LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013351.D
Acq On : 12 Dec 2017 22:24
Operator : SJ/JU
Sample : I6776-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A59

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-BM113017.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	6.863	635	642	656	rVB2	1207885	2288151	20.97%	1.390%
2	7.028	663	670	683	rVB	939078	1409693	12.92%	0.856%
3	7.222	695	703	711	rBV	1257569	1966003	18.02%	1.194%
4	7.686	773	782	790	rBV	988732	1548682	14.19%	0.941%
5	8.392	894	902	911	rBV	1675524	2631867	24.12%	1.599%
6	8.839	971	978	987	rBV	1294762	2115079	19.39%	1.285%
7	9.557	1091	1100	1114	rBV	1119271	1879519	17.23%	1.142%
8	10.092	1181	1191	1201	rBV	1700176	2847445	26.10%	1.730%
9	10.463	1246	1254	1258	rBV	1325076	2301778	21.10%	1.398%
10	10.516	1258	1263	1270	rVV	4989544	8215620	75.30%	4.991%
11	10.610	1270	1279	1293	rVB2	1513988	2899317	26.57%	1.761%
12	12.133	1531	1538	1544	rVB	1801480	2751633	25.22%	1.672%
13	12.251	1551	1558	1564	rBV5	57002	123653	1.13%	0.075%
14	12.351	1564	1575	1587	rVB	1139728	1917918	17.58%	1.165%
15	13.157	1705	1712	1719	rVB	770183	1147677	10.52%	0.697%
16	13.351	1733	1745	1755	rVB	277211	621816	5.70%	0.378%
17	13.486	1758	1768	1769	rBV	277799	413739	3.79%	0.251%
18	13.645	1788	1795	1800	rBV	428513	787981	7.22%	0.479%
19	13.698	1800	1804	1807	rVV	261453	396907	3.64%	0.241%
20	13.745	1807	1812	1817	rVV	3211695	4441001	40.70%	2.698%
21	13.792	1817	1820	1827	rVV	490905	667223	6.12%	0.405%
22	13.886	1828	1836	1839	rVV	205880	382364	3.50%	0.232%
23	13.915	1839	1841	1848	rVB3	112371	149558	1.37%	0.091%
24	14.021	1852	1859	1871	rVB	3491033	5529515	50.68%	3.359%
25	14.233	1890	1895	1899	rBV2	162489	218866	2.01%	0.133%
26	14.327	1901	1911	1917	rVV2	1992473	3476233	31.86%	2.112%
27	14.398	1917	1923	1930	rVV	7480883	10799689	98.98%	6.561%
28	14.463	1930	1934	1941	rVV	147284	235540	2.16%	0.143%
29	14.545	1941	1948	1956	rVV	1443090	2360157	21.63%	1.434%
30	14.639	1958	1964	1969	rVV2	253455	450378	4.13%	0.274%
31	14.727	1969	1979	1987	rVV	3188152	4975097	45.60%	3.022%
32	14.804	1987	1992	1997	rVV2	111254	198763	1.82%	0.121%
33	14.945	2009	2016	2022	rBV6	122590	282278	2.59%	0.171%
34	15.004	2022	2026	2031	rVB3	82161	126357	1.16%	0.077%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I6776-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A59

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-BM113017.M
Title : SVOA CALIBRATION

35	15.121	2039	2046	2049	rBV6	55970	123265	1.13%	0.075%
36	15.192	2054	2058	2064	rVB	239062	332976	3.05%	0.202%
37	15.327	2074	2081	2086	rBV	4244545	6070180	55.63%	3.688%
38	15.380	2086	2090	2096	rVB	4026481	5782320	53.00%	3.513%
39	15.451	2097	2102	2108	rBV	1270060	1927903	17.67%	1.171%
40	15.504	2108	2111	2114	rVV2	259428	352475	3.23%	0.214%
41	15.539	2114	2117	2123	rVV	411908	643827	5.90%	0.391%
42	15.592	2123	2126	2129	rVV3	110620	160926	1.47%	0.098%
43	15.627	2129	2132	2136	rVV	193496	246394	2.26%	0.150%
44	15.674	2136	2140	2147	rVB	450028	660733	6.06%	0.401%
45	15.762	2149	2155	2158	rBV5	73683	138674	1.27%	0.084%
46	15.821	2158	2165	2173	rVB	426226	926981	8.50%	0.563%
47	16.057	2200	2205	2219	rVB2	338748	616207	5.65%	0.374%
48	16.174	2219	2225	2232	rBV	229307	345645	3.17%	0.210%
49	16.339	2249	2253	2256	rBV3	105344	177008	1.62%	0.108%
50	16.386	2257	2261	2265	rVV2	211653	336655	3.09%	0.205%
51	16.433	2265	2269	2275	rVB2	91093	135640	1.24%	0.082%
52	16.533	2281	2286	2290	rVB2	79437	135765	1.24%	0.082%
53	16.733	2316	2320	2327	rVB	235580	356860	3.27%	0.217%
54	16.839	2328	2338	2343	rBV5	207361	589310	5.40%	0.358%
55	16.892	2343	2347	2358	rVB	619114	983447	9.01%	0.597%
56	17.080	2373	2379	2382	rBV2	2541599	3732128	34.21%	2.267%
57	17.121	2382	2386	2391	rVV	7849692	10910863	100.00%	6.628%
58	17.180	2391	2396	2399	rVV	4851238	6971120	63.89%	4.235%
59	17.209	2399	2401	2407	rVB	1071426	1298242	11.90%	0.789%
60	17.268	2407	2411	2416	rVB	177345	271008	2.48%	0.165%
61	17.451	2437	2442	2443	rBV2	128794	162827	1.49%	0.099%
62	17.480	2443	2447	2457	rVB	771096	1192869	10.93%	0.725%
63	17.592	2460	2466	2472	rBV3	129816	270829	2.48%	0.165%
64	17.915	2517	2521	2523	rBV2	127358	169517	1.55%	0.103%
65	17.951	2523	2527	2530	rVV	343774	509038	4.67%	0.309%
66	17.986	2530	2533	2543	rVB2	693084	1335485	12.24%	0.811%
67	18.080	2543	2549	2554	rVB2	242745	409849	3.76%	0.249%
68	18.151	2554	2561	2565	rBV3	864407	1458602	13.37%	0.886%
69	18.456	2608	2613	2617	rBV	308820	415180	3.81%	0.252%
70	18.498	2617	2620	2624	rVB2	136535	182238	1.67%	0.111%
71	18.833	2673	2677	2681	rBV3	138806	192891	1.77%	0.117%

LSC Area Percent Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A59

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-BM113017.M
Title : SVOA CALIBRATION

72	19.015	2704	2708	2715	rBV4	86454	155024	1.42%	0.094%
73	19.139	2721	2729	2735	rVB	4866160	6414702	58.79%	3.897%
74	19.197	2735	2739	2743	rBV3	204348	271907	2.49%	0.165%
75	19.268	2747	2751	2759	rVV2	507994	671180	6.15%	0.408%
76	19.380	2763	2770	2774	rVB2	116289	239831	2.20%	0.146%
77	19.474	2780	2786	2789	rBV	6187266	9282938	85.08%	5.639%
78	19.503	2789	2791	2797	rVB	3189392	3577651	32.79%	2.173%
79	19.680	2817	2821	2827	rBV	131576	179788	1.65%	0.109%
80	19.745	2828	2832	2836	rVB	86665	113041	1.04%	0.069%
81	19.827	2840	2846	2852	rBV4	126933	291516	2.67%	0.177%
82	19.886	2852	2856	2859	rBV	85941	110323	1.01%	0.067%
83	19.997	2871	2875	2879	rVB	375734	500430	4.59%	0.304%
84	20.097	2888	2892	2896	rBV	349066	458073	4.20%	0.278%
85	20.156	2896	2902	2905	rVV4	127779	247357	2.27%	0.150%
86	20.297	2922	2926	2930	rBV	87653	133229	1.22%	0.081%
87	20.339	2930	2933	2938	rVB3	74824	116253	1.07%	0.071%
88	20.456	2950	2953	2957	rVB	124782	147161	1.35%	0.089%
89	20.915	3027	3031	3034	rBV	109727	143802	1.32%	0.087%
90	20.950	3034	3037	3040	rVV	128344	154425	1.42%	0.094%
91	20.986	3040	3043	3050	rVB3	542552	700995	6.42%	0.426%
92	21.268	3080	3091	3095	rBV2	3489743	5367872	49.20%	3.261%
93	21.303	3095	3097	3103	rVB	606094	669060	6.13%	0.406%
94	21.421	3114	3117	3126	rBV3	159013	243433	2.23%	0.148%
95	21.874	3190	3194	3201	rVB3	373108	513833	4.71%	0.312%
96	22.827	3351	3356	3360	rBV2	362152	695306	6.37%	0.422%
97	23.303	3432	3437	3439	rBV	189331	319662	2.93%	0.194%
98	23.356	3439	3446	3459	rVB2	3304551	6558416	60.11%	3.984%
99	23.497	3463	3470	3485	rVB	1614136	3246052	29.75%	1.972%

Sum of corrected areas: 164606634

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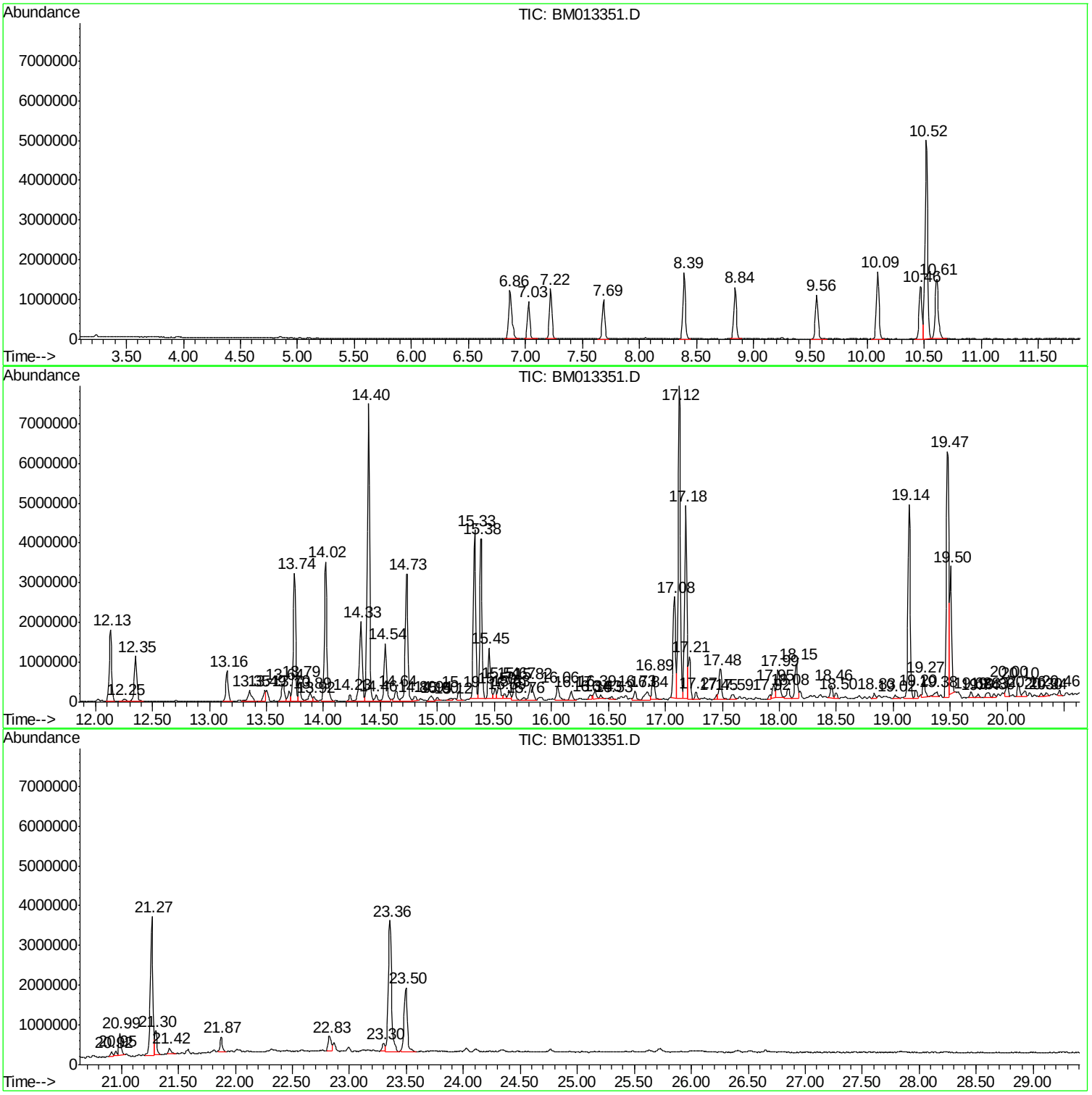
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A59

