LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012482.D
Acq On : 27 Oct 2017 12:31
Operator : SJ/JU
Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	6	10	21	rVB	175995	239387	1.77%	0.133%
2	3.363	43	47	55	rVB2	95406	137104	1.01%	0.076%
3	3.869	129	133	141	rVB	314358	407649	3.01%	0.226%
4	5.005	322	326	332	rBV	147219	195855	1.44%	0.109%
5	5.534	406	416	423	rVB3	60116	139504	1.03%	0.077%
6	7.040	664	672	686	rVB2	1487804	2846703	21.00%	1.578%
7	7.146	686	690	694	rBV	136522	180243	1.33%	0.100%
8	7.204	694	700	709	rVB	1280536	2007952	14.81%	1.113%
9	7.404	728	734	741	rBV	1543256	2479831	18.30%	1.375%
10	7.798	795	801	805	rBV	278451	417939	3.08%	0.232%
11	7.875	805	814	821	rVB	1402430	2439983	18.00%	1.353%
12	8.057	841	845	850	rBV	92275	139136	1.03%	0.077%
13	8.575	925	933	942	rBV	1722147	2691475	19.86%	1.492%
14	9.028	1002	1010	1017	rBV	1423179	2335430	17.23%	1.295%
15	9.457	1077	1083	1092	rVB	551460	837248	6.18%	0.464%
16	9.745	1121	1132	1140	rBV	1205002	1984038	14.64%	1.100%
17	10.287	1216	1224	1234	rBV	1903888	3103385	22.90%	1.721%
18	10.663	1280	1288	1295	rBV	1768638	2958255	21.83%	1.640%
19	10.798	1303	1311	1324	rBV	1120361	2007939	14.81%	1.113%
20	11.951	1500	1507	1519	rBV	909190	1341959	9.90%	0.744%
21	12.075	1519	1528	1536	rBV	1997656	3191667	23.55%	1.769%
22	13.010	1681	1687	1693	rBV	425334	667883	4.93%	0.370%
23	13.910	1830	1840	1845	rBV	3155063	4261743	31.44%	2.363%
24	13.957	1845	1848	1852	rVB	149076	203513	1.50%	0.113%
25	14.192	1877	1888	1900	rBV	3550540	5707051	42.11%	3.164%
26	14.504	1932	1941	1947	rBV2	2415065	3730304	27.52%	2.068%
27	14.563	1947	1951	1960	rVB	103135	170821	1.26%	0.095%
28	14.698	1967	1974	1985	rBV	771100	1225853	9.04%	0.680%
29	14.904	2004	2009	2017	rVB	144212	260936	1.93%	0.145%
30	15.492	2102	2109	2115	rBV	4519830	6313597	46.58%	3.500%
31	15.551	2115	2119	2124	rVV	300898	428261	3.16%	0.237%
32	15.610	2124	2129	2136	rVV	655612	925944	6.83%	0.513%
33	15.845	2164	2169	2179	rVB2	140129	261836	1.93%	0.145%
34	15.992	2189	2194	2199	rVB	108917	199882	1.47%	0.111%

LSC Area Percent Report

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Data File : BM012482.D
Acq On : 27 Oct 2017 12:31
Operator : SJ/JU
Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

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

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

35	16.221	2228	2233	2241	rBV3	120220	244668	1.81%	0.136%
36	16.551	2278	2289	2294	rBV5	83163	231568	1.71%	0.128%
37	16.780	2320	2328	2331	rBV4	124121	228139	1.68%	0.126%
38	16.898	2344	2348	2354	rVB	185068	274496	2.03%	0.152%
39	16.974	2357	2361	2363	rBV	111974	163026	1.20%	0.090%
40	17.063	2372	2376	2380	rVB	182896	236292	1.74%	0.131%
41	17.245	2401	2407	2410	rBV	3022008	4306568	31.77%	2.388%
42	17.286	2410	2414	2418	rVV	4164466	5591570	41.25%	3.100%
43	17.339	2418	2423	2427	rVV2	4622407	6799239	50.16%	3.770%
44	17.374	2427	2429	2434	rVV	1109946	1320404	9.74%	0.732%
45	17.427	2434	2438	2444	rVB4	112929	204249	1.51%	0.113%
46	17.639	2468	2474	2479	rBV2	256533	454380	3.35%	0.252%
47	18.139	2551	2559	2561	rBV2	975863	2045153	15.09%	1.134%
48	18.163	2561	2563	2569	rVV	891437	1209896	8.93%	0.671%
49	18.245	2573	2577	2582	rVV	410933	567123	4.18%	0.314%
50	18.310	2583	2588	2592	rVV2	757146	1467228	10.82%	0.813%
51	18.345	2592	2594	2600	rVB	436891	566528	4.18%	0.314%
52	18.615	2636	2640	2644	rBV	622698	801997	5.92%	0.445%
53	18.657	2644	2647	2652	rVB2	267142	354811	2.62%	0.197%
54	18.862	2679	2682	2686	rVB2	181788	201679	1.49%	0.112%
55	18.915	2688	2691	2694	rVV	171017	221370	1.63%	0.123%
56	18.951	2694	2697	2701	rVB	218074	282911	2.09%	0.157%
57	19.033	2706	2711	2715	rBV	412535	752952	5.56%	0.417%
58	19.174	2731	2735	2743	rBV	587678	955499	7.05%	0.530%
59	19.298	2750	2756	2762	rVB	8966281	11975562	88.35%	6.639%
60	19.409	2773	2775	2779	rVB	557421	553512	4.08%	0.307%
61	19.627	2807	2812	2815	rBV2	6925806	10712403	79.03%	5.939%
62	19.657	2815	2817	2825	rVV	7846170	9867930	72.80%	5.471%
63	19.727	2826	2829	2836	rVB2	477321	809186	5.97%	0.449%
64	19.833	2845	2847	2853	rVB	564953	703294	5.19%	0.390%
65	19.980	2867	2872	2879	rBV2	652933	1764716	13.02%	0.978%
66	20.451	2949	2952	2955	rBV	438637	490908	3.62%	0.272%
67	20.898	3024	3028	3033	rBV	1268910	1725701	12.73%	0.957%
68	21.127	3064	3067	3074	rVB3	1307080	2433894	17.96%	1.349%
69	21.192	3075	3078	3085	rVB	1234177	1571666	11.60%	0.871%
70	21.403	3109	3114	3119	rBV3	6879700	13554192	100.00%	7.515%
71	21.451	3119	3122	3131	rVB	4778173	6096063	44.98%	3.380%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

