

# SVOC DATA PACKAGE

## APPENDIX 1: INSTRUMENT OUTPUT DOCUMENTS

Including For Each Analytical Sequence::

- The scanned instrument runlogs
- Instrument output (SICP chromatograms) indicating the integrations used for quantification including:
  - GC chromatographic resolution checks, where appropriate
  - SICPs for the run
  - SICP chromatograms indicating both the automated and manual peak integration where this has been edited
- Reference peak profiles indicating the mass resolution
  - Pre-run mass calibration check printouts
  - Post-run mass calibration check printouts

Sample List Report

MassLynx 4.1 SCN815 SCN795

Sample List: C:\MassLynx\Default.pro\Sampled\b15-190502B-RUN.SPL

Page 1 of 2

Last Modified: Thursday, May 02, 2019 14:48:59 Eastern Daylight Time

Printed: Friday, May 03, 2019 08:45:32 Eastern Daylight Time

Page Position (1, 1)

| File Name | Sample ID   | File Text       | MS File         | Inlet File   | Bottle       | Inject Vol        |
|-----------|-------------|-----------------|-----------------|--------------|--------------|-------------------|
| 1         | 5-190502B01 | H5-19-CS1-005   | 1668A-CS1-018   | 1668_octyl_1 | 1668_octyl_1 | Tray1:40 1.000000 |
| 2         | 5-190502B02 | H5-19-CS0-005   | 1668A-CS0-018   | 1668_octyl_1 | 1668_octyl_1 | Tray1:41 1.000000 |
| 3         | 5-190502B03 | H5-19-CS3-005   | 1668A-CS3-018B1 | 1668_octyl_1 | 1668_octyl_1 | Tray1:1 1.000000  |
| 4         | 5-190502B04 | H5-19-CS2-005   | 1668A-CS2-018   | 1668_octyl_1 | 1668_octyl_1 | Tray1:42 1.000000 |
| 5         | 5-190502B05 | H5-19-CS5-005   | 1668A-CS4-018   | 1668_octyl_1 | 1668_octyl_1 | Tray1:43 1.000000 |
| 6         | 5-190502B06 | H5-19-CS4-005   | 1668A-CS4-018   | 1668_octyl_1 | 1668_octyl_1 | Tray1:44 1.000000 |
| 7         | 5-190502B07 | H5-19-RS1-005   | 1668A-RS1-018   | 1668_octyl_1 | 1668_octyl_1 | Tray1:45 1.000000 |
| 8         | 5-190502B08 | H5-19-RS2-005   | 1668A-RS2-018   | 1668_octyl_1 | 1668_octyl_1 | Tray1:46 1.000000 |
| 9         | 5-190502B09 | H5-19-WDM-372   | 1668A-CS7-018C  | 1668_octyl_1 | 1668_octyl_1 | Tray1:2 1.000000  |
| 10        | 5-190502B10 | H5-19-CCV-373   | 1668A-CS3-18B1  | 1668_octyl_1 | 1668_octyl_1 | Tray1:1 1.000000  |
| 11        | 5-190502B11 | WG3034709-2     | LCS             | 1668_octyl_1 | 1668_octyl_1 | Tray1:4 1.000000  |
| 12        | 5-190502B12 | TOL             | INST BLANK      | 1668_octyl_1 | 1668_octyl_1 | Tray1:3 1.000000  |
| 13        | 5-190502B13 | WG3034709-1     | MB              | 1668_octyl_1 | 1668_octyl_1 | Tray1:5 1.000000  |
| 14        | 5-190502B14 | L2262808-1      | Sample          | 1668_octyl_1 | 1668_octyl_1 | Tray1:6 1.000000  |
| 15        | 5-190502B15 | WG3034709-4     | Sample          | 1668_octyl_1 | 1668_octyl_1 | Tray1:7 1.000000  |
| 16        | 5-190502B16 | L2262808-2      | Sample          | 1668_octyl_1 | 1668_octyl_1 | Tray1:8 1.000000  |
| 17        | 5-190502B17 | L2263083-1      | Sample          | 1668_octyl_1 | 1668_octyl_1 | Tray1:9 1.000000  |
| 18        | 5-190502B18 | L2264104-1      | Sample          | 1668_octyl_1 | 1668_octyl_1 | Tray1:10 1.000000 |
| 19        | 5-190502B19 | L2264104-2      | Sample          | 1668_octyl_1 | 1668_octyl_1 | Tray1:11 1.000000 |
| 20        | 5-190502B20 | L2264104-5      | Sample          | 1668_octyl_1 | 1668_octyl_1 | Tray1:12 1.000000 |
| 21        | 5-190502B21 | H5-19-CCV-374   | 1668A-CS3-18B1  | 1668_octyl_1 | 1668_octyl_1 | Tray1:1 1.000000  |
| 22        | ---         | Op              | ES              | ---          | ---          | 0.000000          |
| 23        | ---         | Detector        | 350             | ---          | ---          | 0.000000          |
| 24        | ---         | Column SPBOCTYL | 649848-03A      | ---          | ---          | 0.000000          |
| 25        | ---         | CCV SUB         | APR29           | ---          | ---          | 0.000000          |

VP ✓ EA May 3  
 MR ✓  
 Win ✓  
 Anco 12%  
 Tol ✓  
 IS ✓  
 LM ✓  
 WO ✓  
 BS ✓  
 OC ✓  
 BI RBV  
 Rec S17 high  
 Dup ✓  
 CS ✓

Sample List Report

MassLynx MassLynx V4.1 SCN 901

Sample List: C:\MassLynx\PCB.PRO\SampleDB\5-190502B-QC.SPL  
Last Modified: Friday, May 03, 2019 09:02:24 Eastern Daylight Time  
Printed: Thursday, May 16, 2019 15:05:23 Eastern Daylight Time

|   | File Name   | Sample ID     | File Text      | Sample Type | Na Conc A | Na Conc B | Na Conc C | Na Conc D | Na Conc E | Na Conc F | Na Conc G | Na Conc H | FS Conc | CS Conc | ES Conc 1 | ES Conc 2 | IS Conc | Sample Size |
|---|-------------|---------------|----------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|---------|-----------|-----------|---------|-------------|
| 1 | 5-190502B02 | H5-19-CS0-005 | 1668A-CS0-018  | Analyte     | .2        | .2        | .2        | .4        | ---       | ---       | ---       | ---       | 100     | 100     | 100       | 200       | 100     | 1.000       |
| 2 | 5-190502B07 | H5-19-RS1-005 | 1668A-RS1-018  | Analyte     | 50        | 50        | 50        | 100       | ---       | ---       | ---       | ---       | 100     | 100     | 100       | 200       | 100     | 1.000       |
| 3 | 5-190502B08 | H5-19-RS2-005 | 1668A-RS2-018  | Analyte     | ---       | ---       | ---       | ---       | ---       | ---       | ---       | ---       | 100     | 100     | 100       | 200       | 100     | 1.000       |
| 4 | 5-190502B09 | H5-19-WDM-372 | 1668A-CS7-018C | Analyte     | 25        | 50        | 75        | 100       | 150       | 200       | 250       | 300       | 100     | 100     | 100       | 200       | 100     | 1.000       |
| 5 | 5-190502B10 | H5-19-CCV-373 | 1668A-CS3-18B1 | Analyte     | 50        | 50        | 50        | 100       | ---       | ---       | ---       | ---       | 100     | 100     | 100       | 200       | 100     | 1.000       |
| 6 | 5-190502B11 | WG3034709-2   | LCS            | Analyte     | 1000      | 1000      | 1000      | 2000      | ---       | ---       | ---       | ---       | 2000    | 2000    | 2000      | 4000      | 2000    | 1.000       |
| 7 | 5-190502B21 | H5-19-CCV-374 | 1668A-CS3-18B1 | Analyte     | 50        | 50        | 50        | 100       | ---       | ---       | ---       | ---       | 100     | 100     | 100       | 200       | 100     | 1.000       |

Sample List Report

MassLynx MassLynx V4.1 SCN 901

Sample List: C:\MassLynx\PCB.PRO\SampleDB\5-190502B-ICAL.SPL  
Last Modified: Friday, May 03, 2019 08:58:59 Eastern Daylight Time  
Printed: Thursday, May 16, 2019 15:00:15 Eastern Daylight Time

|   | File Name   | Sample ID     | File Text       | Sample Type | Na Conc A | Na Conc B | Na Conc C | Na Conc D | Na Conc E | Na Conc F | Na Conc G | Na Conc H | FS Conc | CS Conc | ES Conc 1 | ES Conc 2 | IS Conc | Sample Size |
|---|-------------|---------------|-----------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|---------|-----------|-----------|---------|-------------|
| 1 | 5-190502B01 | H5-19-CS1-005 | 1668A-CS1-018   | Standard    | 1         | 1         | 1         | 2         | ---       | ---       | ---       | ---       | 100     | 100     | 100       | 200       | 100     | 1.000       |
| 2 | 5-190502B04 | H5-19-CS2-005 | 1668A-CS2-018   | Standard    | 5         | 5         | 5         | 10        | ---       | ---       | ---       | ---       | 100     | 100     | 100       | 200       | 100     | 1.000       |
| 3 | 5-190502B03 | H5-19-CS3-005 | 1668A-CS3-018B1 | Standard    | 50        | 50        | 50        | 100       | ---       | ---       | ---       | ---       | 100     | 100     | 100       | 200       | 100     | 1.000       |
| 4 | 5-190502B06 | H5-19-CS4-005 | 1668A-CS4-018   | Standard    | 400       | 400       | 400       | 800       | ---       | ---       | ---       | ---       | 100     | 100     | 100       | 200       | 100     | 1.000       |
| 5 | 5-190502B05 | H5-19-CS5-005 | 1668A-CS4-018   | Standard    | 2000      | 2000      | 2000      | 4000      | ---       | ---       | ---       | ---       | 100     | 100     | 100       | 200       | 100     | 1.000       |

**Quantify Sample Summary Report**      **MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

**Method: C:\MassLynx\PCB.PRO\MethDB\1668-OCTYL-1-ICAL.mdb 28 Dec 2018 11:55:27**

**Calibration: C:\MassLynx\PCB.PRO\CurveDB\5-190502B-ICAL.cdb 03 May 2019 08:59:50**

**Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40**

|    | Target Analyte               | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra   | Ra Fail=Y... | RT    | RRT  | RT LCL | RT UCL | Conc.     | %Rec  | Mod.Comment | Noise 1 | Noise 2 |
|----|------------------------------|------|------------|-----------|-----------|------|--------------|-------|------|--------|--------|-----------|-------|-------------|---------|---------|
| 1  | PCB-1                        |      | 78829      | 59788     | 19042     | 3.14 | NO           | 8.90  | 1.00 | 8.87   | 8.94   | 0.98154   | 98.2  |             | 1219    | 1601    |
| 2  | PCB-3                        |      | 76853      | 59047     | 17806     | 3.32 | NO           | 10.44 | 1.00 | 10.40  | 10.47  | 0.99250   | 99.3  |             | 1219    | 1601    |
| 3  | PCB-4                        |      | 41727      | 25391     | 16336     | 1.55 | NO           | 10.61 | 1.00 | 10.57  | 10.64  | 0.98280   | 98.3  |             | 2330    | 7638    |
| 4  | PCB-15                       |      | 68244      | 41682     | 26562     | 1.57 | NO           | 14.30 | 1.00 | 14.27  | 14.33  | 0.94971   | 95.0  |             | 2677    | 7327    |
| 5  | PCB-19                       |      | 40082      | 20951     | 19131     | 1.10 | NO           | 12.62 | 1.00 | 12.58  | 12.65  | 0.96943   | 96.9  |             | 4926    | 2674    |
| 6  | PCB-37                       |      | 61219      | 31595     | 29624     | 1.07 | NO           | 18.25 | 1.00 | 18.22  | 18.28  | 0.97227   | 97.2  |             | 6934    | 4701    |
| 7  | PCB-54                       |      | 51778      | 22725     | 29052     | 0.78 | NO           | 14.47 | 1.00 | 14.44  | 14.51  | 0.98184   | 98.2  |             | 1087    | 1704    |
| 8  | PCB-81                       |      | 66870      | 29912     | 36958     | 0.81 | NO           | 21.82 | 1.00 | 21.79  | 21.86  | 1.06992   | 107.0 |             | 2619    | 4099    |
| 9  | PCB-77                       |      | 58048      | 25938     | 32110     | 0.81 | NO           | 22.13 | 1.00 | 22.10  | 22.16  | 0.97216   | 97.2  |             | 2619    | 4099    |
| 10 | PCB-104                      |      | 50508      | 31259     | 19249     | 1.62 | NO           | 17.55 | 1.00 | 17.51  | 17.58  | 0.97012   | 97.0  |             | 536     | 919     |
| 11 | PCB-123                      |      | 49850      | 28960     | 20890     | 1.39 | NO           | 23.13 | 1.00 | 23.10  | 23.17  | 0.99626   | 99.6  |             | 1295    | 1485    |
| 12 | PCB-118                      |      | 51272      | 31456     | 19816     | 1.59 | NO           | 23.30 | 1.00 | 23.27  | 23.33  | 0.96608   | 96.6  |             | 1295    | 1485    |
| 13 | PCB-114                      |      | 50238      | 30645     | 19593     | 1.56 | NO           | 23.59 | 1.00 | 23.56  | 23.62  | 0.97066   | 97.1  |             | 1295    | 1485    |
| 14 | PCB-105                      |      | 55523      | 33818     | 21706     | 1.56 | NO           | 23.94 | 1.00 | 23.91  | 23.97  | 1.06099   | 106.1 |             | 1295    | 1485    |
| 15 | PCB-126                      |      | 48043      | 29589     | 18454     | 1.60 | NO           | 25.54 | 1.00 | 25.50  | 25.57  | 0.96229   | 96.2  |             | 1295    | 1485    |
| 16 | PCB-155                      |      | 51789      | 29348     | 22441     | 1.31 | NO           | 20.55 | 1.00 | 20.51  | 20.58  | 1.00255   | 100.3 |             | 653     | 718     |
| 17 | PCB-167                      |      | 53895      | 30090     | 23805     | 1.26 | NO           | 26.44 | 1.00 | 26.41  | 26.48  | 1.05289   | 105.3 |             | 927     | 1161    |
| 18 | PCB-156/157                  |      | 102911     | 56818     | 46094     | 1.23 | NO           | 27.07 | 1.00 | 27.04  | 27.10  | 2.05987   | 103.0 |             | 927     | 1161    |
| 19 | PCB-169                      |      | 43032      | 24383     | 18649     | 1.31 | NO           | 28.74 | 1.00 | 28.71  | 28.77  | 0.96499   | 96.5  |             | 927     | 1161    |
| 20 | PCB-188                      |      | 43950      | 21947     | 22003     | 1.00 | NO           | 23.54 | 1.00 | 23.51  | 23.58  | 0.95835   | 95.8  |             | 2045    | 1570    |
| 21 | PCB-189                      |      | 35036      | 18049     | 16987     | 1.06 | NO           | 30.02 | 1.00 | 29.99  | 30.05  | 0.95291   | 95.3  |             | 2594    | 1812    |
| 22 | PCB-202                      |      | 41185      | 19355     | 21830     | 0.89 | NO           | 26.32 | 1.00 | 26.29  | 26.36  | 0.98562   | 98.6  |             | 497     | 741     |
| 23 | PCB-205                      |      | 28333      | 13081     | 15252     | 0.86 | NO           | 31.41 | 1.00 | 31.38  | 31.45  | 0.94219   | 94.2  |             | 584     | 798     |
| 24 | PCB-208                      |      | 30131      | 13379     | 16752     | 0.80 | NO           | 29.76 | 1.00 | 29.73  | 29.79  | 1.00138   | 100.1 |             | 1185    | 2882    |
| 25 | PCB-206                      |      | 19679      | 8117      | 11562     | 0.70 | NO           | 32.51 | 1.00 | 32.48  | 32.54  | 1.01229   | 101.2 |             | 1185    | 2882    |
| 26 | PCB-209                      |      | 22914      | 12494     | 10419     | 1.20 | NO           | 33.64 | 1.00 | 33.61  | 33.67  | 0.98215   | 98.2  |             | 271     | 495     |
| 27 | 13C-PCB-31                   |      | 7015191    | 3605329   | 3409862   | 1.06 | NO           | 15.82 | 0.87 | 15.79  | 15.86  | 103.31855 | 103.3 |             | 46153   | 19704   |
| 28 | 13C-PCB-95                   |      | 3167239    | 1944229   | 1223010   | 1.59 | NO           | 19.13 | 1.09 | 19.10  | 19.17  | 101.19855 | 101.2 |             | 3635    | 3519    |
| 29 | 13C-PCB-153                  |      | 4427194    | 2506257   | 1920936   | 1.30 | NO           | 24.22 | 1.18 | 24.19  | 24.25  | 103.45108 | 103.5 |             | 7560    | 3778    |
| 30 | 13C-PCB-28                   |      | 7086526    | 3638799   | 3447727   | 1.06 | NO           | 16.00 | 0.94 | 15.97  | 16.03  | 102.24615 | 102.2 |             | 46153   | 19704   |
| 31 | 13C-PCB-111                  |      | 4324838    | 2650534   | 1674304   | 1.58 | NO           | 22.06 | 1.07 | 22.02  | 22.09  | 101.97980 | 102.0 |             | 3635    | 3519    |
| 32 | 13C-PCB-178                  |      | 3438988    | 1757295   | 1681693   | 1.04 | NO           | 25.10 | 1.01 | 25.07  | 25.13  | 100.76998 | 100.8 |             | 3420    | 3075    |
| 33 | 13C-PCB-1                    |      | 7403023    | 5618438   | 1784585   | 3.15 | NO           | 8.90  | 0.75 | 8.87   | 8.94   | 99.94473  | 99.9  |             | 3850    | 21051   |
| 34 | ALS Canada Ltd.<br>13C-PCB-3 |      | 6840180    | 5180820   | 1659360   | 3.12 | NO           | 10.44 | 0.88 | 10.40  | 10.47  | 99.06709  | 99.1  |             | 3850    | 21051   |

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40

|    | Target Analyte  | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra   | Ra Fail=Y... | RT    | RRT  | RT LCL | RT UCL | Conc.        | %Rec  | Mod.Comment | Noise 1 | Noise 2 |
|----|-----------------|------|------------|-----------|-----------|------|--------------|-------|------|--------|--------|--------------|-------|-------------|---------|---------|
| 35 | 13C-PCB-4       |      | 4657973    | 2864445   | 1793528   | 1.60 | NO           | 10.59 | 0.89 | 10.56  | 10.63  | 99.16788     | 99.2  |             | 26059   | 6017    |
| 36 | 13C-PCB-15      |      | 6915894    | 4239363   | 2676531   | 1.58 | NO           | 14.29 | 1.20 | 14.26  | 14.32  | 99.34926     | 99.3  |             | 42144   | 13775   |
| 37 | 13C-PCB-19      |      | 3588783    | 1829172   | 1759612   | 1.04 | NO           | 12.61 | 1.06 | 12.57  | 12.64  | 98.78301     | 98.8  |             | 40430   | 21667   |
| 38 | 13C-PCB-37      |      | 5973860    | 3070892   | 2902968   | 1.06 | NO           | 18.24 | 1.07 | 18.21  | 18.27  | 99.61990     | 99.6  |             | 46153   | 19704   |
| 39 | 13C-PCB-54      |      | 5038430    | 2226506   | 2811924   | 0.79 | NO           | 14.46 | 0.85 | 14.43  | 14.50  | 99.48021     | 99.5  |             | 5601    | 3487    |
| 40 | 13C-PCB-81      |      | 5232295    | 2307244   | 2925051   | 0.79 | NO           | 21.81 | 1.06 | 21.78  | 21.85  | 101.06177    | 101.1 |             | 7870    | 3324    |
| 41 | 13C-PCB-77      |      | 5317639    | 2352106   | 2965533   | 0.79 | NO           | 22.12 | 1.07 | 22.09  | 22.15  | 101.49699    | 101.5 |             | 7870    | 3324    |
| 42 | 13C-PCB-104     |      | 4526137    | 2772429   | 1753708   | 1.58 | NO           | 17.53 | 1.03 | 17.49  | 17.56  | 99.85015     | 99.9  |             | 1359    | 1288    |
| 43 | 13C-PCB-123     |      | 4702105    | 2889529   | 1812576   | 1.59 | NO           | 23.11 | 1.12 | 23.07  | 23.14  | 100.98681    | 101.0 |             | 7742    | 6145    |
| 44 | 13C-PCB-118     |      | 4612804    | 2827581   | 1785223   | 1.58 | NO           | 23.29 | 1.13 | 23.26  | 23.32  | 101.18003    | 101.2 |             | 7742    | 6145    |
| 45 | 13C-PCB-114     |      | 4449846    | 2742994   | 1706852   | 1.61 | NO           | 23.58 | 0.95 | 23.55  | 23.61  | 102.04428    | 102.0 |             | 7742    | 6145    |
| 46 | 13C-PCB-105     |      | 4477360    | 2757491   | 1719869   | 1.60 | NO           | 23.93 | 0.96 | 23.90  | 23.96  | 101.19132    | 101.2 |             | 7742    | 6145    |
| 47 | 13C-PCB-126     |      | 4272731    | 2626317   | 1646414   | 1.60 | NO           | 25.52 | 1.02 | 25.49  | 25.56  | 101.74367    | 101.7 |             | 7742    | 6145    |
| 48 | 13C-PCB-155     |      | 4861667    | 2711779   | 2149888   | 1.26 | NO           | 20.54 | 0.99 | 20.50  | 20.57  | 98.55382     | 98.6  |             | 1377    | 2278    |
| 49 | 13C-PCB-167     |      | 4211999    | 2369915   | 1842084   | 1.29 | NO           | 26.43 | 1.06 | 26.40  | 26.46  | 99.46135     | 99.5  |             | 7560    | 3778    |
| 50 | 13C-PCB-156/157 |      | 8170861    | 4627269   | 3543593   | 1.31 | NO           | 27.06 | 1.09 | 27.03  | 27.09  | 200.39886    | 100.2 |             | 7560    | 3778    |
| 51 | 13C-PCB-169     |      | 3840285    | 2172192   | 1668092   | 1.30 | NO           | 28.73 | 1.15 | 28.69  | 28.76  | 99.83095     | 99.8  |             | 7560    | 3778    |
| 52 | 13C-PCB-188     |      | 4584657    | 2369983   | 2214674   | 1.07 | NO           | 23.53 | 0.94 | 23.50  | 23.56  | 98.79160     | 98.8  |             | 3420    | 3075    |
| 53 | 13C-PCB-189     |      | 3826560    | 1970807   | 1855753   | 1.06 | NO           | 30.01 | 0.96 | 29.97  | 30.04  | 98.30579     | 98.3  |             | 13588   | 10744   |
| 54 | 13C-PCB-202     |      | 3853339    | 1824120   | 2029220   | 0.90 | NO           | 26.31 | 1.06 | 26.28  | 26.34  | 98.45272     | 98.5  |             | 1402    | 2685    |
| 55 | 13C-PCB-205     |      | 3121668    | 1472468   | 1649200   | 0.89 | NO           | 31.40 | 1.01 | 31.37  | 31.43  | 99.09695     | 99.1  |             | 5268    | 6075    |
| 56 | 13C-PCB-208     |      | 2728231    | 1197140   | 1531090   | 0.78 | NO           | 29.75 | 0.96 | 29.71  | 29.78  | 98.81195     | 98.8  |             | 2242    | 3932    |
| 57 | 13C-PCB-206     |      | 1726640    | 762859    | 963781    | 0.79 | NO           | 32.49 | 1.04 | 32.45  | 32.52  | 96.74277     | 96.7  |             | 2242    | 3932    |
| 58 | 13C-PCB-209     |      | 2585496    | 1408162   | 1177334   | 1.20 | NO           | 33.63 | 1.08 | 33.59  | 33.66  | 96.95924     | 97.0  |             | 400     | 520     |
| 59 | 13C-PCB-9       |      | 7412748    | 4533598   | 2879150   | 1.57 | NO           | 11.87 | 0.48 | 11.84  | 11.90  | 127.28054    | 127.3 |             | 26059   | 6017    |
| 60 | 13C-PCB-52      |      | 3761866    | 1682727   | 2079140   | 0.81 | NO           | 16.99 | 0.68 | 16.95  | 17.02  | 126.05135    | 126.1 |             | 6893    | 4087    |
| 61 | 13C-PCB-101     |      | 3235832    | 1981766   | 1254065   | 1.58 | NO           | 20.67 | 0.83 | 20.63  | 20.70  | 124.91596    | 124.9 |             | 3635    | 3519    |
| 62 | 13C-PCB-138     |      | 3562690    | 2012079   | 1550611   | 1.30 | NO           | 24.91 | 0.00 | 24.87  | 24.94  | 127.87429    | 127.9 |             | 7560    | 3778    |
| 63 | 13C-PCB-194     |      | 2529646    | 1195460   | 1334186   | 0.90 | NO           | 31.13 | 1.25 | 31.10  | 31.16  | 127.47617    | 127.5 |             | 5268    | 6075    |
| 64 | Total MoCB-F1   | 3    |            | 119823    |           |      |              |       |      |        |        | 1189.68489   |       |             | 1219    |         |
| 65 | Total DiCB-F1   | 1    |            | 25391     |           |      |              |       |      |        |        | 0.98280      |       |             | 2330    |         |
| 66 | Total DiCB-F2   | 1    |            | 41682     |           |      |              |       |      |        |        | 0.94971      |       |             | 2677    |         |
| 67 | Total TrCB-F1   | 1    |            | 20951     |           |      |              |       |      |        |        | 0.96943      |       |             | 2127    |         |
| 68 | Total TrCB-F3   | 9    |            | 107033    |           |      |              |       |      |        |        | 141671.73267 |       |             | 2310    |         |
| 69 | Total TeCB-F2   | 1    |            | 22725     |           |      |              |       |      |        |        | 0.98184      |       |             | 1087    |         |
| 70 | Total TeCB-F4   | 8    |            | 73845     |           |      |              |       |      |        |        | 35356.83718  |       |             | 2619    |         |
| 71 | Total PCB-F3    | 2    |            | 33739     |           |      |              |       |      |        |        | 3582.24306   |       |             | 526     |         |

**Quantify Sample Summary Report**      **MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time  
 Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

**Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40**

|     | Target Analyte    | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra | Ra Fail=Y... | RT | RRT | RT LCL | RT UCL | Conc.        | %Rec | Mod.Comment | Noise 1 | Noise 2 |
|-----|-------------------|------|------------|-----------|-----------|----|--------------|----|-----|--------|--------|--------------|------|-------------|---------|---------|
| 72  | Total PeCB-F5     | 12   |            | 169612    |           |    |              |    |     |        |        | 22147.80719  |      |             | 1295    |         |
| 73  | Total HxCB-F4     | 5    |            | 39154     |           |    |              |    |     |        |        | 16683.36079  |      |             | 653     |         |
| 74  | Total HxCB-F5     | 16   |            | 138886    |           |    |              |    |     |        |        | 41923.99343  |      |             | 927     |         |
| 75  | Total HpCB-F5     | 16   |            | 112583    |           |    |              |    |     |        |        | 178838.87485 |      |             | 812     |         |
| 76  | Total HpCB-F6     | 4    |            | 20017     |           |    |              |    |     |        |        | 3365.05711   |      |             | 939     |         |
| 77  | Total OcCB-F5     | 6    |            | 33258     |           |    |              |    |     |        |        | 26542.40545  |      |             | 497     |         |
| 78  | Total OcCB-F6     | 5    |            | 18592     |           |    |              |    |     |        |        | 11892.53750  |      |             | 584     |         |
| 79  | Total NoCB-F6     | 3    |            | 23086     |           |    |              |    |     |        |        | 4021.10439   |      |             | 1185    |         |
| 80  | Total DeCB-F7     | 1    |            | 12494     |           |    |              |    |     |        |        | 0.98215      |      |             | 271     |         |
| 81  | Total 13C-MoCB-F1 | 3    |            | 10817742  |           |    |              |    |     |        |        | 25786.71972  |      |             | 3850    |         |
| 82  | Total 13C-DiCB-F1 | 4    |            | 7449211   |           |    |              |    |     |        |        | 228.54457    |      |             | 26059   |         |
| 83  | Total 13C-DiCB-F2 | 1    |            | 4239363   |           |    |              |    |     |        |        | 99.34926     |      |             | 42144   |         |
| 84  | Total 13C-TrCB-F1 | 2    |            | 1966600   |           |    |              |    |     |        |        | 329291.14036 |      |             | 40430   |         |
| 85  | Total 13C-TrCB-F3 | 7    |            | 10382845  |           |    |              |    |     |        |        | 77258.93704  |      |             | 46153   |         |
| 86  | Total 13C-TeCB-F2 | 1    |            | 2226506   |           |    |              |    |     |        |        | 99.48021     |      |             | 5601    |         |
| 87  | Total 13C-TeCB-F3 | 6    |            | 1748882   |           |    |              |    |     |        |        | 131.13482    |      |             | 6893    |         |
| 88  | Total 13C-TeCB-F4 | 8    |            | 4760366   |           |    |              |    |     |        |        | 130825.46510 |      |             | 7870    |         |
| 89  | Total 13C-PeCB-F3 | 3    |            | 2772960   |           |    |              |    |     |        |        | 1040.93003   |      |             | 1359    |         |
| 90  | Total 13C-PeCB-F4 | 7    |            | 6600097   |           |    |              |    |     |        |        | 332.43881    |      |             | 3635    |         |
| 91  | Total 13C-PeCB-F5 | 13   |            | 14212251  |           |    |              |    |     |        |        | 431335.33677 |      |             | 7742    |         |
| 92  | Total 13C-HxCB-F4 | 3    |            | 2727862   |           |    |              |    |     |        |        | 18276.05332  |      |             | 1377    |         |
| 93  | Total 13C-HxCB-F5 | 12   |            | 13854040  |           |    |              |    |     |        |        | 680.37639    |      |             | 7560    |         |
| 94  | Total 13C-HpCB-F5 | 12   |            | 4214624   |           |    |              |    |     |        |        | 150055.47113 |      |             | 3420    |         |
| 95  | Total 13C-HpCB-F6 | 11   |            | 2264948   |           |    |              |    |     |        |        | 480163.44939 |      |             | 13588   |         |
| 96  | Total 13C-OcCB-F5 | 9    |            | 1834784   |           |    |              |    |     |        |        | 23362.19147  |      |             | 1402    |         |
| 97  | Total 13C-OcCB-F6 | 5    |            | 2797437   |           |    |              |    |     |        |        | 254.22040    |      |             | 5268    |         |
| 98  | Total 13C-NoCB-F6 | 8    |            | 1964796   |           |    |              |    |     |        |        | 10869.10338  |      |             | 2242    |         |
| 99  | Total 13C-DeCB-F7 | 1    |            | 1408162   |           |    |              |    |     |        |        | 96.95924     |      |             | 400     |         |
| 100 | Lockmass F1       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 344872  |         |
| 101 | Lockmass F2       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 309028  |         |
| 102 | Lockmass F3       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 671291  |         |
| 103 | Lockmass F4       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 418170  |         |
| 104 | Lockmass F5       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 131672  |         |
| 105 | Lockmass F6       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 57362   |         |
| 106 | Lockmass F7       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 30850   |         |

**Quantify Sample Summary Report**      **MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time  
 Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

**Name: 5-190502B04, Date: 02-May-2019, Time: 14:13:57, ID: H5-19-CS2-005, Description: 1668A-CS2-018, Vial: Tray1:42**

|    | Target Analyte | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra   | Ra Fail=Y... | RT    | RRT  | RT LCL | RT UCL | Conc.     | %Rec  | Mod.Comment | Noise 1 | Noise 2 |
|----|----------------|------|------------|-----------|-----------|------|--------------|-------|------|--------|--------|-----------|-------|-------------|---------|---------|
| 1  | PCB-1          |      | 339350     | 258780    | 80569     | 3.21 | NO           | 8.88  | 1.00 | 8.84   | 8.91   | 5.09369   | 101.9 |             | 1388    | 1994    |
| 2  | PCB-3          |      | 326595     | 250620    | 75975     | 3.30 | NO           | 10.41 | 1.00 | 10.38  | 10.45  | 5.00919   | 100.2 |             | 1388    | 1994    |
| 3  | PCB-4          |      | 178860     | 108767    | 70093     | 1.55 | NO           | 10.58 | 1.00 | 10.55  | 10.61  | 4.97326   | 99.5  |             | 1808    | 7025    |
| 4  | PCB-15         |      | 299108     | 182106    | 117003    | 1.56 | NO           | 14.26 | 1.00 | 14.23  | 14.30  | 5.10059   | 102.0 |             | 3273    | 7798    |
| 5  | PCB-19         |      | 176884     | 91172     | 85712     | 1.06 | NO           | 12.58 | 1.00 | 12.55  | 12.61  | 5.05778   | 101.2 |             | 4641    | 3512    |
| 6  | PCB-37         |      | 261539     | 133262    | 128277    | 1.04 | NO           | 18.22 | 1.00 | 18.19  | 18.25  | 5.09295   | 101.9 |             | 7952    | 6427    |
| 7  | PCB-54         |      | 217741     | 95893     | 121848    | 0.79 | NO           | 14.44 | 1.00 | 14.40  | 14.47  | 4.96366   | 99.3  |             | 1112    | 1931    |
| 8  | PCB-81         |      | 252697     | 109154    | 143543    | 0.76 | NO           | 21.80 | 1.00 | 21.76  | 21.83  | 5.00077   | 100.0 |             | 2209    | 3206    |
| 9  | PCB-77         |      | 241071     | 105010    | 136061    | 0.77 | NO           | 22.10 | 1.00 | 22.07  | 22.13  | 4.99934   | 100.0 |             | 2209    | 3206    |
| 10 | PCB-104        |      | 221078     | 137111    | 83967     | 1.63 | NO           | 17.51 | 1.00 | 17.47  | 17.54  | 5.10773   | 102.2 |             | 674     | 925     |
| 11 | PCB-123        |      | 204156     | 125770    | 78387     | 1.60 | NO           | 23.10 | 1.00 | 23.06  | 23.13  | 5.13470   | 102.7 |             | 1698    | 1614    |
| 12 | PCB-118        |      | 214541     | 132216    | 82325     | 1.61 | NO           | 23.26 | 1.00 | 23.23  | 23.30  | 5.07085   | 101.4 |             | 1698    | 1614    |
| 13 | PCB-114        |      | 209261     | 127745    | 81515     | 1.57 | NO           | 23.57 | 1.00 | 23.53  | 23.60  | 5.11171   | 102.2 |             | 1698    | 1614    |
| 14 | PCB-105        |      | 210698     | 129119    | 81579     | 1.58 | NO           | 23.92 | 1.00 | 23.88  | 23.95  | 5.02255   | 100.5 |             | 1698    | 1614    |
| 15 | PCB-126        |      | 203311     | 124222    | 79089     | 1.57 | NO           | 25.51 | 1.00 | 25.48  | 25.55  | 5.07720   | 101.5 |             | 1698    | 1614    |
| 16 | PCB-155        |      | 219767     | 122580    | 97187     | 1.26 | NO           | 20.51 | 1.00 | 20.48  | 20.54  | 5.05796   | 101.2 |             | 680     | 722     |
| 17 | PCB-167        |      | 211323     | 117336    | 93987     | 1.25 | NO           | 26.42 | 1.00 | 26.39  | 26.45  | 5.08135   | 101.6 |             | 1593    | 1161    |
| 18 | PCB-156/157    |      | 411267     | 224343    | 186924    | 1.20 | NO           | 27.05 | 1.00 | 27.01  | 27.08  | 10.23720  | 102.4 |             | 1593    | 1161    |
| 19 | PCB-169        |      | 178152     | 98209     | 79943     | 1.23 | NO           | 28.71 | 1.00 | 28.68  | 28.75  | 4.98435   | 99.7  |             | 1593    | 1161    |
| 20 | PCB-188        |      | 193320     | 97219     | 96101     | 1.01 | NO           | 23.52 | 1.00 | 23.48  | 23.55  | 5.22953   | 104.6 |             | 2722    | 1504    |
| 21 | PCB-189        |      | 153369     | 77155     | 76214     | 1.01 | NO           | 29.99 | 1.00 | 29.96  | 30.03  | 5.03328   | 100.7 |             | 3481    | 2041    |
| 22 | PCB-202        |      | 173770     | 81030     | 92740     | 0.87 | NO           | 26.30 | 1.00 | 26.26  | 26.33  | 5.10039   | 102.0 |             | 681     | 667     |
| 23 | PCB-205        |      | 122677     | 58072     | 64605     | 0.90 | NO           | 31.39 | 1.00 | 31.35  | 31.42  | 5.04637   | 100.9 |             | 1084    | 1239    |
| 24 | PCB-208        |      | 123873     | 54426     | 69447     | 0.78 | NO           | 29.74 | 1.00 | 29.70  | 29.77  | 5.04423   | 100.9 |             | 1508    | 3587    |
| 25 | PCB-206        |      | 80072      | 35577     | 44496     | 0.80 | NO           | 32.47 | 1.00 | 32.44  | 32.51  | 5.00960   | 100.2 |             | 1508    | 3587    |
| 26 | PCB-209        |      | 96084      | 52495     | 43589     | 1.20 | NO           | 33.61 | 1.00 | 33.58  | 33.64  | 5.07911   | 101.6 |             | 249     | 468     |
| 27 | 13C-PCB-31     |      | 5759595    | 2956009   | 2803586   | 1.05 | NO           | 15.79 | 0.87 | 15.76  | 15.83  | 102.57813 | 102.6 |             | 38886   | 19116   |
| 28 | 13C-PCB-95     |      | 2620638    | 1614262   | 1006376   | 1.60 | NO           | 19.10 | 1.09 | 19.07  | 19.14  | 104.21617 | 104.2 |             | 3445    | 2571    |
| 29 | 13C-PCB-153    |      | 3512470    | 1973051   | 1539419   | 1.28 | NO           | 24.18 | 1.18 | 24.15  | 24.22  | 100.56252 | 100.6 |             | 3857    | 5536    |
| 30 | 13C-PCB-28     |      | 5899773    | 3028106   | 2871668   | 1.05 | NO           | 15.96 | 0.94 | 15.93  | 15.99  | 103.19412 | 103.2 |             | 38886   | 19116   |
| 31 | 13C-PCB-111    |      | 3538805    | 2176388   | 1362417   | 1.60 | NO           | 22.02 | 1.07 | 21.98  | 22.05  | 102.05902 | 102.1 |             | 3445    | 2571    |
| 32 | 13C-PCB-178    |      | 2802345    | 1438805   | 1363540   | 1.06 | NO           | 25.08 | 1.01 | 25.04  | 25.11  | 102.79237 | 102.8 |             | 3655    | 2935    |
| 33 | 13C-PCB-1      |      | 6141082    | 4647242   | 1493840   | 3.11 | NO           | 8.86  | 0.75 | 8.83   | 8.90   | 98.71879  | 98.7  |             | 3319    | 22381   |
| 34 | 13C-PCB-3      |      | 5759432    | 4339356   | 1420076   | 3.06 | NO           | 10.40 | 0.88 | 10.37  | 10.43  | 99.32205  | 99.3  |             | 3319    | 22381   |
| 35 | 13C-PCB-4      |      | 3945675    | 2431933   | 1513742   | 1.61 | NO           | 10.57 | 0.89 | 10.53  | 10.60  | 100.02292 | 100.0 |             | 34493   | 6152    |
| 36 | 13C-PCB-15     |      | 5644008    | 3449359   | 2194650   | 1.57 | NO           | 14.25 | 1.20 | 14.22  | 14.29  | 96.54017  | 96.5  |             | 55186   | 11780   |
| 37 | 13C-PCB-19     |      | 3035561    | 1547080   | 1488481   | 1.64 | NO           | 12.57 | 1.06 | 12.53  | 12.60  | 99.48970  | 99.5  |             | 33339   | 21203   |



**Quantify Sample Summary Report**      **MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time  
 Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

**Name: 5-190502B04, Date: 02-May-2019, Time: 14:13:57, ID: H5-19-CS2-005, Description: 1668A-CS2-018, Vial: Tray1:42**

|    | Target Analyte  | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra   | Ra Fail=Y... | RT    | RRT  | RT LCL | RT UCL | Conc.        | %Rec  | Mod.Comment | Noise 1 | Noise 2 |
|----|-----------------|------|------------|-----------|-----------|------|--------------|-------|------|--------|--------|--------------|-------|-------------|---------|---------|
| 38 | 13C-PCB-37      |      | 4872207    | 2486456   | 2385751   | 1.04 | NO           | 18.20 | 1.07 | 18.17  | 18.24  | 98.49694     | 98.5  |             | 38886   | 19116   |
| 39 | 13C-PCB-54      |      | 4191143    | 1854821   | 2336322   | 0.79 | NO           | 14.43 | 0.85 | 14.39  | 14.46  | 100.31826    | 100.3 |             | 6465    | 5127    |
| 40 | 13C-PCB-81      |      | 4230322    | 1867555   | 2362767   | 0.79 | NO           | 21.79 | 1.06 | 21.75  | 21.82  | 99.93521     | 99.9  |             | 9738    | 8476    |
| 41 | 13C-PCB-77      |      | 4294400    | 1888473   | 2405927   | 0.78 | NO           | 22.08 | 1.07 | 22.05  | 22.12  | 100.25067    | 100.3 |             | 9738    | 8476    |
| 42 | 13C-PCB-104     |      | 3762772    | 2313131   | 1449642   | 1.60 | NO           | 17.50 | 1.03 | 17.46  | 17.53  | 101.52649    | 101.5 |             | 1814    | 1626    |
| 43 | 13C-PCB-123     |      | 3736311    | 2289451   | 1446860   | 1.58 | NO           | 23.08 | 1.12 | 23.05  | 23.12  | 98.14446     | 98.1  |             | 6254    | 6954    |
| 44 | 13C-PCB-118     |      | 3677289    | 2258279   | 1419009   | 1.59 | NO           | 23.25 | 1.13 | 23.22  | 23.29  | 98.65246     | 98.7  |             | 6254    | 6954    |
| 45 | 13C-PCB-114     |      | 3519669    | 2163700   | 1355968   | 1.60 | NO           | 23.55 | 0.95 | 23.52  | 23.59  | 98.71789     | 98.7  |             | 6254    | 6954    |
| 46 | 13C-PCB-105     |      | 3589165    | 2206820   | 1382344   | 1.60 | NO           | 23.90 | 0.96 | 23.87  | 23.94  | 99.21219     | 99.2  |             | 6254    | 6954    |
| 47 | 13C-PCB-126     |      | 3427020    | 2110739   | 1316282   | 1.60 | NO           | 25.50 | 1.03 | 25.47  | 25.53  | 99.80883     | 99.8  |             | 6254    | 6954    |
| 48 | 13C-PCB-155     |      | 4089216    | 2280339   | 1808877   | 1.26 | NO           | 20.50 | 0.99 | 20.47  | 20.53  | 101.38617    | 101.4 |             | 1423    | 1489    |
| 49 | 13C-PCB-167     |      | 3422065    | 1942714   | 1479351   | 1.31 | NO           | 26.39 | 1.06 | 26.36  | 26.43  | 101.15634    | 101.2 |             | 3857    | 5536    |
| 50 | 13C-PCB-156/157 |      | 6570327    | 3718356   | 2851971   | 1.30 | NO           | 27.03 | 1.09 | 27.00  | 27.07  | 201.72197    | 100.9 |             | 3857    | 5536    |
| 51 | 13C-PCB-169     |      | 3078017    | 1741289   | 1336728   | 1.30 | NO           | 28.70 | 1.15 | 28.67  | 28.74  | 100.16401    | 100.2 |             | 3857    | 5536    |
| 52 | 13C-PCB-188     |      | 3695617    | 1901463   | 1794155   | 1.06 | NO           | 23.51 | 0.95 | 23.47  | 23.54  | 99.68710     | 99.7  |             | 3655    | 2935    |
| 53 | 13C-PCB-189     |      | 3171293    | 1620889   | 1550405   | 1.05 | NO           | 29.98 | 0.96 | 29.95  | 30.02  | 101.98723    | 102.0 |             | 6208    | 6403    |
| 54 | 13C-PCB-202     |      | 3141855    | 1495915   | 1645940   | 0.91 | NO           | 26.29 | 1.06 | 26.25  | 26.32  | 100.48827    | 100.5 |             | 1617    | 2502    |
| 55 | 13C-PCB-205     |      | 2523595    | 1198077   | 1325518   | 0.90 | NO           | 31.38 | 1.01 | 31.34  | 31.41  | 99.65973     | 99.7  |             | 3908    | 7203    |
| 56 | 13C-PCB-208     |      | 2226623    | 980616    | 1246007   | 0.79 | NO           | 29.71 | 0.96 | 29.68  | 29.74  | 100.32324    | 100.3 |             | 1935    | 2975    |
| 57 | 13C-PCB-206     |      | 1419624    | 626081    | 793542    | 0.79 | NO           | 32.46 | 1.04 | 32.43  | 32.49  | 98.95013     | 99.0  |             | 1935    | 2975    |
| 58 | 13C-PCB-209     |      | 2096486    | 1142797   | 953689    | 1.20 | NO           | 33.60 | 1.08 | 33.56  | 33.63  | 97.80564     | 97.8  |             | 424     | 433     |
| 59 | 13C-PCB-9       |      | 6225512    | 3830126   | 2395386   | 1.60 | NO           | 11.83 | 0.48 | 11.80  | 11.86  | 106.89512    | 106.9 |             | 34493   | 6152    |
| 60 | 13C-PCB-52      |      | 3103111    | 1383845   | 1719266   | 0.80 | NO           | 16.96 | 0.68 | 16.93  | 16.99  | 103.97800    | 104.0 |             | 7408    | 4345    |
| 61 | 13C-PCB-101     |      | 2645669    | 1619306   | 1026363   | 1.58 | NO           | 20.63 | 0.83 | 20.60  | 20.66  | 102.13334    | 102.1 |             | 3445    | 2571    |
| 62 | 13C-PCB-138     |      | 2846028    | 1601604   | 1244424   | 1.29 | NO           | 24.87 | 0.00 | 24.84  | 24.91  | 102.15142    | 102.2 |             | 3857    | 5536    |
| 63 | 13C-PCB-194     |      | 2033448    | 968701    | 1064748   | 0.91 | NO           | 31.10 | 1.25 | 31.07  | 31.14  | 102.47135    | 102.5 |             | 3908    | 7203    |
| 64 | Total MoCB-F1   | 3    |            | 515357    |           |      |              |       |      |        |        | 6973.25941   |       |             | 1388    |         |
| 65 | Total DiCB-F1   | 2    |            | 113128    |           |      |              |       |      |        |        | 9882.71010   |       |             | 1808    |         |
| 66 | Total DiCB-F2   | 1    |            | 182106    |           |      |              |       |      |        |        | 5.10059      |       |             | 3273    |         |
| 67 | Total TrCB-F1   | 1    |            | 91172     |           |      |              |       |      |        |        | 5.05778      |       |             | 1772    |         |
| 68 | Total TrCB-F3   | 9    |            | 426839    |           |      |              |       |      |        |        | 544758.59444 |       |             | 2244    |         |
| 69 | Total TeCB-F2   | 1    |            | 95893     |           |      |              |       |      |        |        | 4.96366      |       |             | 1112    |         |
| 70 | Total TeCB-F4   | 9    |            | 229743    |           |      |              |       |      |        |        | 30874.54922  |       |             | 2209    |         |
| 71 | Total PeCB-F3   | 2    |            | 139352    |           |      |              |       |      |        |        | 3293.25880   |       |             | 674     |         |
| 72 | Total PeCB-F5   | 12   |            | 666365    |           |      |              |       |      |        |        | 38539.64188  |       |             | 1698    |         |
| 73 | Total HxCB-F4   | 6    |            | 132636    |           |      |              |       |      |        |        | 16753.26462  |       |             | 680     |         |
| 74 | Total HxCB-F5   | 18   |            | 481895    |           |      |              |       |      |        |        | 64889.25250  |       |             | 1593    |         |

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B04, Date: 02-May-2019, Time: 14:13:57, ID: H5-19-CS2-005, Description: 1668A-CS2-018, Vial: Tray1:42

|     | Target Analyte    | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra | Ra Fail=Y... | RT | RRT | RT LCL | RT UCL | Conc.        | %Rec | Mod.Comment | Noise 1 | Noise 2 |
|-----|-------------------|------|------------|-----------|-----------|----|--------------|----|-----|--------|--------|--------------|------|-------------|---------|---------|
| 75  | Total HpCB-F5     | 17   |            | 403776    |           |    |              |    |     |        |        | 611033.15971 |      |             | 865     |         |
| 76  | Total HpCB-F6     | 4    |            | 84094     |           |    |              |    |     |        |        | 12593.24776  |      |             | 1453    |         |
| 77  | Total OcCB-F5     | 6    |            | 92540     |           |    |              |    |     |        |        | 22650.07446  |      |             | 681     |         |
| 78  | Total OcCB-F6     | 5    |            | 68271     |           |    |              |    |     |        |        | 22756.90094  |      |             | 1084    |         |
| 79  | Total NoCB-F6     | 3    |            | 92101     |           |    |              |    |     |        |        | 3973.41175   |      |             | 1508    |         |
| 80  | Total DeCB-F7     | 1    |            | 52495     |           |    |              |    |     |        |        | 5.07911      |      |             | 249     |         |
| 81  | Total 13C-MoCB-F1 | 3    |            | 9003730   |           |    |              |    |     |        |        | 23360.26841  |      |             | 3319    |         |
| 82  | Total 13C-DiCB-F1 | 3    |            | 6296023   |           |    |              |    |     |        |        | 208.52560    |      |             | 34493   |         |
| 83  | Total 13C-DiCB-F2 | 1    |            | 3449359   |           |    |              |    |     |        |        | 96.54017     |      |             | 55186   |         |
| 84  | Total 13C-TrCB-F1 | 1    |            | 1547080   |           |    |              |    |     |        |        | 99.48970     |      |             | 33339   |         |
| 85  | Total 13C-TrCB-F3 | 6    |            | 8518002   |           |    |              |    |     |        |        | 52435.93768  |      |             | 38886   |         |
| 86  | Total 13C-TeCB-F2 | 1    |            | 1854821   |           |    |              |    |     |        |        | 100.31826    |      |             | 6465    |         |
| 87  | Total 13C-TeCB-F3 | 5    |            | 1440262   |           |    |              |    |     |        |        | 108.23713    |      |             | 7408    |         |
| 88  | Total 13C-TeCB-F4 | 7    |            | 3844948   |           |    |              |    |     |        |        | 116500.89254 |      |             | 9738    |         |
| 89  | Total 13C-PeCB-F3 | 1    |            | 2313131   |           |    |              |    |     |        |        | 101.52649    |      |             | 1814    |         |
| 90  | Total 13C-PeCB-F4 | 6    |            | 5432564   |           |    |              |    |     |        |        | 312.65822    |      |             | 3445    |         |
| 91  | Total 13C-PeCB-F5 | 14   |            | 11355771  |           |    |              |    |     |        |        | 388003.62063 |      |             | 6254    |         |
| 92  | Total 13C-HxCB-F4 | 5    |            | 2293544   |           |    |              |    |     |        |        | 16374.80250  |      |             | 1423    |         |
| 93  | Total 13C-HxCB-F5 | 15   |            | 11122662  |           |    |              |    |     |        |        | 650.20790    |      |             | 3857    |         |
| 94  | Total 13C-HpCB-F5 | 9    |            | 3419638   |           |    |              |    |     |        |        | 138060.67864 |      |             | 3655    |         |
| 95  | Total 13C-HpCB-F6 | 9    |            | 1827679   |           |    |              |    |     |        |        | 403050.13062 |      |             | 6208    |         |
| 96  | Total 13C-OcCB-F5 | 8    |            | 1505623   |           |    |              |    |     |        |        | 17325.17260  |      |             | 1617    |         |
| 97  | Total 13C-OcCB-F6 | 6    |            | 2284198   |           |    |              |    |     |        |        | 227.59829    |      |             | 3908    |         |
| 98  | Total 13C-NoCB-F6 | 3    |            | 1608423   |           |    |              |    |     |        |        | 4556.91098   |      |             | 1935    |         |
| 99  | Total 13C-DeCB-F7 | 1    |            | 1142797   |           |    |              |    |     |        |        | 97.80564     |      |             | 424     |         |
| 100 | Lockmass F1       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 443520  |         |
| 101 | Lockmass F2       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 277020  |         |
| 102 | Lockmass F3       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 748420  |         |
| 103 | Lockmass F4       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 360301  |         |
| 104 | Lockmass F5       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 141051  |         |
| 105 | Lockmass F6       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 60558   |         |
| 106 | Lockmass F7       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 26267   |         |

**Quantify Sample Summary Report**      **MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time  
 Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

**Name: 5-190502B03, Date: 02-May-2019, Time: 13:31:47, ID: H5-19-CS3-005, Description: 1668A-CS3-018B1, Vial: Tray1:1**

|    | Target Analyte | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra   | Ra Fail=Y... | RT    | RRT  | RT LCL | RT UCL | Conc.     | %Rec  | Mod.Comment | Noise 1 | Noise 2 |
|----|----------------|------|------------|-----------|-----------|------|--------------|-------|------|--------|--------|-----------|-------|-------------|---------|---------|
| 1  | PCB-1          |      | 1970412    | 1496041   | 474371    | 3.15 | NO           | 8.89  | 1.00 | 8.86   | 8.92   | 48.98128  | 98.0  |             | 1837    | 2656    |
| 2  | PCB-3          |      | 1892672    | 1442674   | 449998    | 3.21 | NO           | 10.43 | 1.00 | 10.39  | 10.46  | 49.34146  | 98.7  |             | 1837    | 2656    |
| 3  | PCB-4          |      | 1061459    | 635798    | 425660    | 1.49 | NO           | 10.59 | 1.00 | 10.56  | 10.63  | 48.74586  | 97.5  |             | 1931    | 8914    |
| 4  | PCB-15         |      | 1736449    | 1058590   | 677859    | 1.56 | NO           | 14.27 | 1.00 | 14.24  | 14.30  | 49.33850  | 98.7  |             | 2990    | 6301    |
| 5  | PCB-19         |      | 1048228    | 540572    | 507656    | 1.06 | NO           | 12.59 | 1.00 | 12.56  | 12.63  | 49.92761  | 99.9  |             | 5448    | 3737    |
| 6  | PCB-37         |      | 1515336    | 771760    | 743576    | 1.04 | NO           | 18.23 | 1.00 | 18.20  | 18.26  | 48.58763  | 97.2  |             | 9681    | 8512    |
| 7  | PCB-54         |      | 1336237    | 591663    | 744574    | 0.79 | NO           | 14.45 | 1.00 | 14.41  | 14.48  | 49.41055  | 98.8  |             | 1081    | 2532    |
| 8  | PCB-81         |      | 1490952    | 649440    | 841512    | 0.77 | NO           | 21.81 | 1.00 | 21.77  | 21.84  | 47.77761  | 95.6  |             | 1575    | 3945    |
| 9  | PCB-77         |      | 1459679    | 640678    | 819001    | 0.78 | NO           | 22.11 | 1.00 | 22.08  | 22.14  | 49.20479  | 98.4  |             | 1575    | 3945    |
| 10 | PCB-104        |      | 1326618    | 811458    | 515160    | 1.58 | NO           | 17.52 | 1.00 | 17.48  | 17.55  | 49.47993  | 99.0  |             | 746     | 1153    |
| 11 | PCB-123        |      | 1237431    | 757272    | 480159    | 1.58 | NO           | 23.11 | 1.00 | 23.07  | 23.14  | 48.85408  | 97.7  |             | 3138    | 2307    |
| 12 | PCB-118        |      | 1330559    | 812658    | 517901    | 1.57 | NO           | 23.28 | 1.00 | 23.24  | 23.31  | 49.41803  | 98.8  |             | 3138    | 2307    |
| 13 | PCB-114        |      | 1257775    | 771737    | 486038    | 1.59 | NO           | 23.58 | 1.00 | 23.55  | 23.61  | 48.66136  | 97.3  |             | 3138    | 2307    |
| 14 | PCB-105        |      | 1254318    | 767005    | 487312    | 1.57 | NO           | 23.92 | 1.00 | 23.88  | 23.95  | 47.23429  | 94.5  |             | 3138    | 2307    |
| 15 | PCB-126        |      | 1229309    | 745975    | 483335    | 1.54 | NO           | 25.52 | 1.00 | 25.49  | 25.56  | 49.46598  | 98.9  |             | 3138    | 2307    |
| 16 | PCB-155        |      | 1323882    | 737969    | 585913    | 1.26 | NO           | 20.53 | 1.00 | 20.50  | 20.56  | 48.88635  | 97.8  |             | 1390    | 528     |
| 17 | PCB-167        |      | 1238076    | 682595    | 555482    | 1.23 | NO           | 26.42 | 1.00 | 26.39  | 26.45  | 47.84608  | 95.7  |             | 2284    | 2517    |
| 18 | PCB-156/157    |      | 2423587    | 1338057   | 1085531   | 1.23 | NO           | 27.05 | 1.00 | 27.01  | 27.08  | 96.65699  | 96.7  |             | 2284    | 2517    |
| 19 | PCB-169        |      | 1105821    | 612519    | 493302    | 1.24 | NO           | 28.73 | 1.00 | 28.69  | 28.76  | 49.64501  | 99.3  |             | 2284    | 2517    |
| 20 | PCB-188        |      | 1167128    | 594245    | 572883    | 1.04 | NO           | 23.53 | 1.00 | 23.50  | 23.56  | 49.02825  | 98.1  |             | 3751    | 2742    |
| 21 | PCB-189        |      | 936685     | 475833    | 460852    | 1.03 | NO           | 29.99 | 1.00 | 29.96  | 30.03  | 49.03552  | 98.1  |             | 6826    | 6382    |
| 22 | PCB-202        |      | 1072577    | 505882    | 566695    | 0.89 | NO           | 26.30 | 1.00 | 26.26  | 26.33  | 49.18526  | 98.4  |             | 916     | 682     |
| 23 | PCB-205        |      | 773059     | 366151    | 406908    | 0.90 | NO           | 31.40 | 1.00 | 31.37  | 31.43  | 50.14480  | 100.3 |             | 2299    | 1752    |
| 24 | PCB-208        |      | 772211     | 342008    | 430203    | 0.80 | NO           | 29.74 | 1.00 | 29.70  | 29.77  | 48.85222  | 97.7  |             | 2456    | 3051    |
| 25 | PCB-206        |      | 503853     | 224290    | 279563    | 0.80 | NO           | 32.49 | 1.00 | 32.45  | 32.52  | 49.16671  | 98.3  |             | 2456    | 3051    |
| 26 | PCB-209        |      | 604611     | 326149    | 278462    | 1.17 | NO           | 33.63 | 1.00 | 33.59  | 33.66  | 49.43829  | 98.9  |             | 341     | 493     |
| 27 | 13C-PCB-31     |      | 3144468    | 1612854   | 1531615   | 1.05 | NO           | 15.80 | 0.87 | 15.77  | 15.84  | 92.62289  | 92.6  |             | 50020   | 25793   |
| 28 | 13C-PCB-95     |      | 1445048    | 887246    | 557802    | 1.59 | NO           | 19.11 | 1.09 | 19.08  | 19.15  | 91.06857  | 91.1  |             | 2477    | 2204    |
| 29 | 13C-PCB-153    |      | 1996655    | 1123240   | 873414    | 1.29 | NO           | 24.19 | 1.18 | 24.16  | 24.23  | 91.72791  | 91.7  |             | 3191    | 2418    |
| 30 | 13C-PCB-28     |      | 3229814    | 1650193   | 1579622   | 1.04 | NO           | 15.97 | 0.94 | 15.94  | 16.00  | 91.45677  | 91.5  |             | 50020   | 25793   |
| 31 | 13C-PCB-111    |      | 1994548    | 1228343   | 766205    | 1.60 | NO           | 22.03 | 1.07 | 21.99  | 22.06  | 92.36518  | 92.4  |             | 2477    | 2204    |
| 32 | 13C-PCB-178    |      | 1593259    | 815507    | 777751    | 1.05 | NO           | 25.09 | 1.01 | 25.06  | 25.12  | 92.58361  | 92.6  |             | 3649    | 2200    |
| 33 | 13C-PCB-1      |      | 3708145    | 2813408   | 894737    | 3.14 | NO           | 8.88  | 0.75 | 8.84   | 8.91   | 98.71806  | 98.7  |             | 4158    | 17729   |
| 34 | 13C-PCB-3      |      | 3388454    | 2567685   | 820769    | 3.13 | NO           | 10.41 | 0.88 | 10.38  | 10.45  | 96.77263  | 96.8  |             | 4158    | 17729   |
| 35 | 13C-PCB-4      |      | 2388992    | 1461611   | 927381    | 1.58 | NO           | 10.58 | 0.89 | 10.55  | 10.61  | 100.29467 | 100.3 |             | 36845   | 6570    |
| 36 | 13C-PCB-15     |      | 3387313    | 2074870   | 1312443   | 1.58 | NO           | 14.26 | 1.20 | 14.23  | 14.30  | 95.95348  | 96.0  |             | 48346   | 11849   |
| 37 | 13C-PCB-19     |      | 1822322    | 928619    | 893703    | 1.94 | NO           | 12.58 | 1.06 | 12.55  | 12.61  | 98.91204  | 98.9  |             | 42378   | 80037   |

**Quantify Sample Summary Report**      **MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time  
 Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

**Name: 5-190502B03, Date: 02-May-2019, Time: 13:31:47, ID: H5-19-CS3-005, Description: 1668A-CS3-018B1, Vial: Tray1:1**

|    | Target Analyte  | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra   | Ra Fail=Y... | RT    | RRT  | RT LCL | RT UCL | Conc.          | %Rec  | Mod.Comment | Noise 1 | Noise 2 |
|----|-----------------|------|------------|-----------|-----------|------|--------------|-------|------|--------|--------|----------------|-------|-------------|---------|---------|
| 38 | 13C-PCB-37      |      | 2958975    | 1514395   | 1444580   | 1.05 | NO           | 18.21 | 1.07 | 18.18  | 18.24  | 96.84049       | 96.8  |             | 50020   | 25793   |
| 39 | 13C-PCB-54      |      | 2583795    | 1145988   | 1437807   | 0.80 | NO           | 14.44 | 0.85 | 14.40  | 14.47  | 100.12080      | 100.1 |             | 7546    | 5834    |
| 40 | 13C-PCB-81      |      | 2612464    | 1149413   | 1463051   | 0.79 | NO           | 21.80 | 1.06 | 21.76  | 21.83  | 99.09791       | 99.1  |             | 8156    | 4710    |
| 41 | 13C-PCB-77      |      | 2641922    | 1168382   | 1473540   | 0.79 | NO           | 22.09 | 1.07 | 22.06  | 22.13  | 99.03159       | 99.0  |             | 8156    | 4710    |
| 42 | 13C-PCB-104     |      | 2330811    | 1426899   | 903912    | 1.58 | NO           | 17.51 | 1.03 | 17.47  | 17.54  | 100.98282      | 101.0 |             | 1244    | 1330    |
| 43 | 13C-PCB-123     |      | 2380207    | 1461160   | 919048    | 1.59 | NO           | 23.10 | 1.12 | 23.06  | 23.13  | 100.39372      | 100.4 |             | 4997    | 4479    |
| 44 | 13C-PCB-118     |      | 2340166    | 1437825   | 902341    | 1.59 | NO           | 23.26 | 1.13 | 23.23  | 23.30  | 100.80820      | 100.8 |             | 4997    | 4479    |
| 45 | 13C-PCB-114     |      | 2222281    | 1366000   | 856281    | 1.60 | NO           | 23.57 | 0.95 | 23.53  | 23.60  | 100.08341      | 100.1 |             | 4997    | 4479    |
| 46 | 13C-PCB-105     |      | 2271996    | 1400871   | 871126    | 1.61 | NO           | 23.91 | 0.96 | 23.87  | 23.94  | 100.84360      | 100.8 |             | 4997    | 4479    |
| 47 | 13C-PCB-126     |      | 2126842    | 1307851   | 818991    | 1.60 | NO           | 25.51 | 1.03 | 25.48  | 25.55  | 99.46185       | 99.5  |             | 4997    | 4479    |
| 48 | 13C-PCB-155     |      | 2548671    | 1421689   | 1126983   | 1.26 | NO           | 20.51 | 0.99 | 20.48  | 20.54  | 101.46621      | 101.5 |             | 1925    | 2031    |
| 49 | 13C-PCB-167     |      | 2129223    | 1201860   | 927364    | 1.30 | NO           | 26.41 | 1.06 | 26.37  | 26.44  | 99.70906       | 99.7  |             | 3191    | 2418    |
| 50 | 13C-PCB-156/157 |      | 4100807    | 2320364   | 1780443   | 1.30 | NO           | 27.03 | 1.09 | 27.00  | 27.07  | 199.45464      | 99.7  |             | 3191    | 2418    |
| 51 | 13C-PCB-169     |      | 1918217    | 1087286   | 830931    | 1.31 | NO           | 28.71 | 1.15 | 28.68  | 28.75  | 98.88873       | 98.9  |             | 3191    | 2418    |
| 52 | 13C-PCB-188     |      | 2379829    | 1219378   | 1160451   | 1.05 | NO           | 23.51 | 0.94 | 23.47  | 23.54  | 101.69655      | 101.7 |             | 3649    | 2200    |
| 53 | 13C-PCB-189     |      | 1988074    | 1022330   | 965744    | 1.06 | NO           | 29.98 | 0.96 | 29.95  | 30.02  | 101.28625      | 101.3 |             | 6831    | 6875    |
| 54 | 13C-PCB-202     |      | 2010979    | 955672    | 1055307   | 0.91 | NO           | 26.29 | 1.06 | 26.25  | 26.32  | 101.89325      | 101.9 |             | 997     | 2838    |
| 55 | 13C-PCB-205     |      | 1600375    | 761780    | 838594    | 0.91 | NO           | 31.39 | 1.01 | 31.35  | 31.42  | 100.09669      | 100.1 |             | 3159    | 4774    |
| 56 | 13C-PCB-208     |      | 1433229    | 628092    | 805138    | 0.78 | NO           | 29.72 | 0.96 | 29.69  | 29.76  | 102.27478      | 102.3 |             | 2080    | 2952    |
| 57 | 13C-PCB-206     |      | 910181     | 401956    | 508225    | 0.79 | NO           | 32.46 | 1.04 | 32.43  | 32.49  | 100.47752      | 100.5 |             | 2080    | 2952    |
| 58 | 13C-PCB-209     |      | 1355323    | 736932    | 618392    | 1.19 | NO           | 33.60 | 1.08 | 33.56  | 33.63  | 100.14117      | 100.1 |             | 648     | 426     |
| 59 | 13C-PCB-9       |      | 3759154    | 2306087   | 1453067   | 1.59 | NO           | 11.84 | 0.48 | 11.81  | 11.88  | 64.54653       | 64.5  |             | 36845   | 6570    |
| 60 | 13C-PCB-52      |      | 1916808    | 850874    | 1065934   | 0.80 | NO           | 16.97 | 0.68 | 16.93  | 17.00  | 64.22776       | 64.2  |             | 6422    | 3321    |
| 61 | 13C-PCB-101     |      | 1647656    | 1007276   | 640380    | 1.57 | NO           | 20.64 | 0.83 | 20.61  | 20.67  | 63.60606       | 63.6  |             | 2477    | 2204    |
| 62 | 13C-PCB-138     |      | 1796514    | 1015587   | 780927    | 1.30 | NO           | 24.88 | 0.00 | 24.85  | 24.92  | 64.48161       | 64.5  |             | 3191    | 2418    |
| 63 | 13C-PCB-194     |      | 1283912    | 610165    | 673746    | 0.91 | NO           | 31.10 | 1.25 | 31.07  | 31.14  | 64.70004       | 64.7  |             | 3159    | 4774    |
| 64 | Total MoCB-F1   | 4    |            | 2987714   |           |      |              |       |      |        |        | 55682.94300    |       |             | 1837    |         |
| 65 | Total DiCB-F1   | 2    |            | 664620    |           |      |              |       |      |        |        | 53134.95882    |       |             | 1931    |         |
| 66 | Total DiCB-F2   | 1    |            | 1058590   |           |      |              |       |      |        |        | 49.33850       |       |             | 2990    |         |
| 67 | Total TrCB-F1   | 1    |            | 540572    |           |      |              |       |      |        |        | 49.92761       |       |             | 1813    |         |
| 68 | Total TrCB-F3   | 7    |            | 2428839   |           |      |              |       |      |        |        | 3093432.055... |       |             | 3147    |         |
| 69 | Total TeCB-F2   | 1    |            | 591663    |           |      |              |       |      |        |        | 49.41055       |       |             | 1081    |         |
| 70 | Total TeCB-F4   | 11   |            | 1312434   |           |      |              |       |      |        |        | 43874.42873    |       |             | 1575    |         |
| 71 | Total PeCB-F3   | 2    |            | 812420    |           |      |              |       |      |        |        | 1802.28050     |       |             | 746     |         |
| 72 | Total PeCB-F5   | 12   |            | 3961929   |           |      |              |       |      |        |        | 153448.71826   |       |             | 3138    |         |
| 73 | Total HxCB-F4   | 6    |            | 745763    |           |      |              |       |      |        |        | 11912.69193    |       |             | 1390    |         |
| 74 | Total HxCB-F5   | 19   |            | 2794033   |           |      |              |       |      |        |        | 244466.40595   |       |             | 2284    |         |

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B03, Date: 02-May-2019, Time: 13:31:47, ID: H5-19-CS3-005, Description: 1668A-CS3-018B1, Vial: Tray1:1

|     | Target Analyte    | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra | Ra Fail=Y... | RT | RRT | RT LCL | RT UCL | Conc.          | %Rec | Mod.Comment | Noise 1 | Noise 2 |
|-----|-------------------|------|------------|-----------|-----------|----|--------------|----|-----|--------|--------|----------------|------|-------------|---------|---------|
| 75  | Total HpCB-F5     | 17   |            | 2377272   |           |    |              |    |     |        |        | 3531183.163... |      |             | 1445    |         |
| 76  | Total HpCB-F6     | 4    |            | 517649    |           |    |              |    |     |        |        | 78850.35804    |      |             | 3036    |         |
| 77  | Total OcCB-F5     | 7    |            | 519114    |           |    |              |    |     |        |        | 25861.07383    |      |             | 916     |         |
| 78  | Total OcCB-F6     | 9    |            | 413303    |           |    |              |    |     |        |        | 110253.86235   |      |             | 2299    |         |
| 79  | Total NoCB-F6     | 3    |            | 569268    |           |    |              |    |     |        |        | 5836.69395     |      |             | 2456    |         |
| 80  | Total DeCB-F7     | 1    |            | 326149    |           |    |              |    |     |        |        | 49.43829       |      |             | 341     |         |
| 81  | Total 13C-MoCB-F1 | 3    |            | 5390477   |           |    |              |    |     |        |        | 14534.62829    |      |             | 4158    |         |
| 82  | Total 13C-DiCB-F1 | 3    |            | 3791514   |           |    |              |    |     |        |        | 165.83539      |      |             | 36845   |         |
| 83  | Total 13C-DiCB-F2 | 1    |            | 2074870   |           |    |              |    |     |        |        | 95.95348       |      |             | 48346   |         |
| 84  | Total 13C-TrCB-F1 | 2    |            | 1043663   |           |    |              |    |     |        |        | 264437.86139   |      |             | 42379   |         |
| 85  | Total 13C-TrCB-F3 | 5    |            | 4810544   |           |    |              |    |     |        |        | 33719.65433    |      |             | 50020   |         |
| 86  | Total 13C-TeCB-F2 | 2    |            | 1146288   |           |    |              |    |     |        |        | 515.39143      |      |             | 7546    |         |
| 87  | Total 13C-TeCB-F3 | 3    |            | 879045    |           |    |              |    |     |        |        | 66.30963       |      |             | 6422    |         |
| 88  | Total 13C-TeCB-F4 | 7    |            | 2367409   |           |    |              |    |     |        |        | 67106.13498    |      |             | 8156    |         |
| 89  | Total 13C-PeCB-F3 | 2    |            | 1427347   |           |    |              |    |     |        |        | 1010.20499     |      |             | 1244    |         |
| 90  | Total 13C-PeCB-F4 | 8    |            | 3137188   |           |    |              |    |     |        |        | 249.71453      |      |             | 2477    |         |
| 91  | Total 13C-PeCB-F5 | 15   |            | 7180730   |           |    |              |    |     |        |        | 241773.69266   |      |             | 4997    |         |
| 92  | Total 13C-HxCB-F4 | 2    |            | 1429119   |           |    |              |    |     |        |        | 8494.34883     |      |             | 1925    |         |
| 93  | Total 13C-HxCB-F5 | 15   |            | 6834046   |           |    |              |    |     |        |        | 581.08358      |      |             | 3191    |         |
| 94  | Total 13C-HpCB-F5 | 8    |            | 2083798   |           |    |              |    |     |        |        | 82408.40408    |      |             | 3649    |         |
| 95  | Total 13C-HpCB-F6 | 6    |            | 1152709   |           |    |              |    |     |        |        | 224080.31830   |      |             | 6831    |         |
| 96  | Total 13C-OcCB-F5 | 7    |            | 962245    |           |    |              |    |     |        |        | 12764.72903    |      |             | 997     |         |
| 97  | Total 13C-OcCB-F6 | 6    |            | 1447085   |           |    |              |    |     |        |        | 181.41688      |      |             | 3159    |         |
| 98  | Total 13C-NoCB-F6 | 5    |            | 1033413   |           |    |              |    |     |        |        | 7240.98622     |      |             | 2080    |         |
| 99  | Total 13C-DeCB-F7 | 1    |            | 736932    |           |    |              |    |     |        |        | 100.14117      |      |             | 648     |         |
| 100 | Lockmass F1       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 388993  |         |
| 101 | Lockmass F2       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 309077  |         |
| 102 | Lockmass F3       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 617487  |         |
| 103 | Lockmass F4       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 353103  |         |
| 104 | Lockmass F5       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 128988  |         |
| 105 | Lockmass F6       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 67243   |         |
| 106 | Lockmass F7       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 26218   |         |

**Quantify Sample Summary Report**      **MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time  
 Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

**Name: 5-190502B06, Date: 02-May-2019, Time: 15:38:16, ID: H5-19-CS4-005, Description: 1668A-CS4-018, Vial: Tray1:44**

|    | Target Analyte | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra   | Ra Fail=Y... | RT    | RRT  | RT LCL | RT UCL | Conc.     | %Rec  | Mod.Comment | Noise 1 | Noise 2 |
|----|----------------|------|------------|-----------|-----------|------|--------------|-------|------|--------|--------|-----------|-------|-------------|---------|---------|
| 1  | PCB-1          |      | 29184351   | 22192724  | 6991627   | 3.17 | NO           | 8.86  | 1.00 | 8.83   | 8.90   | 408.03793 | 102.0 |             | 4749    | 3241    |
| 2  | PCB-3          |      | 28770009   | 21940138  | 6829871   | 3.21 | NO           | 10.40 | 1.00 | 10.37  | 10.43  | 407.53229 | 101.9 |             | 4749    | 3241    |
| 3  | PCB-4          |      | 15486648   | 9296138   | 6190510   | 1.50 | NO           | 10.57 | 1.00 | 10.53  | 10.60  | 408.83033 | 102.2 |             | 3194    | 29429   |
| 4  | PCB-15         |      | 27643390   | 16870018  | 10773372  | 1.57 | NO           | 14.24 | 1.00 | 14.21  | 14.28  | 417.35964 | 104.3 |             | 6233    | 19427   |
| 5  | PCB-19         |      | 15239820   | 7865653   | 7374168   | 1.07 | NO           | 12.57 | 1.00 | 12.53  | 12.60  | 408.25202 | 102.1 |             | 7743    | 4631    |
| 6  | PCB-37         |      | 24101214   | 12220198  | 11881016  | 1.03 | NO           | 18.19 | 1.00 | 18.16  | 18.23  | 407.15762 | 101.8 |             | 12971   | 15761   |
| 7  | PCB-54         |      | 19783118   | 8711658   | 11071460  | 0.79 | NO           | 14.43 | 1.00 | 14.39  | 14.46  | 405.80909 | 101.5 |             | 2060    | 3001    |
| 8  | PCB-81         |      | 23049291   | 10110876  | 12938415  | 0.78 | NO           | 21.78 | 1.00 | 21.74  | 21.81  | 397.34217 | 99.3  |             | 3428    | 4445    |
| 9  | PCB-77         |      | 22657674   | 9920589   | 12737085  | 0.78 | NO           | 22.07 | 1.00 | 22.04  | 22.11  | 410.72052 | 102.7 |             | 3428    | 4445    |
| 10 | PCB-104        |      | 19608000   | 11999677  | 7608323   | 1.58 | NO           | 17.50 | 1.00 | 17.46  | 17.53  | 405.56979 | 101.4 |             | 1454    | 2714    |
| 11 | PCB-123        |      | 18687820   | 11395083  | 7292737   | 1.56 | NO           | 23.08 | 1.00 | 23.05  | 23.12  | 399.94996 | 100.0 |             | 8109    | 8622    |
| 12 | PCB-118        |      | 20021444   | 12212525  | 7808919   | 1.56 | NO           | 23.25 | 1.00 | 23.22  | 23.29  | 408.56913 | 102.1 |             | 8109    | 8622    |
| 13 | PCB-114        |      | 19398901   | 11865985  | 7532916   | 1.58 | NO           | 23.54 | 1.00 | 23.51  | 23.58  | 406.13907 | 101.5 |             | 8109    | 8622    |
| 14 | PCB-105        |      | 19336368   | 11795621  | 7540747   | 1.56 | NO           | 23.89 | 1.00 | 23.86  | 23.93  | 397.98817 | 99.5  |             | 8109    | 8622    |
| 15 | PCB-126        |      | 18789743   | 11493739  | 7296004   | 1.58 | NO           | 25.49 | 1.00 | 25.45  | 25.52  | 407.13812 | 101.8 |             | 8109    | 8622    |
| 16 | PCB-155        |      | 19816512   | 11046468  | 8770044   | 1.26 | NO           | 20.50 | 1.00 | 20.47  | 20.53  | 402.35885 | 100.6 |             | 1552    | 2469    |
| 17 | PCB-167        |      | 18534604   | 10217002  | 8317602   | 1.23 | NO           | 26.39 | 1.00 | 26.36  | 26.43  | 396.72021 | 99.2  |             | 7065    | 11723   |
| 18 | PCB-156/157    |      | 36170526   | 19927918  | 16242608  | 1.23 | NO           | 27.02 | 1.00 | 26.99  | 27.06  | 794.84666 | 99.4  |             | 7065    | 11723   |
| 19 | PCB-169        |      | 16963977   | 9377202   | 7586775   | 1.24 | NO           | 28.69 | 1.00 | 28.66  | 28.72  | 410.67561 | 102.7 |             | 7065    | 11723   |
| 20 | PCB-188        |      | 17114756   | 8671748   | 8443008   | 1.03 | NO           | 23.51 | 1.00 | 23.47  | 23.54  | 405.15594 | 101.3 |             | 9571    | 8622    |
| 21 | PCB-189        |      | 13900433   | 7011408   | 6889026   | 1.02 | NO           | 29.97 | 1.00 | 29.94  | 30.00  | 414.02733 | 103.5 |             | 27129   | 27796   |
| 22 | PCB-202        |      | 15552118   | 7355899   | 8196219   | 0.90 | NO           | 26.29 | 1.00 | 26.25  | 26.32  | 403.59210 | 100.9 |             | 1837    | 2308    |
| 23 | PCB-205        |      | 11388333   | 5402926   | 5985408   | 0.90 | NO           | 31.38 | 1.00 | 31.34  | 31.41  | 411.28990 | 102.8 |             | 6909    | 6184    |
| 24 | PCB-208        |      | 11129163   | 4950840   | 6178323   | 0.80 | NO           | 29.72 | 1.00 | 29.69  | 29.76  | 402.40214 | 100.6 |             | 5009    | 6894    |
| 25 | PCB-206        |      | 7464914    | 3325412   | 4139502   | 0.80 | NO           | 32.46 | 1.00 | 32.43  | 32.49  | 398.10883 | 99.5  |             | 5009    | 6894    |
| 26 | PCB-209        |      | 9076942    | 4913576   | 4163367   | 1.18 | NO           | 33.60 | 1.00 | 33.56  | 33.63  | 404.25477 | 101.1 |             | 718     | 549     |
| 27 | 13C-PCB-31     |      | 6353452    | 3224049   | 3129404   | 1.03 | NO           | 15.77 | 0.87 | 15.74  | 15.81  | 101.03649 | 101.0 |             | 71549   | 49388   |
| 28 | 13C-PCB-95     |      | 2947044    | 1794339   | 1152705   | 1.56 | NO           | 19.09 | 1.09 | 19.05  | 19.12  | 101.55438 | 101.6 |             | 3395    | 3490    |
| 29 | 13C-PCB-153    |      | 4036655    | 2273426   | 1763228   | 1.29 | NO           | 24.17 | 1.18 | 24.14  | 24.20  | 101.75614 | 101.8 |             | 4400    | 5057    |
| 30 | 13C-PCB-28     |      | 6453145    | 3286159   | 3166986   | 1.04 | NO           | 15.94 | 0.94 | 15.91  | 15.97  | 101.09460 | 101.1 |             | 71549   | 49388   |
| 31 | 13C-PCB-111    |      | 4072986    | 2506124   | 1566862   | 1.60 | NO           | 22.01 | 1.07 | 21.98  | 22.04  | 101.12606 | 101.1 |             | 3395    | 3490    |
| 32 | 13C-PCB-178    |      | 3163753    | 1611215   | 1552537   | 1.04 | NO           | 25.07 | 1.01 | 25.03  | 25.10  | 101.75334 | 101.8 |             | 4212    | 2535    |
| 33 | 13C-PCB-1      |      | 6592943    | 4992477   | 1600467   | 3.12 | NO           | 8.86  | 0.75 | 8.83   | 8.90   | 100.10007 | 100.1 |             | 3987    | 19237   |
| 34 | 13C-PCB-3      |      | 6236144    | 4705487   | 1530657   | 3.07 | NO           | 10.39 | 0.88 | 10.35  | 10.42  | 101.57392 | 101.6 |             | 3987    | 19237   |
| 35 | 13C-PCB-4      |      | 4155886    | 2547668   | 1608218   | 1.58 | NO           | 10.55 | 0.89 | 10.52  | 10.59  | 99.50433  | 99.5  |             | 24313   | 6404    |
| 36 | 13C-PCB-15     |      | 6374704    | 3894008   | 2480696   | 1.57 | NO           | 14.23 | 1.20 | 14.20  | 14.27  | 102.98656 | 103.0 |             | 51636   | 12087   |
| 37 | 13C-PCB-19     |      | 3240124    | 1645603   | 1594520   | 1.83 | NO           | 12.55 | 1.06 | 12.52  | 12.59  | 100.29997 | 100.3 |             | 72804   | 59028   |

**Quantify Sample Summary Report**      **MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time  
 Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

**Name: 5-190502B06, Date: 02-May-2019, Time: 15:38:16, ID: H5-19-CS4-005, Description: 1668A-CS4-018, Vial: Tray1:44**

|    | Target Analyte  | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra   | Ra Fail=Y... | RT    | RRT  | RT LCL | RT UCL | Conc.          | %Rec  | Mod.Comment | Noise 1 | Noise 2 |
|----|-----------------|------|------------|-----------|-----------|------|--------------|-------|------|--------|--------|----------------|-------|-------------|---------|---------|
| 38 | 13C-PCB-37      |      | 5616095    | 2885413   | 2730682   | 1.06 | NO           | 18.18 | 1.07 | 18.15  | 18.22  | 101.68769      | 101.7 |             | 71549   | 49388   |
| 39 | 13C-PCB-54      |      | 4657656    | 2059319   | 2598337   | 0.79 | NO           | 14.42 | 0.85 | 14.39  | 14.45  | 99.85088       | 99.9  |             | 16617   | 10434   |
| 40 | 13C-PCB-81      |      | 4856284    | 2142351   | 2713934   | 0.79 | NO           | 21.76 | 1.06 | 21.73  | 21.79  | 98.76535       | 98.8  |             | 13576   | 8831    |
| 41 | 13C-PCB-77      |      | 4912914    | 2153109   | 2759804   | 0.78 | NO           | 22.06 | 1.07 | 22.03  | 22.10  | 98.73685       | 98.7  |             | 13576   | 8831    |
| 42 | 13C-PCB-104     |      | 4202986    | 2566312   | 1636675   | 1.57 | NO           | 17.48 | 1.03 | 17.44  | 17.51  | 97.63035       | 97.6  |             | 2399    | 2020    |
| 43 | 13C-PCB-123     |      | 4390842    | 2684825   | 1706017   | 1.57 | NO           | 23.06 | 1.12 | 23.03  | 23.09  | 99.29467       | 99.3  |             | 6407    | 5828    |
| 44 | 13C-PCB-118     |      | 4259196    | 2616678   | 1642519   | 1.59 | NO           | 23.24 | 1.13 | 23.21  | 23.27  | 98.37014       | 98.4  |             | 6407    | 5828    |
| 45 | 13C-PCB-114     |      | 4106603    | 2536860   | 1569743   | 1.62 | NO           | 23.53 | 0.95 | 23.50  | 23.56  | 99.15902       | 99.2  |             | 6407    | 5828    |
| 46 | 13C-PCB-105     |      | 4156829    | 2557969   | 1598860   | 1.60 | NO           | 23.88 | 0.96 | 23.85  | 23.91  | 98.92118       | 98.9  |             | 6407    | 5828    |
| 47 | 13C-PCB-126     |      | 3949661    | 2430435   | 1519226   | 1.60 | NO           | 25.48 | 1.02 | 25.44  | 25.51  | 99.03016       | 99.0  |             | 6407    | 5828    |
| 48 | 13C-PCB-155     |      | 4635172    | 2577600   | 2057572   | 1.25 | NO           | 20.48 | 0.99 | 20.45  | 20.52  | 98.93727       | 98.9  |             | 1860    | 1852    |
| 49 | 13C-PCB-167     |      | 3844317    | 2164775   | 1679542   | 1.29 | NO           | 26.38 | 1.06 | 26.35  | 26.42  | 99.63935       | 99.6  |             | 4400    | 5057    |
| 50 | 13C-PCB-156/157 |      | 7442441    | 4213840   | 3228602   | 1.31 | NO           | 27.01 | 1.09 | 26.98  | 27.04  | 200.34960      | 100.2 |             | 4400    | 5057    |
| 51 | 13C-PCB-169     |      | 3557273    | 2019186   | 1538087   | 1.31 | NO           | 28.68 | 1.15 | 28.65  | 28.71  | 101.49969      | 101.5 |             | 4400    | 5057    |
| 52 | 13C-PCB-188     |      | 4223010    | 2169180   | 2053830   | 1.06 | NO           | 23.48 | 0.94 | 23.45  | 23.52  | 99.88056       | 99.9  |             | 4212    | 2535    |
| 53 | 13C-PCB-189     |      | 3494210    | 1786090   | 1708120   | 1.05 | NO           | 29.96 | 0.96 | 29.92  | 29.99  | 98.52927       | 98.5  |             | 6242    | 7999    |
| 54 | 13C-PCB-202     |      | 3553539    | 1698803   | 1854736   | 0.92 | NO           | 26.26 | 1.06 | 26.23  | 26.29  | 99.65456       | 99.7  |             | 2031    | 2286    |
| 55 | 13C-PCB-205     |      | 2874399    | 1352139   | 1522260   | 0.89 | NO           | 31.36 | 1.01 | 31.33  | 31.40  | 99.99088       | 100.0 |             | 3806    | 5845    |
| 56 | 13C-PCB-208     |      | 2507647    | 1102107   | 1405540   | 0.78 | NO           | 29.70 | 0.96 | 29.67  | 29.73  | 99.52552       | 99.5  |             | 2975    | 3946    |
| 57 | 13C-PCB-206     |      | 1665397    | 732725    | 932673    | 0.79 | NO           | 32.45 | 1.04 | 32.42  | 32.48  | 102.25258      | 102.3 |             | 2975    | 3946    |
| 58 | 13C-PCB-209     |      | 2488367    | 1351875   | 1136492   | 1.19 | NO           | 33.58 | 1.08 | 33.55  | 33.62  | 102.25853      | 102.3 |             | 339     | 431     |
| 59 | 13C-PCB-9       |      | 6591360    | 4041204   | 2550156   | 1.58 | NO           | 11.82 | 0.48 | 11.78  | 11.85  | 113.17690      | 113.2 |             | 24313   | 6404    |
| 60 | 13C-PCB-52      |      | 3464658    | 1543402   | 1921256   | 0.80 | NO           | 16.94 | 0.68 | 16.91  | 16.97  | 116.09260      | 116.1 |             | 13334   | 7409    |
| 61 | 13C-PCB-101     |      | 3073124    | 1879159   | 1193965   | 1.57 | NO           | 20.62 | 0.83 | 20.59  | 20.65  | 118.63480      | 118.6 |             | 3395    | 3490    |
| 62 | 13C-PCB-138     |      | 3245880    | 1837492   | 1408388   | 1.30 | NO           | 24.86 | 0.00 | 24.83  | 24.89  | 116.50312      | 116.5 |             | 4400    | 5057    |
| 63 | 13C-PCB-194     |      | 2308447    | 1089106   | 1219341   | 0.89 | NO           | 31.08 | 1.25 | 31.05  | 31.11  | 116.32934      | 116.3 |             | 3806    | 5845    |
| 64 | Total MoCB-F1   | 5    |            | 44731412  |           |      |              |       |      |        |        | 712028.01049   |       |             | 4749    |         |
| 65 | Total DiCB-F1   | 2    |            | 9689012   |           |      |              |       |      |        |        | 721994.44392   |       |             | 3194    |         |
| 66 | Total DiCB-F2   | 4    |            | 16917131  |           |      |              |       |      |        |        | 72803.72533    |       |             | 6233    |         |
| 67 | Total TrCB-F1   | 4    |            | 7869325   |           |      |              |       |      |        |        | 6605.65586     |       |             | 2782    |         |
| 68 | Total TrCB-F3   | 10   |            | 37129388  |           |      |              |       |      |        |        | 46628671.83... |       |             | 6561    |         |
| 69 | Total TeCB-F2   | 1    |            | 8711658   |           |      |              |       |      |        |        | 405.80909      |       |             | 2060    |         |
| 70 | Total TeCB-F4   | 13   |            | 20297714  |           |      |              |       |      |        |        | 503924.39662   |       |             | 3428    |         |
| 71 | Total PeCB-F3   | 4    |            | 12001553  |           |      |              |       |      |        |        | 3283.82473     |       |             | 1454    |         |
| 72 | Total PeCB-F5   | 16   |            | 60324022  |           |      |              |       |      |        |        | 2183650.887... |       |             | 8109    |         |
| 73 | Total HxCB-F4   | 7    |            | 11067326  |           |      |              |       |      |        |        | 35135.26801    |       |             | 1552    |         |
| 74 | Total HxCB-F5   | 22   |            | 41693114  |           |      |              |       |      |        |        | 3292909.971... |       |             | 7055    |         |



Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B06, Date: 02-May-2019, Time: 15:38:16, ID: H5-19-CS4-005, Description: 1668A-CS4-018, Vial: Tray1:44

|     | Target Analyte    | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra | Ra Fail=Y... | RT | RRT | RT LCL | RT UCL | Conc.          | %Rec | Mod.Comment | Noise 1  | Noise 2 |
|-----|-------------------|------|------------|-----------|-----------|----|--------------|----|-----|--------|--------|----------------|------|-------------|----------|---------|
| 75  | Total HpCB-F5     | 23   |            | 34781365  |           |    |              |    |     |        |        | 51541905.25... |      |             | 4521     |         |
| 76  | Total HpCB-F6     | 7    |            | 7653328   |           |    |              |    |     |        |        | 1238304.391... |      |             | 11742    |         |
| 77  | Total OcCB-F5     | 7    |            | 7446433   |           |    |              |    |     |        |        | 176698.77050   |      |             | 1837     |         |
| 78  | Total OcCB-F6     | 7    |            | 6136447   |           |    |              |    |     |        |        | 1576080.098... |      |             | 6909     |         |
| 79  | Total NoCB-F6     | 8    |            | 8297785   |           |    |              |    |     |        |        | 42903.27163    |      |             | 5009     |         |
| 80  | Total DeCB-F7     | 1    |            | 4913576   |           |    |              |    |     |        |        | 404.25477      |      |             | 718      |         |
| 81  | Total 13C-MoCB-F1 | 3    |            | 9752367   |           |    |              |    |     |        |        | 74053.73110    |      |             | 3987     |         |
| 82  | Total 13C-DiCB-F1 | 3    |            | 6620282   |           |    |              |    |     |        |        | 214.08277      |      |             | 24313    |         |
| 83  | Total 13C-DiCB-F2 | 3    |            | 3896337   |           |    |              |    |     |        |        | 3812.14095     |      |             | 51636    |         |
| 84  | Total 13C-TrCB-F1 | 1    |            | 1645603   |           |    |              |    |     |        |        | 100.29997      |      |             | 72804    |         |
| 85  | Total 13C-TrCB-F3 | 5    |            | 9438881   |           |    |              |    |     |        |        | 50107.87952    |      |             | 71549    |         |
| 86  | Total 13C-TeCB-F2 | 1    |            | 2059319   |           |    |              |    |     |        |        | 99.85088       |      |             | 16617    |         |
| 87  | Total 13C-TeCB-F3 | 4    |            | 1604482   |           |    |              |    |     |        |        | 120.52611      |      |             | 13334    |         |
| 88  | Total 13C-TeCB-F4 | 7    |            | 4392978   |           |    |              |    |     |        |        | 129720.69817   |      |             | 13576    |         |
| 89  | Total 13C-PeCB-F3 | 2    |            | 2567046   |           |    |              |    |     |        |        | 908.14777      |      |             | 2399     |         |
| 90  | Total 13C-PeCB-F4 | 8    |            | 6204468   |           |    |              |    |     |        |        | 326.01610      |      |             | 3395     |         |
| 91  | Total 13C-PeCB-F5 | 14   |            | 13139409  |           |    |              |    |     |        |        | 369126.12489   |      |             | 6407     |         |
| 92  | Total 13C-HxCB-F4 | 2    |            | 2590534   |           |    |              |    |     |        |        | 15661.01215    |      |             | 1860     |         |
| 93  | Total 13C-HxCB-F5 | 13   |            | 12653370  |           |    |              |    |     |        |        | 663.28352      |      |             | 4400     |         |
| 94  | Total 13C-HpCB-F5 | 10   |            | 3858390   |           |    |              |    |     |        |        | 135370.58076   |      |             | 4212     |         |
| 95  | Total 13C-HpCB-F6 | 7    |            | 1994345   |           |    |              |    |     |        |        | 370238.40123   |      |             | 6242     |         |
| 96  | Total 13C-OcCB-F5 | 8    |            | 1707404   |           |    |              |    |     |        |        | 18488.01623    |      |             | 2031     |         |
| 97  | Total 13C-OcCB-F6 | 11   |            | 2570441   |           |    |              |    |     |        |        | 244.88922      |      |             | 3806     |         |
| 98  | Total 13C-NoCB-F6 | 7    |            | 1837974   |           |    |              |    |     |        |        | 9467.82266     |      |             | 2975     |         |
| 99  | Total 13C-DeCB-F7 | 1    |            | 1351875   |           |    |              |    |     |        |        | 102.25853      |      |             | 339      |         |
| 100 | Lockmass F1       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 23476... |         |
| 101 | Lockmass F2       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 10274... |         |
| 102 | Lockmass F3       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 31842... |         |
| 103 | Lockmass F4       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 1177260  |         |
| 104 | Lockmass F5       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 435905   |         |
| 105 | Lockmass F6       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 233977   |         |
| 106 | Lockmass F7       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 79413    |         |



