LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

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-BM011018.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	6.763	630	642	655	rVB	474102	929230	4.14%	0.374%
2	6.922	662	669	680	rBV	369711	589693	2.63%	0.237%
3	7.116	695	702	710	rBV	517421	841757	3.75%	0.338%
4	7.575	769	780	788	rBV	625023	1043006	4.64%	0.419%
5	8.293	896	902	911	rBV	492638	864424	3.85%	0.348%
6	8.734	971	977	982	rBV	505375	867923	3.86%	0.349%
7	8.787	982	986	995	rVB	313907	469813	2.09%	0.189%
8	9.446	1089	1098	1107	rBV2	434828	905077	4.03%	0.364%
9	9.987	1184	1190	1196	rBV	686859	1207307	5.38%	0.485%
10	10.328	1240	1248	1249	rBV	719694	1069238	4.76%	0.430%
11	10.351	1250	1252	1255	rVV	781479	983450	4.38%	0.395%
12	10.404	1255	1261	1267	rVB	5223850	8442618	37.59%	3.395%
13	10.504	1273	1278	1286	rVB3	552775	1016386	4.53%	0.409%
14	11.369	1420	1425	1430	rBV2	481457	803580	3.58%	0.323%
15	11.781	1485	1495	1500	rBV	1301885	1958050	8.72%	0.787%
16	12.028	1527	1537	1543	rVB	7417568	11661920	51.92%	4.690%
17	12.245	1564	1574	1583	rVB	3511586	5733585	25.53%	2.306%
18	12.610	1632	1636	1646	rVB3	269327	463676	2.06%	0.186%
19	12.751	1655	1660	1665	rVV	620465	870456	3.88%	0.350%
20	13.051	1705	1711	1718	rVV2	3200536	4704211	20.95%	1.892%
21	13.251	1740	1745	1749	rBV	617013	913820	4.07%	0.367%
22	13.387	1761	1768	1769	rBV	1020430	1471557	6.55%	0.592%
23	13.545	1789	1795	1800	rBV	1486836	2631920	11.72%	1.058%
24	13.598	1800	1804	1808	rVV	1066858	1765314	7.86%	0.710%
25	13.645	1808	1812	1817	rVV	1070547	1820529	8.11%	0.732%
26	13.710	1817	1823	1828	rVV3	1208292	2179899	9.71%	0.877%
27	13.757	1828	1831	1833	rVV	365452	519043	2.31%	0.209%
28	13.781	1833	1835	1839	rVV	507027	717121	3.19%	0.288%
29	13.922	1853	1859	1862	rBV	1213269	1806454	8.04%	0.726%
30	13.951	1862	1864	1871	rVB	406418	513659	2.29%	0.207%
31	14.139	1889	1896	1901	rBV	2966995	3974330	17.70%	1.598%
32	14.216	1902	1909	1917	rVV3	2070149	4464158	19.88%	1.795%
33	14.292	1917	1922	1931	rVV	3442146	5556794	24.74%	2.235%
34	14.469	1949	1952	1958	rVV2	413243	693107	3.09%	0.279%

LSC Area Percent Report

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Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

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-BM011018.M
Title : SVOA CALIBRATION

35	14.586	1968	1972	1975	rVV3	337786	653812	2.91%	0.263%
36	14.633	1975	1980	1987	rVV	4612290	6506897	28.97%	2.617%
37	14.710	1988	1993	1997	rVV2	365932	632554	2.82%	0.254%
38	14.757	1997	2001	2009	rVB2	741605	1153368	5.14%	0.464%
39	14.857	2015	2018	2023	rVV2	342160	561978	2.50%	0.226%
40	15.016	2039	2045	2050	rBV4	273636	635558	2.83%	0.256%
41	15.092	2050	2058	2063	rVB	3522461	4792793	21.34%	1.927%
42	15.228	2076	2081	2086	rVB	1375991	2059860	9.17%	0.828%
43	15.286	2086	2091	2096	rBV	3247989	4568666	20.34%	1.837%
44	15.381	2103	2107	2110	rBV	457682	699818	3.12%	0.281%
45	15.445	2115	2118	2122	rVV2	473897	616942	2.75%	0.248%
46	15.498	2122	2127	2131	rVV	1196071	1878898	8.37%	0.756%
47	15.580	2137	2141	2149	rVB	1178690	1955931	8.71%	0.787%
48	15.651	2149	2153	2157	rBV2	367053	544542	2.42%	0.219%
49	15.704	2157	2162	2164	rBV2	1447948	2112163	9.40%	0.849%
50	15.728	2164	2166	2173	rVB	1176564	1922943	8.56%	0.773%
51	15.963	2200	2206	2208	rBV2	4663396	6980621	31.08%	2.807%
52	16.028	2213	2217	2221	rVB2	763586	1074281	4.78%	0.432%
53	16.298	2259	2263	2267	rVB3	496817	701726	3.12%	0.282%
54	16.527	2297	2302	2305	rVV3	348194	598201	2.66%	0.241%
55	16.563	2305	2308	2311	rVB	430293	491683	2.19%	0.198%
56	16.645	2318	2322	2329	rVB4	957211	1500002	6.68%	0.603%
57	16.751	2330	2340	2345	rVV	4112947	6008388	26.75%	2.416%
58	16.804	2345	2349	2359	rVB	2031456	3091866	13.77%	1.243%
59	16.892	2360	2364	2374	rVB5	330783	565794	2.52%	0.228%
60	16.986	2375	2380	2383	rBV	1247866	1949144	8.68%	0.784%
61	17.039	2383	2389	2393	rVV	15943551	22459710	100.00%	9.032%
62	17.086	2393	2397	2400	rVV2	1633604	2466412	10.98%	0.992%
63	17.122	2400	2403	2408	rVV	2116194	2703211	12.04%	1.087%
64	17.216	2415	2419	2424	rVB3	461733	772232	3.44%	0.311%
65	17.404	2446	2451	2461	rVV4	565969	1346393	5.99%	0.541%
66	17.492	2461	2466	2472	rVV	4123382	5142556	22.90%	2.068%
67	17.569	2476	2479	2488	rVB5	308139	671875	2.99%	0.270%
68	17.769	2509	2513	2522	rBV5	257371	553922	2.47%	0.223%
69	17.863	2524	2529	2532	rVV	1253020	1880771	8.37%	0.756%
70	17.910	2532	2537	2544	rVV	1788528	2935100	13.07%	1.180%
71	17.992	2547	2551	2556	rVV	579195	888966	3.96%	0.357%

LSC Area Percent Report

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Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

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-BM011018.M
Title : SVOA CALIBRATION

72	18.057	2556	2562	2566	rVV2	1596985	2946642	13.12%	1.185%
73	18.092	2566	2568	2572	rVB	713070	731514	3.26%	0.294%
74	18.186	2579	2584	2588	rBV	3653480	4266840	19.00%	1.716%
75	18.369	2610	2615	2620	rBV	1028917	1344377	5.99%	0.541%
76	18.651	2660	2663	2669	rVV3	240069	479483	2.13%	0.193%
77	18.786	2679	2686	2689	rBV3	341794	736911	3.28%	0.296%
78	18.827	2689	2693	2700	rVB	3311461	4008906	17.85%	1.612%
79	19.057	2726	2732	2739	rVB	11517279	14533599	64.71%	5.844%
80	19.298	2770	2773	2783	rVB	305705	557612	2.48%	0.224%
81	19.416	2783	2793	2802	rBV3	7625184	16850939	75.03%	6.776%
82	19.492	2802	2806	2811	rVB2	352338	546450	2.43%	0.220%
83	19.604	2818	2825	2831	rBV	536099	989641	4.41%	0.398%
84	19.745	2840	2849	2856	rBV5	513399	1538733	6.85%	0.619%
85	19.916	2875	2878	2880	rVV2	693664	905477	4.03%	0.364%
86	19.945	2880	2883	2888	rVB	2844310	3084146	13.73%	1.240%
87	20.015	2891	2895	2899	rBV	681954	880990	3.92%	0.354%
88	20.074	2900	2905	2909	rBV2	354090	566507	2.52%	0.228%
89	20.445	2964	2968	2976	rBV	2432667	2690301	11.98%	1.082%
90	20.874	3037	3041	3043	rVV	403291	521788	2.32%	0.210%
91	20.910	3043	3047	3052	rVB	2245257	2457908	10.94%	0.988%
92	21.180	3087	3093	3097	rBV2	2213490	4442577	19.78%	1.786%
93	21.221	3097	3100	3111	rVB	1293425	1836870	8.18%	0.739%
94	21.345	3117	3121	3127	rVB	1810595	1979821	8.81%	0.796%
95	21.768	3189	3193	3202	rVB	1248863	1595300	7.10%	0.642%
96	22.221	3266	3270	3276	rVB	813968	1043676	4.65%	0.420%
97	22.715	3349	3354	3360	rBV2	862658	1814856	8.08%	0.730%
98	23.239	3437	3443	3448	rBV	1298696	2599513	11.57%	1.045%
99	23.374	3460	3466	3472	rVB	973951	1693504	7.54%	0.681%
100	23.874	3548	3551	3559	rVB	270270	500942	2.23%	0.201%

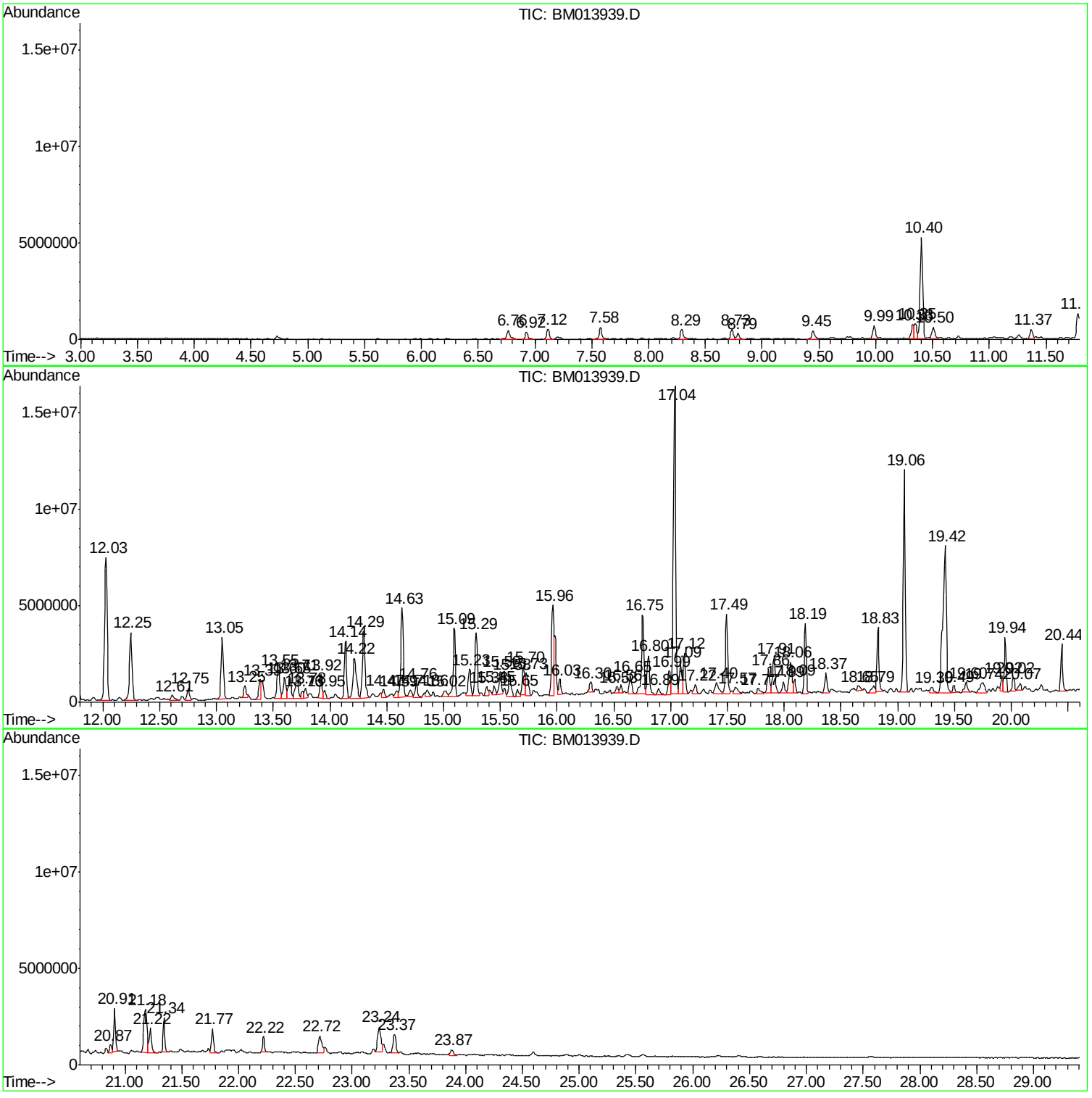
Sum of corrected areas: 248678505

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
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Sample : J1233-13
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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

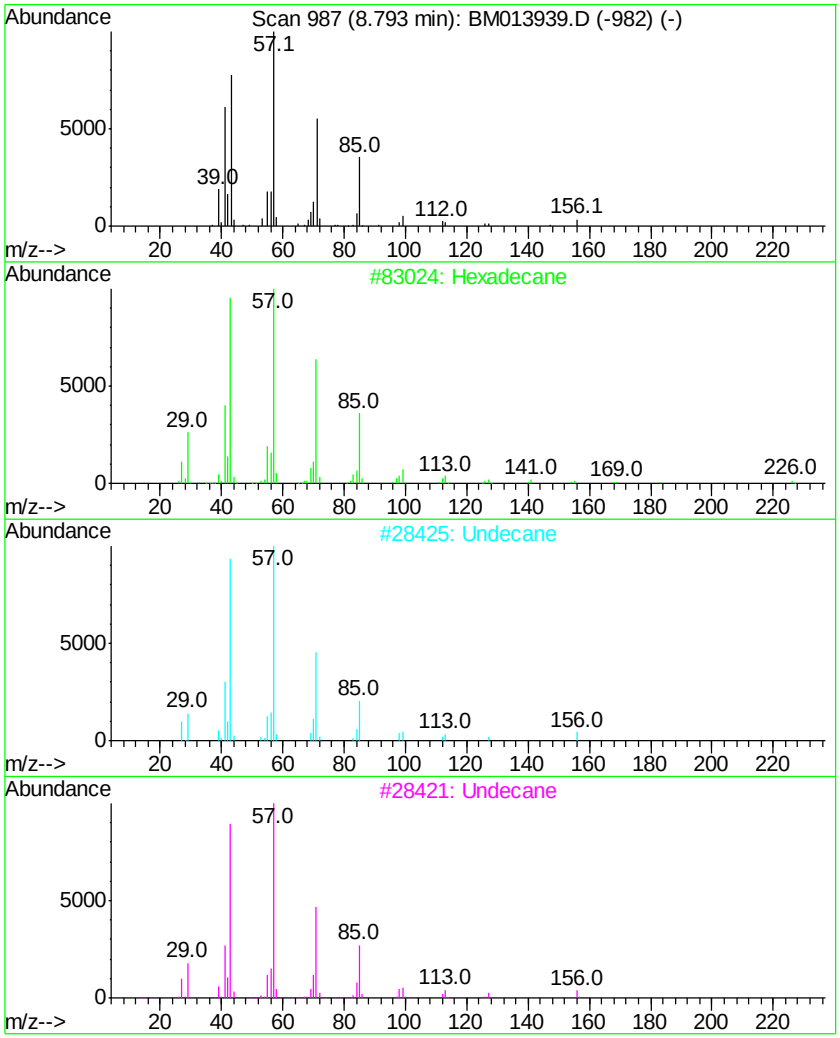
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

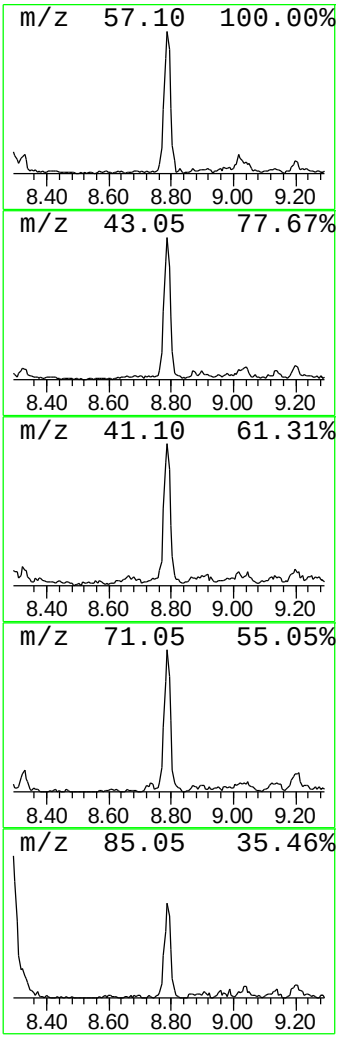
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	9.01 ng/ul	469813	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Undecane	156	C11H24	001120-21-4	76
3	Undecane	156	C11H24	001120-21-4	74
4	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

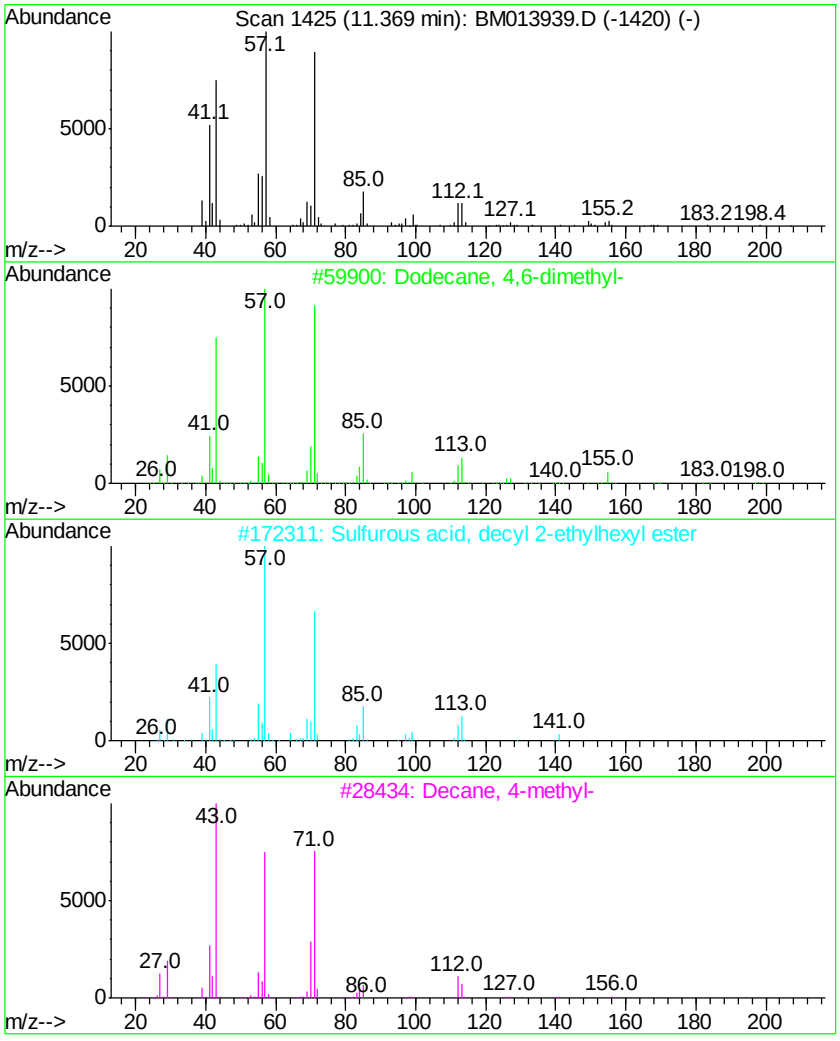
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

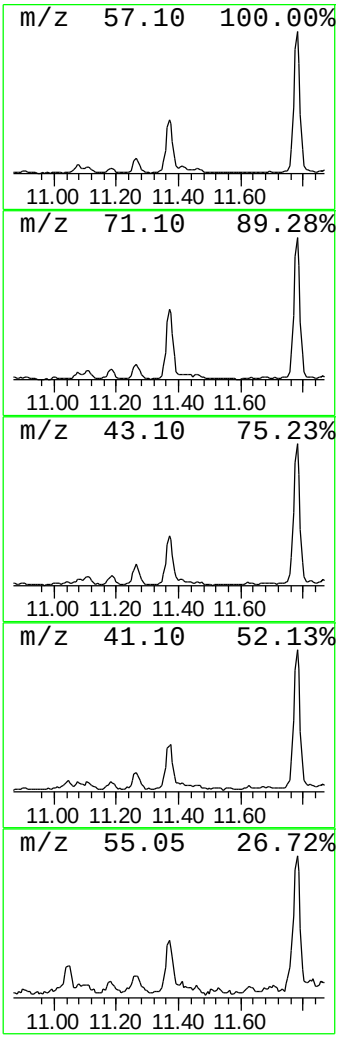
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	16.34 ng/ul	803580	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	91
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
3	Decane, 4-methyl-	156	C11H24	002847-72-5	72
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	58





