LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012512.D
Acq On : 28 Oct 2017 07:16
Operator : SJ/JU
Sample : I5719-21 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.399	388	393	398	rVB	226758	317508	1.59%	0.134%
2	5.528	409	415	424	rBV	619164	1331901	6.66%	0.564%
3	5.899	472	478	487	rVB3	609981	946721	4.73%	0.401%
4	6.369	552	558	565	rBV5	171835	372187	1.86%	0.157%
5	6.516	573	583	586	rBV3	193461	368956	1.84%	0.156%
6	6.857	633	641	648	rBV2	399693	749455	3.75%	0.317%
7	6.963	655	659	664	rVV	310109	427526	2.14%	0.181%
8	7.034	664	671	678	rVV3	664682	1550038	7.75%	0.656%
9	7.098	678	682	688	rVB	394027	586458	2.93%	0.248%
10	7.198	694	699	705	rVB	379114	603470	3.02%	0.255%
11	7.263	705	710	714	rBV	230318	375485	1.88%	0.159%
12	7.404	729	734	744	rVB	446089	783693	3.92%	0.332%
13	7.516	744	753	762	rVB2	1126496	2708452	13.54%	1.146%
14	7.869	804	813	819	rBV	2372556	4035378	20.17%	1.708%
15	8.004	829	836	842	rBV2	752067	1584020	7.92%	0.670%
16	8.157	858	862	870	rVB3	169539	306224	1.53%	0.130%
17	8.416	900	906	911	rVB2	257392	494481	2.47%	0.209%
18	8.510	917	922	928	rBV3	413717	777868	3.89%	0.329%
19	8.569	928	932	939	rVB	565273	916477	4.58%	0.388%
20	8.975	990	1001	1005	rBV2	500458	954068	4.77%	0.404%
21	9.022	1005	1009	1014	rVV	391374	639435	3.20%	0.271%
22	9.098	1017	1022	1027	rVB	673358	996042	4.98%	0.421%
23	9.222	1032	1043	1050	rBV6	201340	556333	2.78%	0.235%
24	9.745	1125	1132	1137	rBV2	421989	775643	3.88%	0.328%
25	9.851	1145	1150	1158	rBV7	152289	385552	1.93%	0.163%
26	10.069	1182	1187	1193	rBV2	174345	321840	1.61%	0.136%
27	10.281	1219	1223	1231	rVB	519987	909406	4.54%	0.385%
28	10.363	1231	1237	1244	rBV	180967	301218	1.51%	0.127%
29	10.581	1261	1274	1278	rBV3	159651	403176	2.01%	0.171%
30	10.663	1278	1288	1293	rBV	2969272	5313655	26.55%	2.249%
31	10.710	1293	1296	1304	rVB	653474	1049689	5.25%	0.444%
32	10.792	1304	1310	1315	rBV	252985	495586	2.48%	0.210%
33	12.322	1564	1570	1576	rVB	477514	775918	3.88%	0.328%
34	12.539	1602	1607	1613	rBV	260823	431754	2.16%	0.183%

LSC Area Percent Report

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Acq On : 28 Oct 2017 07:16
Operator : SJ/JU
Sample : I5719-21 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

35	13.333	1737	1742	1749	rVB	220735	360039	1.80%	0.152%
36	13.533	1771	1776	1786	rVB2	159154	324157	1.62%	0.137%
37	13.822	1820	1825	1830	rBV2	294496	473816	2.37%	0.200%
38	13.904	1835	1839	1844	rVV	853218	1319481	6.59%	0.558%
39	13.951	1844	1847	1851	rVV	447445	586328	2.93%	0.248%
40	14.192	1882	1888	1899	rBV	998034	1625782	8.12%	0.688%
41	14.498	1931	1940	1946	rVV2	3944408	6304231	31.51%	2.668%
42	14.563	1946	1951	1959	rVB	992403	1461856	7.31%	0.619%
43	14.698	1969	1974	1985	rVB2	294948	606510	3.03%	0.257%
44	14.898	2003	2008	2015	rVB	1091998	1610209	8.05%	0.681%
45	15.492	2103	2109	2113	rVB	1219058	1658778	8.29%	0.702%
46	15.545	2113	2118	2125	rBV	1329300	1824758	9.12%	0.772%
47	15.845	2164	2169	2176	rVB2	463138	944994	4.72%	0.400%
48	15.986	2188	2193	2201	rVB	370094	773235	3.86%	0.327%
49	16.239	2228	2236	2245	rVB2	338245	771977	3.86%	0.327%
50	16.551	2286	2289	2293	rVB2	235914	325648	1.63%	0.138%
51	16.774	2320	2327	2331	rBV3	189656	407952	2.04%	0.173%
52	16.898	2344	2348	2355	rVB2	306590	465188	2.32%	0.197%
53	16.974	2357	2361	2363	rBV2	190393	304429	1.52%	0.129%
54	17.057	2371	2375	2385	rVB	921193	1435897	7.18%	0.608%
55	17.245	2400	2407	2410	rBV2	4401426	6789912	33.93%	2.873%
56	17.286	2410	2414	2419	rVV	13642817	18226460	91.09%	7.713%
57	17.339	2419	2423	2425	rVV2	1330882	1779398	8.89%	0.753%
58	17.374	2425	2429	2434	rVV	3551954	4792575	23.95%	2.028%
59	17.427	2434	2438	2444	rVV3	198491	347034	1.73%	0.147%
60	17.639	2470	2474	2479	rBV	698572	997942	4.99%	0.422%
61	18.115	2550	2555	2559	rBV	1411677	2116495	10.58%	0.896%
62	18.162	2559	2563	2571	rVB	1963942	2756394	13.77%	1.166%
63	18.245	2572	2577	2582	rBV	771190	1074240	5.37%	0.455%
64	18.310	2582	2588	2592	rVV2	1707387	3267470	16.33%	1.383%
65	18.345	2592	2594	2600	rVB	900446	1104936	5.52%	0.468%
66	18.615	2635	2640	2644	rBV	1080600	1456472	7.28%	0.616%
67	18.657	2644	2647	2652	rVB2	412653	549711	2.75%	0.233%
68	18.862	2678	2682	2686	rVV	413513	500311	2.50%	0.212%
69	18.910	2687	2690	2693	rVV	309836	375185	1.87%	0.159%
70	18.951	2693	2697	2701	rVB	282122	384062	1.92%	0.163%
71	19.033	2706	2711	2715	rBV	779024	1243877	6.22%	0.526%

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Sample : I5719-21 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

72	19.168	2730	2734	2742	rBV2	587222	1000324	5.00%	0.423%
73	19.298	2750	2756	2762	rBV	15072626	20010149	100.00%	8.467%
74	19.357	2763	2766	2769	rVV	300376	352812	1.76%	0.149%
75	19.392	2769	2772	2778	rVB3	281128	437444	2.19%	0.185%
76	19.539	2793	2797	2800	rBV	495412	654033	3.27%	0.277%
77	19.627	2807	2812	2814	rBV3	3583759	5247474	26.22%	2.221%
78	19.657	2814	2817	2825	rVV	12591550	17086580	85.39%	7.230%
79	19.727	2825	2829	2835	rVB2	664930	1028738	5.14%	0.435%
80	19.833	2843	2847	2853	rVB	650511	894836	4.47%	0.379%
81	19.986	2866	2873	2879	rBV3	804008	2149500	10.74%	0.910%
82	20.115	2891	2895	2896	rBV2	461990	591728	2.96%	0.250%
83	20.151	2897	2901	2906	rVB	1592545	2257521	11.28%	0.955%
84	20.251	2914	2918	2922	rBV	1178401	1403936	7.02%	0.594%
85	20.309	2922	2928	2932	rVV2	1075739	1822412	9.11%	0.771%
86	20.445	2948	2951	2955	rBV	656056	881708	4.41%	0.373%
87	20.492	2956	2959	2963	rVB	701254	896612	4.48%	0.379%
88	20.892	3024	3027	3034	rVB	729768	1039126	5.19%	0.440%
89	21.062	3053	3056	3059	rVB	768731	876218	4.38%	0.371%
90	21.098	3059	3062	3065	rBV	947647	1061992	5.31%	0.449%
91	21.139	3066	3069	3073	rVB2	843202	1229321	6.14%	0.520%
92	21.403	3108	3114	3119	rBV3	9289773	18589948	92.90%	7.867%
93	21.451	3119	3122	3131	rVB	6603380	8410316	42.03%	3.559%
94	21.568	3139	3142	3149	rVB	899548	1322845	6.61%	0.560%
95	21.727	3166	3169	3174	rVB2	844664	1112966	5.56%	0.471%
96	23.027	3384	3390	3395	rBV	5567174	12662198	63.28%	5.358%
97	23.521	3469	3474	3479	rBV	2794166	4877545	24.38%	2.064%
98	23.615	3485	3490	3498	rVB	4744380	9073978	45.35%	3.840%
99	23.721	3502	3508	3513	rBV	3457755	6746206	33.71%	2.855%
100	26.062	3899	3906	3917	rVB	2710123	7705731	38.51%	3.261%

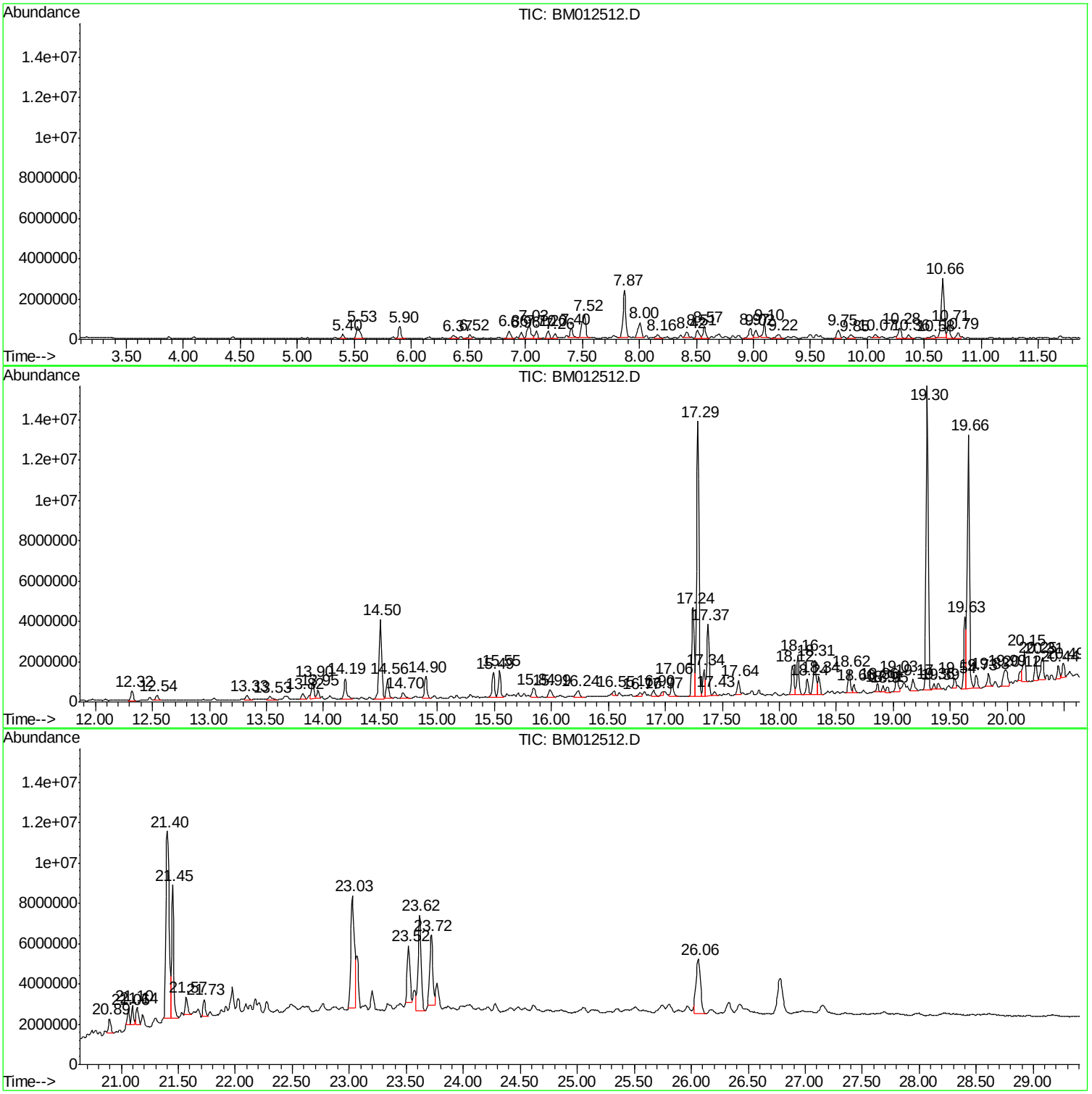
Sum of corrected areas: 236317549

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012512.D
Acq On : 28 Oct 2017 07:16
Operator : SJ/JU
Sample : I5719-21 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DUP-3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Sample : I5719-21 5X
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Instrument : BNA_M
ClientSampleId : DUP-3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