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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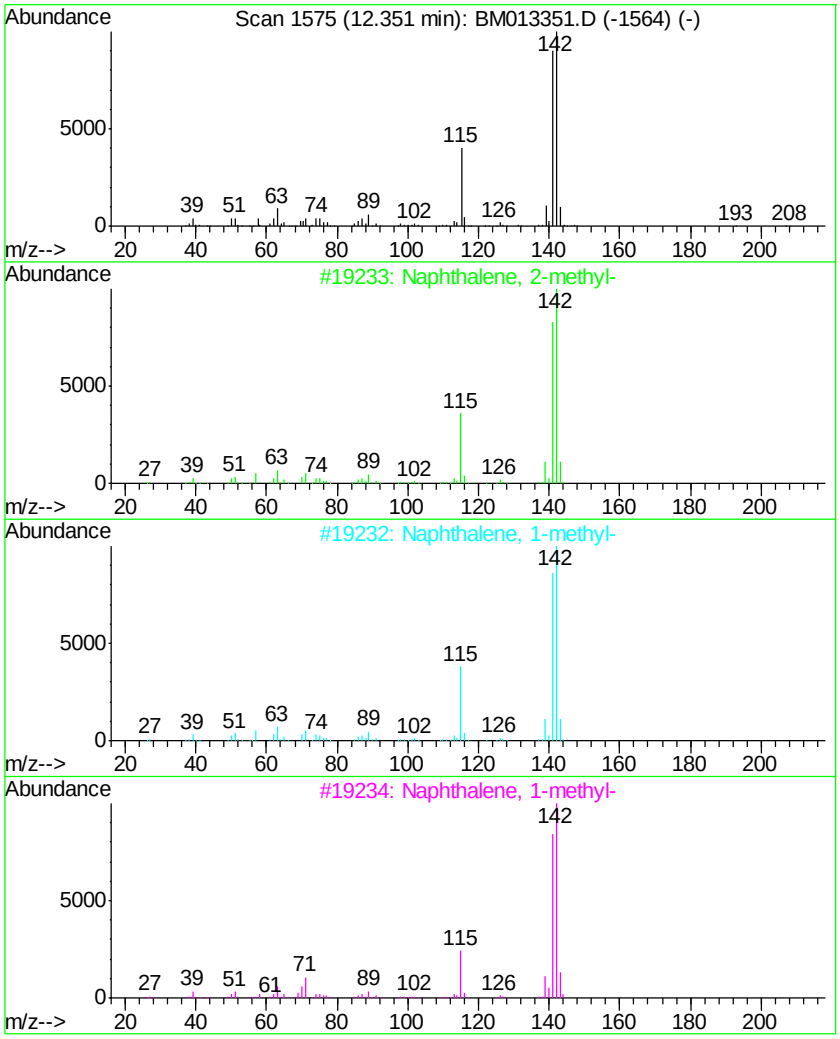
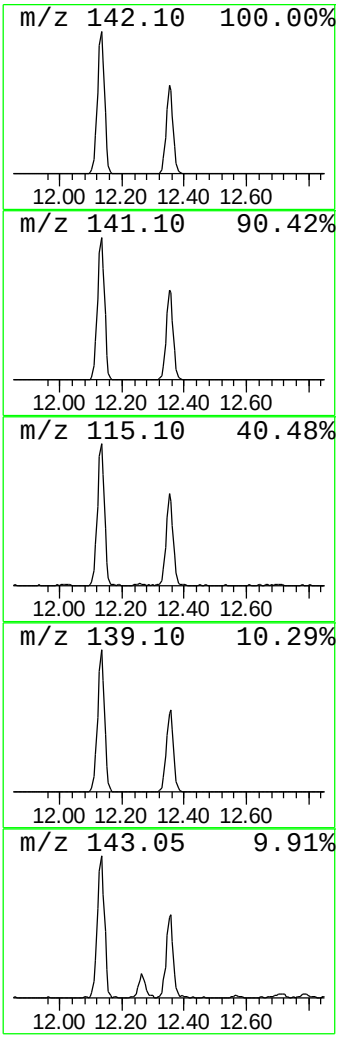
****

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	16.66 ng/ul	1917920	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
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Acq On : 12 Dec 2017 22:24
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Sample : I6776-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A59

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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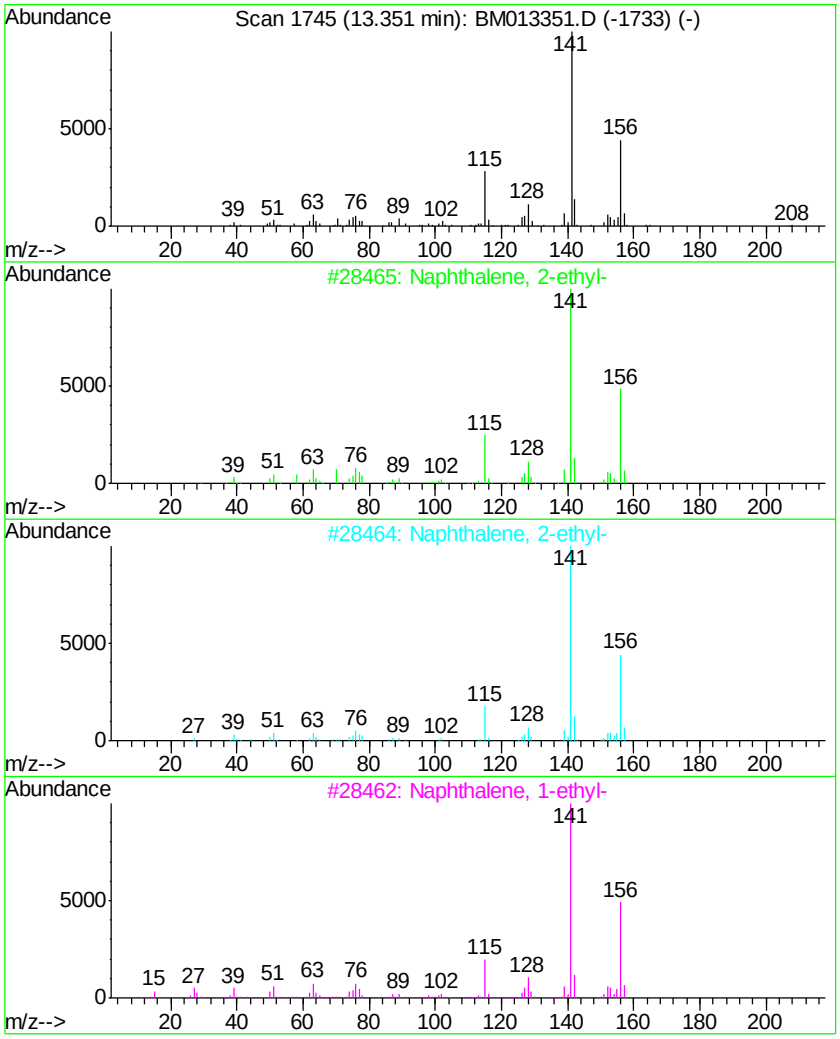
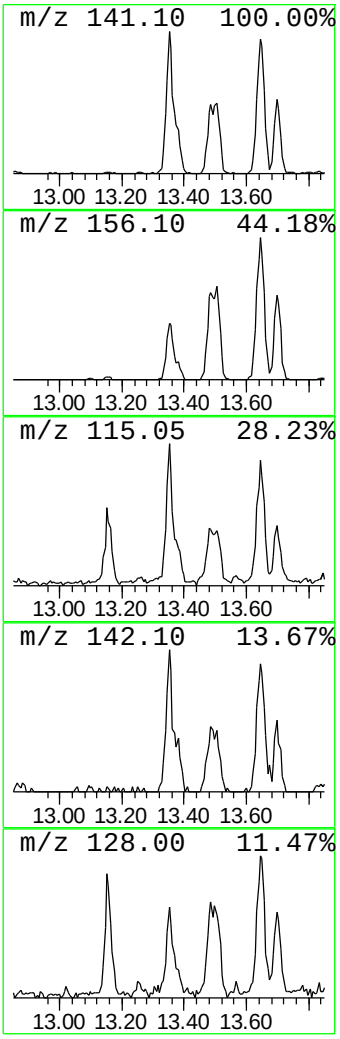
Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	3.58 ng/ul	621816	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
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Sample : I6776-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A59

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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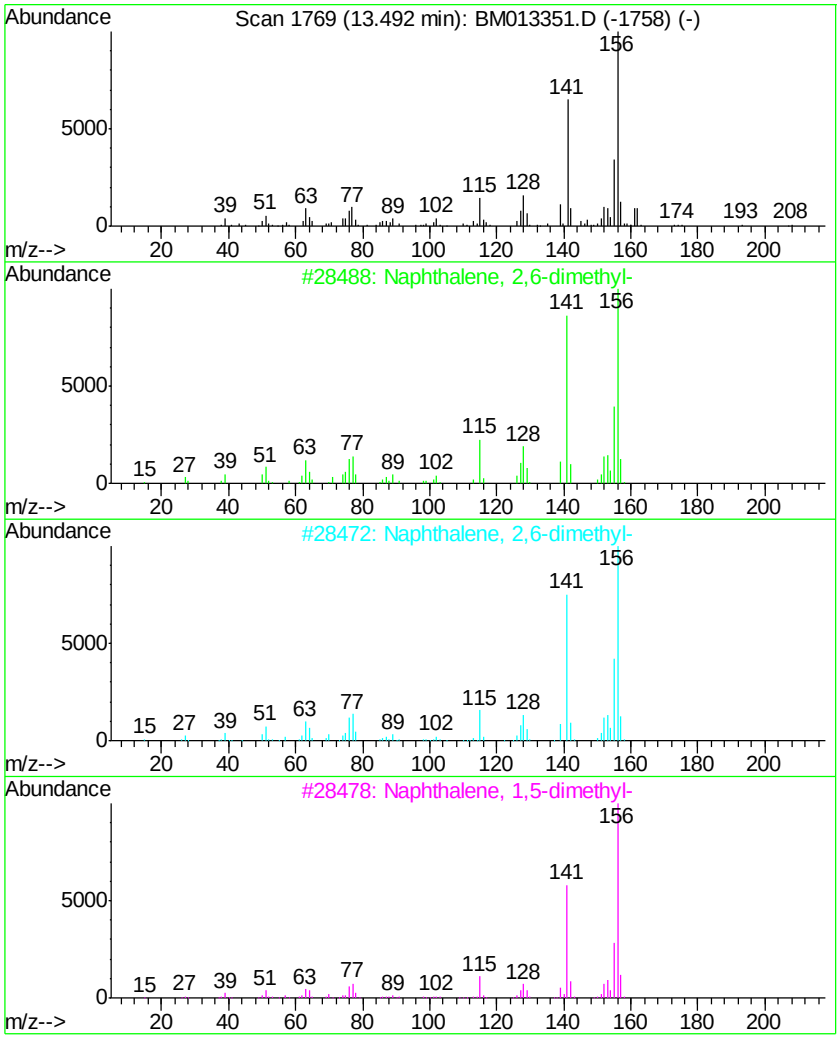
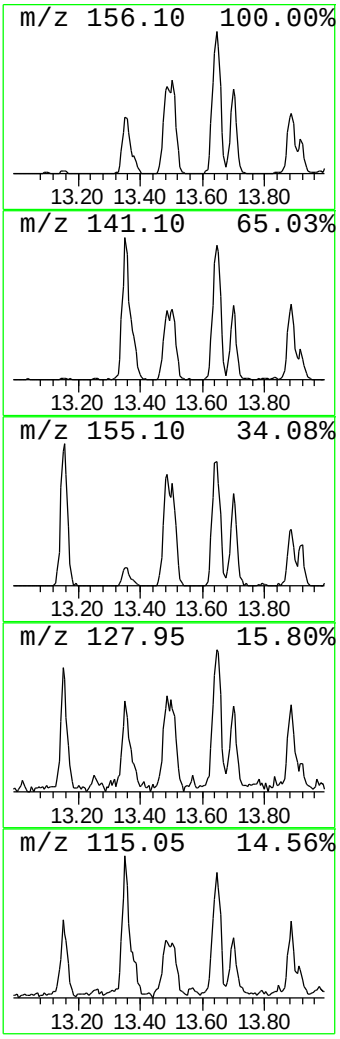
Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.38 ng/ul	413739	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Library Search Compound Report