**Quantify Sample Summary Report**      **MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time  
 Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

**Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43**

|    | Target Analyte | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra   | Ra Fail=Y... | RT    | RRT  | RT LCL | RT UCL | Conc.      | %Rec  | Mod.Comment | Noise 1 | Noise 2 |
|----|----------------|------|------------|-----------|-----------|------|--------------|-------|------|--------|--------|------------|-------|-------------|---------|---------|
| 1  | PCB-1          |      |            |           | 27852078  | 0.00 | YES          |       |      |        |        |            |       |             | 5955    | 3429    |
| 2  | PCB-3          |      |            |           | 27505010  | 0.00 | YES          |       |      |        |        |            |       |             | 5955    | 3429    |
| 3  | PCB-4          |      | 61397290   | 36908276  | 24489014  | 1.51 | NO           | 10.57 | 1.00 | 10.53  | 10.60  | 2051.11056 | 102.6 |             | 4053    | 28993   |
| 4  | PCB-15         |      |            |           | 43026172  | 0.00 | YES          |       |      |        |        |            |       |             | 5235    | 21192   |
| 5  | PCB-19         |      | 59390804   | 30711220  | 28679584  | 1.07 | NO           | 12.57 | 1.00 | 12.53  | 12.60  | 1999.66499 | 100.0 |             | 8179    | 4928    |
| 6  | PCB-37         |      | 94732680   | 48187532  | 46545148  | 1.04 | NO           | 18.18 | 1.00 | 18.15  | 18.22  | 2038.98209 | 101.9 |             | 31681   | 17894   |
| 7  | PCB-54         |      | 77293052   | 34107012  | 43186040  | 0.79 | NO           | 14.43 | 1.00 | 14.39  | 14.46  | 2045.38570 | 102.3 |             | 1314    | 2776    |
| 8  | PCB-81         |      | 89116592   | 39494740  | 49621852  | 0.80 | NO           | 21.77 | 1.00 | 21.73  | 21.80  | 1962.03201 | 98.1  |             | 3136    | 4356    |
| 9  | PCB-77         |      | 87319744   | 38521440  | 48798304  | 0.79 | NO           | 22.07 | 1.00 | 22.04  | 22.11  | 2034.15500 | 101.7 |             | 3136    | 4356    |
| 10 | PCB-104        |      | 76100248   | 46480324  | 29619924  | 1.57 | NO           | 17.50 | 1.00 | 17.46  | 17.53  | 2009.63240 | 100.5 |             | 1994    | 2008    |
| 11 | PCB-123        |      | 72799736   | 44460360  | 28339376  | 1.57 | NO           | 23.08 | 1.00 | 23.05  | 23.12  | 1999.69745 | 100.0 |             | 13087   | 13654   |
| 12 | PCB-118        |      | 77699650   | 47335580  | 30364070  | 1.56 | NO           | 23.25 | 1.00 | 23.22  | 23.29  | 2019.92599 | 101.0 |             | 13087   | 13654   |
| 13 | PCB-114        |      | 75015382   | 45889560  | 29125822  | 1.58 | NO           | 23.54 | 1.00 | 23.51  | 23.58  | 2036.84470 | 101.8 |             | 13087   | 13654   |
| 14 | PCB-105        |      | 74595280   | 45522564  | 29072716  | 1.57 | NO           | 23.89 | 1.00 | 23.86  | 23.93  | 1989.68844 | 99.5  |             | 13087   | 13654   |
| 15 | PCB-126        |      | 72310734   | 44425416  | 27885318  | 1.59 | NO           | 25.49 | 1.00 | 25.45  | 25.52  | 2030.21579 | 101.5 |             | 13087   | 13654   |
| 16 | PCB-155        |      | 76032538   | 42505972  | 33526566  | 1.27 | NO           | 20.50 | 1.00 | 20.47  | 20.53  | 2004.46119 | 100.2 |             | 1896    | 1685    |
| 17 | PCB-167        |      | 70373516   | 38899544  | 31473972  | 1.24 | NO           | 26.39 | 1.00 | 26.36  | 26.43  | 1964.23066 | 98.2  |             | 11909   | 9381    |
| 18 | PCB-156/157    |      | 135564648  | 74792736  | 60771912  | 1.23 | NO           | 27.02 | 1.00 | 26.99  | 27.06  | 3944.86769 | 98.6  |             | 11909   | 9381    |
| 19 | PCB-169        |      | 63082906   | 34879512  | 28203394  | 1.24 | NO           | 28.69 | 1.00 | 28.66  | 28.72  | 2037.10919 | 101.9 |             | 11909   | 9381    |
| 20 | PCB-188        |      | 64721576   | 32823874  | 31897702  | 1.03 | NO           | 23.51 | 1.00 | 23.47  | 23.54  | 2004.57538 | 100.2 |             | 16464   | 14859   |
| 21 | PCB-189        |      | 53281014   | 27096904  | 26184110  | 1.03 | NO           | 29.97 | 1.00 | 29.94  | 30.00  | 2049.31391 | 102.5 |             | 53211   | 41050   |
| 22 | PCB-202        |      | 58878002   | 27963516  | 30914486  | 0.90 | NO           | 26.29 | 1.00 | 26.25  | 26.32  | 2003.22577 | 100.2 |             | 2421    | 3335    |
| 23 | PCB-205        |      | 43619696   | 20745462  | 22874234  | 0.91 | NO           | 31.38 | 1.00 | 31.34  | 31.41  | 2034.82417 | 101.7 |             | 17464   | 17969   |
| 24 | PCB-208        |      | 42417128   | 18849256  | 23567872  | 0.80 | NO           | 29.72 | 1.00 | 29.69  | 29.76  | 2013.45542 | 100.7 |             | 6512    | 8024    |
| 25 | PCB-206        |      | 28714147   | 12779577  | 15934570  | 0.80 | NO           | 32.46 | 1.00 | 32.43  | 32.49  | 2014.36592 | 100.7 |             | 6512    | 8024    |
| 26 | PCB-209        |      | 34650487   | 18779642  | 15870845  | 1.18 | NO           | 33.60 | 1.00 | 33.56  | 33.63  | 2005.24902 | 100.3 |             | 749     | 764     |
| 27 | 13C-PCB-31     |      | 4982340    | 2543281   | 2439059   | 1.04 | NO           | 15.77 | 0.87 | 15.74  | 15.81  | 100.44394  | 100.4 |             | 94456   | 32317   |
| 28 | 13C-PCB-95     |      | 2306942    | 1411729   | 895213    | 1.58 | NO           | 19.09 | 1.09 | 19.05  | 19.12  | 101.96233  | 102.0 |             | 2460    | 2182    |
| 29 | 13C-PCB-153    |      | 3095205    | 1748639   | 1346566   | 1.30 | NO           | 24.17 | 1.18 | 24.14  | 24.20  | 102.50235  | 102.5 |             | 3584    | 3105    |
| 30 | 13C-PCB-28     |      | 5028359    | 2553972   | 2474388   | 1.03 | NO           | 15.94 | 0.94 | 15.91  | 15.97  | 102.00836  | 102.0 |             | 94456   | 32317   |
| 31 | 13C-PCB-111    |      | 3155649    | 1940426   | 1215222   | 1.60 | NO           | 22.01 | 1.07 | 21.98  | 22.04  | 102.46994  | 102.5 |             | 2460    | 2182    |
| 32 | 13C-PCB-178    |      | 2424846    | 1237053   | 1187793   | 1.04 | NO           | 25.07 | 1.01 | 25.03  | 25.10  | 102.10070  | 102.1 |             | 2952    | 2393    |
| 33 | 13C-PCB-1      |      | 5256167    | 3975049   | 1281118   | 3.10 | NO           | 8.86  | 0.75 | 8.83   | 8.90   | 102.51835  | 102.5 |             | 3432    | 22963   |
| 34 | 13C-PCB-3      |      | 4935223    | 3724772   | 1210451   | 3.08 | NO           | 10.39 | 0.88 | 10.35  | 10.42  | 103.26431  | 103.3 |             | 3432    | 22963   |
| 35 | 13C-PCB-4      |      | 3284048    | 2013155   | 1270892   | 1.58 | NO           | 10.55 | 0.89 | 10.52  | 10.59  | 101.01019  | 101.0 |             | 31977   | 5101    |
| 36 | 13C-PCB-15     |      | 5067529    | 3084906   | 1982623   | 1.56 | NO           | 14.23 | 1.20 | 14.19  | 14.26  | 105.17054  | 105.2 |             | 53829   | 9393    |
| 37 | 13C-PCB-19     |      | 2577935    | 1327679   | 1250256   | 1.86 | NO           | 12.55 | 1.06 | 12.52  | 12.59  | 102.51529  | 102.5 |             | 87332   | 66450   |

**Quantify Sample Summary Report**      **MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time  
 Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

**Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43**

|    | Target Analyte  | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra   | Ra Fail=Y... | RT    | RRT  | RT LCL | RT UCL | Conc.          | %Rec  | Mod.Comment | Noise 1 | Noise 2 |
|----|-----------------|------|------------|-----------|-----------|------|--------------|-------|------|--------|--------|----------------|-------|-------------|---------|---------|
| 38 | 13C-PCB-37      |      | 4408030    | 2252688   | 2155342   | 1.05 | NO           | 18.17 | 1.07 | 18.14  | 18.21  | 103.35497      | 103.4 |             | 94456   | 32317   |
| 39 | 13C-PCB-54      |      | 3610437    | 1613115   | 1997321   | 0.81 | NO           | 14.42 | 0.85 | 14.39  | 14.45  | 100.22985      | 100.2 |             | 12078   | 9018    |
| 40 | 13C-PCB-81      |      | 3802451    | 1679393   | 2123059   | 0.79 | NO           | 21.76 | 1.06 | 21.73  | 21.79  | 101.13975      | 101.1 |             | 13857   | 6864    |
| 41 | 13C-PCB-77      |      | 3822950    | 1681967   | 2140983   | 0.79 | NO           | 22.06 | 1.07 | 22.02  | 22.09  | 100.48390      | 100.5 |             | 13857   | 6864    |
| 42 | 13C-PCB-104     |      | 3291999    | 2014441   | 1277558   | 1.58 | NO           | 17.49 | 1.03 | 17.45  | 17.52  | 100.01020      | 100.0 |             | 1755    | 1676    |
| 43 | 13C-PCB-123     |      | 3421057    | 2094671   | 1326386   | 1.58 | NO           | 23.06 | 1.12 | 23.03  | 23.09  | 101.18034      | 101.2 |             | 6253    | 4608    |
| 44 | 13C-PCB-118     |      | 3343347    | 2059833   | 1283514   | 1.60 | NO           | 23.24 | 1.13 | 23.21  | 23.27  | 100.98916      | 101.0 |             | 6253    | 4608    |
| 45 | 13C-PCB-114     |      | 3166451    | 1942601   | 1223850   | 1.59 | NO           | 23.53 | 0.95 | 23.50  | 23.56  | 99.99539       | 100.0 |             | 6253    | 4608    |
| 46 | 13C-PCB-105     |      | 3207626    | 1971588   | 1236038   | 1.60 | NO           | 23.88 | 0.96 | 23.85  | 23.91  | 99.83171       | 99.8  |             | 6253    | 4608    |
| 47 | 13C-PCB-126     |      | 3048185    | 1863527   | 1184657   | 1.57 | NO           | 25.48 | 1.02 | 25.44  | 25.51  | 99.95549       | 100.0 |             | 6253    | 4608    |
| 48 | 13C-PCB-155     |      | 3569883    | 1987558   | 1582326   | 1.26 | NO           | 20.49 | 0.99 | 20.46  | 20.53  | 99.65653       | 99.7  |             | 1606    | 1615    |
| 49 | 13C-PCB-167     |      | 2948064    | 1664472   | 1283592   | 1.30 | NO           | 26.38 | 1.06 | 26.35  | 26.42  | 100.03389      | 100.0 |             | 3584    | 3105    |
| 50 | 13C-PCB-156/157 |      | 5620280    | 3186588   | 2433693   | 1.31 | NO           | 27.01 | 1.09 | 26.98  | 27.04  | 198.07492      | 99.0  |             | 3584    | 3105    |
| 51 | 13C-PCB-169     |      | 2666772    | 1511990   | 1154782   | 1.31 | NO           | 28.68 | 1.15 | 28.64  | 28.71  | 99.61662       | 99.6  |             | 3584    | 3105    |
| 52 | 13C-PCB-188     |      | 3227753    | 1654428   | 1573325   | 1.05 | NO           | 23.49 | 0.95 | 23.46  | 23.53  | 99.94420       | 99.9  |             | 2952    | 2393    |
| 53 | 13C-PCB-189     |      | 2705912    | 1393471   | 1312442   | 1.06 | NO           | 29.96 | 0.96 | 29.92  | 29.99  | 99.89147       | 99.9  |             | 6966    | 5550    |
| 54 | 13C-PCB-202     |      | 2710425    | 1294007   | 1416417   | 0.91 | NO           | 26.26 | 1.06 | 26.23  | 26.29  | 99.51120       | 99.5  |             | 2135    | 1892    |
| 55 | 13C-PCB-205     |      | 2225311    | 1064015   | 1161296   | 0.92 | NO           | 31.36 | 1.01 | 31.33  | 31.40  | 101.15575      | 101.2 |             | 4943    | 9201    |
| 56 | 13C-PCB-208     |      | 1910132    | 835929    | 1074203   | 0.78 | NO           | 29.71 | 0.96 | 29.68  | 29.74  | 99.06450       | 99.1  |             | 3247    | 3208    |
| 57 | 13C-PCB-206     |      | 1266055    | 559727    | 706327    | 0.79 | NO           | 32.45 | 1.04 | 32.42  | 32.48  | 101.57701      | 101.6 |             | 3247    | 3208    |
| 58 | 13C-PCB-209     |      | 1915010    | 1042330   | 872681    | 1.19 | NO           | 33.58 | 1.08 | 33.55  | 33.62  | 102.83542      | 102.8 |             | 478     | 500     |
| 59 | 13C-PCB-9       |      | 5130948    | 3143071   | 1987877   | 1.58 | NO           | 11.82 | 0.48 | 11.78  | 11.85  | 88.10091       | 88.1  |             | 31977   | 5101    |
| 60 | 13C-PCB-52      |      | 2675516    | 1189527   | 1485989   | 0.80 | NO           | 16.94 | 0.68 | 16.91  | 16.97  | 89.65028       | 89.7  |             | 15046   | 7148    |
| 61 | 13C-PCB-101     |      | 2349754    | 1433812   | 915942    | 1.57 | NO           | 20.62 | 0.83 | 20.59  | 20.65  | 90.70984       | 90.7  |             | 2460    | 2182    |
| 62 | 13C-PCB-138     |      | 2479328    | 1400476   | 1078852   | 1.30 | NO           | 24.86 | 0.00 | 24.83  | 24.89  | 88.98957       | 89.0  |             | 3584    | 3105    |
| 63 | 13C-PCB-194     |      | 1766580    | 834687    | 931893    | 0.90 | NO           | 31.08 | 1.25 | 31.05  | 31.11  | 89.02310       | 89.0  |             | 4943    | 9201    |
| 64 | Total MoCB-F1   |      |            | 0         |           |      |              |       |      |        |        |                |       |             | 5955    |         |
| 65 | Total DiCB-F1   | 3    |            | 38566939  |           |      |              |       |      |        |        | 3036573.178... |       |             | 4053    |         |
| 66 | Total DiCB-F2   |      |            | 0         |           |      |              |       |      |        |        |                |       |             | 5235    |         |
| 67 | Total TrCB-F1   | 6    |            | 30727097  |           |      |              |       |      |        |        | 29018.00395    |       |             | 2825    |         |
| 68 | Total TrCB-F3   | 9    |            | 145554399 |           |      |              |       |      |        |        | 181967640.7... |       |             | 9498    |         |
| 69 | Total TeCB-F2   | 3    |            | 34111350  |           |      |              |       |      |        |        | 10099.70121    |       |             | 1314    |         |
| 70 | Total TeCB-F4   | 15   |            | 79039324  |           |      |              |       |      |        |        | 1907395.050... |       |             | 3136    |         |
| 71 | Total PeCB-F3   | 5    |            | 46494452  |           |      |              |       |      |        |        | 25525.03368    |       |             | 1994    |         |
| 72 | Total PeCB-F5   | 19   |            | 233434627 |           |      |              |       |      |        |        | 8008565.993... |       |             | 13087   |         |
| 73 | Total HxCB-F4   | 11   |            | 42562422  |           |      |              |       |      |        |        | 99858.62524    |       |             | 1896    |         |
| 74 | Total HxCB-F5   | 27   |            | 156574060 |           |      |              |       |      |        |        | 12124249.90... |       |             | 11809   |         |

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43

|     | Target Analyte    | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra | Ra Fail=Y... | RT | RRT | RT LCL | RT UCL | Conc.          | %Rec | Mod.Comment | Noise 1  | Noise 2 |
|-----|-------------------|------|------------|-----------|-----------|----|--------------|----|-----|--------|--------|----------------|------|-------------|----------|---------|
| 75  | Total HpCB-F5     | 27   |            | 131538704 |           |    |              |    |     |        |        | 194742470.7... |      |             | 5737     |         |
| 76  | Total HpCB-F6     | 6    |            | 29409309  |           |    |              |    |     |        |        | 4779569.393... |      |             | 11573    |         |
| 77  | Total OcCB-F5     | 20   |            | 28286920  |           |    |              |    |     |        |        | 625596.95024   |      |             | 2421     |         |
| 78  | Total OcCB-F6     | 9    |            | 23551094  |           |    |              |    |     |        |        | 5759680.599... |      |             | 17464    |         |
| 79  | Total NoCB-F6     | 7    |            | 31691200  |           |    |              |    |     |        |        | 107867.54449   |      |             | 6512     |         |
| 80  | Total DeCB-F7     | 1    |            | 18779642  |           |    |              |    |     |        |        | 2005.24902     |      |             | 749      |         |
| 81  | Total 13C-MoCB-F1 | 3    |            | 7714845   |           |    |              |    |     |        |        | 22242.24626    |      |             | 3432     |         |
| 82  | Total 13C-DiCB-F1 | 3    |            | 5170644   |           |    |              |    |     |        |        | 189.92152      |      |             | 31977    |         |
| 83  | Total 13C-DiCB-F2 | 1    |            | 3084906   |           |    |              |    |     |        |        | 105.17054      |      |             | 53829    |         |
| 84  | Total 13C-TrCB-F1 | 1    |            | 1327679   |           |    |              |    |     |        |        | 102.51529      |      |             | 87332    |         |
| 85  | Total 13C-TrCB-F3 | 5    |            | 7378803   |           |    |              |    |     |        |        | 34256.34088    |      |             | 94456    |         |
| 86  | Total 13C-TeCB-F2 | 2    |            | 1616402   |           |    |              |    |     |        |        | 4744.17263     |      |             | 12078    |         |
| 87  | Total 13C-TeCB-F3 | 6    |            | 1244505   |           |    |              |    |     |        |        | 93.29376       |      |             | 15046    |         |
| 88  | Total 13C-TeCB-F4 | 8    |            | 3443675   |           |    |              |    |     |        |        | 106030.09856   |      |             | 13857    |         |
| 89  | Total 13C-PeCB-F3 | 5    |            | 2025743   |           |    |              |    |     |        |        | 15919.09466    |      |             | 1755     |         |
| 90  | Total 13C-PeCB-F4 | 9    |            | 4808294   |           |    |              |    |     |        |        | 299.59044      |      |             | 2460     |         |
| 91  | Total 13C-PeCB-F5 | 14   |            | 10156121  |           |    |              |    |     |        |        | 267809.59825   |      |             | 6253     |         |
| 92  | Total 13C-HxCB-F4 | 6    |            | 2003983   |           |    |              |    |     |        |        | 20059.99047    |      |             | 1606     |         |
| 93  | Total 13C-HxCB-F5 | 14   |            | 9634257   |           |    |              |    |     |        |        | 626.42069      |      |             | 3584     |         |
| 94  | Total 13C-HpCB-F5 | 15   |            | 2971988   |           |    |              |    |     |        |        | 136345.11870   |      |             | 2952     |         |
| 95  | Total 13C-HpCB-F6 | 8    |            | 1544784   |           |    |              |    |     |        |        | 258811.30209   |      |             | 6966     |         |
| 96  | Total 13C-OcCB-F5 | 14   |            | 1312474   |           |    |              |    |     |        |        | 36435.83216    |      |             | 2135     |         |
| 97  | Total 13C-OcCB-F6 | 9    |            | 1998821   |           |    |              |    |     |        |        | 210.17926      |      |             | 4943     |         |
| 98  | Total 13C-NoCB-F6 | 6    |            | 1398412   |           |    |              |    |     |        |        | 6984.76271     |      |             | 3247     |         |
| 99  | Total 13C-DeCB-F7 | 1    |            | 1042330   |           |    |              |    |     |        |        | 102.83542      |      |             | 478      |         |
| 100 | Lockmass F1       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 21336... |         |
| 101 | Lockmass F2       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 967150   |         |
| 102 | Lockmass F3       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 18171... |         |
| 103 | Lockmass F4       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 944471   |         |
| 104 | Lockmass F5       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 388921   |         |
| 105 | Lockmass F6       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 240257   |         |
| 106 | Lockmass F7       |      |            | 0         |           |    |              |    |     |        |        |                |      |             | 56918    |         |

**Quantify Audit Report MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

| Date      | Time     | Event             | Details   | Comments |
|-----------|----------|-------------------|---|----------|
| 03-May-19 | 08:59:10 | Process Extract   |   |          |
| 03-May-19 | 08:59:10 | Process Integrate |   |          |
| 03-May-19 | 08:59:10 | Process Calibrate |   |          |
| 03-May-19 | 08:59:10 | Process Quantify  |   |          |
| 03-May-19 | 08:59:14 | Dataset Created   |   |          |
| 03-May-19 | 08:59:41 | Peak deleted      | Sample:5-190502B05, Compound:DiCB-F2, RT:14.695           |          |
| 03-May-19 | 08:59:41 | Peak deleted      | Sample:5-190502B05, Compound:DiCB-F2, RT:14.658           |          |
| 03-May-19 | 08:59:41 | Peak deleted      | Sample:5-190502B05, Compound:DiCB-F2, RT:14.428           |          |
| 03-May-19 | 08:59:41 | Peak deleted      | Sample:5-190502B05, Compound:DiCB-F2, RT:14.234           |          |
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| 03-May-19 | 08:59:41 | Peak deleted      | Sample:5-190502B05, Compound:DiCB-F2, RT:13.866           |          |
| 03-May-19 | 08:59:41 | Peak deleted      | Sample:5-190502B05, Compound:DiCB-F2, RT:13.350           |          |
| 03-May-19 | 08:59:49 | Peak deleted      | Sample:5-190502B05, Compound:MoCB-F1, RT:12.580           |          |
| 03-May-19 | 08:59:49 | Peak deleted      | Sample:5-190502B05, Compound:MoCB-F1, RT:11.031           |          |
| 03-May-19 | 08:59:49 | Peak deleted      | Sample:5-190502B05, Compound:MoCB-F1, RT:10.567           |          |
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| 03-May-19 | 08:59:49 | Peak deleted      | Sample:5-190502B05, Compound:MoCB-F1, RT:8.864            |          |
| 03-May-19 | 09:01:04 | Dataset Saved     | Saved to 'I:\Organics Instrument\HIGHRES GCMS Complete... |          |
| 03-May-19 | 09:01:47 | Calibration Saved | Saved to 'C:\MassLynx\PCB.PRO\CurveDB\5-190502B-ICAL....  |          |
| 03-May-19 | 09:01:49 | Dataset Saved     | Saved to 'I:\Organics Instrument\HIGHRES GCMS Complete... |          |

Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

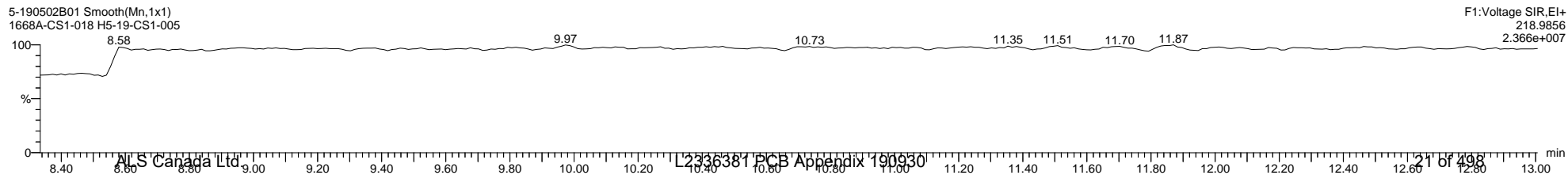
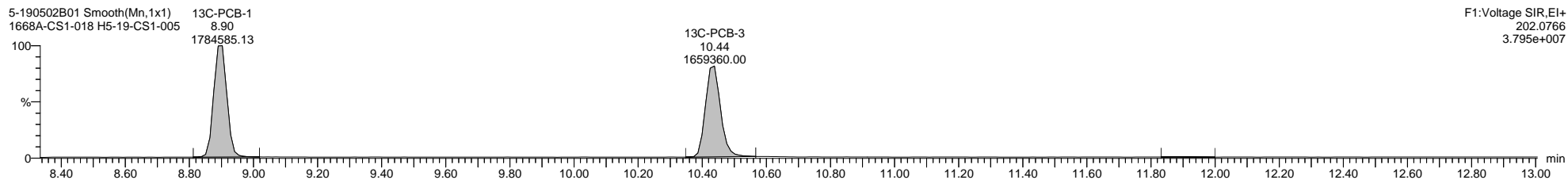
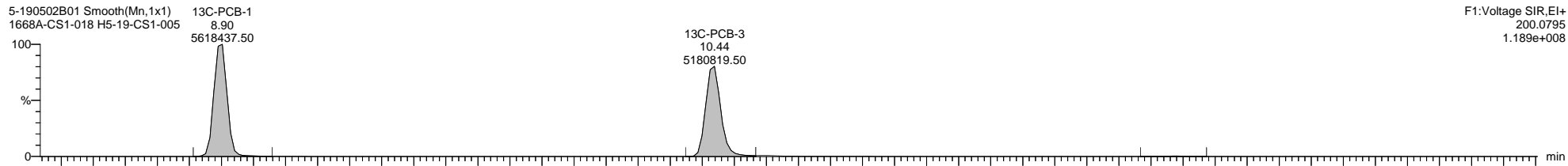
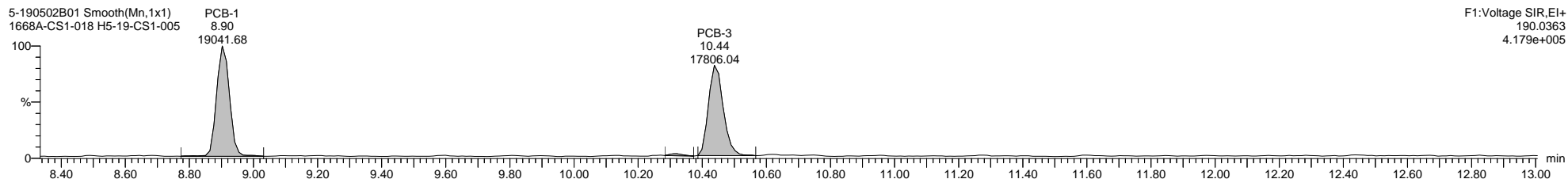
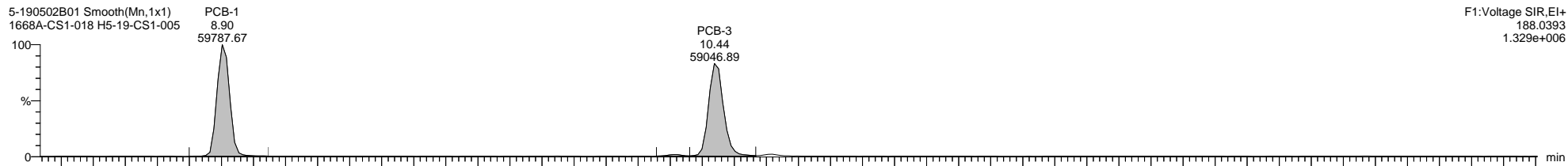
Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Method: C:\MassLynx\PCB.PRO\MethDB\1668-OCTYL-1-ICAL.mdb 28 Dec 2018 11:55:27

Calibration: C:\MassLynx\PCB.PRO\CurveDB\5-190502B-ICAL.cdb 03 May 2019 08:59:50

Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40



Quantify Sample Template Report

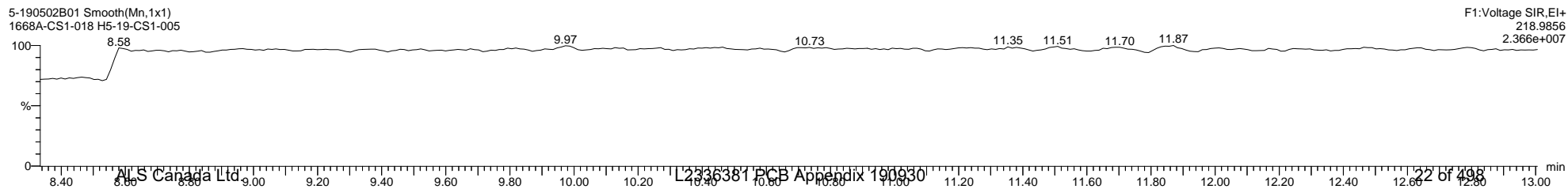
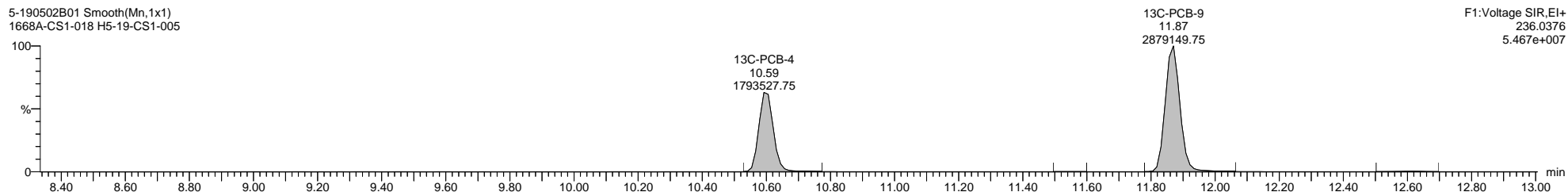
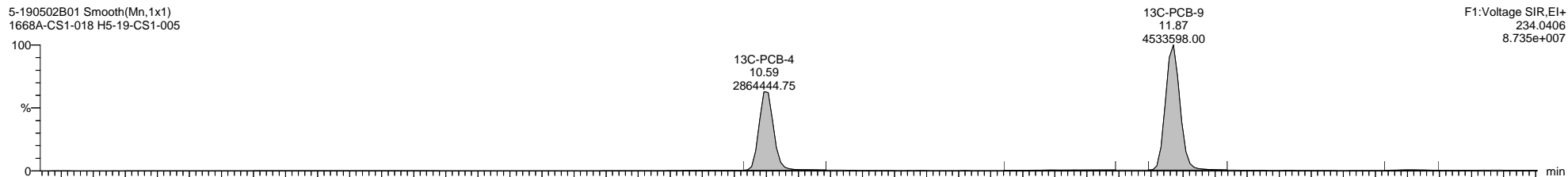
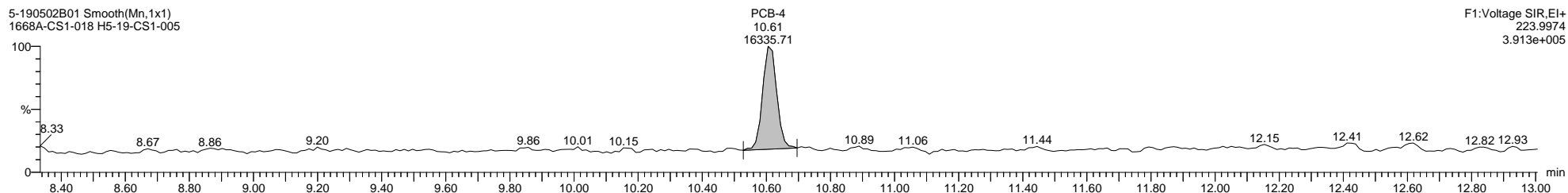
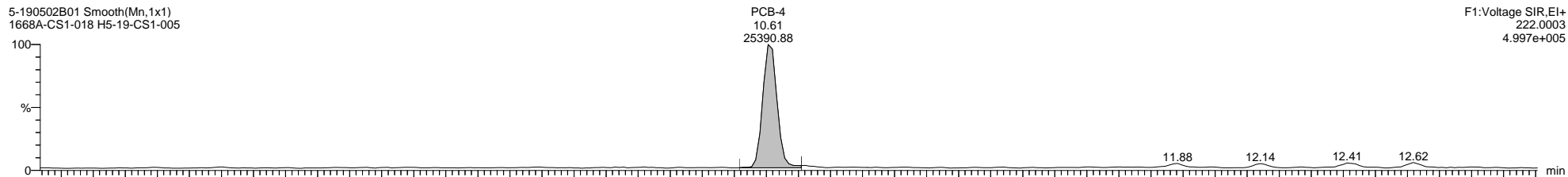
MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40



Quantify Sample Template Report

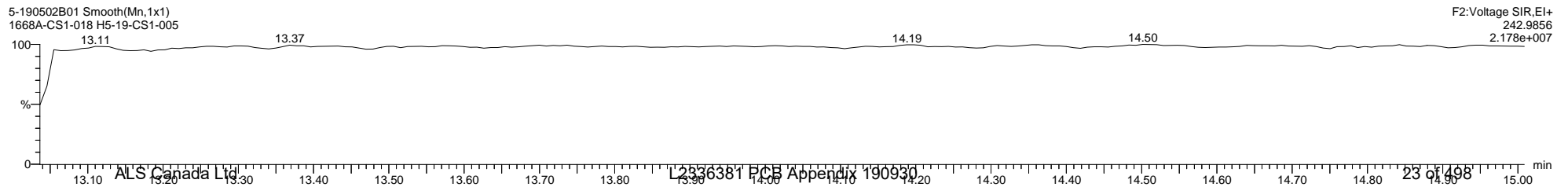
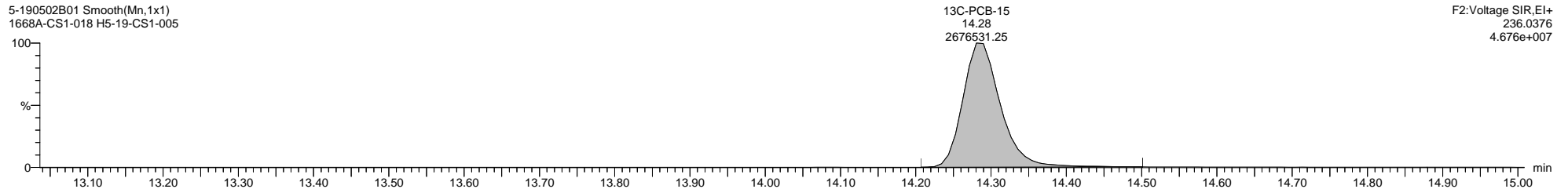
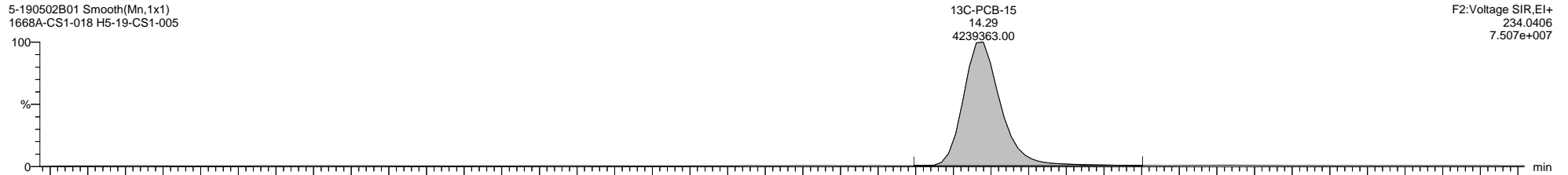
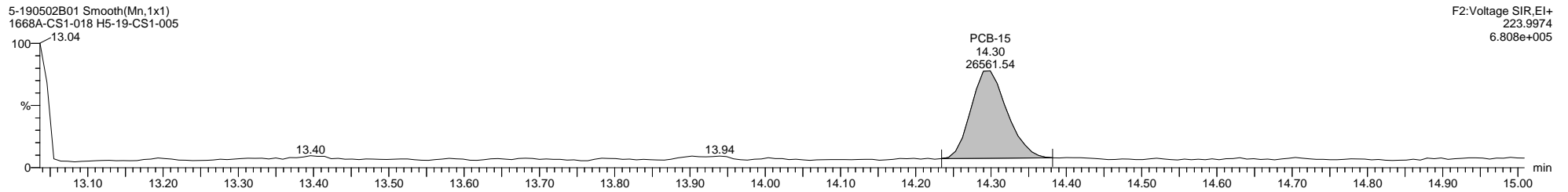
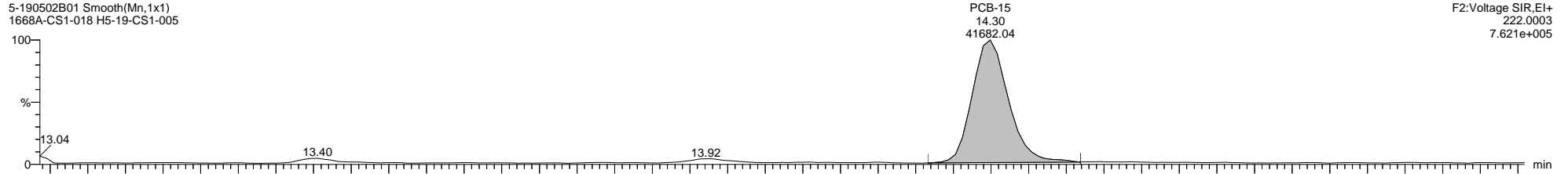
MassLynx MassLynx V4.1 SCN 901

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Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40



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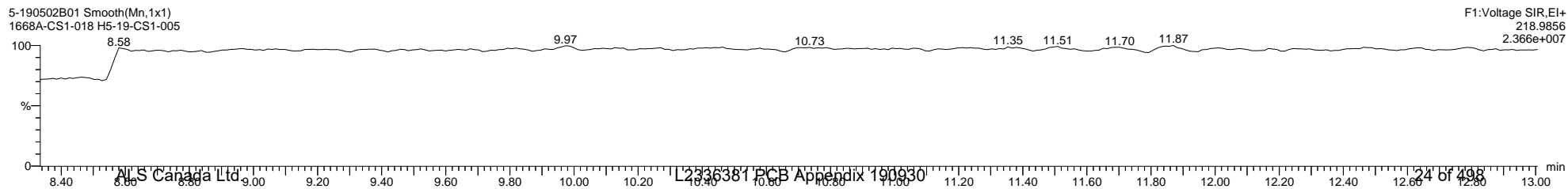
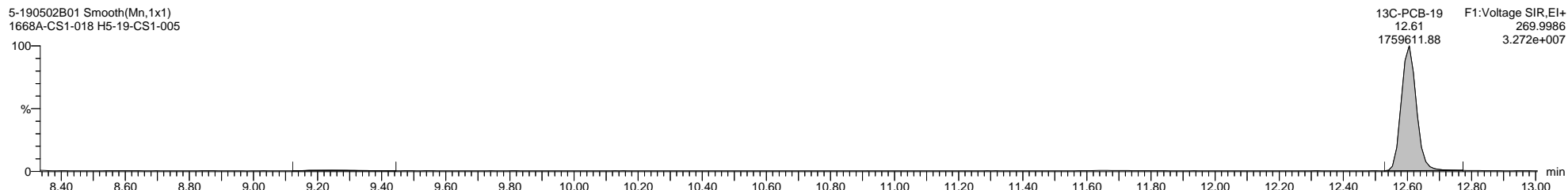
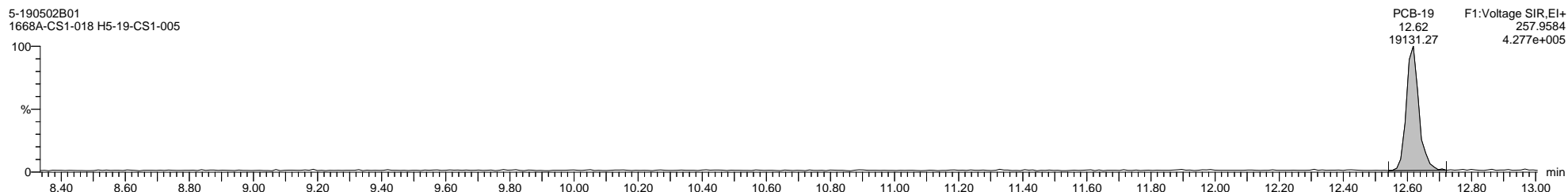
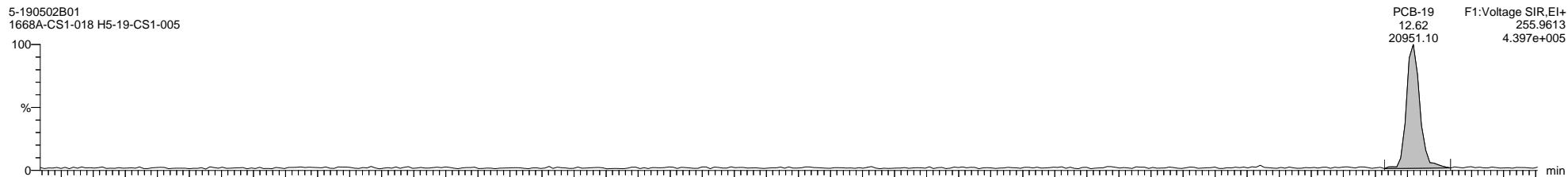
MassLynx MassLynx V4.1 SCN 901

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Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40





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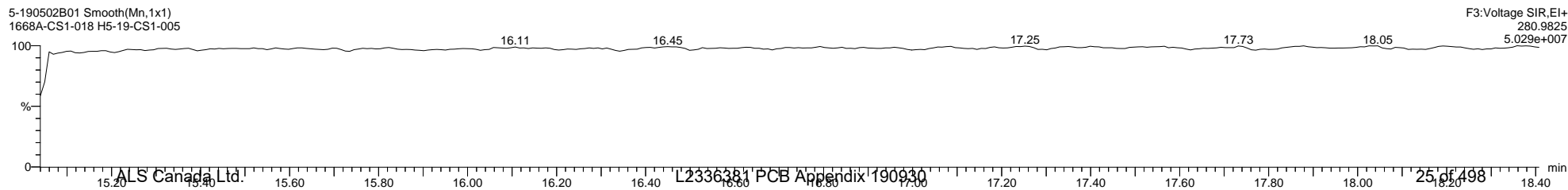
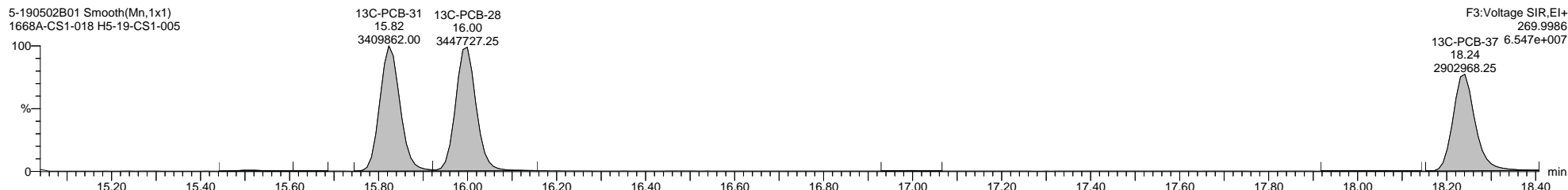
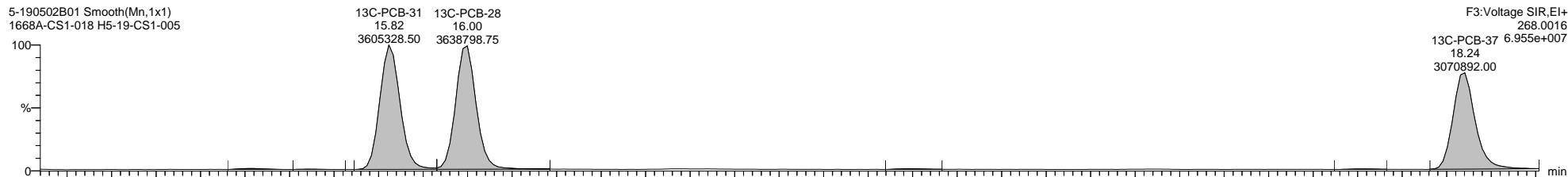
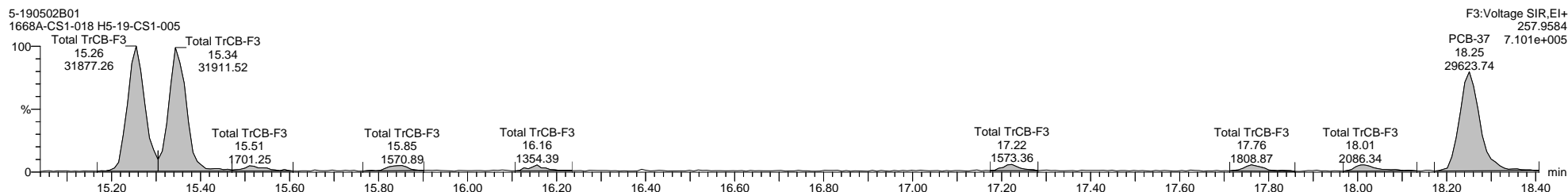
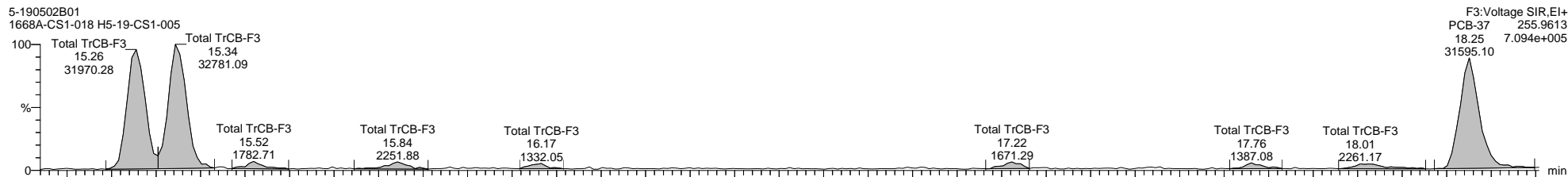
MassLynx MassLynx V4.1 SCN 901

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Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40



Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

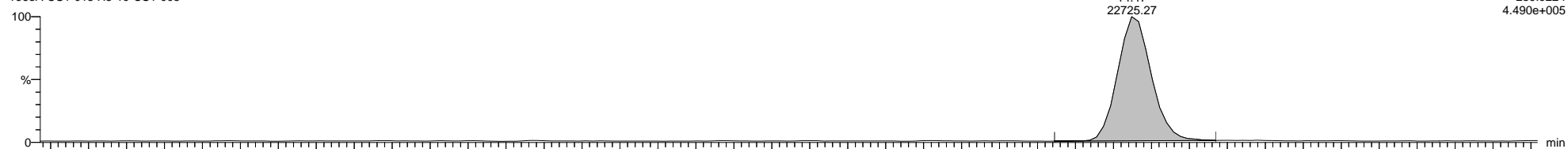
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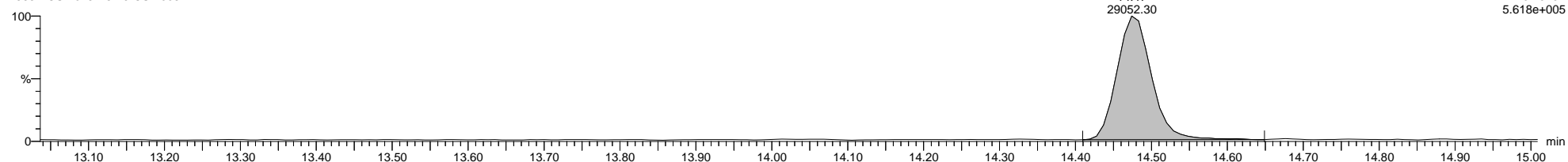
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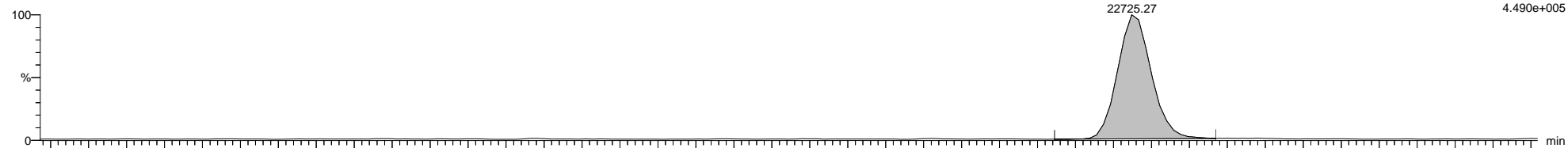
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1668A-CS1-018 H5-19-CS1-005



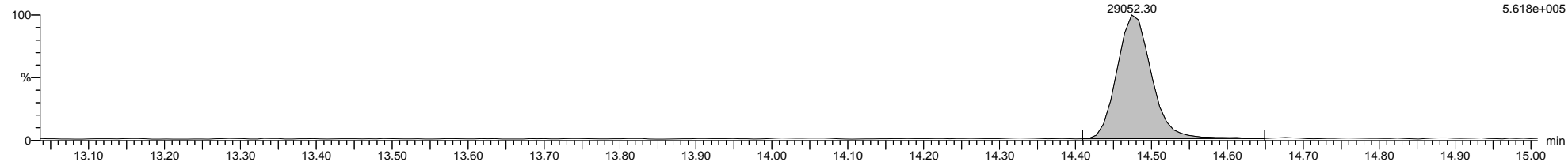
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1668A-CS1-018 H5-19-CS1-005



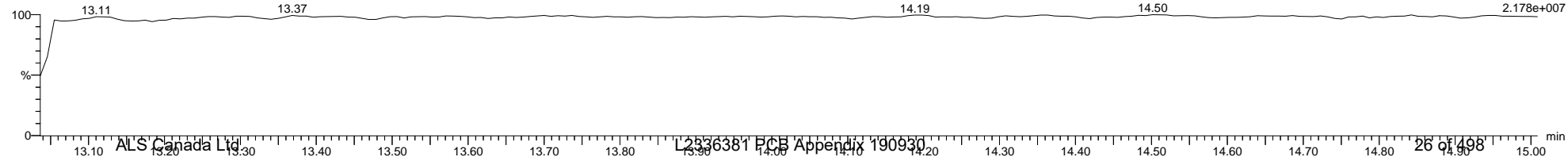
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1668A-CS1-018 H5-19-CS1-005



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MassLynx MassLynx V4.1 SCN 901

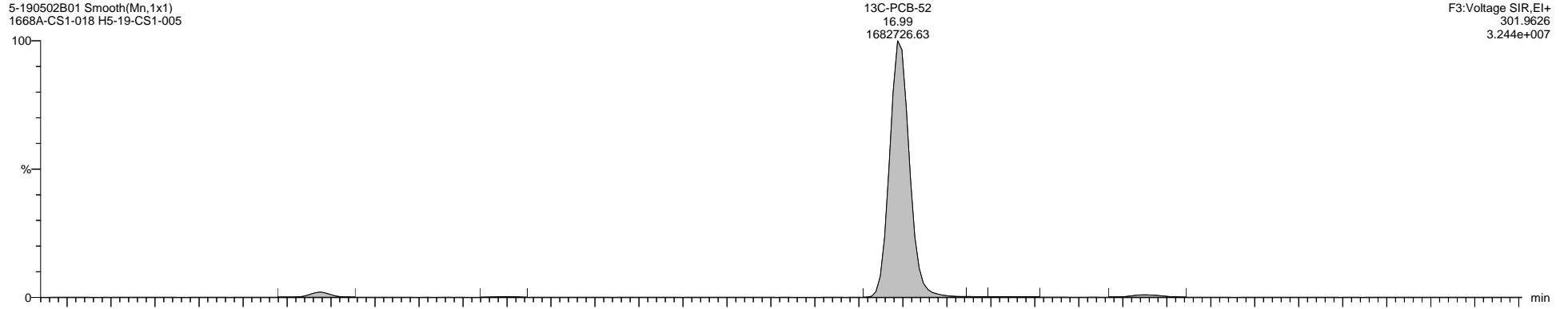
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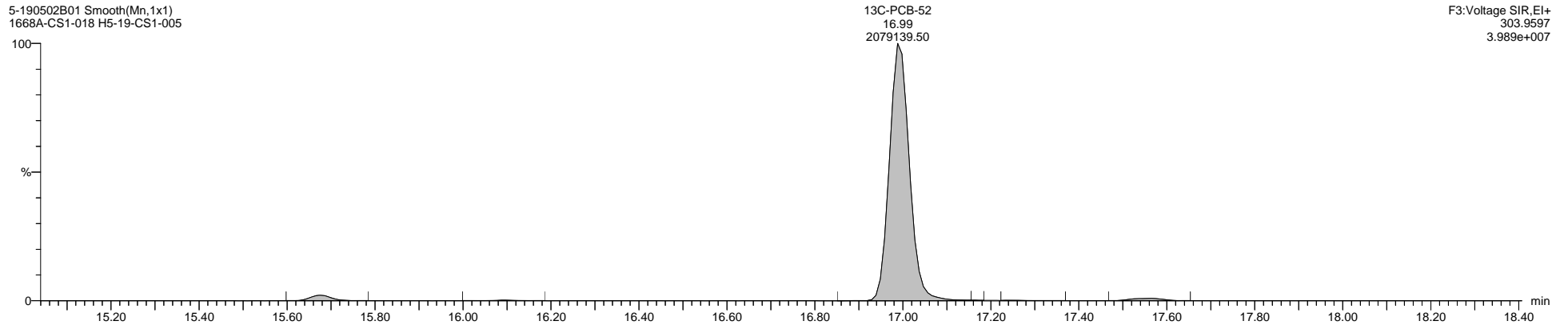
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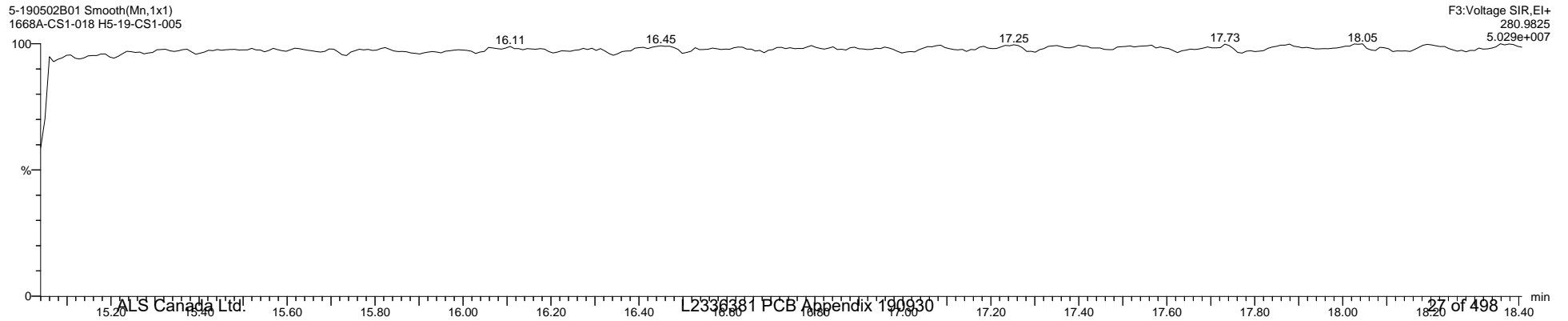
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1668A-CS1-018 H5-19-CS1-005



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1668A-CS1-018 H5-19-CS1-005



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Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

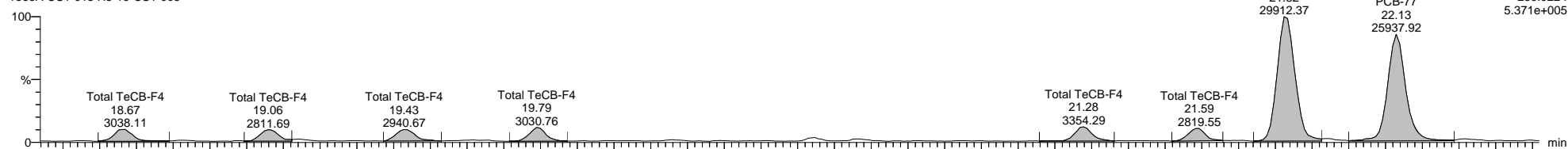
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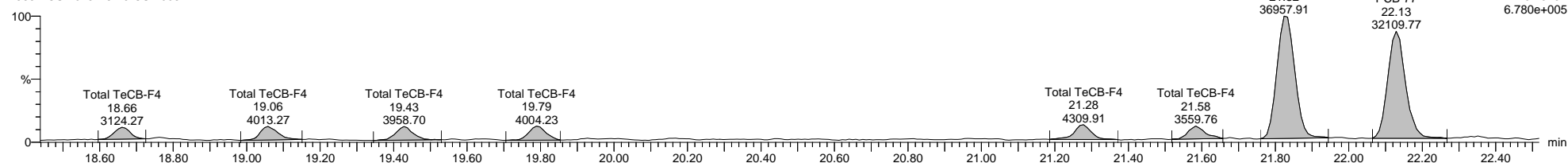
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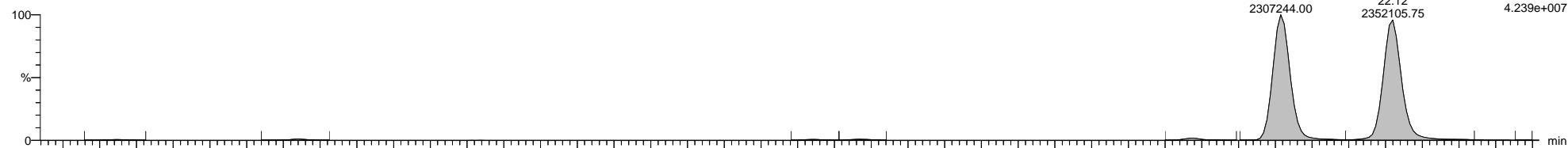
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1668A-CS1-018 H5-19-CS1-005



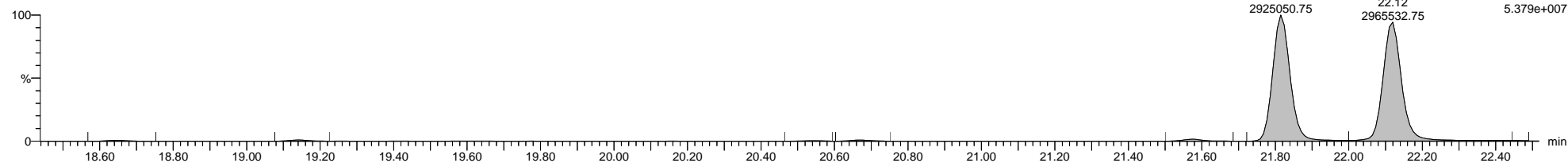
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1668A-CS1-018 H5-19-CS1-005



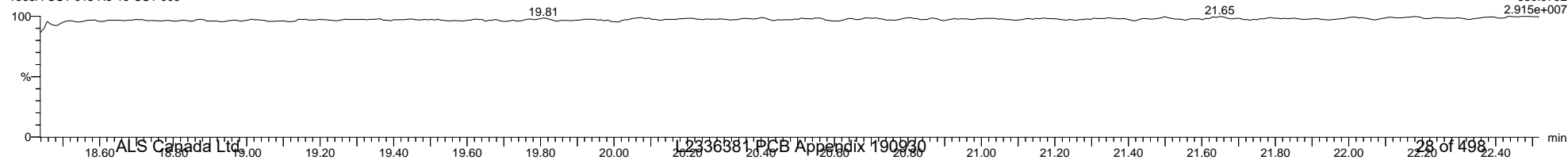
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Quantify Sample Template Report

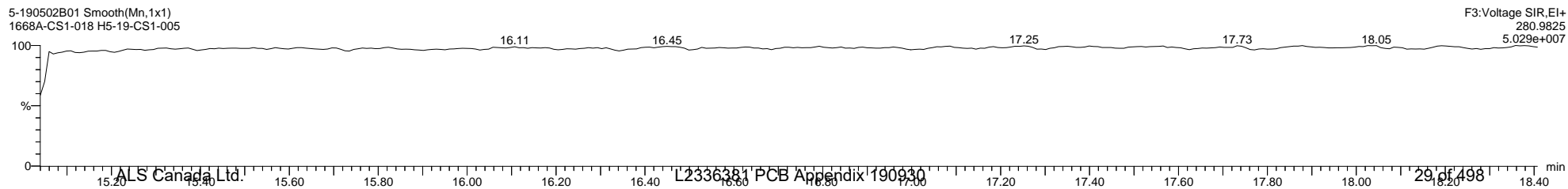
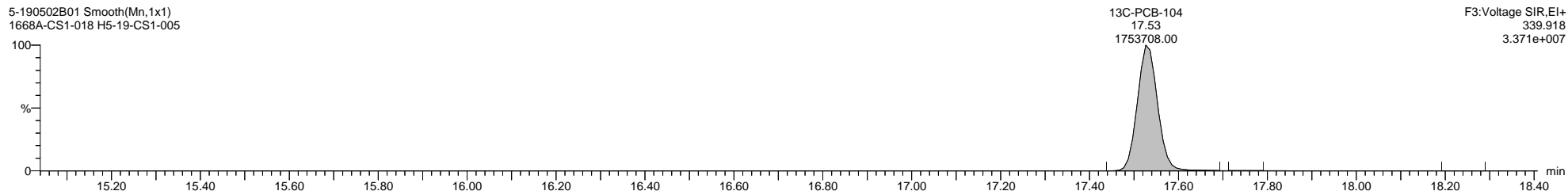
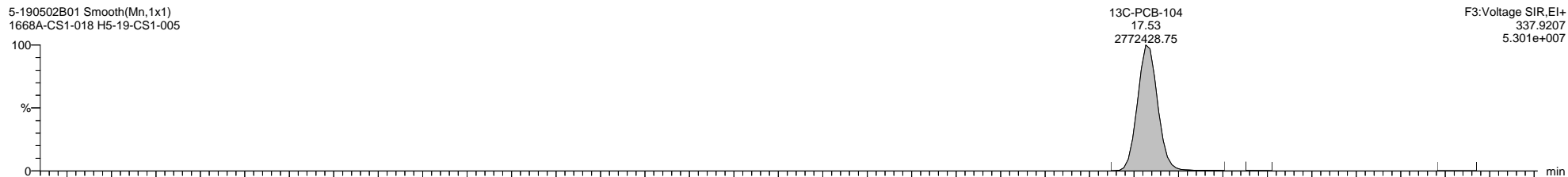
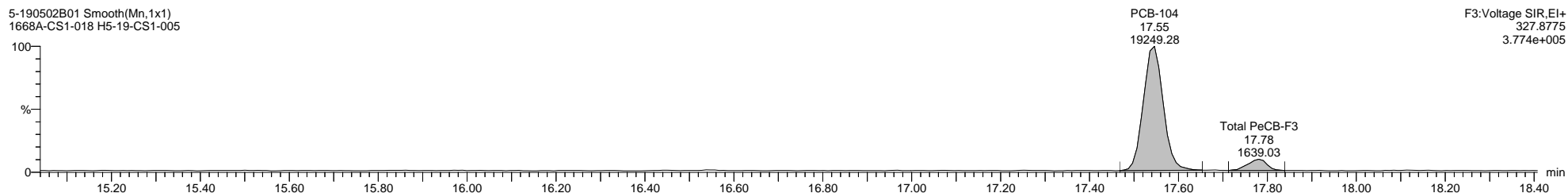
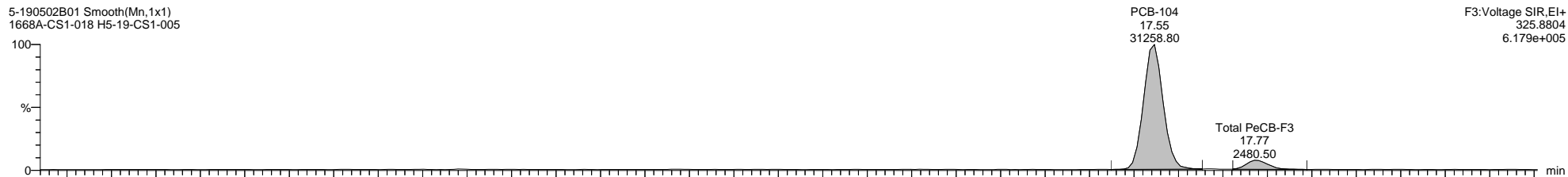
MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40



Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

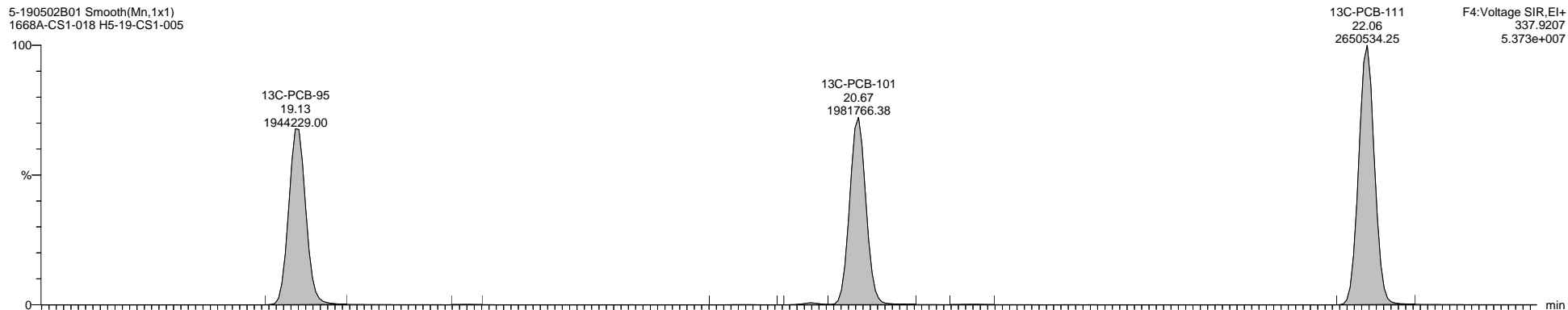
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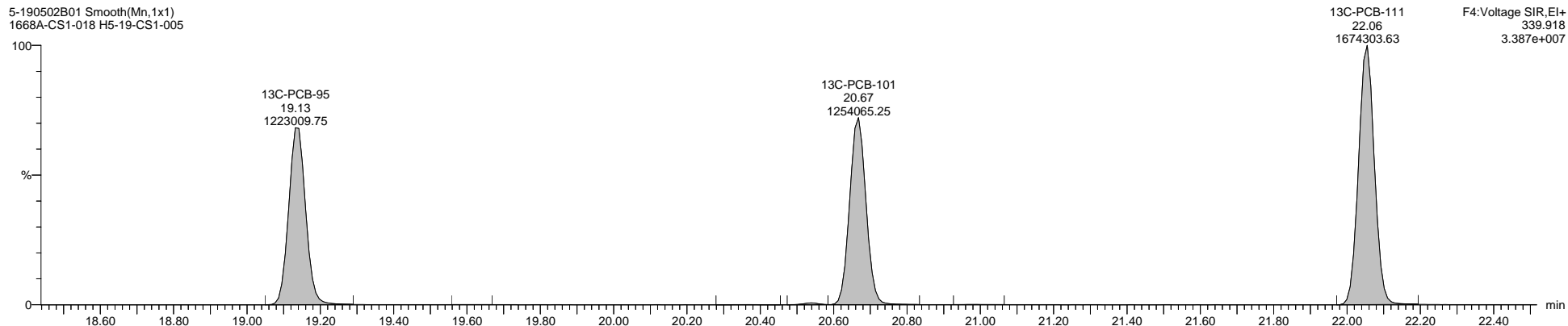
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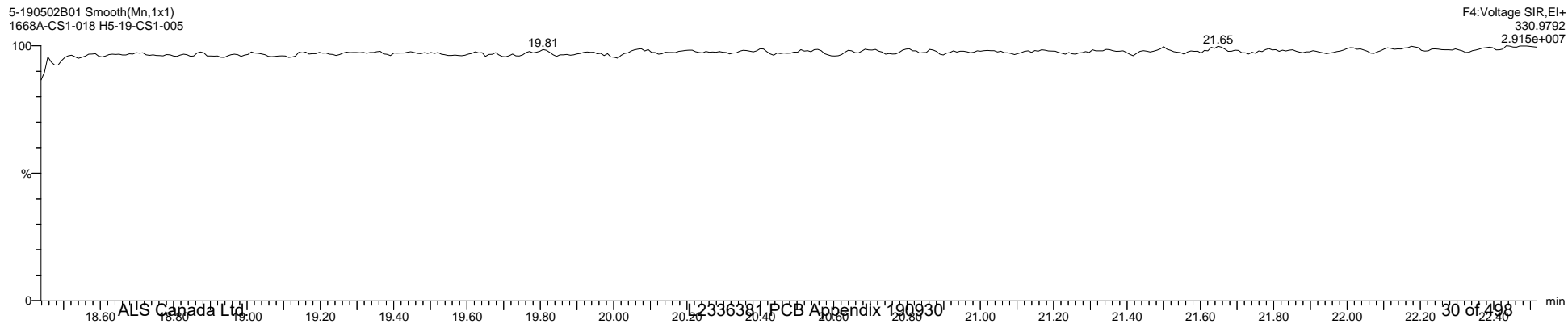
5-190502B01 Smooth(Mn,1x1)  
1668A-CS1-018 H5-19-CS1-005



5-190502B01 Smooth(Mn,1x1)  
1668A-CS1-018 H5-19-CS1-005



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1668A-CS1-018 H5-19-CS1-005

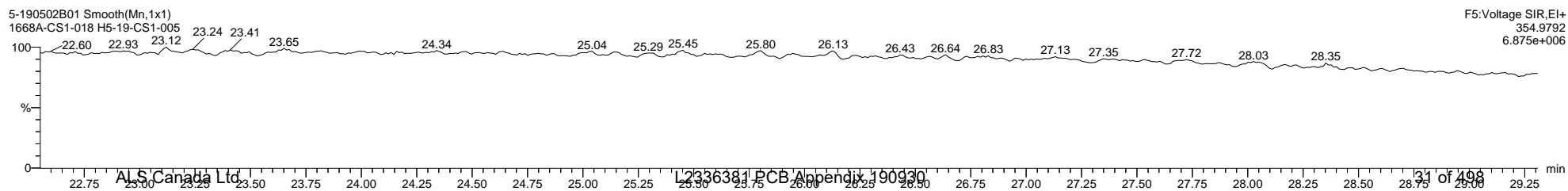
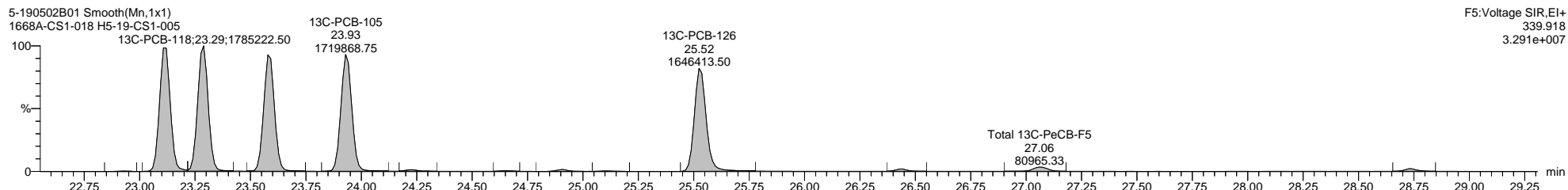
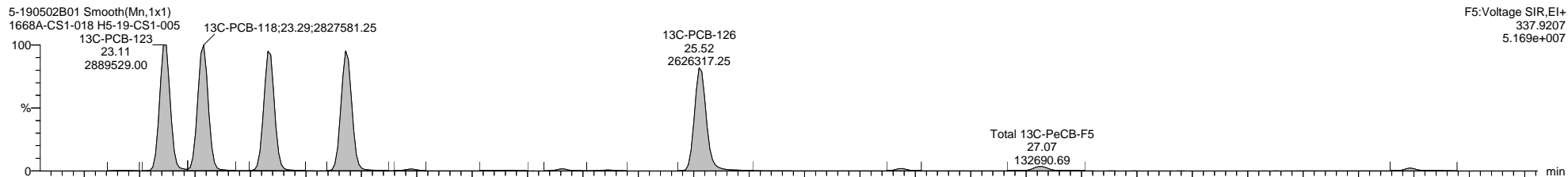
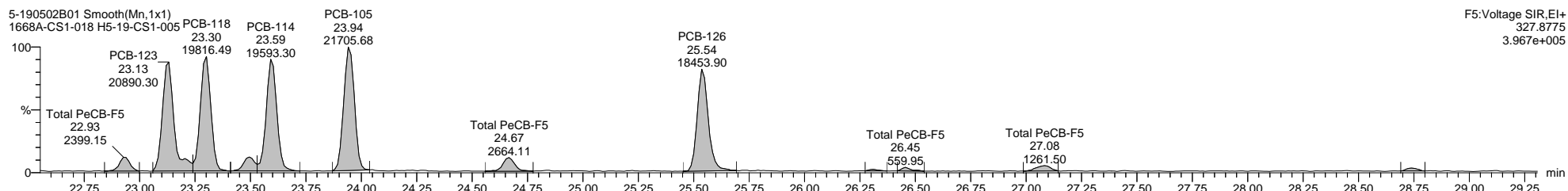
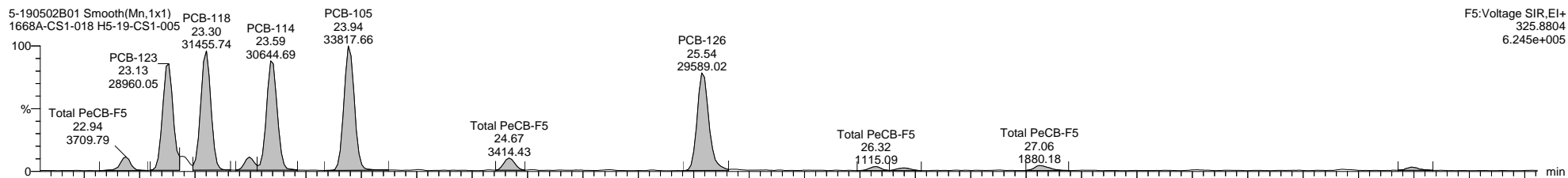


**Quantify Sample Template Report**      **MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time  
 Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

**Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40**



Quantify Sample Template Report

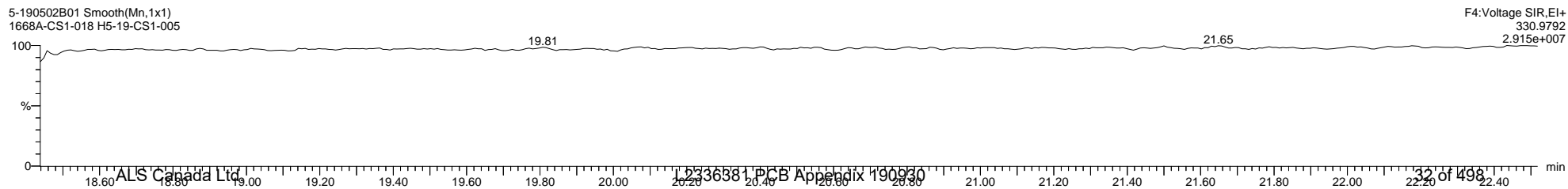
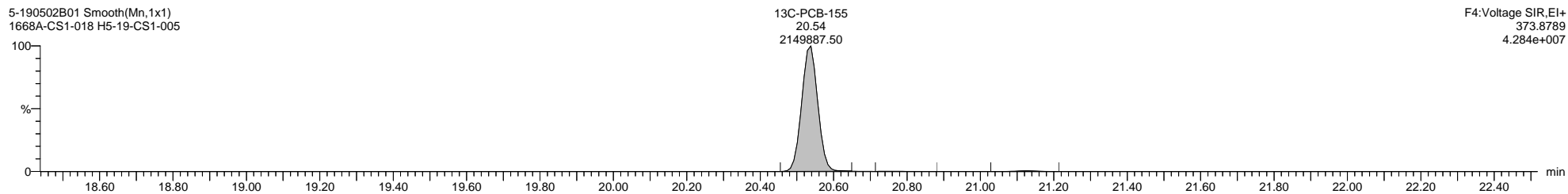
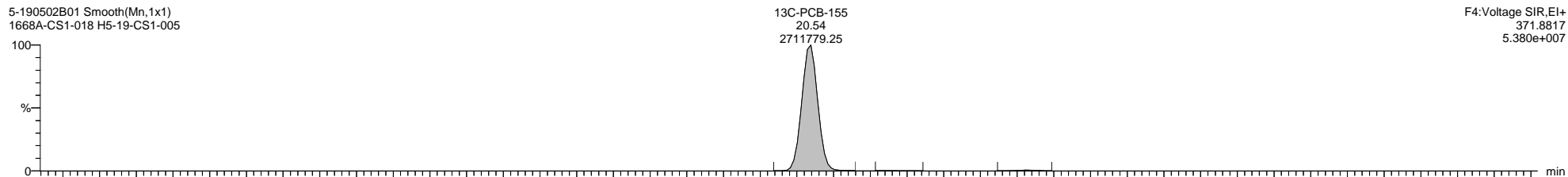
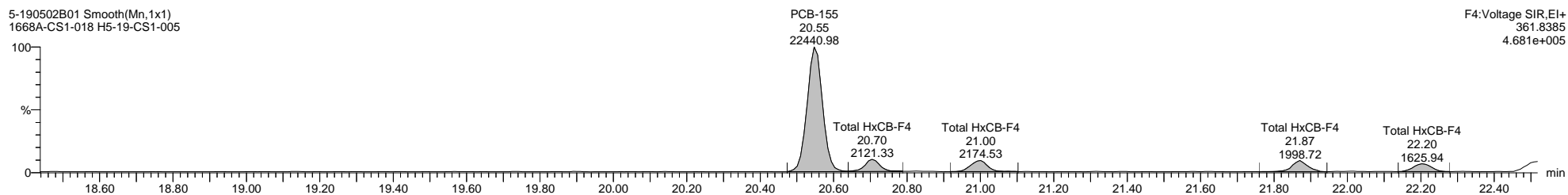
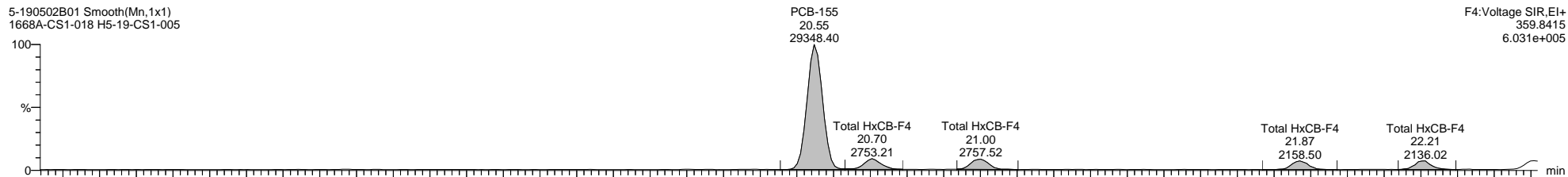
MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40





Quantify Sample Template Report

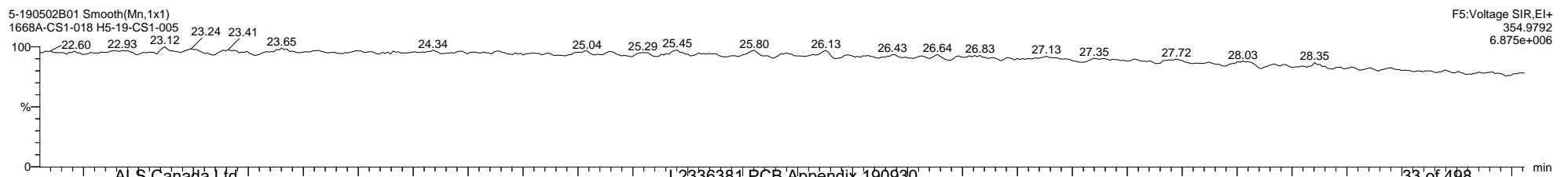
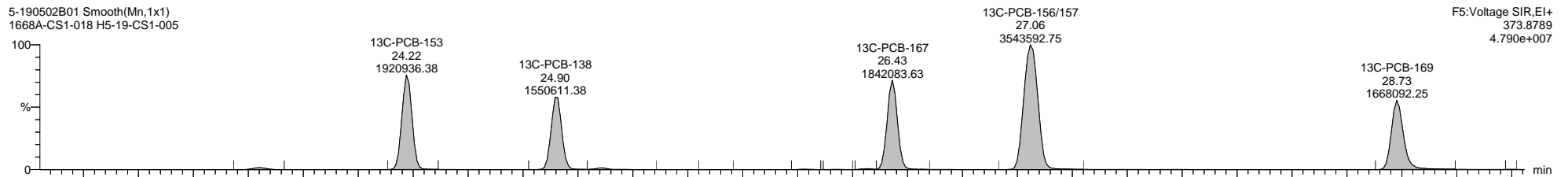
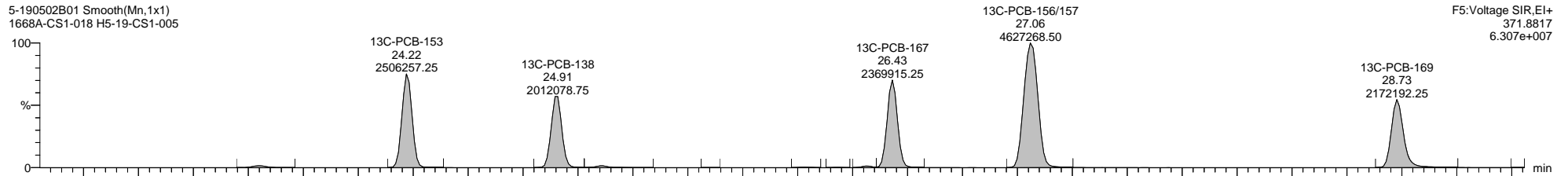
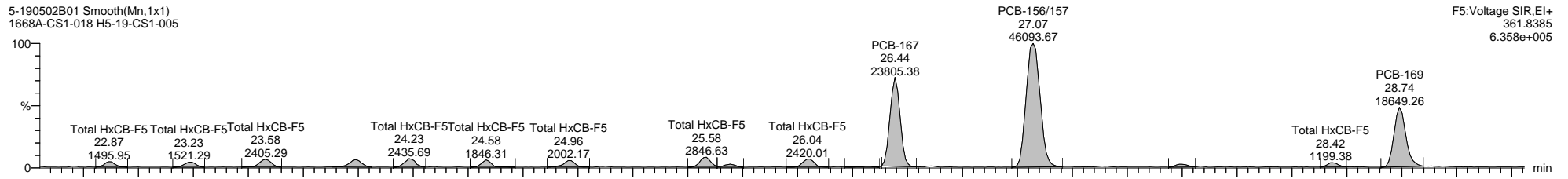
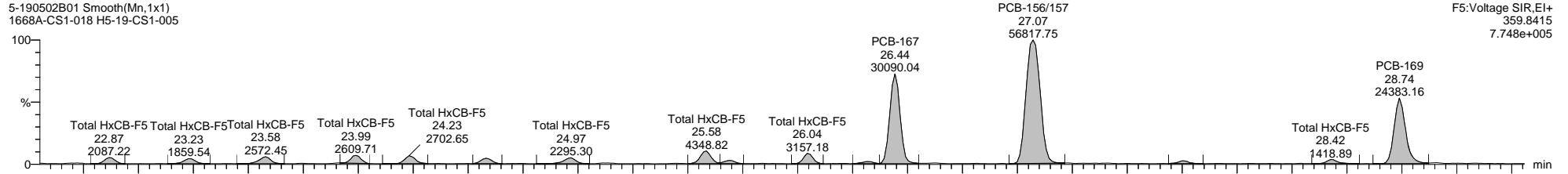
MassLynx MassLynx V4.1 SCN 901

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Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40



Quantify Sample Template Report

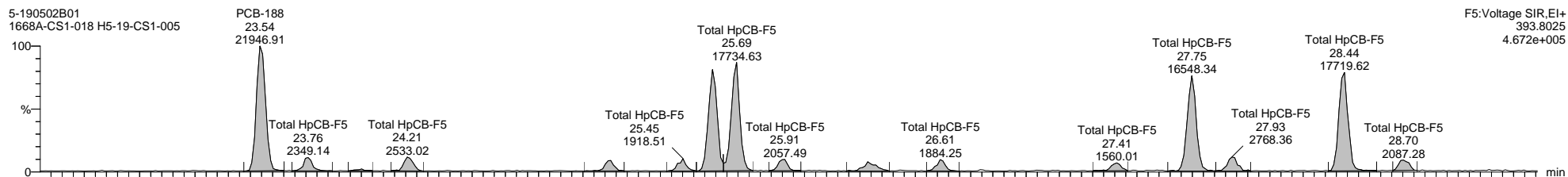
MassLynx MassLynx V4.1 SCN 901

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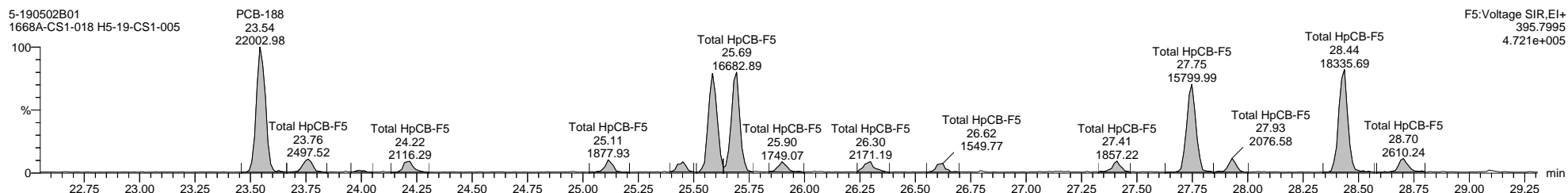
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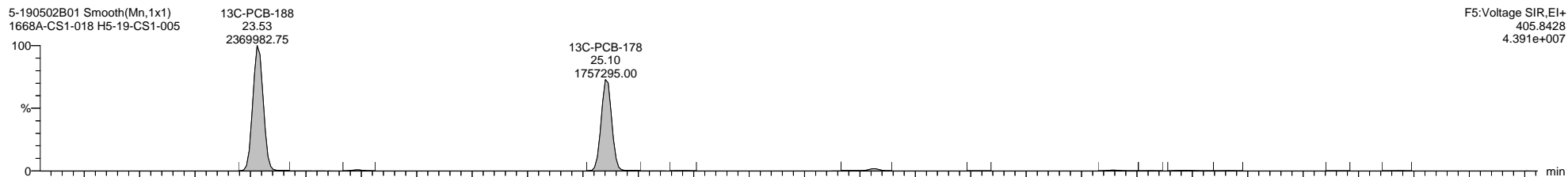
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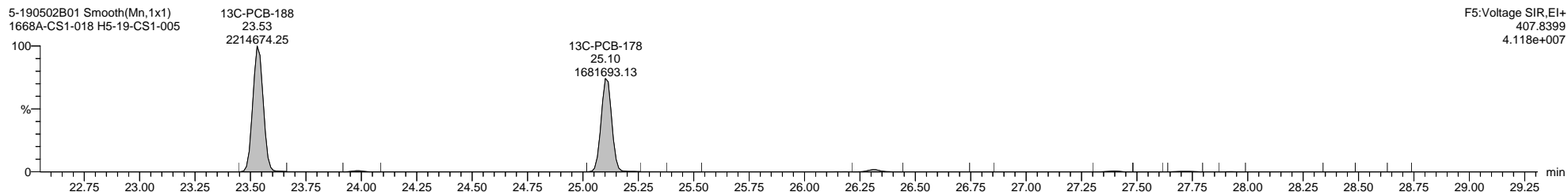
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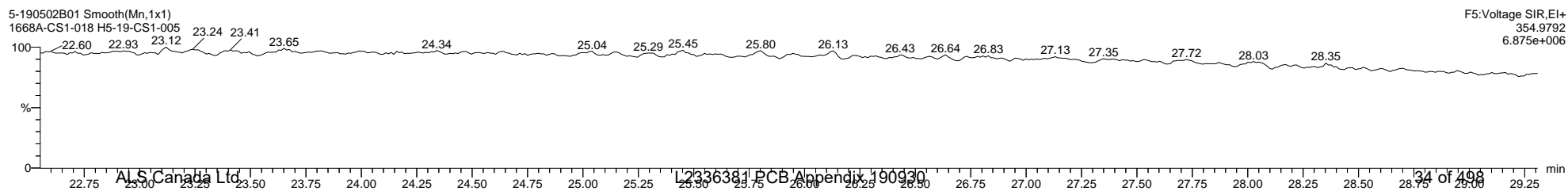
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F5:Voltage SIR,EI+  
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F5:Voltage SIR,EI+  
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F5:Voltage SIR,EI+  
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Quantify Sample Template Report