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

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

72	23.027	3385	3390	3395	rBV	4261195	9570294	70.61%	5.306%
73	23.521	3470	3474	3478	rBV	1942038	3236785	23.88%	1.794%
74	23.574	3479	3483	3487	rVV2	4045210	7267800	53.62%	4.029%
75	23.621	3487	3491	3499	rVB	4309836	7706108	56.85%	4.272%
76	23.721	3503	3508	3513	rBV	2606993	4411538	32.55%	2.446%

Sum of corrected areas: 180373604

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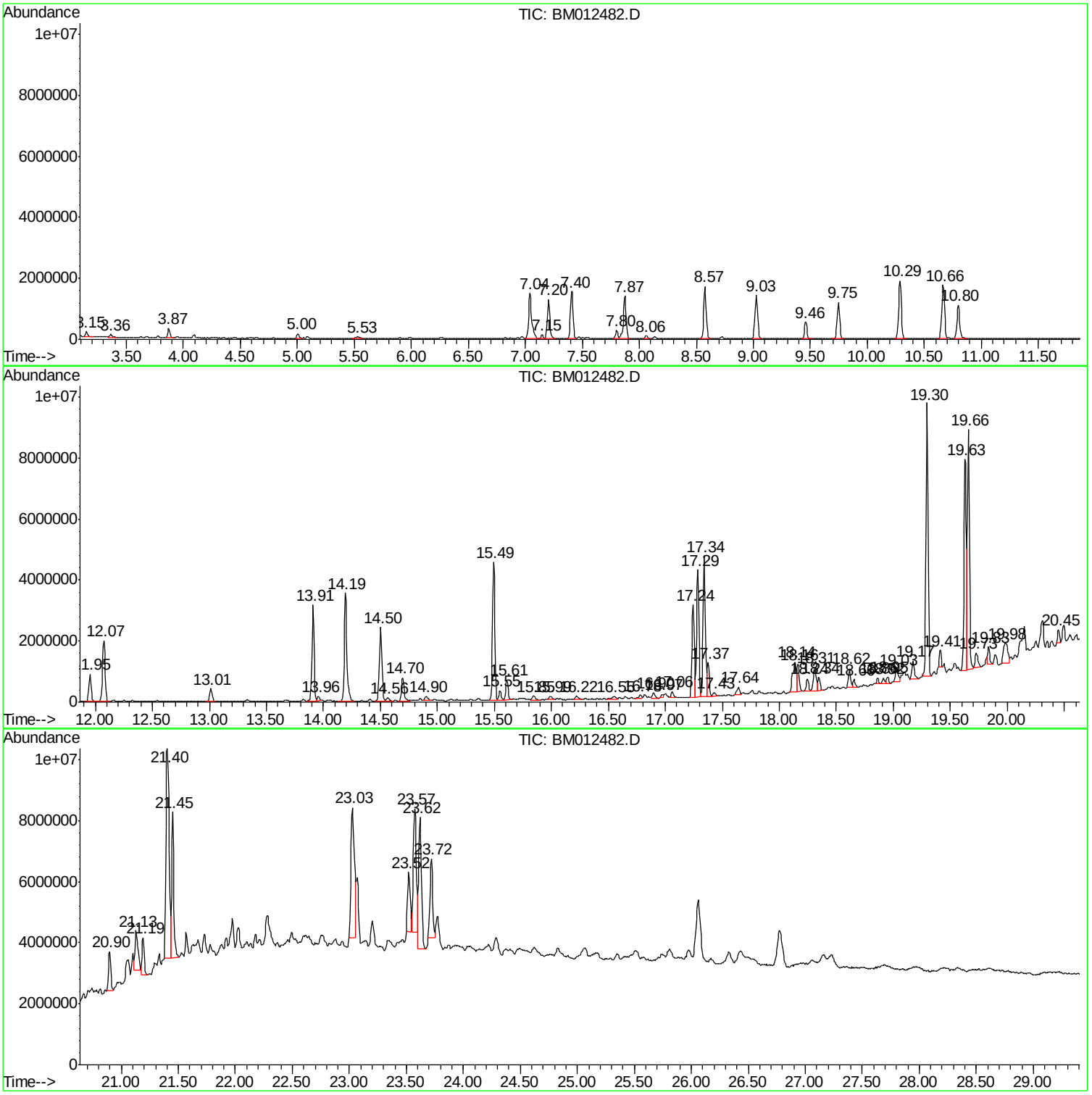
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012482.D
Acq On : 27 Oct 2017 12:31
Operator : SJ/JU
Sample : I5873-07
Misc :
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Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

