

# 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\Sampledb\5-200219A-RUN.SPL

Page 1 of 2

Last Modified: Thursday, February 20, 2020 10:53:56 Eastern Standard Time

Printed: Thursday, February 20, 2020 10:54:00 Eastern Standard Time

Page Position (1, 1)

	File Name	Sample ID	File Text	MS File	Inlet File	Bottle	Inject Vol
1	5-200219A01	H5-20-CS3-004	1668A-CS3-19B	1668_octyl_1	1668_octyl_1	Tray1:1	1.000000
2	5-200219A02	H5-20-CS1-004	1668A-CS1-019	1668_octyl_1	1668_octyl_1	Tray1:40	1.000000
3	5-200219A03	H5-20-CS0-004	1668A-CS0-019	1668_octyl_1	1668_octyl_1	Tray1:41	1.000000
4	5-200219A04	H5-20-CS2-004	1668A-CS2-019	1668_octyl_1	1668_octyl_1	Tray1:42	1.000000
5	5-200219A05	H5-20-CS4-004	1668A-CS5-019	1668_octyl_1	1668_octyl_1	Tray1:43	1.000000
6	5-200219A06	H5-20-CS5-004	1668A-CS4-019	1668_octyl_1	1668_octyl_1	Tray1:44	1.000000
7	5-200219A07	H5-20-RS1-004	1668A-RS1-019	1668_octyl_1	1668_octyl_1	Tray1:45	1.000000
8	5-200219A08	H5-20-RS2-004	1668A-RS2-019	1668_octyl_1	1668_octyl_1	Tray1:46	1.000000
9	5-200219A09	H5-20-CS7-004	1668A-CS7-019B	1668_octyl_1	1668_octyl_1	Tray1:2	1.000000
10	5-200219A10	H5-20-CCV-133	1668A-CS3-19B	1668_octyl_1	1668_octyl_1	Tray1:1	1.000000
11	5-200219A11	WG3274943-2	LCS	1668_octyl_1	1668_octyl_1	Tray1:4	1.000000
12	5-200219A12	Toluene	Inst Blank	1668_octyl_1	1668_octyl_1	Tray1:3	1.000000
13	5-200219A13	WG3274943-1	MB	1668_octyl_1	1668_octyl_1	Tray1:5	1.000000
14	5-200219A14	L2413945-1	Sample	1668_octyl_1	1668_octyl_1	Tray1:6	1.000000
15	5-200219A15	L2416660-1	Sample	1668_octyl_1	1668_octyl_1	Tray1:7	1.000000
16	5-200219A16	WG3274943-4	Sample	1668_octyl_1	1668_octyl_1	Tray1:8	1.000000
17	5-200219A17	L2416664-1	Sample	1668_octyl_1	1668_octyl_1	Tray1:9	1.000000
18	5-200219A18	L2416664-2	Sample	1668_octyl_1	1668_octyl_1	Tray1:10	1.000000
19	5-200219A19	L2416673-1	Sample	1668_octyl_1	1668_octyl_1	Tray1:11	1.000000
20	5-200219A20	L2416673-2	Sample	1668_octyl_1	1668_octyl_1	Tray1:12	1.000000
21	5-200219A21	L2417134-1	Sample	1668_octyl_1	1668_octyl_1	Tray1:13	1.000000
22	5-200219A22	WG3274943-3	Sample	1668_octyl_1	1668_octyl_1	Tray1:14	1.000000
23	5-200219A23	H5-20-CCV-134	1668A-CS3-19B	1668_octyl_1	1668_octyl_1	Tray1:1	1.000000
24	5-200219A24	H5-20-WDM-135	1668A-CS7-019B	1668_octyl_1	1668_octyl_1	Tray1:2	1.000000
25	5-200219A25	WG3262590-2	LCS	1668_octyl_1	1668_octyl_1	Tray1:15	1.000000
26	5-200219A26	Toluene	Inst Blank	1668_octyl_1	1668_octyl_1	Tray1:3	1.000000
27	5-200219A27	WG3262590-1	MB	1668_octyl_1	1668_octyl_1	Tray1:16	1.000000
28	5-200219A28	L2408690-1	Sample	1668_octyl_1	1668_octyl_1	Tray1:17	1.000000
29	5-200219A29	L2408690-2	Sample	1668_octyl_1	1668_octyl_1	Tray1:18	1.000000
30	5-200219A30	L2408690-3	Sample	1668_octyl_1	1668_octyl_1	Tray1:19	1.000000
31	5-200219A31	L2408690-4	Sample	1668_octyl_1	1668_octyl_1	Tray1:20	1.000000
32	5-200219A32	L2408690-5	Sample	1668_octyl_1	1668_octyl_1	Tray1:21	1.000000
33	5-200219A33	H5-20-CCV-136	1668A-CS3-19B	1668_octyl_1	1668_octyl_1	Tray1:1	1.000000
34	---	Op	ES	---	---	---	0.000000
35	---	Detector	350	---	---	---	0.000000
36	---	Column	SPBOCTYL	65972-04B-024	---	---	0.000000
37	---	ICAL	SPBOCTYL	65972-04B-024	---	---	0.000000

VP ✓ EA Feb 20  
 MR ✓  
 Win ✓  
 Amo ✓  
 Tol ✓  
 ES ✓  
 LM 528, 29 sulfur S<sub>31</sub>-32  
 wo ✓  
 BS ✓  
 ICAL CSI, CSS, %RSD RRF, RS ✓  
 AC ✓  
 AI MB ✓  
 Rec ✓  
 CSS ✓  
 A2 MB ✓  
 Rec ✓  
 CSS ✓

Sample List Report

MassLynx MassLynx V4.1 SCN 901

Sample List: C:\MassLynx\PCB.PRO\SampleDB\5-200219A-ICAL.SPL  
Last Modified: Thursday, February 20, 2020 11:09:08 Eastern Standard Time  
Printed: Friday, February 21, 2020 14:00:01 Eastern Standard 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	Quan Meth	Quan Ref
1	5-200219A02	H5-20-CS1-004	1668A-CS1-019	Standard	1	1	1	2	---	---	---	---	100	100	100	200	100	1.000	---	---
2	5-200219A04	H5-20-CS2-004	1668A-CS2-019	Standard	5	5	5	10	---	---	---	---	100	100	100	200	100	1.000	---	---
3	5-200219A01	H5-20-CS3-004	1668A-CS3-19B	Standard	50	50	50	100	---	---	---	---	100	100	100	200	100	1.000	---	---
4	5-200219A05	H5-20-CS4-004	1668A-CS5-019	Standard	400	400	400	800	---	---	---	---	100	100	100	200	100	1.000	---	---
5	5-200219A06	H5-20-CS5-004	1668A-CS4-019	Standard	2000	2000	2000	4000	---	---	---	---	100	100	100	200	100	1.000	---	---
6	5-200219A03	H5-20-CS0-004	1668A-CS0-019	Analyte	.2	.2	.2	.4	---	---	---	---	100	100	100	200	100	1.000	---	---
7	5-200219A07	H5-20-RS1-004	1668A-RS1-019	Analyte	50	50	50	100	---	---	---	---	100	100	100	200	100	1.000	---	---
8	5-200219A08	H5-20-RS2-004	1668A-RS2-019	Analyte	---	---	---	---	---	---	---	---	100	100	100	200	100	1.000	---	---
9	5-200219A09	H5-20-CS7-004	1668A-CS7-019B	Analyte	25	50	75	100	150	200	250	300	100	100	100	200	100	1.000	---	---

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

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

**Method: C:\MassLynx\PCB.PRO\MethDB\1668-OCTYL-1-ICAL-191120newLM.mdb 07 Feb 2020 11:57:21**

**Calibration: C:\MassLynx\PCB.PRO\CurveDB\5-200219A-ICAL.cdb 20 Feb 2020 11:09:57**

**Name: 5-200219A02, Date: 19-Feb-2020, Time: 14:40:25, ID: H5-20-CS1-004, Description: 1668A-CS1-019, 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		39858	30558	9300	3.29	NO	8.85	1.00	8.82	8.89	0.99696	99.7		1136	1417
2	PCB-3		38721	29195	9526	3.06	NO	10.38	1.00	10.35	10.42	0.99177	99.2		1136	1417
3	PCB-4		19896	11719	8177	1.43	NO	10.55	1.00	10.52	10.58	0.96318	96.3		621	3223
4	PCB-15		33134	20157	12977	1.55	NO	14.22	1.00	14.19	14.26	0.95142	95.1		1075	2151
5	PCB-19		22154	11752	10402	1.13	NO	12.55	1.00	12.52	12.59	0.95586	95.6		2969	2513
6	PCB-37		30898	15777	15121	1.04	NO	18.18	1.00	18.15	18.21	0.97486	97.5		3745	4158
7	PCB-54		26494	12095	14398	0.84	NO	14.41	1.00	14.37	14.44	0.95044	95.0		671	1004
8	PCB-81		28048	12250	15799	0.78	NO	21.77	1.00	21.74	21.80	0.95436	95.4		1073	2191
9	PCB-77		28426	12539	15887	0.79	NO	22.06	1.00	22.03	22.10	0.97664	97.7		1073	2191
10	PCB-104		25919	16201	9718	1.67	NO	17.49	1.00	17.46	17.53	0.95437	95.4		435	1071
11	PCB-123		22964	14253	8711	1.64	NO	23.08	1.00	23.04	23.11	0.97163	97.2		638	778
12	PCB-118		23326	14217	9109	1.56	NO	23.25	1.00	23.21	23.28	0.92426	92.4		638	778
13	PCB-114		23668	14407	9261	1.56	NO	23.55	1.00	23.52	23.58	0.96563	96.6		638	778
14	PCB-105		23219	14053	9165	1.53	NO	23.89	1.00	23.85	23.92	0.94782	94.8		638	778
15	PCB-126		23021	14384	8637	1.67	NO	25.48	1.00	25.45	25.52	0.94493	94.5		638	778
16	PCB-155		26120	14517	11604	1.25	NO	20.51	1.00	20.48	20.54	0.93657	93.7		419	367
17	PCB-167		26745	14082	12663	1.11	NO	26.41	1.00	26.38	26.45	0.99635	99.6		587	571
18	PCB-156/157		51186	27837	23349	1.19	NO	27.03	1.00	27.00	27.06	1.94257	97.1		587	571
19	PCB-169		23165	12499	10666	1.17	NO	28.69	1.00	28.65	28.72	0.93431	93.4		587	571
20	PCB-188		21274	10549	10725	0.98	NO	23.50	1.00	23.47	23.53	0.94171	94.2		1480	1072
21	PCB-189		18166	9146	9020	1.01	NO	29.98	1.00	29.94	30.01	0.95670	95.7		1536	894
22	PCB-202		23072	11659	11414	1.02	NO	26.29	1.00	26.26	26.33	0.99947	99.9	ES200220MB	523	519
23	PCB-205		13983	6761	7222	0.94	NO	31.38	1.00	31.35	31.42	0.94215	94.2		403	471
24	PCB-208		16743	7674	9069	0.85	NO	29.72	1.00	29.69	29.76	0.95692	95.7		1010	2316
25	PCB-206		11636	5116	6520	0.78	NO	32.47	1.00	32.44	32.51	0.95781	95.8		1010	2316
26	PCB-209		12035	6426	5608	1.15	NO	33.61	1.00	33.58	33.65	0.95132	95.1		191	385
27	13C-PCB-31		3320646	1690918	1629729	1.04	NO	15.76	0.87	15.73	15.80	99.22806	99.2		26423	14131
28	13C-PCB-95		1454604	898285	556319	1.61	NO	19.08	1.09	19.04	19.11	100.09907	100.1		1221	1864
29	13C-PCB-153		2285232	1299627	985605	1.32	NO	24.19	1.18	24.16	24.22	98.78358	98.8		3955	2538
30	13C-PCB-28		3363517	1716608	1646908	1.04	NO	15.94	0.94	15.90	15.97	98.59367	98.6		26423	14131
31	13C-PCB-111		1925947	1188468	737479	1.61	NO	22.01	1.07	21.98	22.04	99.85870	99.9		1221	1864
32	13C-PCB-178		1681983	861502	820481	1.05	NO	25.07	1.01	25.04	25.11	99.33761	99.3		1790	1584
33	13C-PCB-1		3435153	2562529	872625	2.94	NO	8.85	0.75	8.82	8.89	96.81777	96.8		2783	10355
34	13C-PCB-3		3290979	2439408	851571	2.86	NO	10.38	0.88	10.35	10.42	96.46684	96.5		2783	10355

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

Dataset:      \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered:    Thursday, February 20, 2020 11:09:57 Eastern Standard Time

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**Name: 5-200219A02, Date: 19-Feb-2020, Time: 14:40:25, ID: H5-20-CS1-004, Description: 1668A-CS1-019, 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		2527395	1538120	989276	1.55	NO	10.54	0.89	10.50	10.57	99.31365	99.3		6907	2708
36	13C-PCB-15		3581222	2220189	1361033	1.63	NO	14.21	1.20	14.18	14.25	97.71700	97.7		9747	4430
37	13C-PCB-19		2040171	1018972	1021200	1.00	NO	12.54	1.06	12.51	12.57	99.52484	99.5		28226	13077
38	13C-PCB-37		3184097	1617811	1566286	1.03	NO	18.17	1.07	18.14	18.20	99.58362	99.6		26423	14131
39	13C-PCB-54		2786455	1238797	1547658	0.80	NO	14.40	0.85	14.36	14.43	101.15770	101.2		3729	3048
40	13C-PCB-81		2650161	1196870	1453291	0.82	NO	21.76	1.06	21.73	21.79	100.84868	100.8		4559	3290
41	13C-PCB-77		2661105	1208065	1453040	0.83	NO	22.06	1.07	22.02	22.09	101.19196	101.2		4559	3290
42	13C-PCB-104		2489153	1515498	973654	1.56	NO	17.48	1.03	17.44	17.51	100.40814	100.4		987	1347
43	13C-PCB-123		2468582	1515564	953018	1.59	NO	23.07	1.12	23.03	23.10	100.11885	100.1		4145	4134
44	13C-PCB-118		2440546	1496813	943733	1.59	NO	23.24	1.13	23.20	23.27	100.40258	100.4		4145	4134
45	13C-PCB-114		2364873	1460808	904065	1.62	NO	23.54	0.95	23.50	23.57	100.98862	101.0		4145	4134
46	13C-PCB-105		2422613	1495486	927127	1.61	NO	23.88	0.96	23.84	23.91	100.79432	100.8		4145	4134
47	13C-PCB-126		2277429	1405147	872282	1.61	NO	25.47	1.02	25.44	25.50	101.07216	101.1		4145	4134
48	13C-PCB-155		2813721	1568557	1245163	1.26	NO	20.50	0.99	20.47	20.53	101.34231	101.3		782	738
49	13C-PCB-167		2520470	1438369	1082101	1.33	NO	26.39	1.06	26.36	26.42	100.71730	100.7		3955	2538
50	13C-PCB-156/157		4840008	2764157	2075851	1.33	NO	27.02	1.09	26.98	27.05	200.77438	100.4		3955	2538
51	13C-PCB-169		2381541	1357741	1023799	1.33	NO	28.67	1.15	28.64	28.71	100.88681	100.9		3955	2538
52	13C-PCB-188		2455889	1255625	1200263	1.05	NO	23.50	0.95	23.47	23.53	100.95613	101.0		1790	1584
53	13C-PCB-189		1967697	1007835	959862	1.05	NO	29.96	0.96	29.93	29.99	100.00157	100.0		5923	5054
54	13C-PCB-202		2202971	1047795	1155175	0.91	NO	26.28	1.06	26.25	26.31	100.39898	100.4		1460	1894
55	13C-PCB-205		1734932	808130	926802	0.87	NO	31.37	1.01	31.34	31.40	100.07556	100.1		2877	2973
56	13C-PCB-208		1371957	602139	769818	0.78	NO	29.71	0.96	29.68	29.74	100.00714	100.0		3313	1917
57	13C-PCB-206		937821	414547	523274	0.79	NO	32.46	1.04	32.43	32.49	99.63449	99.6		3313	1917
58	13C-PCB-209		1446848	781245	665603	1.17	NO	33.60	1.08	33.56	33.63	98.03383	98.0		449	333
59	13C-PCB-9		3947698	2389057	1558641	1.53	NO	11.81	0.48	11.78	11.85	114.86605	114.9		6907	2708
60	13C-PCB-52		2069088	944036	1125052	0.84	NO	16.94	0.68	16.90	16.97	112.91560	112.9		3510	2501
61	13C-PCB-101		1641970	1006213	635758	1.58	NO	20.62	0.83	20.59	20.66	112.99437	113.0		1221	1864
62	13C-PCB-138		2097437	1195265	902172	1.32	NO	24.85	0.00	24.82	24.89	113.73198	113.7		3955	2538
63	13C-PCB-194		1280059	587106	692953	0.85	NO	31.09	1.25	31.06	31.12	112.49988	112.5		2877	2973
64	Total MoCB-F1	2		59753								1.98873			1136	
65	Total DiCB-F1	1		11719								0.96318			621	
66	Total DiCB-F2	1		20157								0.95142			1075	
67	Total TrCB-F1	1		11752								0.95586			1235	
68	Total TrCB-F3	3		45650								58185.03162			1636	
69	Total TeCB-F2	1		12095								0.95044			671	
70	Total TeCB-F4	3		25054								914.09767			1073	
71	Total PeCB-F3	1		16201								0.95437			435	

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

Dataset:      \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered:    Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed:        Friday, February 21, 2020 14:02:55 Eastern Standard Time

**Name: 5-200219A02, Date: 19-Feb-2020, Time: 14:40:25, ID: H5-20-CS1-004, Description: 1668A-CS1-019, 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	8		72510								2016.21549			638	
73	Total HxCB-F4	1		14517								0.93657			419	
74	Total HxCB-F5	8		56517								3746.71886			587	
75	Total HpCB-F5	6		43061								69878.57080			749	
76	Total HpCB-F6	2		9533								750.23330			845	
77	Total OcCB-F5	1		11659								0.99947			523	
78	Total OcCB-F6	3		7461								1753.52176			403	
79	Total NoCB-F6	2		12790								1.91473			1010	
80	Total DeCB-F7	1		6426								0.95132			191	
81	Total 13C-MoCB-F1	4		5024202								31678.16072			2783	
82	Total 13C-DiCB-F1	3		3936618								214.98383			6907	
83	Total 13C-DiCB-F2	2		2221716								2305.56772			9747	
84	Total 13C-TrCB-F1	1		1018972								99.52484			28226	
85	Total 13C-TrCB-F3	6		5046694								28775.33461			26423	
86	Total 13C-TeCB-F2	1		1238797								101.15770			3729	
87	Total 13C-TeCB-F3	5		975420								116.57673			3510	
88	Total 13C-TeCB-F4	12		2445905								54665.91144			4559	
89	Total 13C-PeCB-F3	1		1515498								100.40814			987	
90	Total 13C-PeCB-F4	9		3104883								316.85799			1221	
91	Total 13C-PeCB-F5	13		7540608								183673.84480			4145	
92	Total 13C-HxCB-F4	2		1575937								8350.99238			782	
93	Total 13C-HxCB-F5	15		8117873								643.75133			3955	
94	Total 13C-HpCB-F5	9		2156670								78252.99693			1790	
95	Total 13C-HpCB-F6	9		1100679								191052.17372			5923	
96	Total 13C-OcCB-F5	6		1051807								9557.32744			1460	
97	Total 13C-OcCB-F6	11		1455181								235.32452			2877	
98	Total 13C-NoCB-F6	4		1018076								3067.99994			3313	
99	Total 13C-DeCB-F7	1		781245								98.03383			449	
100	Lockmass F1			0											354899	
101	Lockmass F2			0											208570	
102	Lockmass F3			0											276374	
103	Lockmass F4			0											306563	
104	Lockmass F5			0											88816	
105	Lockmass F6			0											69231	
106	Lockmass F7			0											29034	

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

Name: 5-200219A04, Date: 19-Feb-2020, Time: 16:17:15, ID: H5-20-CS2-004, Description: 1668A-CS2-019, 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		176117	132112	44005	3.00	NO	8.87	1.00	8.84	8.90	4.91007	98.2		1367	1659
2	PCB-3		170436	128226	42209	3.04	NO	10.40	1.00	10.36	10.43	4.98871	99.8		1367	1659
3	PCB-4		91175	54591	36585	1.49	NO	10.56	1.00	10.53	10.60	5.08025	101.6		1330	6420
4	PCB-15		144255	88650	55604	1.59	NO	14.23	1.00	14.20	14.27	4.86171	97.2		1602	6158
5	PCB-19		101515	52148	49367	1.06	NO	12.55	1.00	12.52	12.59	4.96454	99.3		4483	4089
6	PCB-37		136267	68786	67481	1.02	NO	18.19	1.00	18.16	18.22	4.98407	99.7		5790	5931
7	PCB-54		121176	53298	67877	0.79	NO	14.42	1.00	14.38	14.45	4.93940	98.8		1380	1364
8	PCB-81		123664	53228	70436	0.76	NO	21.78	1.00	21.74	21.81	4.94036	98.8		1122	3027
9	PCB-77		120855	51137	69717	0.73	NO	22.07	1.00	22.04	22.11	4.88341	97.7		1122	3027
10	PCB-104		119991	72899	47092	1.55	NO	17.49	1.00	17.46	17.53	4.93960	98.8		633	2021
11	PCB-123		101006	61542	39464	1.56	NO	23.09	1.00	23.06	23.12	4.85127	97.0		1225	1732
12	PCB-118		110228	67181	43047	1.56	NO	23.26	1.00	23.23	23.29	4.95689	99.1		1225	1732
13	PCB-114		104122	63985	40137	1.59	NO	23.56	1.00	23.53	23.59	4.85695	97.1		1225	1732
14	PCB-105		104927	64823	40103	1.62	NO	23.90	1.00	23.87	23.93	4.89657	97.9		1225	1732
15	PCB-126		104345	64541	39804	1.62	NO	25.50	1.00	25.46	25.53	5.03925	100.8		1225	1732
16	PCB-155		125507	69802	55706	1.25	NO	20.52	1.00	20.49	20.55	5.07947	101.6		542	574
17	PCB-167		113743	61290	52453	1.17	NO	26.41	1.00	26.38	26.45	4.92118	98.4		858	911
18	PCB-156/157		227071	122464	104607	1.17	NO	27.04	1.00	27.01	27.08	9.99477	99.9		858	911
19	PCB-169		103123	55274	47849	1.16	NO	28.70	1.00	28.66	28.73	4.89590	97.9		858	911
20	PCB-188		99902	50429	49474	1.02	NO	23.53	1.00	23.49	23.56	5.02952	100.6		2062	993
21	PCB-189		80994	41187	39806	1.03	NO	29.99	1.00	29.96	30.02	4.89804	98.0		3002	1627
22	PCB-202		101840	48146	53694	0.90	NO	26.29	1.00	26.26	26.33	5.02176	100.4		820	915
23	PCB-205		64598	31215	33383	0.94	NO	31.40	1.00	31.36	31.43	4.91880	98.4		613	639
24	PCB-208		78820	35239	43581	0.81	NO	29.74	1.00	29.70	29.77	5.01042	100.2		1074	2055
25	PCB-206		53475	23903	29572	0.81	NO	32.49	1.00	32.45	32.52	4.96767	99.4		1074	2055
26	PCB-209		57316	30658	26658	1.15	NO	33.63	1.00	33.59	33.66	4.97747	99.5		231	311
27	13C-PCB-31		2925706	1484596	1441110	1.03	NO	15.77	0.87	15.74	15.81	100.45721	100.5		37963	14998
28	13C-PCB-95		1290962	798991	491972	1.62	NO	19.09	1.09	19.05	19.12	100.62003	100.6		2267	1698
29	13C-PCB-153		2010222	1147368	862854	1.33	NO	24.19	1.18	24.16	24.22	100.39540	100.4		3058	2433
30	13C-PCB-28		2966387	1506315	1460072	1.03	NO	15.94	0.94	15.90	15.97	97.86731	97.9		37963	14998
31	13C-PCB-111		1692071	1048879	643193	1.63	NO	22.02	1.07	21.99	22.05	97.80751	97.8		2267	1698
32	13C-PCB-178		1482365	761071	721293	1.06	NO	25.07	1.01	25.04	25.11	99.88936	99.9		2578	1441
33	13C-PCB-1		3081943	2299553	782390	2.94	NO	8.85	0.75	8.82	8.89	100.15194	100.2		3128	9886
34	13C-PCB-3		2879793	2137570	742223	2.88	NO	10.38	0.88	10.35	10.42	97.32849	97.3		3128	9886
35	13C-PCB-4		2195849	1341817	854033	1.57	NO	10.55	0.89	10.52	10.58	99.48651	99.5		7889	2731
36	13C-PCB-15		3051226	1903014	1148212	1.66	NO	14.22	1.20	14.19	14.26	95.99289	96.0		12345	6042
37	13C-PCB-19		1799917	895412	904505	0.99	NO	12.54	1.06	12.51	12.57	101.23791	101.2		48536	28331

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

Dataset:      \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered:    Thursday, February 20, 2020 11:09:57 Eastern Standard Time

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**Name: 5-200219A04, Date: 19-Feb-2020, Time: 16:17:15, ID: H5-20-CS2-004, Description: 1668A-CS2-019, 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		2746684	1403629	1343056	1.05	NO	18.17	1.07	18.14	18.20	96.68627	96.7		37963	14998
39	13C-PCB-54		2452335	1088830	1363505	0.80	NO	14.41	0.85	14.37	14.44	100.20311	100.2		8206	6882
40	13C-PCB-81		2257164	1017704	1239460	0.82	NO	21.77	1.06	21.74	21.80	95.75754	95.8		9511	6034
41	13C-PCB-77		2262682	1025332	1237350	0.83	NO	22.06	1.07	22.03	22.10	95.92228	95.9		9511	6034
42	13C-PCB-104		2226405	1366909	859497	1.59	NO	17.49	1.03	17.45	17.52	100.12292	100.1		1876	1384
43	13C-PCB-123		2174650	1341209	833441	1.61	NO	23.08	1.12	23.04	23.11	98.32628	98.3		4082	3744
44	13C-PCB-118		2150470	1325014	825457	1.61	NO	23.25	1.13	23.21	23.28	98.62869	98.6		4082	3744
45	13C-PCB-114		2068422	1271230	797192	1.59	NO	23.55	0.95	23.52	23.58	98.47269	98.5		4082	3744
46	13C-PCB-105		2119168	1312867	806300	1.63	NO	23.89	0.96	23.85	23.92	98.29451	98.3		4082	3744
47	13C-PCB-126		1935651	1198022	737629	1.62	NO	25.48	1.02	25.45	25.52	95.76913	95.8		4082	3744
48	13C-PCB-155		2492833	1386624	1106209	1.25	NO	20.50	0.99	20.47	20.53	100.09557	100.1		854	1094
49	13C-PCB-167		2170255	1240551	929704	1.33	NO	26.40	1.06	26.37	26.43	98.94764	98.9		3058	2433
50	13C-PCB-156/157		4173108	2391485	1781624	1.34	NO	27.03	1.09	27.00	27.06	197.51222	98.8		3058	2433
51	13C-PCB-169		2023194	1160341	862852	1.34	NO	28.69	1.15	28.65	28.72	97.78808	97.8		3058	2433
52	13C-PCB-188		2159391	1106624	1052767	1.05	NO	23.50	0.95	23.47	23.53	101.28087	101.3		2578	1441
53	13C-PCB-189		1713571	874280	839291	1.04	NO	29.98	0.96	29.94	30.01	99.36255	99.4		4765	4712
54	13C-PCB-202		1935314	916040	1019273	0.90	NO	26.28	1.06	26.25	26.31	100.63383	100.6		1997	1612
55	13C-PCB-205		1535215	709605	825609	0.86	NO	31.38	1.01	31.35	31.42	98.50756	98.5		1914	3057
56	13C-PCB-208		1233485	546446	687039	0.80	NO	29.72	0.96	29.69	29.76	100.01827	100.0		2799	4024
57	13C-PCB-206		831012	366646	464366	0.79	NO	32.47	1.04	32.44	32.51	98.20906	98.2		2799	4024
58	13C-PCB-209		1316991	709803	607188	1.17	NO	33.61	1.08	33.58	33.65	99.26374	99.3		490	356
59	13C-PCB-9		3423876	2086481	1337395	1.56	NO	11.81	0.47	11.78	11.85	99.62443	99.6		7889	2731
60	13C-PCB-52		1838335	844343	993992	0.85	NO	16.95	0.68	16.91	16.98	100.32278	100.3		9704	4293
61	13C-PCB-101		1472833	908257	564576	1.61	NO	20.62	0.83	20.59	20.66	101.35493	101.4		2267	1698
62	13C-PCB-138		1838302	1043455	794847	1.31	NO	24.87	0.00	24.83	24.90	99.68056	99.7		3058	2433
63	13C-PCB-194		1150734	535315	615419	0.87	NO	31.09	1.25	31.06	31.12	101.13399	101.1		1914	3057
64	Total MoCB-F1	3		261997								1958.24077			1367	
65	Total DiCB-F1	2		56170								3695.42922			1330	
66	Total DiCB-F2	2		88922								595.28189			1602	
67	Total TrCB-F1	1		52148								4.96454			2066	
68	Total TrCB-F3	3		207996								273520.46277			2526	
69	Total TeCB-F2	1		53298								4.93940			1380	
70	Total TeCB-F4	4		105472								2511.24400			1122	
71	Total PeCB-F3	1		72899								4.93960			633	
72	Total PeCB-F5	9		327749								9268.12018			1225	
73	Total HxCB-F4	1		69802								5.07947			542	
74	Total HxCB-F5	11		249730								18332.61459			858	



Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

Name: 5-200219A04, Date: 19-Feb-2020, Time: 16:17:15, ID: H5-20-CS2-004, Description: 1668A-CS2-019, 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	7		197804								321395.77932			794	
76	Total HpCB-F6	2		42530								2949.32866			1463	
77	Total OcCB-F5	1		48146								5.02176			820	
78	Total OcCB-F6	4		34422								7826.53540			613	
79	Total NoCB-F6	2		59142								9.97809			1074	
80	Total DeCB-F7	1		30658								4.97747			231	
81	Total 13C-MoCB-F1	4		4456419								28677.39172			3128	
82	Total 13C-DiCB-F1	3		3437105								199.83309			7889	
83	Total 13C-DiCB-F2	1		1903014								95.99289			12345	
84	Total 13C-TrCB-F1	2		937890								94388.59081			48536	
85	Total 13C-TrCB-F3	4		4400545								8636.90653			37963	
86	Total 13C-TeCB-F2	1		1088830								100.20311			8206	
87	Total 13C-TeCB-F3	5		871326								103.52993			9704	
88	Total 13C-TeCB-F4	7		2078373								46935.93967			9511	
89	Total 13C-PeCB-F3	1		1366909								100.12292			1876	
90	Total 13C-PeCB-F4	8		2767536								303.42754			2267	
91	Total 13C-PeCB-F5	15		6579830								147859.32357			4082	
92	Total 13C-HxCB-F4	2		1394045								7760.43753			854	
93	Total 13C-HxCB-F5	12		7034585								617.79130			3058	
94	Total 13C-HpCB-F5	9		1900693								65845.63381			2578	
95	Total 13C-HpCB-F6	8		942442								134240.08634			4765	
96	Total 13C-OcCB-F5	6		921174								10523.08076			1997	
97	Total 13C-OcCB-F6	8		1303376								218.53943			1914	
98	Total 13C-NoCB-F6	5		914837								4326.15852			2799	
99	Total 13C-DeCB-F7	1		709803								99.26374			490	
100	Lockmass F1			0											15995...	
101	Lockmass F2			0											345303	
102	Lockmass F3			0											944431	
103	Lockmass F4			0											10589...	
104	Lockmass F5			0											216738	
105	Lockmass F6			0											308320	
106	Lockmass F7			0											65933	

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

Name: 5-200219A01, Date: 19-Feb-2020, Time: 13:42:50, ID: H5-20-CS3-004, Description: 1668A-CS3-19B, 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		1270707	955900	314807	3.04	NO	8.91	1.00	8.88	8.94	47.67577	95.4		3076	1778
2	PCB-3		1239352	934326	305026	3.06	NO	10.44	1.00	10.40	10.47	46.98865	94.0		3076	1778
3	PCB-4		620904	370088	250816	1.48	NO	10.59	1.00	10.56	10.63	46.08317	92.2		1288	8981
4	PCB-15		1114654	682860	431794	1.58	NO	14.28	1.00	14.24	14.31	47.61897	95.2		1389	6218
5	PCB-19		718026	369507	348518	1.06	NO	12.60	1.00	12.56	12.63	47.74709	95.5		5459	4084
6	PCB-37		998601	509655	488946	1.04	NO	18.24	1.00	18.21	18.27	46.87953	93.8		6598	6071
7	PCB-54		875550	387665	487886	0.79	NO	14.46	1.00	14.43	14.50	47.30767	94.6		1696	1385
8	PCB-81		920726	399522	521204	0.77	NO	21.83	1.00	21.80	21.87	48.07595	96.2		1814	2364
9	PCB-77		894171	386355	507816	0.76	NO	22.13	1.00	22.10	22.16	47.50377	95.0		1814	2364
10	PCB-104		852954	516113	336841	1.53	NO	17.54	1.00	17.51	17.58	47.30230	94.6		781	1417
11	PCB-123		733713	447649	286064	1.56	NO	23.14	1.00	23.11	23.17	47.67189	95.3		2292	2445
12	PCB-118		792506	486965	305542	1.59	NO	23.31	1.00	23.27	23.34	48.33131	96.7		2292	2445
13	PCB-114		760718	465368	295350	1.58	NO	23.61	1.00	23.58	23.64	47.86199	95.7		2292	2445
14	PCB-105		756082	464544	291538	1.59	NO	23.95	1.00	23.91	23.98	47.83016	95.7		2292	2445
15	PCB-126		737800	454376	283425	1.60	NO	25.54	1.00	25.51	25.58	47.68148	95.4		2292	2445
16	PCB-155		883109	492259	390850	1.26	NO	20.57	1.00	20.53	20.60	47.89333	95.8		590	801
17	PCB-167		807578	432761	374817	1.15	NO	26.47	1.00	26.44	26.51	46.98684	94.0		1751	1835
18	PCB-156/157		1609977	863697	746280	1.16	NO	27.09	1.00	27.06	27.12	95.08916	95.1		1751	1835
19	PCB-169		754426	407807	346619	1.18	NO	28.76	1.00	28.72	28.79	48.24210	96.5		1751	1835
20	PCB-188		704448	353144	351304	1.01	NO	23.57	1.00	23.54	23.61	47.95729	95.9		2863	2026
21	PCB-189		572622	291843	280778	1.04	NO	30.05	1.00	30.01	30.08	47.74442	95.5		4209	5566
22	PCB-202		704257	332387	371870	0.89	NO	26.35	1.00	26.32	26.39	46.71759	93.4		794	987
23	PCB-205		453146	217137	236009	0.92	NO	31.45	1.00	31.42	31.49	48.13392	96.3		1133	1787
24	PCB-208		539916	245525	294390	0.83	NO	29.78	1.00	29.75	29.81	47.41442	94.8		1414	2671
25	PCB-206		376765	169138	207626	0.81	NO	32.54	1.00	32.51	32.58	48.20892	96.4		1414	2671
26	PCB-209		391394	212465	178929	1.19	NO	33.70	1.00	33.67	33.73	47.64369	95.3		287	405
27	13C-PCB-31		2303396	1174302	1129095	1.04	NO	15.82	0.87	15.79	15.85	103.81639	103.8		46583	20747
28	13C-PCB-95		969907	602745	367161	1.64	NO	19.13	1.09	19.10	19.17	102.14586	102.1		1990	1580
29	13C-PCB-153		1553416	893319	660097	1.35	NO	24.25	1.18	24.22	24.28	104.20794	104.2		3597	2437
30	13C-PCB-28		2445686	1229286	1216400	1.01	NO	15.99	0.94	15.95	16.02	104.96614	105.0		46583	20747
31	13C-PCB-111		1338074	831028	507046	1.64	NO	22.07	1.07	22.04	22.11	102.78571	102.8		1990	1580
32	13C-PCB-178		1115803	575765	540037	1.07	NO	25.13	1.01	25.10	25.17	98.94162	98.9		2417	1256
33	13C-PCB-1		2290126	1715039	575087	2.98	NO	8.90	0.75	8.86	8.93	100.23791	100.2		3280	12995
34	13C-PCB-3		2223262	1667024	556238	3.00	NO	10.42	0.88	10.39	10.46	101.20622	101.2		3280	12995
35	13C-PCB-4		1648512	1005866	642646	1.57	NO	10.59	0.89	10.56	10.63	100.59850	100.6		6598	3258
36	13C-PCB-15		2407098	1499218	907880	1.65	NO	14.27	1.20	14.24	14.30	101.99908	102.0		16424	5863
37	13C-PCB-19		1323717	659884	663833	0.99	NO	12.60	1.06	12.56	12.63	100.28217	100.3		46656	35652

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

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Name: 5-200219A01, Date: 19-Feb-2020, Time: 13:42:50, ID: H5-20-CS3-004, Description: 1668A-CS3-19B, 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		2139981	1100206	1039776	1.06	NO	18.22	1.07	18.19	18.25	97.99516	98.0		46583	20747
39	13C-PCB-54		1850066	819552	1030515	0.80	NO	14.45	0.85	14.42	14.49	98.33933	98.3		13530	5935
40	13C-PCB-81		1726953	779822	947131	0.82	NO	21.82	1.05	21.78	21.85	97.36198	97.4		12896	7194
41	13C-PCB-77		1720977	777809	943168	0.82	NO	22.12	1.07	22.09	22.15	96.95494	97.0		12896	7194
42	13C-PCB-104		1652684	1009553	643132	1.57	NO	17.53	1.03	17.50	17.57	98.76847	98.8		2053	1811
43	13C-PCB-123		1607543	988469	619075	1.60	NO	23.13	1.12	23.09	23.16	96.59216	96.6		4331	3960
44	13C-PCB-118		1585710	974306	611404	1.59	NO	23.30	1.13	23.26	23.33	96.64797	96.6		4331	3960
45	13C-PCB-114		1533532	947161	586371	1.62	NO	23.60	0.95	23.56	23.63	97.02158	97.0		4331	3960
46	13C-PCB-105		1563285	964559	598727	1.61	NO	23.94	0.96	23.90	23.97	96.36099	96.4		4331	3960
47	13C-PCB-126		1446475	892003	554473	1.61	NO	25.53	1.02	25.50	25.56	95.10616	95.1		4331	3960
48	13C-PCB-155		1860293	1032030	828263	1.25	NO	20.56	0.99	20.52	20.59	99.26638	99.3		1285	1301
49	13C-PCB-167		1613854	925841	688013	1.35	NO	26.45	1.06	26.42	26.48	96.82473	96.8		3597	2437
50	13C-PCB-156/157		3109990	1771269	1338722	1.32	NO	27.08	1.09	27.04	27.11	193.69607	96.8		3597	2437
51	13C-PCB-169		1502116	855764	646352	1.32	NO	28.75	1.15	28.71	28.78	95.53869	95.5		3597	2437
52	13C-PCB-188		1596896	826124	770772	1.07	NO	23.56	0.95	23.53	23.59	98.55988	98.6		2417	1256
53	13C-PCB-189		1242851	638565	604286	1.06	NO	30.03	0.96	30.00	30.06	94.83469	94.8		4004	7180
54	13C-PCB-202		1438595	683576	755019	0.91	NO	26.34	1.06	26.31	26.37	98.43707	98.4		1804	1608
55	13C-PCB-205		1100508	508863	591645	0.86	NO	31.44	1.01	31.41	31.47	100.63058	100.6		2455	3660
56	13C-PCB-208		892864	397191	495674	0.80	NO	29.78	0.96	29.75	29.81	103.17332	103.2		1819	2474
57	13C-PCB-206		603325	268251	335074	0.80	NO	32.53	1.04	32.49	32.56	101.60897	101.6		1819	2474
58	13C-PCB-209		939562	507981	431581	1.18	NO	33.67	1.08	33.64	33.70	100.91830	100.9		336	334
59	13C-PCB-9		2542028	1544040	997988	1.55	NO	11.85	0.48	11.82	11.89	73.96530	74.0		6598	3258
60	13C-PCB-52		1413143	647850	765293	0.85	NO	17.00	0.68	16.96	17.03	77.11892	77.1		10769	5958
61	13C-PCB-101		1108292	685252	423040	1.62	NO	20.68	0.83	20.64	20.71	76.26861	76.3		1990	1580
62	13C-PCB-138		1396978	796246	600731	1.33	NO	24.92	0.00	24.88	24.95	75.75006	75.8		3597	2437
63	13C-PCB-194		807493	373320	434173	0.86	NO	31.16	1.25	31.13	31.19	70.96769	71.0		2455	3660
64	Total MoCB-F1	3		1903908								15327.15656			3076	
65	Total DiCB-F1	2		381907								23423.04305			1288	
66	Total DiCB-F2	1		682860								47.61897			1389	
67	Total TrCB-F1	1		369507								47.74709			2300	
68	Total TrCB-F3	4		1542200								2027495.865...			2116	
69	Total TeCB-F2	1		387665								47.30767			1696	
70	Total TeCB-F4	7		794653								18128.18494			1814	
71	Total PeCB-F3	1		516113								47.30230			781	
72	Total PeCB-F5	12		2352193								53909.01172			2292	
73	Total HxCB-F4	1		492259								47.89333			590	
74	Total HxCB-F5	19		1763956								107379.53144			1751	

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

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Name: 5-200219A01, Date: 19-Feb-2020, Time: 13:42:50, ID: H5-20-CS3-004, Description: 1668A-CS3-19B, 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	9		1410990								2295385.996...			1035	
76	Total HpCB-F6	7		304554								25149.94575			1666	
77	Total OcCB-F5	6		336260								7526.49907			794	
78	Total OcCB-F6	4		231733								34919.37507			1133	
79	Total NoCB-F6	3		415276								986.50322			1414	
80	Total DeCB-F7	1		212465								47.64369			287	
81	Total 13C-MoCB-F1	3		3385272								7372.23692			3280	
82	Total 13C-DiCB-F1	3		2553886								174.90649			6598	
83	Total 13C-DiCB-F2	1		1499218								101.99908			16424	
84	Total 13C-TrCB-F1	2		661920								12619.99660			46656	
85	Total 13C-TrCB-F3	7		3517126								15923.99178			46583	
86	Total 13C-TeCB-F2	1		819552								98.33933			13530	
87	Total 13C-TeCB-F3	4		670460								79.61159			10769	
88	Total 13C-TeCB-F4	6		1577725								28108.32139			12896	
89	Total 13C-PeCB-F3	1		1009553								98.76847			2053	
90	Total 13C-PeCB-F4	9		2126497								283.69345			1990	
91	Total 13C-PeCB-F5	13		4827225								68141.63573			4331	
92	Total 13C-HxCB-F4	2		1037349								5714.15693			1285	
93	Total 13C-HxCB-F5	13		5273623								580.50977			3597	
94	Total 13C-HpCB-F5	10		1422662								39551.06947			2417	
95	Total 13C-HpCB-F6	8		684091								85615.08285			4004	
96	Total 13C-OcCB-F5	6		687427								6841.01016			1804	
97	Total 13C-OcCB-F6	5		905170								179.85015			2455	
98	Total 13C-NoCB-F6	4		666097								2124.54432			1819	
99	Total 13C-DeCB-F7	1		507981								100.91830			336	
100	Lockmass F1			0											17439...	
101	Lockmass F2			0											506084	
102	Lockmass F3			0											1151911	
103	Lockmass F4			0											12725...	
104	Lockmass F5			0											246622	
105	Lockmass F6			0											327165	
106	Lockmass F7			0											73704	

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

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Name: 5-200219A05, Date: 19-Feb-2020, Time: 16:57:41, ID: H5-20-CS4-004, Description: 1668A-CS4-019, 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		16059247	12088954	3970293	3.04	NO	8.87	1.00	8.84	8.90	427.00486	106.8		2032	2525
2	PCB-3		15838347	11907481	3930866	3.03	NO	10.40	1.00	10.36	10.43	428.28478	107.1		2032	2525
3	PCB-4		7863344	4681139	3182206	1.47	NO	10.56	1.00	10.53	10.60	417.27236	104.3		1247	6588
4	PCB-15		13873813	8519046	5354767	1.59	NO	14.23	1.00	14.20	14.27	425.97694	106.5		2572	5561
5	PCB-19		8806771	4518768	4288003	1.05	NO	12.55	1.00	12.52	12.59	421.57286	105.4		4095	4676
6	PCB-37		12390480	6321654	6068826	1.04	NO	18.19	1.00	18.16	18.22	417.42035	104.4		9715	9351
7	PCB-54		10754127	4734032	6020096	0.79	NO	14.43	1.00	14.39	14.46	424.40979	106.1		1337	1209
8	PCB-81		11398731	4955075	6443656	0.77	NO	21.78	1.00	21.74	21.81	420.69260	105.2		1318	3453
9	PCB-77		11235259	4881524	6353735	0.77	NO	22.08	1.00	22.05	22.12	418.48664	104.6		1318	3453
10	PCB-104		10644298	6508277	4136021	1.57	NO	17.50	1.00	17.47	17.54	424.91217	106.2		1239	1725
11	PCB-123		9272961	5680000	3592961	1.58	NO	23.09	1.00	23.06	23.12	420.86622	105.2		5203	4757
12	PCB-118		9932051	6067233	3864818	1.57	NO	23.27	1.00	23.24	23.30	423.93238	106.0		5203	4757
13	PCB-114		9526921	5806587	3720334	1.56	NO	23.56	1.00	23.53	23.59	421.64098	105.4		5203	4757
14	PCB-105		9514774	5801129	3713646	1.56	NO	23.91	1.00	23.88	23.95	422.54081	105.6		5203	4757
15	PCB-126		9521199	5816438	3704761	1.57	NO	25.50	1.00	25.46	25.53	419.95535	105.0		5203	4757
16	PCB-155		10591950	5896825	4695125	1.26	NO	20.52	1.00	20.49	20.55	420.44921	105.1		1309	1348
17	PCB-167		10281284	5569707	4711578	1.18	NO	26.43	1.00	26.39	26.46	415.41359	103.9		3921	4891
18	PCB-156/157		20369968	11009360	9360608	1.18	NO	27.04	1.00	27.01	27.08	828.09162	103.5		3921	4891
19	PCB-169		9730524	5268552	4461973	1.18	NO	28.71	1.00	28.68	28.74	425.38950	106.3		3921	4891
20	PCB-188		8576264	4293158	4283106	1.00	NO	23.53	1.00	23.49	23.56	420.80332	105.2		4503	5124
21	PCB-189		7448552	3782564	3665988	1.03	NO	30.00	1.00	29.97	30.04	417.77441	104.4		13554	13753
22	PCB-202		8716502	4120073	4596429	0.90	NO	26.30	1.00	26.27	26.34	412.19713	103.0		1736	1821
23	PCB-205		5898938	2836518	3062420	0.93	NO	31.40	1.00	31.36	31.43	421.08536	105.3		2980	5808
24	PCB-208		6801022	3062444	3738578	0.82	NO	29.74	1.00	29.70	29.77	419.22233	104.8		2825	4698
25	PCB-206		4773575	2154745	2618830	0.82	NO	32.50	1.00	32.47	32.53	415.72830	103.9		2825	4698
26	PCB-209		5094834	2759162	2335672	1.18	NO	33.64	1.00	33.61	33.68	423.31966	105.8		332	435
27	13C-PCB-31		3057252	1562315	1494938	1.05	NO	15.77	0.87	15.74	15.81	99.00110	99.0		48870	13944
28	13C-PCB-95		1327099	823228	503871	1.63	NO	19.10	1.09	19.06	19.13	98.59789	98.6		2443	1392
29	13C-PCB-153		2082735	1183478	899256	1.32	NO	24.20	1.18	24.17	24.24	97.89062	97.9		2700	3231
30	13C-PCB-28		3093030	1573230	1519800	1.04	NO	15.95	0.94	15.91	15.98	99.82660	99.8		48870	13944
31	13C-PCB-111		1758244	1086752	671492	1.62	NO	22.03	1.07	21.99	22.06	99.66750	99.7		2443	1392
32	13C-PCB-178		1559358	801064	758294	1.06	NO	25.08	1.01	25.05	25.12	101.75192	101.8		2426	1693
33	13C-PCB-1		3231498	2409054	822445	2.93	NO	8.87	0.75	8.84	8.90	101.43879	101.4		2532	9471
34	13C-PCB-3		3117209	2319491	797719	2.91	NO	10.38	0.88	10.35	10.42	101.76772	101.8		2532	9471
35	13C-PCB-4		2305672	1405478	900194	1.56	NO	10.55	0.89	10.52	10.58	100.90776	100.9		13253	2917
36	13C-PCB-15		3349217	2084463	1264754	1.65	NO	14.22	1.20	14.19	14.26	101.78256	101.8		17273	3269
37	13C-PCB-19		1838850	920488	918362	1.00	NO	12.55	1.06	12.52	12.59	99.90847	99.9		38998	31057

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

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Name: 5-200219A05, Date: 19-Feb-2020, Time: 16:57:41, ID: H5-20-CS4-004, Description: 1668A-CS4-019, 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		2982056	1524348	1457708	1.05	NO	18.18	1.07	18.15	18.21	102.68904	102.7		48870	13944
39	13C-PCB-54		2532955	1117395	1415561	0.79	NO	14.41	0.85	14.37	14.44	101.24678	101.2		9286	5866
40	13C-PCB-81		2443260	1103051	1340210	0.82	NO	21.77	1.06	21.74	21.80	101.64840	101.6		9780	5893
41	13C-PCB-77		2454617	1103629	1350988	0.82	NO	22.06	1.07	22.03	22.10	102.04707	102.0		9780	5893
42	13C-PCB-104		2295959	1403484	892475	1.57	NO	17.49	1.03	17.45	17.52	101.25452	101.3		1788	1463
43	13C-PCB-123		2301300	1415076	886224	1.60	NO	23.08	1.12	23.04	23.11	102.04090	102.0		3448	3791
44	13C-PCB-118		2265647	1397475	868172	1.61	NO	23.26	1.13	23.23	23.29	101.90205	101.9		3448	3791
45	13C-PCB-114		2180065	1344502	835563	1.61	NO	23.55	0.95	23.52	23.58	101.78104	101.8		3448	3791
46	13C-PCB-105		2226903	1374221	852683	1.61	NO	23.90	0.96	23.87	23.93	101.29458	101.3		3448	3791
47	13C-PCB-126		2119387	1311176	808212	1.62	NO	25.48	1.02	25.45	25.52	102.83237	102.8		3448	3791
48	13C-PCB-155		2541583	1407977	1133607	1.24	NO	20.51	0.99	20.48	20.54	100.07993	100.1		1213	880
49	13C-PCB-167		2323927	1328385	995541	1.33	NO	26.41	1.06	26.38	26.45	102.60056	102.6		2700	3231
50	13C-PCB-156/157		4518376	2568788	1949589	1.32	NO	27.03	1.09	27.00	27.06	207.08534	103.5		2700	3231
51	13C-PCB-169		2197164	1252865	944299	1.33	NO	28.70	1.15	28.66	28.73	102.83562	102.8		2700	3231
52	13C-PCB-188		2215650	1129547	1086103	1.04	NO	23.51	0.95	23.48	23.55	100.63057	100.6		2426	1693
53	13C-PCB-189		1847583	948330	899252	1.05	NO	29.99	0.96	29.96	30.02	103.74259	103.7		4164	3333
54	13C-PCB-202		2018018	960771	1057247	0.91	NO	26.29	1.06	26.26	26.33	101.61325	101.6		2149	2219
55	13C-PCB-205		1637607	756329	881278	0.86	NO	31.38	1.01	31.35	31.42	101.33467	101.3		3877	3326
56	13C-PCB-208		1272037	562880	709158	0.79	NO	29.72	0.96	29.69	29.76	99.47024	99.5		2186	2274
57	13C-PCB-206		886426	393002	493425	0.80	NO	32.47	1.04	32.44	32.51	101.02643	101.0		2186	2274
58	13C-PCB-209		1376508	747026	629482	1.19	NO	33.61	1.08	33.58	33.65	100.05399	100.1		451	294
59	13C-PCB-9		3544482	2151633	1392848	1.54	NO	11.83	0.48	11.79	11.86	103.13368	103.1		13253	2917
60	13C-PCB-52		1879197	860377	1018820	0.84	NO	16.95	0.68	16.91	16.98	102.55273	102.6		11230	5799
61	13C-PCB-101		1501871	919532	582339	1.58	NO	20.63	0.83	20.60	20.66	103.35322	103.4		2443	1392
62	13C-PCB-138		1898385	1088548	809837	1.34	NO	24.88	0.00	24.85	24.91	102.93850	102.9		2700	3231
63	13C-PCB-194		1193238	551898	641340	0.86	NO	31.11	1.25	31.07	31.14	104.86950	104.9		3877	3326
64	Total MoCB-F1	4		24187844								225067.24206			2032	
65	Total DiCB-F1	2		4847948								331218.89383			1247	
66	Total DiCB-F2	3		8536649								30627.44775			2572	
67	Total TrCB-F1	1		4518768								421.57286			1841	
68	Total TrCB-F3	7		18819134								24524671.77...			3925	
69	Total TeCB-F2	1		4734032								424.40979			1337	
70	Total TeCB-F4	8		9936085								208023.42375			1318	
71	Total PeCB-F3	1		6508277								424.91217			1239	
72	Total PeCB-F5	14		29733857								898823.25634			5203	
73	Total HxCB-F4	4		5902563								10739.62443			1309	
74	Total HxCB-F5	19		22746488								1581070.150...			3921	

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

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Name: 5-200219A05, Date: 19-Feb-2020, Time: 16:57:41, ID: H5-20-CS4-004, Description: 1668A-CS4-019, 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	14		17508292								28714123.41...			1804	
76	Total HpCB-F6	15		4045466								509990.30995			5423	
77	Total OcCB-F5	11		4164616								85753.26179			1736	
78	Total OcCB-F6	9		3117468								686145.38718			2980	
79	Total NoCB-F6	7		5223175								9547.27173			2825	
80	Total DeCB-F7	1		2759162								423.31966			332	
81	Total 13C-MoCB-F1	3		4741309								16465.81165			2532	
82	Total 13C-DiCB-F1	3		3568517								204.88620			13253	
83	Total 13C-DiCB-F2	1		2084463								101.78256			17273	
84	Total 13C-TrCB-F1	1		920488								99.90847			38998	
85	Total 13C-TrCB-F3	3		4659892								301.51673			48870	
86	Total 13C-TeCB-F2	1		1117395								101.24678			9286	
87	Total 13C-TeCB-F3	4		886539								105.79726			11230	
88	Total 13C-TeCB-F4	6		2240514								47604.66633			9780	
89	Total 13C-PeCB-F3	1		1403484								101.25452			1788	
90	Total 13C-PeCB-F4	8		2839955								305.11429			2443	
91	Total 13C-PeCB-F5	13		6967435								139531.40968			3448	
92	Total 13C-HxCB-F4	2		1415399								8003.59205			1213	
93	Total 13C-HxCB-F5	13		7472897								637.51748			2700	
94	Total 13C-HpCB-F5	8		1961668								62339.47082			2426	
95	Total 13C-HpCB-F6	10		1023018								158822.05554			4164	
96	Total 13C-OcCB-F5	4		964214								7228.24335			2149	
97	Total 13C-OcCB-F6	9		1358208								225.15195			3877	
98	Total 13C-NoCB-F6	4		956712								1904.87365			2186	
99	Total 13C-DeCB-F7	1		747026								100.05399			451	
100	Lockmass F1			0											19438...	
101	Lockmass F2			0											474214	
102	Lockmass F3			0											1147064	
103	Lockmass F4			0											1123229	
104	Lockmass F5			0											247101	
105	Lockmass F6			0											313243	
106	Lockmass F7			0											59039	

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

Name: 5-200219A06, Date: 19-Feb-2020, Time: 17:39:45, ID: H5-20-CS5-004, Description: 1668A-CS5-019, 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				20893044	0.00	YES								2608	1996
2	PCB-3				20966380	0.00	YES								2608	1996
3	PCB-4		41330009	24588282	16741727	1.47	NO	10.55	1.00	10.52	10.58	2111.85518	105.6		2472	5208
4	PCB-15		73022762	44063392	28959370	1.52	NO	14.22	1.00	14.19	14.26	2117.83005	105.9		4600	4700
5	PCB-19		45383528	23232470	22151058	1.05	NO	12.55	1.00	12.52	12.59	2084.71116	104.2		5639	4796
6	PCB-37		65143942	33321658	31822284	1.05	NO	18.18	1.00	18.15	18.21	2094.35958	104.7		11649	14323
7	PCB-54		54595164	24078600	30516564	0.79	NO	14.42	1.00	14.38	14.45	2108.99710	105.4		1493	1404
8	PCB-81		59618812	25961360	33657452	0.77	NO	21.78	1.00	21.74	21.81	2088.62616	104.4		3384	2997
9	PCB-77		58901530	25672652	33228878	0.77	NO	22.07	1.00	22.04	22.11	2100.76715	105.0		3384	2997
10	PCB-104		52973118	32305236	20667882	1.56	NO	17.49	1.00	17.46	17.53	2098.77024	104.9		1781	2050
11	PCB-123		47991400	29303358	18688042	1.57	NO	23.09	1.00	23.06	23.12	2105.01816	105.3		10843	7970
12	PCB-118		51110974	31156162	19954812	1.56	NO	23.26	1.00	23.23	23.29	2115.80339	105.8		10843	7970
13	PCB-114		48731898	29701514	19030384	1.56	NO	23.56	1.00	23.53	23.59	2103.27196	105.2		10843	7970
14	PCB-105		49917834	30436708	19481126	1.56	NO	23.90	1.00	23.87	23.93	2119.81708	106.0		10843	7970
15	PCB-126		49678056	30396586	19281470	1.58	NO	25.50	1.00	25.46	25.53	2087.40509	104.4		10843	7970
16	PCB-155		53217194	29683942	23533252	1.26	NO	20.52	1.00	20.49	20.55	2077.09155	103.9		1518	1414
17	PCB-167		53128544	28792350	24336194	1.18	NO	26.41	1.00	26.38	26.45	2082.27738	104.1		10005	11133
18	PCB-156/157		104397980	56655348	47742632	1.19	NO	27.04	1.00	27.01	27.08	4172.93114	104.3		10005	11133
19	PCB-169		50800798	27626002	23174796	1.19	NO	28.70	1.00	28.66	28.73	2116.38983	105.8		10005	11133
20	PCB-188		43577434	21821694	21755740	1.00	NO	23.53	1.00	23.49	23.56	2082.46371	104.1		11669	10138
21	PCB-189		39136698	19975988	19160710	1.04	NO	29.99	1.00	29.96	30.02	2128.73901	106.4		50418	27670
22	PCB-202		44506660	21056386	23450274	0.90	NO	26.30	1.00	26.27	26.34	2062.66420	103.1		2278	1977
23	PCB-205		30682208	14731122	15951086	0.92	NO	31.40	1.00	31.36	31.43	2117.39691	105.9		5200	7039
24	PCB-208		34955677	15784129	19171548	0.82	NO	29.74	1.00	29.70	29.77	2089.31043	104.5		11305	7027
25	PCB-206		24920264	11247588	13672676	0.82	NO	32.49	1.00	32.45	32.52	2090.31488	104.5		11305	7027
26	PCB-209		26878612	14558082	12320530	1.18	NO	33.64	1.00	33.61	33.68	2084.02619	104.2		490	523
27	13C-PCB-31		3148314	1604370	1543943	1.04	NO	15.76	0.87	15.73	15.80	97.49724	97.5		39894	19690
28	13C-PCB-95		1359019	840639	518380	1.62	NO	19.09	1.09	19.05	19.12	98.53714	98.5		1958	2449
29	13C-PCB-153		2159487	1226340	933147	1.31	NO	24.19	1.18	24.16	24.22	98.72246	98.7		2657	1803
30	13C-PCB-28		3194921	1624261	1570660	1.03	NO	15.94	0.94	15.90	15.97	98.74628	98.7		39894	19690
31	13C-PCB-111		1807619	1113166	694452	1.60	NO	22.02	1.07	21.99	22.05	99.88059	99.9		1958	2449
32	13C-PCB-178		1607635	829401	778234	1.07	NO	25.07	1.01	25.04	25.11	100.07949	100.1		2942	1641
33	13C-PCB-1		3393986	2528679	865307	2.92	NO	8.85	0.75	8.82	8.89	101.35359	101.4		2497	9475
34	13C-PCB-3		3323808	2466242	857566	2.88	NO	10.38	0.88	10.35	10.42	103.23074	103.2		2497	9475
35	13C-PCB-4		2394480	1449289	945191	1.53	NO	10.54	0.89	10.50	10.57	99.69358	99.7		9155	3271
36	13C-PCB-15		3545690	2201709	1343981	1.64	NO	14.21	1.20	14.18	14.25	102.50847	102.5		14672	4310
37	13C-PCB-19		1916261	956557	959703	1.00	NO	12.54	1.06	12.51	12.57	99.04661	99.0		44925	28774



Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

Name: 5-200219A06, Date: 19-Feb-2020, Time: 17:39:45, ID: H5-20-CS5-004, Description: 1668A-CS5-019, 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		3124813	1600075	1524738	1.05	NO	18.17	1.07	18.14	18.20	103.04591	103.0		39894	19690
39	13C-PCB-54		2587712	1145027	1442685	0.79	NO	14.40	0.85	14.36	14.43	99.05309	99.1		9540	5778
40	13C-PCB-81		2573954	1162888	1411065	0.82	NO	21.76	1.06	21.73	21.79	104.38340	104.4		9527	6976
41	13C-PCB-77		2563486	1167849	1395636	0.84	NO	22.06	1.07	22.03	22.10	103.88375	103.9		9527	6976
42	13C-PCB-104		2313327	1406706	906621	1.55	NO	17.49	1.03	17.45	17.52	99.44595	99.4		2077	1784
43	13C-PCB-123		2381258	1460039	921218	1.58	NO	23.08	1.12	23.04	23.11	102.92180	102.9		4170	3846
44	13C-PCB-118		2336085	1436278	899807	1.60	NO	23.25	1.13	23.21	23.28	102.41871	102.4		4170	3846
45	13C-PCB-114		2235515	1379645	855870	1.61	NO	23.55	0.95	23.52	23.58	101.73607	101.7		4170	3846
46	13C-PCB-105		2328782	1435111	893671	1.61	NO	23.89	0.96	23.85	23.92	103.25560	103.3		4170	3846
47	13C-PCB-126		2224742	1361478	863264	1.58	NO	25.48	1.02	25.45	25.52	105.22019	105.2		4170	3846
48	13C-PCB-155		2584868	1430837	1154031	1.24	NO	20.50	0.99	20.47	20.53	99.21580	99.2		1320	1183
49	13C-PCB-167		2395770	1367831	1027938	1.33	NO	26.40	1.06	26.37	26.43	100.90976	100.9		2657	1803
50	13C-PCB-156/157		4595379	2617011	1978368	1.32	NO	27.03	1.09	27.00	27.06	200.93198	100.5		2657	1803
51	13C-PCB-169		2305621	1324144	981477	1.35	NO	28.69	1.15	28.65	28.72	102.95081	103.0		2657	1803
52	13C-PCB-188		2274922	1171310	1103612	1.06	NO	23.50	0.95	23.47	23.53	98.57255	98.6		2942	1641
53	13C-PCB-189		1905178	978569	926609	1.06	NO	29.98	0.96	29.94	30.01	102.05861	102.1		5016	6379
54	13C-PCB-202		2059132	979506	1079627	0.91	NO	26.28	1.06	26.25	26.31	98.91687	98.9		1622	2985
55	13C-PCB-205		1693910	781841	912070	0.86	NO	31.38	1.01	31.35	31.42	99.45163	99.5		2928	3606
56	13C-PCB-208		1311852	576841	735011	0.78	NO	29.72	0.96	29.69	29.76	97.33103	97.3		3680	3595
57	13C-PCB-206		920342	407255	513087	0.79	NO	32.47	1.04	32.44	32.51	99.52105	99.5		3680	3595
58	13C-PCB-209		1475097	800927	674171	1.19	NO	33.61	1.08	33.58	33.65	101.73014	101.7		368	354
59	13C-PCB-9		3725836	2262672	1463164	1.55	NO	11.81	0.47	11.78	11.85	108.41055	108.4		9155	3271
60	13C-PCB-52		1962338	901785	1060553	0.85	NO	16.94	0.68	16.90	16.97	107.08998	107.1		8983	4311
61	13C-PCB-101		1540752	945761	594991	1.59	NO	20.62	0.83	20.59	20.66	106.02887	106.0		1958	2449
62	13C-PCB-138		1989864	1133185	856679	1.32	NO	24.87	0.00	24.83	24.90	107.89891	107.9		2657	1803
63	13C-PCB-194		1257633	580970	676663	0.86	NO	31.11	1.25	31.07	31.14	110.52895	110.5		2928	3606
64	Total MoCB-F1			0											2608	
65	Total DiCB-F1	5		25445858								1818434.609...			2472	
66	Total DiCB-F2	7		44173145								184169.63049			4600	
67	Total TrCB-F1	4		23241834								17460.49333			1815	
68	Total TrCB-F3	9		98200335								127458760.1...			4762	
69	Total TeCB-F2	3		24081274								7399.17730			1493	
70	Total TeCB-F4	14		52173881								1127583.059...			3384	
71	Total PeCB-F3	6		32313841								17849.43809			1781	
72	Total PeCB-F5	18		153562909								4112658.672...			10843	
73	Total HxCB-F4	8		29718994								65194.91530			1518	
74	Total HxCB-F5	25		117582471								7950117.852...			10005	

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

Name: 5-200219A06, Date: 19-Feb-2020, Time: 17:39:45, ID: H5-20-CS5-004, Description: 1668A-CS5-019, 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	25		89882426								147668133.5...			2837	
76	Total HpCB-F6	7		21070535								2352728.469...			15204	
77	Total OcCB-F5	18		21283334								452991.00397			2278	
78	Total OcCB-F6	10		16180676								3496802.711...			5200	
79	Total NoCB-F6	7		27050598								33302.98921			11305	
80	Total DeCB-F7	1		14558082								2084.02619			490	
81	Total 13C-MoCB-F1	4		5008364								23985.99196			2497	
82	Total 13C-DiCB-F1	6		3731737								209.92333			9155	
83	Total 13C-DiCB-F2	1		2201709								102.50847			14672	
84	Total 13C-TrCB-F1	1		956557								99.04661			44925	
85	Total 13C-TrCB-F3	4		4837139								10325.35439			39894	
86	Total 13C-TeCB-F2	1		1145027								99.05309			9540	
87	Total 13C-TeCB-F3	7		943073								111.55046			8983	
88	Total 13C-TeCB-F4	7		2370926								53514.41279			9527	
89	Total 13C-PeCB-F3	4		1413402								8947.14497			2077	
90	Total 13C-PeCB-F4	11		2915791								309.90590			1958	
91	Total 13C-PeCB-F5	13		7190481								130907.14783			4170	
92	Total 13C-HxCB-F4	4		1441166								11594.57193			1320	
93	Total 13C-HxCB-F5	18		7733191								640.97366			2657	
94	Total 13C-HpCB-F5	17		2047698								89709.15286			2942	
95	Total 13C-HpCB-F6	11		1075702								186302.69594			5016	
96	Total 13C-OcCB-F5	15		993835								25196.36614			1622	
97	Total 13C-OcCB-F6	8		1407349								227.12590			2928	
98	Total 13C-NoCB-F6	5		985559								3138.16828			3680	
99	Total 13C-DeCB-F7	1		800927								101.73014			368	
100	Lockmass F1			0											16719...	
101	Lockmass F2			0											615450	
102	Lockmass F3			0											12878...	
103	Lockmass F4			0											983769	
104	Lockmass F5			0											206786	
105	Lockmass F6			0											238397	
106	Lockmass F7			0											48738	

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

Name: 5-200219A07, Date: 19-Feb-2020, Time: 18:21:51, ID: H5-20-RS1-004, Description: 1668A-RS1-019, 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		2133186	1607716	525471	3.06	NO	8.87	1.00	8.84	8.90	54.50013	109.0		1769	2008
2	PCB-3		2115520	1589154	526366	3.02	NO	10.40	1.00	10.36	10.43	54.84521	109.7		1769	2008
3	PCB-4		1091756	644536	447220	1.44	NO	10.56	1.00	10.53	10.60	55.37277	110.7		1600	7147
4	PCB-15		1906389	1168427	737962	1.58	NO	14.23	1.00	14.20	14.27	55.58000	111.2		2183	7064
5	PCB-19		1276658	655347	621312	1.05	NO	12.55	1.00	12.52	12.59	56.75887	113.5		5053	4975
6	PCB-37		1740590	886020	854570	1.04	NO	18.19	1.00	18.16	18.22	55.46963	110.9		5481	6875
7	PCB-54		1497730	661352	836378	0.79	NO	14.42	1.00	14.38	14.45	56.20302	112.4		1610	1798
8	PCB-81		1524595	661043	863551	0.77	NO	21.78	1.00	21.74	21.81	52.67463	105.3		1646	3340
9	PCB-77		1484169	641628	842542	0.76	NO	22.08	1.00	22.05	22.12	52.25325	104.5		1646	3340
10	PCB-104		1326134	808863	517271	1.56	NO	17.49	1.00	17.46	17.53	50.56811	101.1		1385	2130
11	PCB-123		1249672	765141	484531	1.58	NO	23.09	1.00	23.06	23.12	53.18224	106.4		2365	2826
12	PCB-118		1324229	809874	514355	1.57	NO	23.26	1.00	23.23	23.29	53.01036	106.0		2365	2826
13	PCB-114		1304074	799672	504402	1.59	NO	23.56	1.00	23.53	23.59	54.63608	109.3		2365	2826
14	PCB-105		1257202	767920	489283	1.57	NO	23.90	1.00	23.87	23.93	52.47867	105.0		2365	2826
15	PCB-126		1262900	773618	489282	1.58	NO	25.50	1.00	25.46	25.53	52.30724	104.6		2365	2826
16	PCB-155		1397061	776467	620594	1.25	NO	20.52	1.00	20.49	20.55	52.60856	105.2		1179	1253
17	PCB-167		1378373	742832	635541	1.17	NO	26.43	1.00	26.39	26.46	52.38311	104.8		1548	1659
18	PCB-156/157		2713605	1462724	1250881	1.17	NO	27.04	1.00	27.01	27.08	104.34608	104.3		1548	1659
19	PCB-169		1316465	709588	606877	1.17	NO	28.71	1.00	28.68	28.74	53.45850	106.9		1548	1659
20	PCB-188		1131344	569406	561939	1.01	NO	23.53	1.00	23.49	23.56	52.40586	104.8		3097	2295
21	PCB-189		1046333	529730	516602	1.03	NO	29.99	1.00	29.96	30.02	55.07333	110.1		5232	5757
22	PCB-202		1221145	578775	642371	0.90	NO	26.30	1.00	26.27	26.34	54.61748	109.2		1268	1738
23	PCB-205		776552	372778	403775	0.92	NO	31.40	1.00	31.36	31.43	52.15914	104.3		1956	1939
24	PCB-208		877261	395627	481634	0.82	NO	29.74	1.00	29.70	29.77	50.66305	101.3		2210	3337
25	PCB-206		625275	281225	344050	0.82	NO	32.49	1.00	32.45	32.52	51.05472	102.1		2210	3337
26	PCB-209		766274	413998	352276	1.18	NO	33.64	1.00	33.61	33.68	59.69613	119.4		255	411
27	13C-PCB-31		3223006	1654606	1568400	1.05	NO	15.77	0.87	15.74	15.81	98.03604	98.0		52630	17445
28	13C-PCB-95		1391572	856980	534592	1.60	NO	19.09	1.09	19.05	19.12	97.62733	97.6		1821	1750
29	13C-PCB-153		2218956	1261116	957840	1.32	NO	24.20	1.18	24.17	24.24	98.16535	98.2		2976	2525
30	13C-PCB-28		3269052	1667984	1601069	1.04	NO	15.94	0.94	15.90	15.97	98.75325	98.8		52630	17445
31	13C-PCB-111		1864397	1153091	711305	1.62	NO	22.03	1.07	21.99	22.06	99.31344	99.3		1821	1750
32	13C-PCB-178		1650826	846741	804085	1.05	NO	25.08	1.01	25.05	25.12	99.90644	99.9		2354	1443
33	13C-PCB-1		3363124	2505880	857244	2.92	NO	8.87	0.75	8.84	8.90	99.03786	99.0		1927	10871
34	13C-PCB-3		3251376	2424403	826973	2.93	NO	10.38	0.88	10.35	10.42	99.57940	99.6		1927	10871
35	13C-PCB-4		2412345	1479006	933339	1.58	NO	10.55	0.89	10.52	10.58	99.04321	99.0		5881	3043
36	13C-PCB-15		3527171	2198498	1328673	1.65	NO	14.22	1.20	14.19	14.26	100.55760	100.6		15643	4466
37	13C-PCB-19		1979900	992799	987100	1.01	NO	12.55	1.06	12.52	12.59	100.91542	100.9		41191	42339

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

Name: 5-200219A07, Date: 19-Feb-2020, Time: 18:21:51, ID: H5-20-RS1-004, Description: 1668A-RS1-019, 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
38	13C-PCB-37		3152408	1609787	1542620	1.04	NO	18.17	1.07	18.14	18.20	101.60570	101.6		52630	17445
39	13C-PCB-54		2663860	1175522	1488339	0.79	NO	14.41	0.85	14.37	14.44	99.66266	99.7		11265	6305
40	13C-PCB-81		2609942	1178974	1430968	0.82	NO	21.77	1.06	21.74	21.80	102.03685	102.0		11064	7225
41	13C-PCB-77		2596883	1172915	1423968	0.82	NO	22.06	1.07	22.03	22.10	101.45291	101.5		11064	7225
42	13C-PCB-104		2403571	1469305	934266	1.57	NO	17.49	1.03	17.45	17.52	99.60989	99.6		2341	1802
43	13C-PCB-123		2454304	1502532	951771	1.58	NO	23.08	1.12	23.04	23.11	102.26445	102.3		3923	3221
44	13C-PCB-118		2415752	1492277	923475	1.62	NO	23.25	1.13	23.21	23.28	102.10296	102.1		3923	3221
45	13C-PCB-114		2302939	1425834	877105	1.63	NO	23.55	0.95	23.52	23.58	101.03578	101.0		3923	3221
46	13C-PCB-105		2369157	1460942	908215	1.61	NO	23.89	0.96	23.85	23.92	101.26842	101.3		3923	3221
47	13C-PCB-126		2256986	1391740	865246	1.61	NO	25.48	1.02	25.45	25.52	102.90670	102.9		3923	3221
48	13C-PCB-155		2679174	1488453	1190721	1.25	NO	20.51	0.99	20.48	20.54	99.13770	99.1		2026	1465
49	13C-PCB-167		2470763	1409064	1061700	1.33	NO	26.40	1.06	26.37	26.43	101.17051	101.2		2976	2525
50	13C-PCB-156/157		4776842	2734198	2042644	1.34	NO	27.03	1.09	27.00	27.06	203.05015	101.5		2976	2525
51	13C-PCB-169		2365404	1345509	1019895	1.32	NO	28.70	1.15	28.66	28.73	102.67908	102.7		2976	2525
52	13C-PCB-188		2346914	1207166	1139748	1.06	NO	23.51	0.95	23.48	23.55	98.86018	98.9		2354	1443
53	13C-PCB-189		1968803	1010422	958381	1.05	NO	29.98	0.96	29.94	30.01	102.52999	102.5		4845	6995
54	13C-PCB-202		2133651	1009800	1123852	0.90	NO	26.29	1.06	26.26	26.33	99.64241	99.6		2014	1649
55	13C-PCB-205		1740389	802957	937431	0.86	NO	31.38	1.01	31.35	31.42	100.00854	100.0		3224	3289
56	13C-PCB-208		1357712	597550	760162	0.79	NO	29.72	0.96	29.69	29.76	98.59243	98.6		3194	3052
57	13C-PCB-206		945462	421166	524296	0.80	NO	32.47	1.04	32.44	32.51	100.06422	100.1		3194	3052
58	13C-PCB-209		1468097	794256	673841	1.18	NO	33.61	1.08	33.58	33.65	99.09532	99.1		402	319
59	13C-PCB-9		3778282	2295538	1482745	1.55	NO	11.81	0.47	11.78	11.85	109.93658	109.9		5881	3043
60	13C-PCB-52		2007729	915420	1092309	0.84	NO	16.95	0.68	16.91	16.98	109.56703	109.6		8274	5794
61	13C-PCB-101		1598222	979808	618415	1.58	NO	20.63	0.83	20.60	20.66	109.98380	110.0		1821	1750
62	13C-PCB-138		2046863	1169786	877077	1.33	NO	24.88	0.00	24.85	24.91	110.98961	111.0		2976	2525
63	13C-PCB-194		1284945	592894	692051	0.86	NO	31.11	1.25	31.07	31.14	112.92931	112.9		3224	3289
64	Total MoCB-F1	3		3224356								31361.19779			1769	
65	Total DiCB-F1	3		670621								53133.44590			1600	
66	Total DiCB-F2	2		1182370								22444.18685			2183	
67	Total TrCB-F1	2		655694								563.40695			2032	
68	Total TrCB-F3	4		892575								13615.49287			2022	
69	Total TeCB-F2	1		661352								56.20302			1610	
70	Total TeCB-F4	9		1313936								23931.65178			1646	
71	Total PeCB-F3	1		808863								50.56811			1385	
72	Total PeCB-F5	11		3976493								95737.85964			2365	
73	Total HxCB-F4	2		776688								528.68864			1179	
74	Total HxCB-F5	6		2927826								21973.43277			1548	

Quantify Sample Summary Report

MassLynx MassLynx V4.1 SCN 901

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

Name: 5-200219A07, Date: 19-Feb-2020, Time: 18:21:51, ID: H5-20-RS1-004, Description: 1668A-RS1-019, 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
75	Total HpCB-F5	10		597550								60752.98576			1248	
76	Total HpCB-F6	8		556031								49986.53225			2088	
77	Total OcCB-F5	3		579748								2495.63957			1268	
78	Total OcCB-F6	4		402698								73590.73217			1956	
79	Total NoCB-F6	2		676852								101.71776			2210	
80	Total DeCB-F7	1		413998								59.69613			255	
81	Total 13C-MoCB-F1	3		4937447								11470.30464			1927	
82	Total 13C-DiCB-F1	4		3785388								209.87898			5881	
83	Total 13C-DiCB-F2	1		2198498								100.55760			15643	
84	Total 13C-TrCB-F1	3		1000934								30419.68390			41191	
85	Total 13C-TrCB-F3	6		4954971								25361.78563			52630	
86	Total 13C-TeCB-F2	1		1175522								99.66266			11265	
87	Total 13C-TeCB-F3	4		944858								113.07448			8274	
88	Total 13C-TeCB-F4	7		2390105								51522.16021			11064	
89	Total 13C-PeCB-F3	1		1469305								99.60989			2341	
90	Total 13C-PeCB-F4	9		3001159								310.77503			1821	
91	Total 13C-PeCB-F5	14		7416892								157819.56054			3923	
92	Total 13C-HxCB-F4	3		1495727								8281.43181			2026	
93	Total 13C-HxCB-F5	14		7974665								641.56334			2976	
94	Total 13C-HpCB-F5	8		2088416								68790.60606			2354	
95	Total 13C-HpCB-F6	9		1080977								157074.78006			4845	
96	Total 13C-OcCB-F5	8		1015011								11186.76228			2014	
97	Total 13C-OcCB-F6	9		1452770								234.27875			3224	
98	Total 13C-NoCB-F6	3		1019164								1231.31846			3194	
99	Total 13C-DeCB-F7	1		794256								99.09532			402	
100	Lockmass F1			0											15938...	
101	Lockmass F2			0											457921	
102	Lockmass F3			0											982232	
103	Lockmass F4			0											12956...	
104	Lockmass F5			0											198940	
105	Lockmass F6			0											339509	
106	Lockmass F7			0											54545	

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

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL

Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

Date	Time	Event	Details	Comments
20-Feb-20	11:09:18	Process Extract		
20-Feb-20	11:09:19	Process Integrate		
20-Feb-20	11:09:20	Process Calibrate		
20-Feb-20	11:09:20	Process Quantify		
20-Feb-20	11:09:20	Dataset Created		
20-Feb-20	11:09:33	Pre modification peak	Sample:5-200219A02, Compound:OcCB-F5, RT:26.293	
20-Feb-20	11:09:33	Peak modified	Sample:5-200219A02, Compound:OcCB-F5, RT:26.293	ES200220MB
20-Feb-20	11:09:55	Peak deleted	Sample:5-200219A06, Compound:MoCB-F1, RT:12.569	
20-Feb-20	11:09:55	Peak deleted	Sample:5-200219A06, Compound:MoCB-F1, RT:10.663	
20-Feb-20	11:09:55	Peak deleted	Sample:5-200219A06, Compound:MoCB-F1, RT:10.564	
20-Feb-20	11:09:55	Peak deleted	Sample:5-200219A06, Compound:MoCB-F1, RT:10.382	
20-Feb-20	11:09:55	Peak deleted	Sample:5-200219A06, Compound:MoCB-F1, RT:10.256	
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20-Feb-20	11:10:15	Dataset Saved	Saved to \\NABREWS002\Instdata\Organics Instrument\HIG...	
20-Feb-20	11:11:06	Calibration Saved	Saved to 'C:\MassLynx\PCB.PRO\CurveDB\5-200219A-ICAL....	
20-Feb-20	11:11:54	Dataset Saved	Saved to \\NABREWS002\Instdata\Organics Instrument\HIG...	