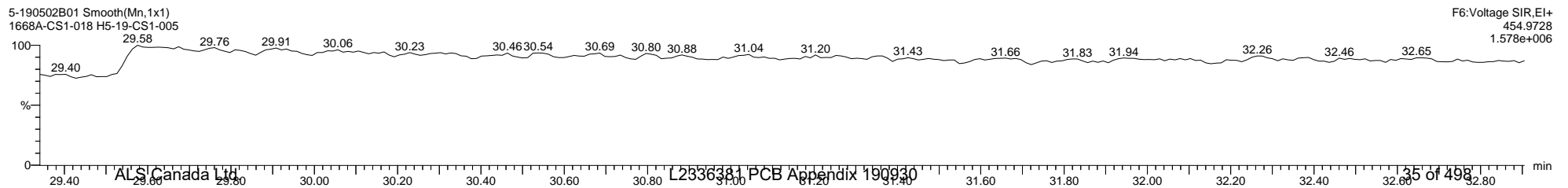
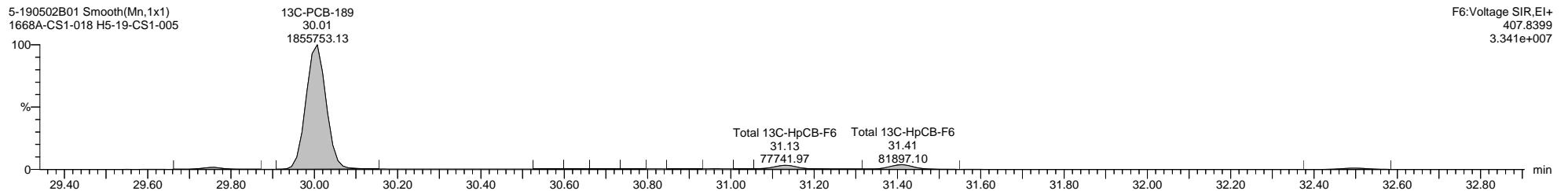
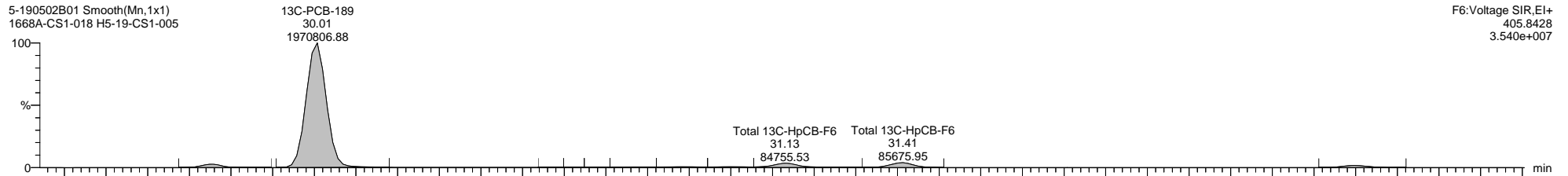
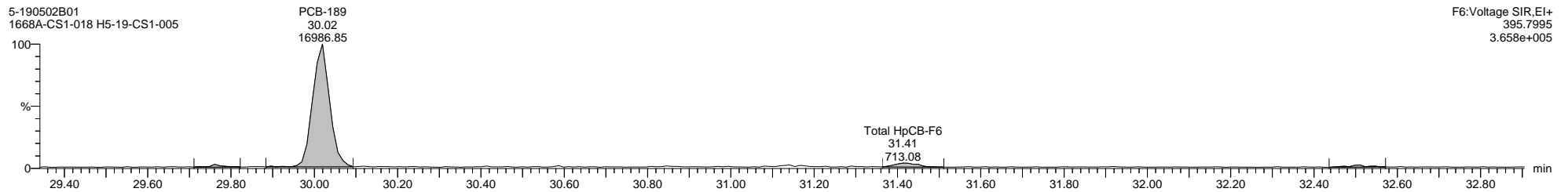
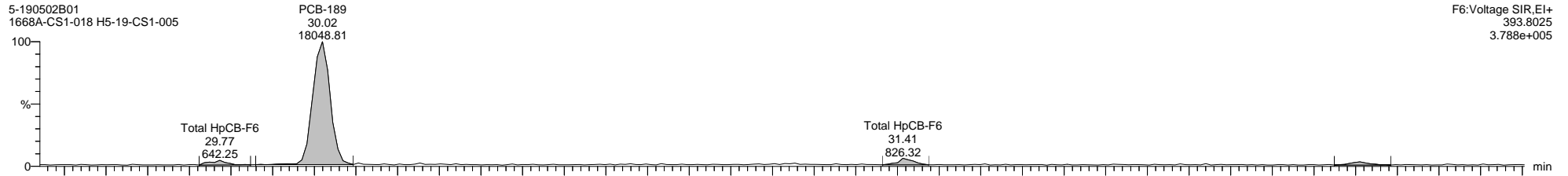
MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

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Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40



Quantify Sample Template Report

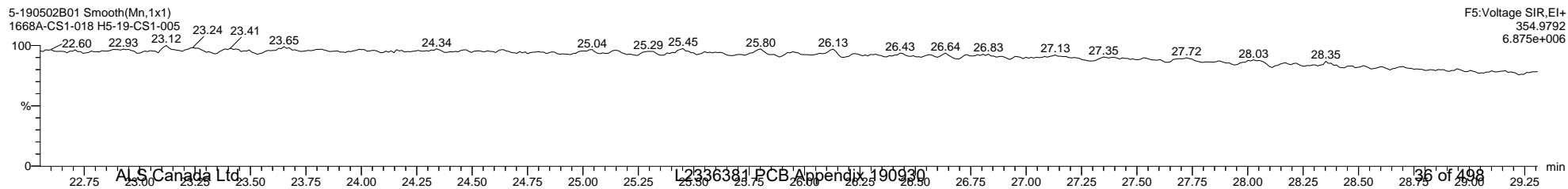
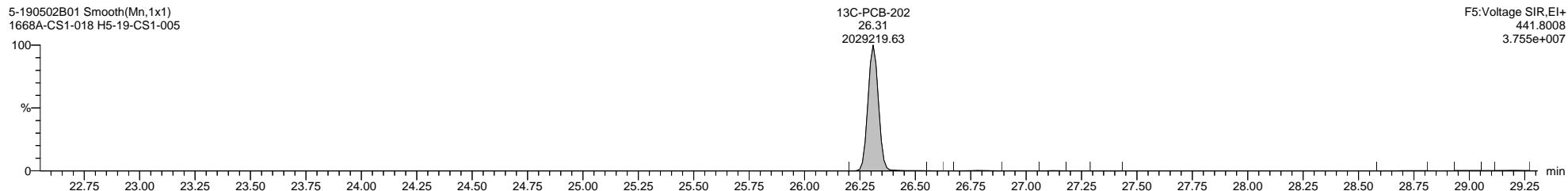
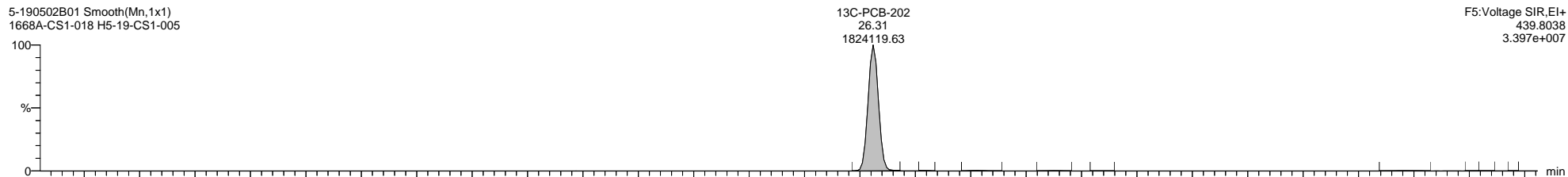
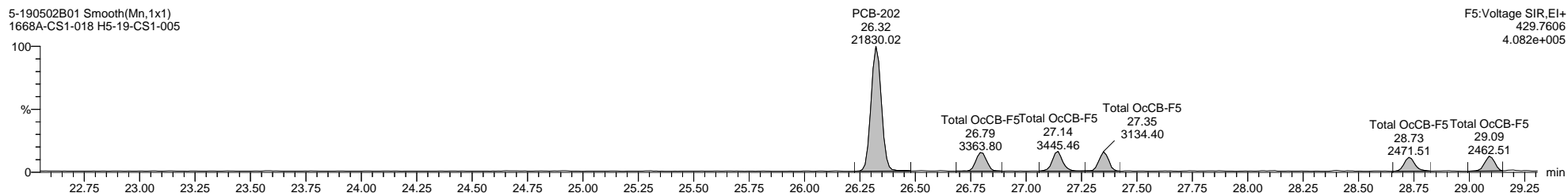
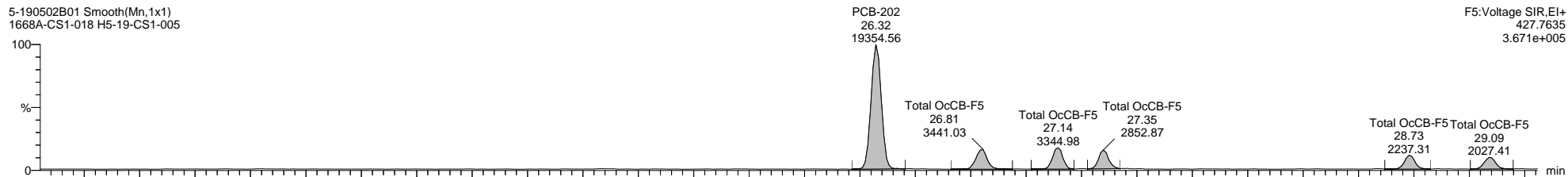
MassLynx MassLynx V4.1 SCN 901

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Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

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Quantify Sample Template Report

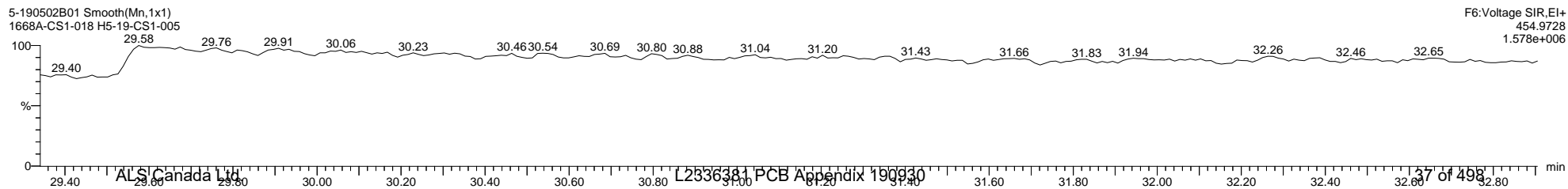
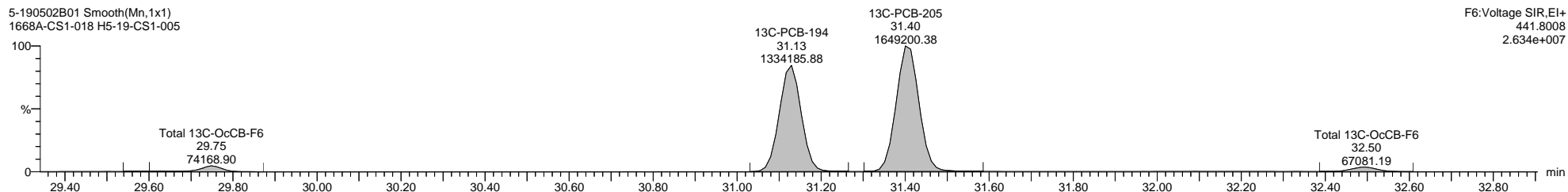
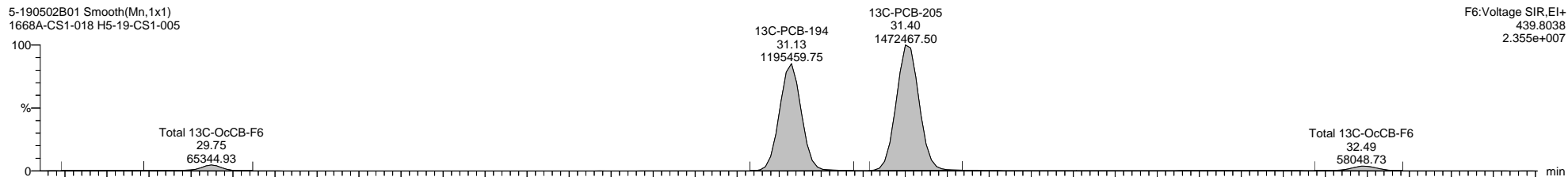
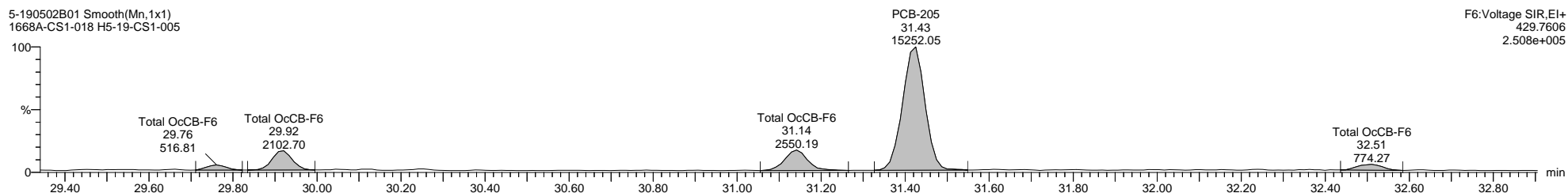
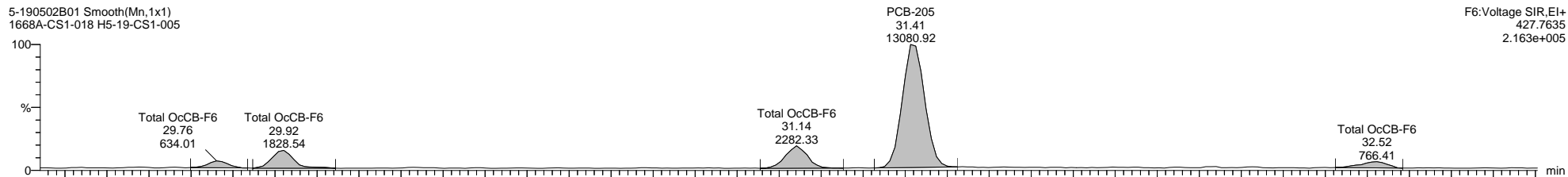
MassLynx MassLynx V4.1 SCN 901

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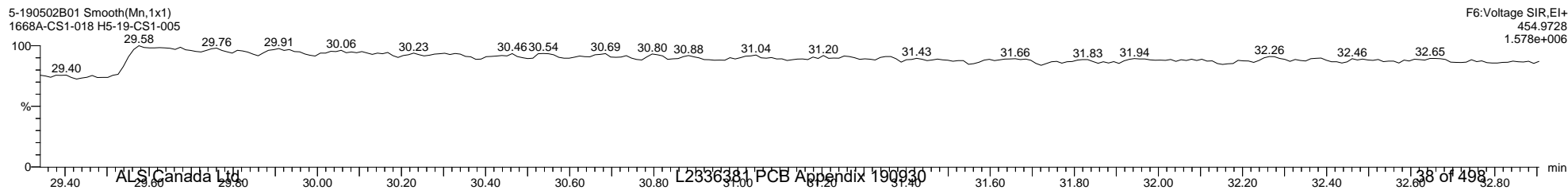
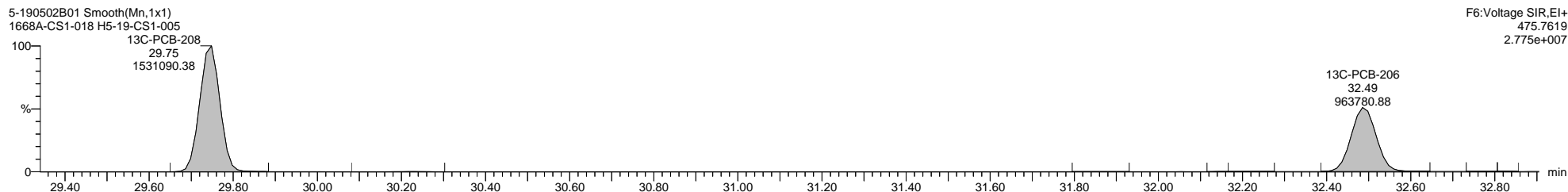
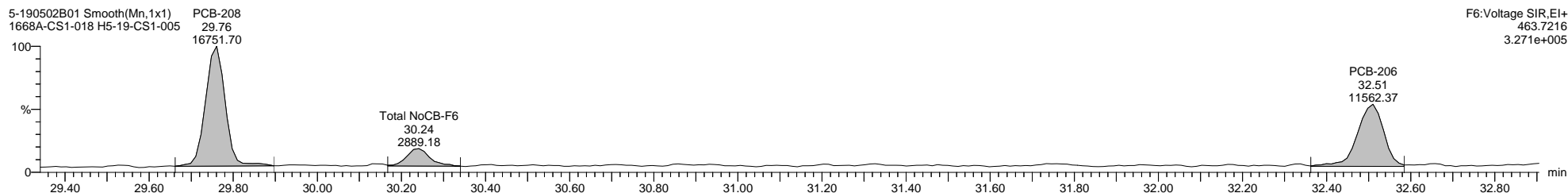
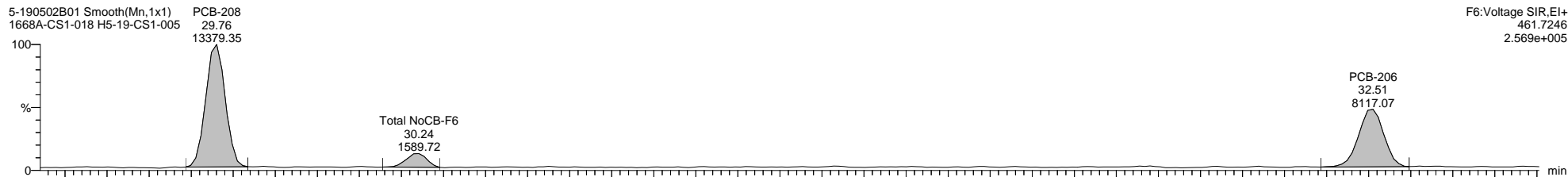
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Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40



Quantify Sample Template Report

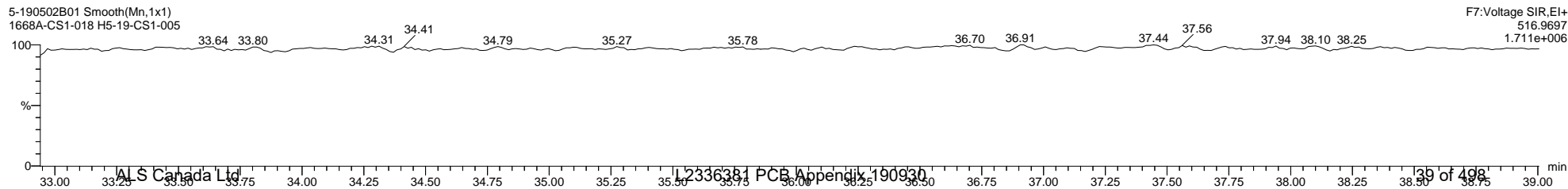
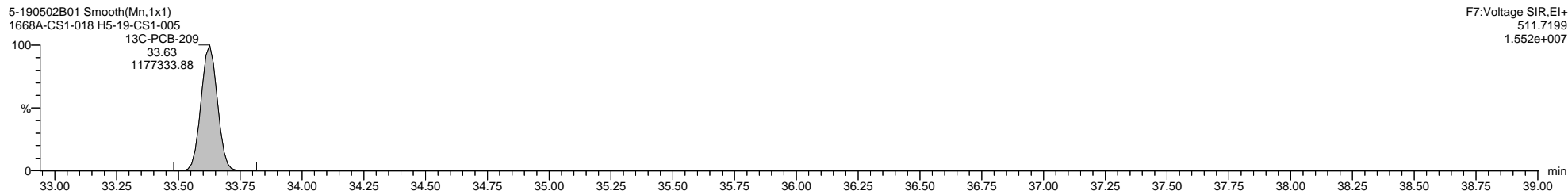
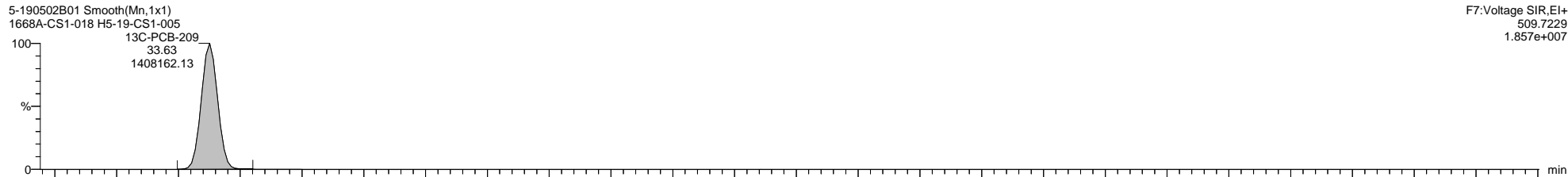
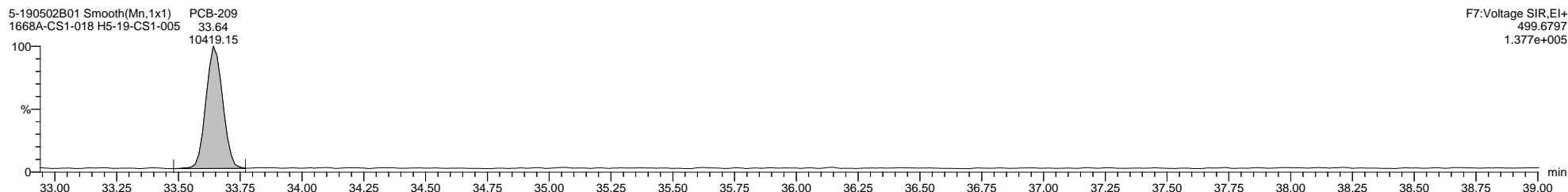
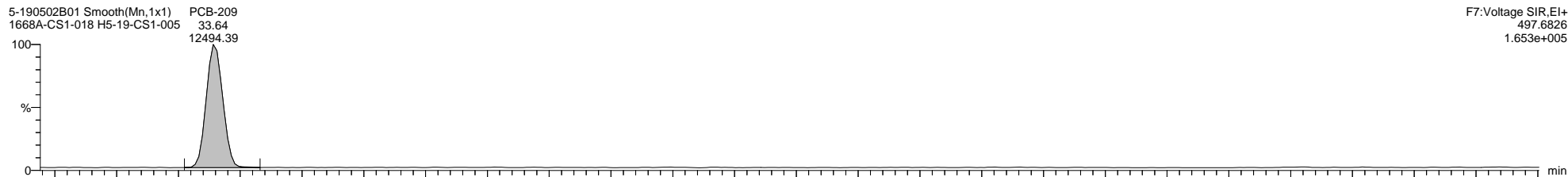
MassLynx MassLynx V4.1 SCN 901

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Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B01, Date: 02-May-2019, Time: 12:04:37, ID: H5-19-CS1-005, Description: 1668A-CS1-018, Vial: Tray1:40



Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

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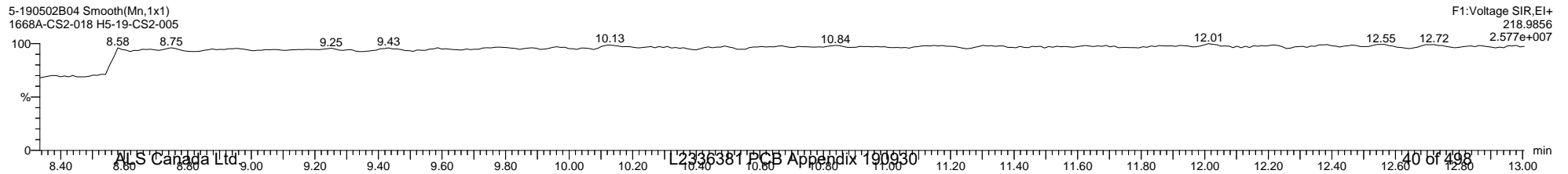
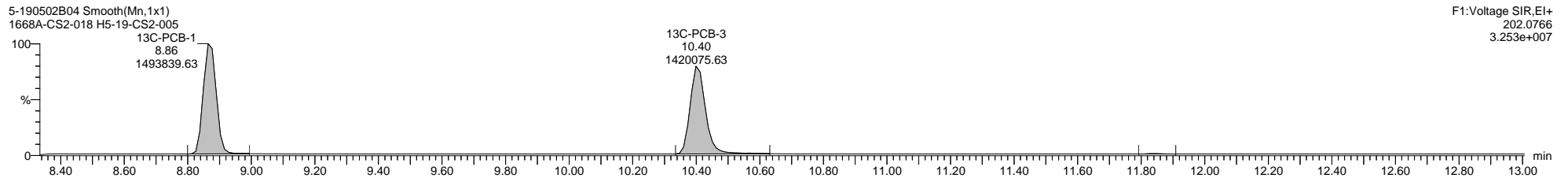
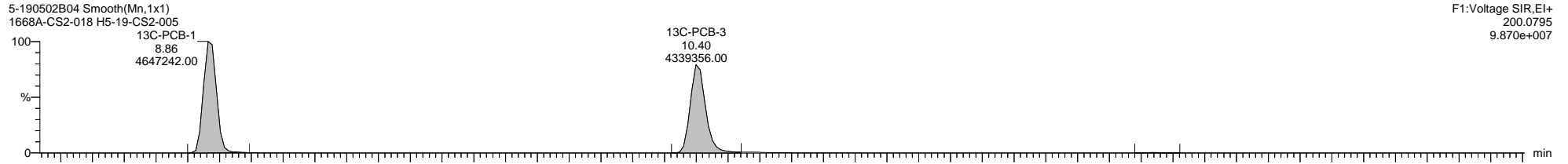
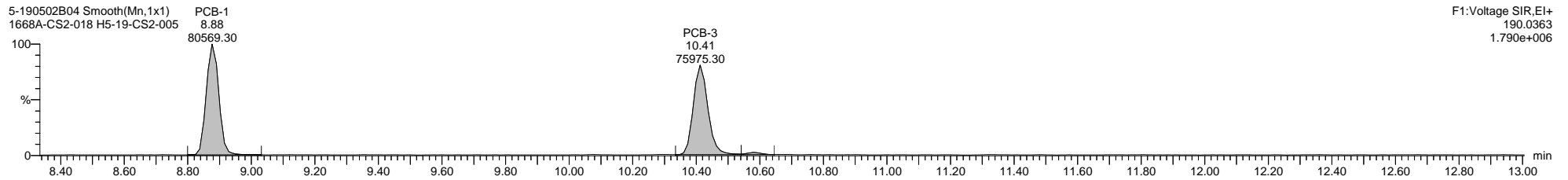
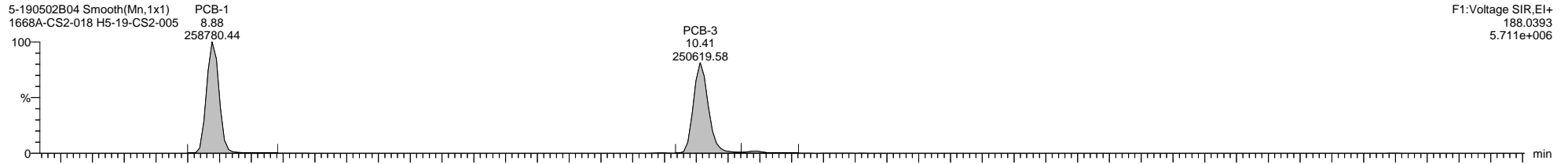
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Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

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Calibration: C:\MassLynx\PCB.PRO\CurveDB\5-190502B-ICAL.cdb 03 May 2019 08:59:50

Name: 5-190502B04, Date: 02-May-2019, Time: 14:13:57, ID: H5-19-CS2-005, Description: 1668A-CS2-018, Vial: Tray1:42





Quantify Sample Template Report

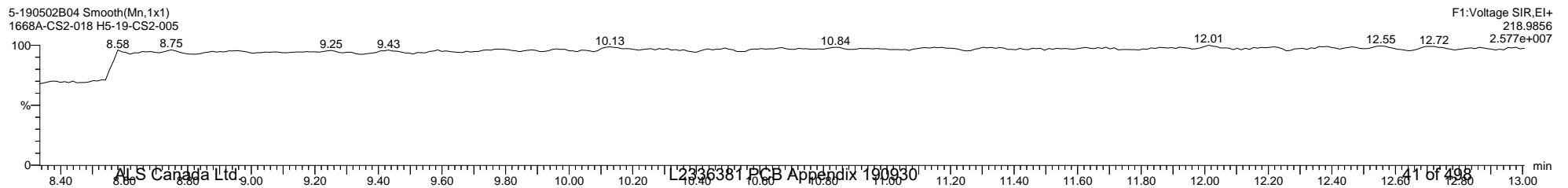
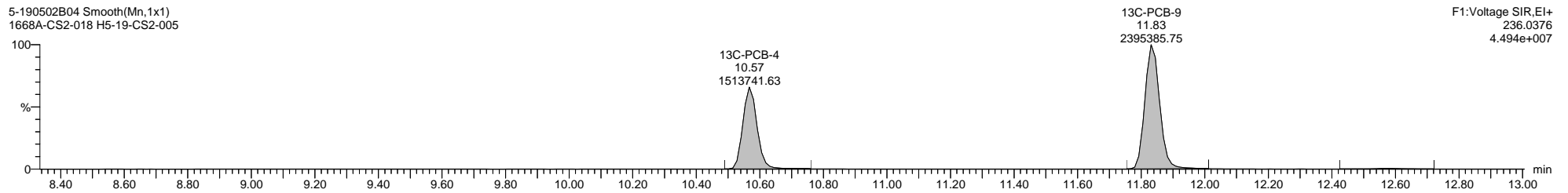
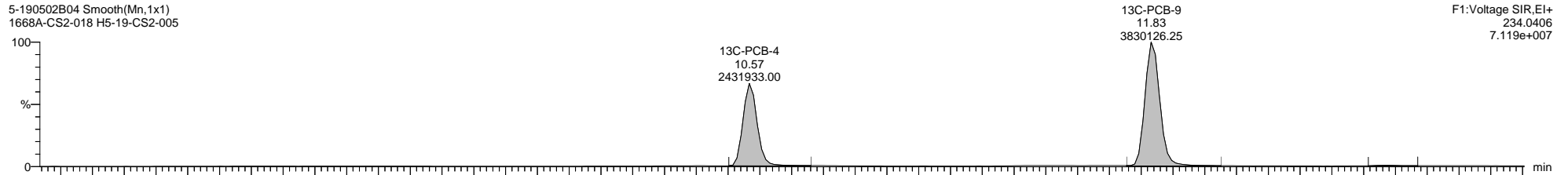
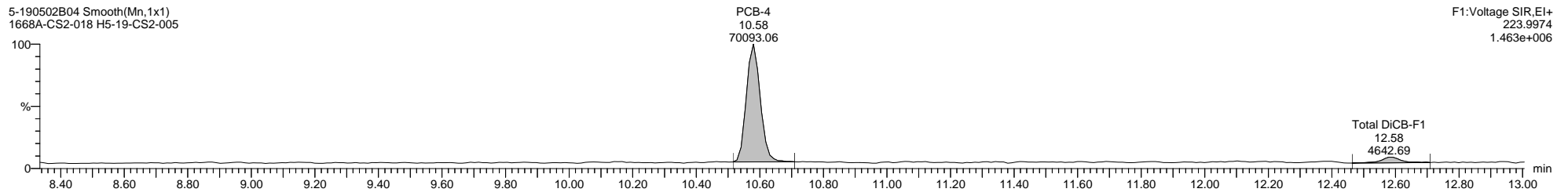
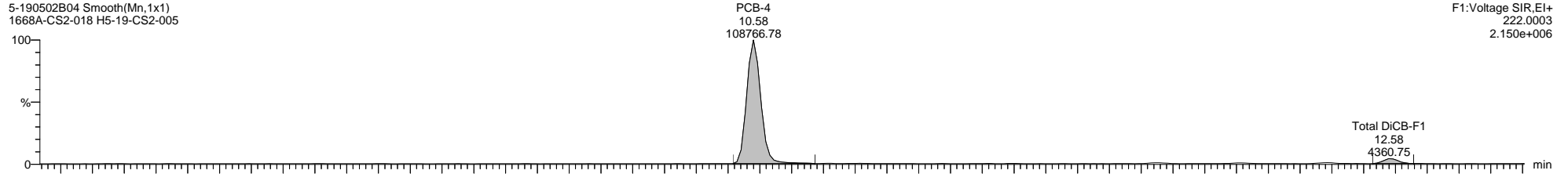
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Quantify Sample Template Report

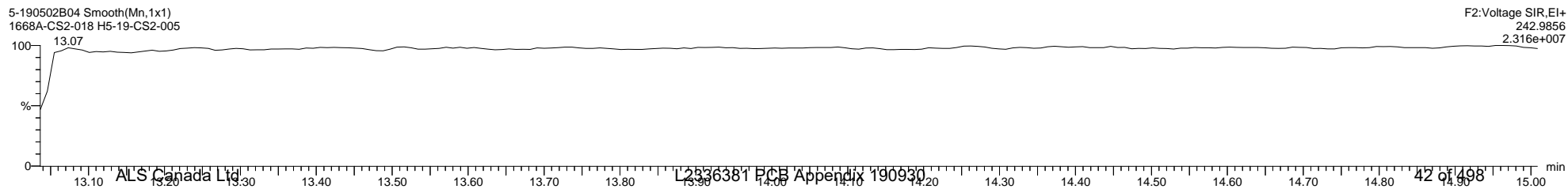
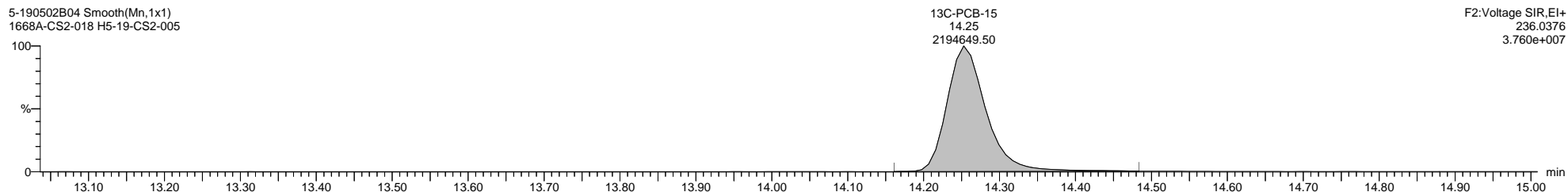
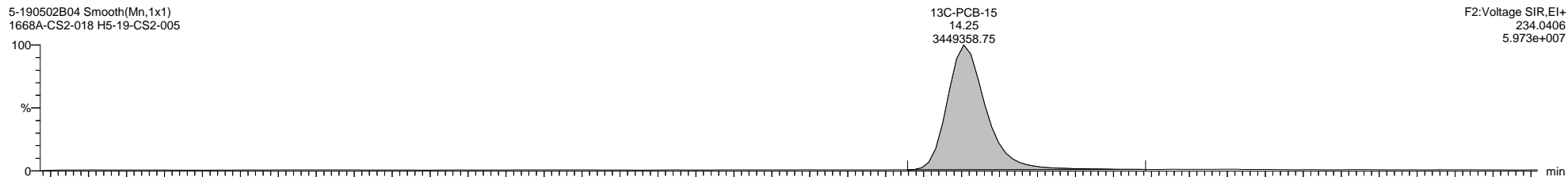
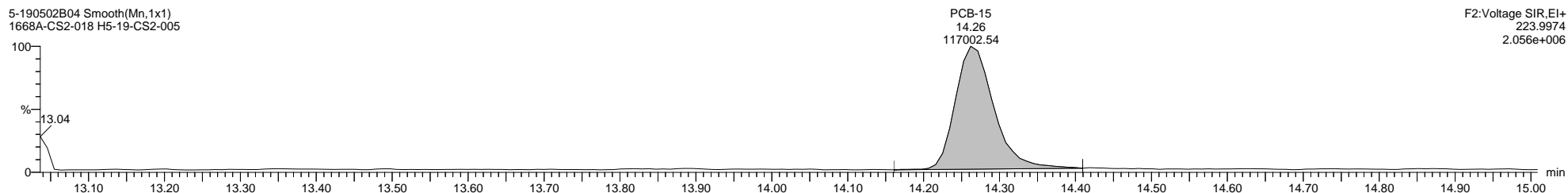
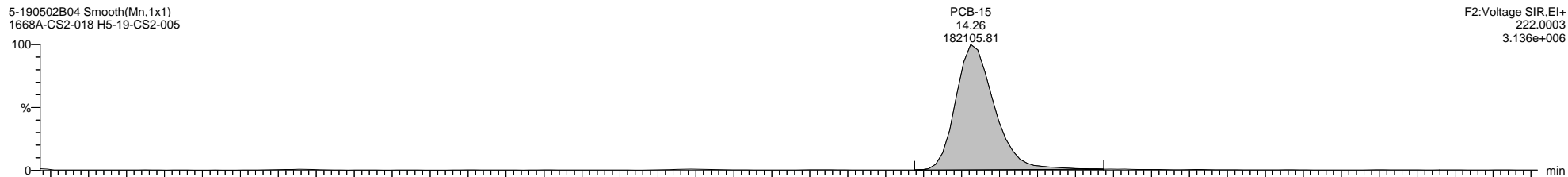
MassLynx MassLynx V4.1 SCN 901

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Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B04, Date: 02-May-2019, Time: 14:13:57, ID: H5-19-CS2-005, Description: 1668A-CS2-018, Vial: Tray1:42



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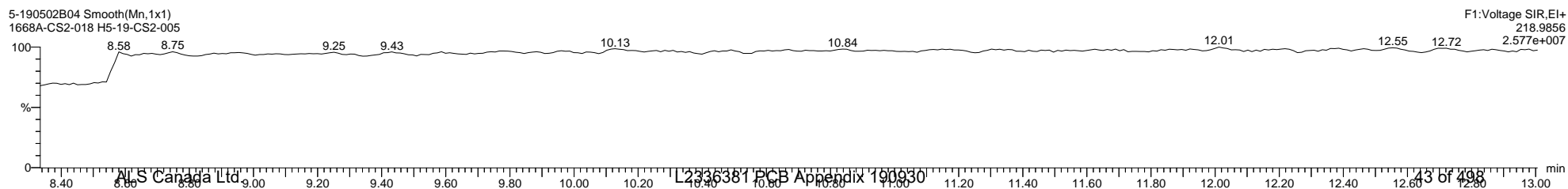
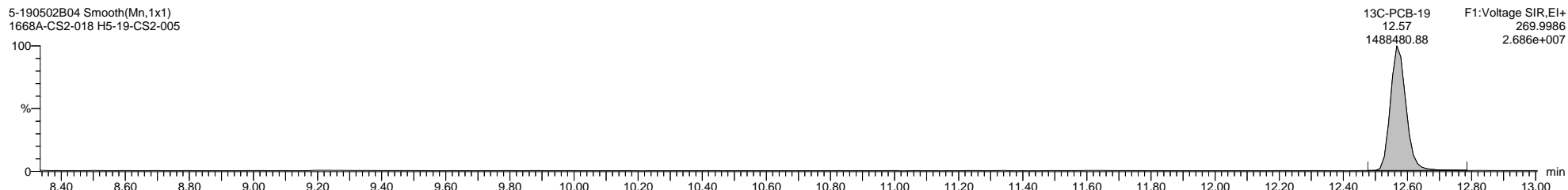
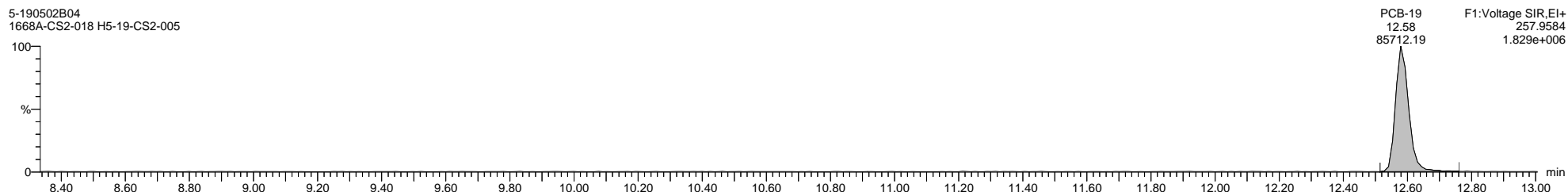
MassLynx MassLynx V4.1 SCN 901

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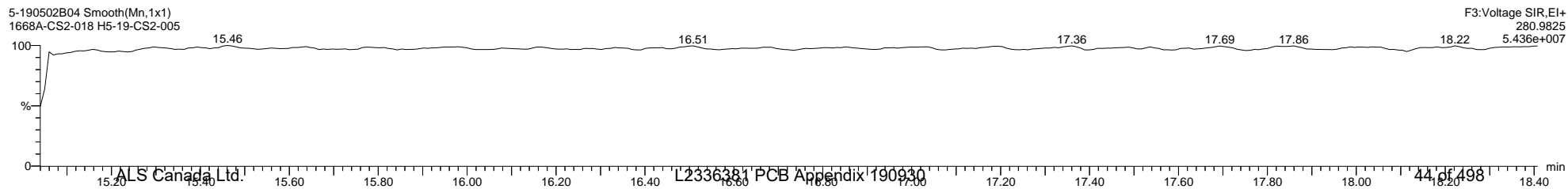
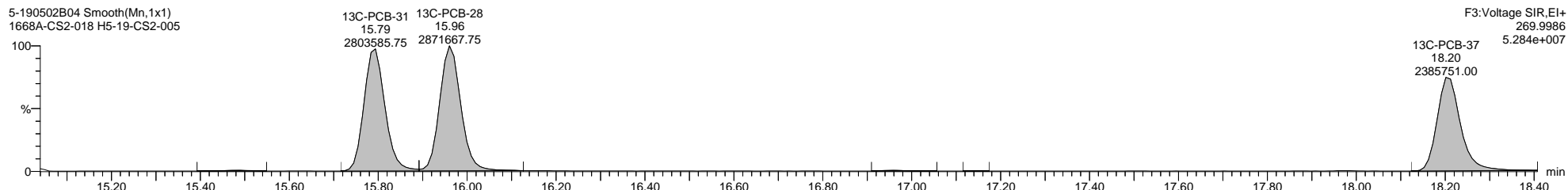
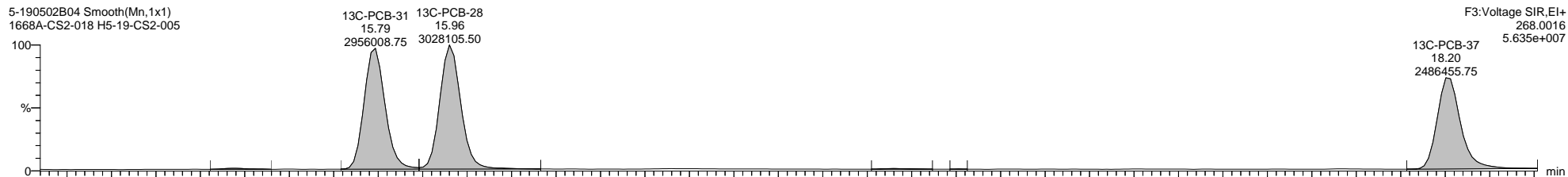
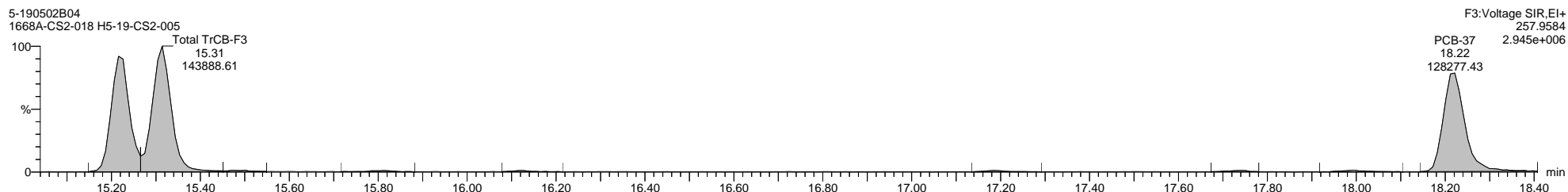
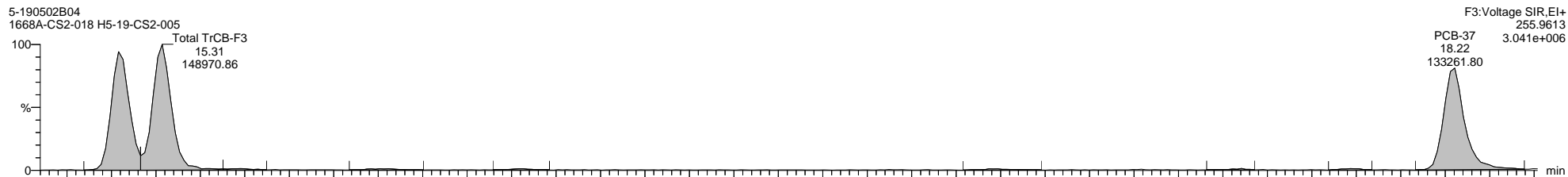
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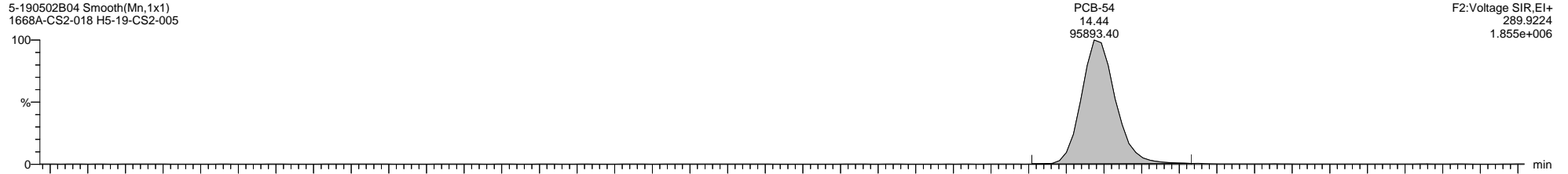
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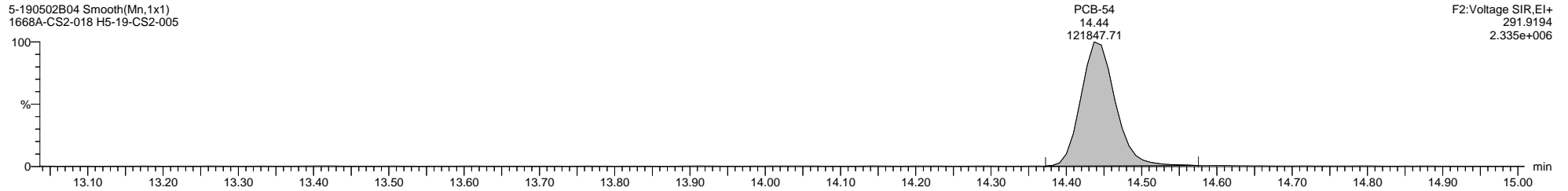
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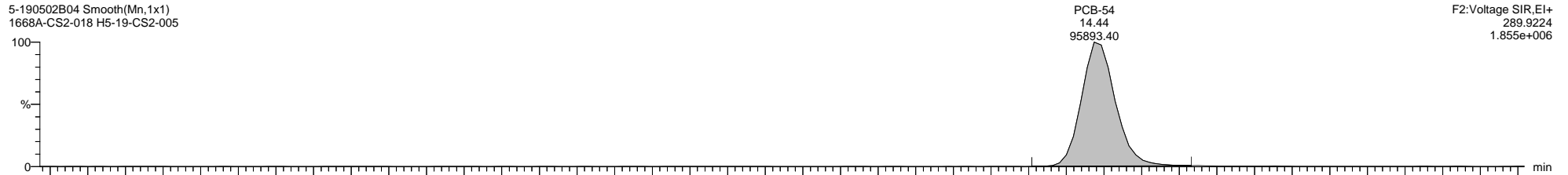
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1668A-CS2-018 H5-19-CS2-005



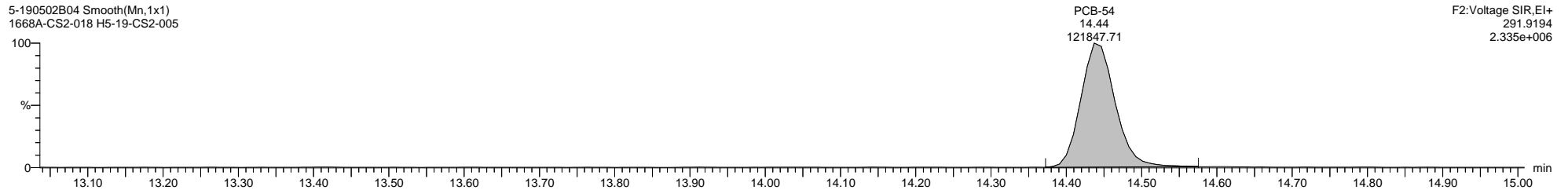
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1668A-CS2-018 H5-19-CS2-005



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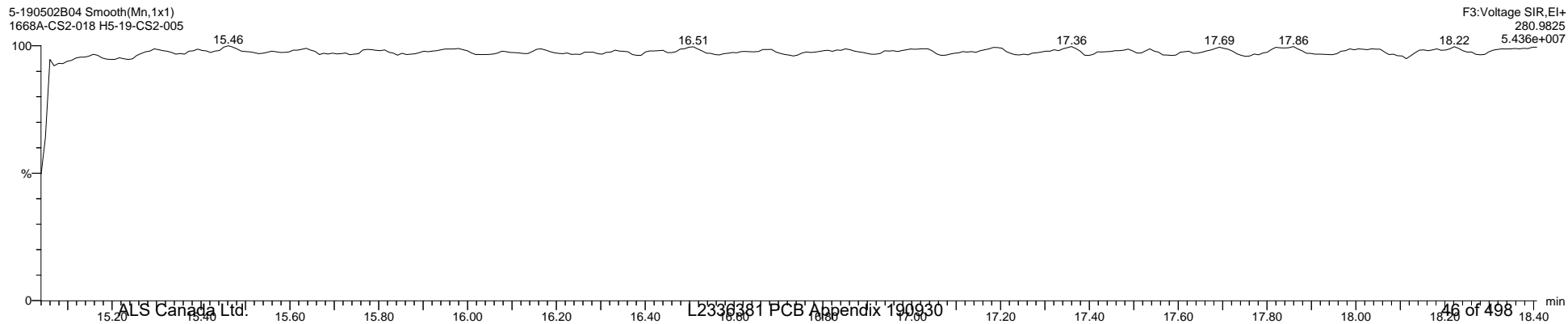
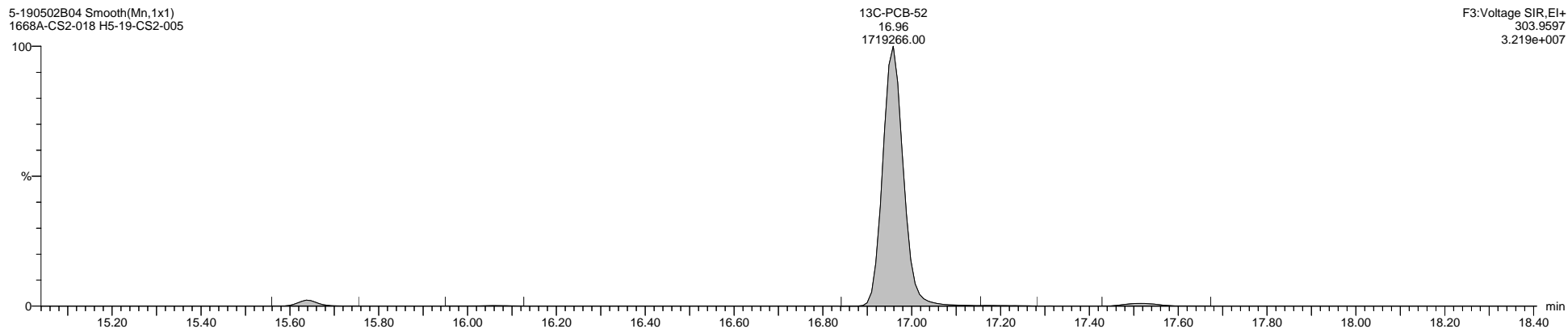
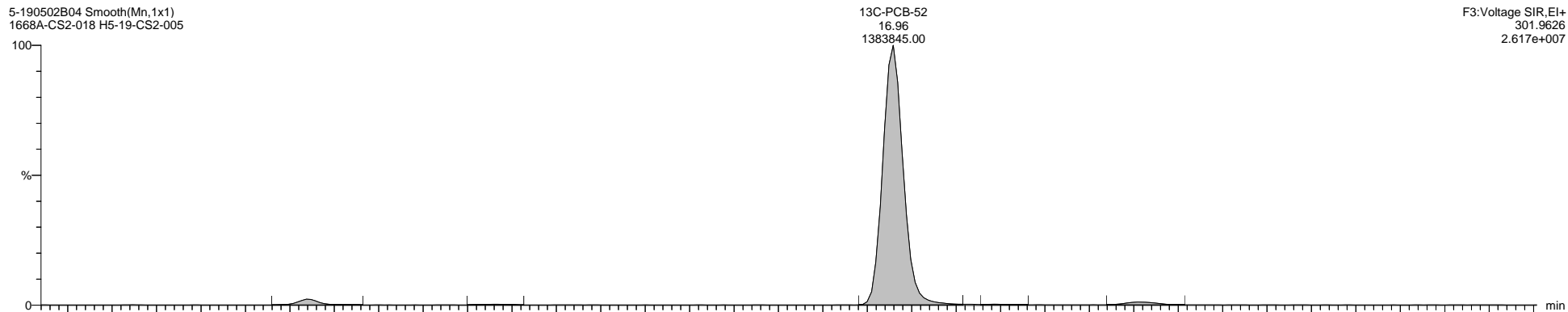


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Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

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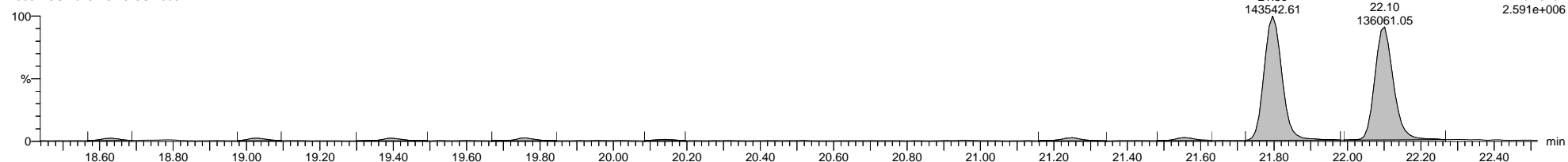
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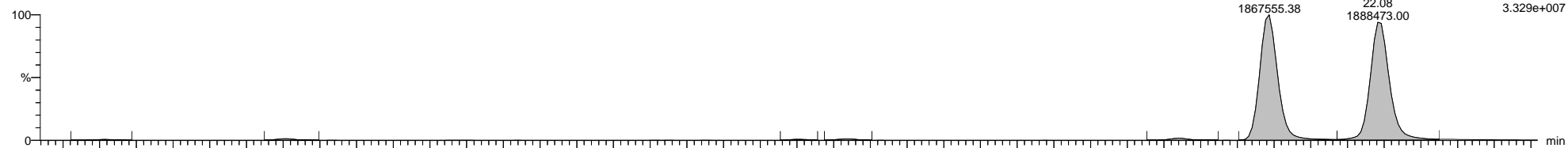
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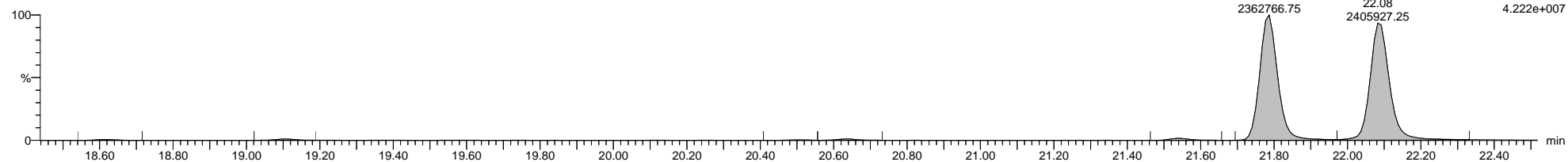
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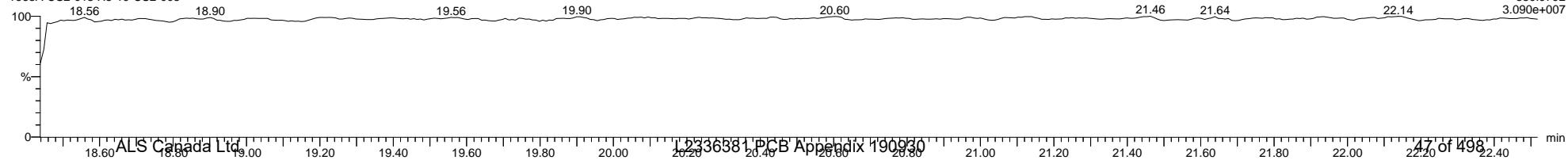
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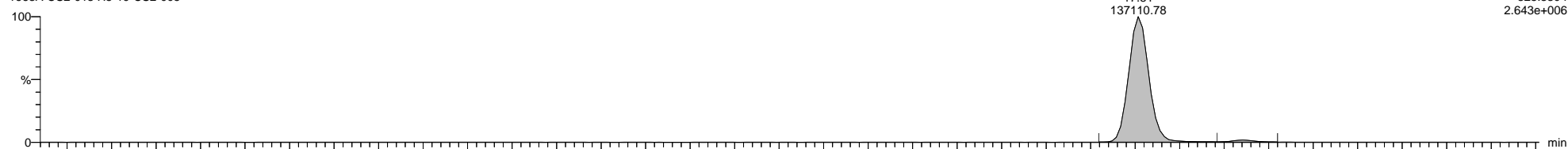
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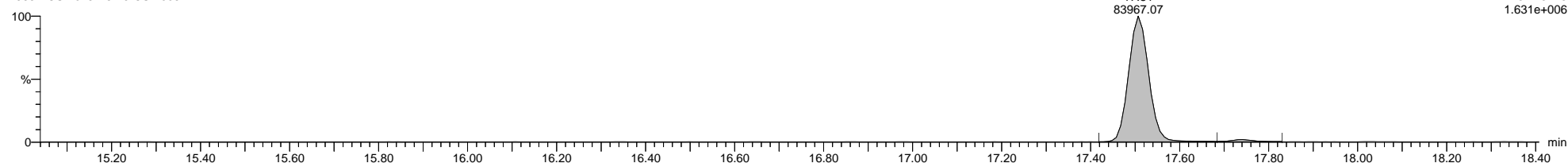
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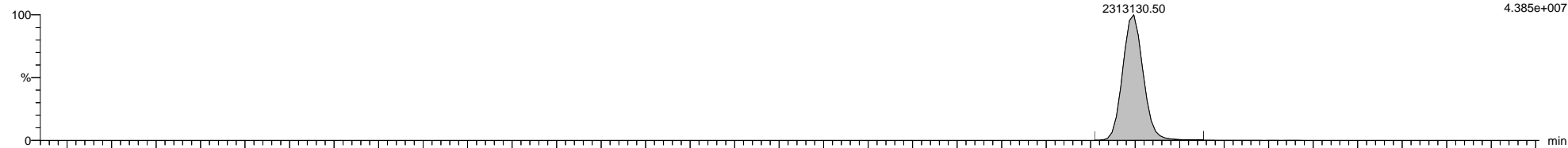
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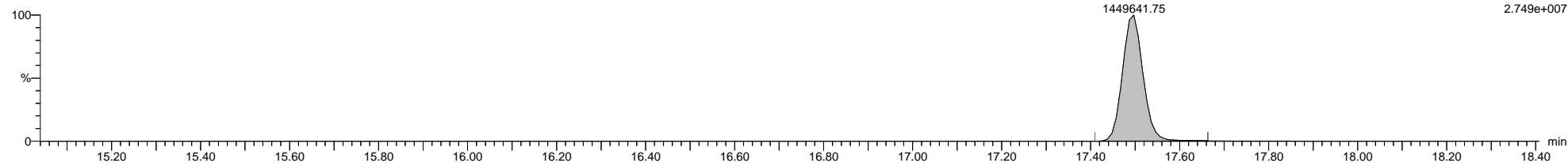
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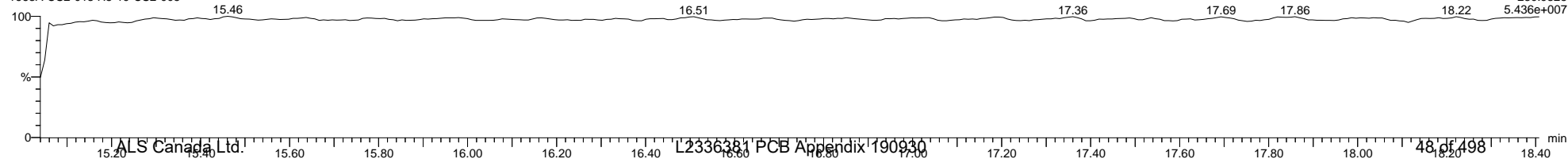
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Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

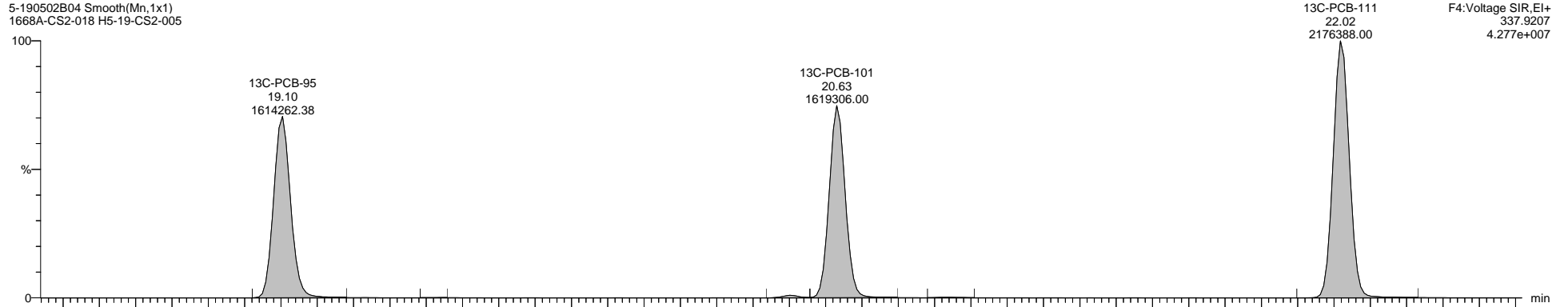
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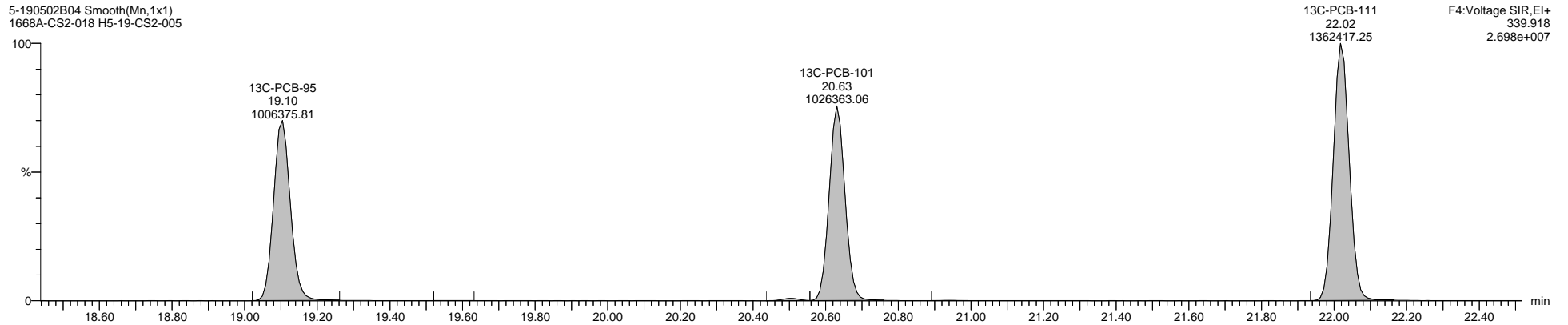
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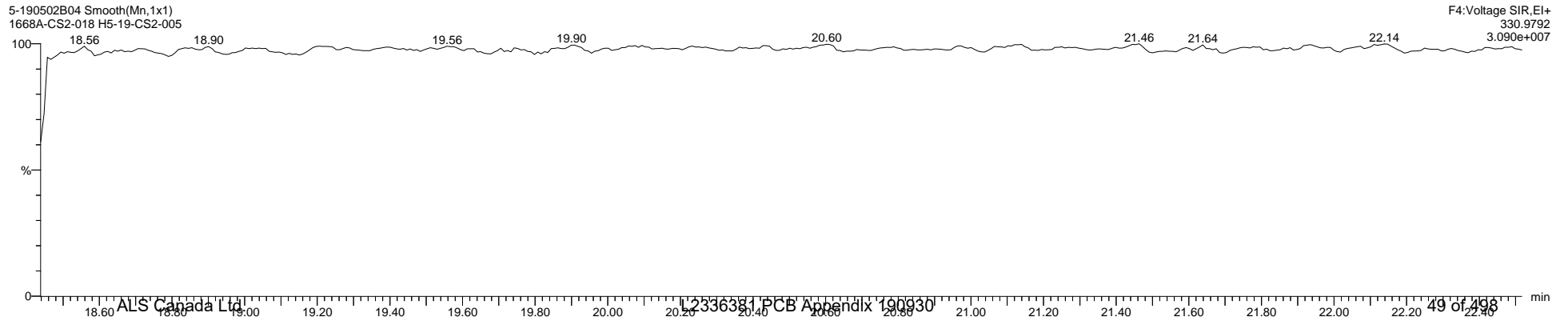
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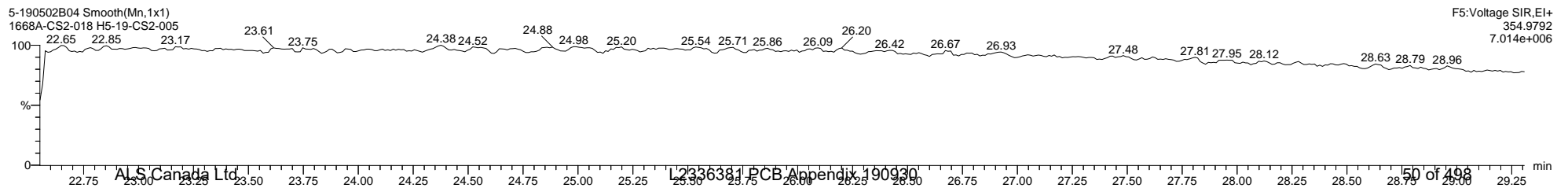
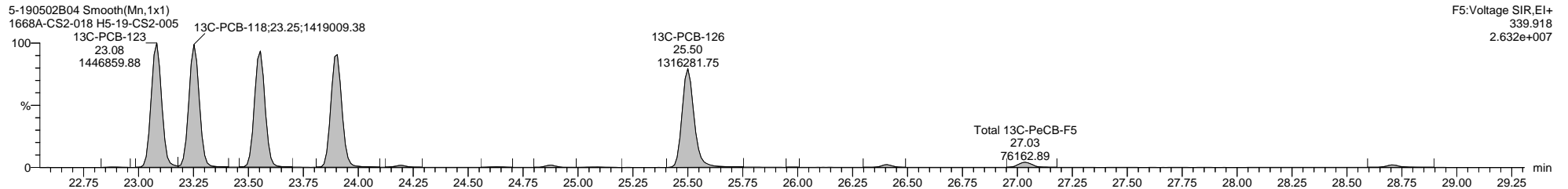
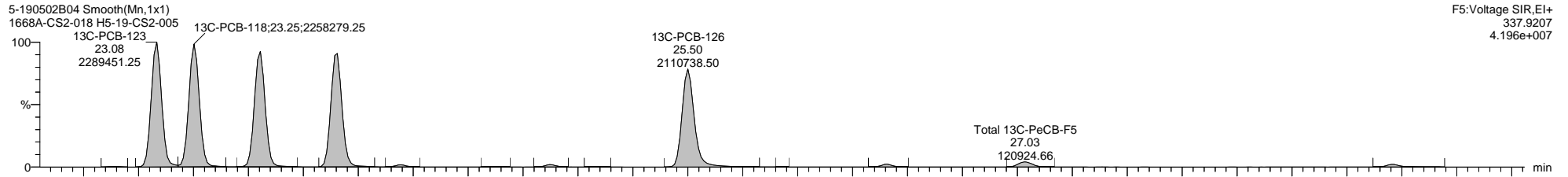
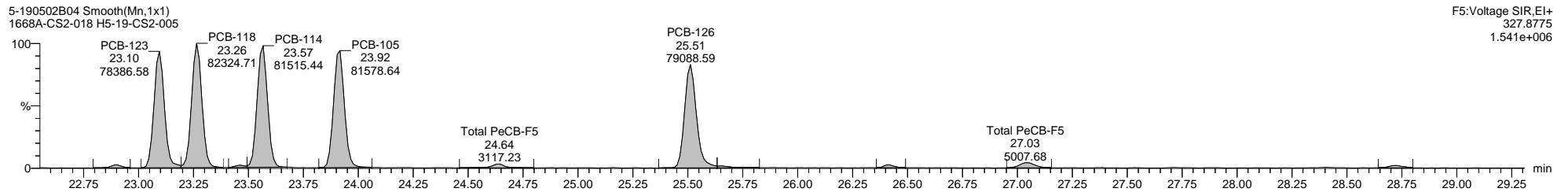
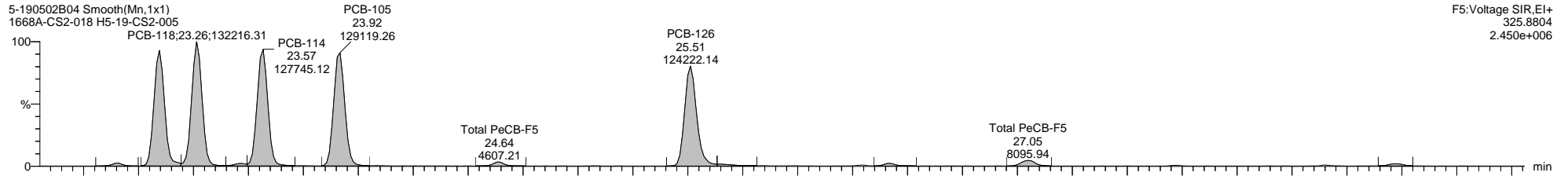


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Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

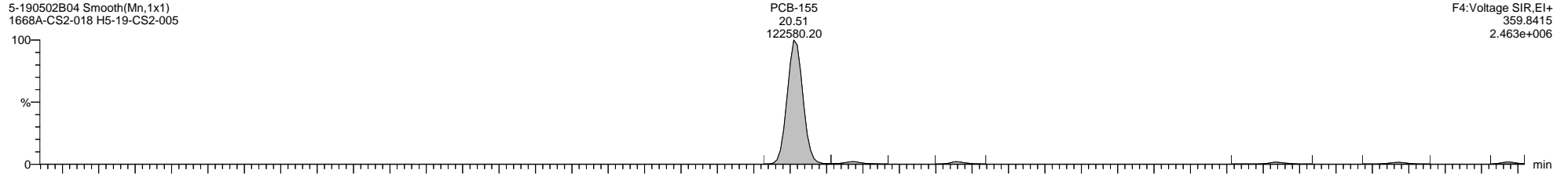
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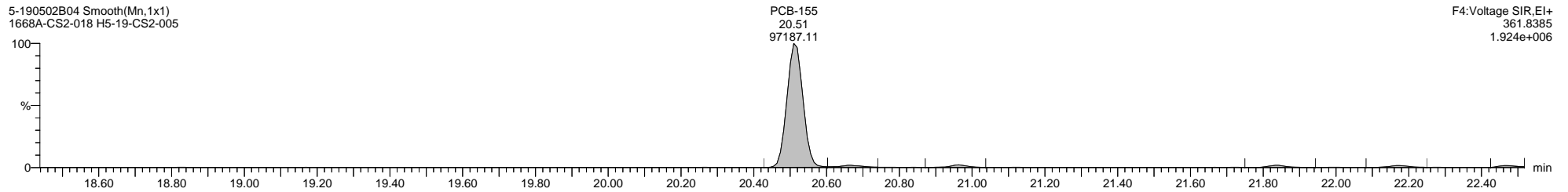
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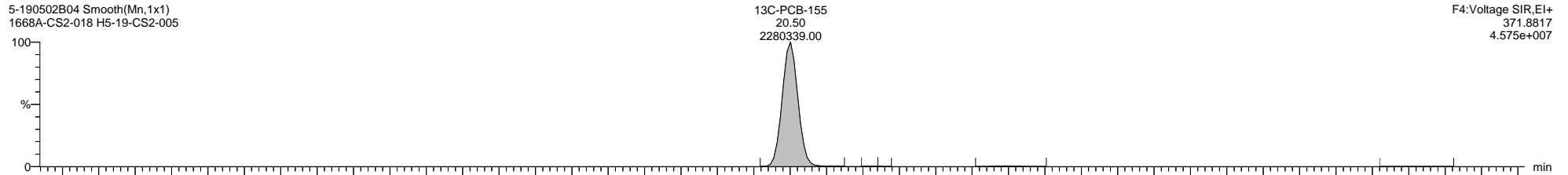
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1668A-CS2-018 H5-19-CS2-005



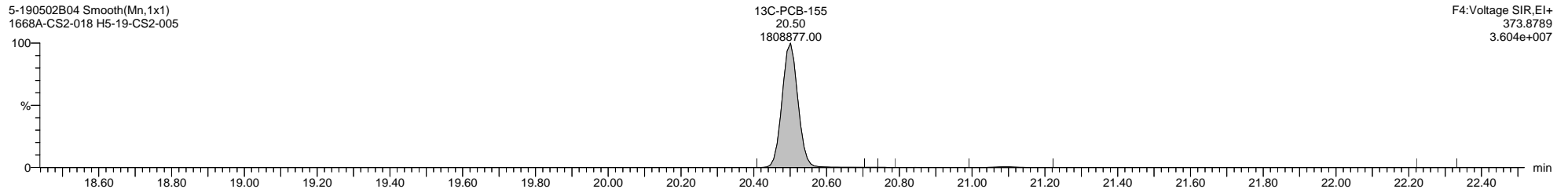
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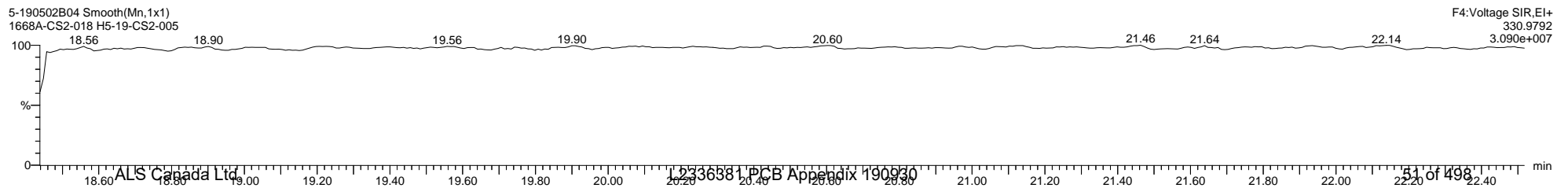
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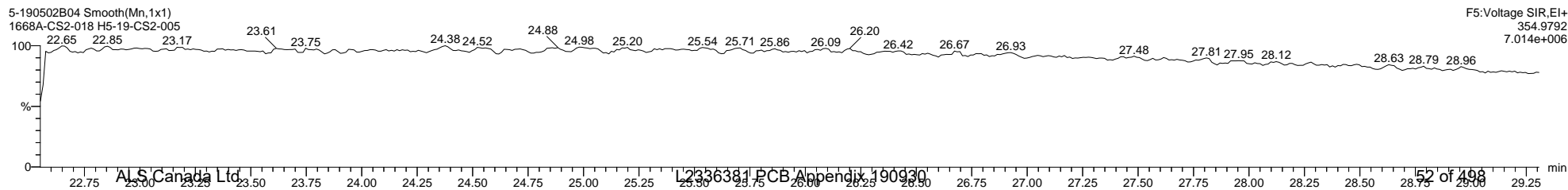
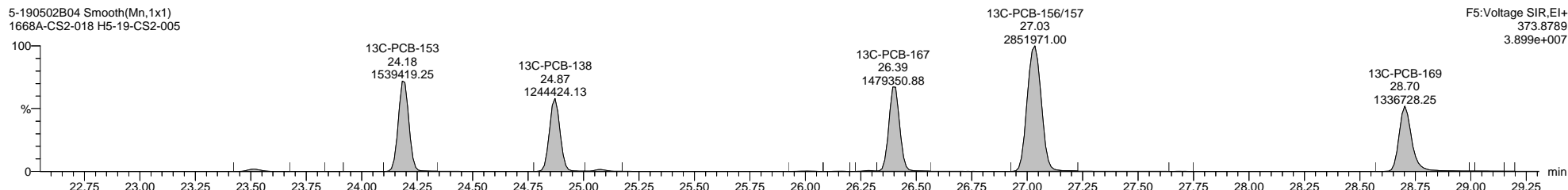
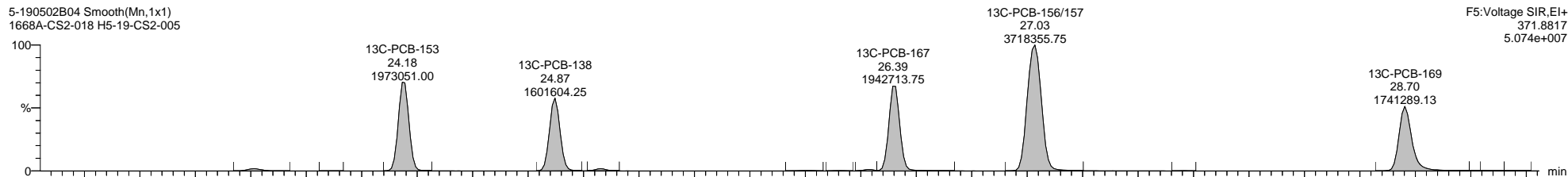
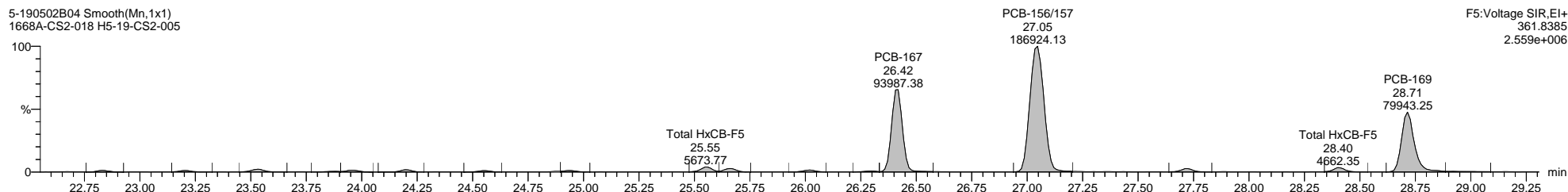
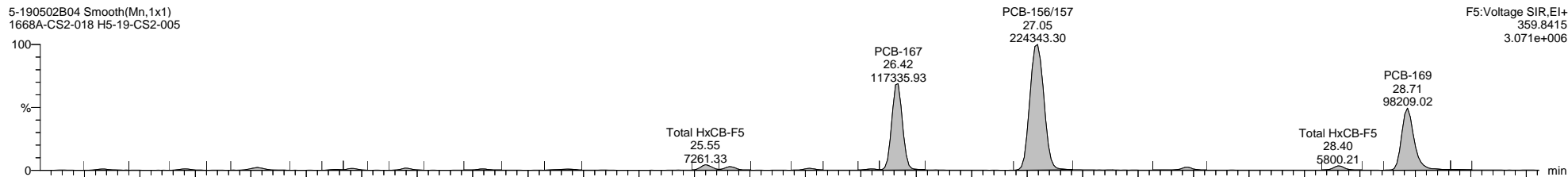
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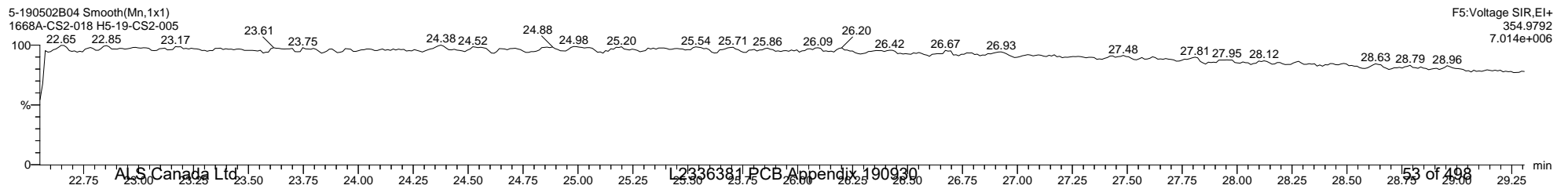
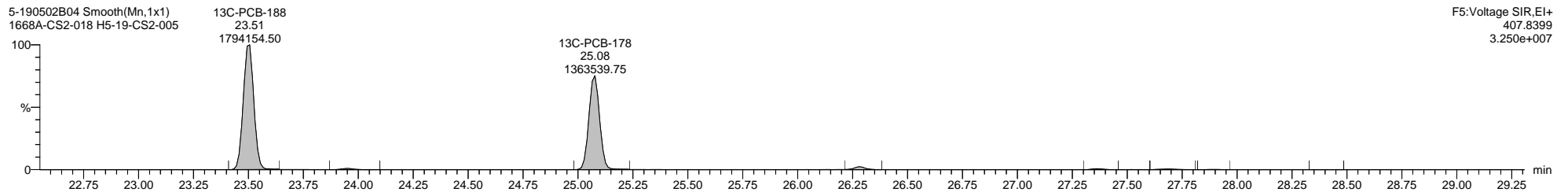
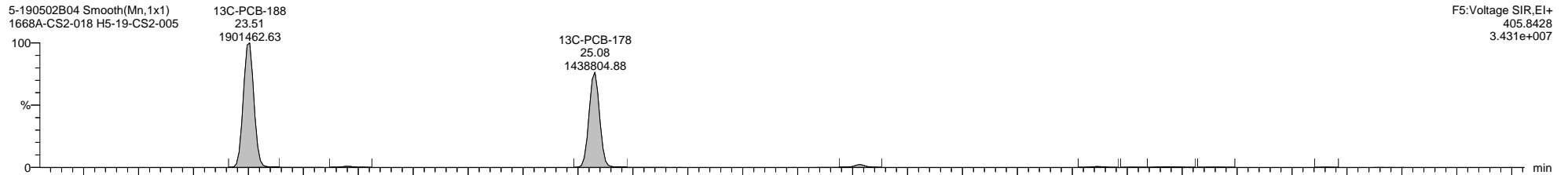
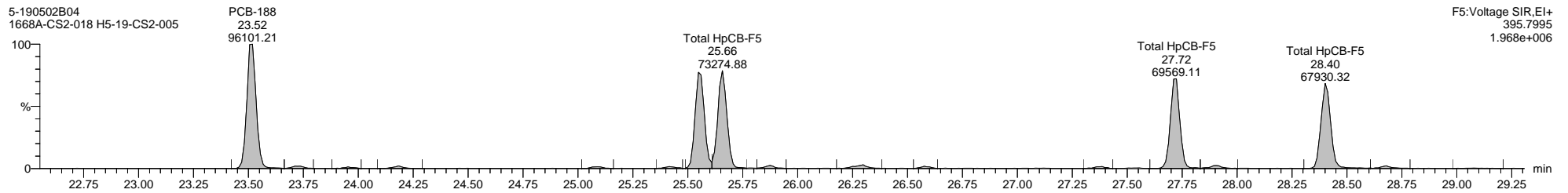
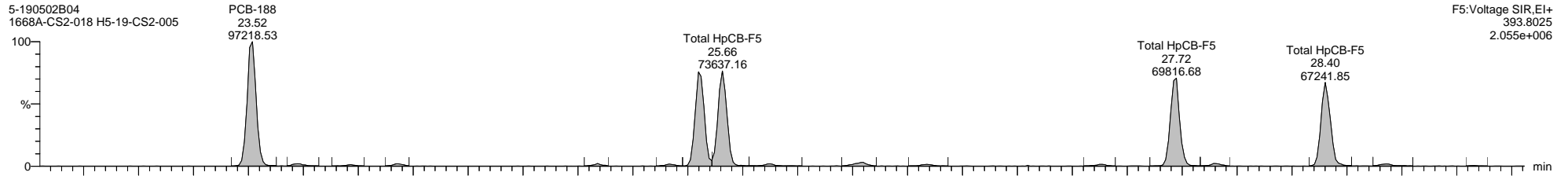
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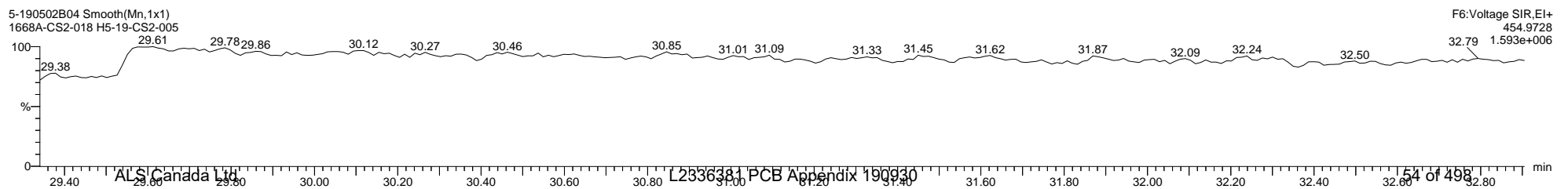
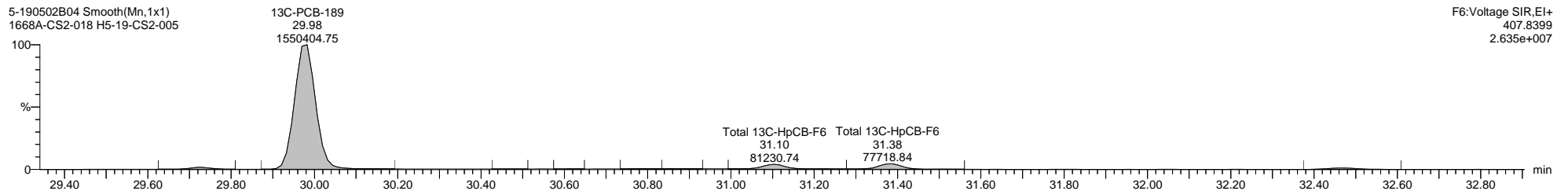
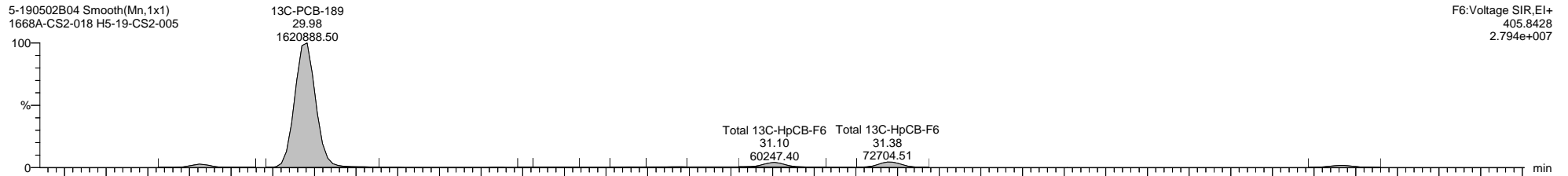
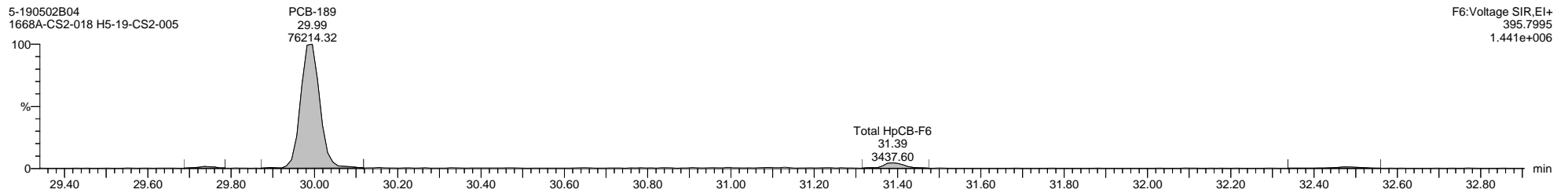
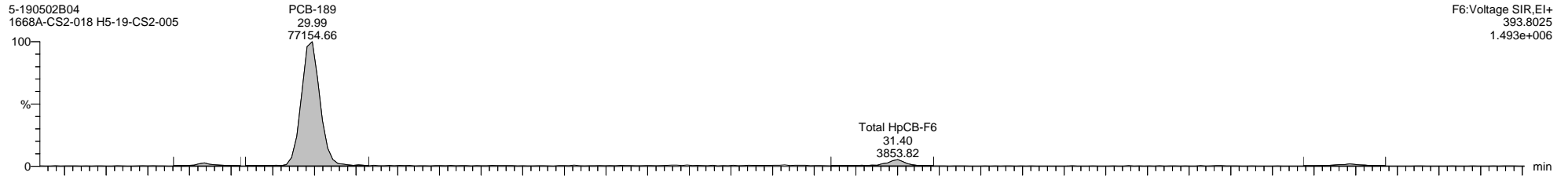
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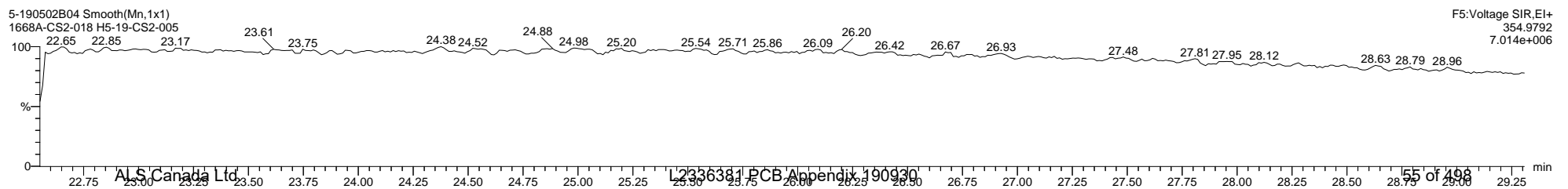
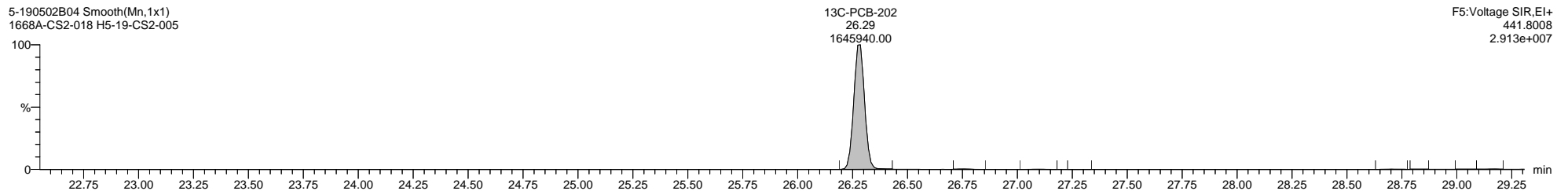
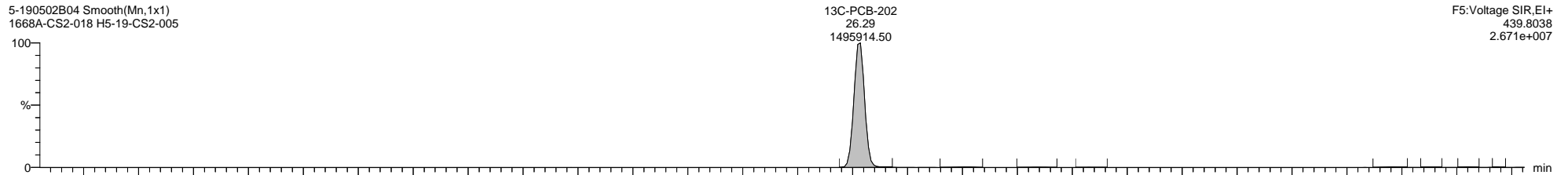
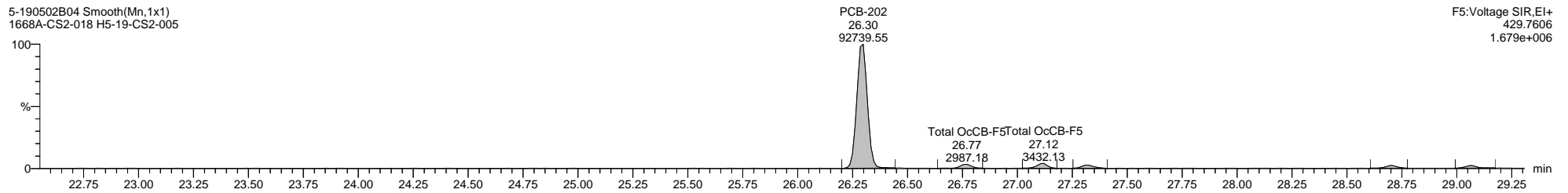
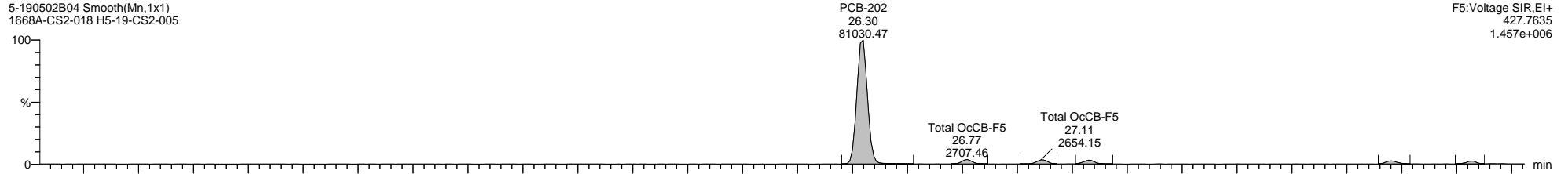
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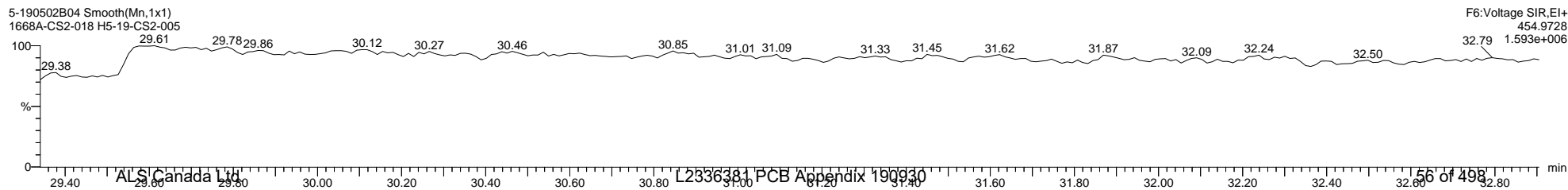
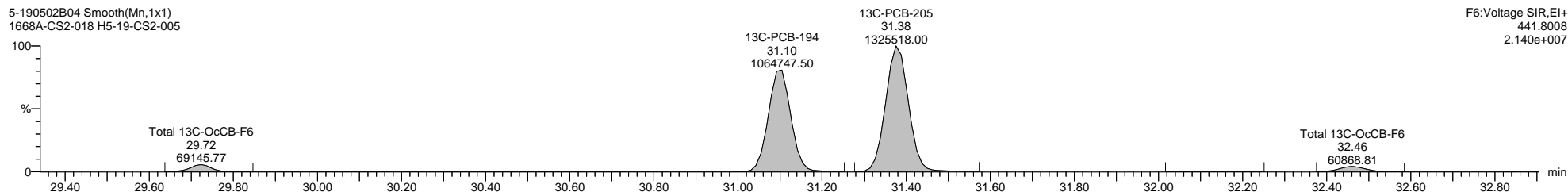
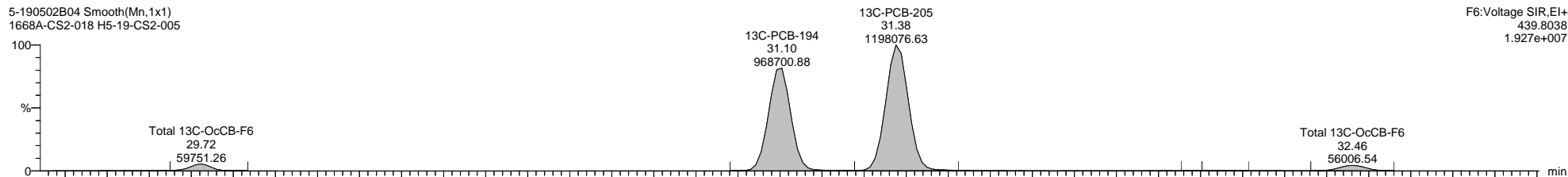
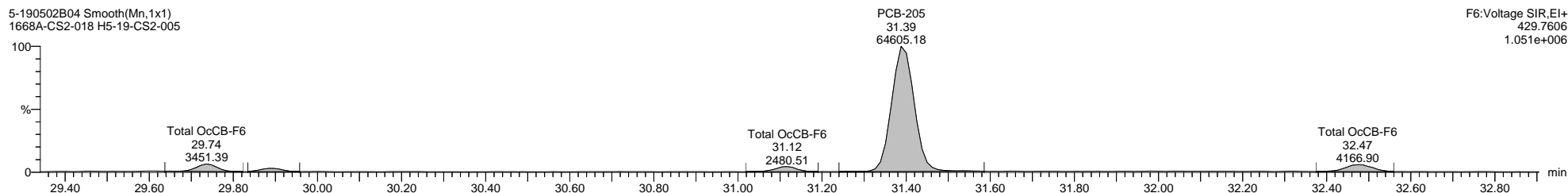
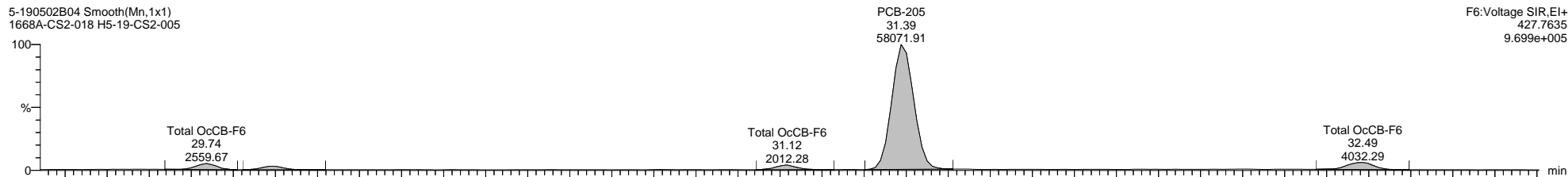
MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B04, Date: 02-May-2019, Time: 14:13:57, ID: H5-19-CS2-005, Description: 1668A-CS2-018, Vial: Tray1:42