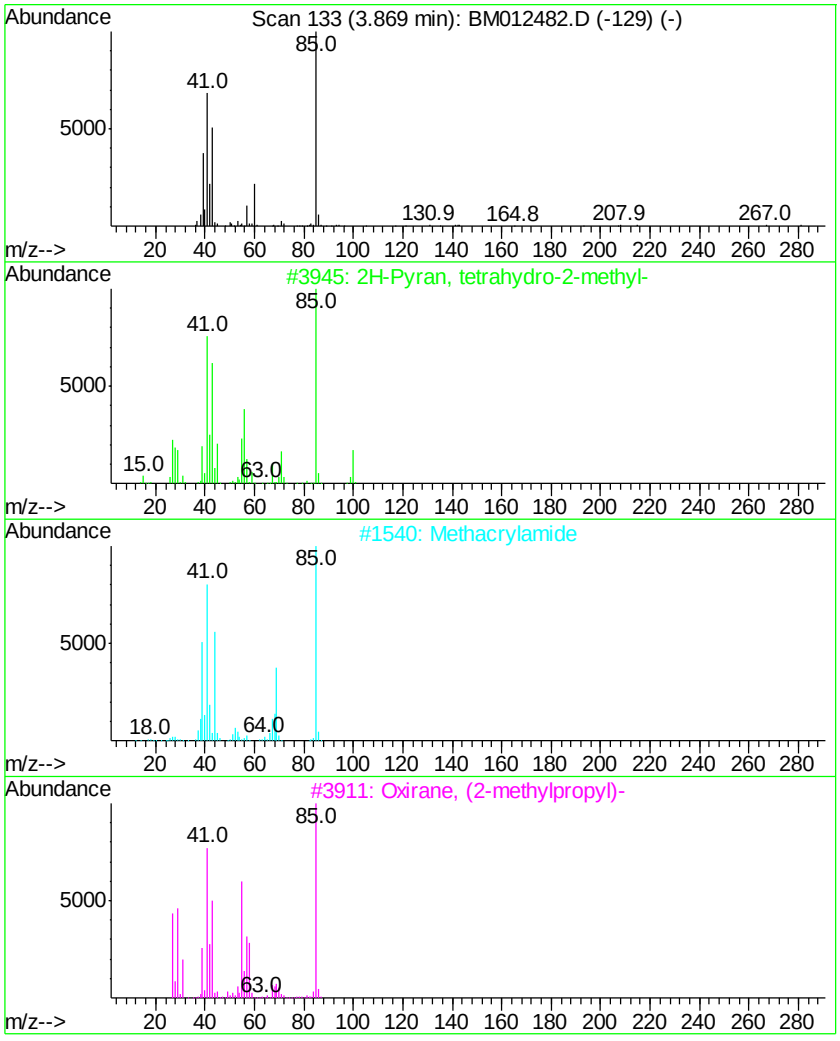
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

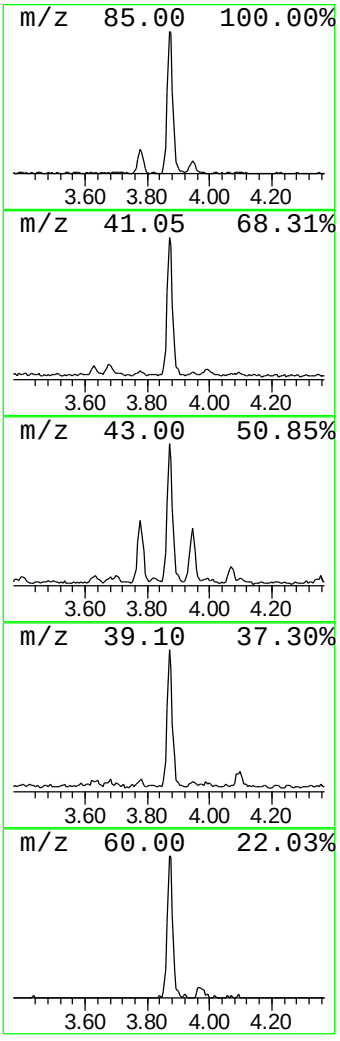
****

Peak Number 1 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	3.34 ng/ul	407649	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
2	Methacrylamide	85	C4H7NO	000079-39-0	38
3	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
4	Hexane, 1,1'-[methylenebis(oxy)]...	216	C13H28O2	054815-12-2	33
5	Thiazole	85	C3H3NS	000288-47-1	28





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012482.D
Acq On : 27 Oct 2017 12:31
Operator : SJ/JU
Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

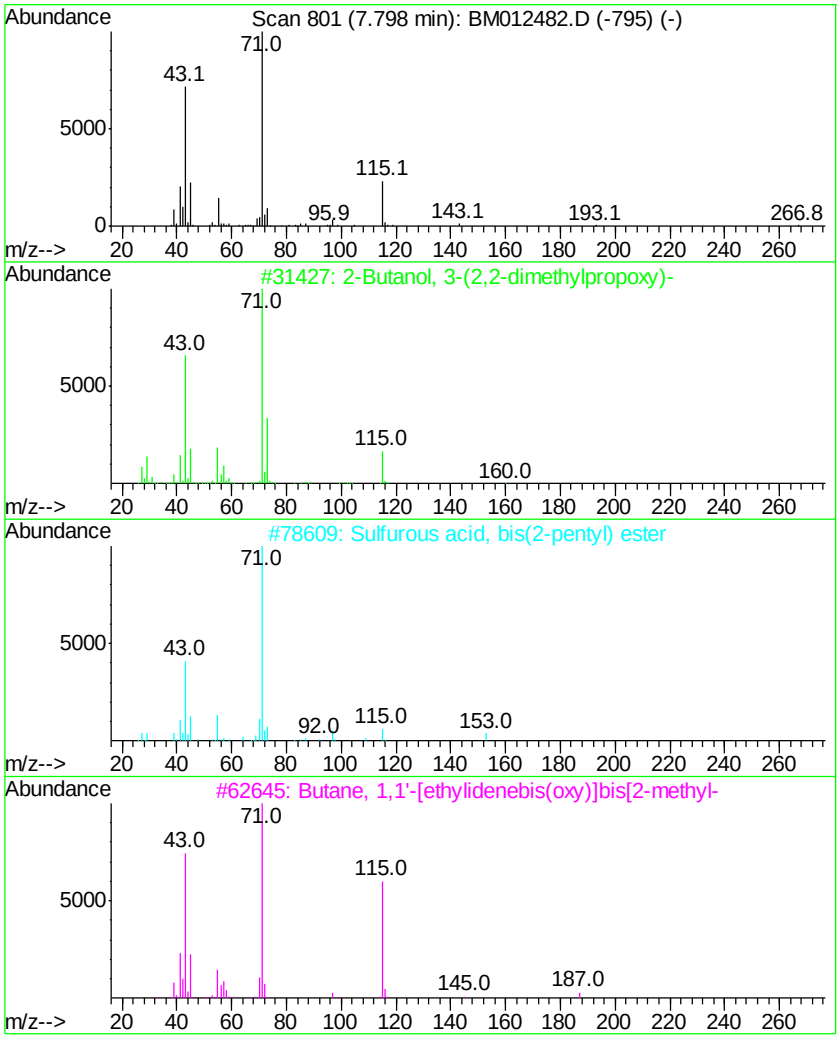
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