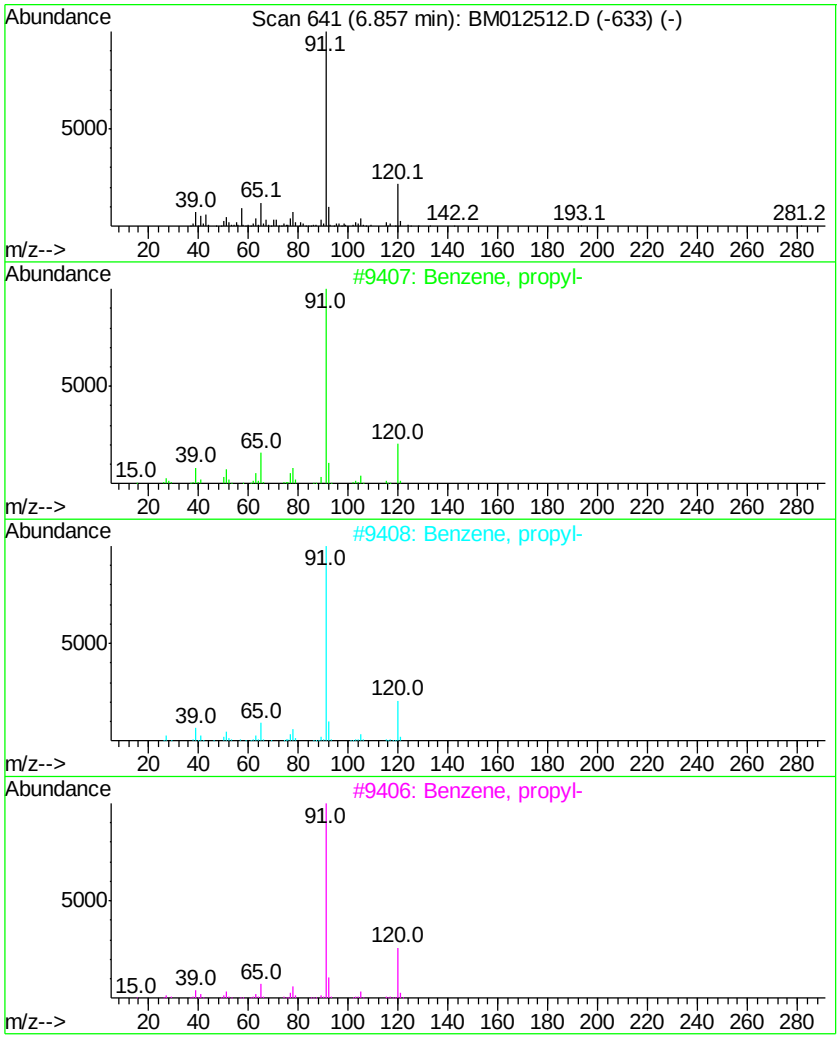
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

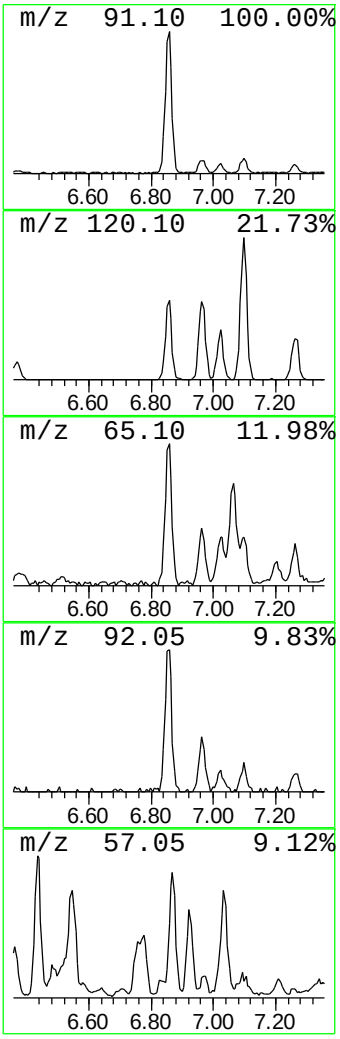
****

Peak Number 3 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	3.71 ng/ul	749455	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	74
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	59
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012512.D
Acq On : 28 Oct 2017 07:16
Operator : SJ/JU
Sample : I5719-21 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

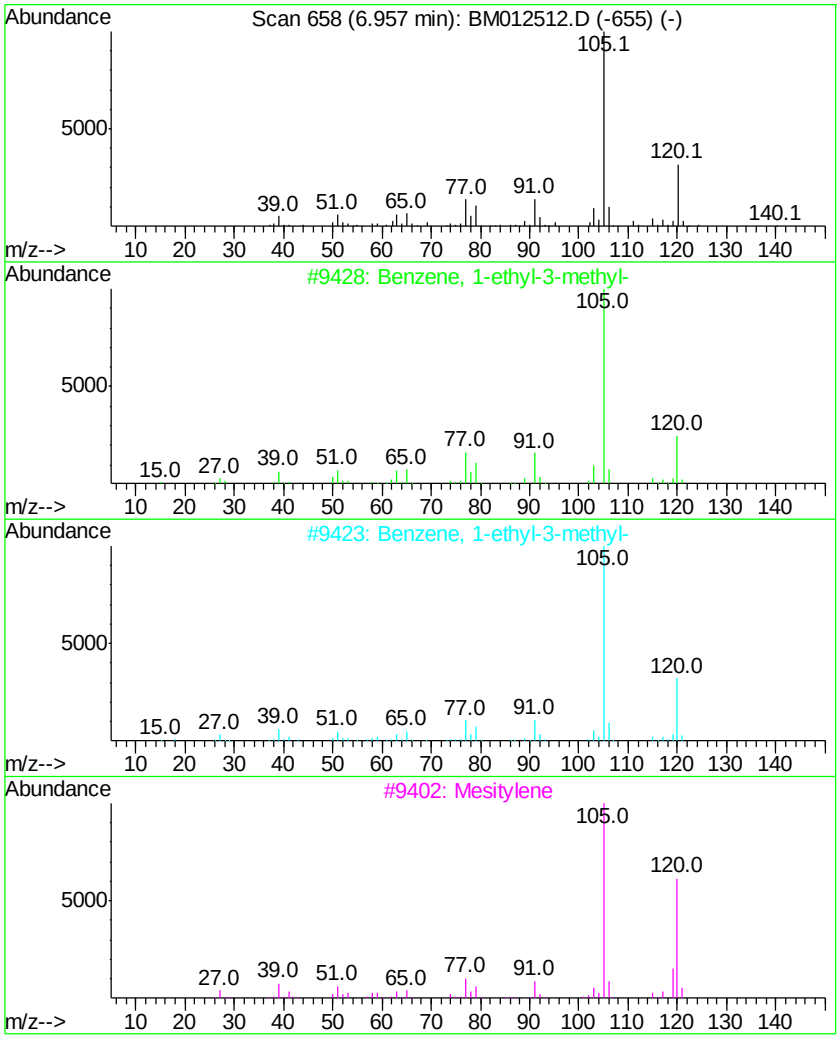
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

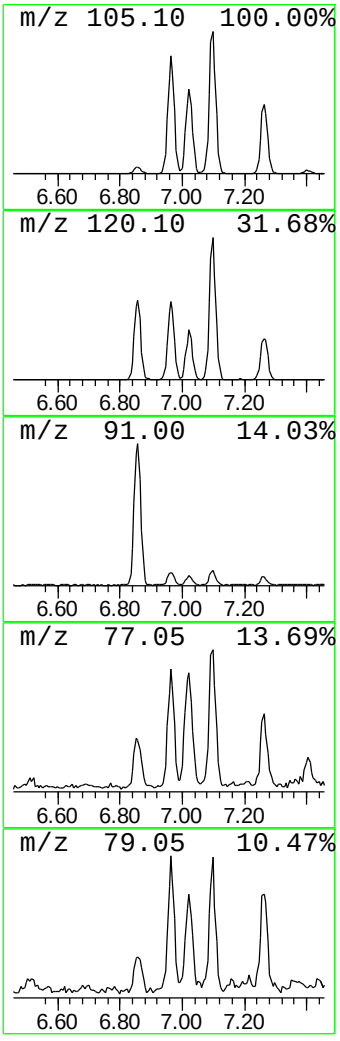
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	2.12 ng/ul	427526	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Data File : BM012512.D
Acq On : 28 Oct 2017 07:16
Operator : SJ/JU
Sample : I5719-21 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

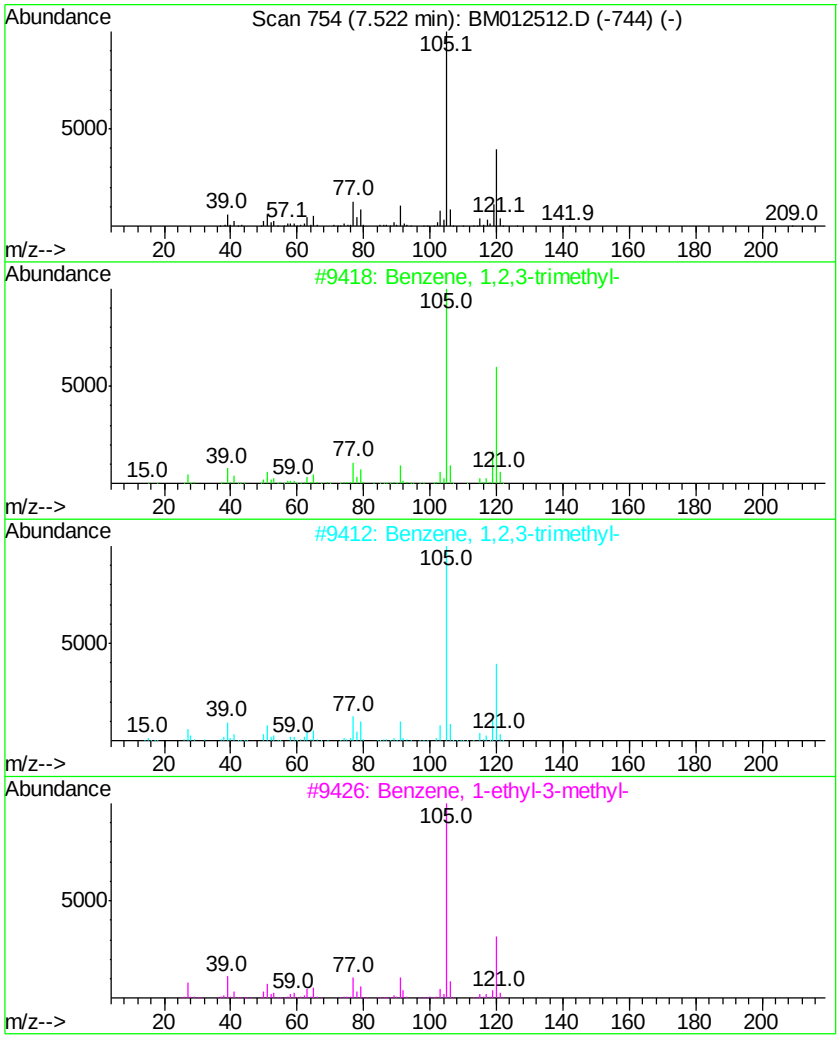
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

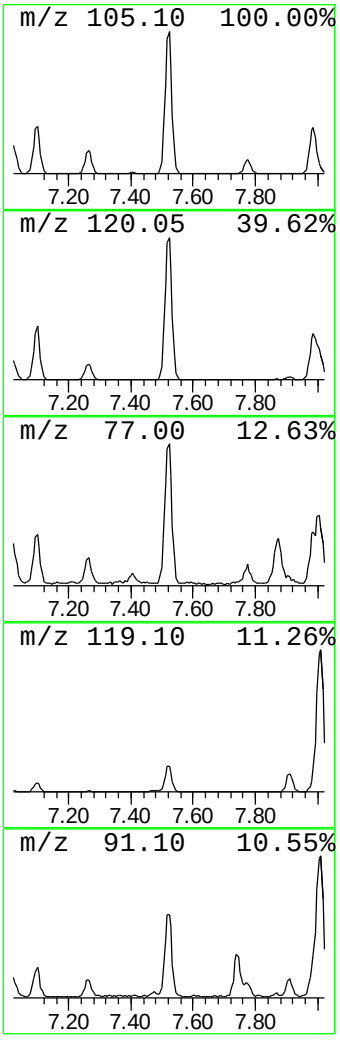
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	13.42 ng/ul	2708450	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