Quantify Sample Template Report

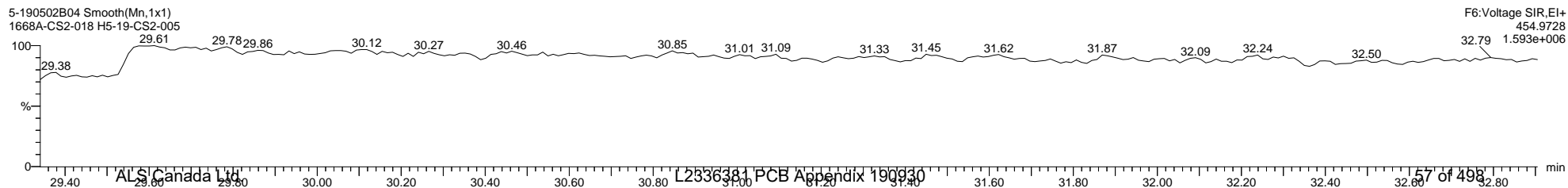
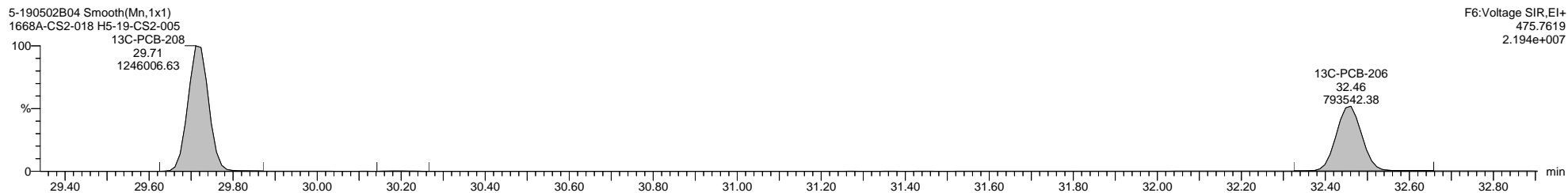
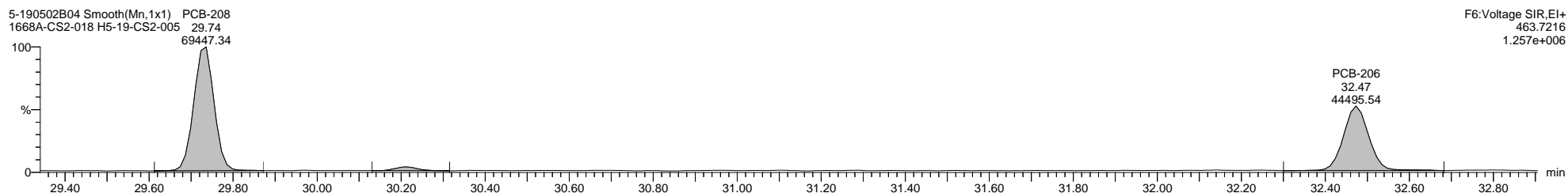
MassLynx MassLynx V4.1 SCN 901

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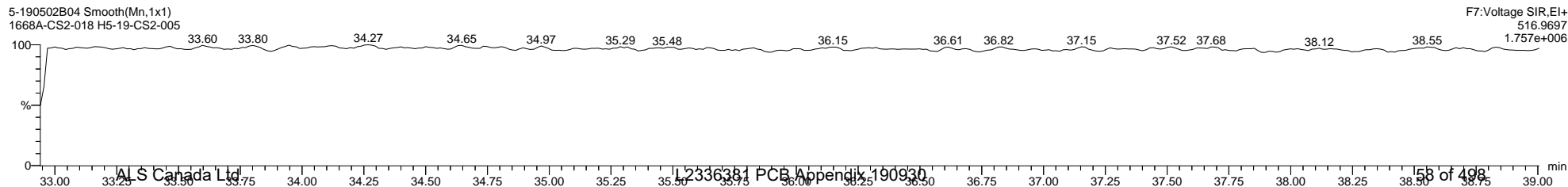
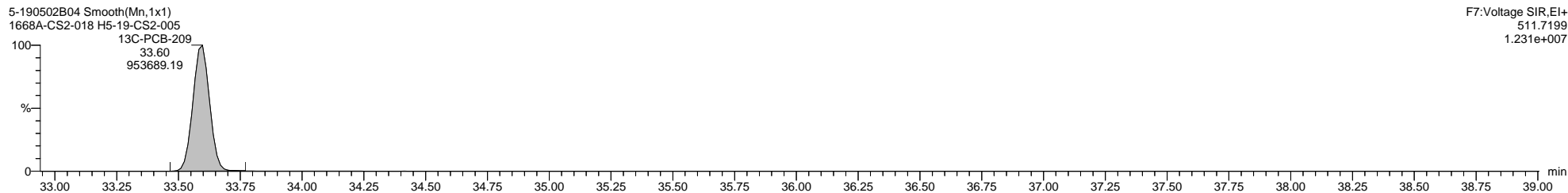
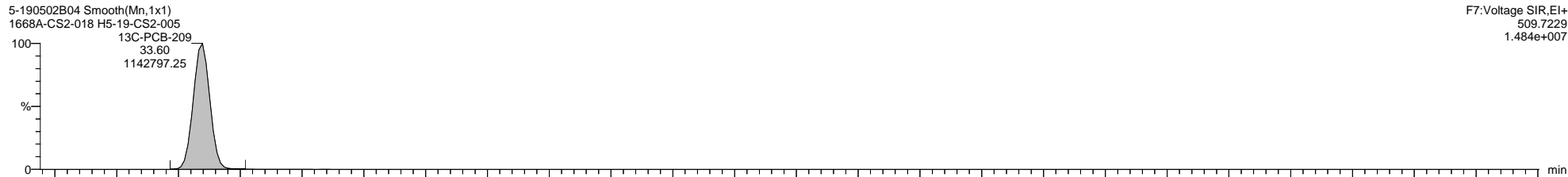
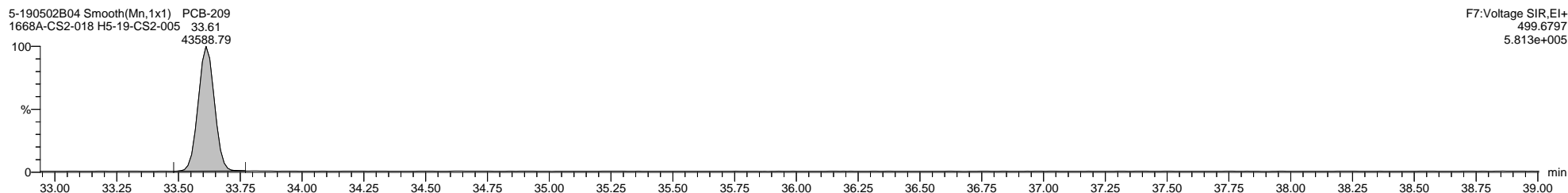
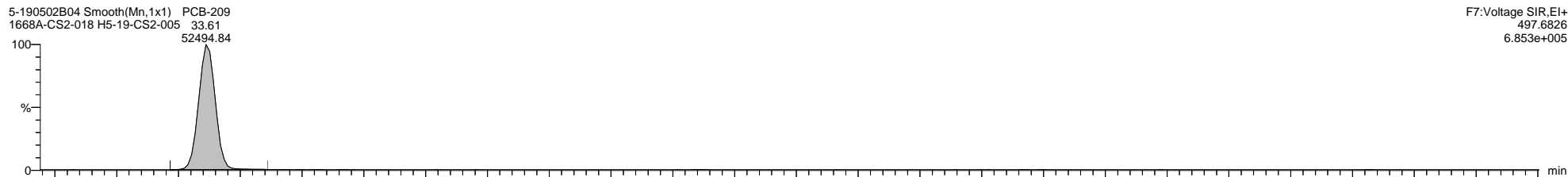


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Name: 5-190502B04, Date: 02-May-2019, Time: 14:13:57, ID: H5-19-CS2-005, Description: 1668A-CS2-018, Vial: Tray1:42



Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

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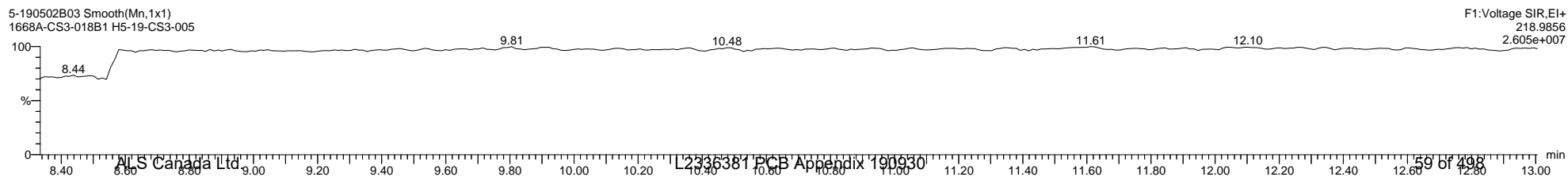
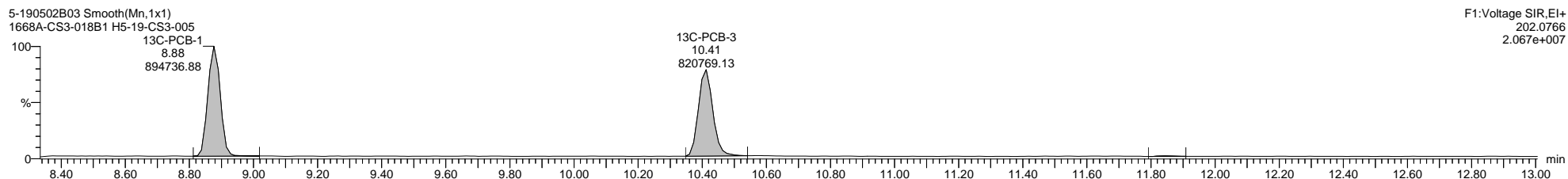
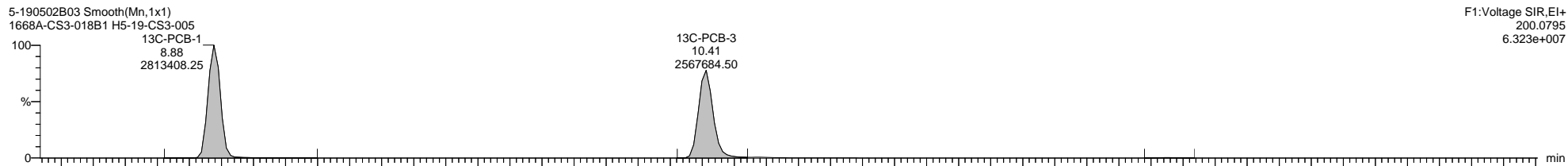
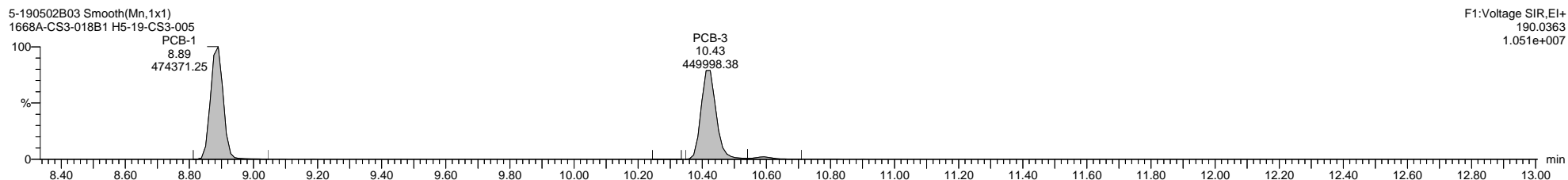
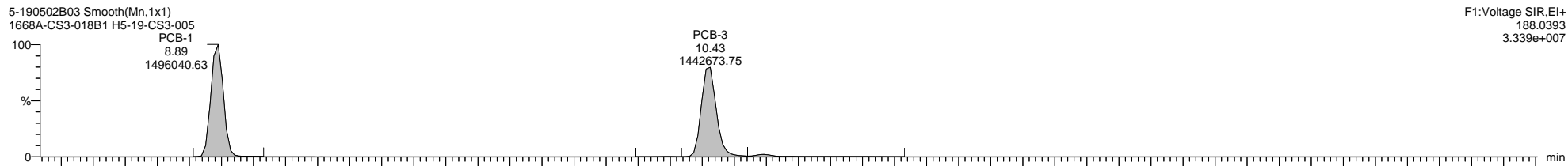
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Calibration: C:\MassLynx\PCB.PRO\CurveDB\5-190502B-ICAL.cdb 03 May 2019 08:59:50

Name: 5-190502B03, Date: 02-May-2019, Time: 13:31:47, ID: H5-19-CS3-005, Description: 1668A-CS3-018B1, Vial: Tray1:1



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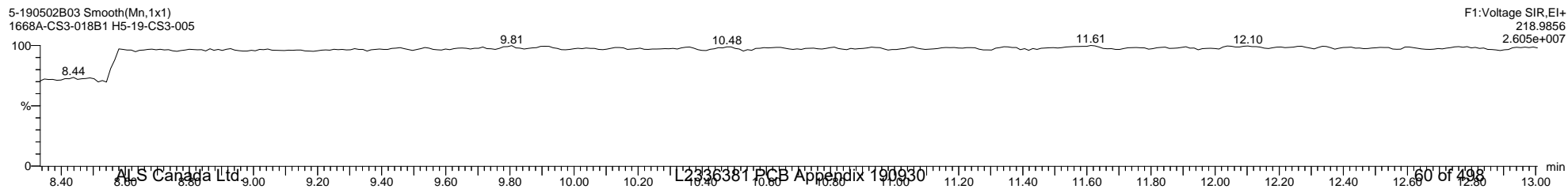
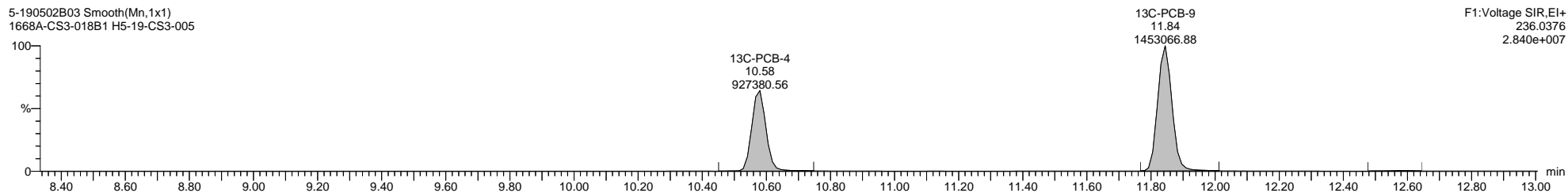
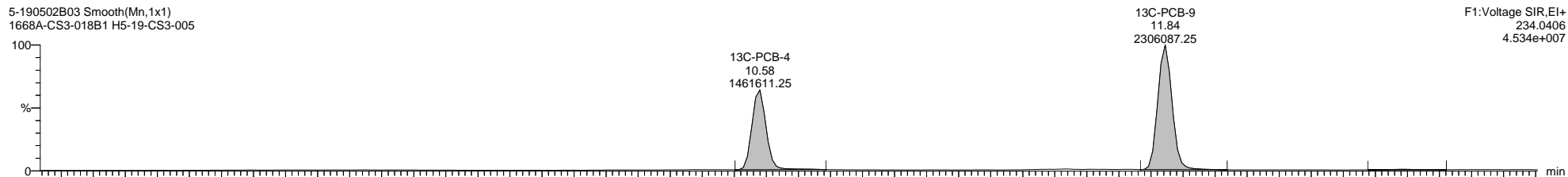
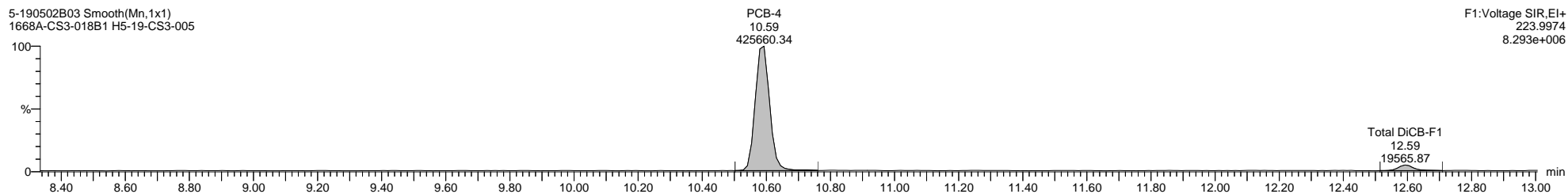
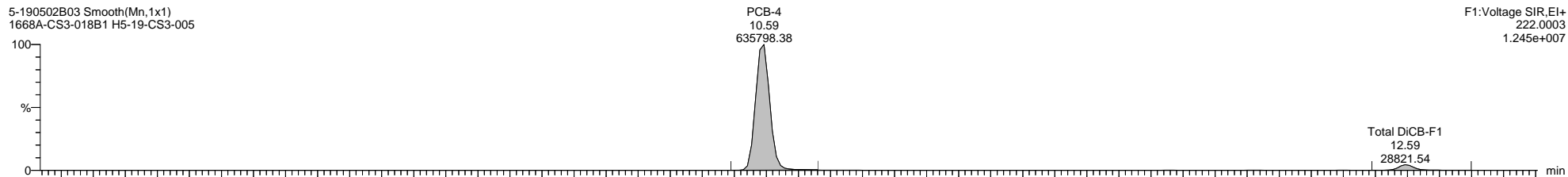
MassLynx MassLynx V4.1 SCN 901

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Name: 5-190502B03, Date: 02-May-2019, Time: 13:31:47, ID: H5-19-CS3-005, Description: 1668A-CS3-018B1, Vial: Tray1:1



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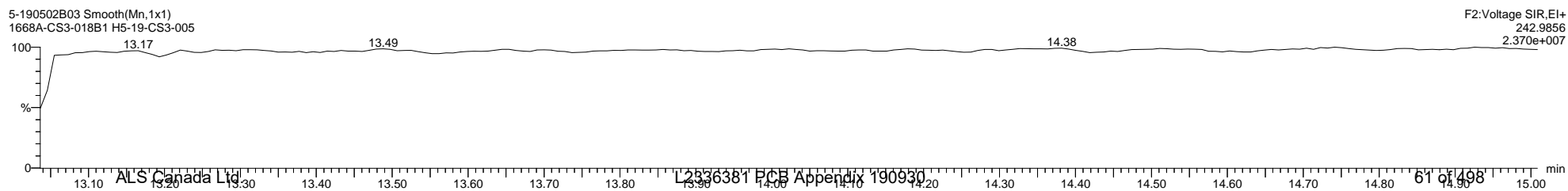
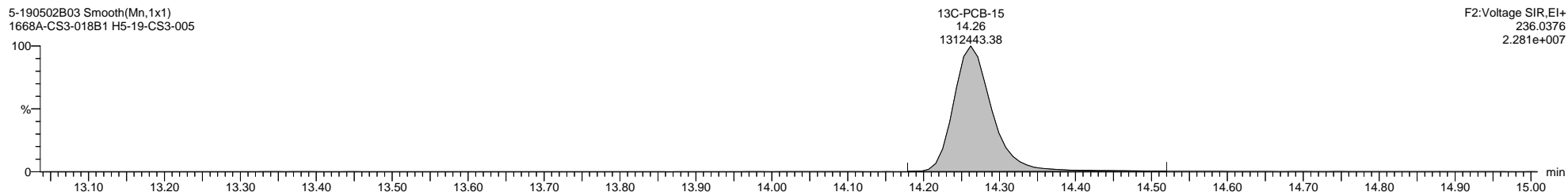
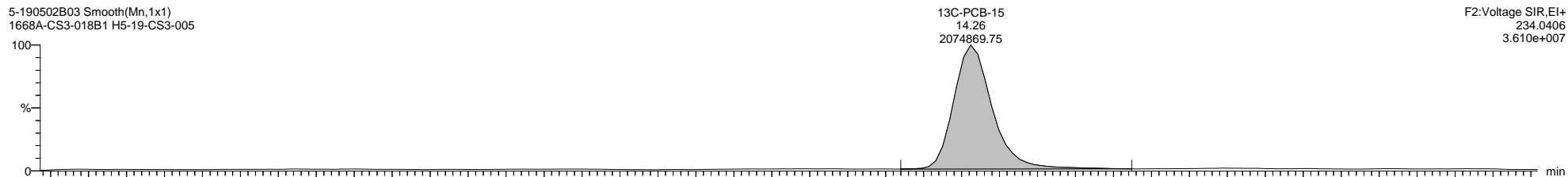
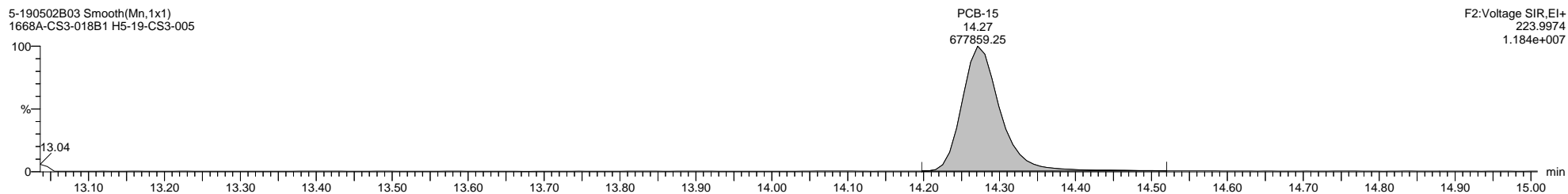
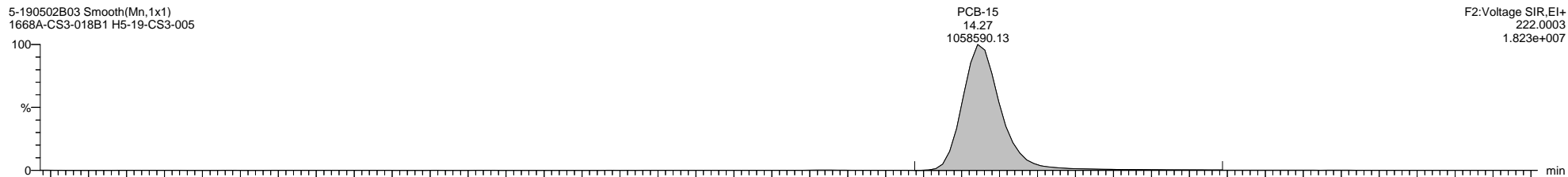
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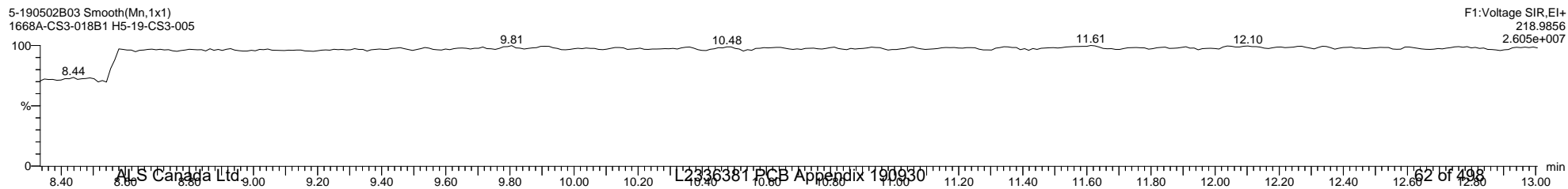
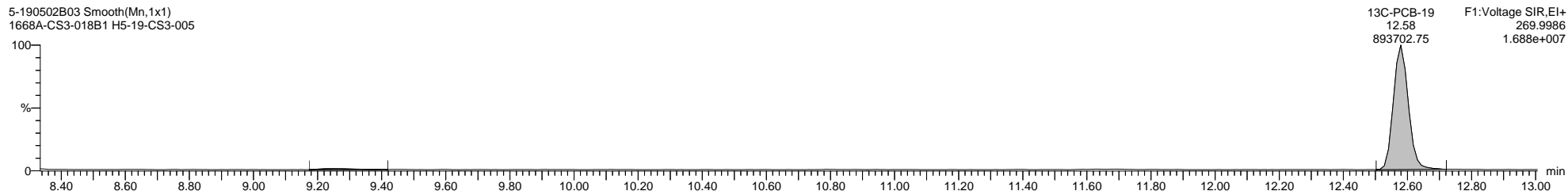
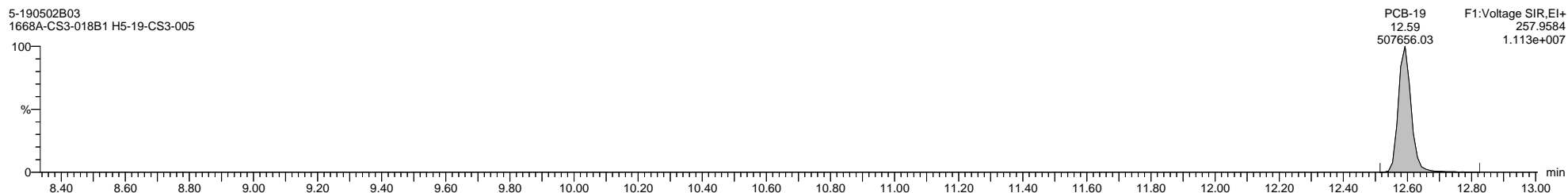
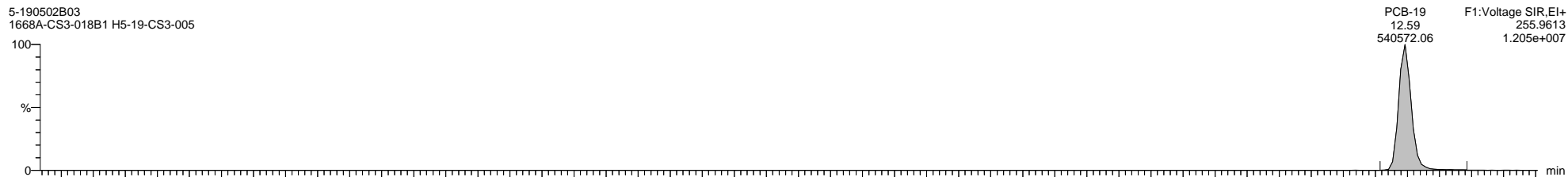
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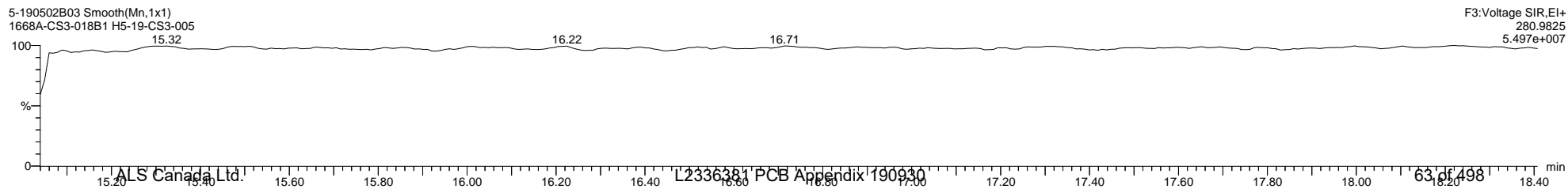
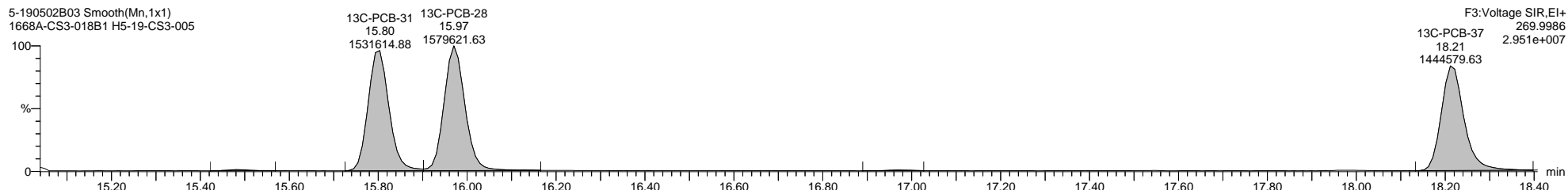
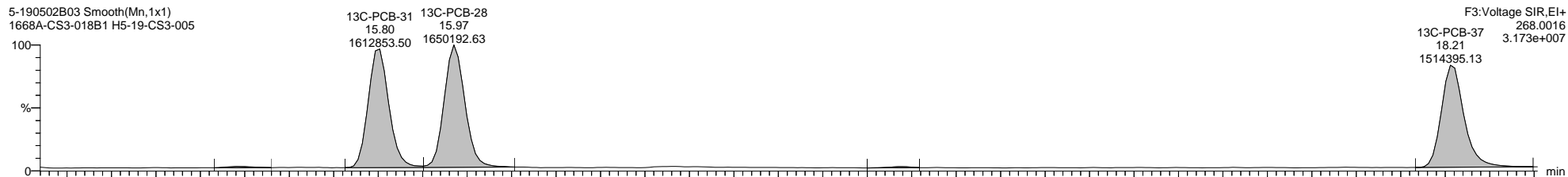
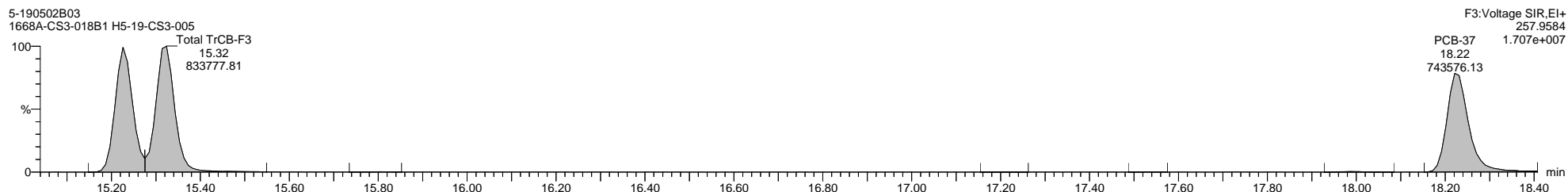
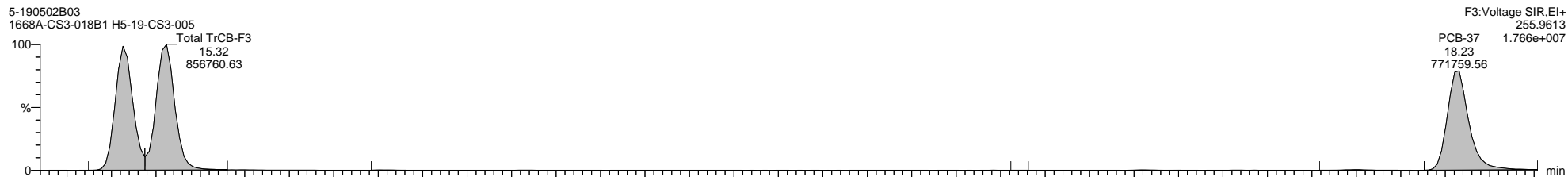
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Name: 5-190502B03, Date: 02-May-2019, Time: 13:31:47, ID: H5-19-CS3-005, Description: 1668A-CS3-018B1, Vial: Tray1:1



Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

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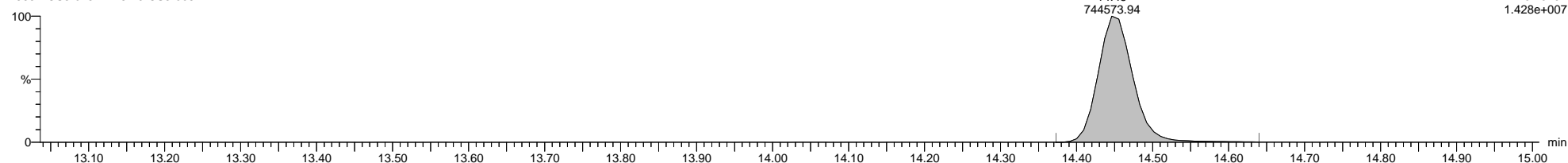
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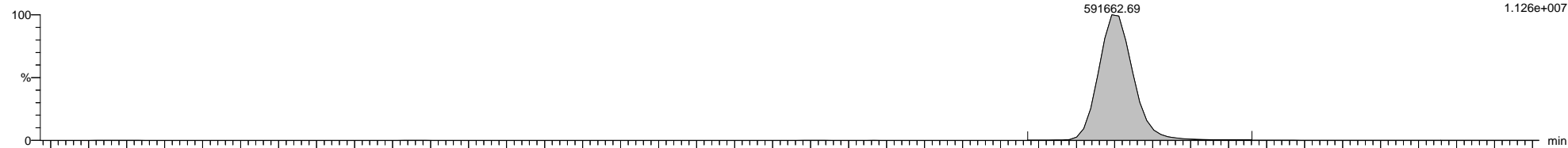
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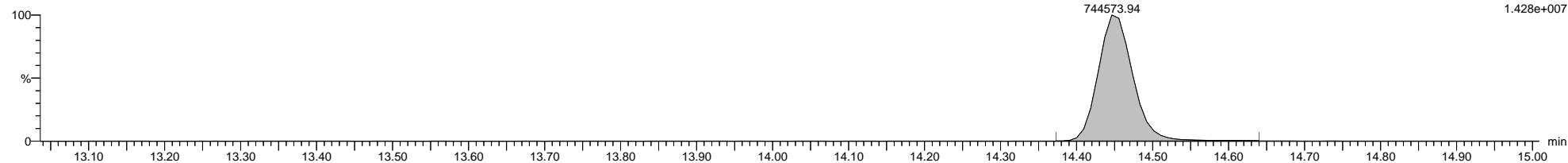
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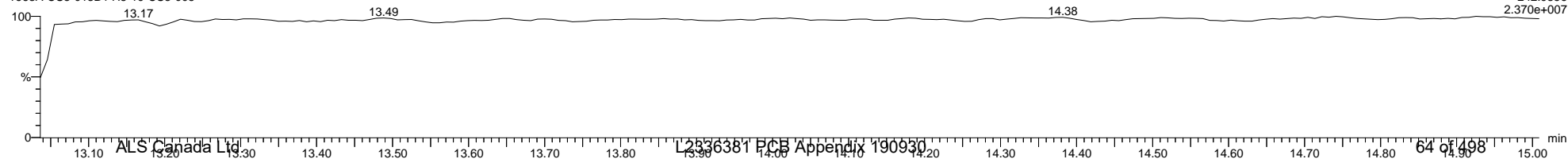
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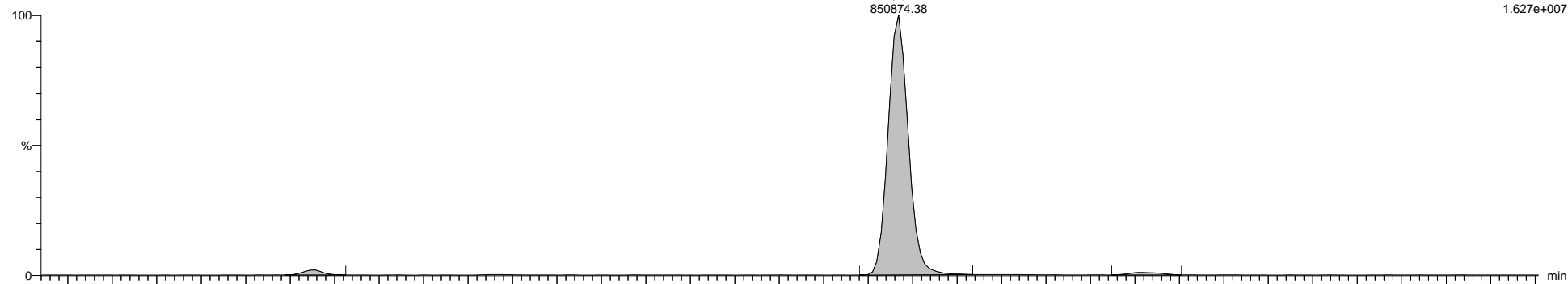
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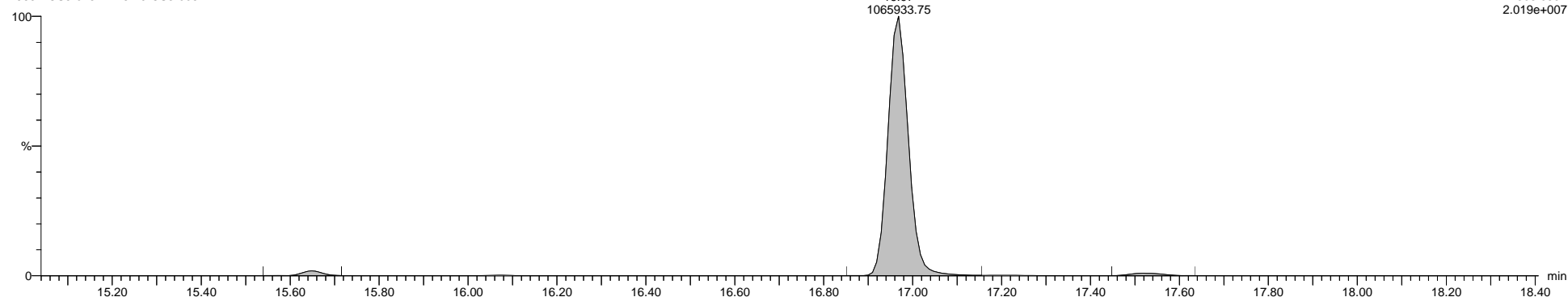
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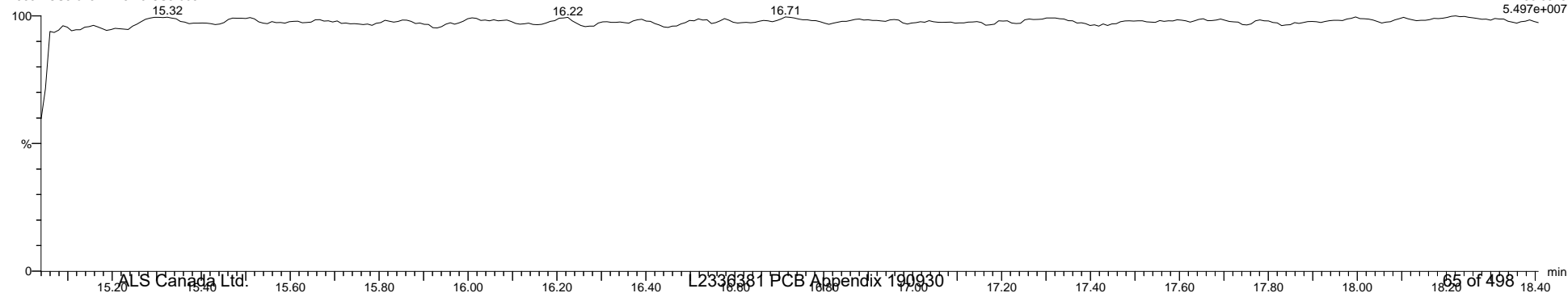
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Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

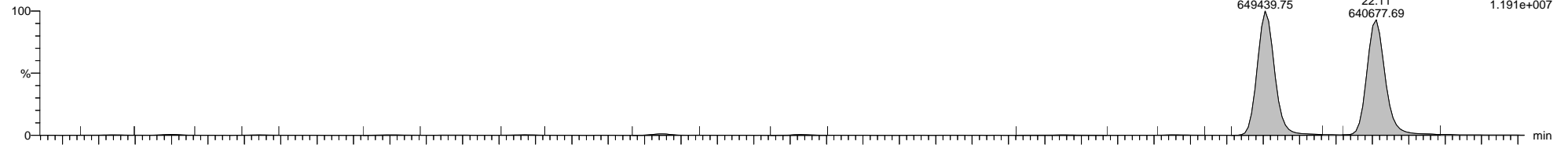
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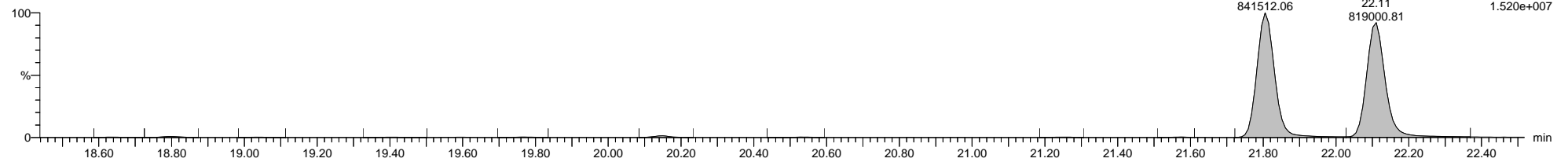
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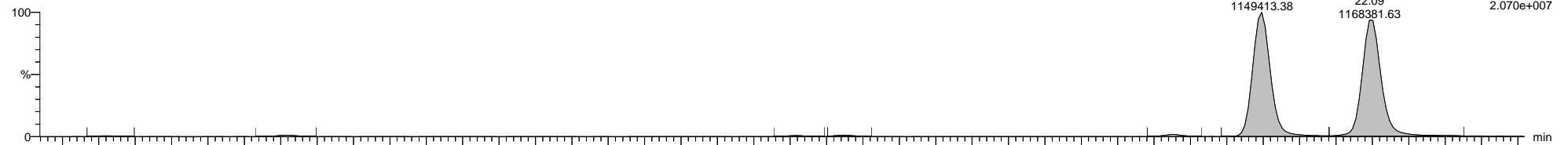
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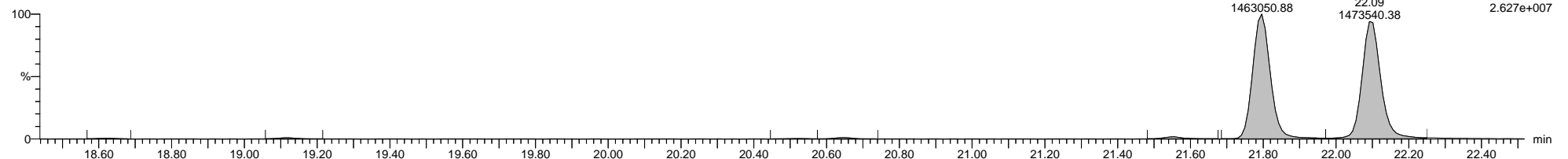
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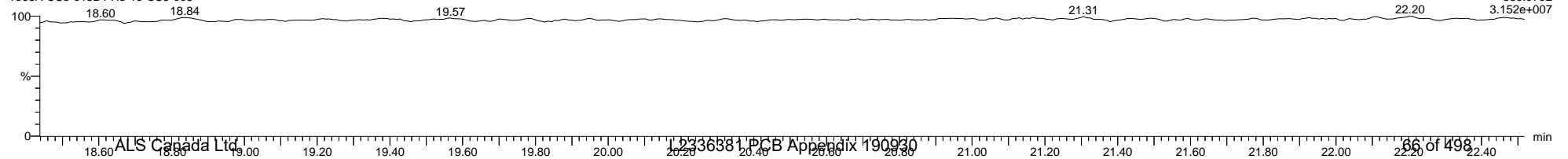
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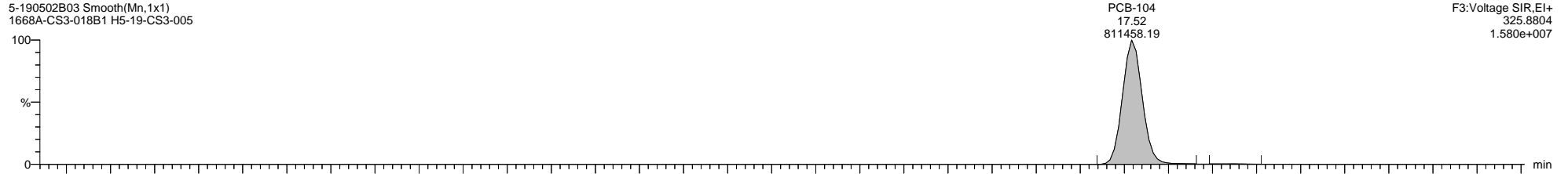
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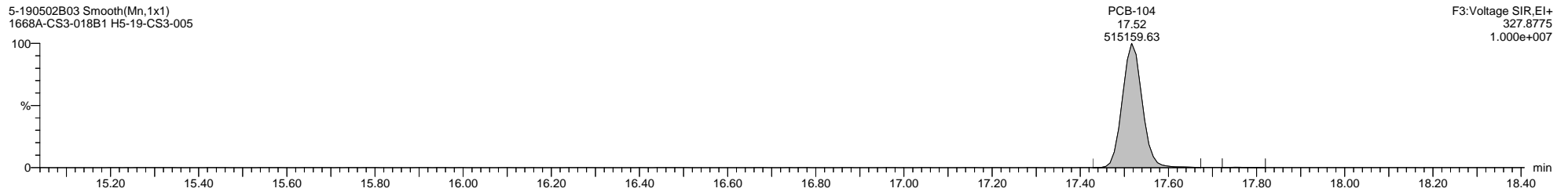
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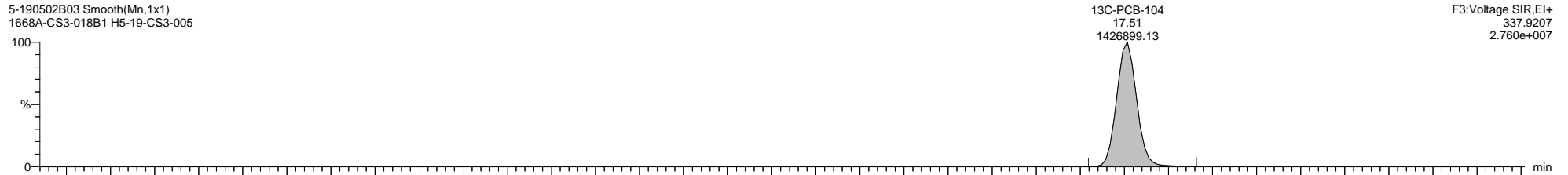
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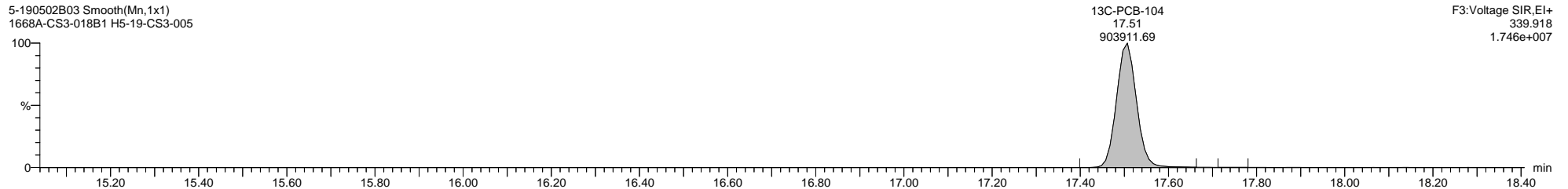
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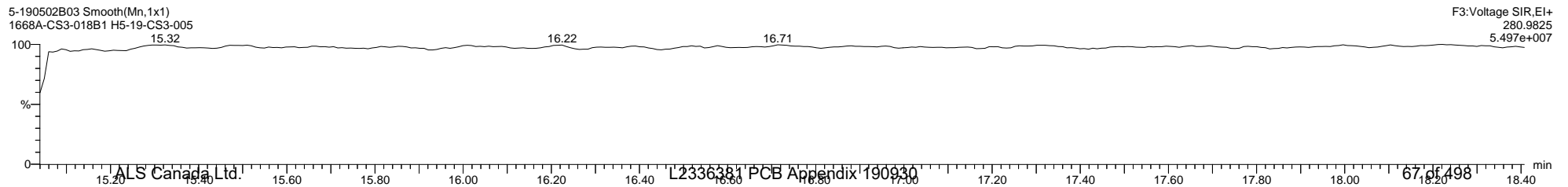
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Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

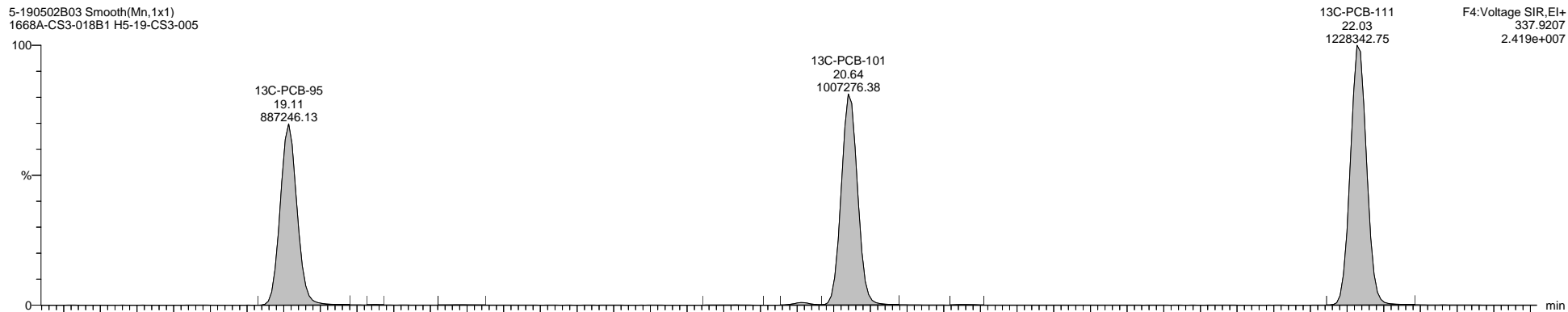
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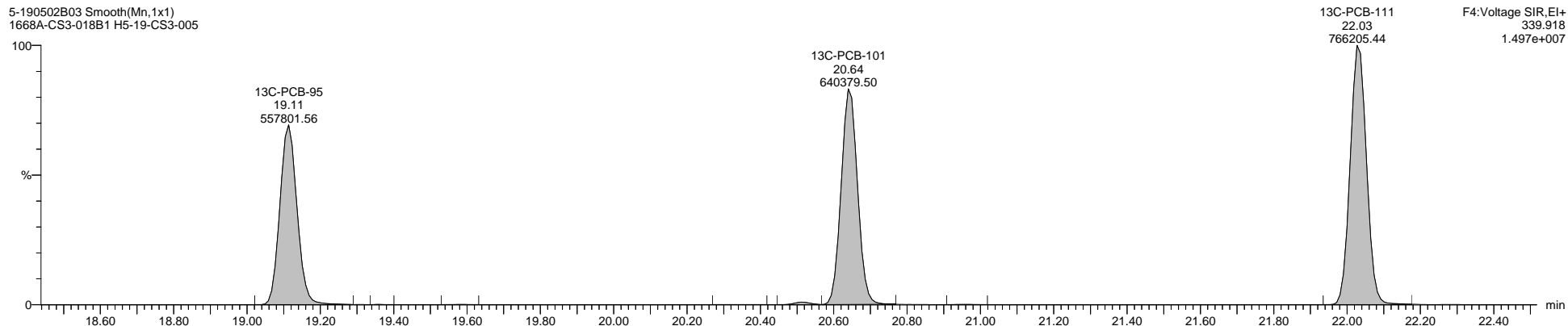
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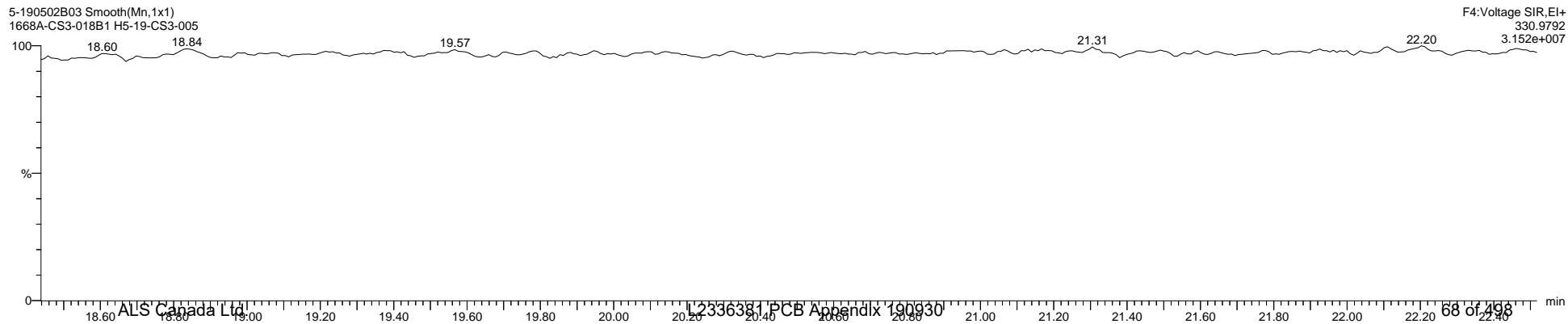
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1668A-CS3-018B1 H5-19-CS3-005



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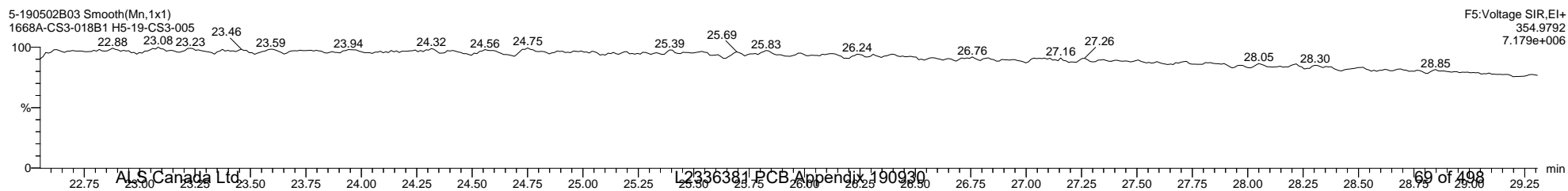
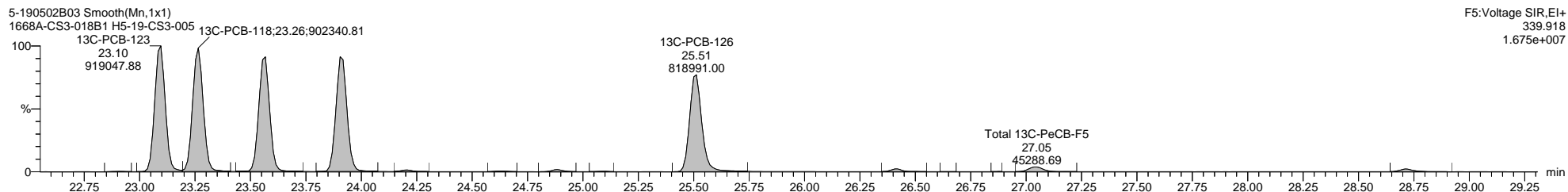
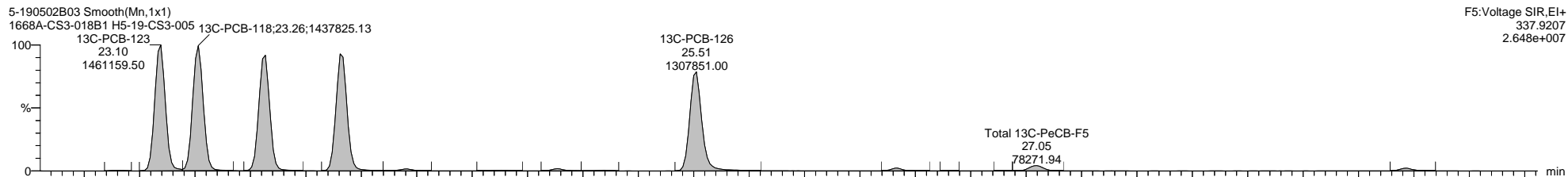
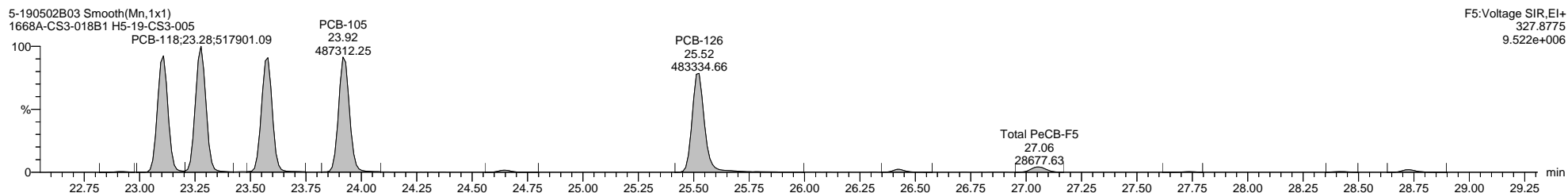
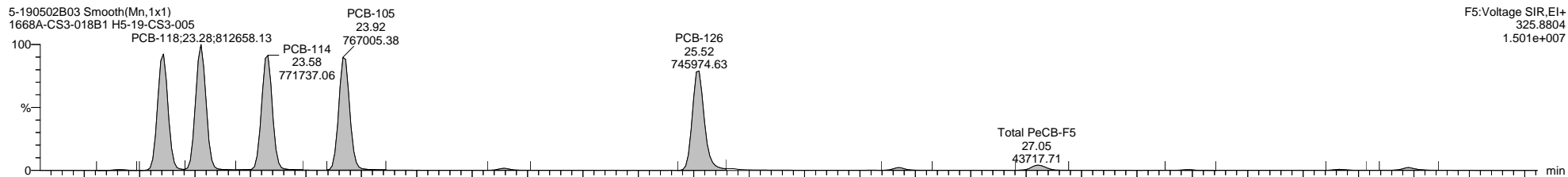
MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B03, Date: 02-May-2019, Time: 13:31:47, ID: H5-19-CS3-005, Description: 1668A-CS3-018B1, Vial: Tray1:1



Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

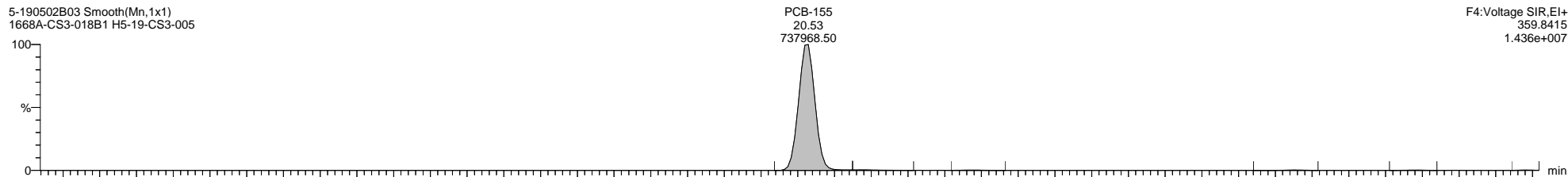
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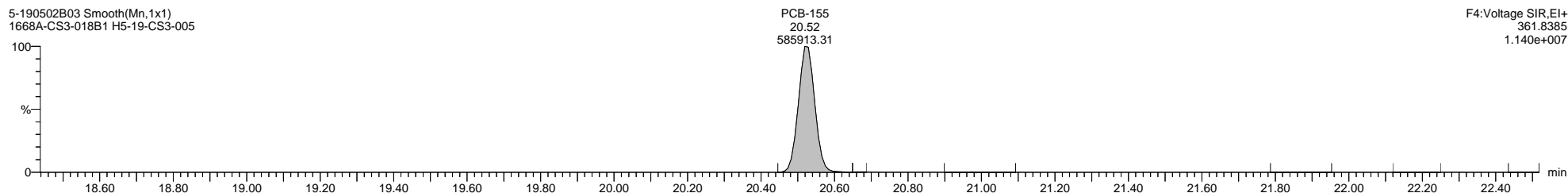
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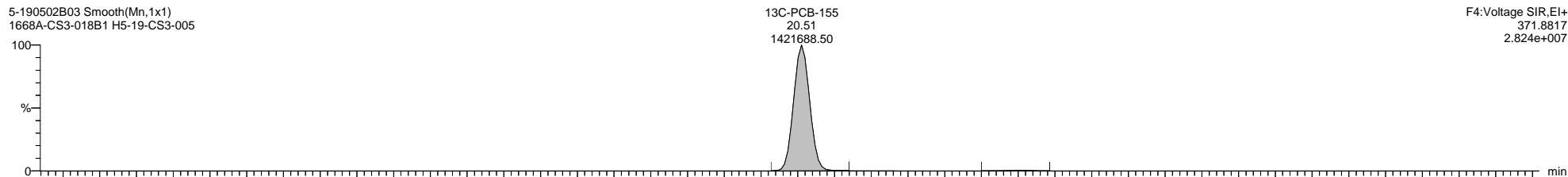
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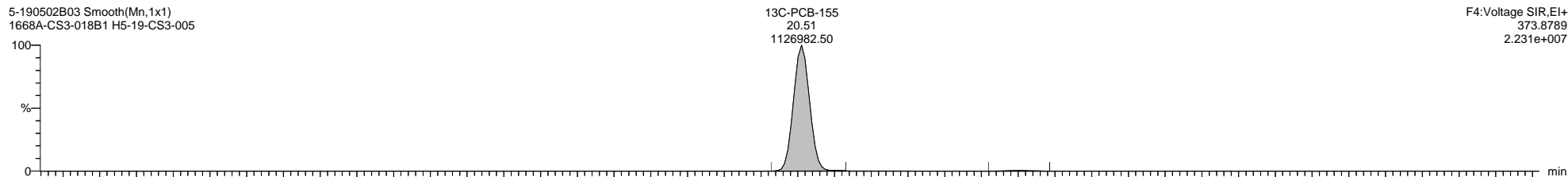
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1668A-CS3-018B1 H5-19-CS3-005



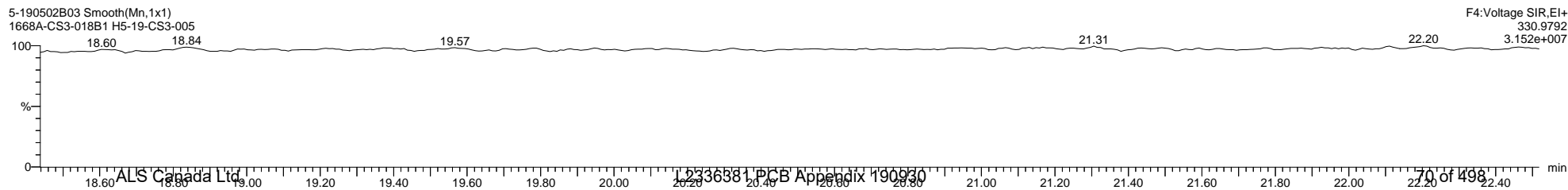
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5-190502B03 Smooth(Mn,1x1)  
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5-190502B03 Smooth(Mn,1x1)  
1668A-CS3-018B1 H5-19-CS3-005



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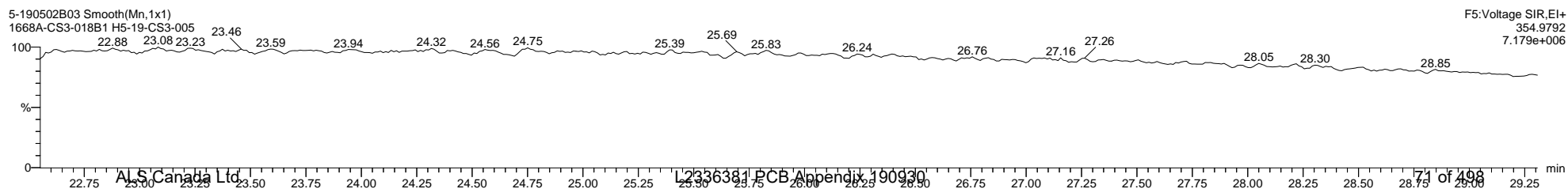
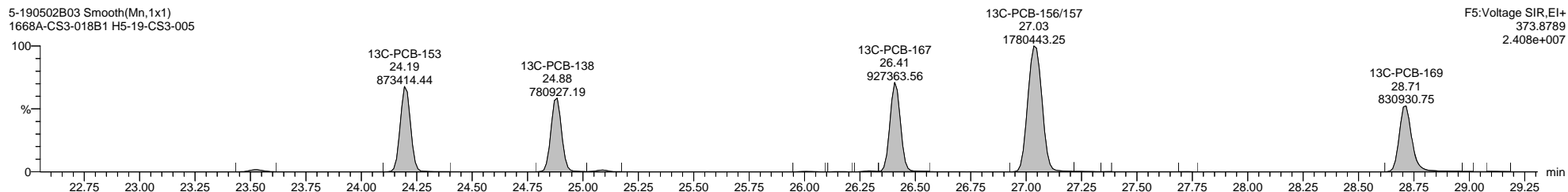
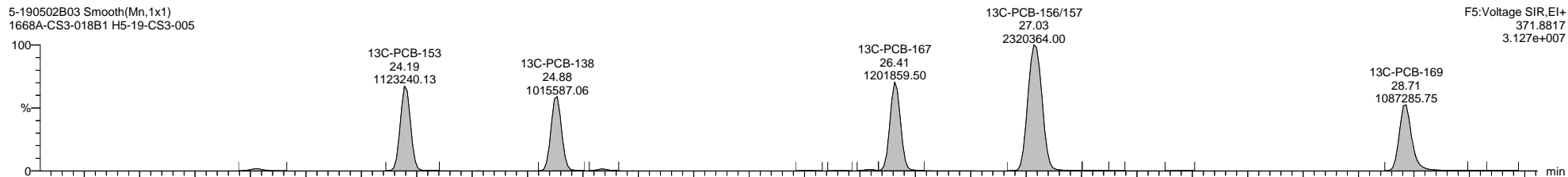
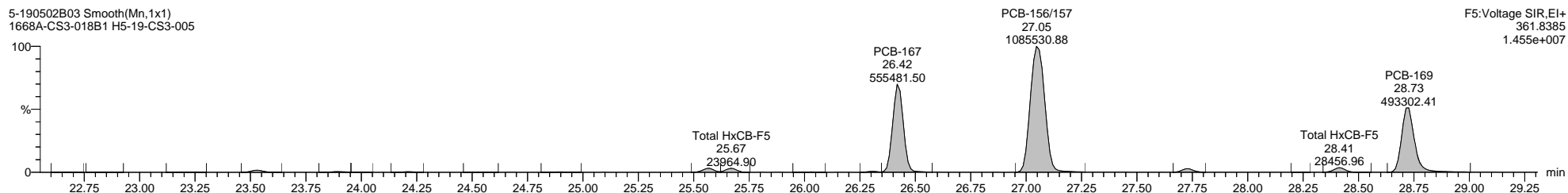
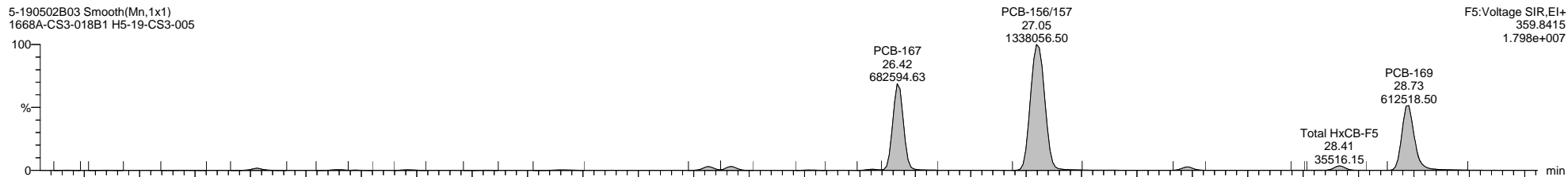
MassLynx MassLynx V4.1 SCN 901

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Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B03, Date: 02-May-2019, Time: 13:31:47, ID: H5-19-CS3-005, Description: 1668A-CS3-018B1, Vial: Tray1:1



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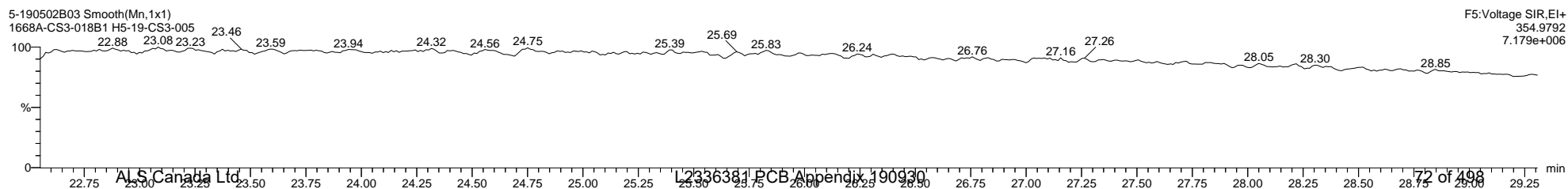
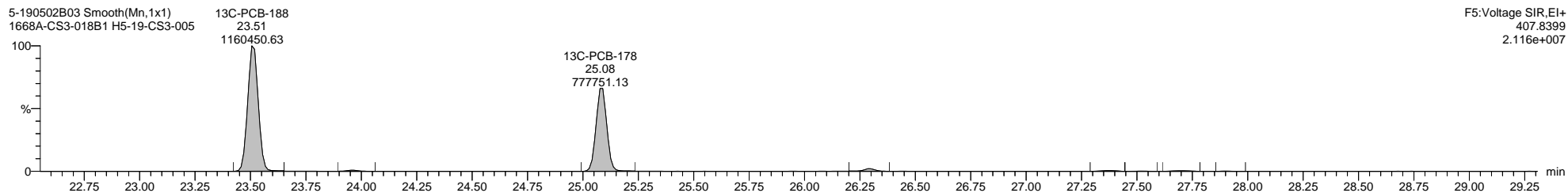
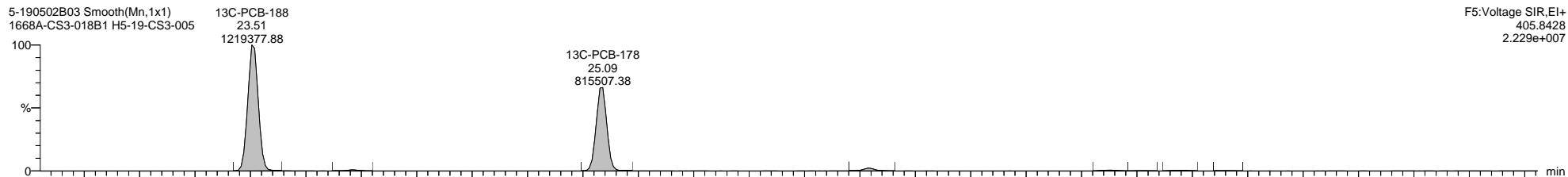
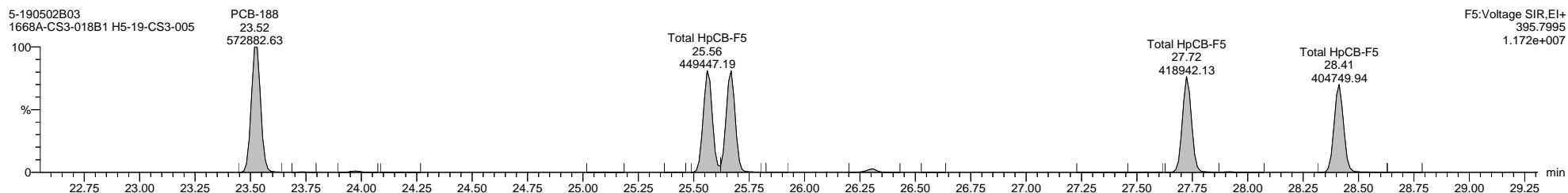
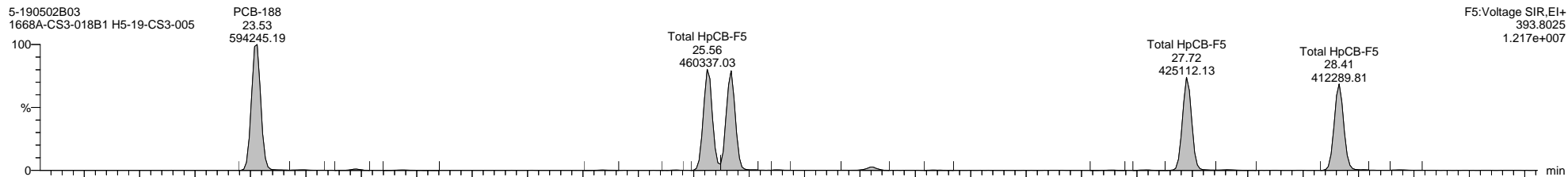
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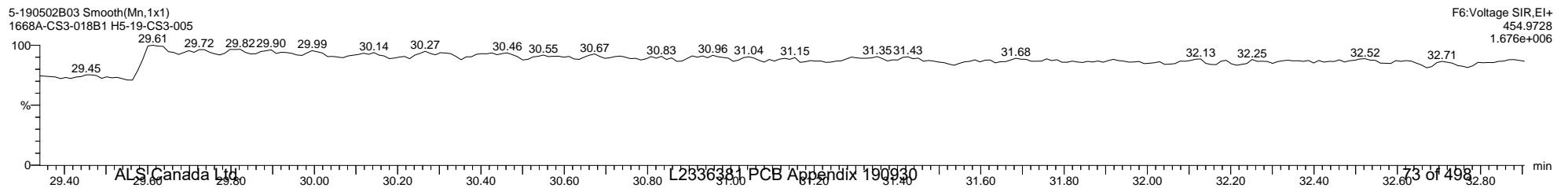
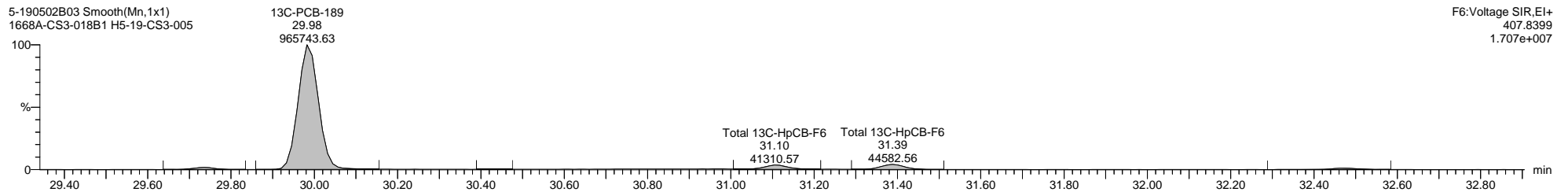
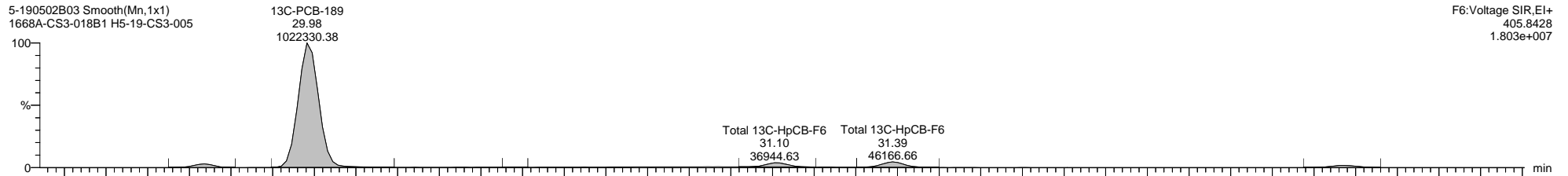
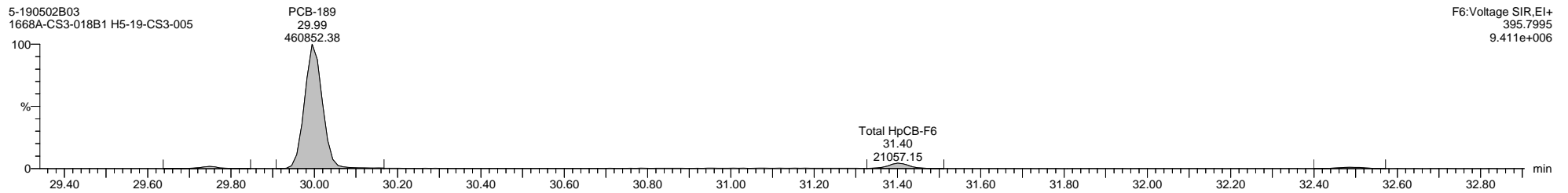
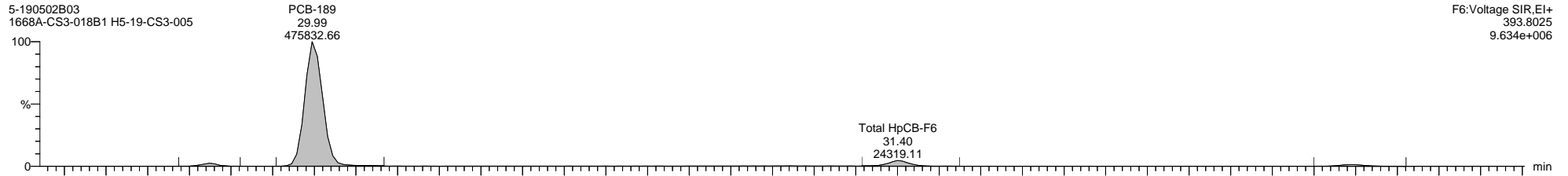
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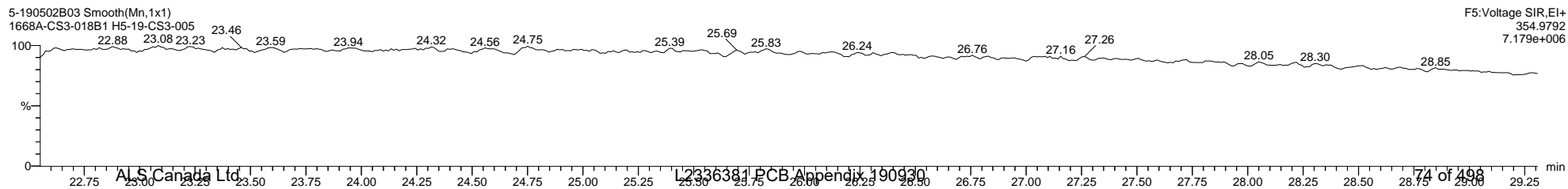
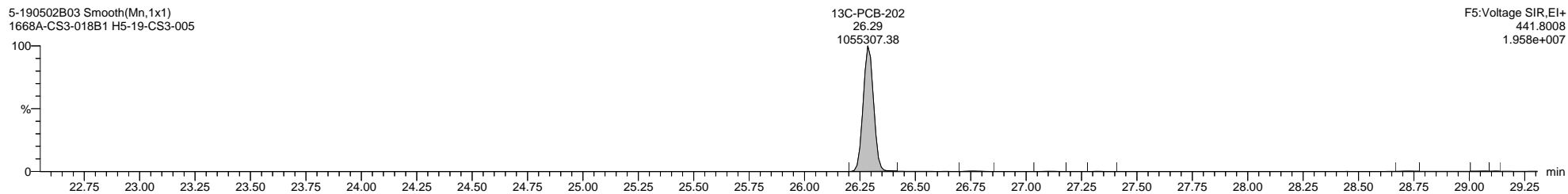
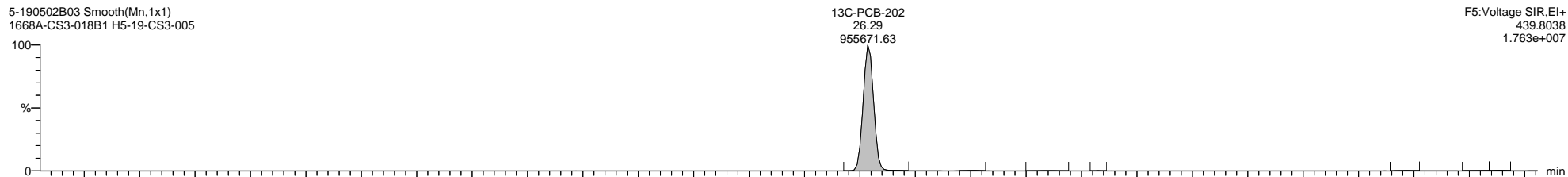
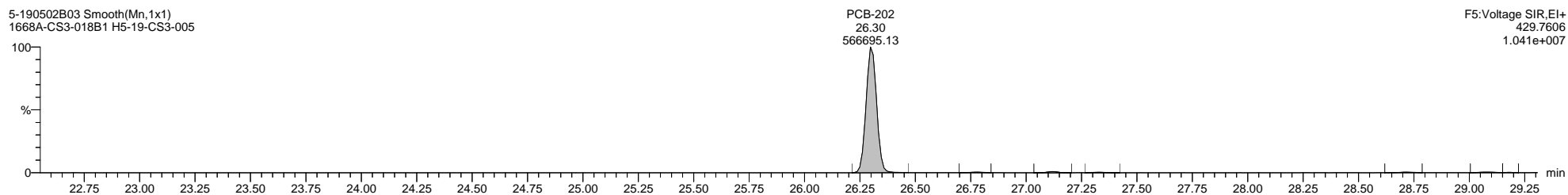
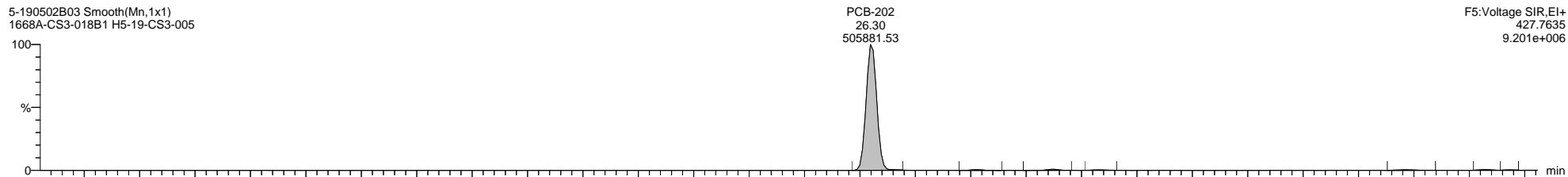
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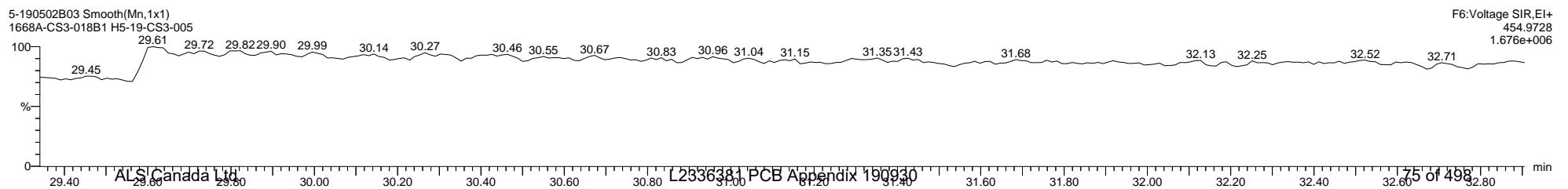
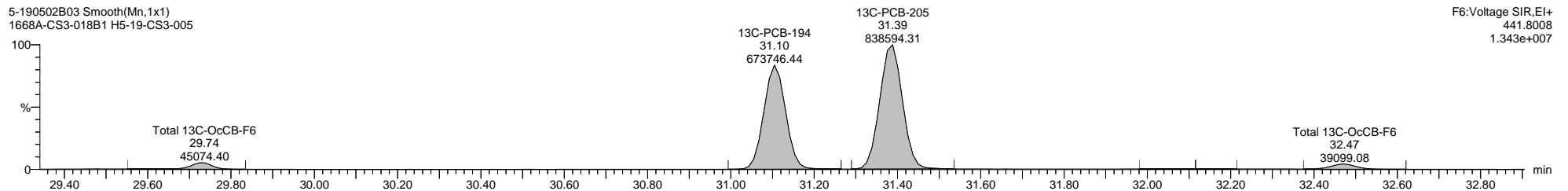
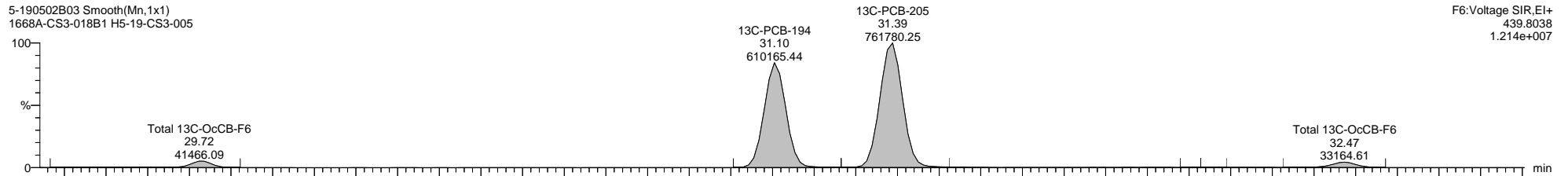
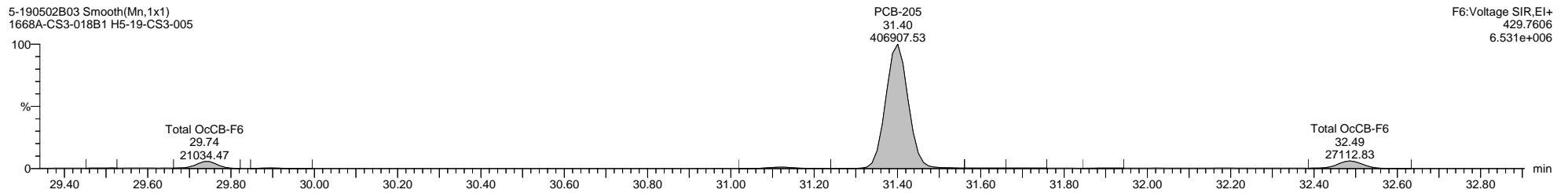
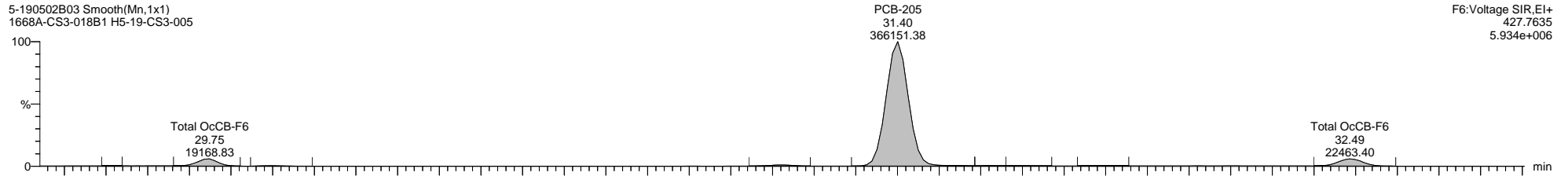
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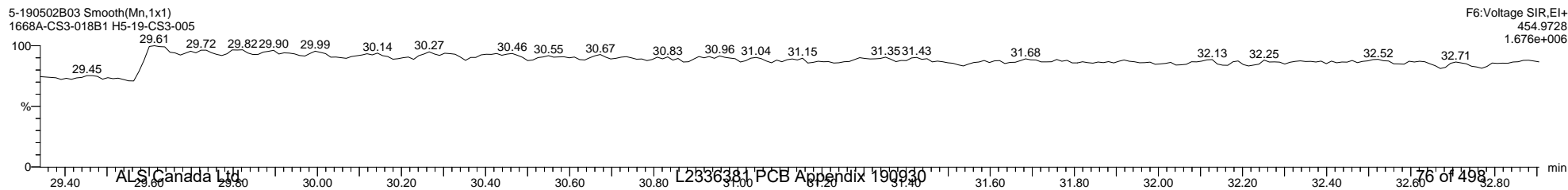
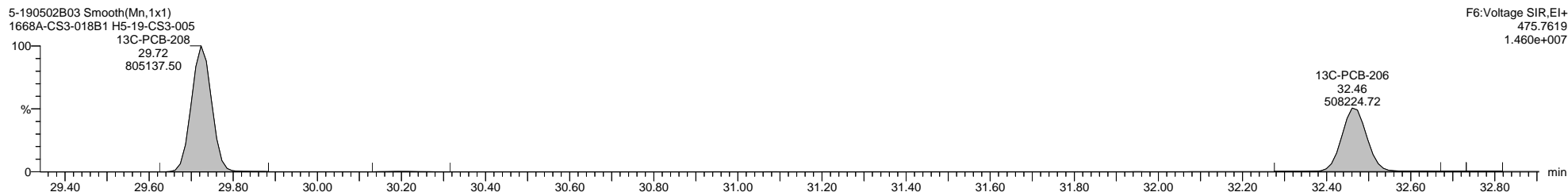
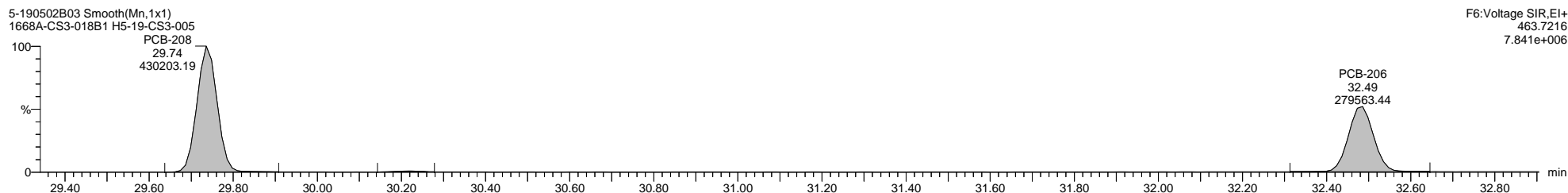
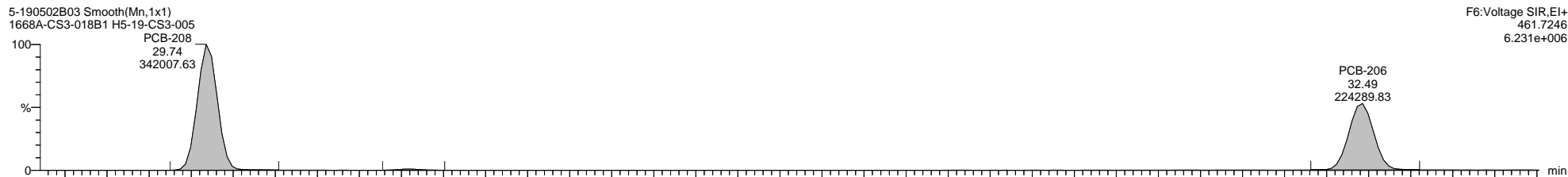
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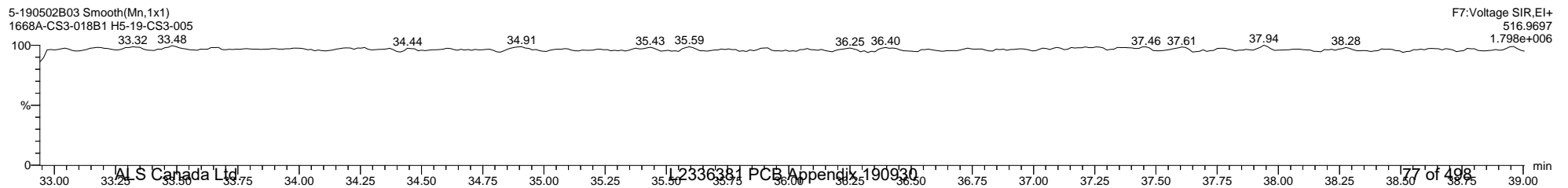
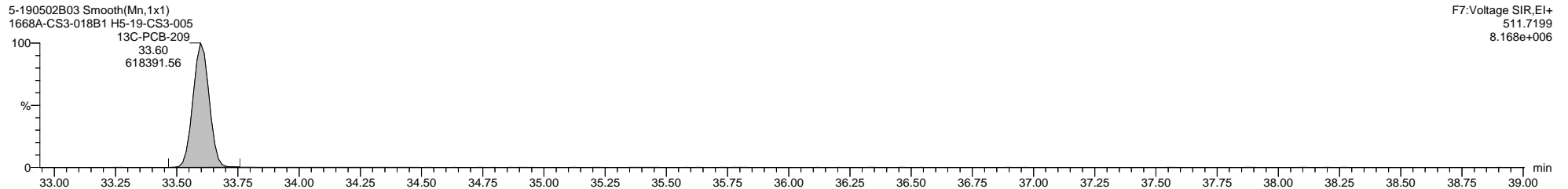
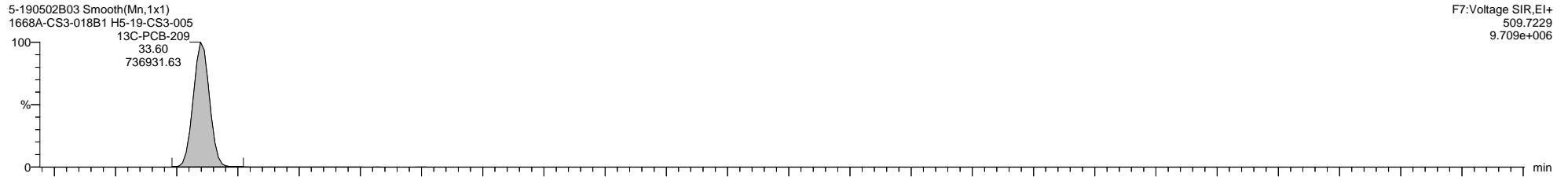
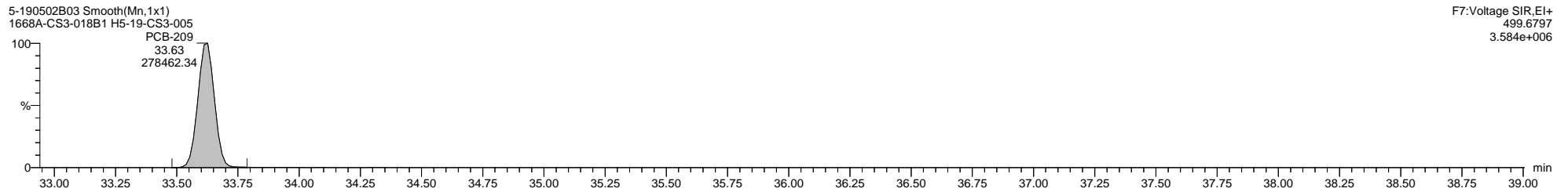
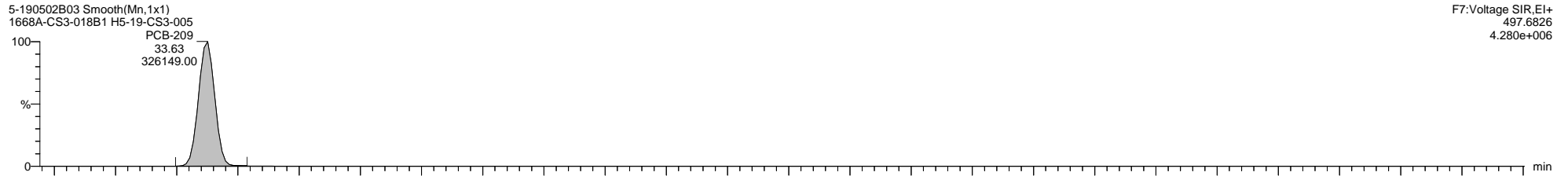
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Quantify Sample Template Report