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Data File : BM013351.D
Acq On : 12 Dec 2017 22:24
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Sample : I6776-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A59

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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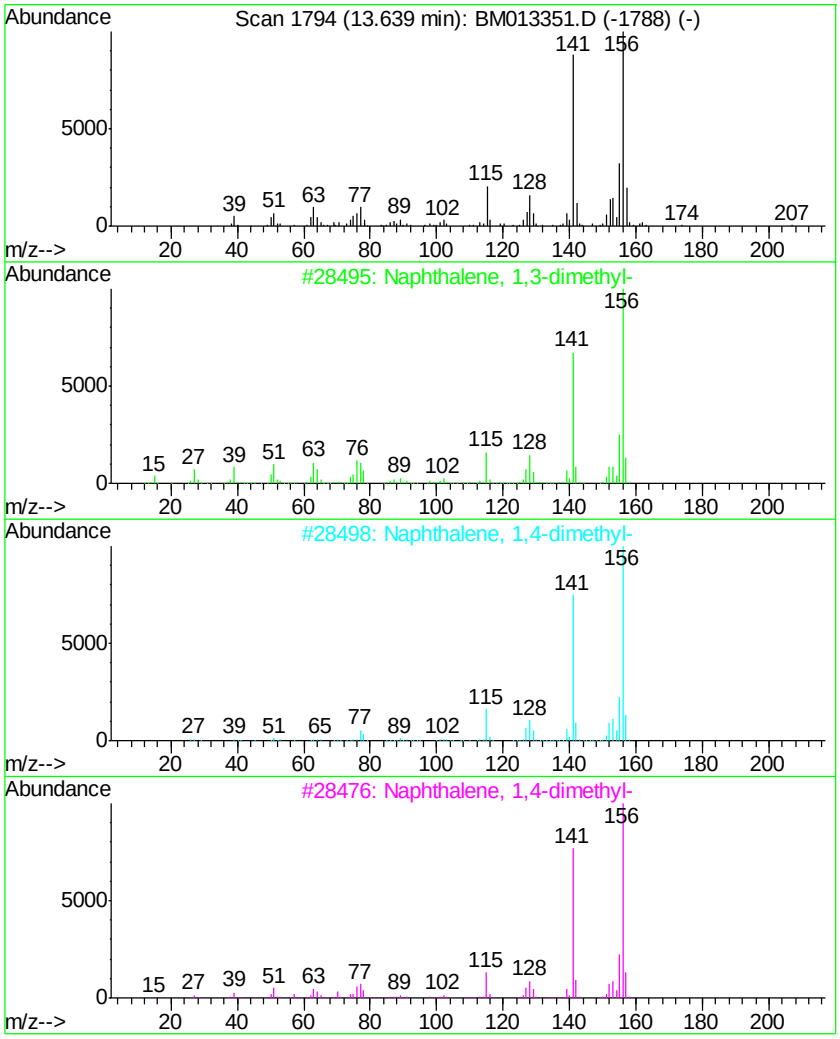
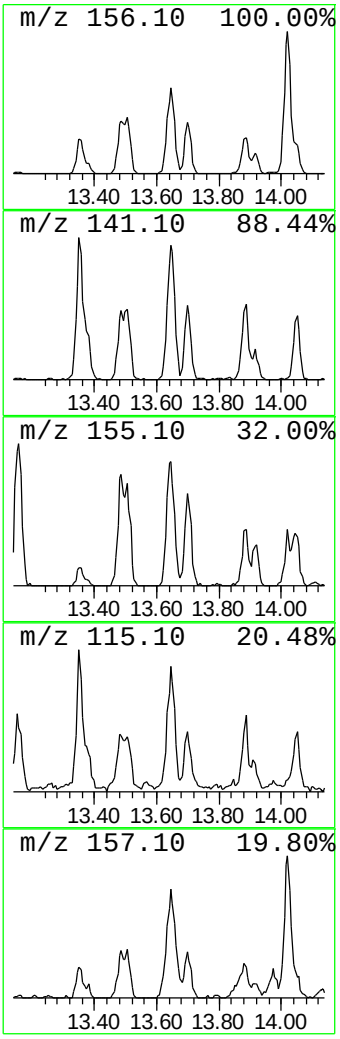
Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	4.53 ng/ul	787981	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





Library Search Compound Report

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Data File : BM013351.D
Acq On : 12 Dec 2017 22:24
Operator : SJ/JU
Sample : I6776-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A59

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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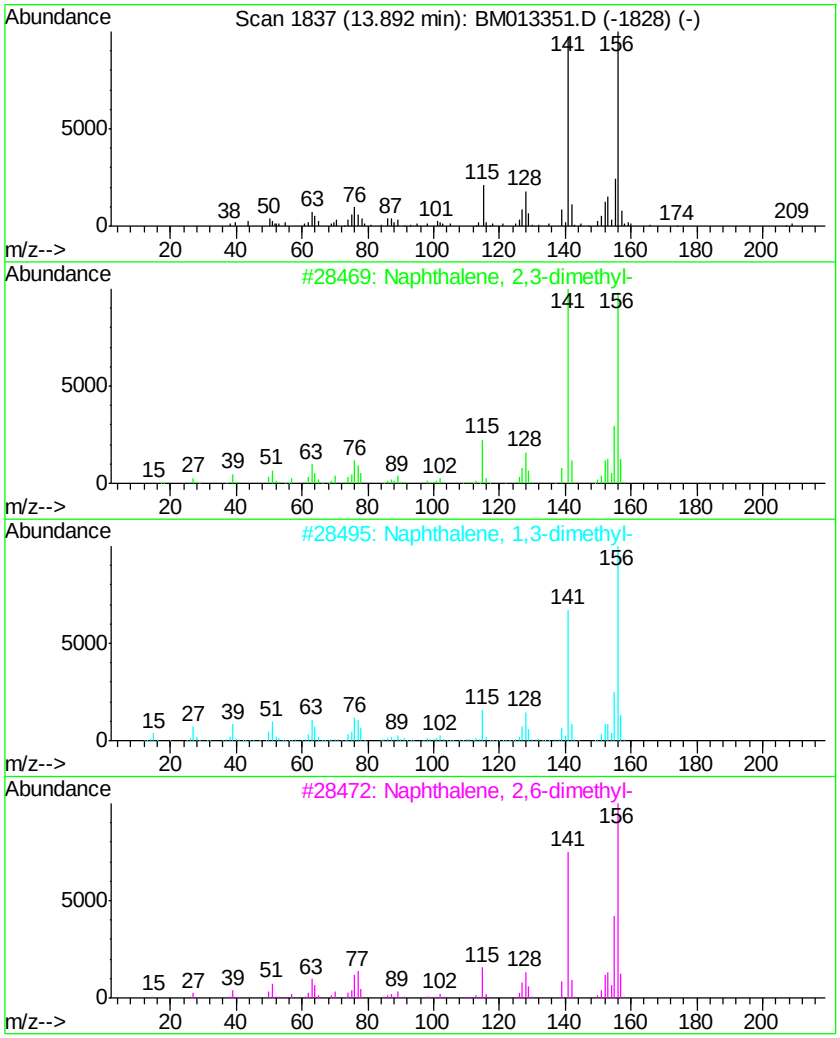
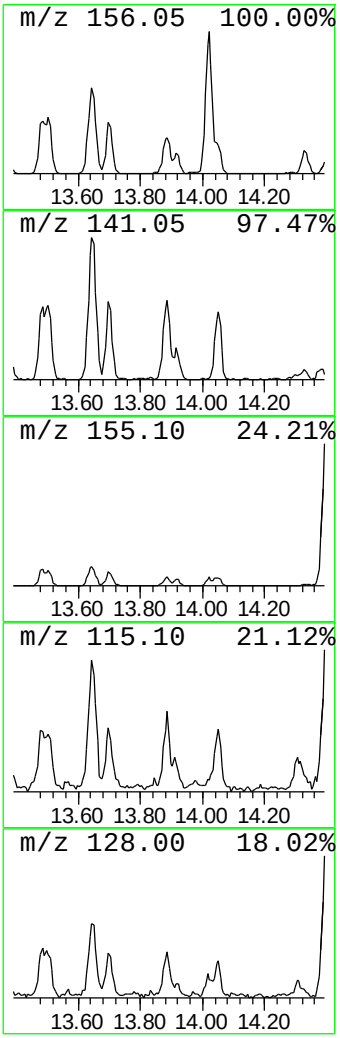
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.20 ng/ul	382364	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Data File : BM013351.D
Acq On : 12 Dec 2017 22:24
Operator : SJ/JU
Sample : I6776-07
Misc :
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Instrument : BNA_M
ClientSampleId : F9A59