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

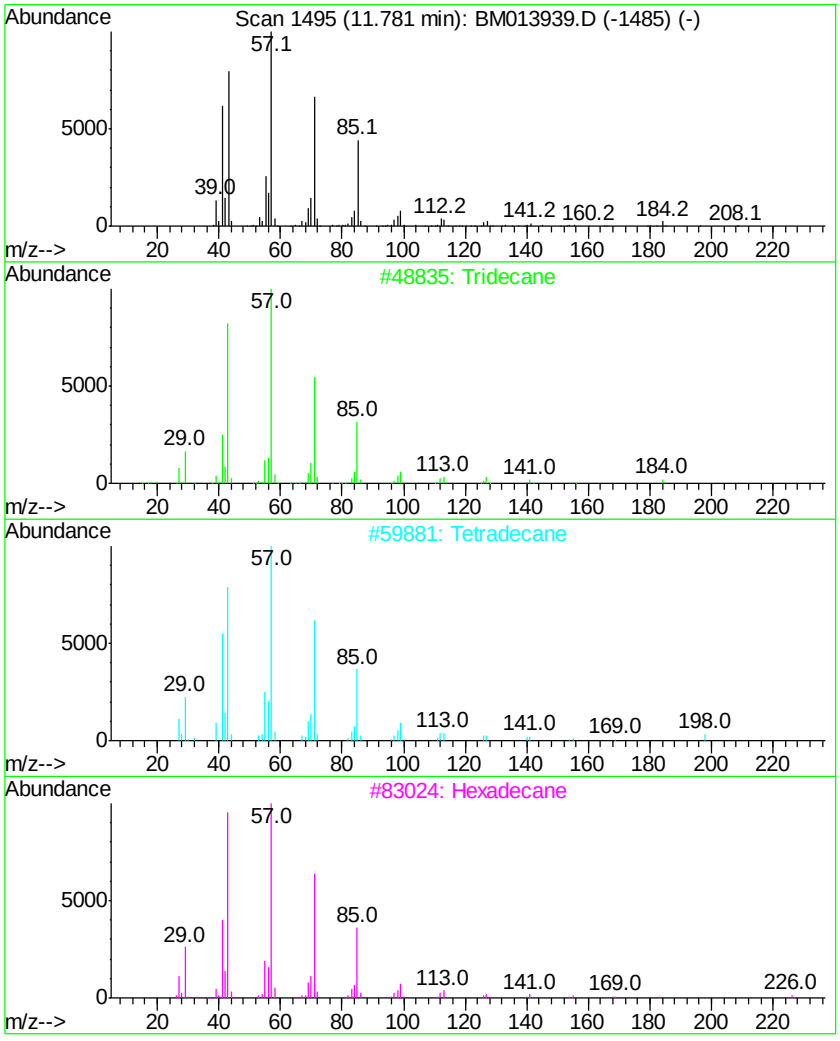
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

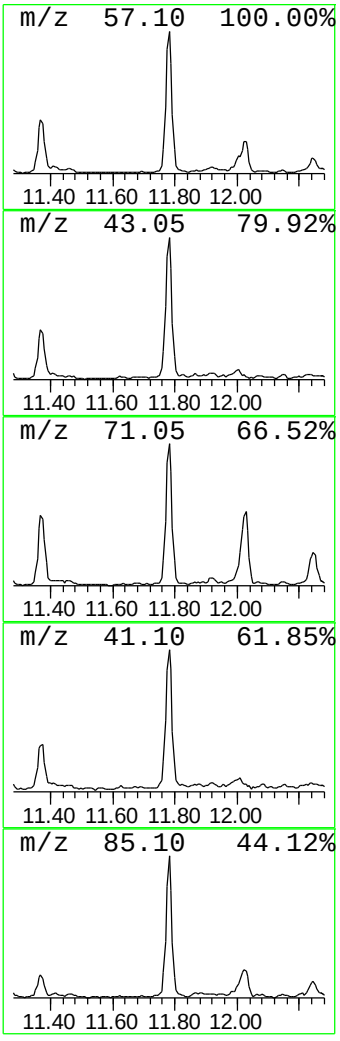
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	39.82 ng/ul	1958050	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Nonadecane	268	C19H40	000629-92-5	86
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

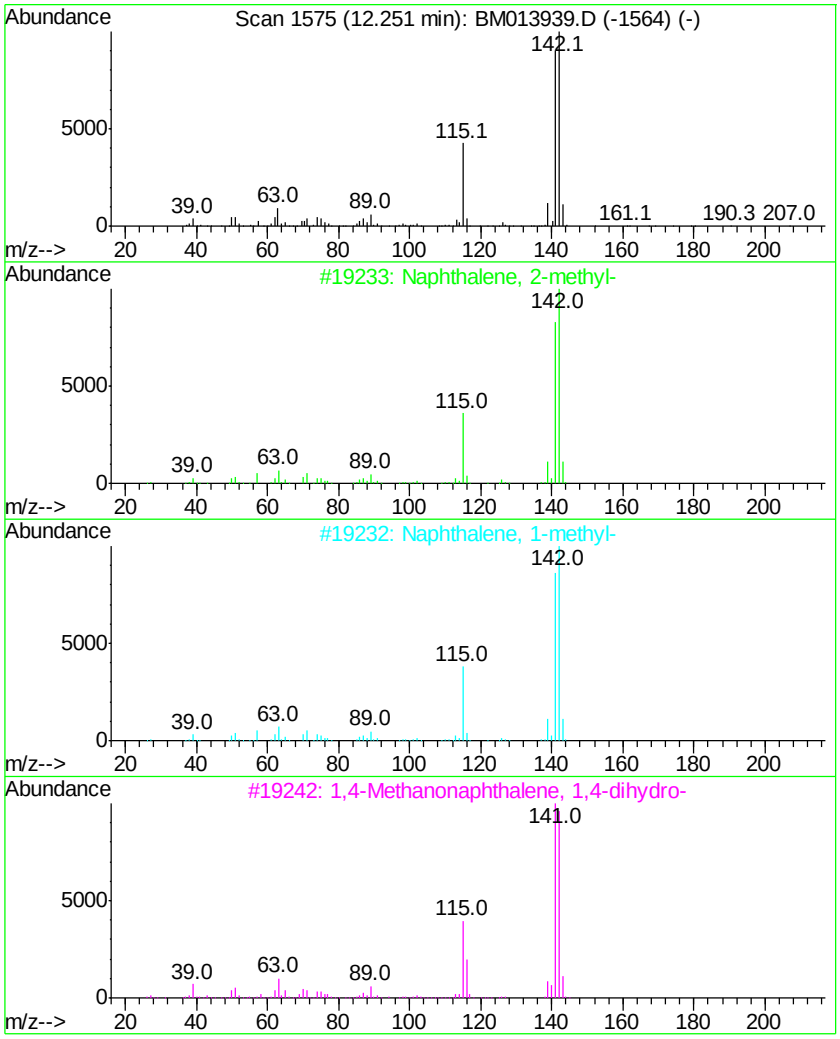
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

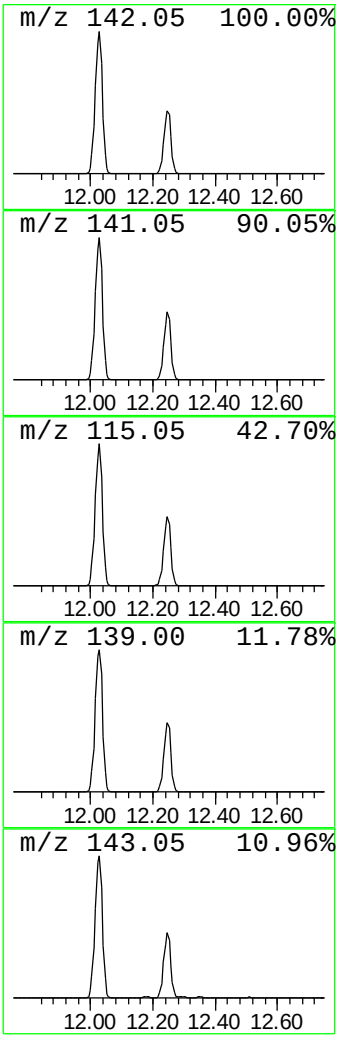
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	116.60 ng/ul	5733590	Naphthalene-d8	10.35

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

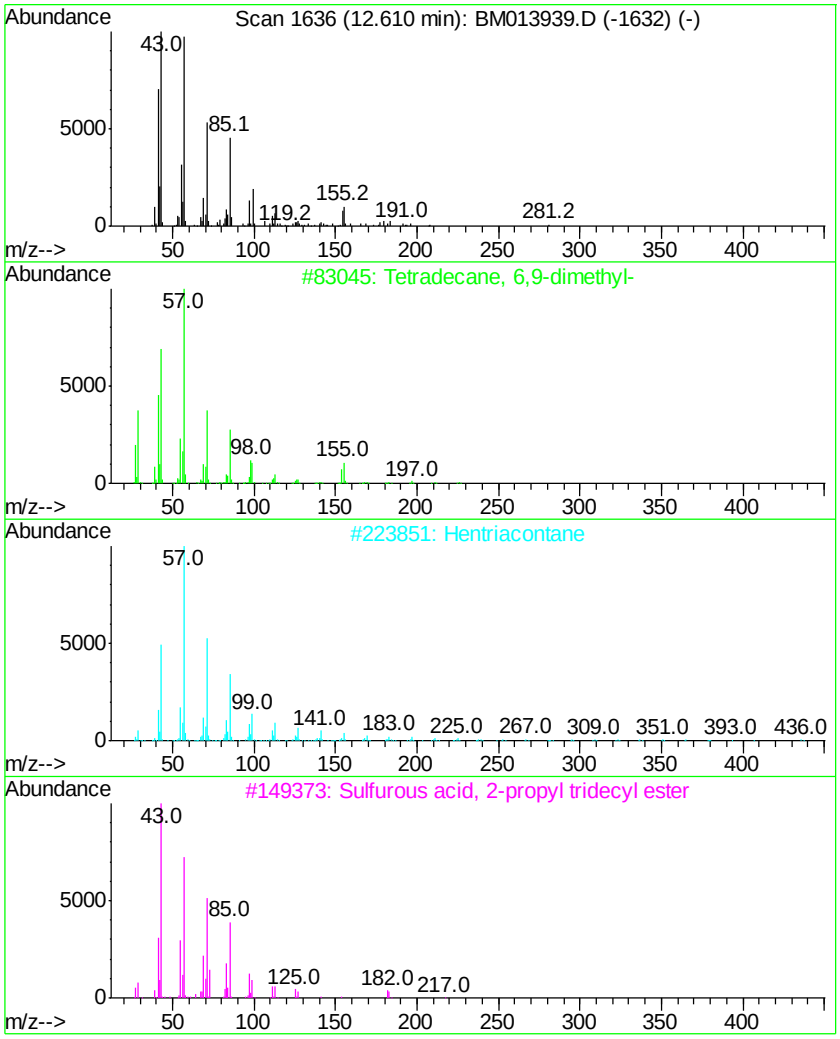
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

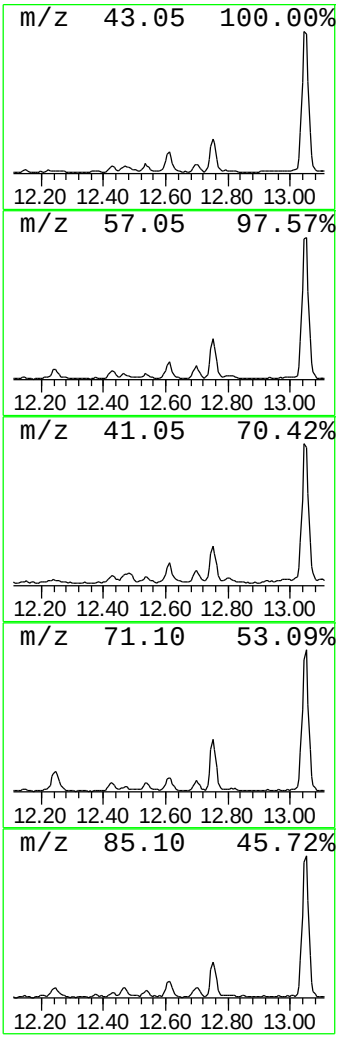
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.08 ng/ul	463676	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	72
2	Hentriacontane	437	C31H64	000630-04-6	64
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	64
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	53
5	1-Iodoundecane	282	C11H23I	004282-44-4	53





Library Search Compound Report

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Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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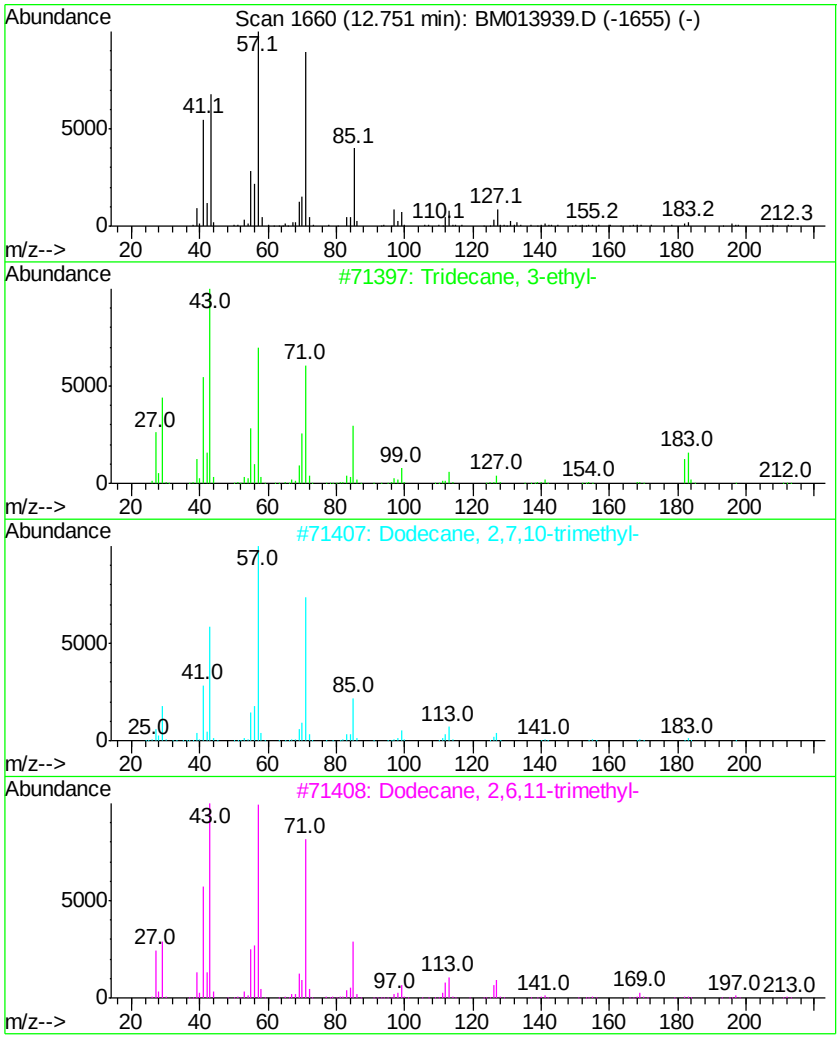
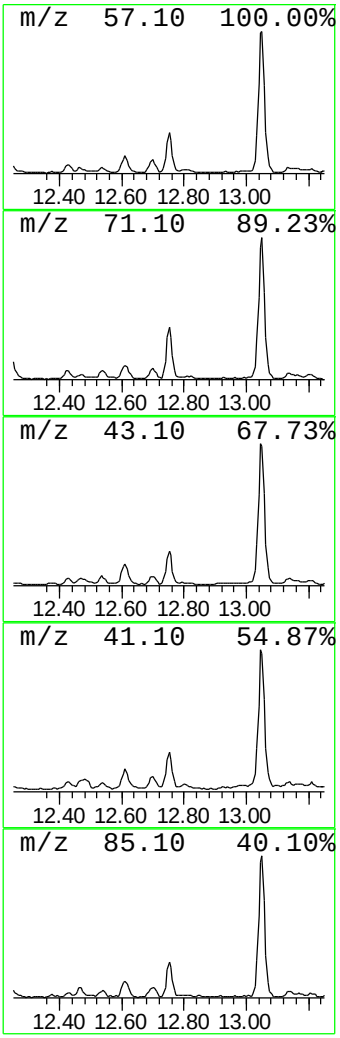
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	3.90 ng/ul	870456	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64





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Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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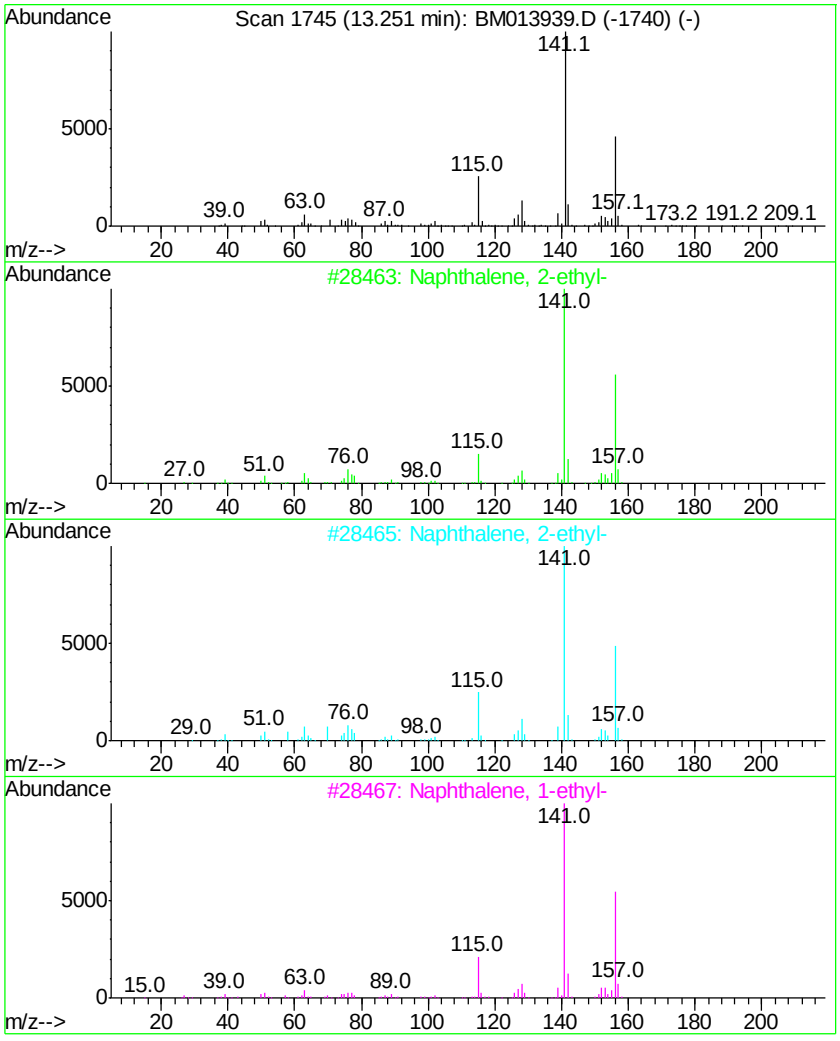
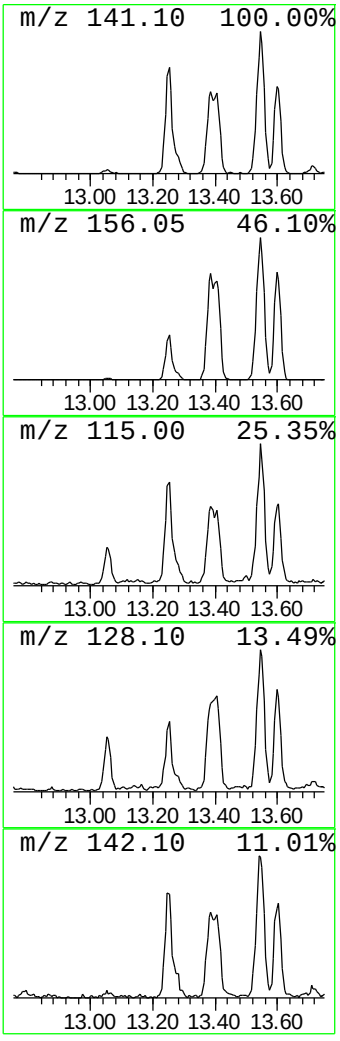
Peak Number 7 Naphthalene, 2-ethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	4.09 ng/ul	913820	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
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	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