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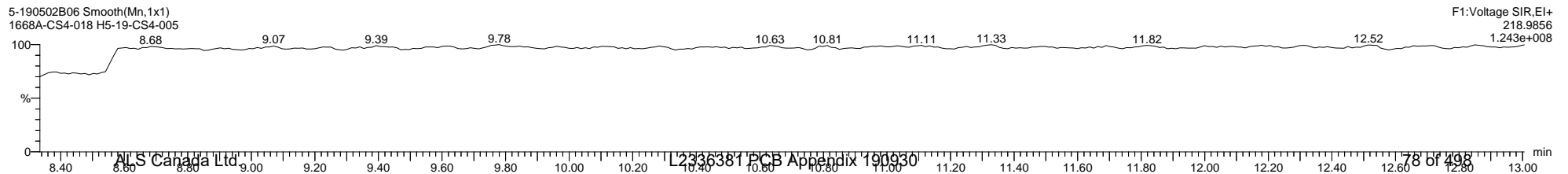
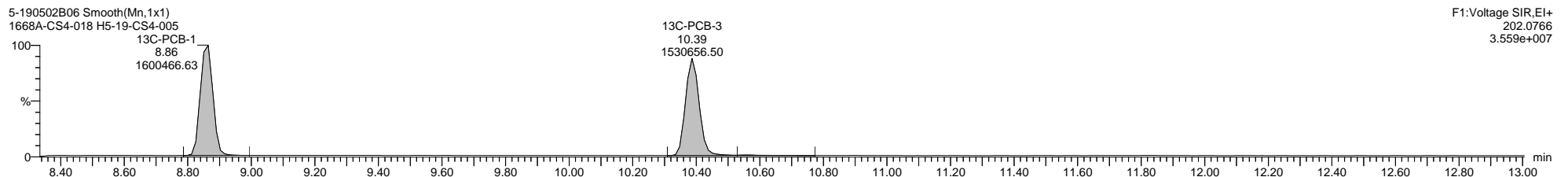
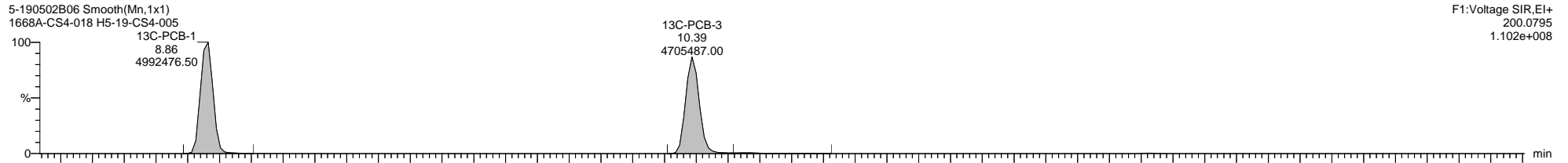
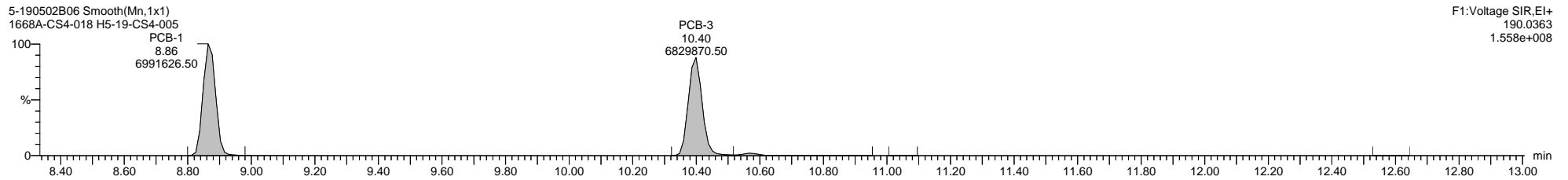
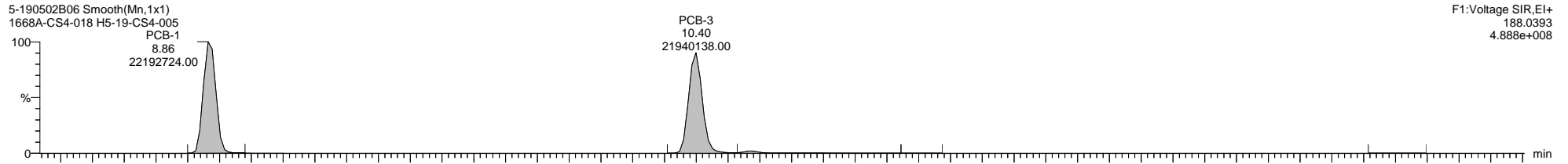
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Name: 5-190502B06, Date: 02-May-2019, Time: 15:38:16, ID: H5-19-CS4-005, Description: 1668A-CS4-018, Vial: Tray1:44



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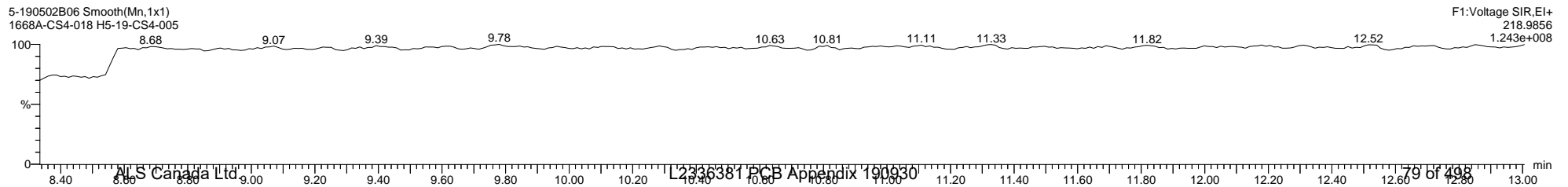
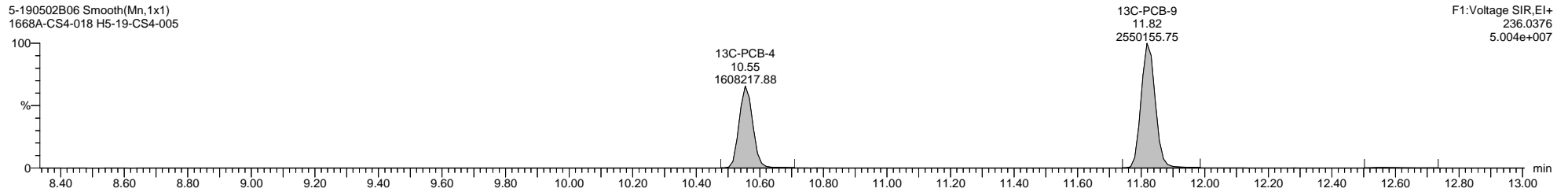
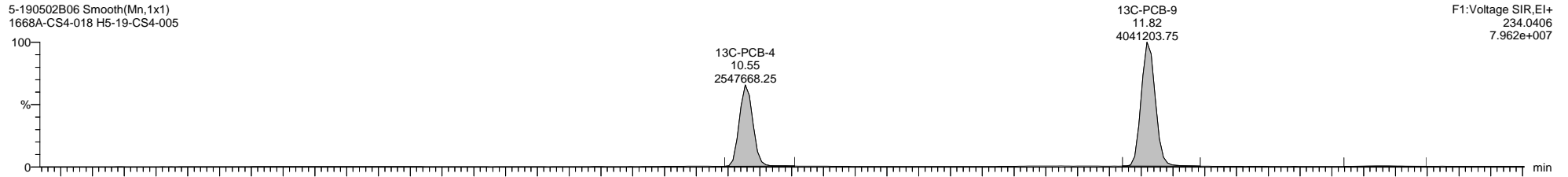
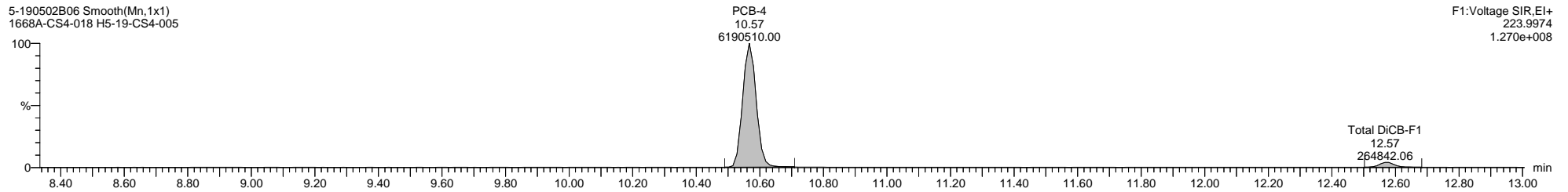
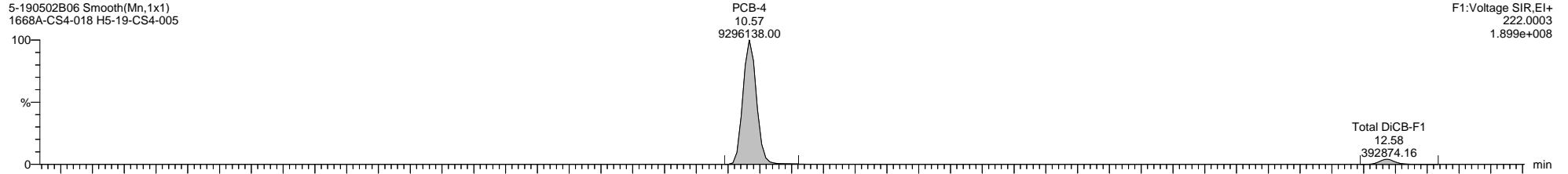
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Name: 5-190502B06, Date: 02-May-2019, Time: 15:38:16, ID: H5-19-CS4-005, Description: 1668A-CS4-018, Vial: Tray1:44



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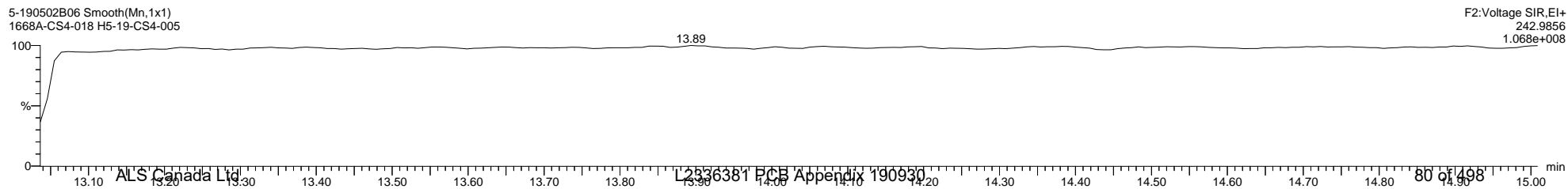
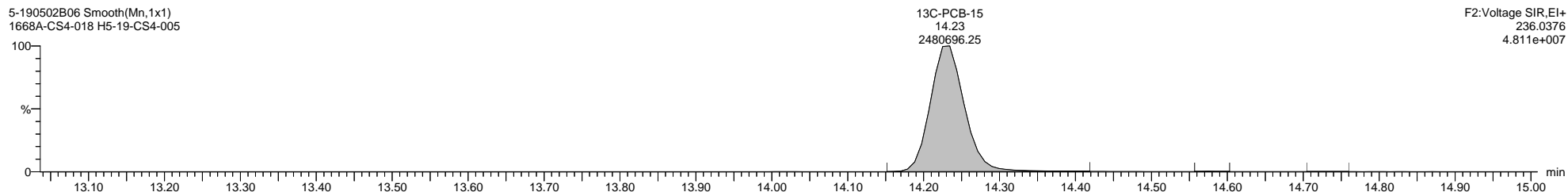
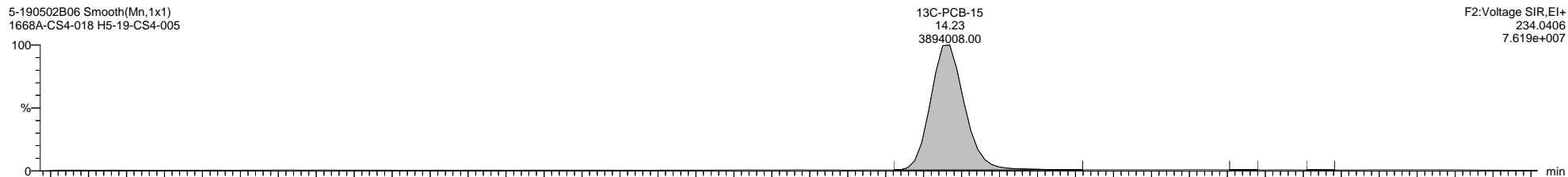
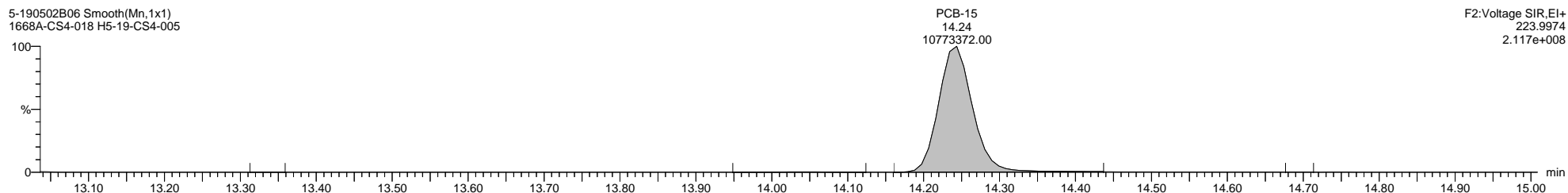
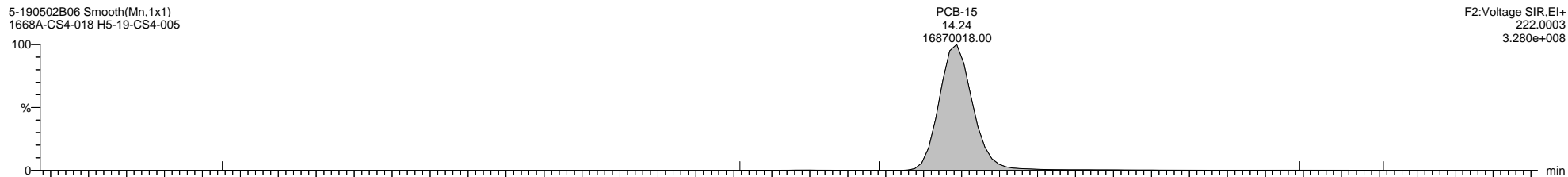
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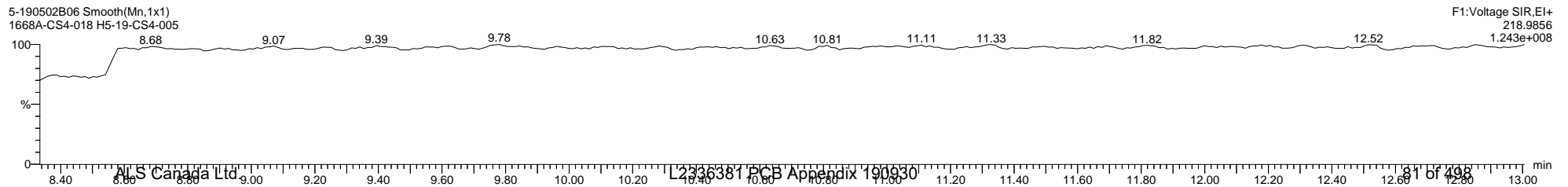
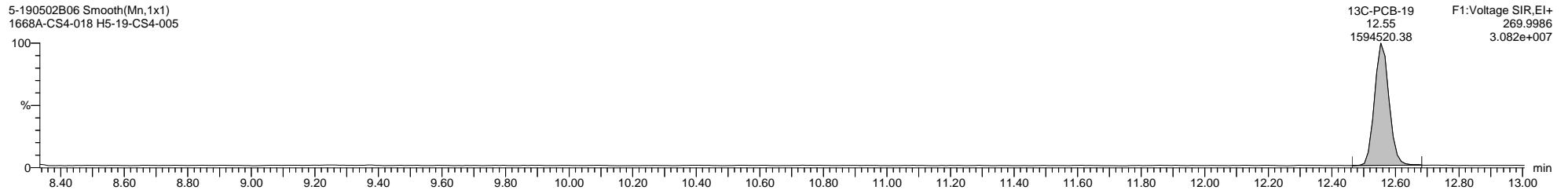
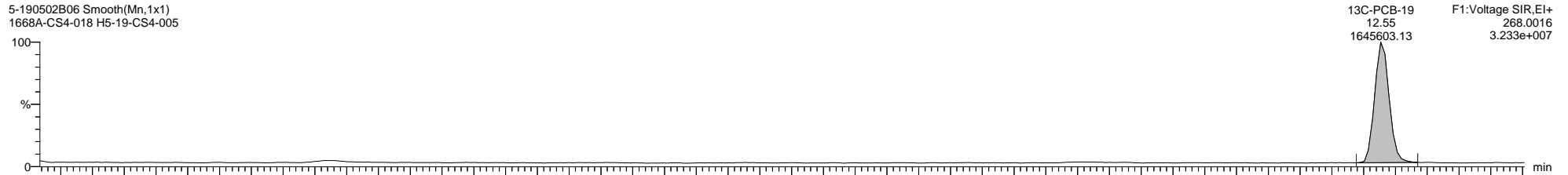
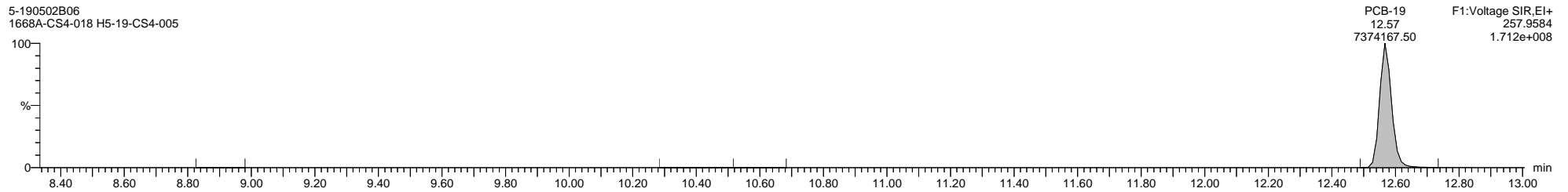
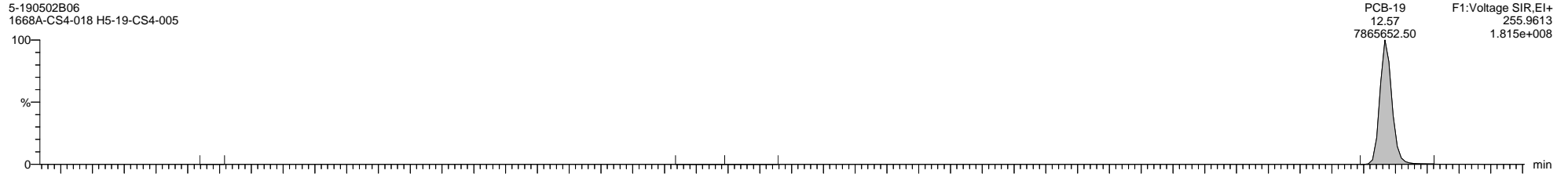
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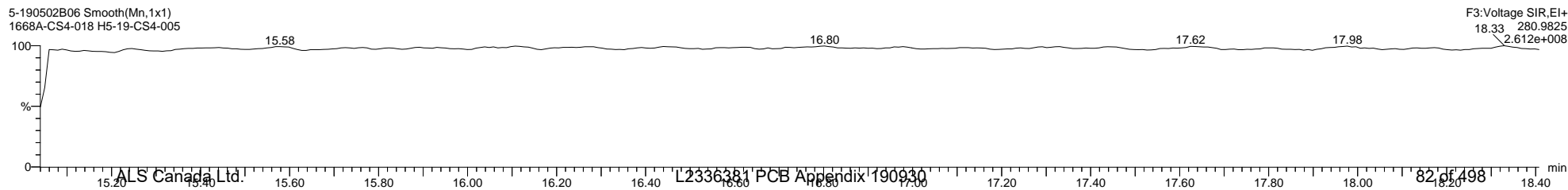
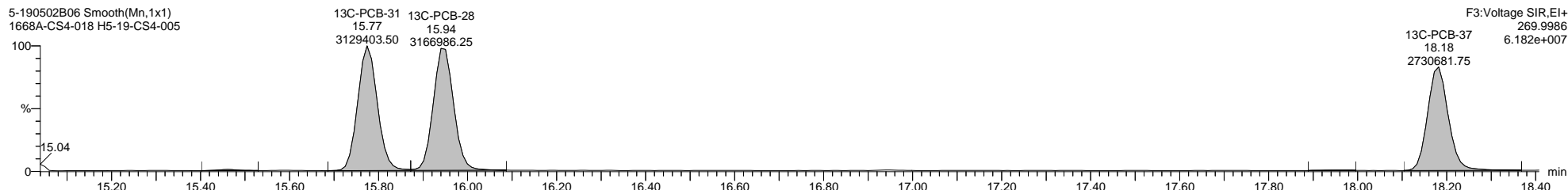
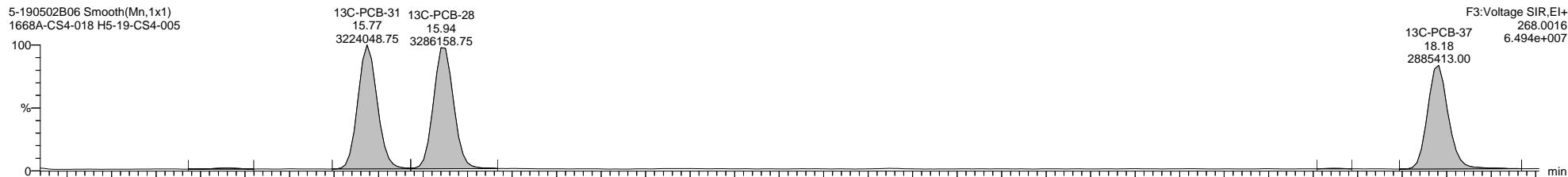
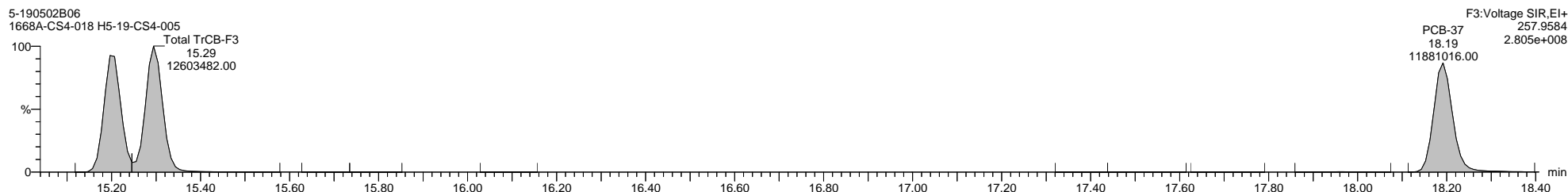
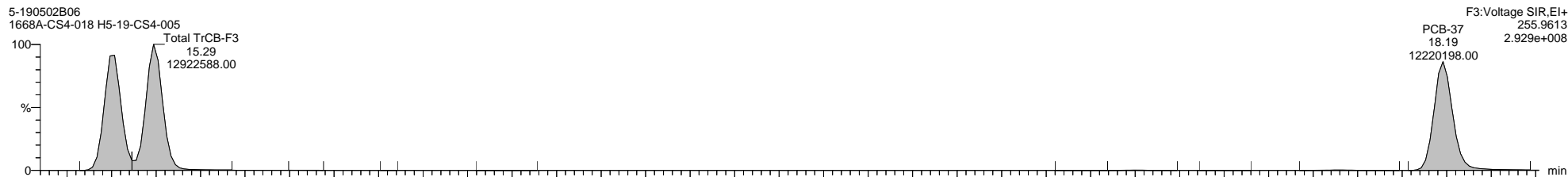
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MassLynx MassLynx V4.1 SCN 901

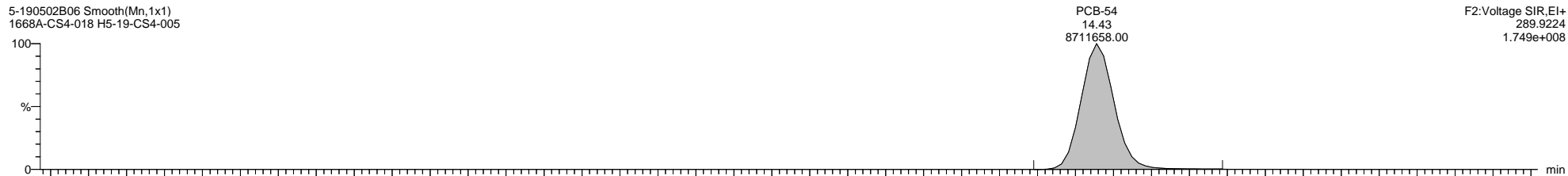
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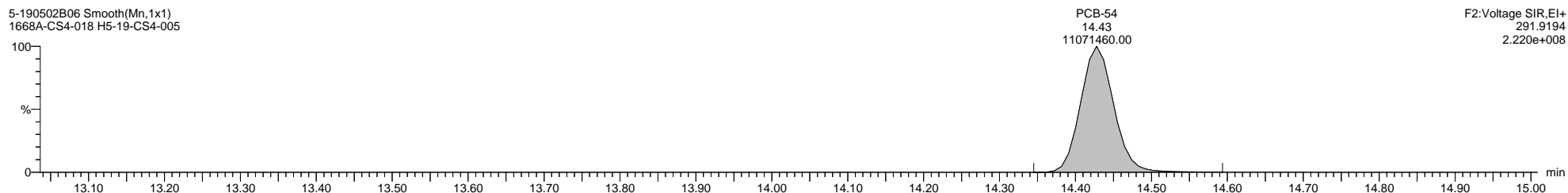
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Name: 5-190502B06, Date: 02-May-2019, Time: 15:38:16, ID: H5-19-CS4-005, Description: 1668A-CS4-018, Vial: Tray1:44

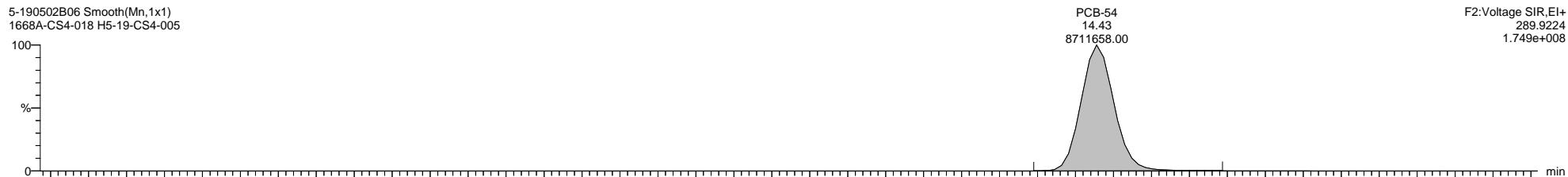
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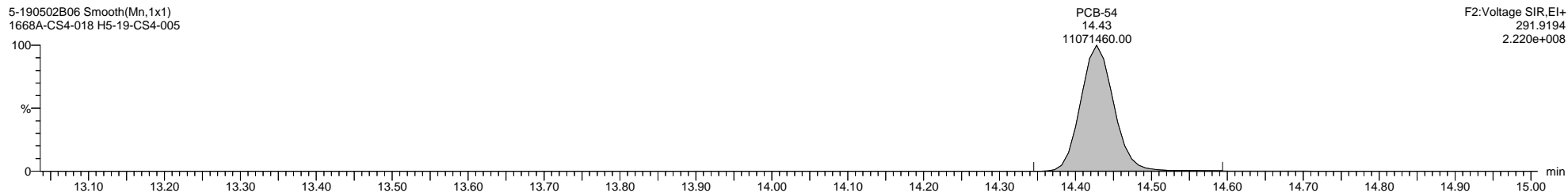
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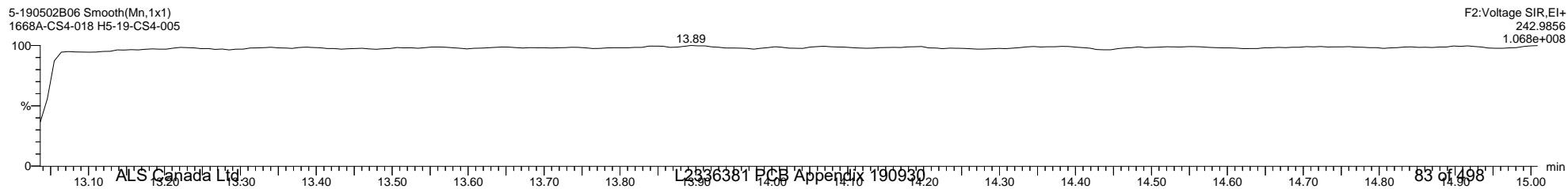
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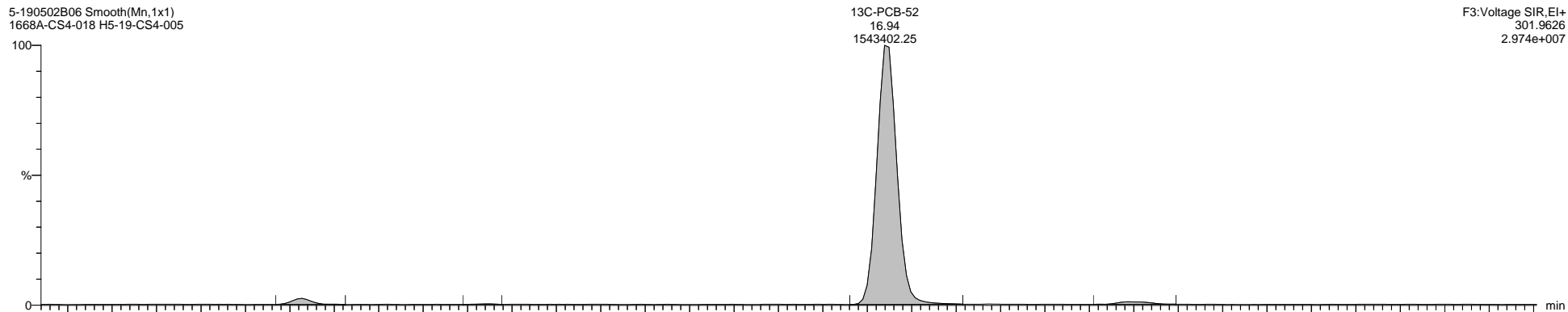
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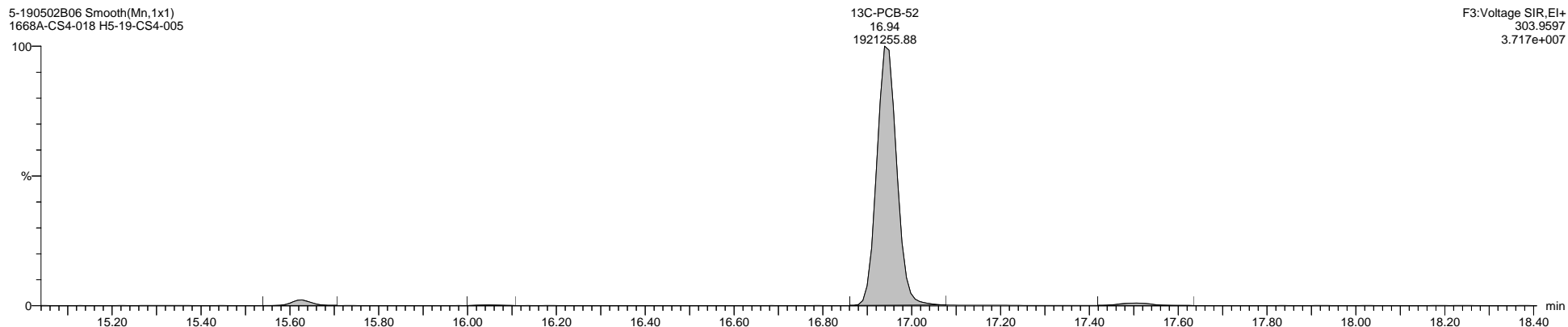
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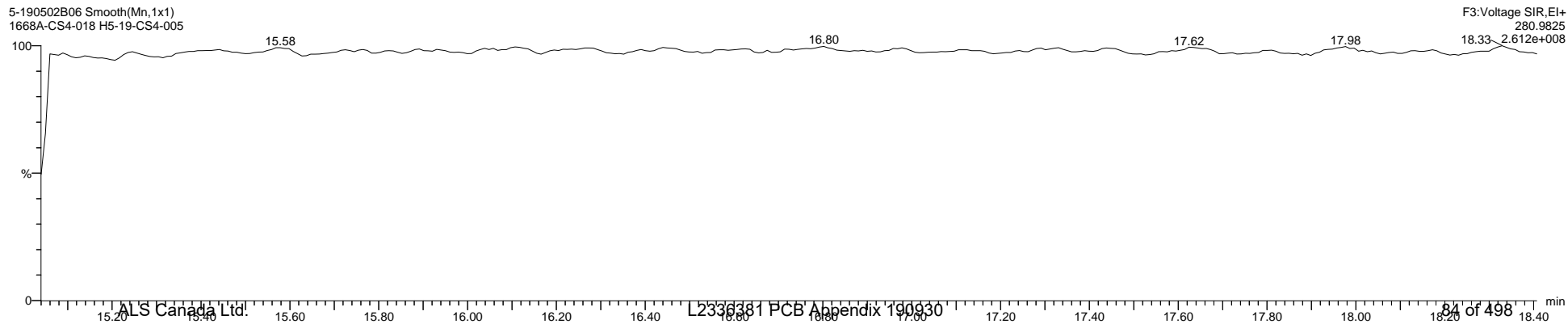
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Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

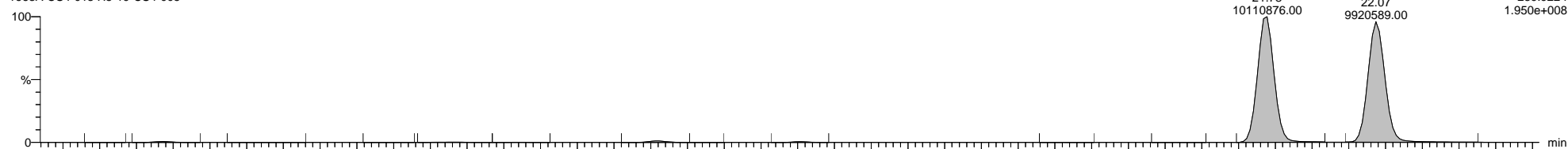
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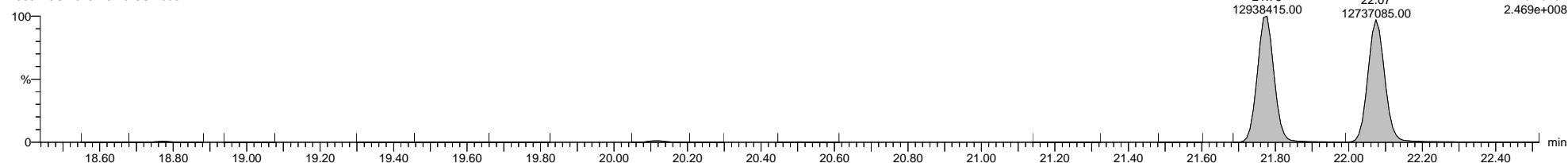
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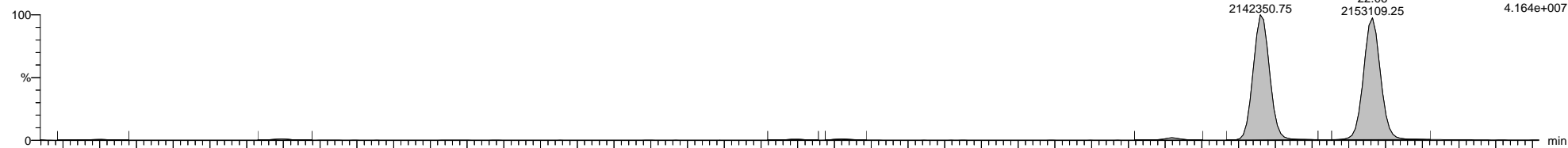
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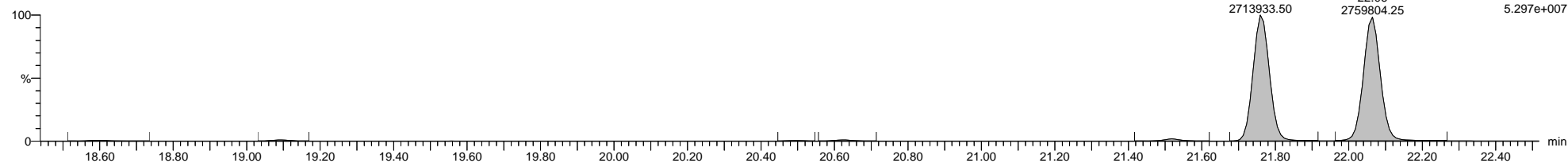
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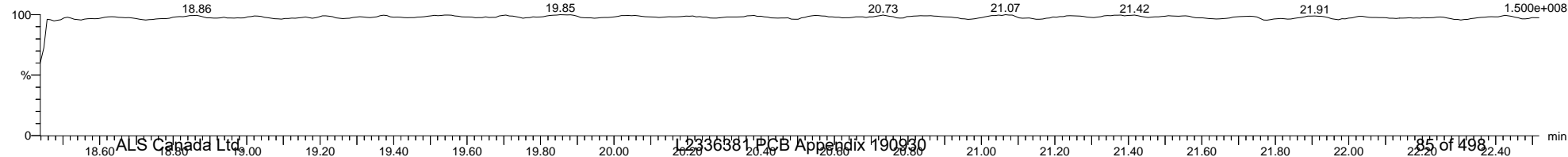
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MassLynx MassLynx V4.1 SCN 901

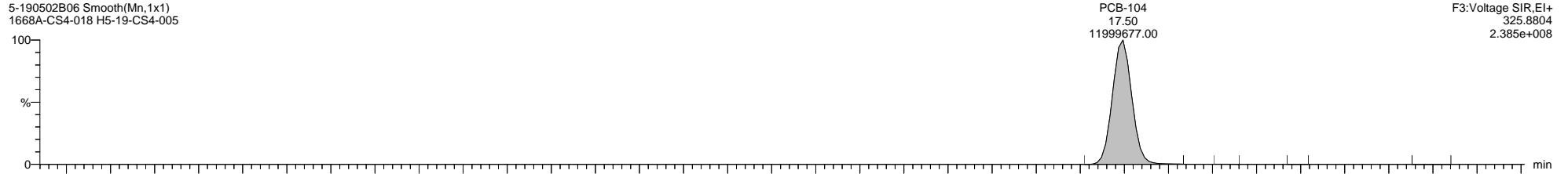
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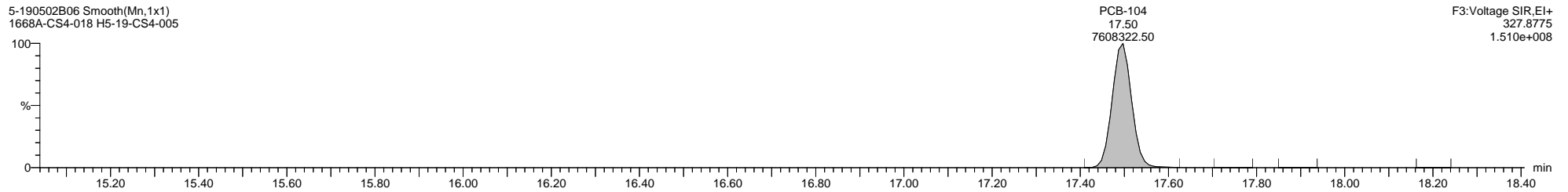
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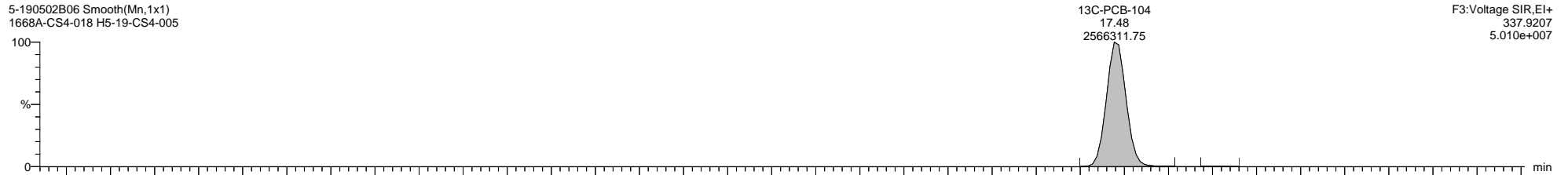
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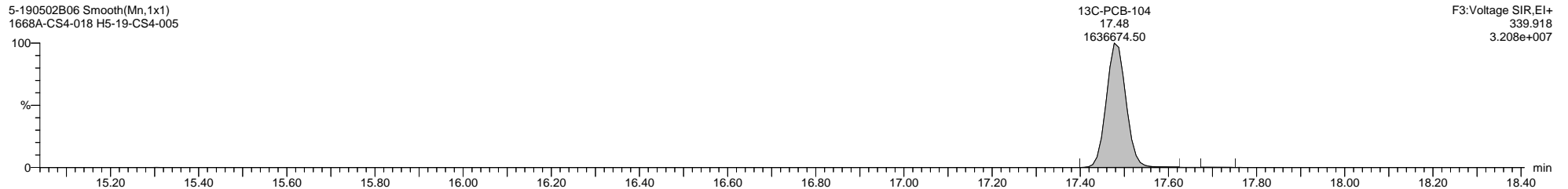
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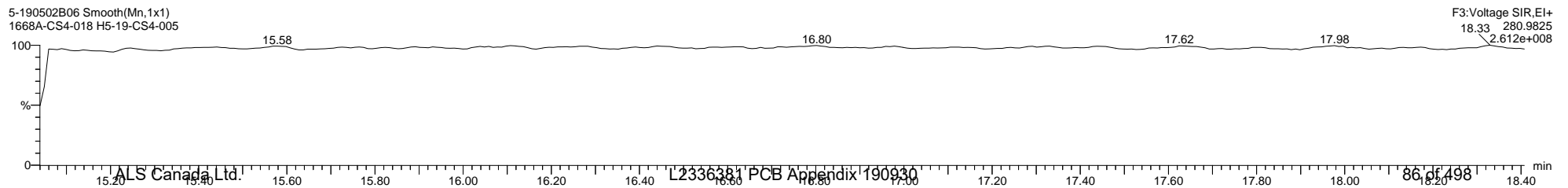
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1668A-CS4-018 H5-19-CS4-005



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MassLynx MassLynx V4.1 SCN 901

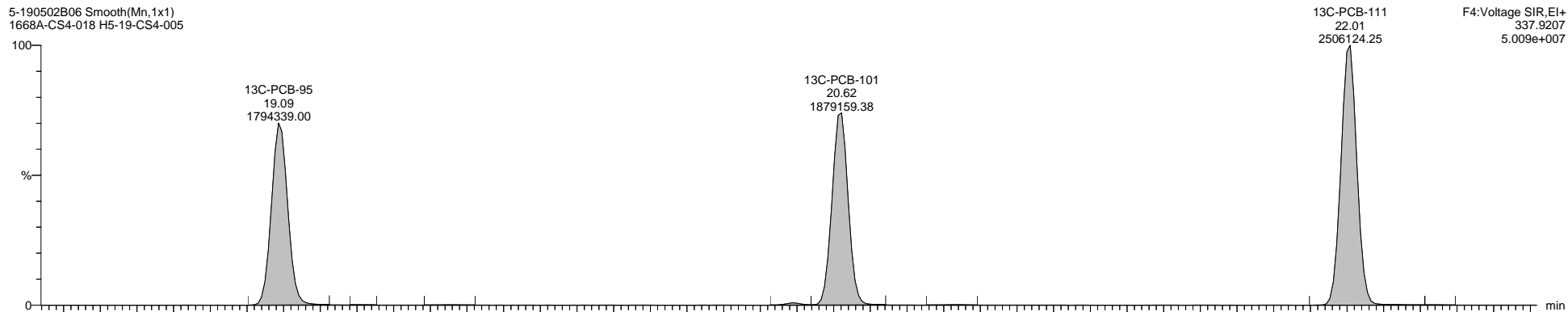
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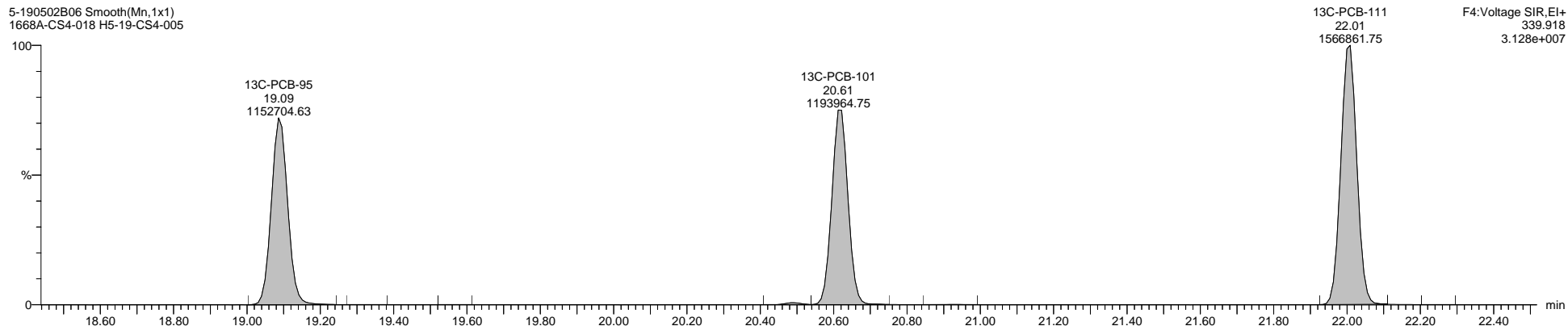
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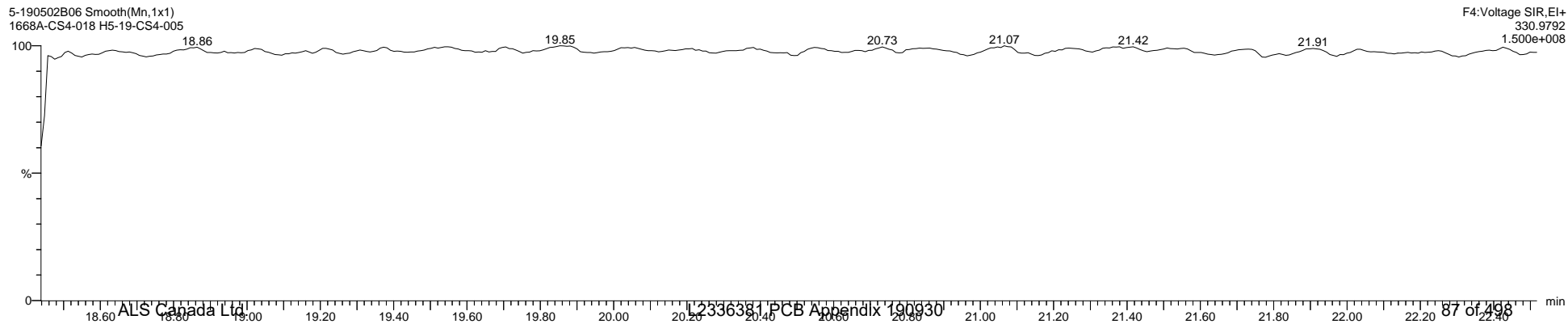
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1668A-CS4-018 H5-19-CS4-005



5-190502B06 Smooth(Mn,1x1)  
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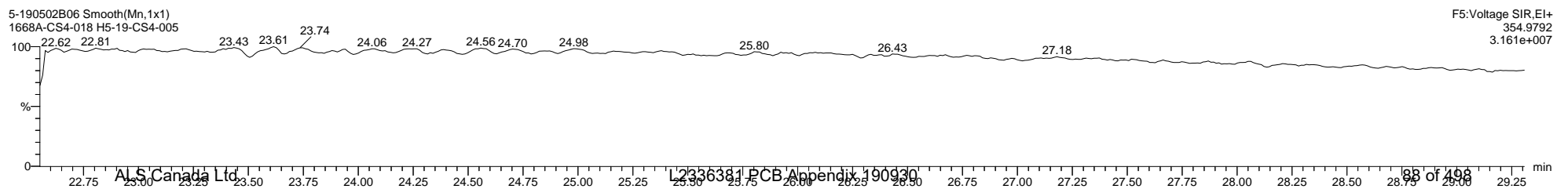
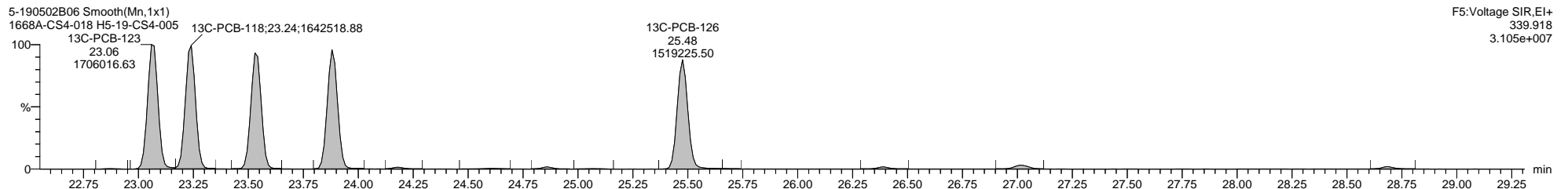
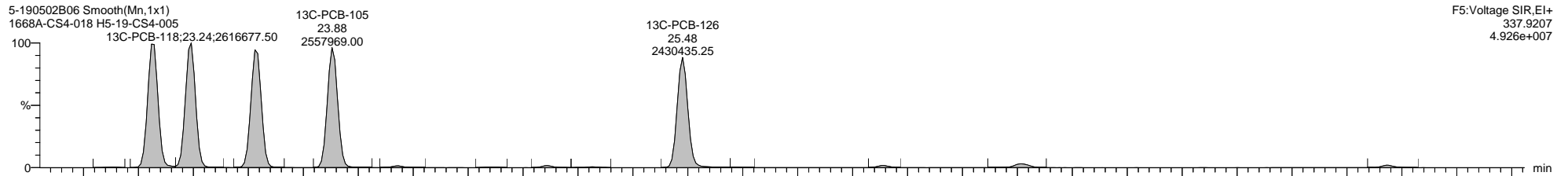
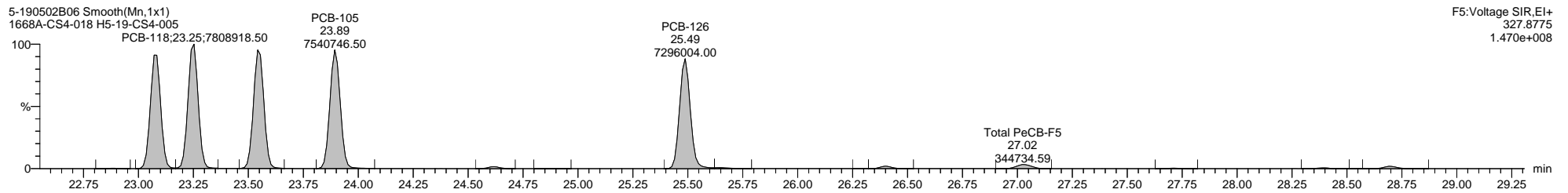
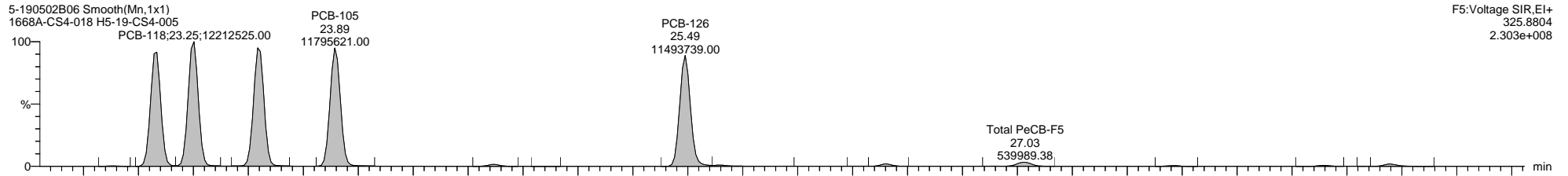
MassLynx MassLynx V4.1 SCN 901

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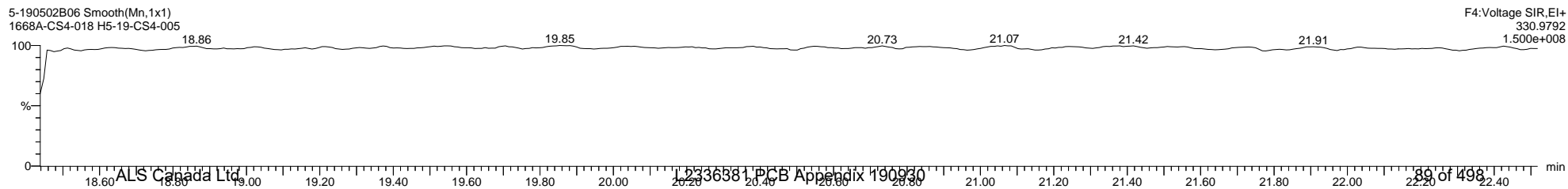
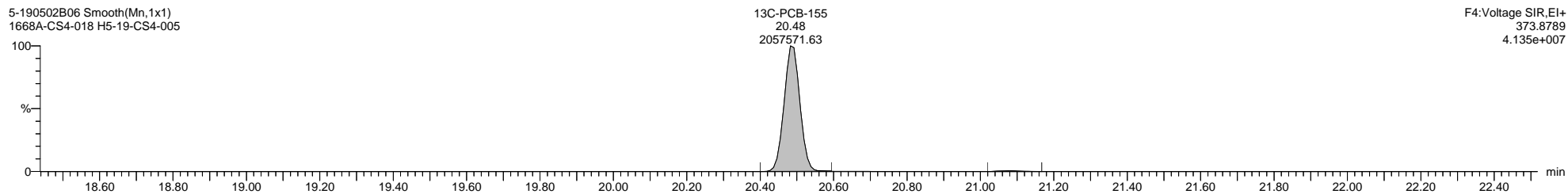
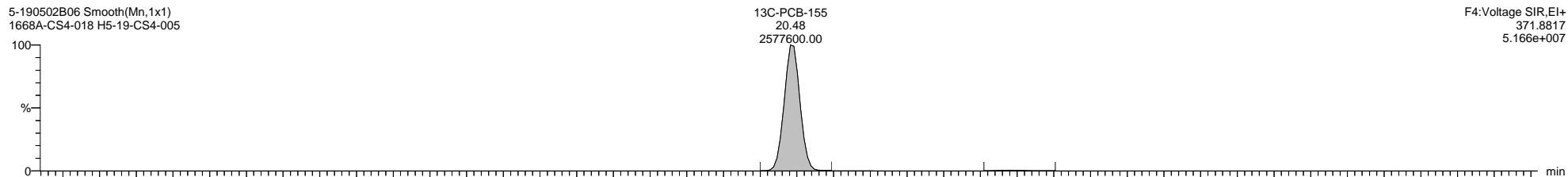
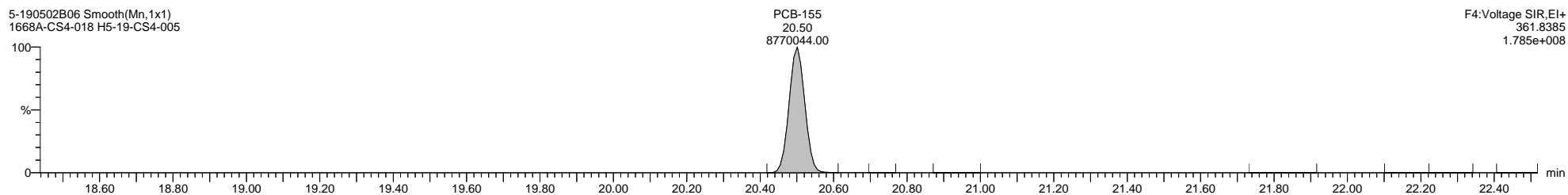
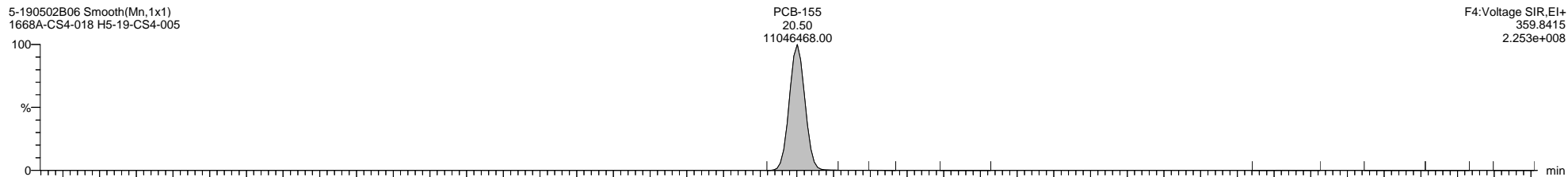
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MassLynx MassLynx V4.1 SCN 901

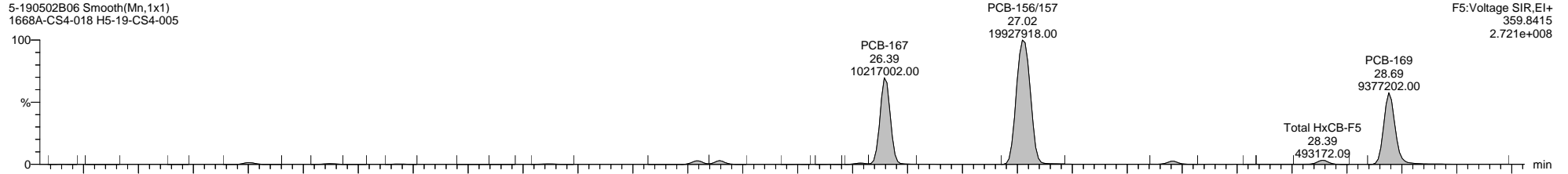
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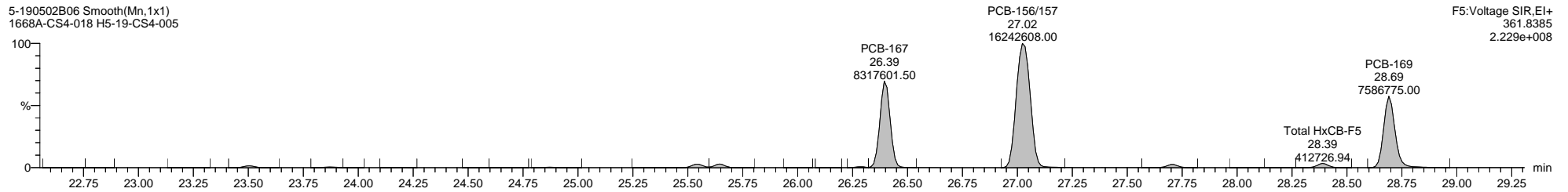
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1668A-CS4-018 H5-19-CS4-005



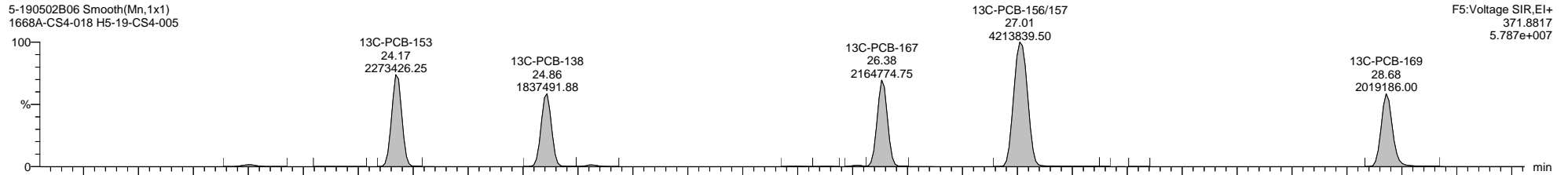
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5-190502B06 Smooth(Mn,1x1)  
1668A-CS4-018 H5-19-CS4-005



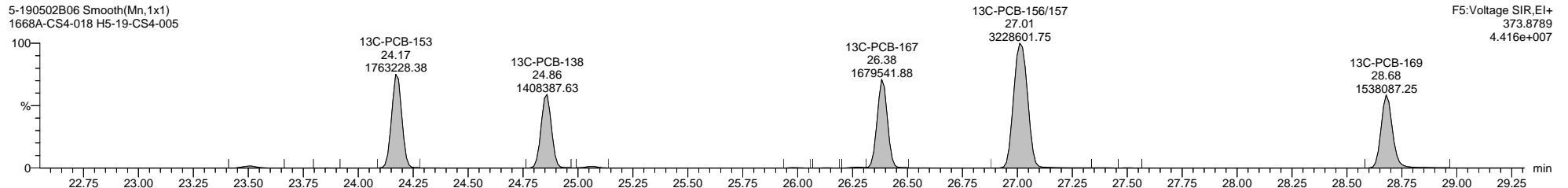
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1668A-CS4-018 H5-19-CS4-005



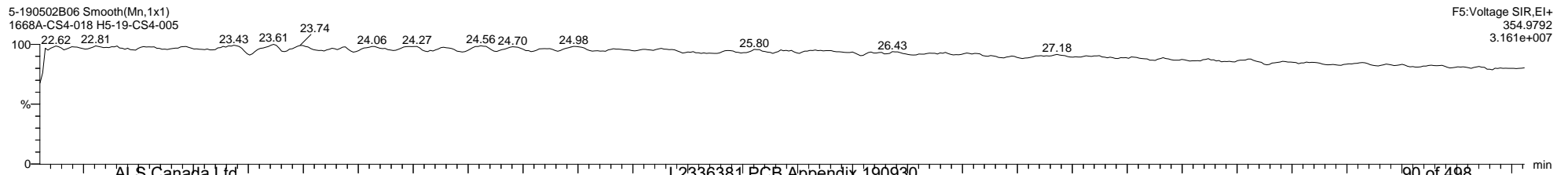
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1668A-CS4-018 H5-19-CS4-005



F5:Voltage SIR,EI+  
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1668A-CS4-018 H5-19-CS4-005



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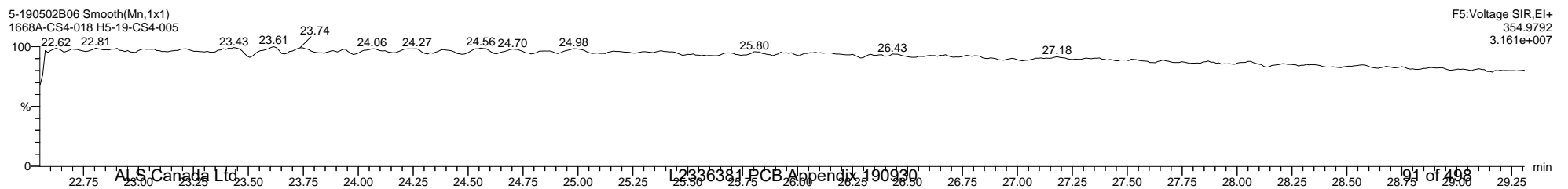
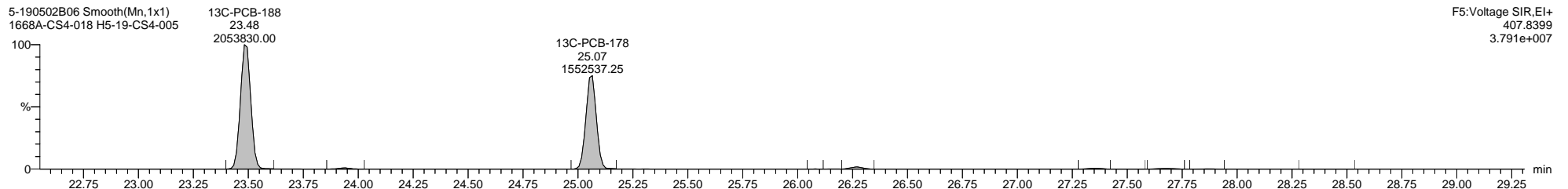
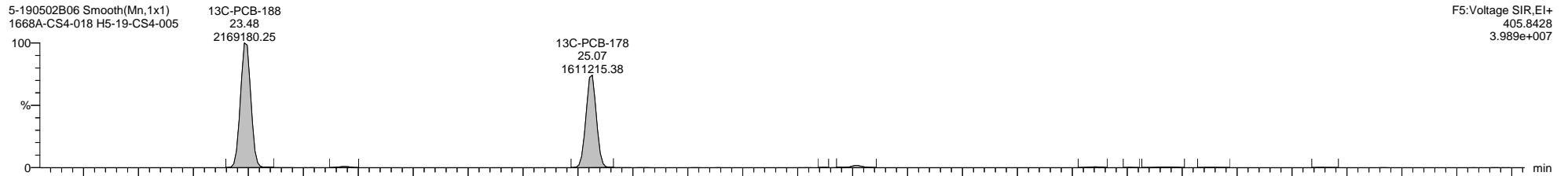
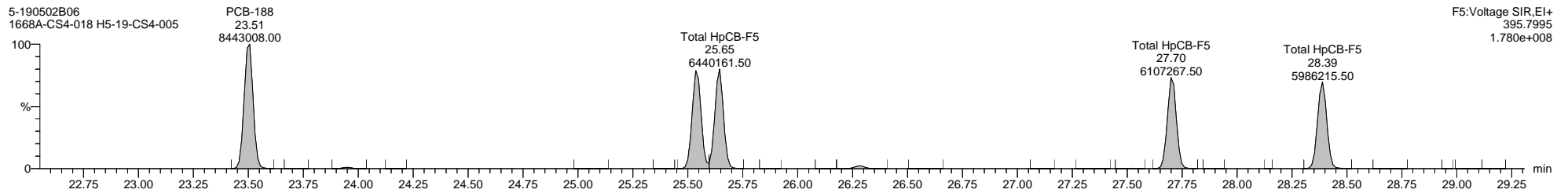
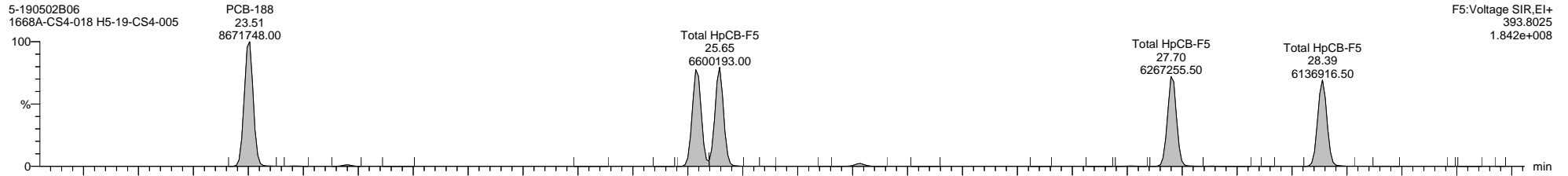
MassLynx MassLynx V4.1 SCN 901

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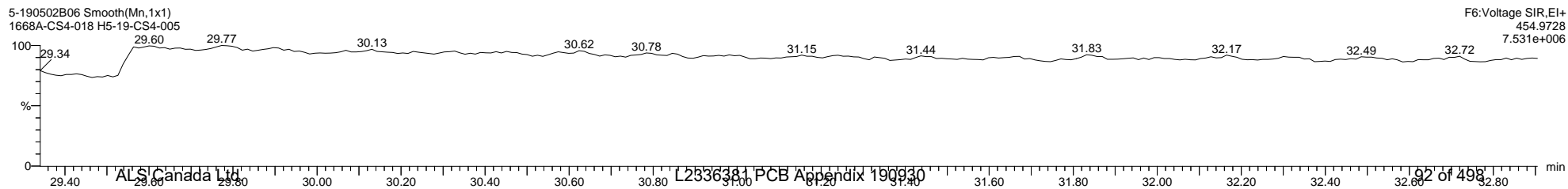
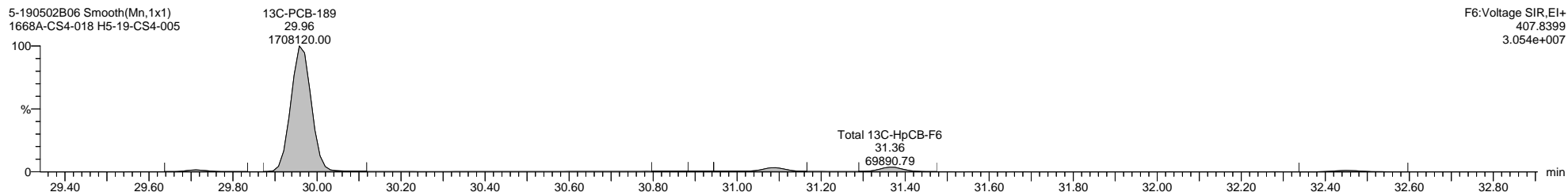
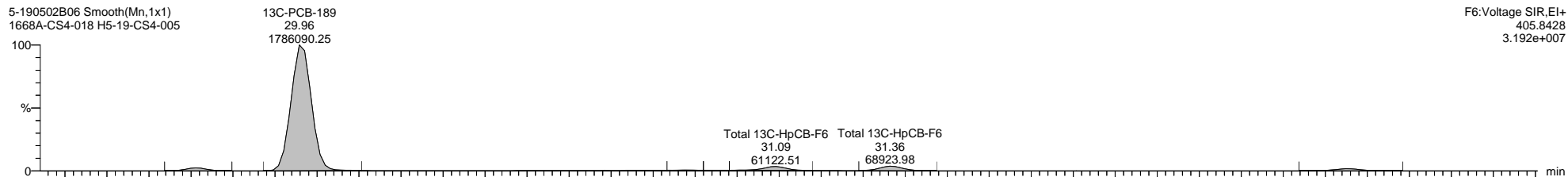
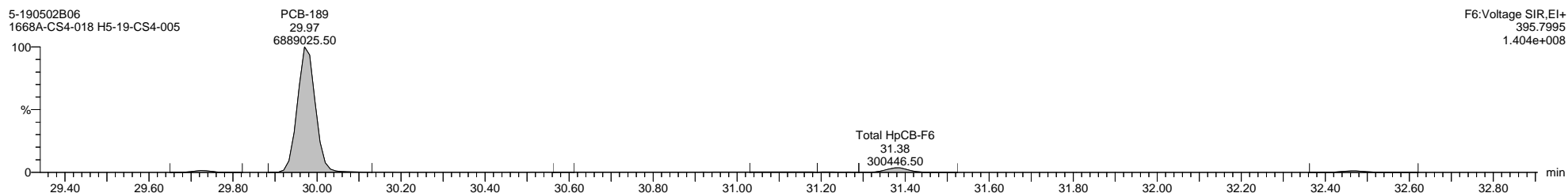
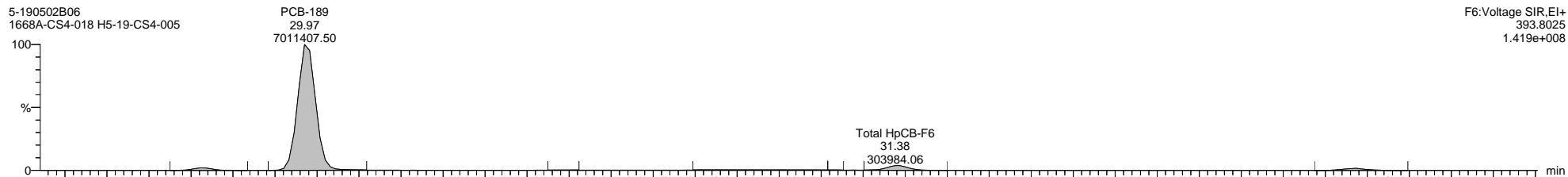
MassLynx MassLynx V4.1 SCN 901

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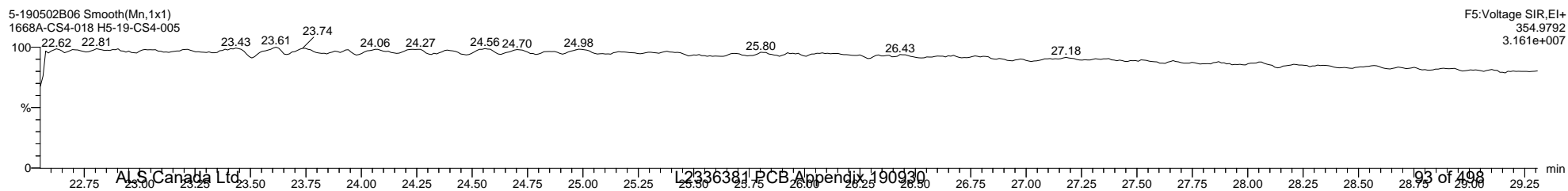
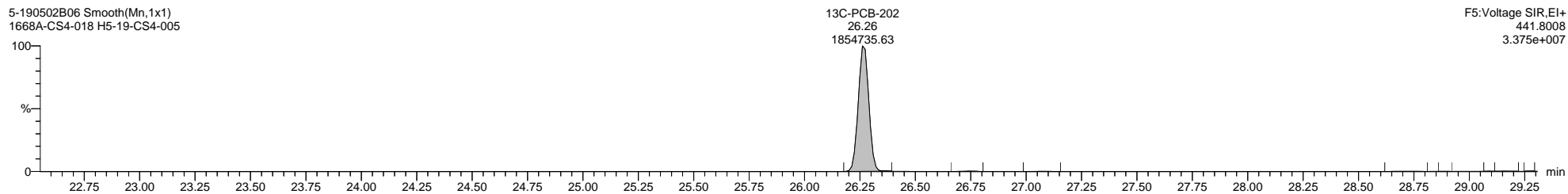
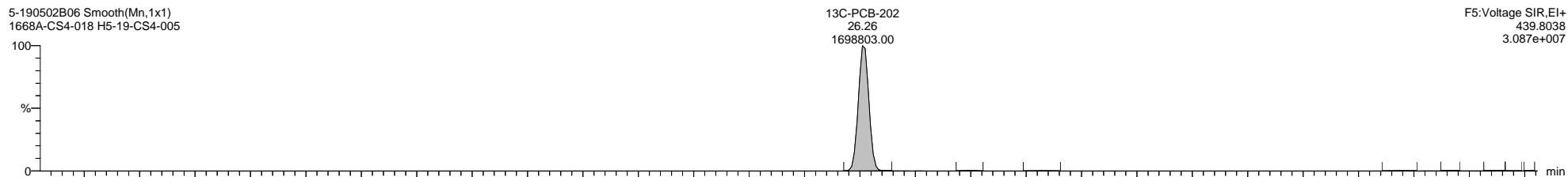
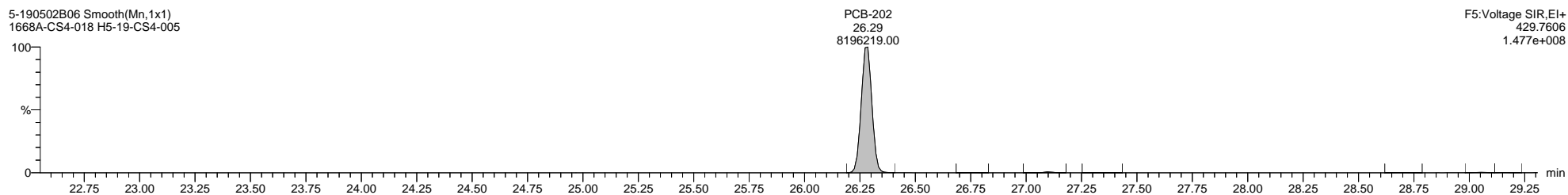
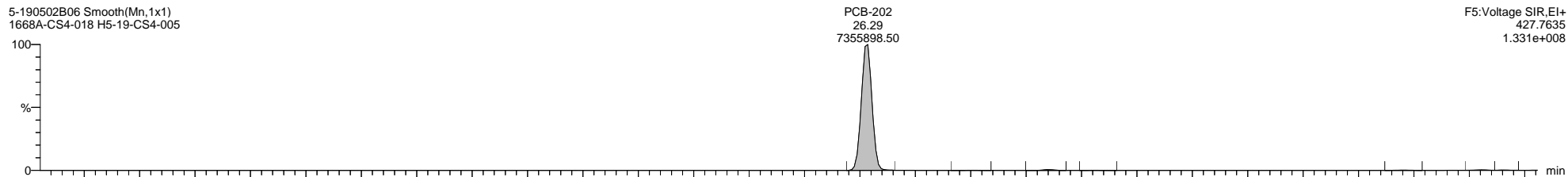


Quantify Sample Template Report MassLynx MassLynx V4.1 SCN 901

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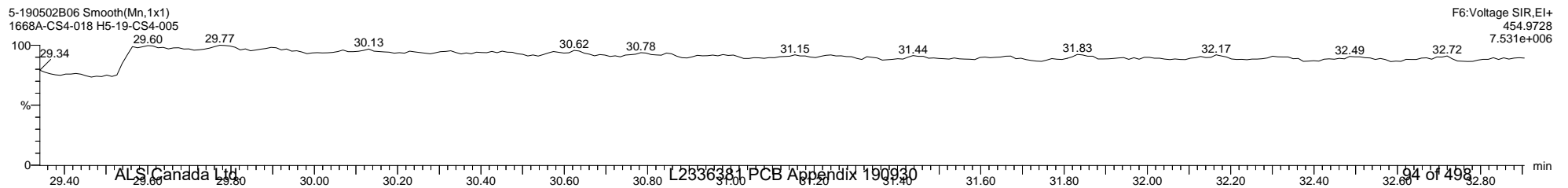
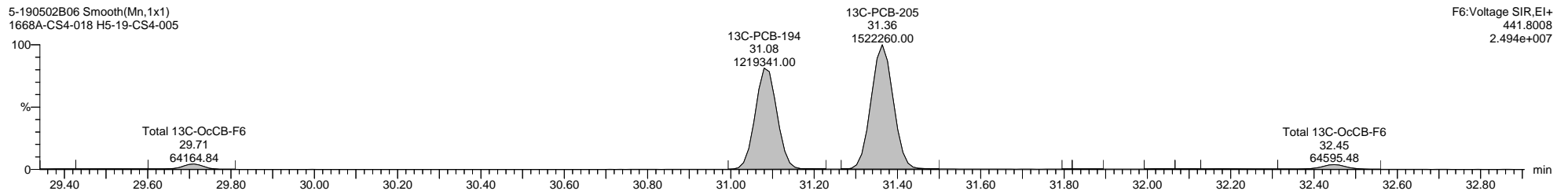
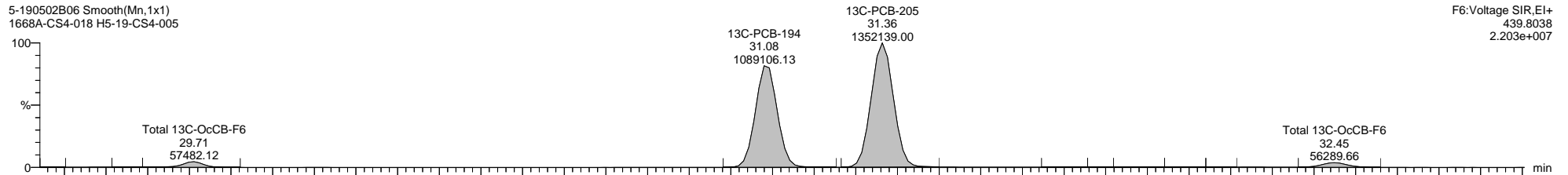
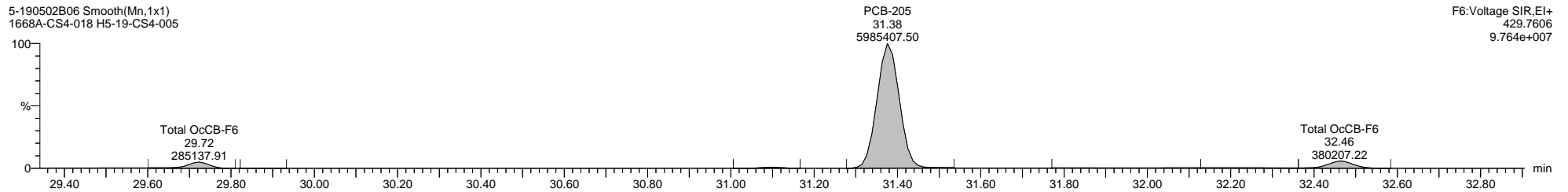
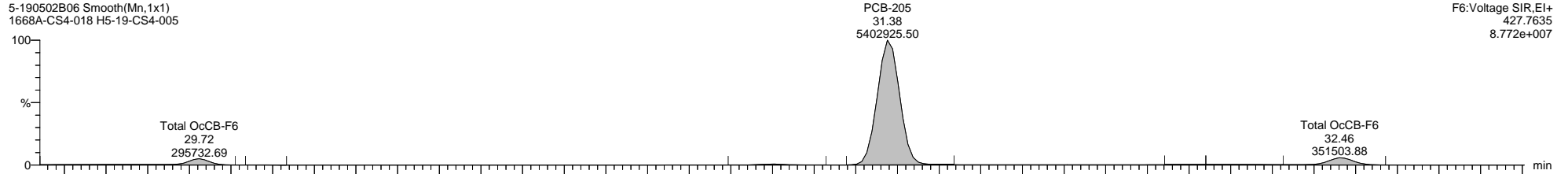


**Quantify Sample Template Report**      **MassLynx MassLynx V4.1 SCN 901**

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Quantify Sample Template Report

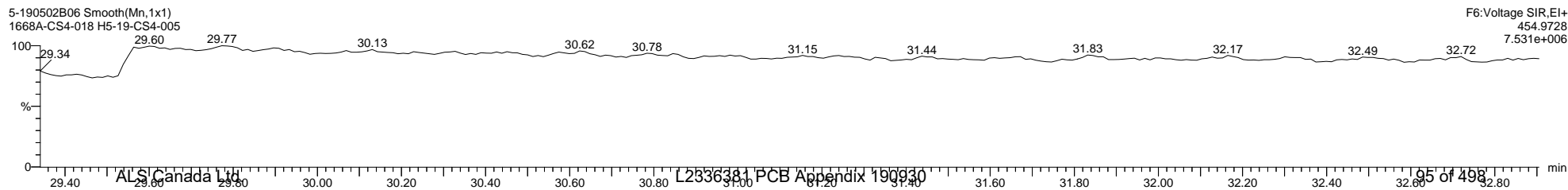
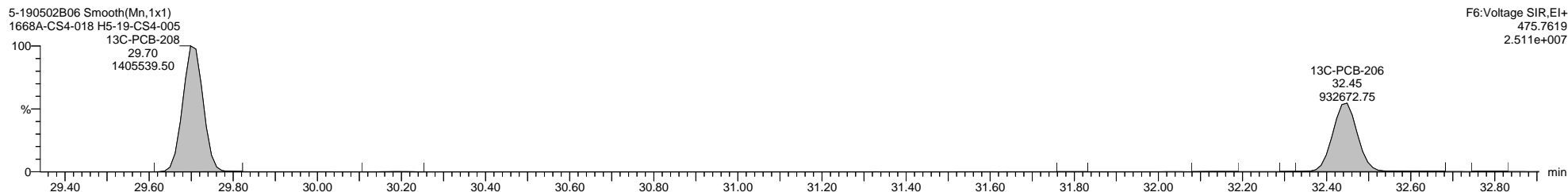
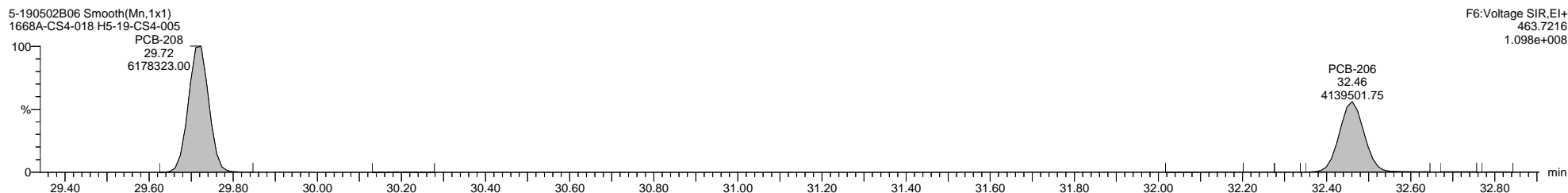
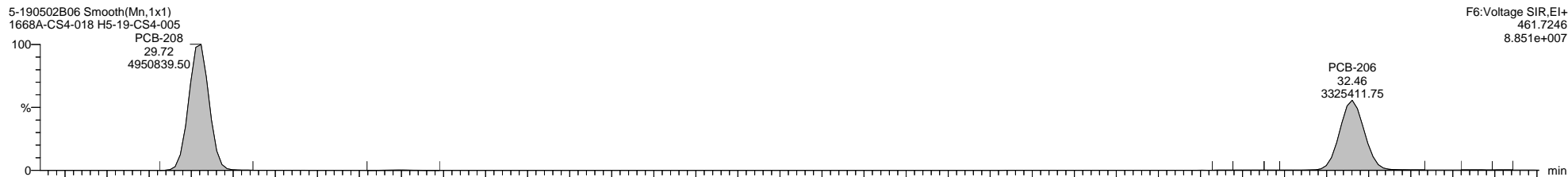
MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B06, Date: 02-May-2019, Time: 15:38:16, ID: H5-19-CS4-005, Description: 1668A-CS4-018, Vial: Tray1:44



Quantify Sample Template Report

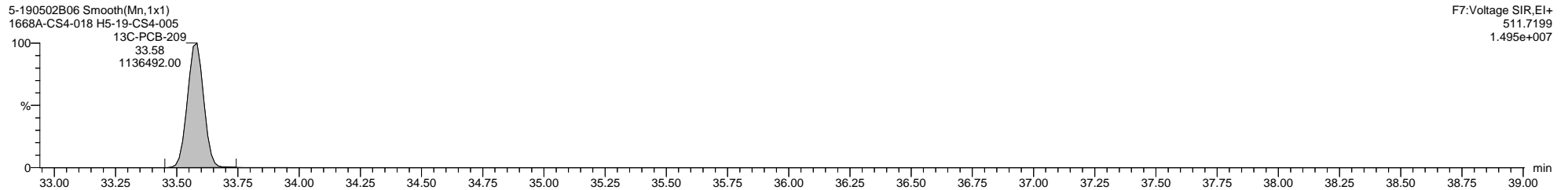
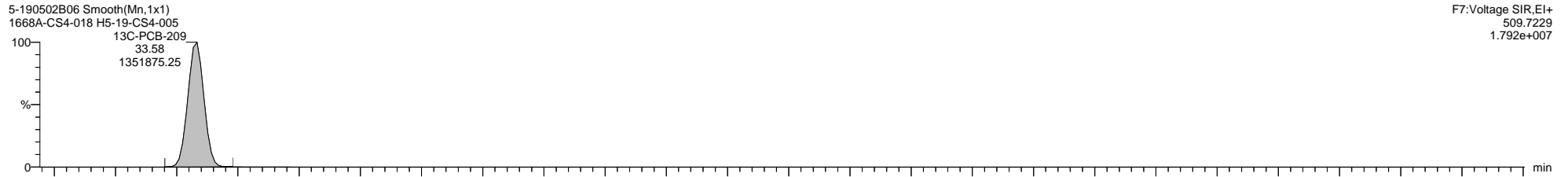
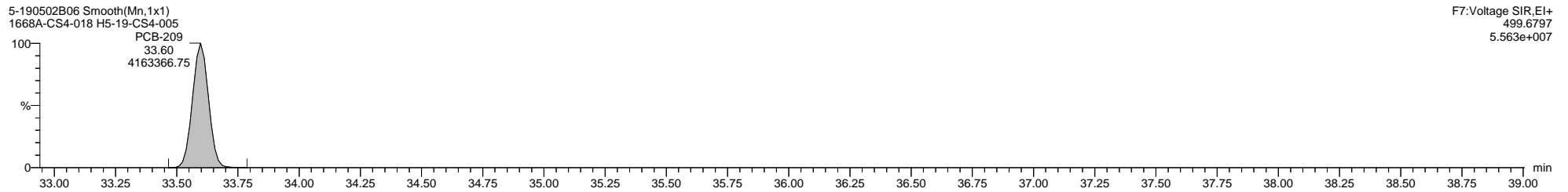
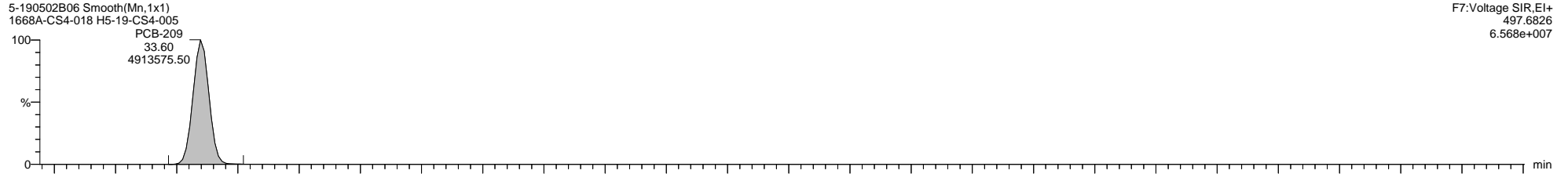
MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B06, Date: 02-May-2019, Time: 15:38:16, ID: H5-19-CS4-005, Description: 1668A-CS4-018, Vial: Tray1:44





Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

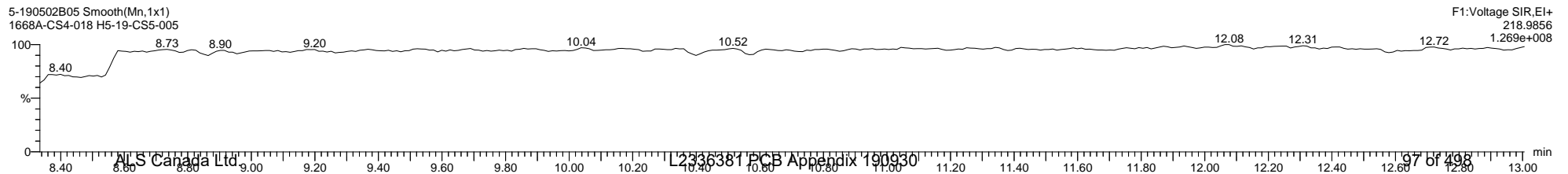
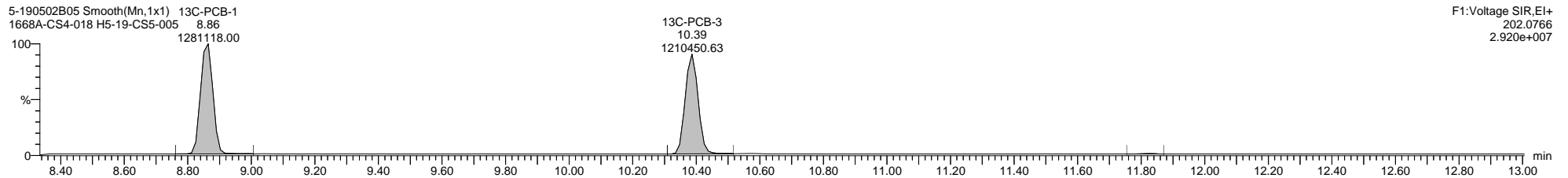
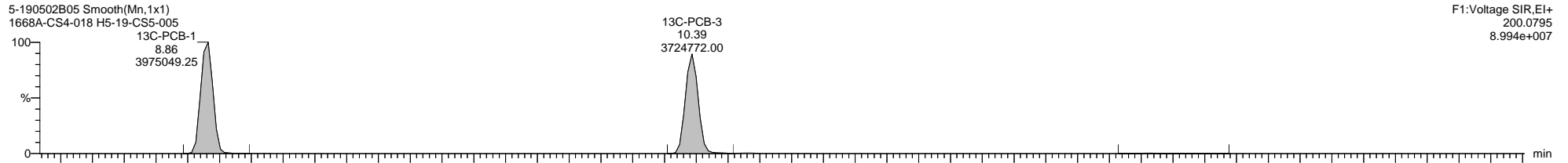
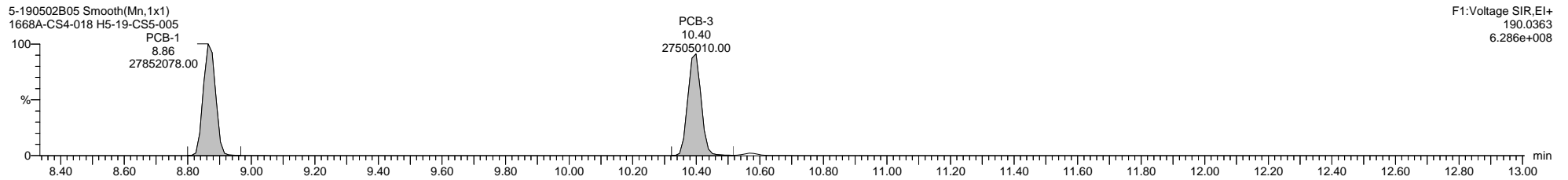
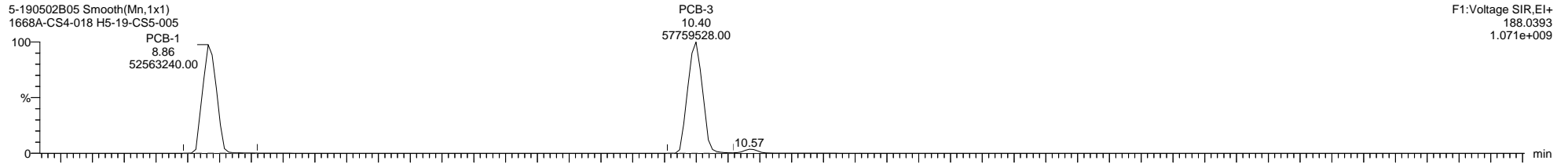
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Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

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Calibration: C:\MassLynx\PCB.PRO\CurveDB\5-190502B-ICAL.cdb 03 May 2019 08:59:50

Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43



Quantify Sample Template Report

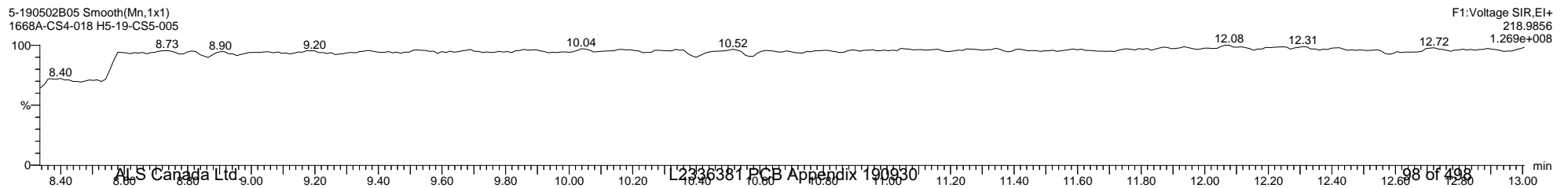
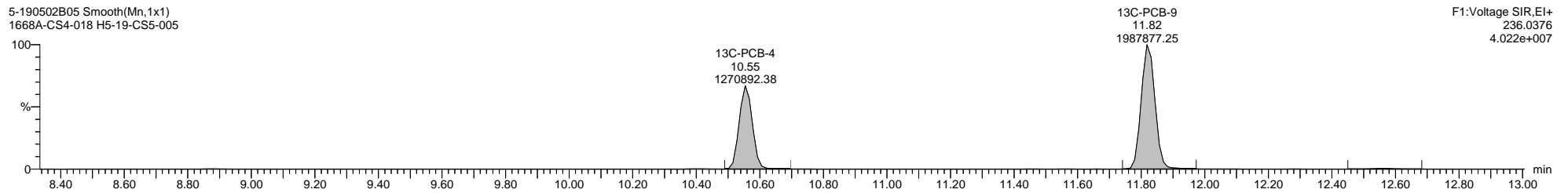
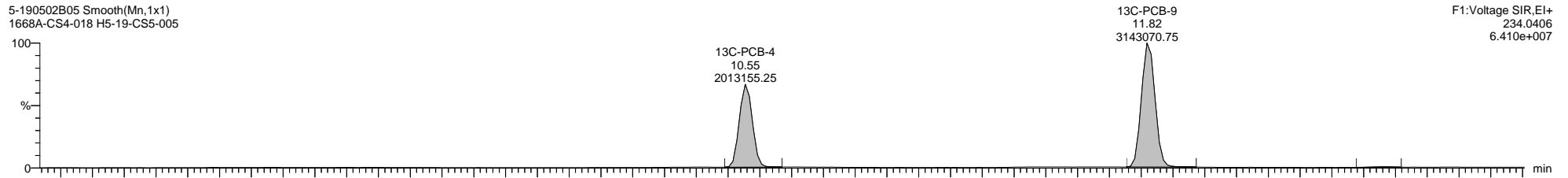
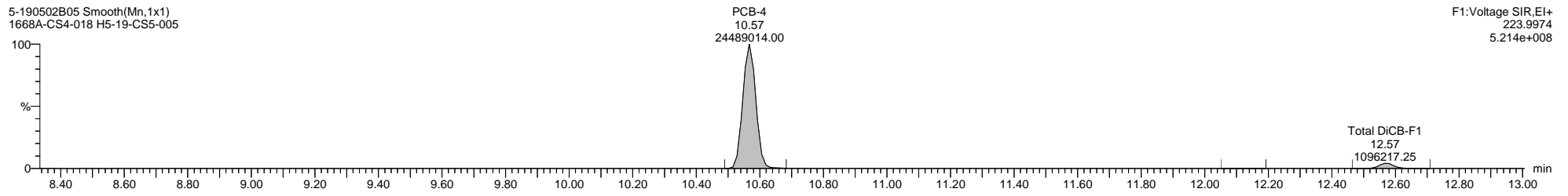
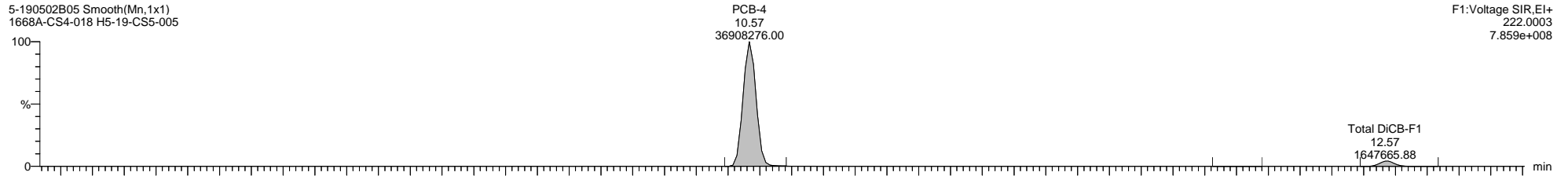
MassLynx MassLynx V4.1 SCN 901

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Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43



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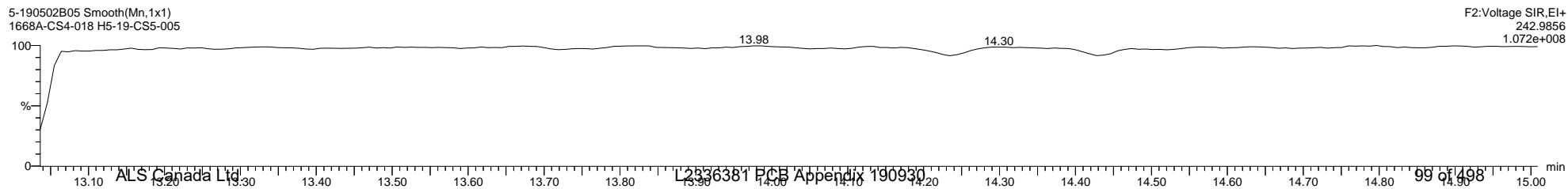
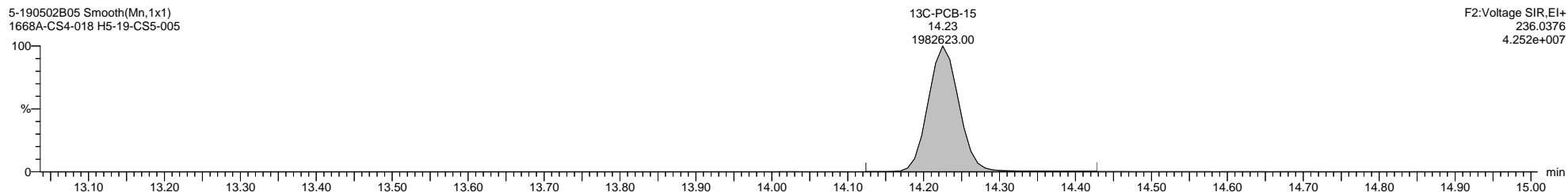
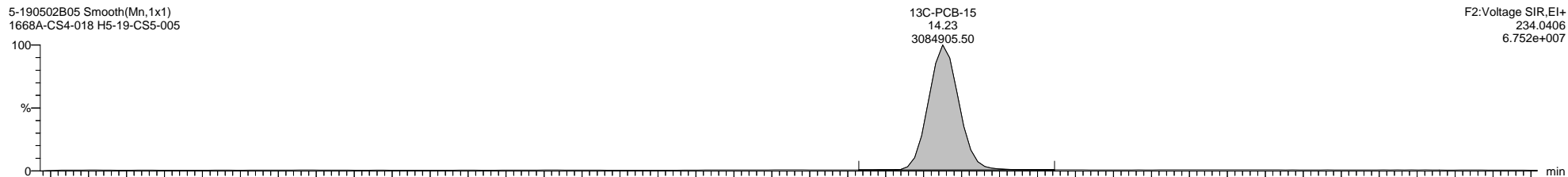
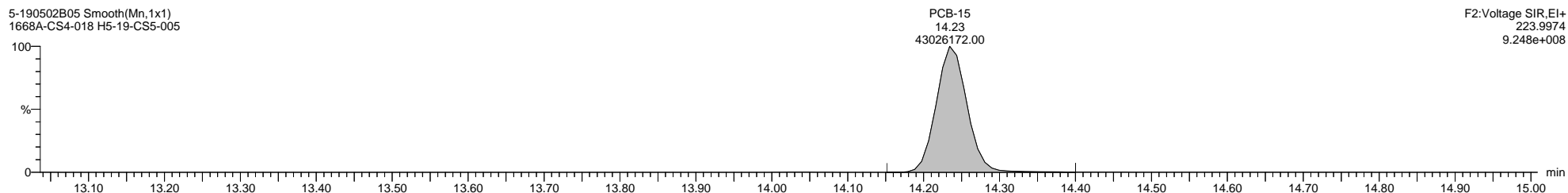
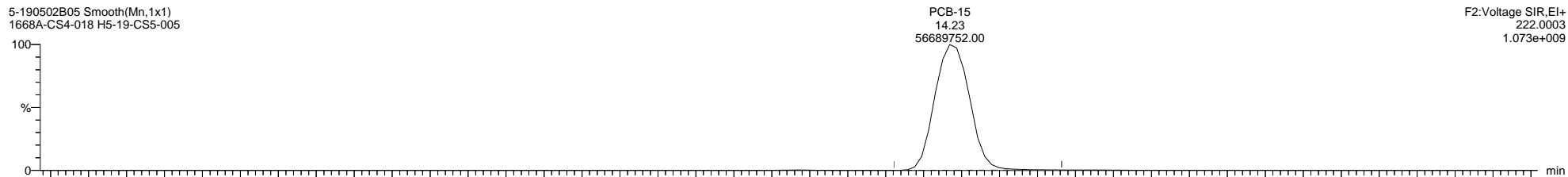
MassLynx MassLynx V4.1 SCN 901

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Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43



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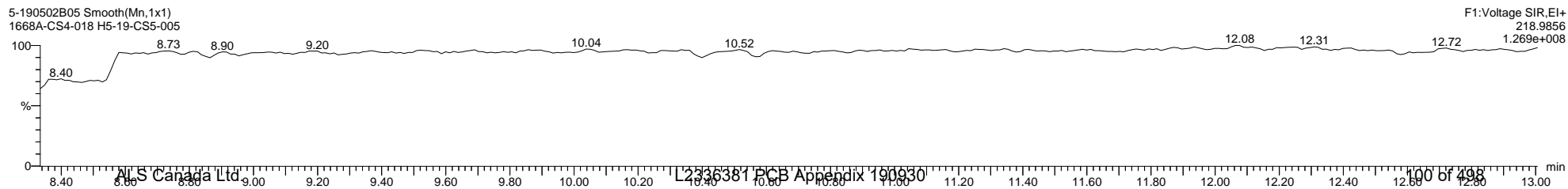
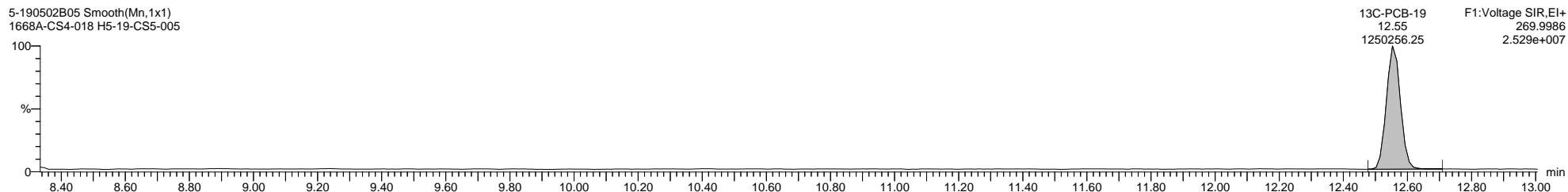
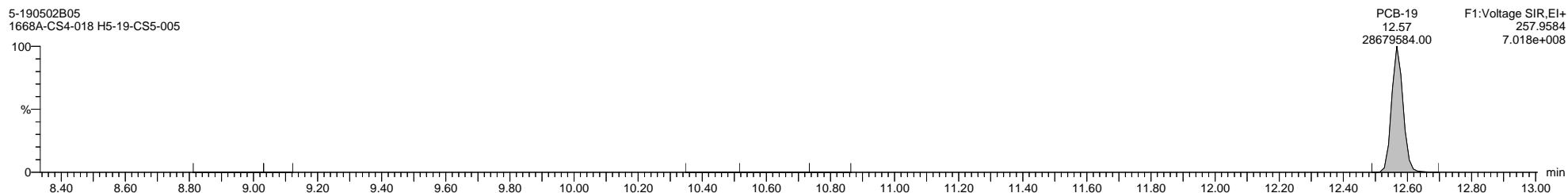
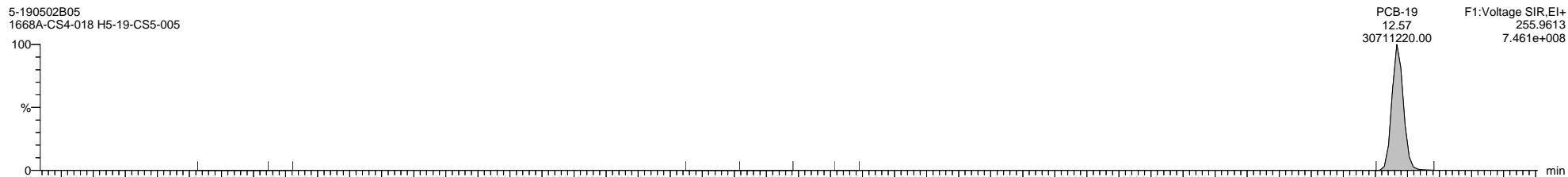
MassLynx MassLynx V4.1 SCN 901

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Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

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Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43



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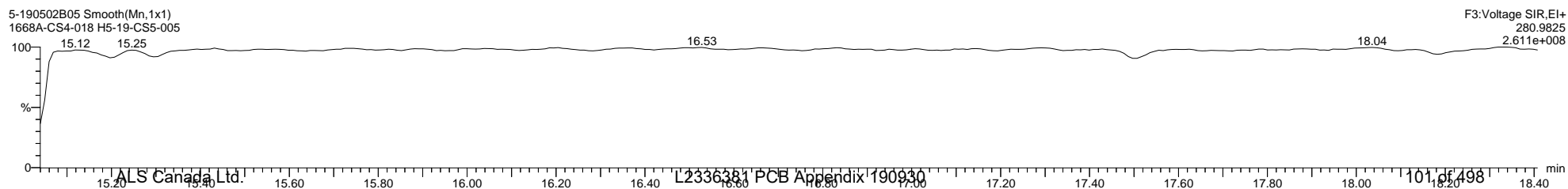
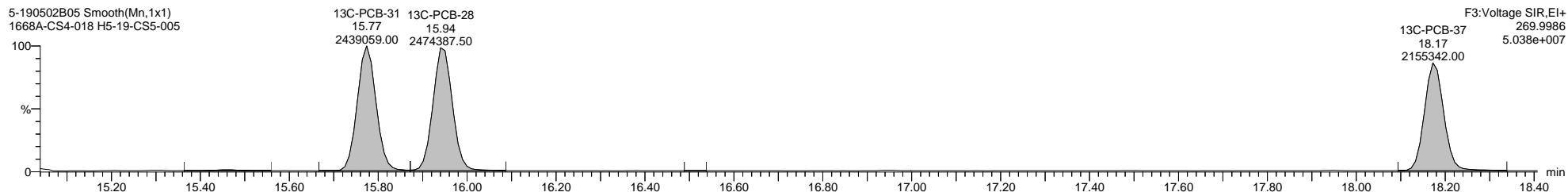
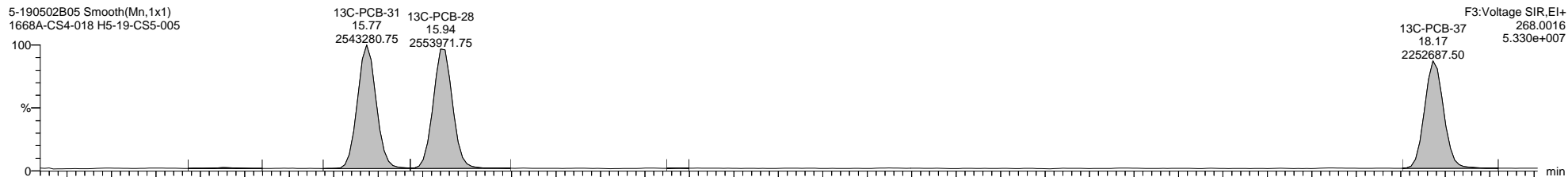
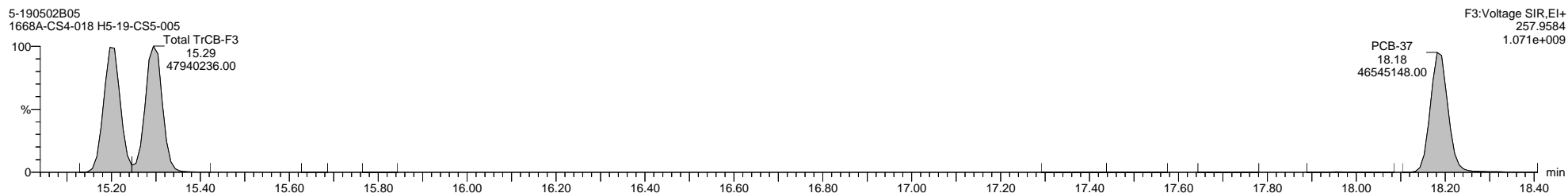
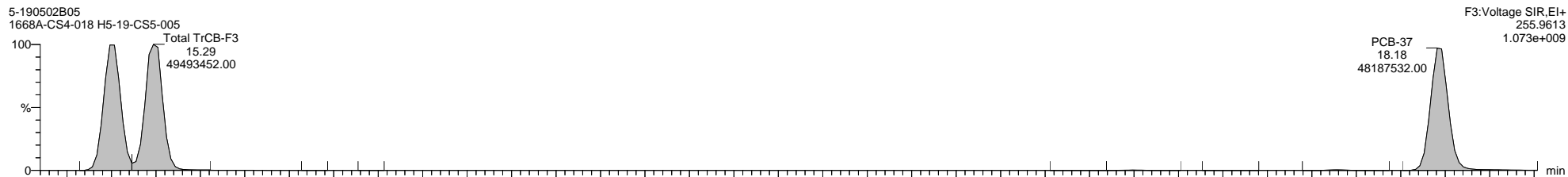
MassLynx MassLynx V4.1 SCN 901

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Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

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Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43



Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

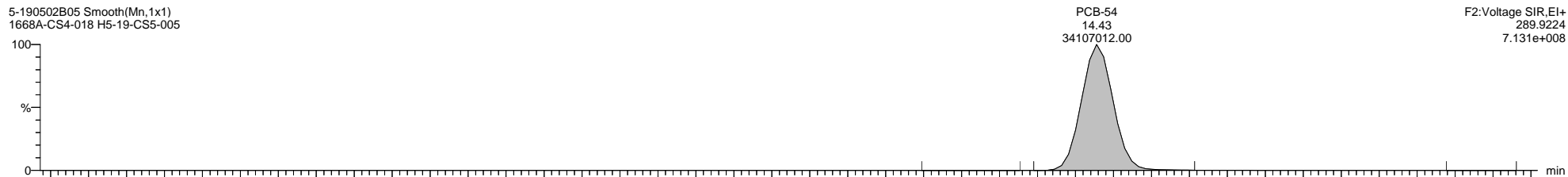
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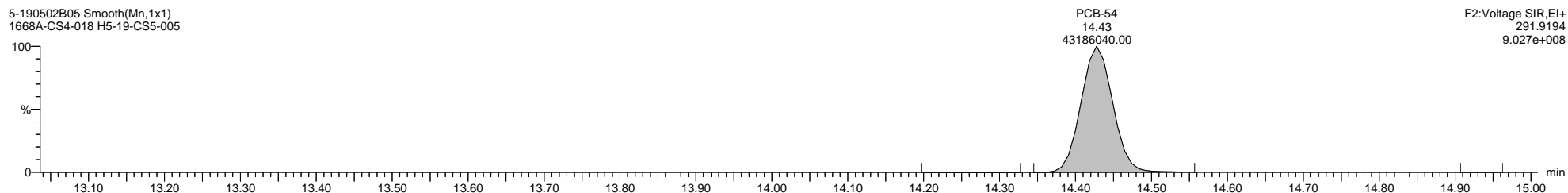
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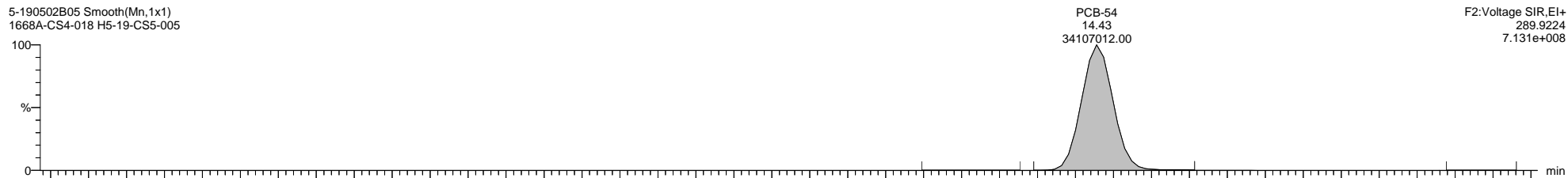
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1668A-CS4-018 H5-19-CS5-005



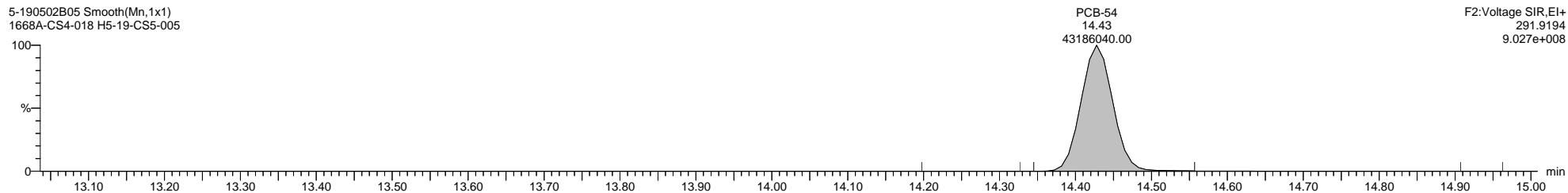
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1668A-CS4-018 H5-19-CS5-005



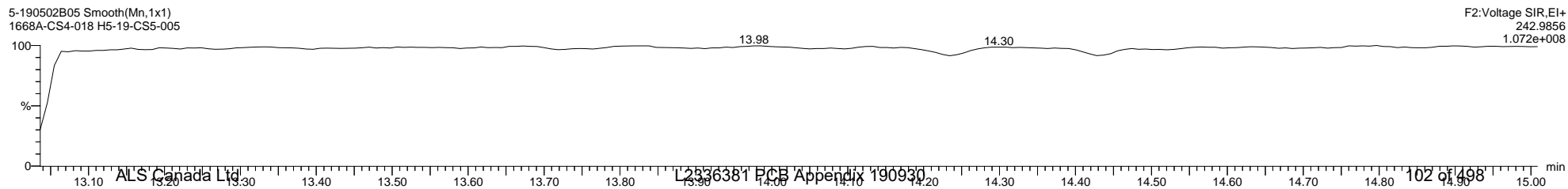
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1668A-CS4-018 H5-19-CS5-005



5-190502B05 Smooth(Mn,1x1)  
1668A-CS4-018 H5-19-CS5-005



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1668A-CS4-018 H5-19-CS5-005

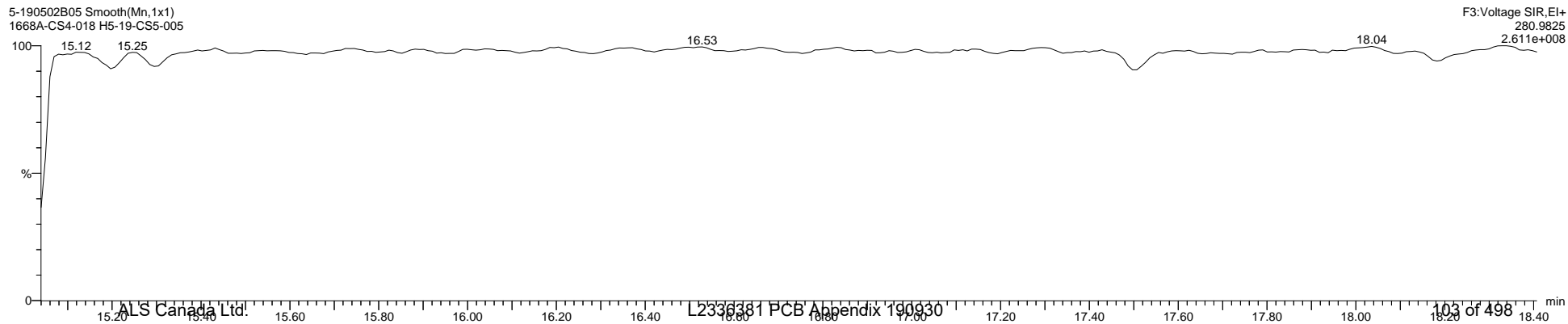
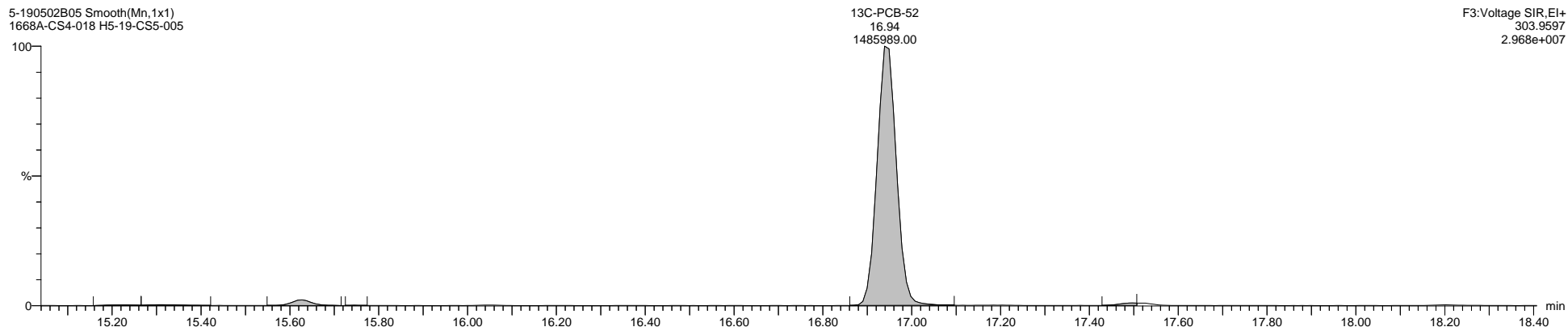
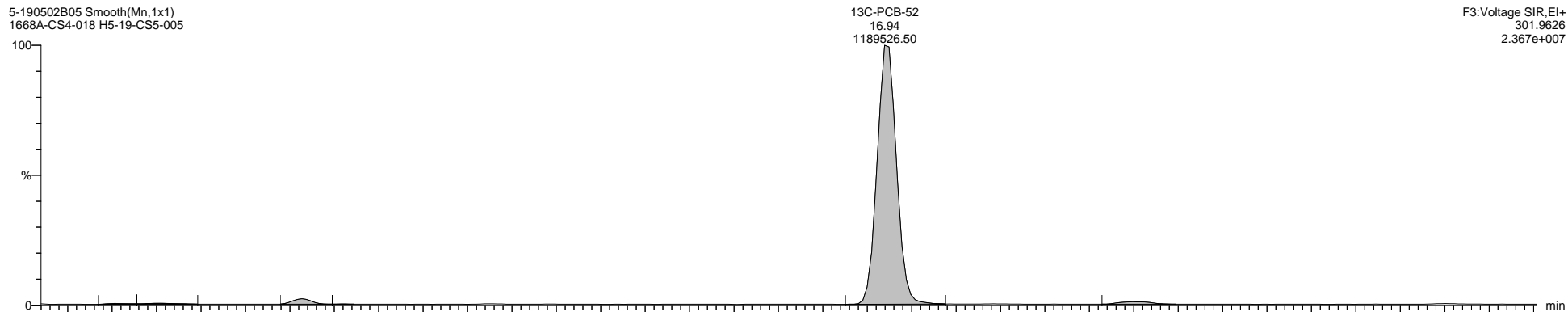


Quantify Sample Template Report MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

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Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43



Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

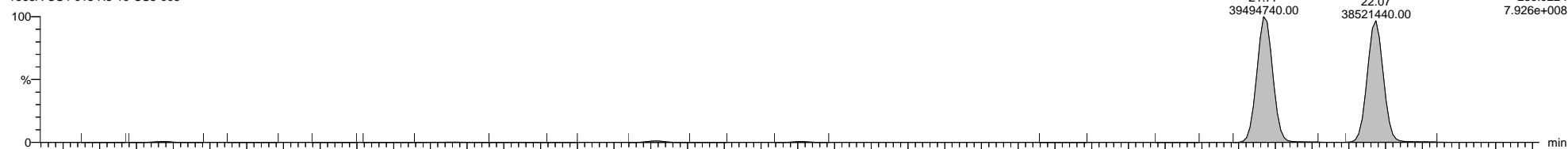
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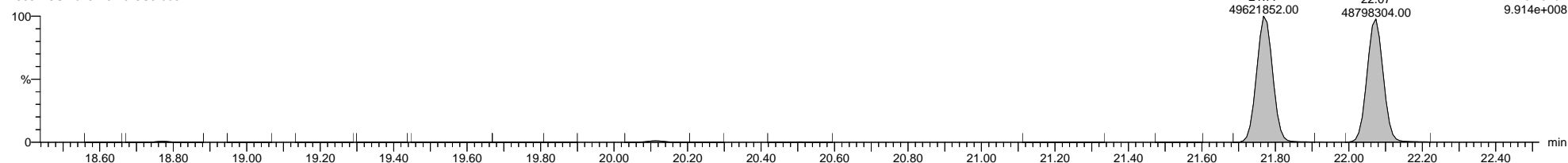
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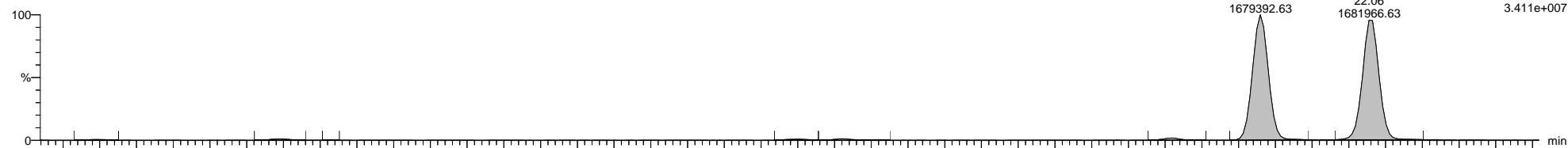
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1668A-CS4-018 H5-19-CS5-005



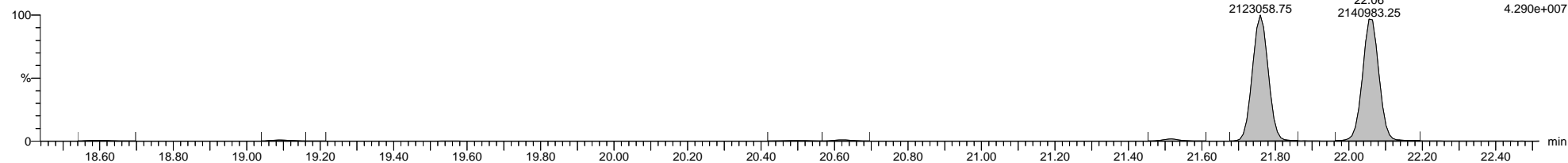
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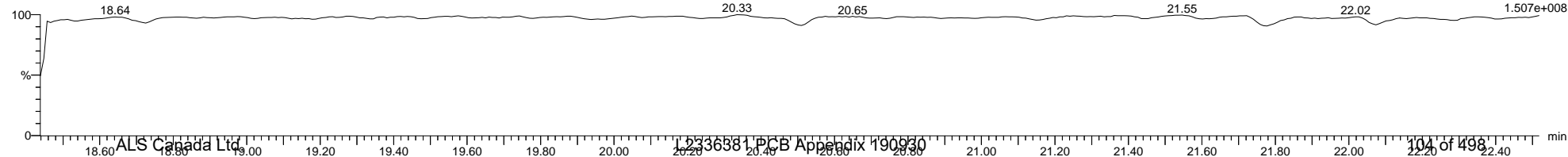
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Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

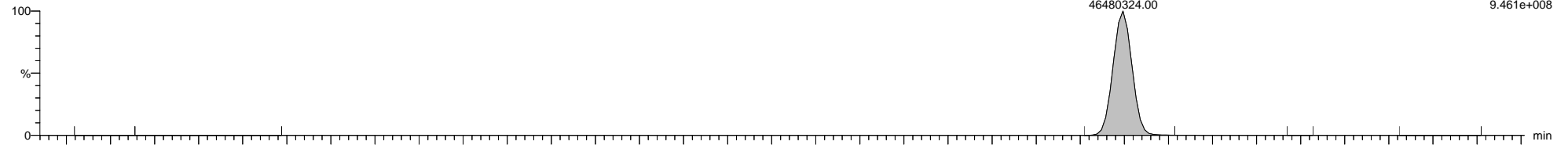
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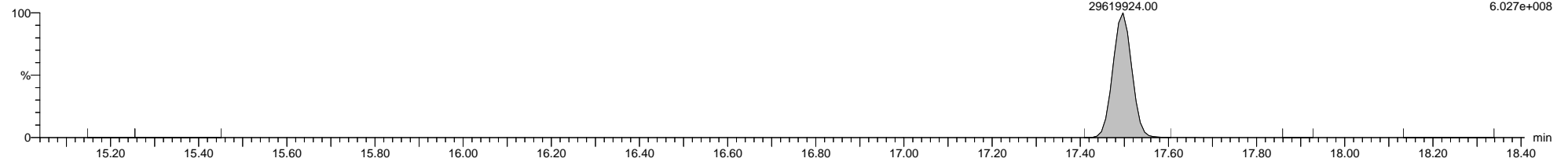
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1668A-CS4-018 H5-19-CS5-005



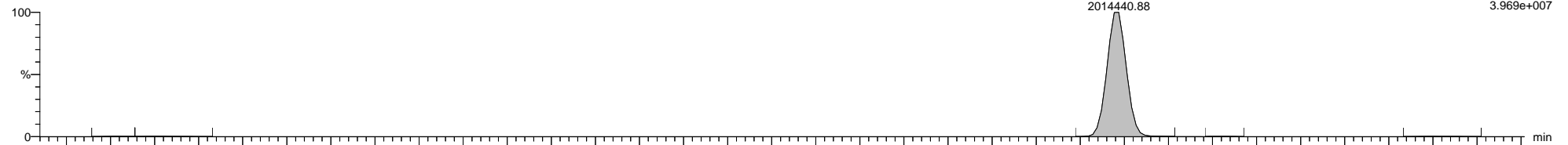
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1668A-CS4-018 H5-19-CS5-005



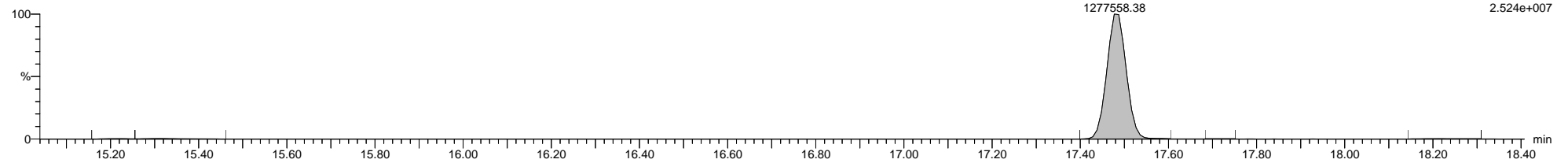
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1668A-CS4-018 H5-19-CS5-005



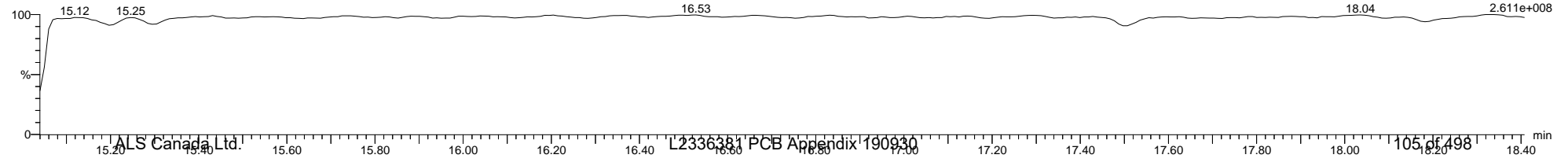
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3.969e+007

5-190502B05 Smooth(Mn,1x1)  
1668A-CS4-018 H5-19-CS5-005



F3:Voltage SIR,EI+  
339.918  
2.524e+007

5-190502B05 Smooth(Mn,1x1)  
1668A-CS4-018 H5-19-CS5-005



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Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

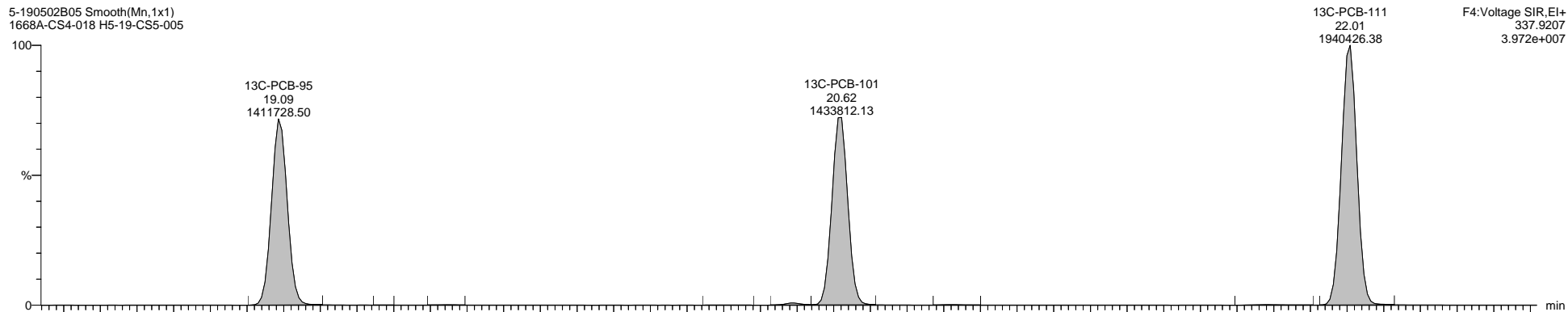
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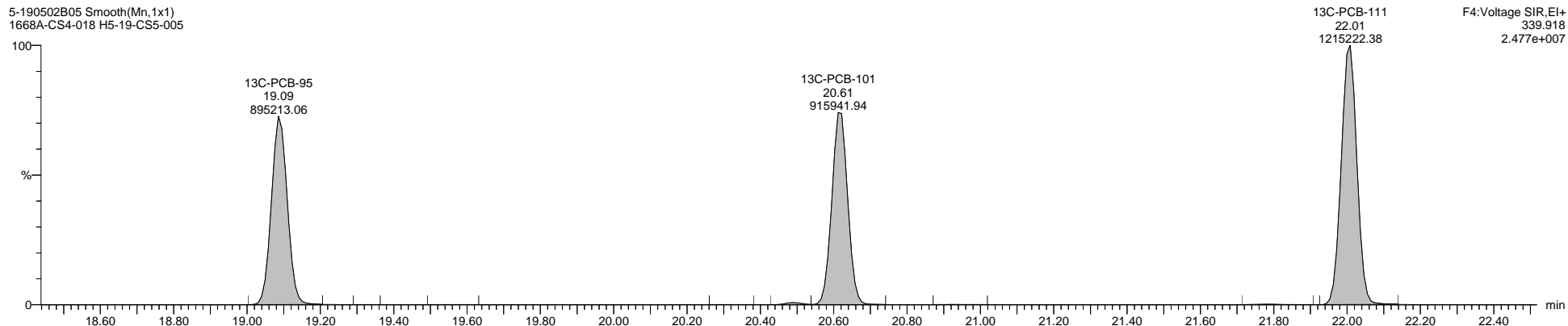
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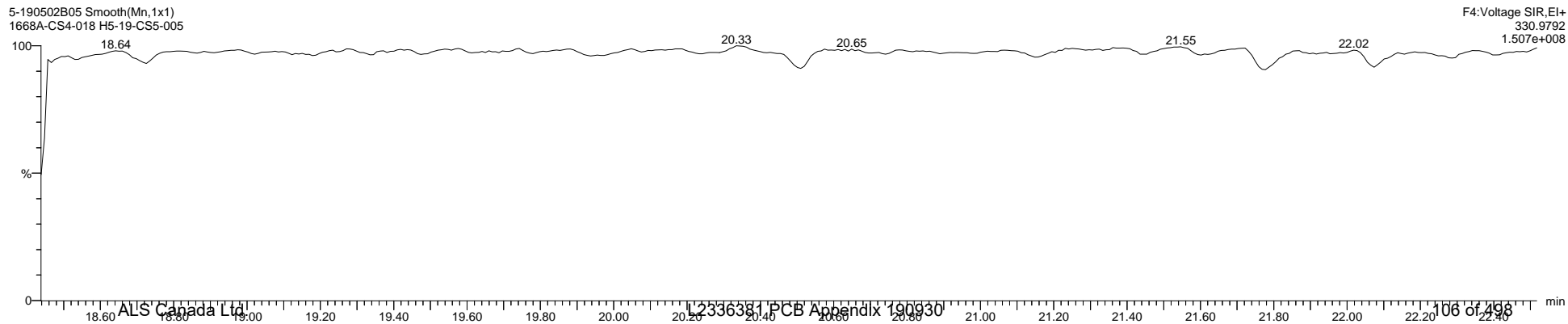
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1668A-CS4-018 H5-19-CS5-005



5-190502B05 Smooth(Mn,1x1)  
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5-190502B05 Smooth(Mn,1x1)  
1668A-CS4-018 H5-19-CS5-005



Quantify Sample Template Report

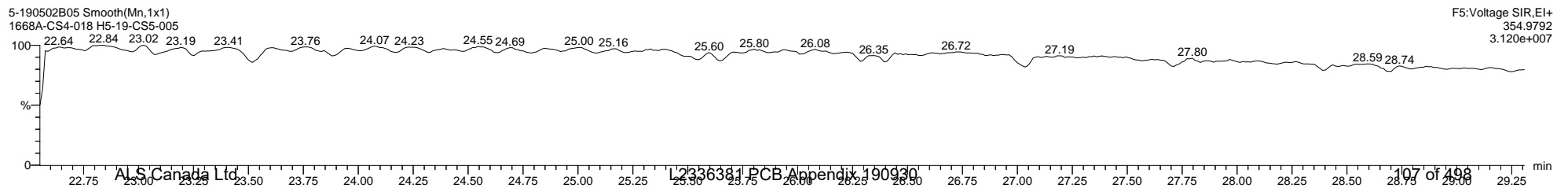
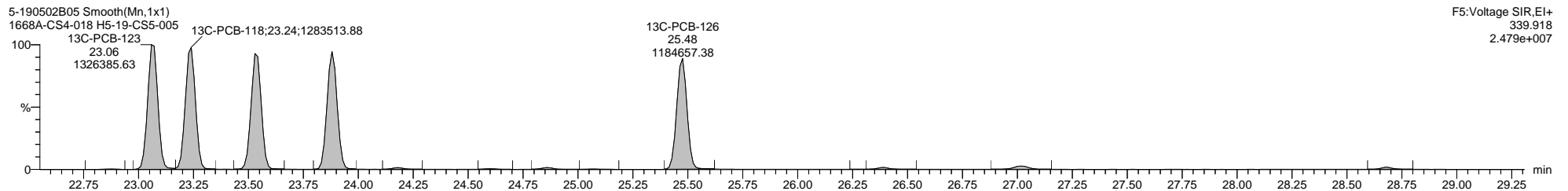
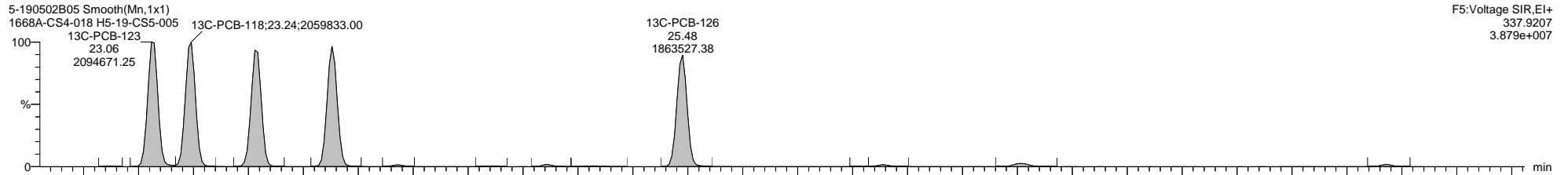
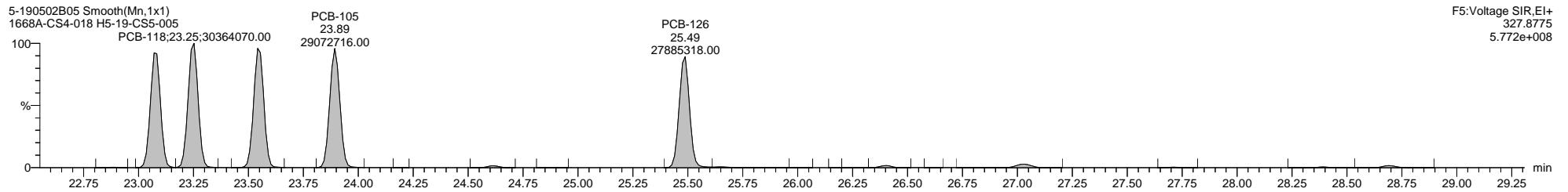
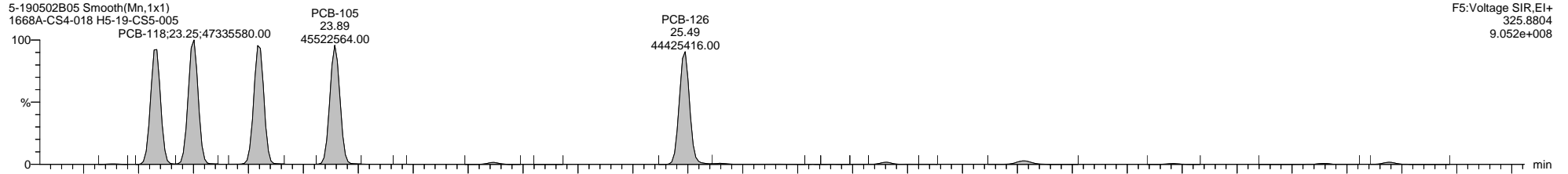
MassLynx MassLynx V4.1 SCN 901

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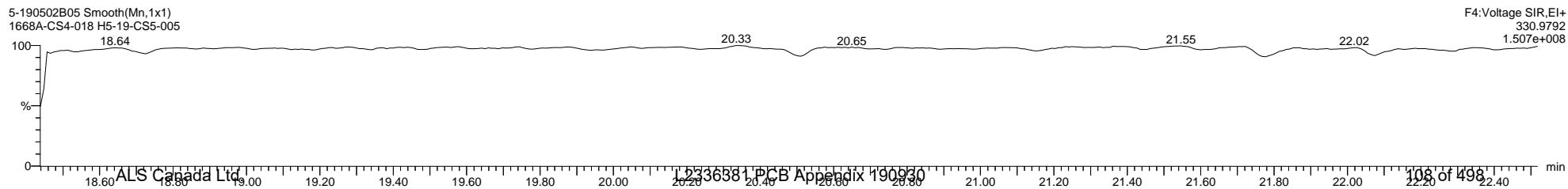
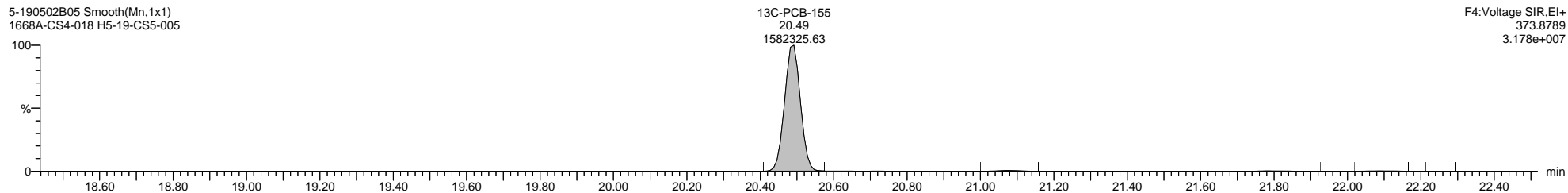
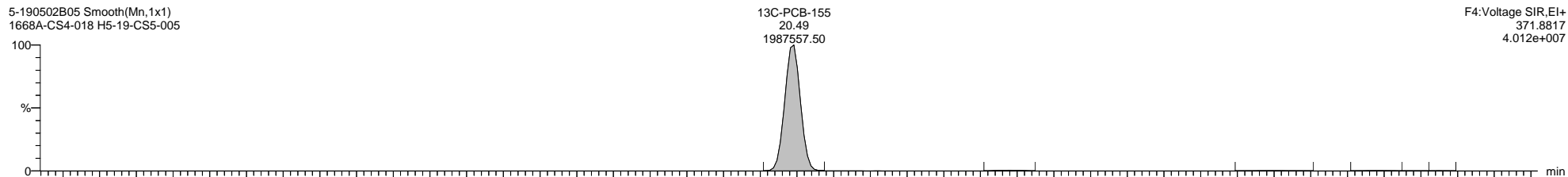
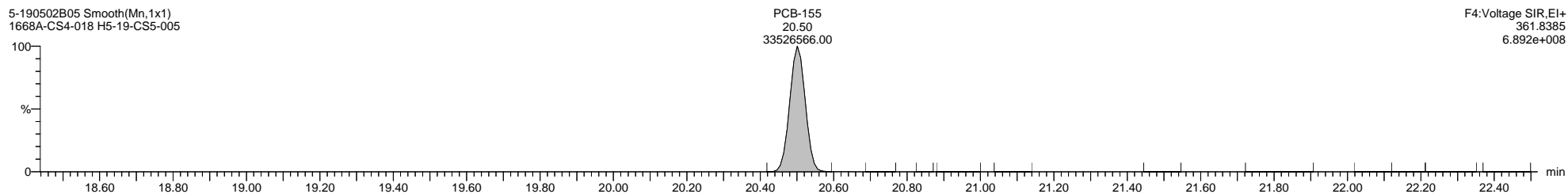
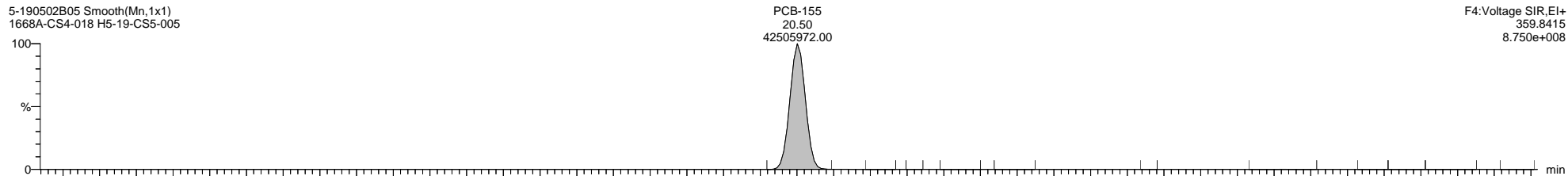


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Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43



Quantify Sample Template Report

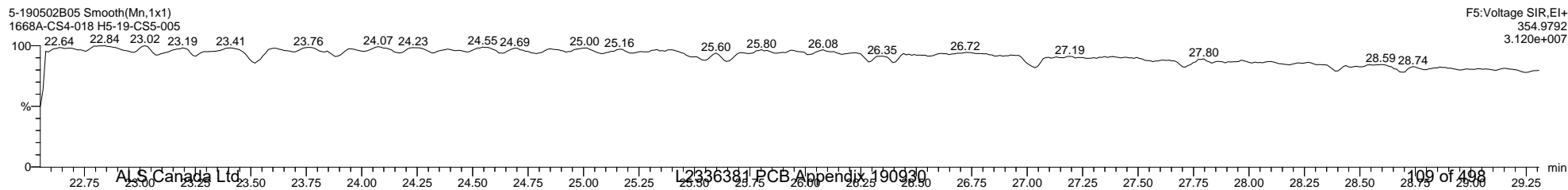
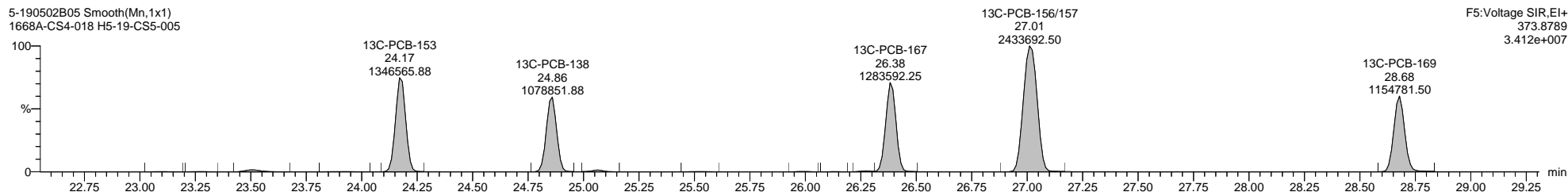
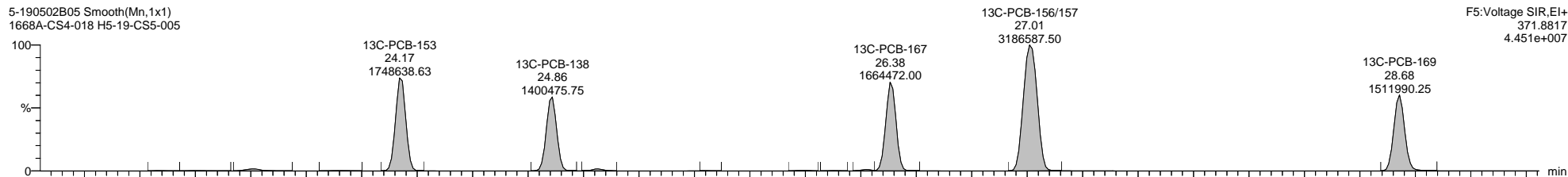
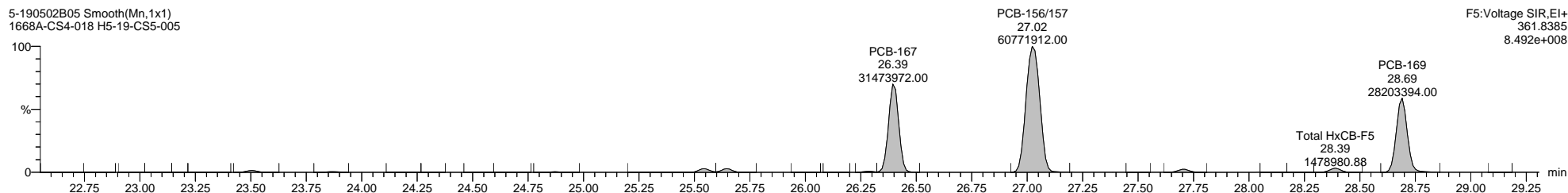
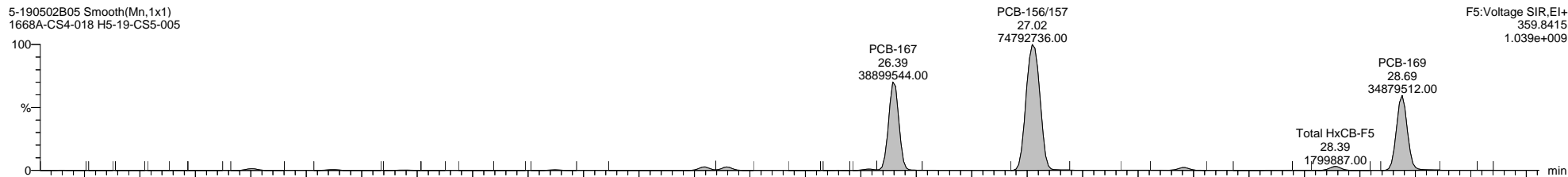
MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43



Quantify Sample Template Report

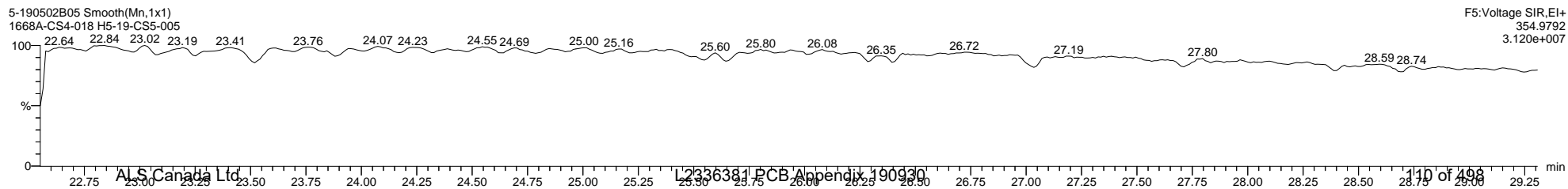
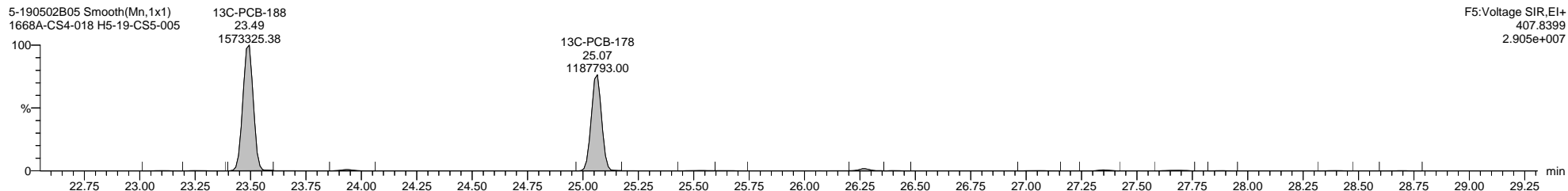
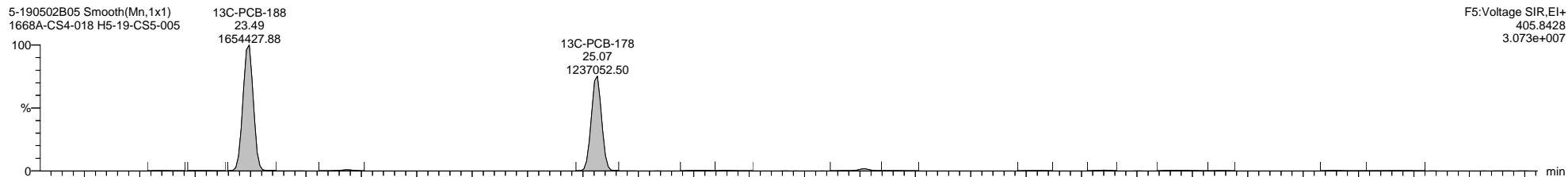
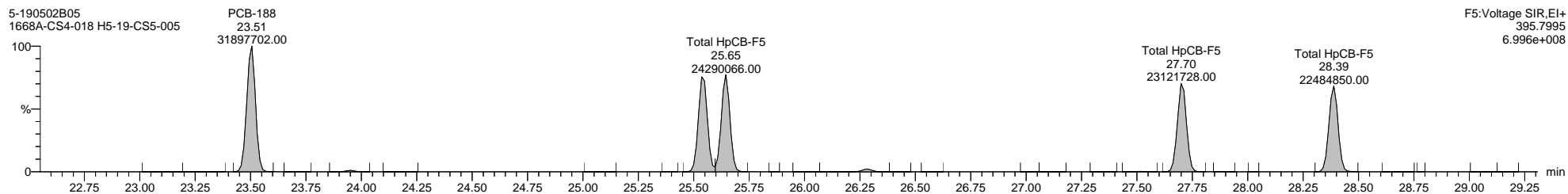
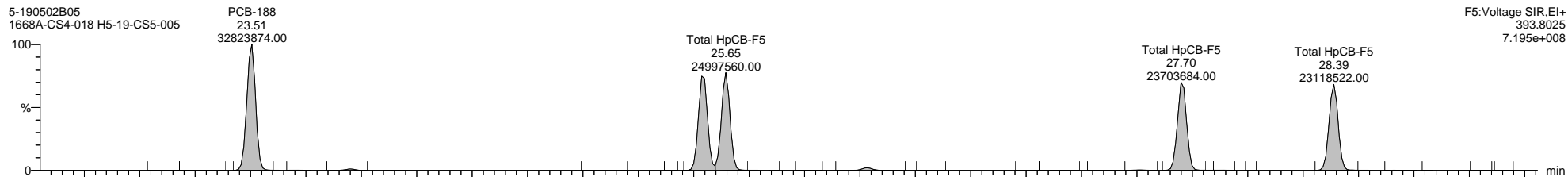
MassLynx MassLynx V4.1 SCN 901

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Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

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Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43



Quantify Sample Template Report

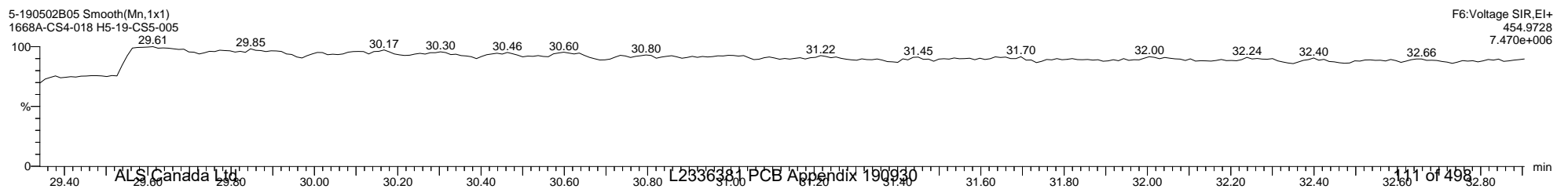
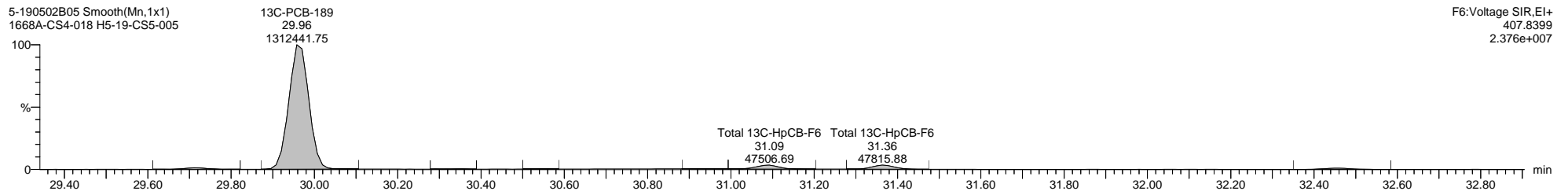
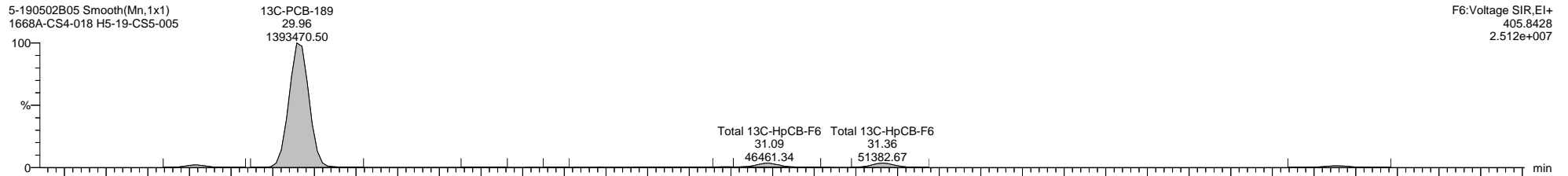
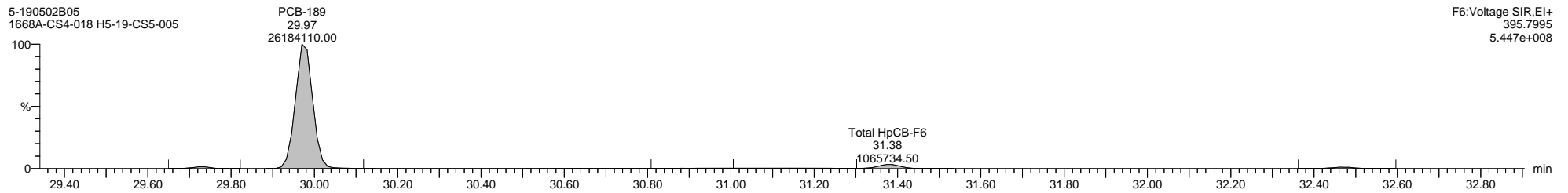
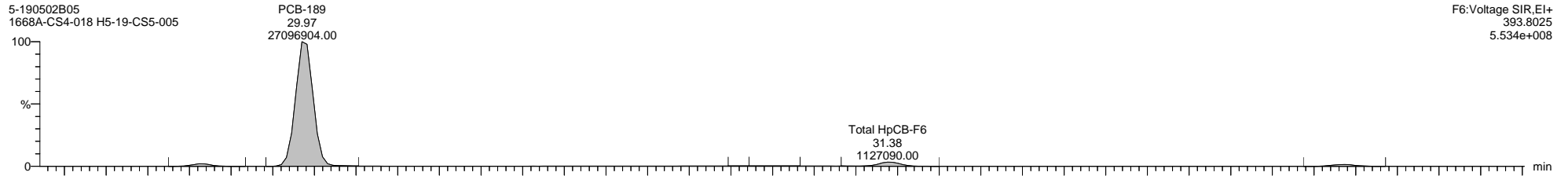
MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43



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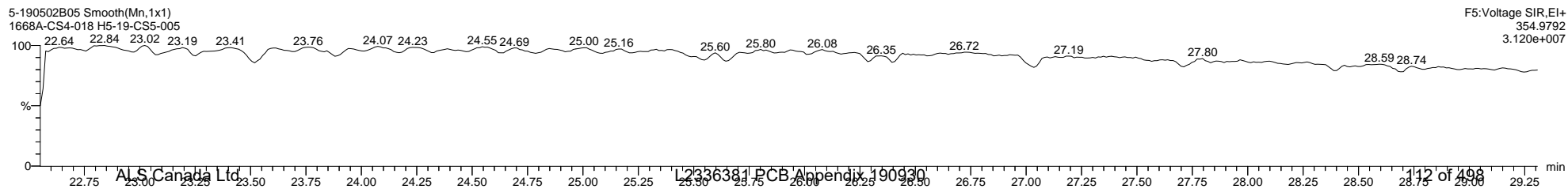
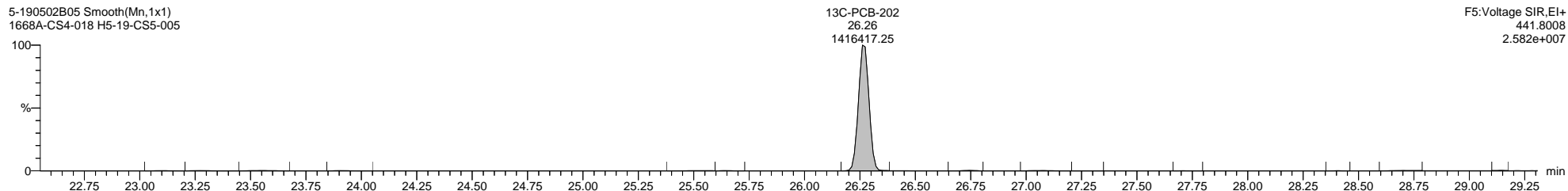
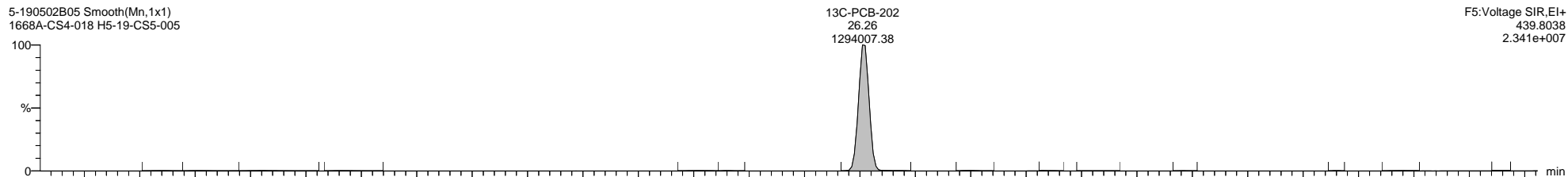
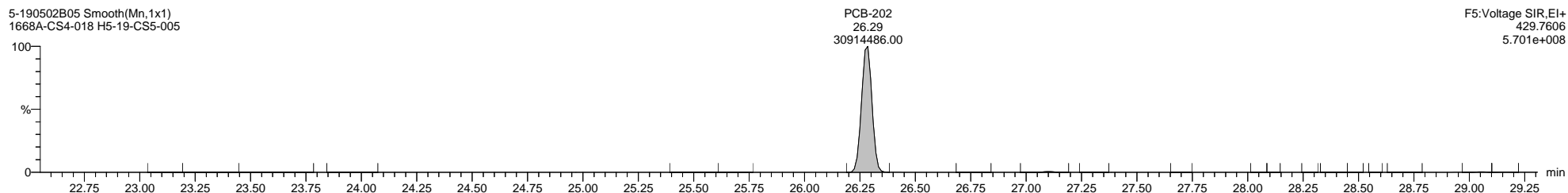
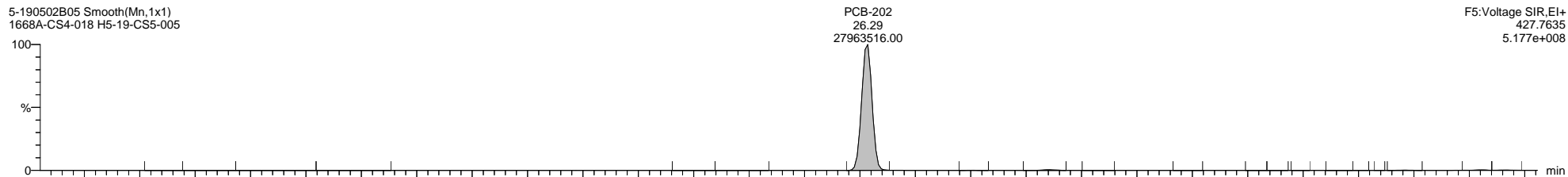
MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

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Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43





Quantify Sample Template Report

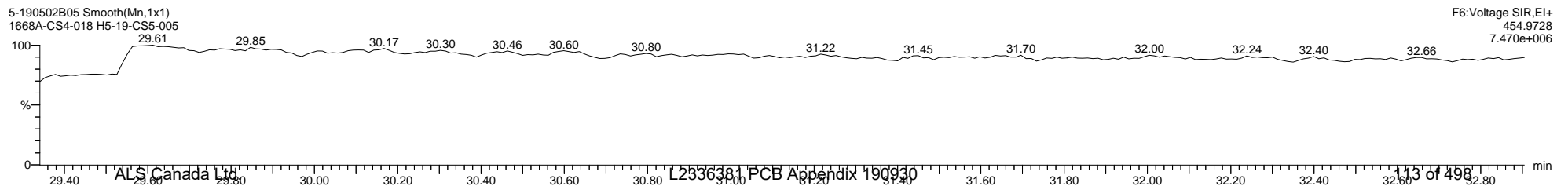
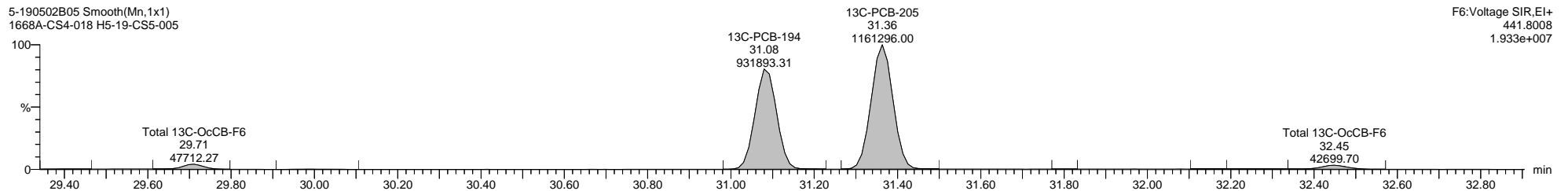
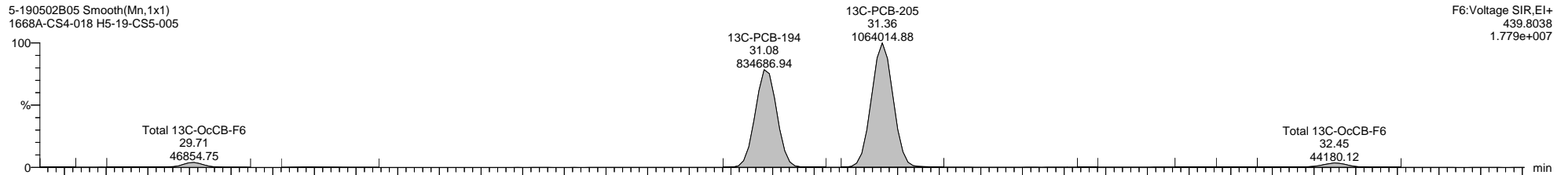
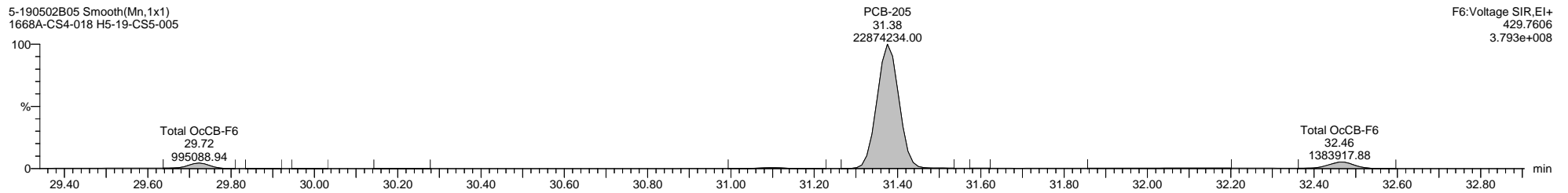
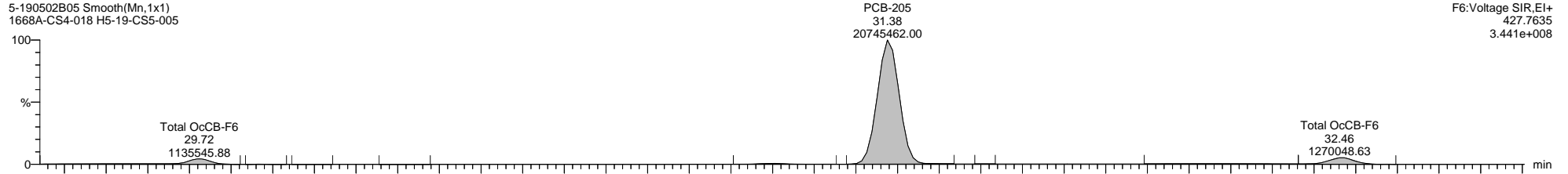
MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43



Quantify Sample Template Report

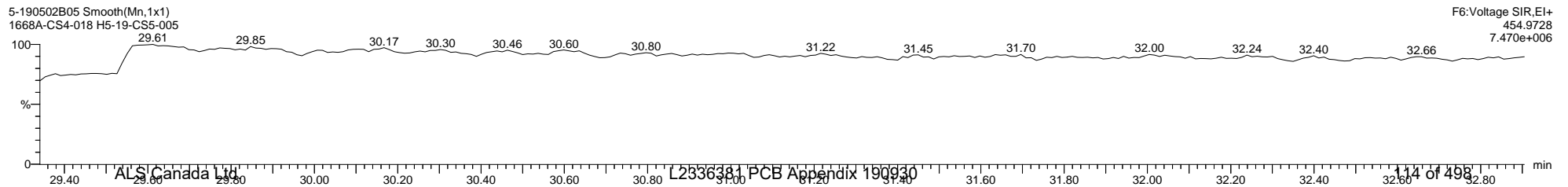
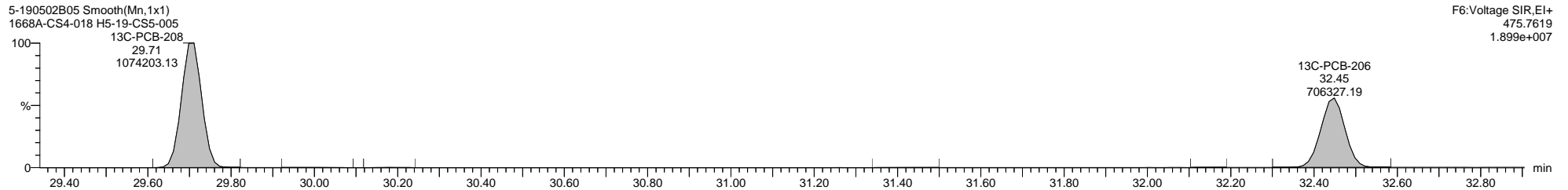
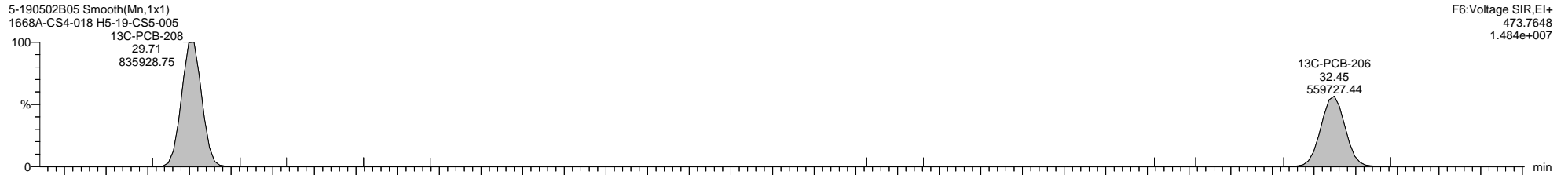
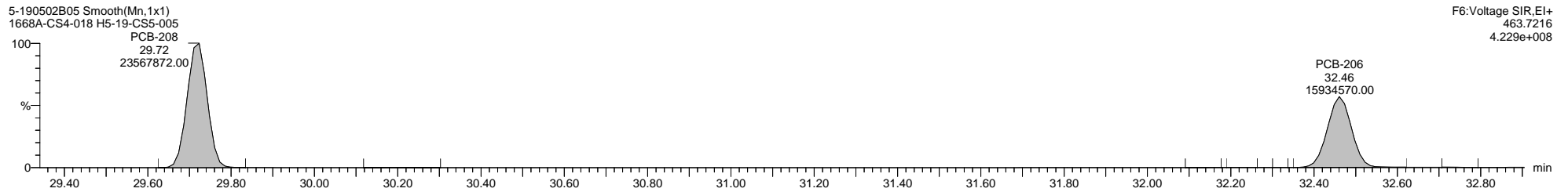
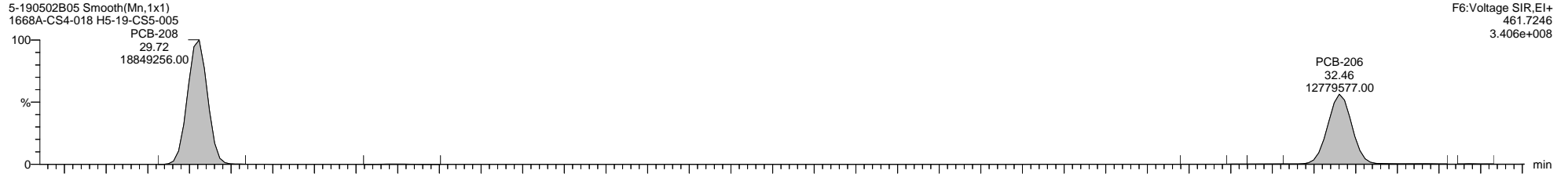
MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43



Quantify Sample Template Report

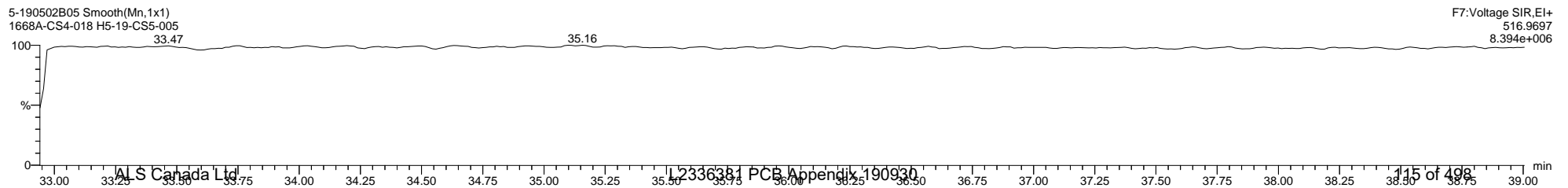
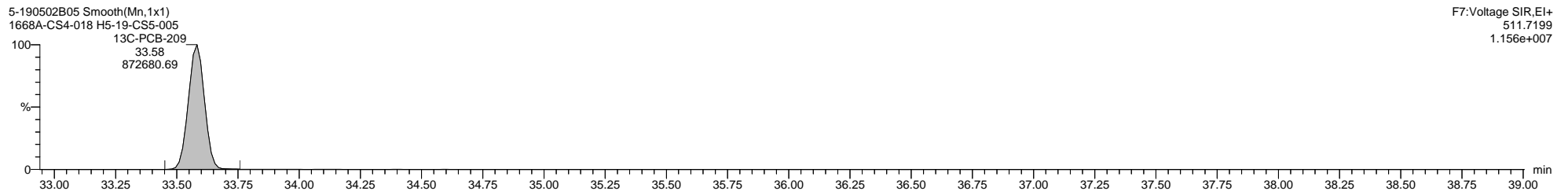
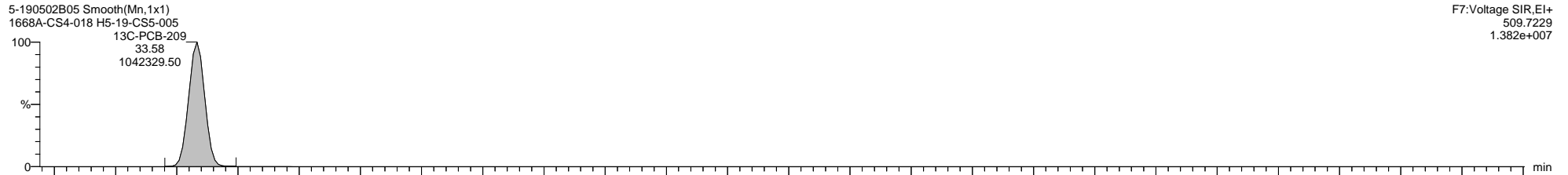
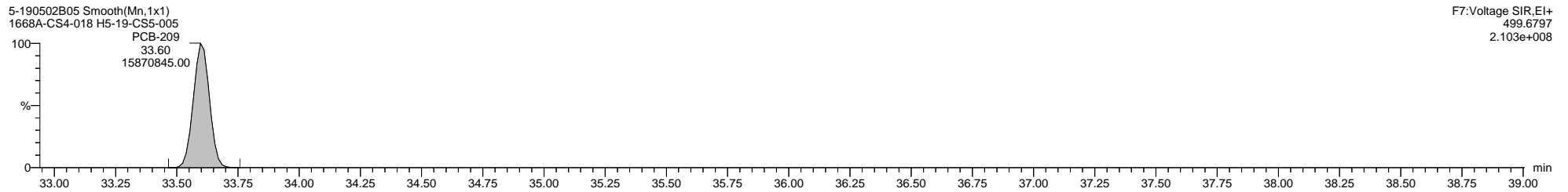
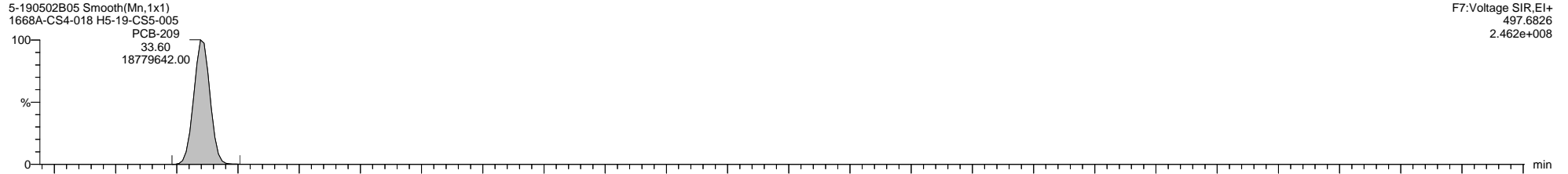
MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\ICALs\5-190502B-ICAL.qld

Last Altered: Friday, May 03, 2019 08:59:50 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:27:00 Eastern Daylight Time

Name: 5-190502B05, Date: 02-May-2019, Time: 14:56:11, ID: H5-19-CS5-005, Description: 1668A-CS4-018, Vial: Tray1:43



**Quantify Sample Summary Report**      **MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\1905\5-190502B-QC.qld

Last Altered: Friday, May 03, 2019 09:02:38 Eastern Daylight Time  
 Printed: Thursday, May 16, 2019 16:30:16 Eastern Daylight Time

**Method: C:\MassLynx\PCB.PRO\MethDB\1668-OCTYL-1-ICAL.mdb 28 Dec 2018 11:55:27**  
**Calibration: C:\MassLynx\PCB.PRO\CurveDB\5-190502B-ICAL.cdb 03 May 2019 08:59:50**