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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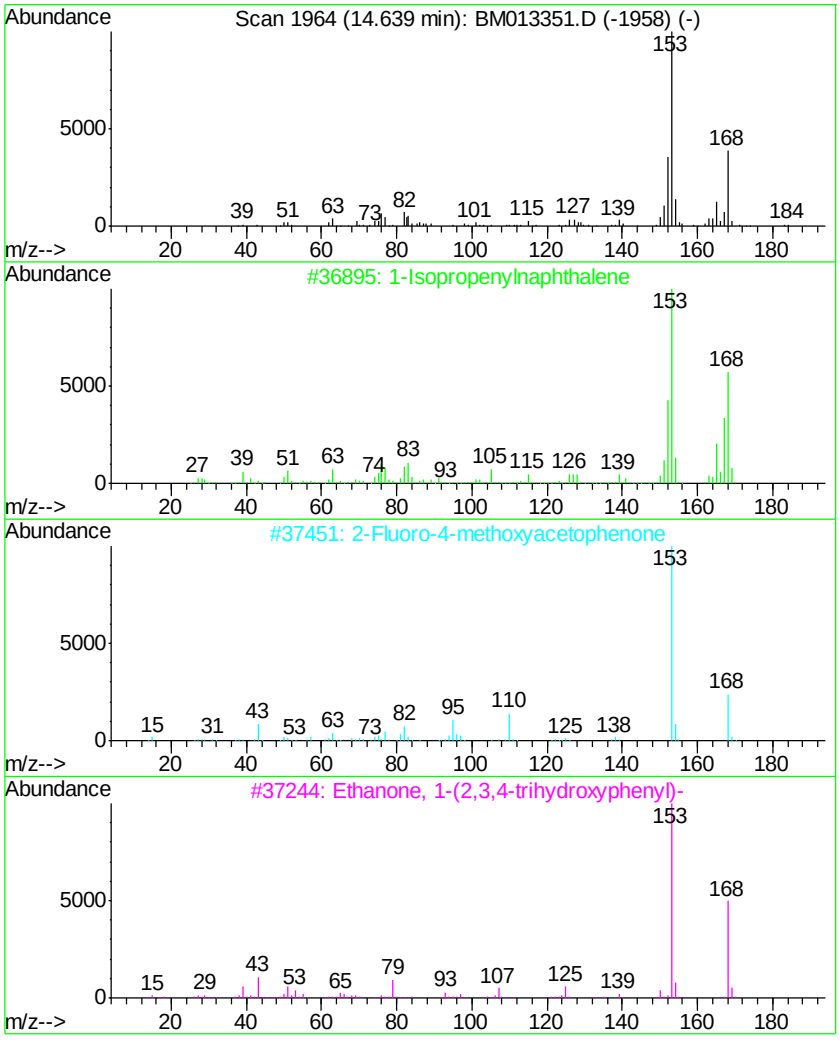
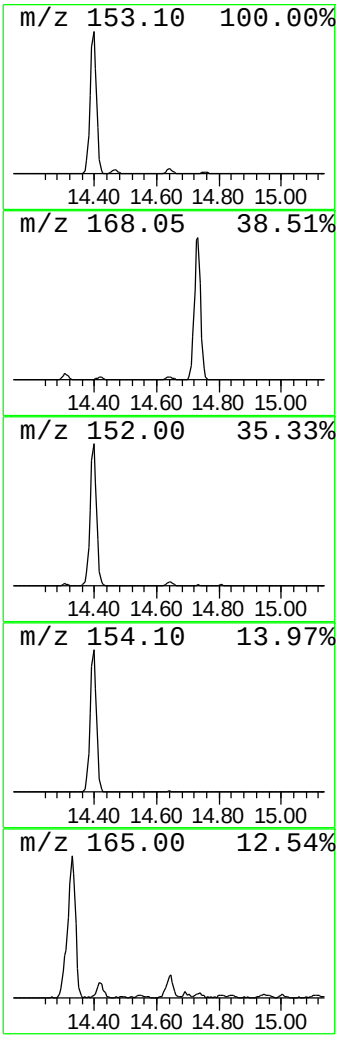
Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.59 ng/ul	450378	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	91
2	2-Fluoro-4-methoxyacetophenone	168	C9H9FO2	074457-86-6	53
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	53
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50





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Instrument : BNA_M
ClientSampleId : F9A59

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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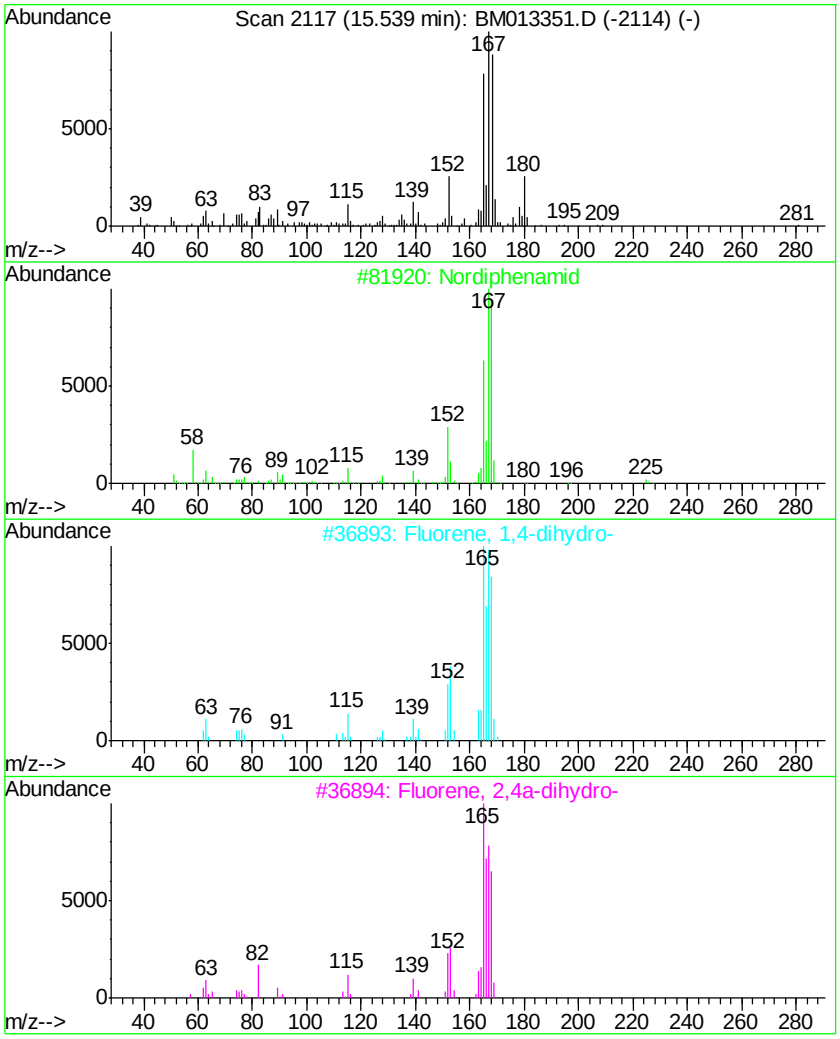
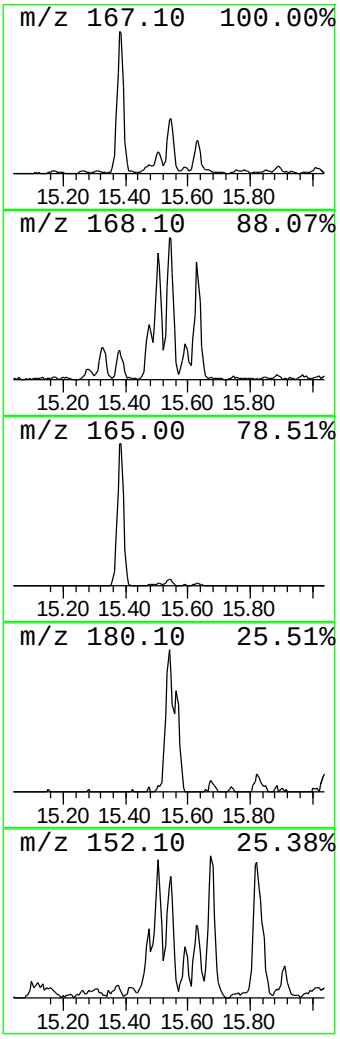
Peak Number 7 Nordiphenamid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	3.70 ng/ul	643827	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	83
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	78
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	78
4	Diphenylmethane	168	C13H12	000101-81-5	60
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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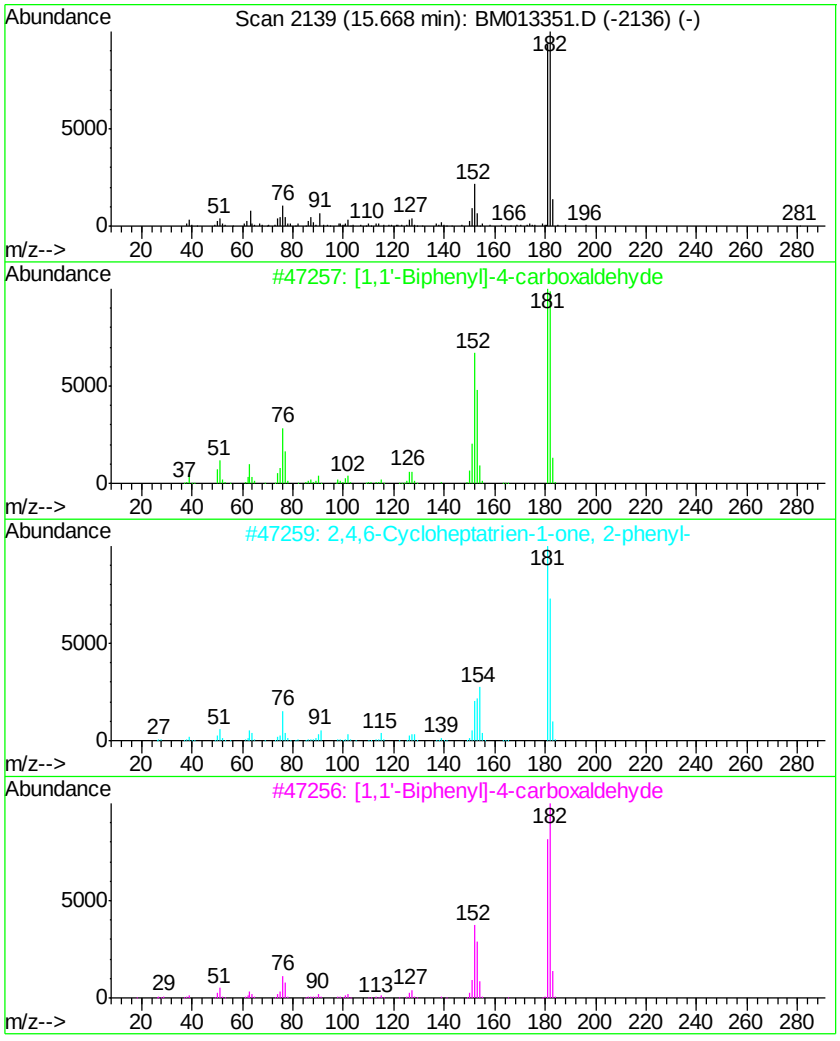
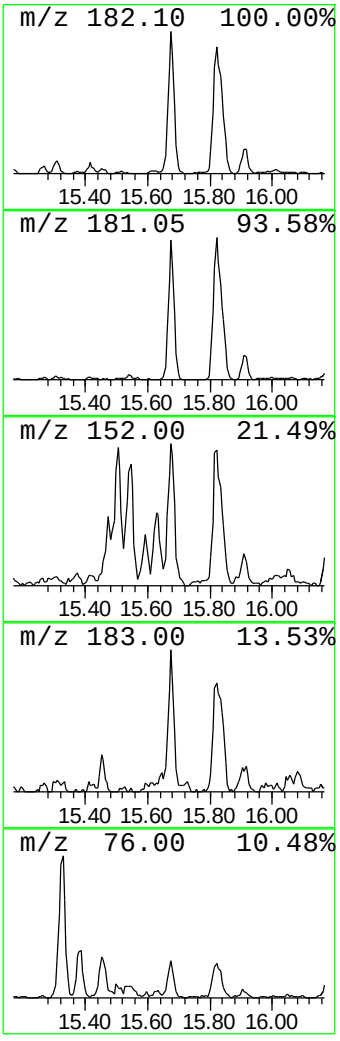
Peak Number 8 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	3.80 ng/ul	660733	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76





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Instrument : BNA_M
ClientSampleId : F9A59

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Quant Title : SVOA CALIBRATION