Library Search Compound Report

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Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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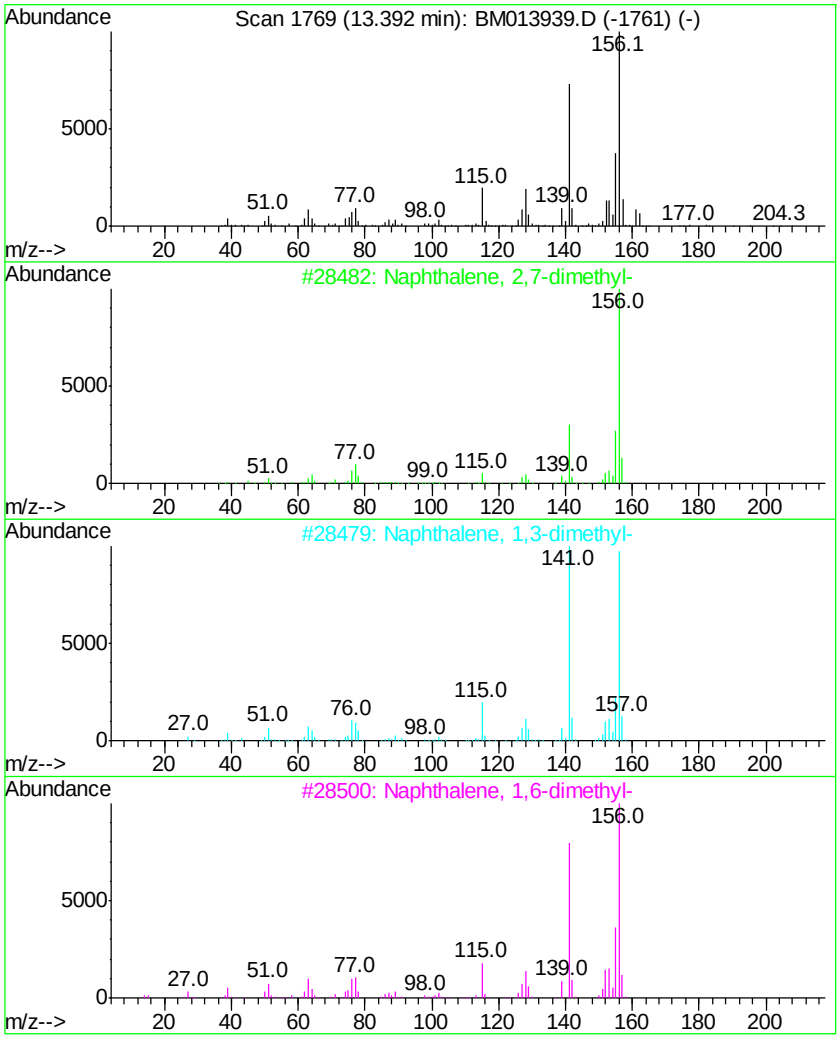
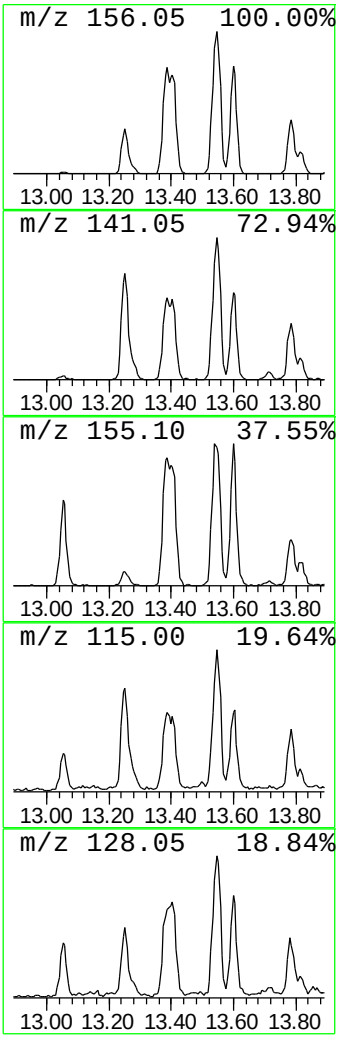
Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	6.59 ng/ul	1471560	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Library Search Compound Report

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Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

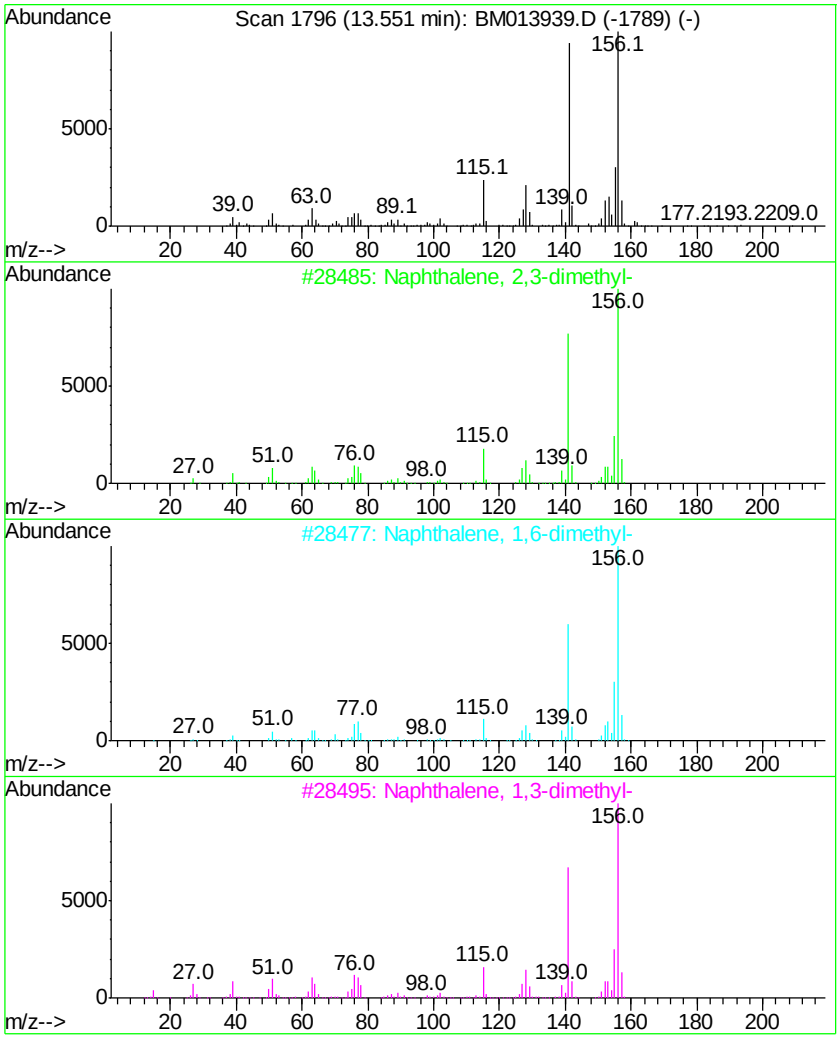
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

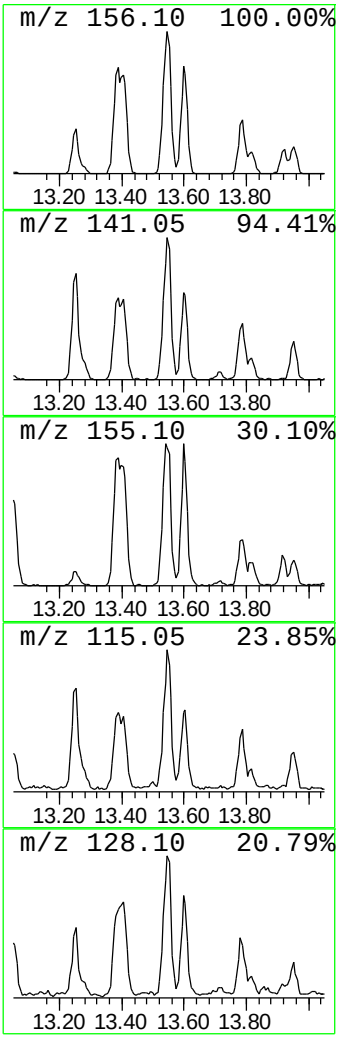
****

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	11.79 ng/ul	2631920	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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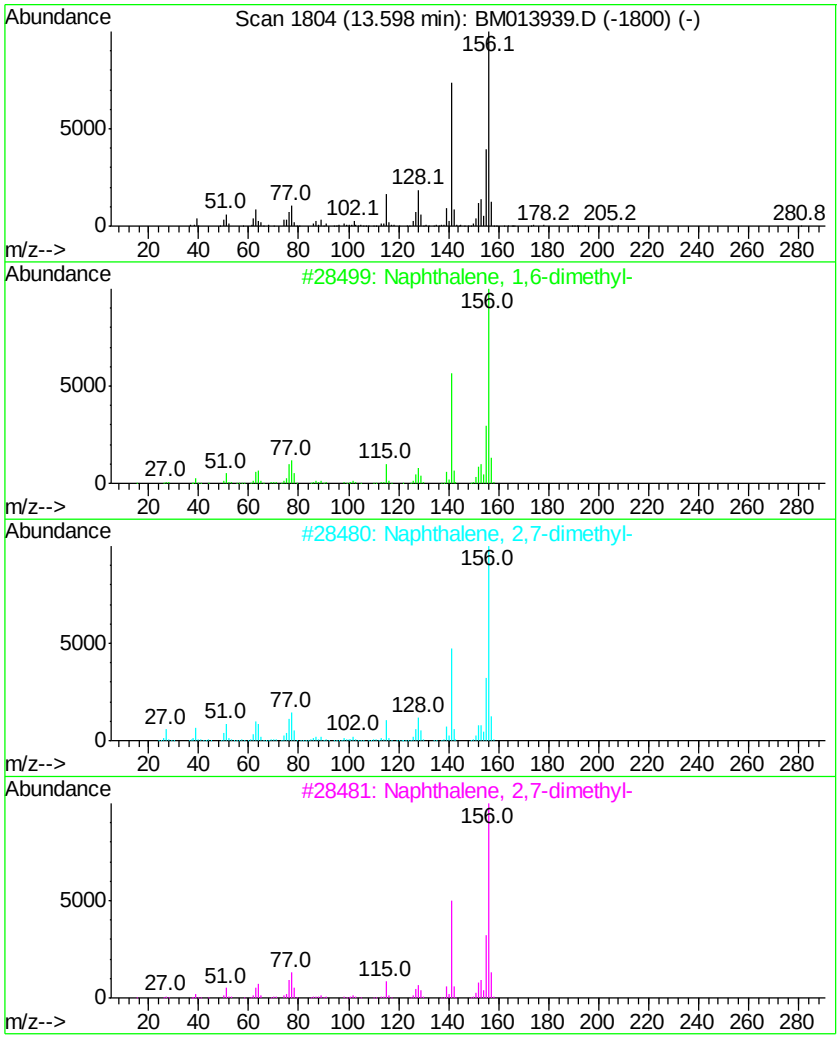
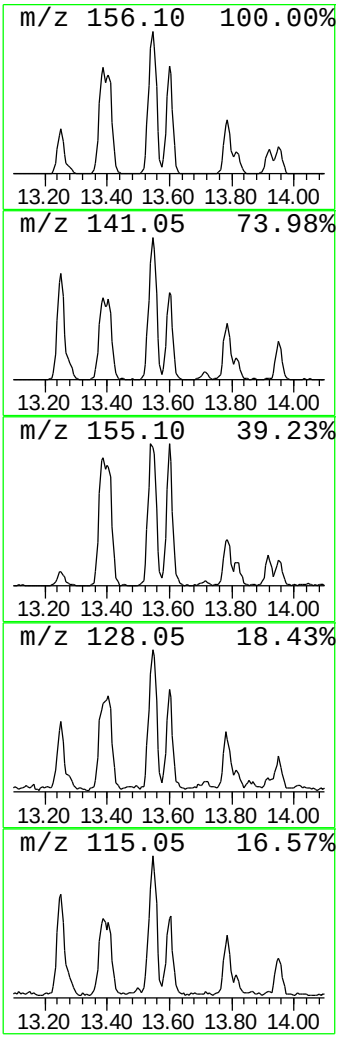
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	7.91 ng/ul	1765310	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

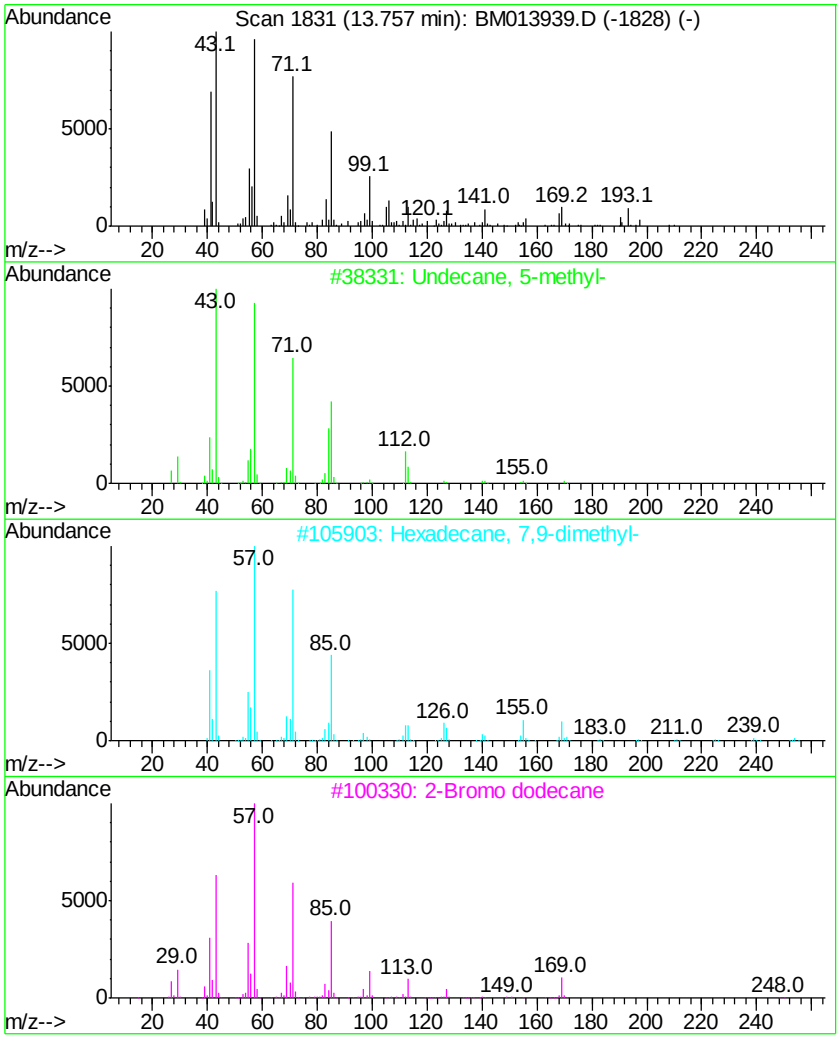
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

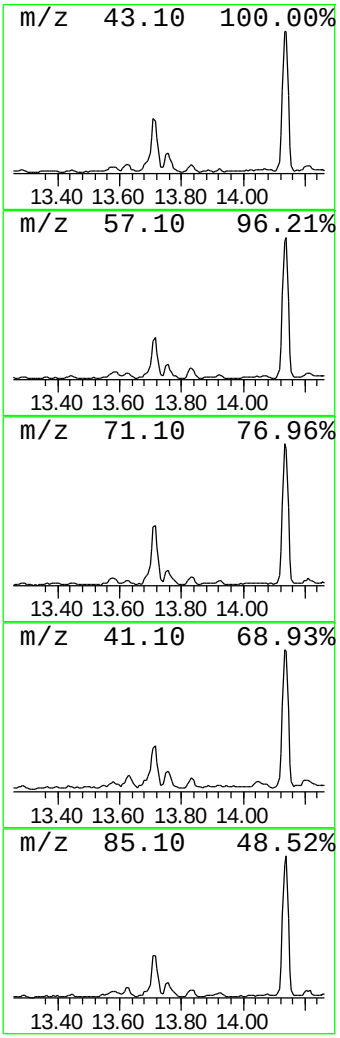
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.33 ng/ul	519043	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	76
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	59





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Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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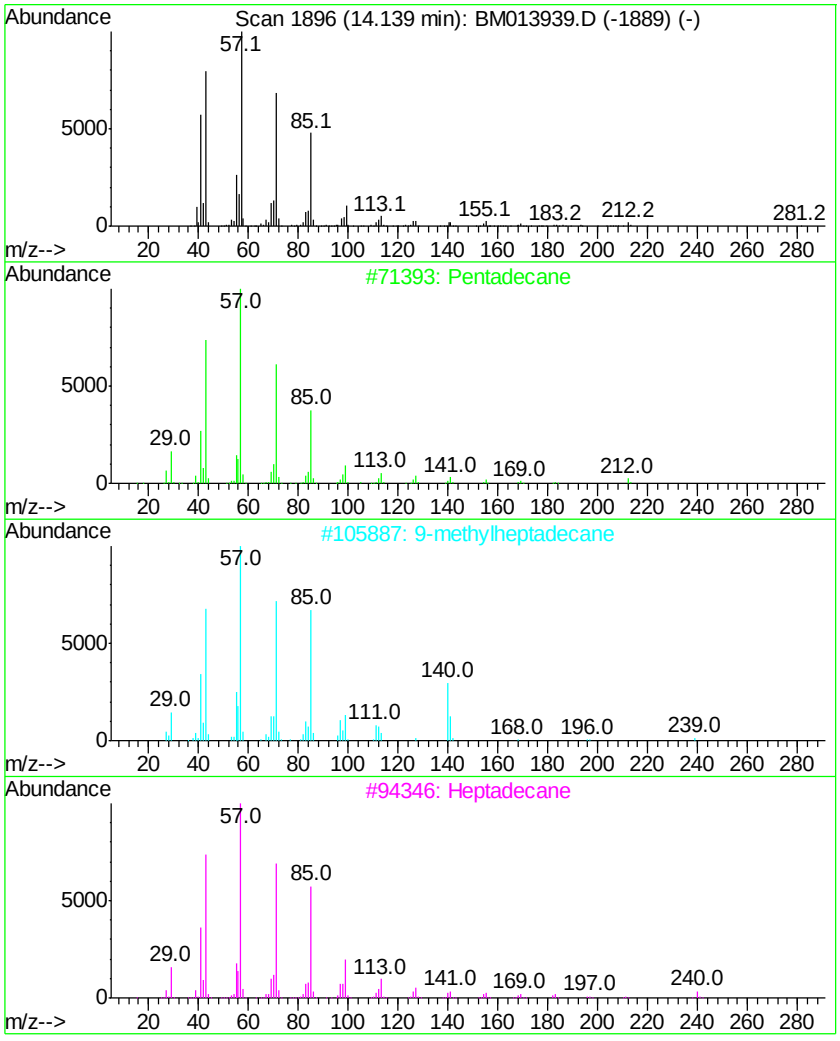
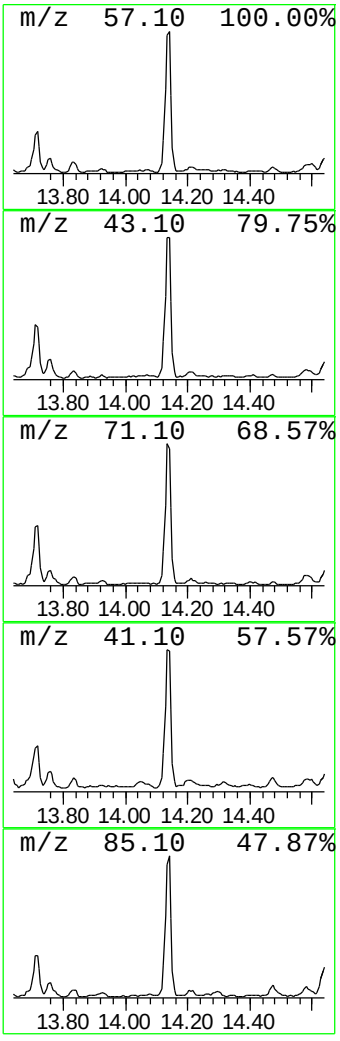
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	17.81 ng/ul	3974330	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	9-methylheptadecane	254	C18H38	026741-18-4	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Pentadecane	212	C15H32	000629-62-9	89
5	Tetradecane	198	C14H30	000629-59-4	87