Dataset: \\NABREWS002\Instdata\Organics Instrument\HIGHRES GCMS Completed Results Files\HR-5\Network\2002\5-200219A-ICAL.qld

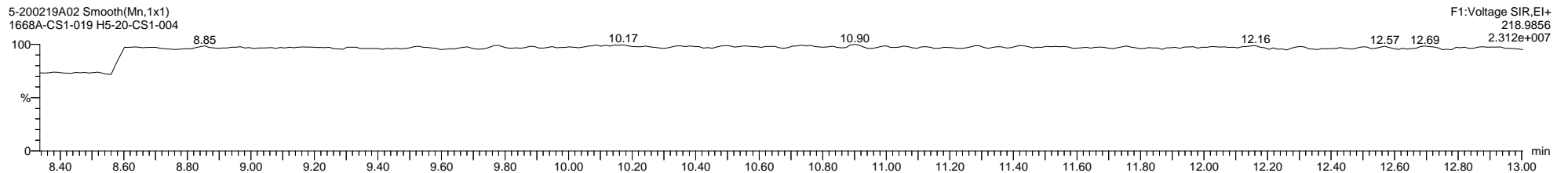
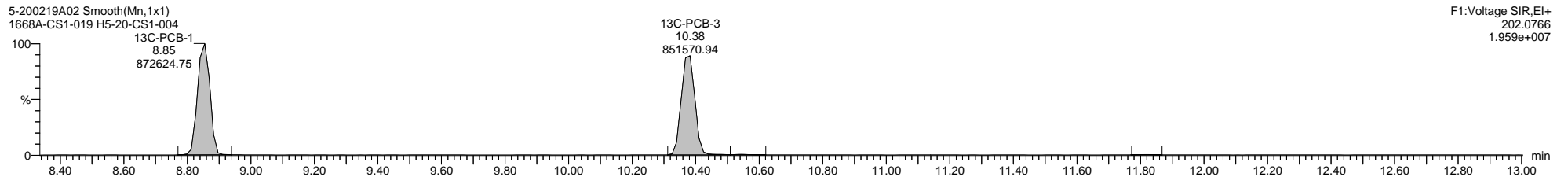
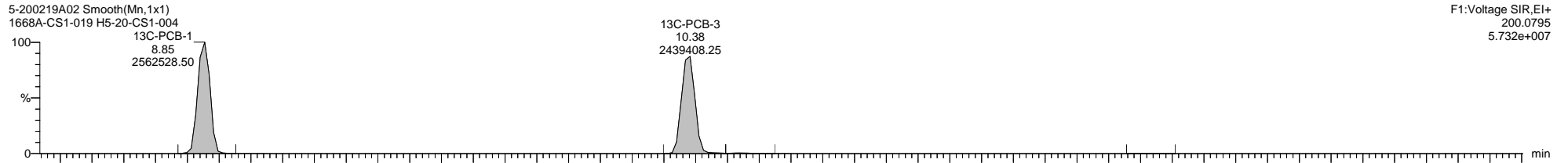
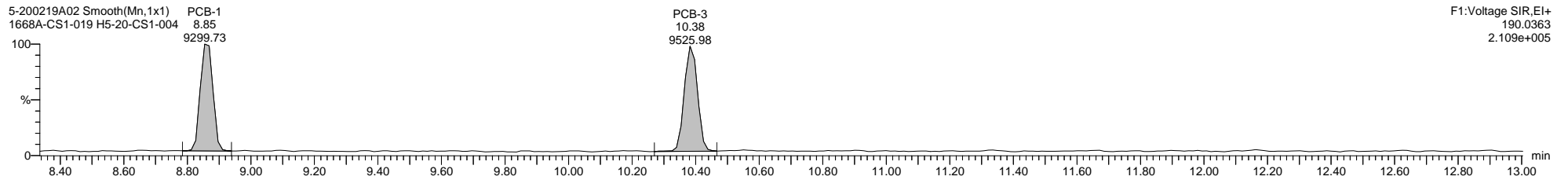
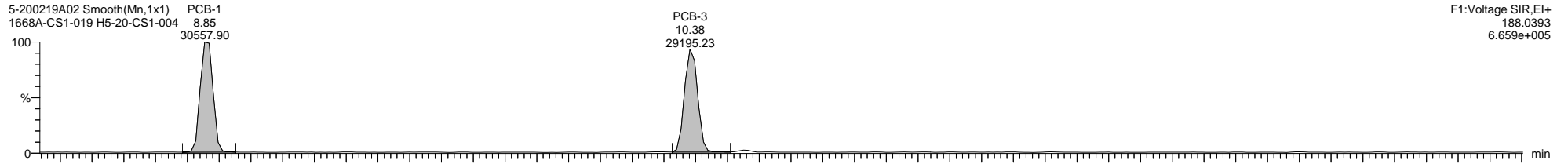
Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

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Calibration: C:\MassLynx\PCB.PRO\CurveDB\5-200219A-ICAL.cdb 20 Feb 2020 11:09:57

Name: 5-200219A02, Date: 19-Feb-2020, Time: 14:40:25, ID: H5-20-CS1-004, Description: 1668A-CS1-019, Vial: Tray1:40

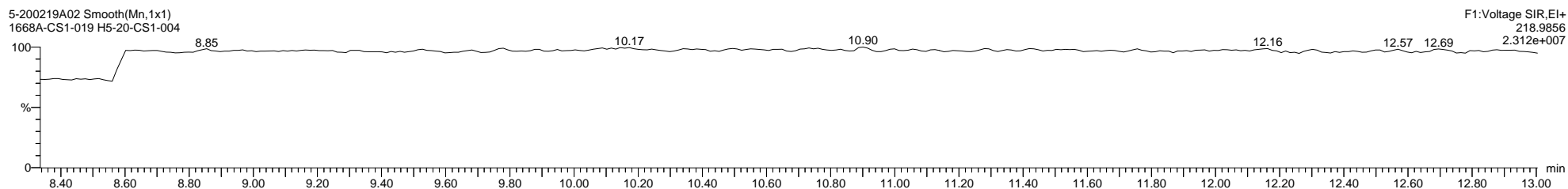
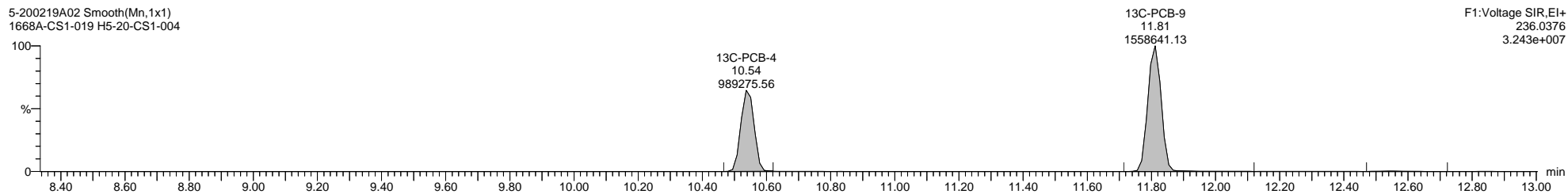
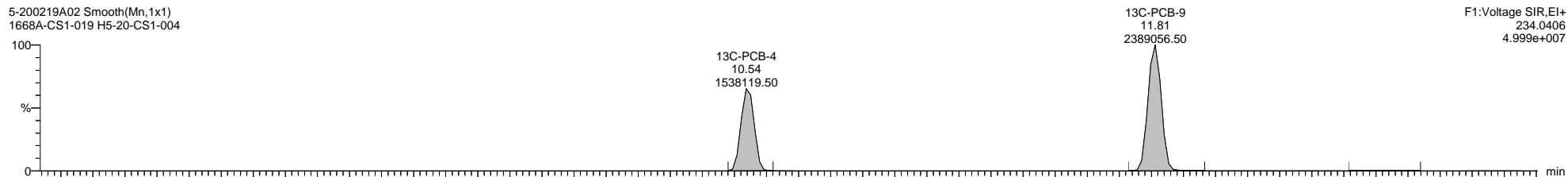
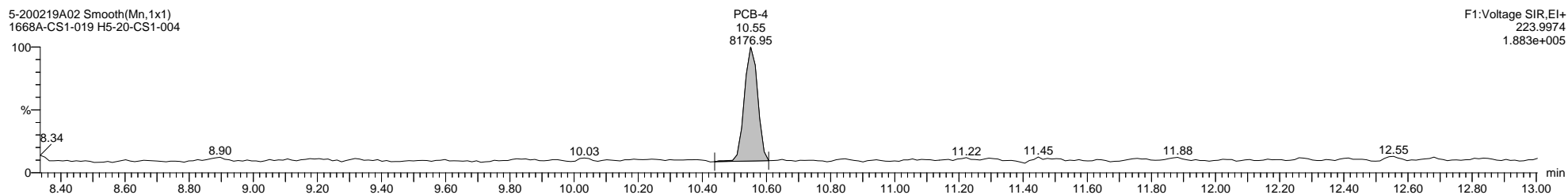
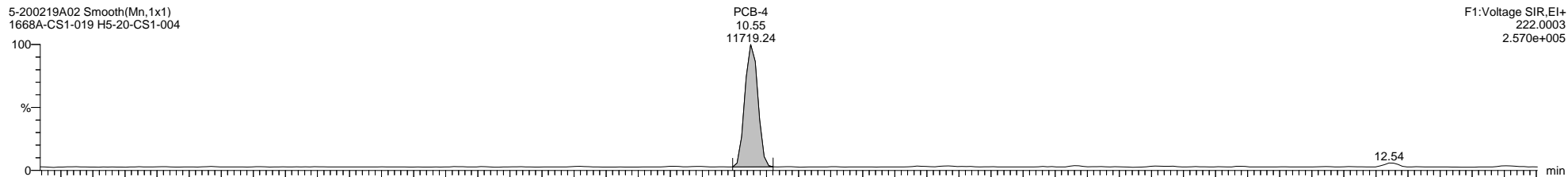


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Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

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Name: 5-200219A02, Date: 19-Feb-2020, Time: 14:40:25, ID: H5-20-CS1-004, Description: 1668A-CS1-019, Vial: Tray1:40



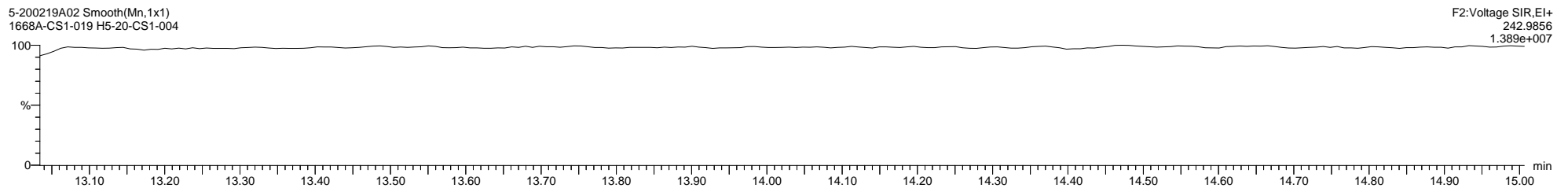
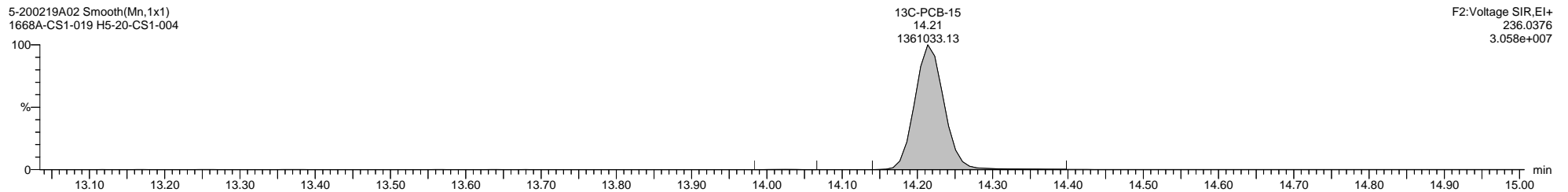
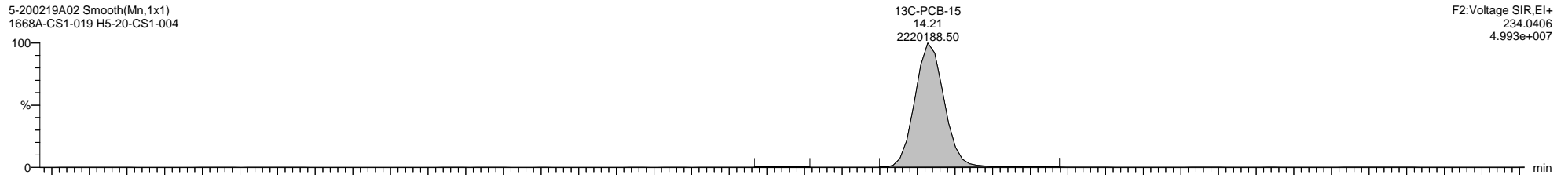
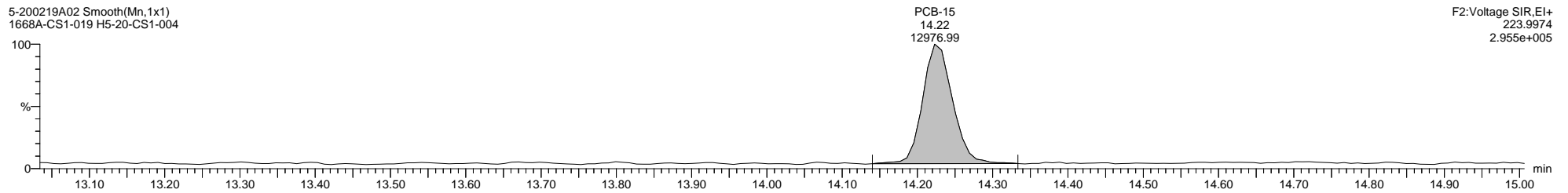
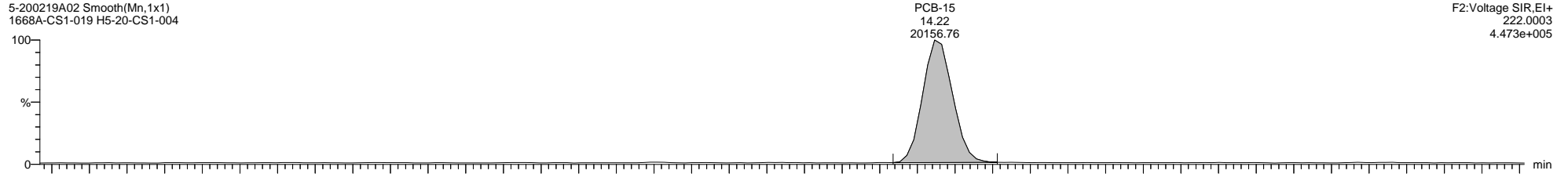


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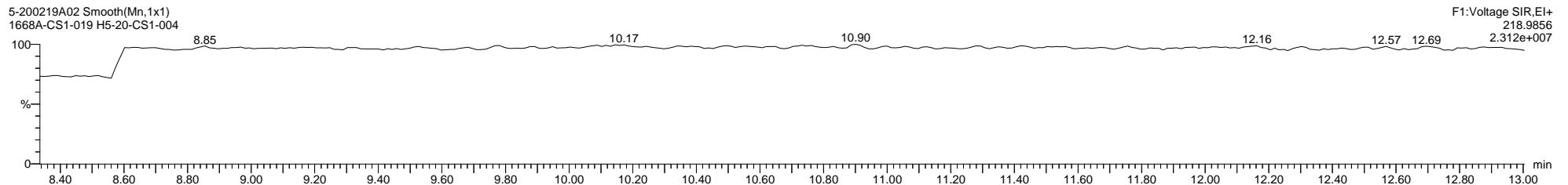
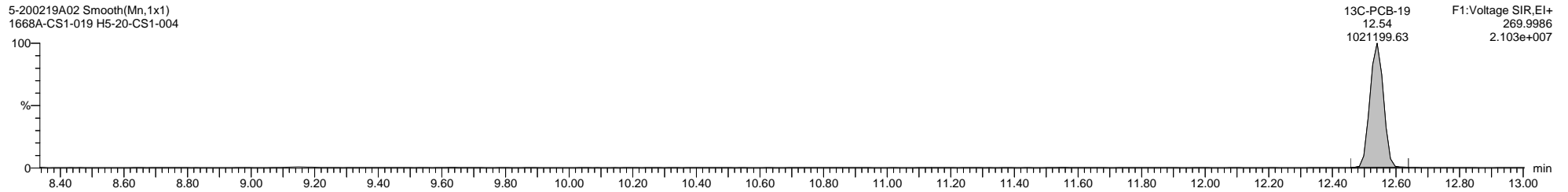
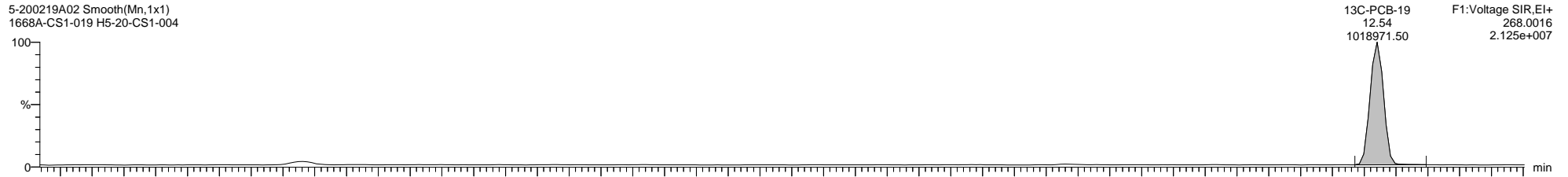
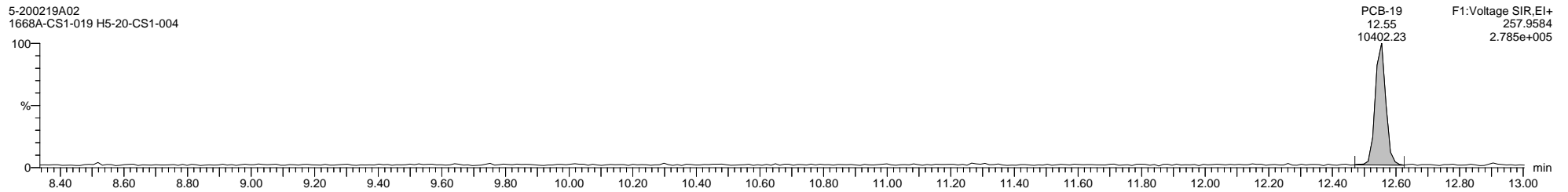
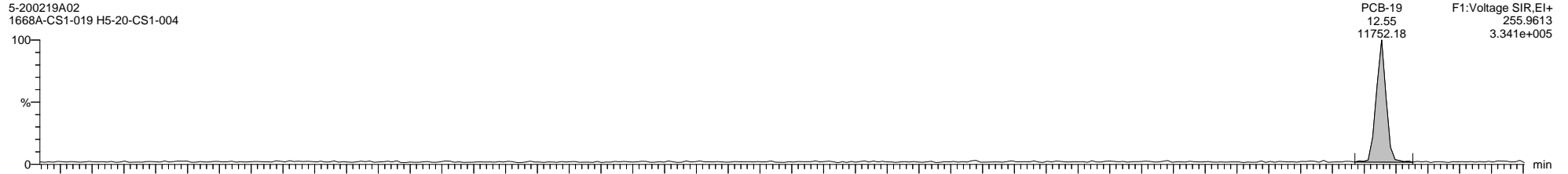


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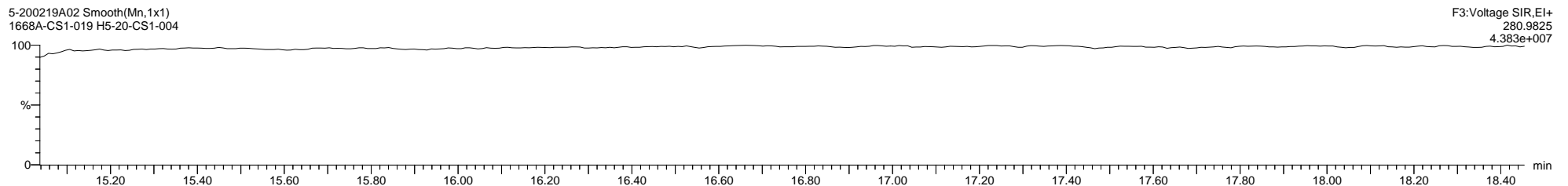
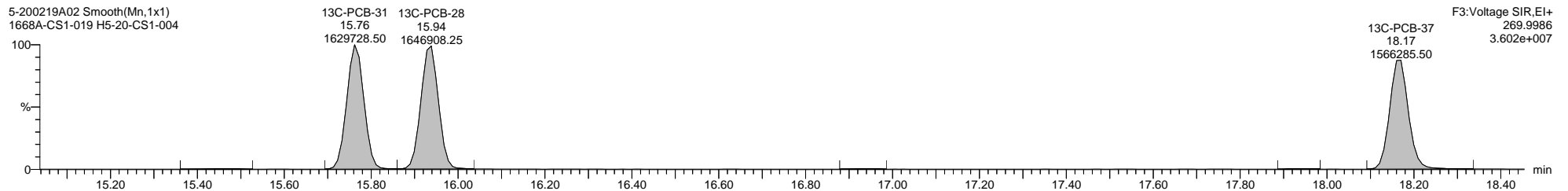
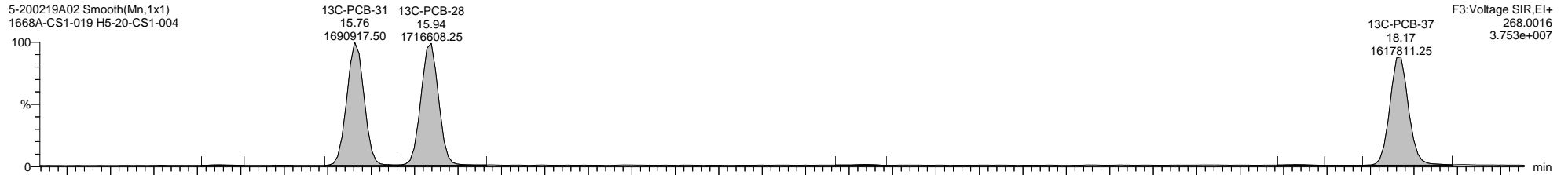
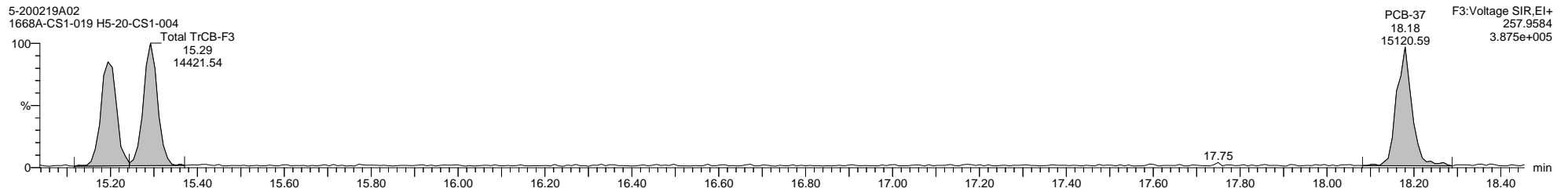
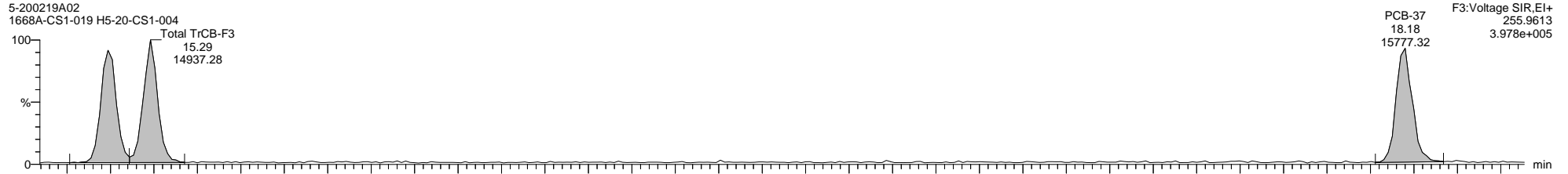


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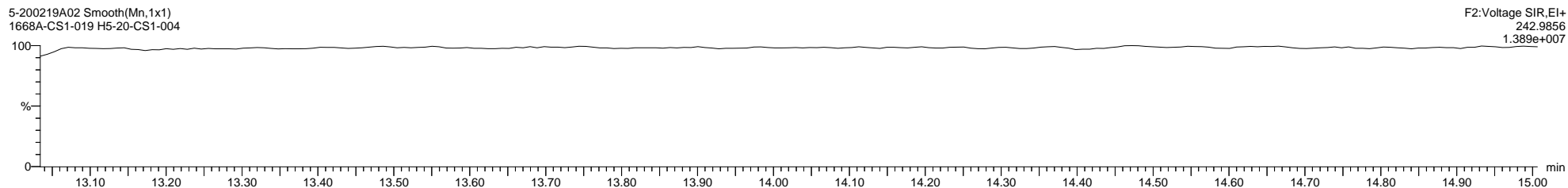
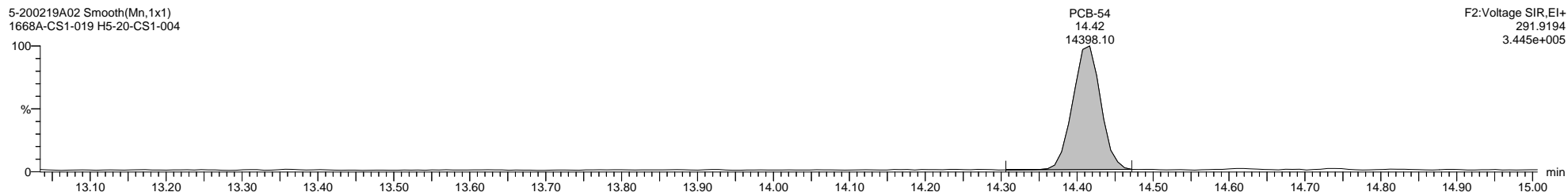
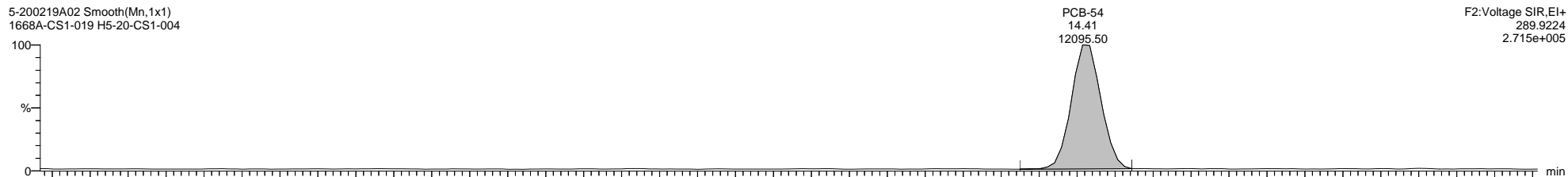
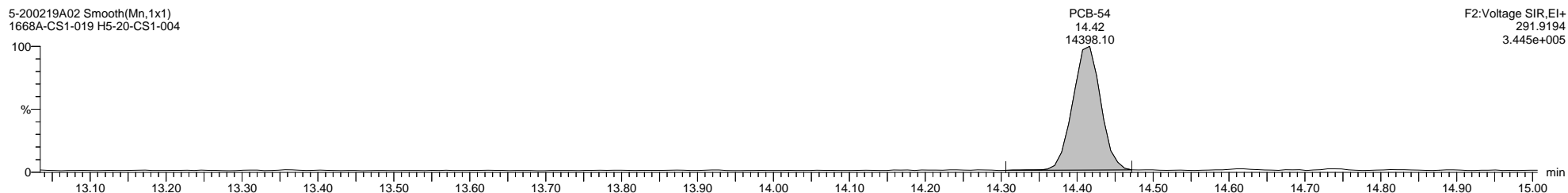
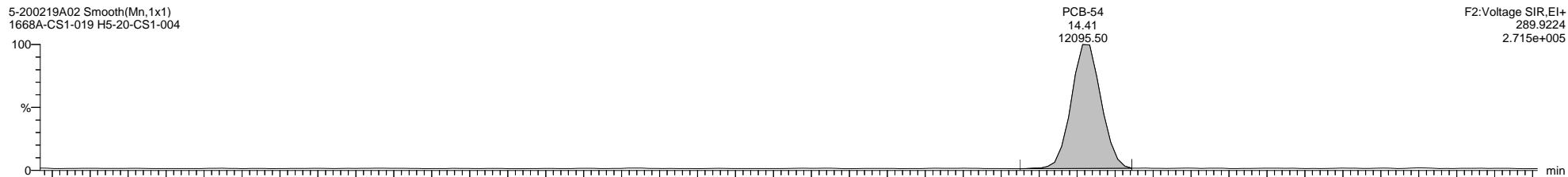


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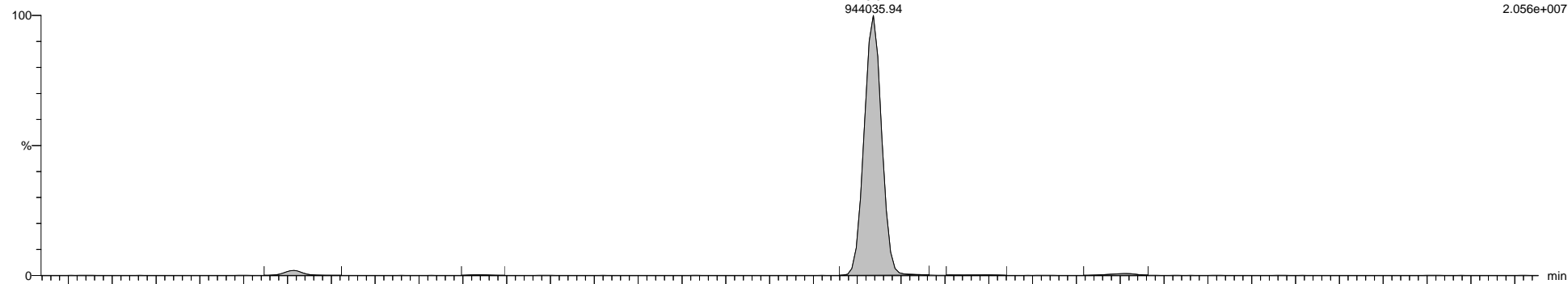
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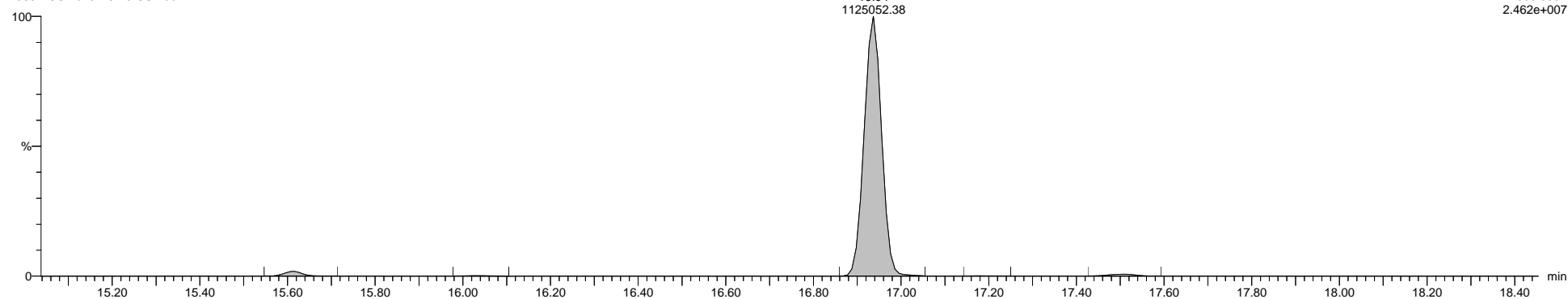
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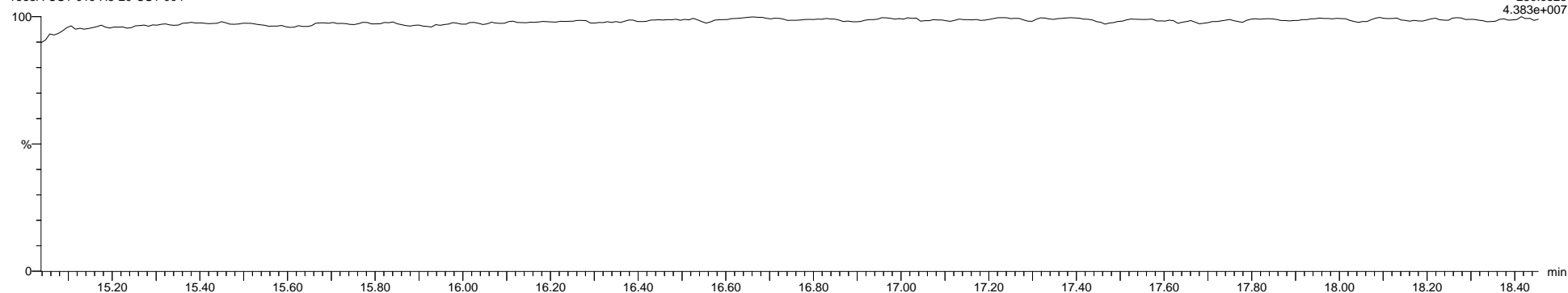
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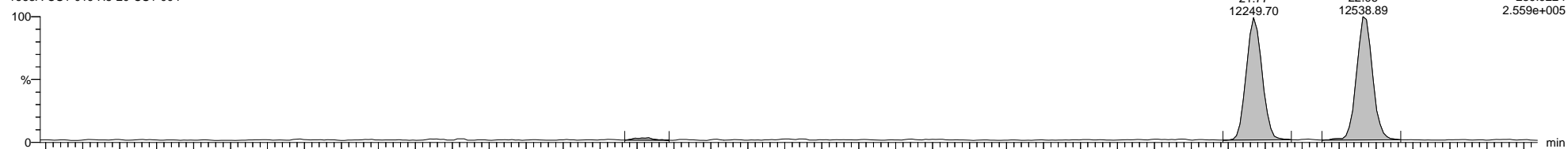
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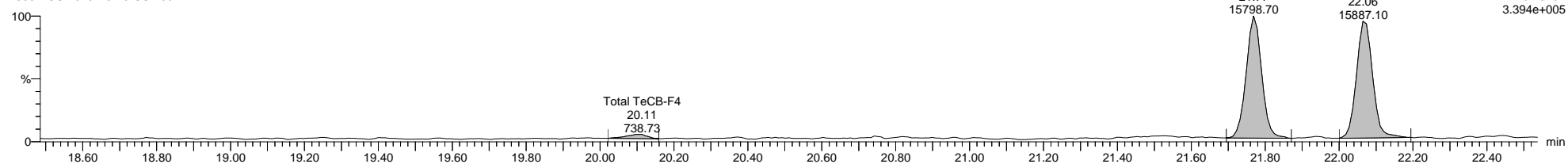
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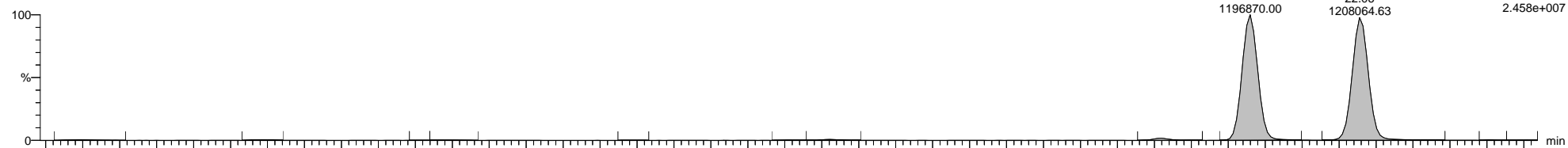
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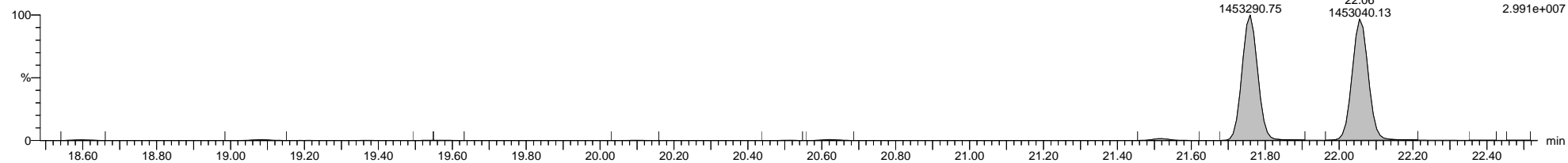
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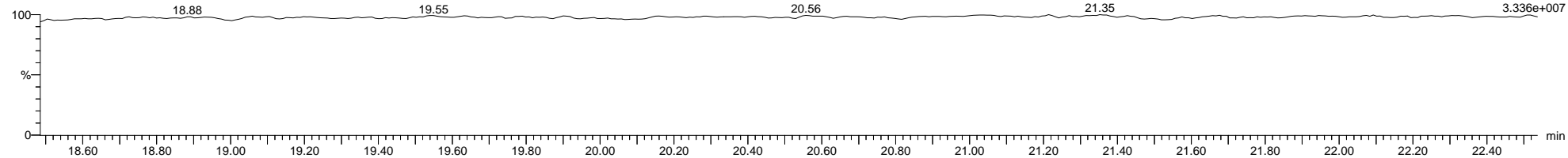
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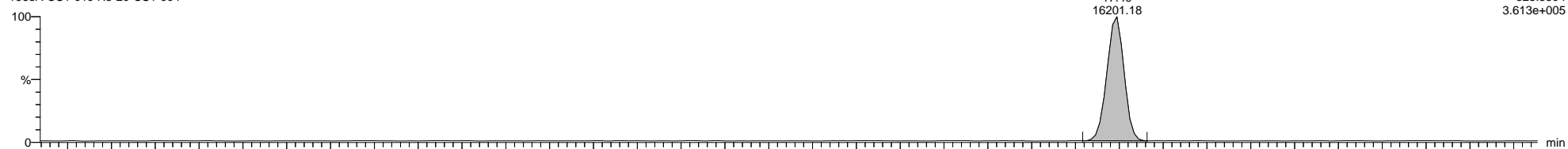
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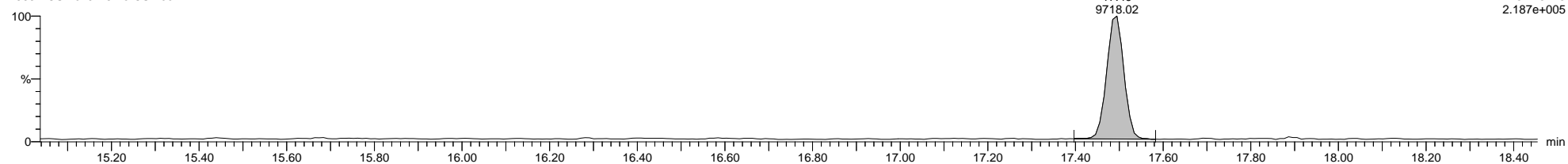
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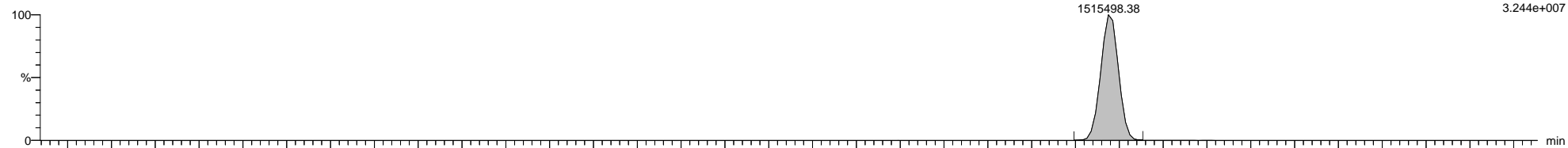
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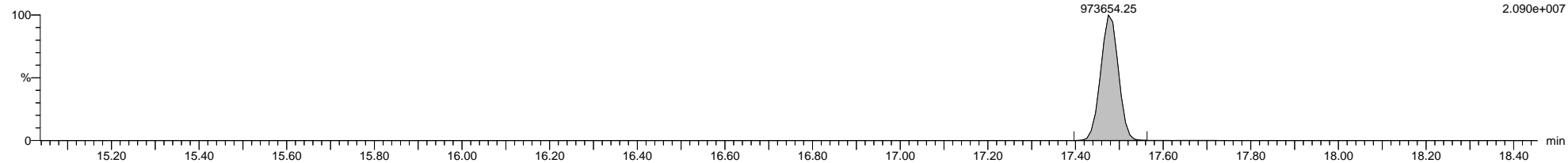
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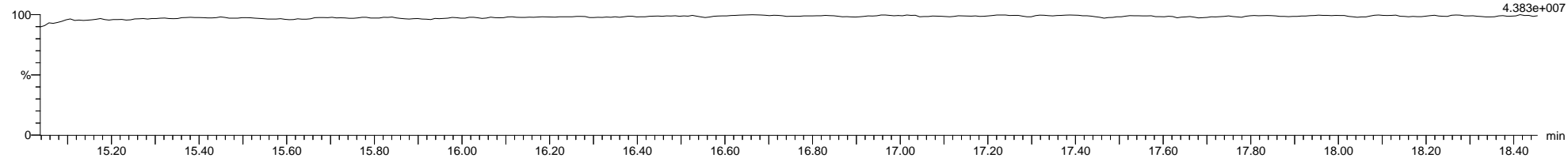
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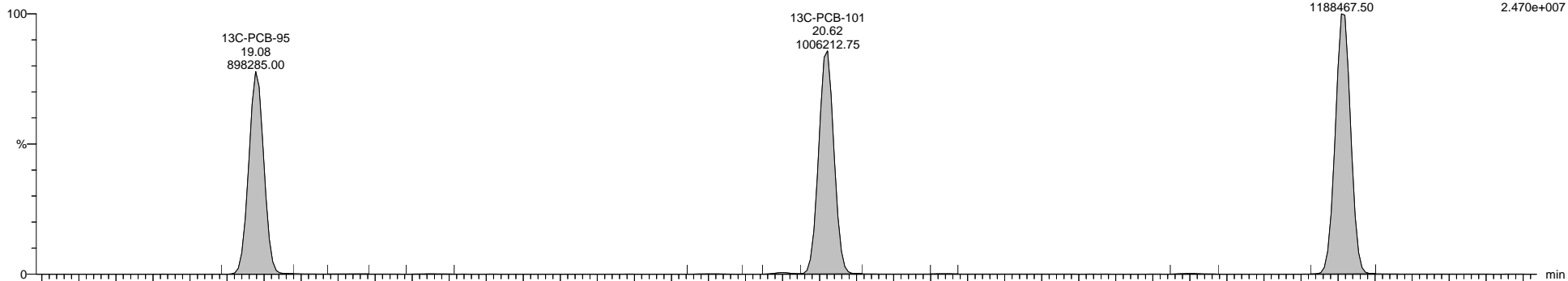
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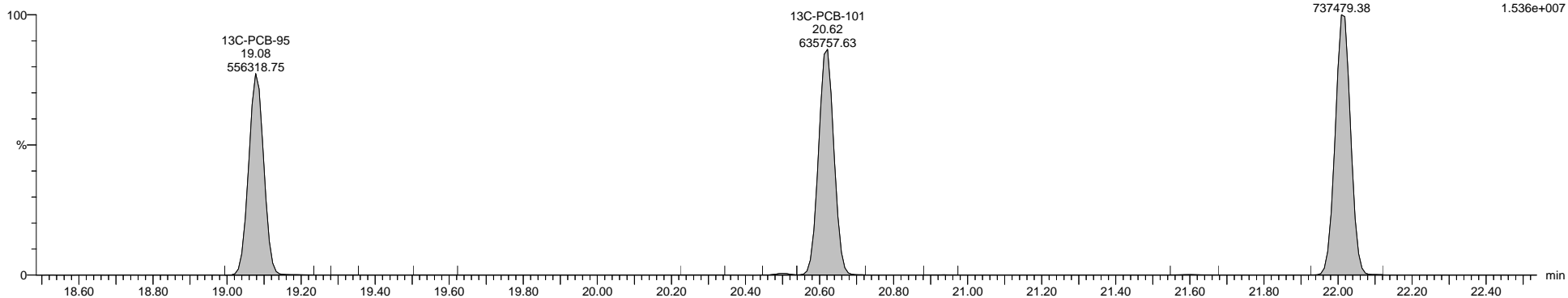
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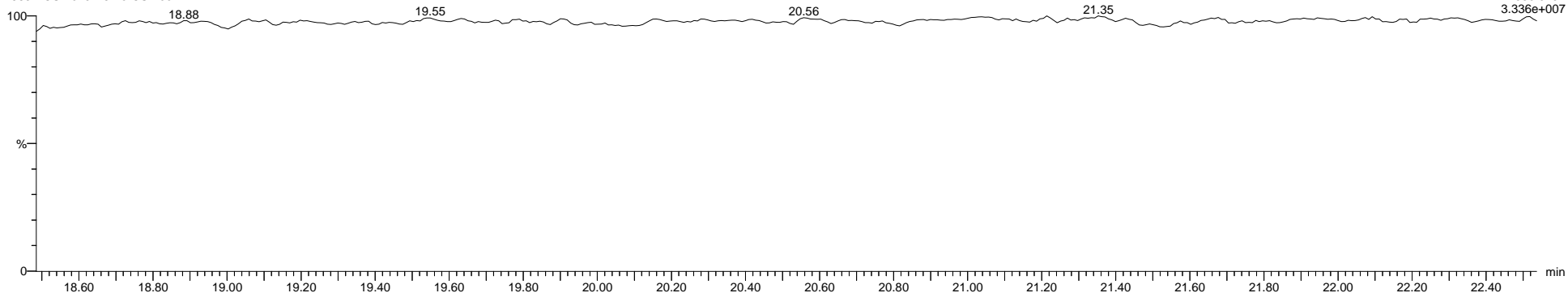
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Quantify Sample Template Report

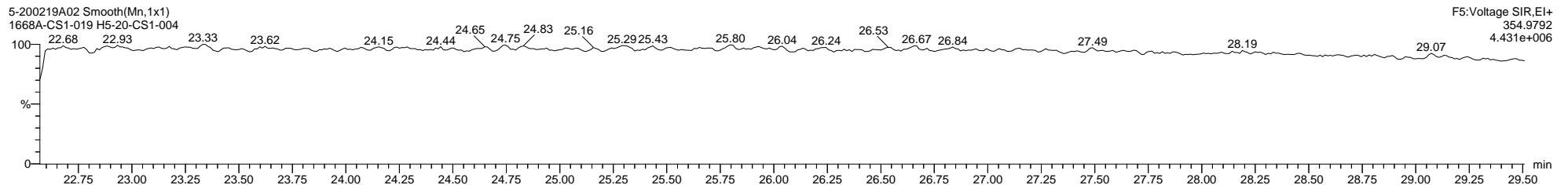
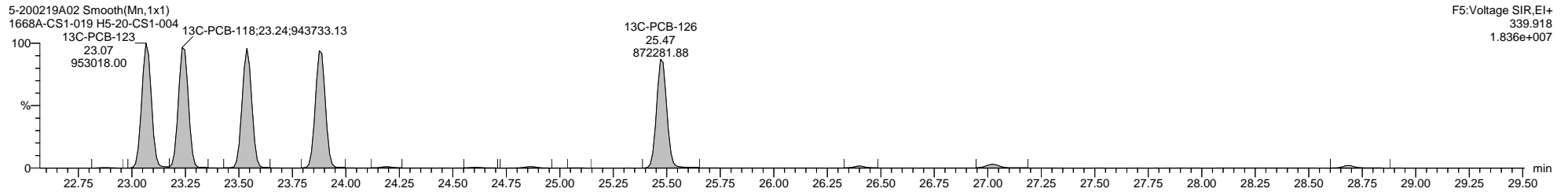
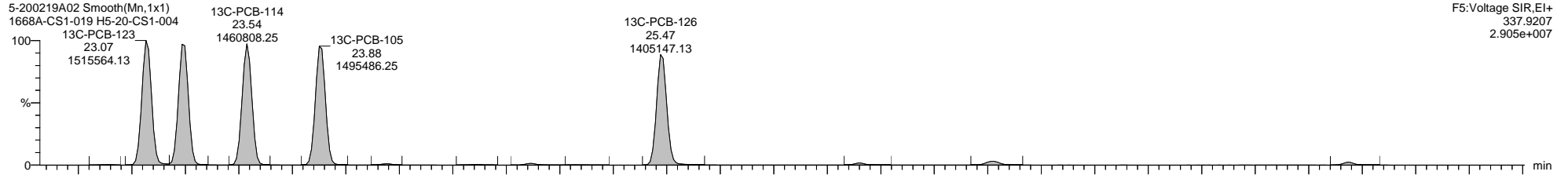
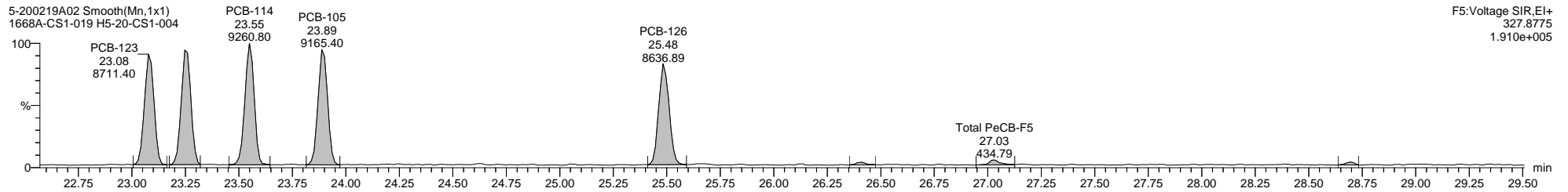
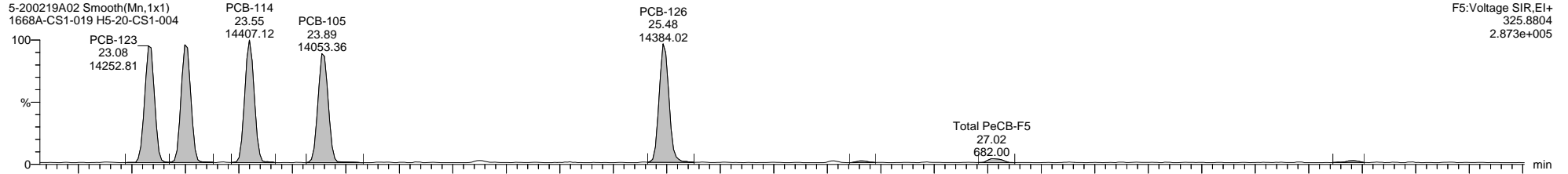
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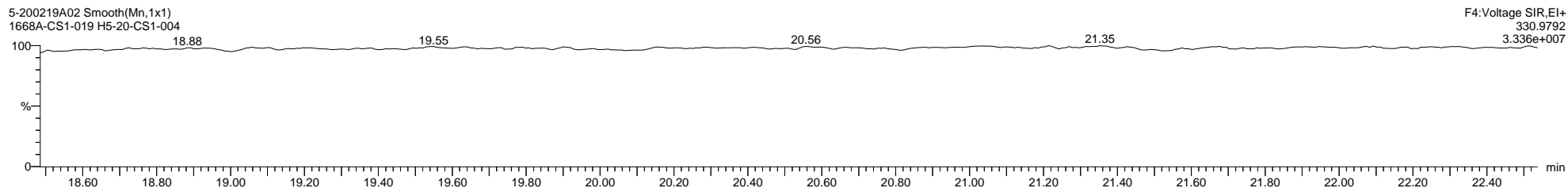
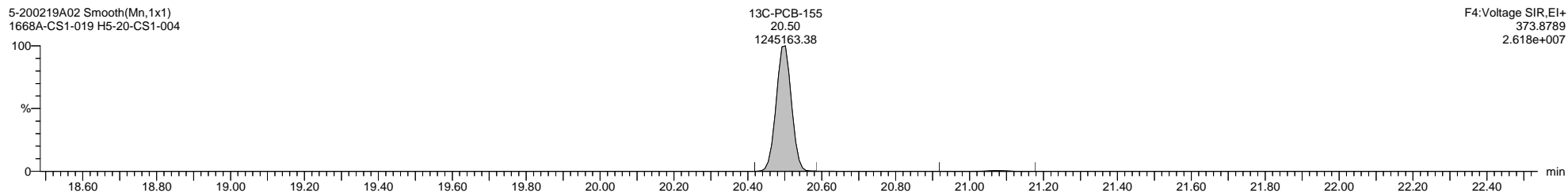
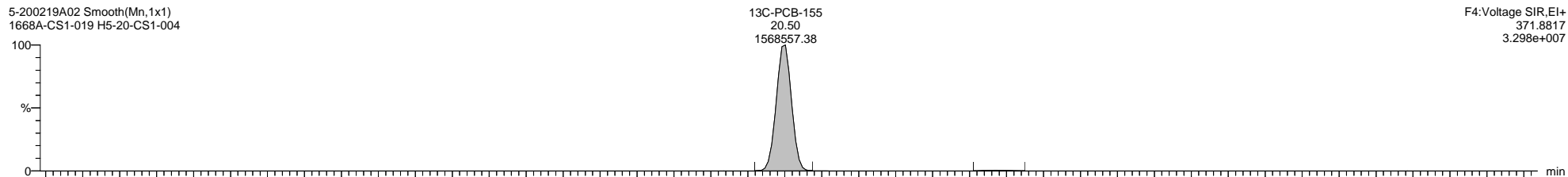
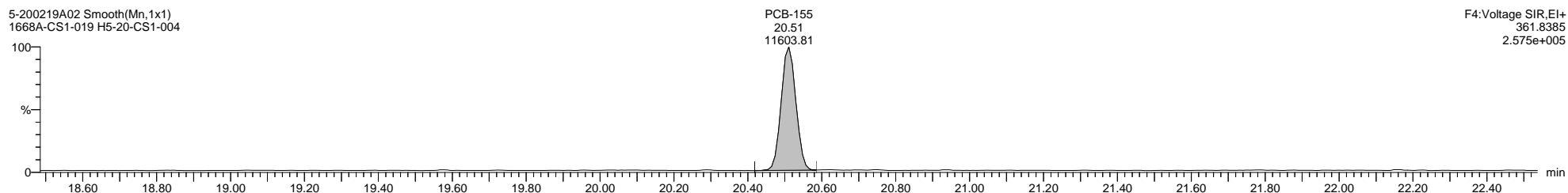
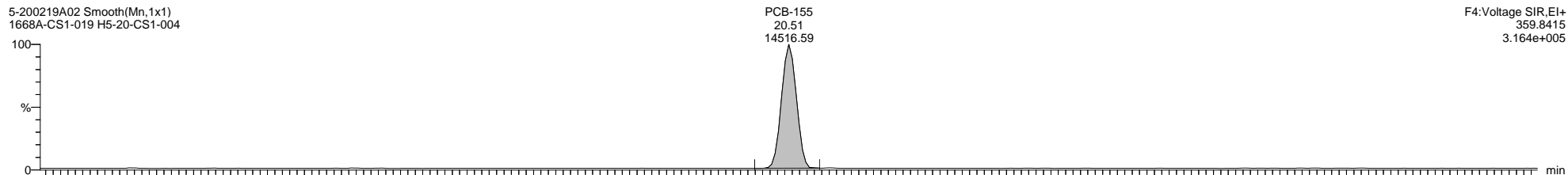


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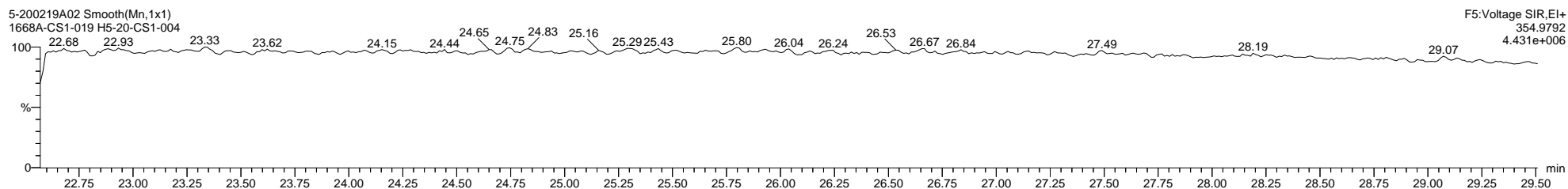
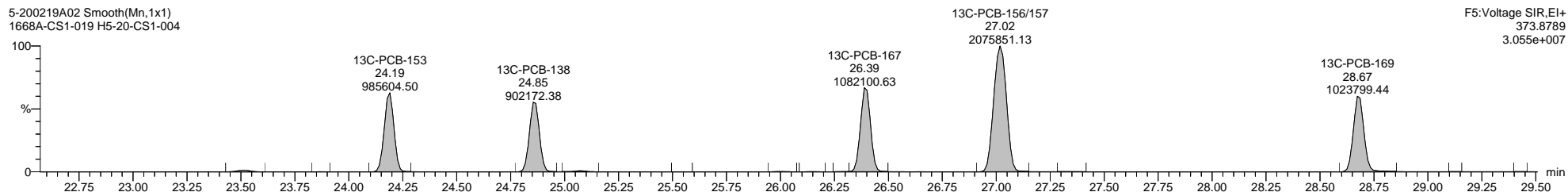
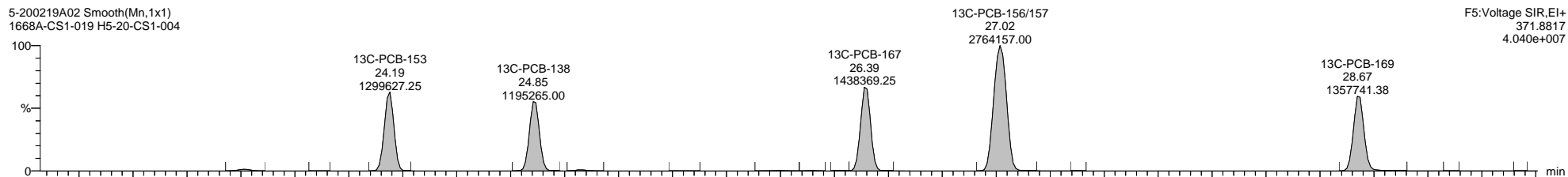
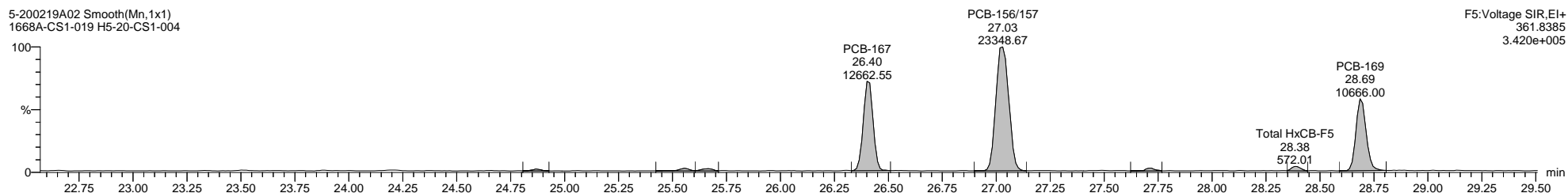
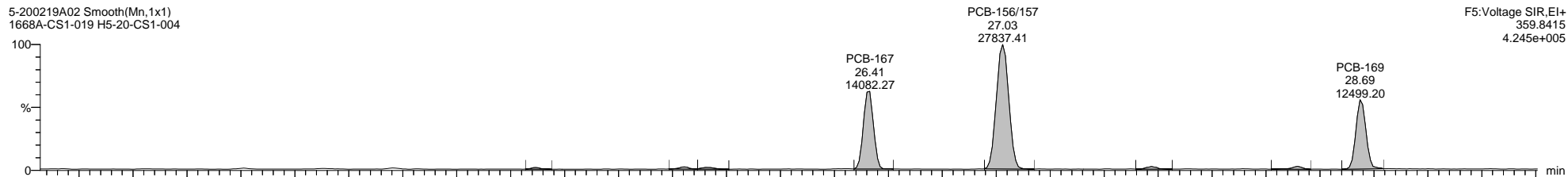
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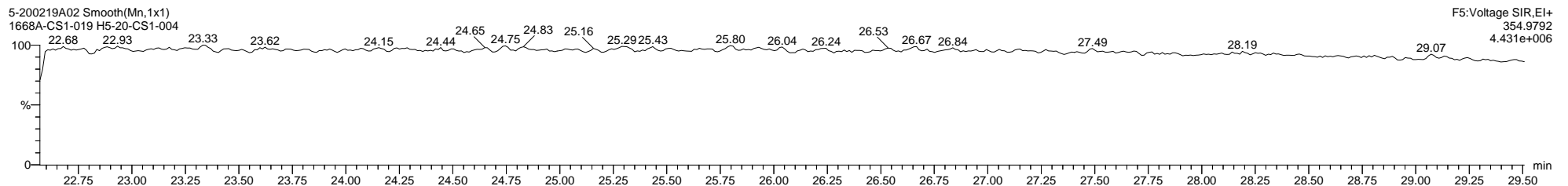
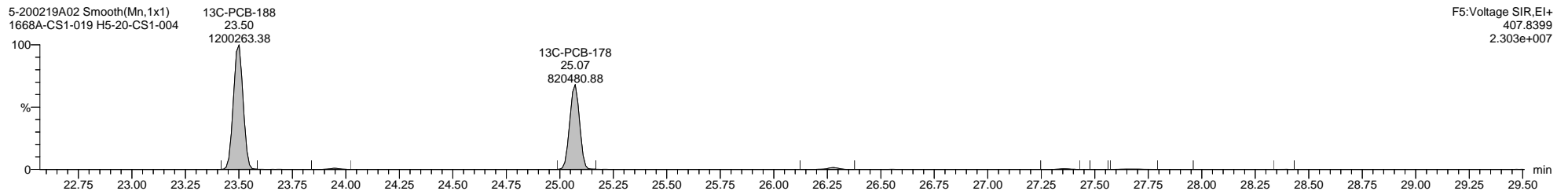
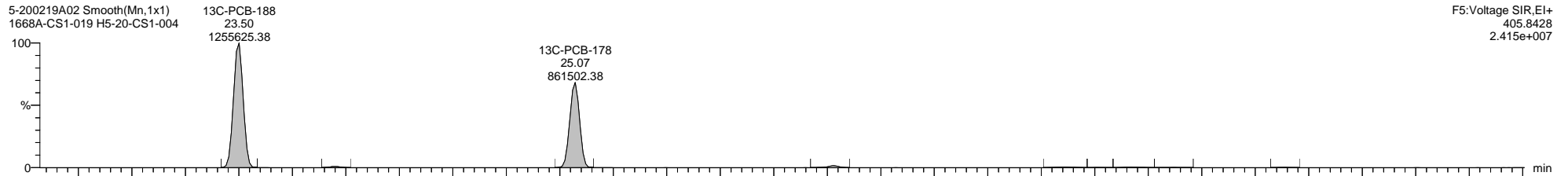
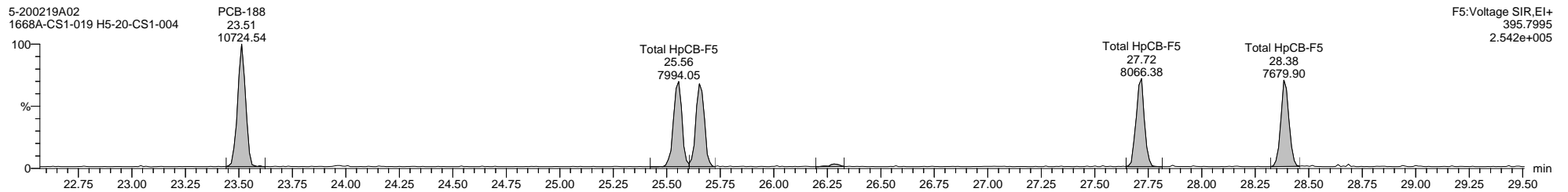
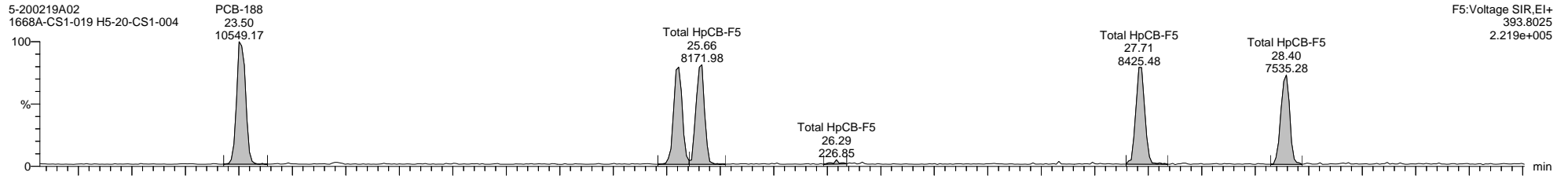


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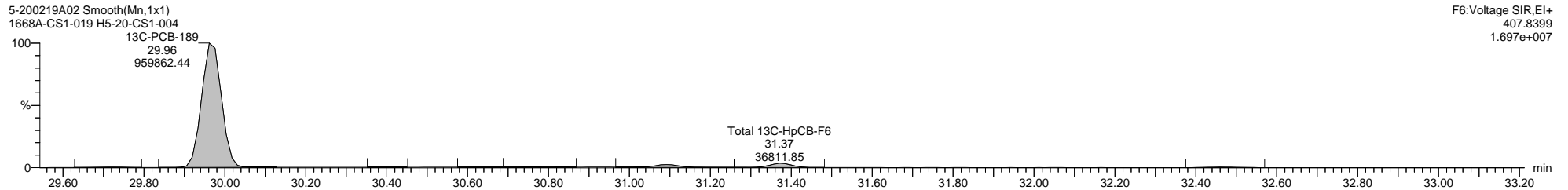
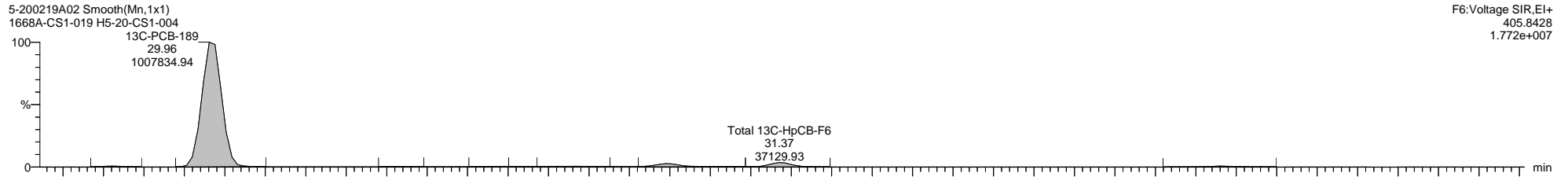
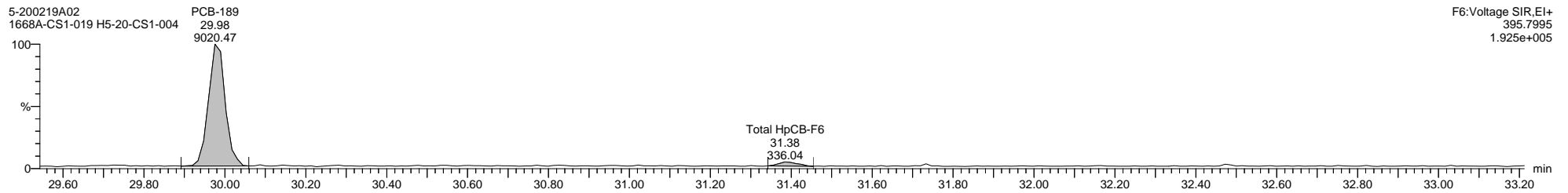
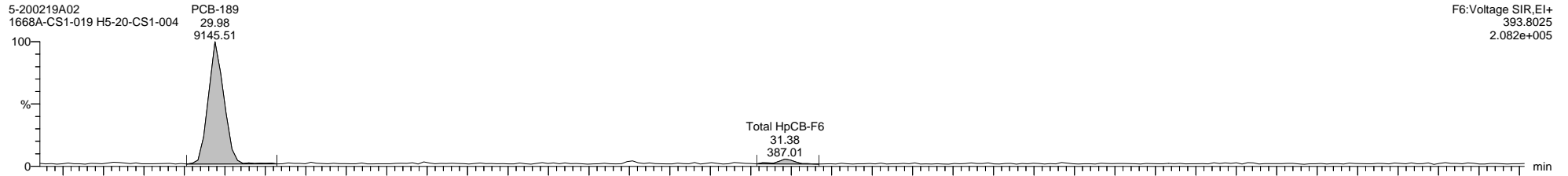
Quantify Sample Template Report MassLynx MassLynx V4.1 SCN 901

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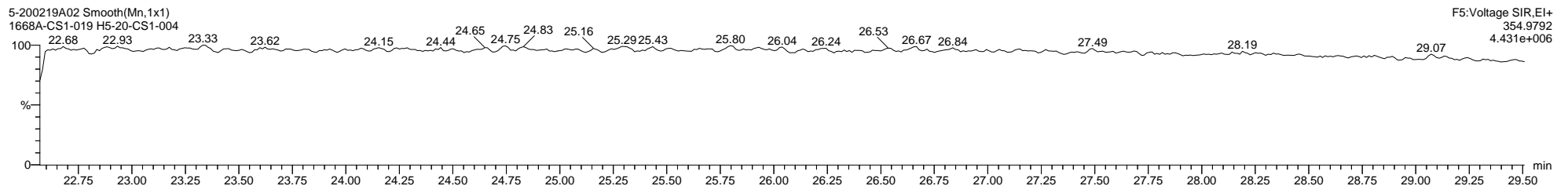
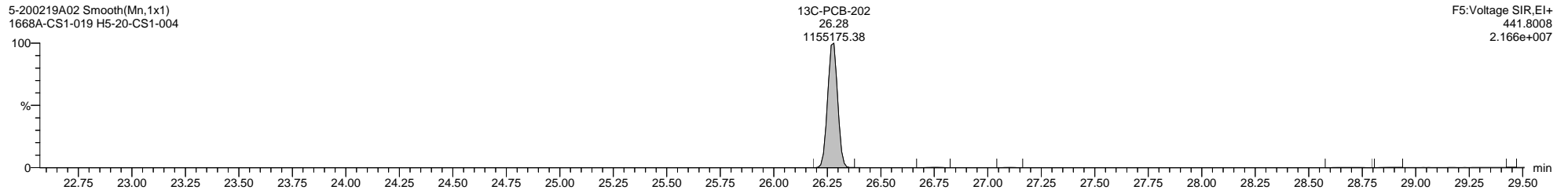
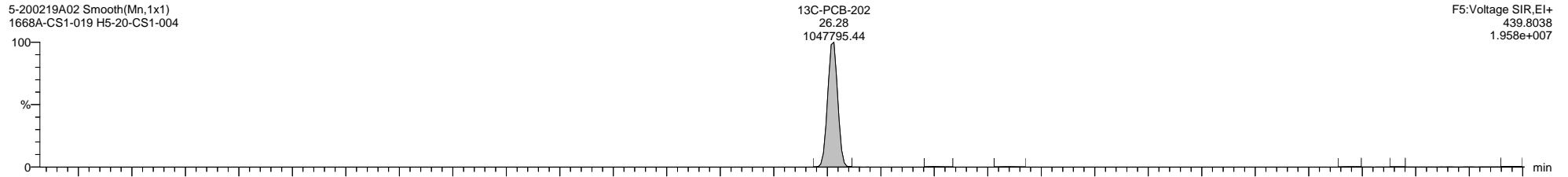
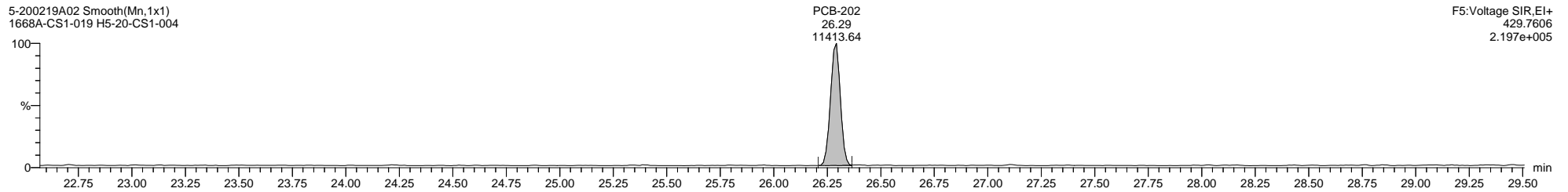
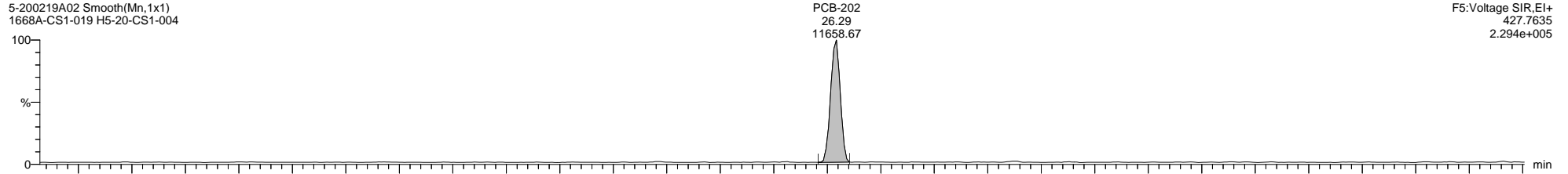


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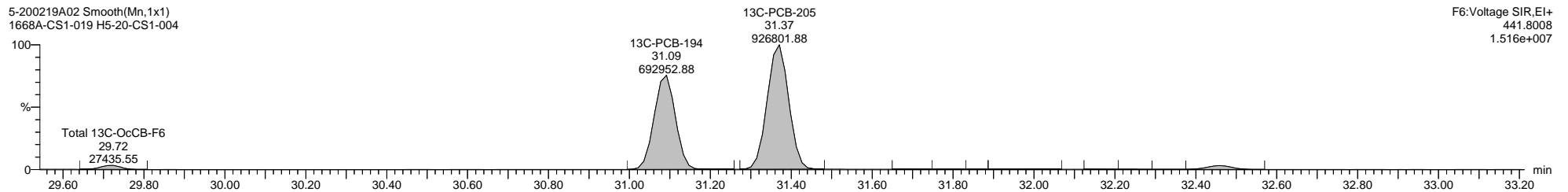
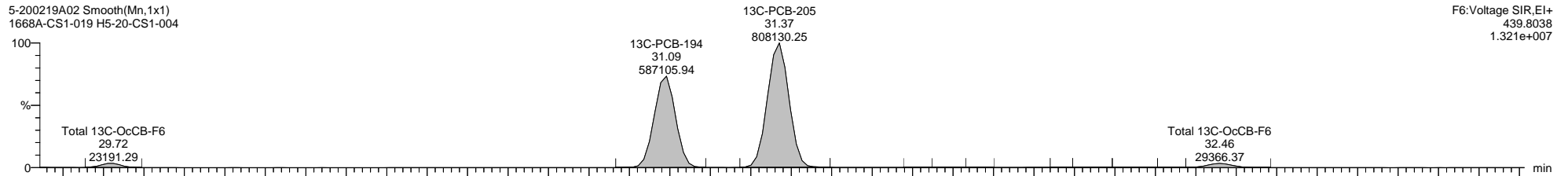
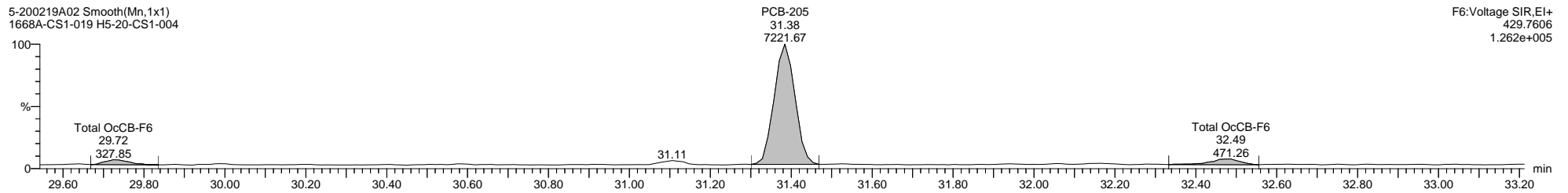
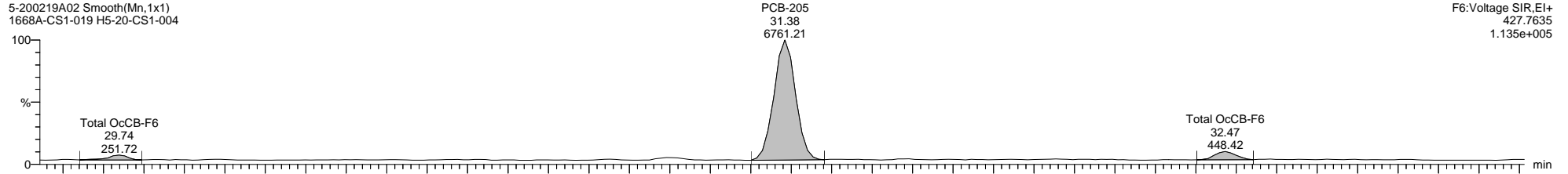


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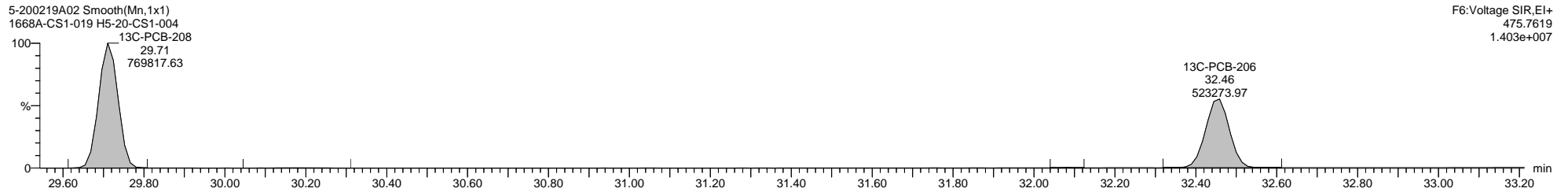
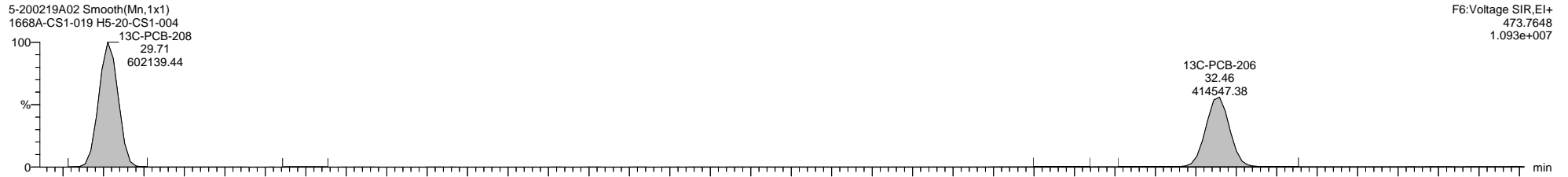
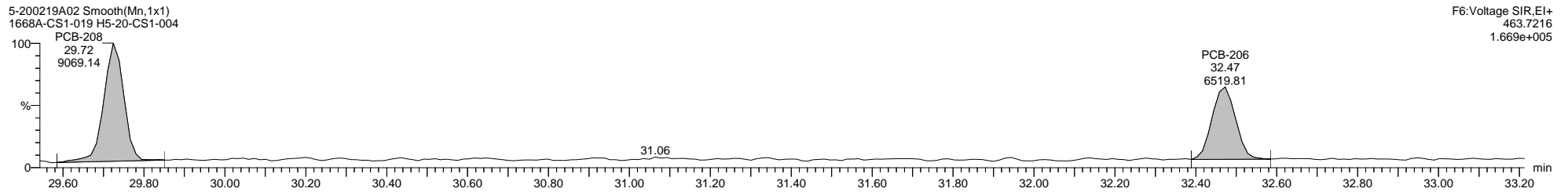
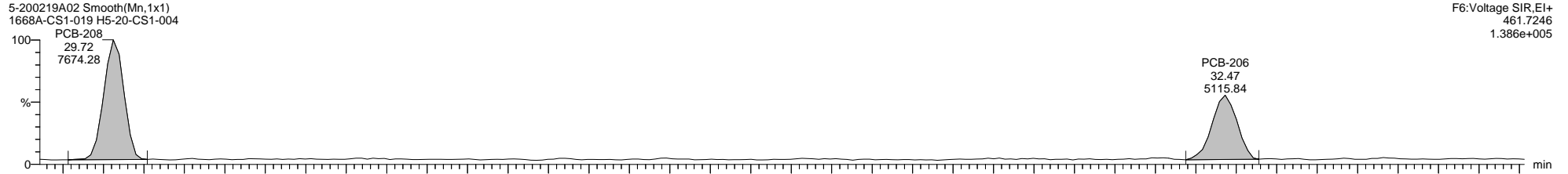