**Name: 5-190502B07, Date: 02-May-2019, Time: 16:20:21, ID: H5-19-RS1-005, Description: 1668A-RS1-018, Vial: Tray1:45**

|    | Target Analyte               | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra   | Ra Fail=Y... | RT    | RRT  | RT LCL | RT UCL | Conc.     | %Rec  | Mod.Comment | Noise 1 | Noise 2 |
|----|------------------------------|------|------------|-----------|-----------|------|--------------|-------|------|--------|--------|-----------|-------|-------------|---------|---------|
| 1  | PCB-1                        |      | 3574589    | 2712029   | 862560    | 3.14 | NO           | 8.88  | 1.00 | 8.84   | 8.91   | 49.76087  | 99.5  |             | 2877    | 2365    |
| 2  | PCB-3                        |      | 3450365    | 2618083   | 832281    | 3.15 | NO           | 10.41 | 1.00 | 10.38  | 10.45  | 50.14346  | 100.3 |             | 2877    | 2365    |
| 3  | PCB-4                        |      | 2010826    | 1203824   | 807002    | 1.49 | NO           | 10.58 | 1.00 | 10.55  | 10.61  | 52.74624  | 105.5 |             | 3498    | 32260   |
| 4  | PCB-15                       |      | 3325466    | 2032140   | 1293326   | 1.57 | NO           | 14.26 | 1.00 | 14.23  | 14.30  | 51.74088  | 103.5 |             | 4866    | 20103   |
| 5  | PCB-19                       |      | 1949751    | 1008429   | 941322    | 1.07 | NO           | 12.58 | 1.00 | 12.55  | 12.61  | 51.07231  | 102.1 |             | 7040    | 5773    |
| 6  | PCB-37                       |      | 2564585    | 1309438   | 1255147   | 1.04 | NO           | 18.21 | 1.00 | 18.18  | 18.24  | 45.06916  | 90.1  |             | 8193    | 8957    |
| 7  | PCB-54                       |      | 2533873    | 1106381   | 1427492   | 0.78 | NO           | 14.44 | 1.00 | 14.40  | 14.47  | 51.51322  | 103.0 |             | 2139    | 2558    |
| 8  | PCB-81                       |      | 2708192    | 1182385   | 1525807   | 0.77 | NO           | 21.79 | 1.00 | 21.75  | 21.82  | 47.52778  | 95.1  |             | 4744    | 4357    |
| 9  | PCB-77                       |      | 2647023    | 1151157   | 1495866   | 0.77 | NO           | 22.09 | 1.00 | 22.06  | 22.13  | 49.43585  | 98.9  |             | 4744    | 4357    |
| 10 | PCB-104                      |      | 2344440    | 1436764   | 907676    | 1.58 | NO           | 17.51 | 1.00 | 17.47  | 17.54  | 47.45730  | 94.9  |             | 1341    | 2107    |
| 11 | PCB-123                      |      | 2340298    | 1438927   | 901372    | 1.60 | NO           | 23.10 | 1.00 | 23.06  | 23.13  | 51.81339  | 103.6 |             | 4414    | 2731    |
| 12 | PCB-118                      |      | 2497296    | 1525296   | 972000    | 1.57 | NO           | 23.26 | 1.00 | 23.23  | 23.30  | 51.18898  | 102.4 |             | 4414    | 2731    |
| 13 | PCB-114                      |      | 2440234    | 1484537   | 955697    | 1.55 | NO           | 23.55 | 1.00 | 23.52  | 23.59  | 52.06315  | 104.1 |             | 4414    | 2731    |
| 14 | PCB-105                      |      | 2352642    | 1436612   | 916031    | 1.57 | NO           | 23.90 | 1.00 | 23.87  | 23.94  | 49.57131  | 99.1  |             | 4414    | 2731    |
| 15 | PCB-126                      |      | 2268203    | 1388525   | 879678    | 1.58 | NO           | 25.50 | 1.00 | 25.47  | 25.53  | 51.84766  | 103.7 |             | 4414    | 2731    |
| 16 | PCB-155                      |      | 2423974    | 1346868   | 1077106   | 1.25 | NO           | 20.51 | 1.00 | 20.48  | 20.54  | 48.53251  | 97.1  |             | 1698    | 1256    |
| 17 | PCB-167                      |      | 2241360    | 1229254   | 1012106   | 1.21 | NO           | 26.41 | 1.00 | 26.37  | 26.44  | 48.51458  | 97.0  |             | 2509    | 2050    |
| 18 | PCB-156/157                  |      | 4343705    | 2403170   | 1940535   | 1.24 | NO           | 27.03 | 1.00 | 27.00  | 27.07  | 98.21073  | 98.2  |             | 2509    | 2050    |
| 19 | PCB-169                      |      | 1937736    | 1074312   | 863423    | 1.24 | NO           | 28.70 | 1.00 | 28.67  | 28.74  | 49.84981  | 99.7  |             | 2509    | 2050    |
| 20 | PCB-188                      |      | 2120366    | 1068641   | 1051725   | 1.02 | NO           | 23.51 | 1.00 | 23.47  | 23.54  | 49.63052  | 99.3  |             | 5519    | 3660    |
| 21 | PCB-189                      |      | 1750688    | 889402    | 861286    | 1.03 | NO           | 29.98 | 1.00 | 29.95  | 30.02  | 52.98944  | 106.0 |             | 8535    | 9192    |
| 22 | PCB-202                      |      | 1922575    | 916660    | 1005915   | 0.91 | NO           | 26.29 | 1.00 | 26.25  | 26.32  | 49.78673  | 99.6  |             | 1207    | 1330    |
| 23 | PCB-205                      |      | 1349419    | 641296    | 708123    | 0.91 | NO           | 31.39 | 1.00 | 31.35  | 31.42  | 48.75176  | 97.5  |             | 2629    | 3371    |
| 24 | PCB-208                      |      | 1330332    | 588339    | 741993    | 0.79 | NO           | 29.72 | 1.00 | 29.69  | 29.76  | 47.82831  | 95.7  |             | 2288    | 3321    |
| 25 | PCB-206                      |      | 961822     | 428295    | 533528    | 0.80 | NO           | 32.46 | 1.00 | 32.43  | 32.49  | 51.49880  | 103.0 |             | 2288    | 3321    |
| 26 | PCB-209                      |      | 1186801    | 645859    | 540943    | 1.19 | NO           | 33.60 | 1.00 | 33.56  | 33.63  | 53.54290  | 107.1 |             | 441     | 605     |
| 27 | 13C-PCB-31                   |      | 6271880    | 3229261   | 3042619   | 1.06 | NO           | 15.79 | 0.87 | 15.76  | 15.83  | 101.38562 | 101.4 |             | 65495   | 38483   |
| 28 | 13C-PCB-95                   |      | 3018737    | 1844442   | 1174294   | 1.57 | NO           | 19.10 | 1.09 | 19.07  | 19.14  | 104.95619 | 105.0 |             | 4547    | 3052    |
| 29 | 13C-PCB-153                  |      | 3934852    | 2221873   | 1712980   | 1.30 | NO           | 24.18 | 1.18 | 24.15  | 24.22  | 101.06060 | 101.1 |             | 5840    | 3824    |
| 30 | 13C-PCB-28                   |      | 6479110    | 3343611   | 3135499   | 1.07 | NO           | 15.96 | 0.94 | 15.93  | 15.99  | 100.96047 | 101.0 |             | 65495   | 38483   |
| 31 | 13C-PCB-111                  |      | 4067598    | 2499533   | 1568065   | 1.59 | NO           | 22.02 | 1.07 | 21.98  | 22.05  | 101.14116 | 101.1 |             | 4547    | 3052    |
| 32 | 13C-PCB-178                  |      | 3178706    | 1624489   | 1554217   | 1.05 | NO           | 25.07 | 1.01 | 25.03  | 25.10  | 103.27733 | 103.3 |             | 3670    | 3272    |
| 33 | 13C-PCB-1                    |      | 6621676    | 5019873   | 1601804   | 3.13 | NO           | 8.88  | 0.75 | 8.84   | 8.91   | 100.65362 | 100.7 |             | 4336    | 27079   |
| 34 | ALS Canada Ltd.<br>13C-PCB-3 |      | 6078393    | 4606821   | 1471573   | 3.13 | NO           | 10.40 | 0.88 | 10.37  | 10.43  | 99.12001  | 99.1  |             | 4336    | 27079   |

**Quantify Sample Summary Report**      **MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\1905\5-190502B-QC.qld

Last Altered: Friday, May 03, 2019 09:02:38 Eastern Daylight Time  
 Printed: Thursday, May 16, 2019 16:30:16 Eastern Daylight Time

**Name: 5-190502B07, Date: 02-May-2019, Time: 16:20:21, ID: H5-19-RS1-005, Description: 1668A-RS1-018, Vial: Tray1:45**

|    | Target Analyte  | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra   | Ra Fail=Y... | RT    | RRT  | RT LCL | RT UCL | Conc.       | %Rec  | Mod.Comment | Noise 1 | Noise 2 |
|----|-----------------|------|------------|-----------|-----------|------|--------------|-------|------|--------|--------|-------------|-------|-------------|---------|---------|
| 35 | 13C-PCB-4       |      | 4182465    | 2561804   | 1620661   | 1.58 | NO           | 10.57 | 0.89 | 10.53  | 10.60  | 100.25755   | 100.3 |             | 26123   | 5957    |
| 36 | 13C-PCB-15      |      | 6185829    | 3774991   | 2410838   | 1.57 | NO           | 14.25 | 1.20 | 14.22  | 14.29  | 100.05178   | 100.1 |             | 59183   | 8325    |
| 37 | 13C-PCB-19      |      | 3313627    | 1693142   | 1620485   | 1.04 | NO           | 12.57 | 1.06 | 12.53  | 12.60  | 102.69500   | 102.7 |             | 113766  | 60509   |
| 38 | 13C-PCB-37      |      | 5398781    | 2771104   | 2627676   | 1.05 | NO           | 18.20 | 1.07 | 18.17  | 18.24  | 97.23199    | 97.2  |             | 65495   | 38483   |
| 39 | 13C-PCB-54      |      | 4699598    | 2084794   | 2614804   | 0.80 | NO           | 14.43 | 0.85 | 14.39  | 14.46  | 100.21313   | 100.2 |             | 14338   | 8771    |
| 40 | 13C-PCB-81      |      | 4770271    | 2097533   | 2672739   | 0.78 | NO           | 21.78 | 1.06 | 21.74  | 21.81  | 97.15907    | 97.2  |             | 12913   | 7813    |
| 41 | 13C-PCB-77      |      | 4768546    | 2078646   | 2689900   | 0.77 | NO           | 22.08 | 1.07 | 22.05  | 22.12  | 95.97672    | 96.0  |             | 12913   | 7813    |
| 42 | 13C-PCB-104     |      | 4294636    | 2627440   | 1667196   | 1.58 | NO           | 17.50 | 1.03 | 17.46  | 17.53  | 99.90634    | 99.9  |             | 2197    | 2530    |
| 43 | 13C-PCB-123     |      | 4244475    | 2601218   | 1643257   | 1.58 | NO           | 23.08 | 1.12 | 23.05  | 23.12  | 96.12623    | 96.1  |             | 7051    | 5499    |
| 44 | 13C-PCB-118     |      | 4240249    | 2606934   | 1633315   | 1.60 | NO           | 23.25 | 1.13 | 23.22  | 23.29  | 98.07692    | 98.1  |             | 7051    | 5499    |
| 45 | 13C-PCB-114     |      | 4029780    | 2475586   | 1554194   | 1.59 | NO           | 23.54 | 0.95 | 23.51  | 23.58  | 97.44749    | 97.4  |             | 7051    | 5499    |
| 46 | 13C-PCB-105     |      | 4060533    | 2503550   | 1556983   | 1.61 | NO           | 23.89 | 0.96 | 23.86  | 23.93  | 96.77203    | 96.8  |             | 7051    | 5499    |
| 47 | 13C-PCB-126     |      | 3743980    | 2307246   | 1436733   | 1.61 | NO           | 25.49 | 1.02 | 25.45  | 25.52  | 94.01149    | 94.0  |             | 7051    | 5499    |
| 48 | 13C-PCB-155     |      | 4700536    | 2620271   | 2080265   | 1.26 | NO           | 20.50 | 0.99 | 20.47  | 20.53  | 100.48037   | 100.5 |             | 1763    | 2379    |
| 49 | 13C-PCB-167     |      | 3801539    | 2151644   | 1649895   | 1.30 | NO           | 26.39 | 1.06 | 26.36  | 26.43  | 99.53587    | 99.5  |             | 5840    | 3824    |
| 50 | 13C-PCB-156/157 |      | 7233447    | 4088760   | 3144687   | 1.30 | NO           | 27.02 | 1.09 | 26.99  | 27.06  | 196.71015   | 98.4  |             | 5840    | 3824    |
| 51 | 13C-PCB-169     |      | 3347492    | 1890030   | 1457462   | 1.30 | NO           | 28.69 | 1.15 | 28.66  | 28.72  | 96.48847    | 96.5  |             | 5840    | 3824    |
| 52 | 13C-PCB-188     |      | 4271060    | 2189068   | 2081993   | 1.05 | NO           | 23.49 | 0.94 | 23.46  | 23.53  | 102.04763   | 102.0 |             | 3670    | 3272    |
| 53 | 13C-PCB-189     |      | 3438501    | 1770086   | 1668415   | 1.06 | NO           | 29.97 | 0.96 | 29.94  | 30.00  | 97.94761    | 97.9  |             | 8307    | 6651    |
| 54 | 13C-PCB-202     |      | 3561096    | 1698057   | 1863039   | 0.91 | NO           | 26.27 | 1.06 | 26.24  | 26.31  | 100.88539   | 100.9 |             | 1185    | 2411    |
| 55 | 13C-PCB-205     |      | 2873370    | 1352408   | 1520962   | 0.89 | NO           | 31.36 | 1.01 | 31.33  | 31.40  | 101.53520   | 101.5 |             | 4318    | 7409    |
| 56 | 13C-PCB-208     |      | 2521965    | 1105547   | 1416418   | 0.78 | NO           | 29.71 | 0.96 | 29.68  | 29.74  | 101.67609   | 101.7 |             | 4245    | 4436    |
| 57 | 13C-PCB-206     |      | 1658795    | 726976    | 931819    | 0.78 | NO           | 32.45 | 1.04 | 32.42  | 32.48  | 103.45721   | 103.5 |             | 4245    | 4436    |
| 58 | 13C-PCB-209     |      | 2456441    | 1339225   | 1117216   | 1.20 | NO           | 33.58 | 1.08 | 33.55  | 33.62  | 102.54229   | 102.5 |             | 577     | 490     |
| 59 | 13C-PCB-9       |      | 6583678    | 4017118   | 2566560   | 1.57 | NO           | 11.83 | 0.48 | 11.80  | 11.86  | 113.04500   | 113.0 |             | 26123   | 5957    |
| 60 | 13C-PCB-52      |      | 3483220    | 1538609   | 1944611   | 0.79 | NO           | 16.96 | 0.68 | 16.93  | 16.99  | 116.71456   | 116.7 |             | 9912    | 8578    |
| 61 | 13C-PCB-101     |      | 3068600    | 1874996   | 1193604   | 1.57 | NO           | 20.63 | 0.83 | 20.60  | 20.66  | 118.46017   | 118.5 |             | 4547    | 3052    |
| 62 | 13C-PCB-138     |      | 3213098    | 1825088   | 1388010   | 1.31 | NO           | 24.87 | 0.00 | 24.84  | 24.91  | 115.32651   | 115.3 |             | 5840    | 3824    |
| 63 | 13C-PCB-194     |      | 2272523    | 1071443   | 1201080   | 0.89 | NO           | 31.09 | 1.25 | 31.06  | 31.13  | 114.51900   | 114.5 |             | 4318    | 7409    |
| 64 | Total MoCB-F1   | 4    |            | 5405943   |           |      |              |       |      |        |        | 90722.43269 |       |             | 2877    |         |
| 65 | Total DiCB-F1   | 2    |            | 1254747   |           |      |              |       |      |        |        | 94269.80491 |       |             | 3498    |         |
| 66 | Total DiCB-F2   | 2    |            | 2064229   |           |      |              |       |      |        |        | 50363.63768 |       |             | 4866    |         |
| 67 | Total TrCB-F1   | 3    |            | 1008980   |           |      |              |       |      |        |        | 1103.19337  |       |             | 2743    |         |
| 68 | Total TrCB-F3   | 11   |            | 1336716   |           |      |              |       |      |        |        | 49159.30143 |       |             | 3039    |         |
| 69 | Total TeCB-F2   | 1    |            | 1106381   |           |      |              |       |      |        |        | 51.51322    |       |             | 2139    |         |
| 70 | Total TeCB-F4   | 12   |            | 2372775   |           |      |              |       |      |        |        | 76862.54687 |       |             | 4744    |         |
| 71 | Total PCB-F3    | 2    |            | 1441258   |           |      |              |       |      |        |        | 4982.92046  |       |             | 1241    |         |

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\1905\5-190502B-QC.qld

Last Altered: Friday, May 03, 2019 09:02:38 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:30:16 Eastern Daylight Time

Name: 5-190502B07, Date: 02-May-2019, Time: 16:20:21, ID: H5-19-RS1-005, Description: 1668A-RS1-018, Vial: Tray1:45

|     | Target Analyte    | #Hom | Total Area | Ion1 Area | Ion2 Area | Ra | Ra Fail=Y... | RT | RRT | RT LCL | RT UCL | Conc.        | %Rec | Mod.Comment | Noise 1  | Noise 2 |
|-----|-------------------|------|------------|-----------|-----------|----|--------------|----|-----|--------|--------|--------------|------|-------------|----------|---------|
| 72  | Total PeCB-F5     | 13   |            | 7448910   |           |    |              |    |     |        |        | 250137.36252 |      |             | 4414     |         |
| 73  | Total HxCB-F4     | 6    |            | 1361536   |           |    |              |    |     |        |        | 24189.25133  |      |             | 1698     |         |
| 74  | Total HxCB-F5     | 18   |            | 4772167   |           |    |              |    |     |        |        | 97504.64196  |      |             | 2509     |         |
| 75  | Total HpCB-F5     | 17   |            | 1151177   |           |    |              |    |     |        |        | 166473.73355 |      |             | 1900     |         |
| 76  | Total HpCB-F6     | 5    |            | 951064    |           |    |              |    |     |        |        | 127311.36485 |      |             | 2362     |         |
| 77  | Total OcCB-F5     | 7    |            | 933050    |           |    |              |    |     |        |        | 31863.79085  |      |             | 1207     |         |
| 78  | Total OcCB-F6     | 6    |            | 721402    |           |    |              |    |     |        |        | 176476.88360 |      |             | 2629     |         |
| 79  | Total NoCB-F6     | 3    |            | 1019703   |           |    |              |    |     |        |        | 6062.96941   |      |             | 2288     |         |
| 80  | Total DeCB-F7     | 1    |            | 645859    |           |    |              |    |     |        |        | 53.54290     |      |             | 441      |         |
| 81  | Total 13C-MoCB-F1 | 2    |            | 9626693   |           |    |              |    |     |        |        | 199.77364    |      |             | 4336     |         |
| 82  | Total 13C-DiCB-F1 | 3    |            | 6615224   |           |    |              |    |     |        |        | 214.83337    |      |             | 26123    |         |
| 83  | Total 13C-DiCB-F2 | 1    |            | 3774991   |           |    |              |    |     |        |        | 100.05178    |      |             | 59183    |         |
| 84  | Total 13C-TrCB-F1 | 1    |            | 1693142   |           |    |              |    |     |        |        | 102.69500    |      |             | 113766   |         |
| 85  | Total 13C-TrCB-F3 | 5    |            | 9377100   |           |    |              |    |     |        |        | 43994.88762  |      |             | 65495    |         |
| 86  | Total 13C-TeCB-F2 | 1    |            | 2084794   |           |    |              |    |     |        |        | 100.21313    |      |             | 14338    |         |
| 87  | Total 13C-TeCB-F3 | 4    |            | 1595287   |           |    |              |    |     |        |        | 120.99421    |      |             | 9912     |         |
| 88  | Total 13C-TeCB-F4 | 7    |            | 4277565   |           |    |              |    |     |        |        | 128272.54354 |      |             | 12913    |         |
| 89  | Total 13C-PeCB-F3 | 1    |            | 2627440   |           |    |              |    |     |        |        | 99.90634     |      |             | 2197     |         |
| 90  | Total 13C-PeCB-F4 | 7    |            | 6244247   |           |    |              |    |     |        |        | 329.14270    |      |             | 4547     |         |
| 91  | Total 13C-PeCB-F5 | 14   |            | 12820071  |           |    |              |    |     |        |        | 376438.76225 |      |             | 7051     |         |
| 92  | Total 13C-HxCB-F4 | 4    |            | 2634140   |           |    |              |    |     |        |        | 17267.57861  |      |             | 1763     |         |
| 93  | Total 13C-HxCB-F5 | 17   |            | 12341359  |           |    |              |    |     |        |        | 656.94750    |      |             | 5840     |         |
| 94  | Total 13C-HpCB-F5 | 12   |            | 3899678   |           |    |              |    |     |        |        | 146945.05909 |      |             | 3670     |         |
| 95  | Total 13C-HpCB-F6 | 11   |            | 2028123   |           |    |              |    |     |        |        | 411333.41247 |      |             | 8307     |         |
| 96  | Total 13C-OcCB-F5 | 7    |            | 1708789   |           |    |              |    |     |        |        | 21572.64084  |      |             | 1185     |         |
| 97  | Total 13C-OcCB-F6 | 5    |            | 2533697   |           |    |              |    |     |        |        | 240.04935    |      |             | 4318     |         |
| 98  | Total 13C-NoCB-F6 | 5    |            | 1835981   |           |    |              |    |     |        |        | 9800.10693   |      |             | 4245     |         |
| 99  | Total 13C-DeCB-F7 | 1    |            | 1339225   |           |    |              |    |     |        |        | 102.54229    |      |             | 577      |         |
| 100 | Lockmass F1       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 17421... |         |
| 101 | Lockmass F2       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 1142745  |         |
| 102 | Lockmass F3       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 19850... |         |
| 103 | Lockmass F4       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 10447... |         |
| 104 | Lockmass F5       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 424760   |         |
| 105 | Lockmass F6       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 192846   |         |
| 106 | Lockmass F7       |      |            | 0         |           |    |              |    |     |        |        |              |      |             | 56942    |         |

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**Quantify Audit Report MassLynx MassLynx V4.1 SCN 901**

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\1905\5-190502B-QC.qld

Last Altered: Friday, May 03, 2019 09:02:38 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:30:16 Eastern Daylight Time

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| Date      | Time     | Event             | Details  | Comments |
|-----------|----------|-------------------|--|----------|
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| 03-May-19 | 09:02:38 | Process Integrate |  |          |
| 03-May-19 | 09:02:38 | Process Quantify  |  |          |
| 03-May-19 | 09:02:38 | Dataset Created   |  |          |
| 03-May-19 | 09:03:38 | Dataset Saved     | Saved to I:\Organics Instrument\HIGHRES GCMS Complete... |          |

Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\1905\5-190502B-QC.qld

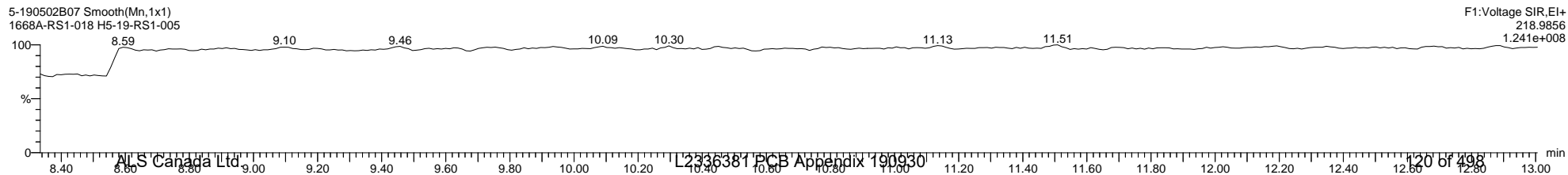
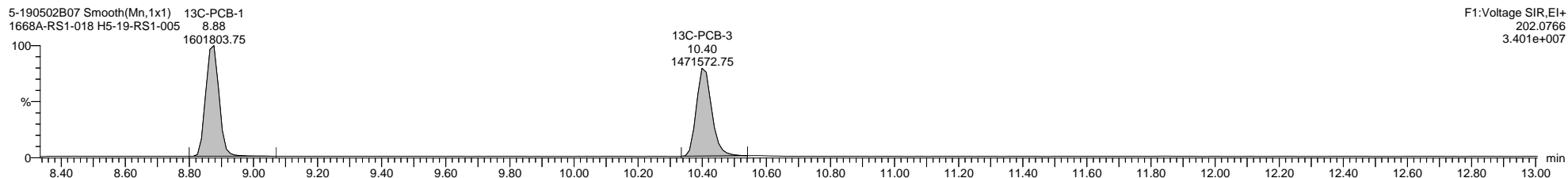
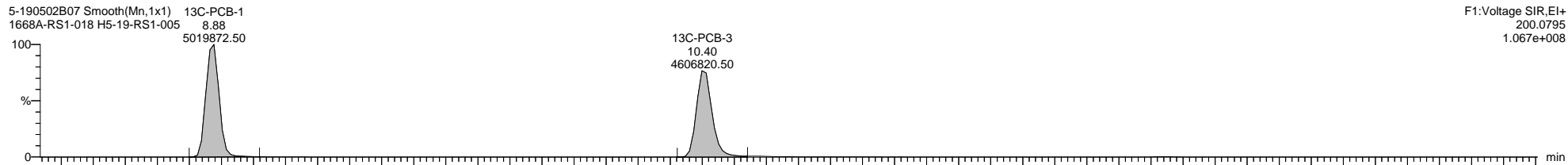
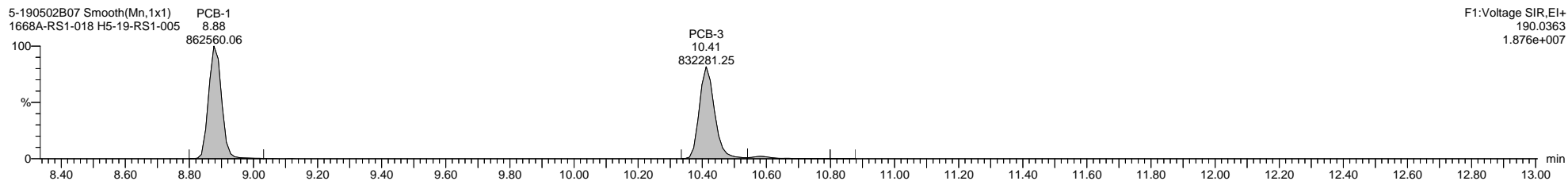
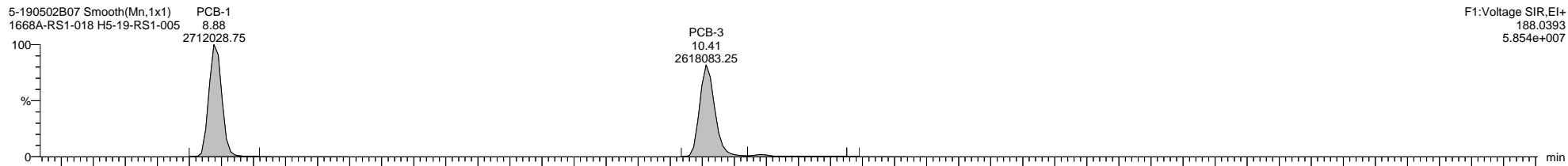
Last Altered: Friday, May 03, 2019 09:02:38 Eastern Daylight Time

Printed: Thursday, May 16, 2019 16:30:16 Eastern Daylight Time

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Calibration: C:\MassLynx\PCB.PRO\CurveDB\5-190502B-ICAL.cdb 03 May 2019 08:59:50

Name: 5-190502B07, Date: 02-May-2019, Time: 16:20:21, ID: H5-19-RS1-005, Description: 1668A-RS1-018, Vial: Tray1:45





Quantify Sample Template Report

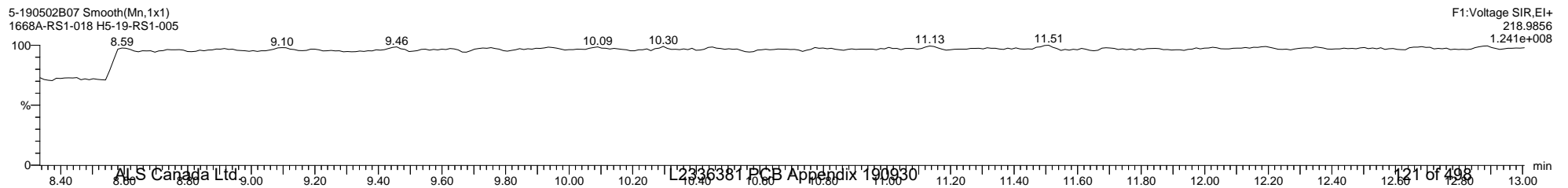
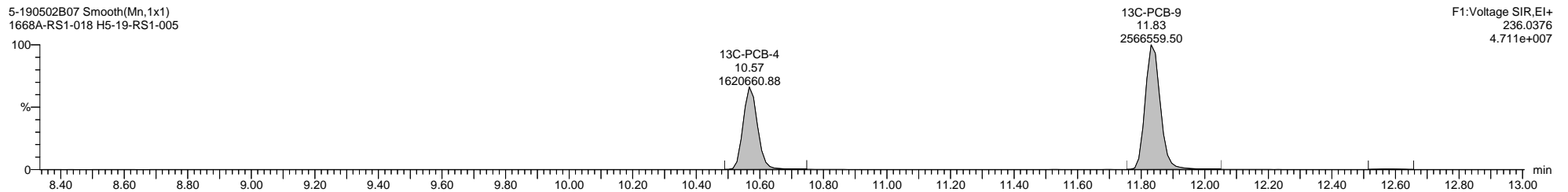
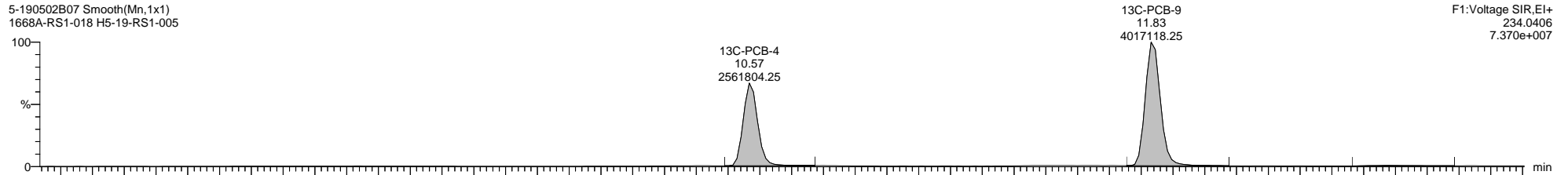
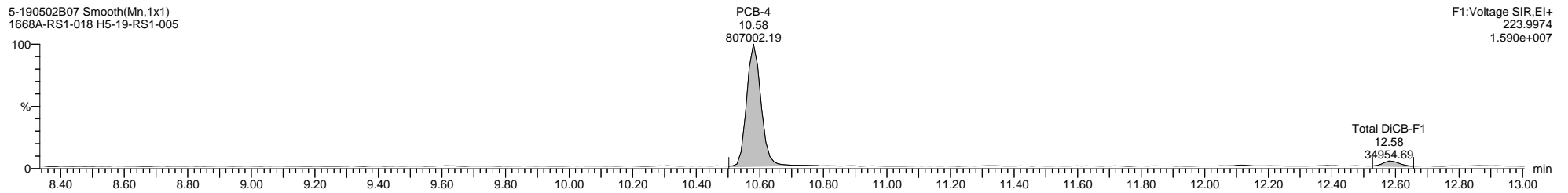
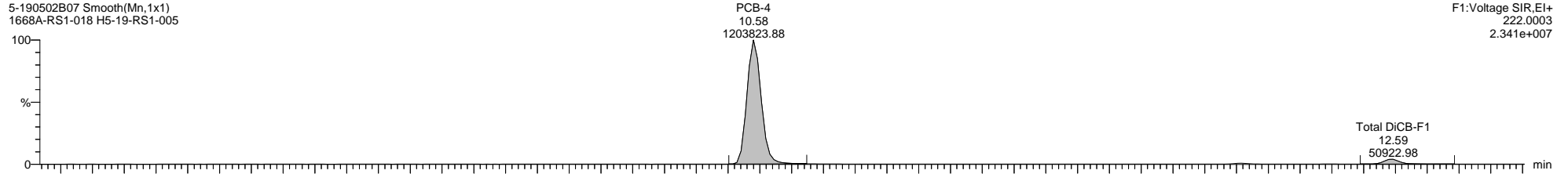
MassLynx MassLynx V4.1 SCN 901

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Printed: Thursday, May 16, 2019 16:30:16 Eastern Daylight Time

Name: 5-190502B07, Date: 02-May-2019, Time: 16:20:21, ID: H5-19-RS1-005, Description: 1668A-RS1-018, Vial: Tray1:45



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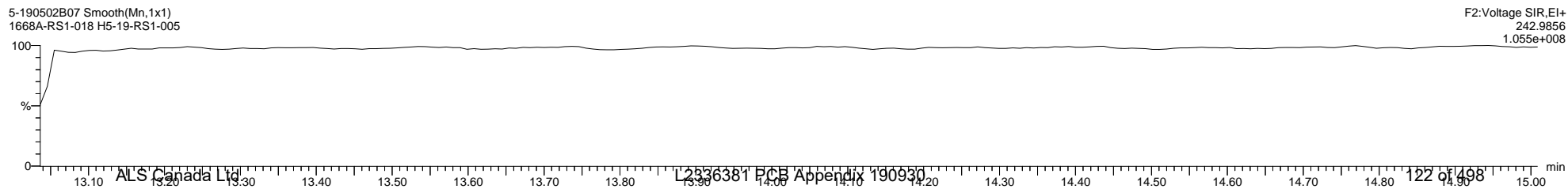
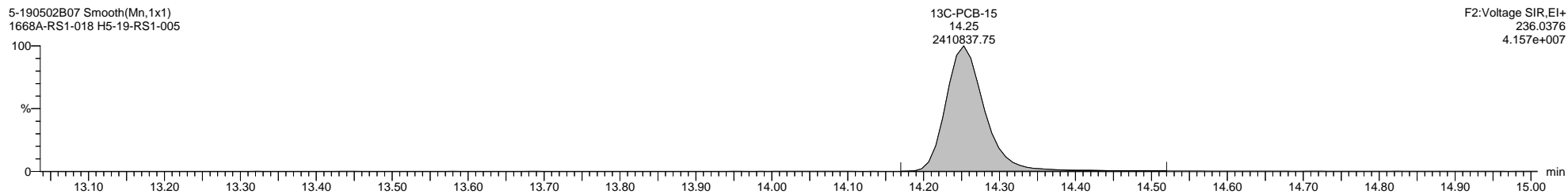
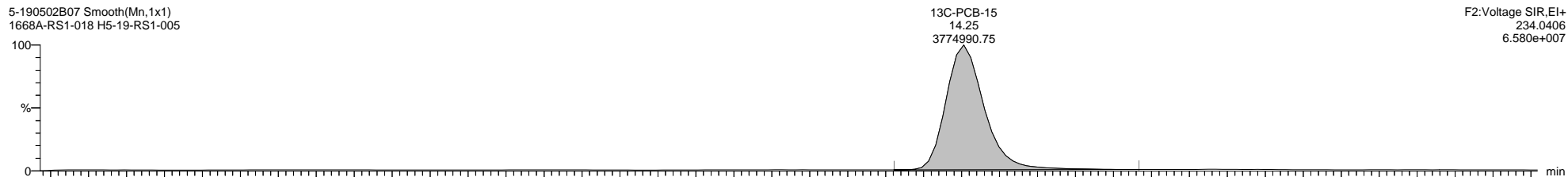
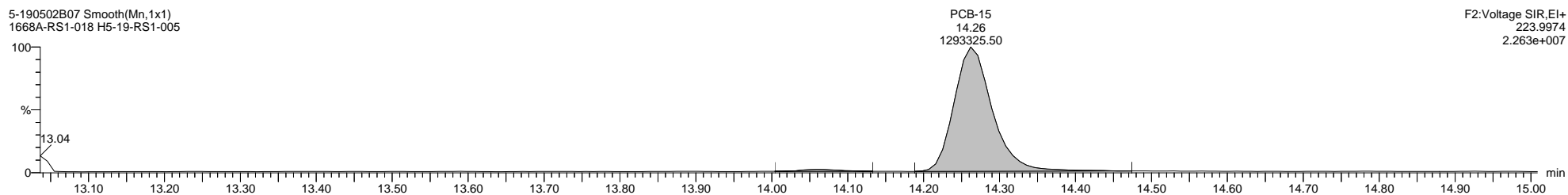
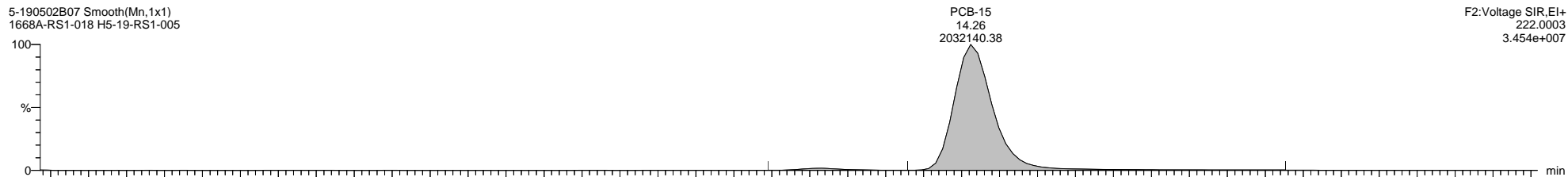
MassLynx MassLynx V4.1 SCN 901

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Name: 5-190502B07, Date: 02-May-2019, Time: 16:20:21, ID: H5-19-RS1-005, Description: 1668A-RS1-018, Vial: Tray1:45



Quantify Sample Template Report

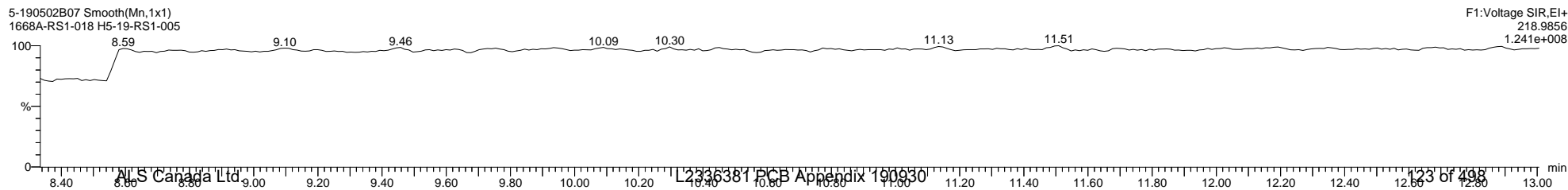
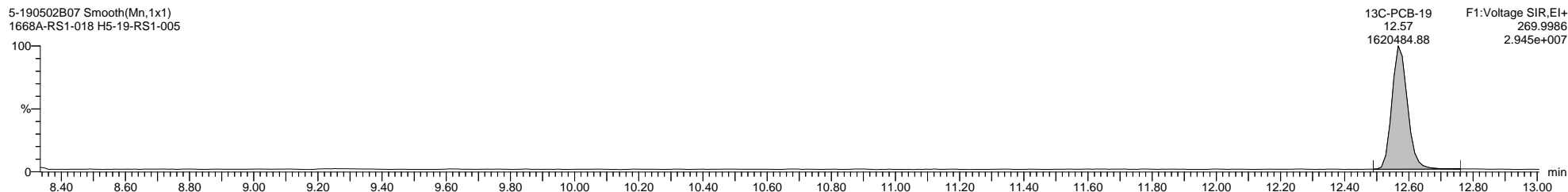
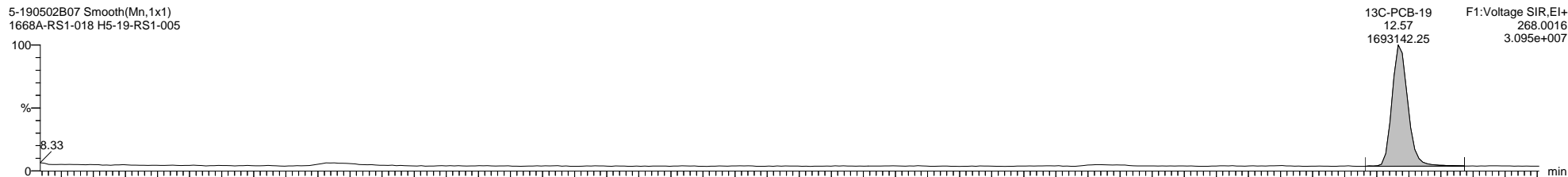
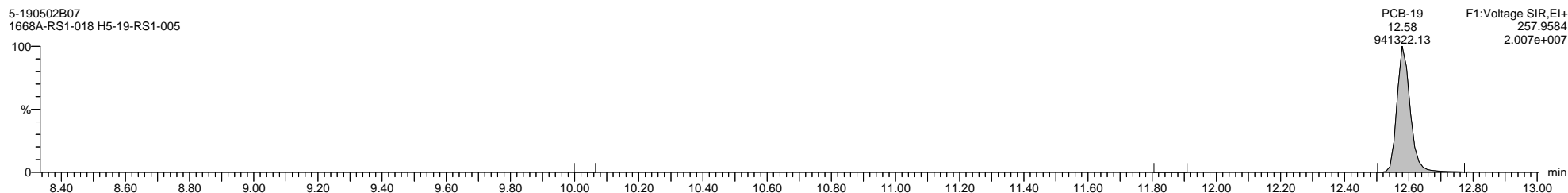
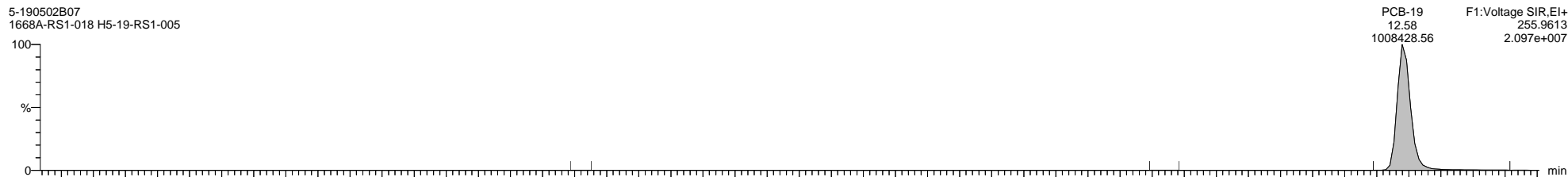
MassLynx MassLynx V4.1 SCN 901

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Name: 5-190502B07, Date: 02-May-2019, Time: 16:20:21, ID: H5-19-RS1-005, Description: 1668A-RS1-018, Vial: Tray1:45



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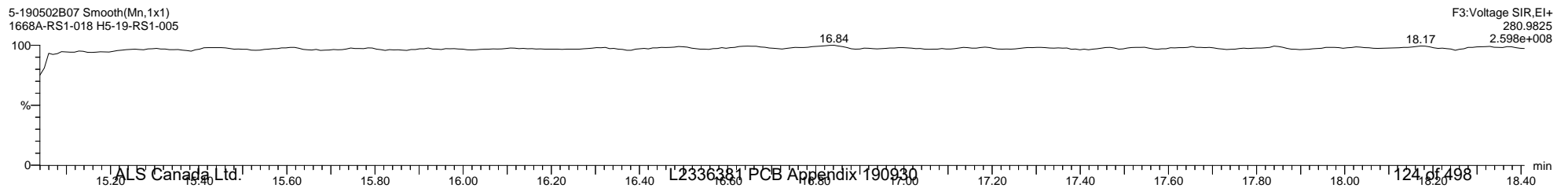
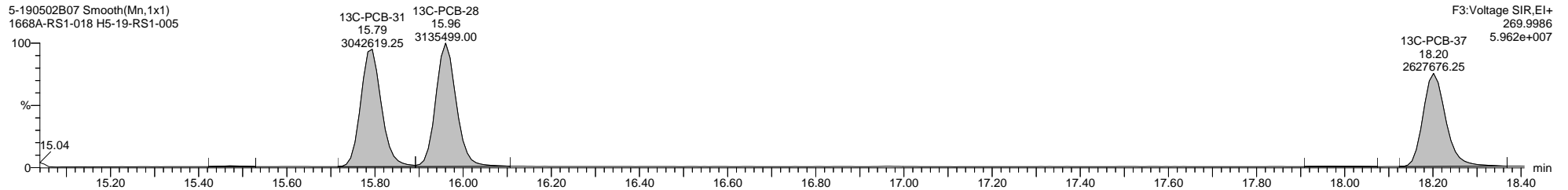
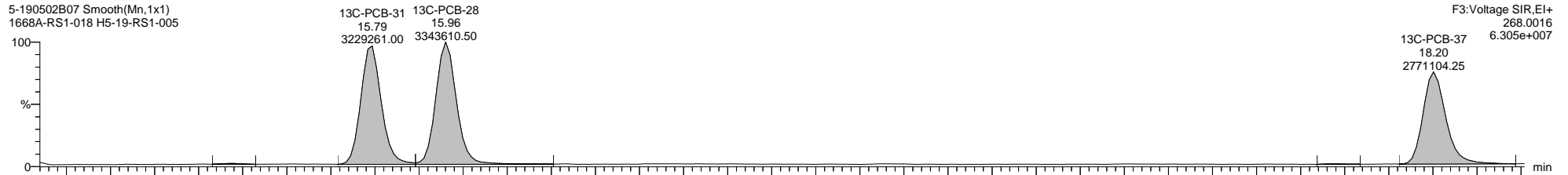
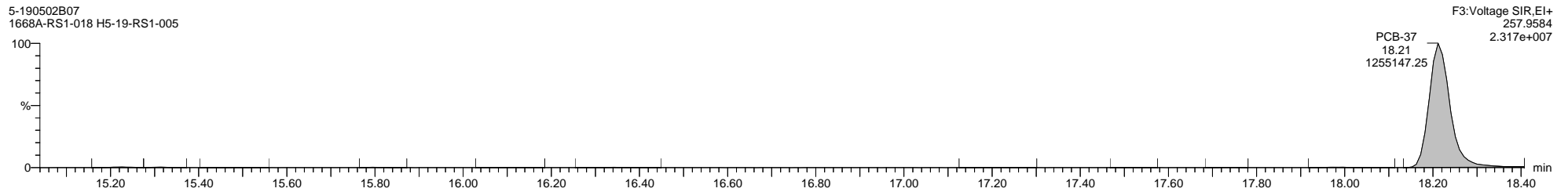
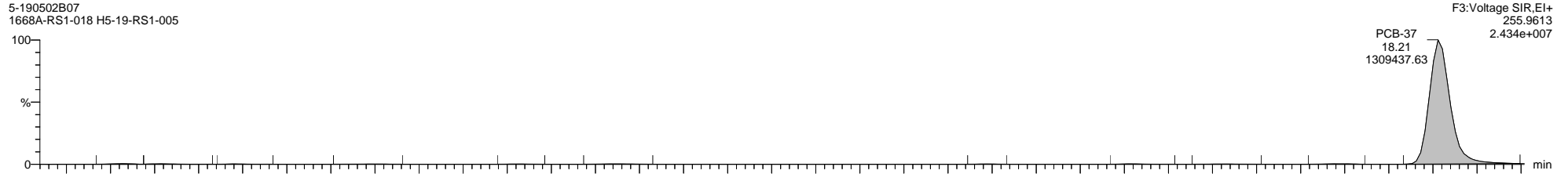
MassLynx MassLynx V4.1 SCN 901

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Name: 5-190502B07, Date: 02-May-2019, Time: 16:20:21, ID: H5-19-RS1-005, Description: 1668A-RS1-018, Vial: Tray1:45



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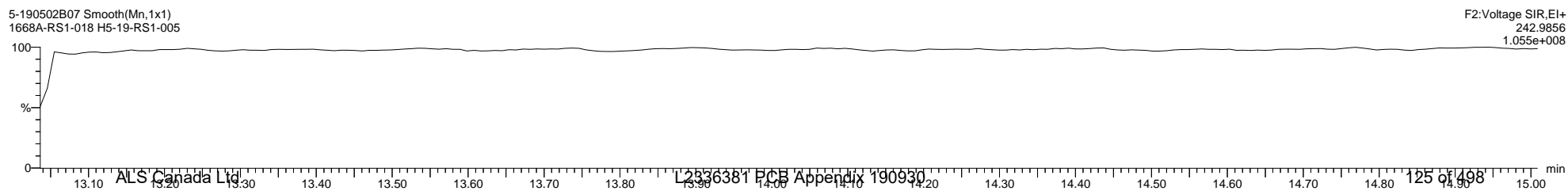
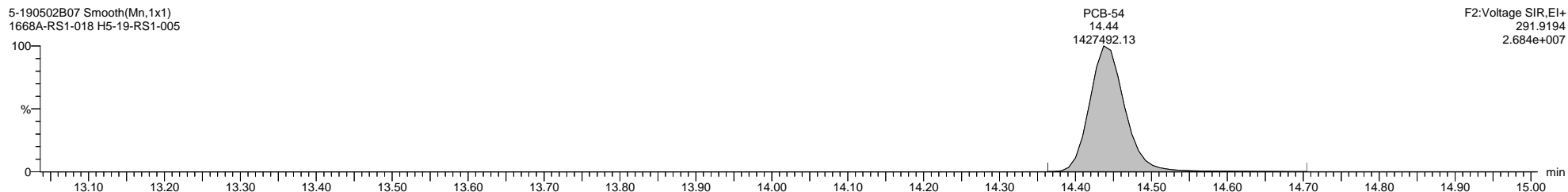
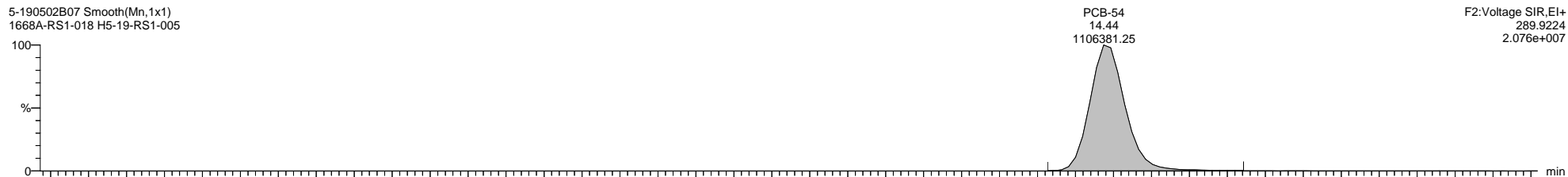
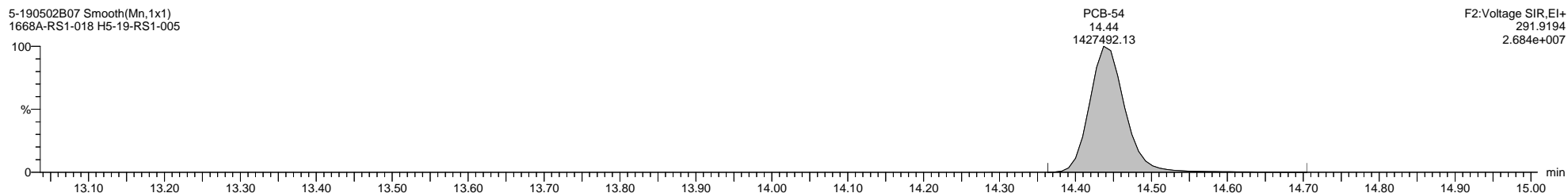
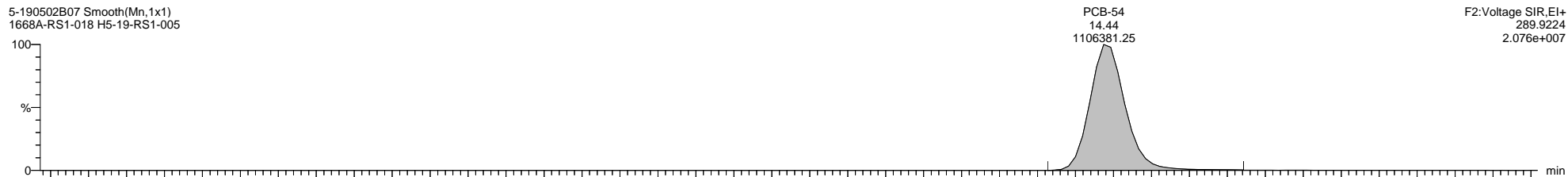
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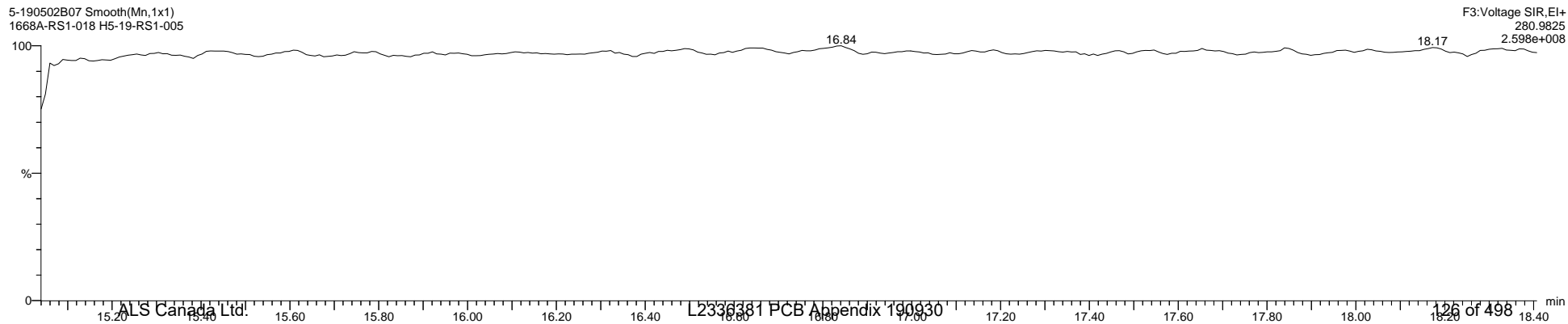
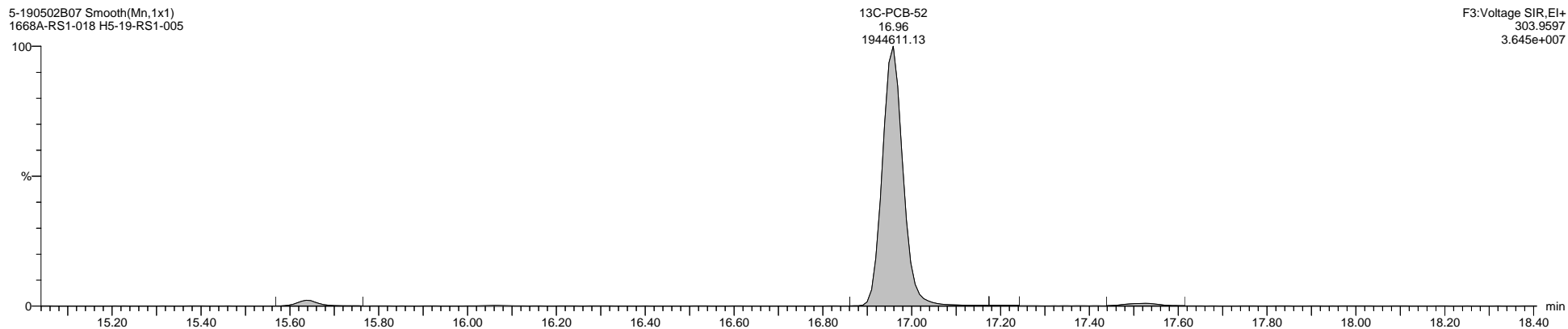
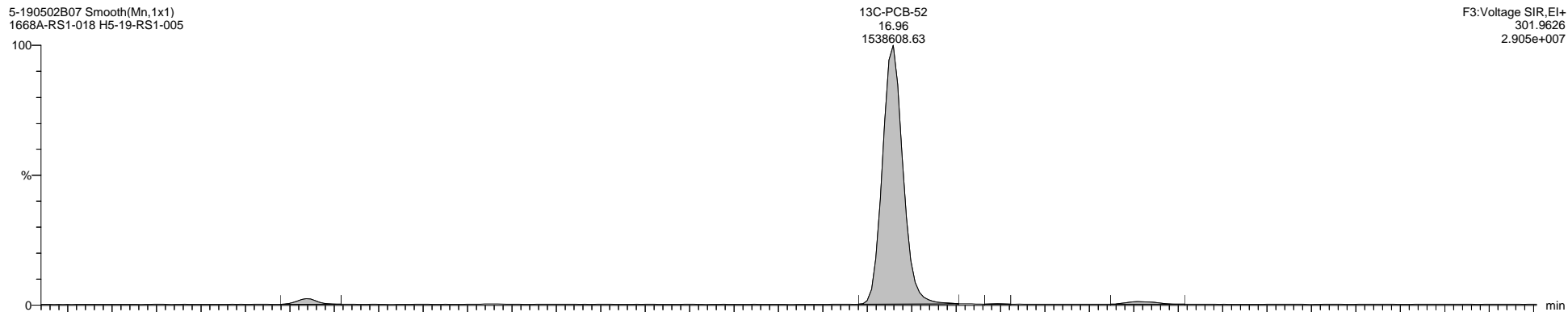


Quantify Sample Template Report MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\1905\5-190502B-QC.qld

Last Altered: Friday, May 03, 2019 09:02:38 Eastern Daylight Time  
Printed: Thursday, May 16, 2019 16:30:16 Eastern Daylight Time

Name: 5-190502B07, Date: 02-May-2019, Time: 16:20:21, ID: H5-19-RS1-005, Description: 1668A-RS1-018, Vial: Tray1:45



Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

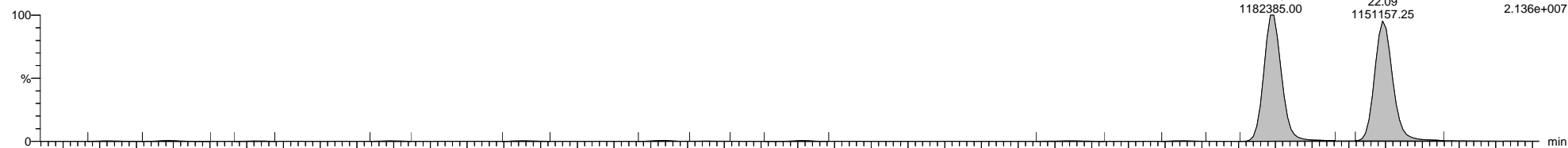
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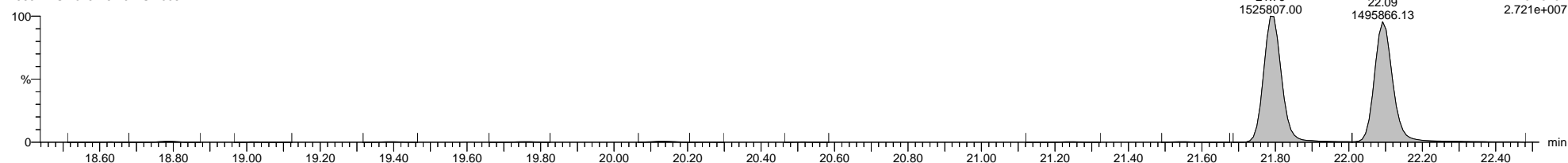
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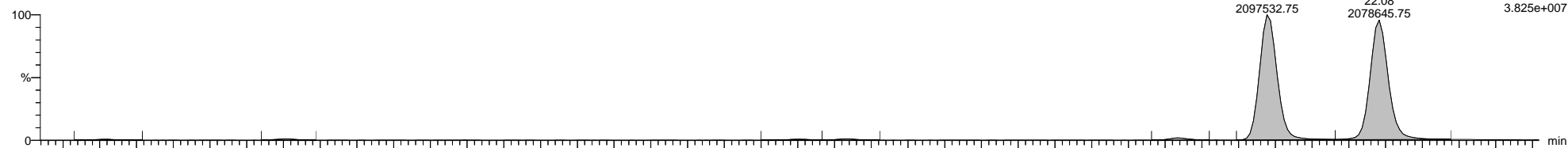
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1668A-RS1-018 H5-19-RS1-005



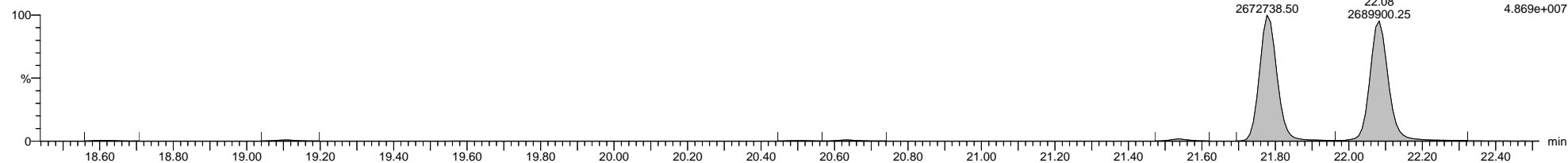
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1668A-RS1-018 H5-19-RS1-005



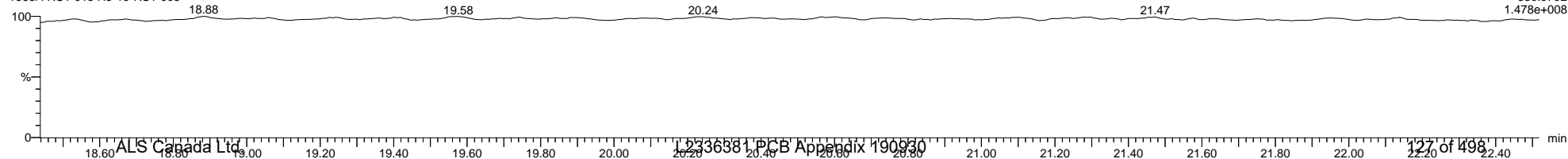
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1668A-RS1-018 H5-19-RS1-005



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1668A-RS1-018 H5-19-RS1-005



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1668A-RS1-018 H5-19-RS1-005



Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

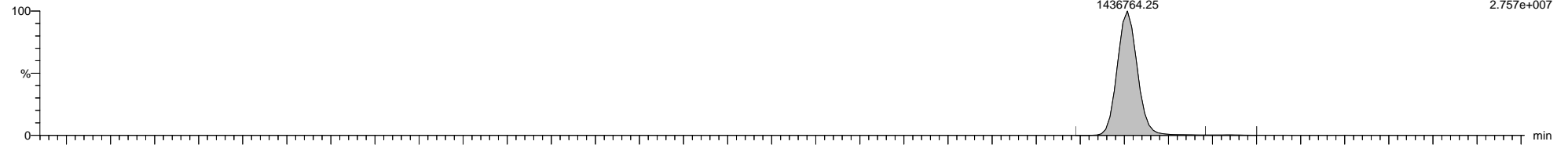
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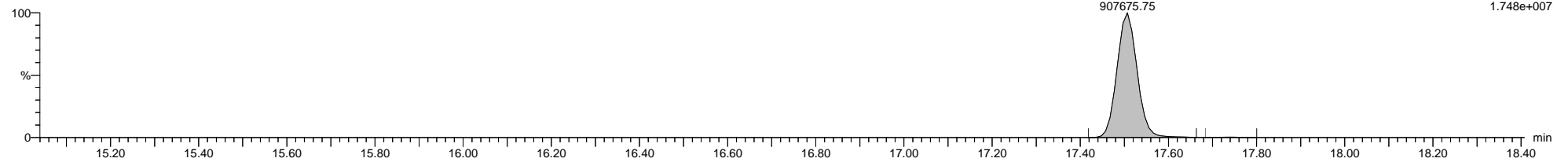
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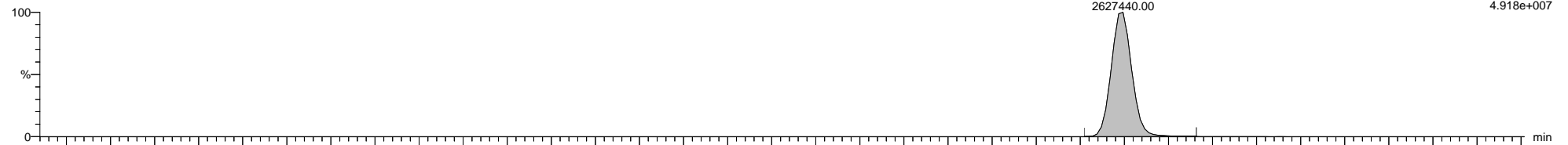
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1668A-RS1-018 H5-19-RS1-005



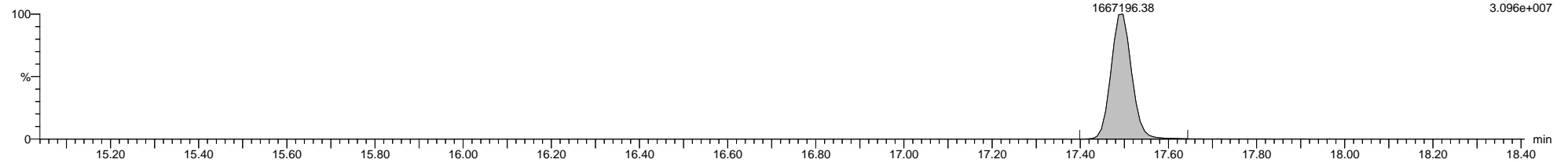
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1668A-RS1-018 H5-19-RS1-005



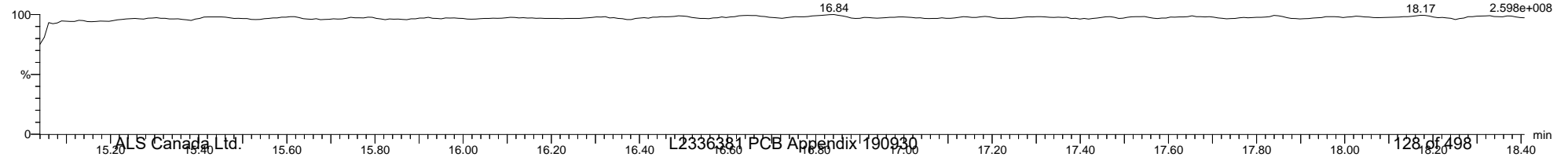
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1668A-RS1-018 H5-19-RS1-005



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1668A-RS1-018 H5-19-RS1-005



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1668A-RS1-018 H5-19-RS1-005





Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

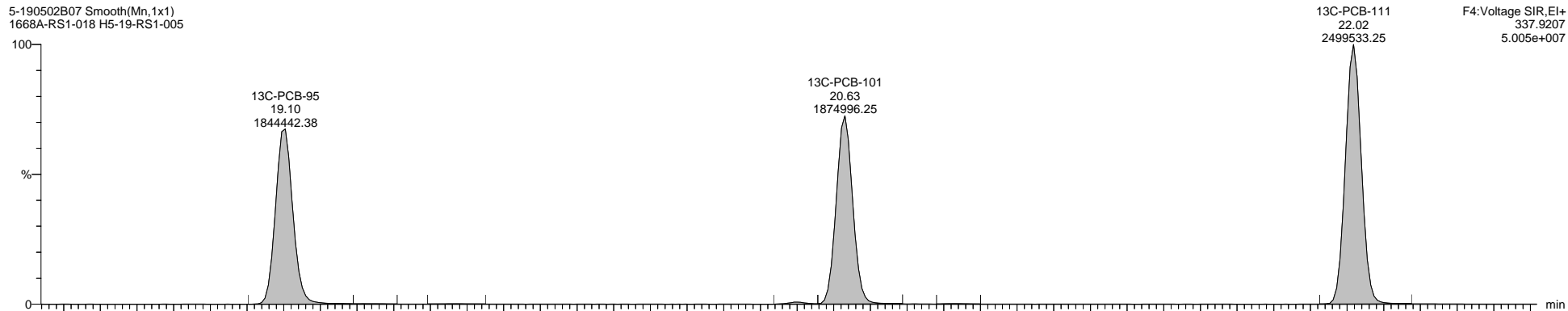
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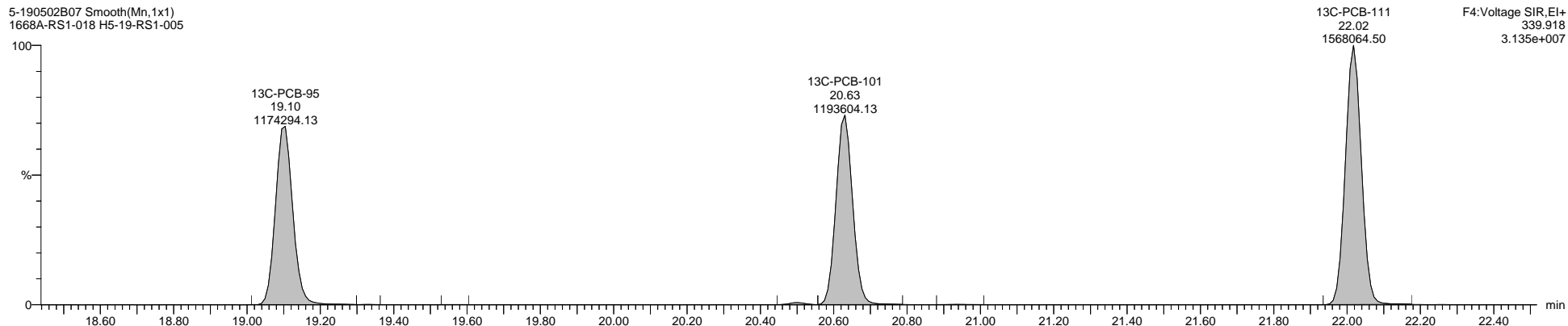
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1668A-RS1-018 H5-19-RS1-005



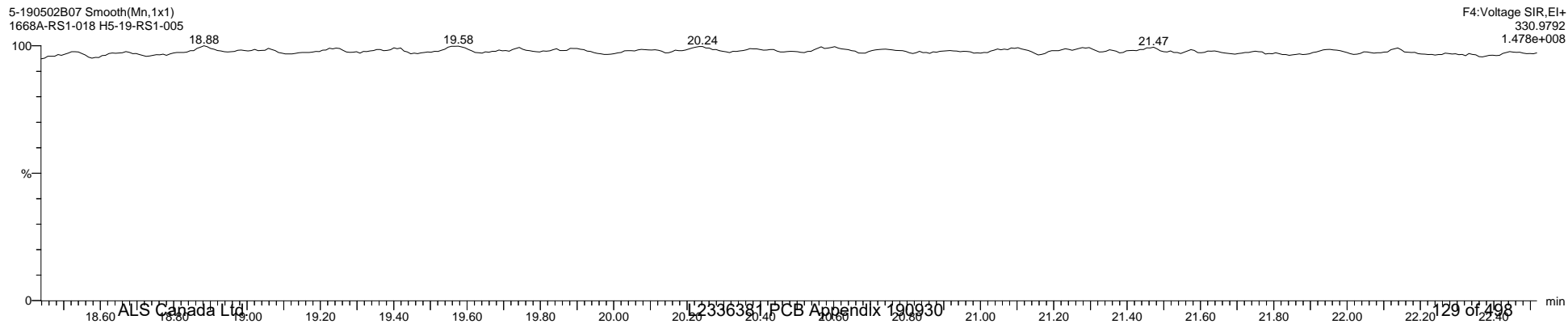
F4:Voltage SIR,El+  
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5.005e+007

5-190502B07 Smooth(Mn,1x1)  
1668A-RS1-018 H5-19-RS1-005



F4:Voltage SIR,El+  
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3.135e+007

5-190502B07 Smooth(Mn,1x1)  
1668A-RS1-018 H5-19-RS1-005



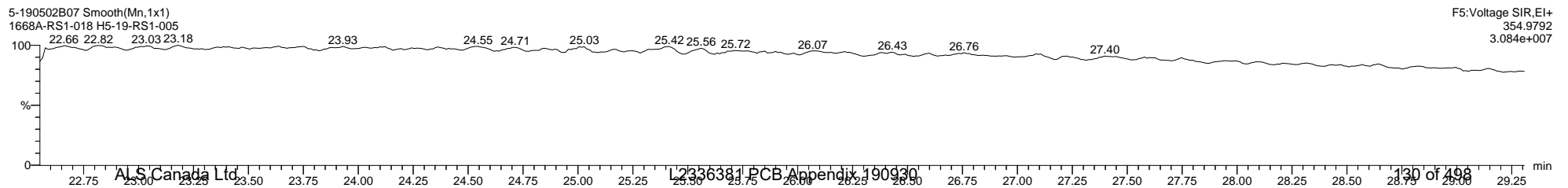
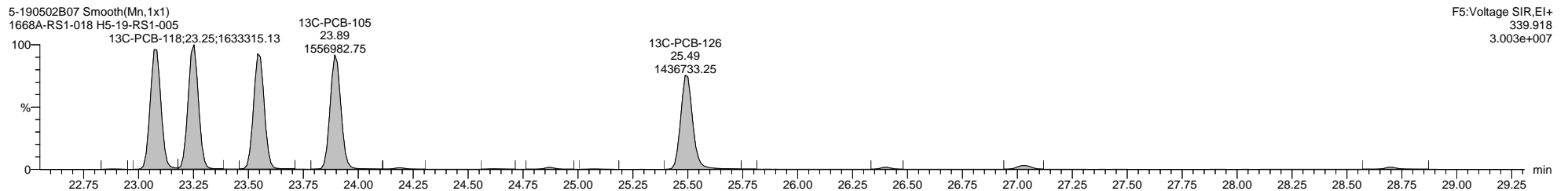
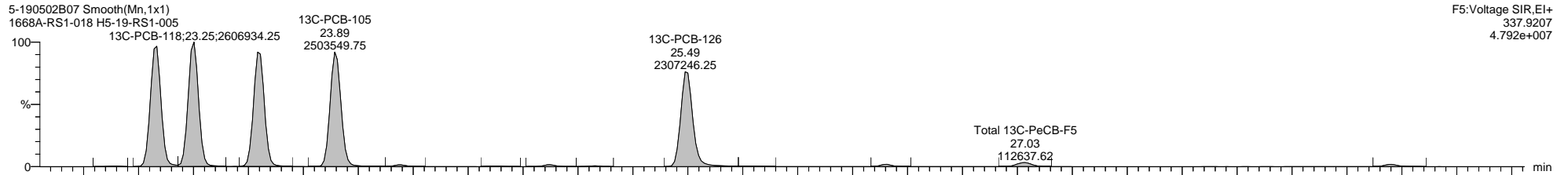
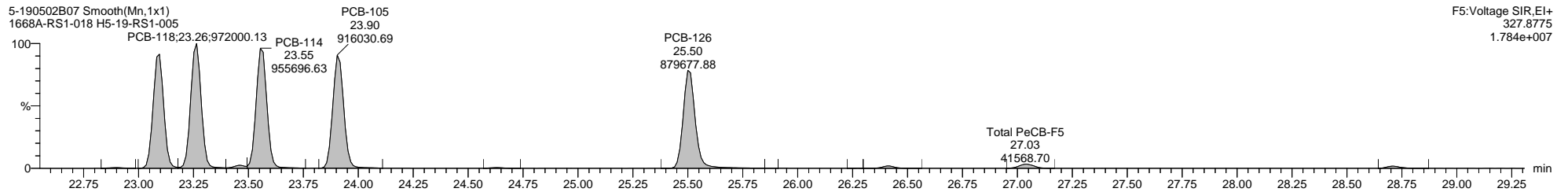
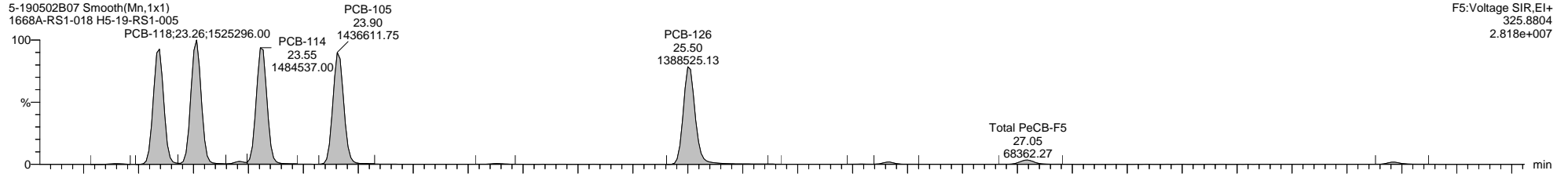
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Quantify Sample Template Report MassLynx MassLynx V4.1 SCN 901

Dataset: I:\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\1905\5-190502B-QC.qld

Last Altered: Friday, May 03, 2019 09:02:38 Eastern Daylight Time  
Printed: Thursday, May 16, 2019 16:30:16 Eastern Daylight Time

Name: 5-190502B07, Date: 02-May-2019, Time: 16:20:21, ID: H5-19-RS1-005, Description: 1668A-RS1-018, Vial: Tray1:45



Quantify Sample Template Report

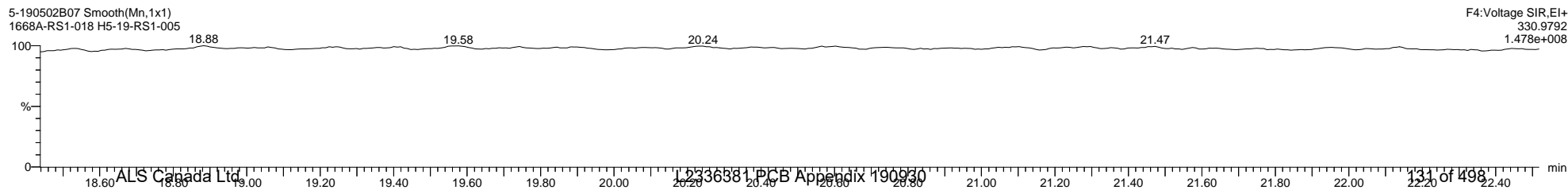
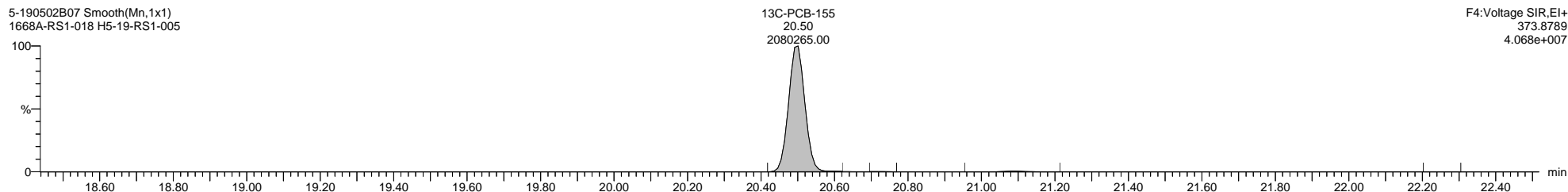
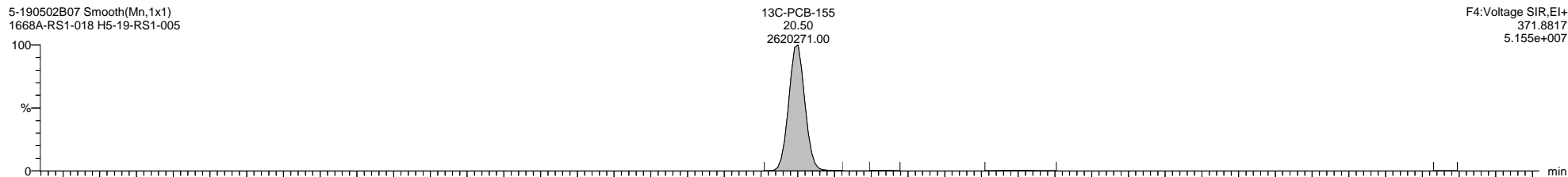
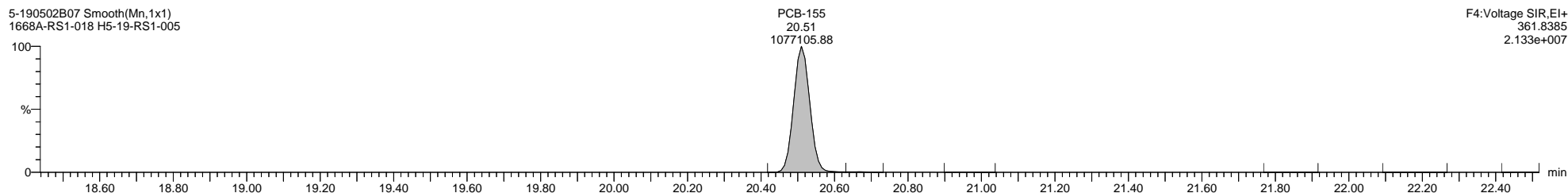
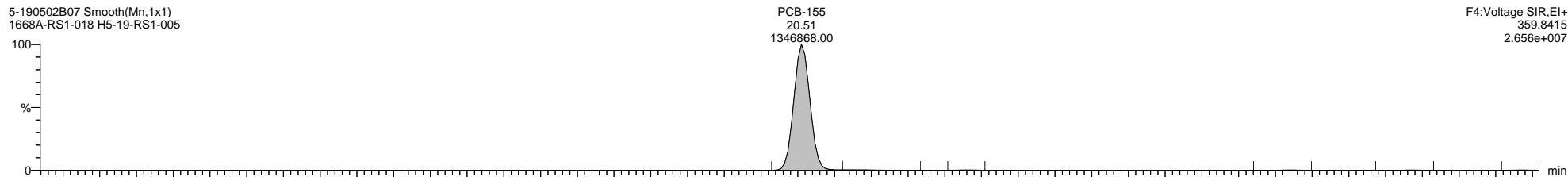
MassLynx MassLynx V4.1 SCN 901

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Quantify Sample Template Report

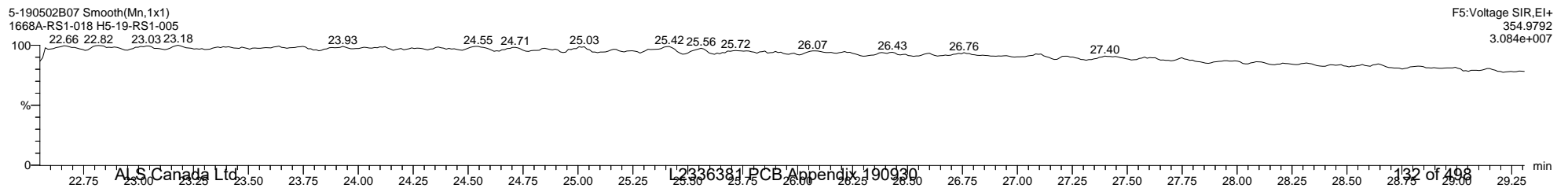
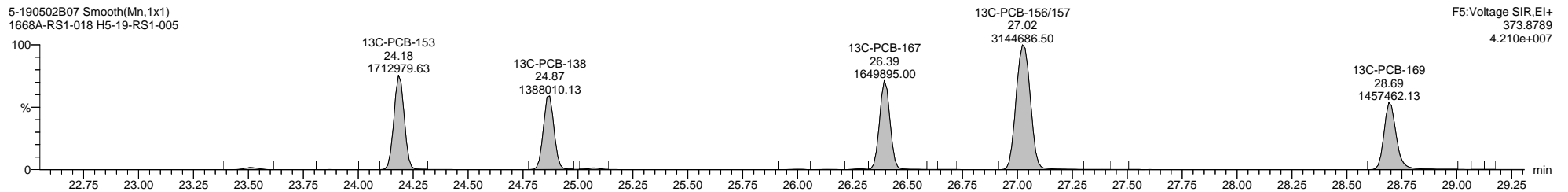
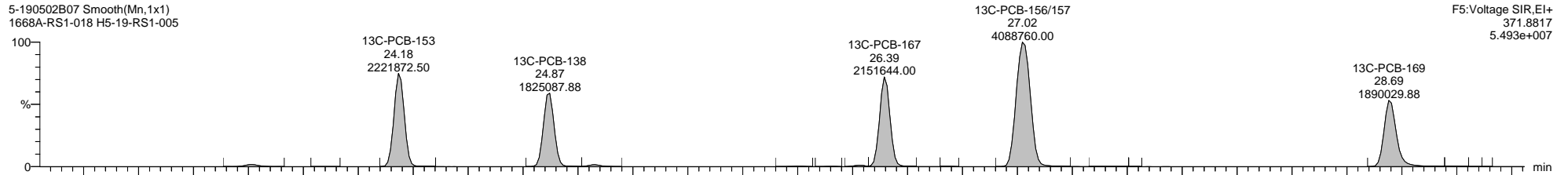
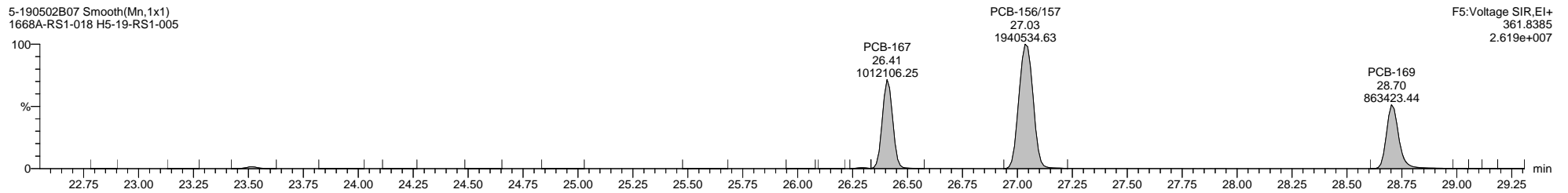
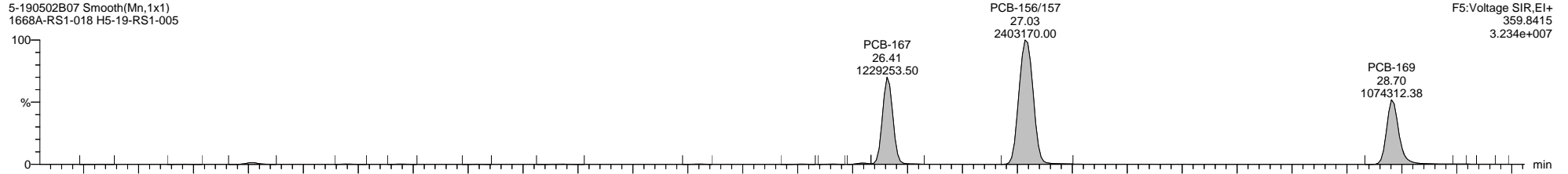
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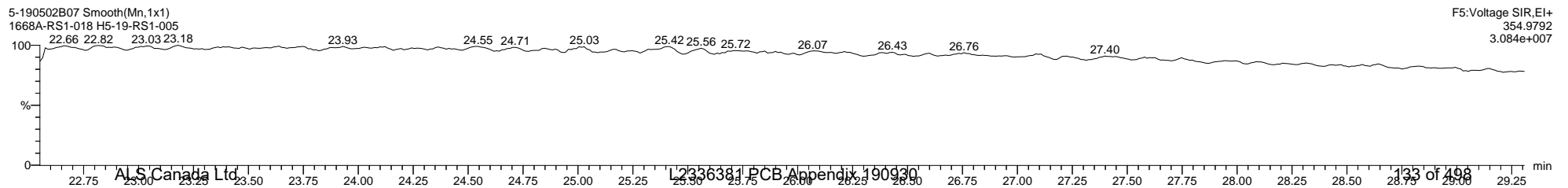
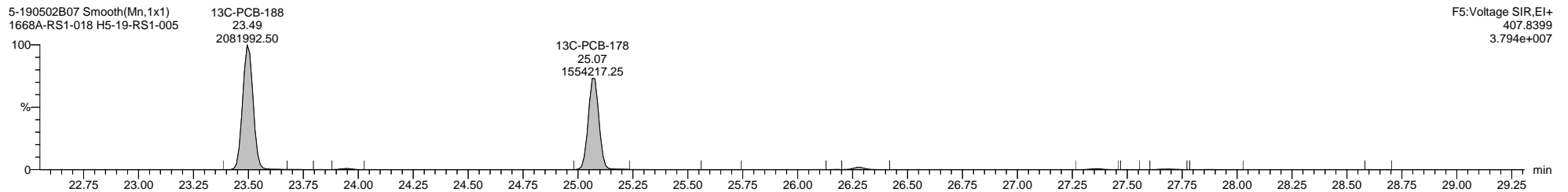
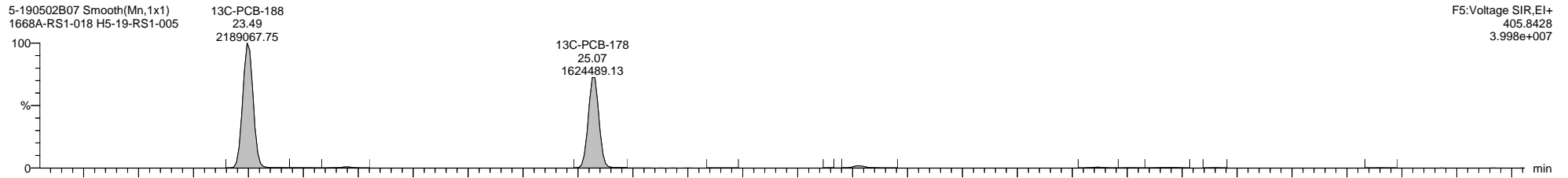
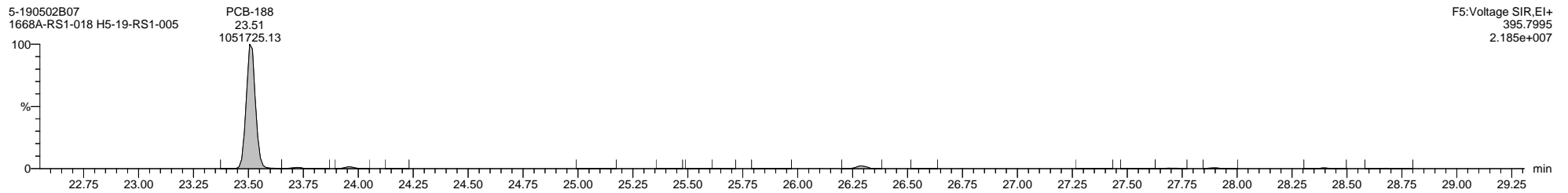
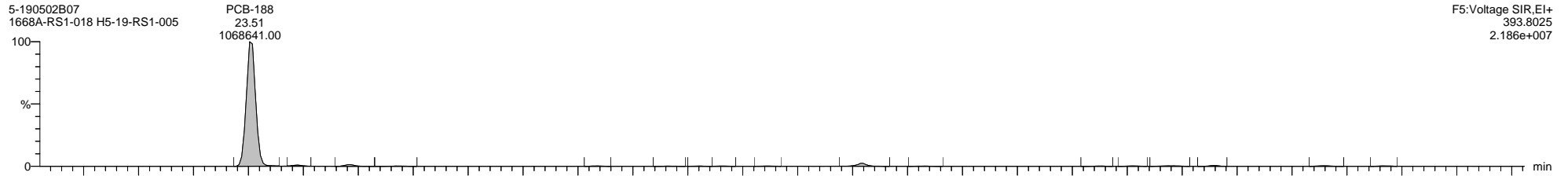