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Acq On : 29 Jan 2018 01:14
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Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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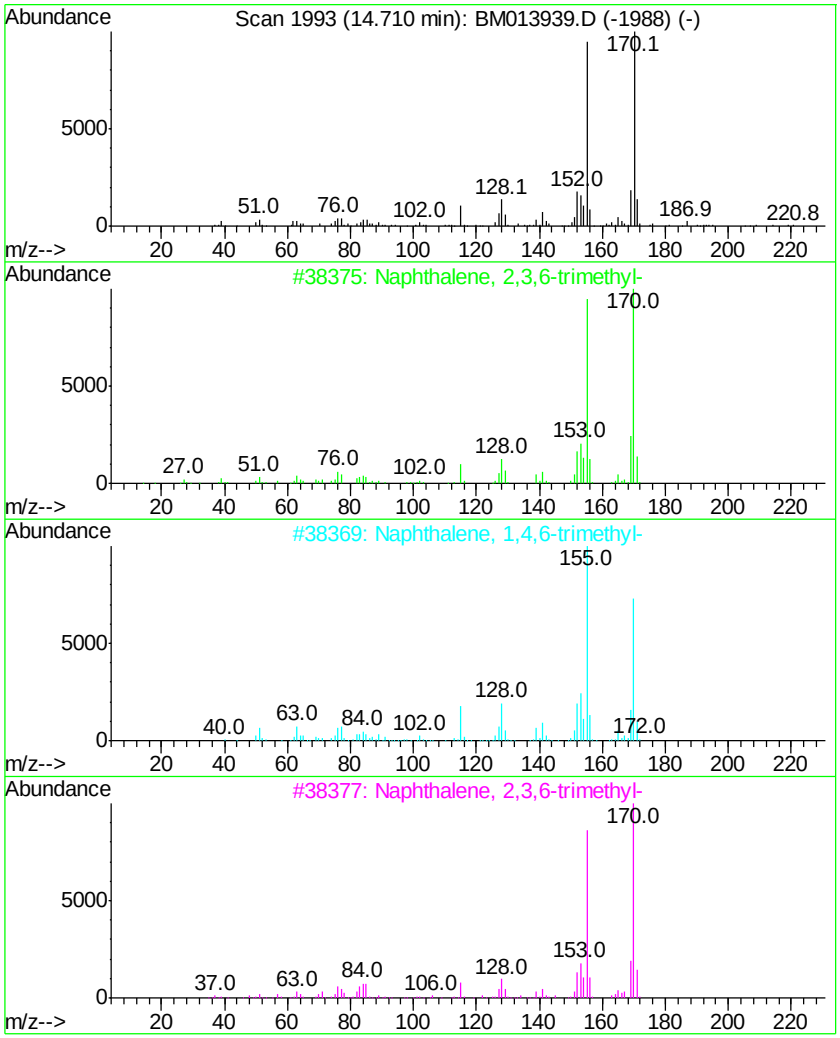
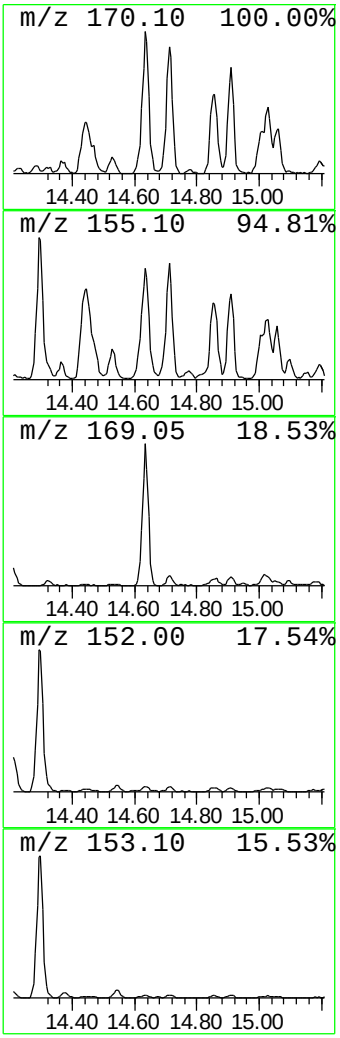
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.83 ng/ul	632554	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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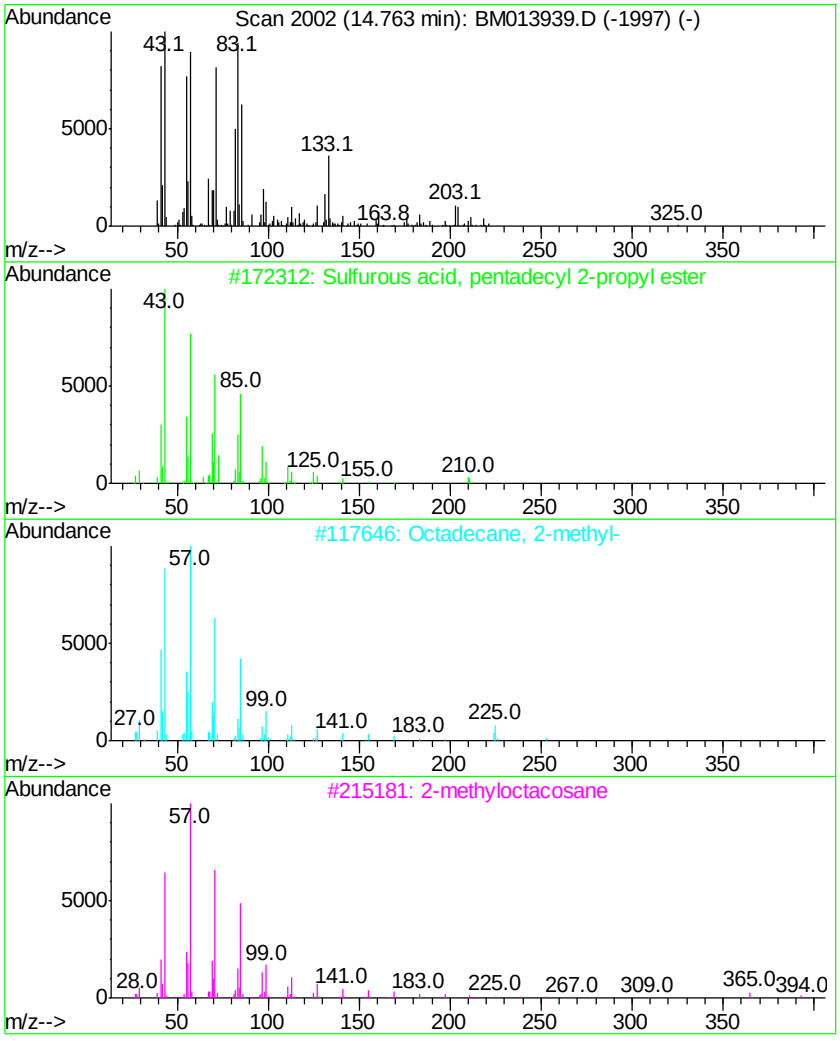
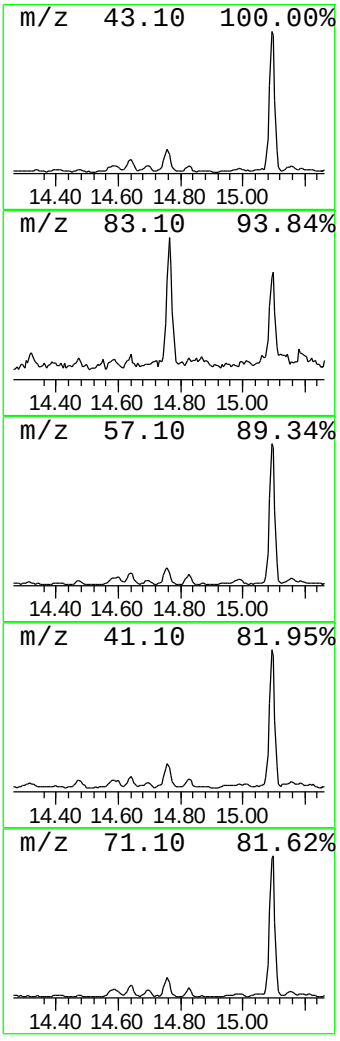
Peak Number 15 Sulfurous acid, pentadecyl ... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	5.17 ng/ul	1153370	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	52
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	52
3	2-methyloctacosane	408	C29H60	1000376-72-8	50
4	Hexatriacontane	507	C36H74	000630-06-8	49
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	49





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

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Quant Title : SVOA CALIBRATION

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

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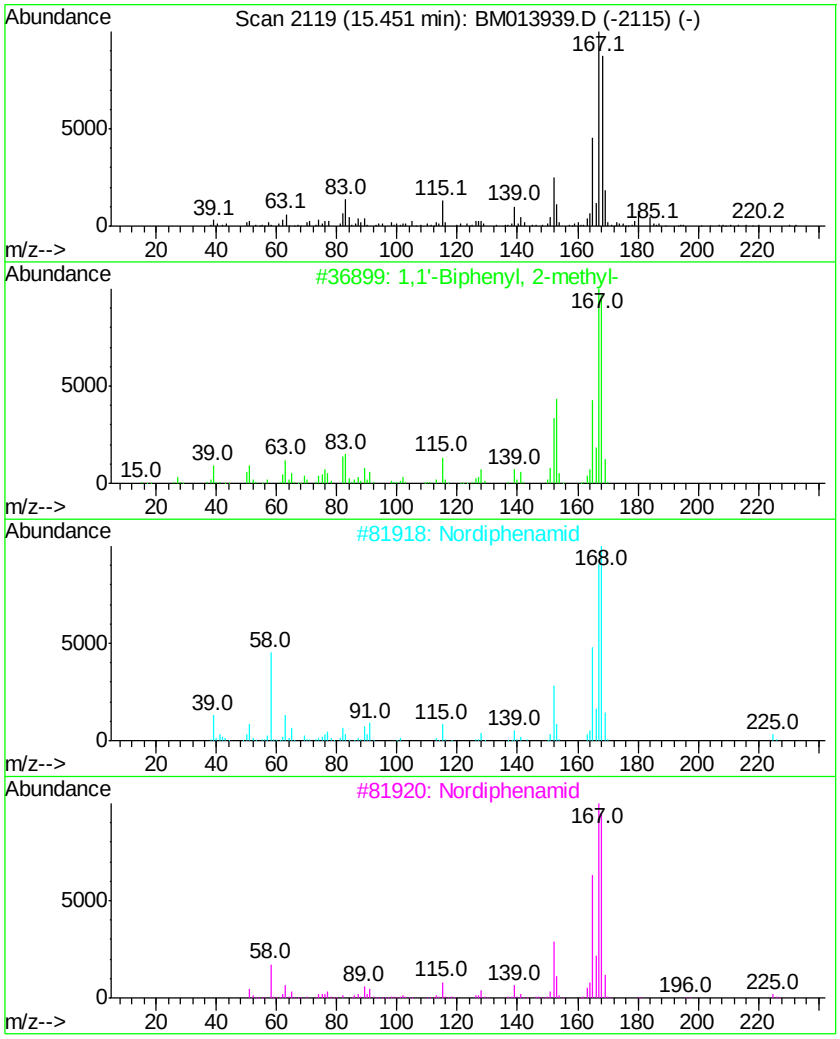
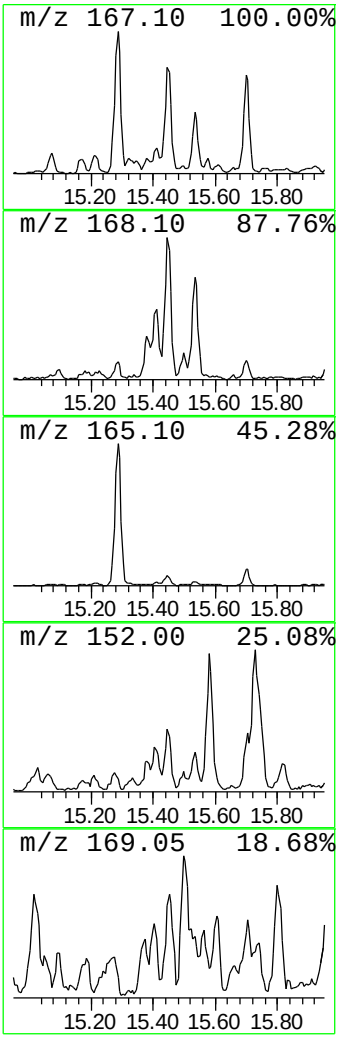
Peak Number 18 1,1'-Biphenyl, 2-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	2.76 ng/ul	616942	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	89
2	Nordiphenamid	225	C15H15NO	000954-21-2	86
3	Nordiphenamid	225	C15H15NO	000954-21-2	86
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

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Quant Title : SVOA CALIBRATION

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

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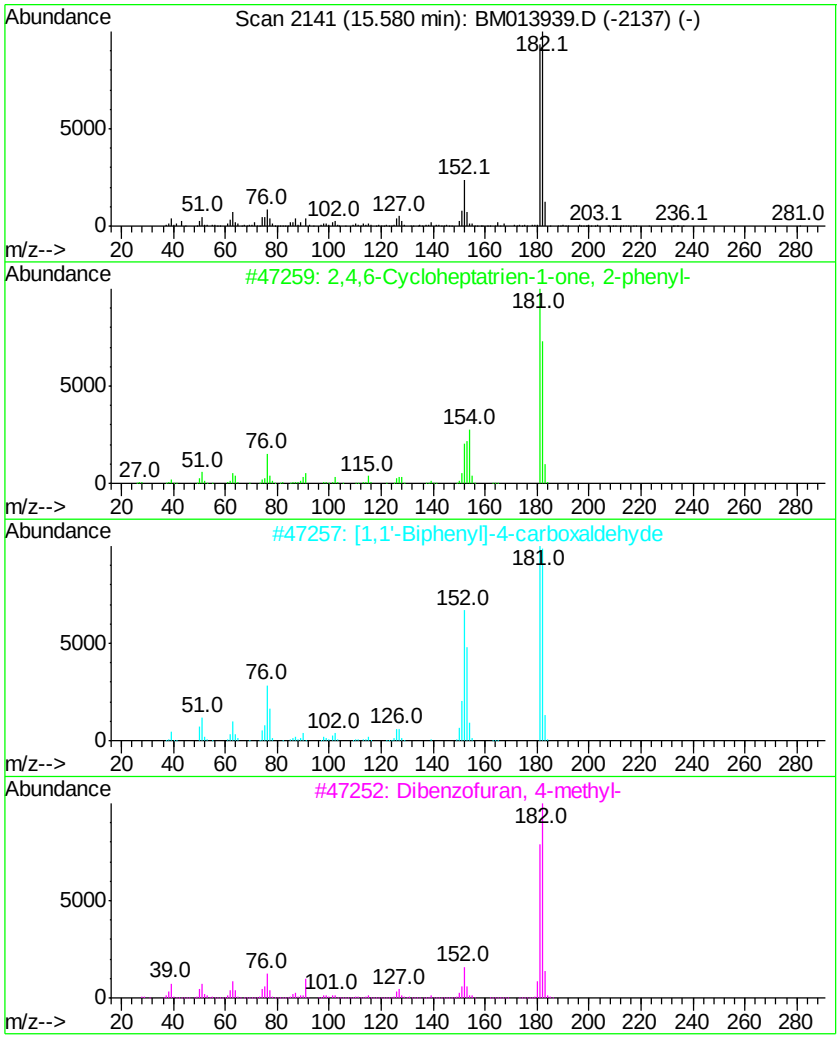
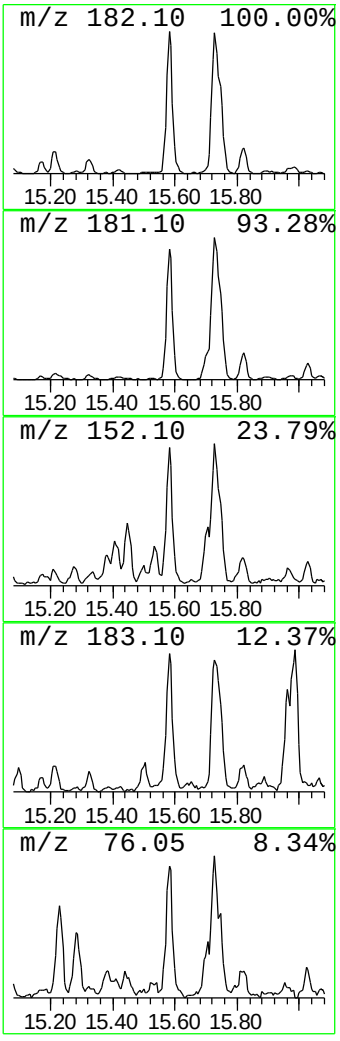
Peak Number 19 2,4,6-Cycloheptatrien-1-one... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	8.76 ng/ul	1955930	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

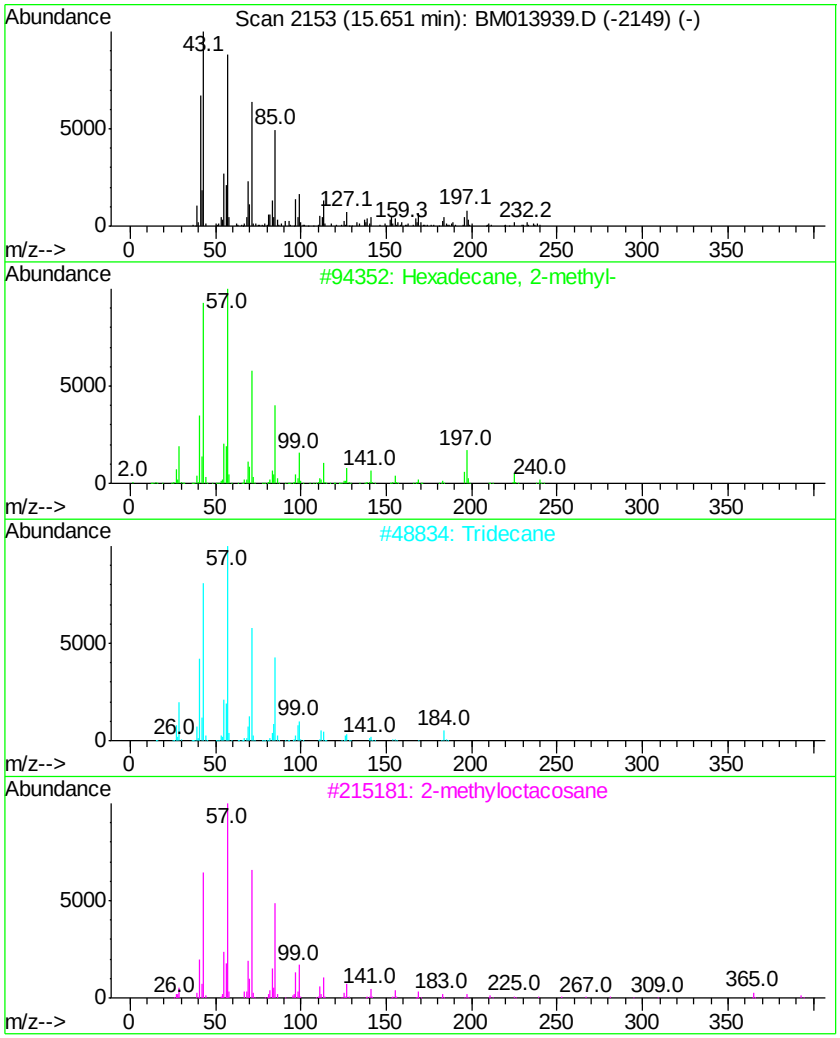
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

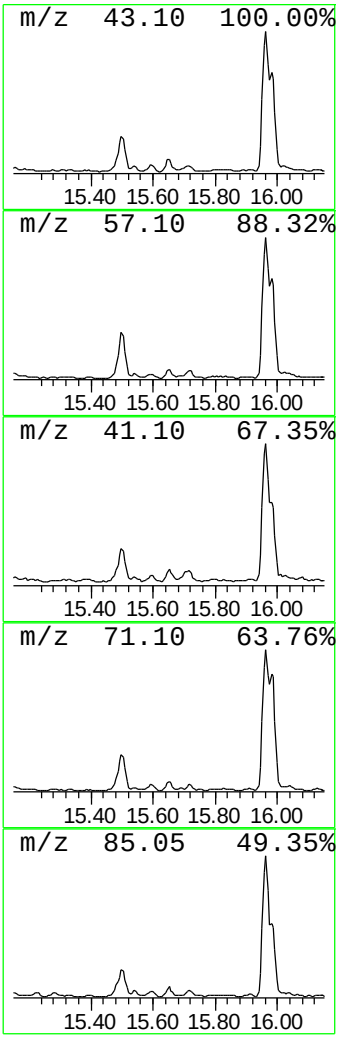
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	5.59 ng/ul	544542	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
2	Tridecane	184	C13H28	000629-50-5	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	83





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Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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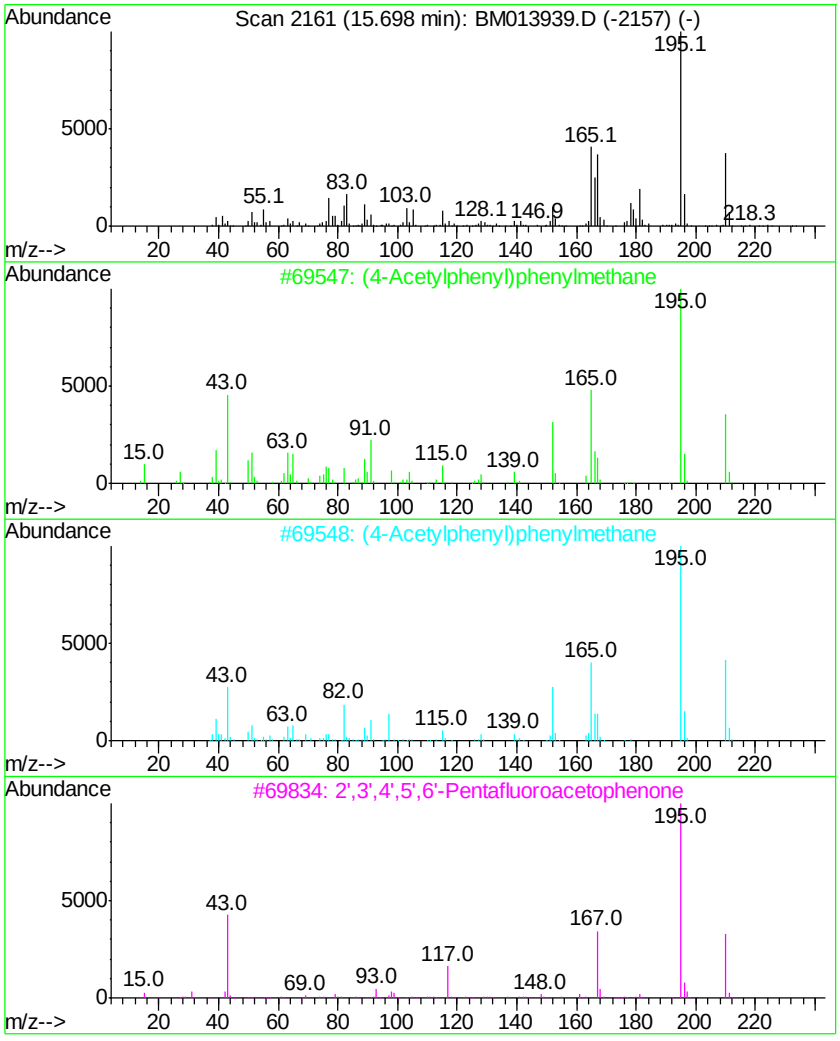
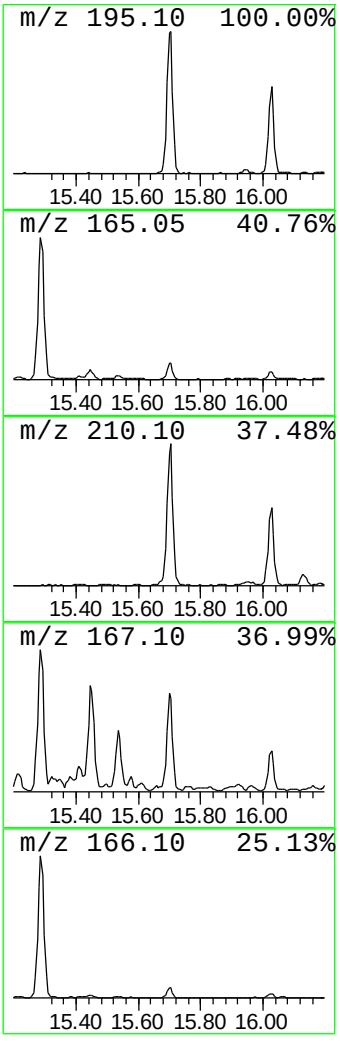
Peak Number 21 (4-Acetylphenyl)phenylmethane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	21.67 ng/ul	2112160	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	68
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	64
3	2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	43
4	Carbazole, 4,5-dimethyl-	195	C14H13N	018992-66-0	38
5	8-Methyl-4-azafluorenone	195	C13H9NO	064292-03-1	38