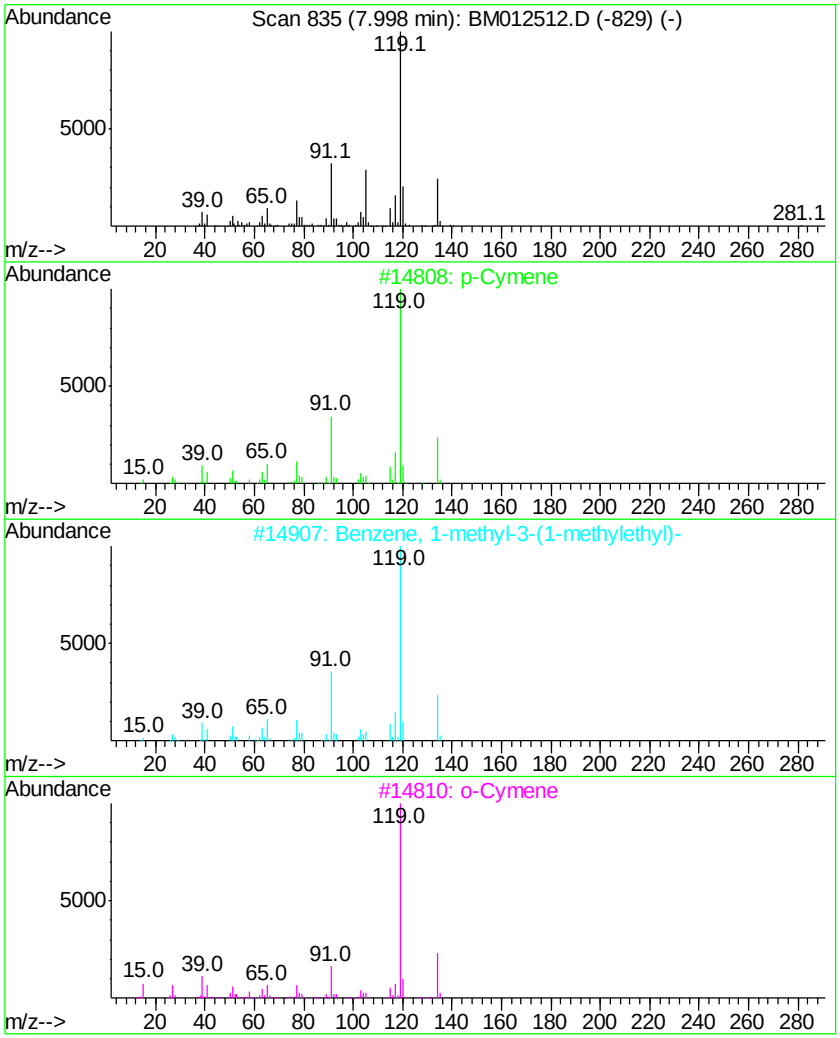
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

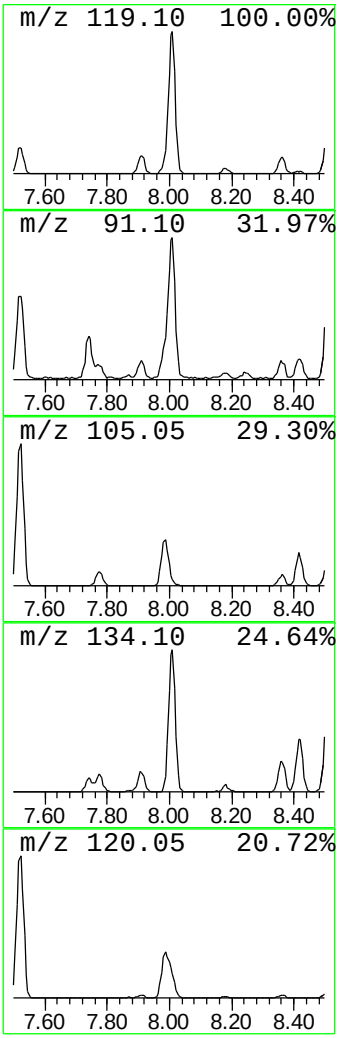
****

Peak Number 6 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	7.85 ng/ul	1584020	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
3	o-Cymene	134	C10H14	000527-84-4	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012512.D
Acq On : 28 Oct 2017 07:16
Operator : SJ/JU
Sample : I5719-21 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-3

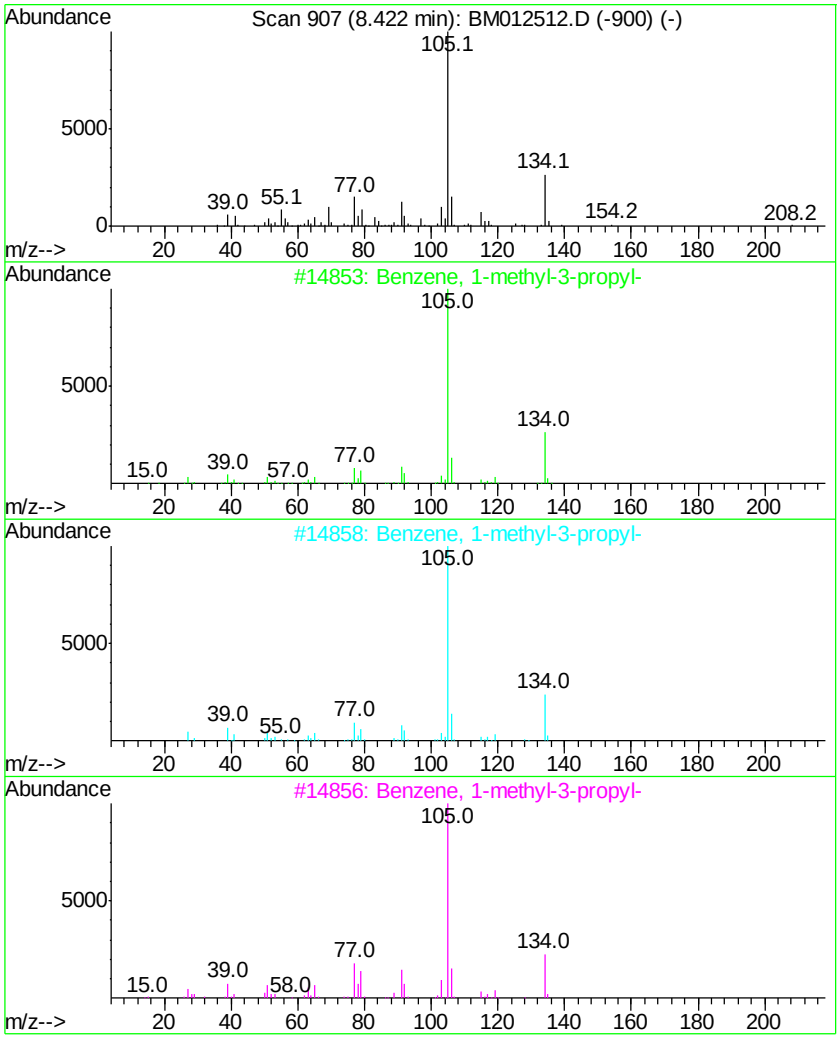
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

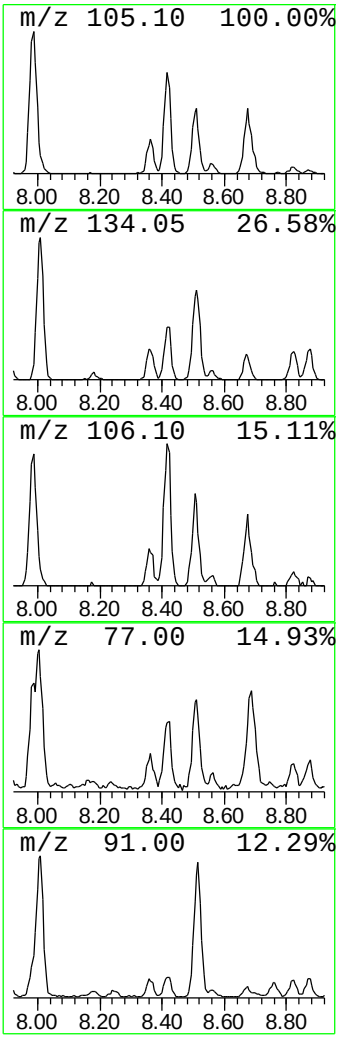
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-methyl-3-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	2.45 ng/ul	494481	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87





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Operator : SJ/JU
Sample : I5719-21 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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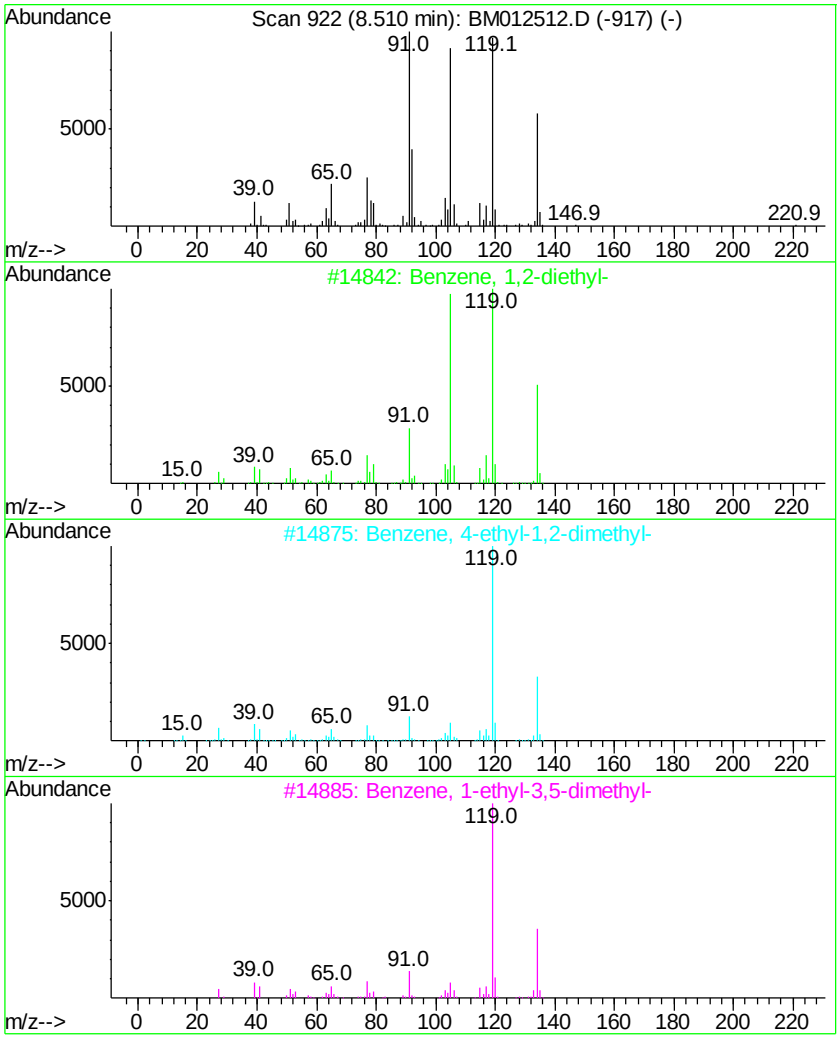
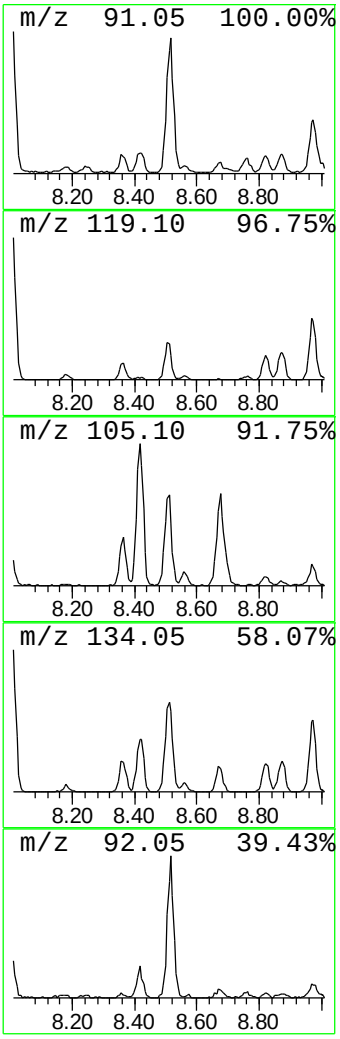
Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	3.86 ng/ul	777868	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83





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Sample : I5719-21 5X
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ClientSampleId : DUP-3