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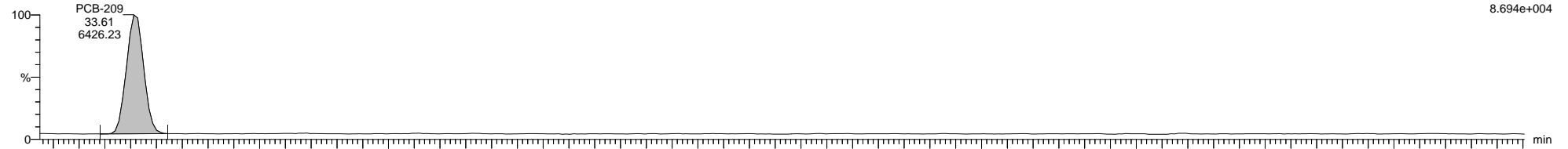
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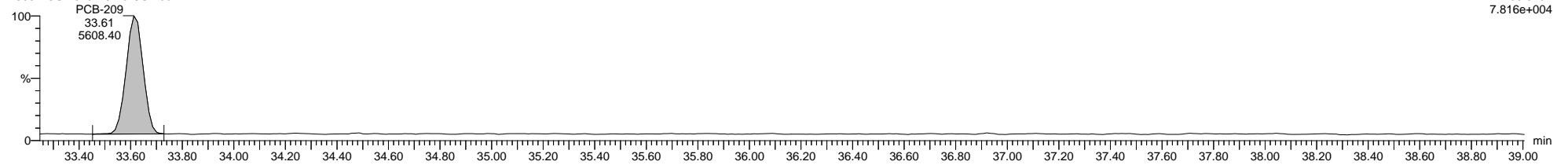
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Name: 5-200219A02, Date: 19-Feb-2020, Time: 14:40:25, ID: H5-20-CS1-004, Description: 1668A-CS1-019, Vial: Tray1:40

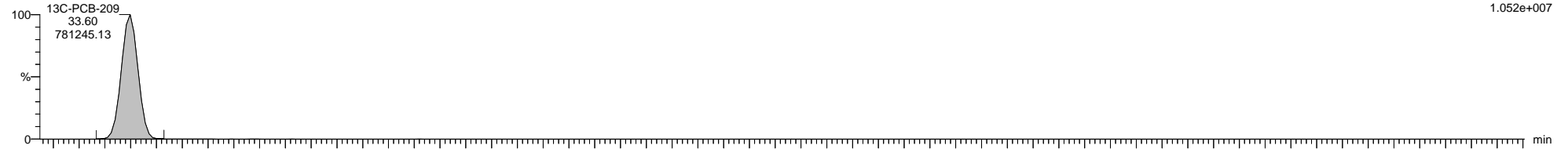
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1668A-CS1-019 H5-20-CS1-004



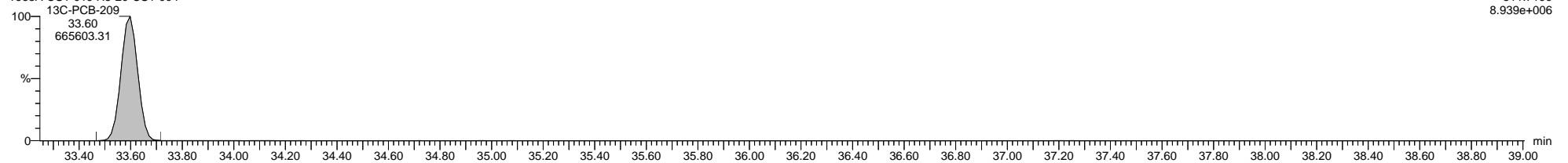
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1668A-CS1-019 H5-20-CS1-004



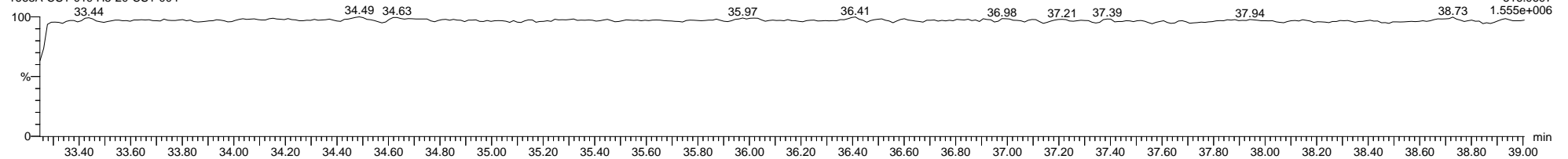
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1668A-CS1-019 H5-20-CS1-004



5-200219A02 Smooth(Mn,1x1)  
1668A-CS1-019 H5-20-CS1-004



5-200219A02 Smooth(Mn,1x1)  
1668A-CS1-019 H5-20-CS1-004



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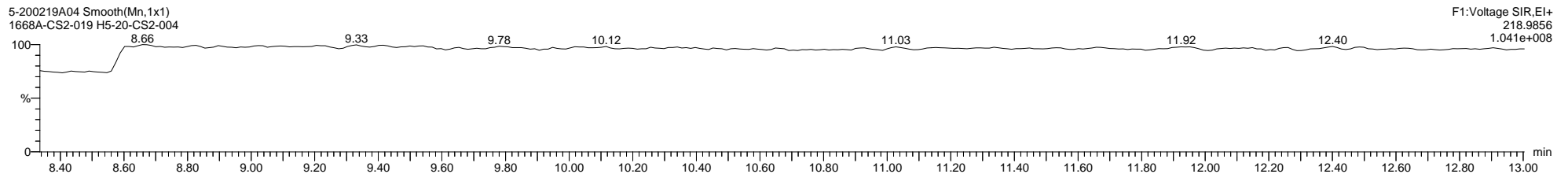
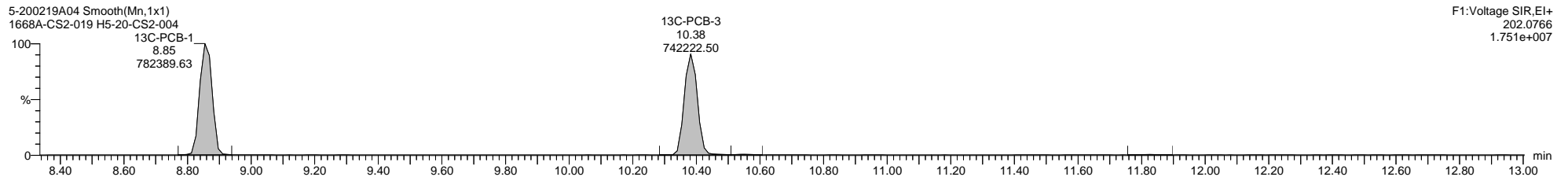
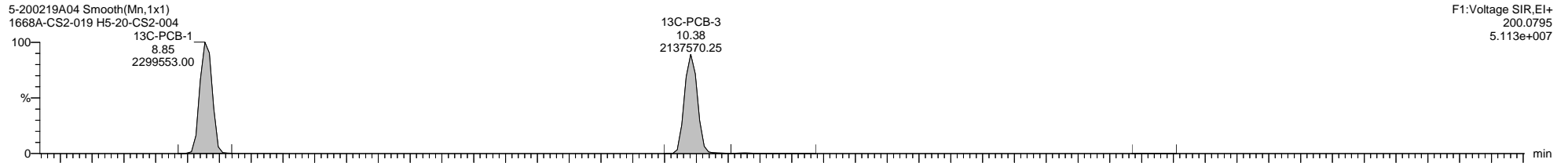
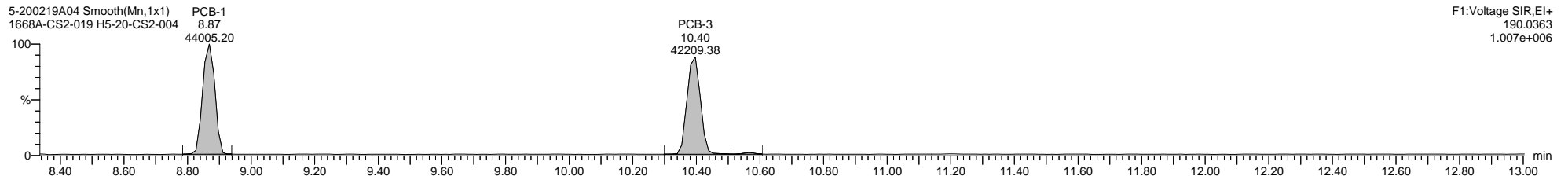
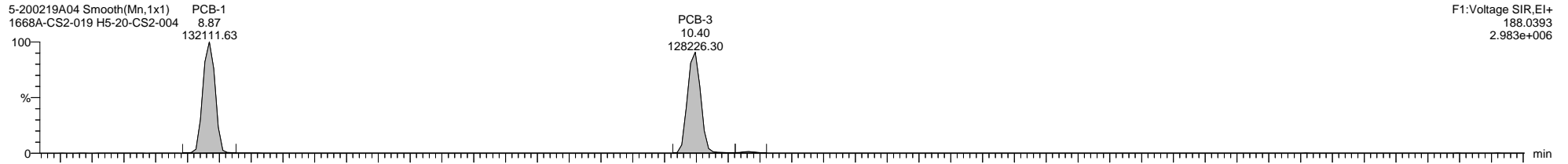
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Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

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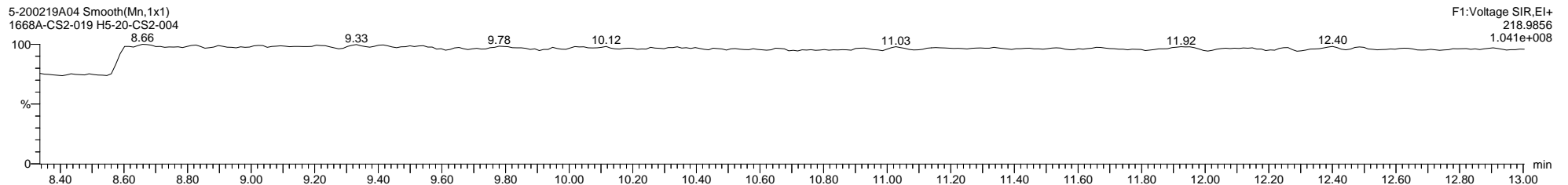
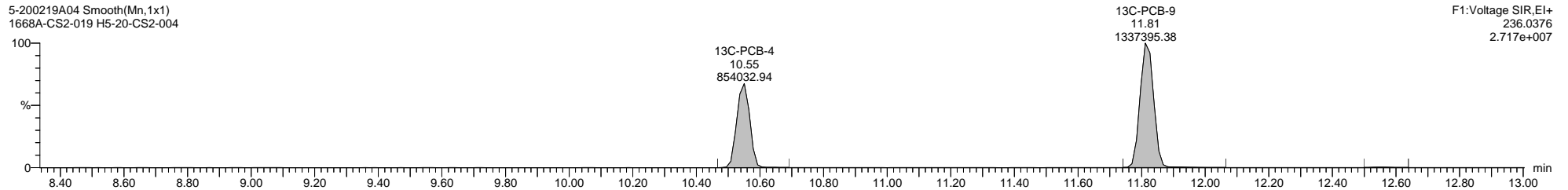
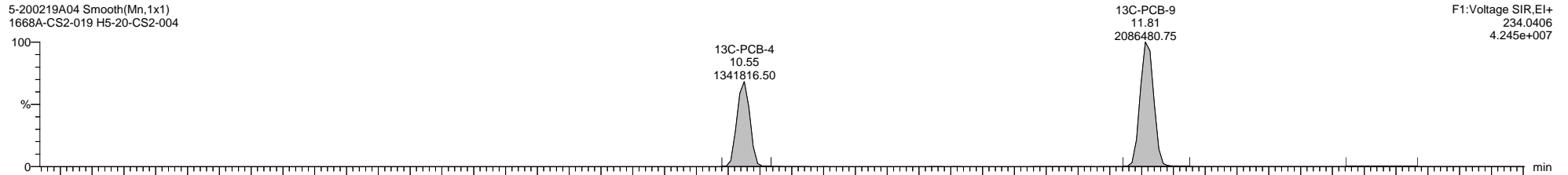
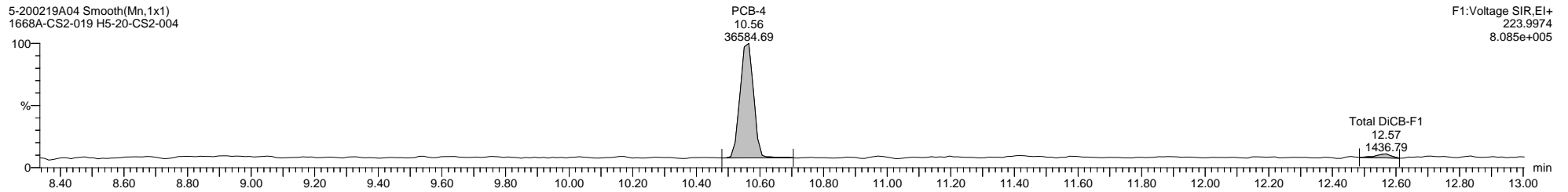
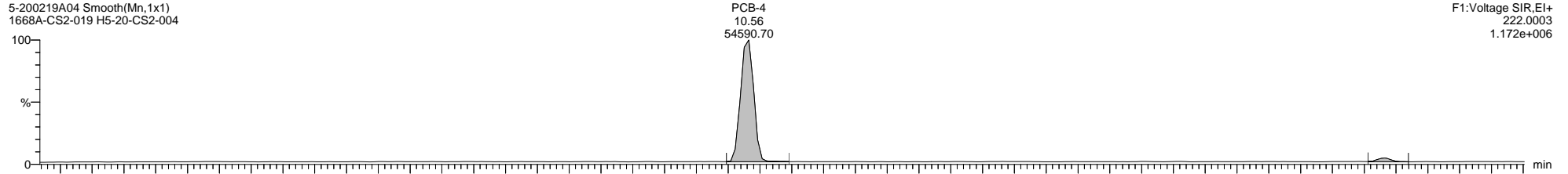


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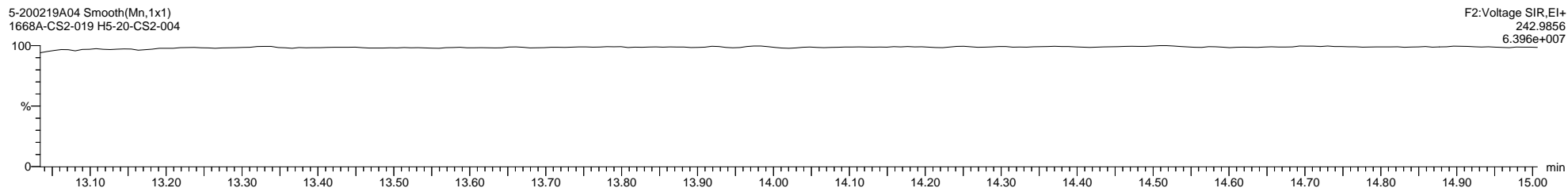
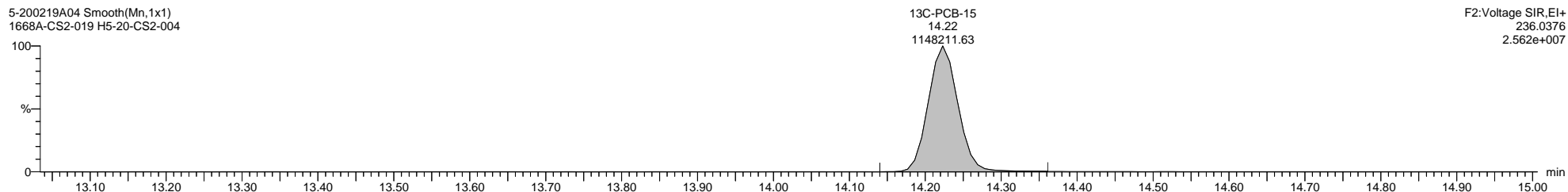
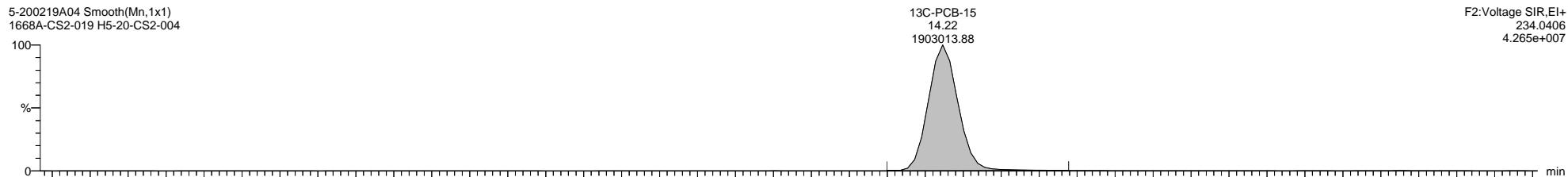
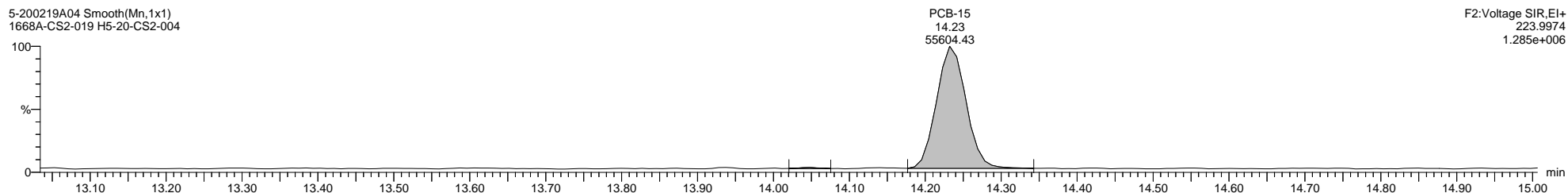
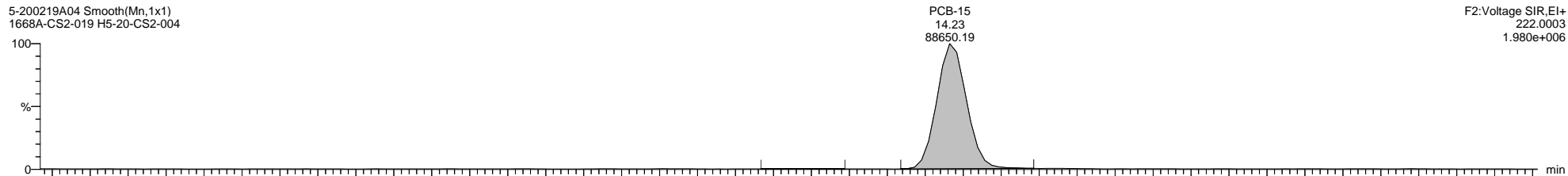


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Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

Name: 5-200219A04, Date: 19-Feb-2020, Time: 16:17:15, ID: H5-20-CS2-004, Description: 1668A-CS2-019, Vial: Tray1:42



Quantify Sample Template Report

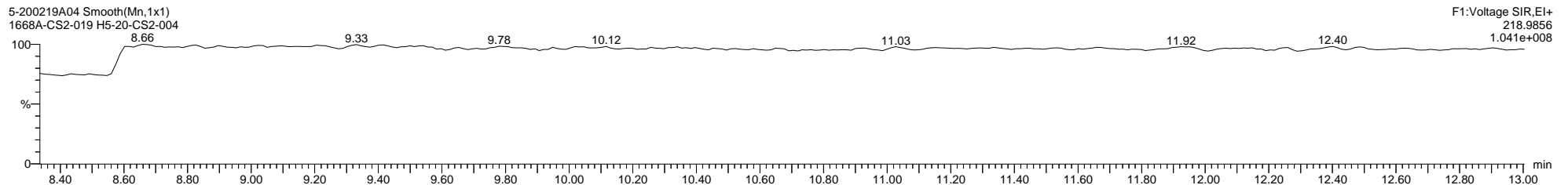
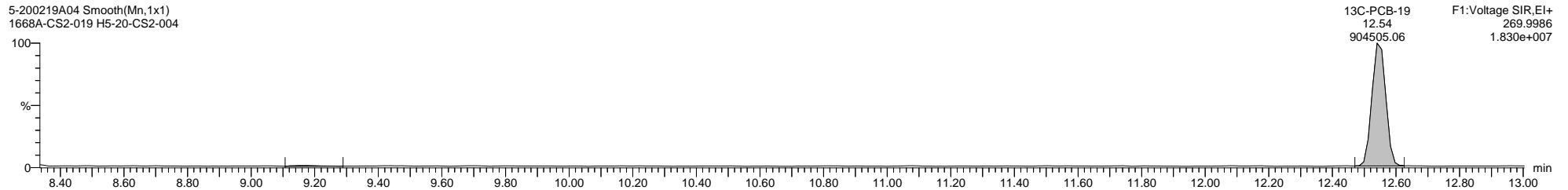
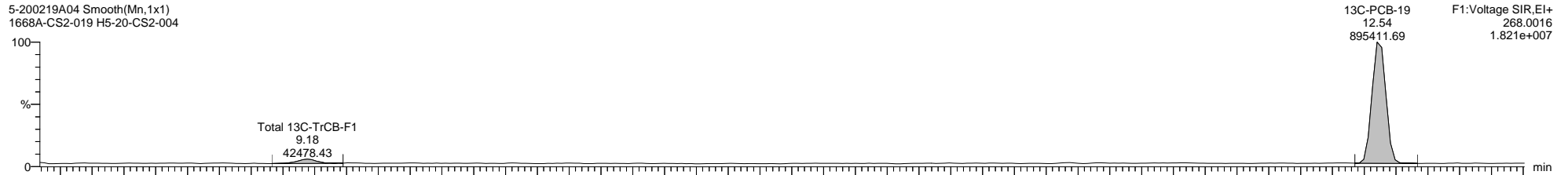
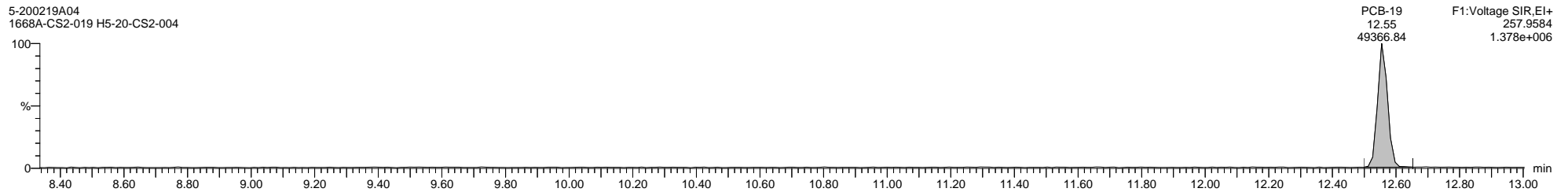
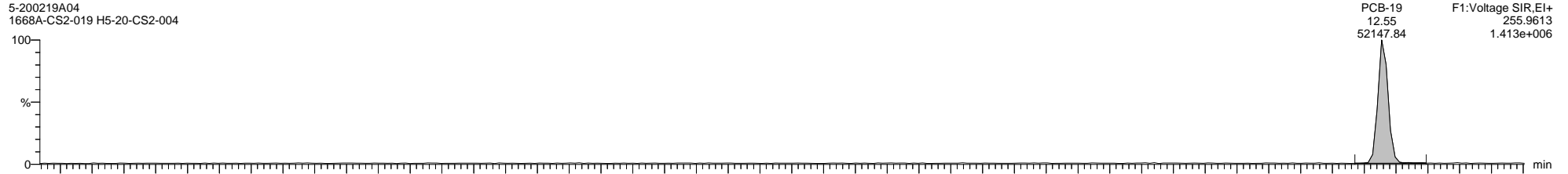
MassLynx MassLynx V4.1 SCN 901

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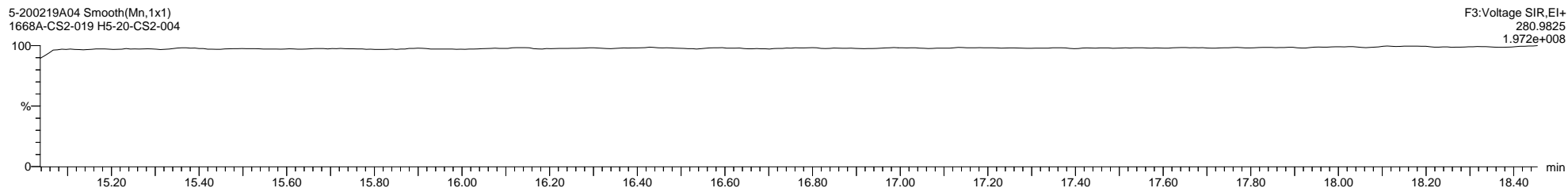
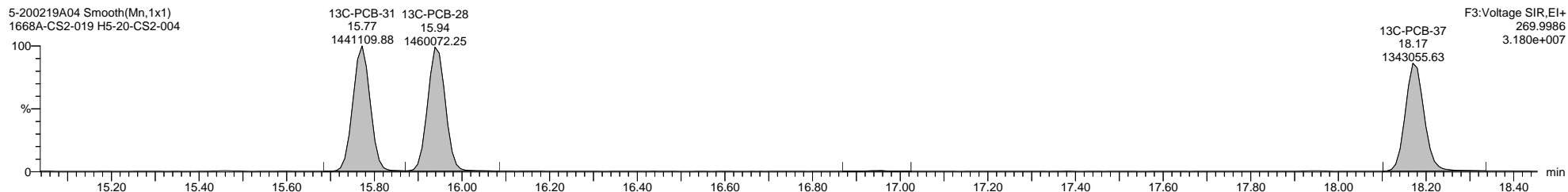
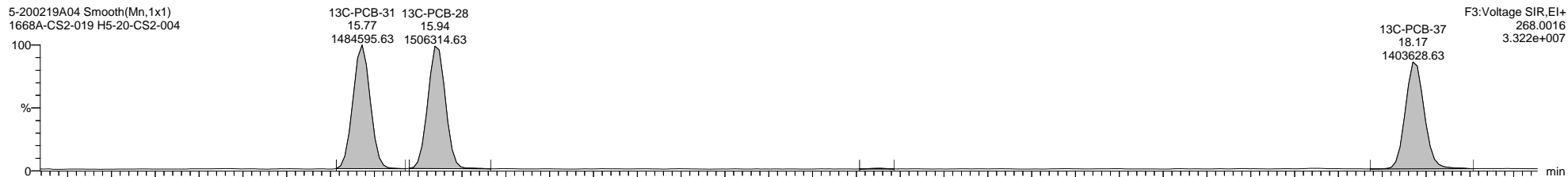
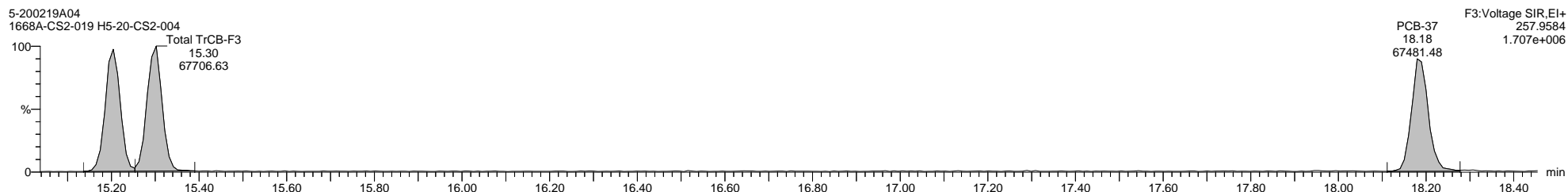
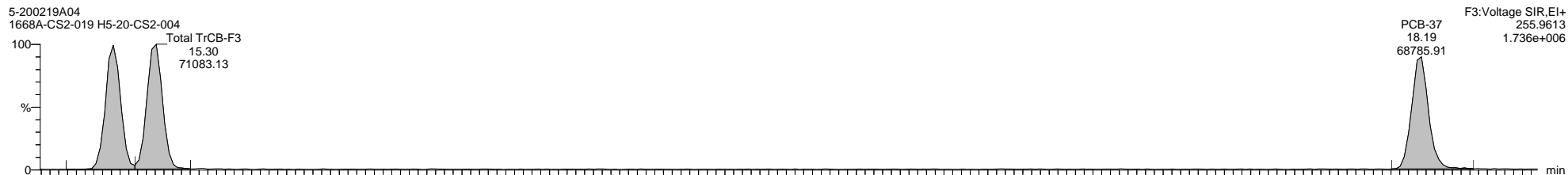


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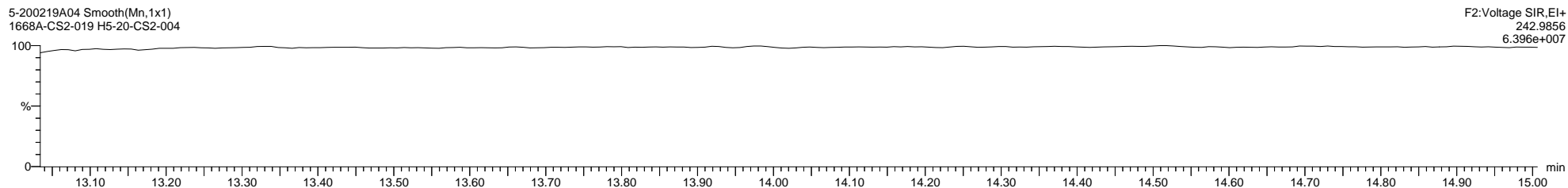
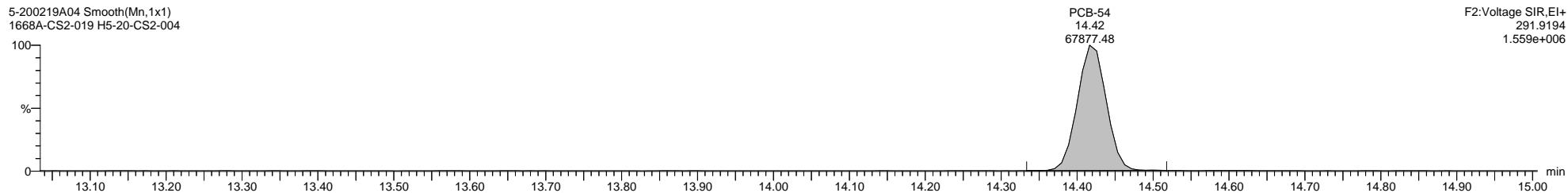
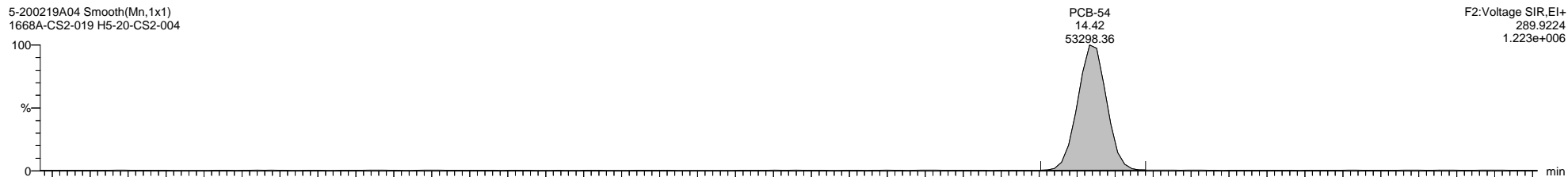
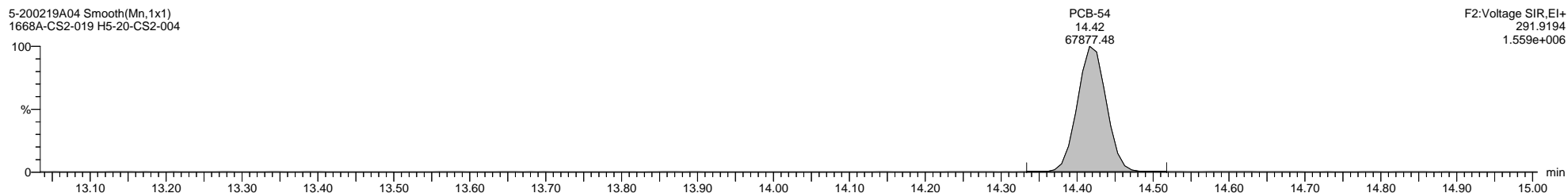


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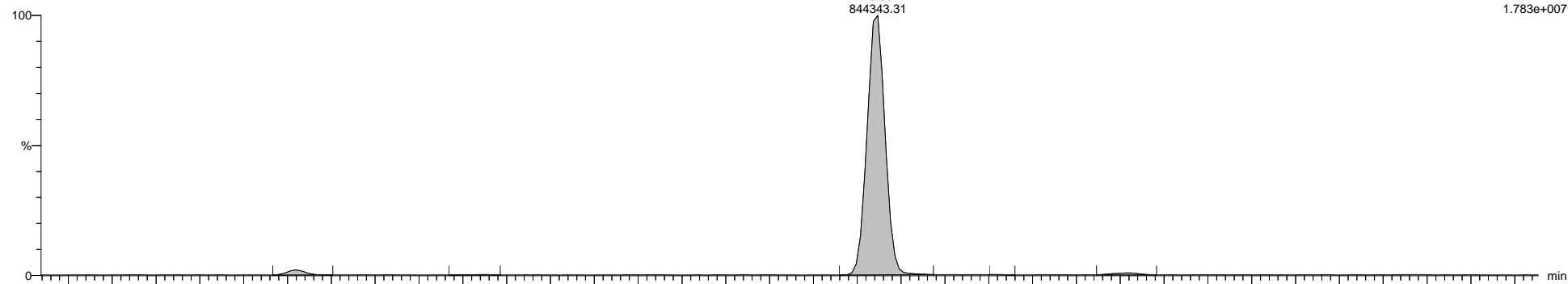
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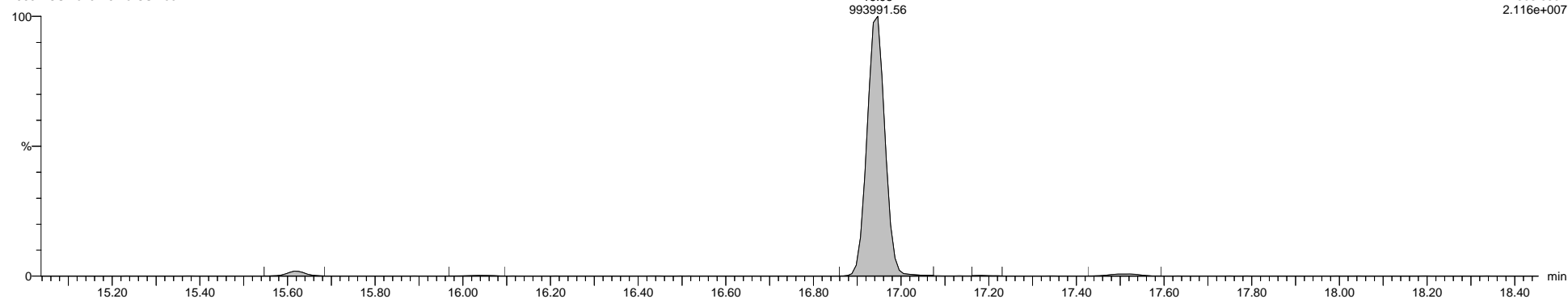
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1668A-CS2-019 H5-20-CS2-004



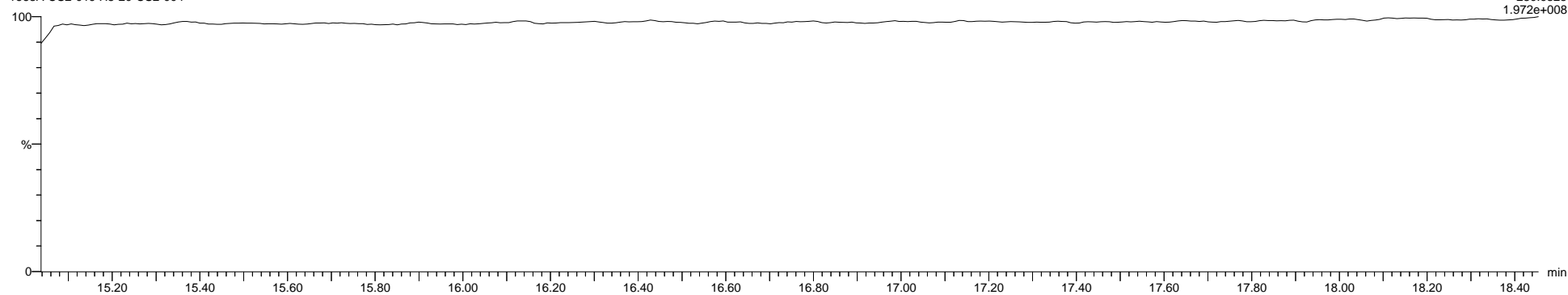
F3:Voltage SIR,El+  
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1.783e+007

5-200219A04 Smooth(Mn,1x1)  
1668A-CS2-019 H5-20-CS2-004



F3:Voltage SIR,El+  
303.9597  
2.116e+007

5-200219A04 Smooth(Mn,1x1)  
1668A-CS2-019 H5-20-CS2-004



F3:Voltage SIR,El+  
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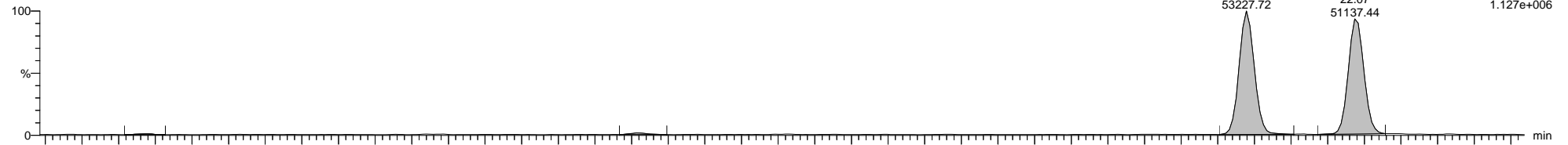
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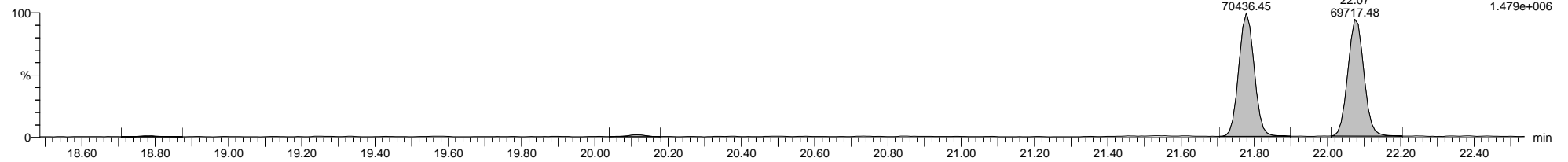
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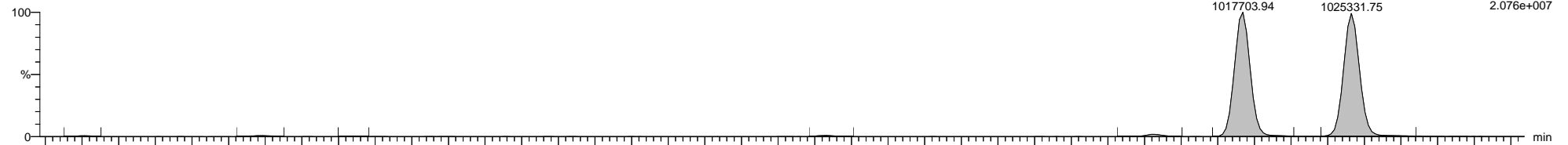
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1668A-CS2-019 H5-20-CS2-004



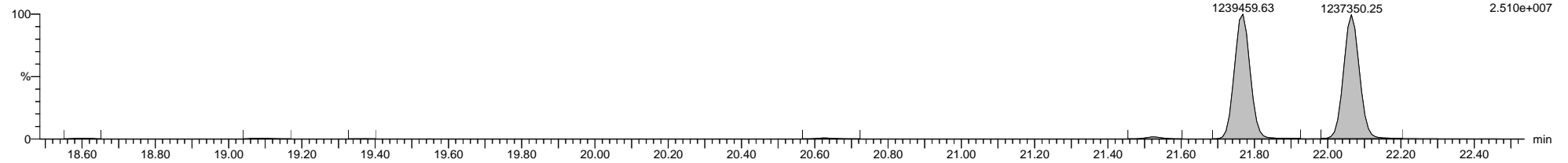
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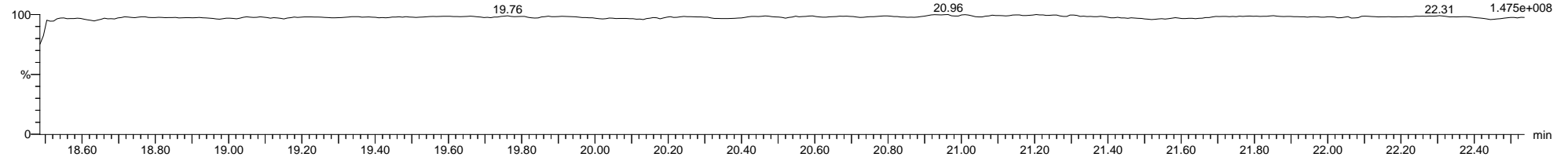
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1668A-CS2-019 H5-20-CS2-004



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1668A-CS2-019 H5-20-CS2-004



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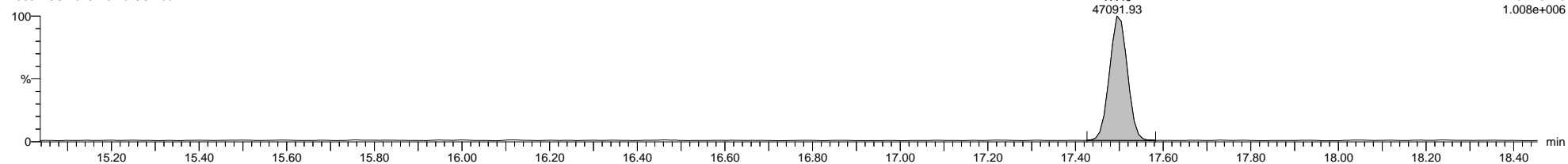
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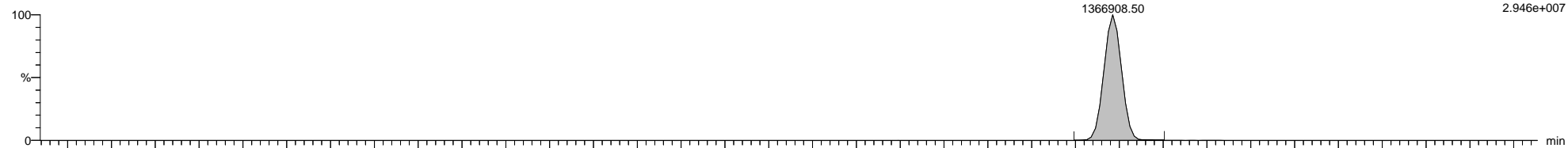
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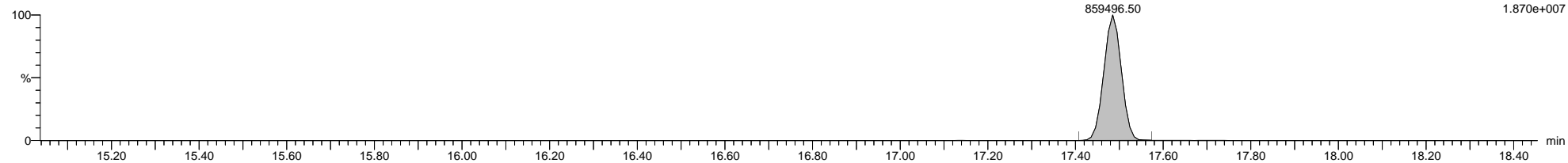
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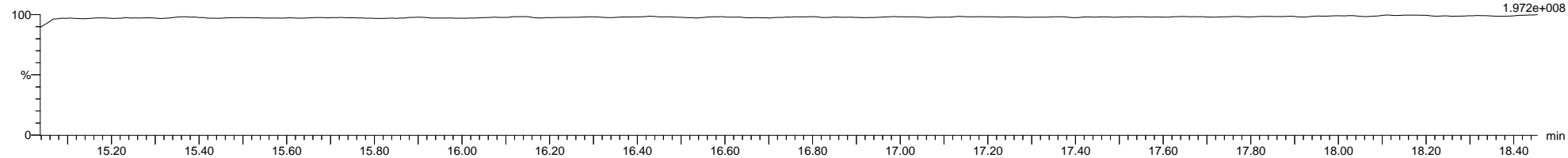
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1668A-CS2-019 H5-20-CS2-004



5-200219A04 Smooth(Mn,1x1)  
1668A-CS2-019 H5-20-CS2-004



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1668A-CS2-019 H5-20-CS2-004



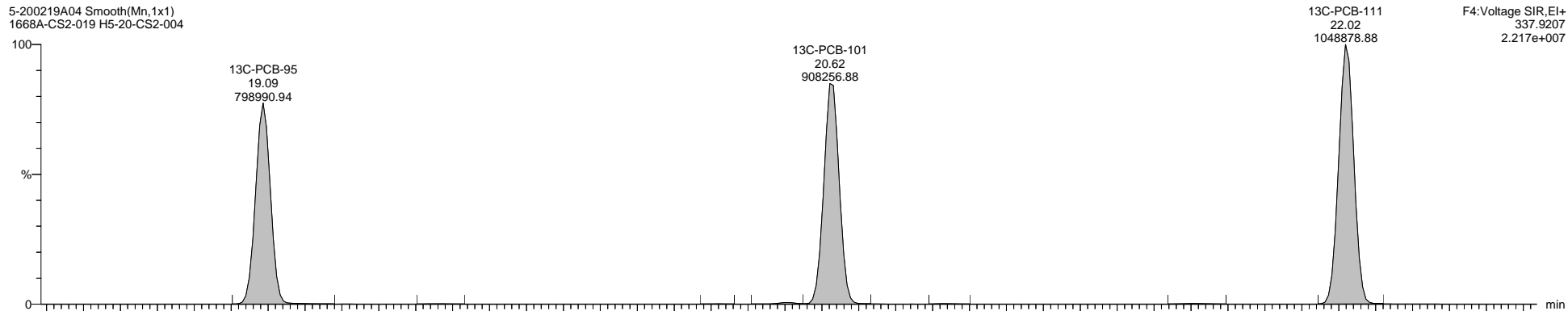
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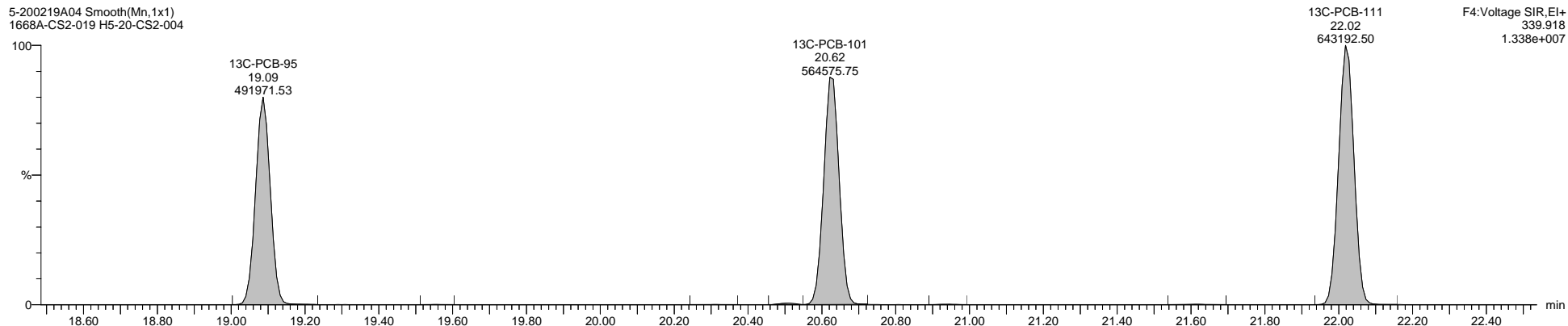
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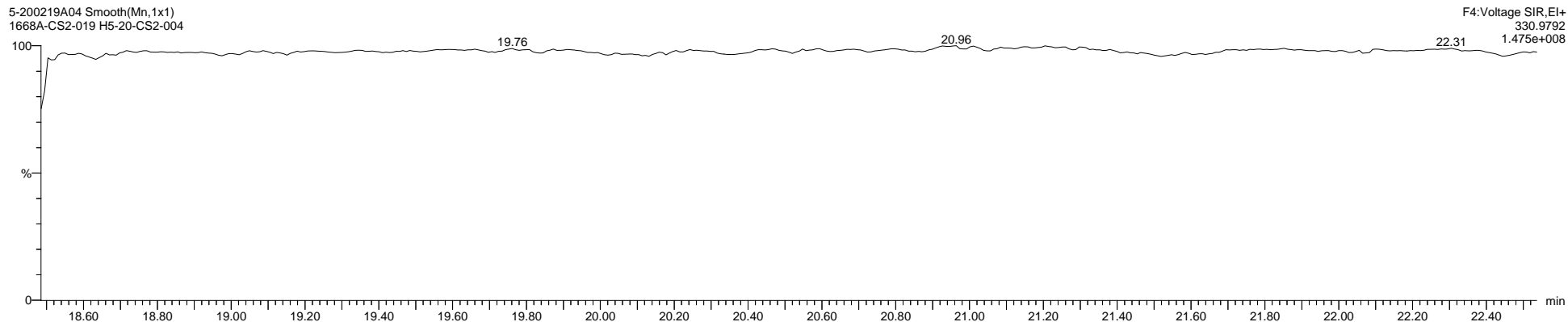
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1668A-CS2-019 H5-20-CS2-004



5-200219A04 Smooth(Mn,1x1)  
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1668A-CS2-019 H5-20-CS2-004

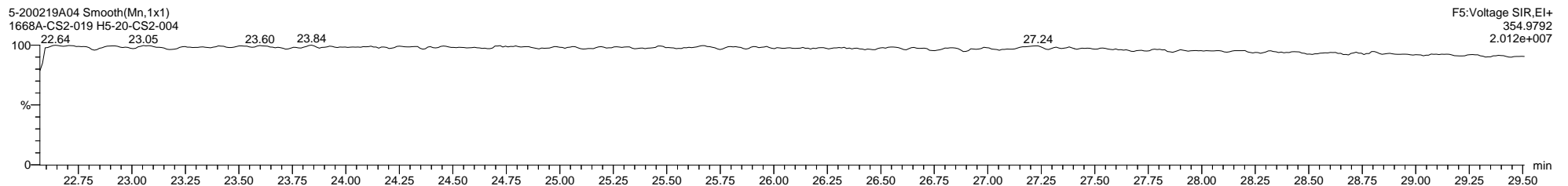
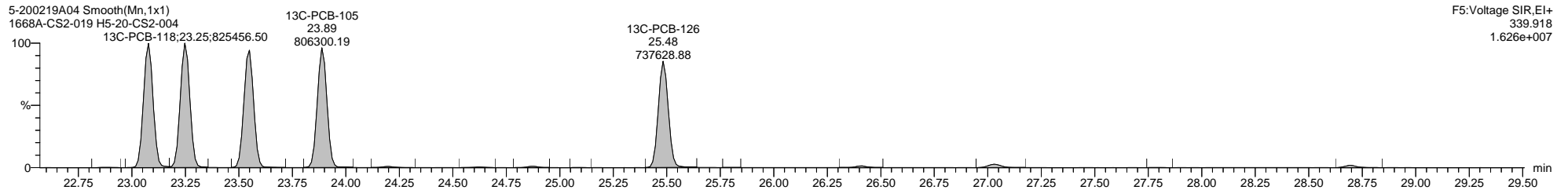
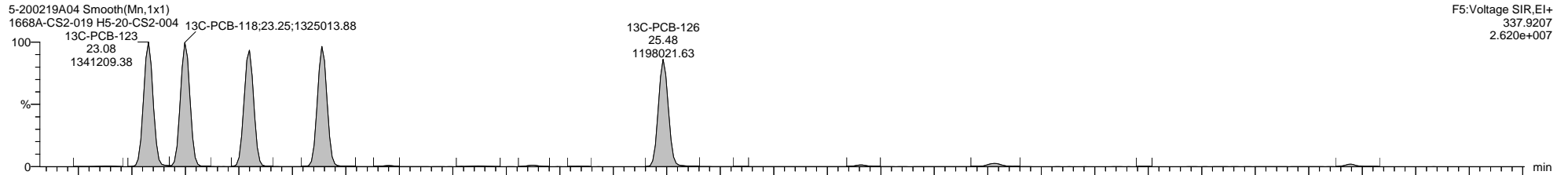
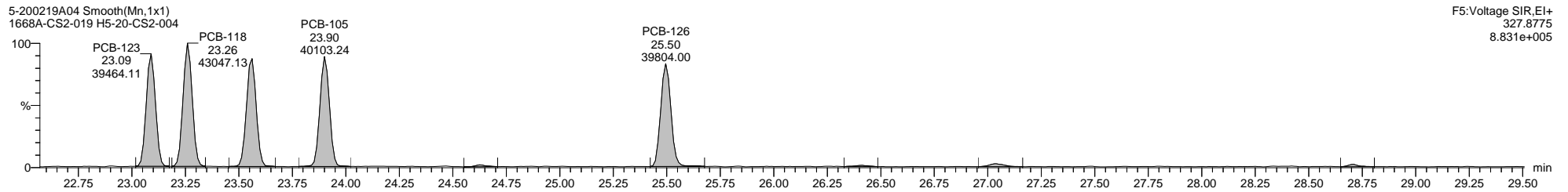
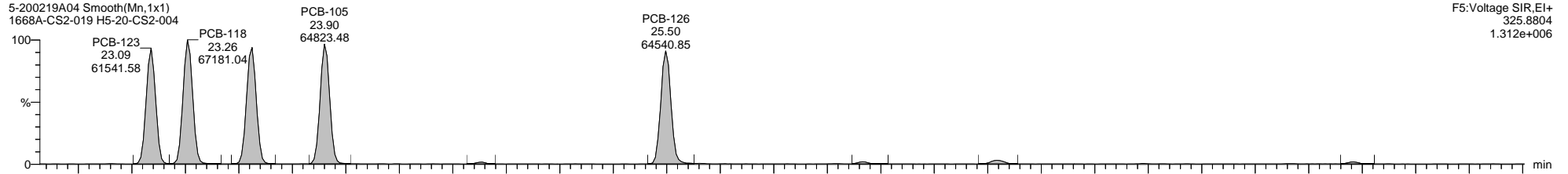


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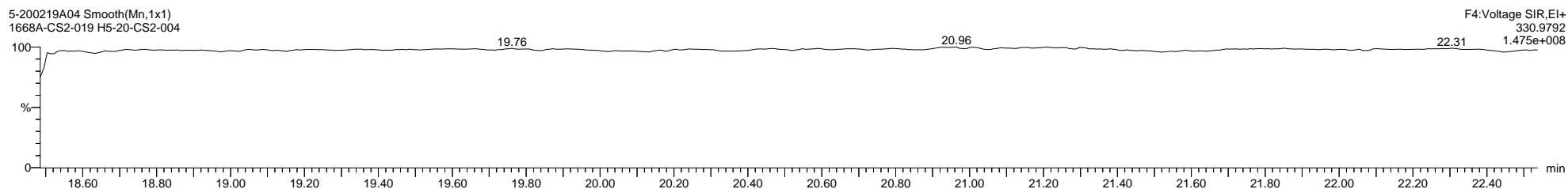
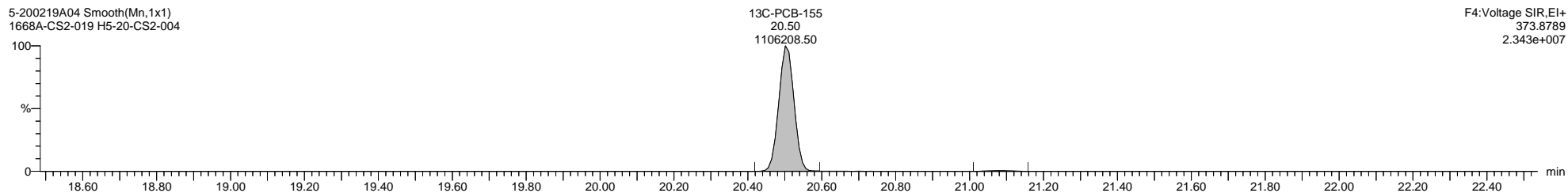
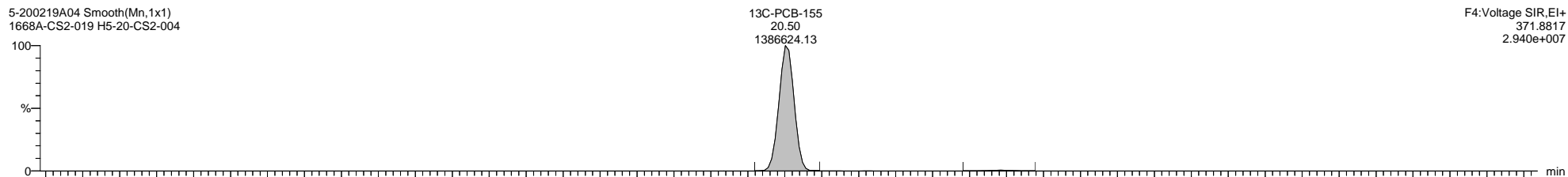
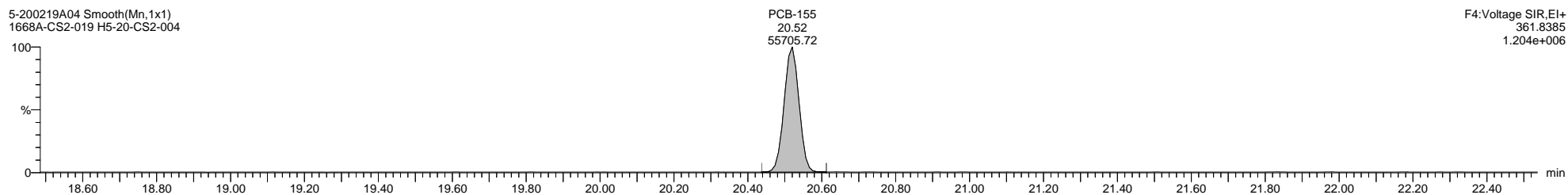
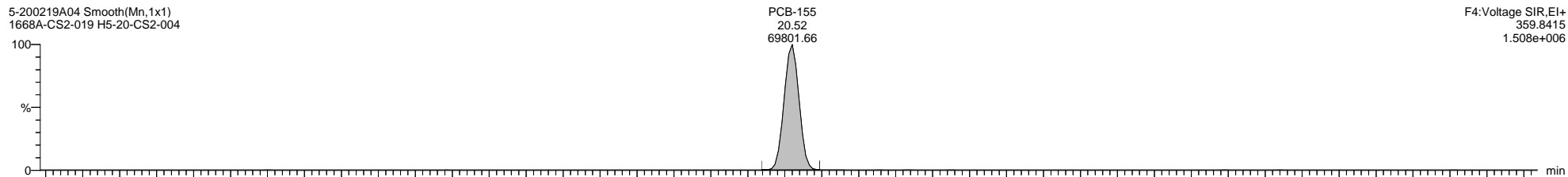


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Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

Name: 5-200219A04, Date: 19-Feb-2020, Time: 16:17:15, ID: H5-20-CS2-004, Description: 1668A-CS2-019, Vial: Tray1:42



Quantify Sample Template Report

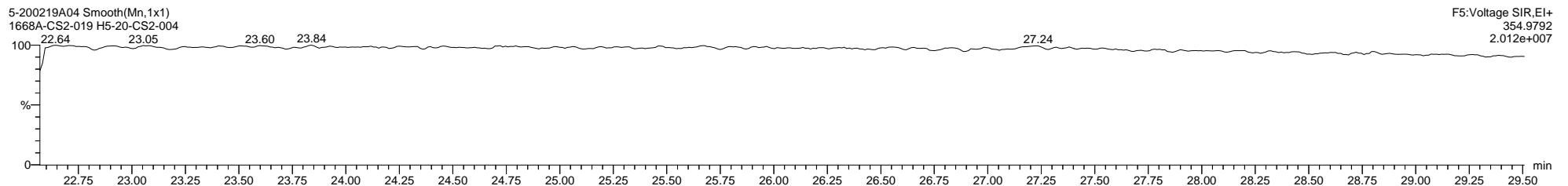
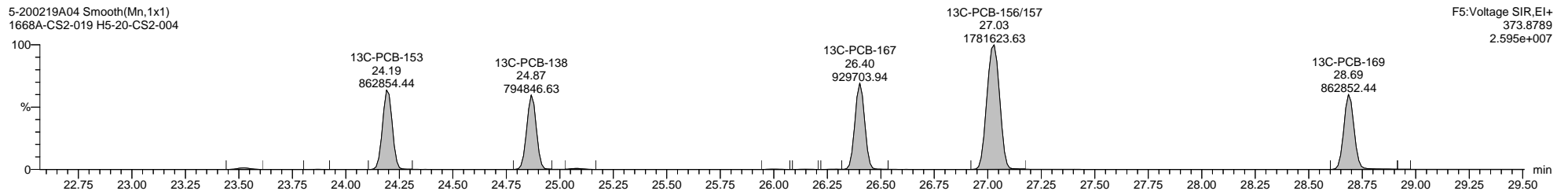
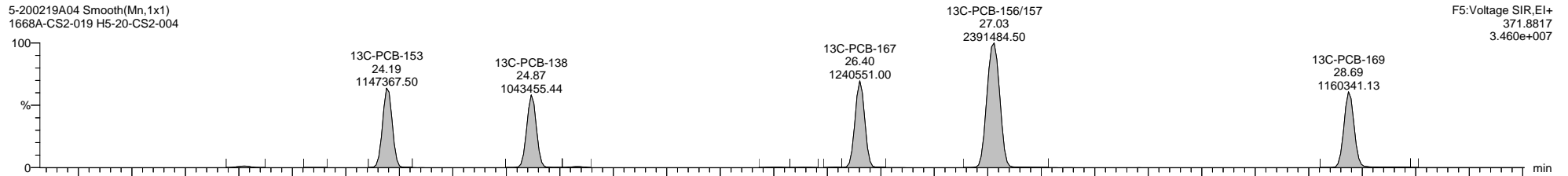
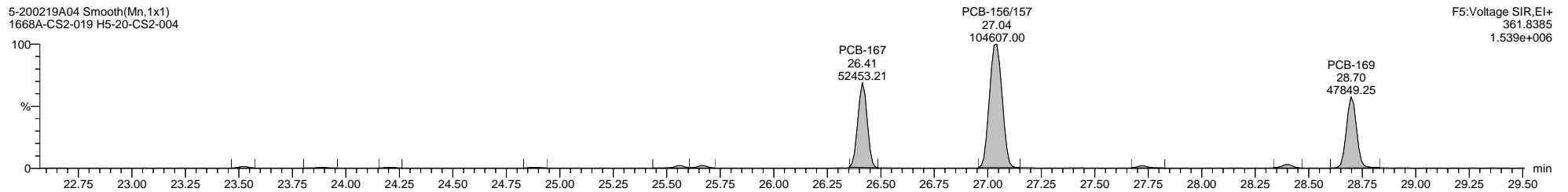
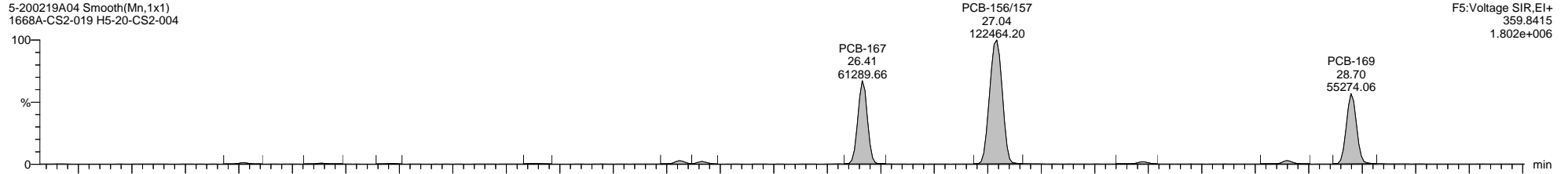
MassLynx MassLynx V4.1 SCN 901

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Name: 5-200219A04, Date: 19-Feb-2020, Time: 16:17:15, ID: H5-20-CS2-004, Description: 1668A-CS2-019, Vial: Tray1:42

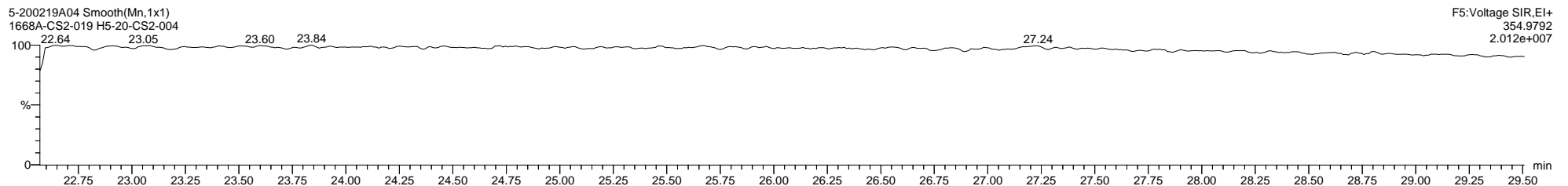
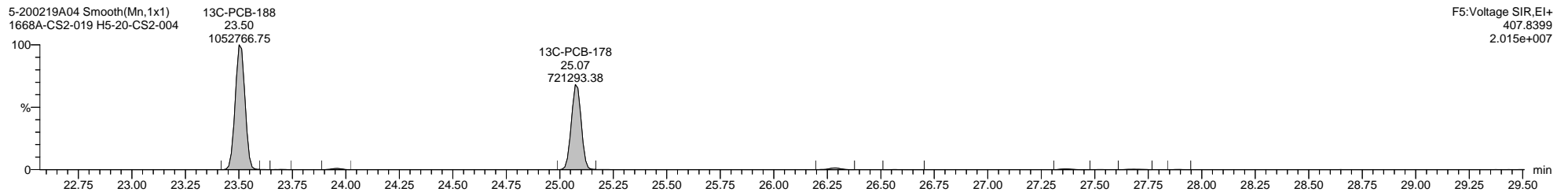
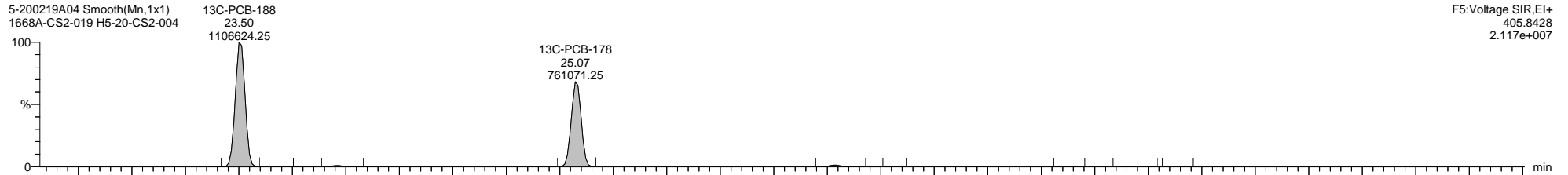
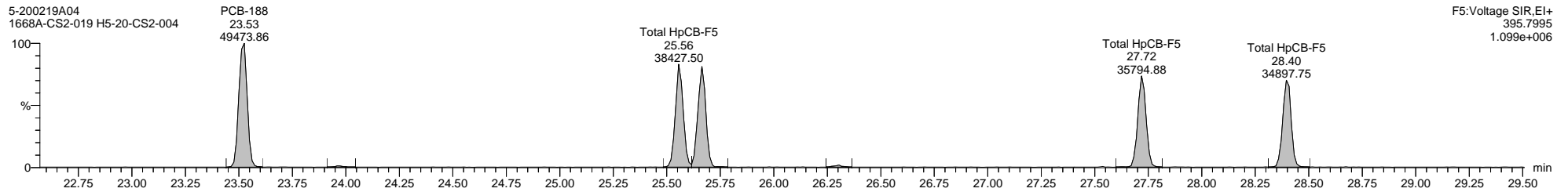
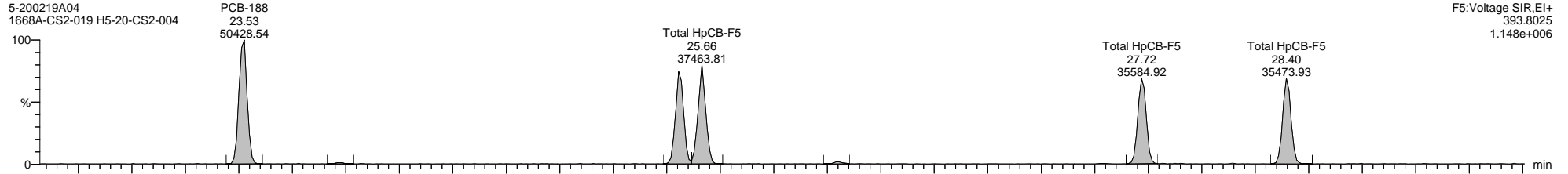


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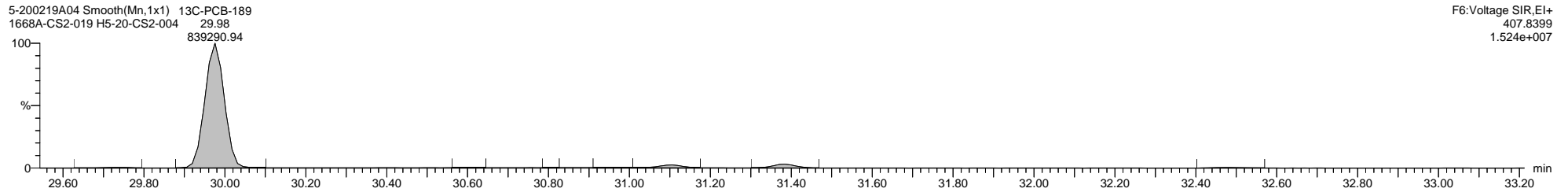
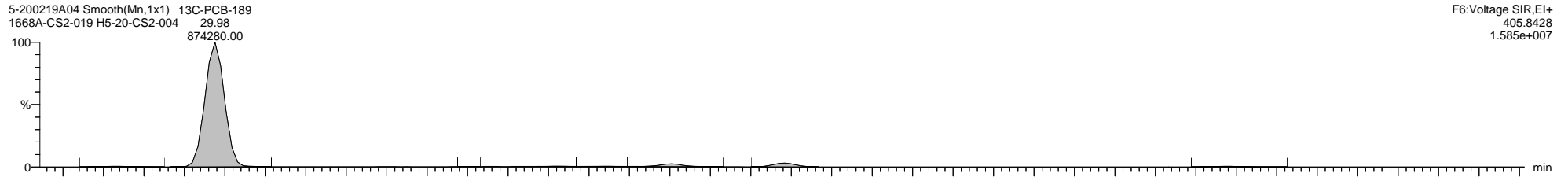
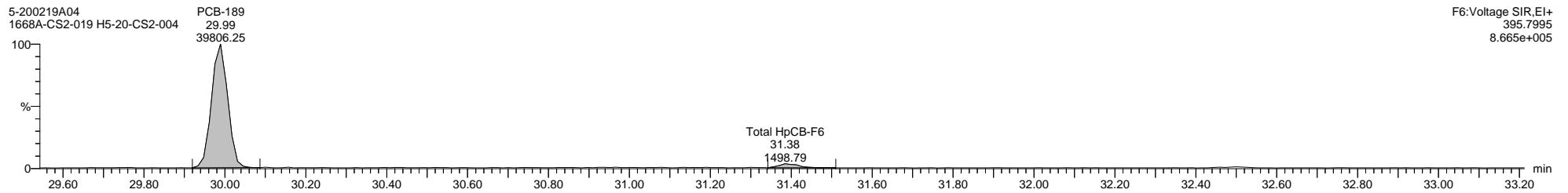
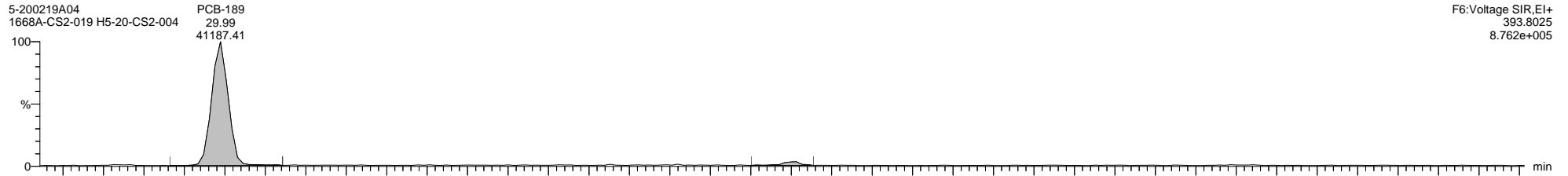


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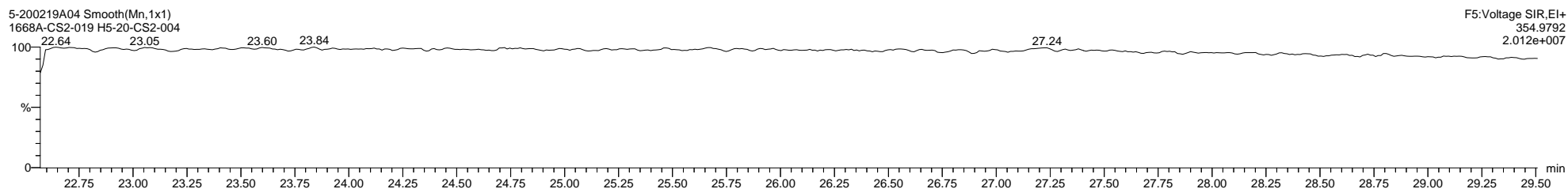
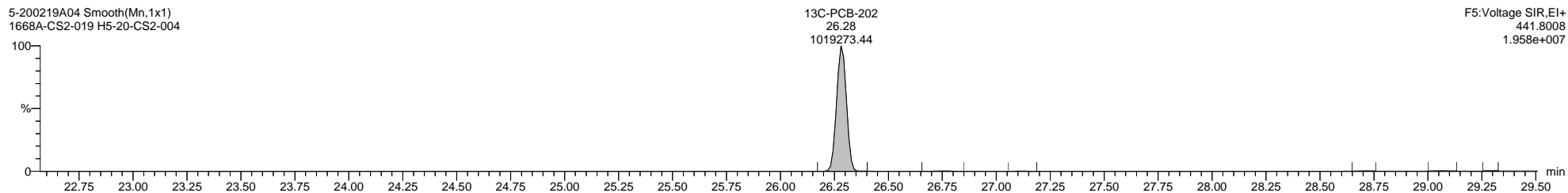
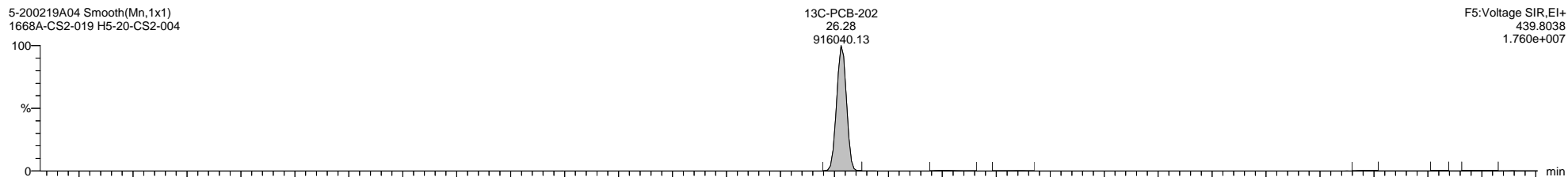
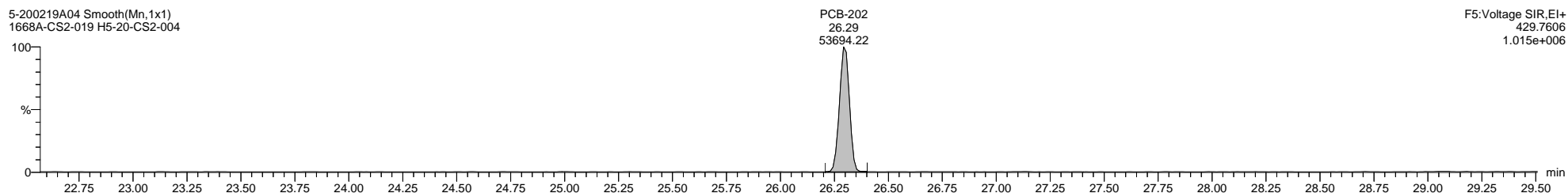
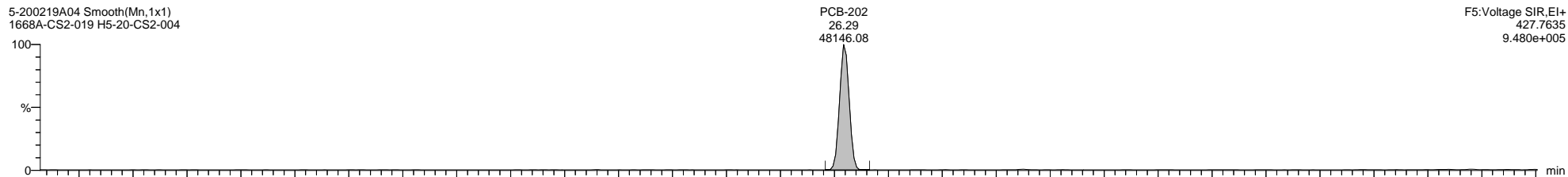


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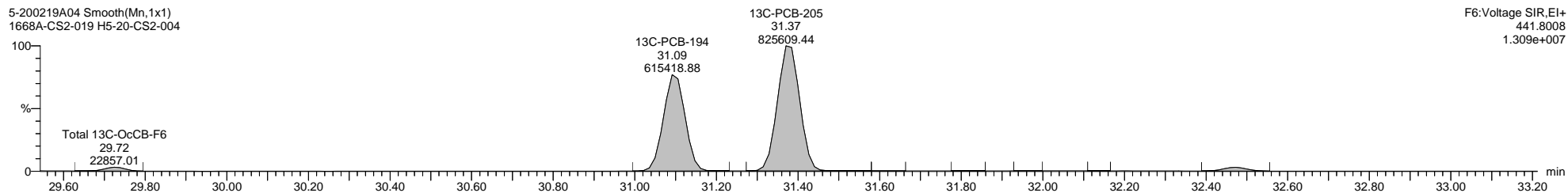
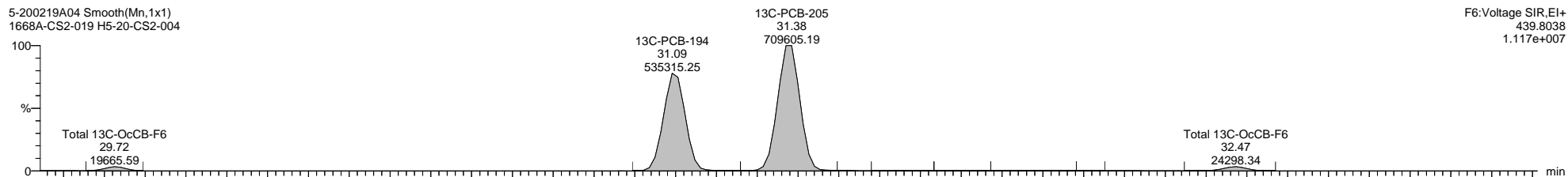
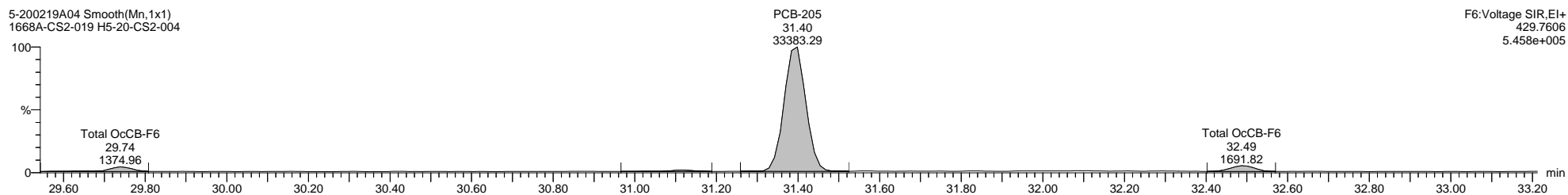
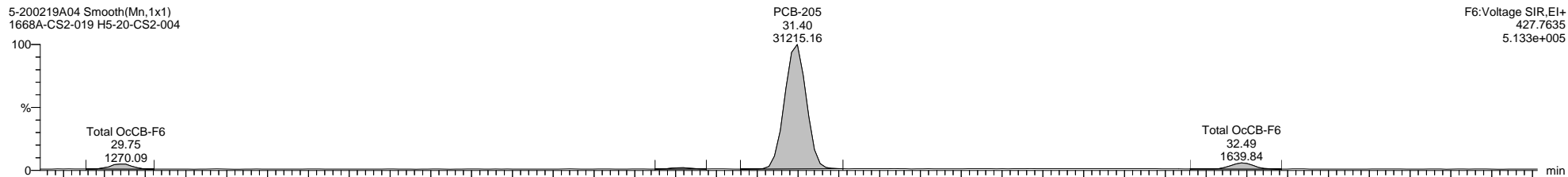