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Acq On : 29 Jan 2018 01:14
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Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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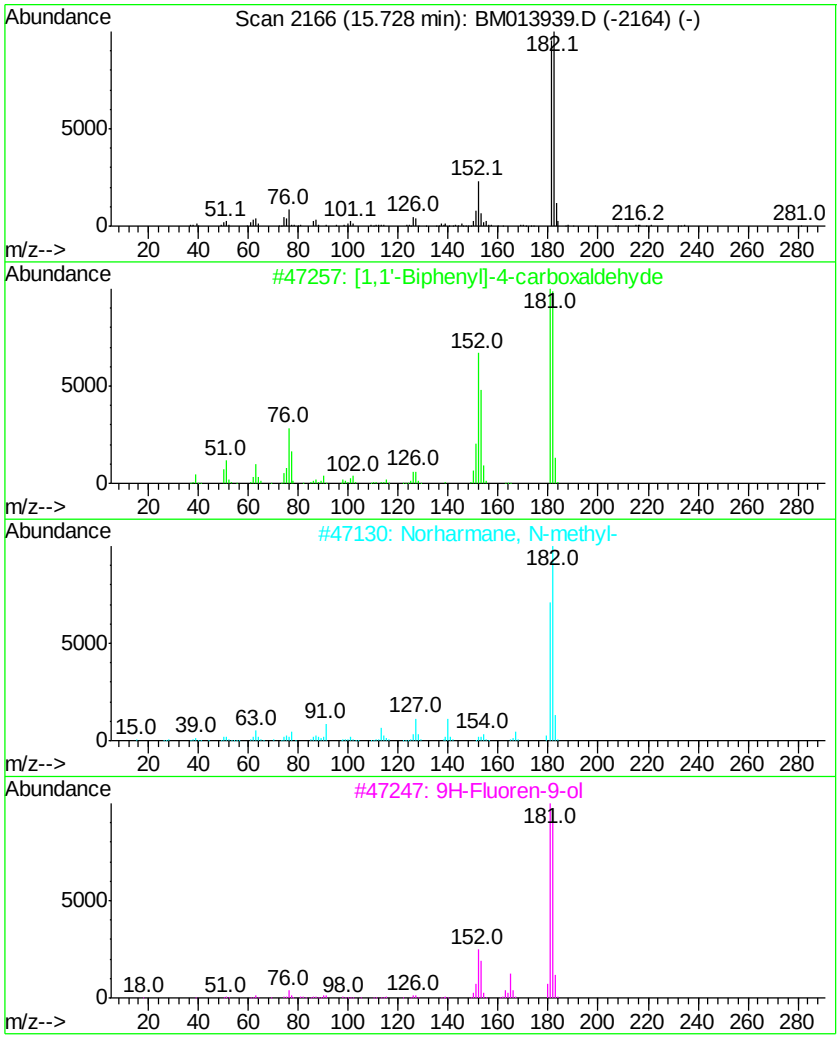
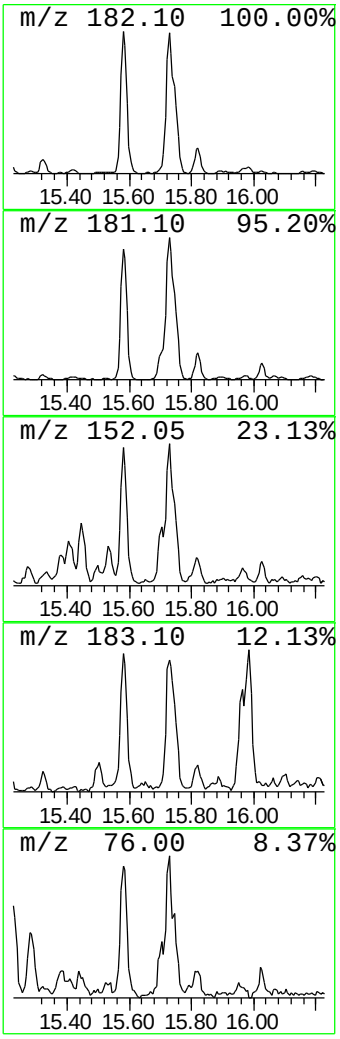
Peak Number 22 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	19.73 ng/ul	1922940	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
2	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	72
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	62





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Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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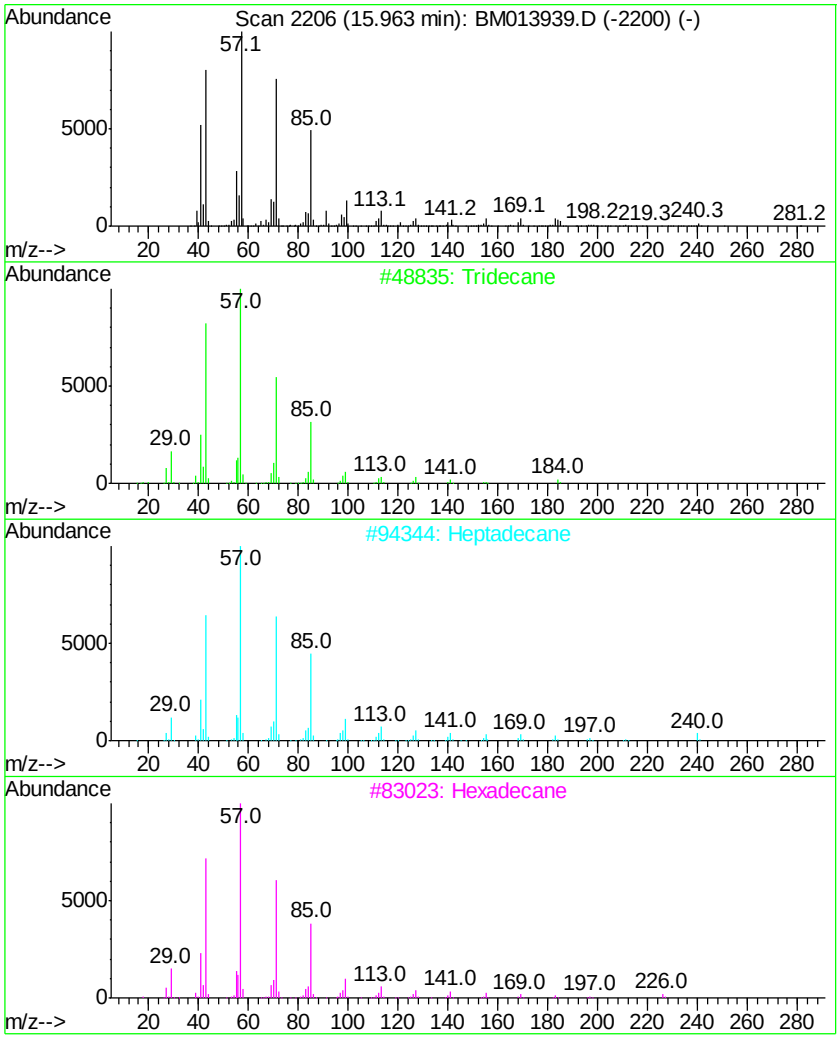
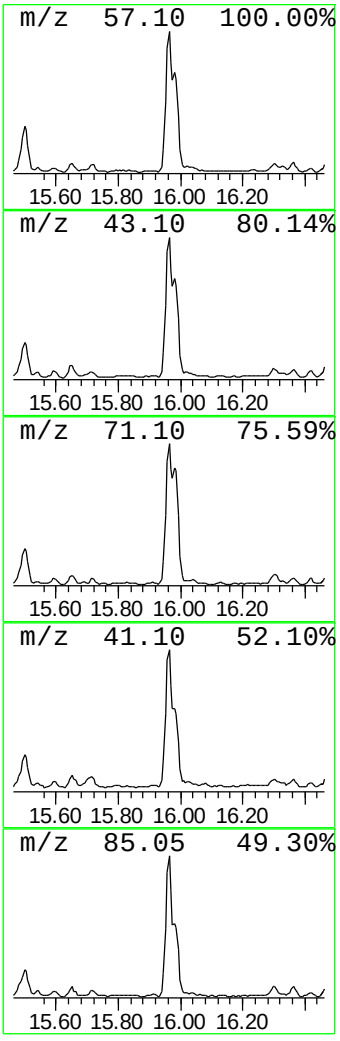
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	71.63 ng/ul	6980620	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Tridecane	184	C13H28	000629-50-5	87
5	Eicosane	282	C20H42	000112-95-8	87





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Operator : SJ/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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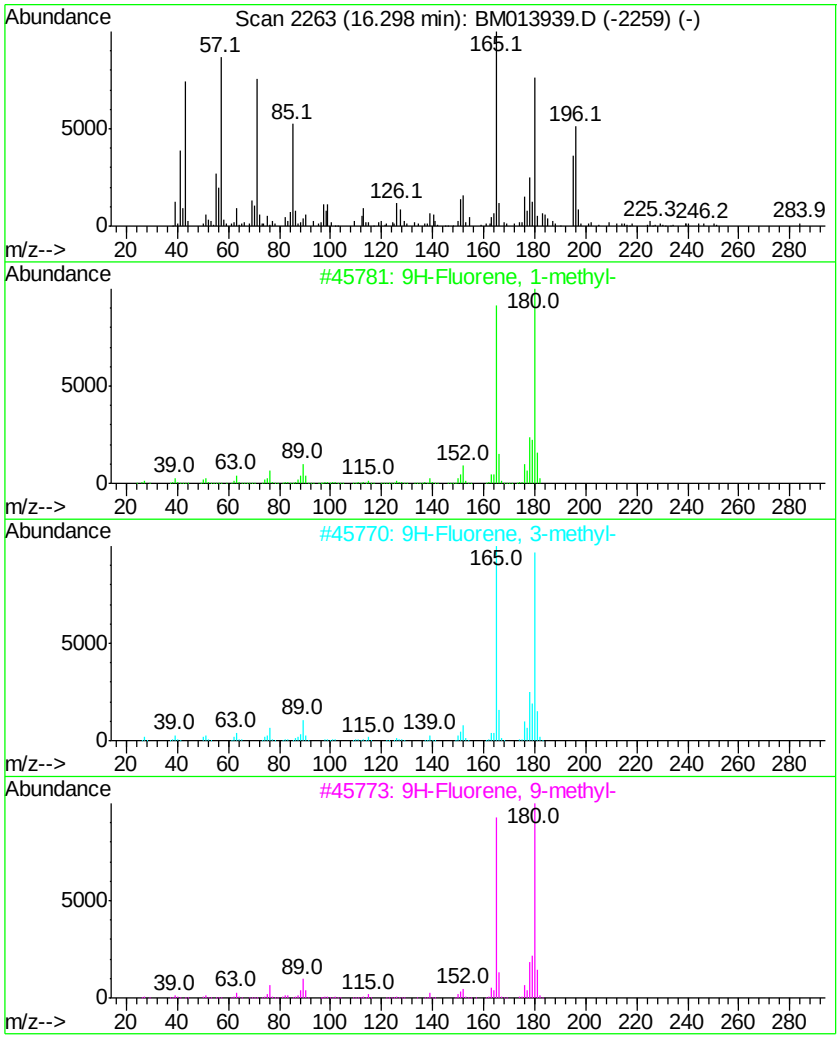
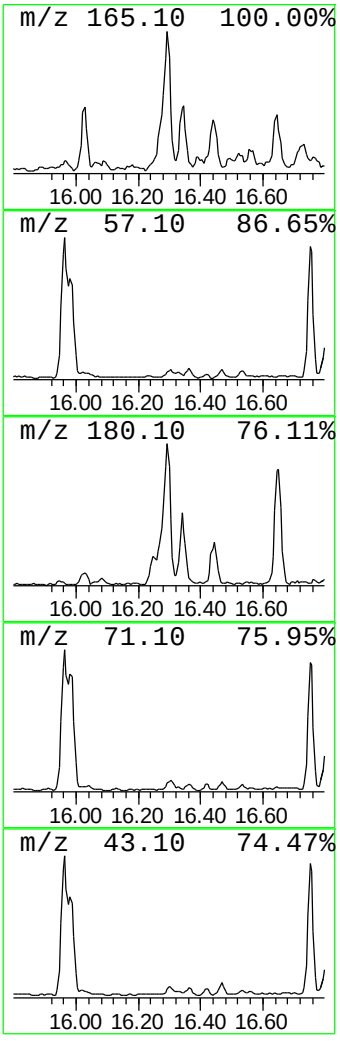
Peak Number 25 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	7.20 ng/ul	701726	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	46
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	46
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	41
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	30
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	30





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Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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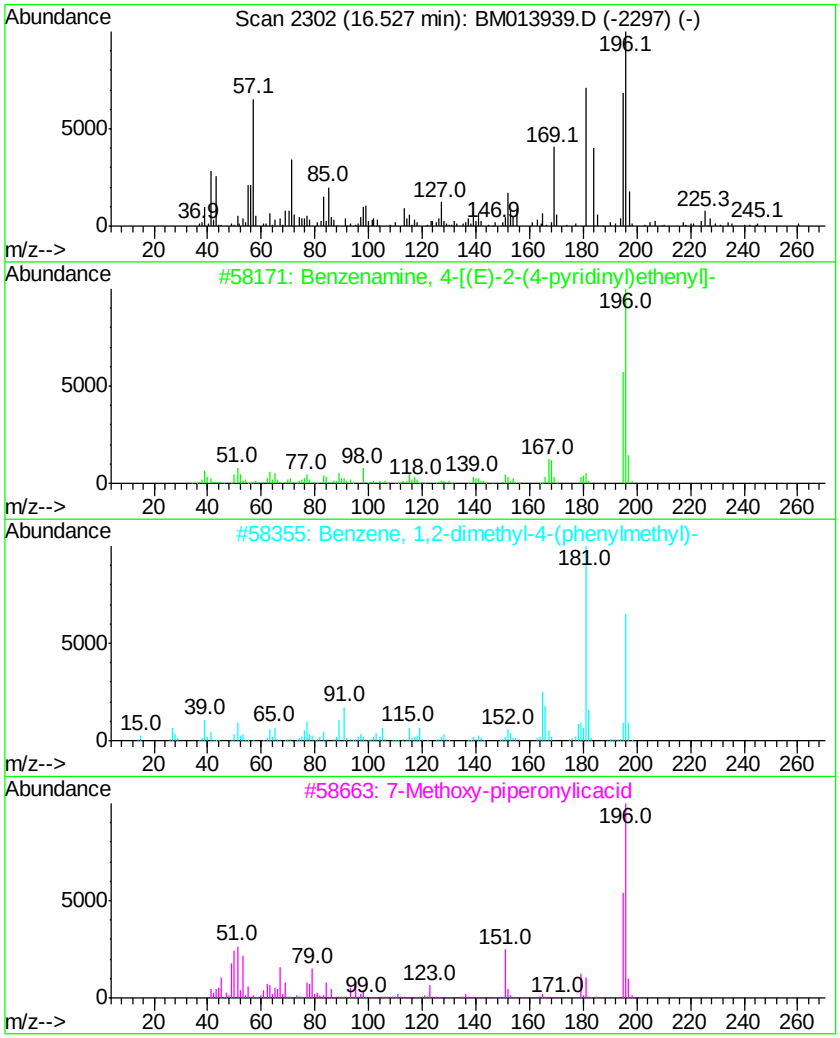
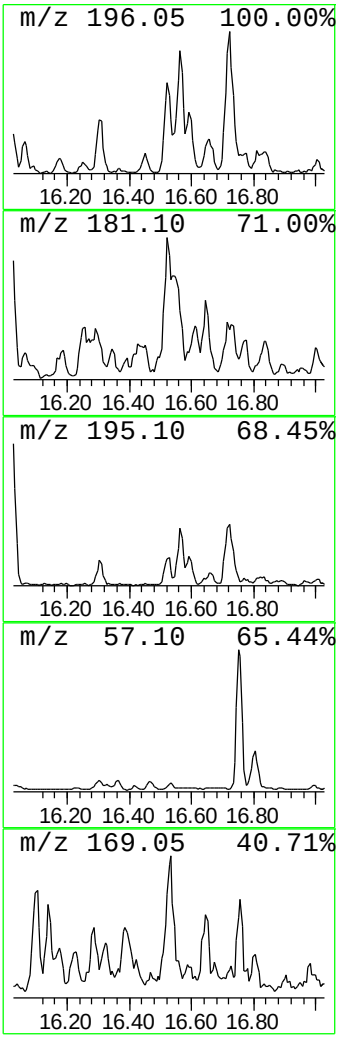
Peak Number 26 unknown-02 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	6.14 ng/ul	598201	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	38
2	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	38
3	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	38
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	38
5	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	35





Library Search Compound Report

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Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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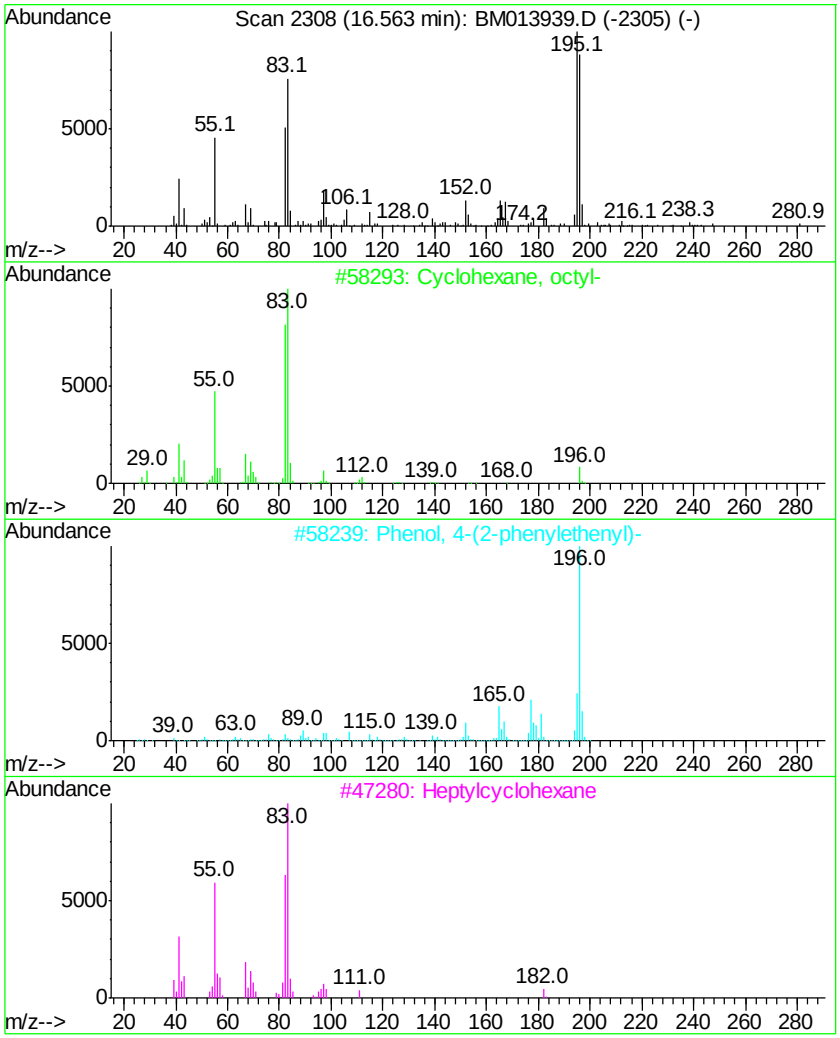
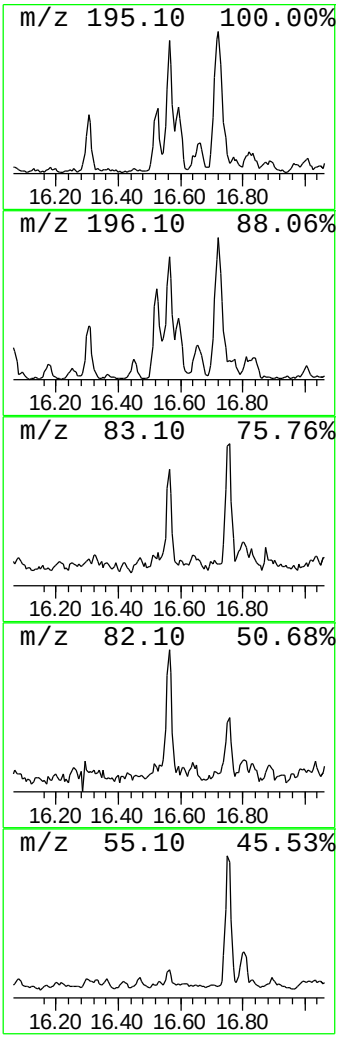
Peak Number 27 (DEL) Alkane: Cyclic16.56 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	5.05 ng/ul	491683	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	38
3	Heptylcyclohexane	182	C13H26	005617-41-4	38
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	38
5	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	35