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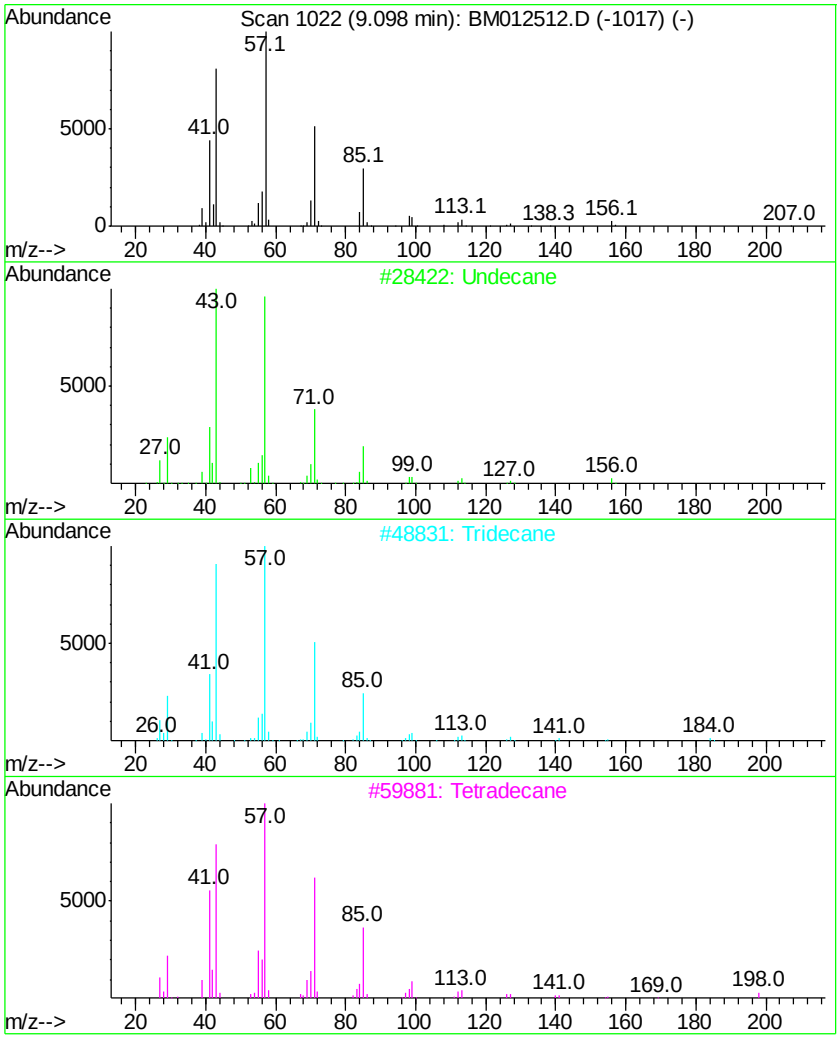
Quant Title : SVOA CALIBRATION

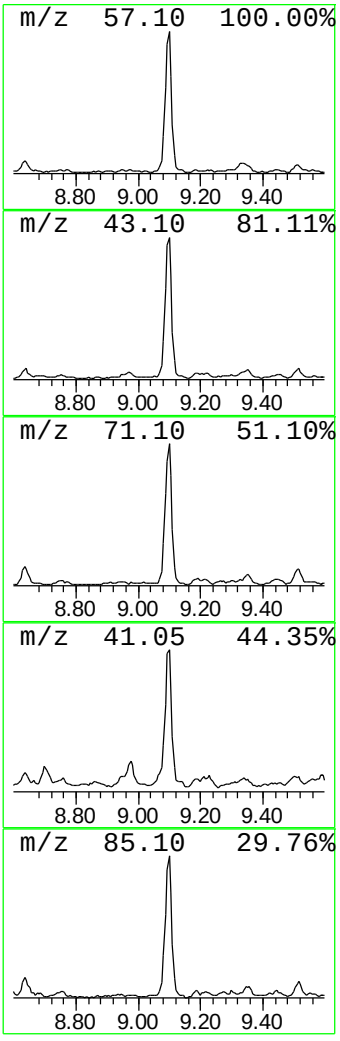
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	4.94 ng/ul	996042	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Tridecane	184	C13H28	000629-50-5	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Hexadecane	226	C16H34	000544-76-3	78





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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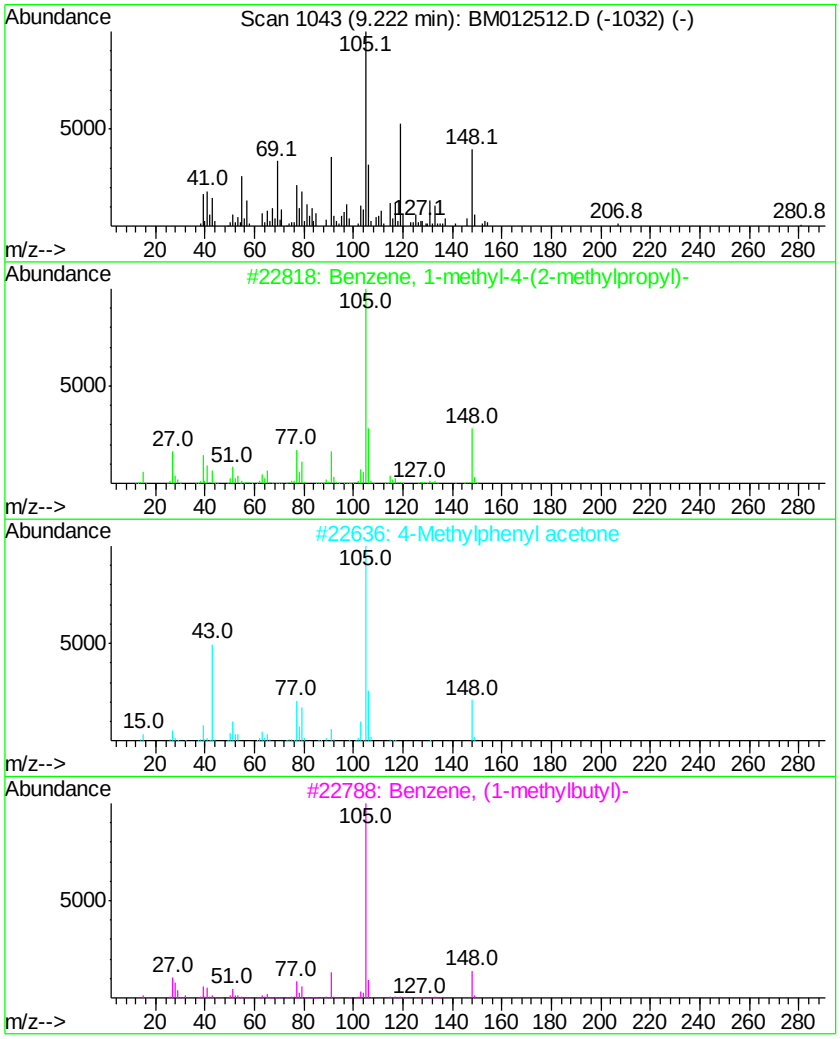
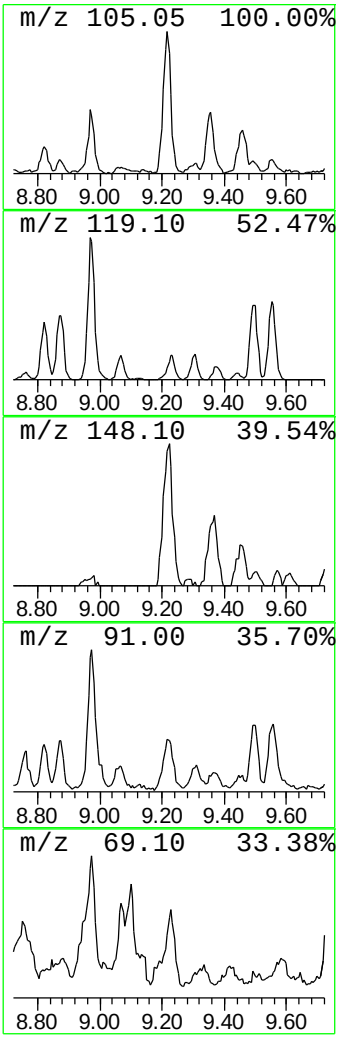
Peak Number 10 Benzene, 1-methyl-4-(2-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	2.76 ng/ul	556333	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	53
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	49
3	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	46
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	43
5	2-Methylindan-2-ol	148	C10H12O	033223-84-6	43





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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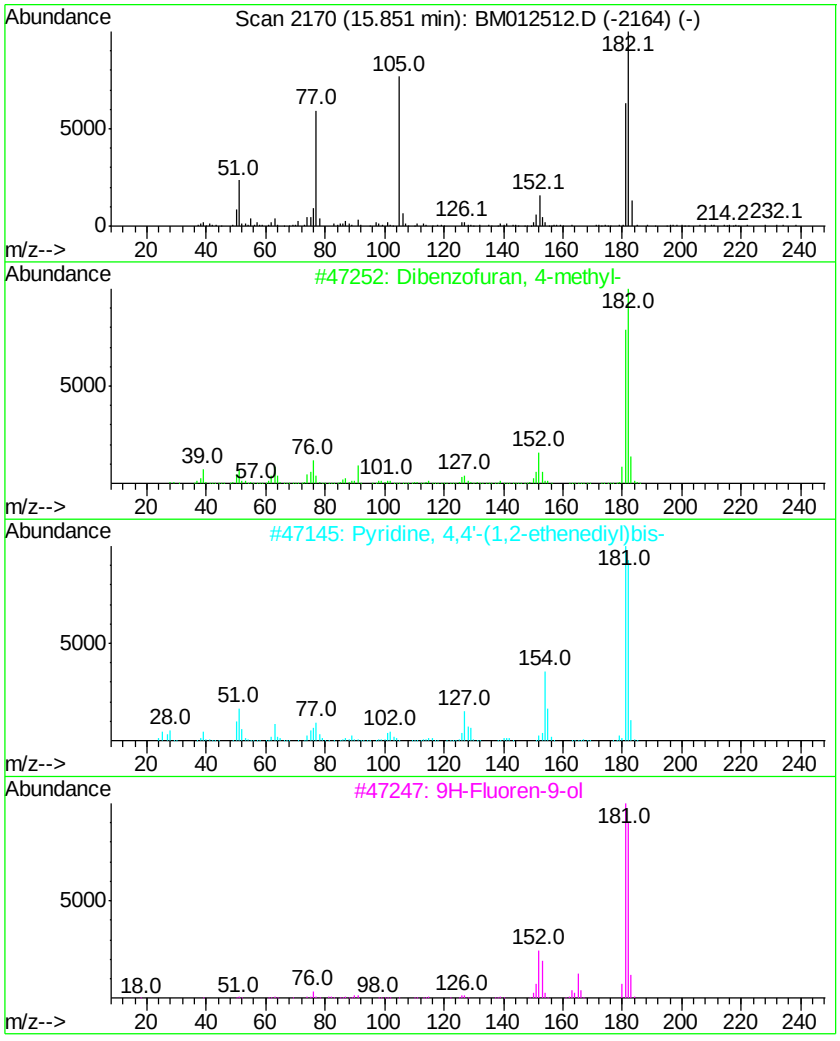
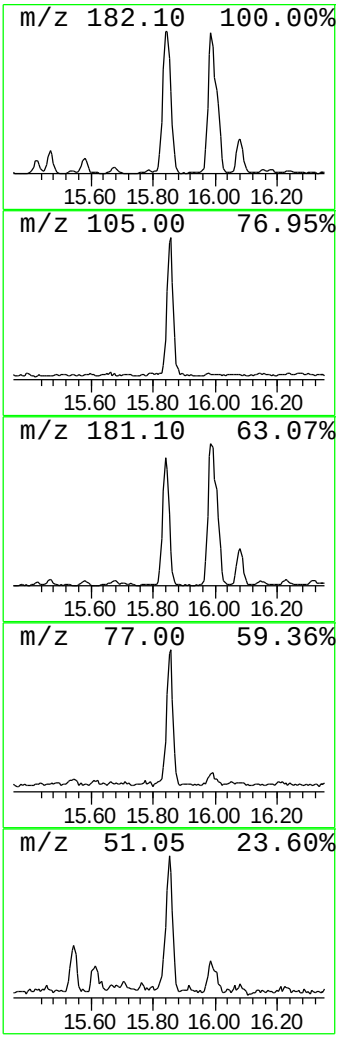
Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	3.00 ng/ul	944994	Acenaphthene-d10	14.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	74
2	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	59