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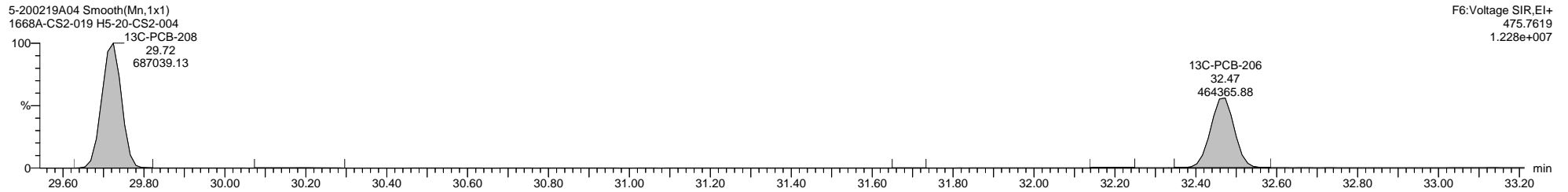
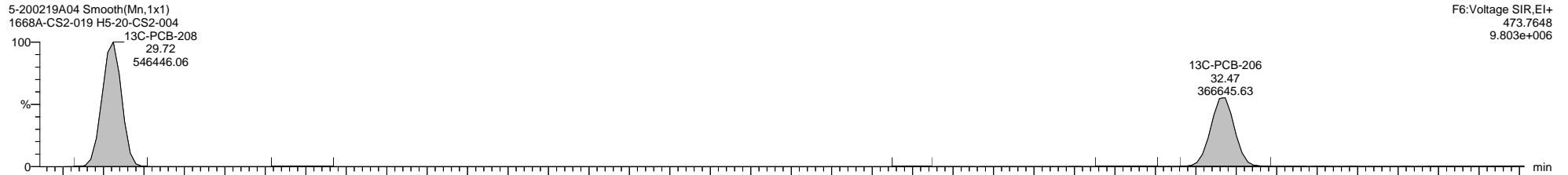
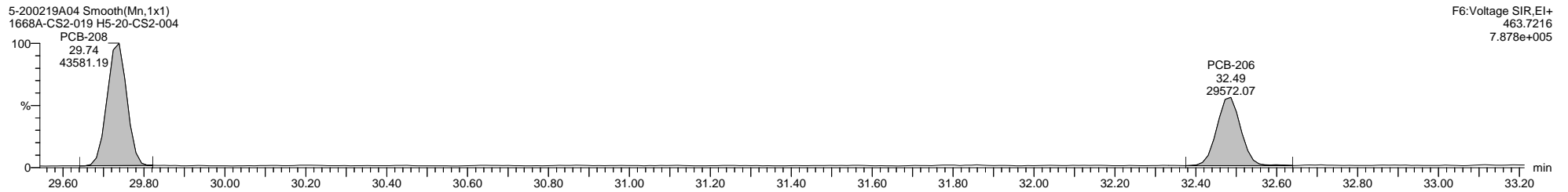
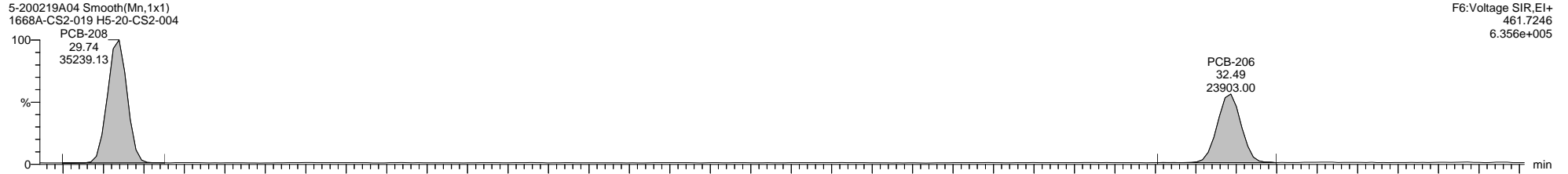


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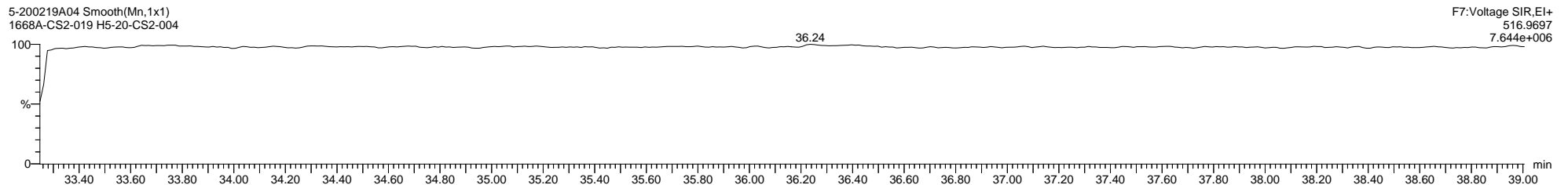
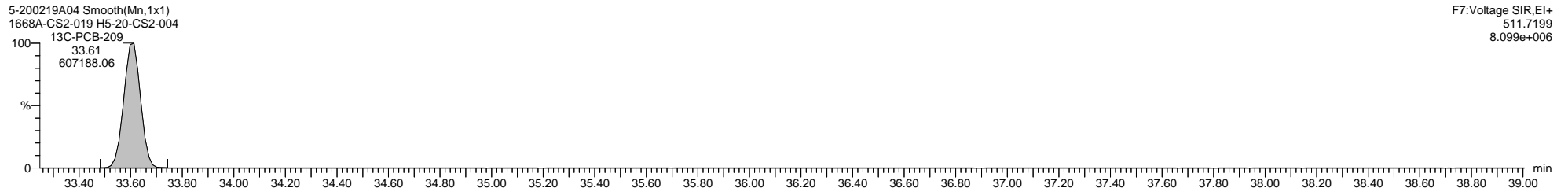
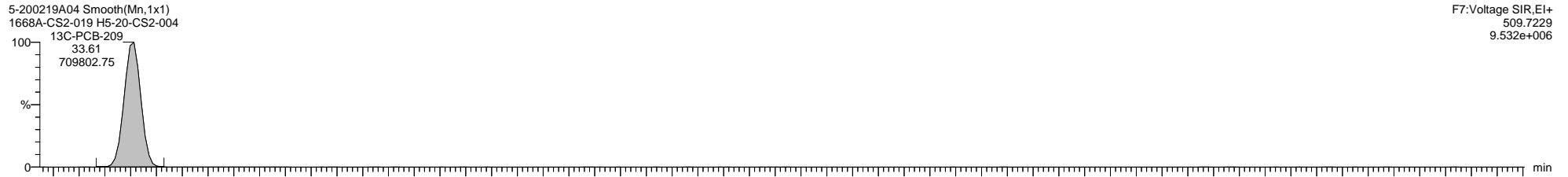
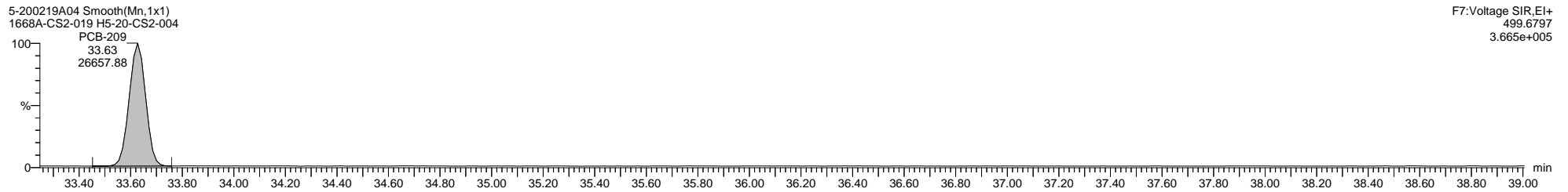
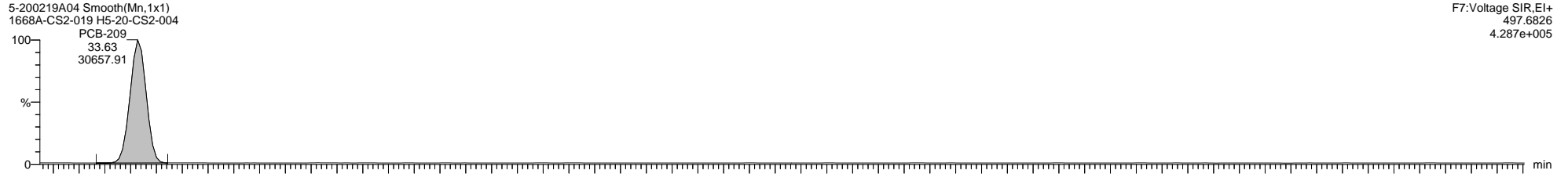


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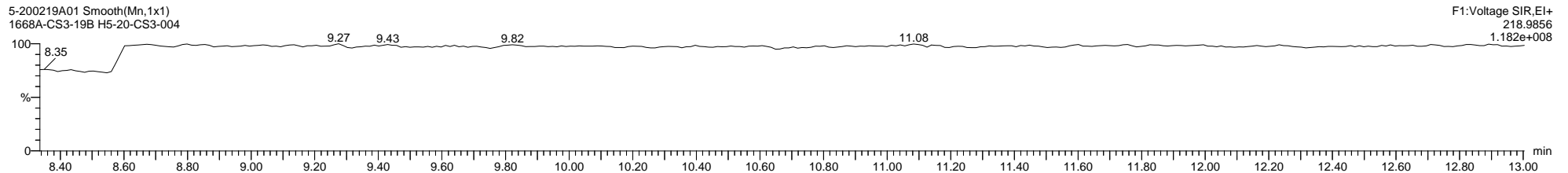
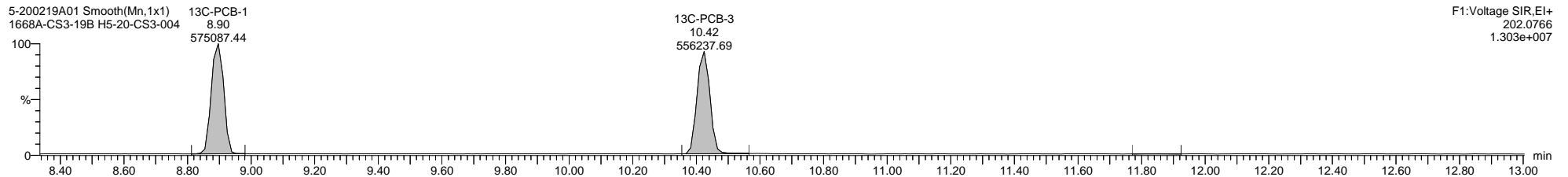
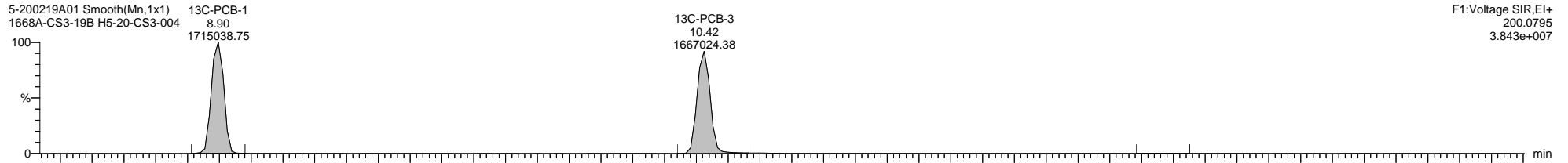
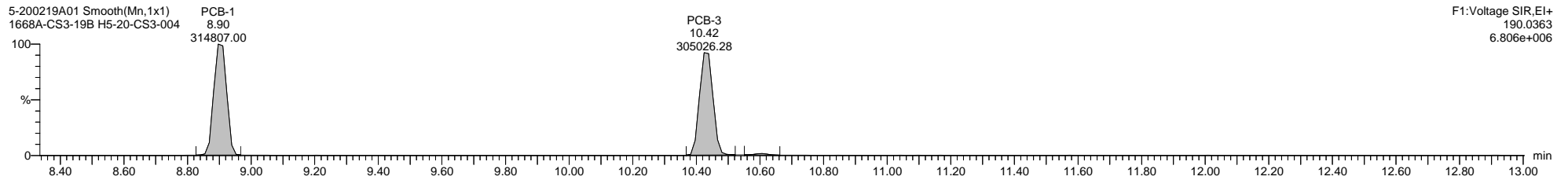
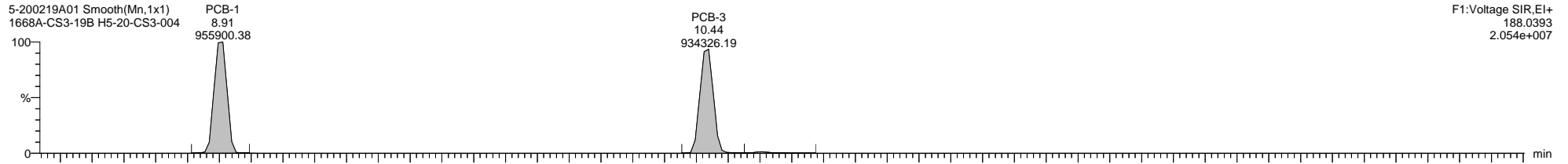
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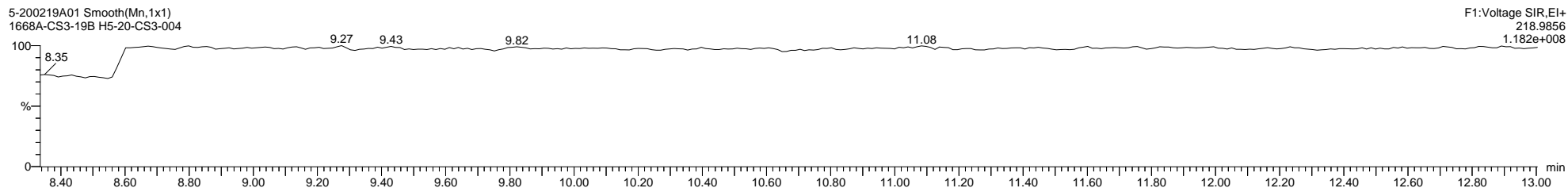
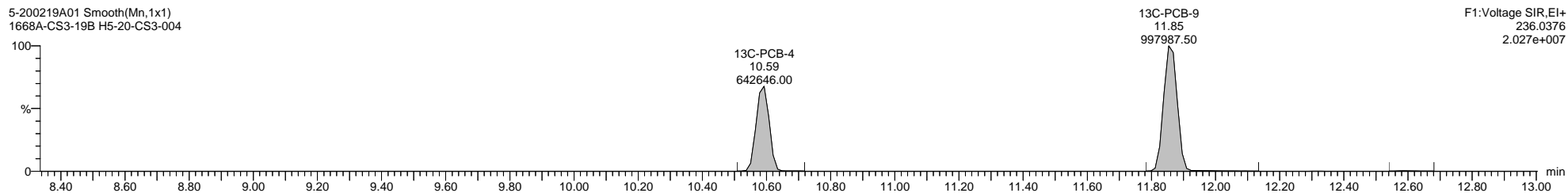
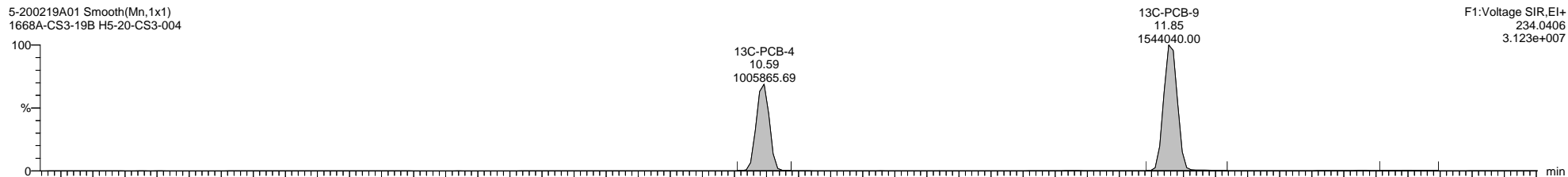
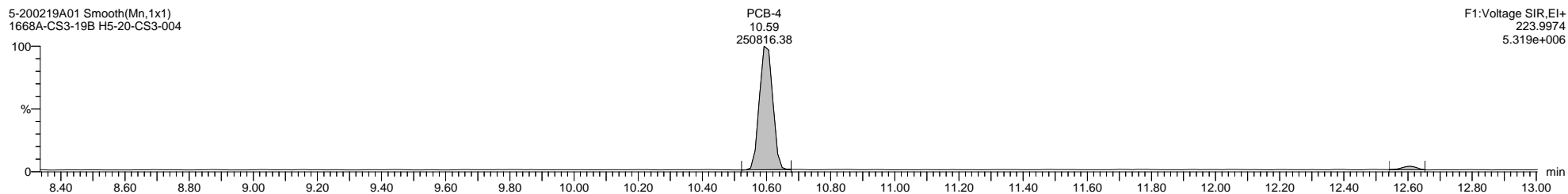
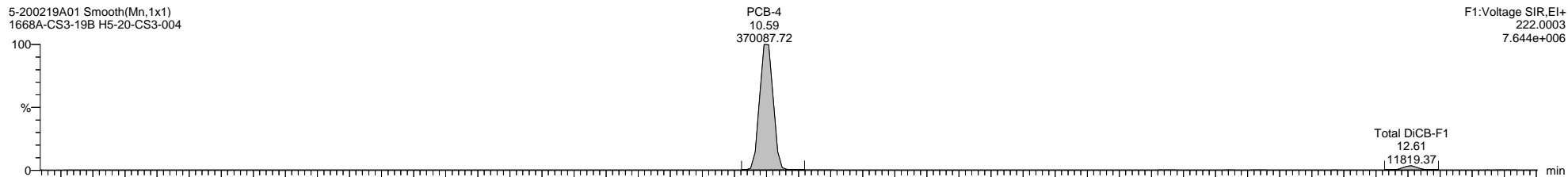


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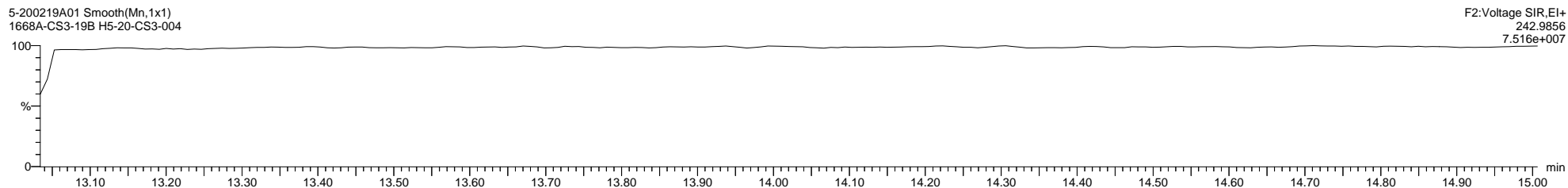
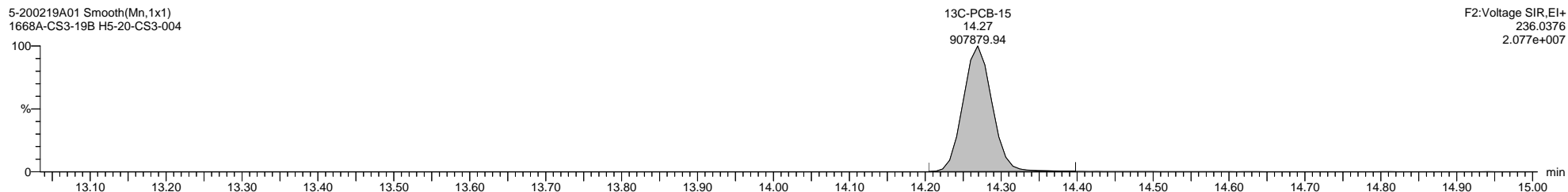
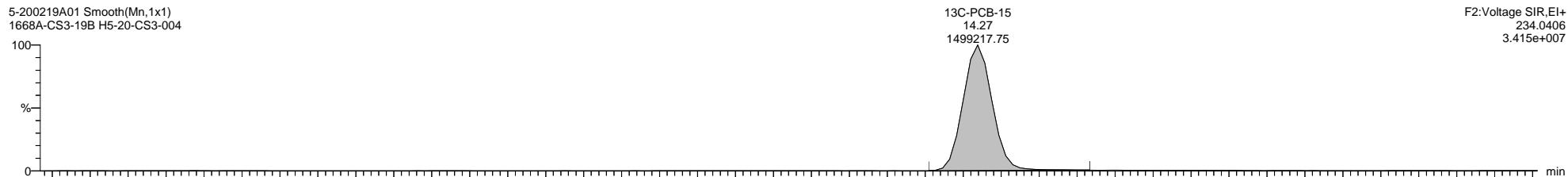
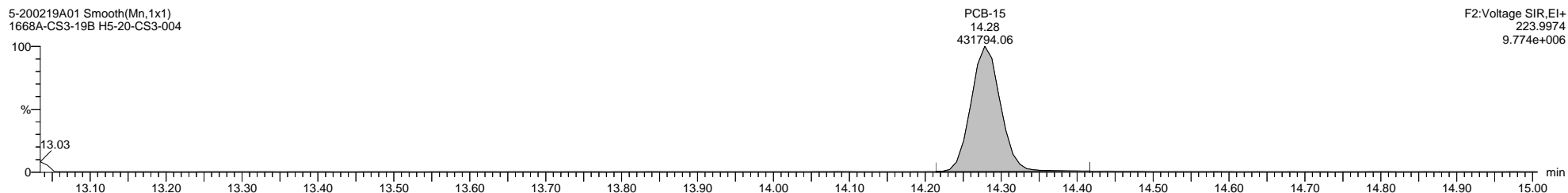
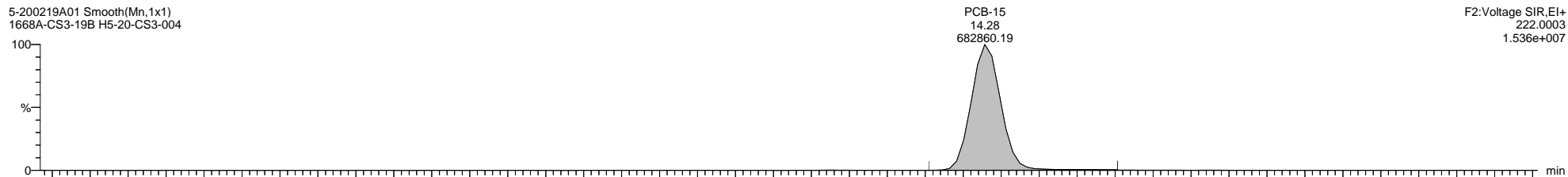


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Quantify Sample Template Report

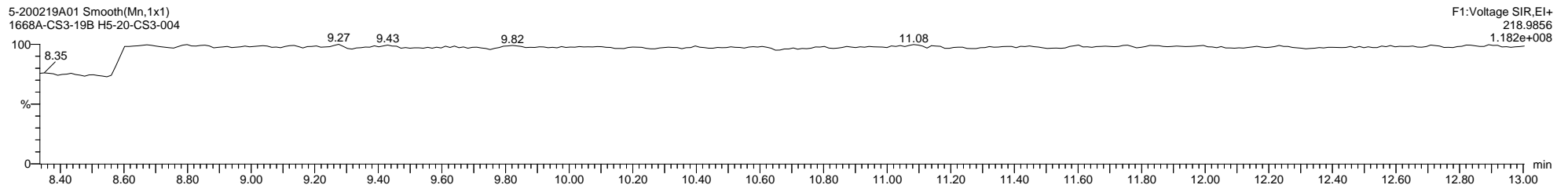
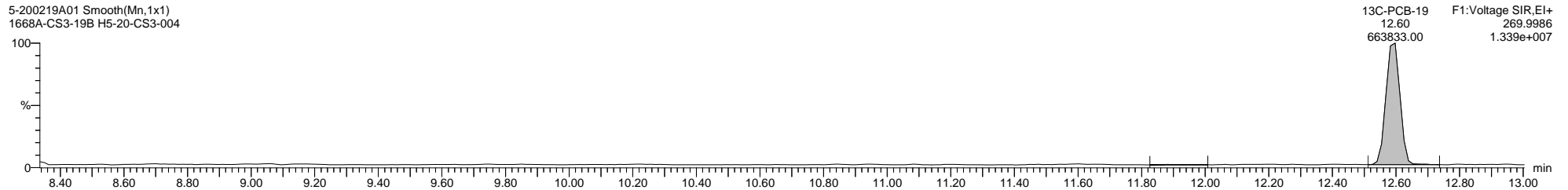
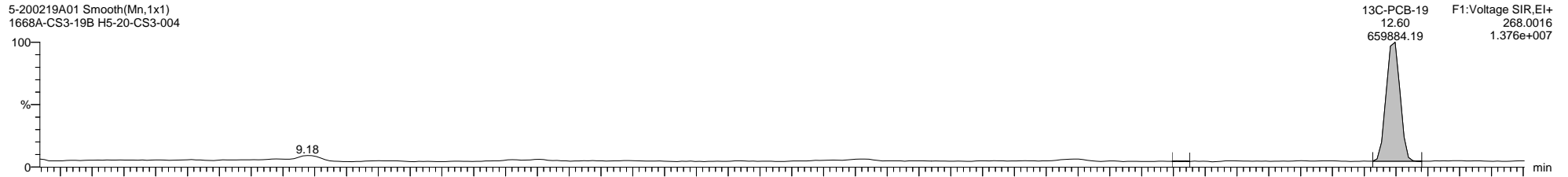
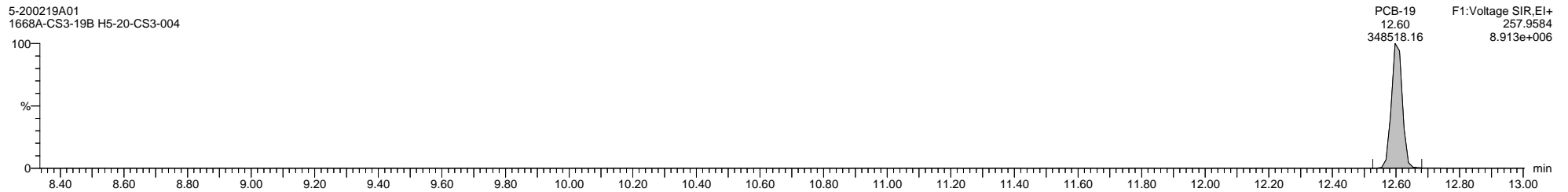
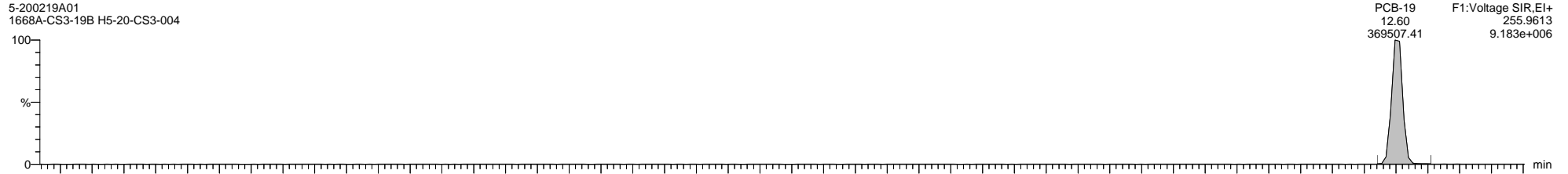
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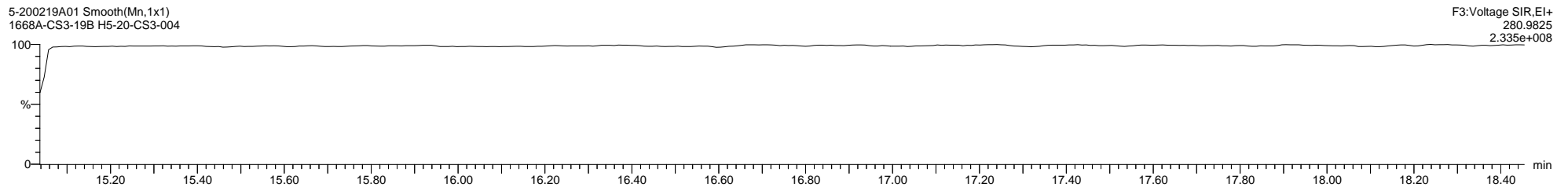
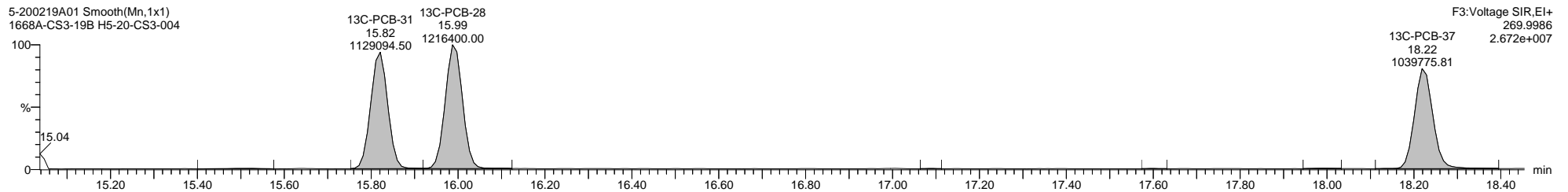
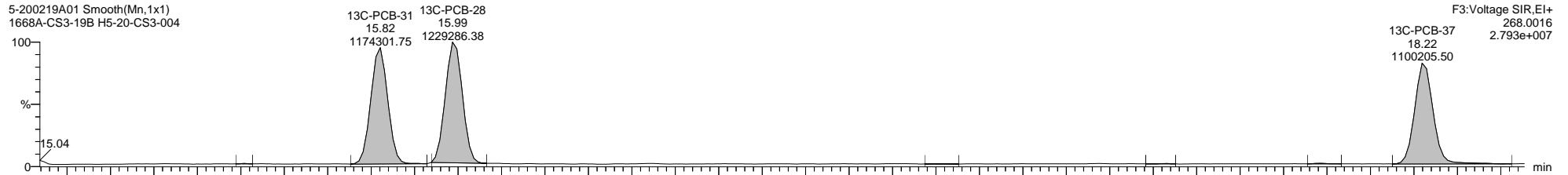
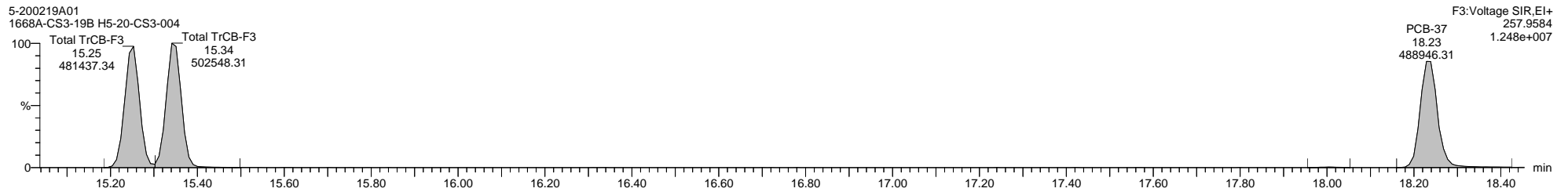
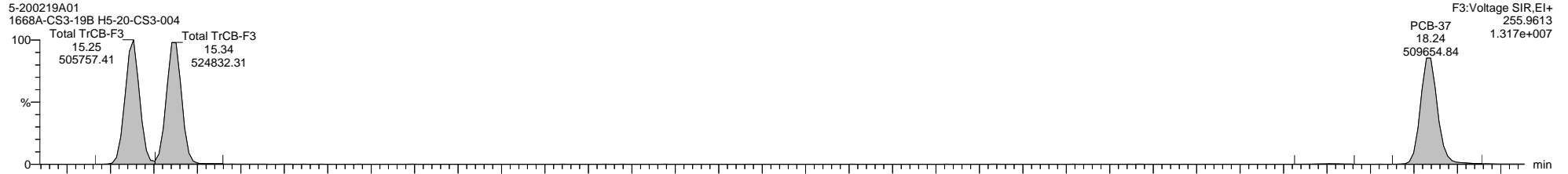


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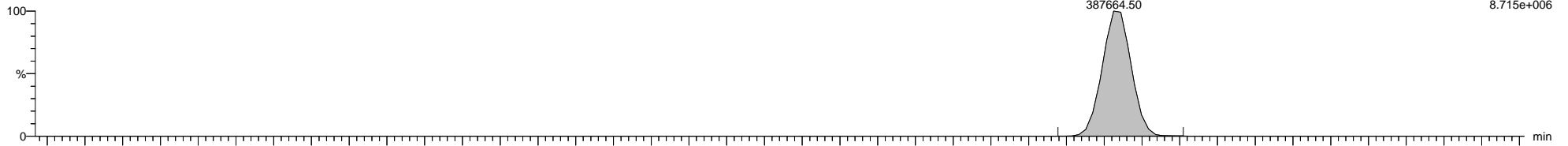
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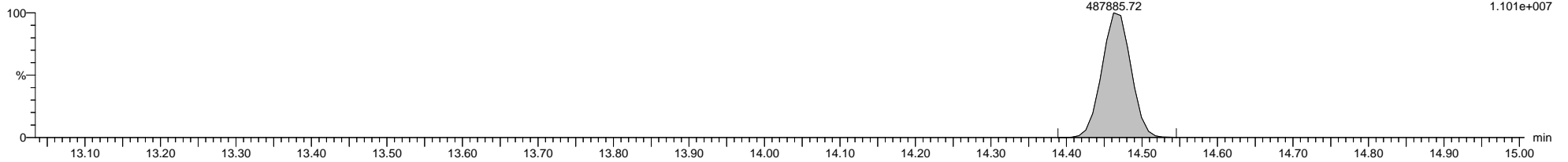
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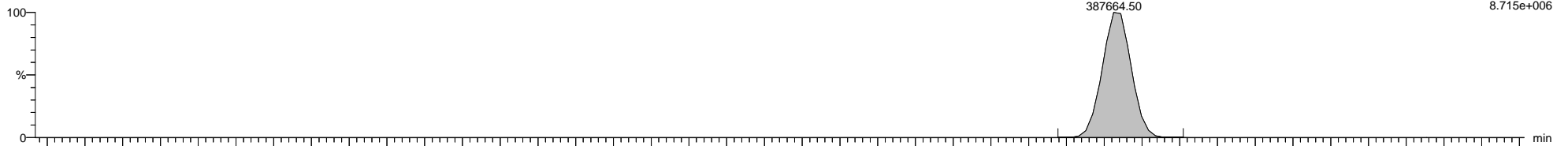
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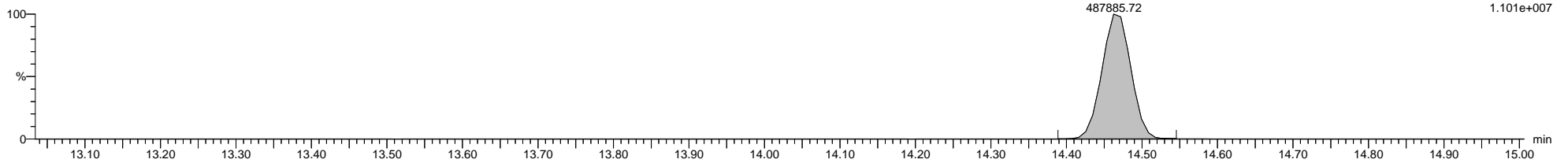
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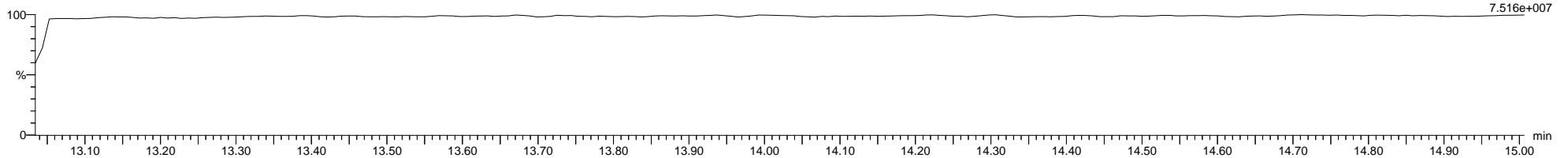
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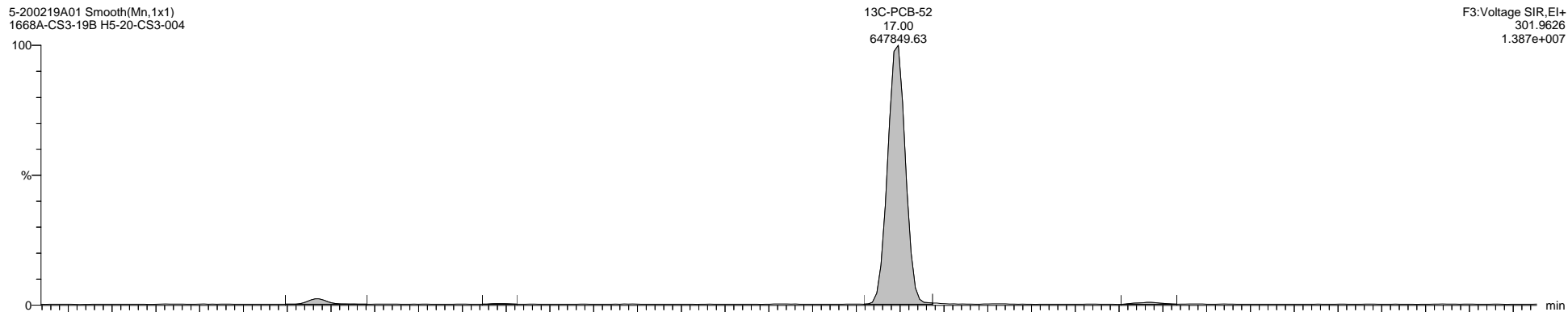
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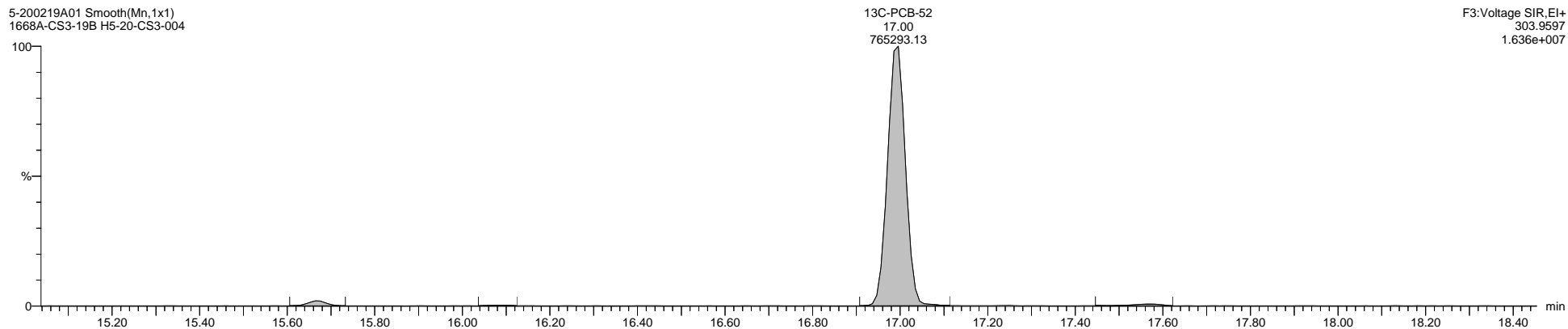
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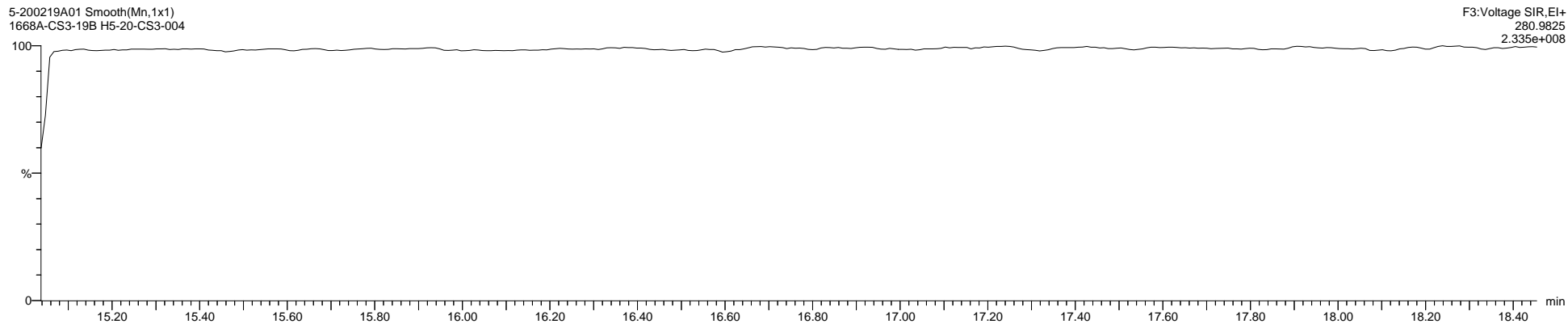
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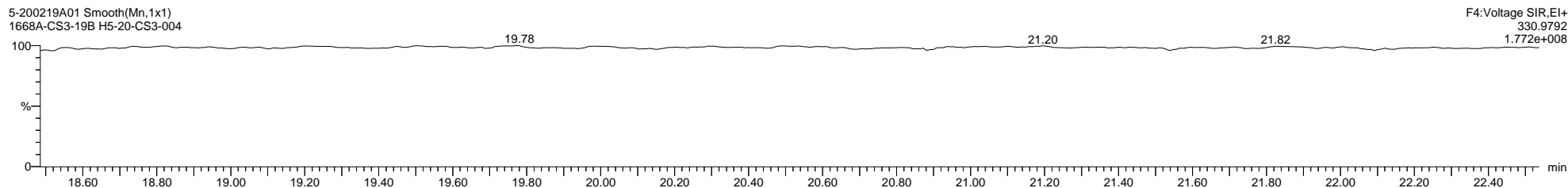
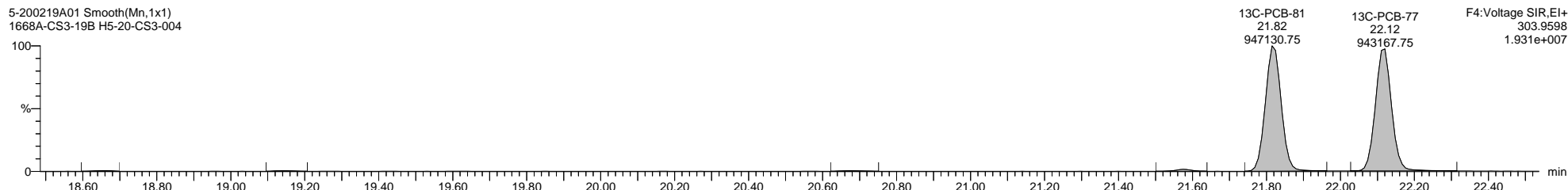
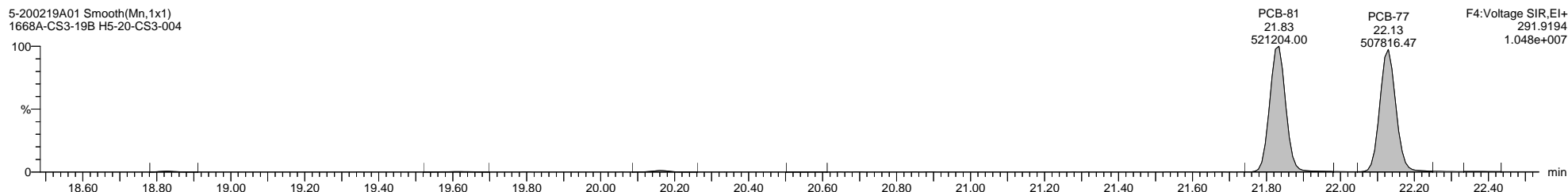
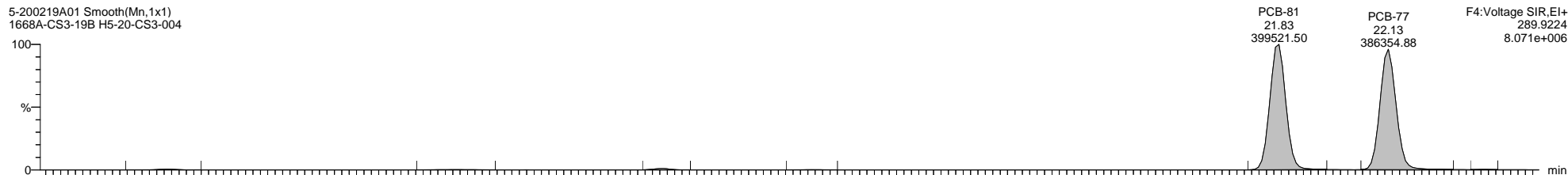


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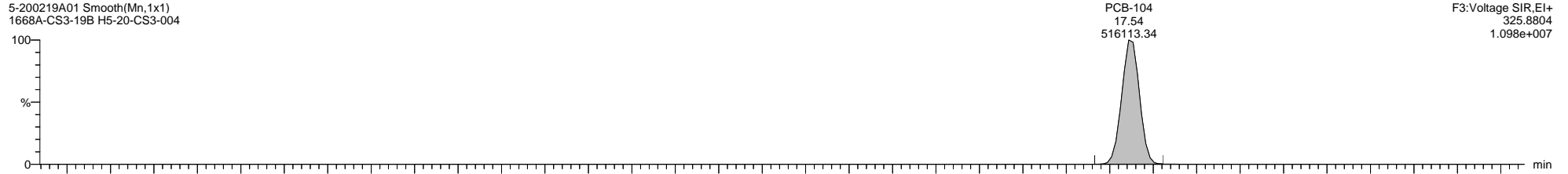
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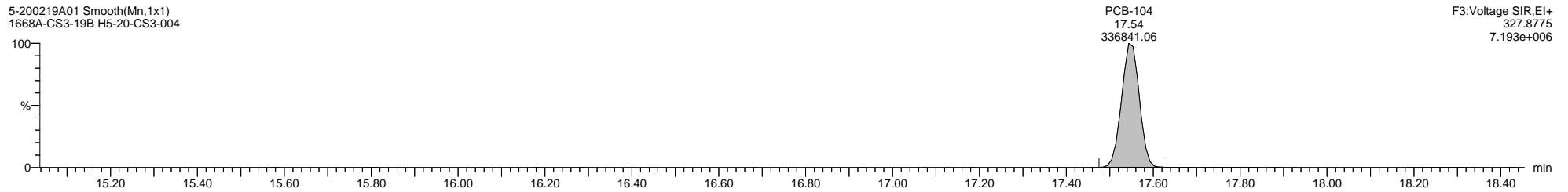
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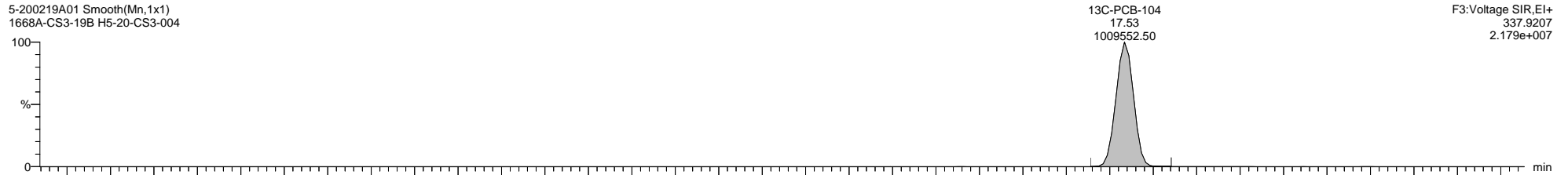
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1668A-CS3-19B H5-20-CS3-004



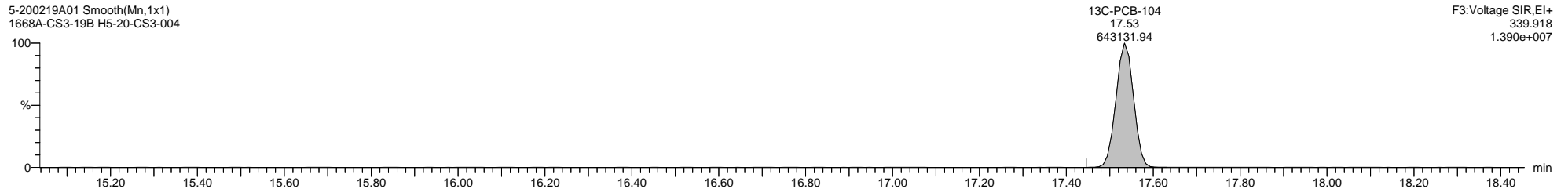
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1668A-CS3-19B H5-20-CS3-004



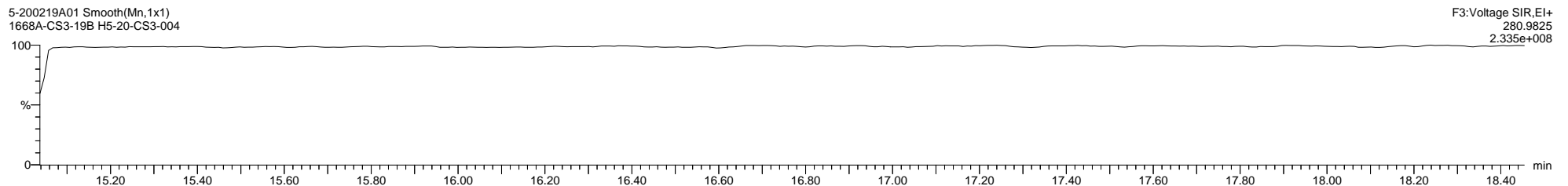
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1668A-CS3-19B H5-20-CS3-004



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1668A-CS3-19B H5-20-CS3-004



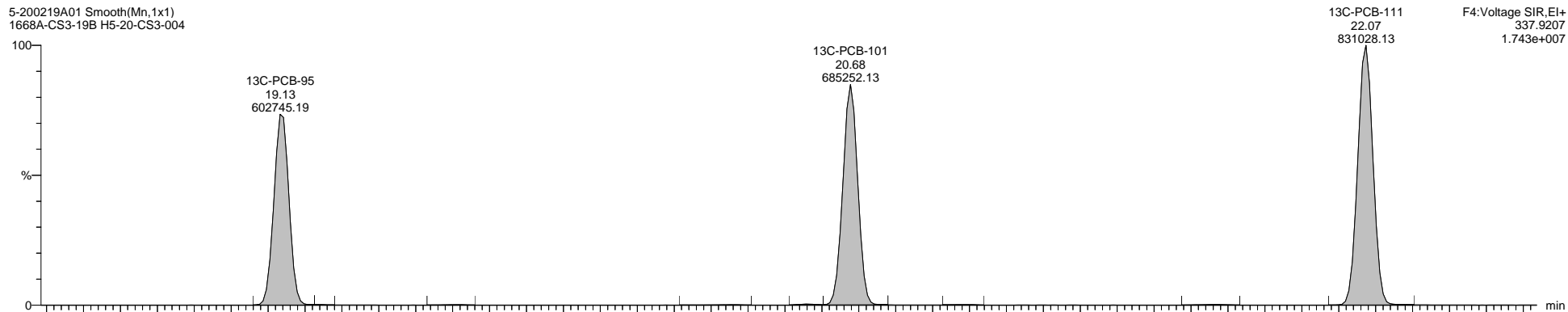
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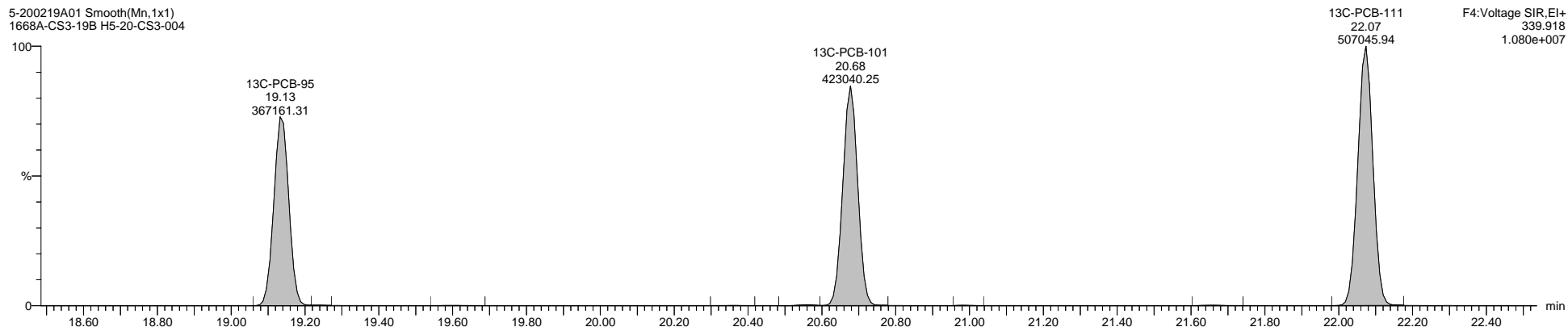
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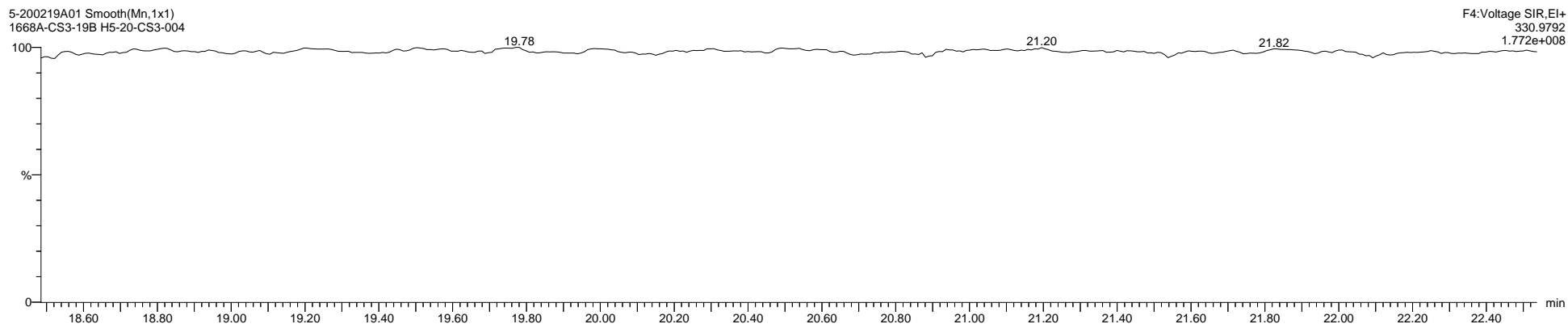
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1668A-CS3-19B H5-20-CS3-004



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1668A-CS3-19B H5-20-CS3-004

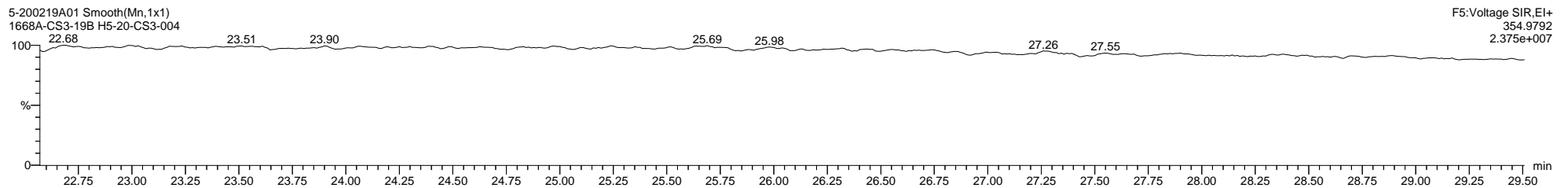
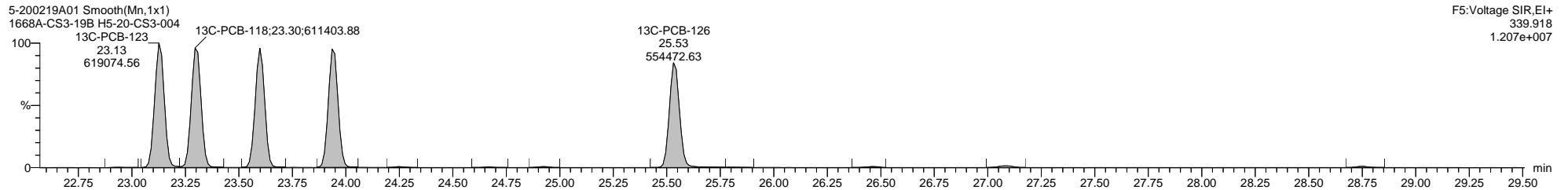
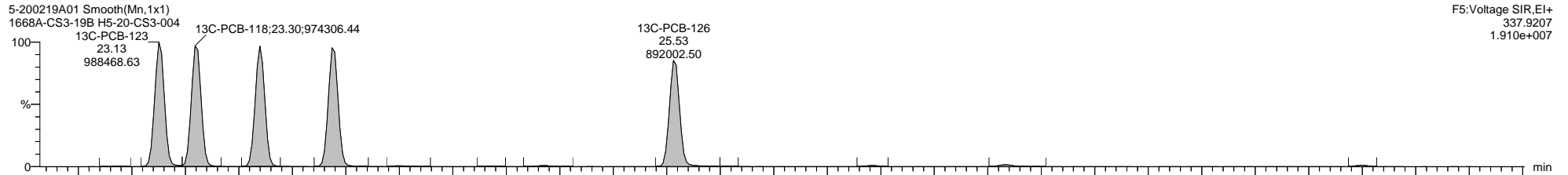
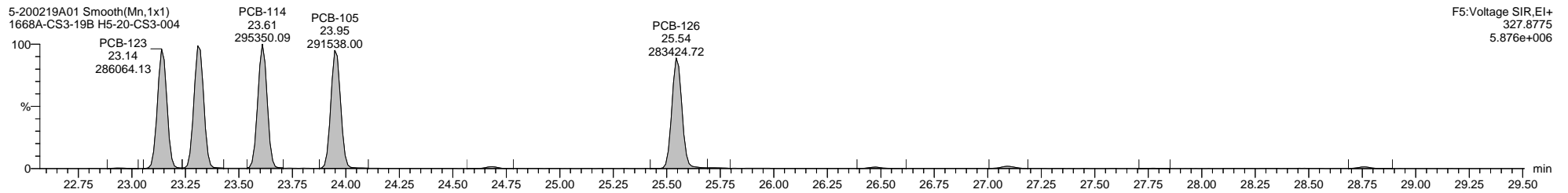
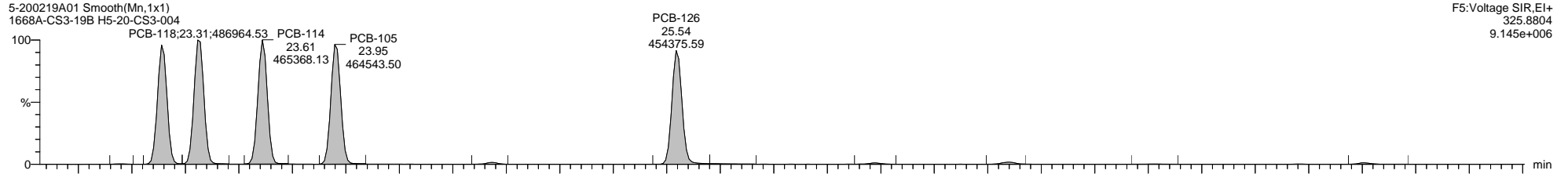


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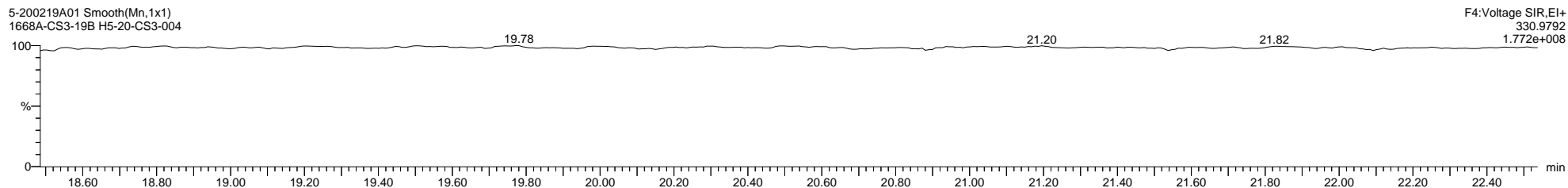
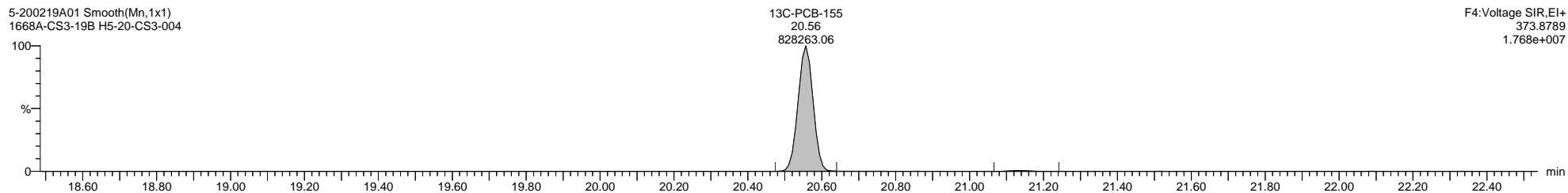
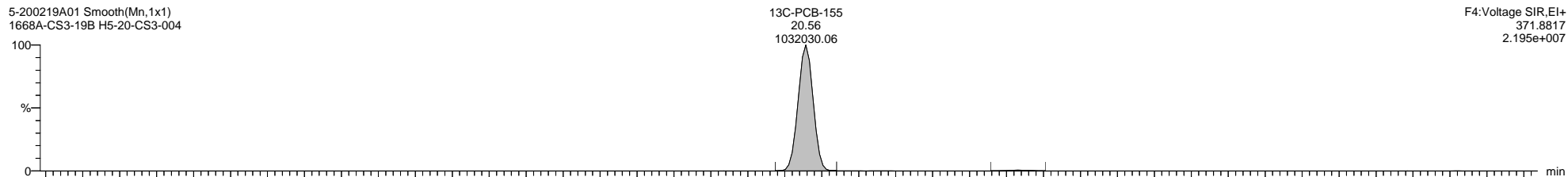
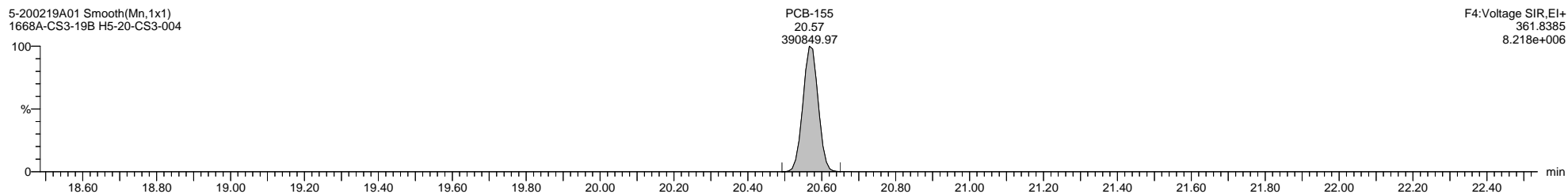
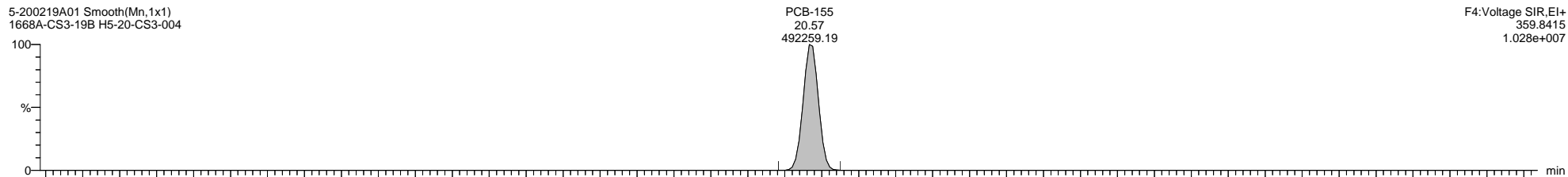


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Name: 5-200219A01, Date: 19-Feb-2020, Time: 13:42:50, ID: H5-20-CS3-004, Description: 1668A-CS3-19B, Vial: Tray1:1





Quantify Sample Template Report

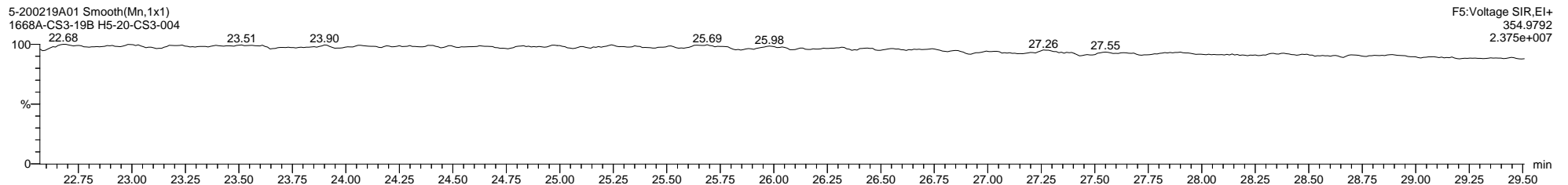
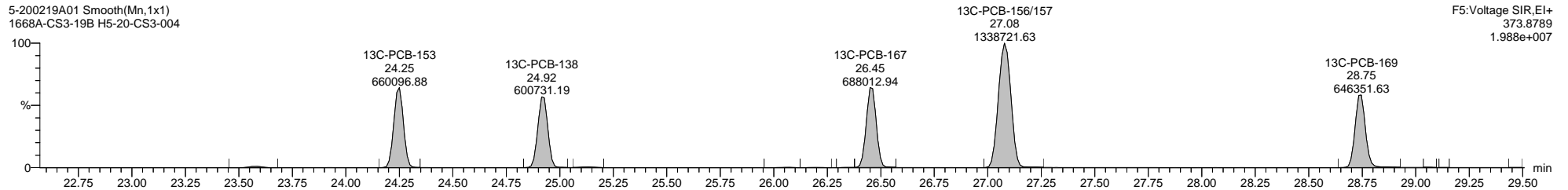
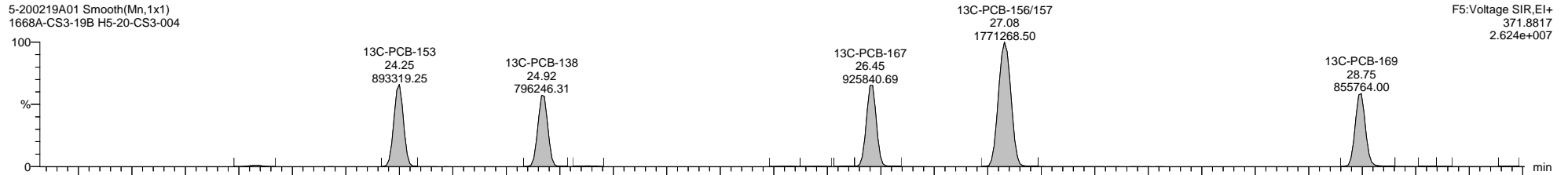
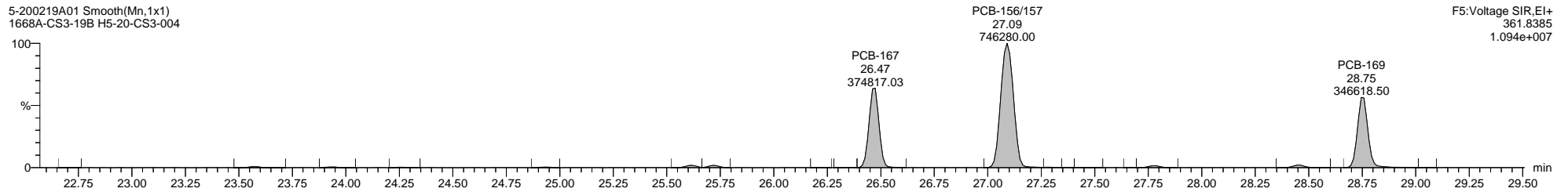
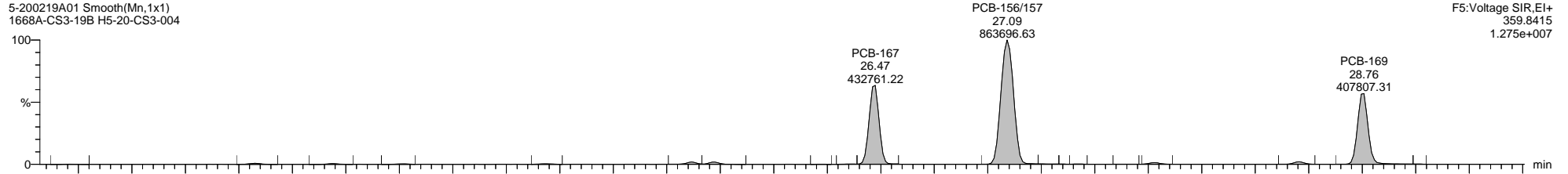
MassLynx MassLynx V4.1 SCN 901

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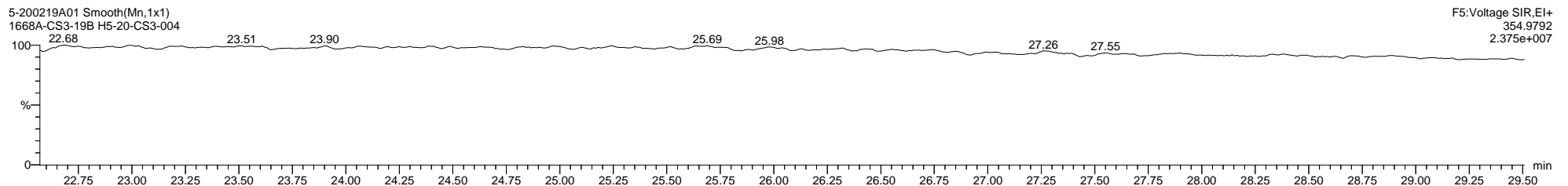
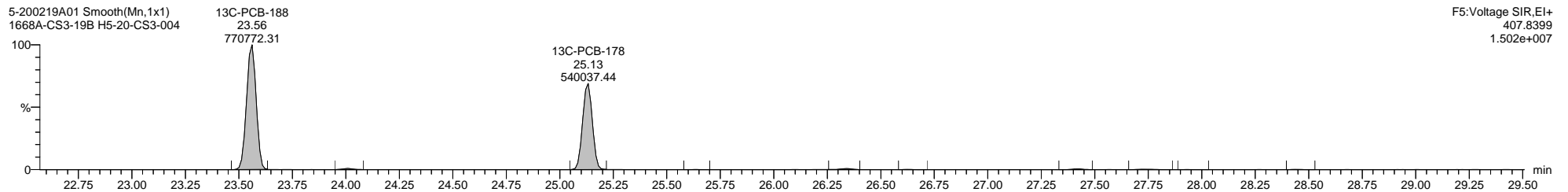
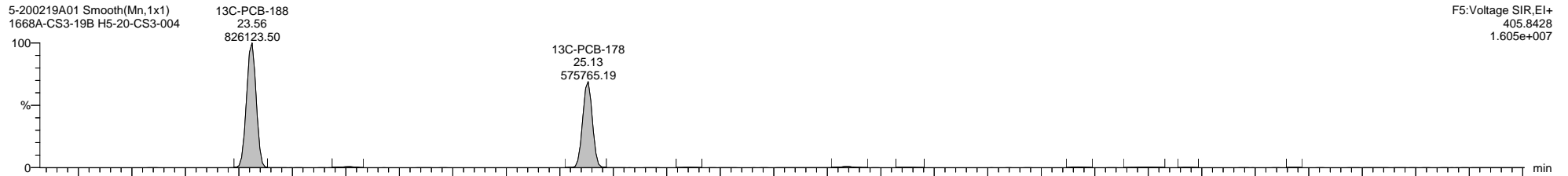
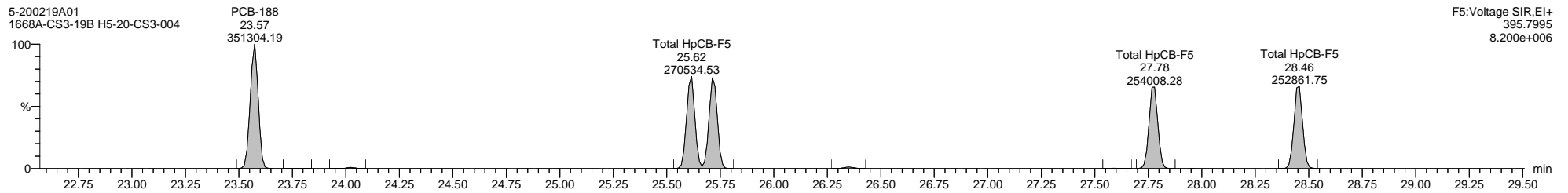
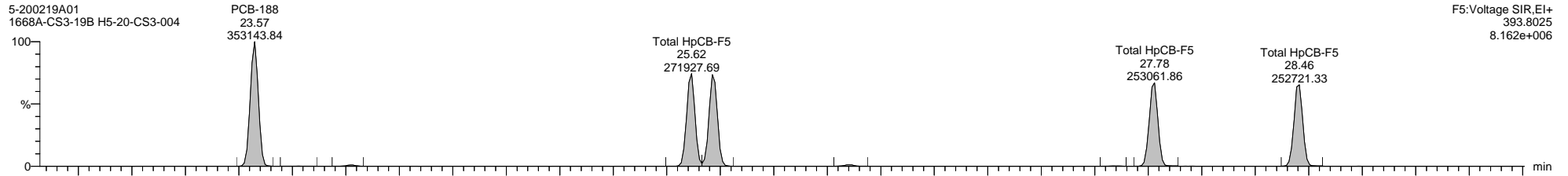


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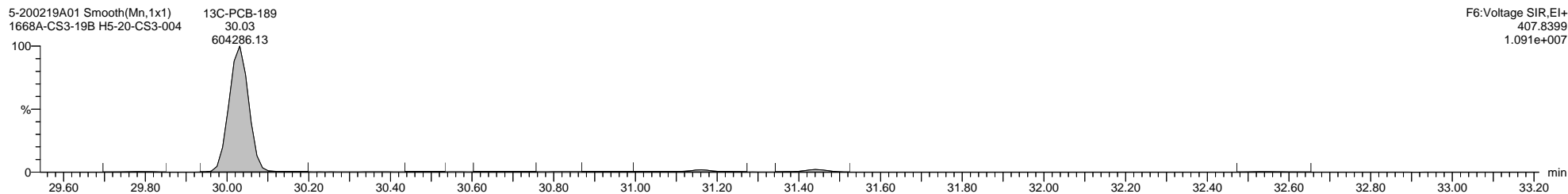
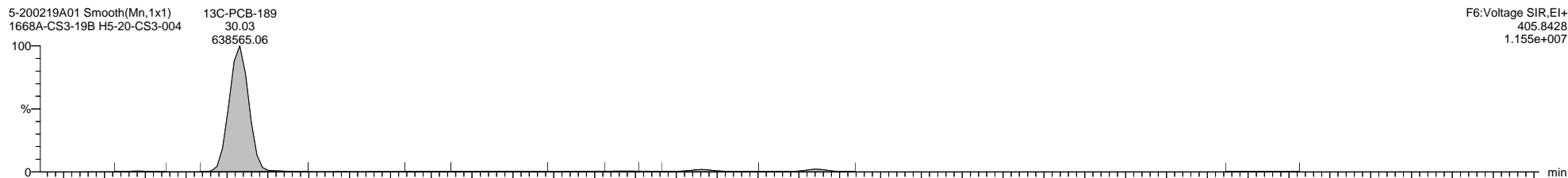
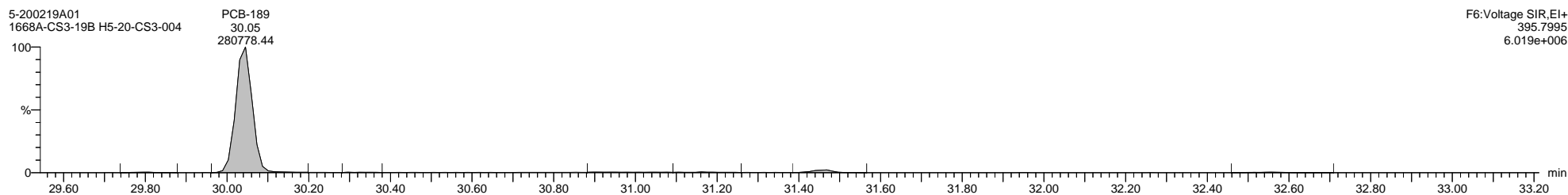
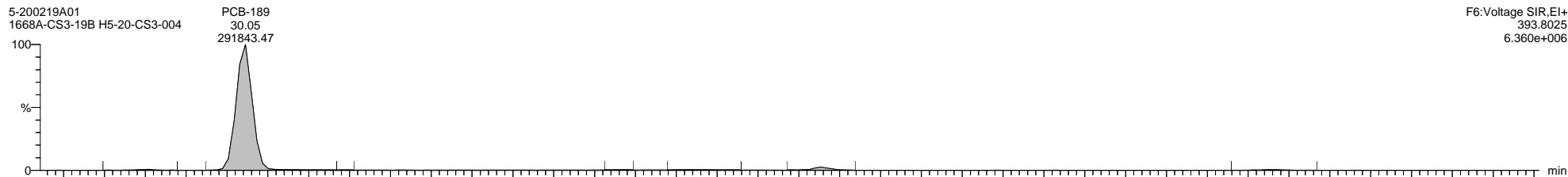


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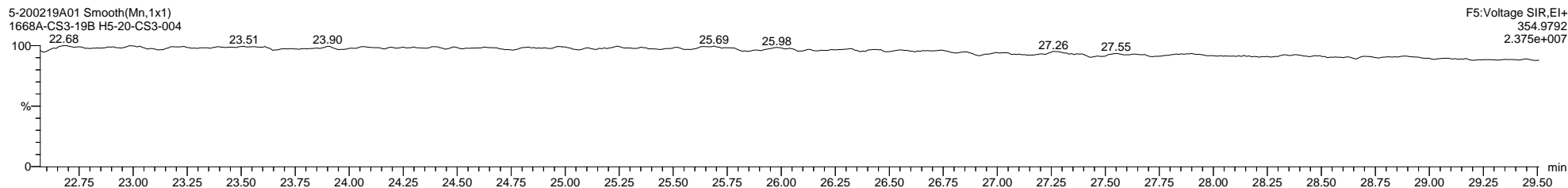
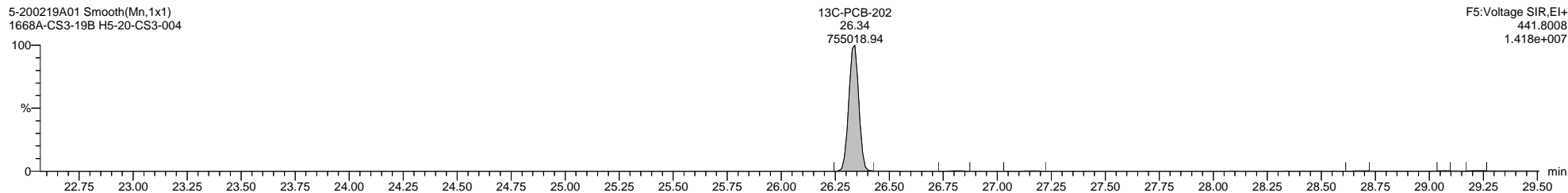
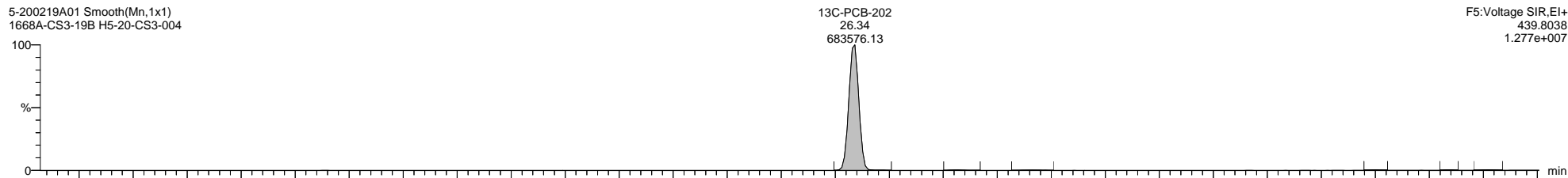
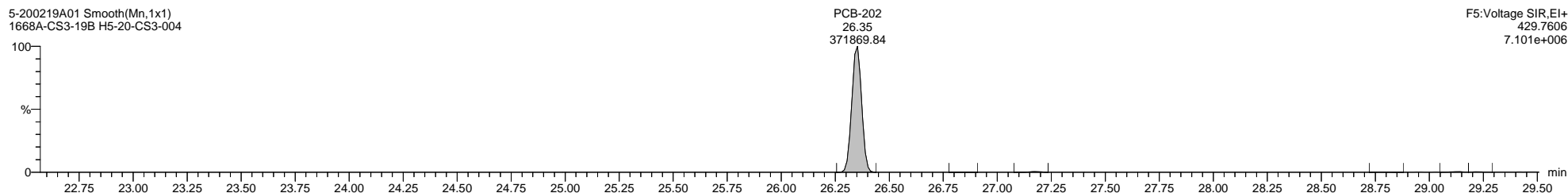
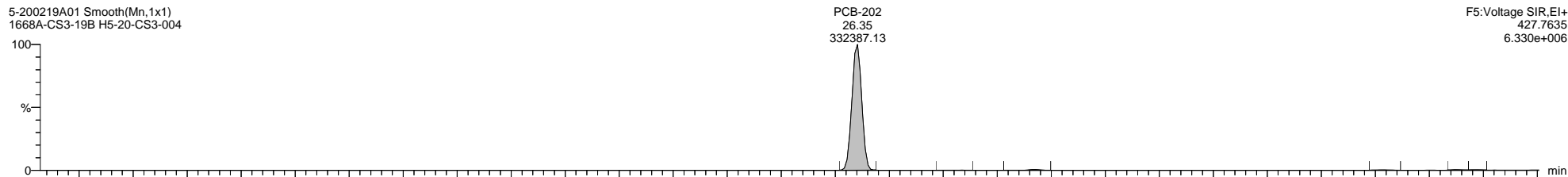
Quantify Sample Template Report MassLynx MassLynx V4.1 SCN 901