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Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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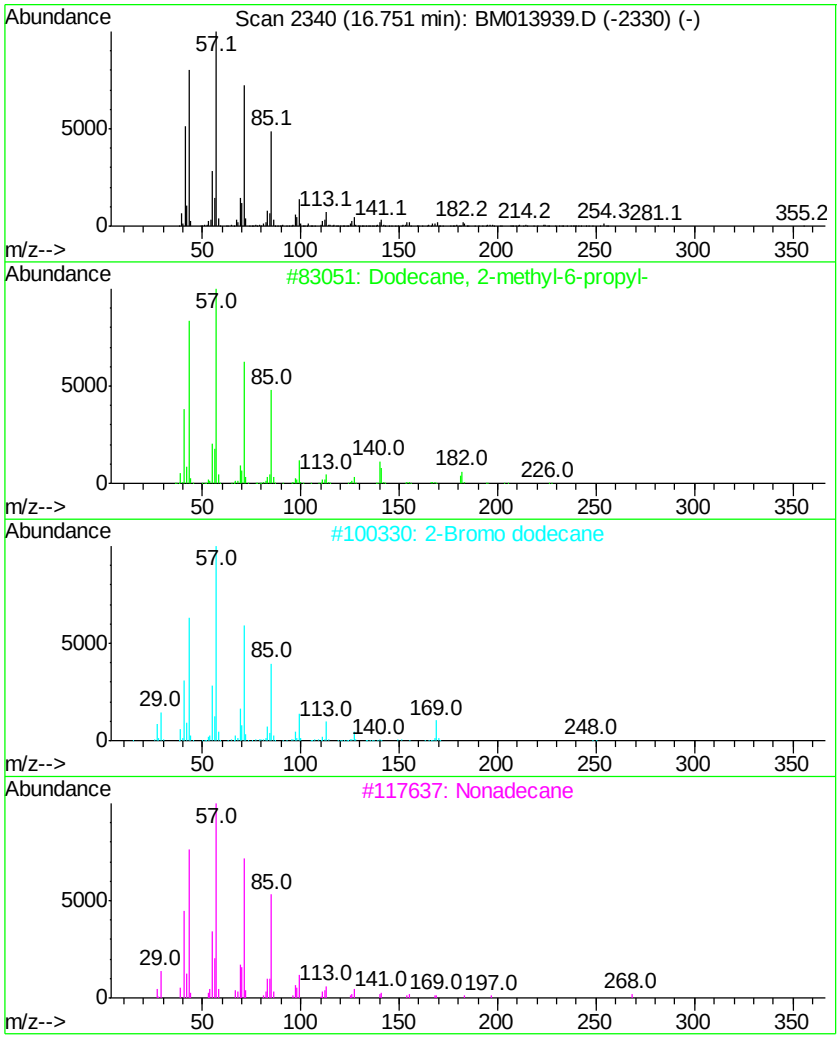
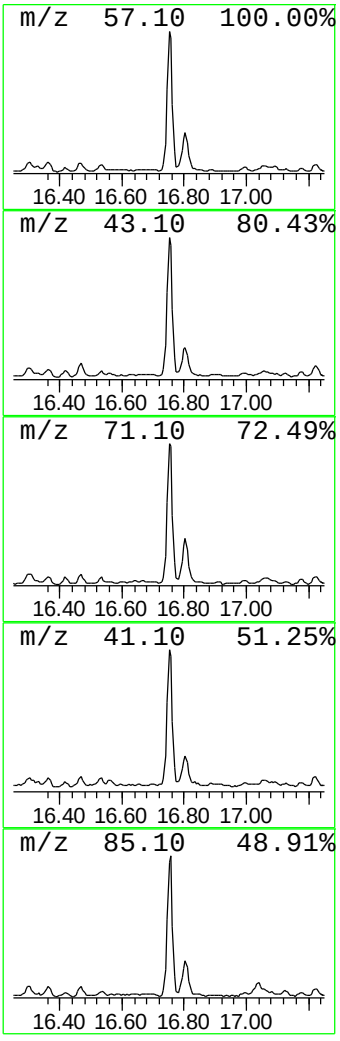
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	61.65 ng/ul	6008390	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

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Quant Title : SVOA CALIBRATION

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

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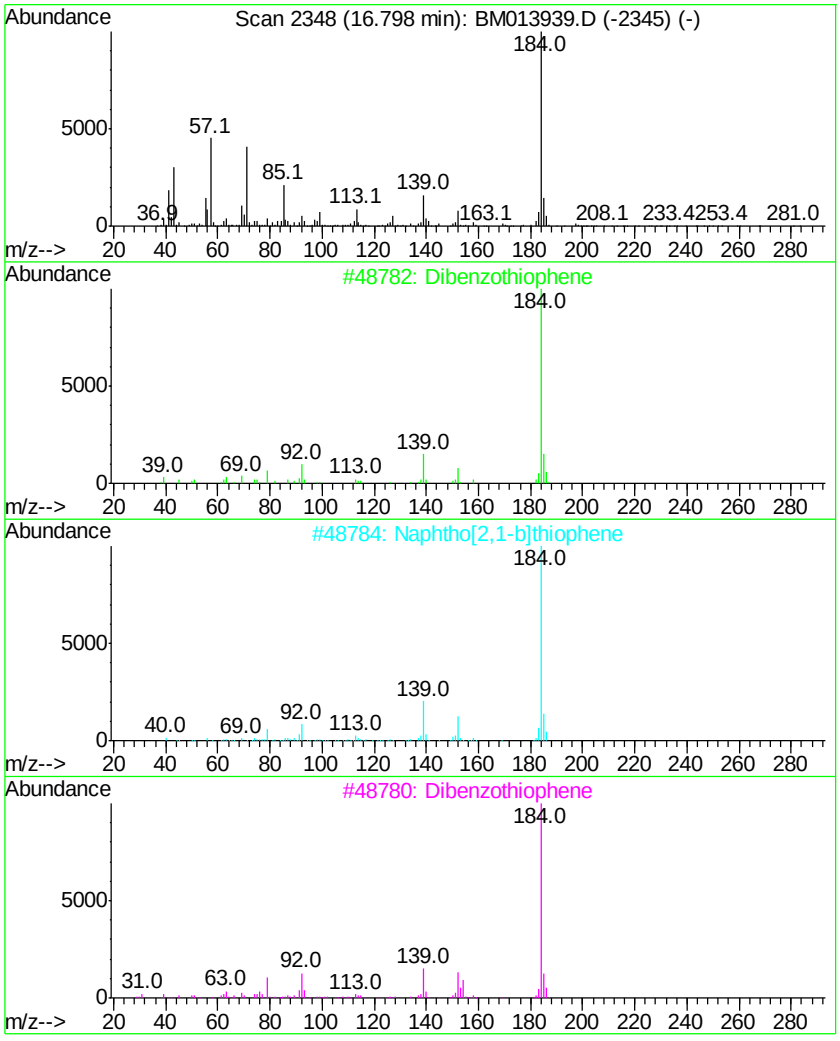
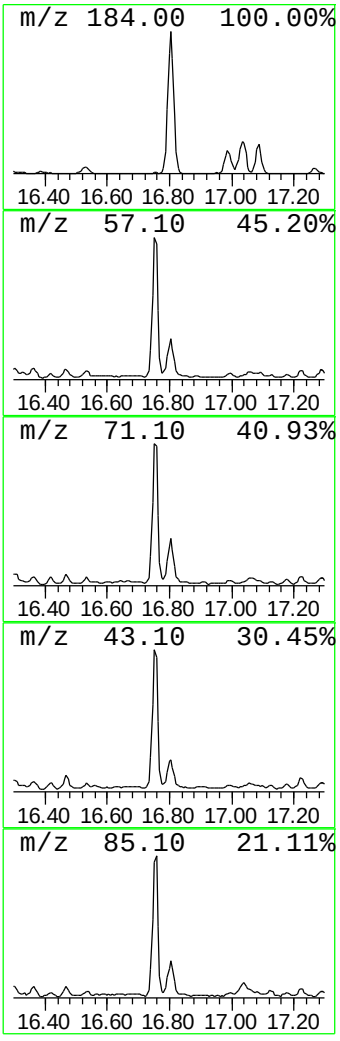
Peak Number 29 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	31.73 ng/ul	3091870	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	78
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	60
3	Dibenzothiophene	184	C12H8S	000132-65-0	60
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	60
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	60





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Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

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Quant Title : SVOA CALIBRATION

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

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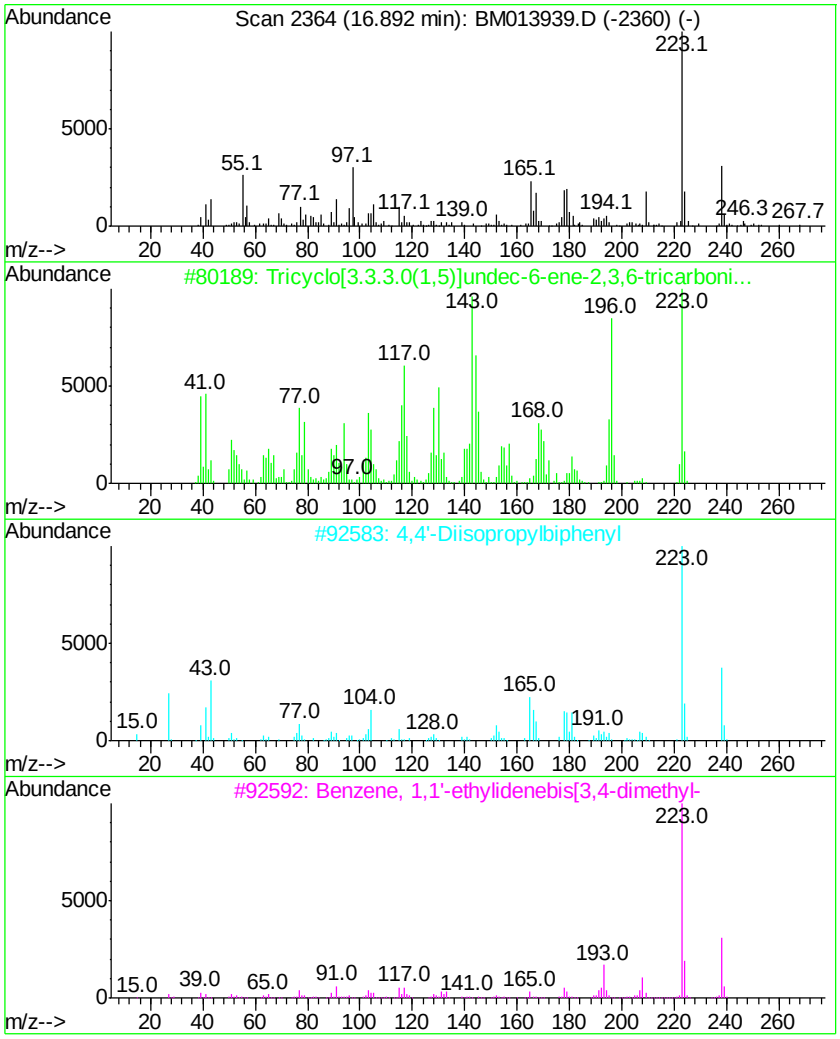
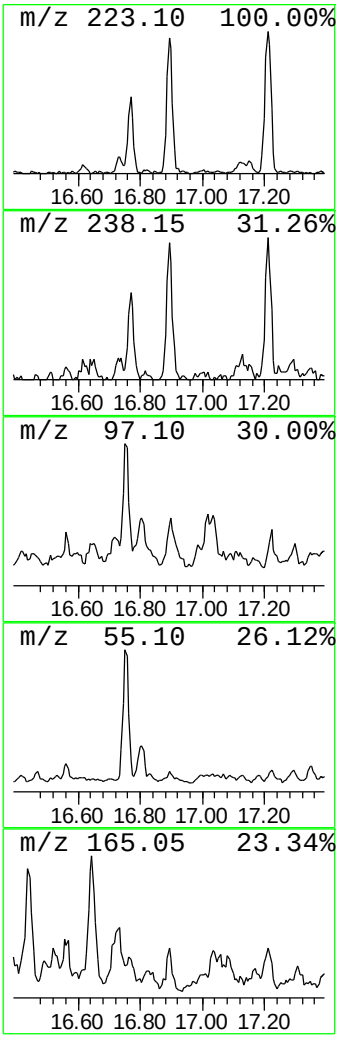
Peak Number 30 Tricyclo[3.3.3.0(1,5)]undec... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	5.81 ng/ul	565794	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	89
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	64
3	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	60
4	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	53
5	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	53





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Quant Title : SVOA CALIBRATION

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

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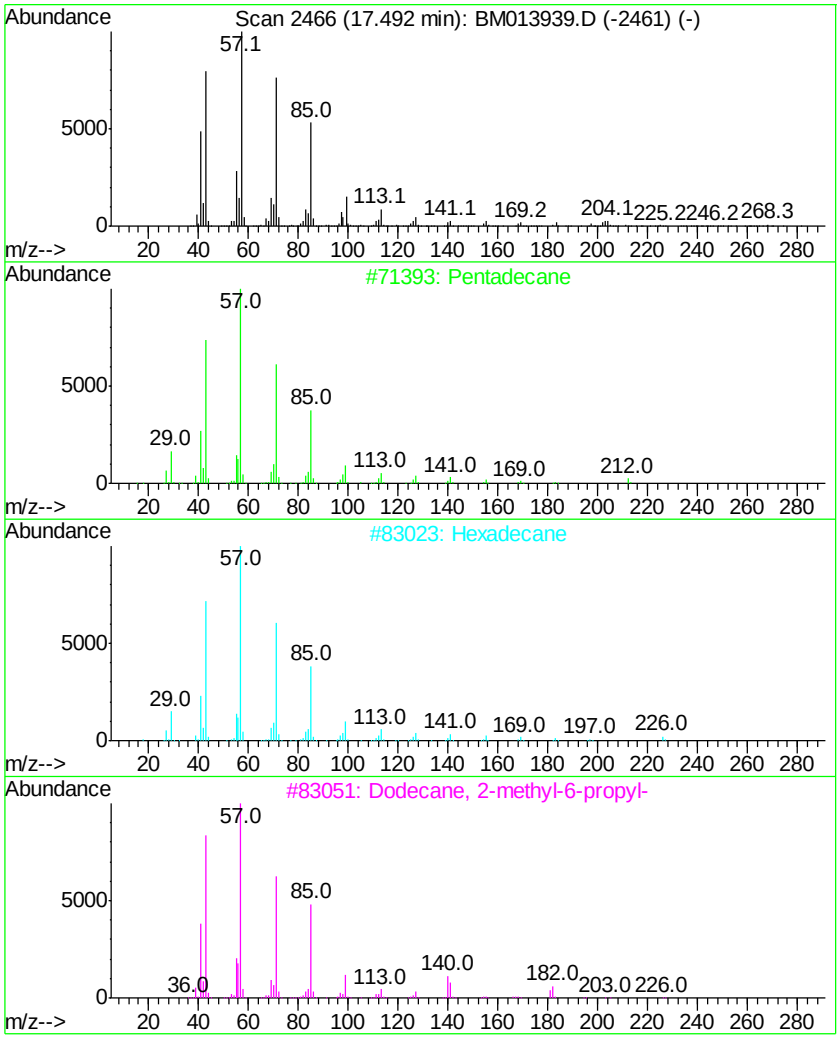
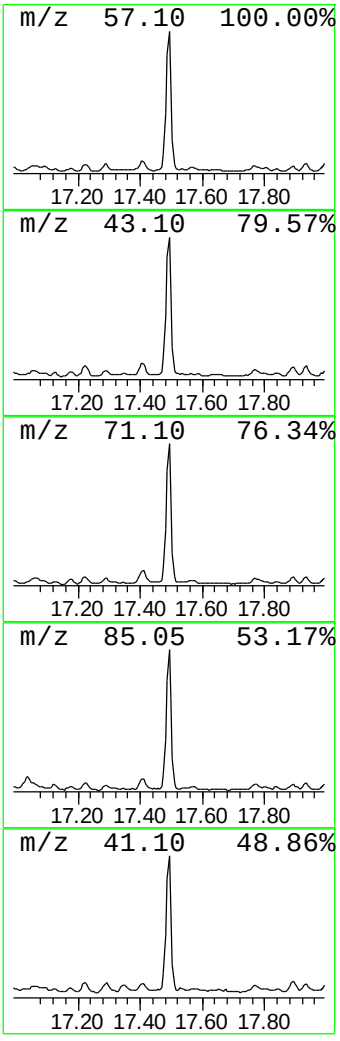
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	52.77 ng/ul	5142560	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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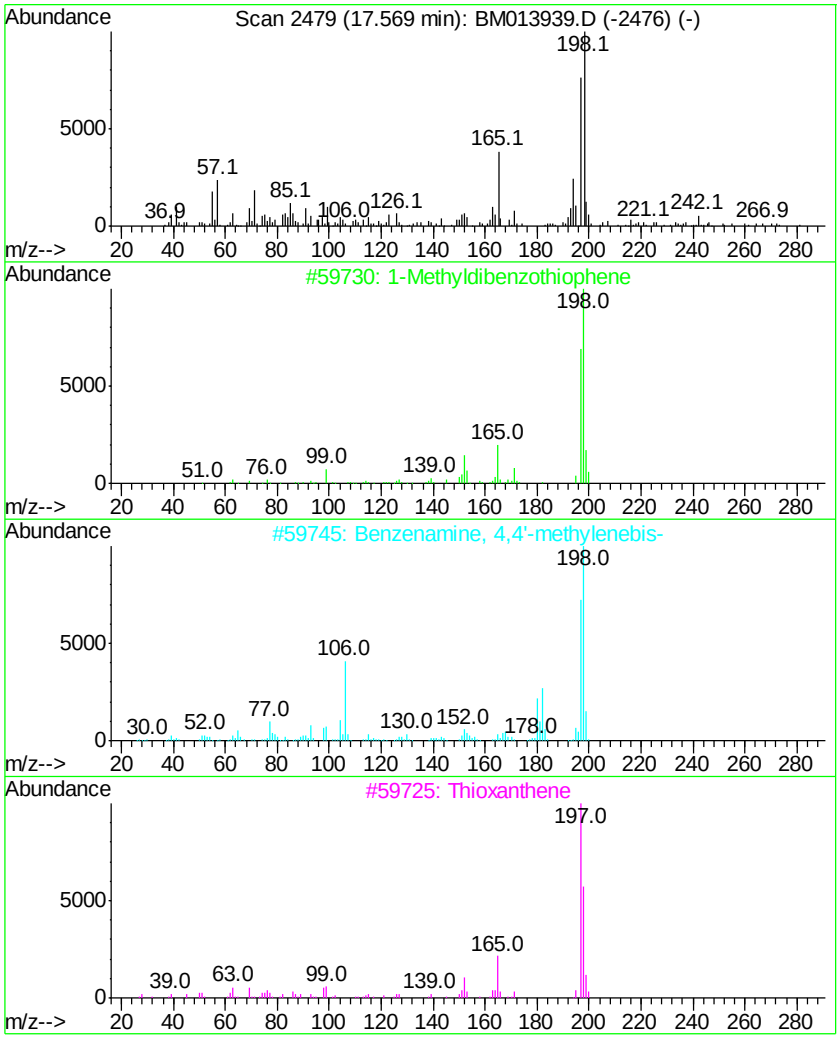
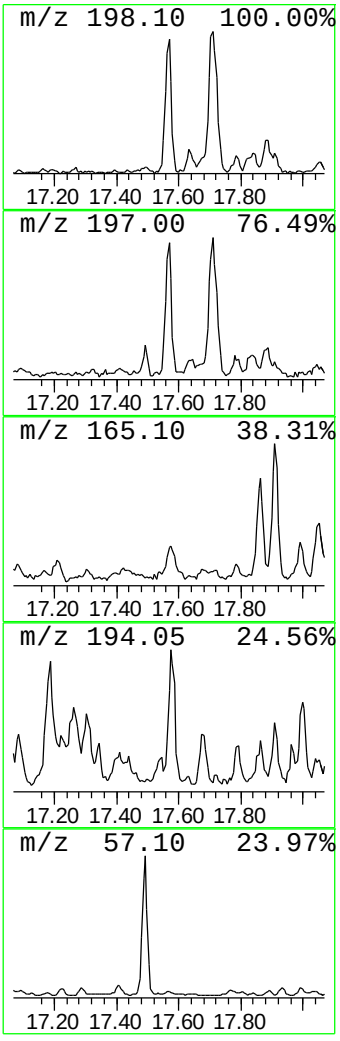
Peak Number 33 1-Methyldibenzothiophene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	6.89 ng/ul	671875	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	62
2	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	58
3	Thioxanthene	198	C13H10S	000261-31-4	55
4	Tacrine	198	C13H14N2	000321-64-2	50
5	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	50