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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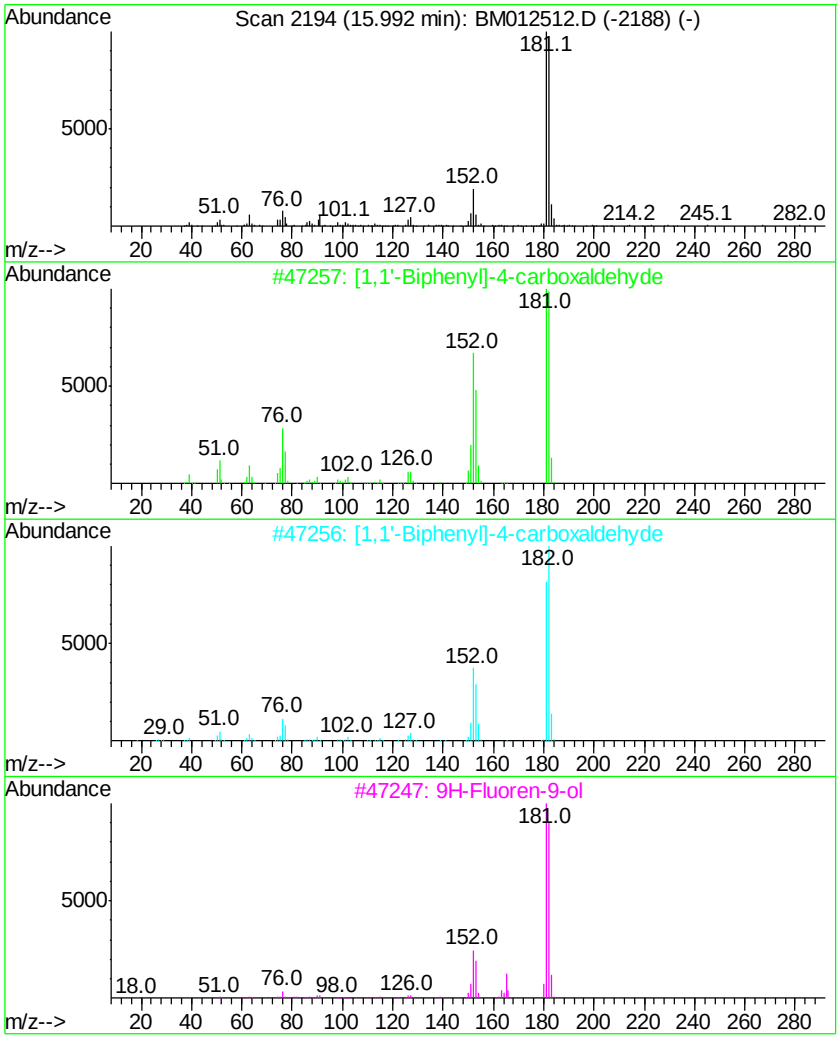
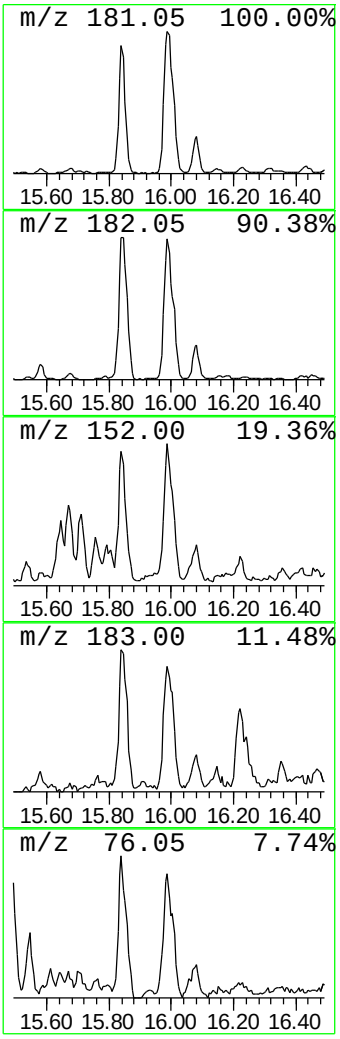
Peak Number 12 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.28 ng/ul	773235	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





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Instrument : BNA_M
ClientSampleId : DUP-3

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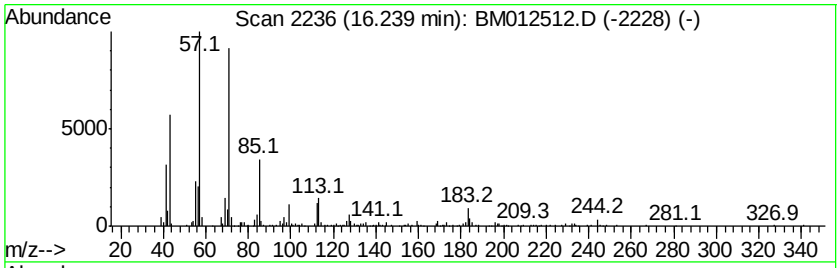
Quant Title : SVOA CALIBRATION

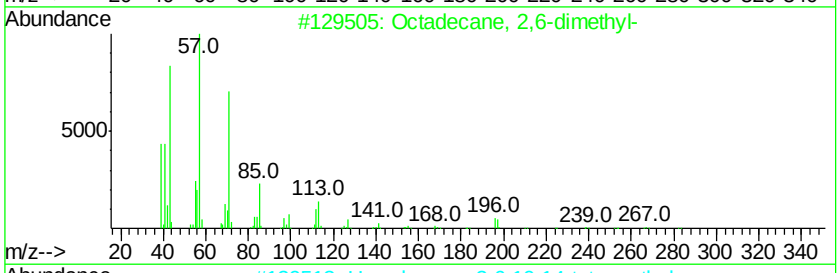
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

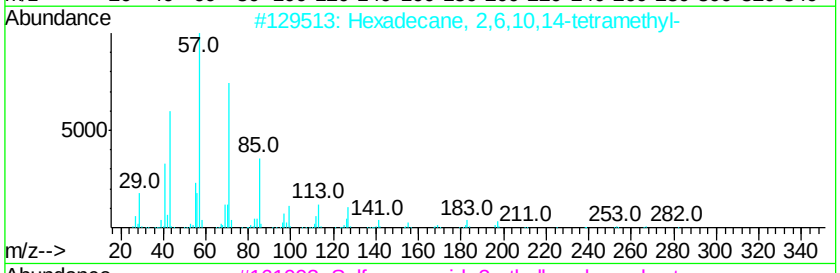
****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 23

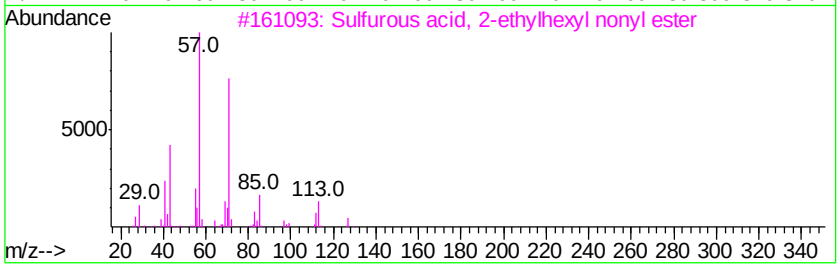
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	2.27 ng/ul	771977	Phenanthrene-d10	17.24

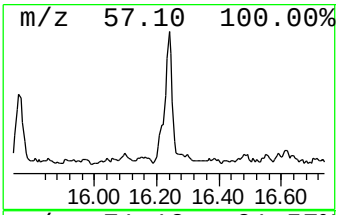
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	62