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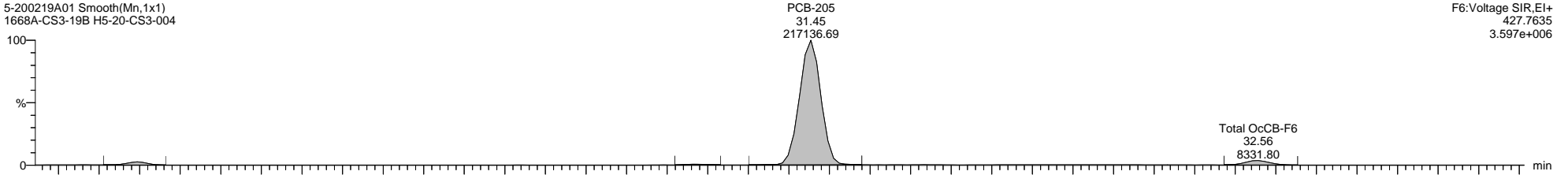
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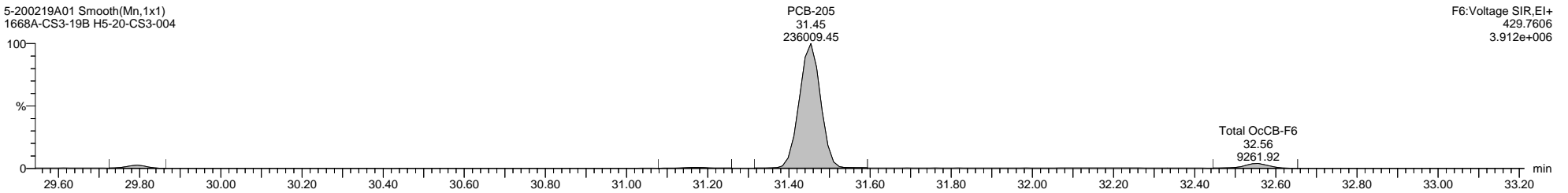
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1668A-CS3-19B H5-20-CS3-004



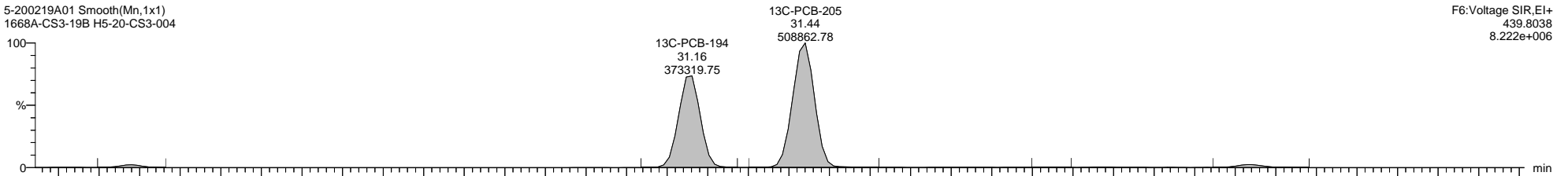
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5-200219A01 Smooth(Mn,1x1)  
1668A-CS3-19B H5-20-CS3-004



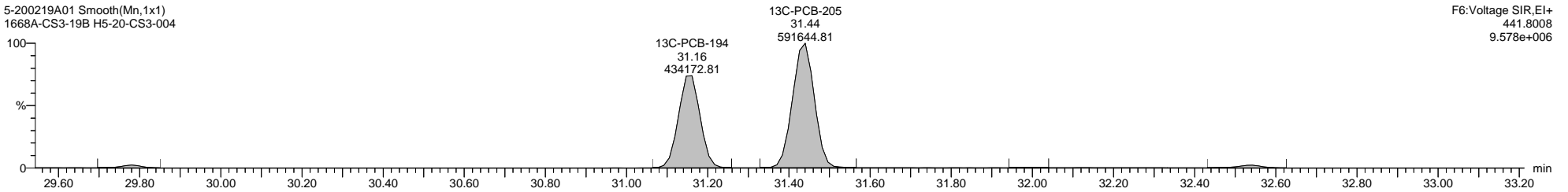
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5-200219A01 Smooth(Mn,1x1)  
1668A-CS3-19B H5-20-CS3-004



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5-200219A01 Smooth(Mn,1x1)  
1668A-CS3-19B H5-20-CS3-004



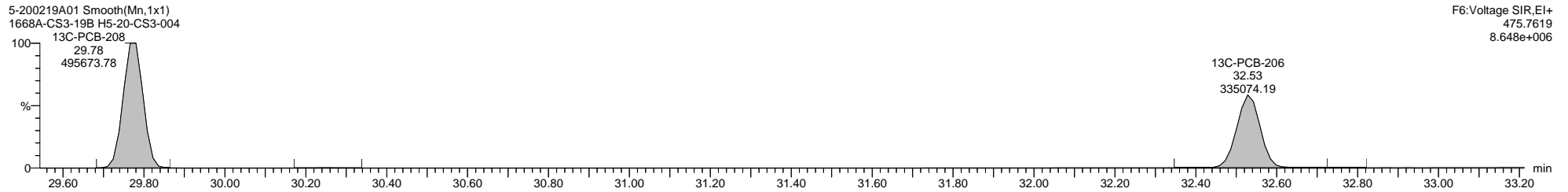
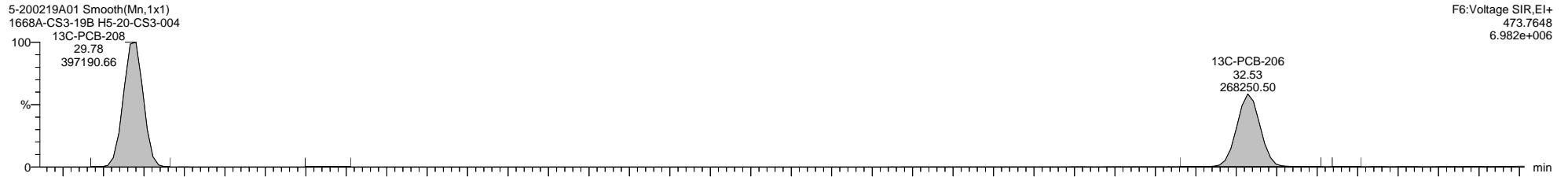
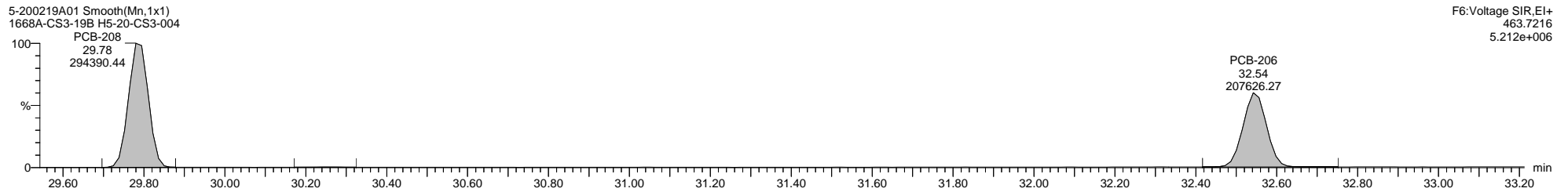
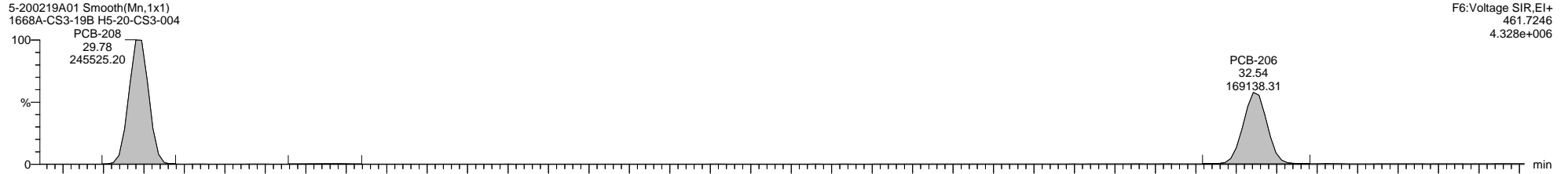
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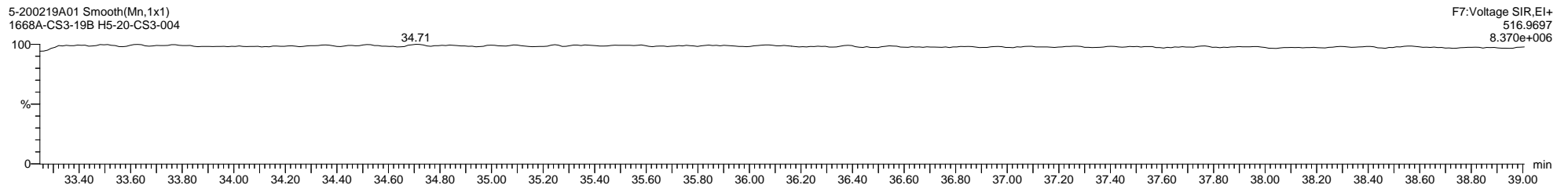
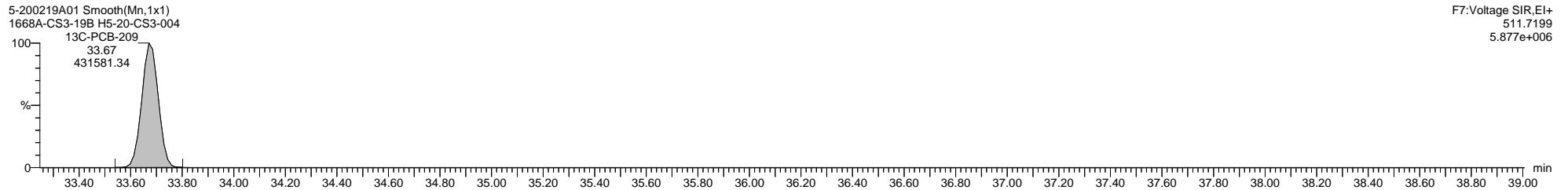
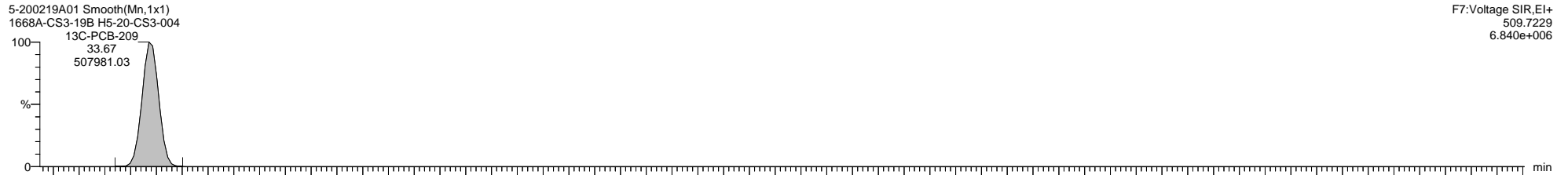
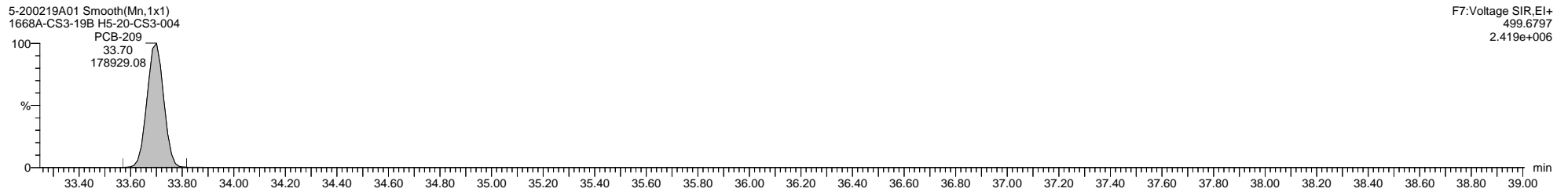
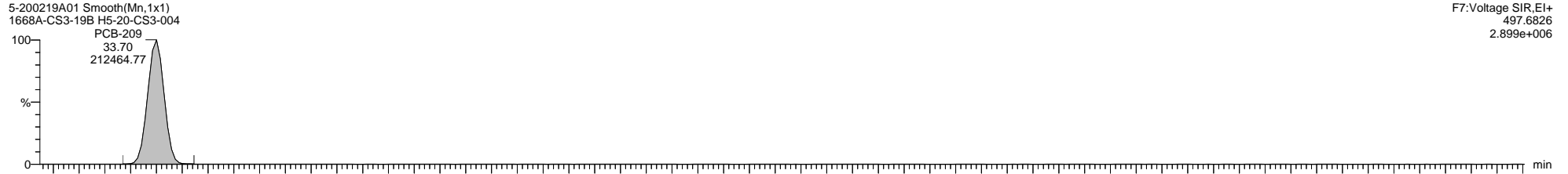


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Name: 5-200219A01, Date: 19-Feb-2020, Time: 13:42:50, ID: H5-20-CS3-004, Description: 1668A-CS3-19B, Vial: Tray1:1



Quantify Sample Template Report

MassLynx MassLynx V4.1 SCN 901

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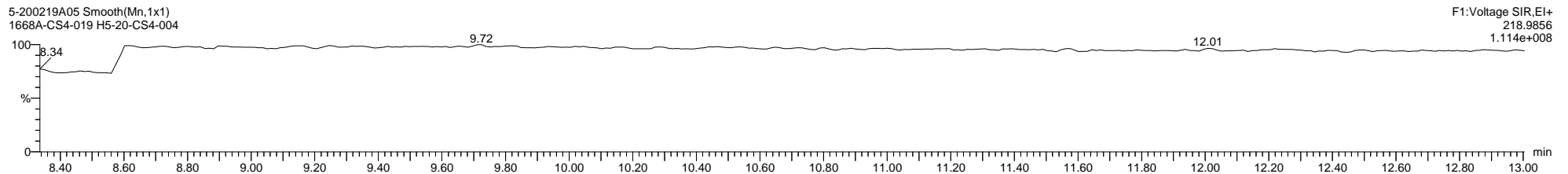
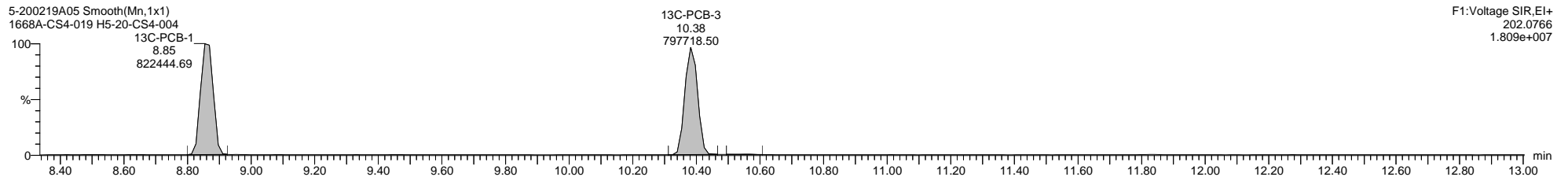
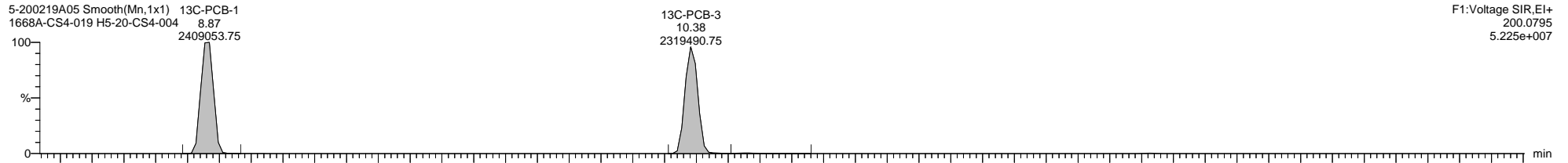
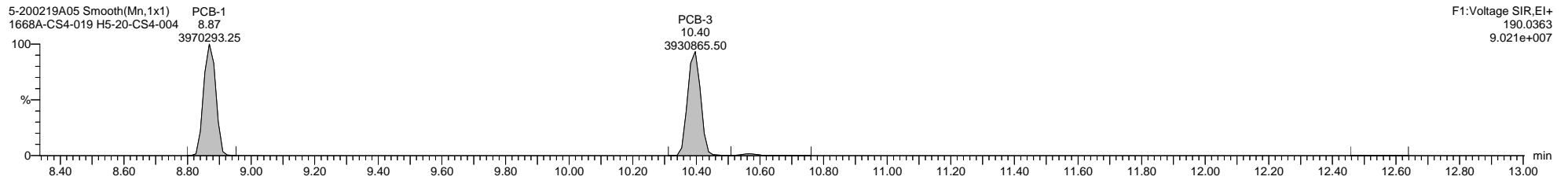
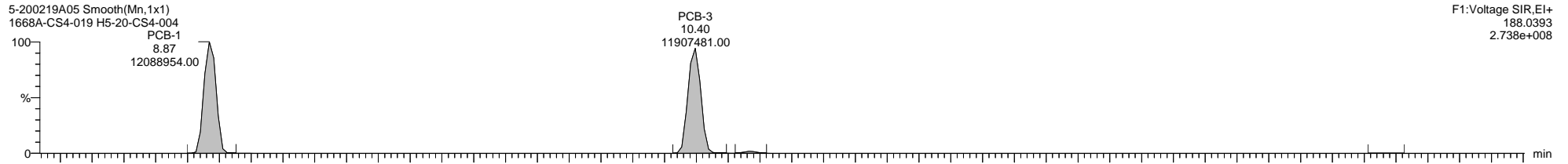
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Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

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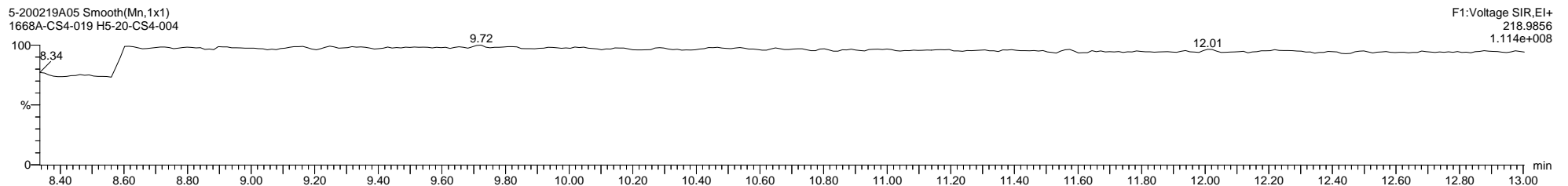
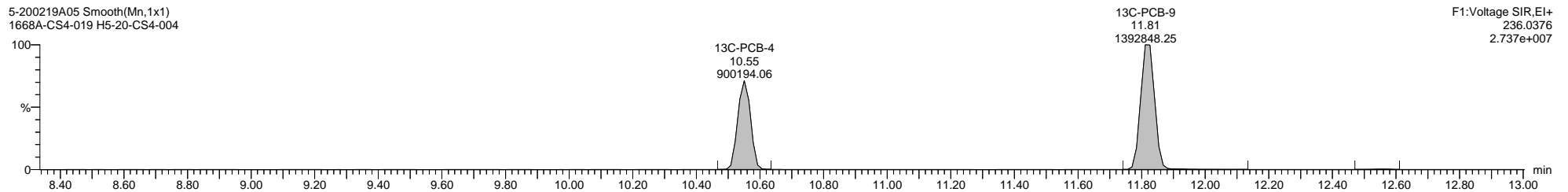
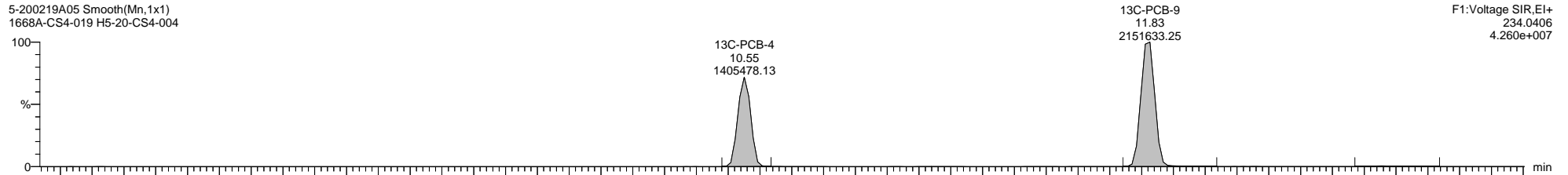
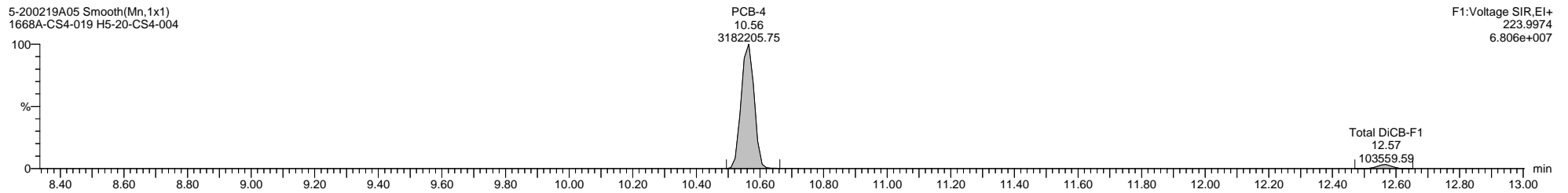
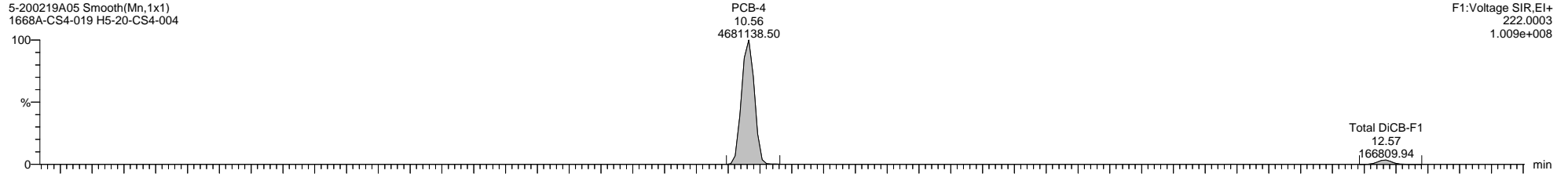


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Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

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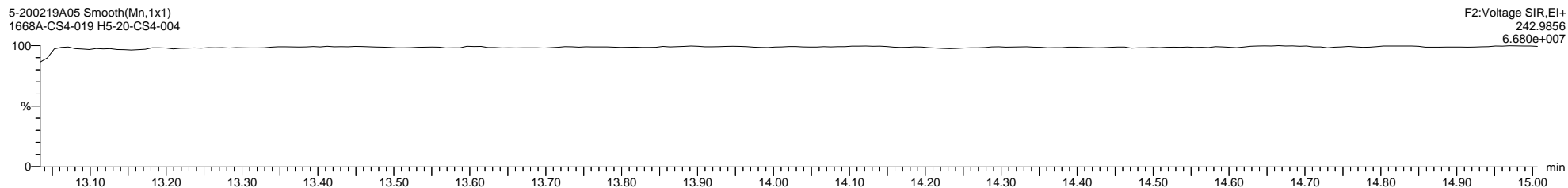
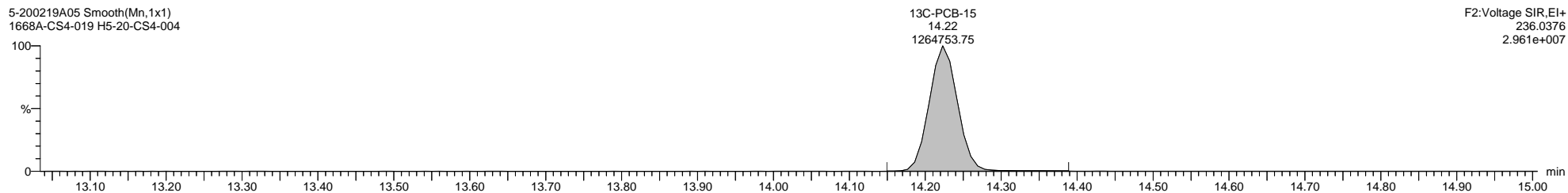
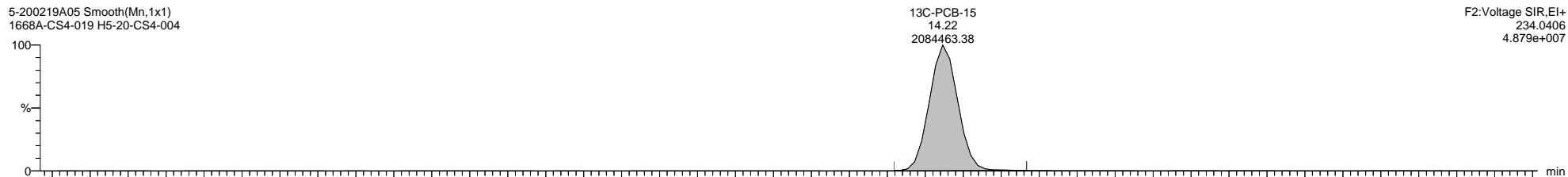
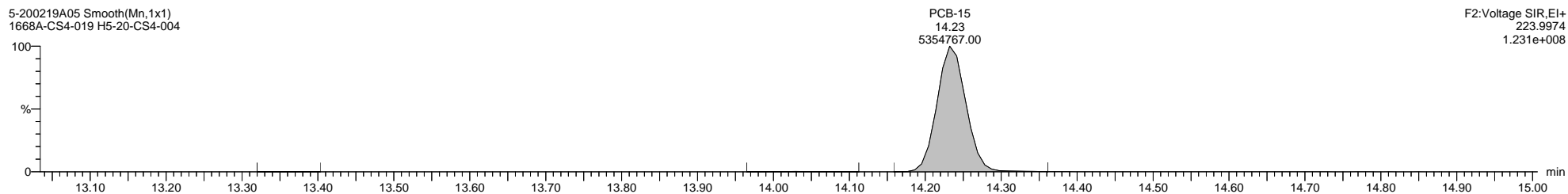
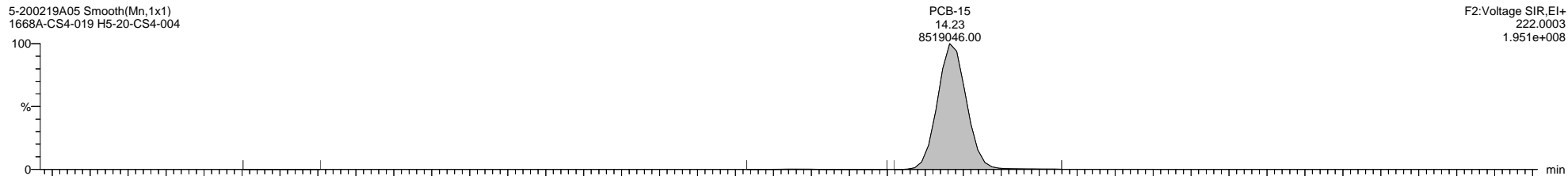


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Quantify Sample Template Report

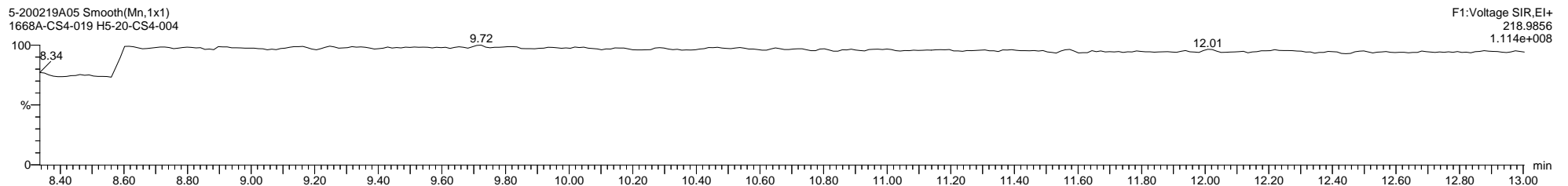
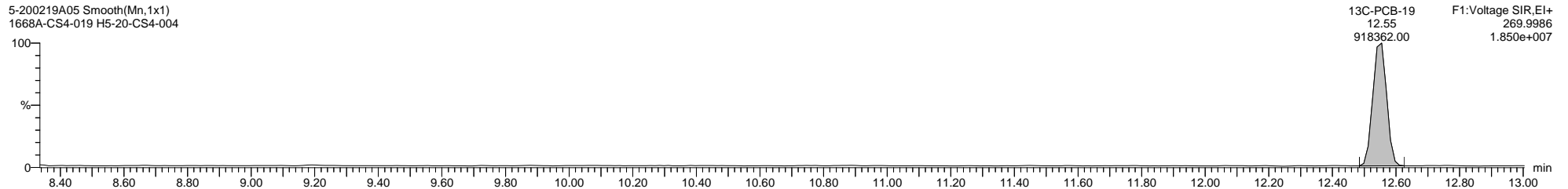
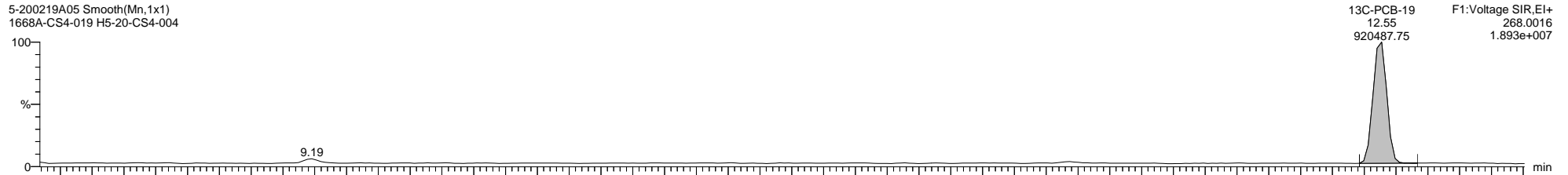
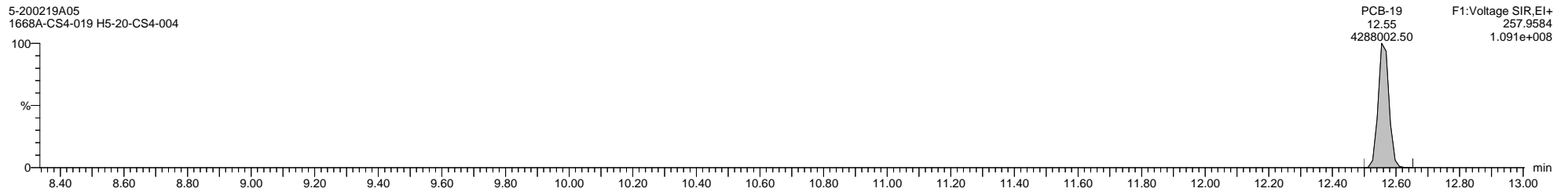
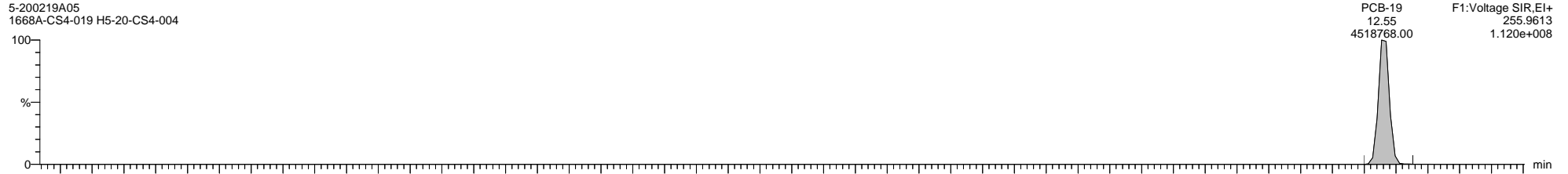
MassLynx MassLynx V4.1 SCN 901

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Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

Name: 5-200219A05, Date: 19-Feb-2020, Time: 16:57:41, ID: H5-20-CS4-004, Description: 1668A-CS4-019, Vial: Tray1:43



Quantify Sample Template Report

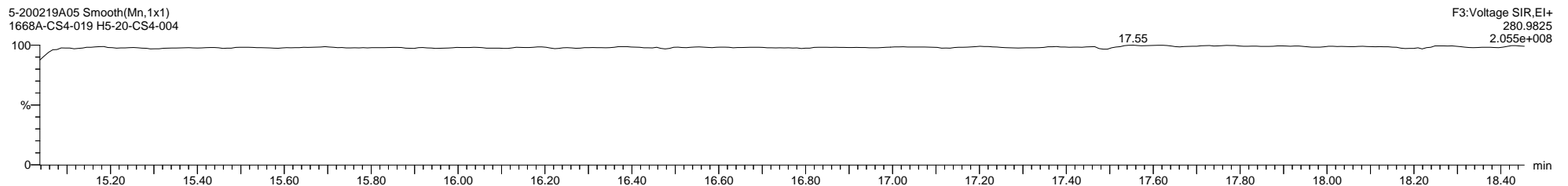
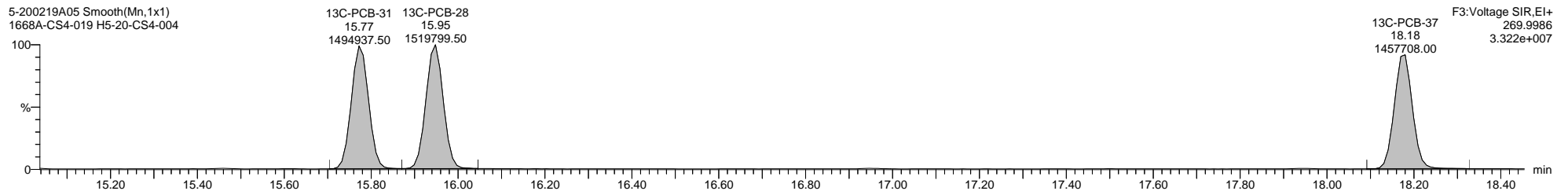
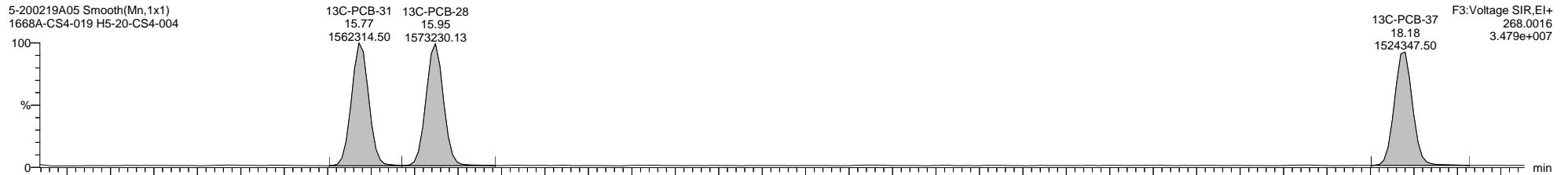
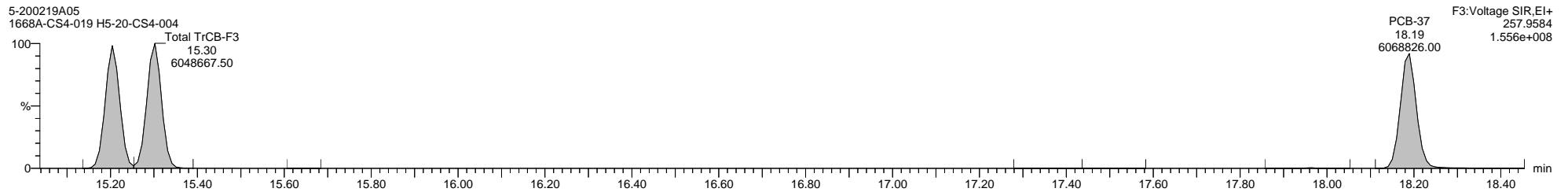
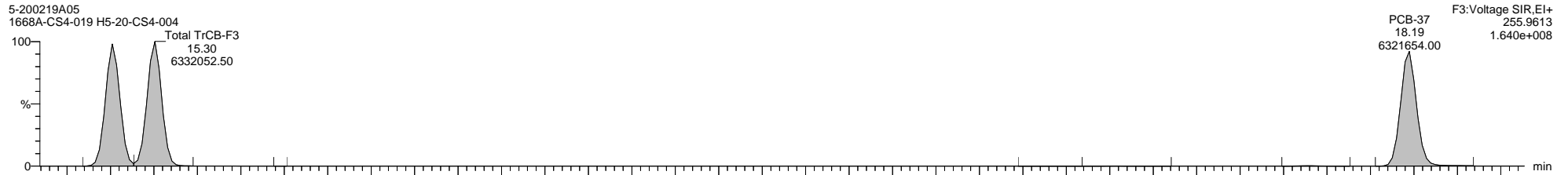
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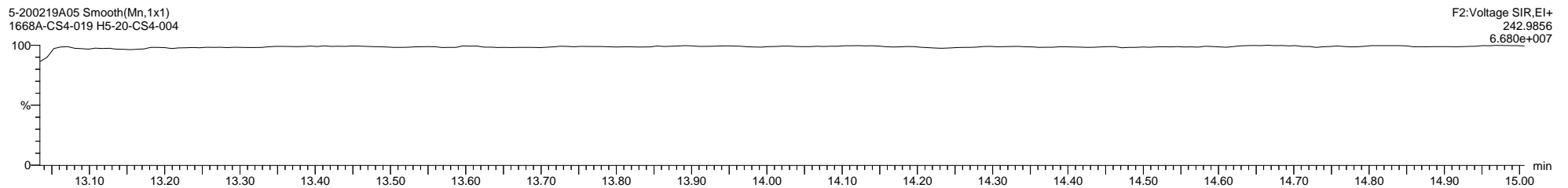
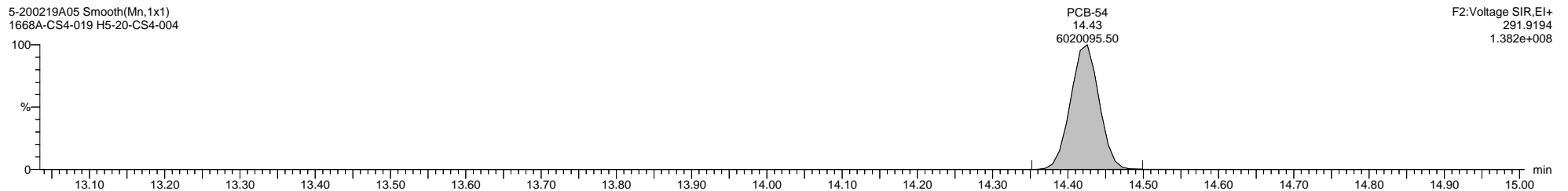
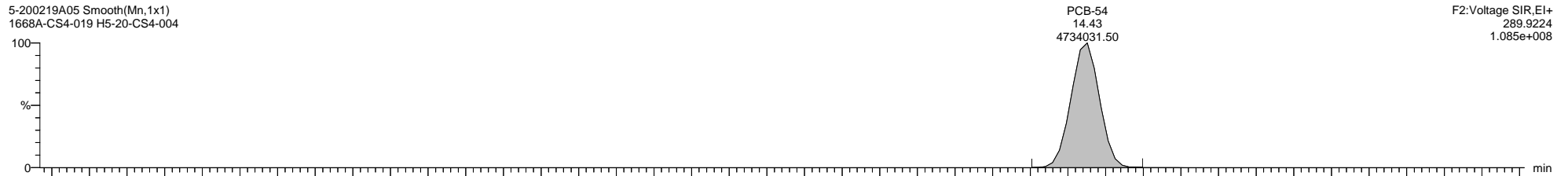
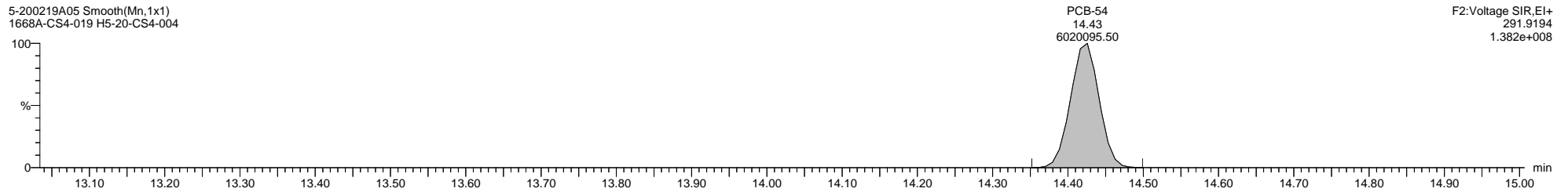
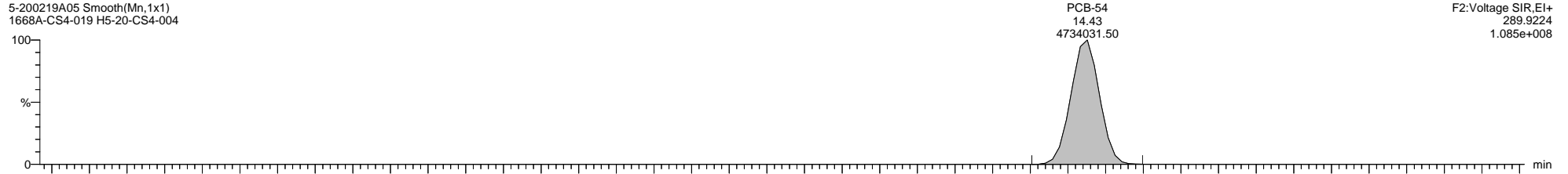


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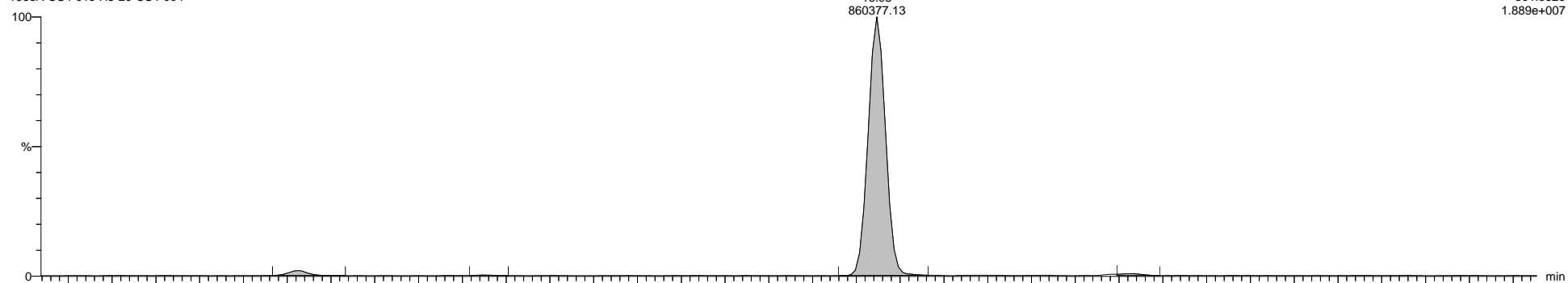
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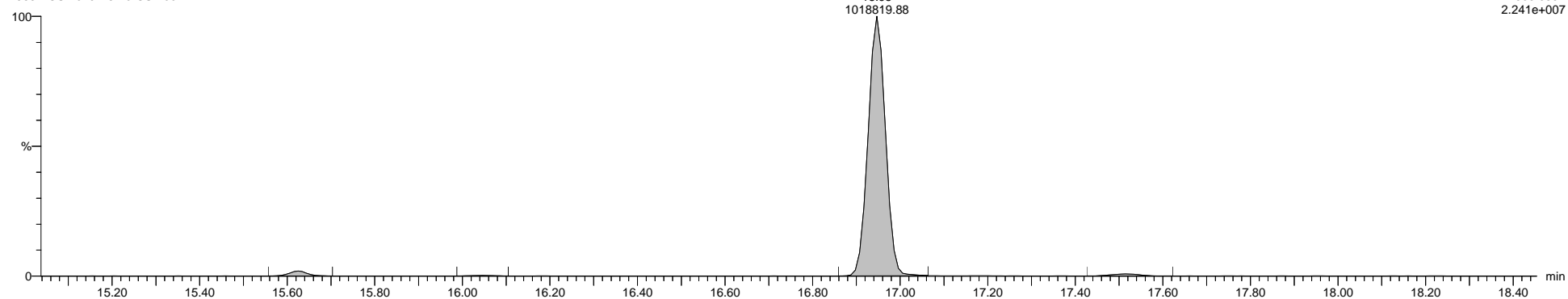
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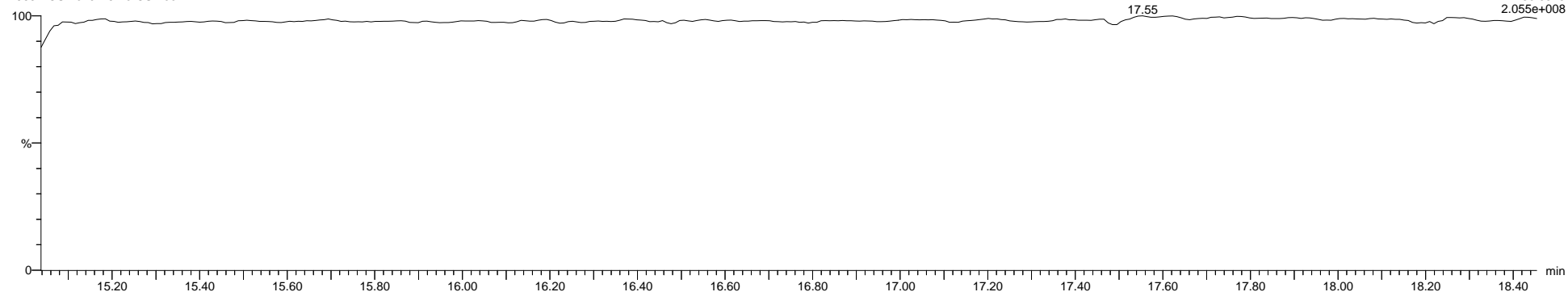
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1668A-CS4-019 H5-20-CS4-004



5-200219A05 Smooth(Mn,1x1)  
1668A-CS4-019 H5-20-CS4-004



5-200219A05 Smooth(Mn,1x1)  
1668A-CS4-019 H5-20-CS4-004

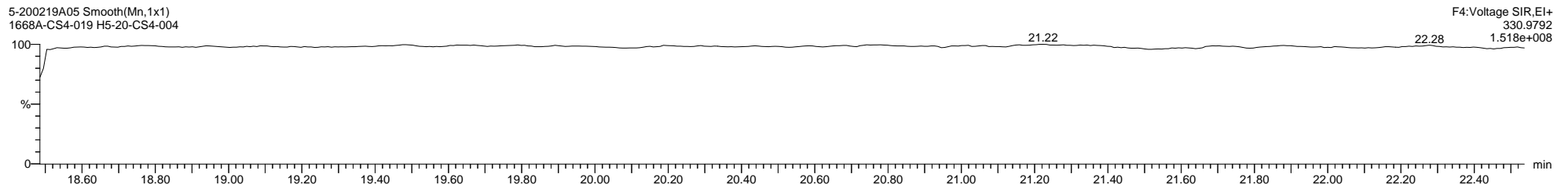
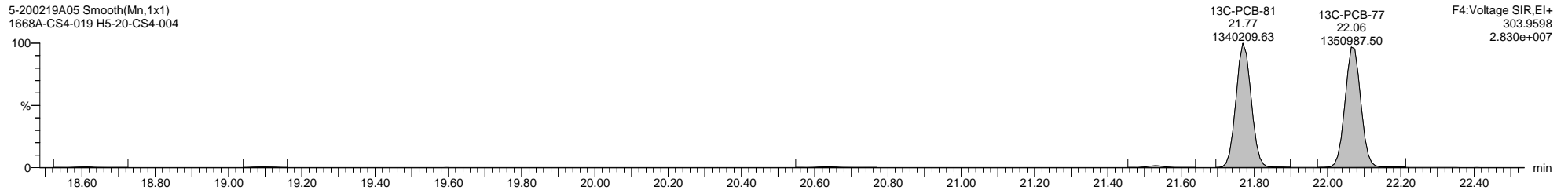
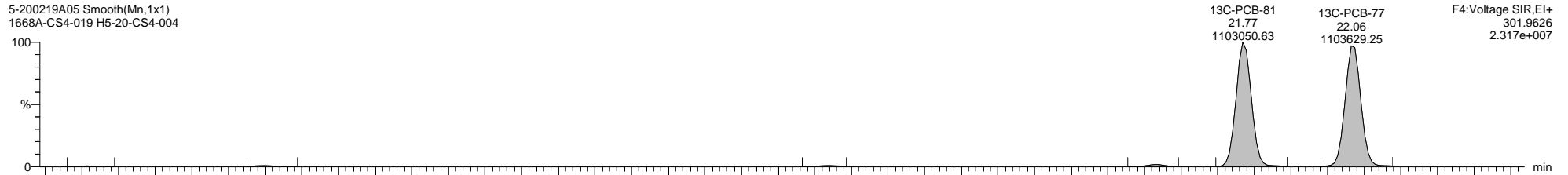
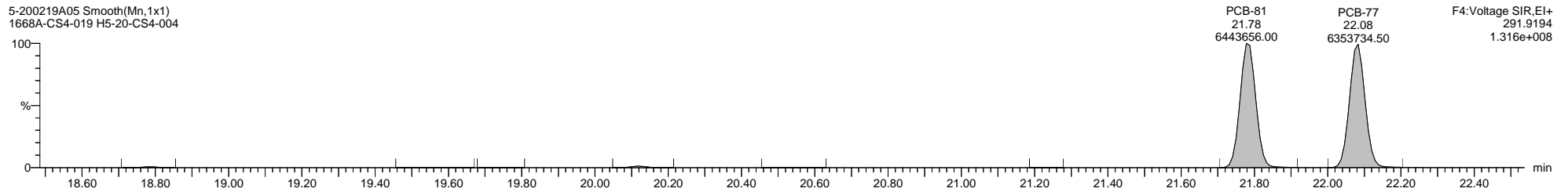
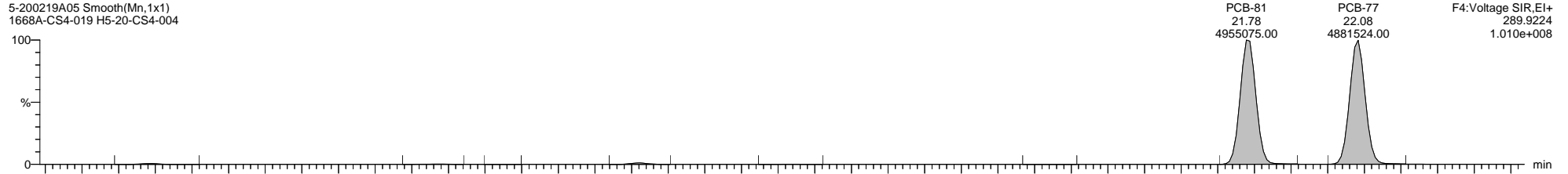


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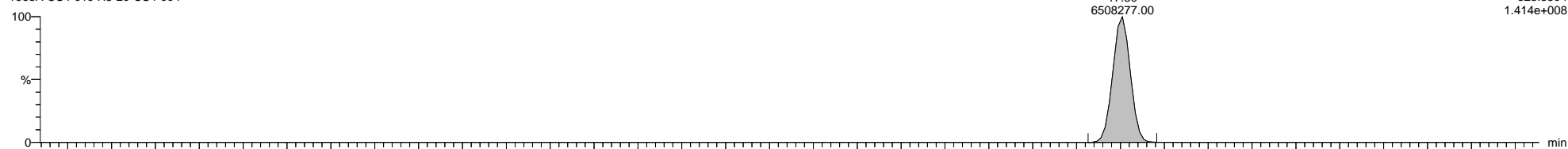
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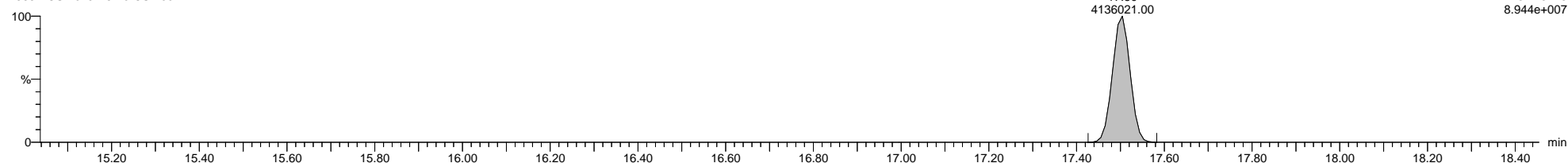
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1668A-CS4-019 H5-20-CS4-004



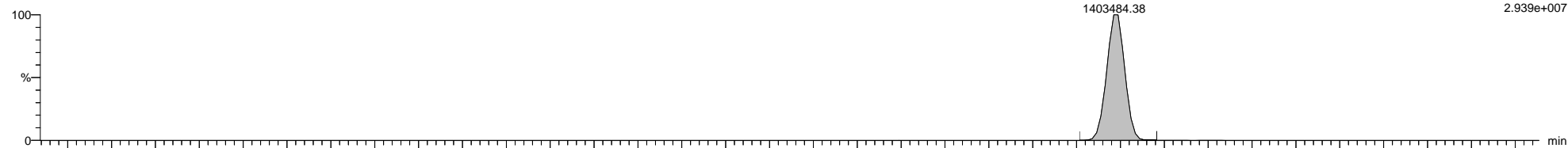
F3:Voltage SIR,EI+  
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1.414e+008

5-200219A05 Smooth(Mn,1x1)  
1668A-CS4-019 H5-20-CS4-004



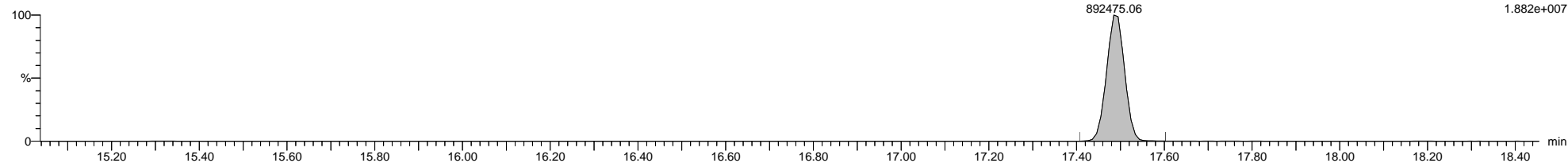
F3:Voltage SIR,EI+  
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1668A-CS4-019 H5-20-CS4-004



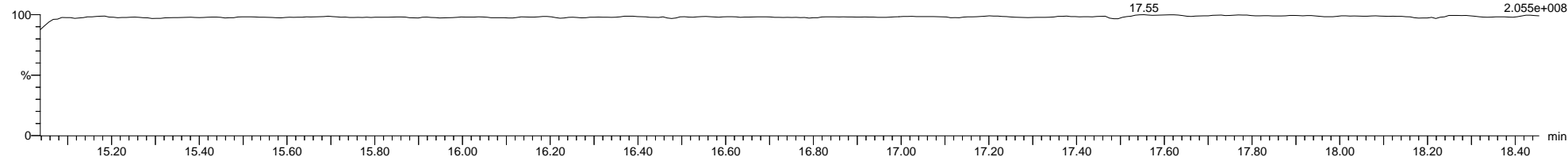
F3:Voltage SIR,EI+  
337.9207  
2.939e+007

5-200219A05 Smooth(Mn,1x1)  
1668A-CS4-019 H5-20-CS4-004



F3:Voltage SIR,EI+  
339.918  
1.882e+007

5-200219A05 Smooth(Mn,1x1)  
1668A-CS4-019 H5-20-CS4-004



F3:Voltage SIR,EI+  
280.9825  
2.055e+008



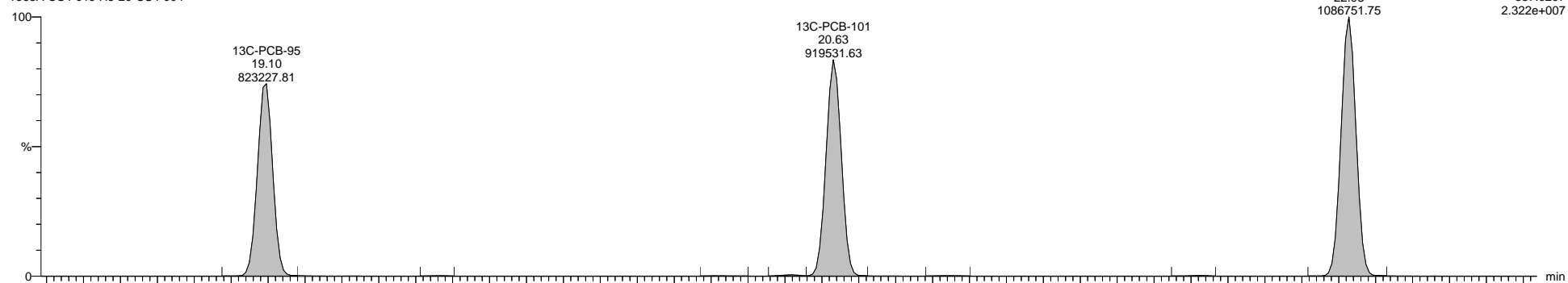
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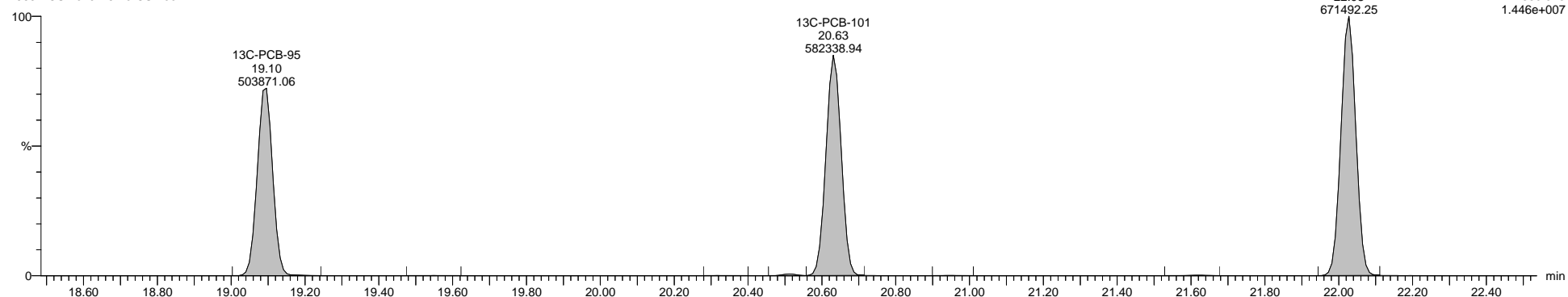
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1668A-CS4-019 H5-20-CS4-004



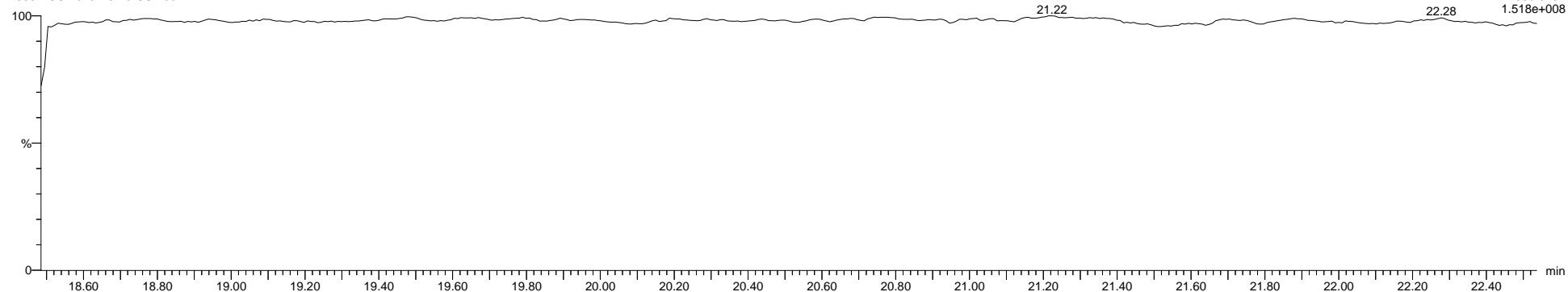
F4:Voltage SIR,El+  
337.9207  
2.322e+007

5-200219A05 Smooth(Mn,1x1)  
1668A-CS4-019 H5-20-CS4-004



F4:Voltage SIR,El+  
339.918  
1.446e+007

5-200219A05 Smooth(Mn,1x1)  
1668A-CS4-019 H5-20-CS4-004



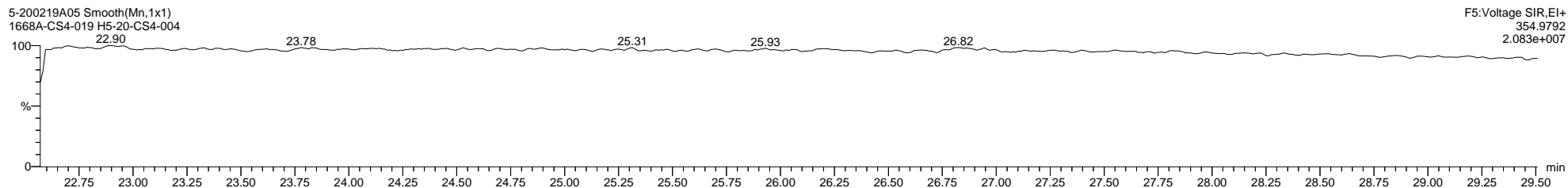
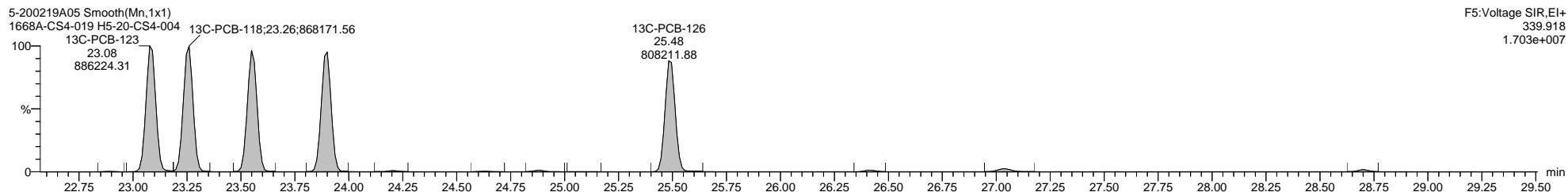
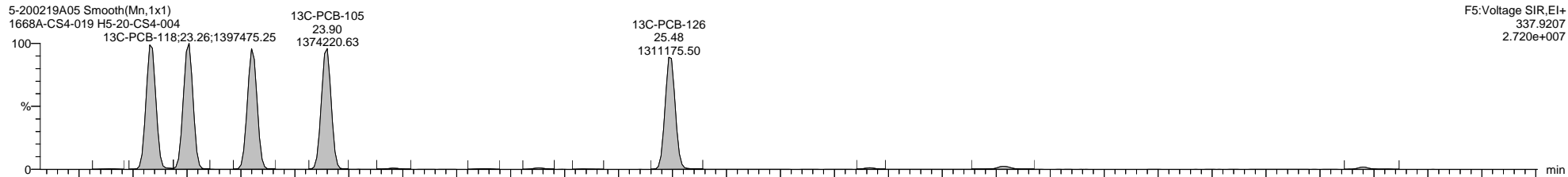
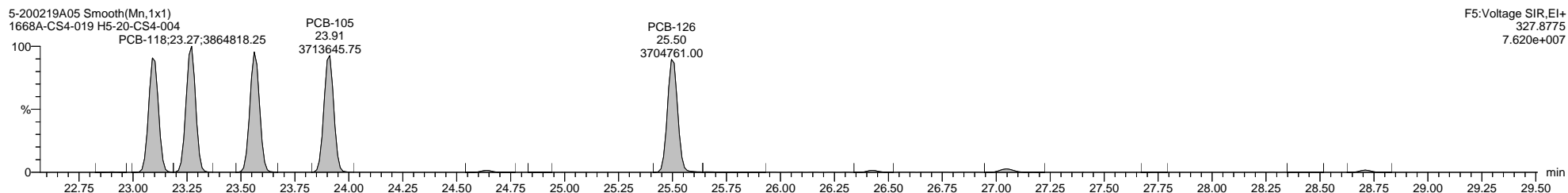
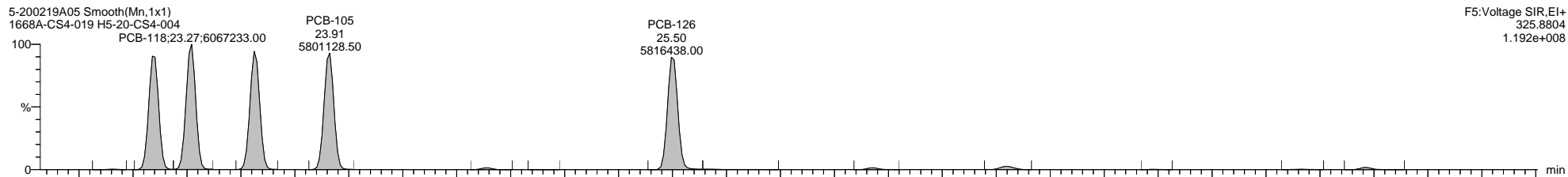
F4:Voltage SIR,El+  
330.9792  
1.518e+008

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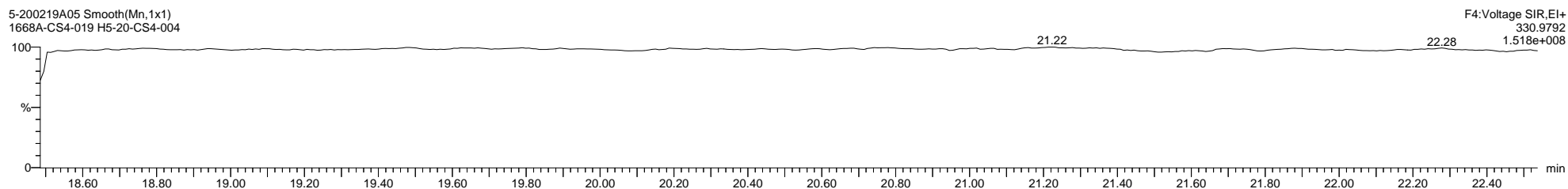
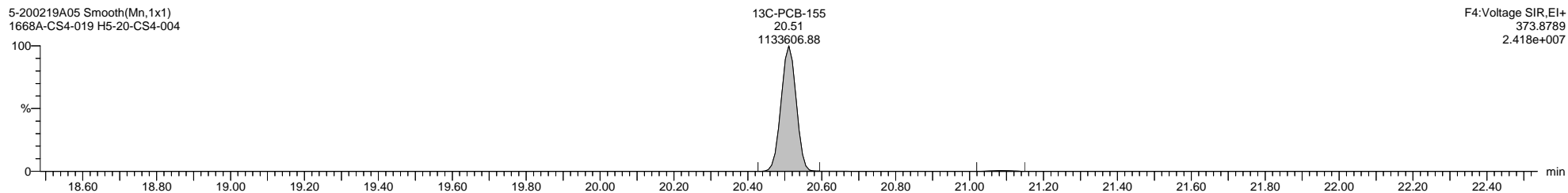
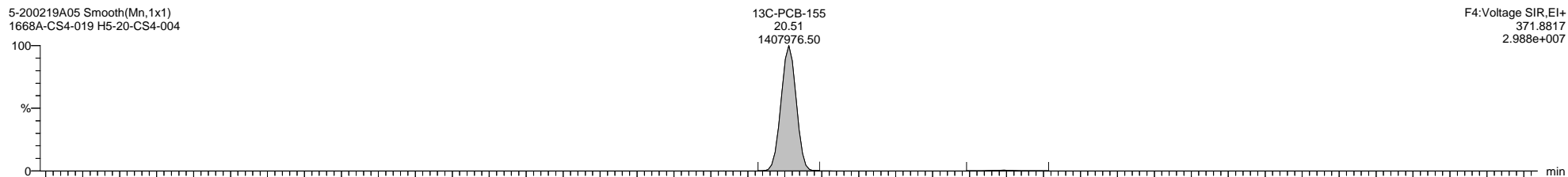
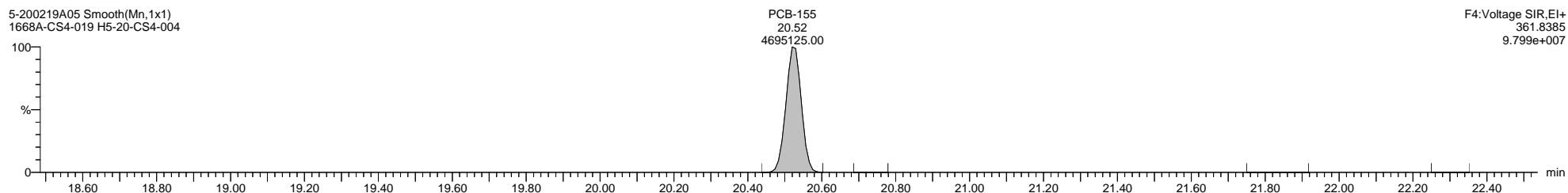
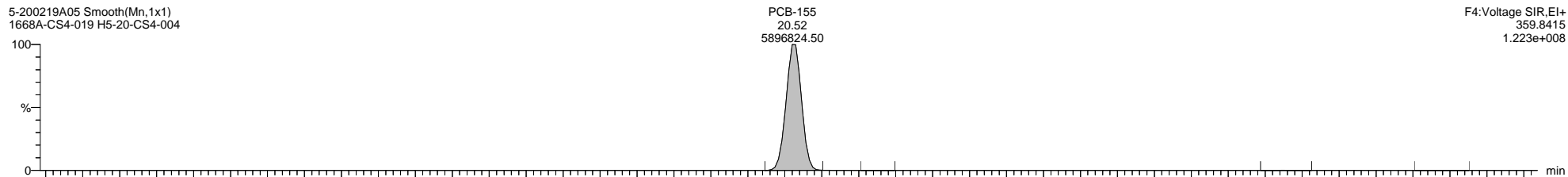


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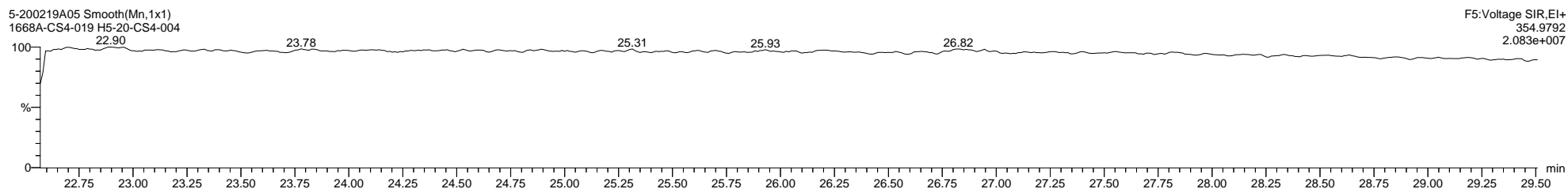
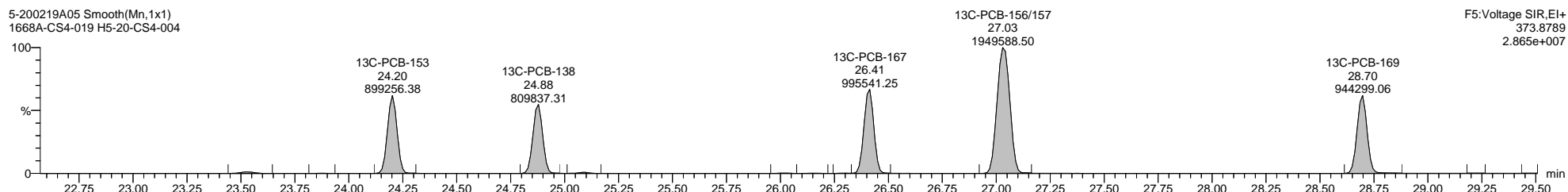
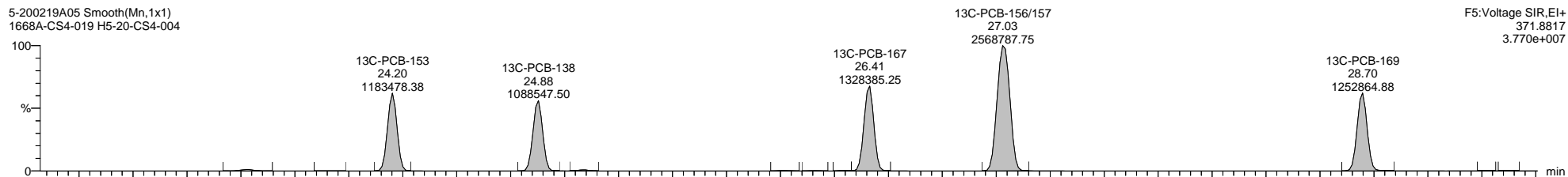
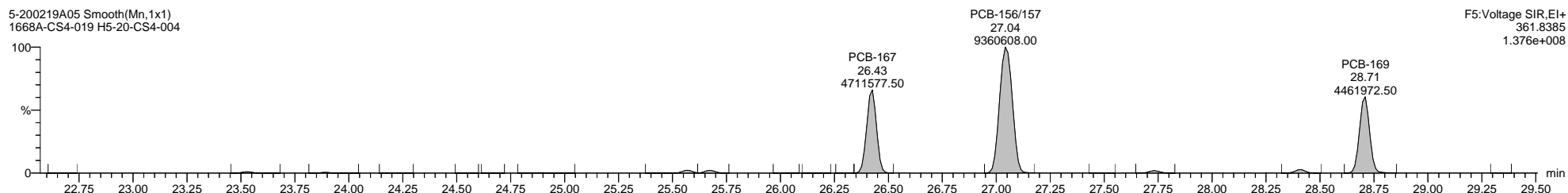
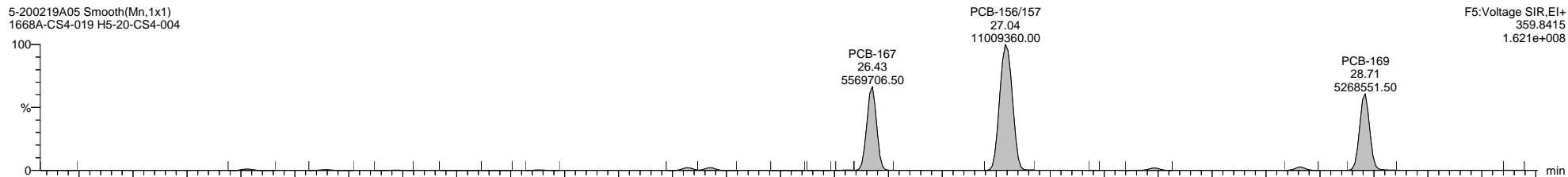


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Quantify Sample Template Report

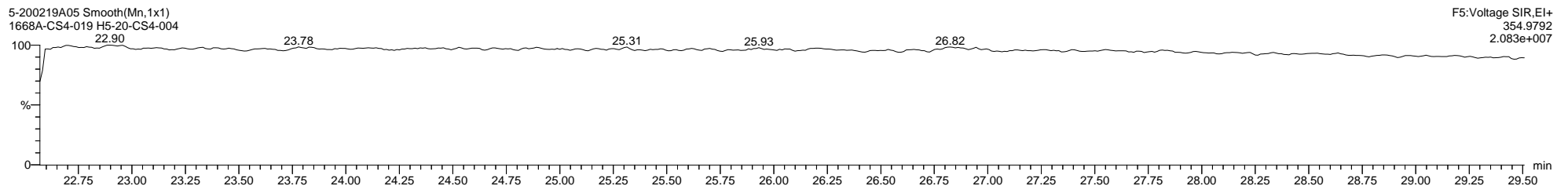
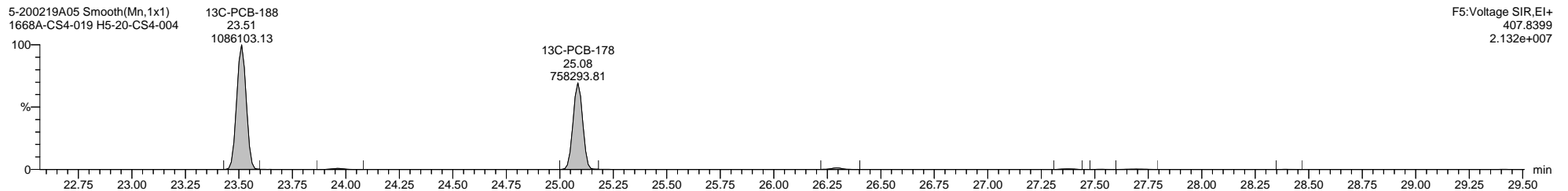
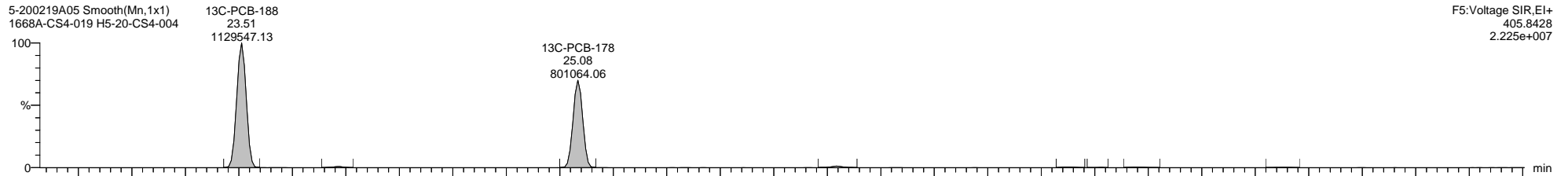
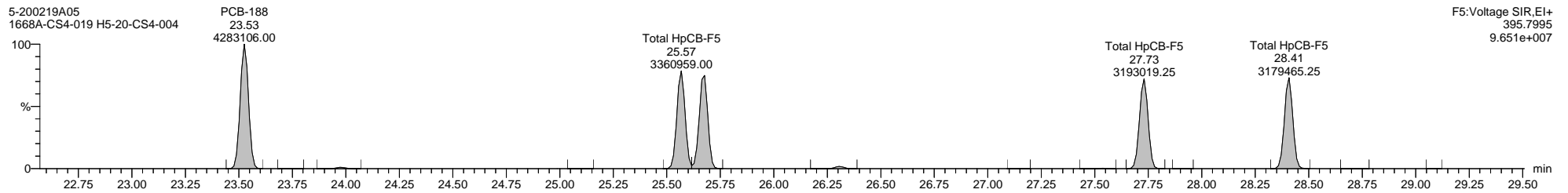
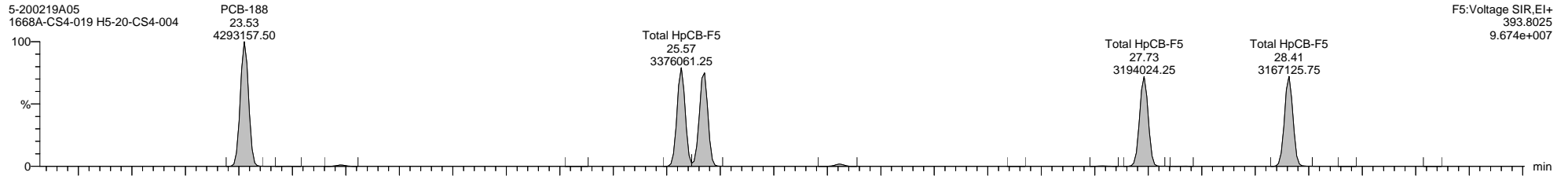
MassLynx MassLynx V4.1 SCN 901