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Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
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Instrument : BNA_M
ClientSampleId : F6B17

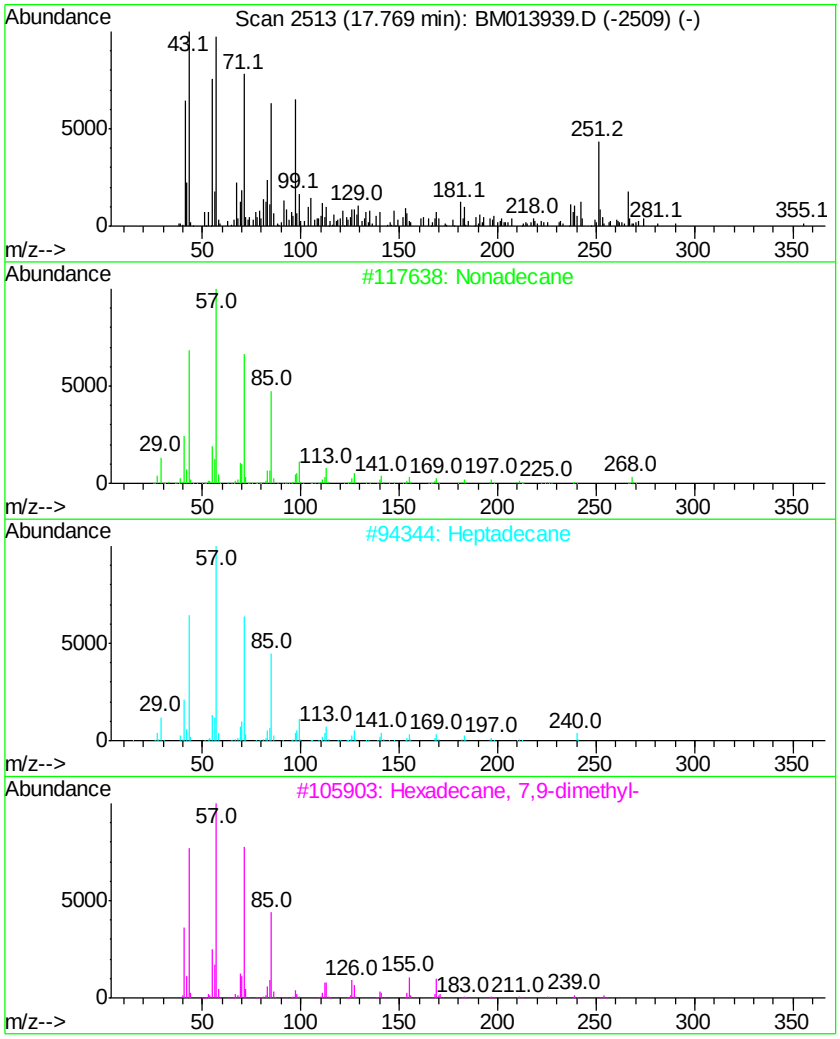
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

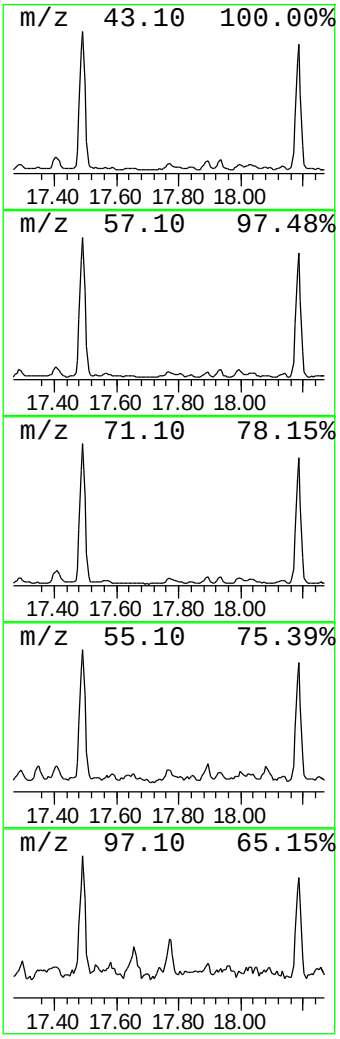
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	5.68 ng/ul	553922	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Heptadecane	240	C17H36	000629-78-7	64
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
4	Nonadecane	268	C19H40	000629-92-5	50
5	Tetradecane	198	C14H30	000629-59-4	46





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

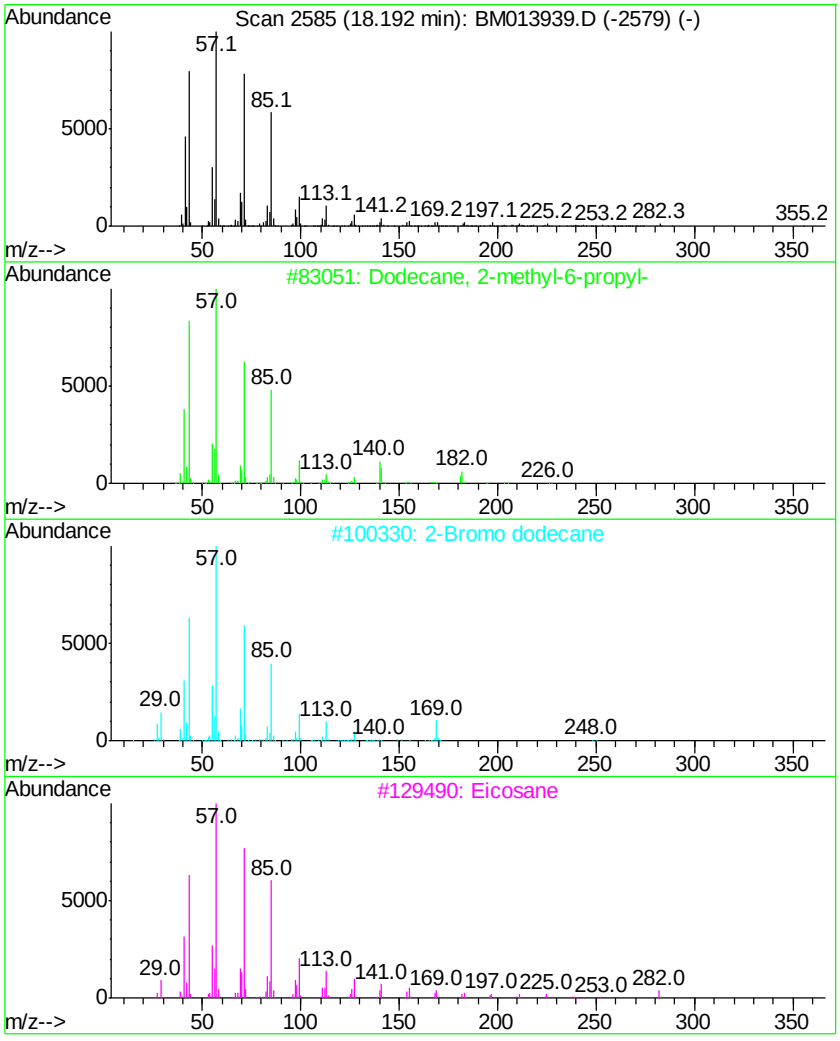
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

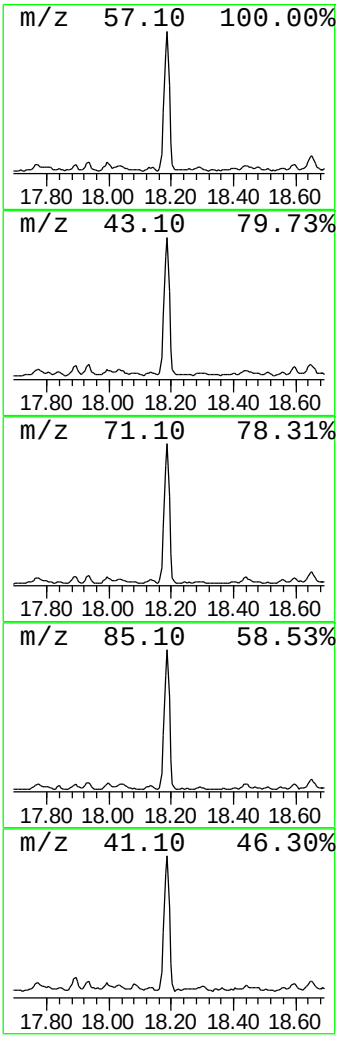
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	43.78 ng/ul	4266840	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Pentadecane	212	C15H32	000629-62-9	87





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

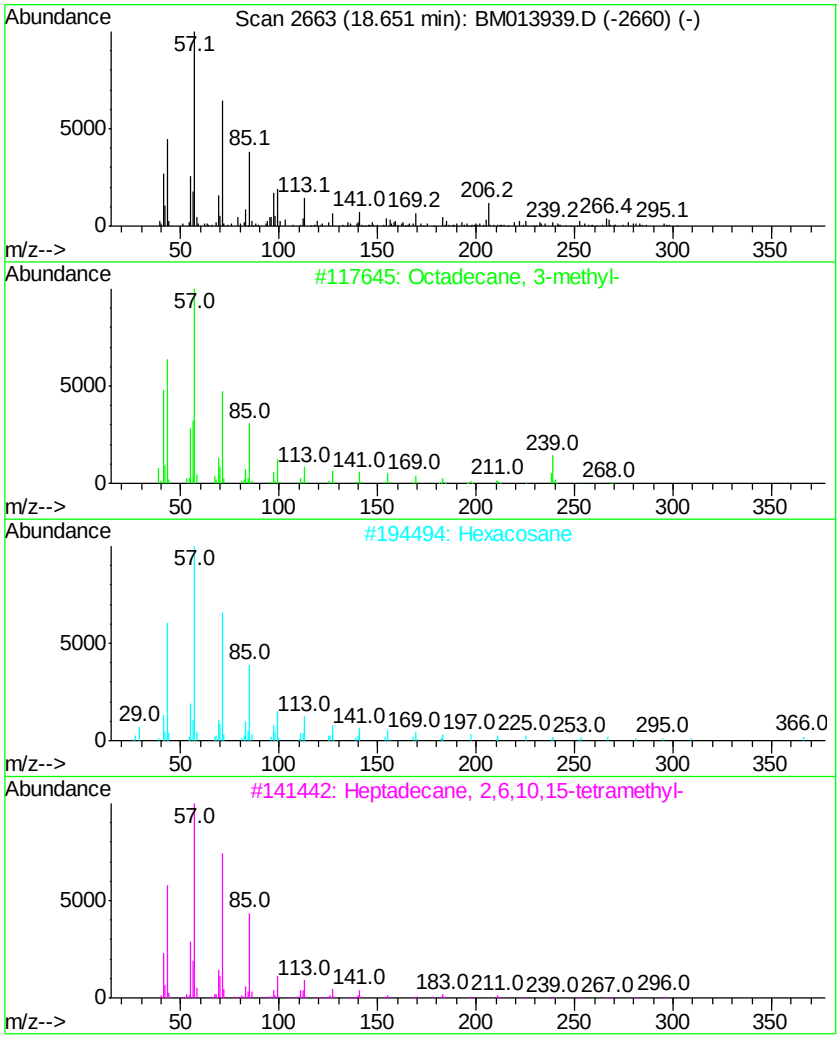
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

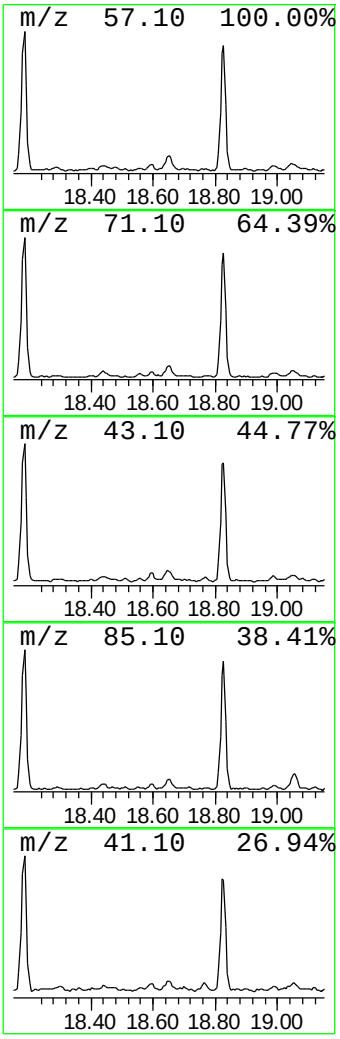
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	4.92 ng/ul	479483	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 3-methyl-	268	C19H40	006561-44-0	87
2	Hexacosane	366	C26H54	000630-01-3	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	76
4	Nonadecane	268	C19H40	000629-92-5	74
5	Triacontane	422	C30H62	000638-68-6	72





Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

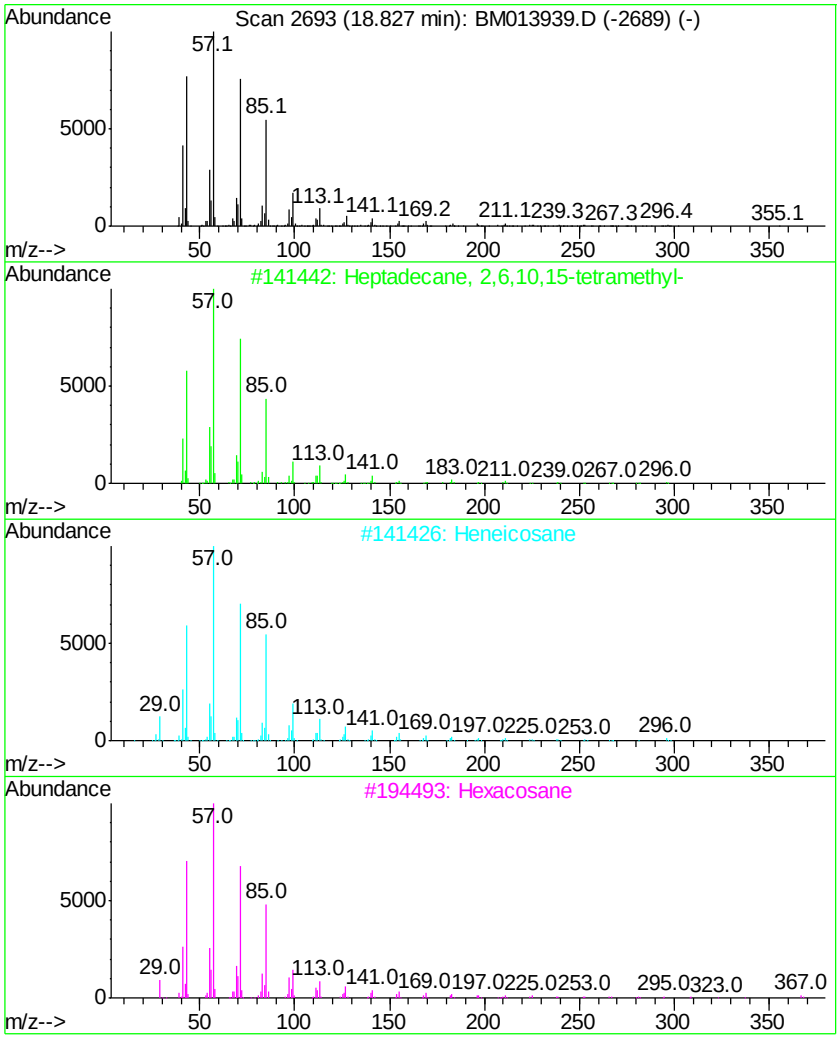
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

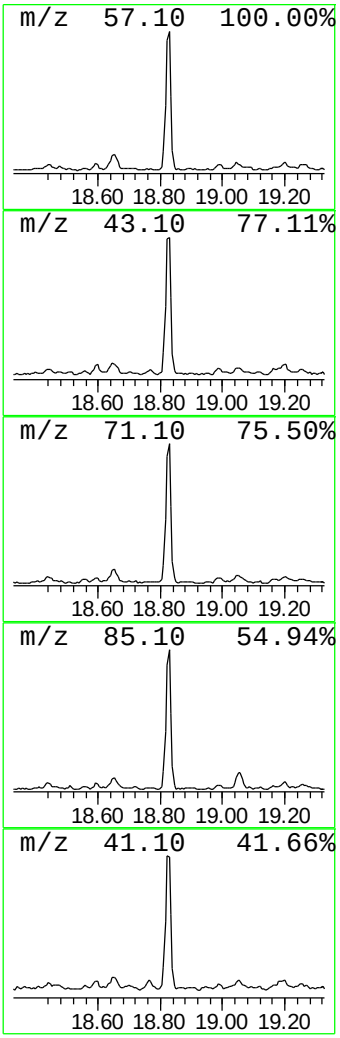
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	41.14 ng/ul	4008910	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane	282	C20H42	000112-95-8	91





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

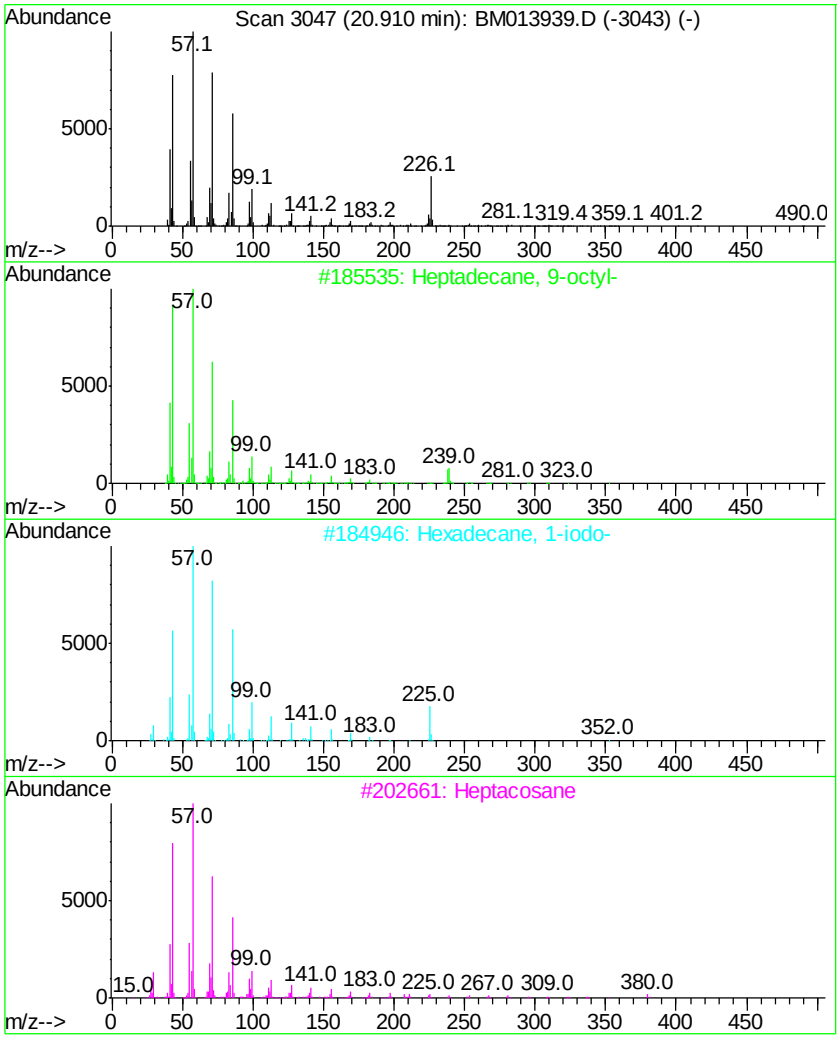
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

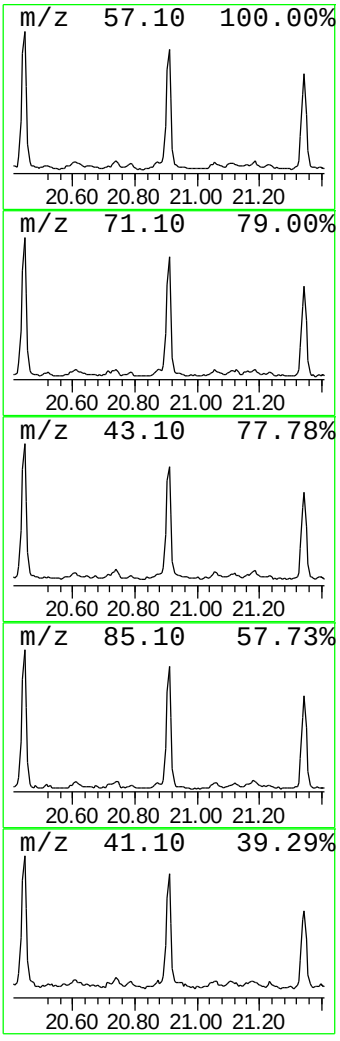
****

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	11.07 ng/ul	2457910	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
3	Heptacosane	380	C27H56	000593-49-7	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