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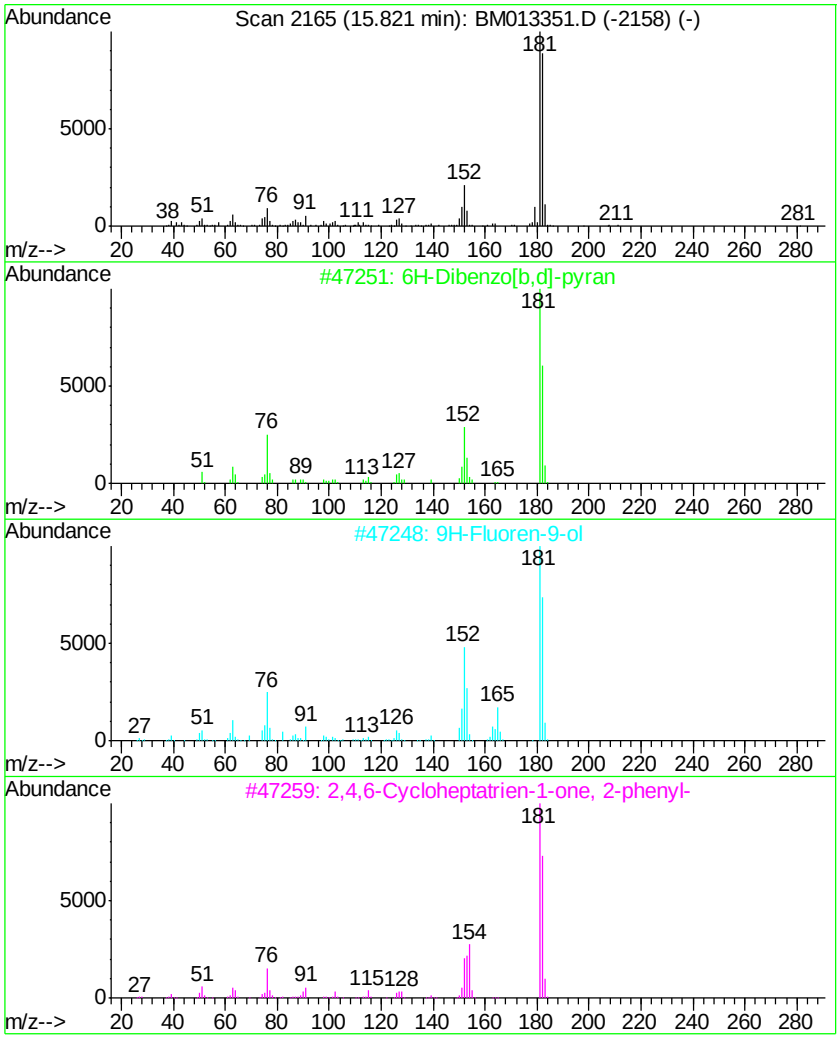
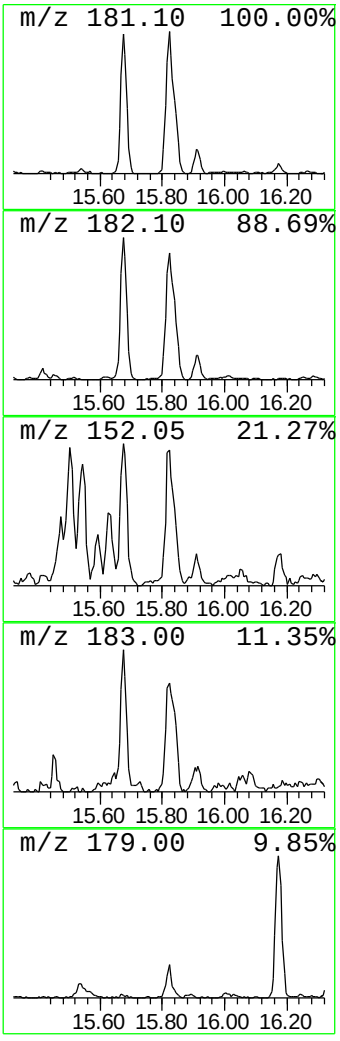
Peak Number 9 6H-Dibenzo[b,d]-pyran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	4.97 ng/ul	926981	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	2-Fluorenamine	181	C13H11N	000153-78-6	60





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ClientSampleId : F9A59

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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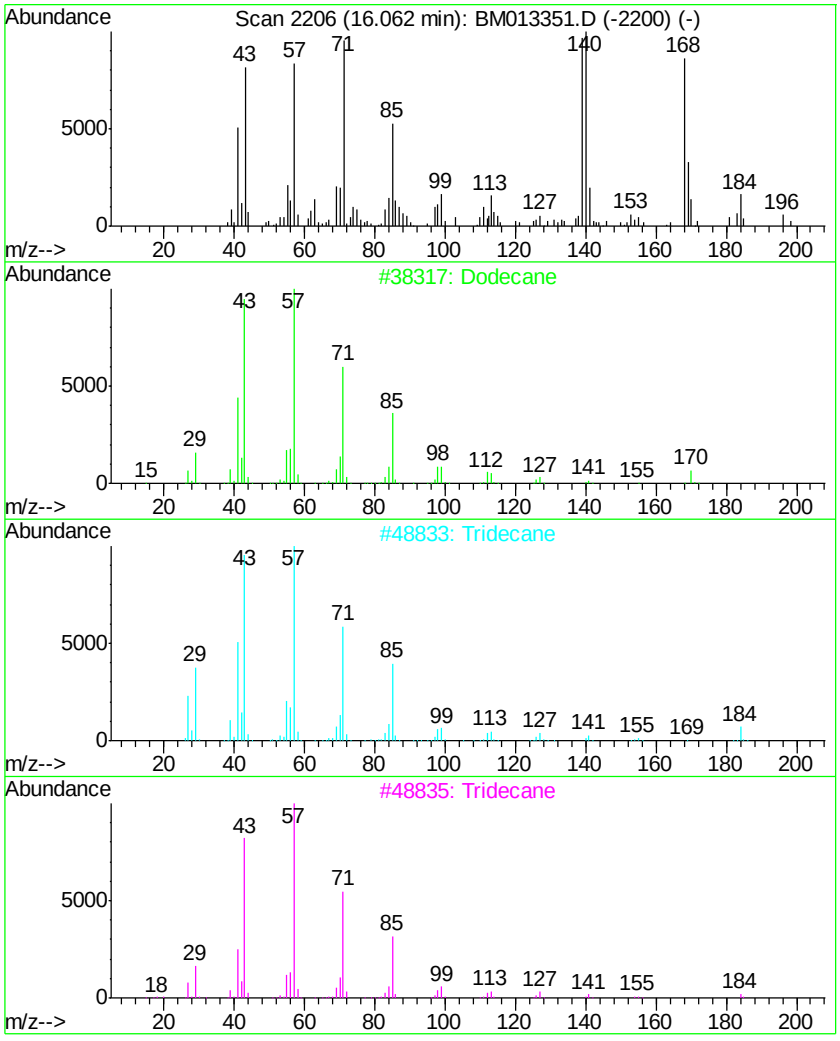
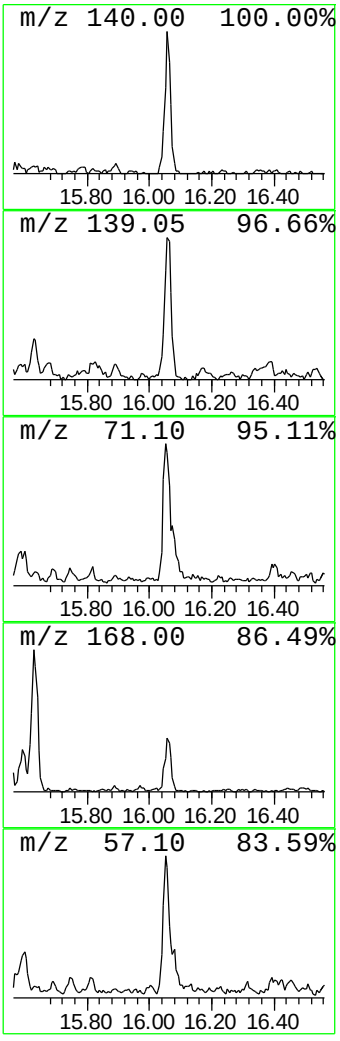
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	3.30 ng/ul	616207	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	42
2	Tridecane	184	C13H28	000629-50-5	42
3	Tridecane	184	C13H28	000629-50-5	42
4	Tridecane	184	C13H28	000629-50-5	42
5	Dodecane	170	C12H26	000112-40-3	42





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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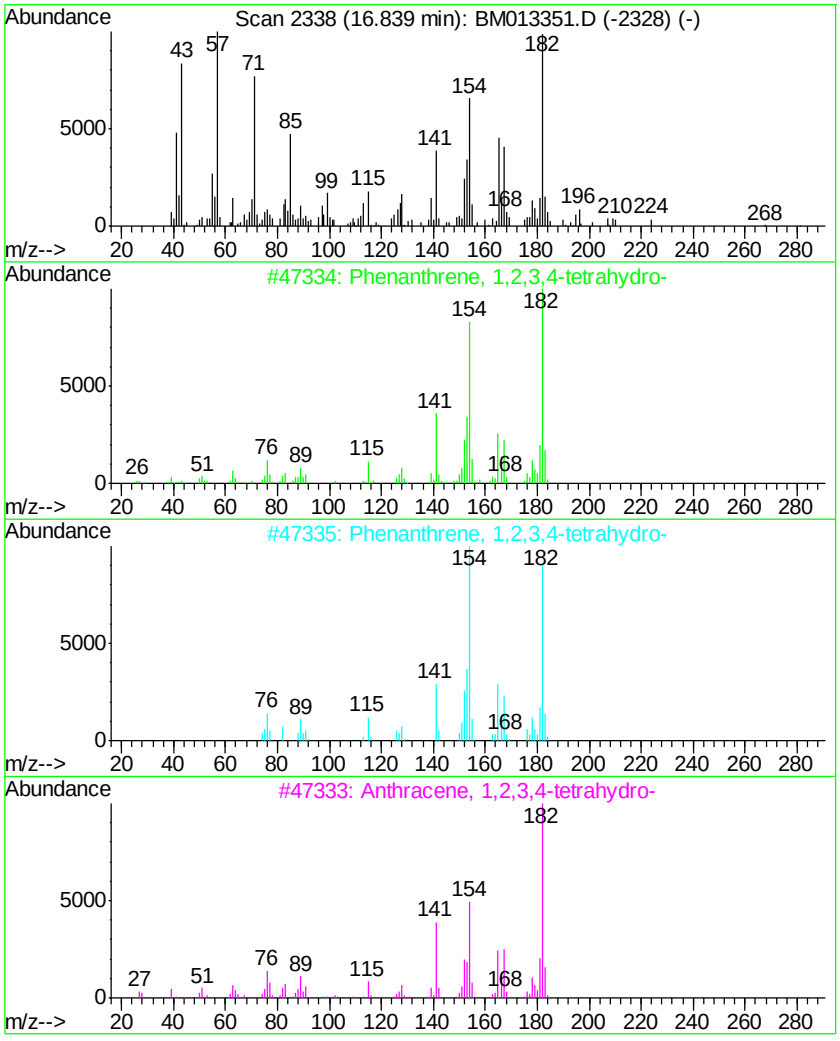
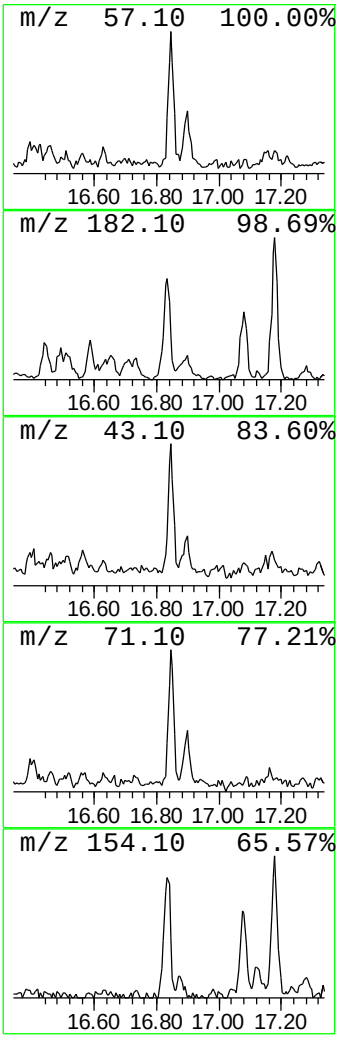
Peak Number 11 Phenanthrene, 1,2,3,4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	3.16 ng/ul	589310	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	55
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	55
3	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	55
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	49
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	41