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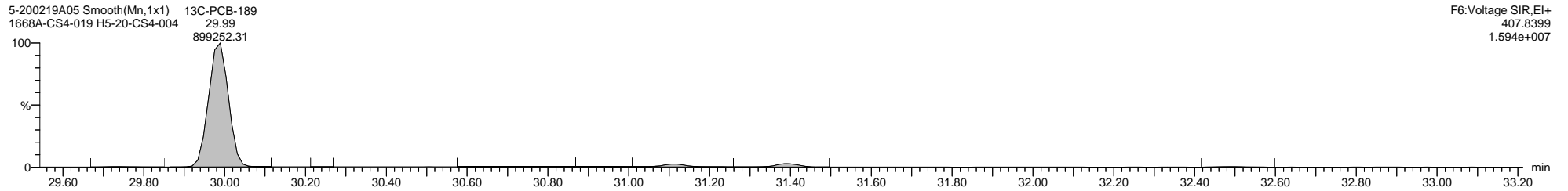
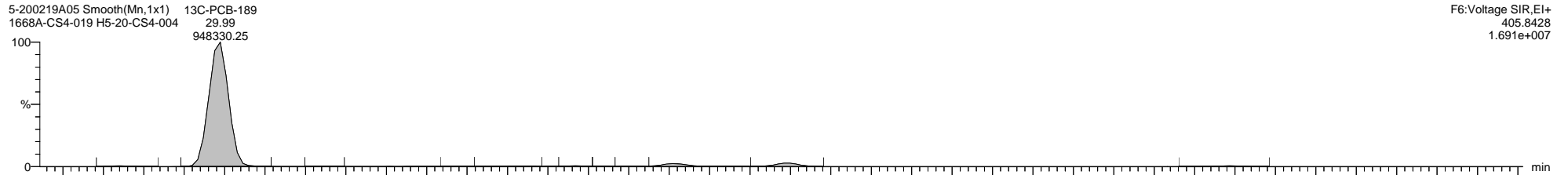
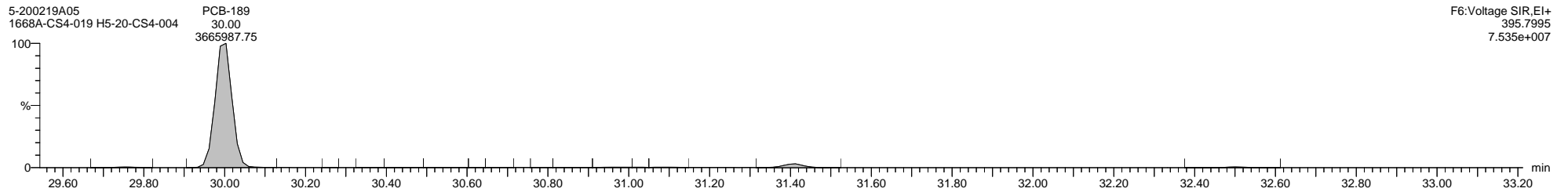
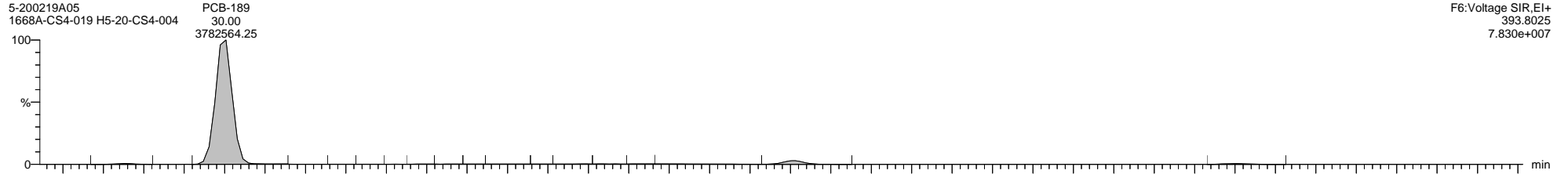


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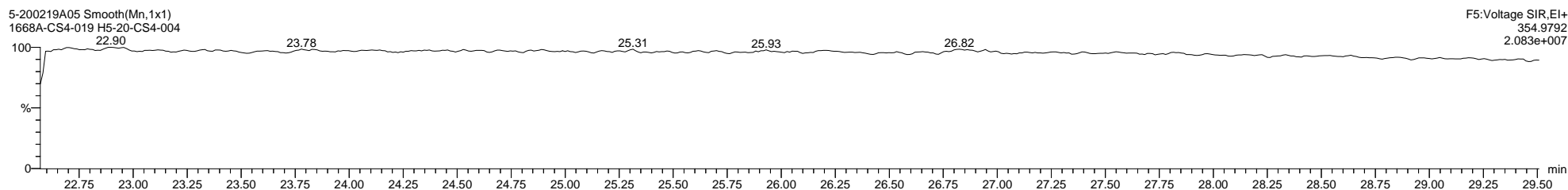
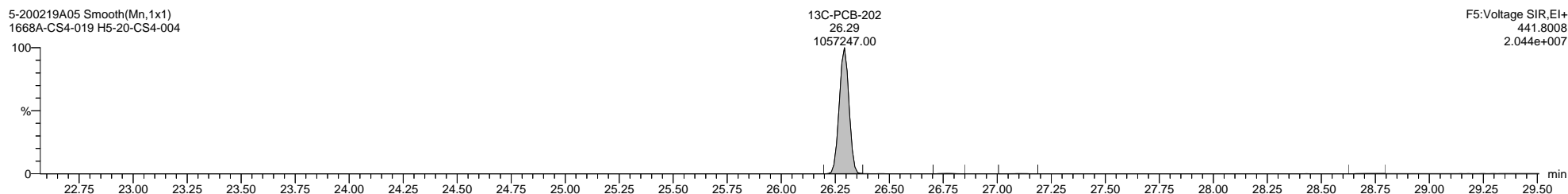
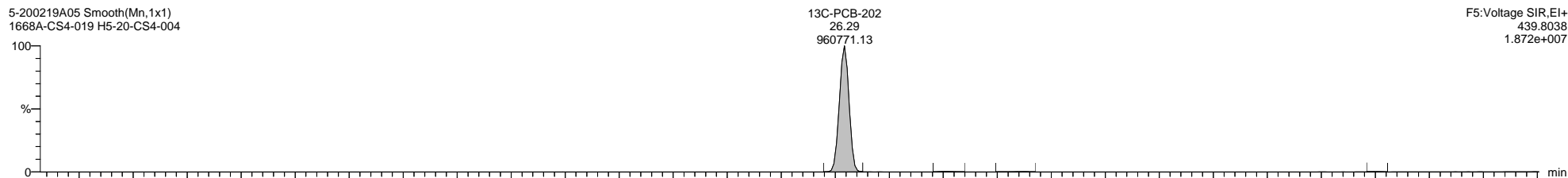
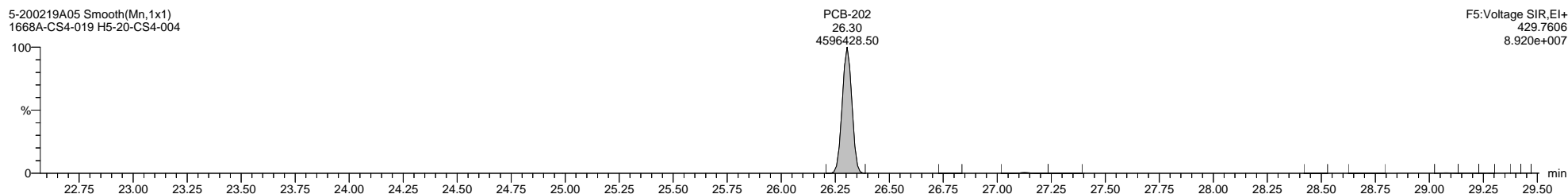
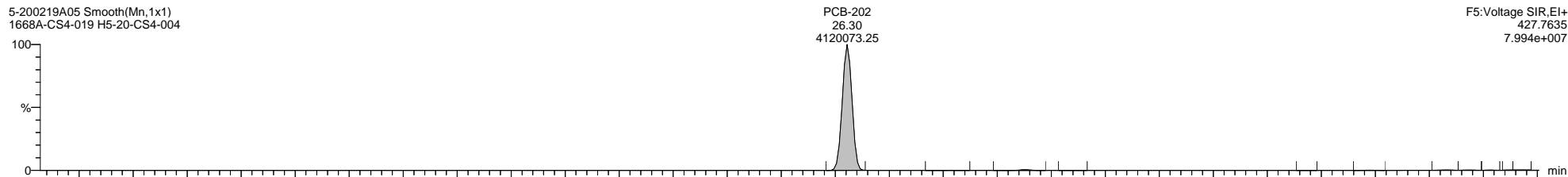


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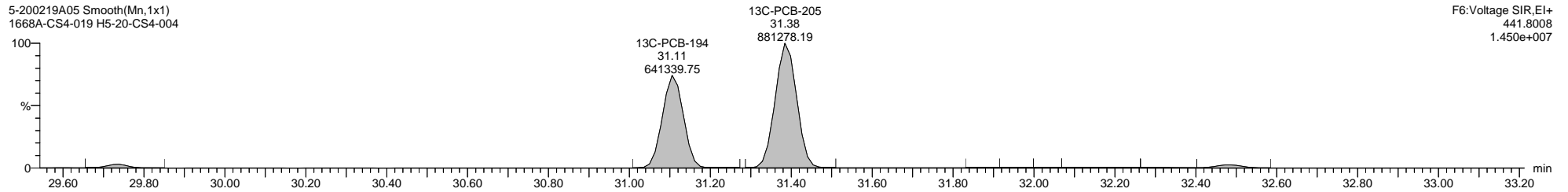
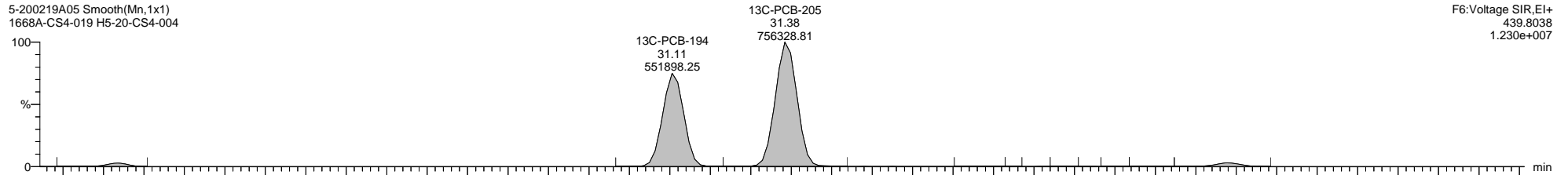
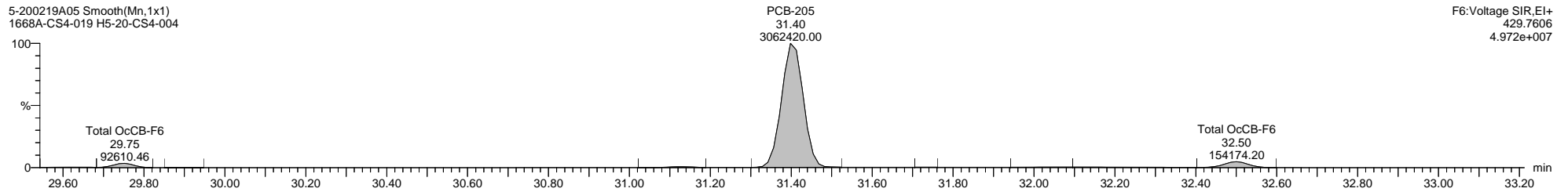
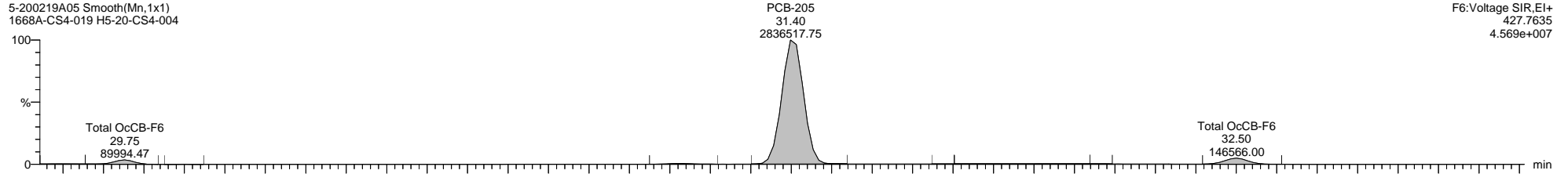


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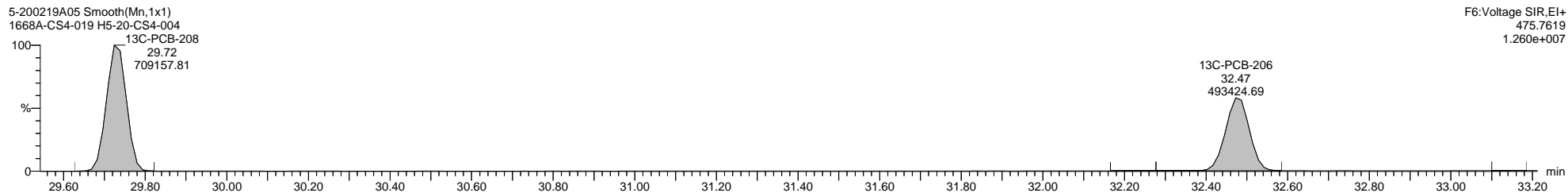
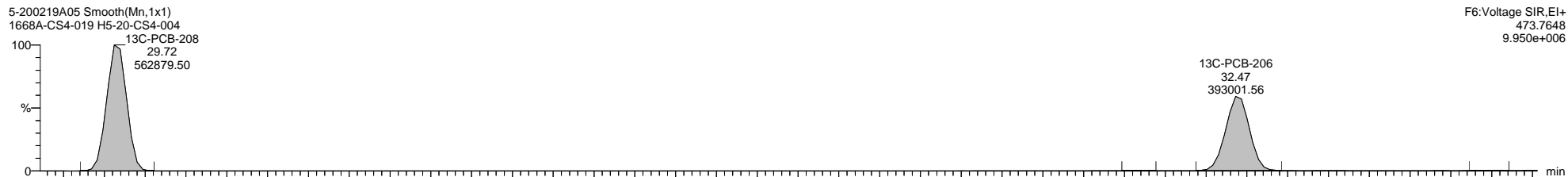
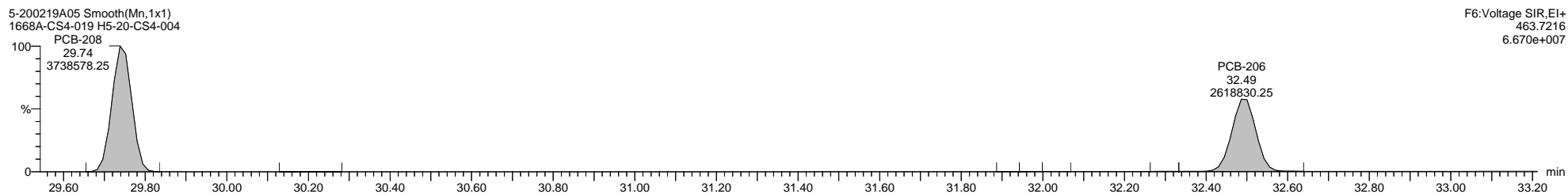
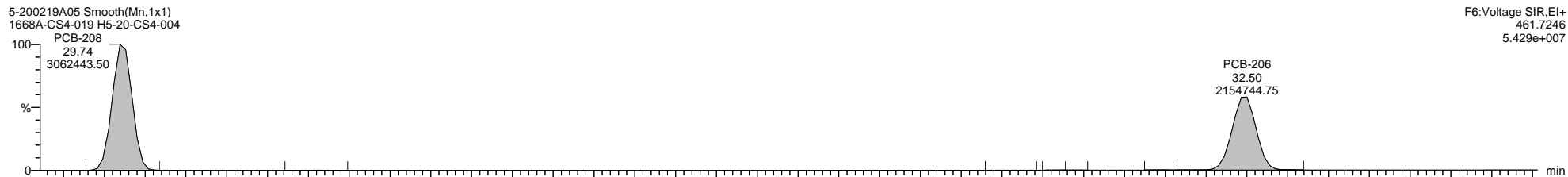


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Last Altered: Thursday, February 20, 2020 11:09:57 Eastern Standard Time

Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

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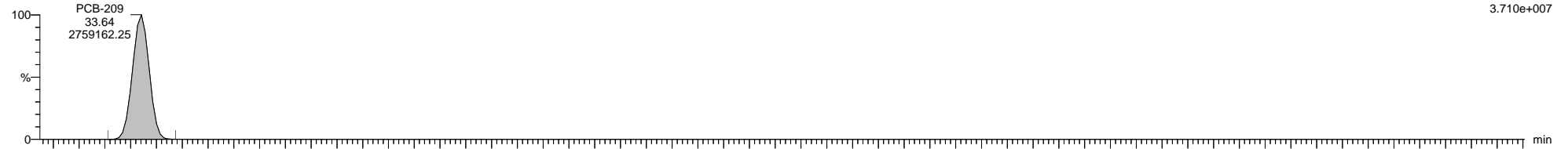
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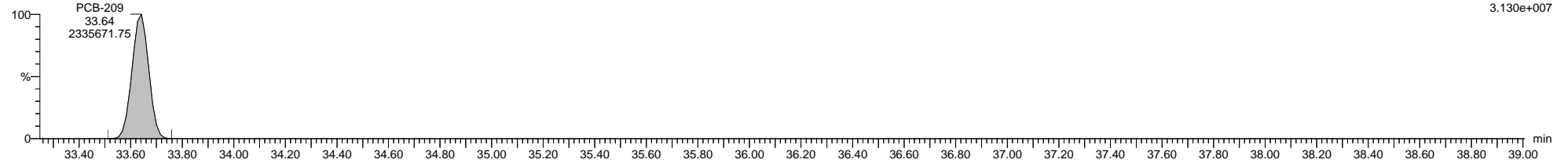
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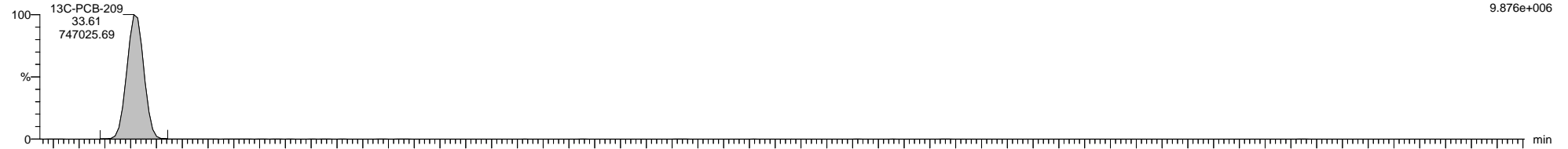
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1668A-CS4-019 H5-20-CS4-004



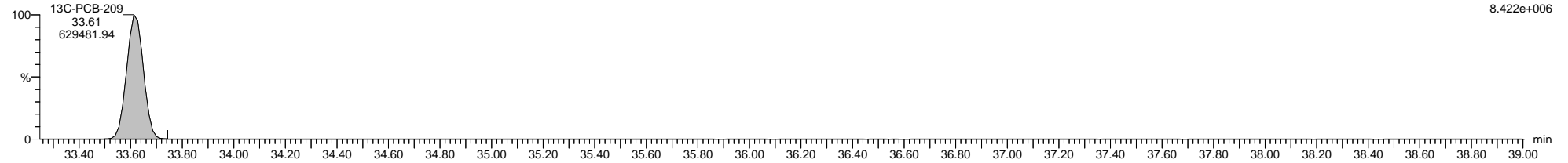
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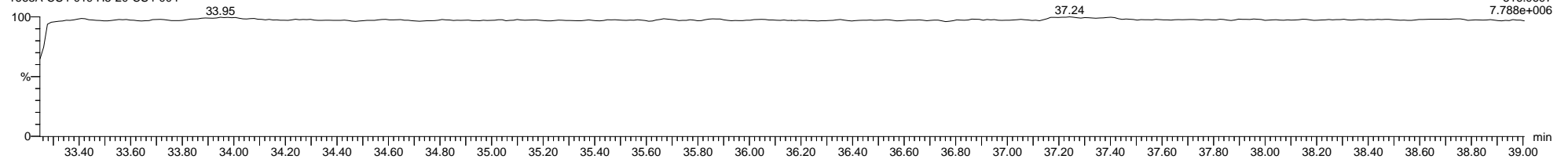
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1668A-CS4-019 H5-20-CS4-004



5-200219A05 Smooth(Mn,1x1)  
1668A-CS4-019 H5-20-CS4-004



5-200219A05 Smooth(Mn,1x1)  
1668A-CS4-019 H5-20-CS4-004



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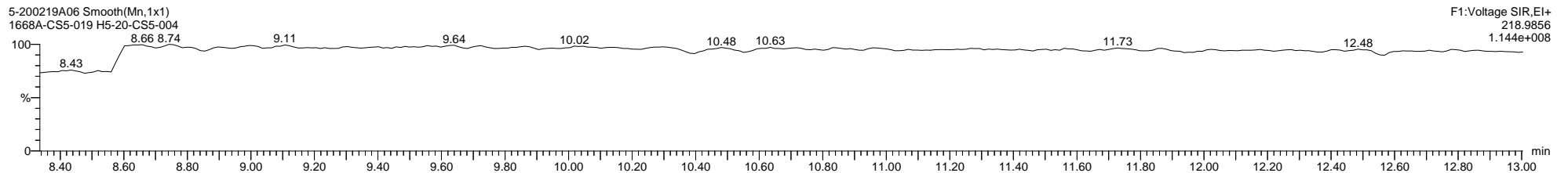
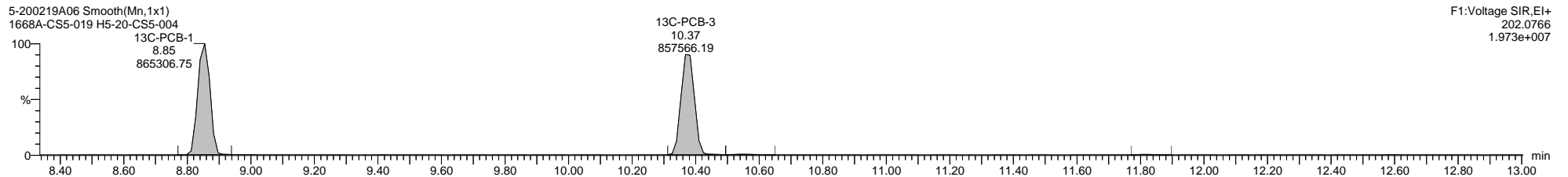
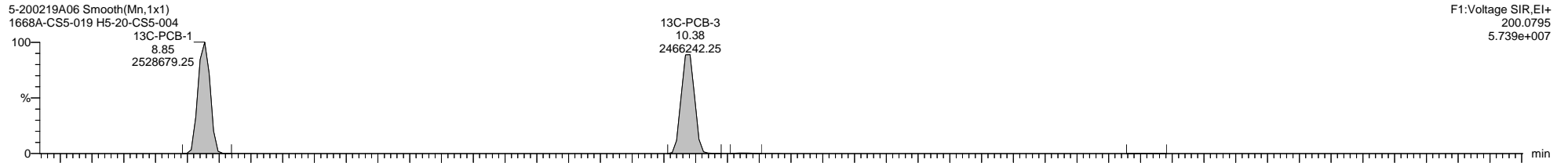
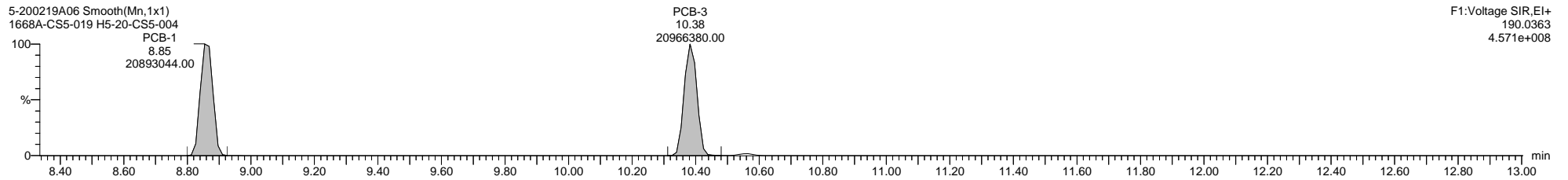
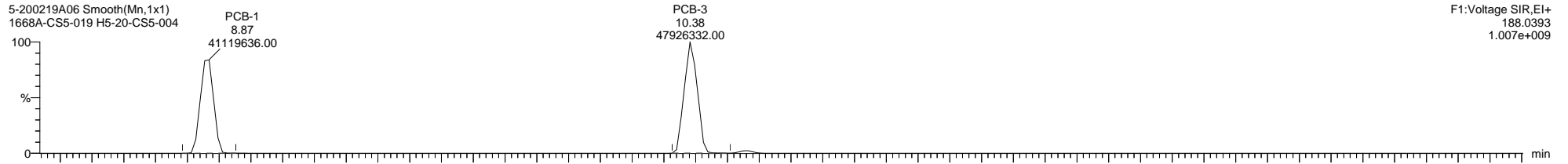
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Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

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Calibration: C:\MassLynx\PCB.PRO\CurveDB\5-200219A-ICAL.cdb 20 Feb 2020 11:09:57

Name: 5-200219A06, Date: 19-Feb-2020, Time: 17:39:45, ID: H5-20-CS5-004, Description: 1668A-CS5-019, Vial: Tray1:44

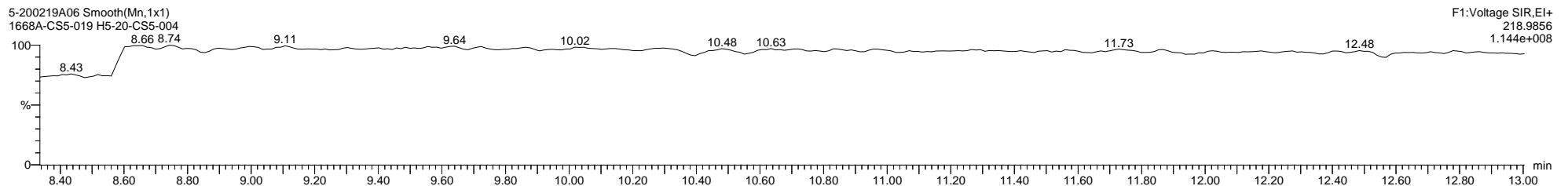
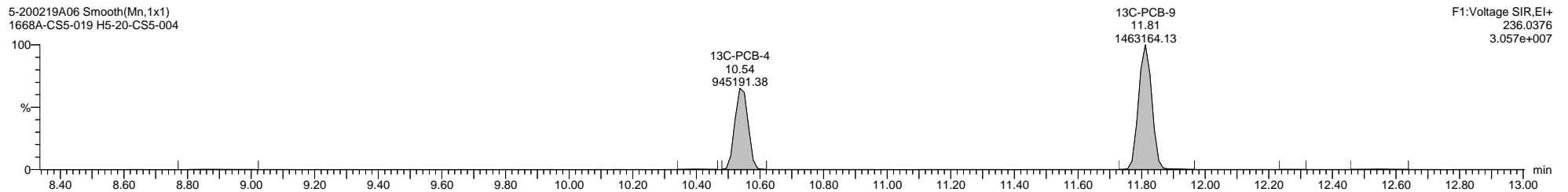
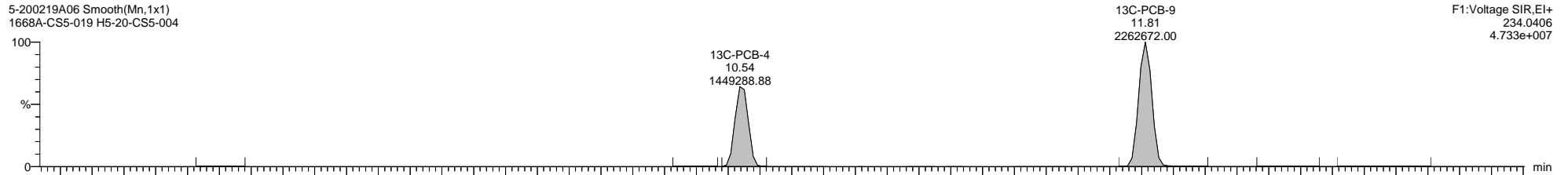
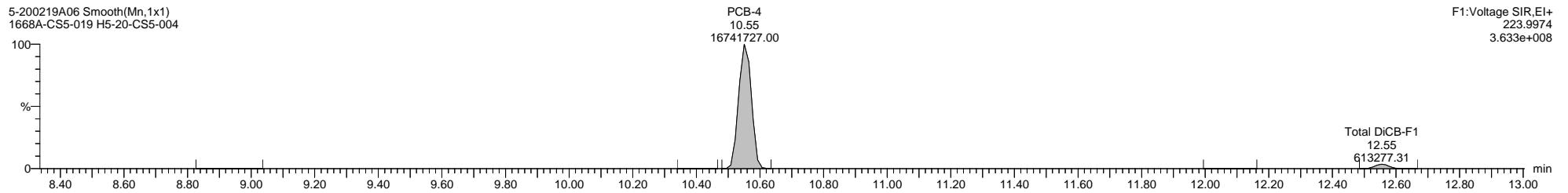
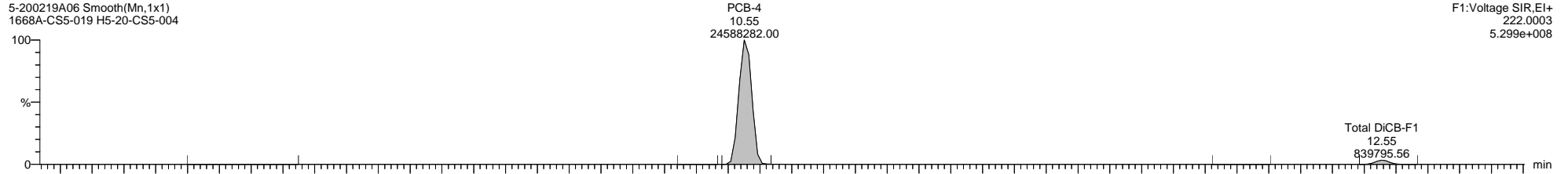


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Name: 5-200219A06, Date: 19-Feb-2020, Time: 17:39:45, ID: H5-20-CS5-004, Description: 1668A-CS5-019, Vial: Tray1:44

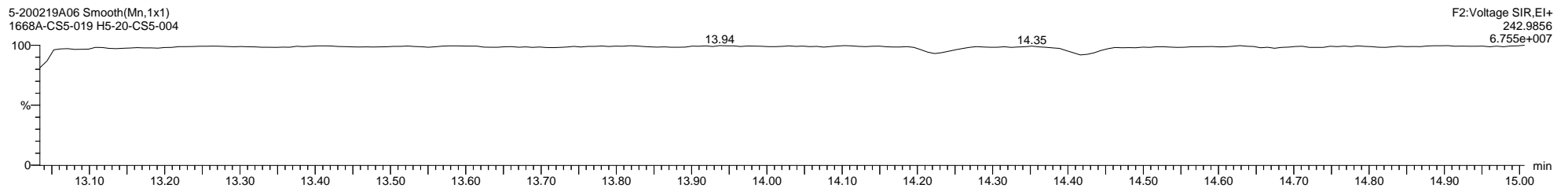
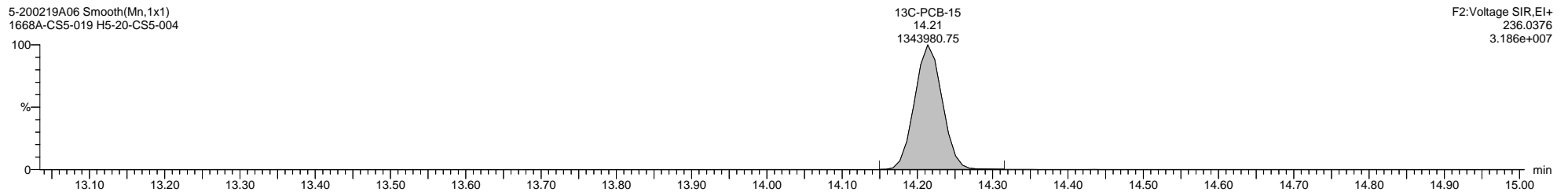
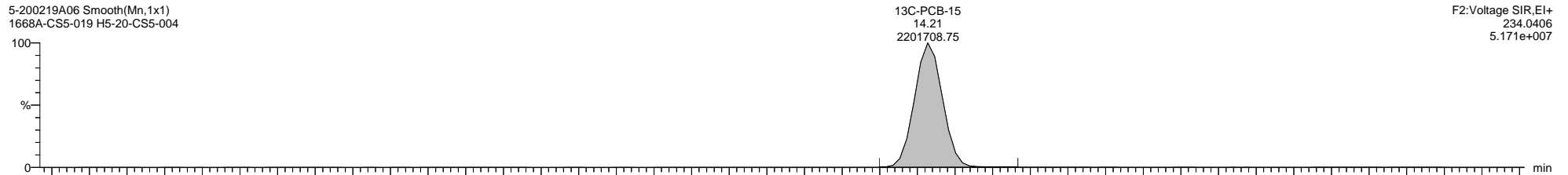
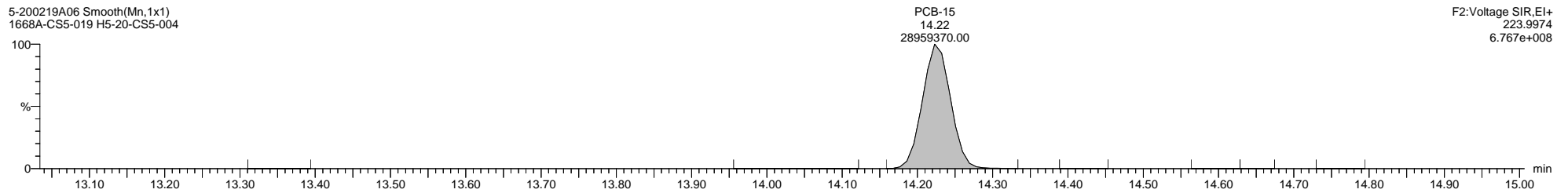
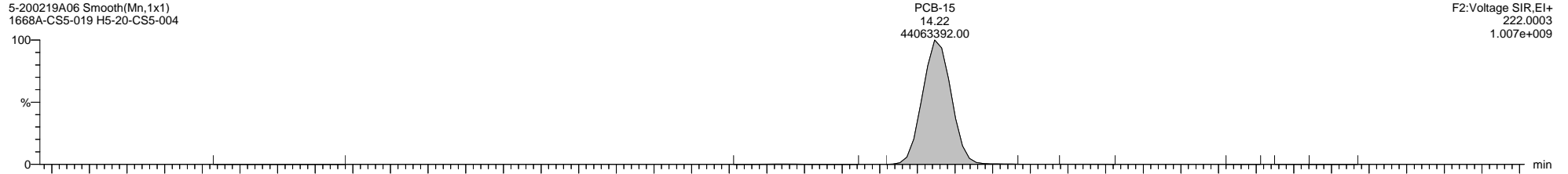


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Name: 5-200219A06, Date: 19-Feb-2020, Time: 17:39:45, ID: H5-20-CS5-004, Description: 1668A-CS5-019, Vial: Tray1:44



Quantify Sample Template Report

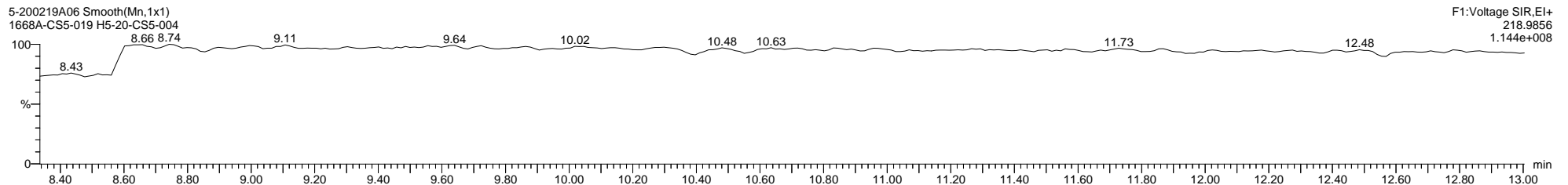
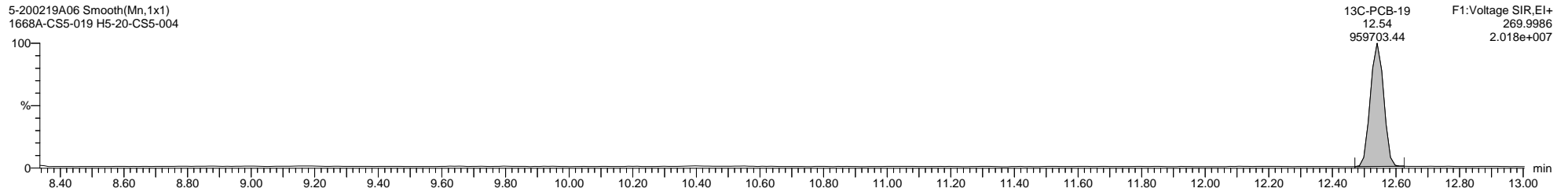
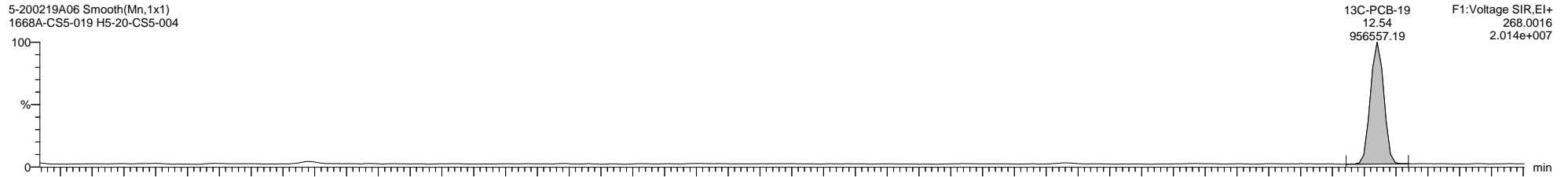
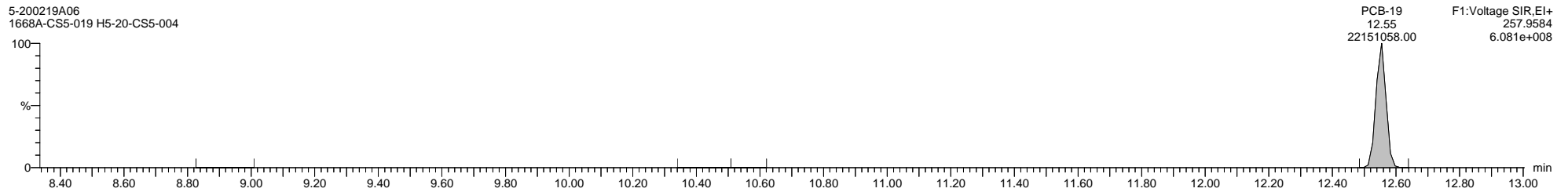
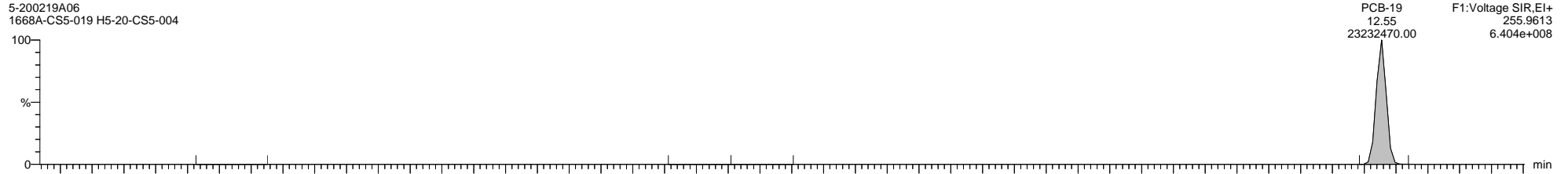
MassLynx MassLynx V4.1 SCN 901

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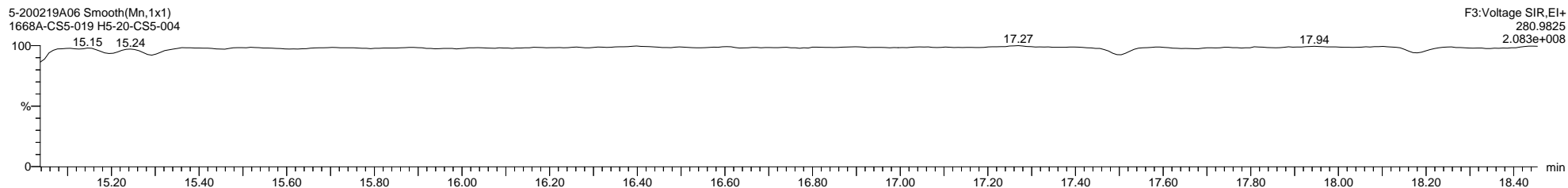
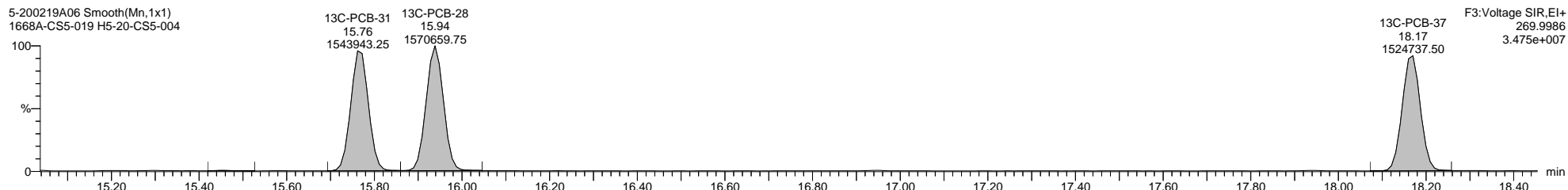
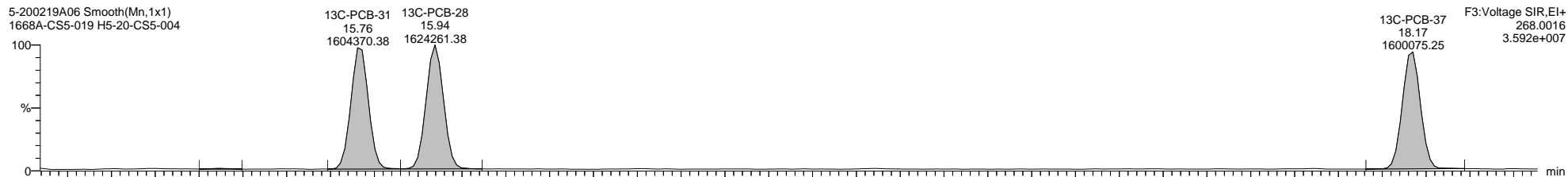
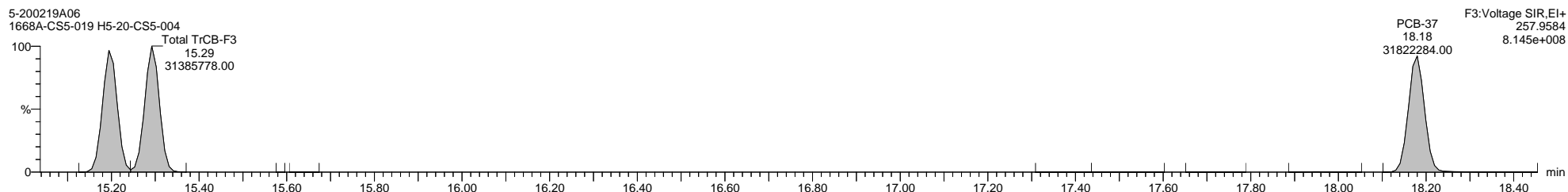
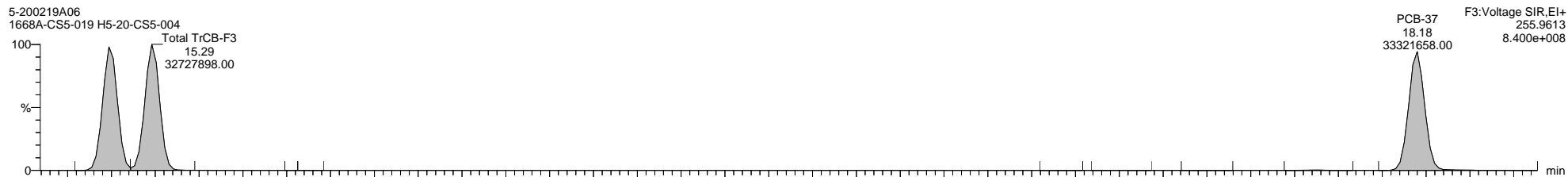


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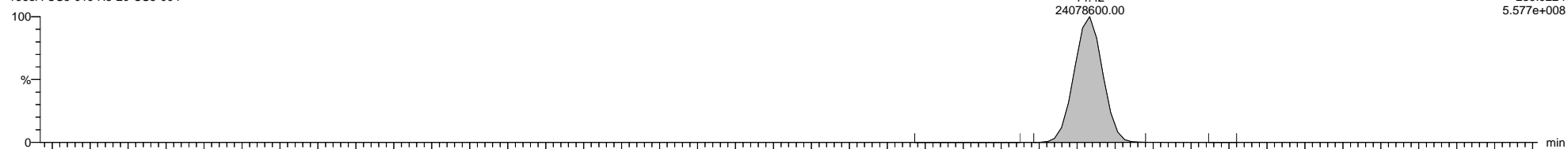
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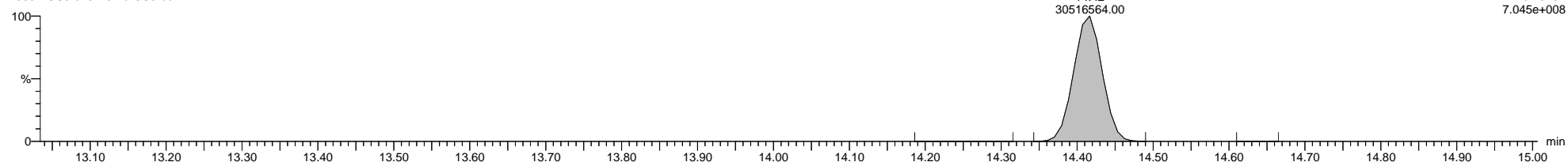
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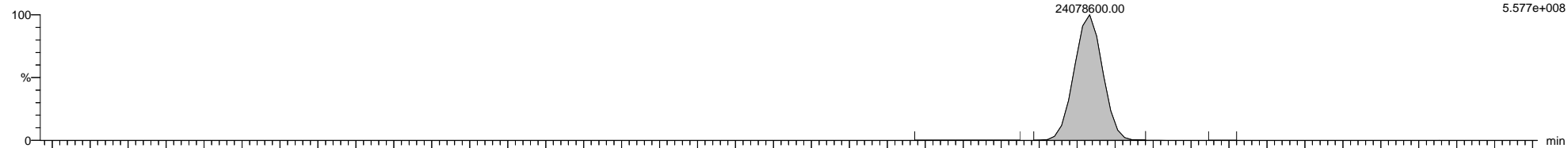
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1668A-CS5-019 H5-20-CS5-004



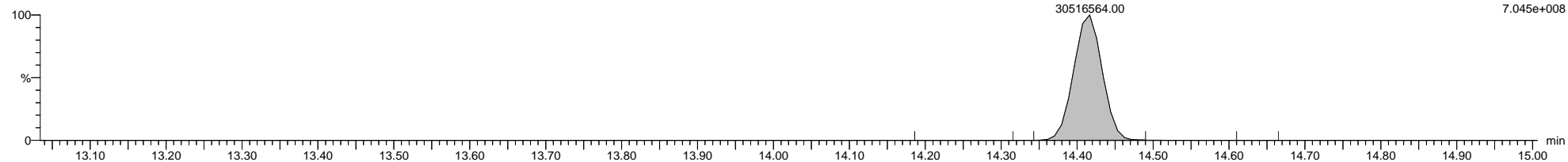
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1668A-CS5-019 H5-20-CS5-004



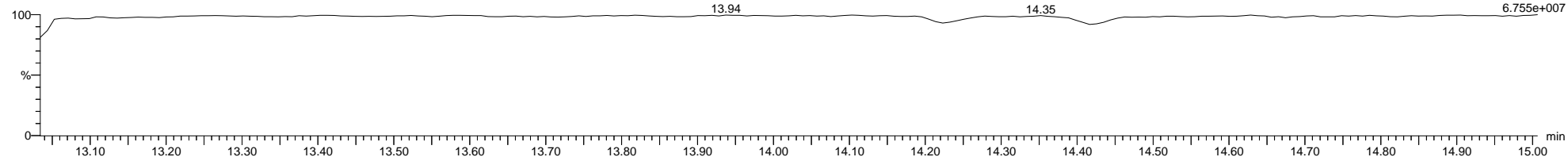
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1668A-CS5-019 H5-20-CS5-004



5-200219A06 Smooth(Mn,1x1)  
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5-200219A06 Smooth(Mn,1x1)  
1668A-CS5-019 H5-20-CS5-004





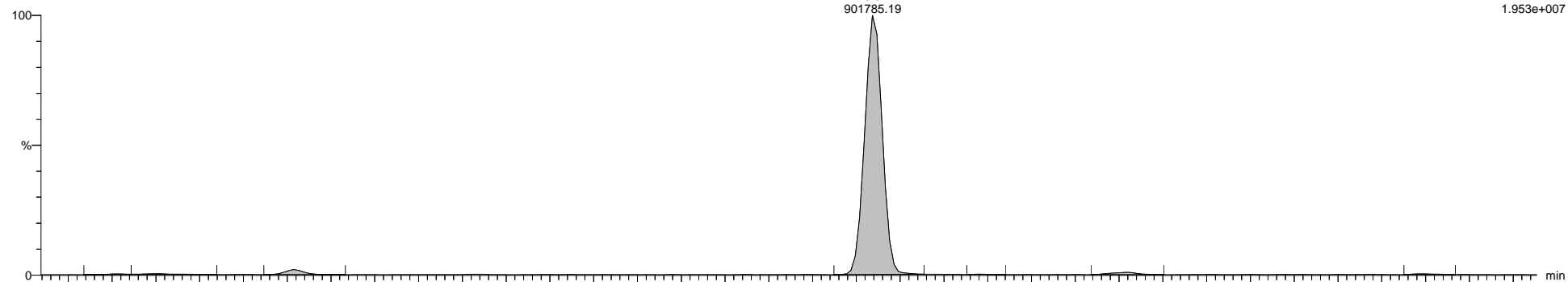
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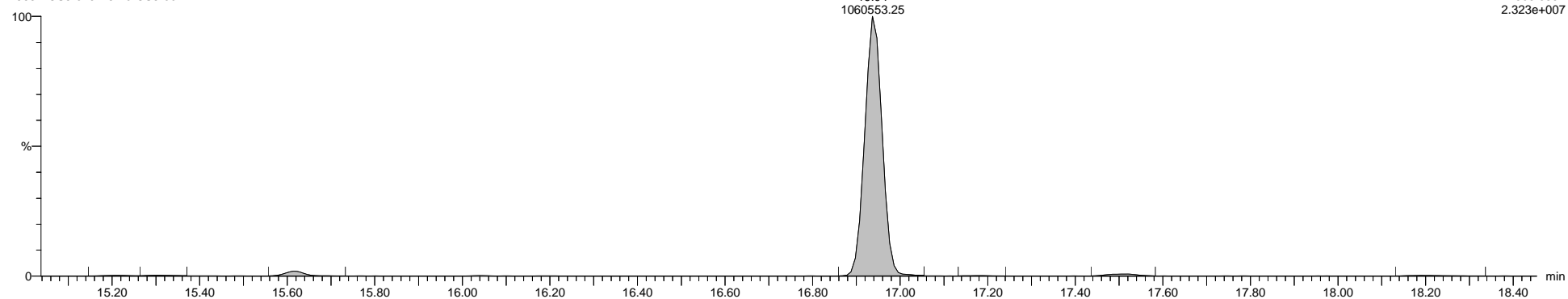
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1668A-CS5-019 H5-20-CS5-004



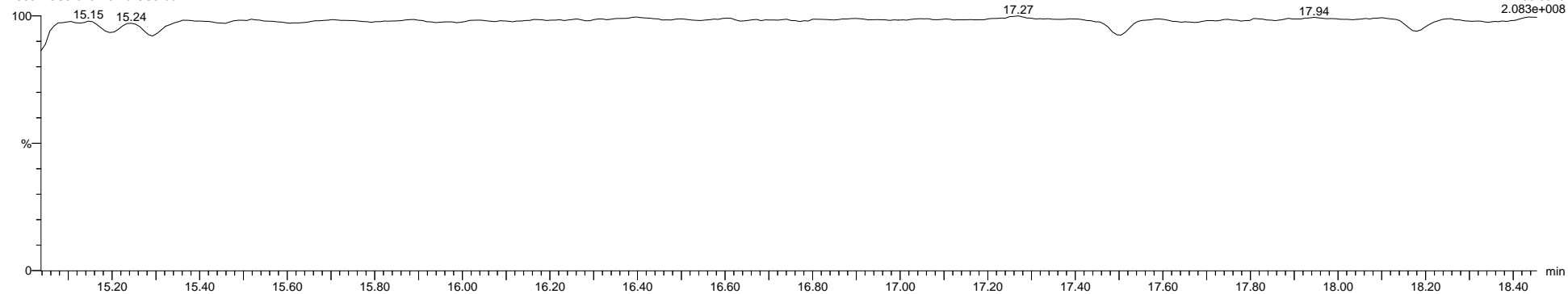
F3:Voltage SIR,El+  
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1.953e+007

5-200219A06 Smooth(Mn,1x1)  
1668A-CS5-019 H5-20-CS5-004



F3:Voltage SIR,El+  
303.9597  
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5-200219A06 Smooth(Mn,1x1)  
1668A-CS5-019 H5-20-CS5-004



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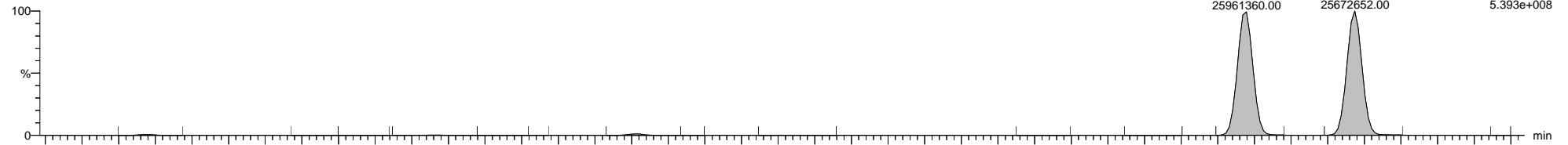
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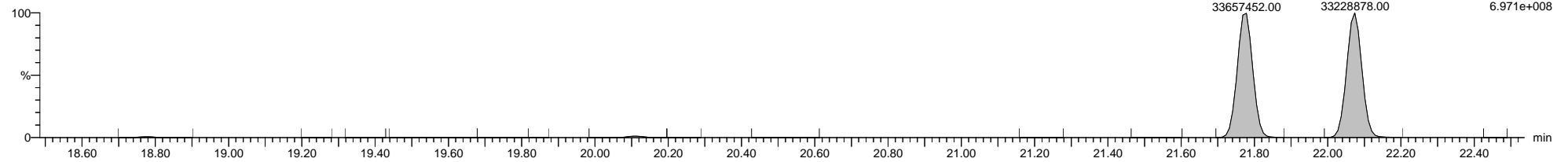
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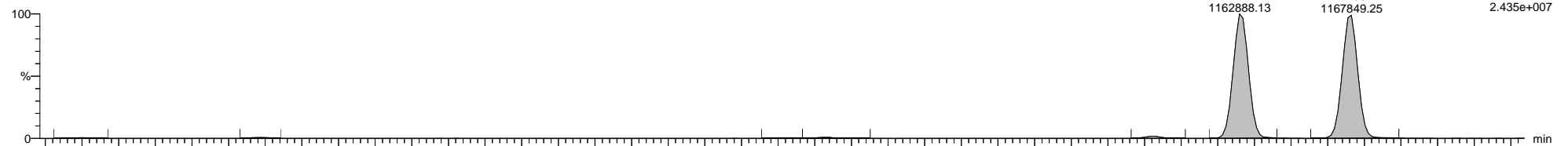
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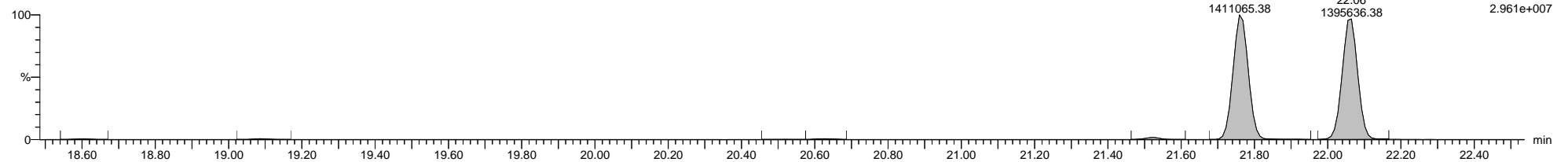
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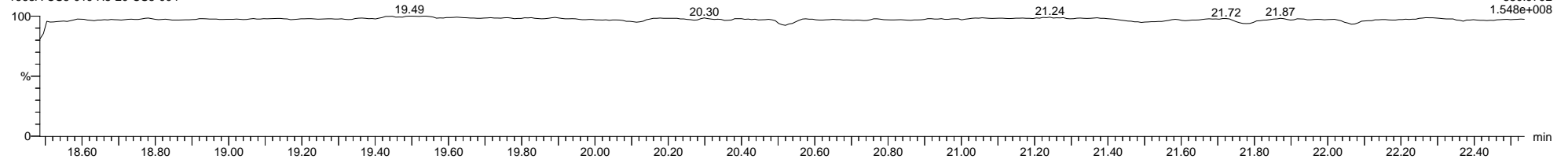
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5-200219A06 Smooth(Mn,1x1)  
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5-200219A06 Smooth(Mn,1x1)  
1668A-CS5-019 H5-20-CS5-004

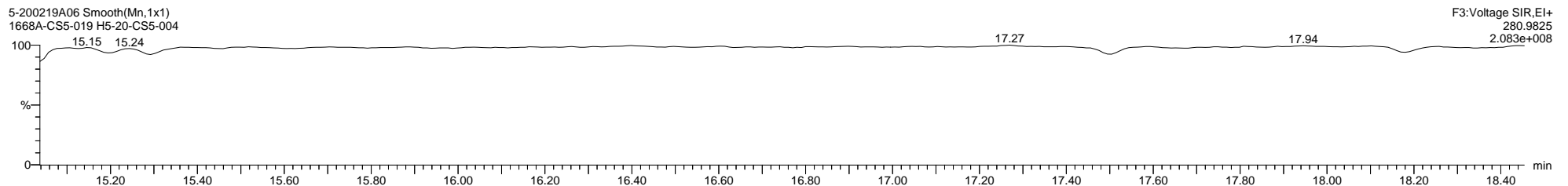
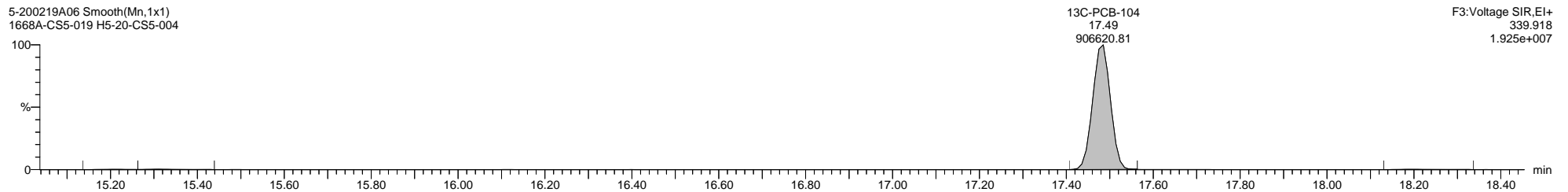
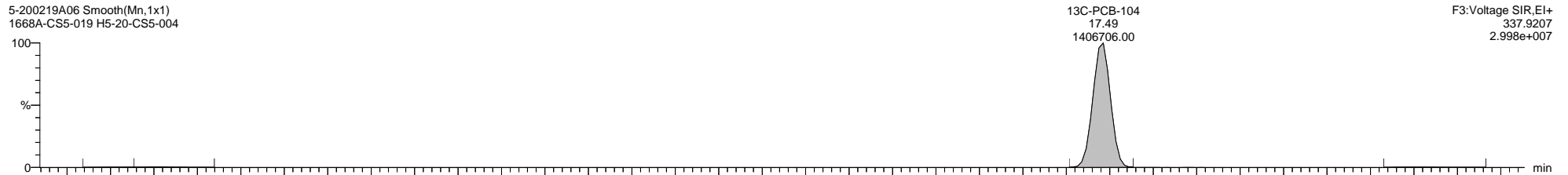
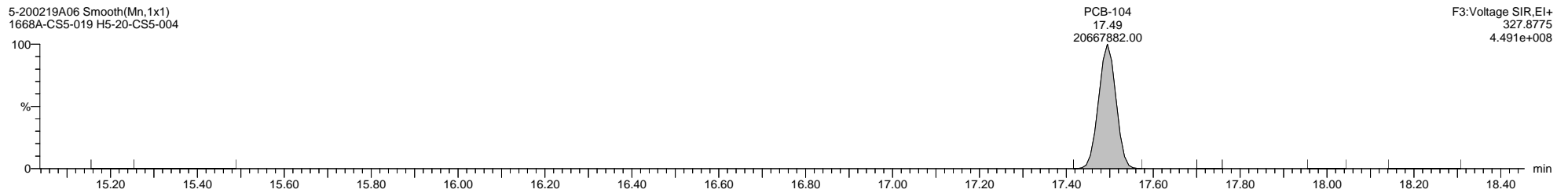
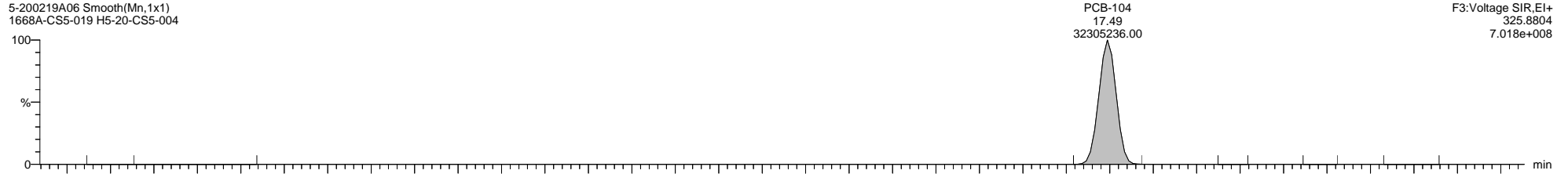


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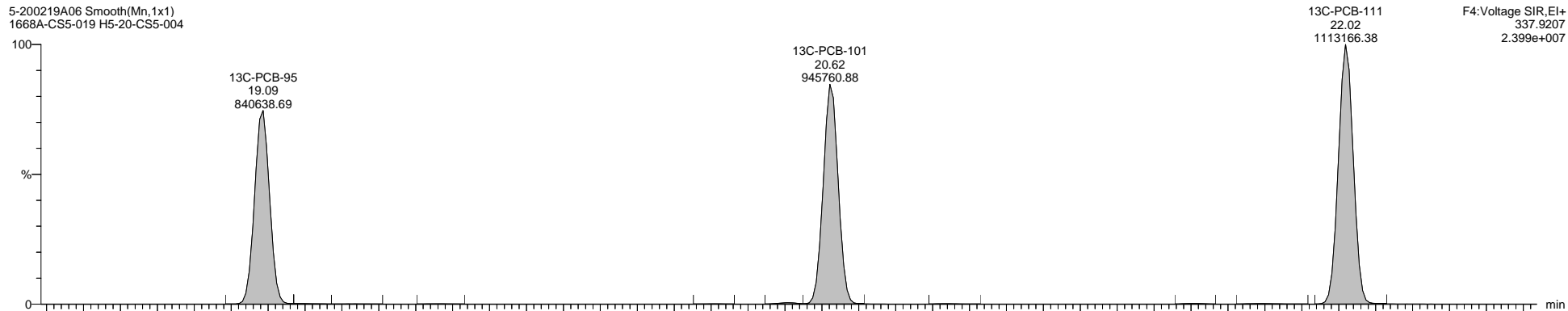
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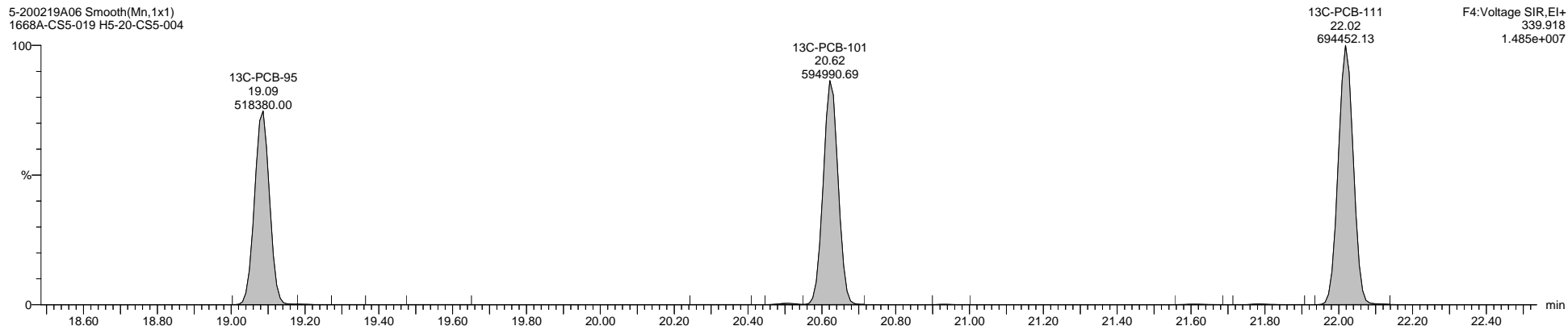
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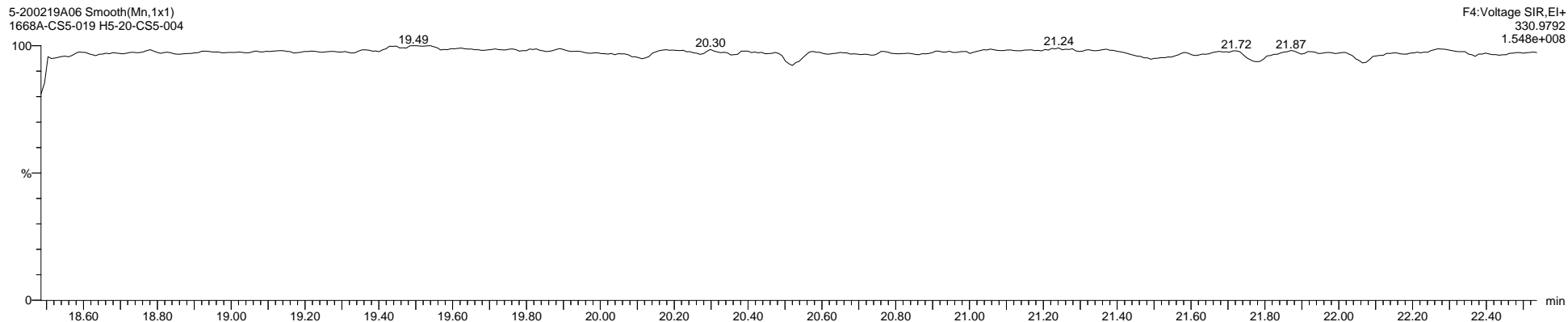
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1668A-CS5-019 H5-20-CS5-004



5-200219A06 Smooth(Mn,1x1)  
1668A-CS5-019 H5-20-CS5-004



5-200219A06 Smooth(Mn,1x1)  
1668A-CS5-019 H5-20-CS5-004

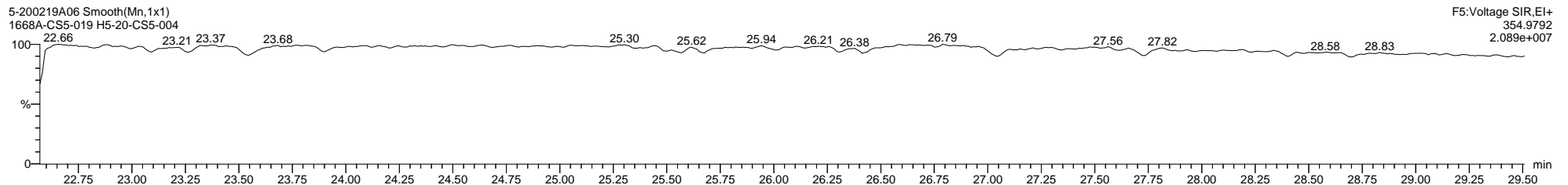
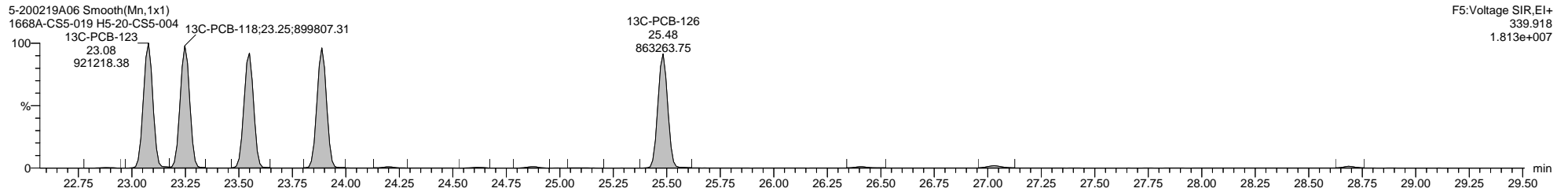
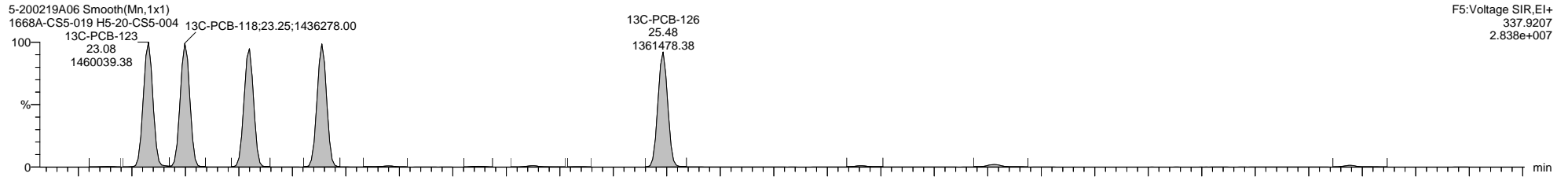
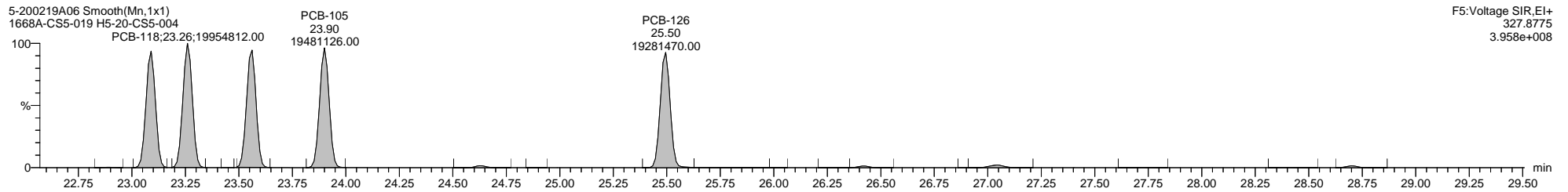
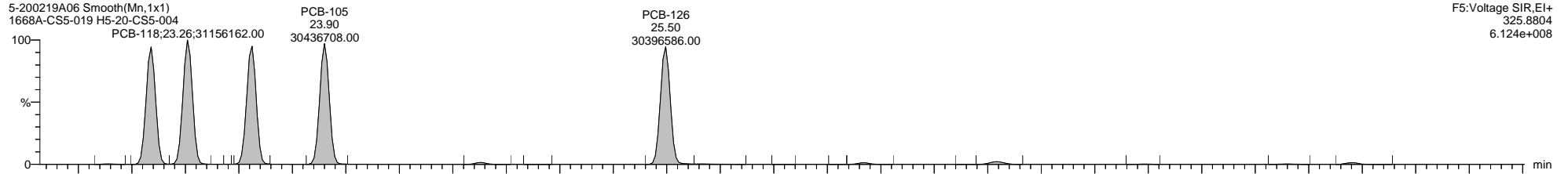


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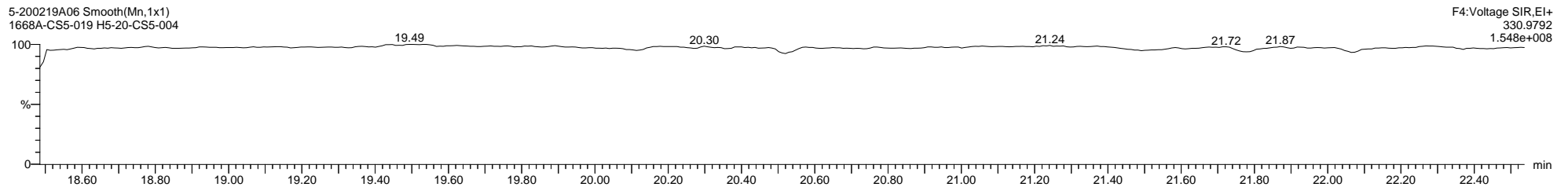
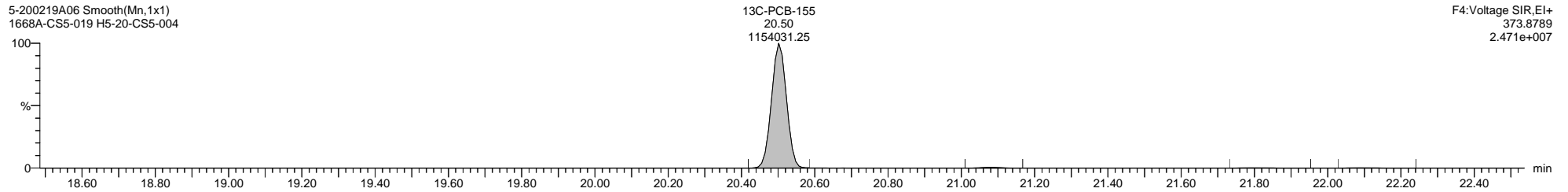
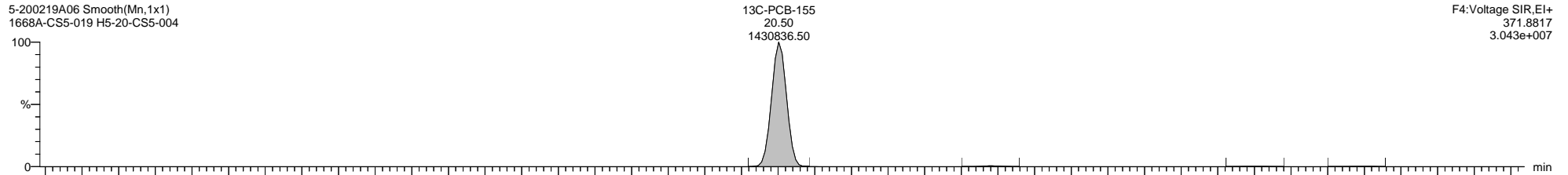
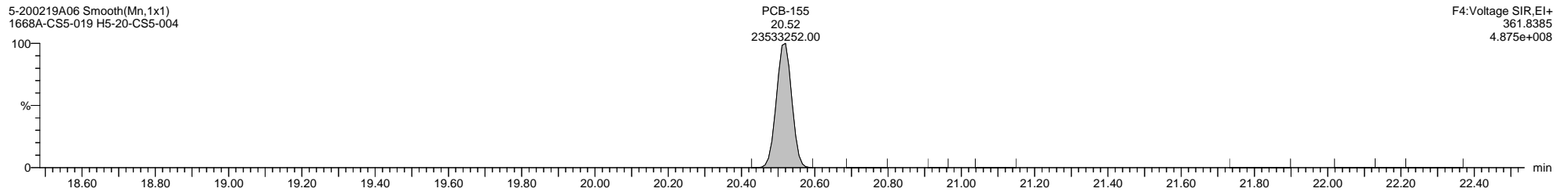
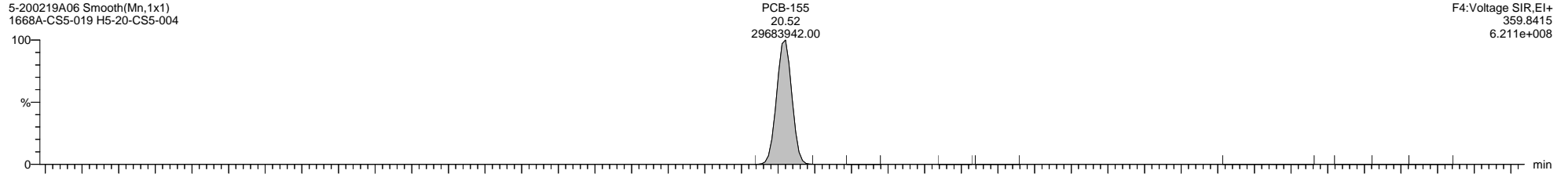


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Name: 5-200219A06, Date: 19-Feb-2020, Time: 17:39:45, ID: H5-20-CS5-004, Description: 1668A-CS5-019, Vial: Tray1:44

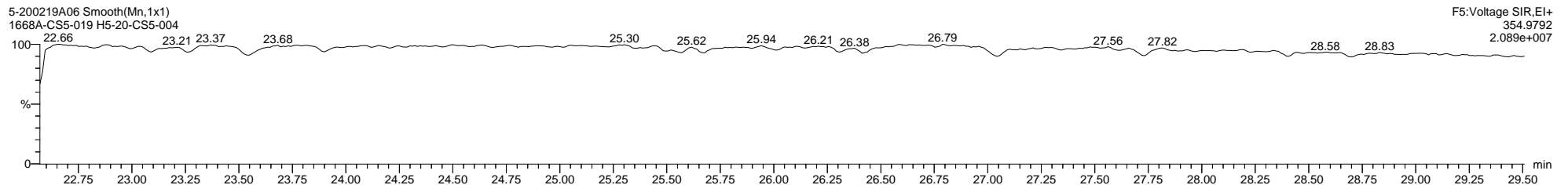
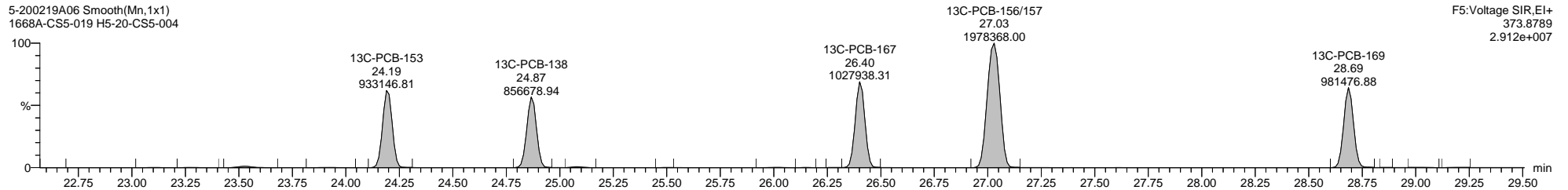
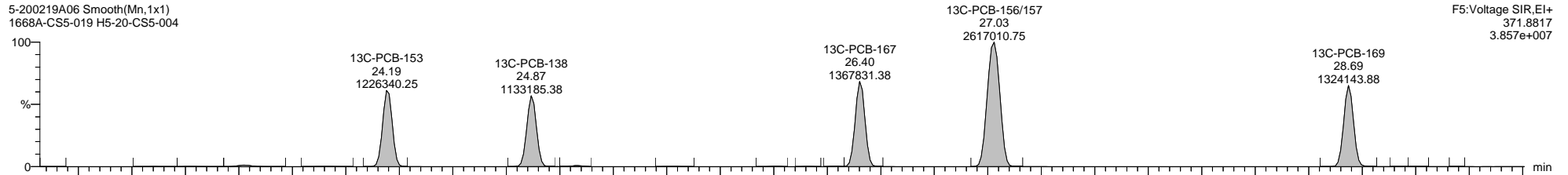
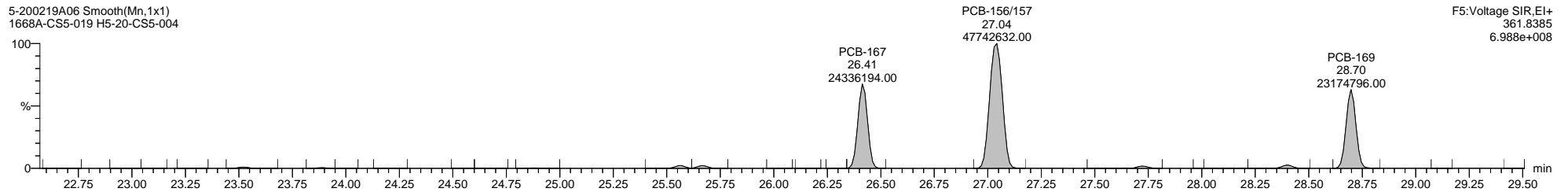
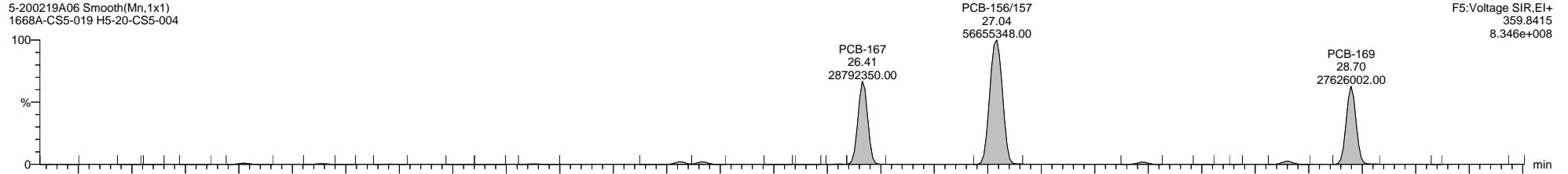