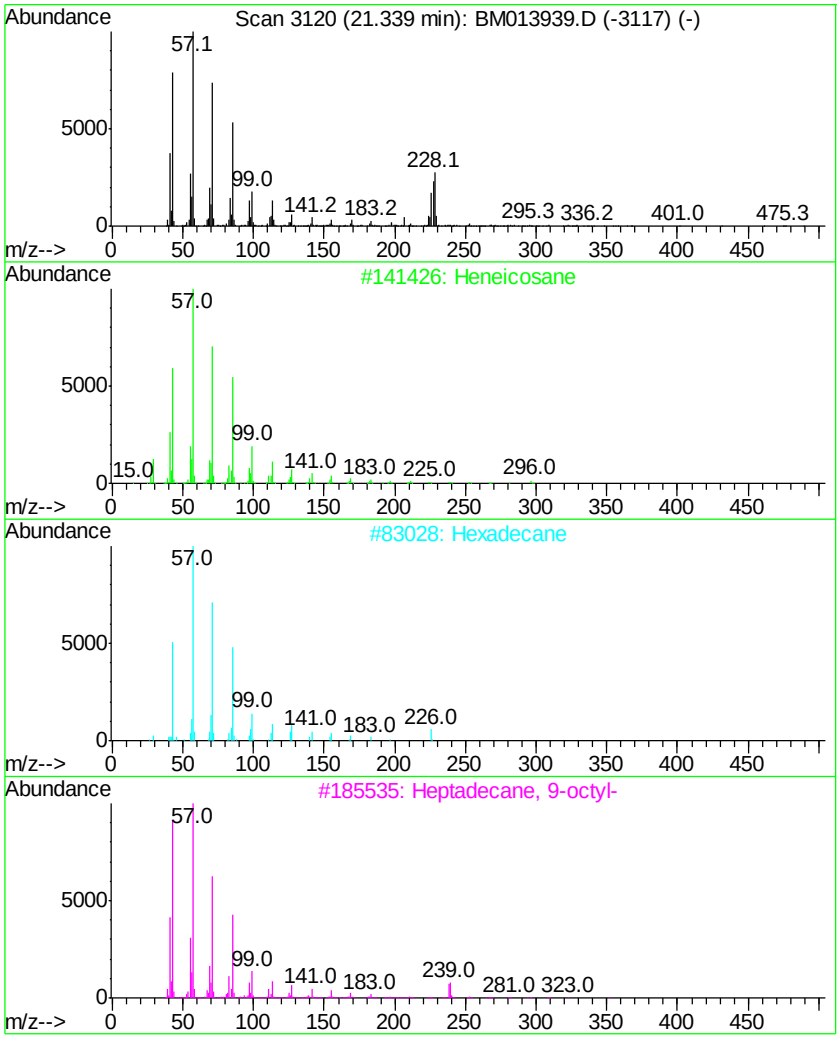
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

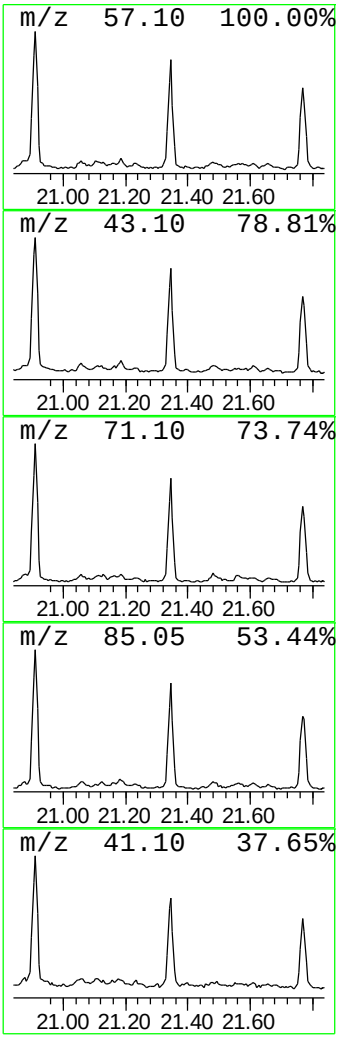
****

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	8.91 ng/ul	1979820	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	92
4	Hexadecane	226	C16H34	000544-76-3	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

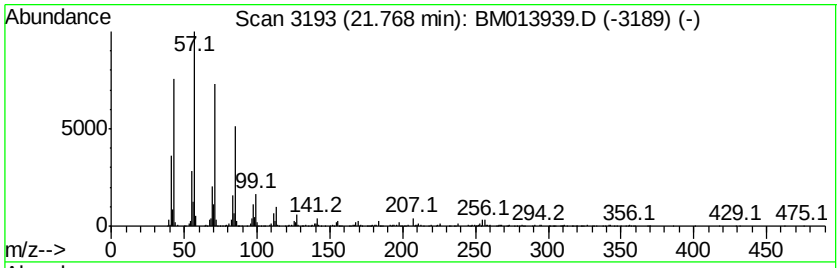
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

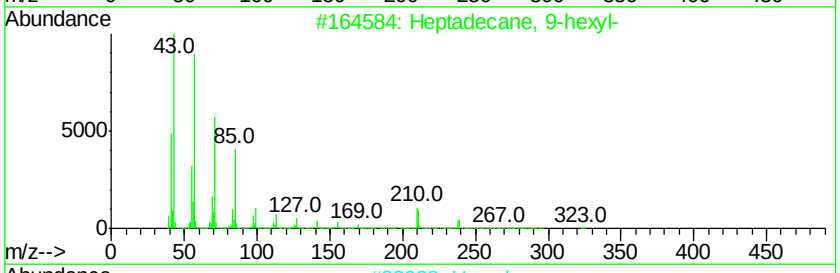
****

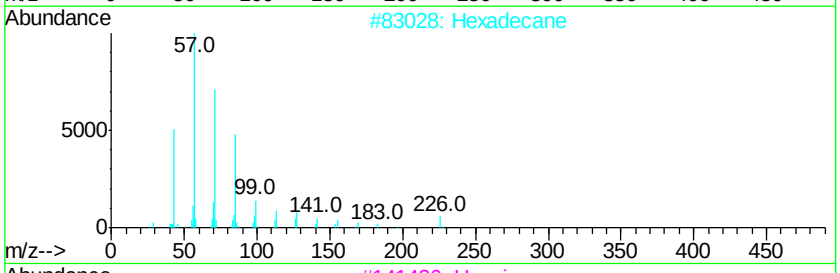
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 31

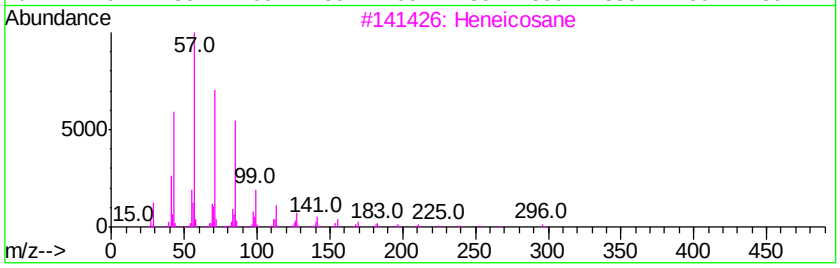
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	7.18 ng/ul	1595300	Chrysene-d12	21.19

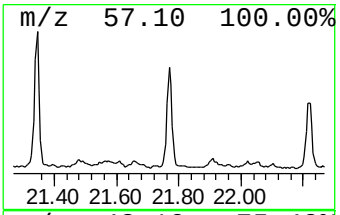
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91

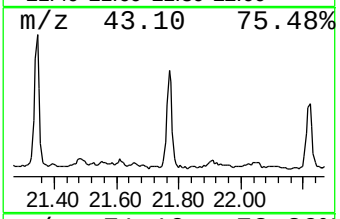


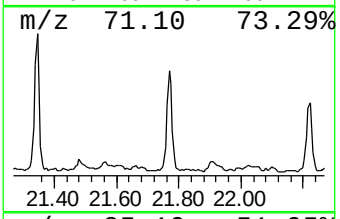


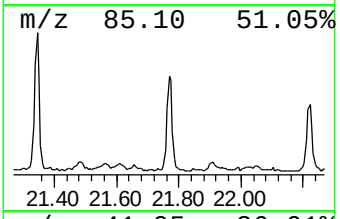


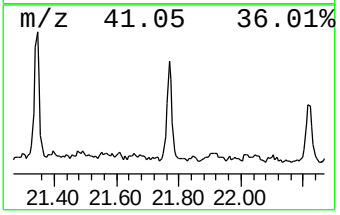












Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

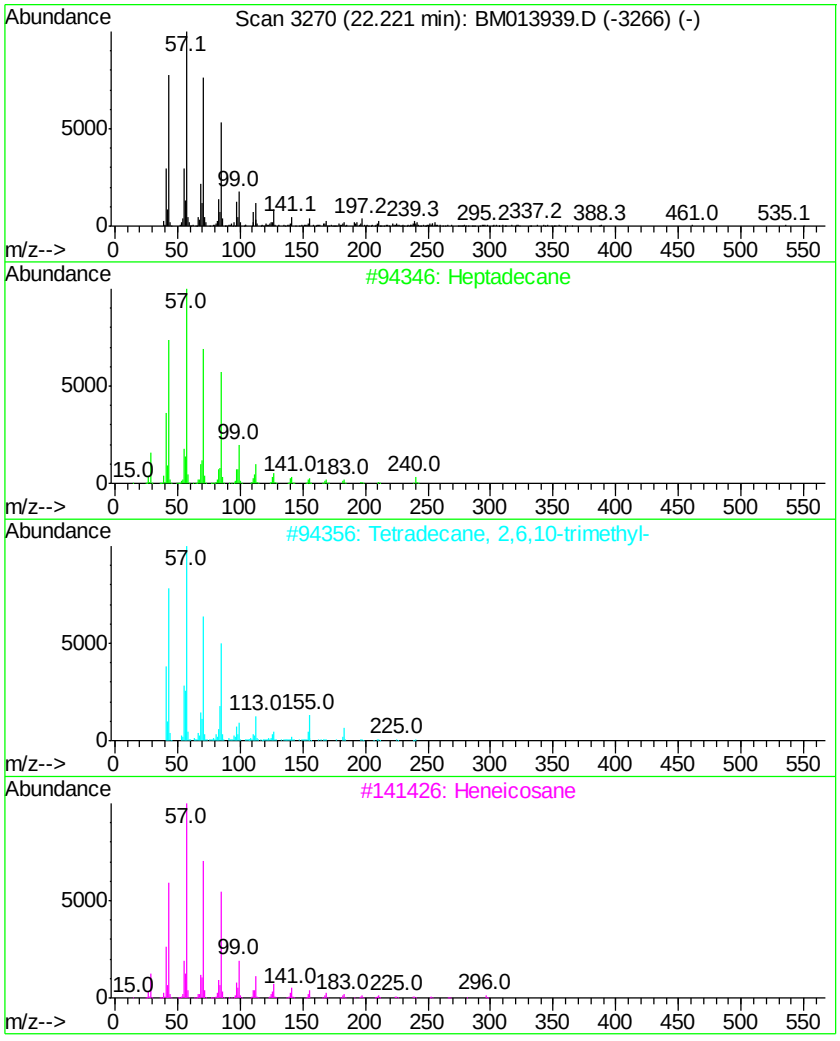
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

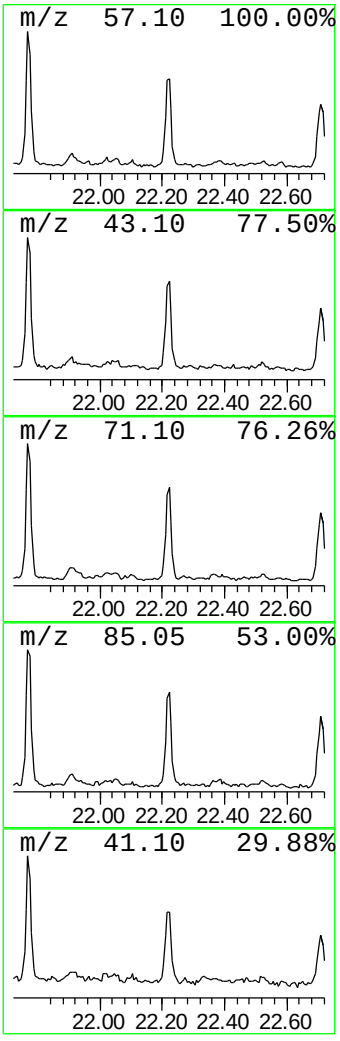
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	4.70 ng/ul	1043680	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Hexadecane	226	C16H34	000544-76-3	91





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

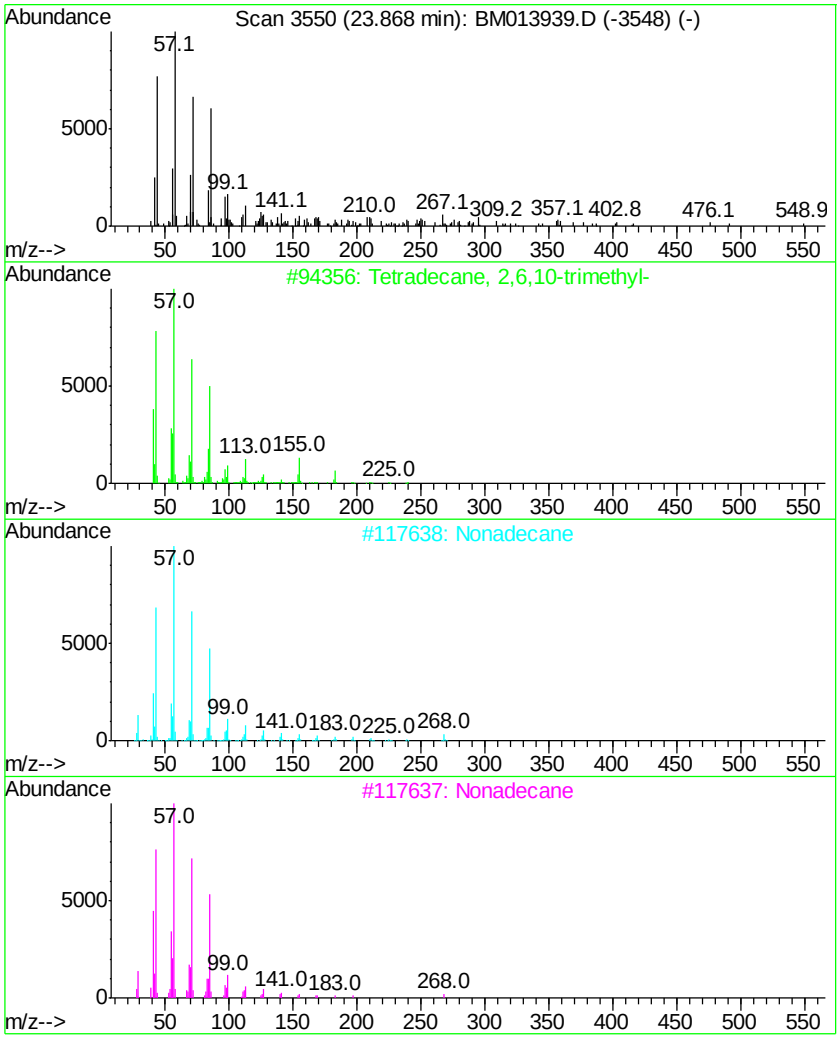
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

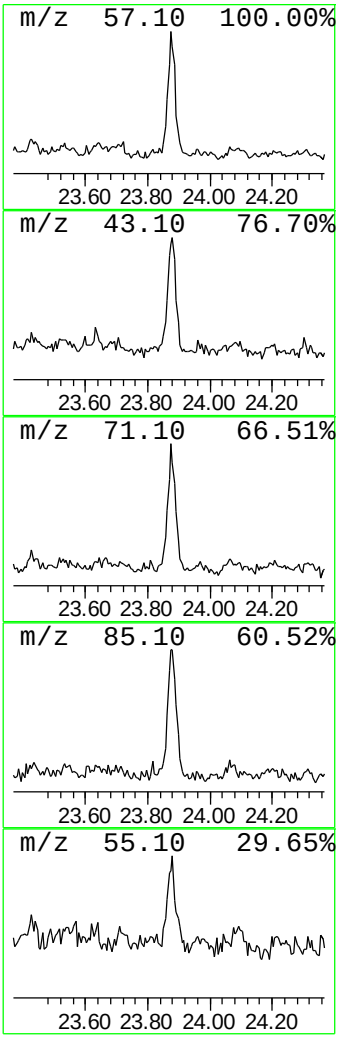
****

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	5.92 ng/ul	500942	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Octadecane	254	C18H38	000593-45-3	89
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_M\DATA\BM012818\
Data File : BM013939.D
Acq On : 29 Jan 2018 01:14
Operator : SJ/JU
Sample : J1233-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
(DEL) Alkane: Str...	8.79	9.0	ng/ul	469813	1	7.58	1043010	20.0
(DEL) Alkane: Str...	11.37	16.3	ng/ul	803580	2	10.35	983450	20.0
(DEL) Alkane: Str...	11.78	39.8	ng/ul	1958050	2	10.35	983450	20.0
Naphthalene, 1-me...	12.25	116.6	ng/ul	5733590	2	10.35	983450	20.0
(DEL) Alkane: Str...	12.61	2.1	ng/ul	463676	3	14.23	4464160	20.0
(DEL) Alkane: Str...	12.75	3.9	ng/ul	870456	3	14.23	4464160	20.0
Naphthalene, 2-et...	13.25	4.1	ng/ul	913820	3	14.23	4464160	20.0
Naphthalene, 2,7-...	13.39	6.6	ng/ul	1471560	3	14.23	4464160	20.0
Naphthalene, 2,3-...	13.55	11.8	ng/ul	2631920	3	14.23	4464160	20.0
Naphthalene, 1,6-...	13.60	7.9	ng/ul	1765310	3	14.23	4464160	20.0
(DEL) Alkane: Str...	13.76	2.3	ng/ul	519043	3	14.23	4464160	20.0
(DEL) Alkane: Str...	14.14	17.8	ng/ul	3974330	3	14.23	4464160	20.0
Naphthalene, 2,3,...	14.71	2.8	ng/ul	632554	3	14.23	4464160	20.0
Sulfurous acid, p...	14.76	5.2	ng/ul	1153370	3	14.23	4464160	20.0
1,1'-Biphenyl, 2-...	15.45	2.8	ng/ul	616942	3	14.23	4464160	20.0
2,4,6-Cycloheptat...	15.58	8.8	ng/ul	1955930	3	14.23	4464160	20.0
(DEL) Alkane: Str...	15.65	5.6	ng/ul	544542	4	16.99	1949140	20.0
(4-Acetylphenyl)p...	15.70	21.7	ng/ul	2112160	4	16.99	1949140	20.0
[1,1'-Biphenyl]-4...	15.73	19.7	ng/ul	1922940	4	16.99	1949140	20.0
(DEL) Alkane: Str...	15.96	71.6	ng/ul	6980620	4	16.99	1949140	20.0
unknown-01	16.30	7.2	ng/ul	701726	4	16.99	1949140	20.0
unknown-02	16.53	6.1	ng/ul	598201	4	16.99	1949140	20.0
(DEL) Alkane: Cyc...	16.56	5.0	ng/ul	491683	4	16.99	1949140	20.0
(DEL) Alkane: Str...	16.75	61.6	ng/ul	6008390	4	16.99	1949140	20.0
Dibenzothiophene	16.80	31.7	ng/ul	3091870	4	16.99	1949140	20.0
Tricyclo[3.3.3.0(...	16.89	5.8	ng/ul	565794	4	16.99	1949140	20.0
(DEL) Alkane: Str...	17.49	52.8	ng/ul	5142560	4	16.99	1949140	20.0
1-Methyldibenzoth...	17.57	6.9	ng/ul	671875	4	16.99	1949140	20.0
(DEL) Alkane: Str...	17.77	5.7	ng/ul	553922	4	16.99	1949140	20.0
(DEL) Alkane: Str...	18.19	43.8	ng/ul	4266840	4	16.99	1949140	20.0
(DEL) Alkane: Str...	18.65	4.9	ng/ul	479483	4	16.99	1949140	20.0
(DEL) Alkane: Str...	18.83	41.1	ng/ul	4008910	4	16.99	1949140	20.0
(DEL) Alkane: Str...	20.91	11.1	ng/ul	2457910	5	21.19	4442580	20.0
(DEL) Alkane: Str...	21.34	8.9	ng/ul	1979820	5	21.19	4442580	20.0
(DEL) Alkane: Str...	21.77	7.2	ng/ul	1595300	5	21.19	4442580	20.0
(DEL) Alkane: Str...	22.22	4.7	ng/ul	1043680	5	21.19	4442580	20.0
(DEL) Alkane: Str...	23.87	5.9	ng/ul	500942	6	23.37	1693500	20.0