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Instrument : BNA_M
ClientSampleId : F9A59

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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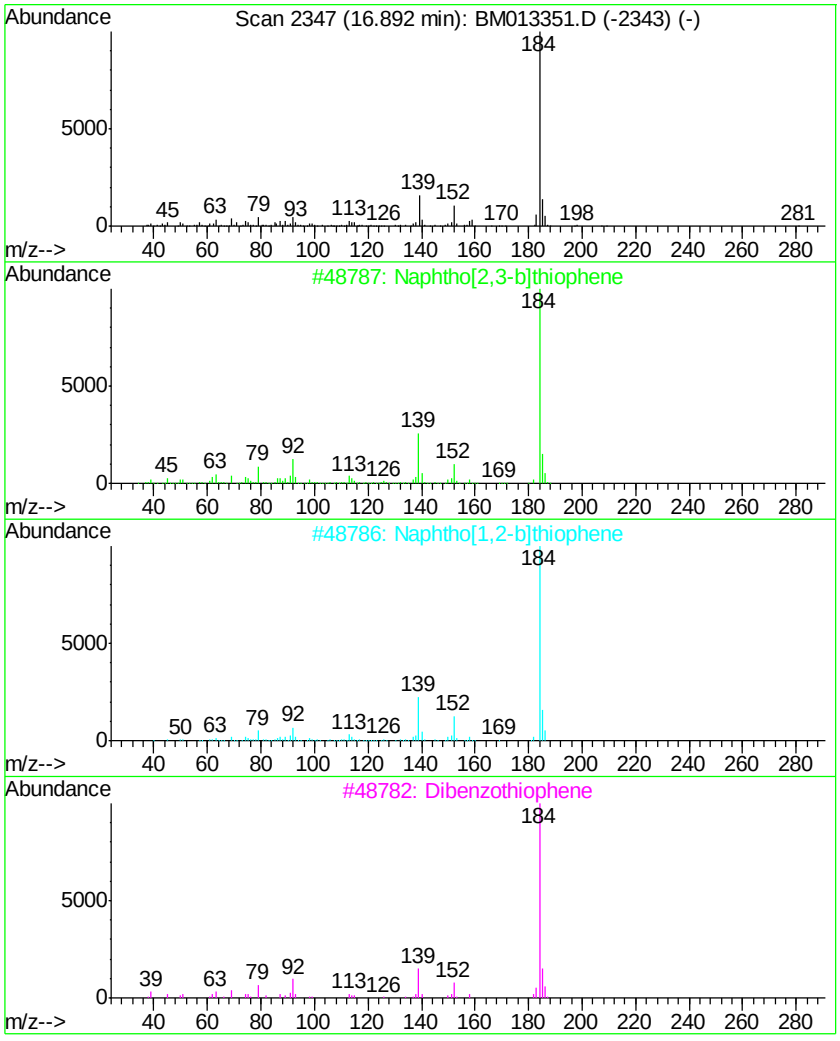
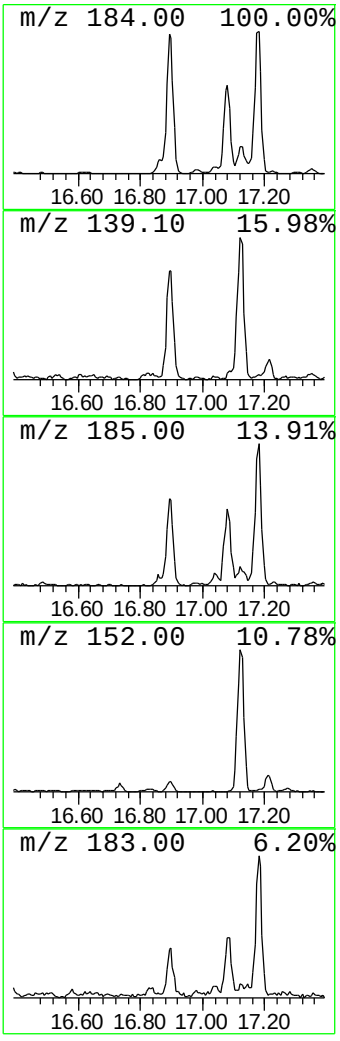
Peak Number 12 Naphtho[2,3-b]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	5.27 ng/ul	983447	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91





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Instrument : BNA_M
ClientSampleId : F9A59

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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 13 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.73 ng/ul	509038	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
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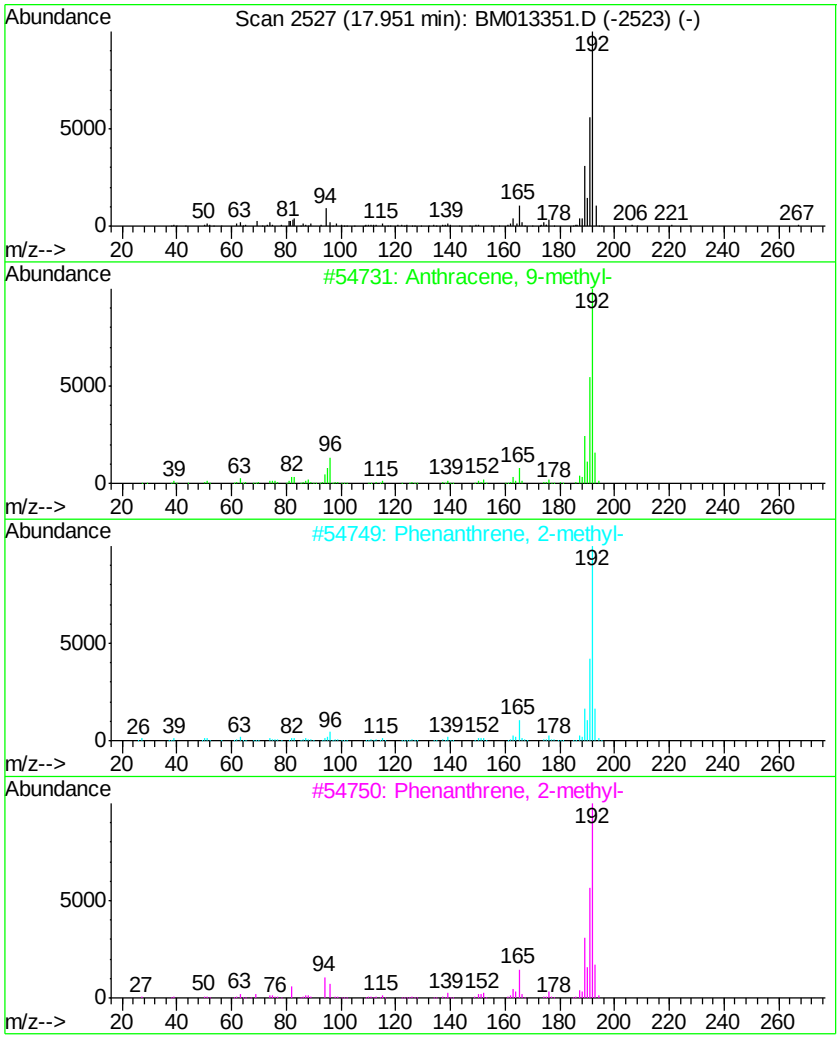
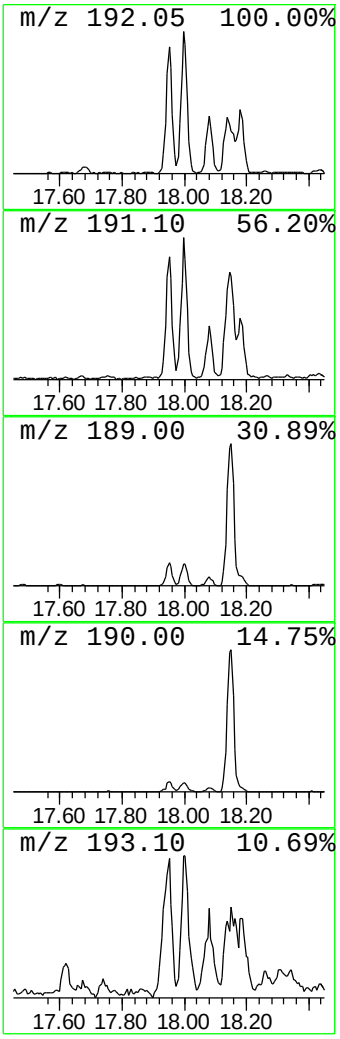
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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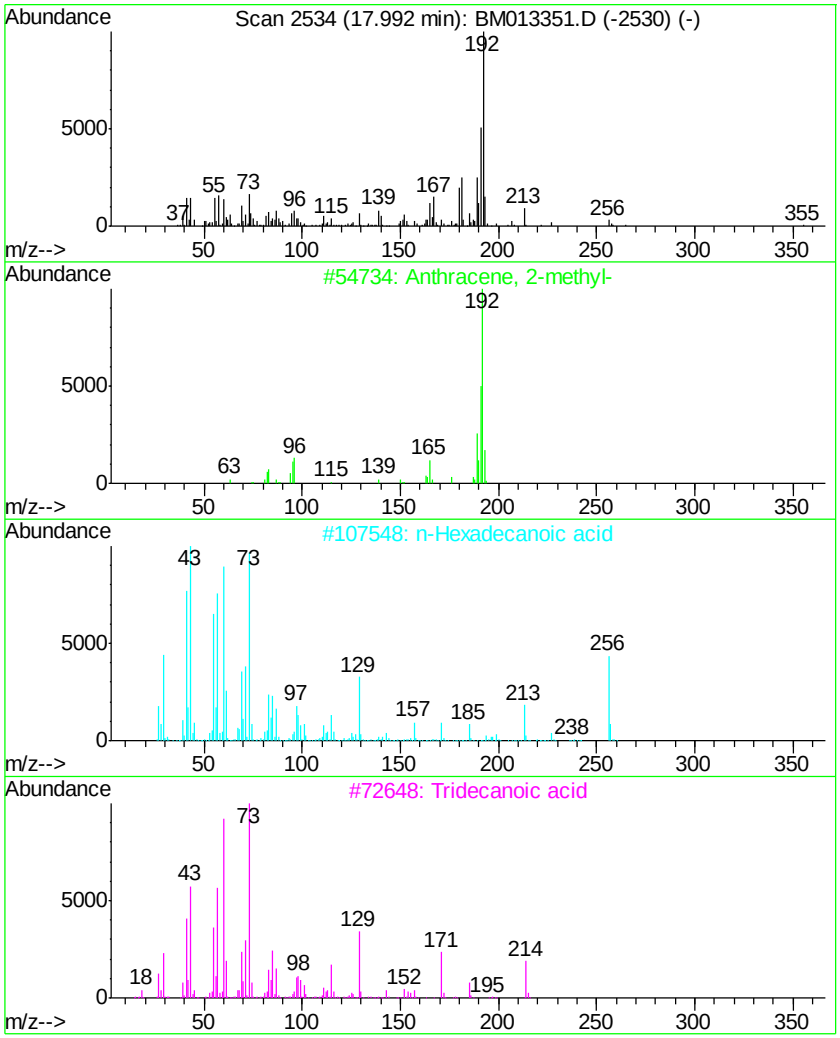
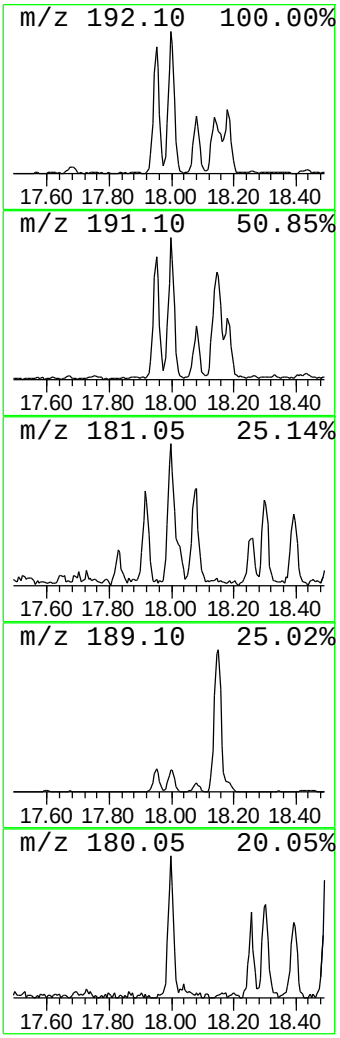
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	7.16 ng/ul	1335490	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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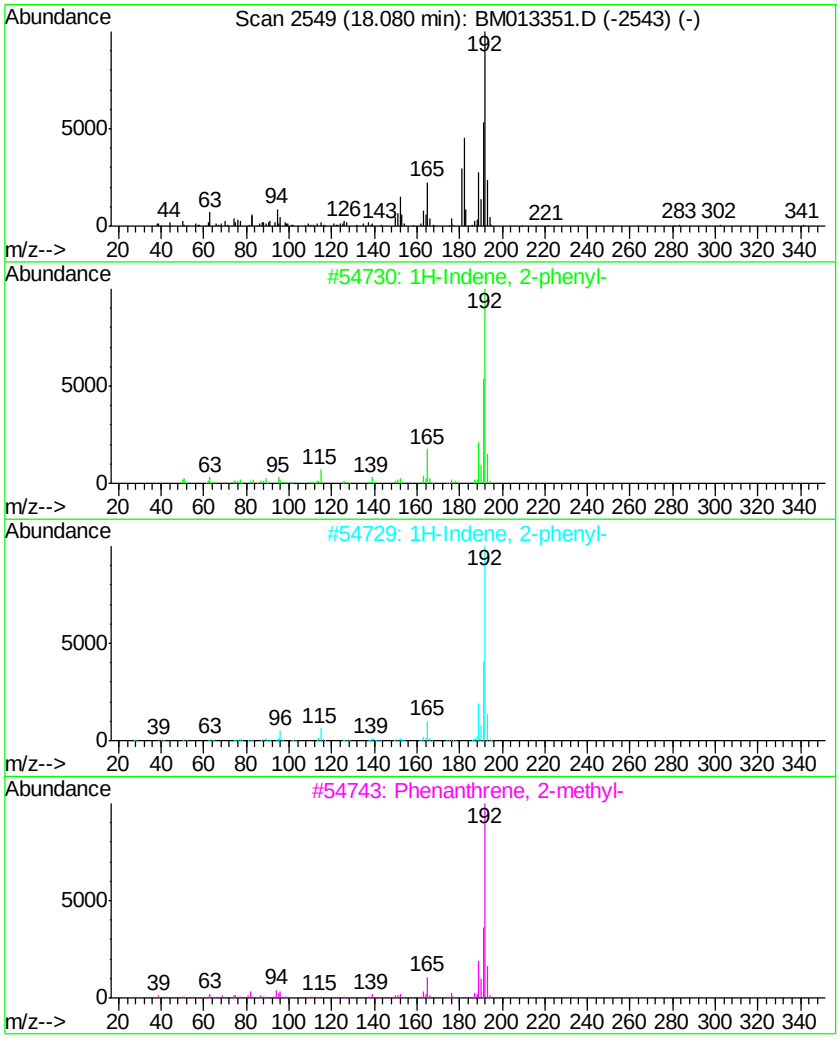
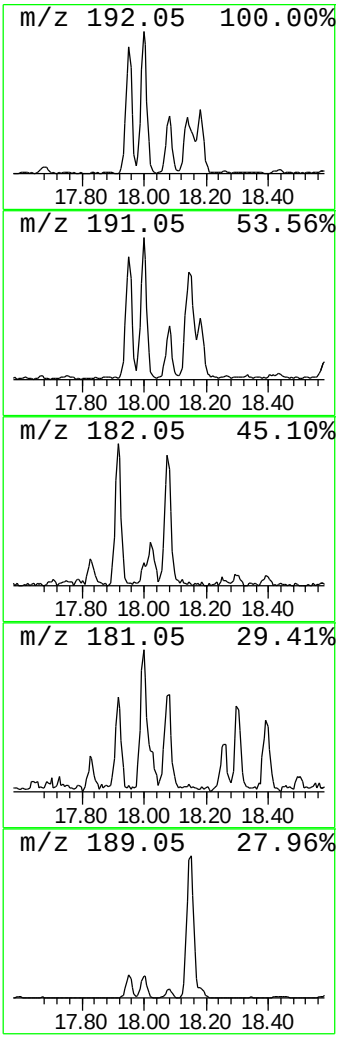
Peak Number 15 1H-Indene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.20 ng/ul	409849	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60