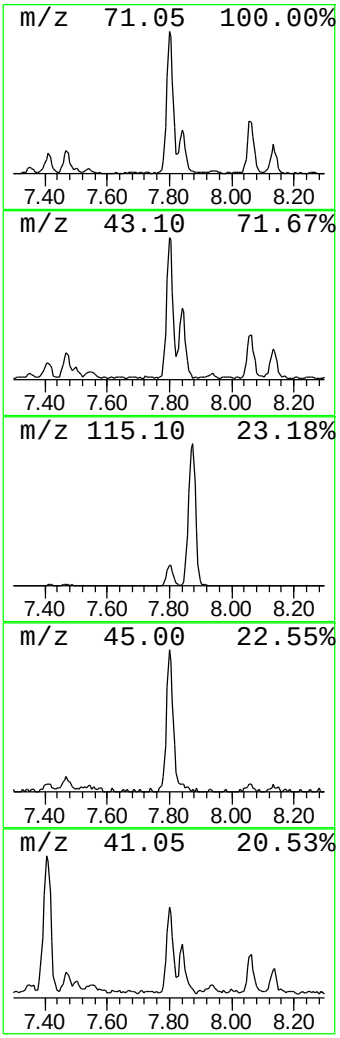
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Butanol, 3-(2,2-dimethylp... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	3.43 ng/ul	417939	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3-(2,2-dimethylpropoxy)-	160	C9H20O2	074793-66-1	64
2	Sulfurous acid, bis(2-pentyl) ester	222	C10H22O3S	1000309-15-3	59
3	Butane, 1,1'-[ethylidenebis(oxy)...	202	C12H26O2	013535-43-8	56
4	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	50
5	Sulfurous acid, 2-pentyl pentyl ...	222	C10H22O3S	1000309-15-4	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012482.D
Acq On : 27 Oct 2017 12:31
Operator : SJ/JU
Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

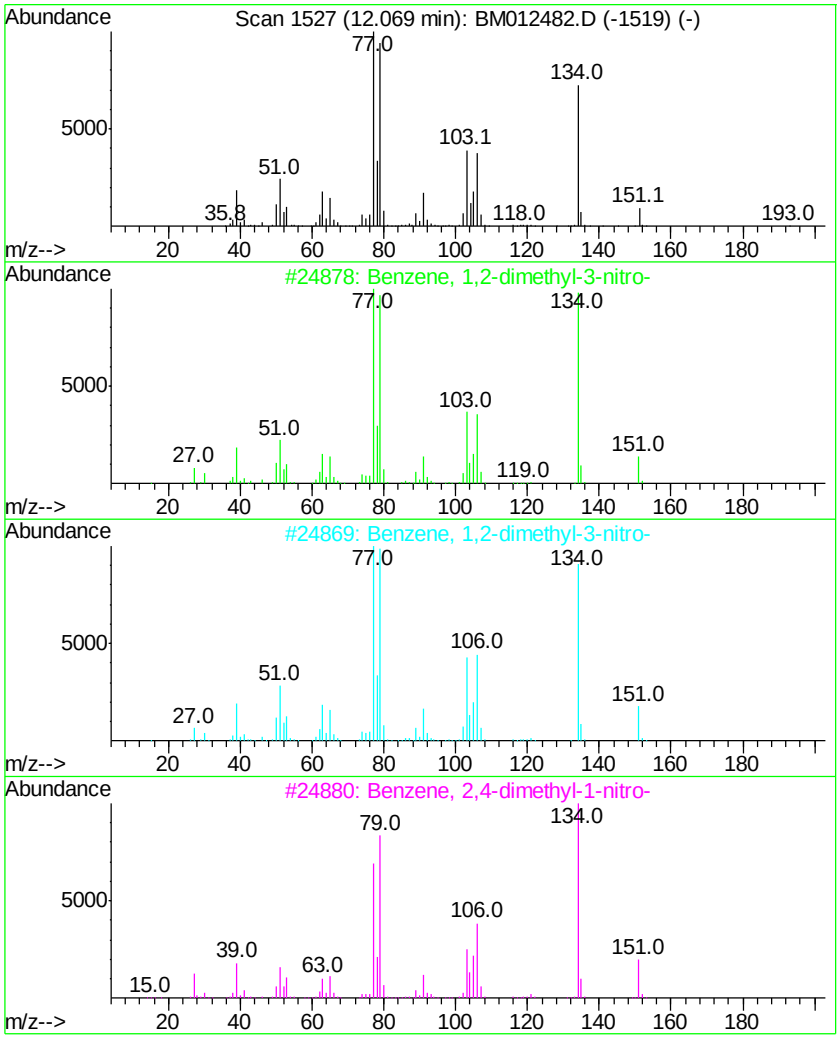
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