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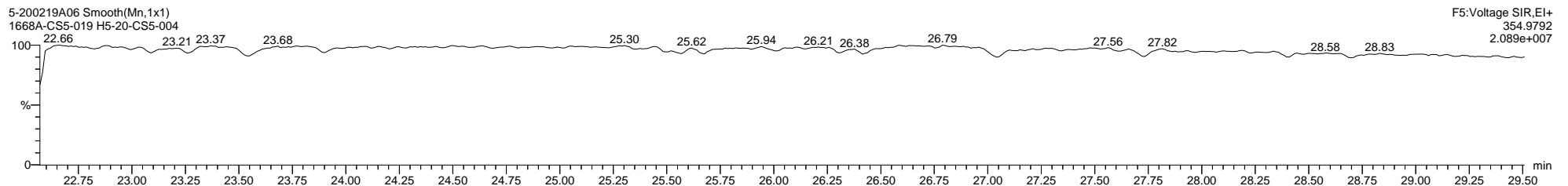
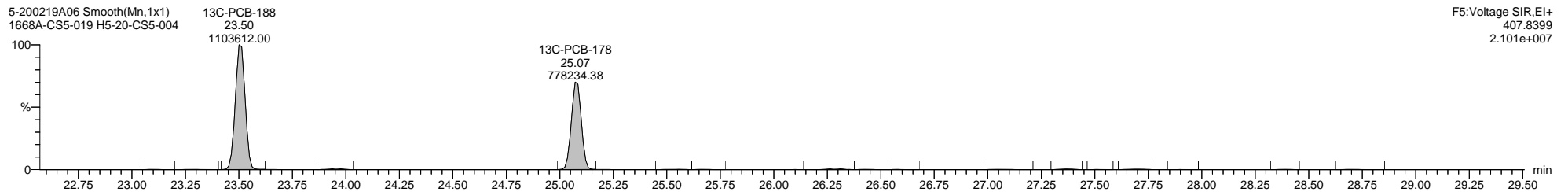
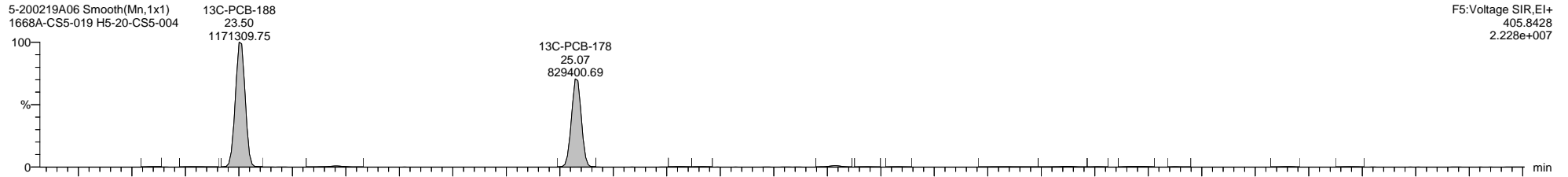
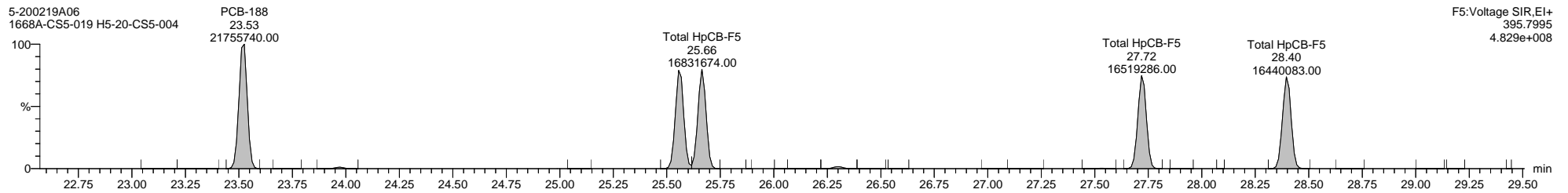
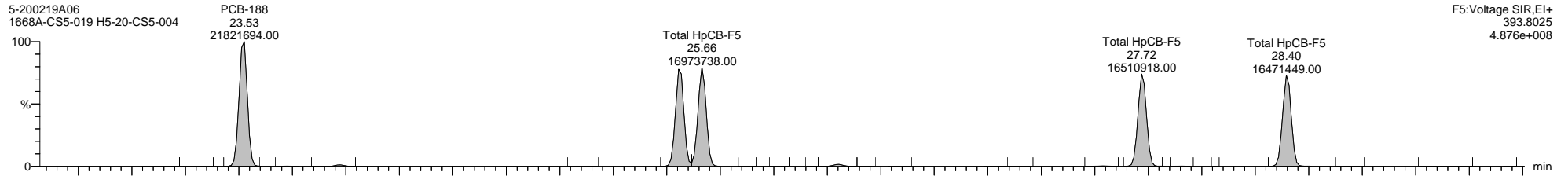


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Name: 5-200219A06, Date: 19-Feb-2020, Time: 17:39:45, ID: H5-20-CS5-004, Description: 1668A-CS5-019, Vial: Tray1:44





Quantify Sample Template Report

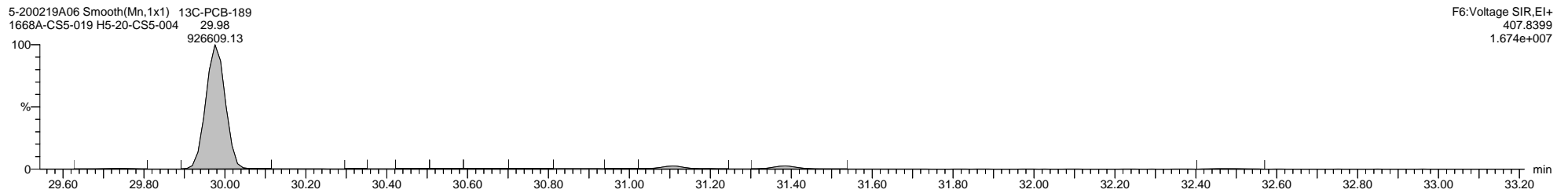
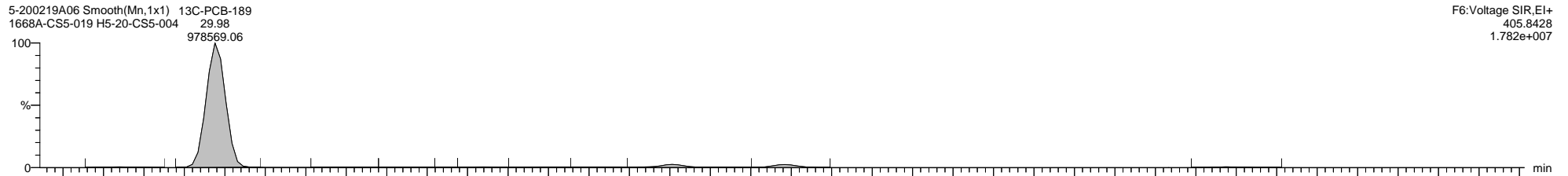
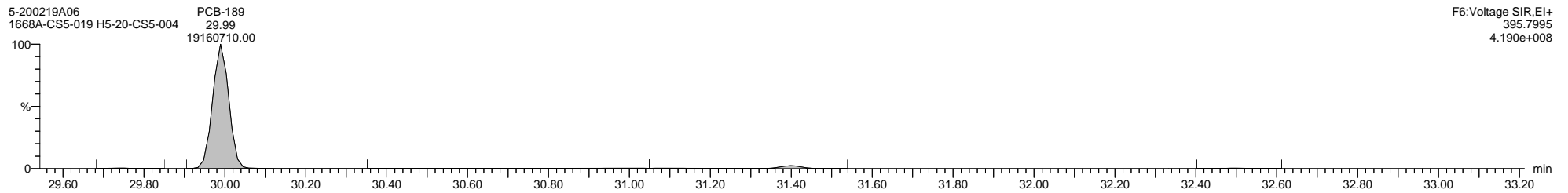
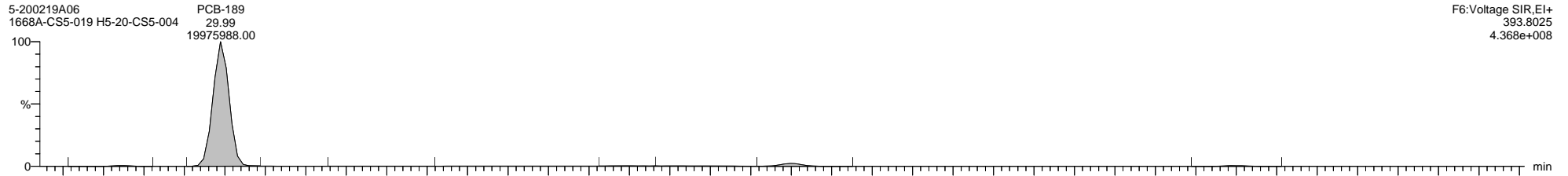
MassLynx MassLynx V4.1 SCN 901

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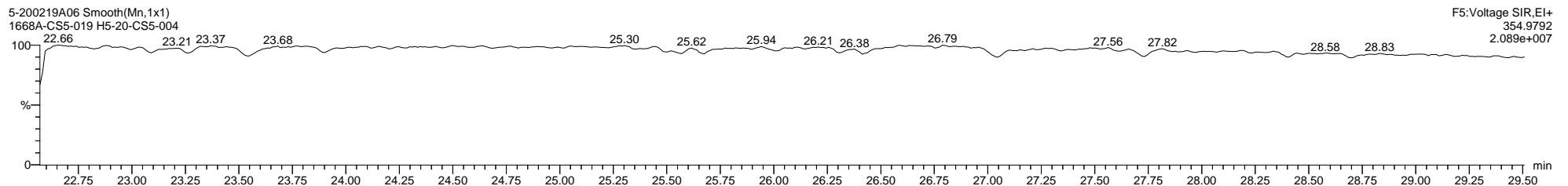
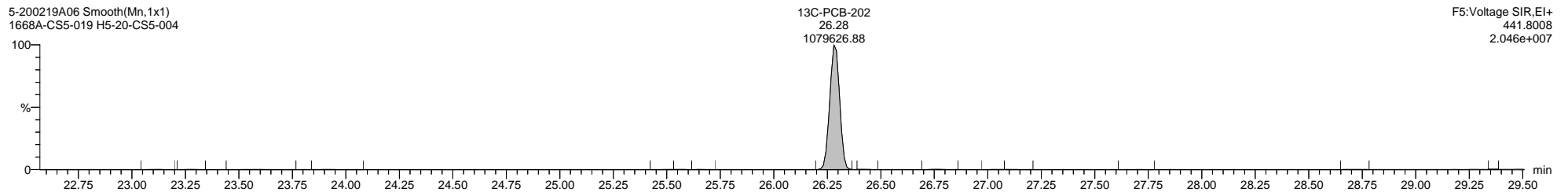
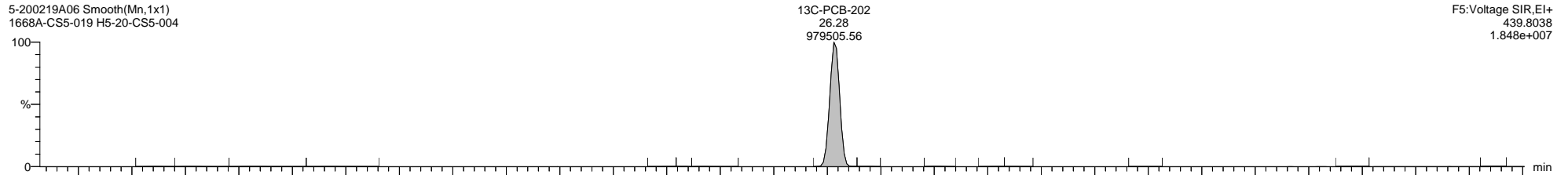
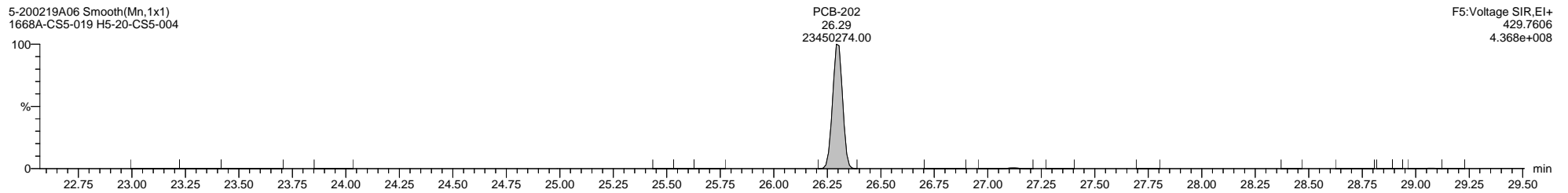
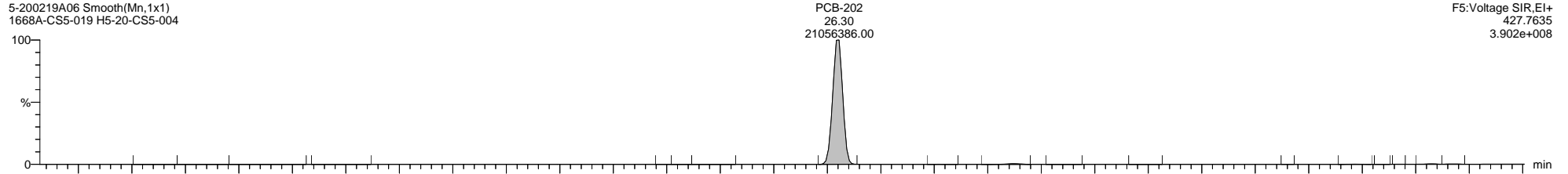
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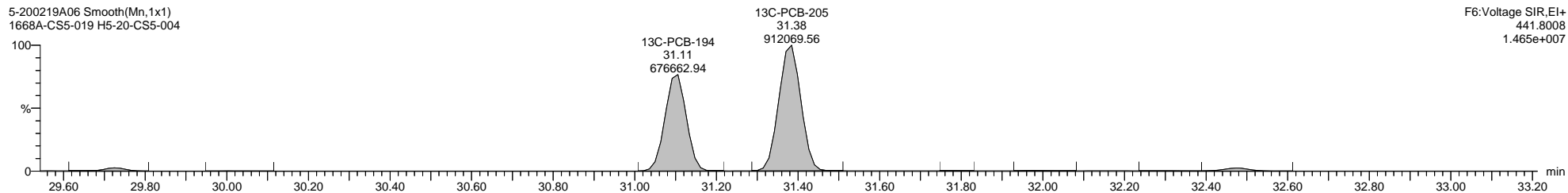
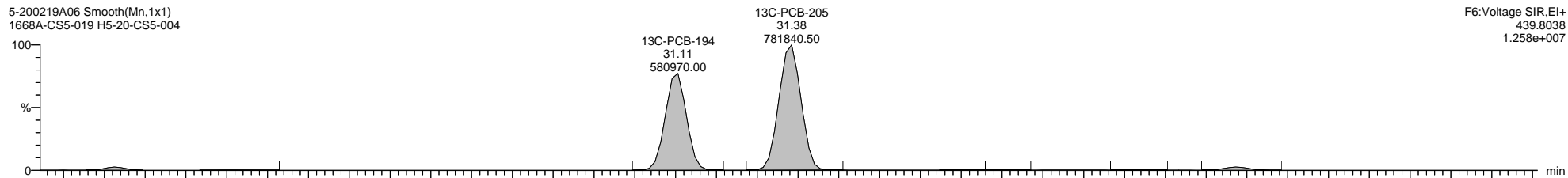
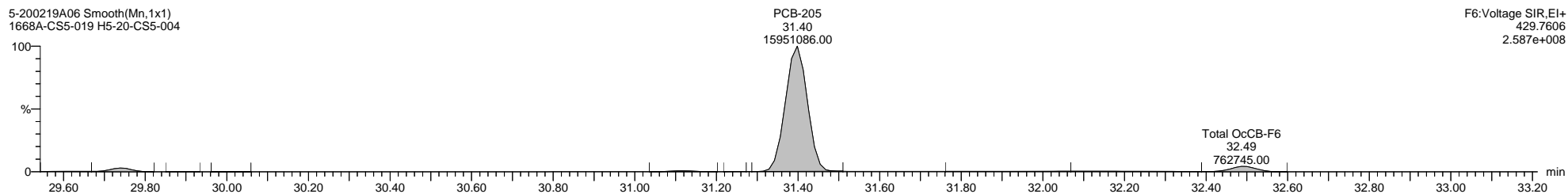
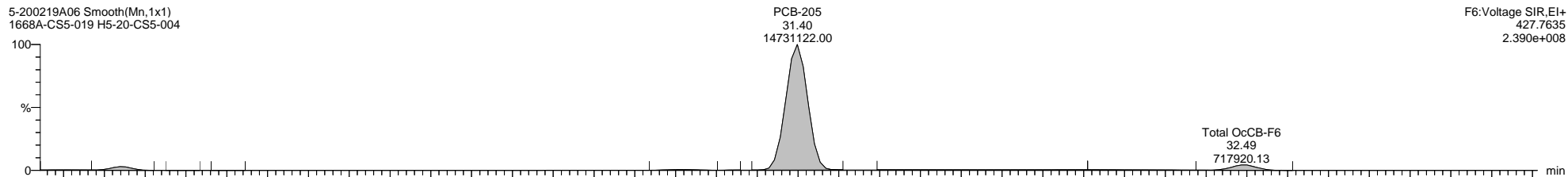


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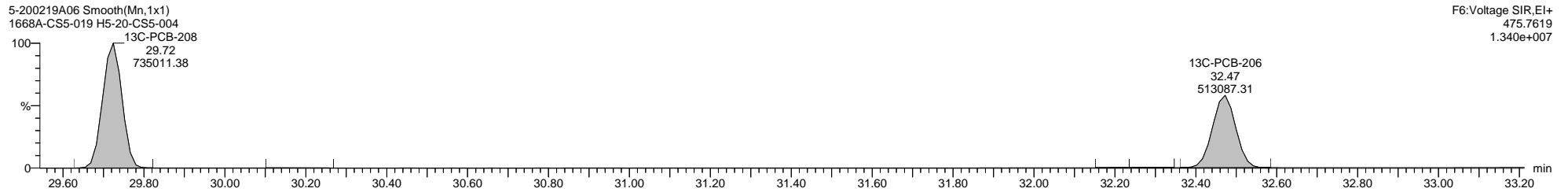
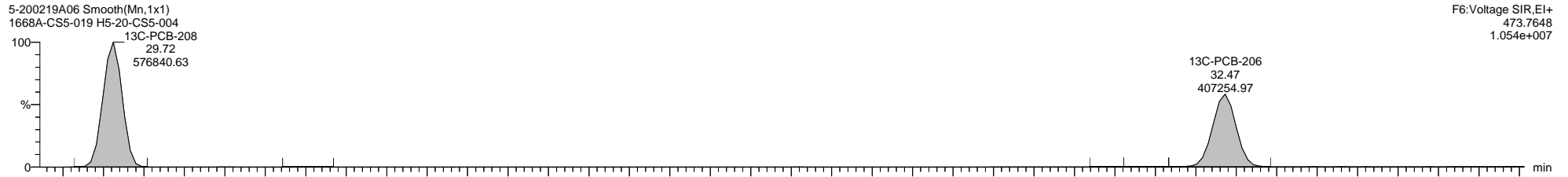
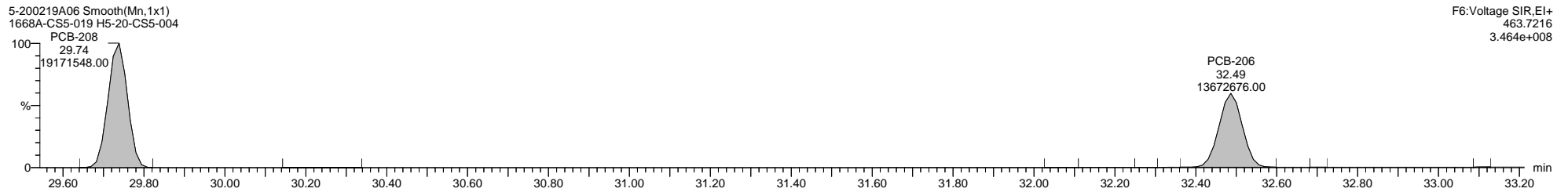
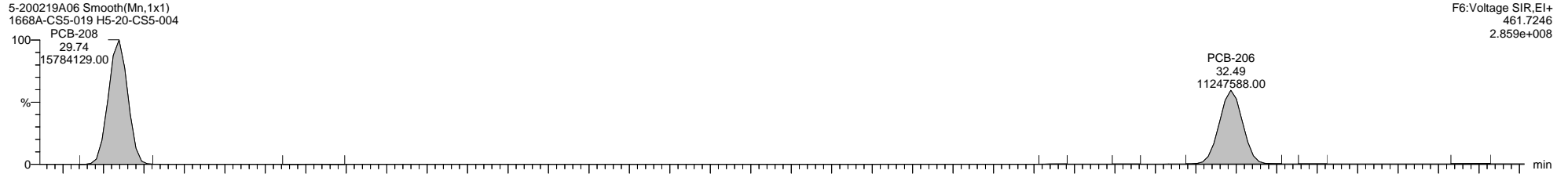


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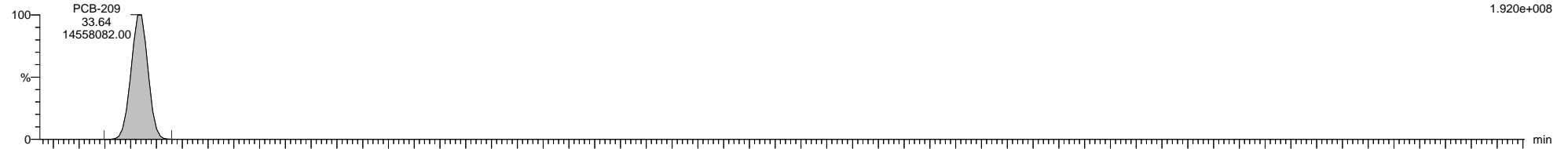
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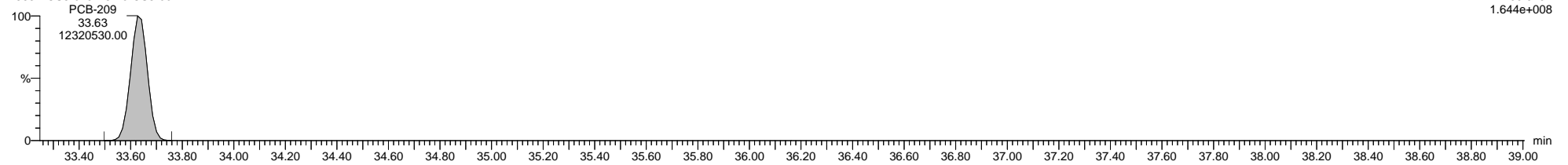
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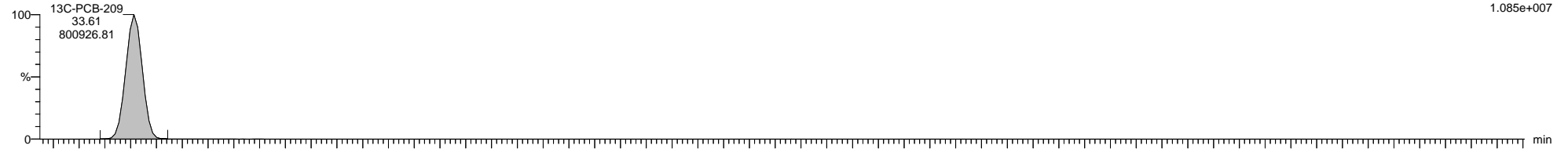
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1668A-CS5-019 H5-20-CS5-004



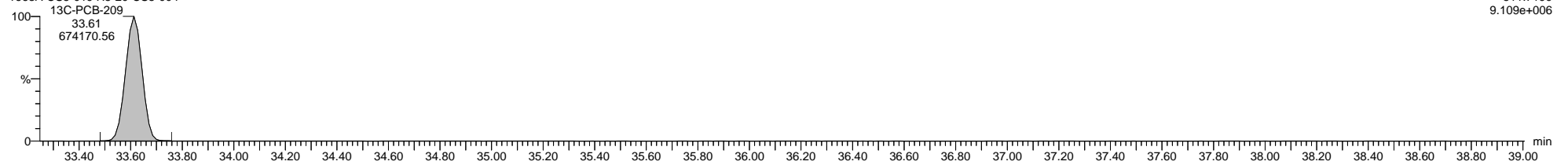
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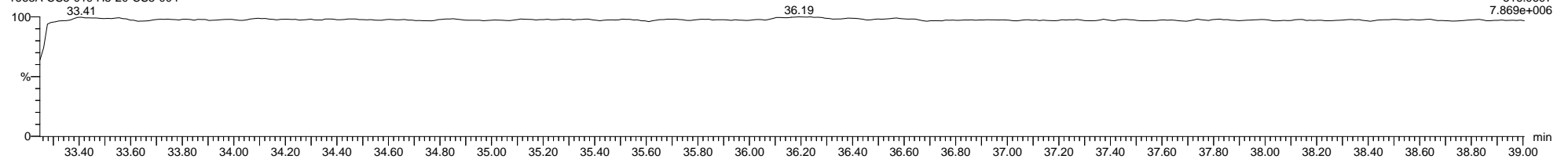
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1668A-CS5-019 H5-20-CS5-004



5-200219A06 Smooth(Mn,1x1)  
1668A-CS5-019 H5-20-CS5-004



5-200219A06 Smooth(Mn,1x1)  
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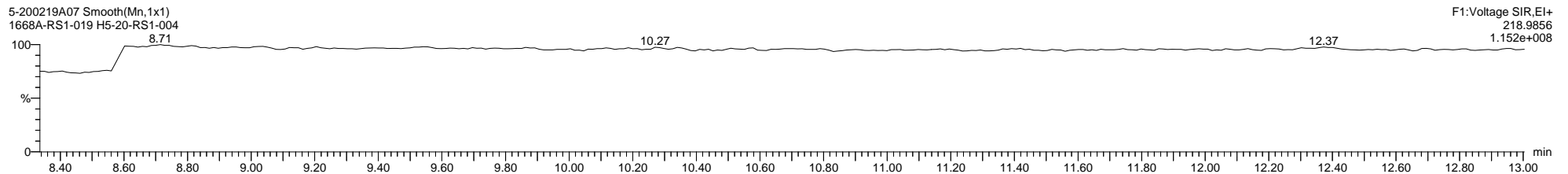
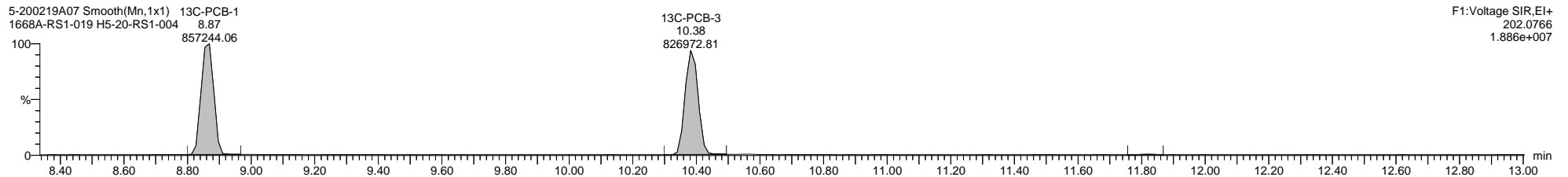
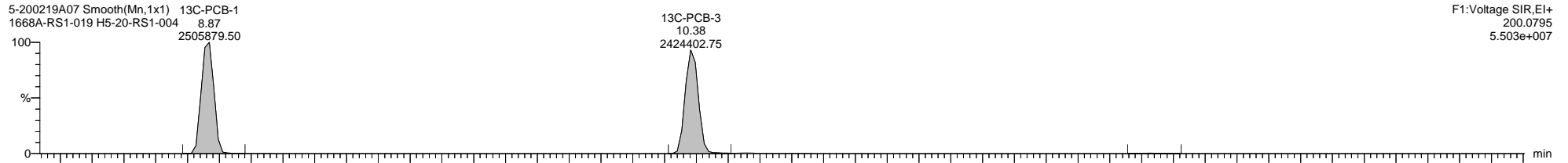
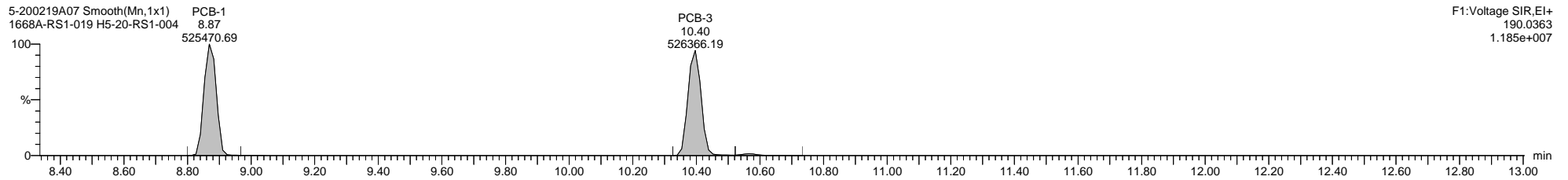
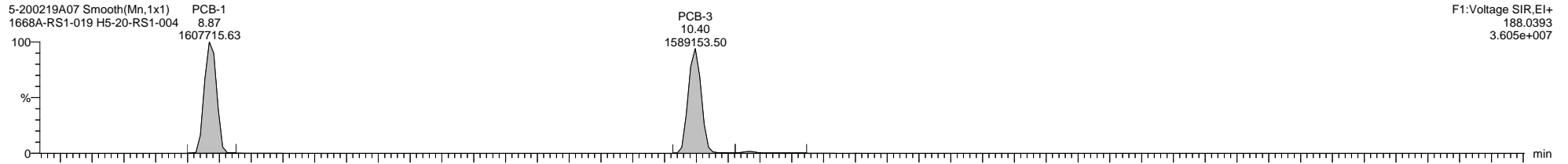
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Printed: Friday, February 21, 2020 14:02:55 Eastern Standard Time

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Name: 5-200219A07, Date: 19-Feb-2020, Time: 18:21:51, ID: H5-20-RS1-004, Description: 1668A-RS1-019, Vial: Tray1:45

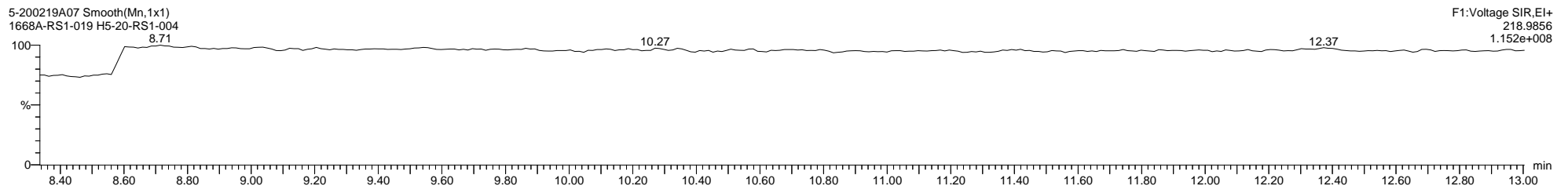
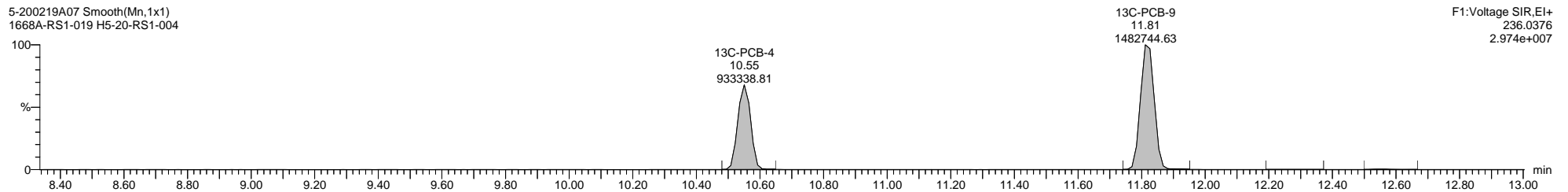
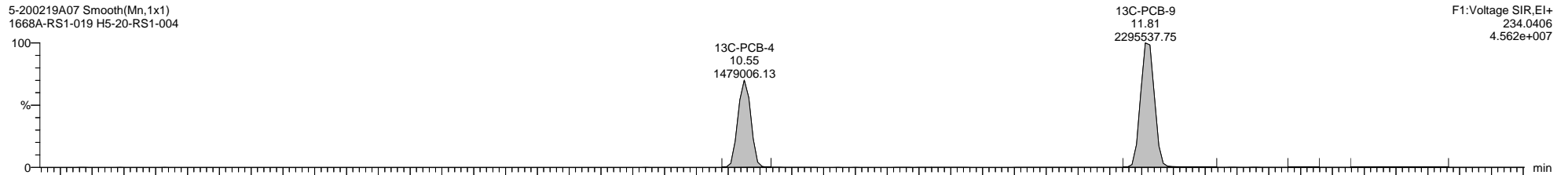
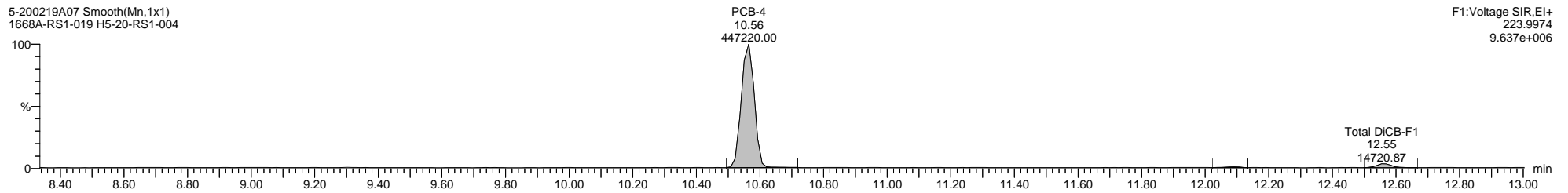
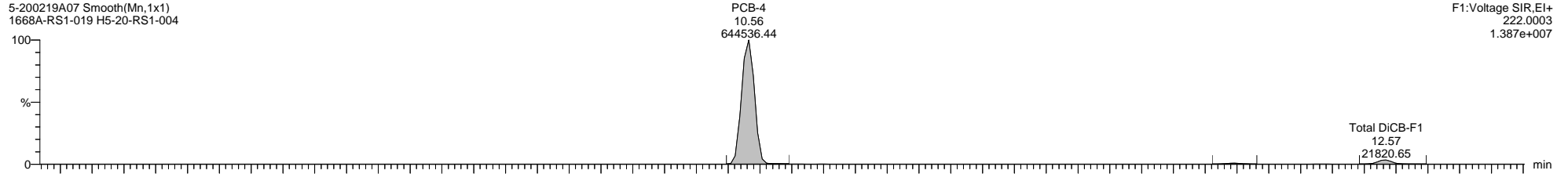


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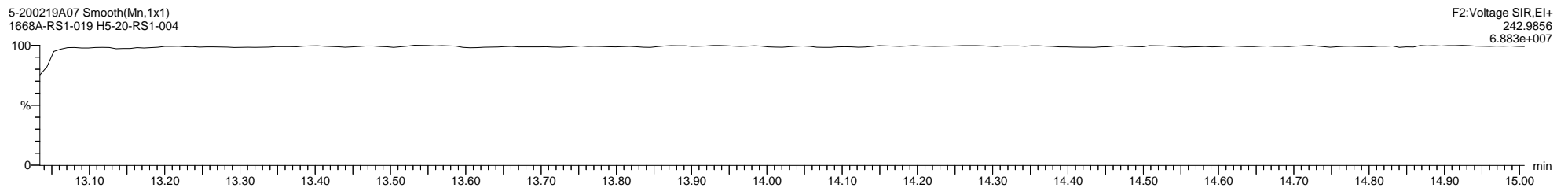
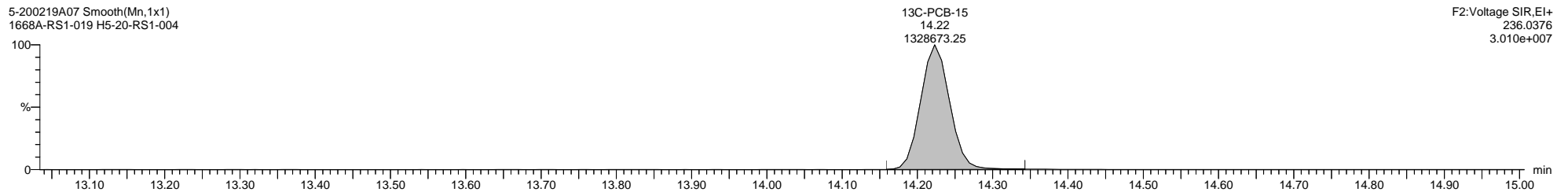
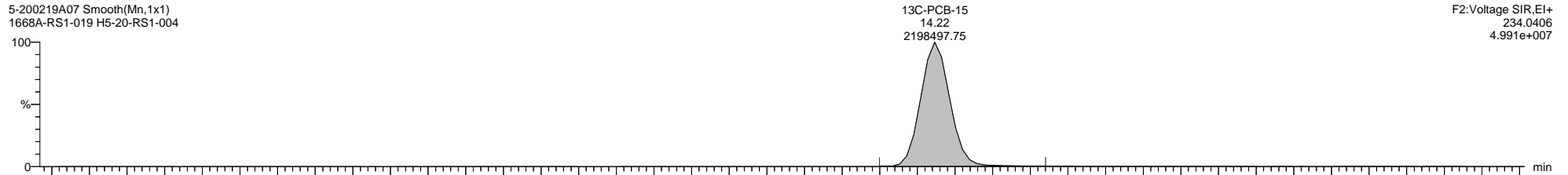
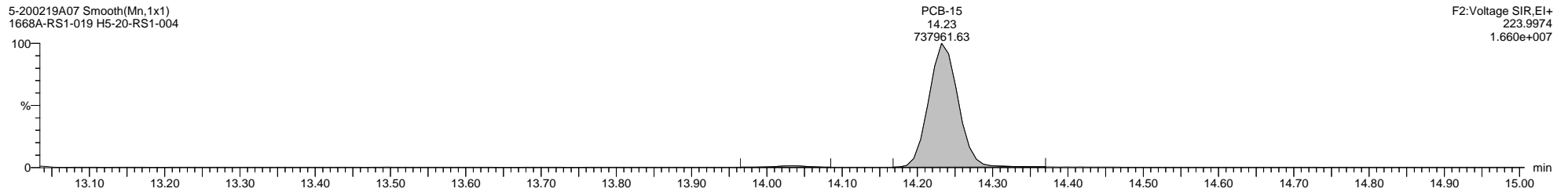
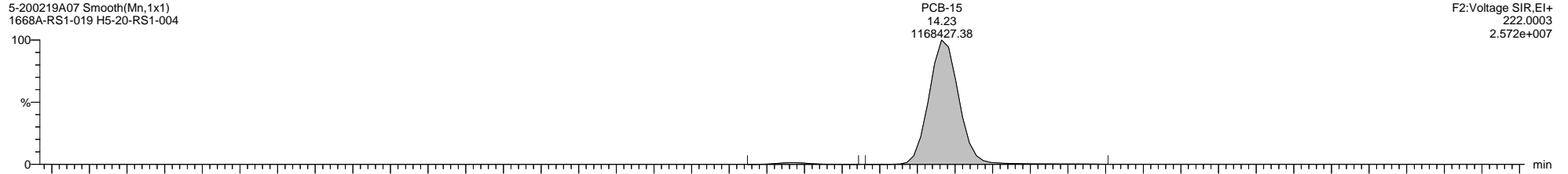


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Name: 5-200219A07, Date: 19-Feb-2020, Time: 18:21:51, ID: H5-20-RS1-004, Description: 1668A-RS1-019, Vial: Tray1:45





Quantify Sample Template Report

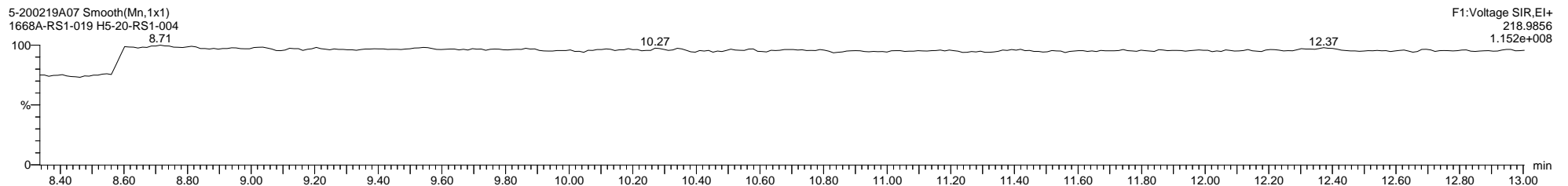
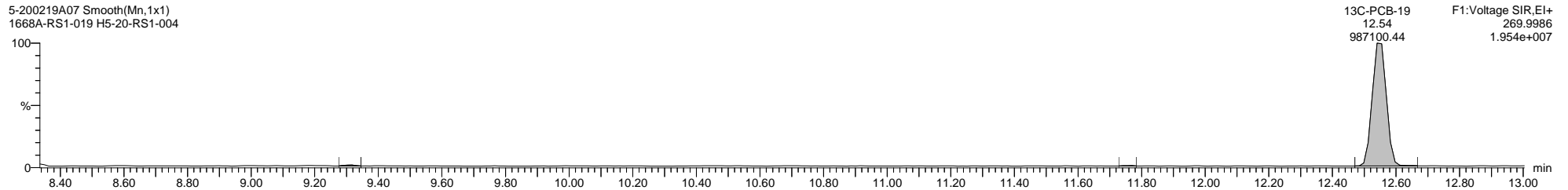
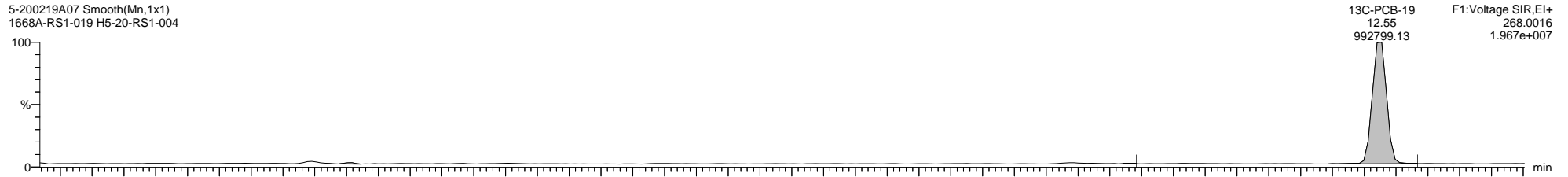
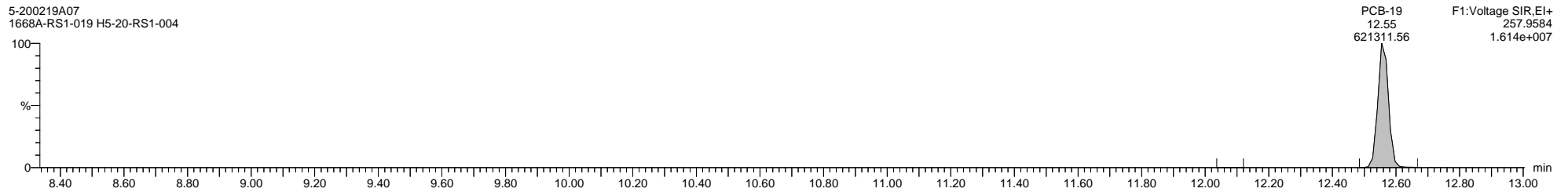
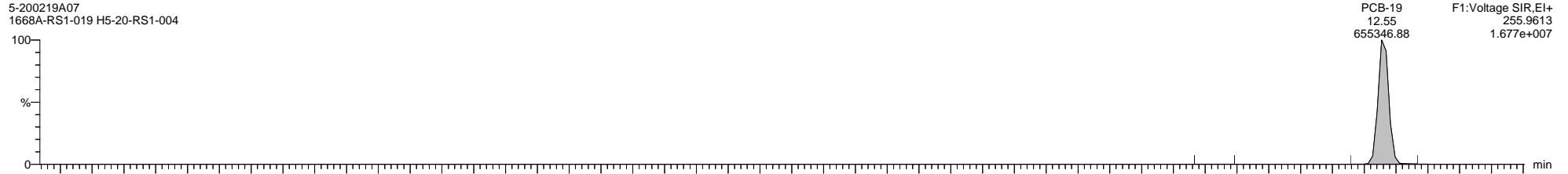
MassLynx MassLynx V4.1 SCN 901

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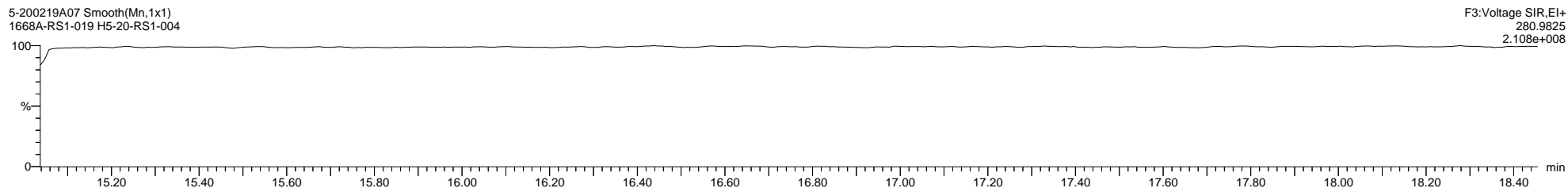
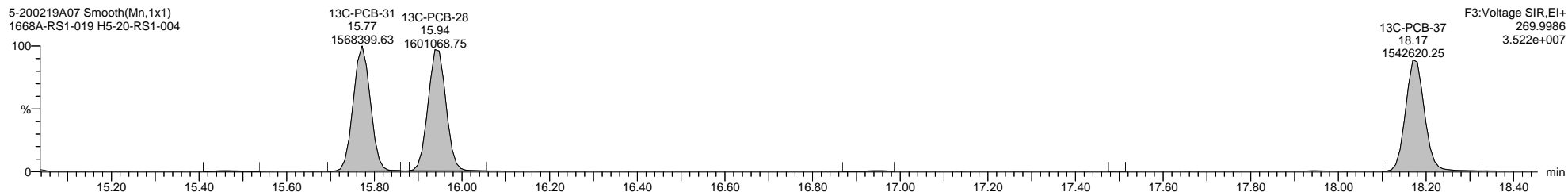
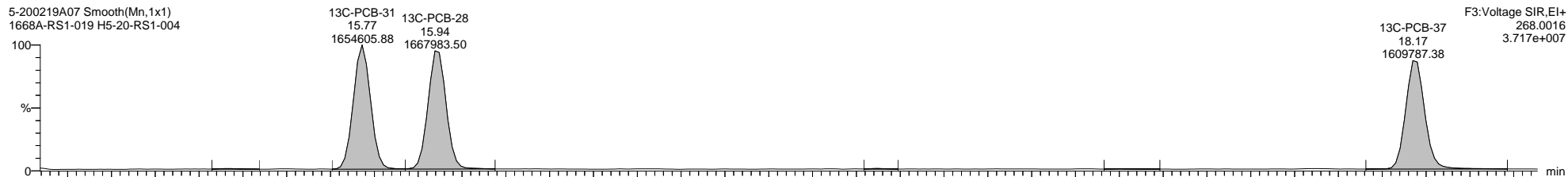
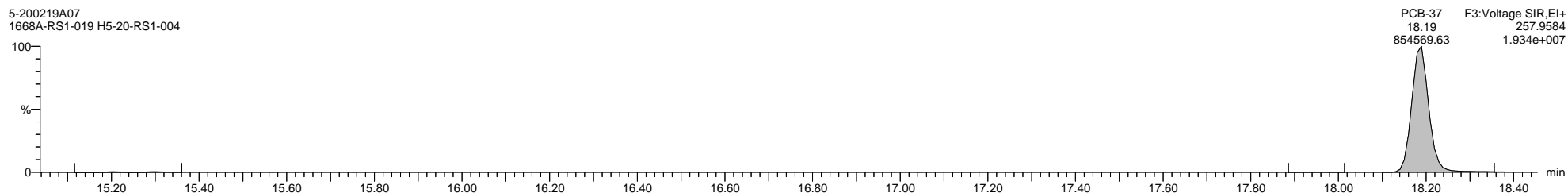
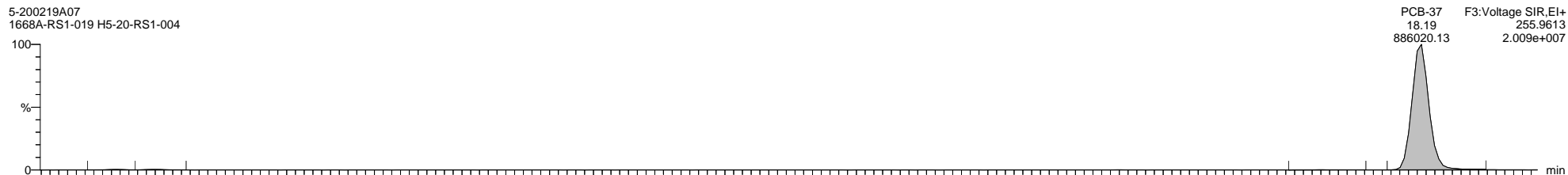


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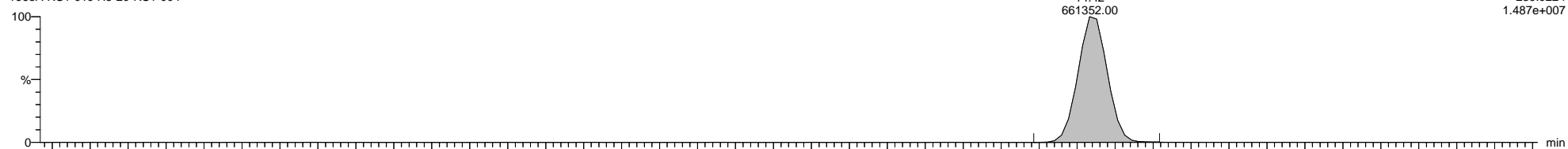
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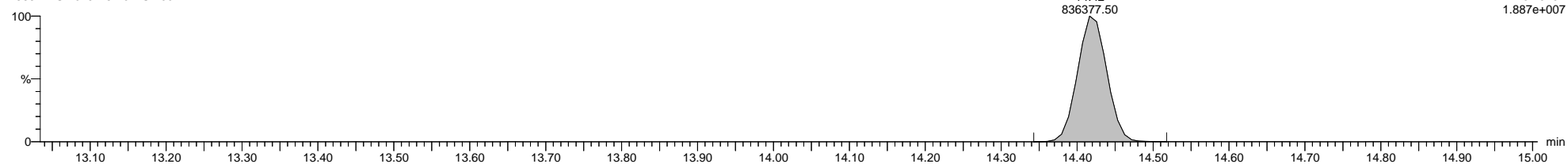
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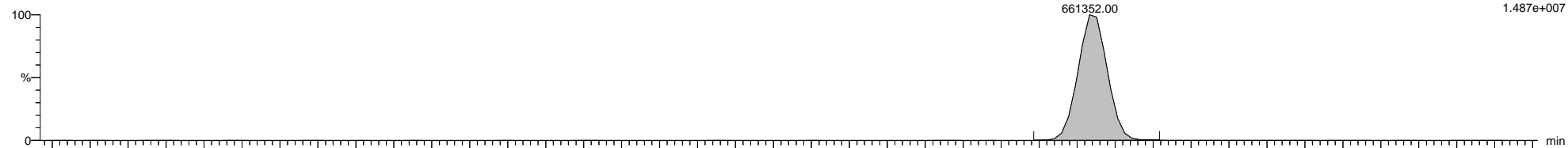
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1668A-RS1-019 H5-20-RS1-004



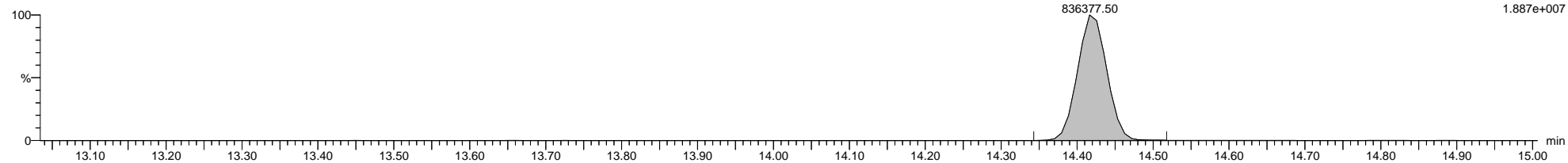
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1668A-RS1-019 H5-20-RS1-004



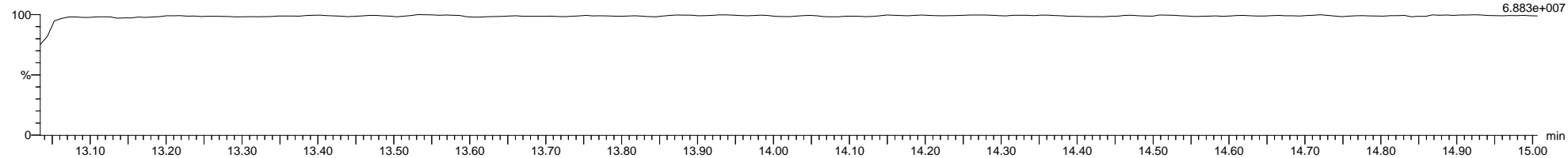
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1668A-RS1-019 H5-20-RS1-004



5-200219A07 Smooth(Mn,1x1)  
1668A-RS1-019 H5-20-RS1-004



5-200219A07 Smooth(Mn,1x1)  
1668A-RS1-019 H5-20-RS1-004



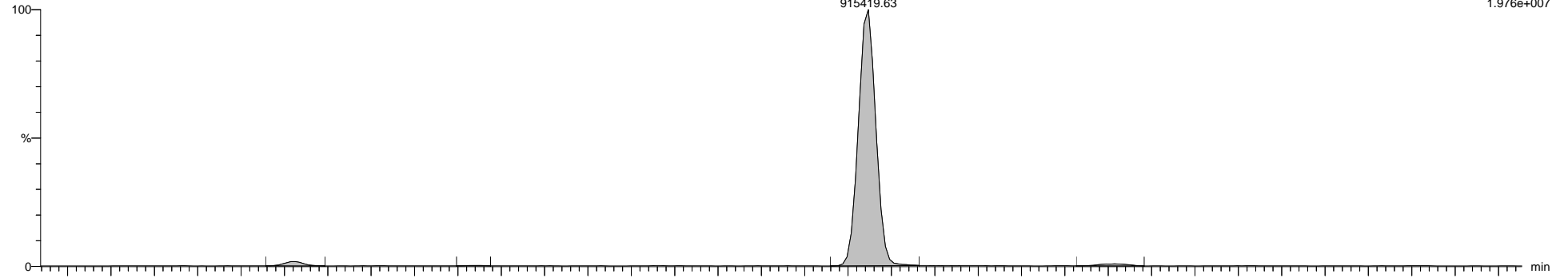
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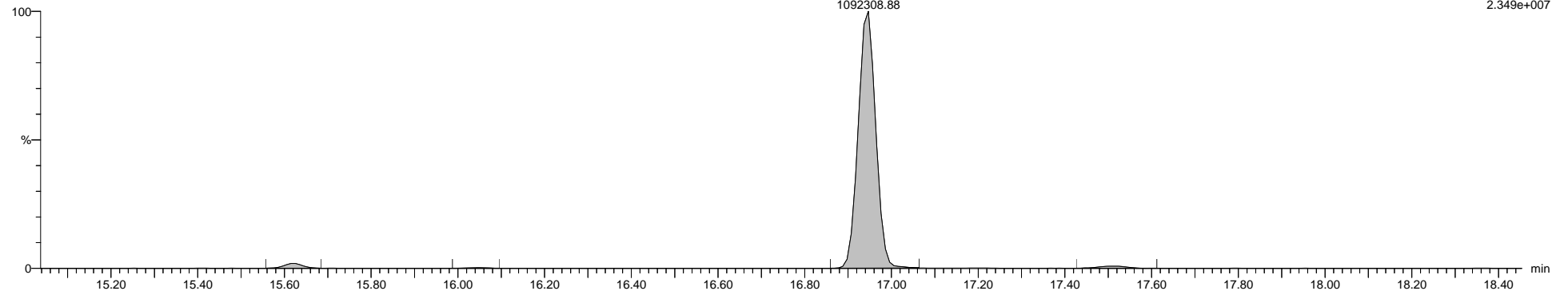
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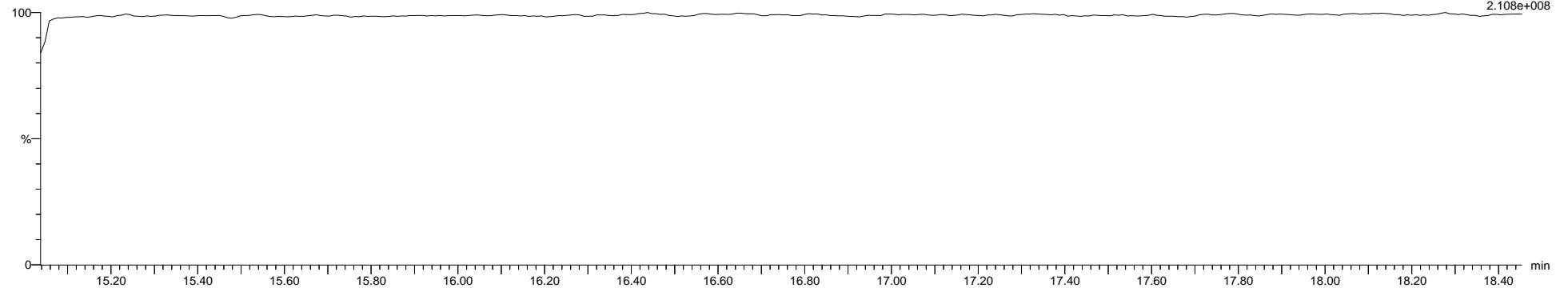
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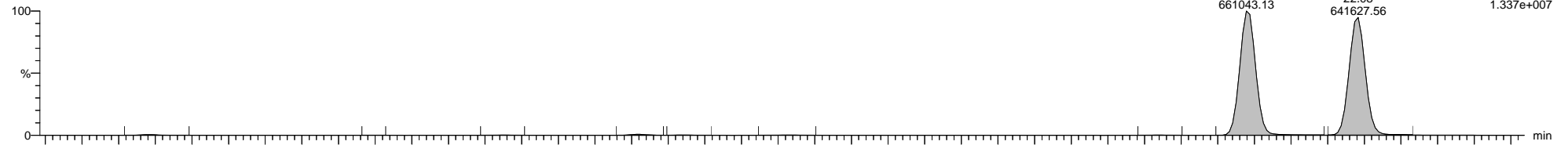
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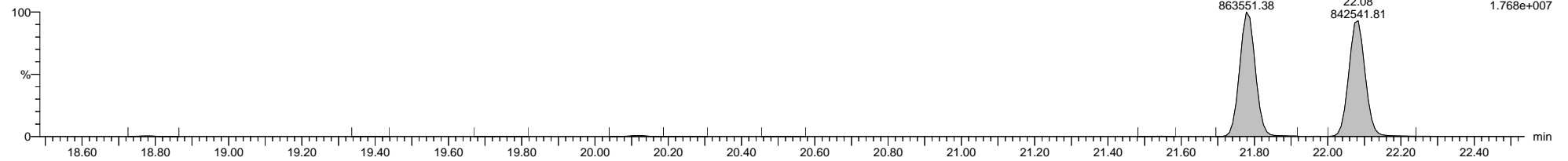
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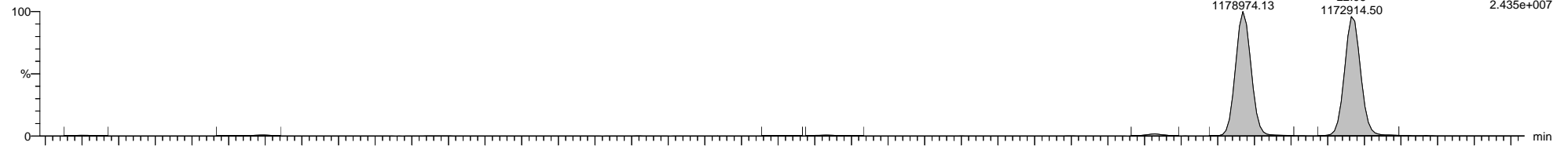
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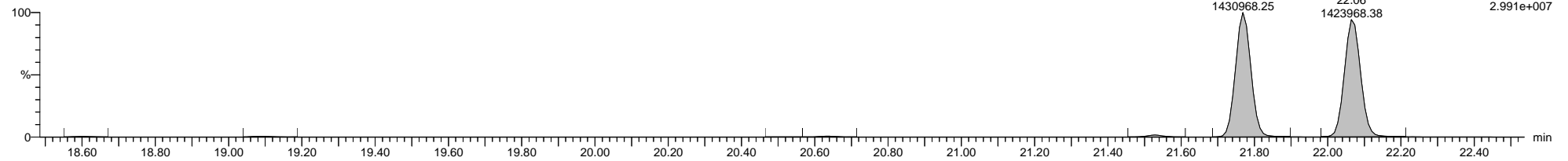
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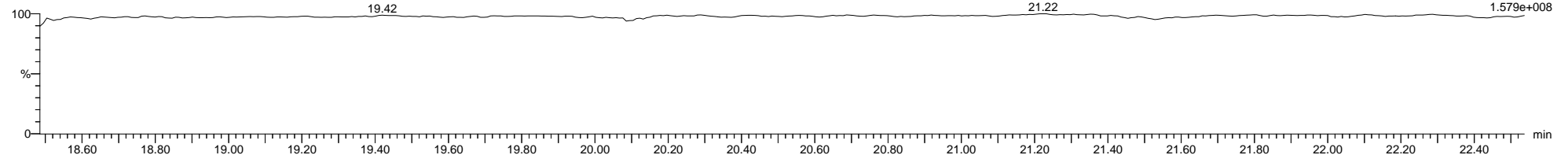
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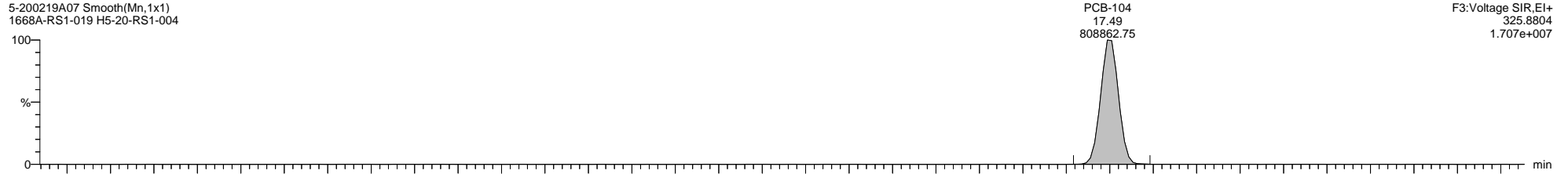
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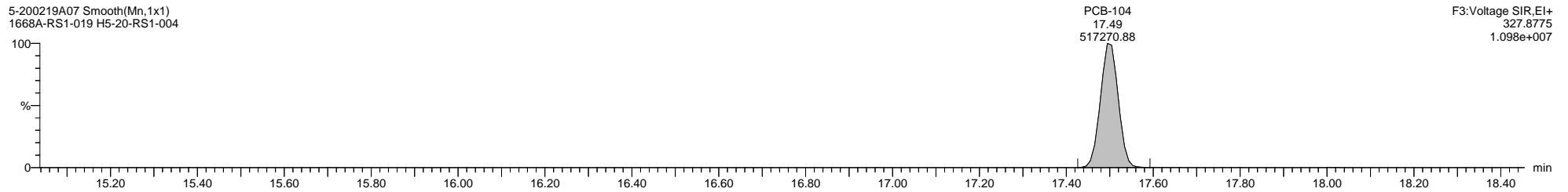
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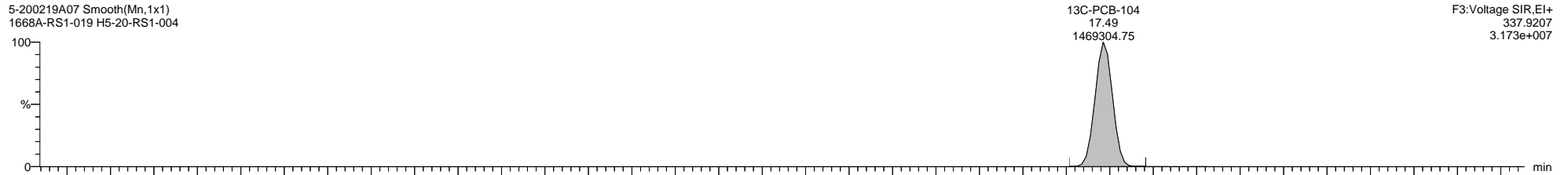
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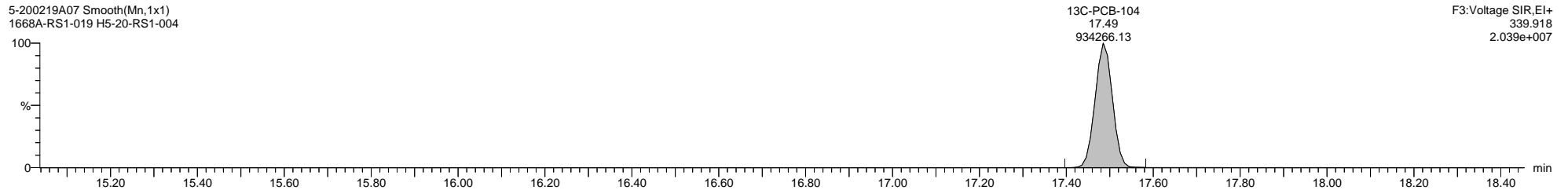
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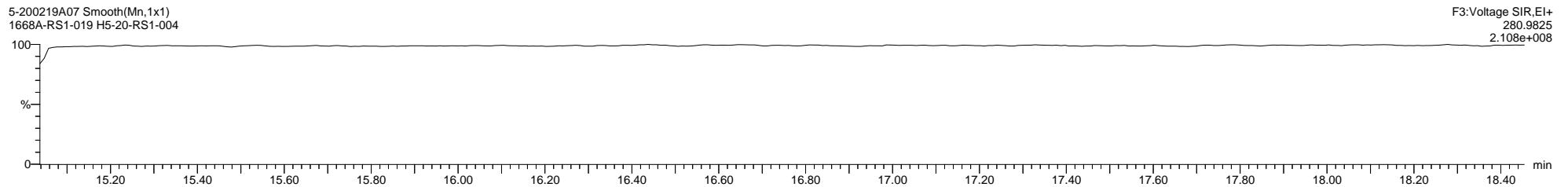
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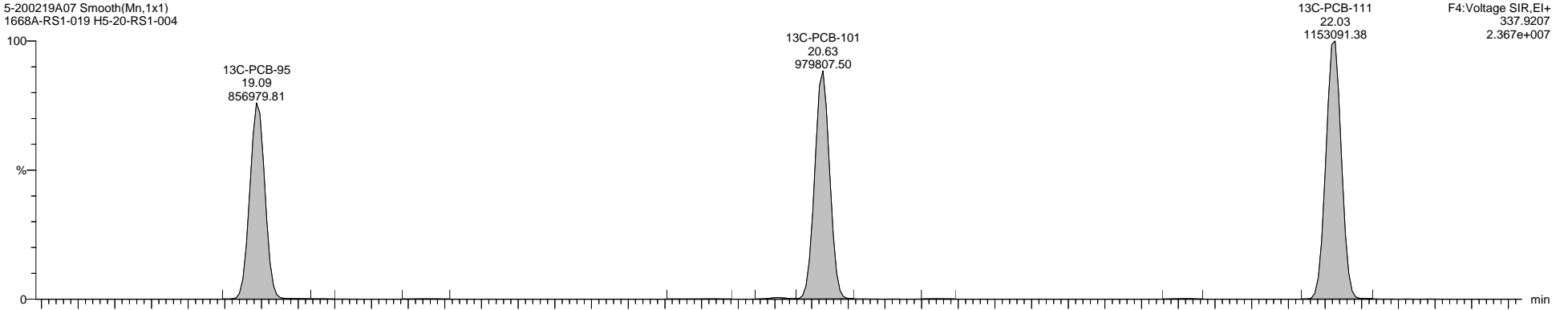
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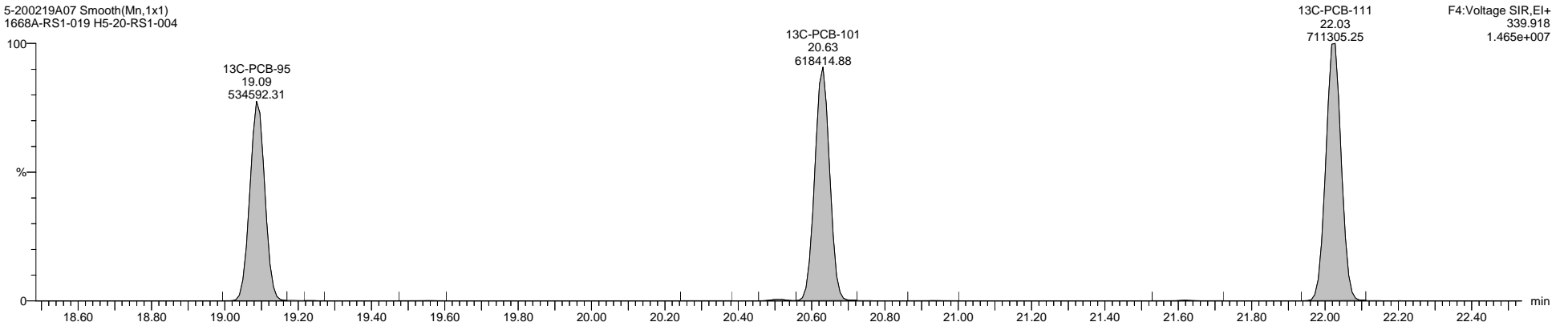
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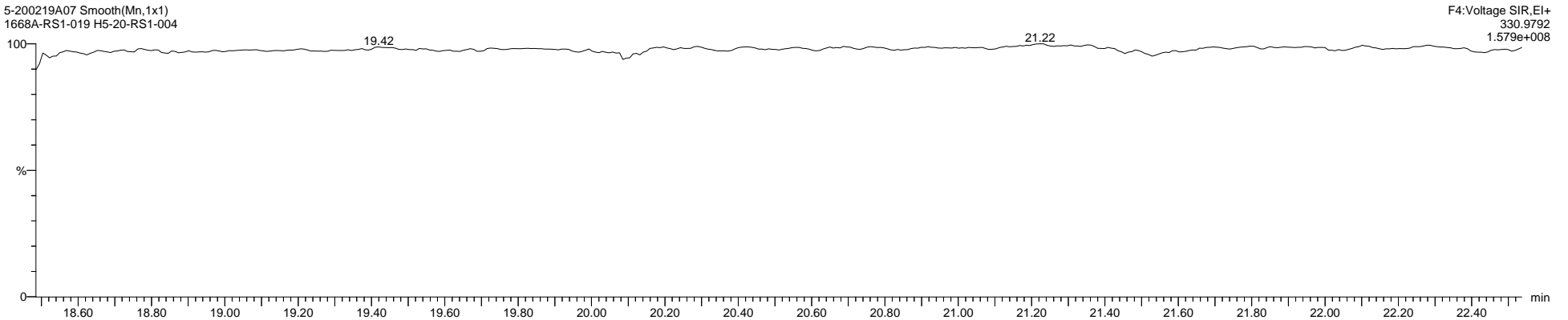
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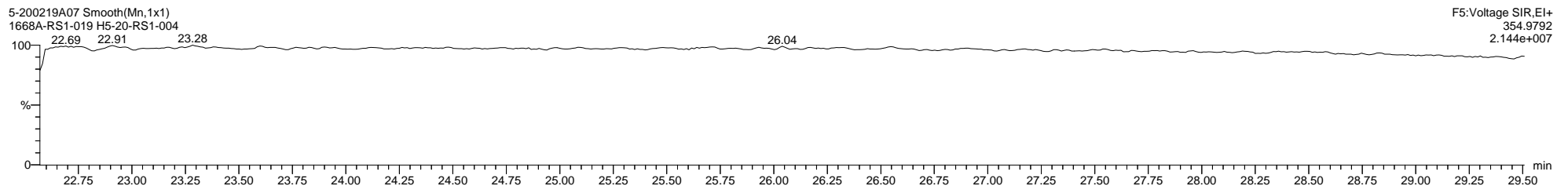
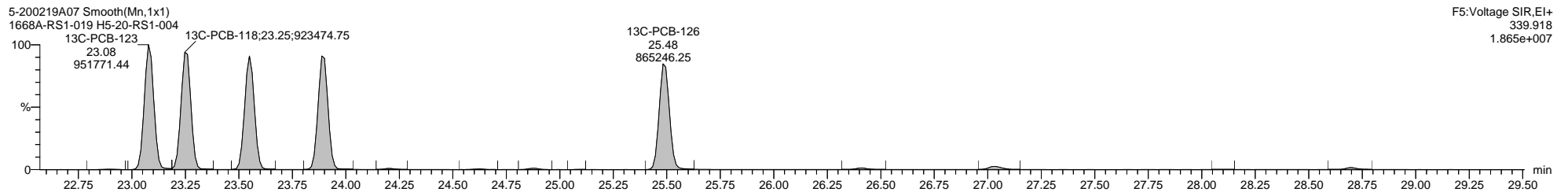
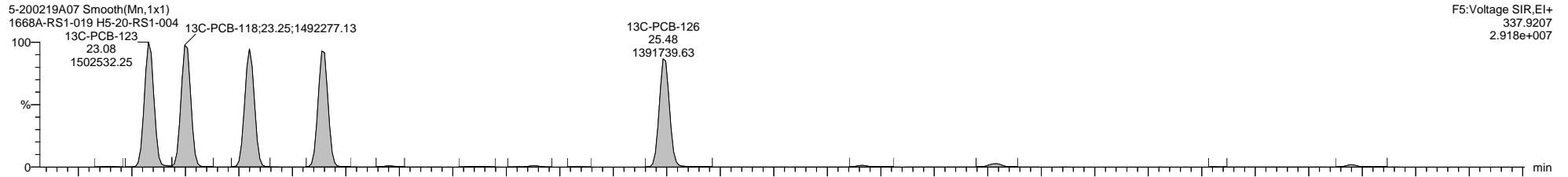
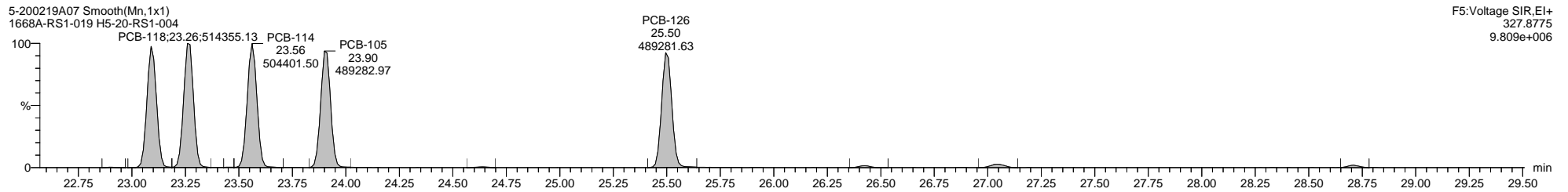
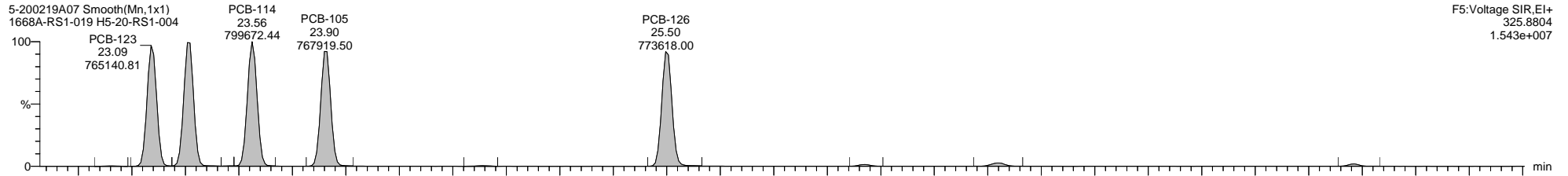


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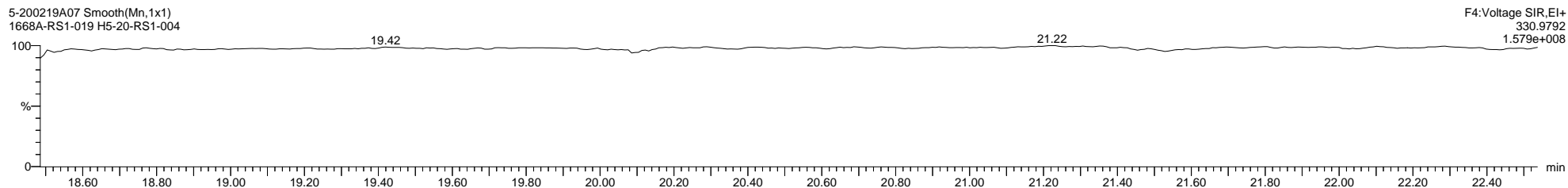
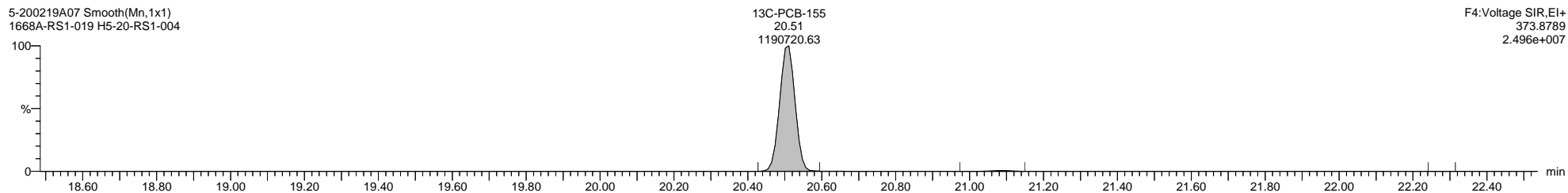
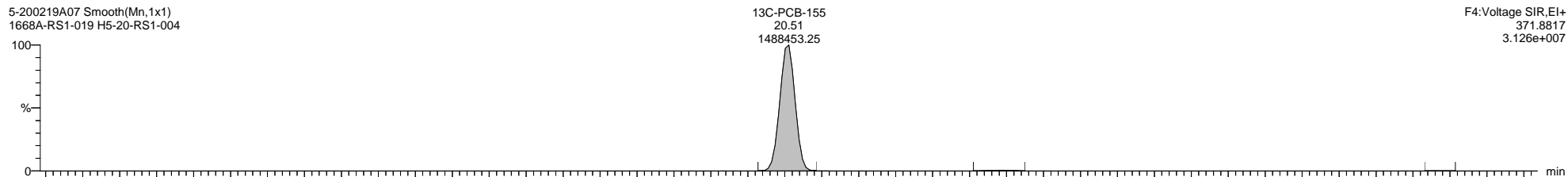
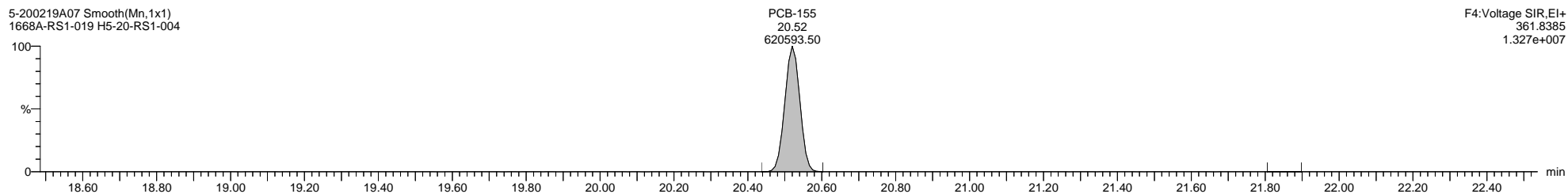
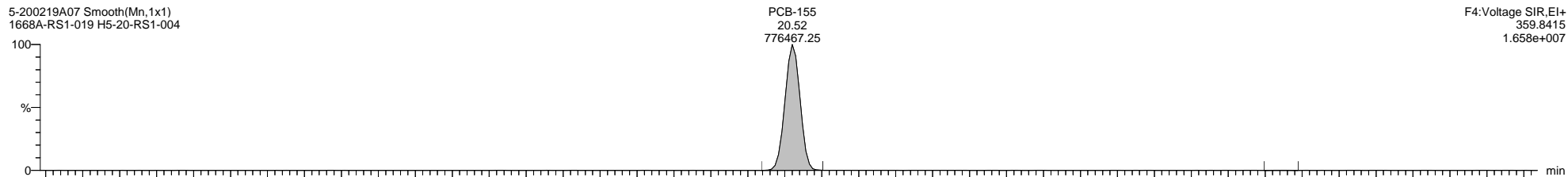