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Quant Title : SVOA CALIBRATION

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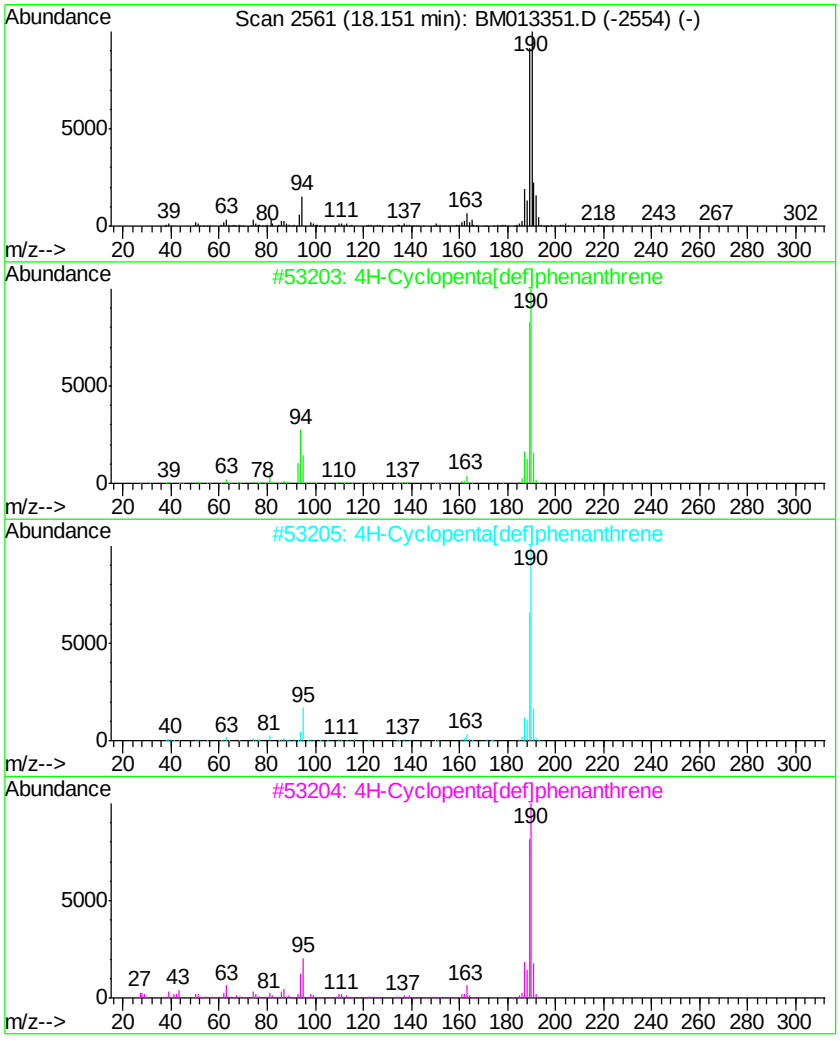
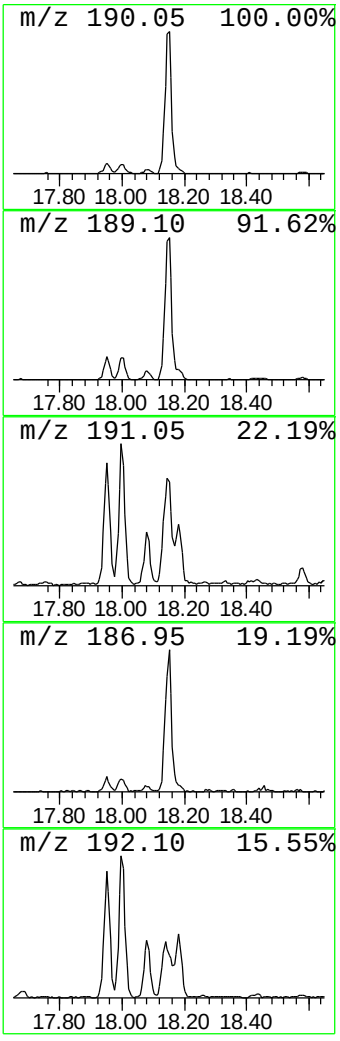
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	7.82 ng/ul	1458600	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A59

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Quant Title : SVOA CALIBRATION

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

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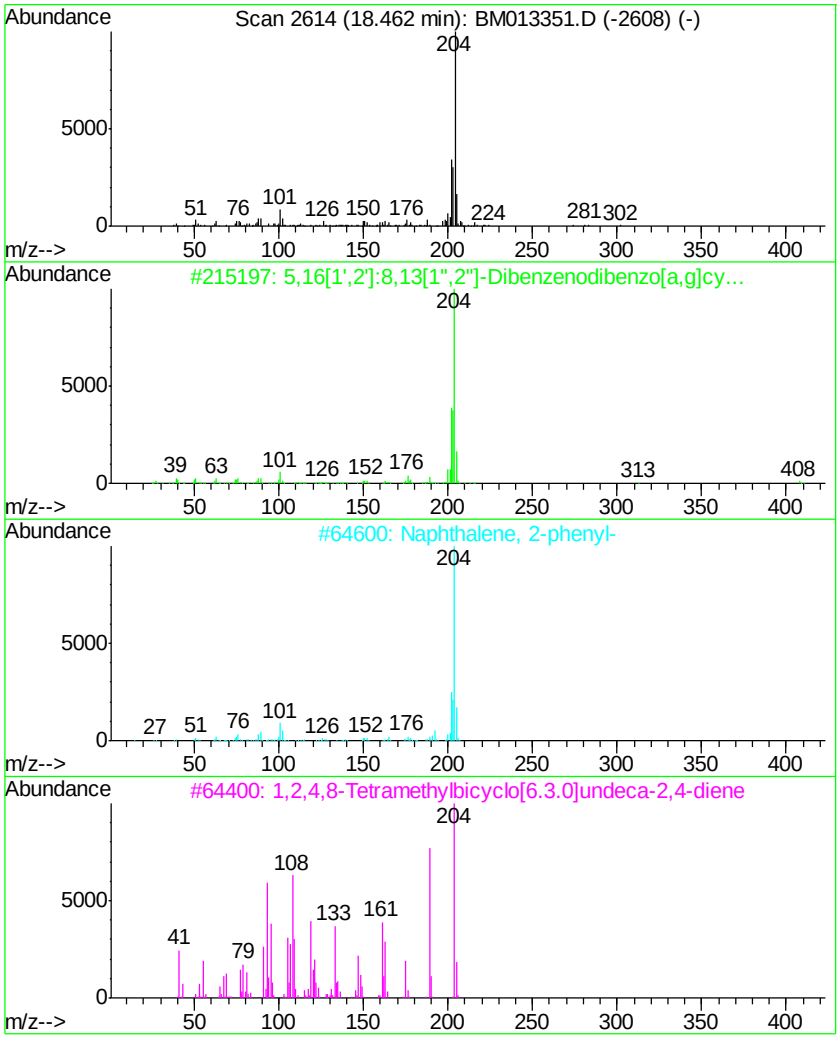
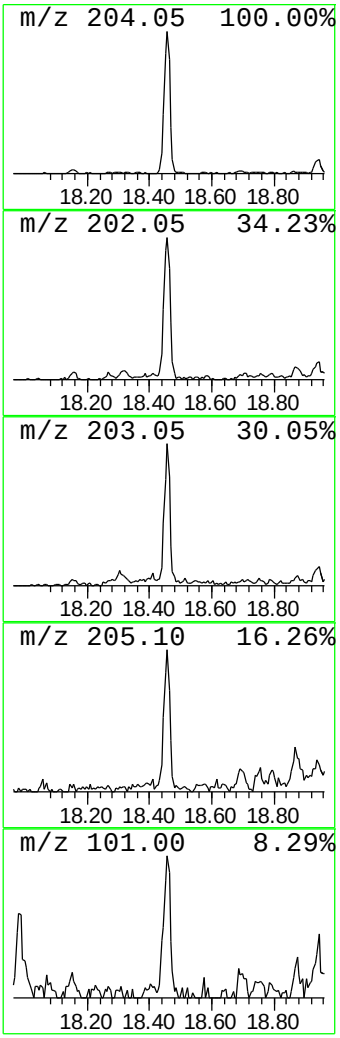
Peak Number 17 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.22 ng/ul	415180	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013351.D
Acq On : 12 Dec 2017 22:24
Operator : SJ/JU
Sample : I6776-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A59