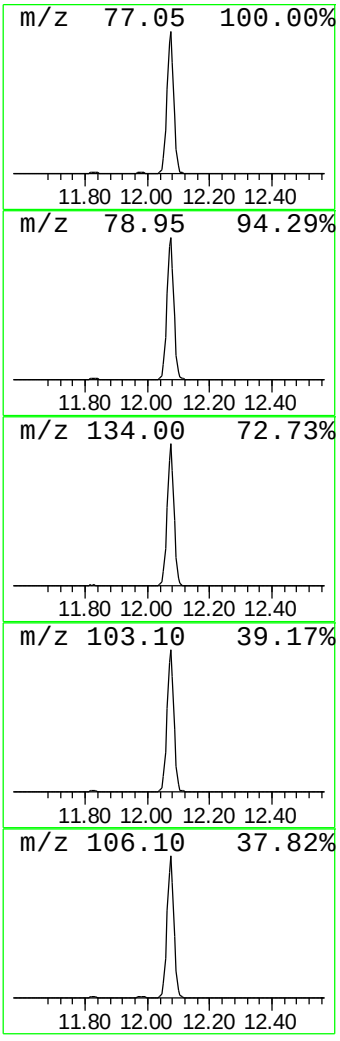
****

Peak Number 5 Benzene, 1,2-dimethyl-3-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	21.58 ng/ul	3191670	Naphthalene-d8	10.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dimethyl-3-nitro-	151	C8H9NO2	000083-41-0	97
2	Benzene, 1,2-dimethyl-3-nitro-	151	C8H9NO2	000083-41-0	97
3	Benzene, 2,4-dimethyl-1-nitro-	151	C8H9NO2	000089-87-2	95
4	Benzene, 1,4-dimethyl-2-nitro-	151	C8H9NO2	000089-58-7	91
5	Benzene, 1,3-dimethyl-2-nitro-	151	C8H9NO2	000081-20-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012482.D
Acq On : 27 Oct 2017 12:31
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Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

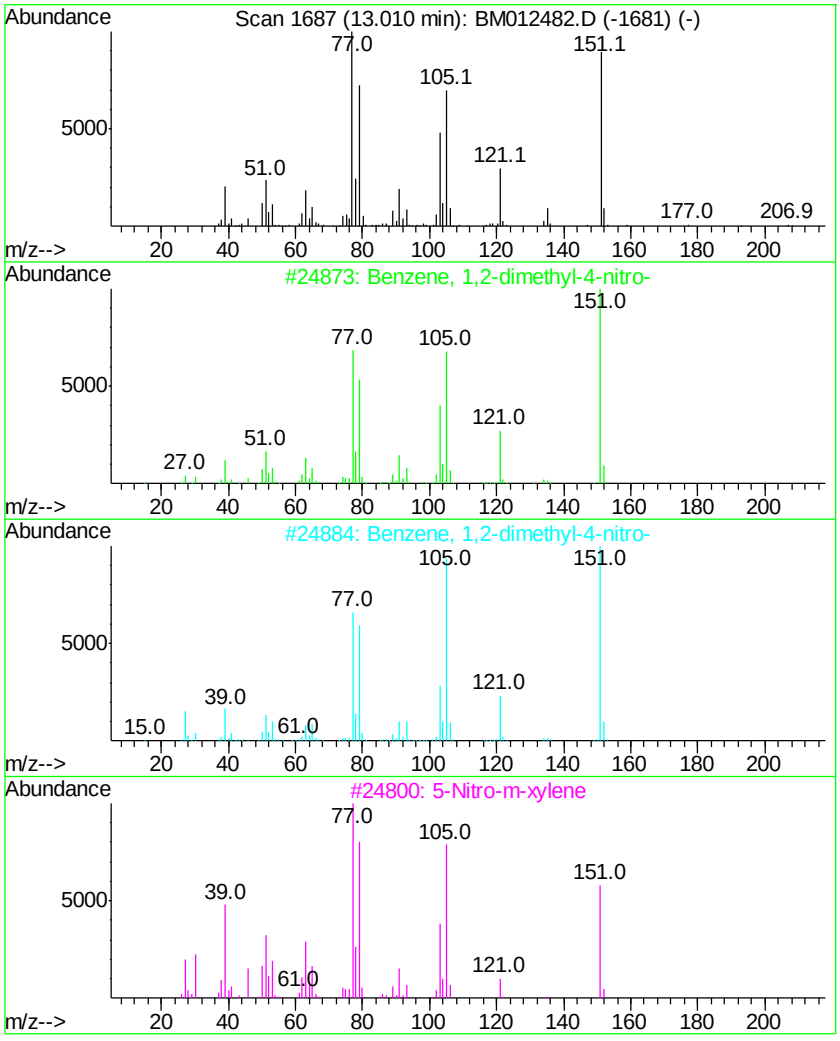
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

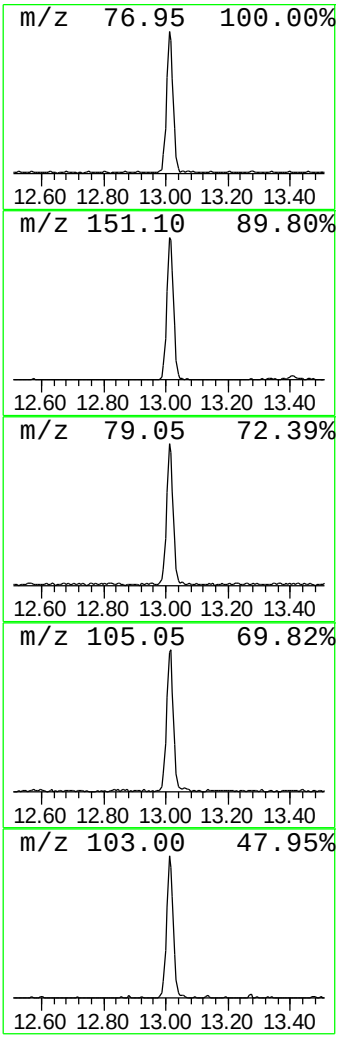
****

Peak Number 6 Benzene, 1,2-dimethyl-4-nitro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	3.58 ng/ul	667883	Acenaphthene-d10	14.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dimethyl-4-nitro-	151	C8H9NO2	000099-51-4	96
2	Benzene, 1,2-dimethyl-4-nitro-	151	C8H9NO2	000099-51-4	87
3	5-Nitro-m-xylene	151	C8H9NO2	000099-12-7	87
4	5-Nitro-m-xylene	151	C8H9NO2	000099-12-7	70
5	5-Nitro-m-xylene	151	C8H9NO2	000099-12-7	58