Quantify Sample Template Report MassLynx MassLynx V4.1 SCN 901

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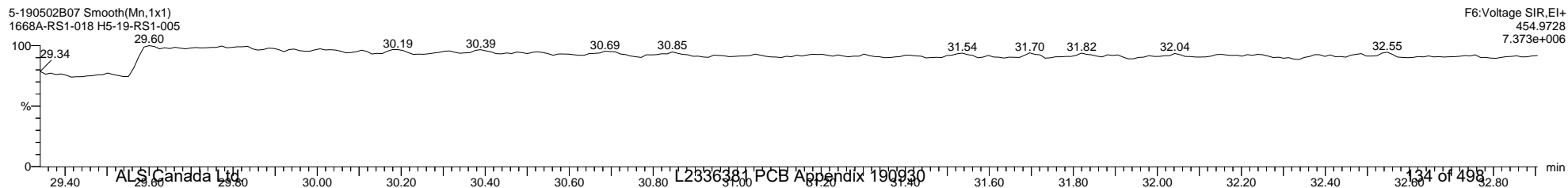
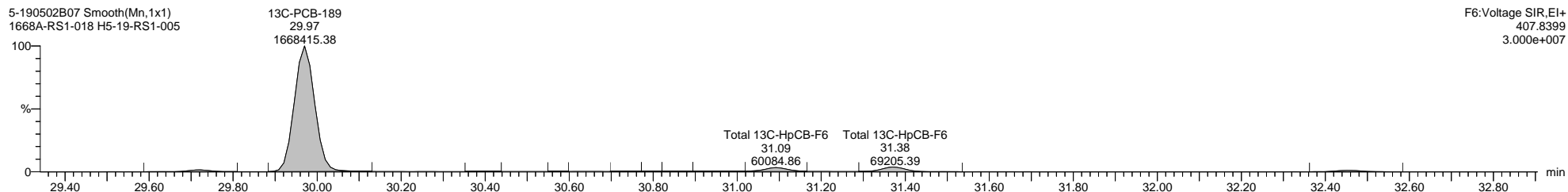
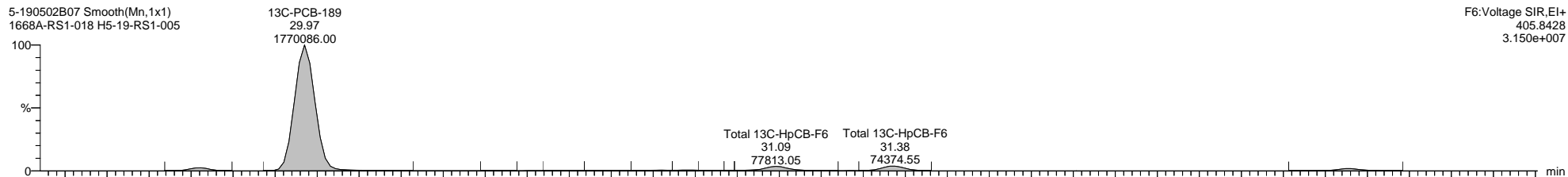
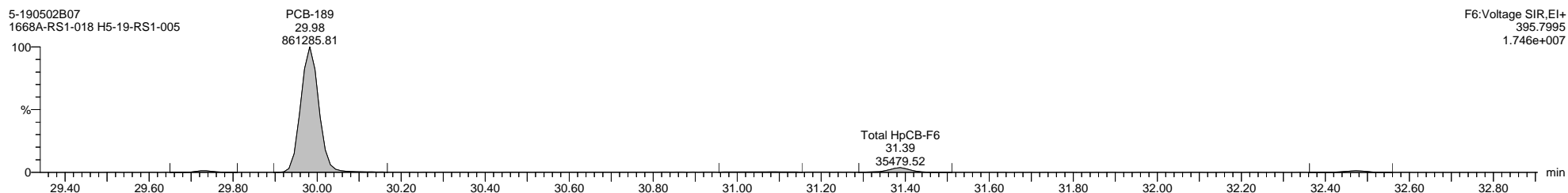
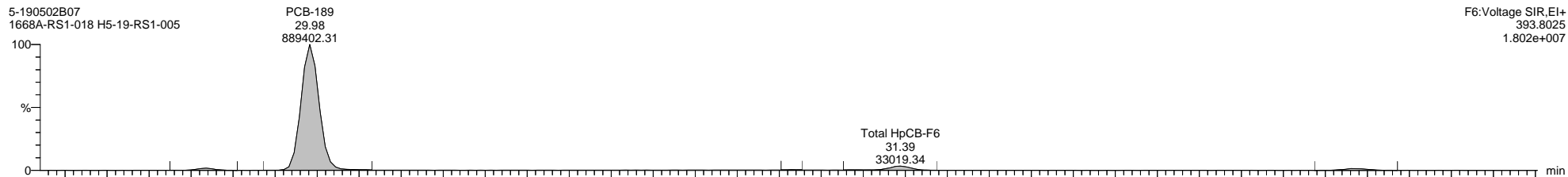
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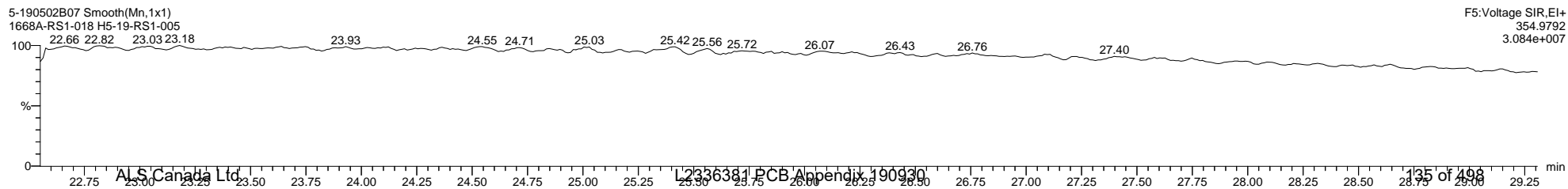
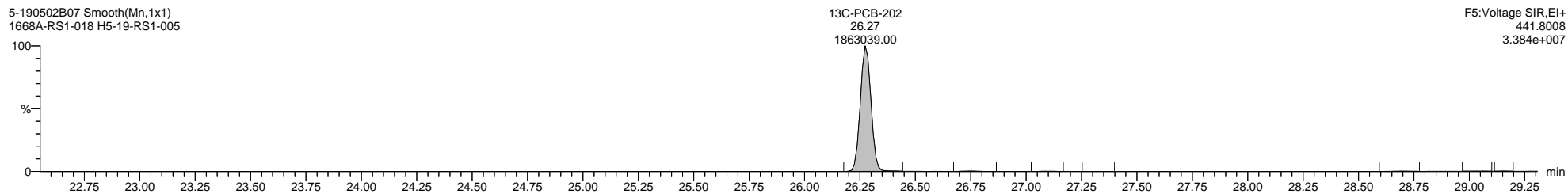
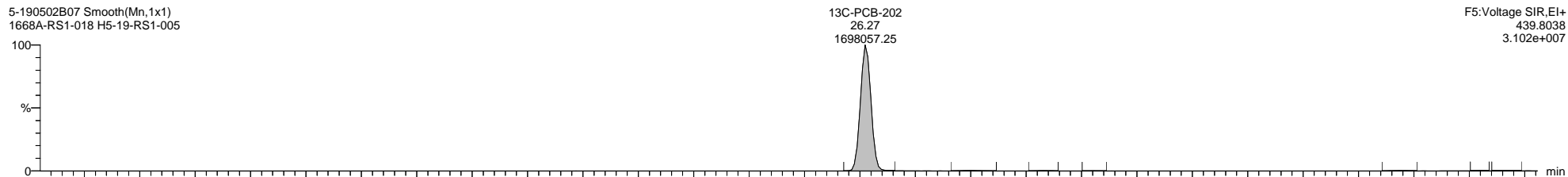
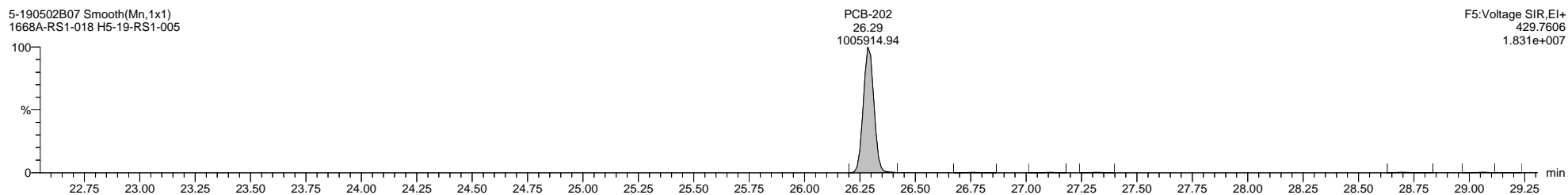
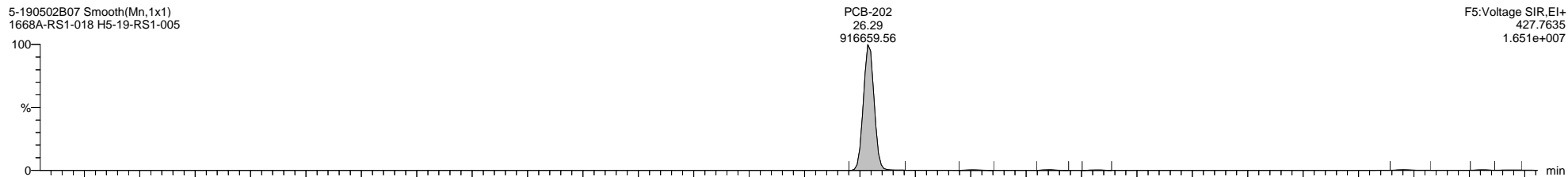
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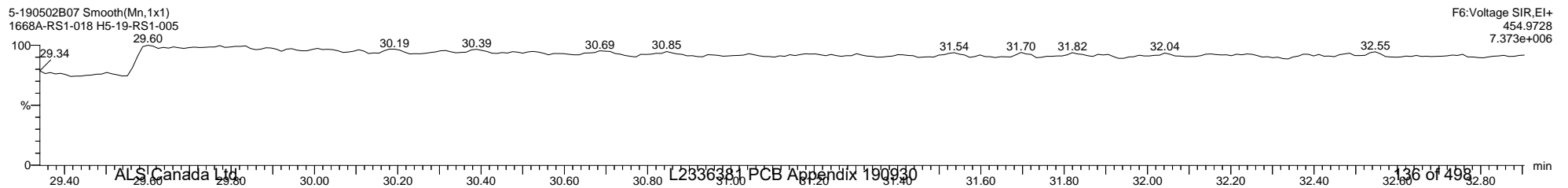
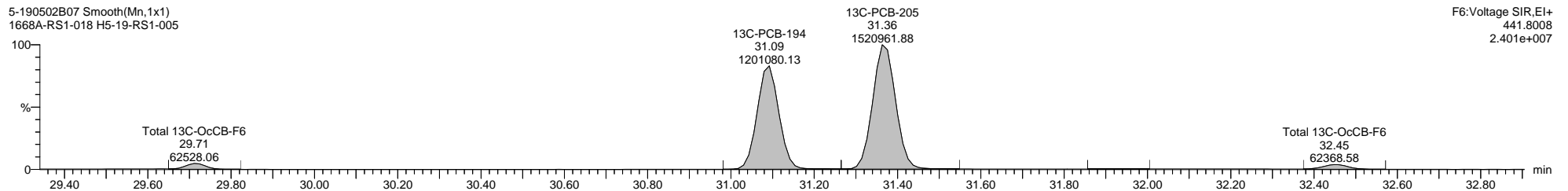
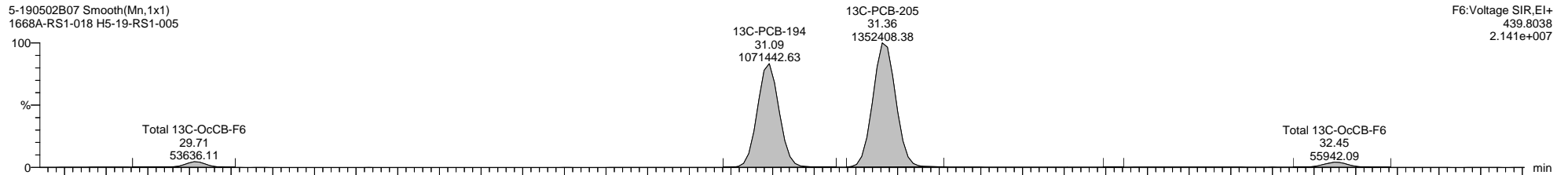
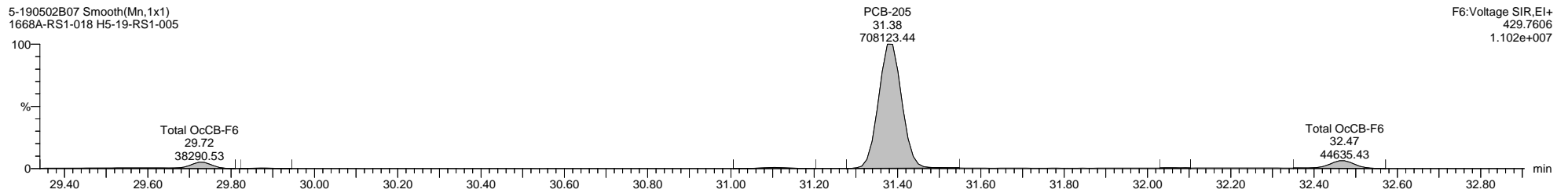
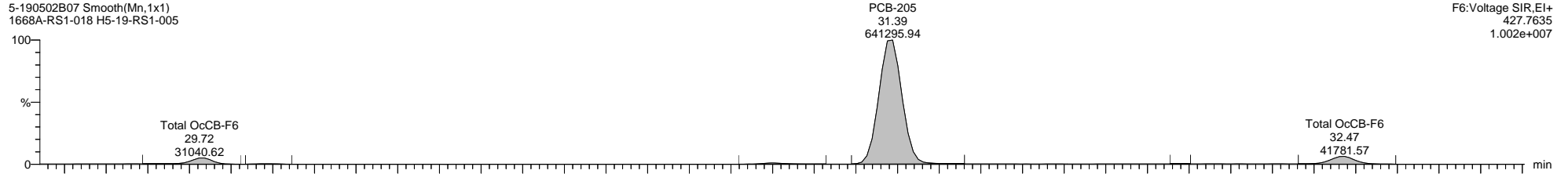
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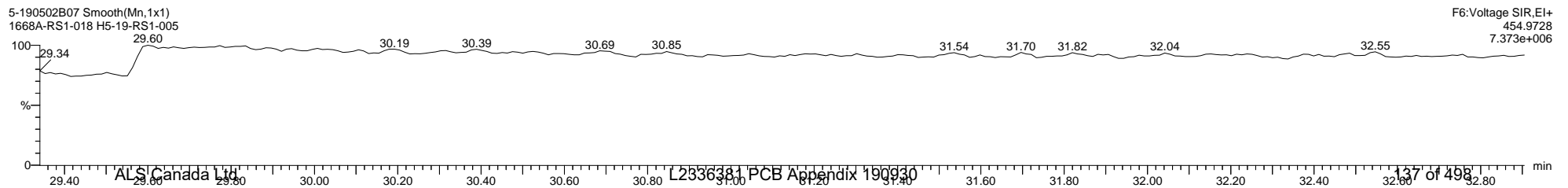
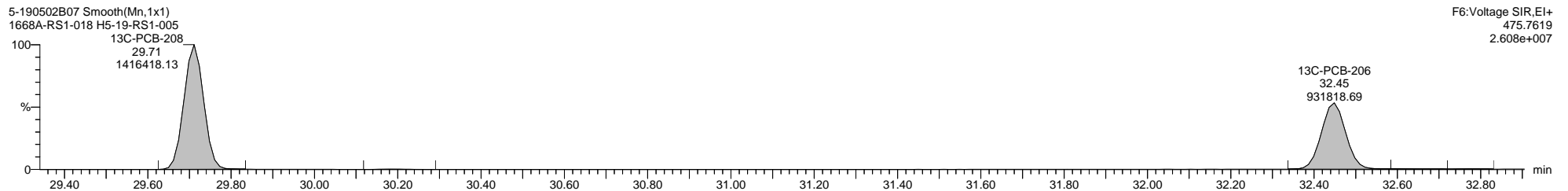
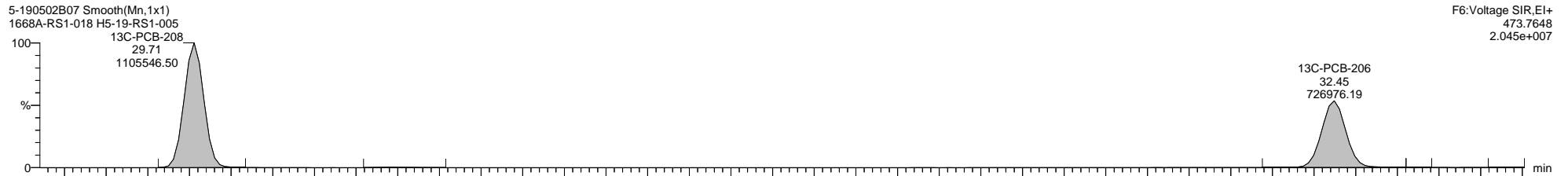
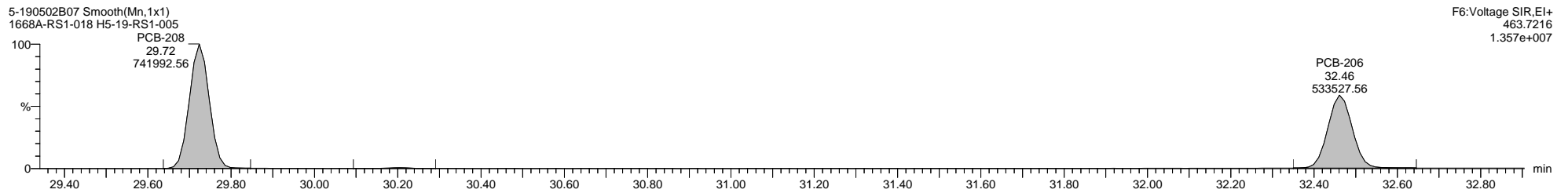
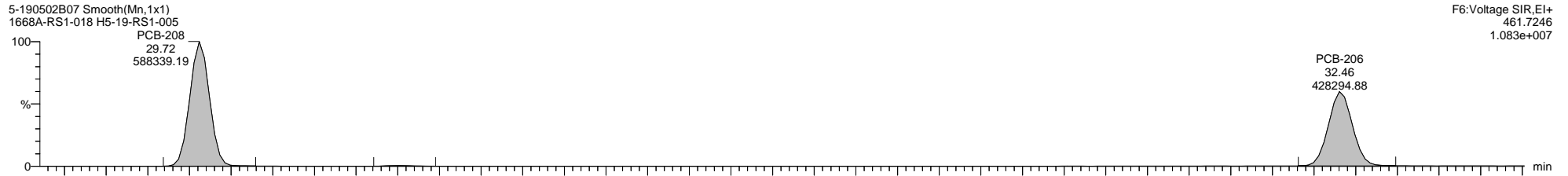
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Quantify Sample Template Report

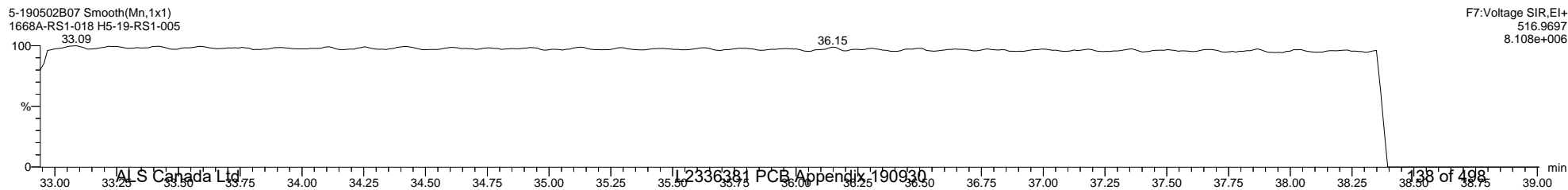
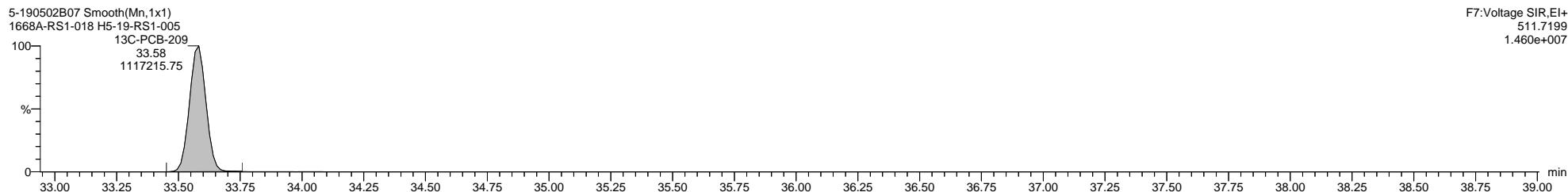
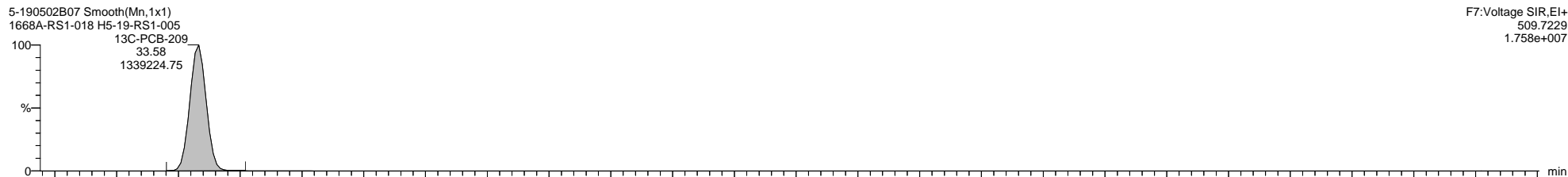
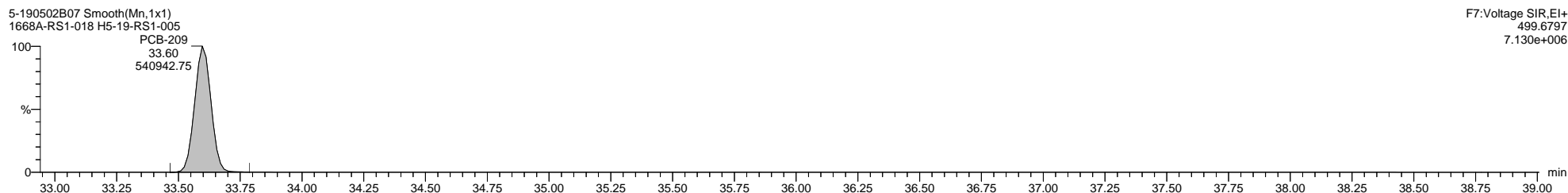
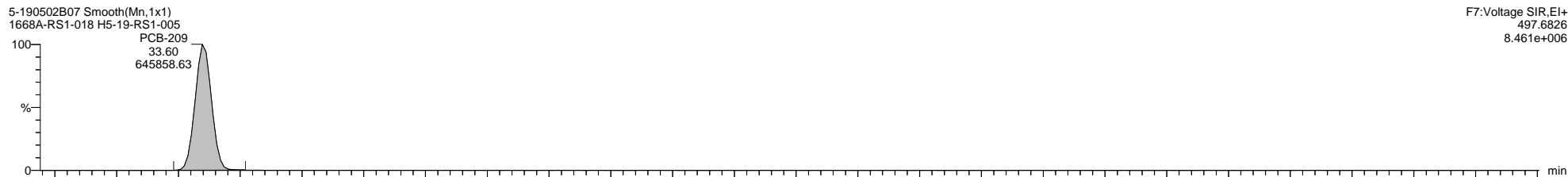
MassLynx MassLynx V4.1 SCN 901

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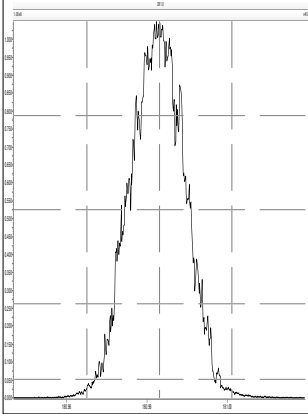
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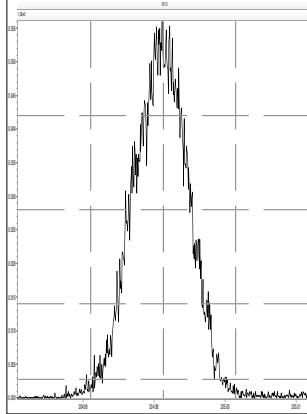
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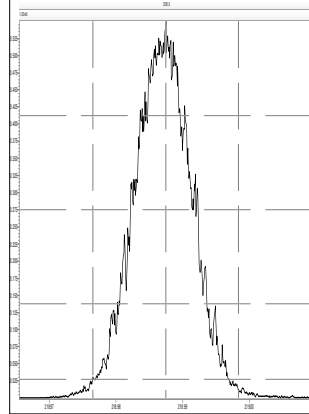
M 180.9888 R 12191



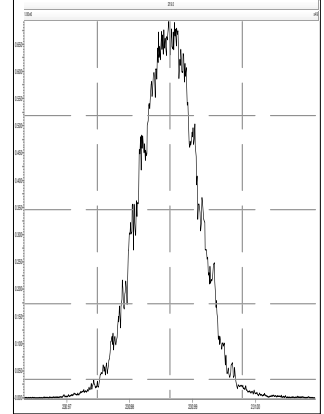
M 204.9888 R 12194



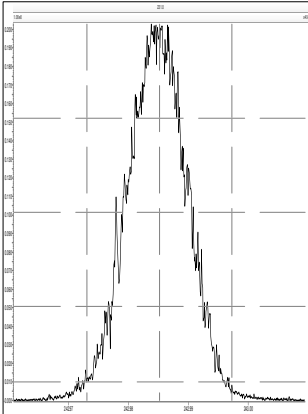
M 218.9856 R 10684



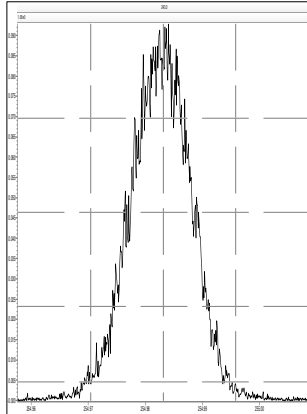
M 230.9856 R 10728



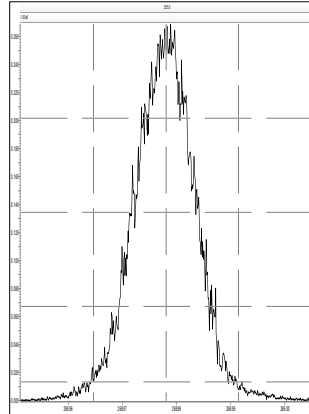
M 242.9856 R 10372



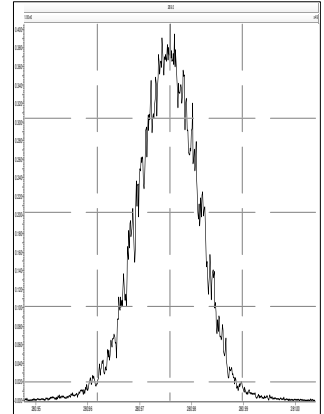
M 254.9856 R 11111



M 268.9824 R 10597



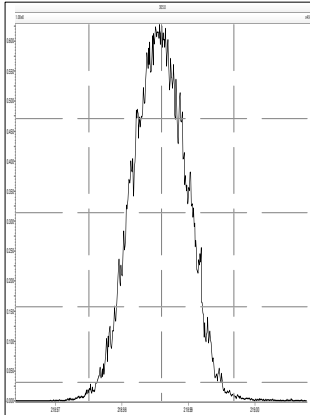
M 280.9824 R 10506



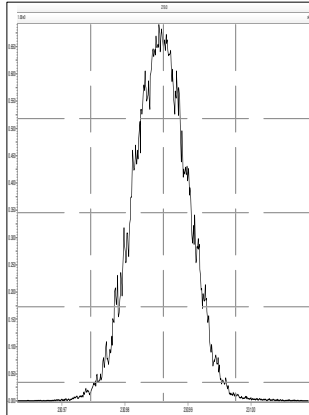
File: Experiment: 1668\_octyl\_1.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Thursday, May 02, 2019 12:02:11 Eastern Daylight Time

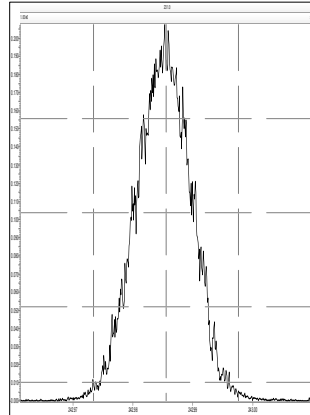
M 218.9856 R 11517



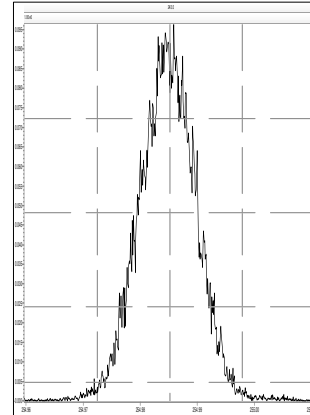
M 230.9856 R 11626



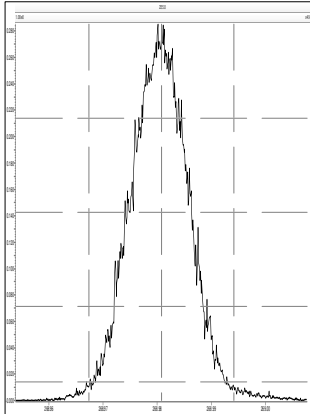
M 242.9856 R 11520



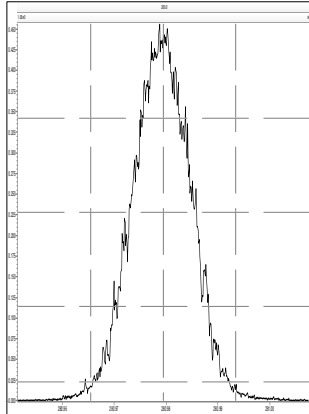
M 254.9856 R 11521



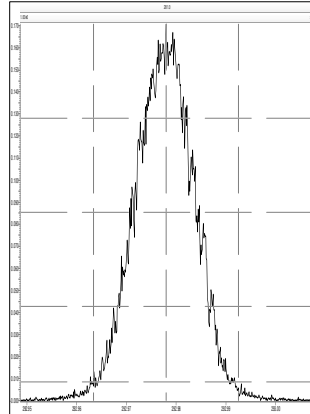
M 268.9824 R 11060



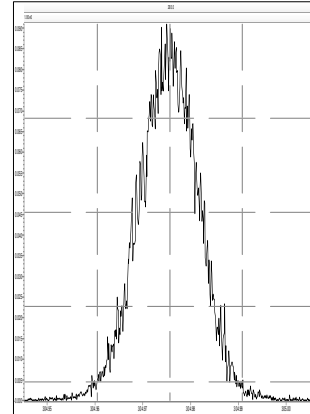
M 280.9824 R 10640



M 292.9824 R 10593



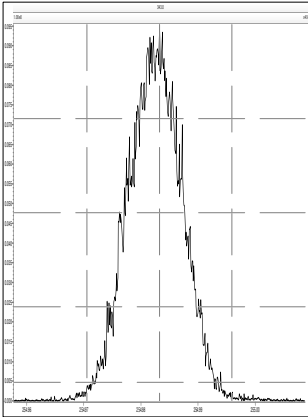
M 304.9824 R 10371



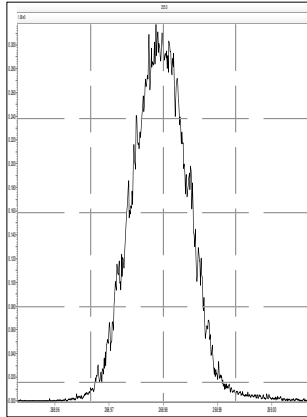
File: Experiment: 1668\_octyl\_1.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Thursday, May 02, 2019 12:02:29 Eastern Daylight Time

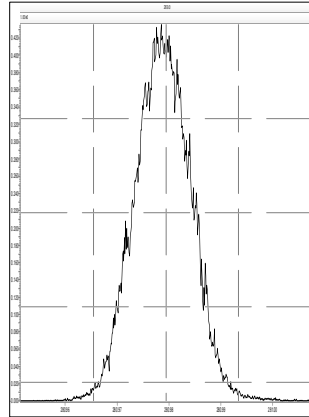
M 254.9856 R 11962



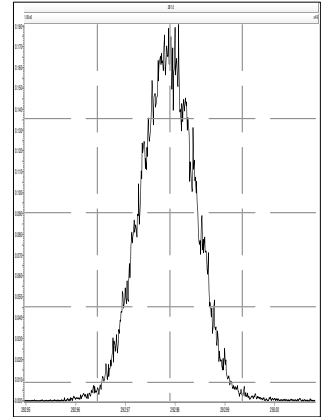
M 268.9824 R 11362



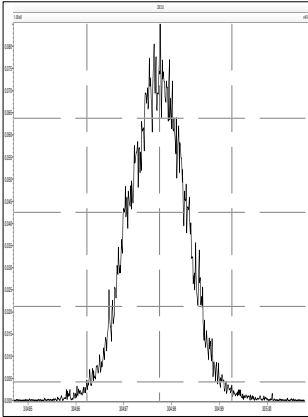
M 280.9824 R 11470



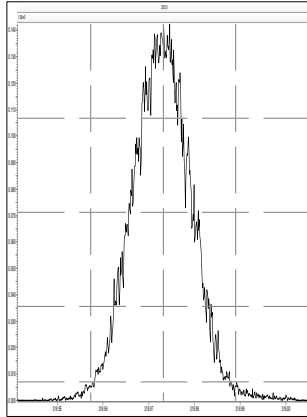
M 292.9824 R 11363



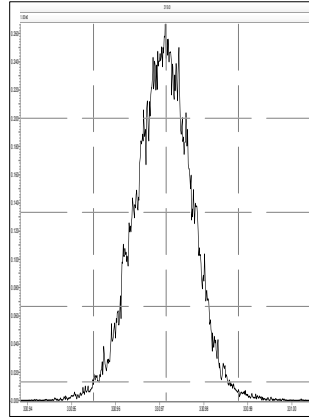
M 304.9824 R 11017



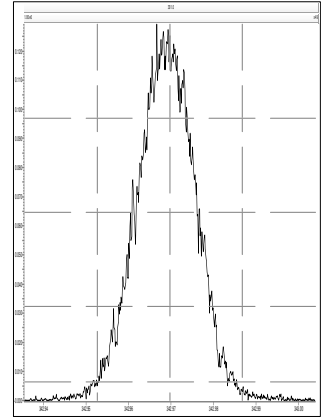
M 318.9792 R 10778



M 330.9792 R 10822



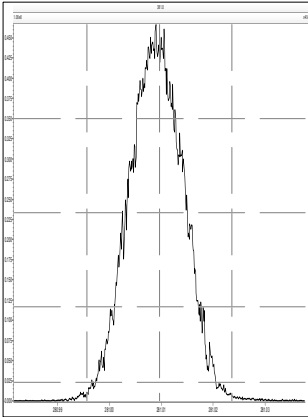
M 342.9792 R 11209



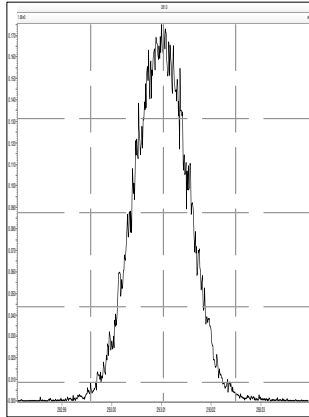
File: Experiment: 1668\_octyl\_1.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Thursday, May 02, 2019 12:02:54 Eastern Daylight Time

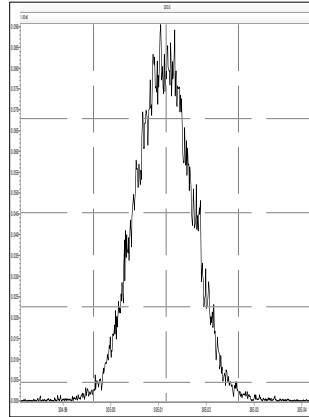
M 280.9824 R 12023



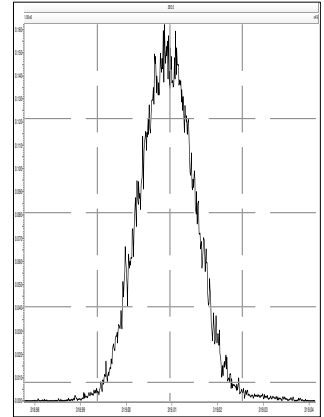
M 292.9824 R 11569



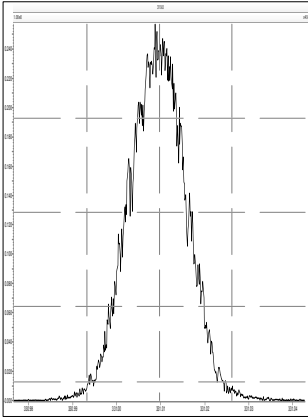
M 304.9824 R 11260



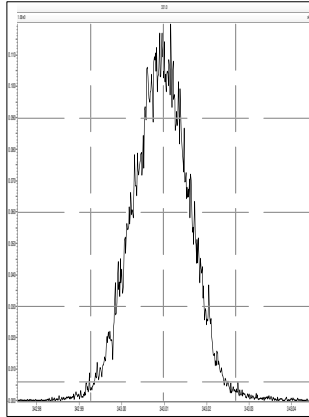
M 318.9792 R 11466



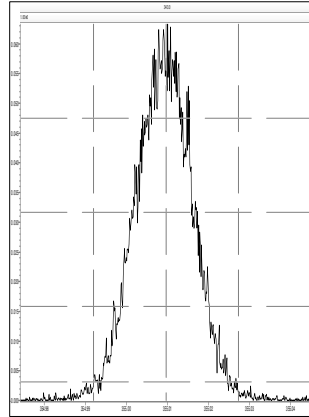
M 330.9792 R 11262



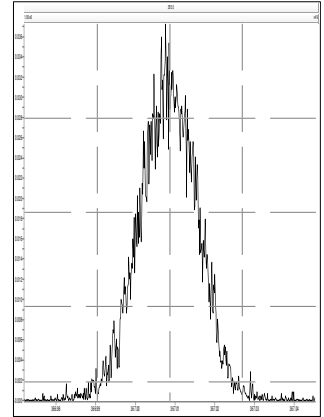
M 342.9792 R 11160



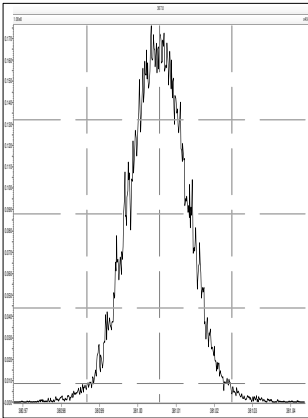
M 354.9792 R 11518



M 366.9792 R 10823



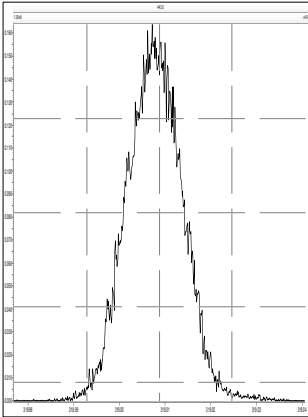
M 380.9760 R 11061



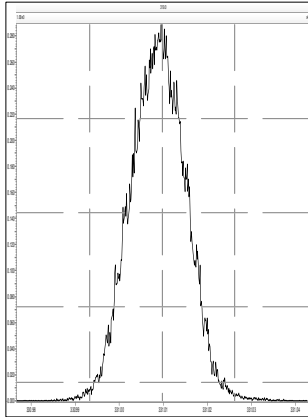
File: Experiment: 1668\_octyl\_1.exp Reference: Pfk.ref Function: 5 @ 200 (ppm)

Printed: Thursday, May 02, 2019 12:03:17 Eastern Daylight Time

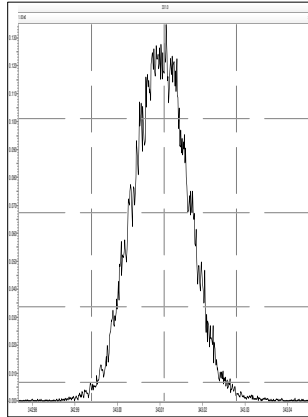
M 318.9792 R 11735



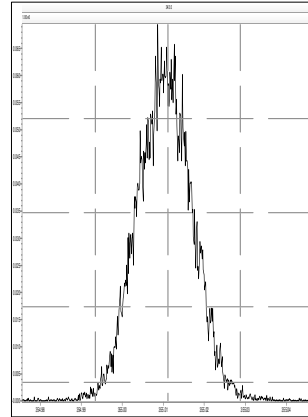
M 330.9792 R 11522



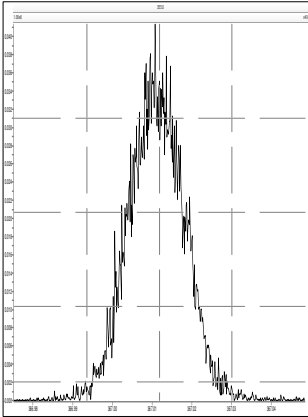
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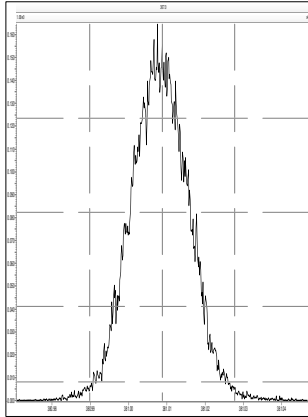
M 354.9792 R 12017



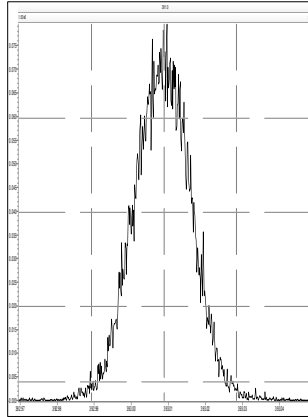
M 366.9792 R 11629



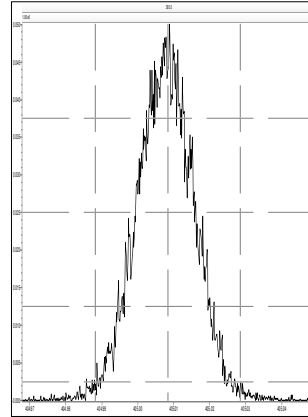
M 380.9760 R 10593



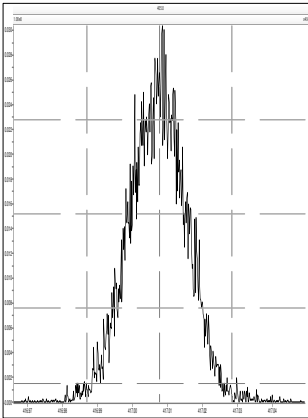
M 392.9760 R 11310



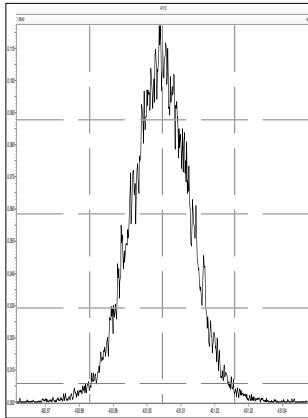
M 404.9760 R 11629



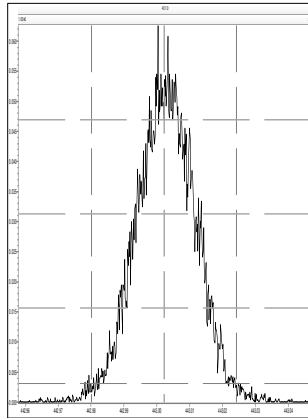
M 416.9760 R 11214



M 430.9728 R 10640



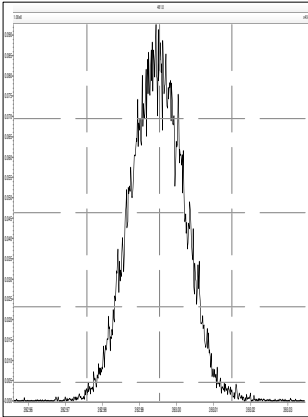
M 442.9728 R 10870



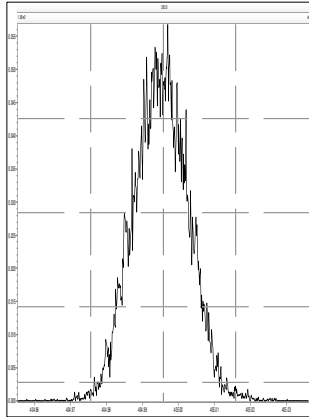
File: Experiment: 1668\_octyl\_1.exp Reference: Pfk.ref Function: 6 @ 200 (ppm)

Printed: Thursday, May 02, 2019 12:03:41 Eastern Daylight Time

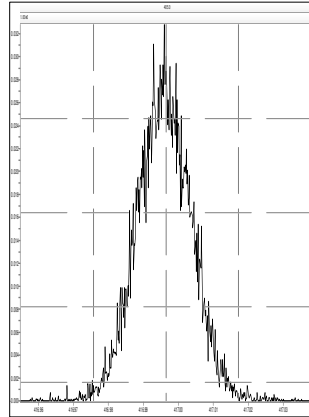
M 392.9760 R 12133



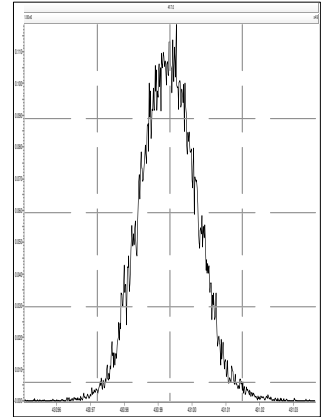
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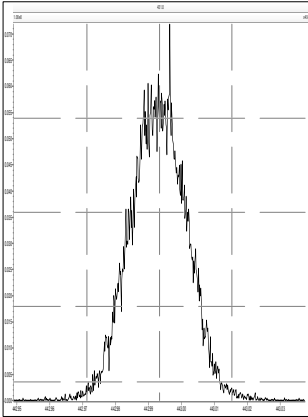
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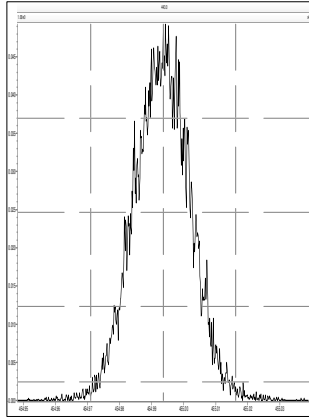
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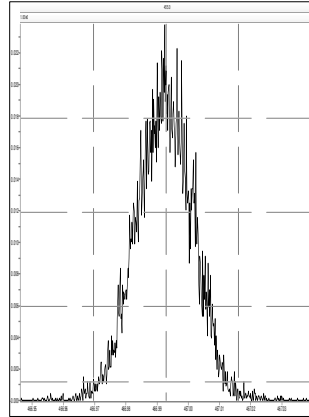
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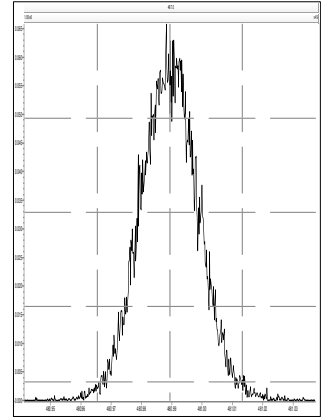
M 454.9728 R 11847



M 466.9728 R 12497



M 480.9696 R 11364

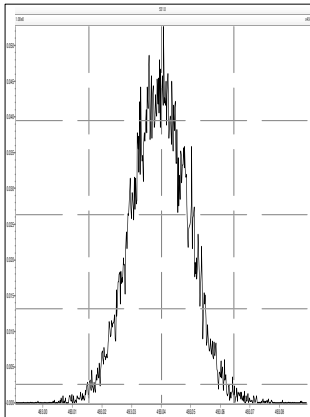




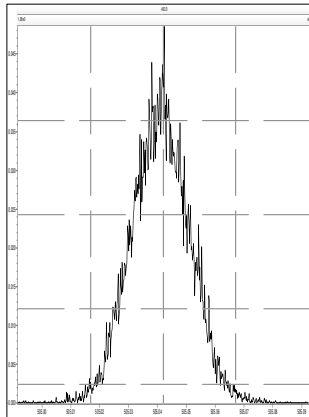
File: Experiment: 1668\_octyl\_1.exp Reference: Pfk.ref Function: 7 @ 200 (ppm)

Printed: Thursday, May 02, 2019 12:03:57 Eastern Daylight Time

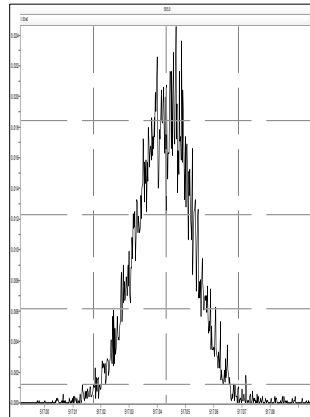
M 492.9696 R 11848



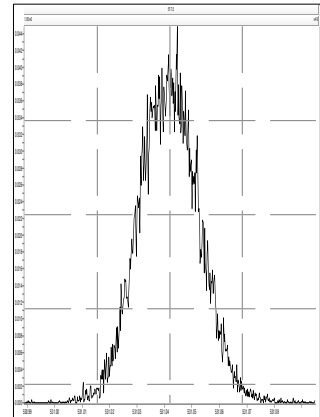
M 504.9696 R 11160



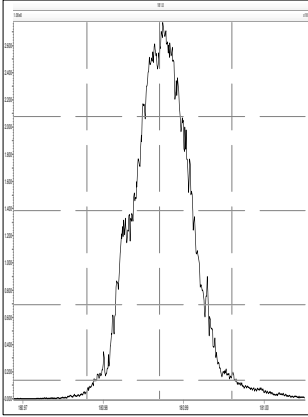
M 516.9697 R 11057



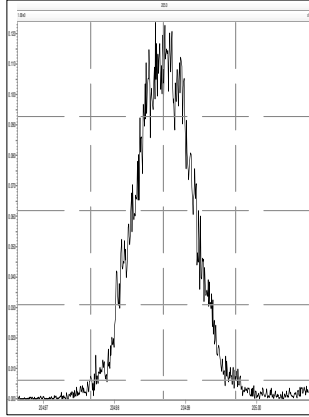
M 530.9664 R 11262



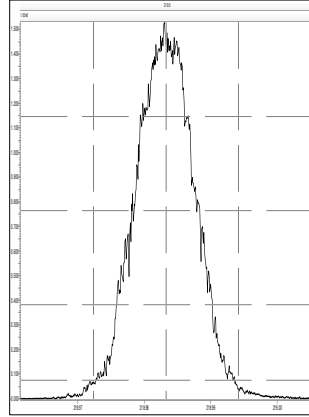
M 180.9888 R 10352



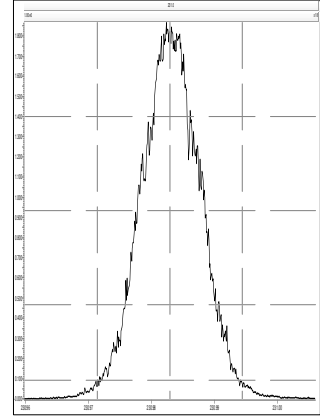
M 204.9888 R 11495



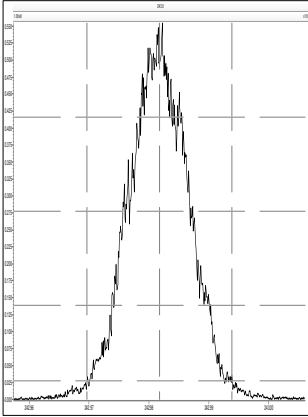
M 218.9856 R 10760



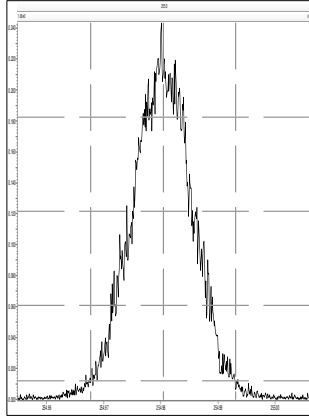
M 230.9856 R 10782



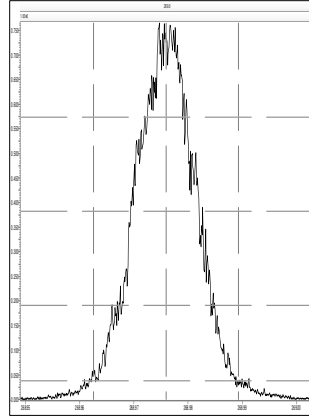
M 242.9856 R 10661



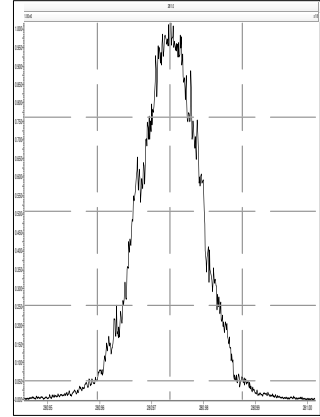
M 254.9856 R 10063



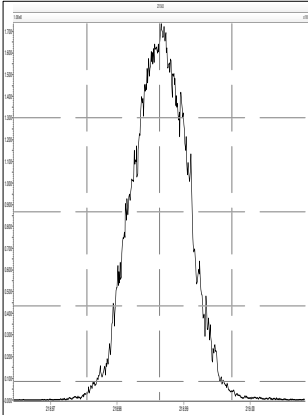
M 268.9824 R 10352



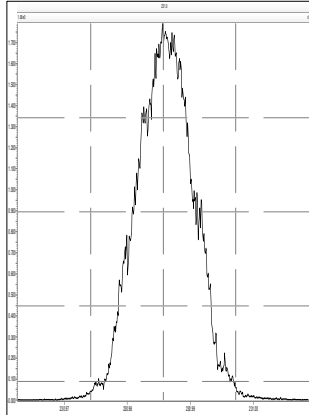
M 280.9824 R 10104



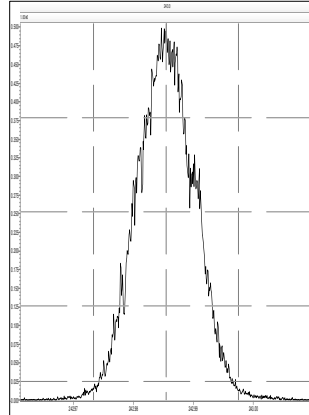
M 218.9856 R 11794



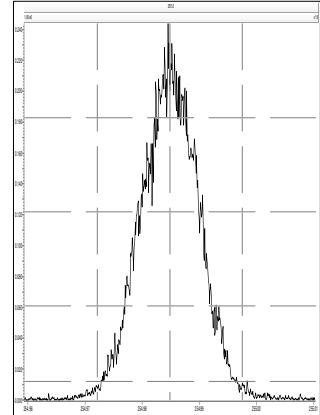
M 230.9856 R 11338



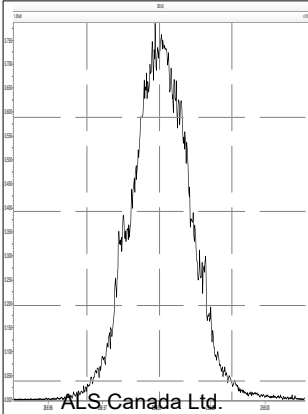
M 242.9856 R 11111



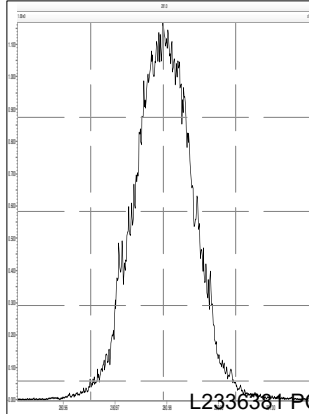
M 254.9856 R 10778



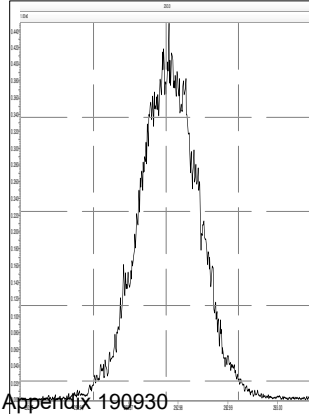
M 268.9824 R 10798



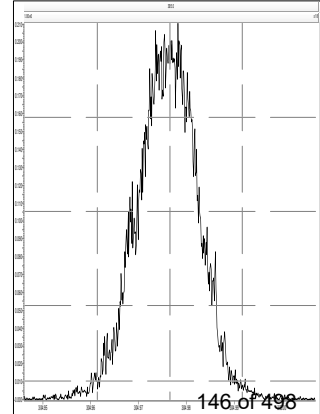
M 280.9824 R 10563



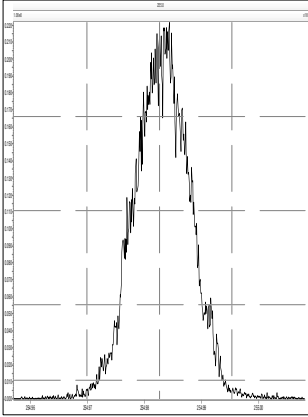
M 292.9824 R 10245



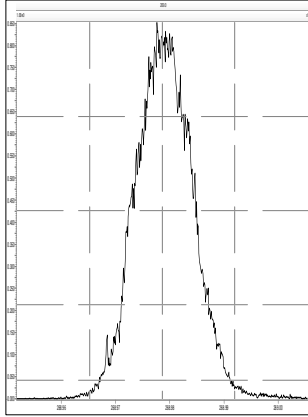
M 304.9824 R 11135



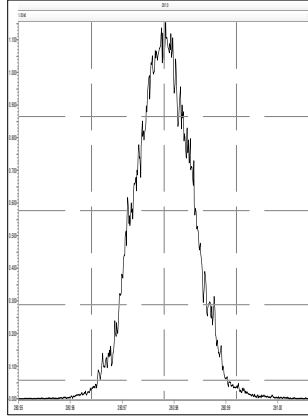
M 254.9856 R 11765



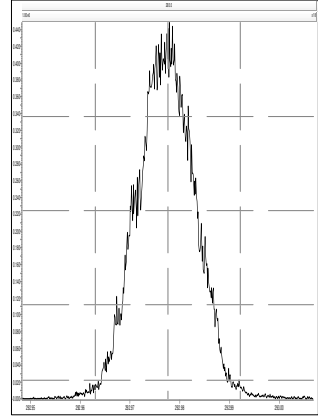
M 268.9824 R 11185



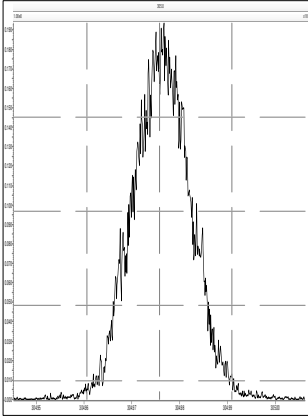
M 280.9824 R 11185



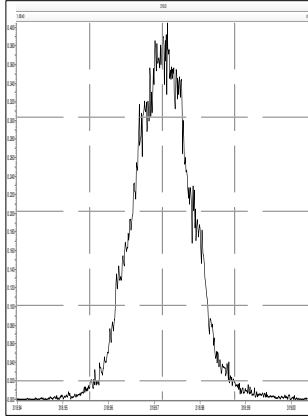
M 292.9824 R 11417



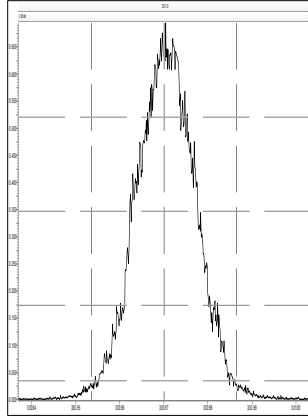
M 304.9824 R 11342



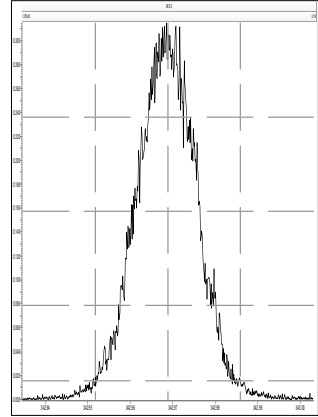
M 318.9792 R 11016



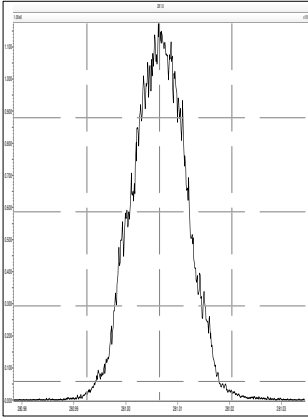
M 330.9792 R 11014



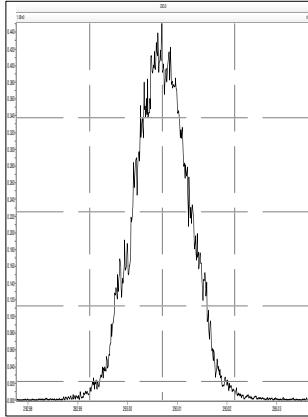
M 342.9792 R 10799



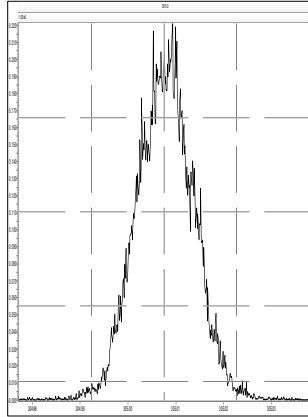
M 280.9824 R 11848



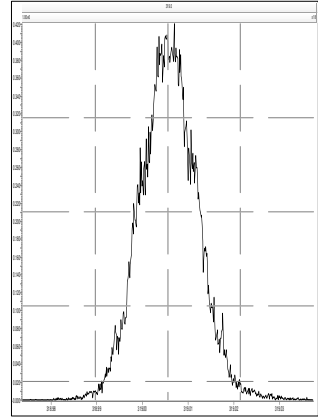
M 292.9824 R 11662



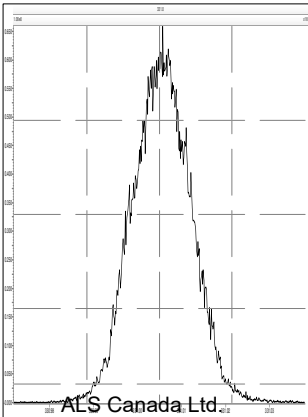
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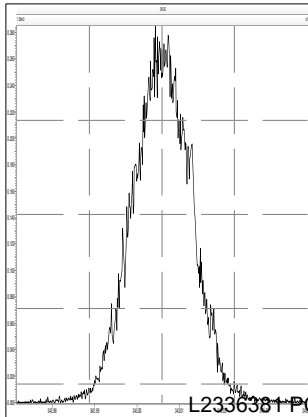
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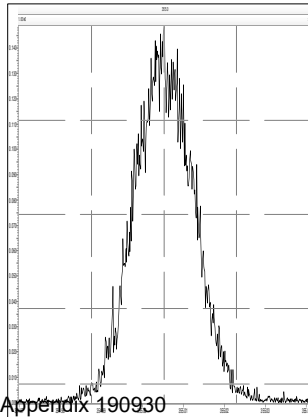
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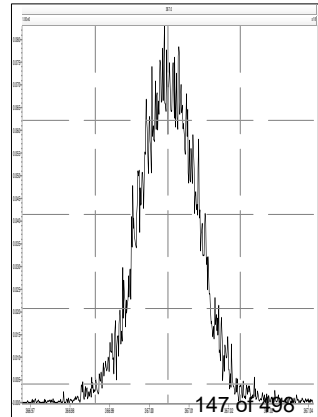
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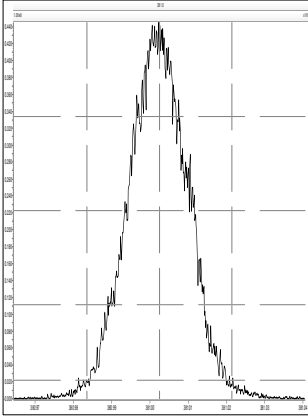
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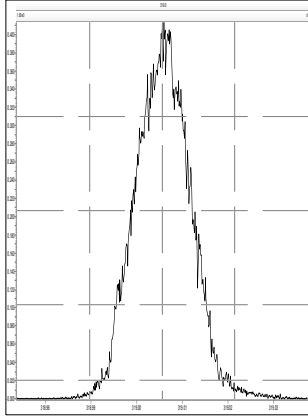
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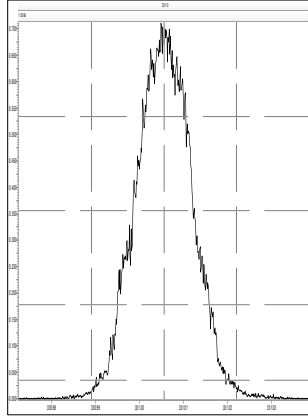
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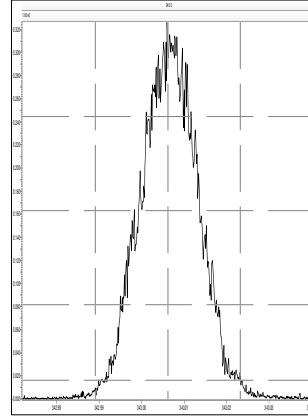
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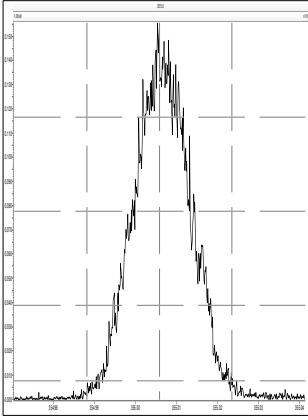
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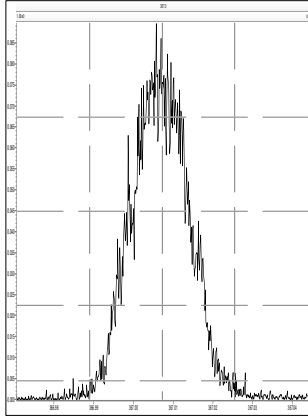
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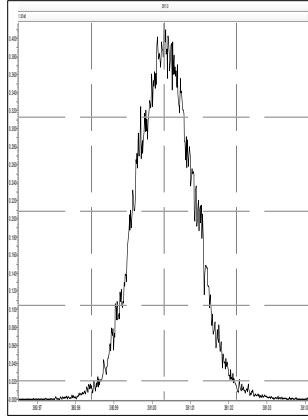
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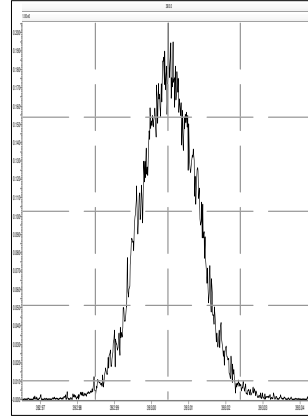
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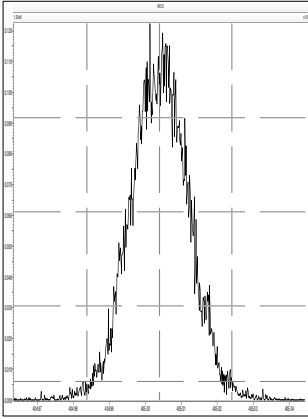
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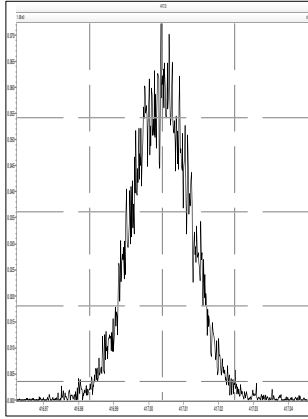
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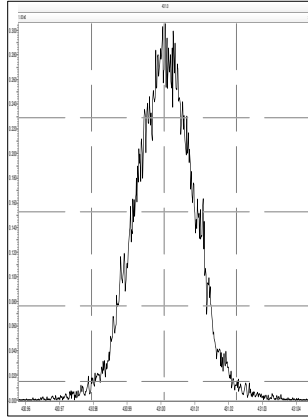
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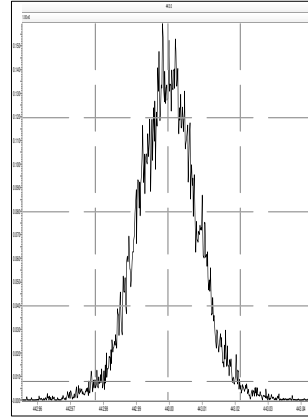
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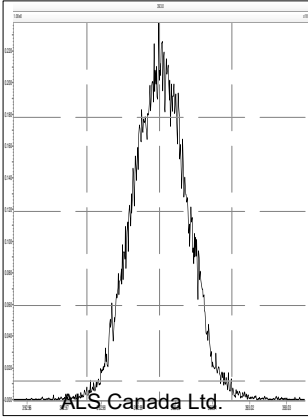
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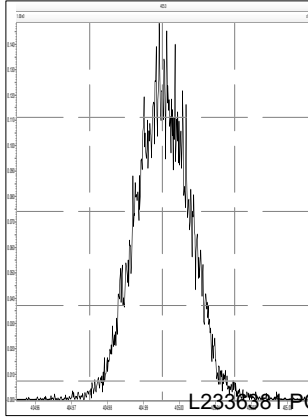
M 442.9728 R 11065



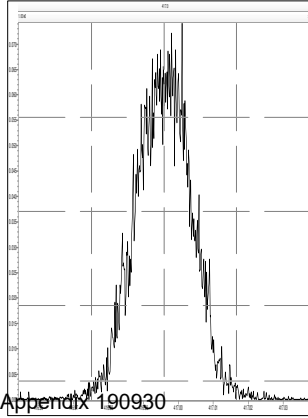
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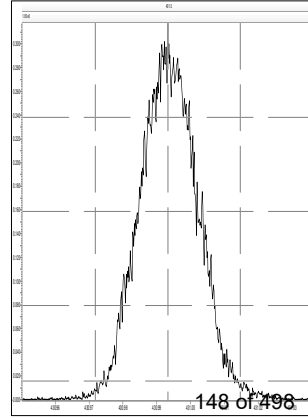
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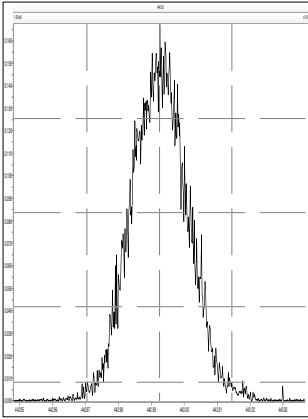
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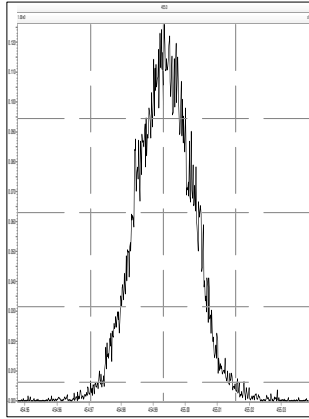
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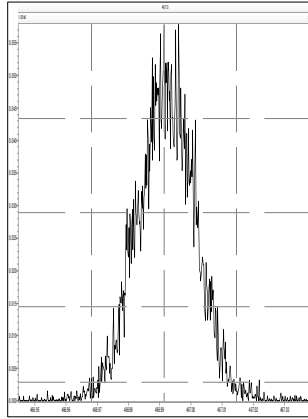
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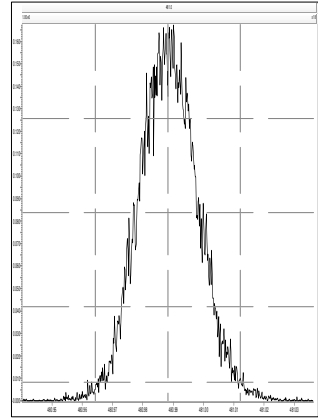
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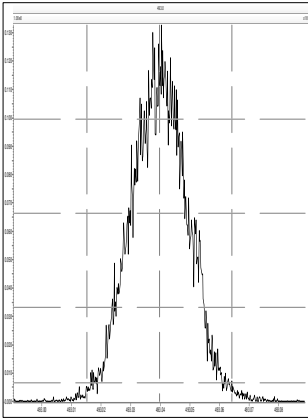
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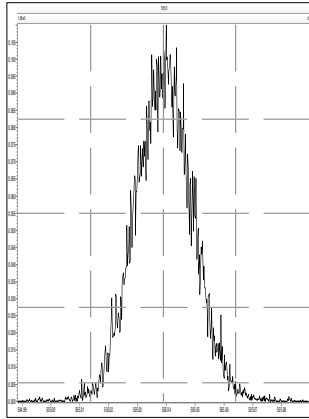
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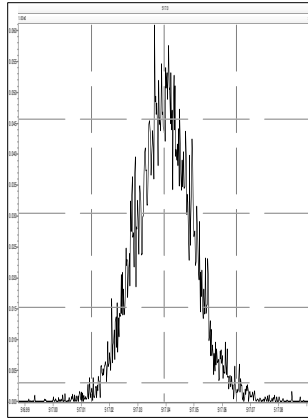
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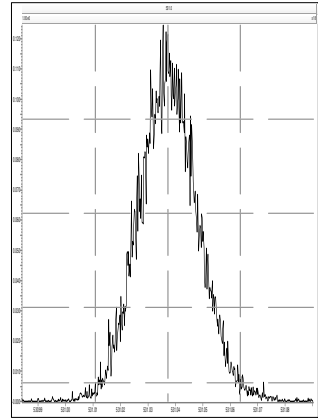
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M 516.9697 R 11720

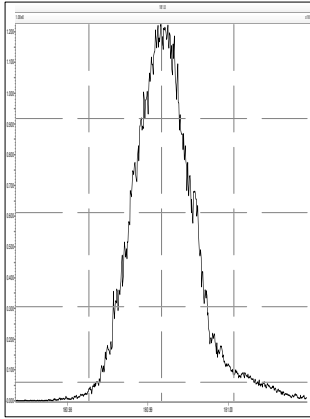


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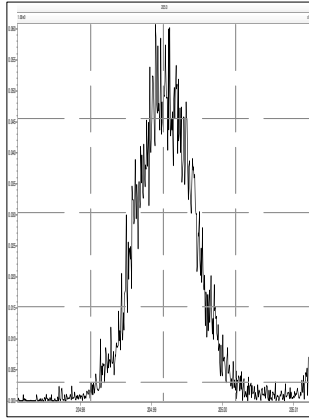


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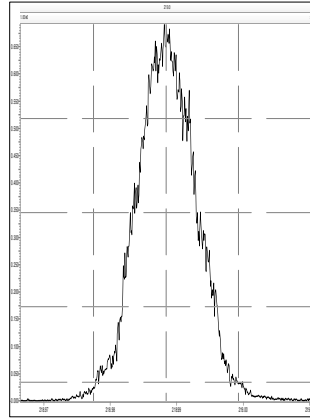
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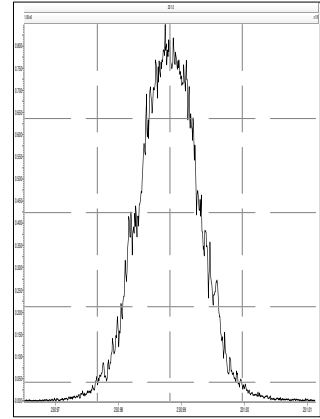
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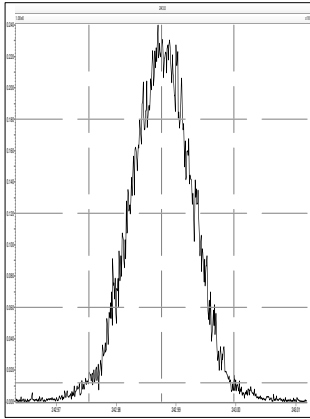
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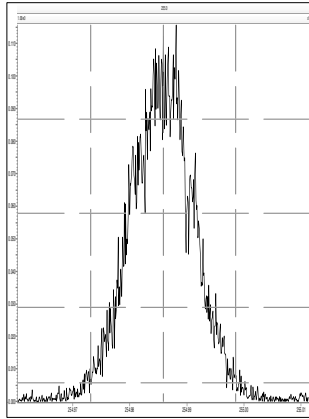
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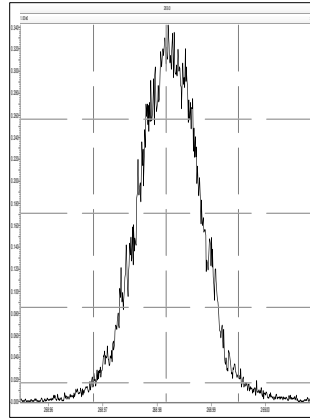
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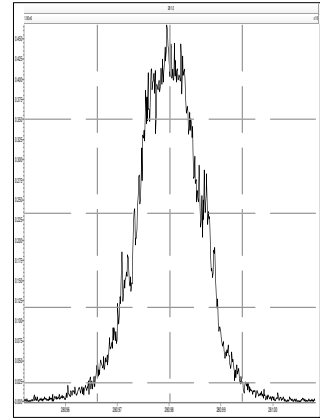
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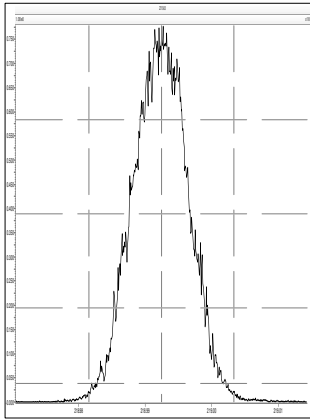
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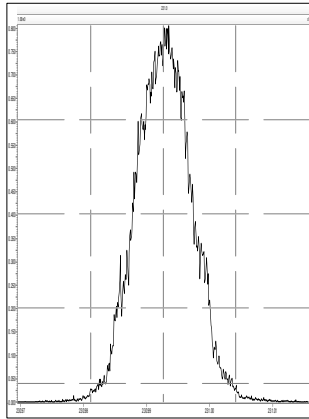
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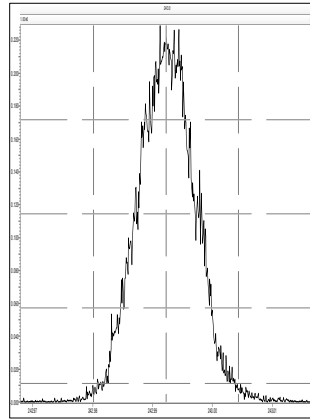
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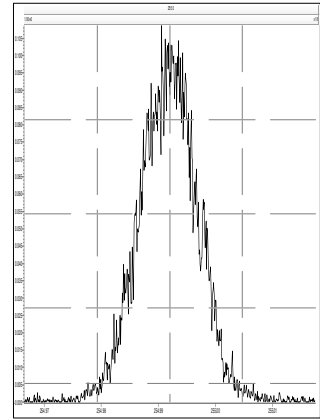
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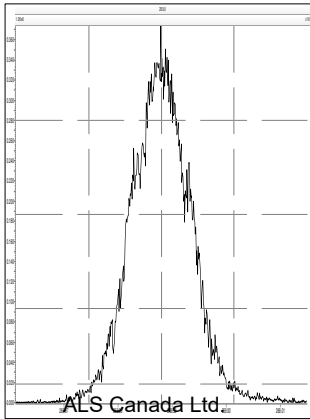
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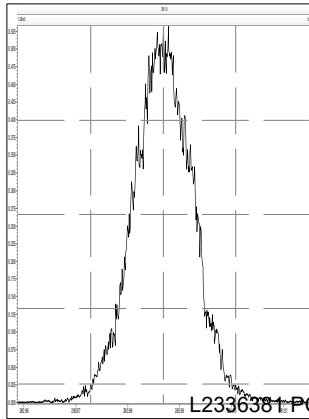
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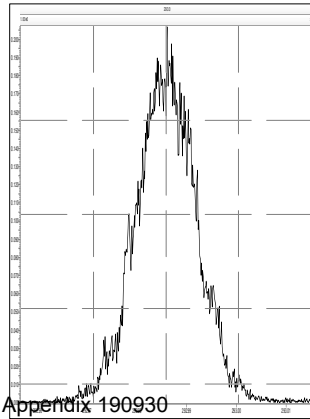
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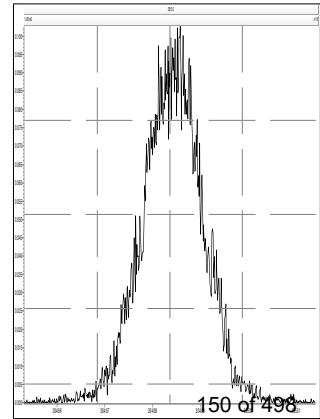
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M 292.9824 R 10571

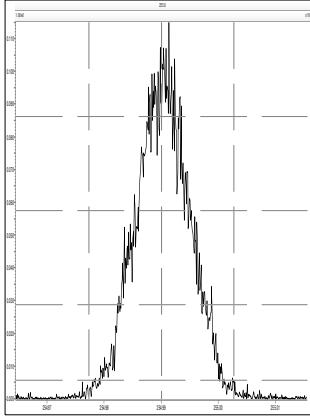


M 304.9824 R 11421

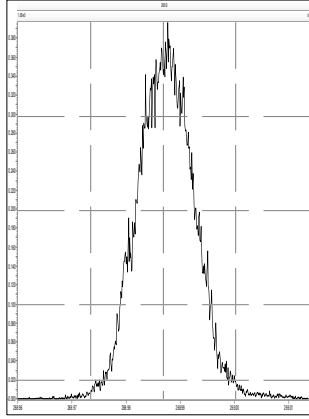


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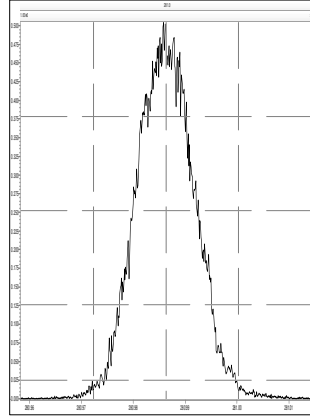
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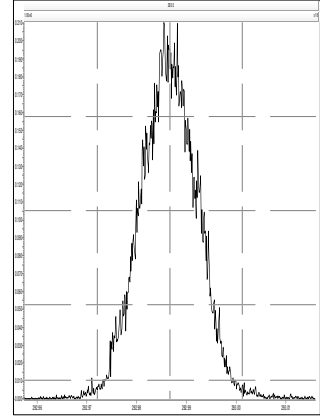
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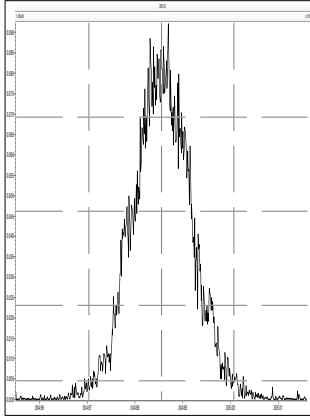
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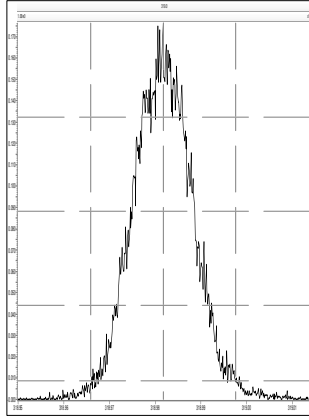
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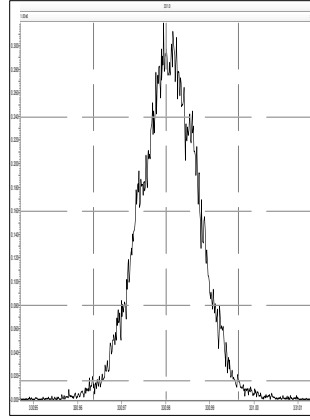
M 304.9824 R 11189



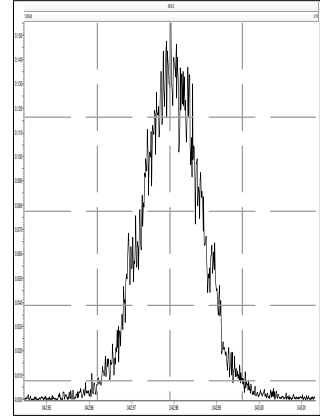
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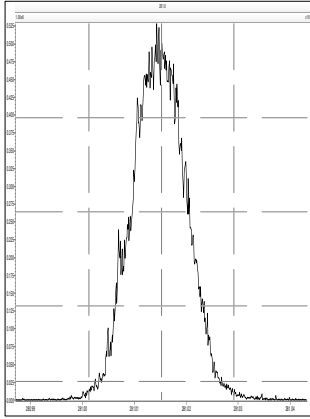
M 330.9792 R 10775



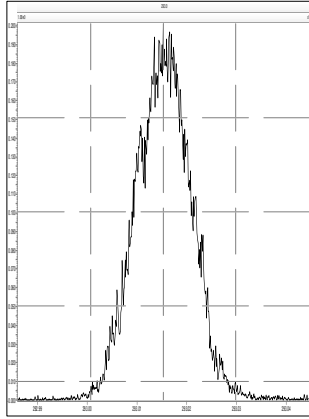
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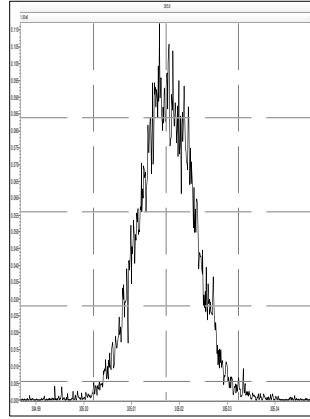
M 280.9824 R 11769



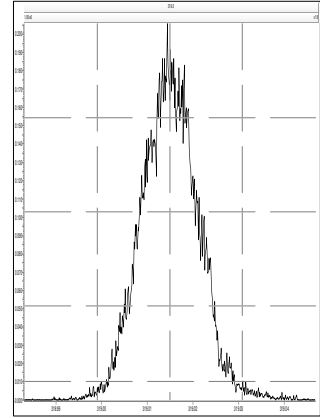
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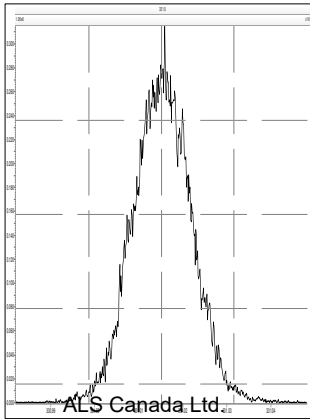
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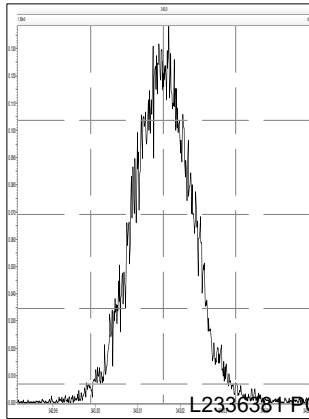
M 318.9792 R 11389



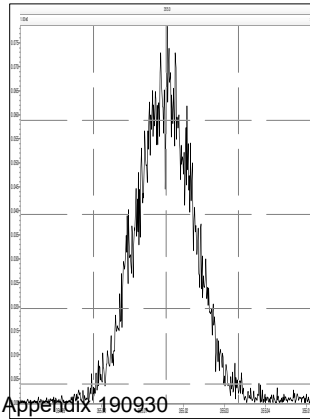
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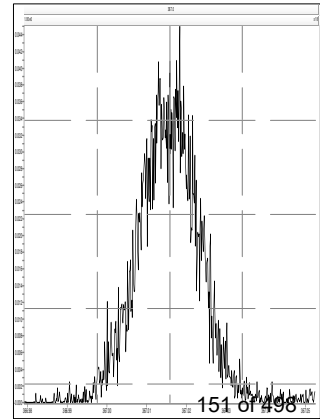
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M 354.9792 R 11215

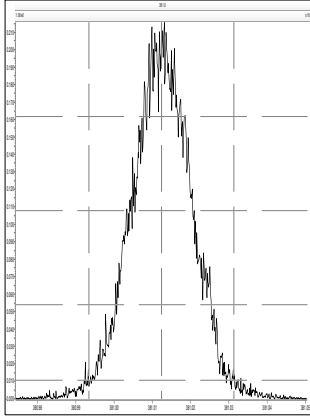


M 366.9792 R 11363

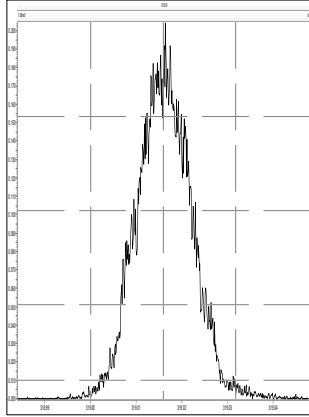


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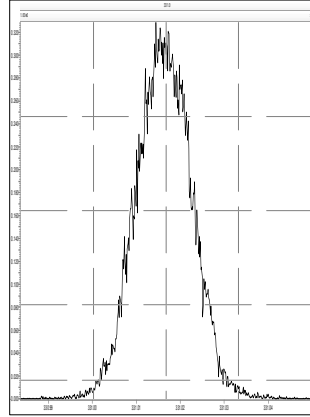
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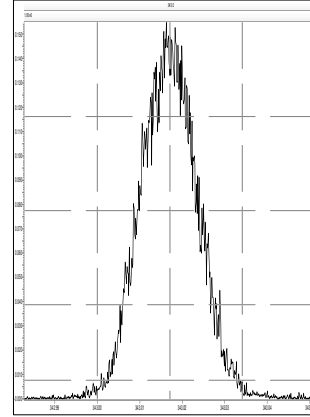
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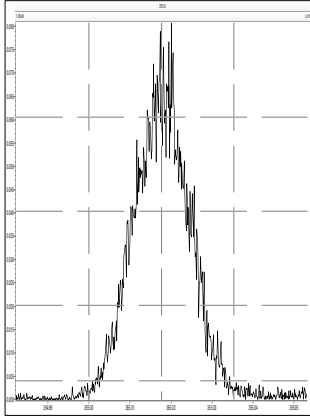
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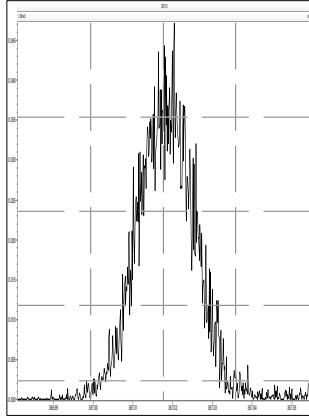
M 342.9792 R 11522



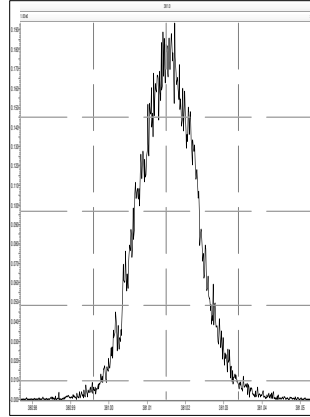
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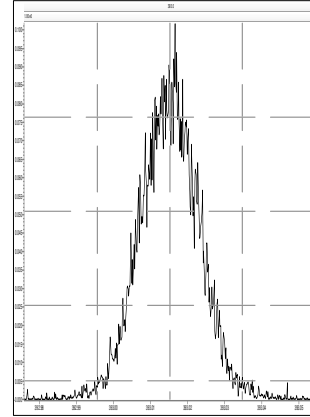
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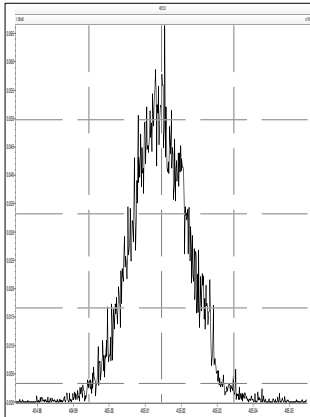
M 380.9760 R 10925



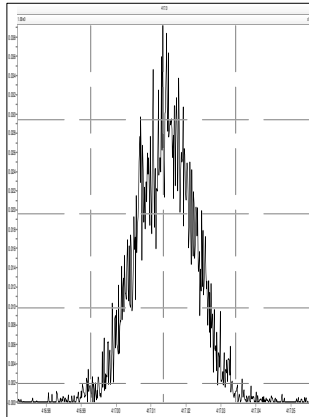
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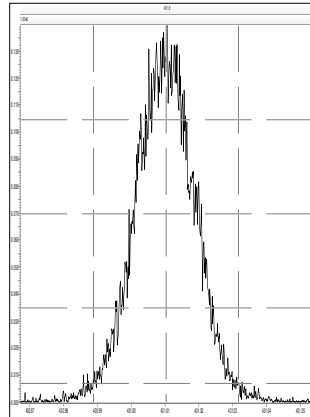
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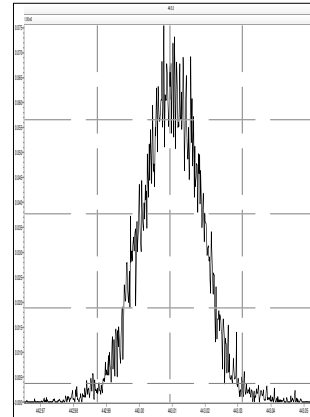
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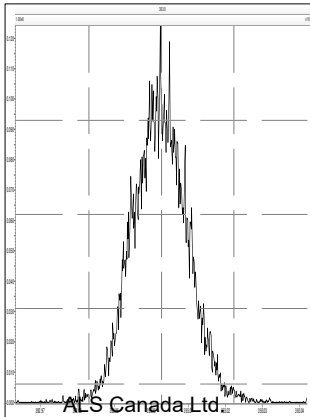
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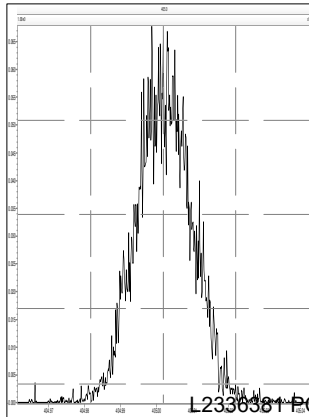
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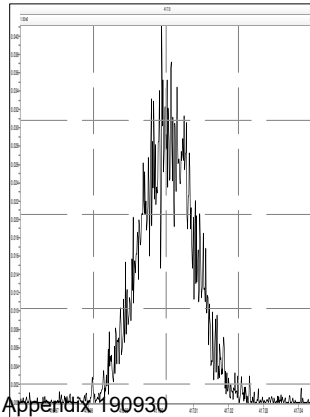
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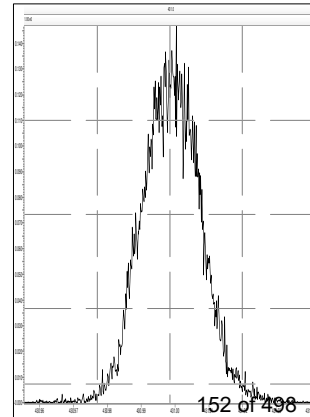
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M 416.9760 R 12348



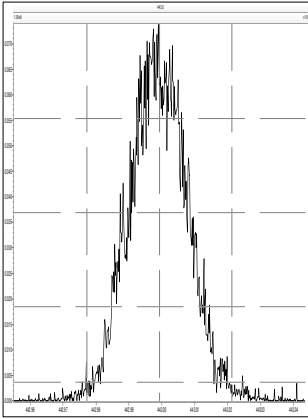
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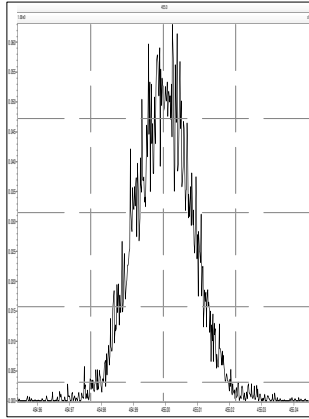


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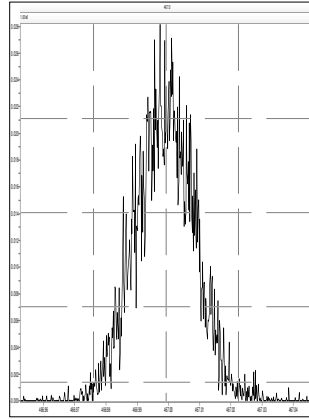
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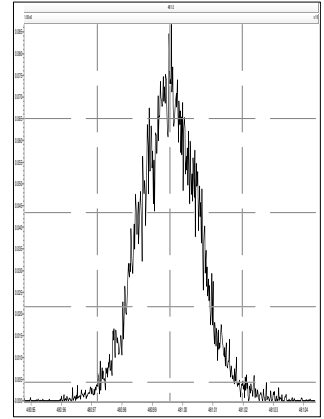
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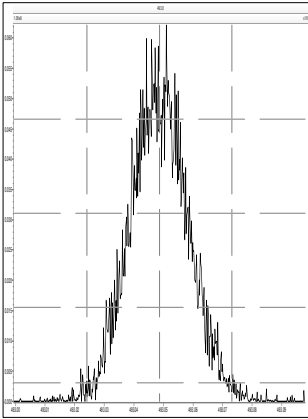
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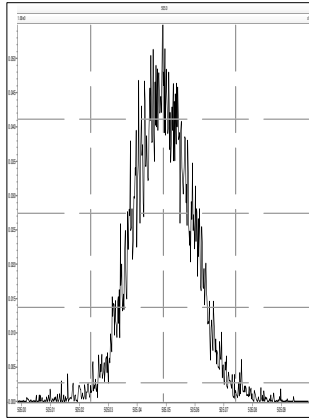
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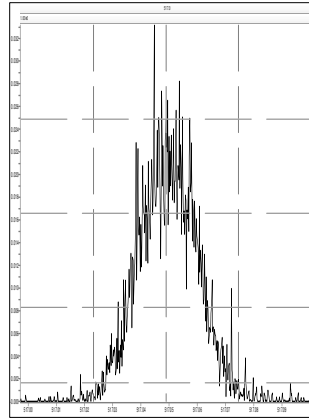
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M 504.9696 R 11665



M 516.9697 R 12617



M 530.9664 R 11198