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

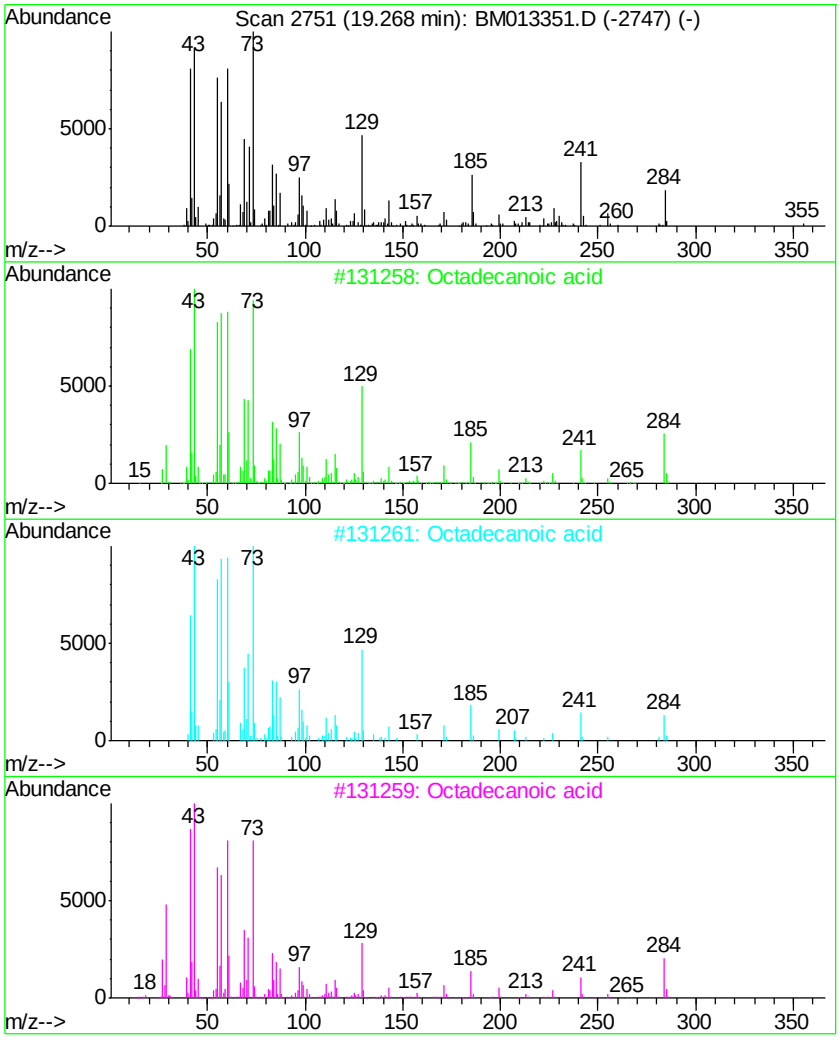
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

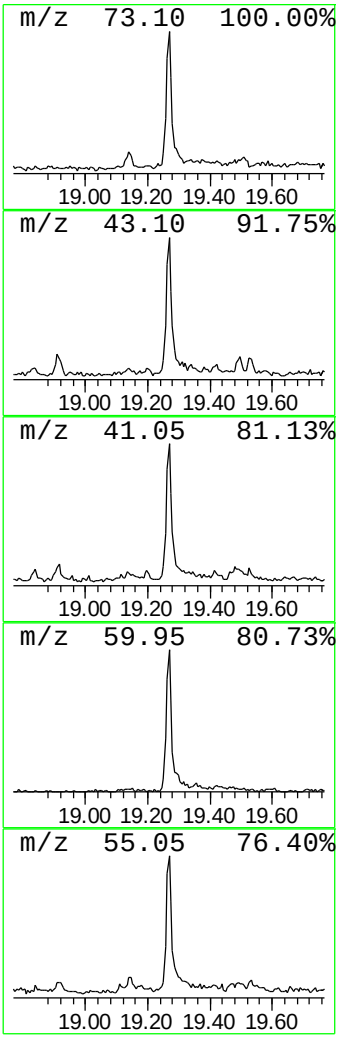
****

Peak Number 18 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.50 ng/ul	671180	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013351.D
Acq On : 12 Dec 2017 22:24
Operator : SJ/JU
Sample : I6776-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A59

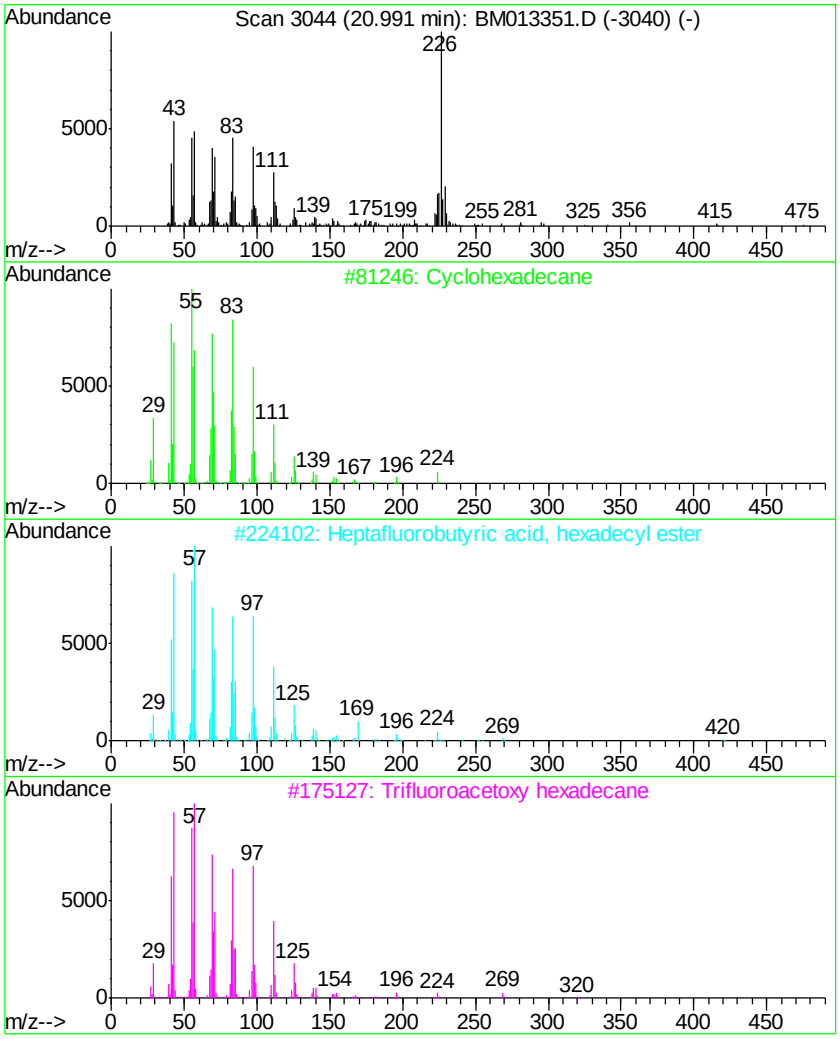
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

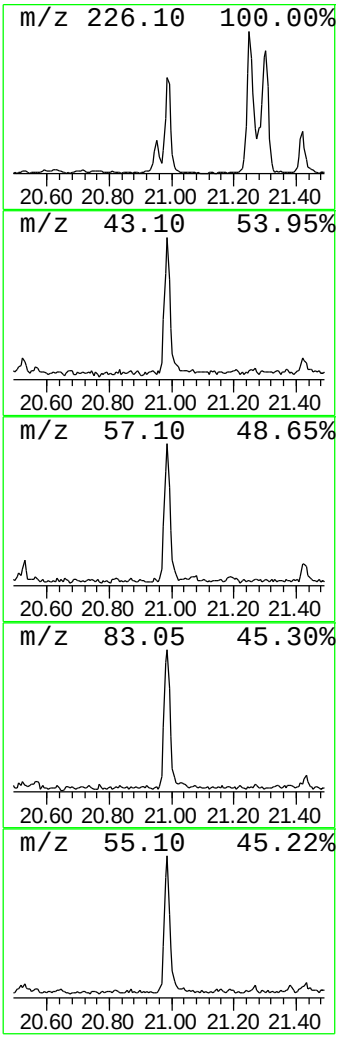
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic20.99 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.61 ng/ul	700995	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	86
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	83
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	83
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121217\
Data File : BM013351.D
Acq On : 12 Dec 2017 22:24
Operator : SJ/JU
Sample : I6776-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A59

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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
Naphthalene, 1-me...	12.35	16.7	ng/ul	1917920	2	10.46	2301780	20.0
Naphthalene, 2-et...	13.35	3.6	ng/ul	621816	3	14.33	3476230	20.0
Naphthalene, 2,6-...	13.49	2.4	ng/ul	413739	3	14.33	3476230	20.0
Naphthalene, 1,3-...	13.64	4.5	ng/ul	787981	3	14.33	3476230	20.0
Naphthalene, 2,3-...	13.89	2.2	ng/ul	382364	3	14.33	3476230	20.0
1-Isopropenylnaph...	14.64	2.6	ng/ul	450378	3	14.33	3476230	20.0
Nordiphenamid	15.54	3.7	ng/ul	643827	3	14.33	3476230	20.0
[1,1'-Biphenyl]-4...	15.67	3.8	ng/ul	660733	3	14.33	3476230	20.0
6H-Dibenzo[b,d]-p...	15.82	5.0	ng/ul	926981	4	17.08	3732130	20.0
(DEL) Alkane: Str...	16.06	3.3	ng/ul	616207	4	17.08	3732130	20.0
Phenanthrene, 1,2...	16.84	3.2	ng/ul	589310	4	17.08	3732130	20.0
Naphtho[2,3-b]thi...	16.89	5.3	ng/ul	983447	4	17.08	3732130	20.0
Anthracene, 9-met...	17.95	2.7	ng/ul	509038	4	17.08	3732130	20.0
Anthracene, 2-met...	17.99	7.2	ng/ul	1335490	4	17.08	3732130	20.0
1H-Indene, 2-phenyl-	18.08	2.2	ng/ul	409849	4	17.08	3732130	20.0
4H-Cyclopenta[def...	18.15	7.8	ng/ul	1458600	4	17.08	3732130	20.0
5,16[1',2']:8,13[...	18.46	2.2	ng/ul	415180	4	17.08	3732130	20.0
Octadecanoic acid	19.27	2.5	ng/ul	671180	5	21.27	5367870	20.0
(DEL) Alkane: Cyc...	20.99	2.6	ng/ul	700995	5	21.27	5367870	20.0