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012482.D
Acq On : 27 Oct 2017 12:31
Operator : SJ/JU
Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

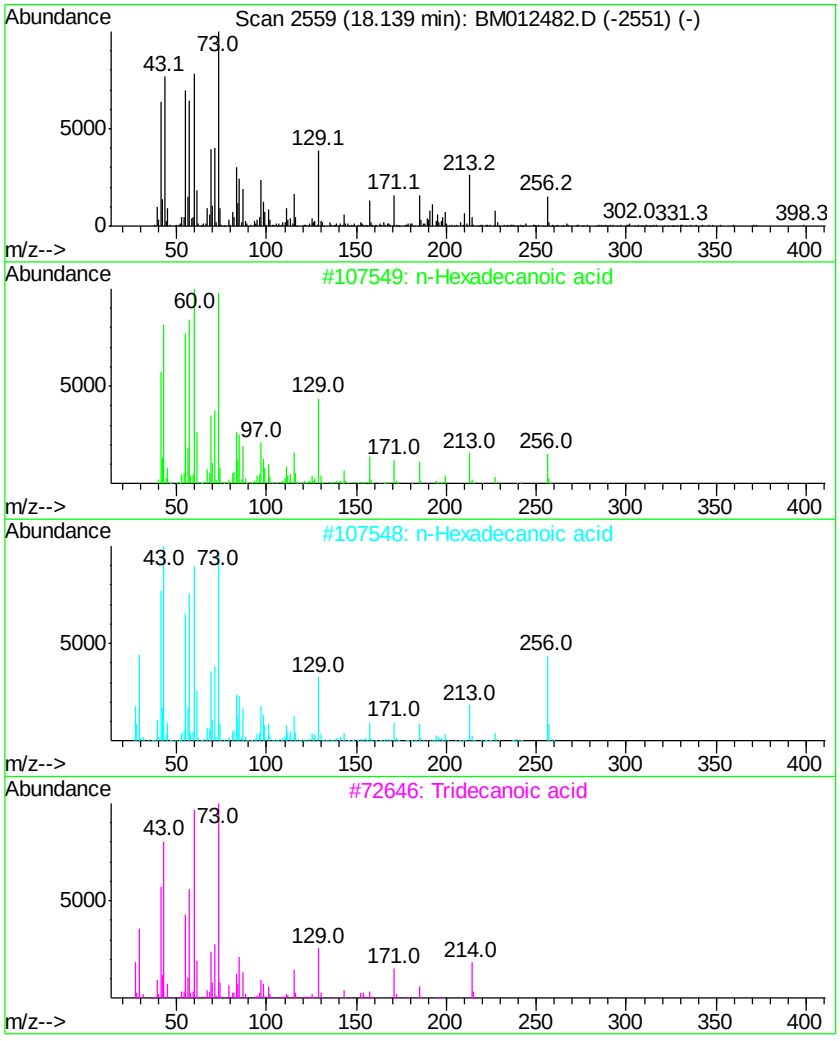
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

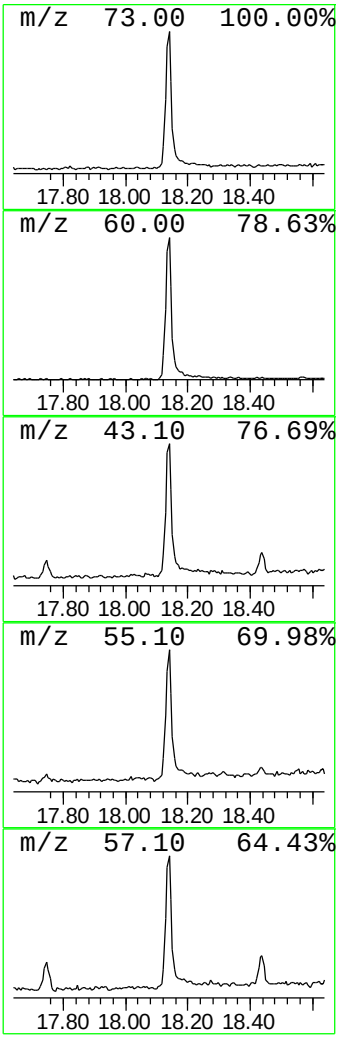
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	9.50 ng/ul	2045150	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012482.D
Acq On : 27 Oct 2017 12:31
Operator : SJ/JU
Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