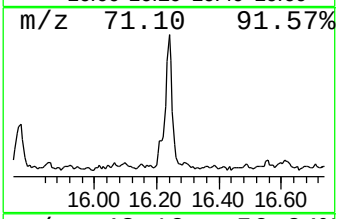


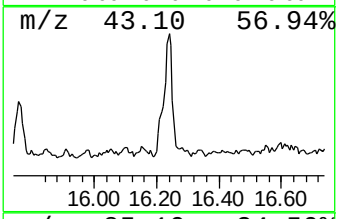


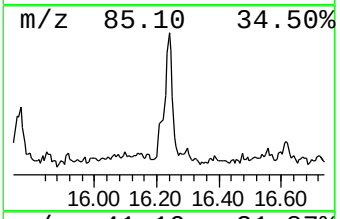


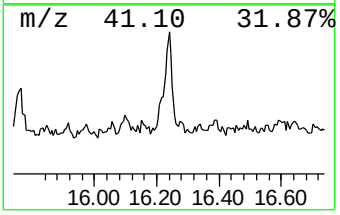












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Sample : I5719-21 5X
Misc :
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Instrument : BNA_M
ClientSampleId : DUP-3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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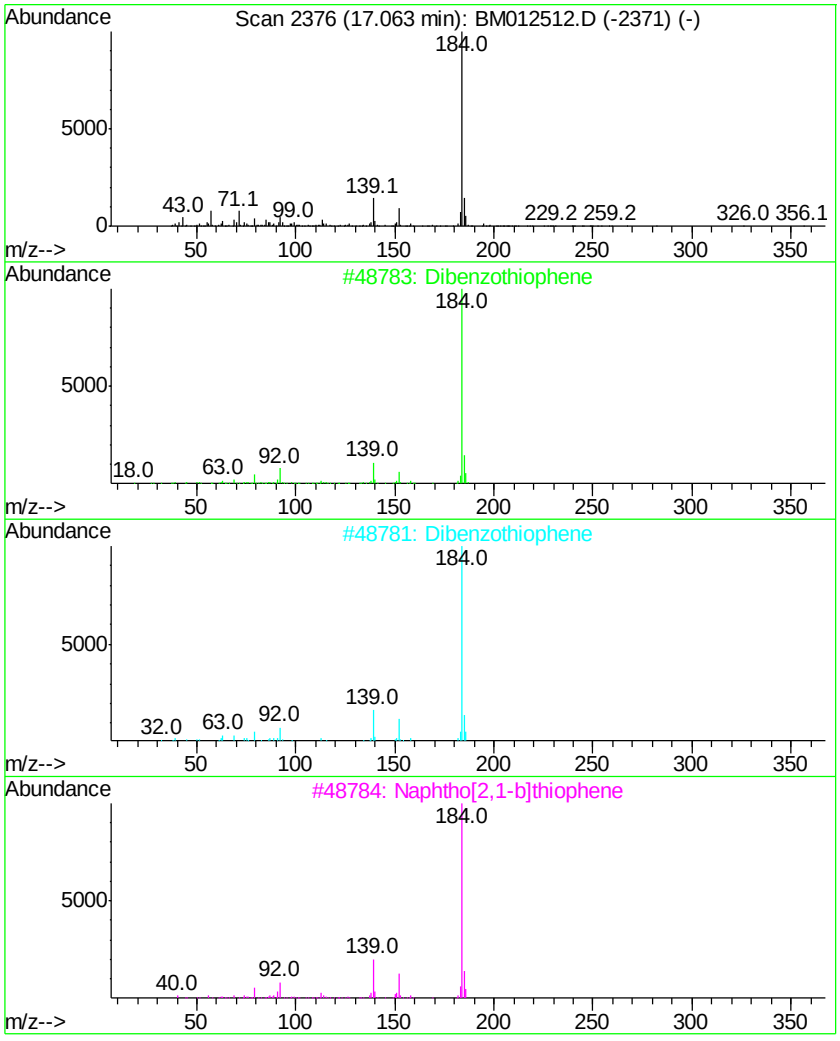
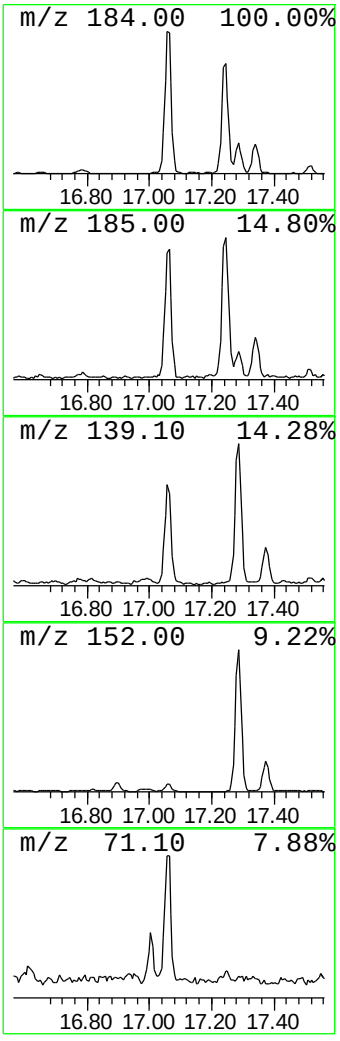
Peak Number 14 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	4.23 ng/ul	1435900	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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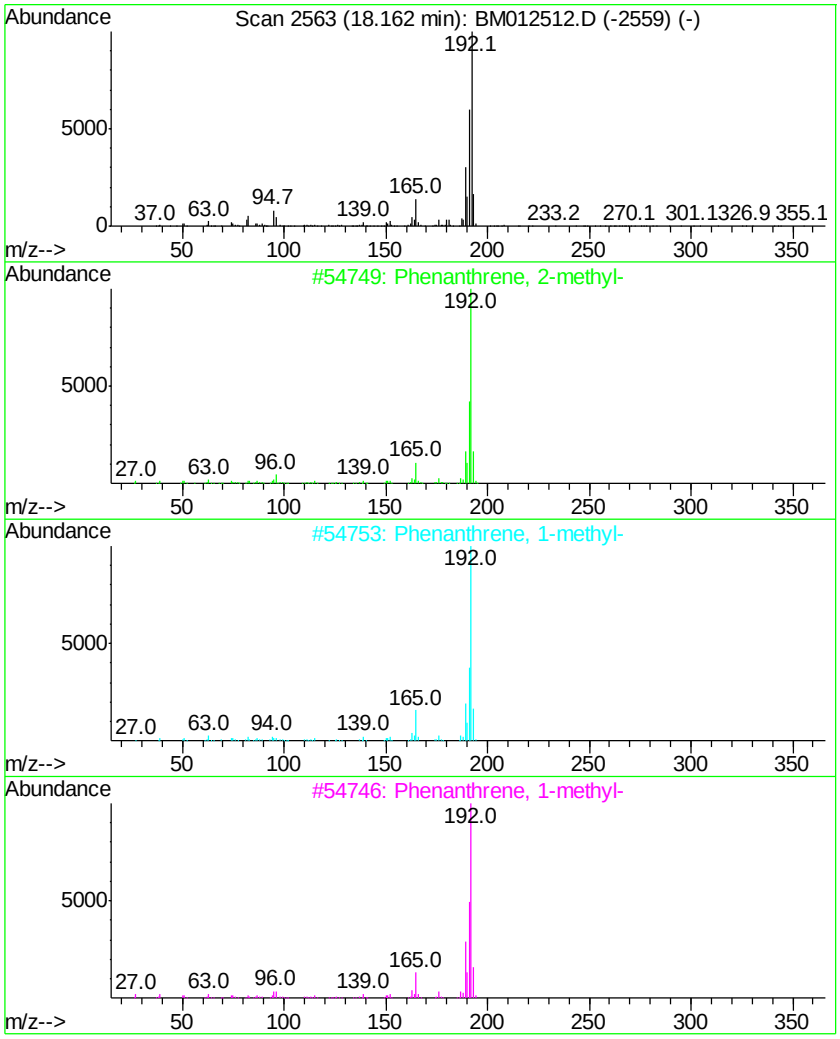
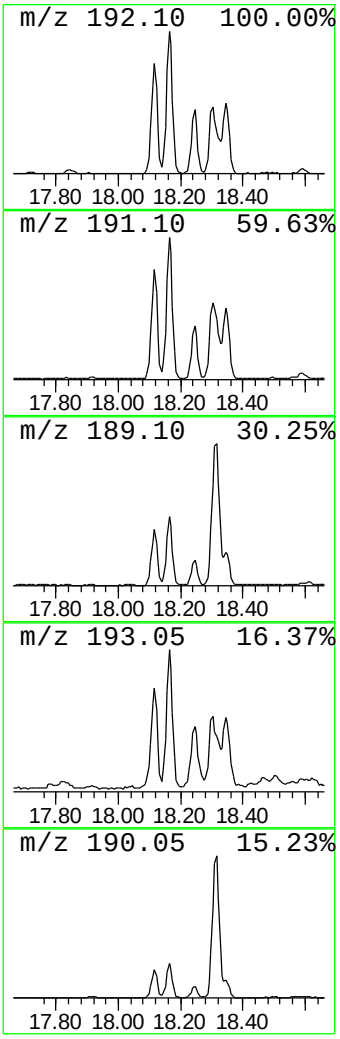
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	8.12 ng/ul	2756390	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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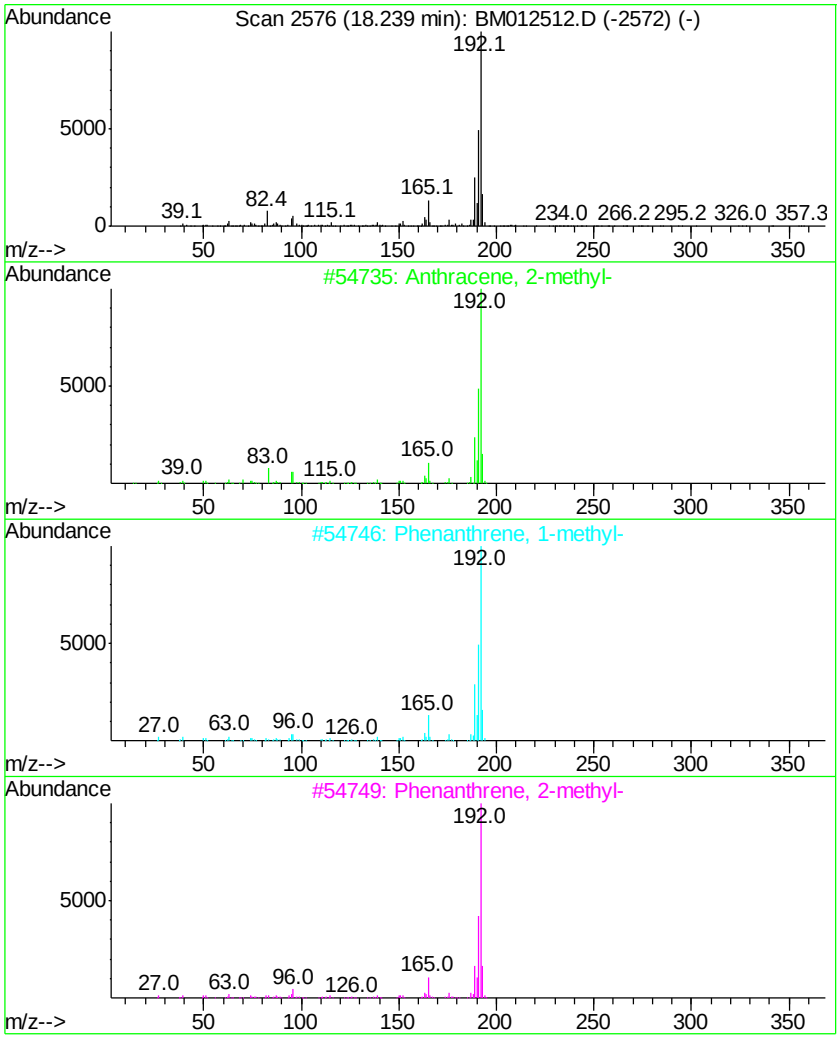
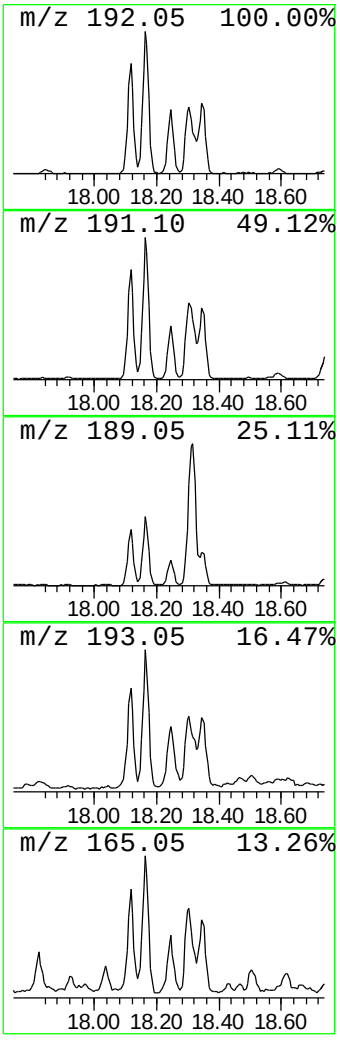
Peak Number 17 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	3.16 ng/ul	1074240	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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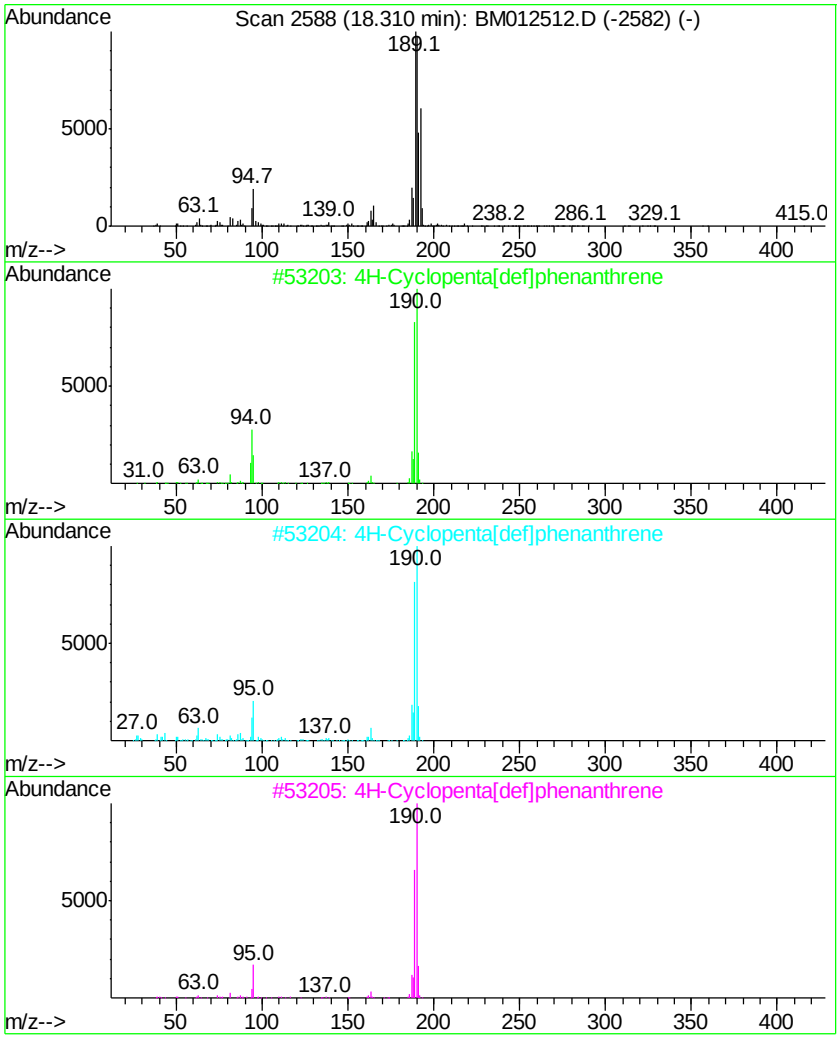
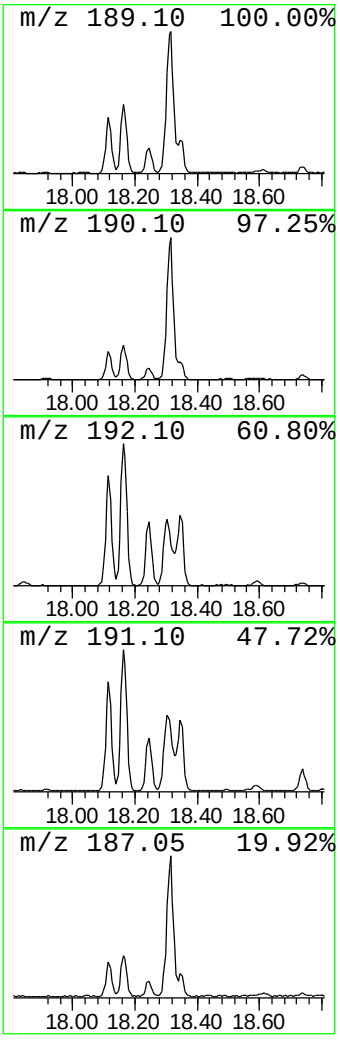
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	9.62 ng/ul	3267470	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Acq On : 28 Oct 2017 07:16
Operator : SJ/JU
Sample : I5719-21 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

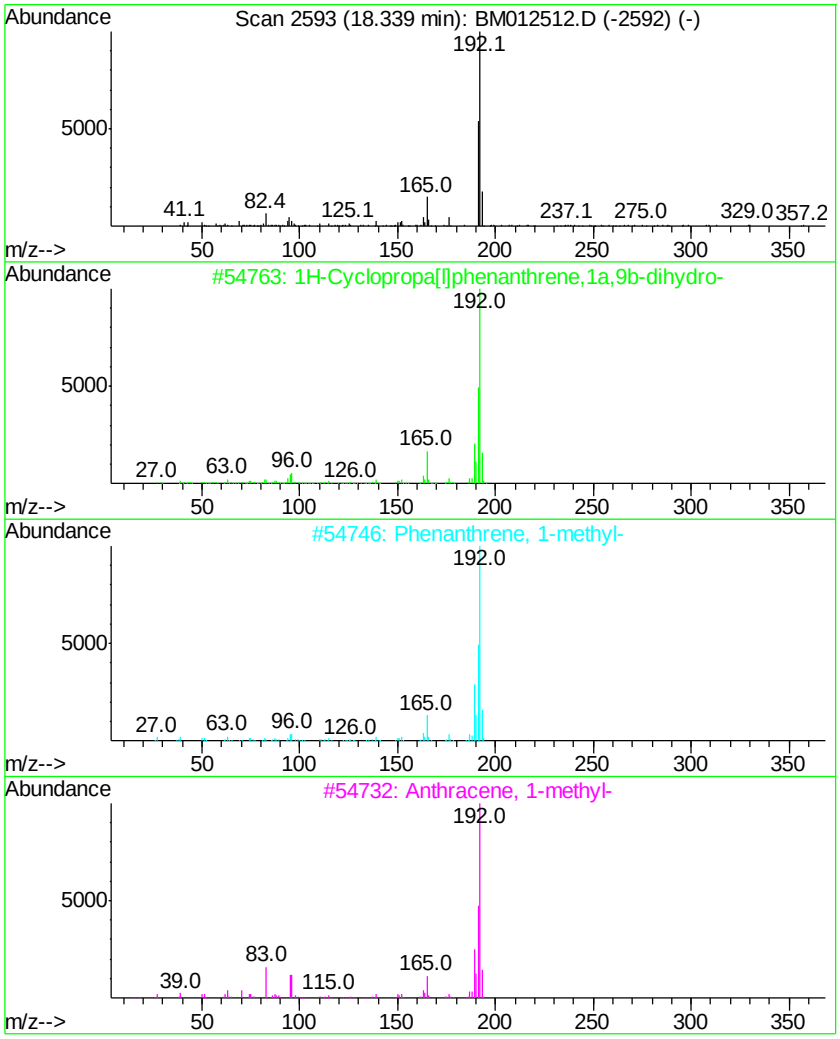
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