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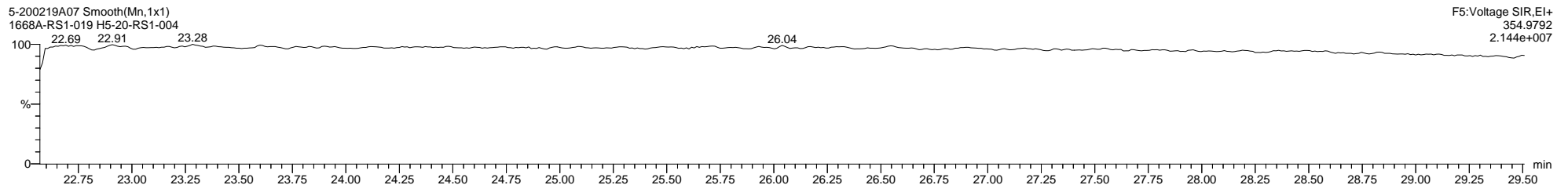
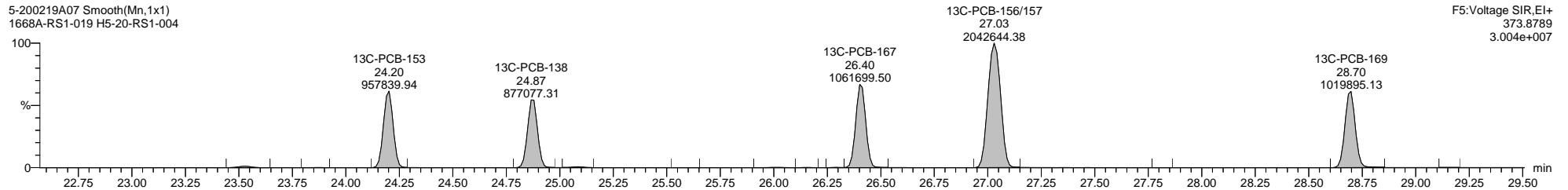
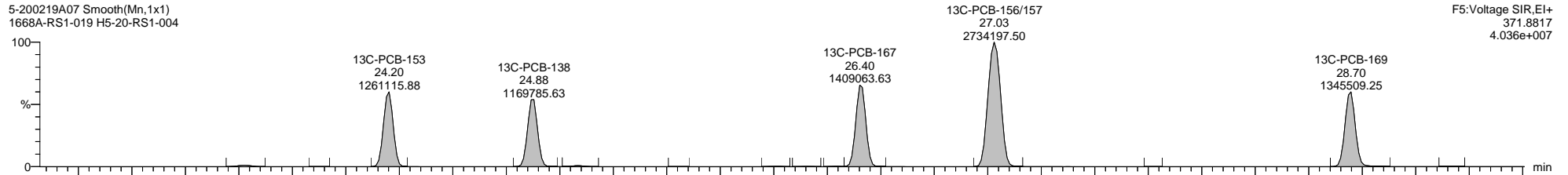
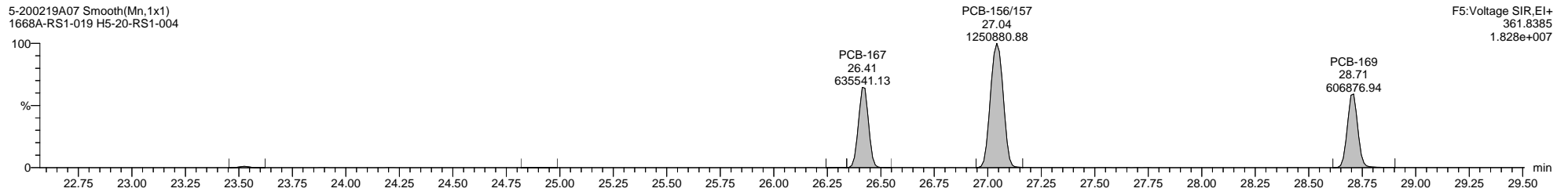
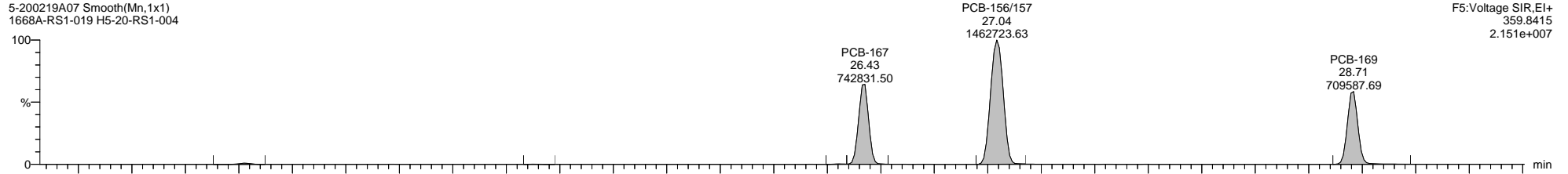


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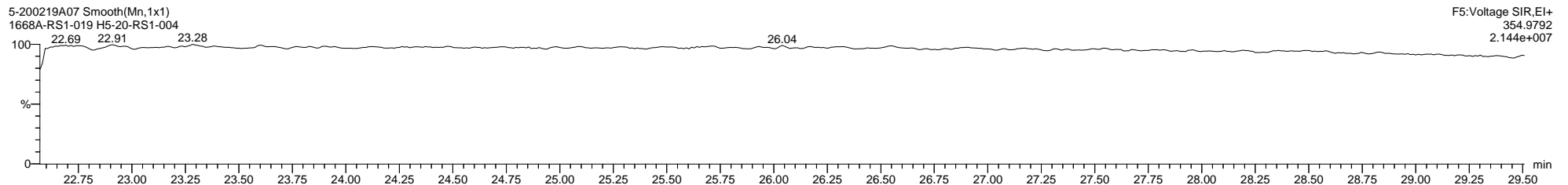
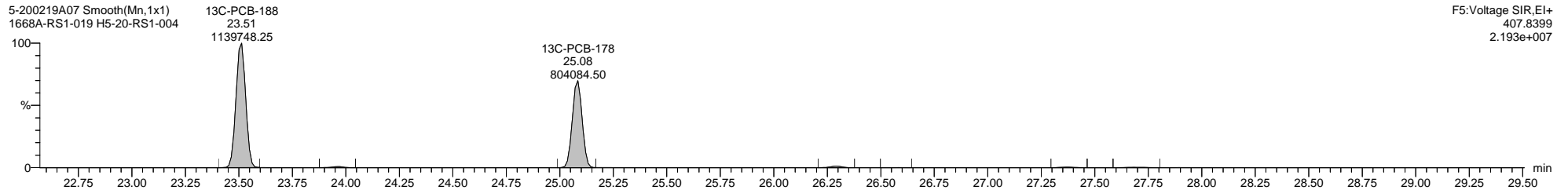
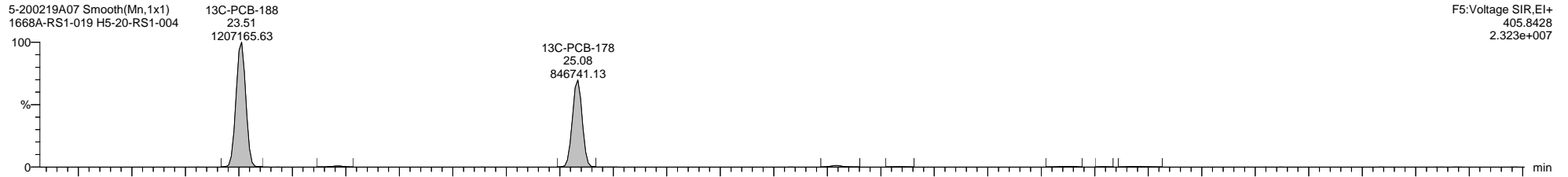
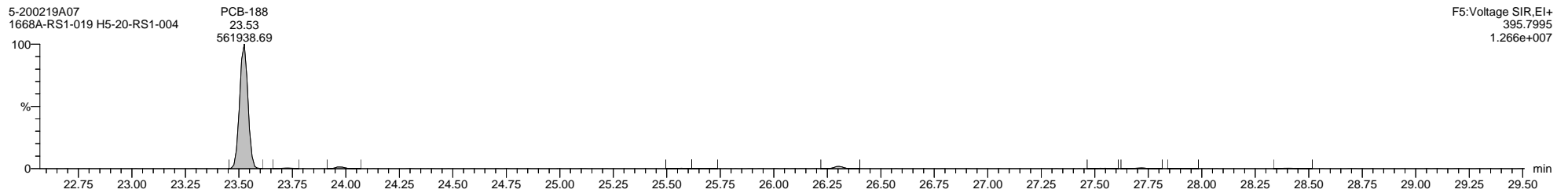
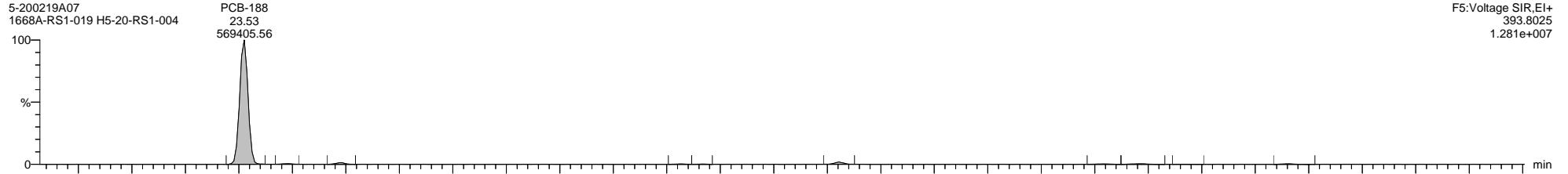


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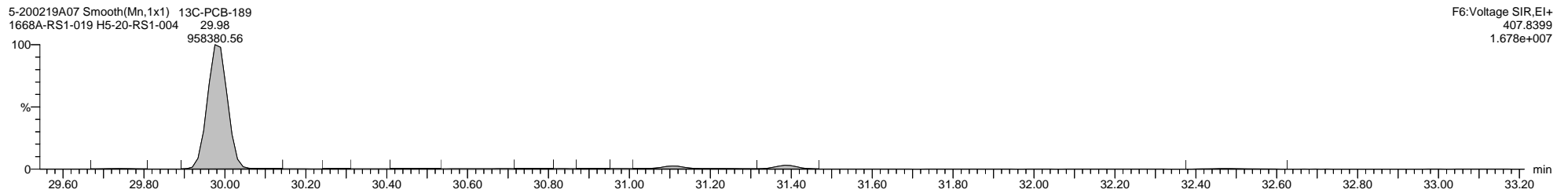
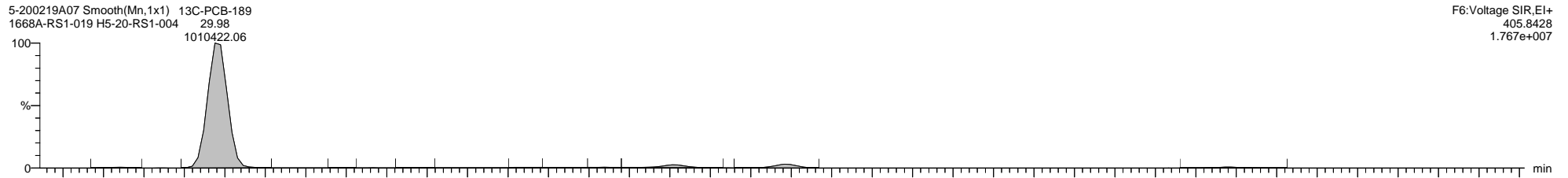
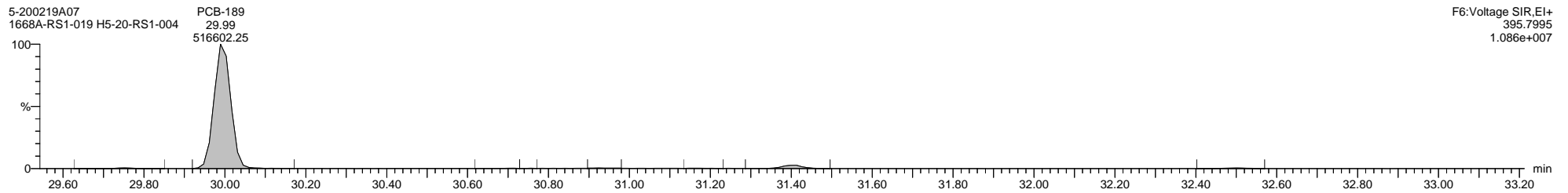
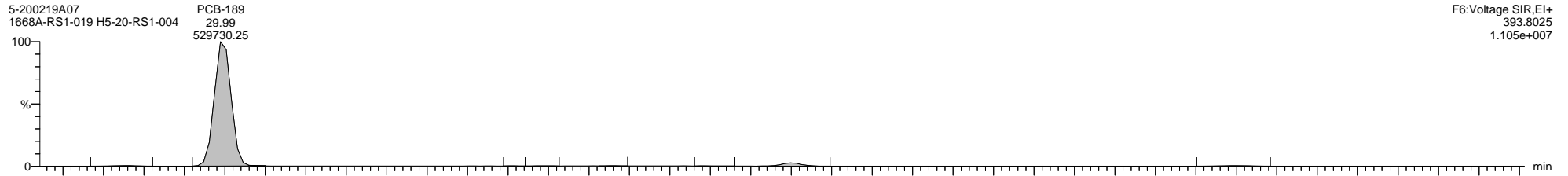


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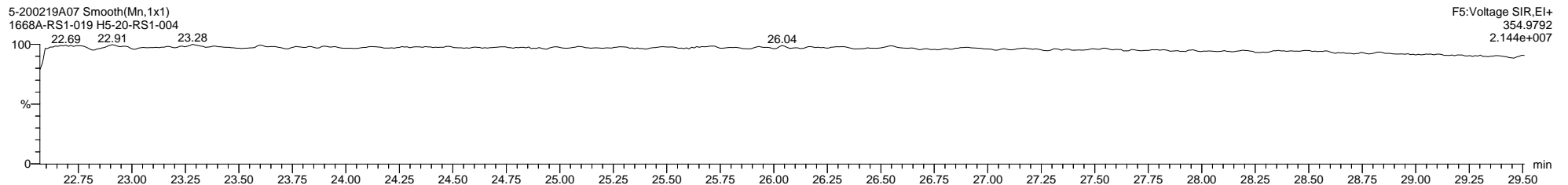
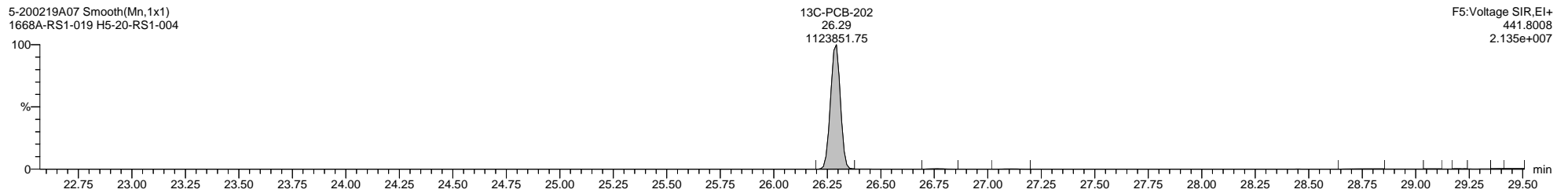
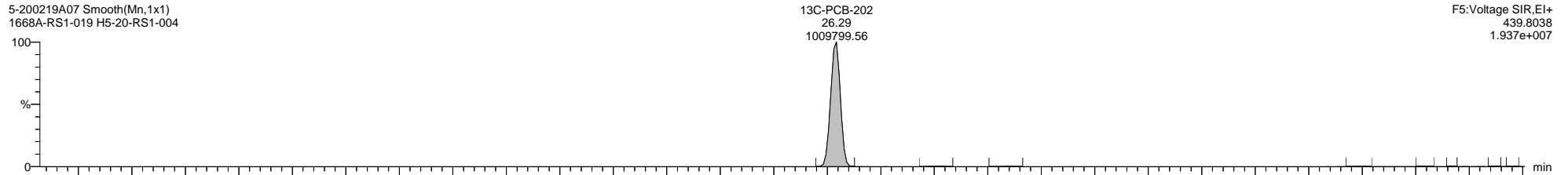
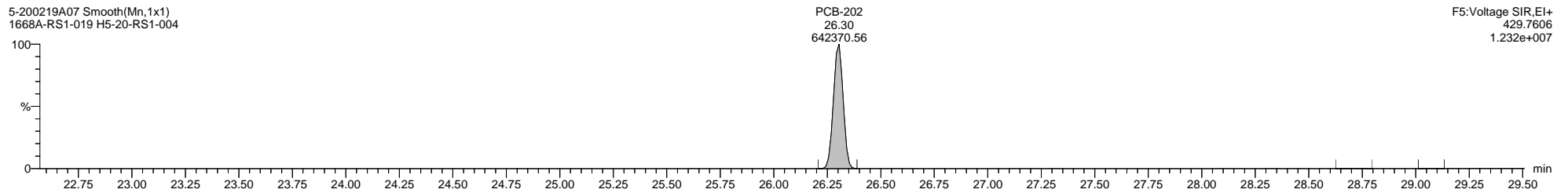
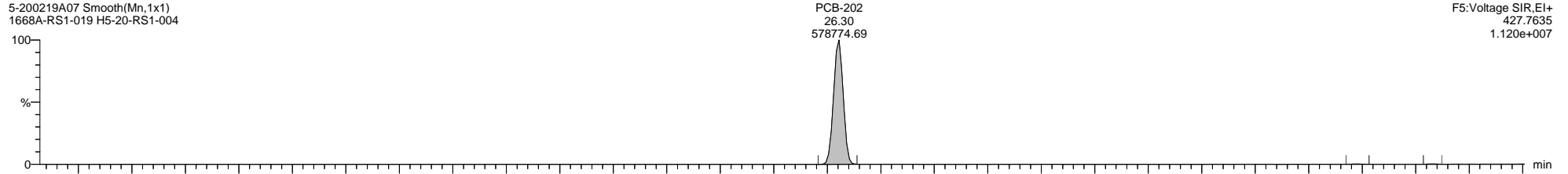


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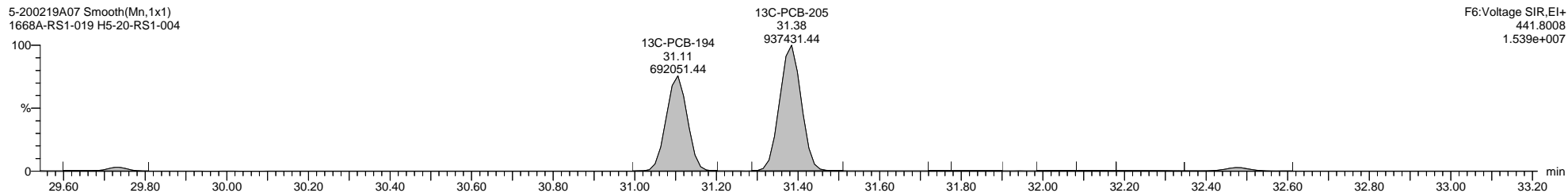
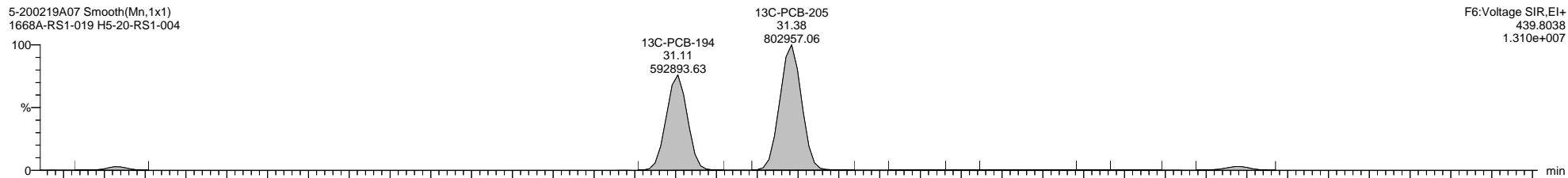
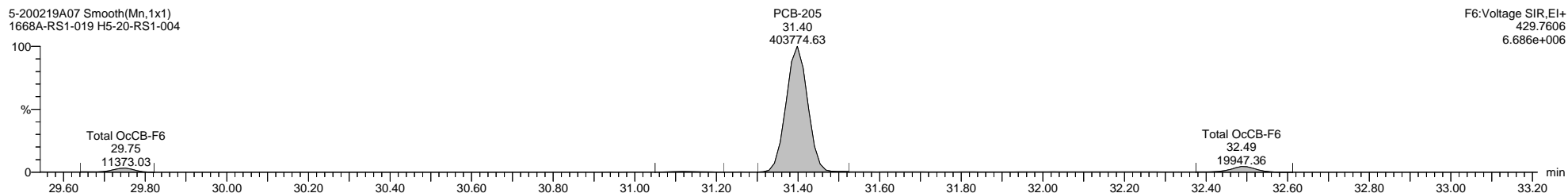
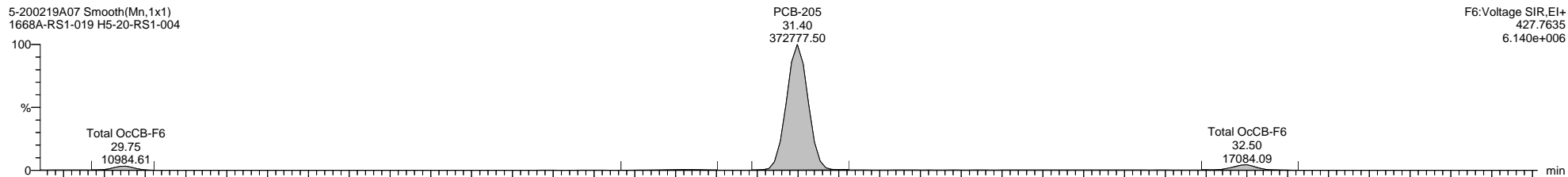


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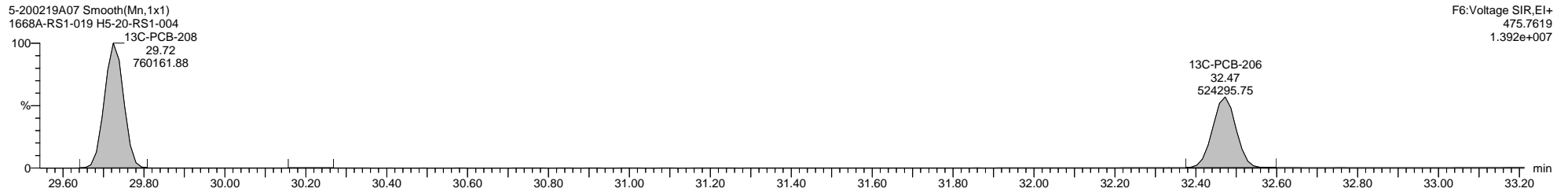
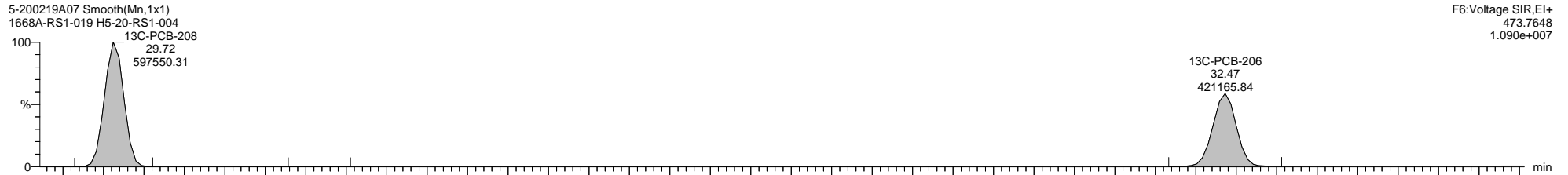
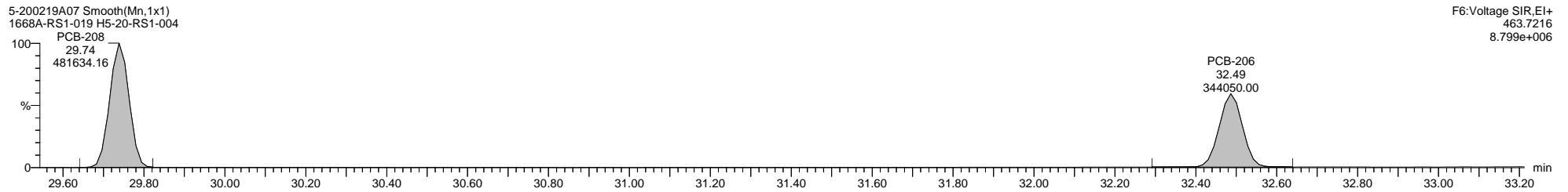
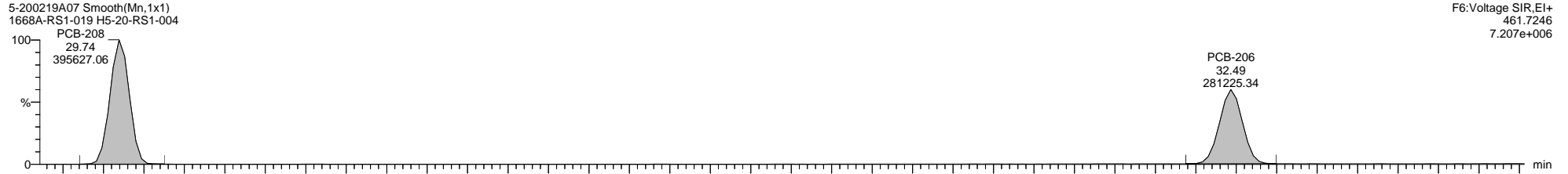


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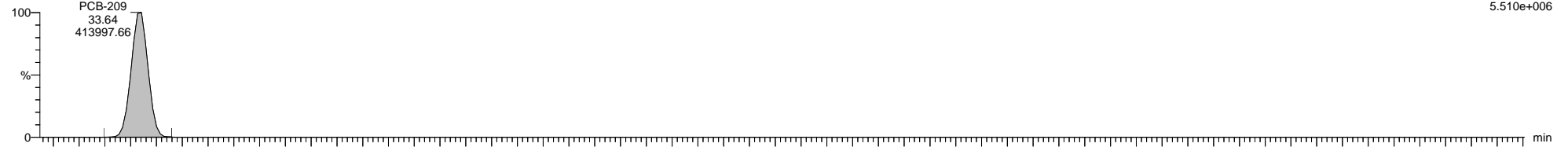
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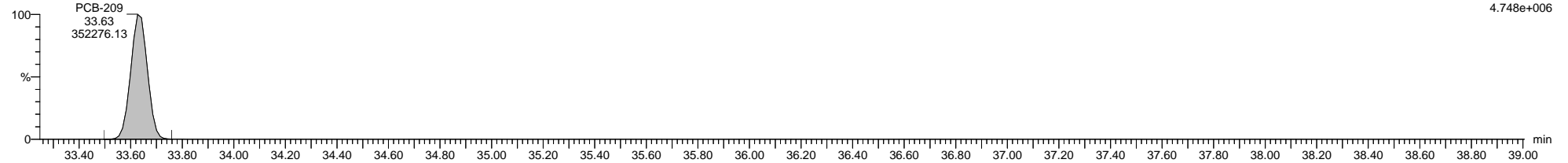
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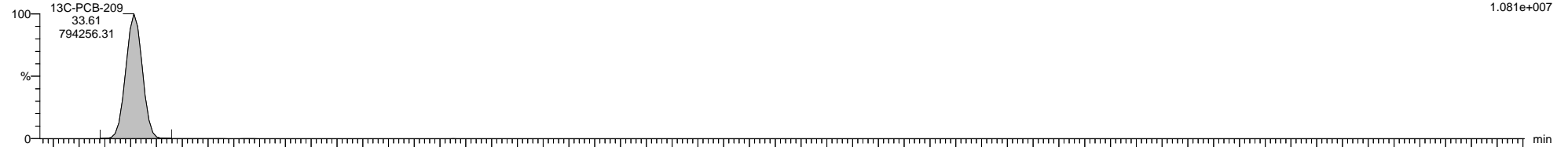
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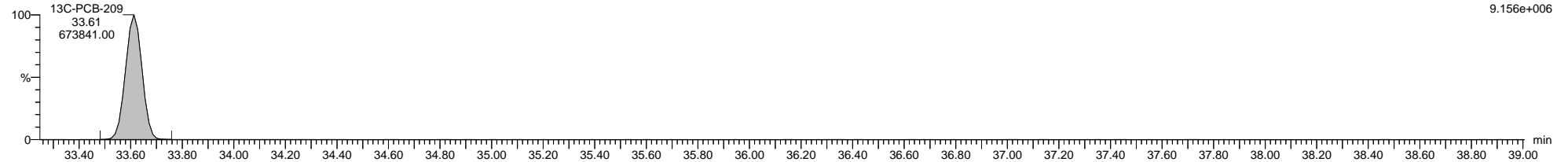
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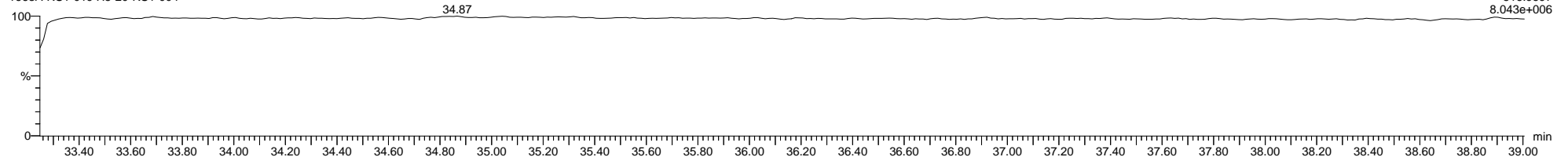
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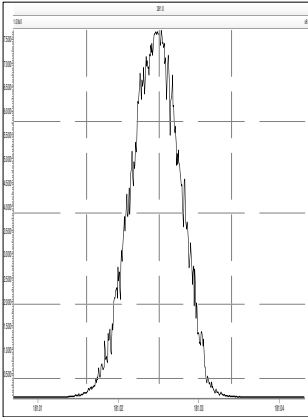




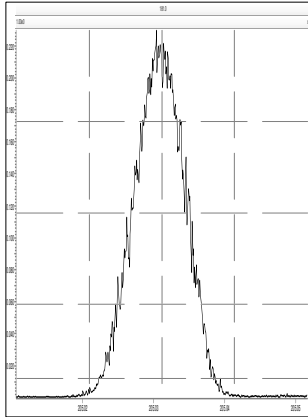
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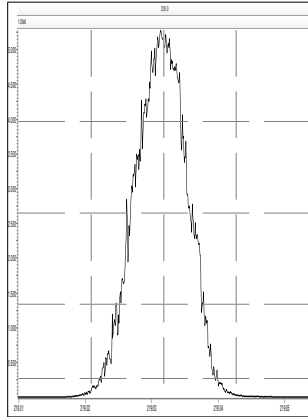
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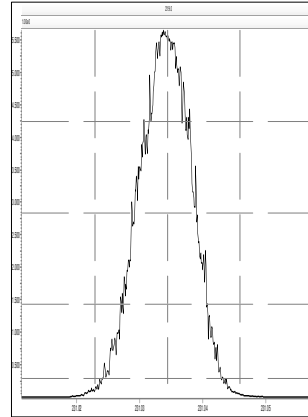
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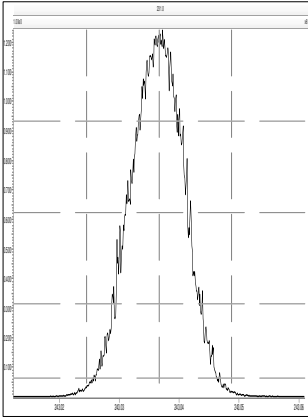
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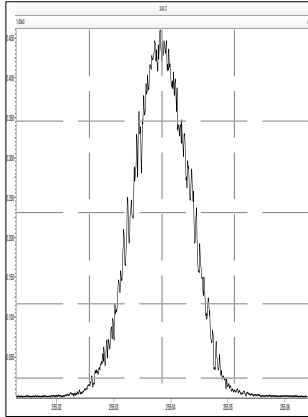
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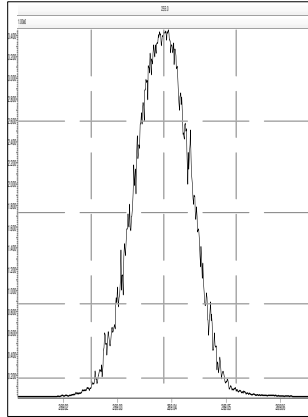
M 242.9856 R 11963



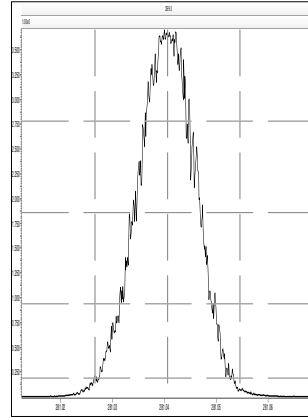
M 254.9856 R 11210



M 268.9824 R 11468



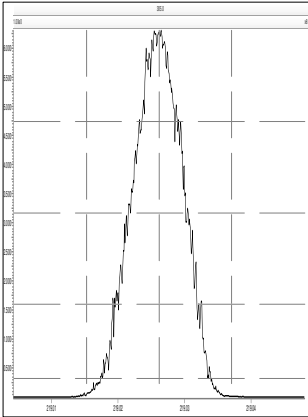
M 280.9824 R 11110



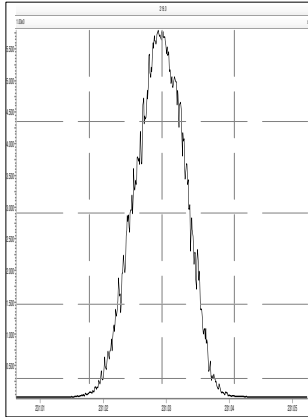
File: Experiment: 1668\_octyl\_1.exp Reference: Pfk.ref Function: 2 @ 200 (ppm)

Printed: Wednesday, February 19, 2020 13:39:15 Eastern Standard Time

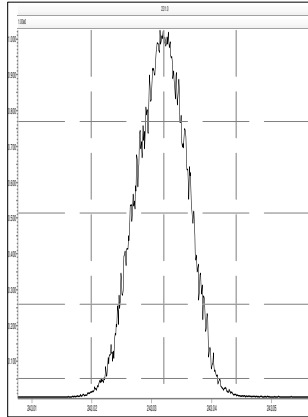
M 218.9856 R 13157



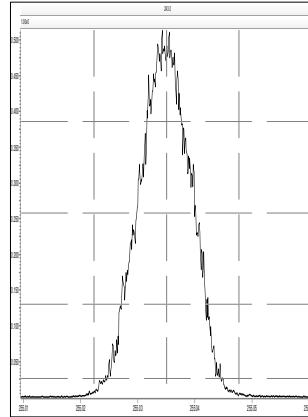
M 230.9856 R 13369



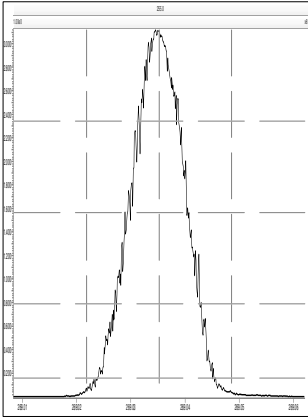
M 242.9856 R 12884



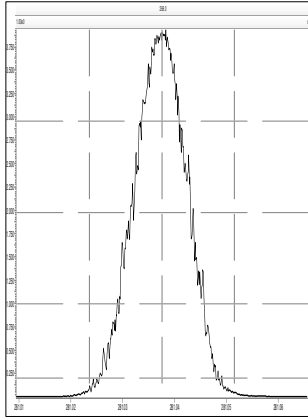
M 254.9856 R 12562



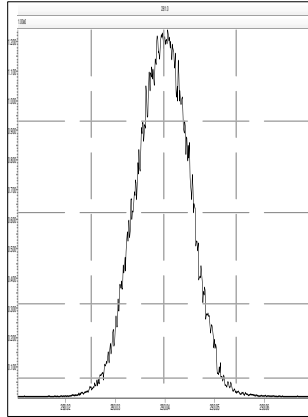
M 268.9824 R 12691



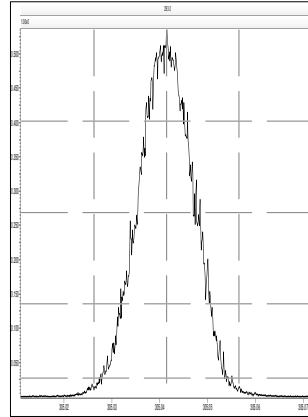
M 280.9824 R 12436



M 292.9824 R 12257



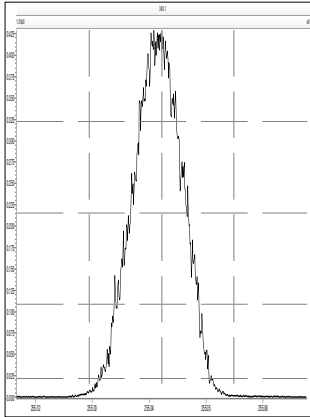
M 304.9824 R 11682



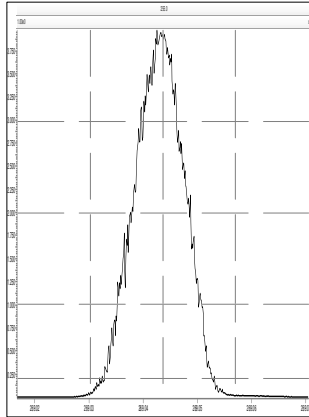
File: Experiment: 1668\_octyl\_1.exp Reference: Pfk.ref Function: 3 @ 200 (ppm)

Printed: Wednesday, February 19, 2020 13:39:34 Eastern Standard Time

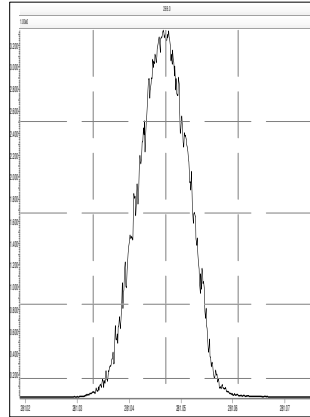
M 254.9856 R 13368



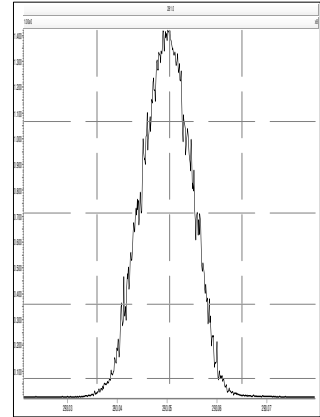
M 268.9824 R 13434



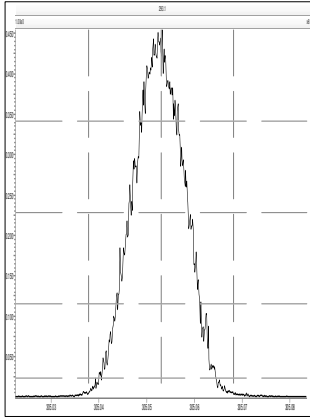
M 280.9824 R 13296



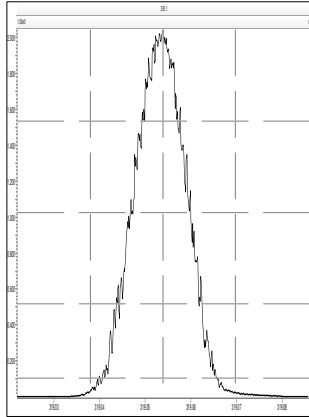
M 292.9824 R 13517



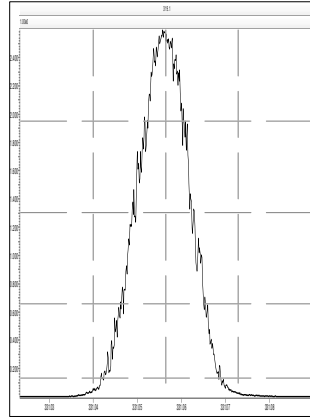
M 304.9824 R 12691



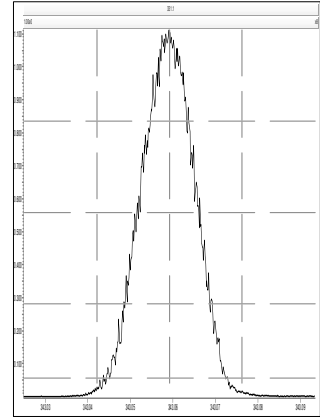
M 318.9792 R 12625



M 330.9792 R 12435



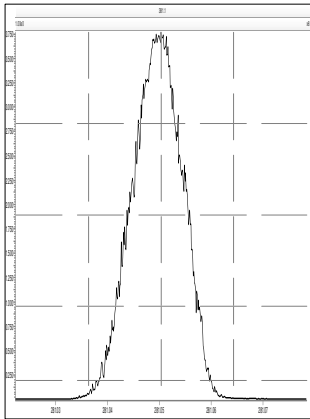
M 342.9792 R 11963



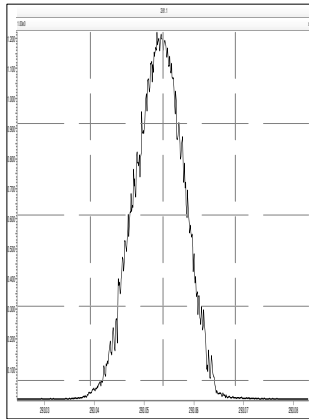
File: Experiment: 1668\_octyl\_1.exp Reference: Pfk.ref Function: 4 @ 200 (ppm)

Printed: Wednesday, February 19, 2020 13:39:53 Eastern Standard Time

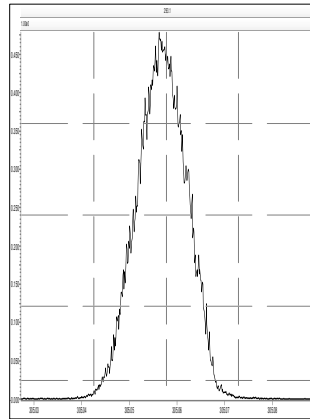
M 280.9824 R 12885



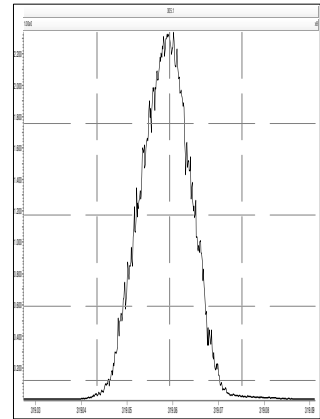
M 292.9824 R 13024



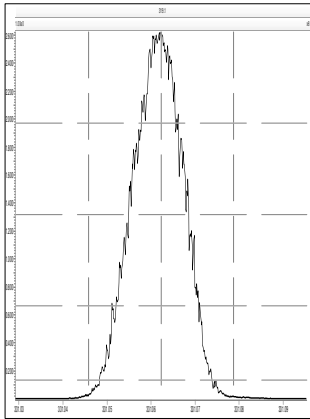
M 304.9824 R 12954



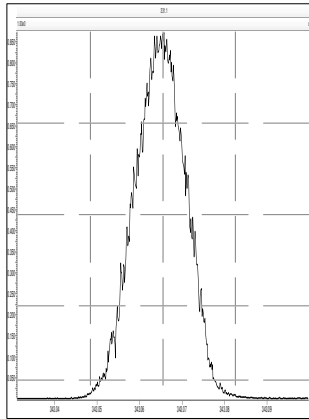
M 318.9792 R 13157



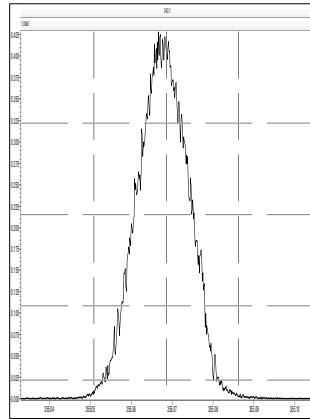
M 330.9792 R 12884



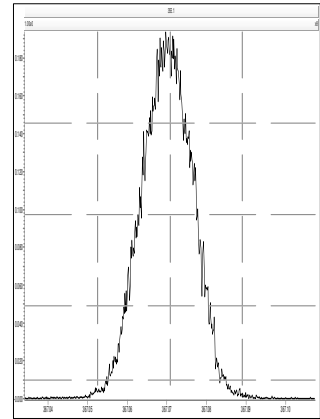
M 342.9792 R 12686



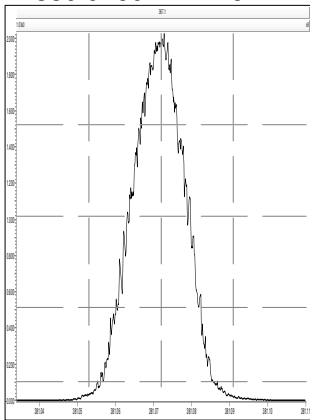
M 354.9792 R 13088



M 366.9792 R 12951



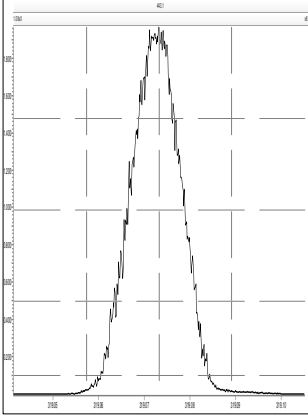
M 380.9760 R 12751



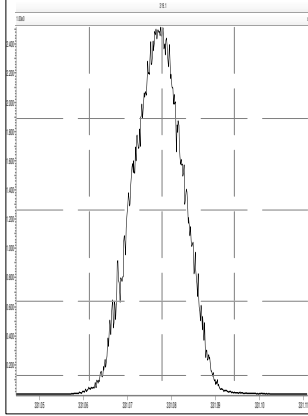
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Printed: Wednesday, February 19, 2020 13:40:36 Eastern Standard Time

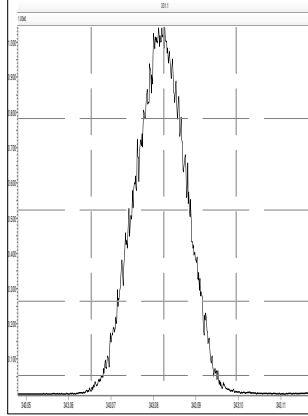
M 318.9792 R 13587



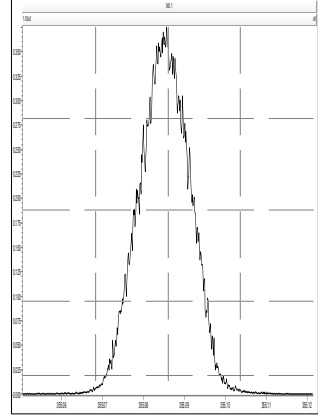
M 330.9792 R 13093



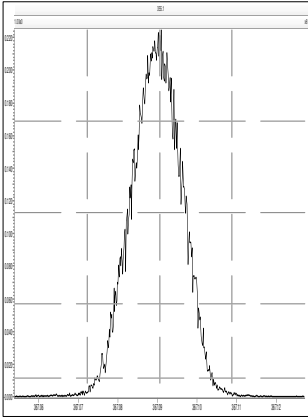
M 342.9792 R 12822



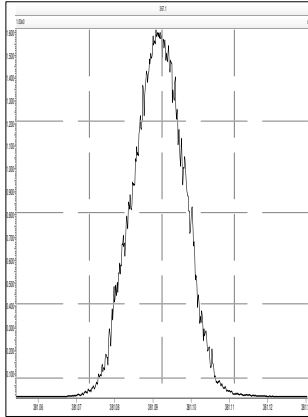
M 354.9792 R 12500



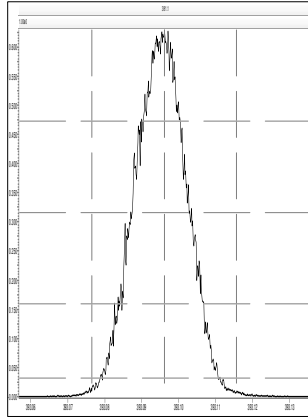
M 366.9792 R 12819



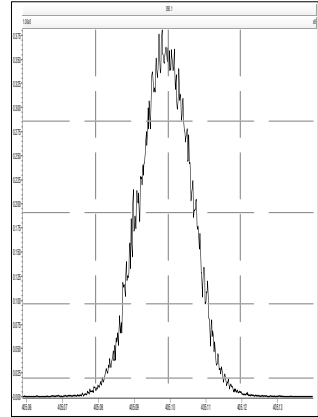
M 380.9760 R 12317



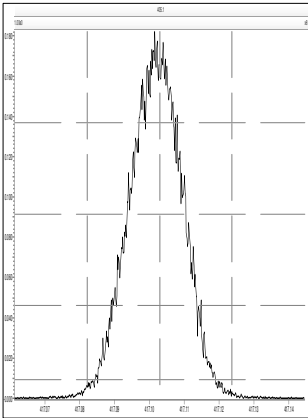
M 392.9760 R 12316



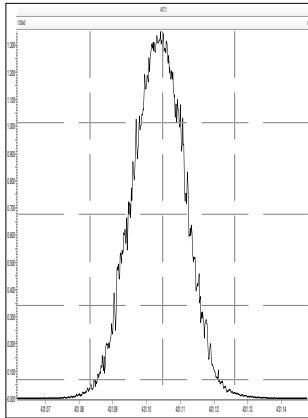
M 404.9760 R 12194



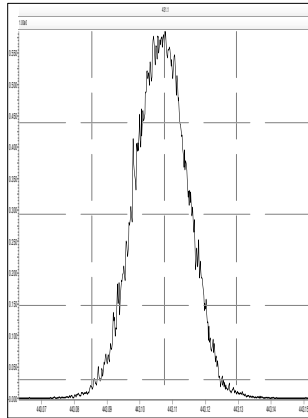
M 416.9760 R 12313



M 430.9728 R 11962



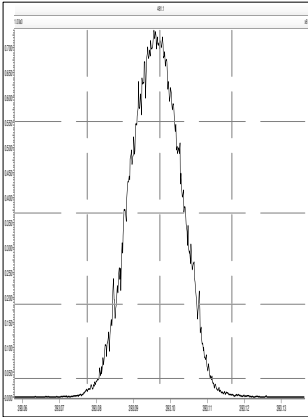
M 442.9728 R 12135



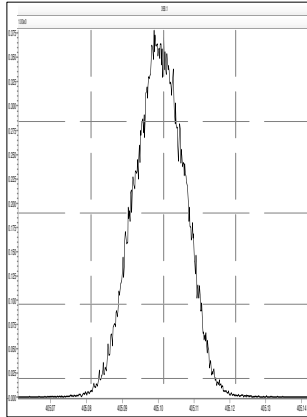
File: Experiment: 1668\_octyl\_1.exp Reference: Pfk.ref Function: 6 @ 200 (ppm)

Printed: Wednesday, February 19, 2020 13:40:55 Eastern Standard Time

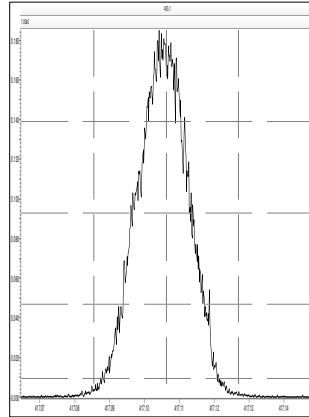
M 392.9760 R 12887



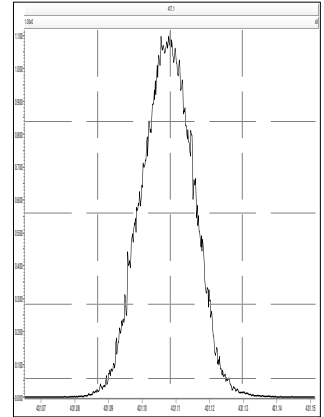
M 404.9760 R 12499



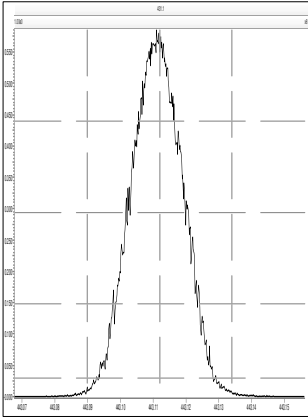
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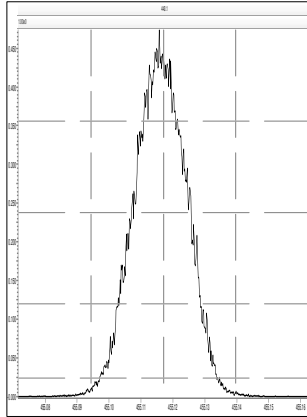
M 430.9728 R 12312



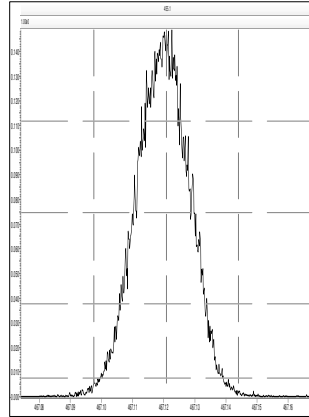
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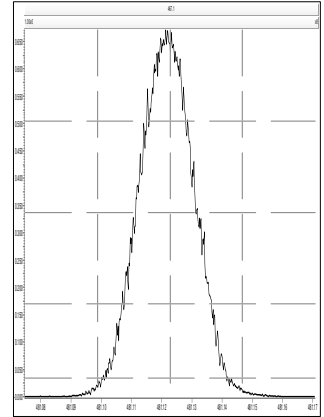
M 454.9728 R 12193



M 466.9728 R 11734



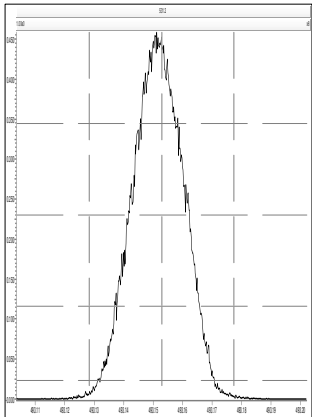
M 480.9696 R 11905



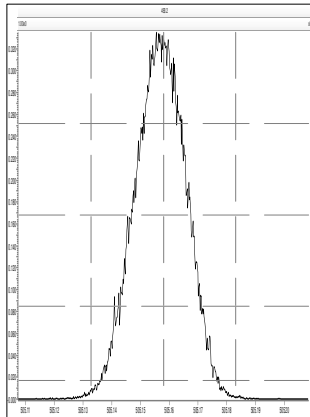
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Printed: Wednesday, February 19, 2020 13:41:09 Eastern Standard Time

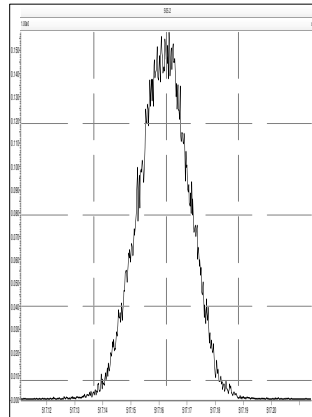
M 492.9696 R 12690



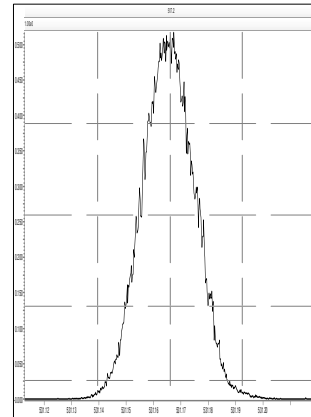
M 504.9696 R 12378



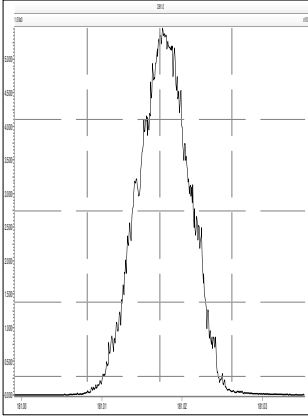
M 516.9697 R 12435



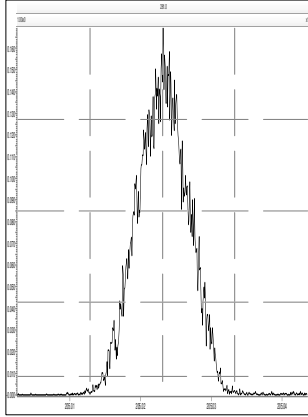
M 530.9664 R 11958



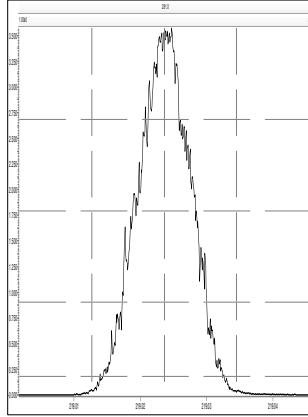
M 180.9888 R 12867



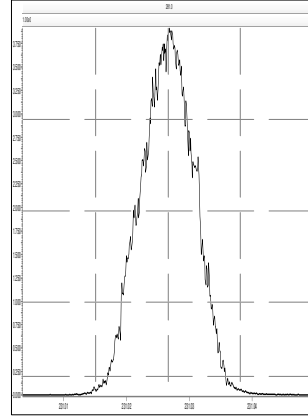
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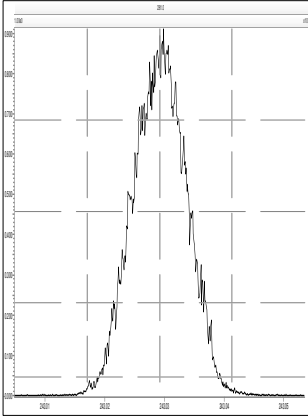
M 218.9856 R 12255



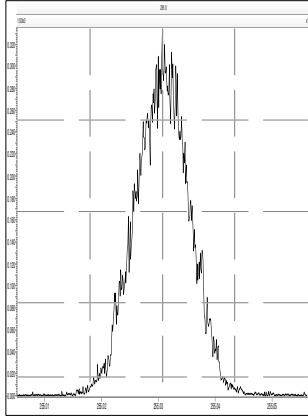
M 230.9856 R 11993



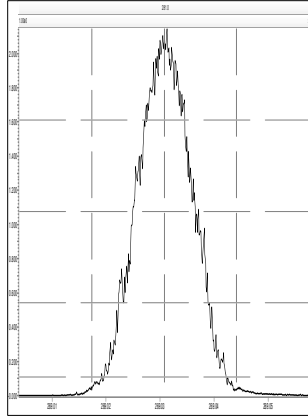
M 242.9856 R 11961



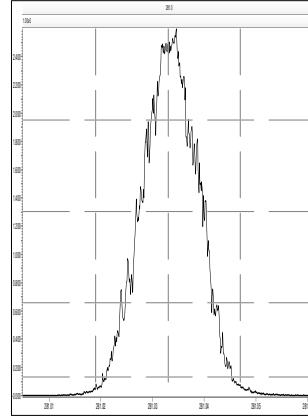
M 254.9856 R 11904



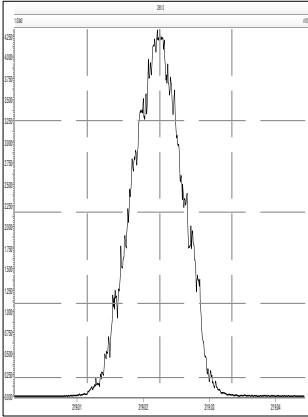
M 268.9824 R 11820



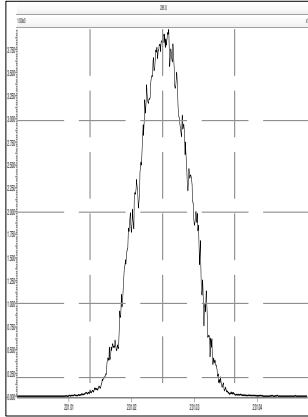
M 280.9824 R 11574



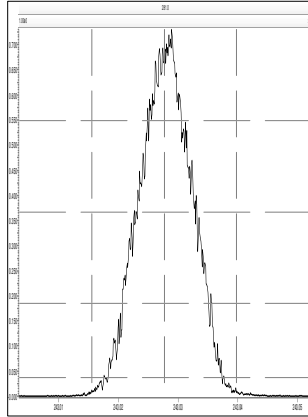
M 218.9856 R 12997



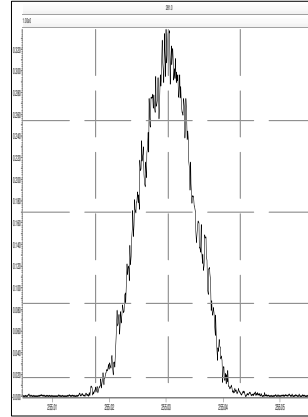
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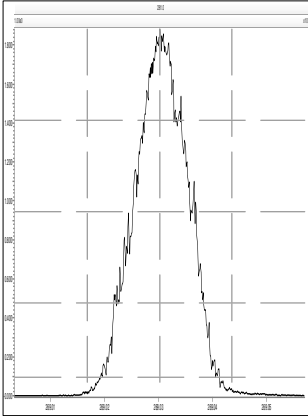
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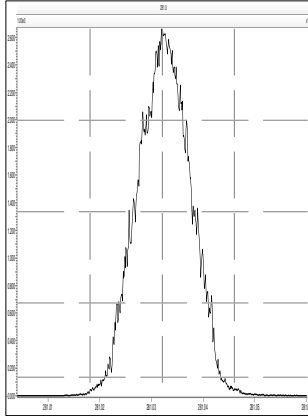
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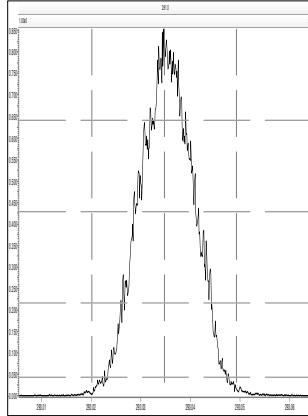
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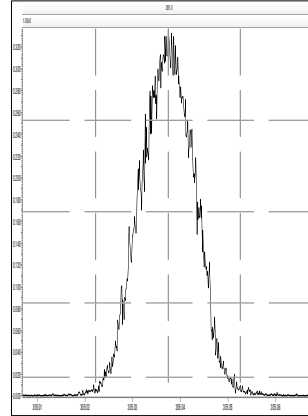
M 280.9824 R 12259



M 292.9824 R 12107

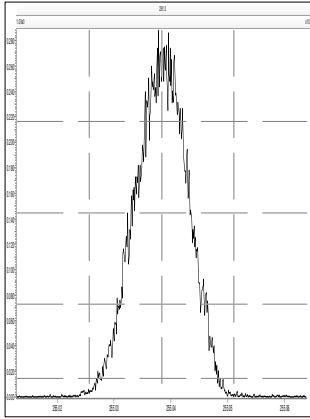


M 304.9824 R 11881

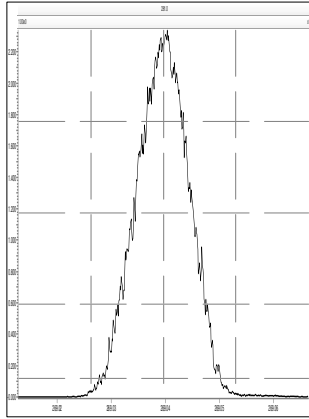




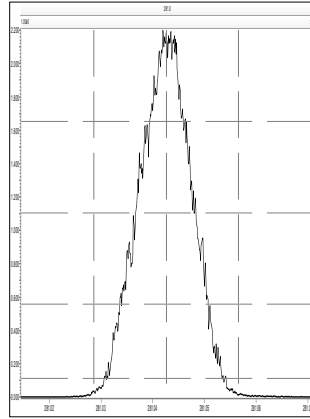
M 254.9856 R 12165



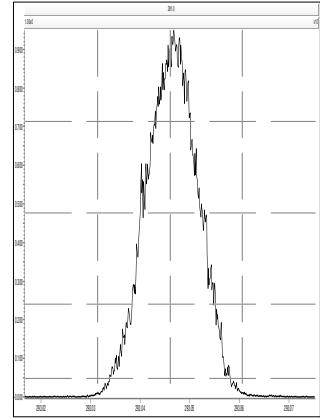
M 268.9824 R 12347



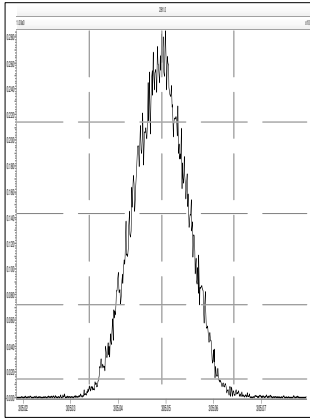
M 280.9824 R 12437



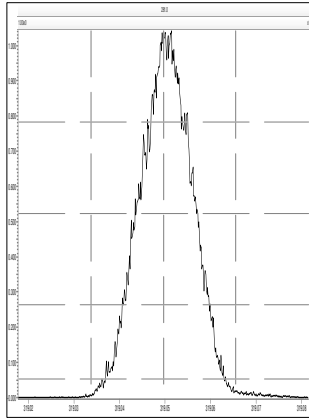
M 292.9824 R 12077



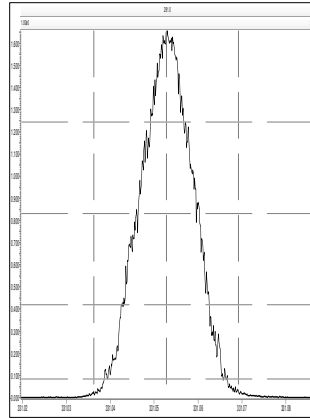
M 304.9824 R 12084



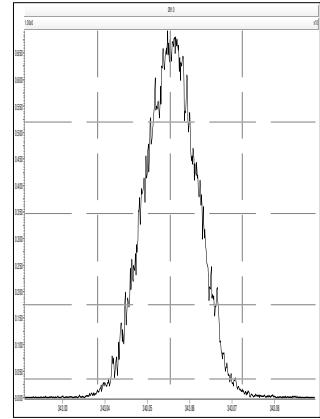
M 318.9792 R 12224



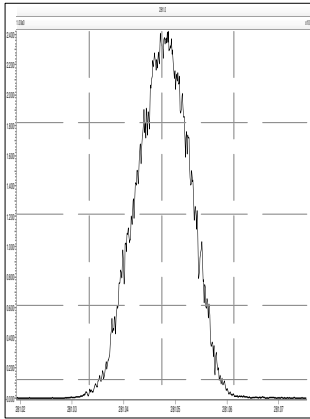
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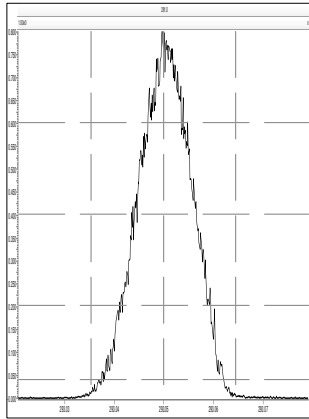
M 342.9792 R 12316



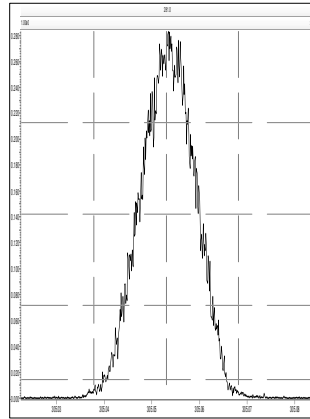
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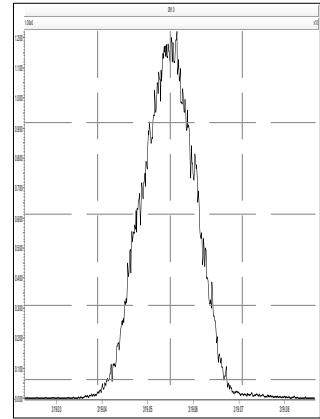
M 292.9824 R 11848



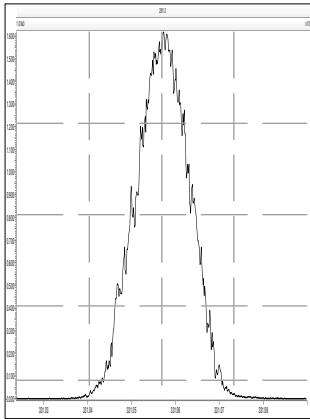
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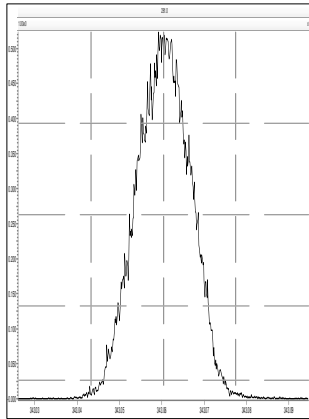
M 318.9792 R 12594



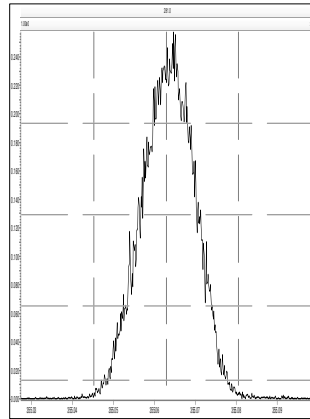
M 330.9792 R 12194



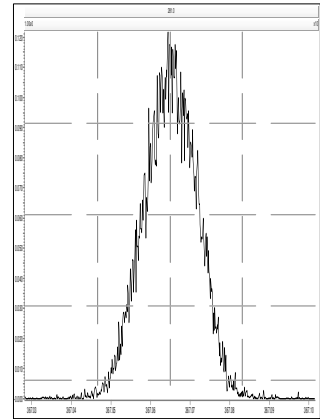
M 342.9792 R 12165



M 354.9792 R 12106

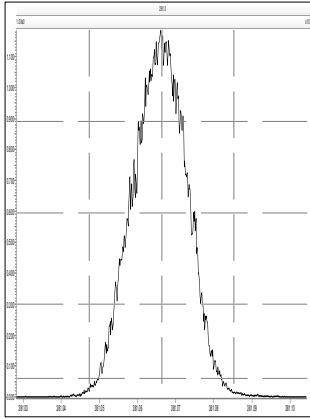


M 366.9792 R 12501

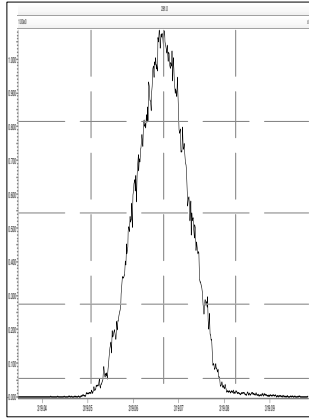


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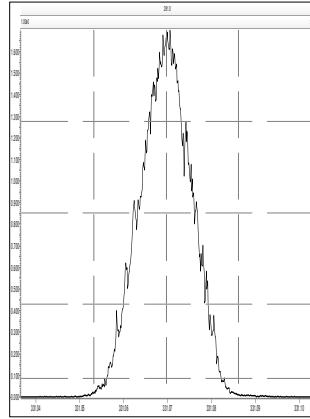
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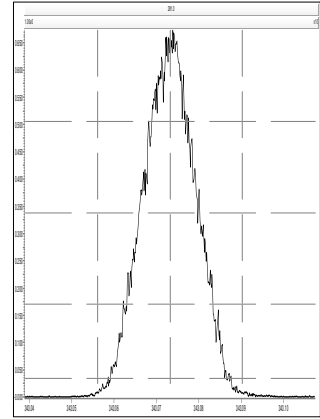
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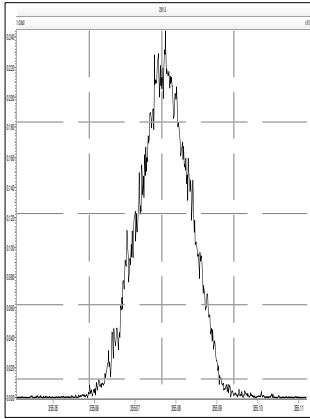
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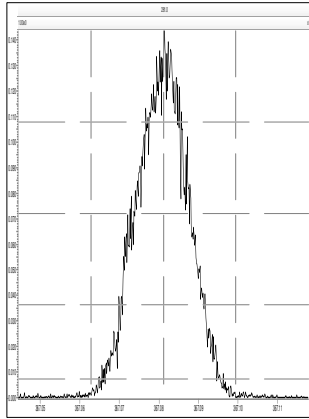
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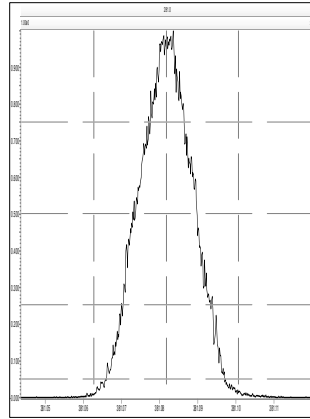
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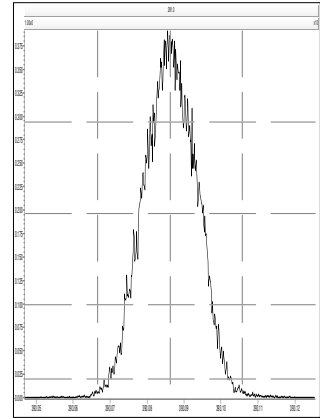
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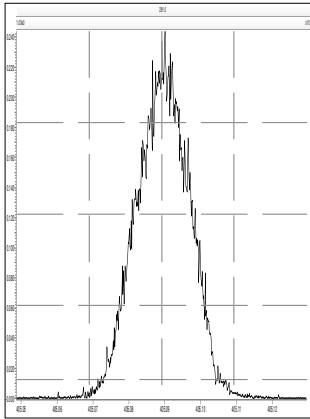
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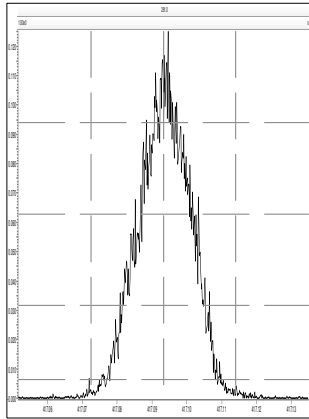
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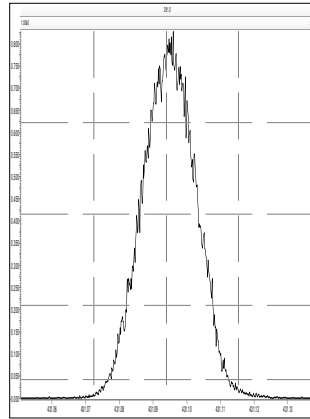
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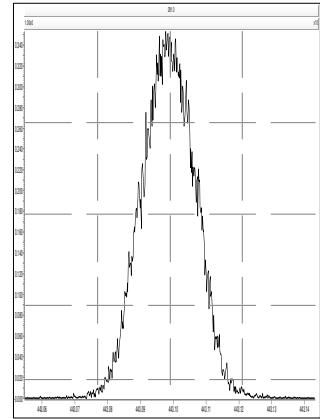
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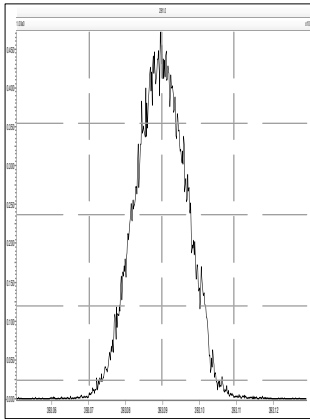
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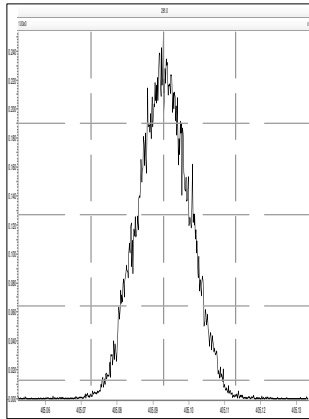
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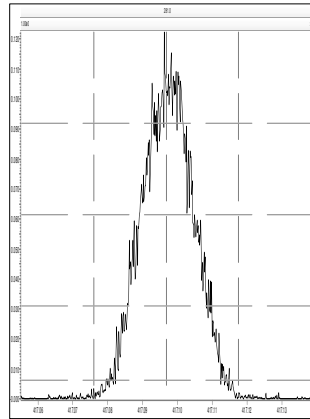
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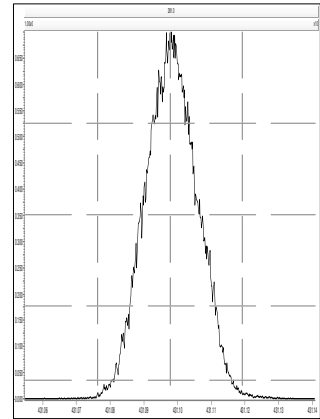
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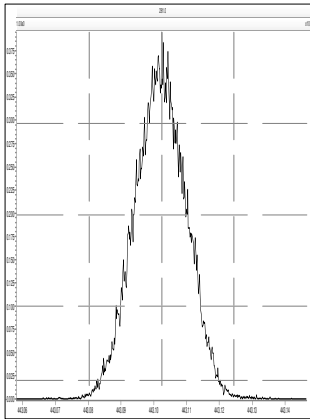
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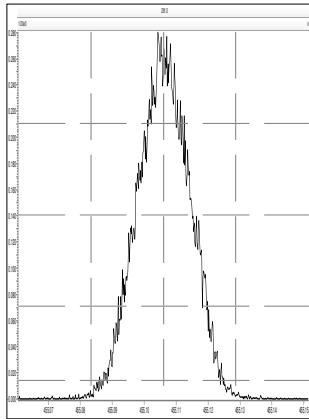
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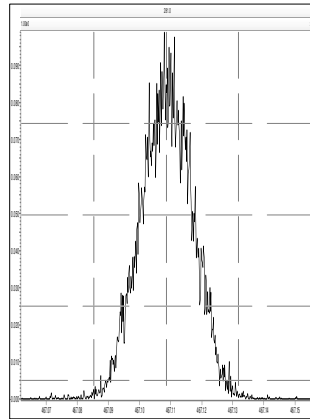
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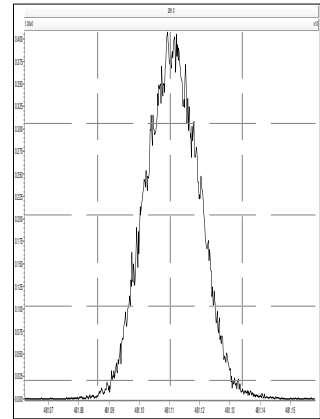
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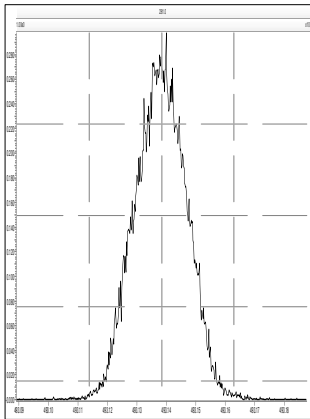
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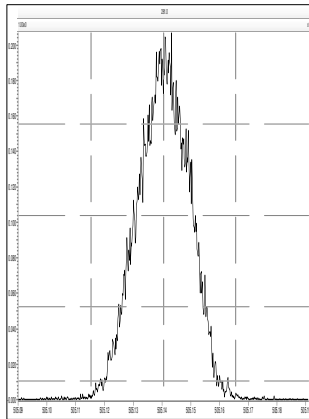
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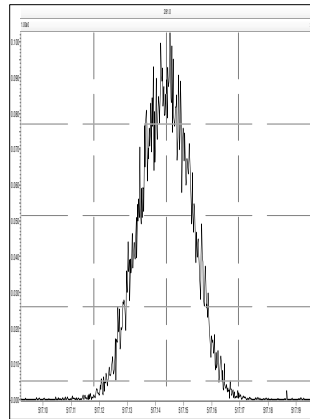
M 492.9696 R 12854



M 504.9696 R 12631



M 516.9697 R 13001



M 530.9664 R 12254