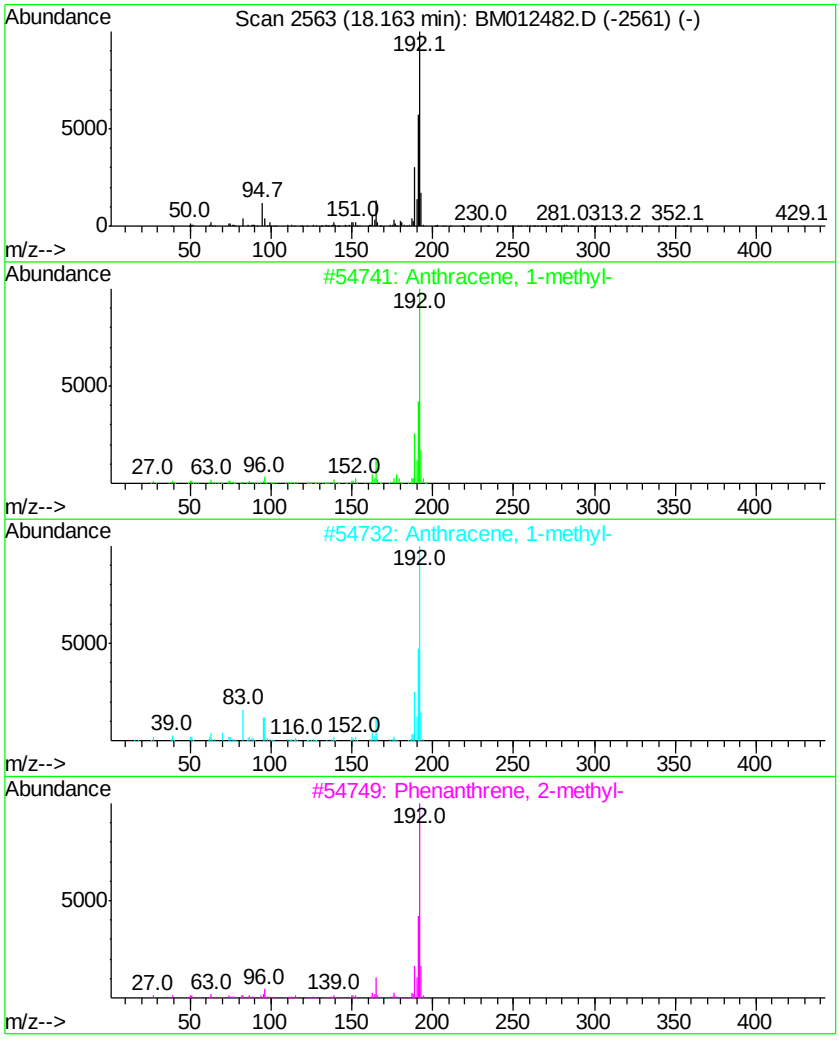
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

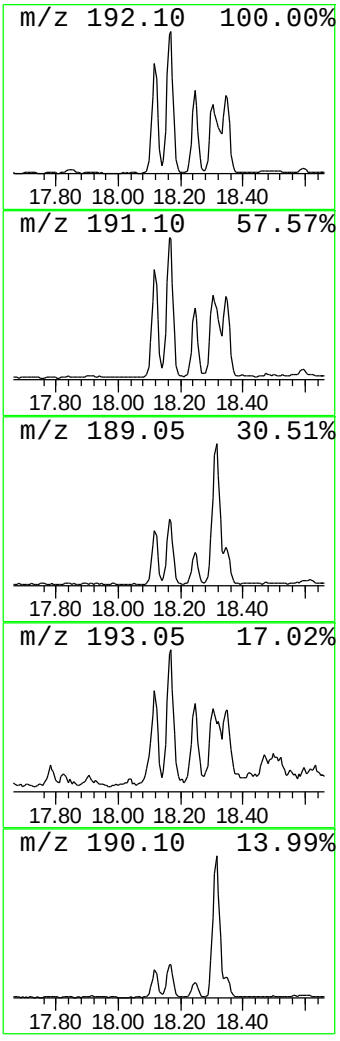
****

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	5.62 ng/ul	1209900	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012482.D
Acq On : 27 Oct 2017 12:31
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Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

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

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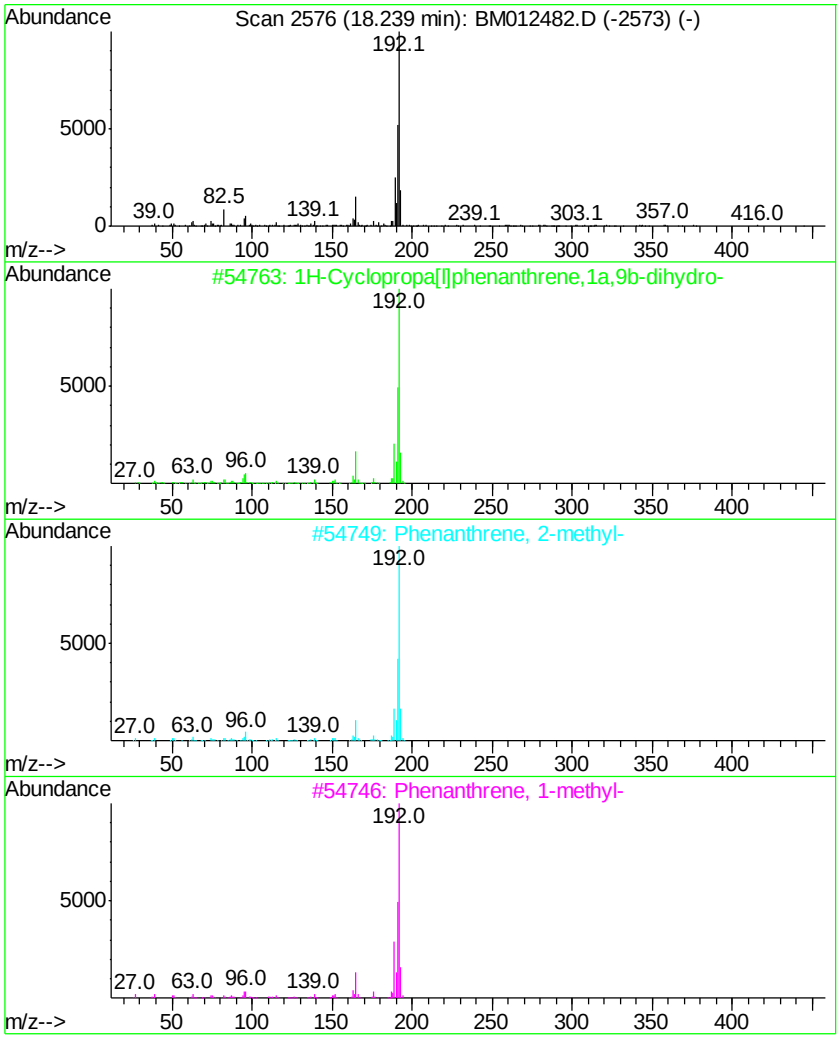
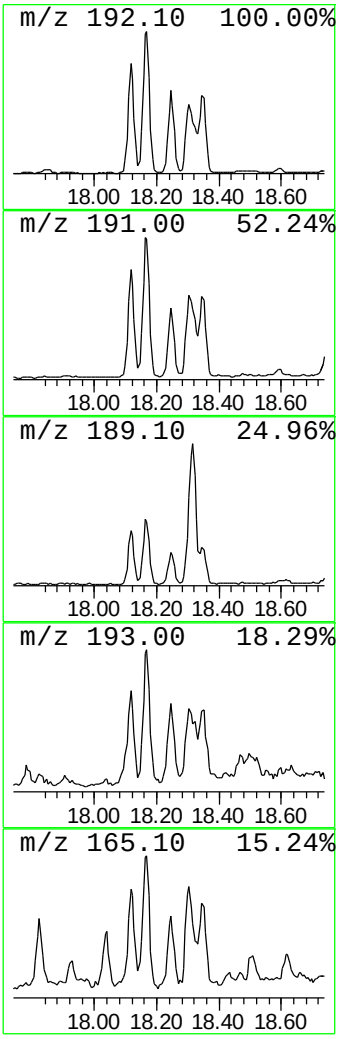
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.63 ng/ul	567123	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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Data File : BM012482.D
Acq On : 27 Oct 2017 12:31
Operator : SJ/JU
Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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Quant Title : SVOA CALIBRATION