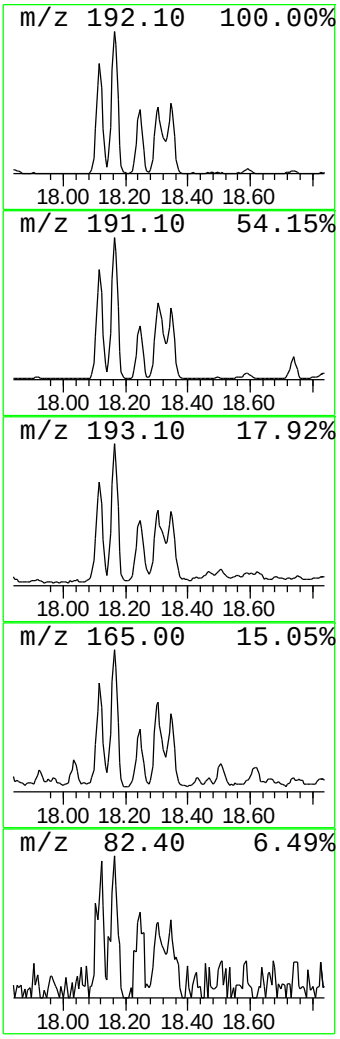
****

Peak Number 19 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.25 ng/ul	1104940	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





Library Search Compound Report

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Acq On : 28 Oct 2017 07:16
Operator : SJ/JU
Sample : I5719-21 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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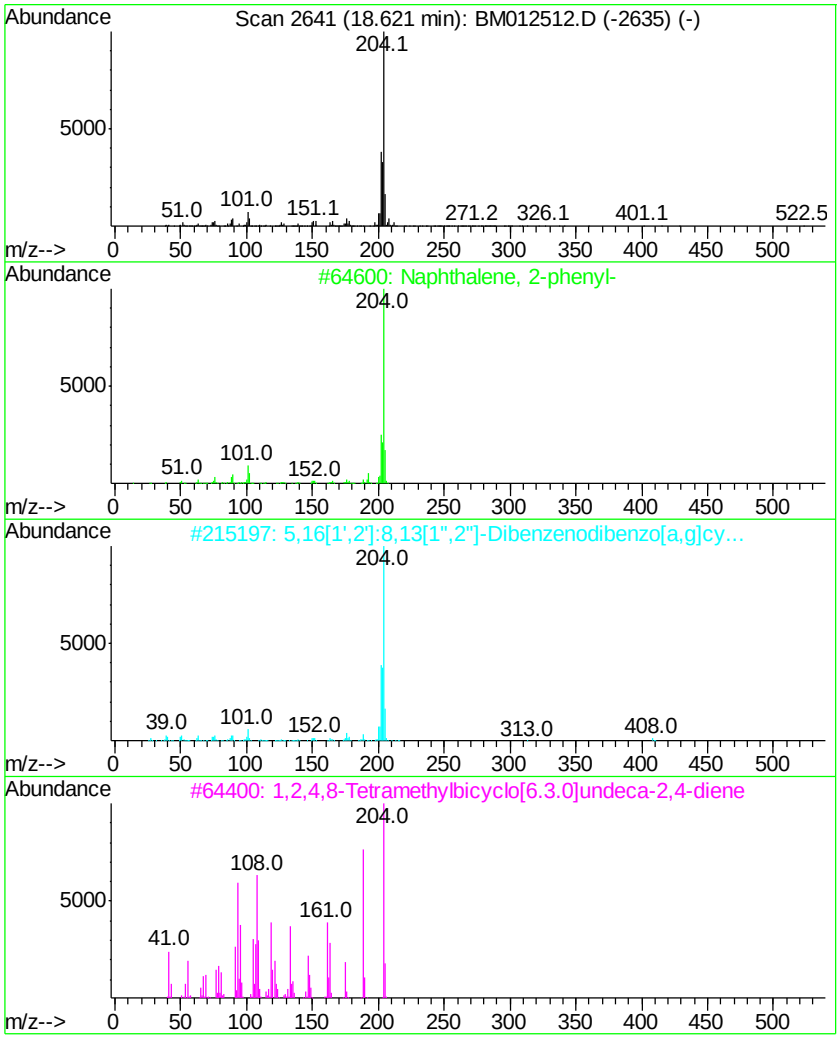
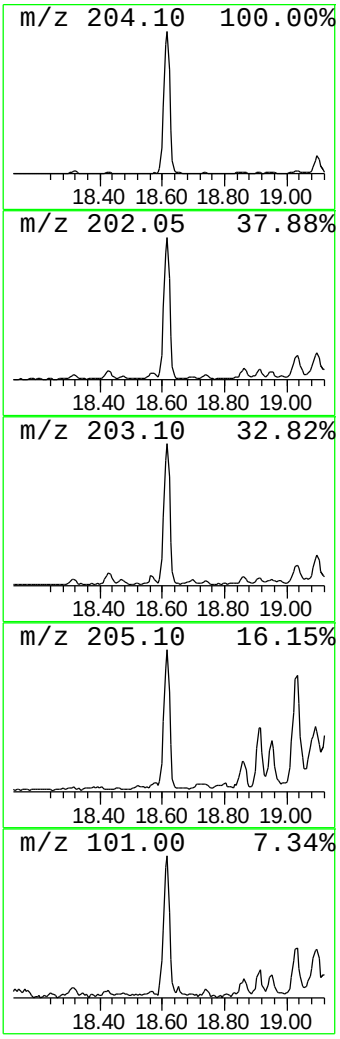
Peak Number 20 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	4.29 ng/ul	1456470	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Acq On : 28 Oct 2017 07:16
Operator : SJ/JU
Sample : I5719-21 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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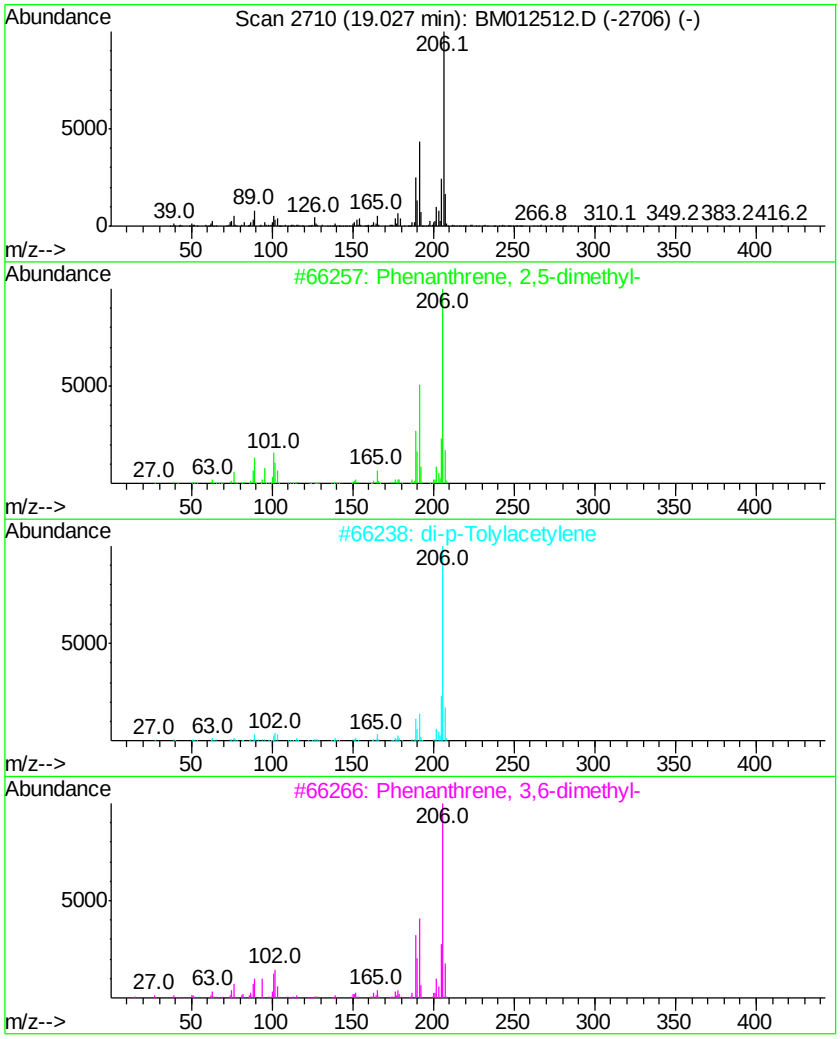
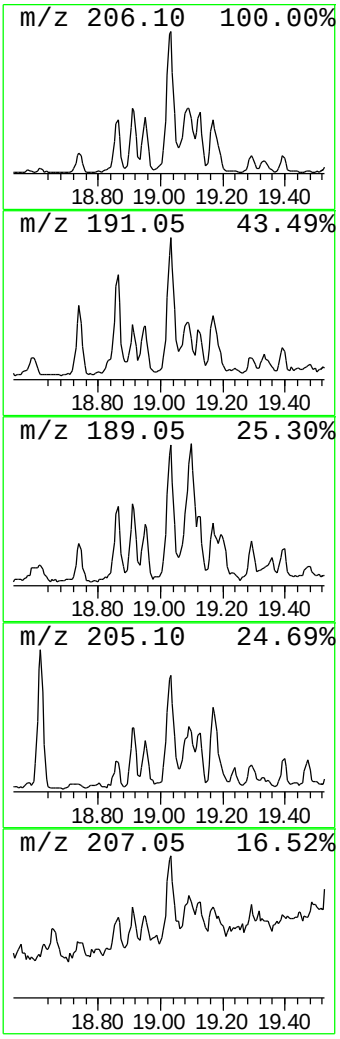
Peak Number 21 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	3.66 ng/ul	1243880	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-3

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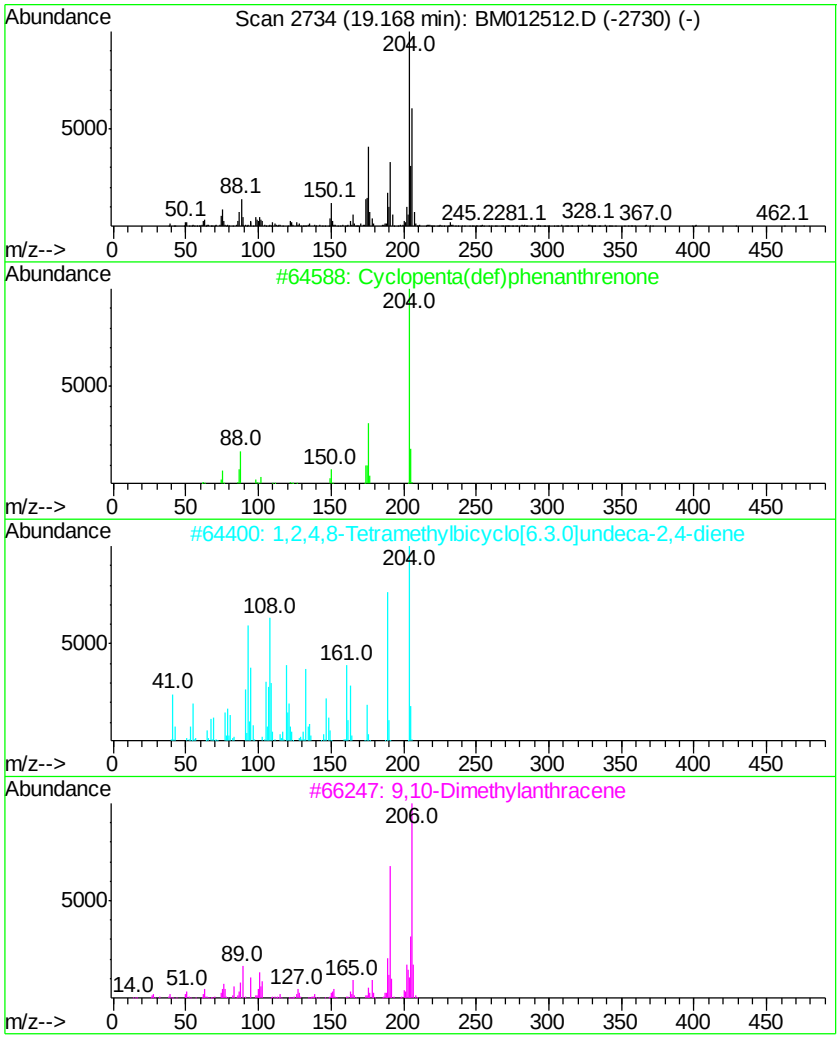
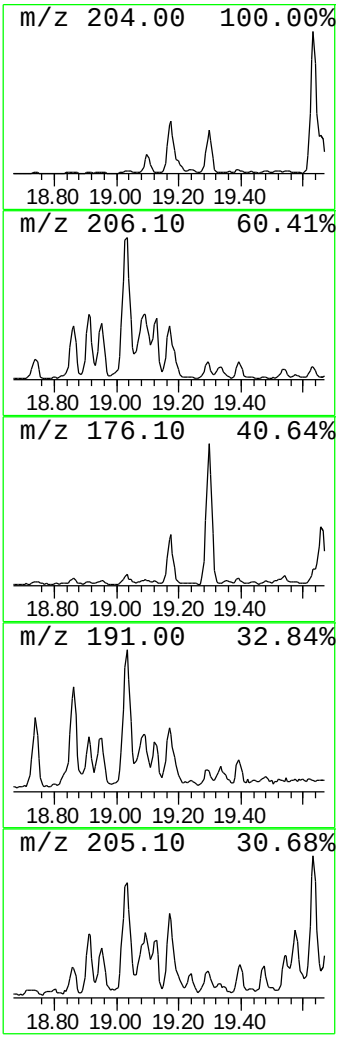
Peak Number 22 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.95 ng/ul	1000320	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	38





Library Search Compound Report

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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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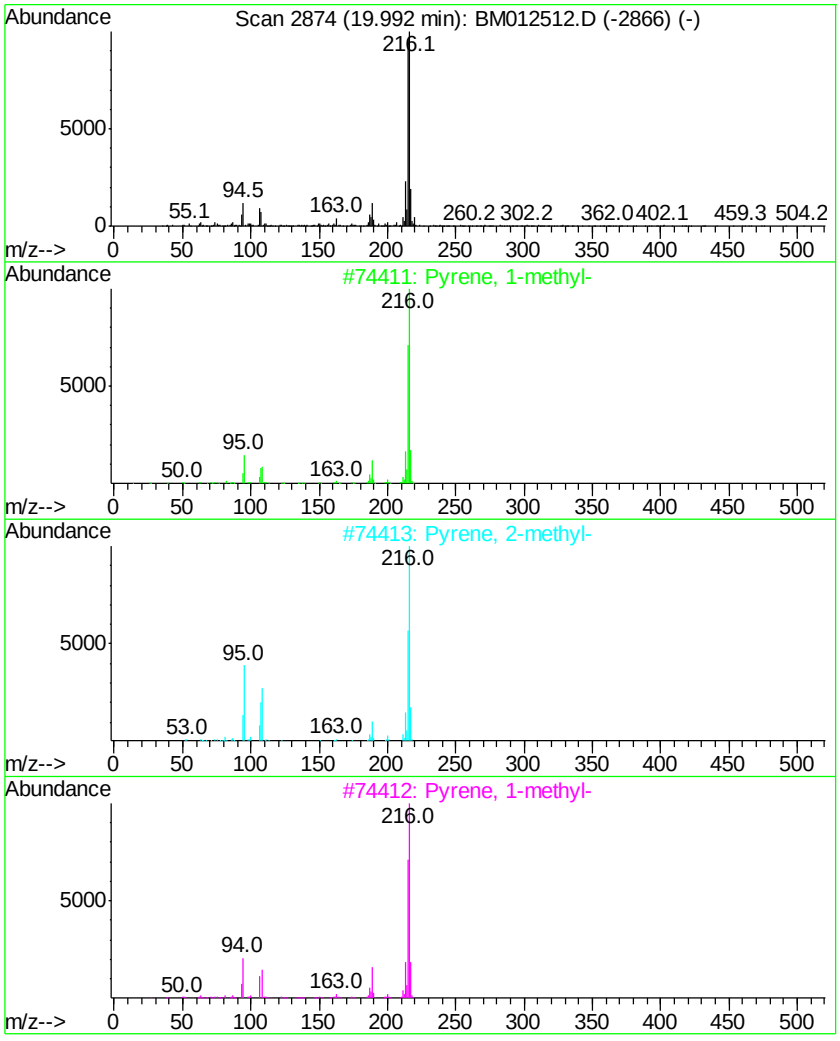
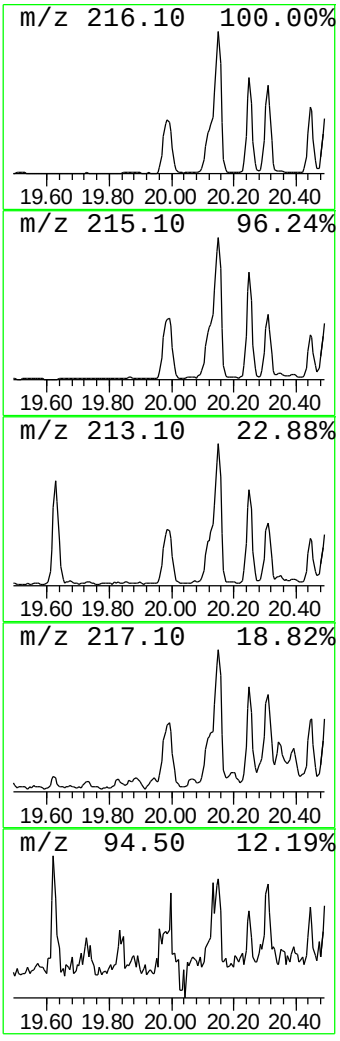
Peak Number 23 Pyrene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.31 ng/ul	2149500	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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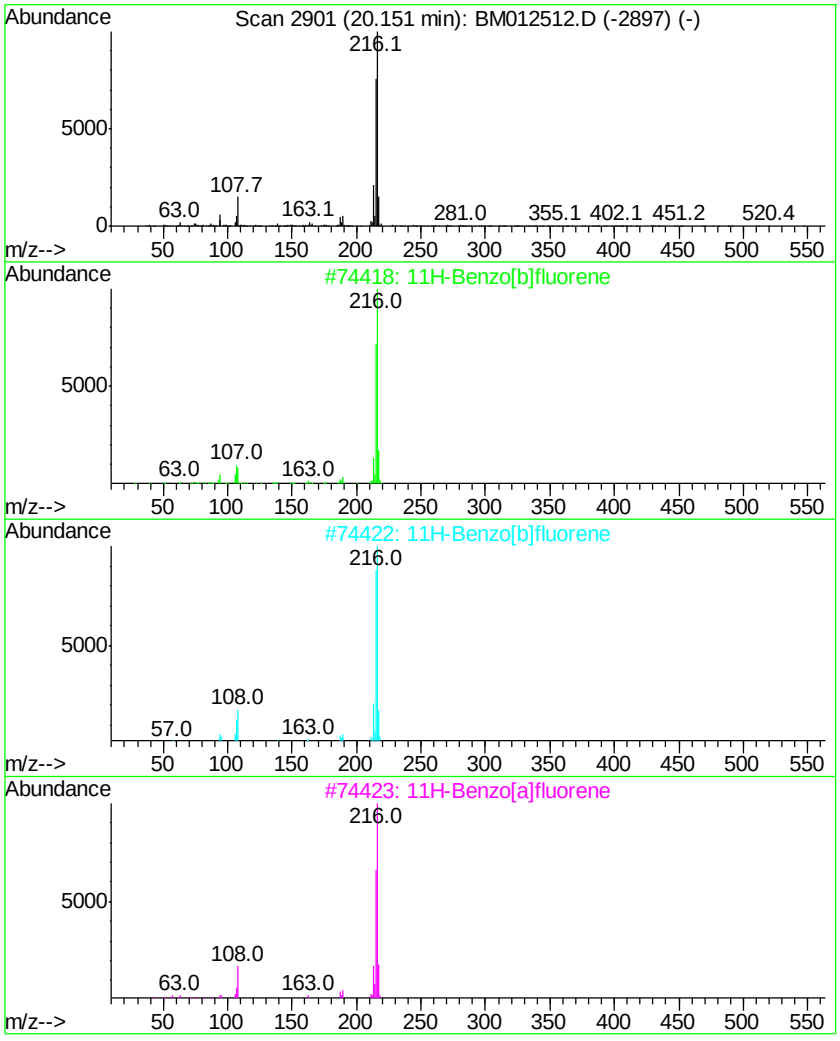
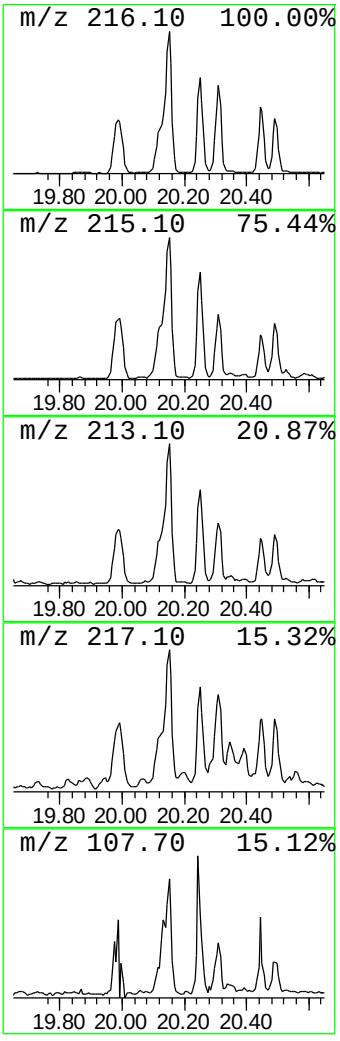
Peak Number 24 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.15	2.43 ng/ul	2257520	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Tentatively Identified Compound (LSC) summary

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Acq On : 28 Oct 2017 07:16
Operator : SJ/JU
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DUP-3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, propyl-	6.86	3.7	ng/ul	749455	1	7.87	4035380	20.0
Benzene, 1-ethyl-...	6.96	2.1	ng/ul	427526	1	7.87	4035380	20.0
Benzene, 1,2,3-tr...	7.52	13.4	ng/ul	2708450	1	7.87	4035380	20.0
p-Cymene	8.00	7.8	ng/ul	1584020	1	7.87	4035380	20.0
Benzene, 1-methyl...	8.42	2.5	ng/ul	494481	1	7.87	4035380	20.0
Benzene, 1,2-diet...	8.51	3.9	ng/ul	777868	1	7.87	4035380	20.0
(DEL) Alkane: Str...	9.10	4.9	ng/ul	996042	1	7.87	4035380	20.0
Benzene, 1-methyl...	9.22	2.8	ng/ul	556333	1	7.87	4035380	20.0
Dibenzofuran, 4-m...	15.85	3.0	ng/ul	944994	3	14.50	6304230	20.0
[1,1'-Biphenyl]-4...	15.99	2.3	ng/ul	773235	4	17.24	6789910	20.0
(DEL) Alkane: Str...	16.24	2.3	ng/ul	771977	4	17.24	6789910	20.0
Dibenzothiophene	17.06	4.2	ng/ul	1435900	4	17.24	6789910	20.0
Phenanthrene, 2-m...	18.16	8.1	ng/ul	2756390	4	17.24	6789910	20.0
Anthracene, 2-met...	18.24	3.2	ng/ul	1074240	4	17.24	6789910	20.0
4H-Cyclopenta[def...	18.31	9.6	ng/ul	3267470	4	17.24	6789910	20.0
1H-Cyclopropa[l]p...	18.34	3.3	ng/ul	1104940	4	17.24	6789910	20.0
Naphthalene, 2-ph...	18.62	4.3	ng/ul	1456470	4	17.24	6789910	20.0
Phenanthrene, 2,5...	19.03	3.7	ng/ul	1243880	4	17.24	6789910	20.0
Cyclopenta(def)ph...	19.17	3.0	ng/ul	1000320	4	17.24	6789910	20.0
Pyrene, 1-methyl-	19.99	2.3	ng/ul	2149500	5	21.42	18589900	20.0
11H-Benzo[b]fluorene	20.15	2.4	ng/ul	2257520	5	21.42	18589900	20.0