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

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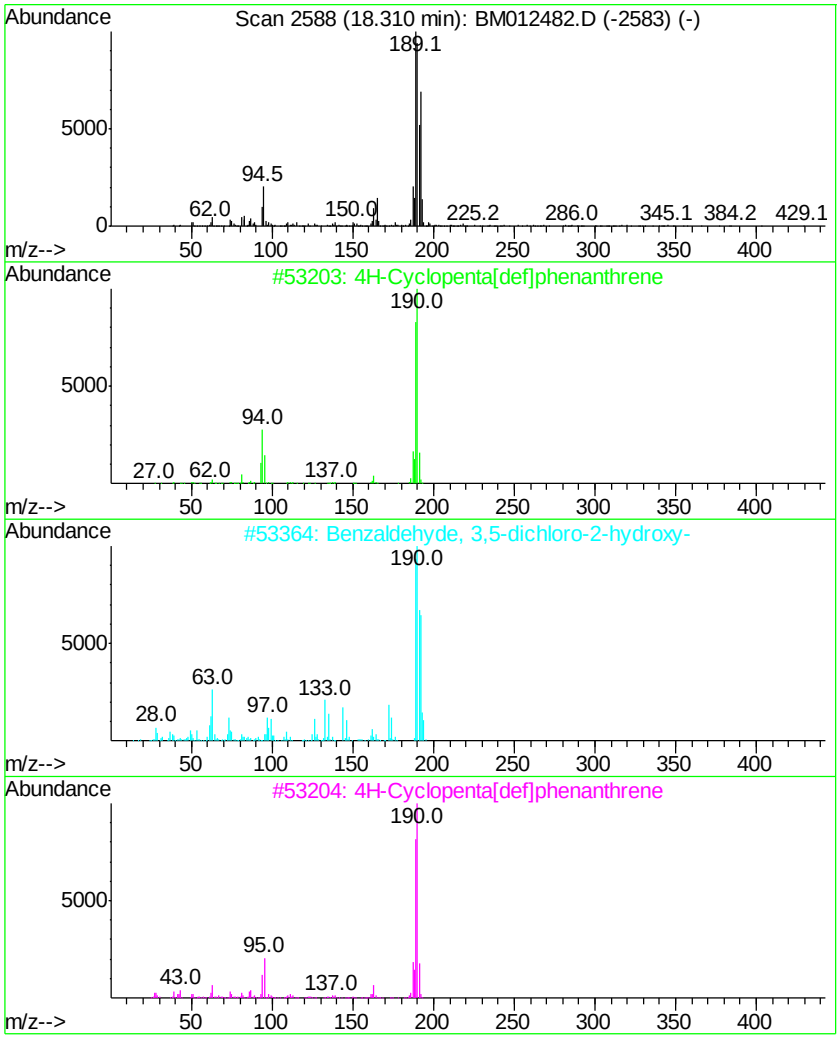
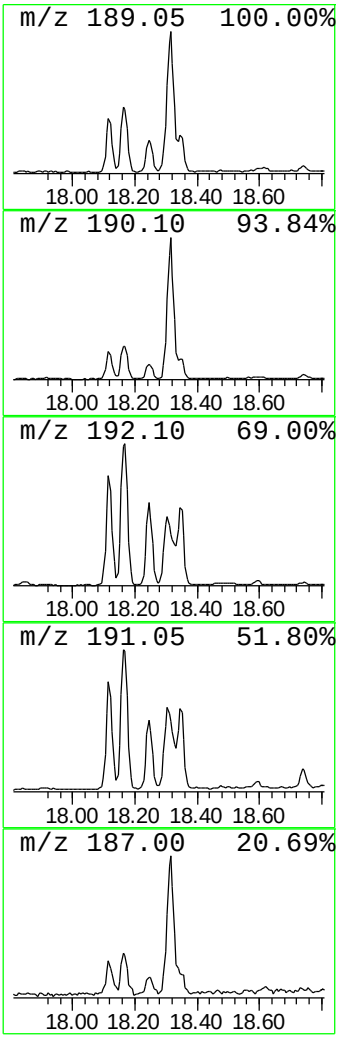
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	6.81 ng/ul	1467230	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
5	Methyl diselenide	190	C2H6Se2	007101-31-7	41





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Sample : I5873-07
Misc :
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Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

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

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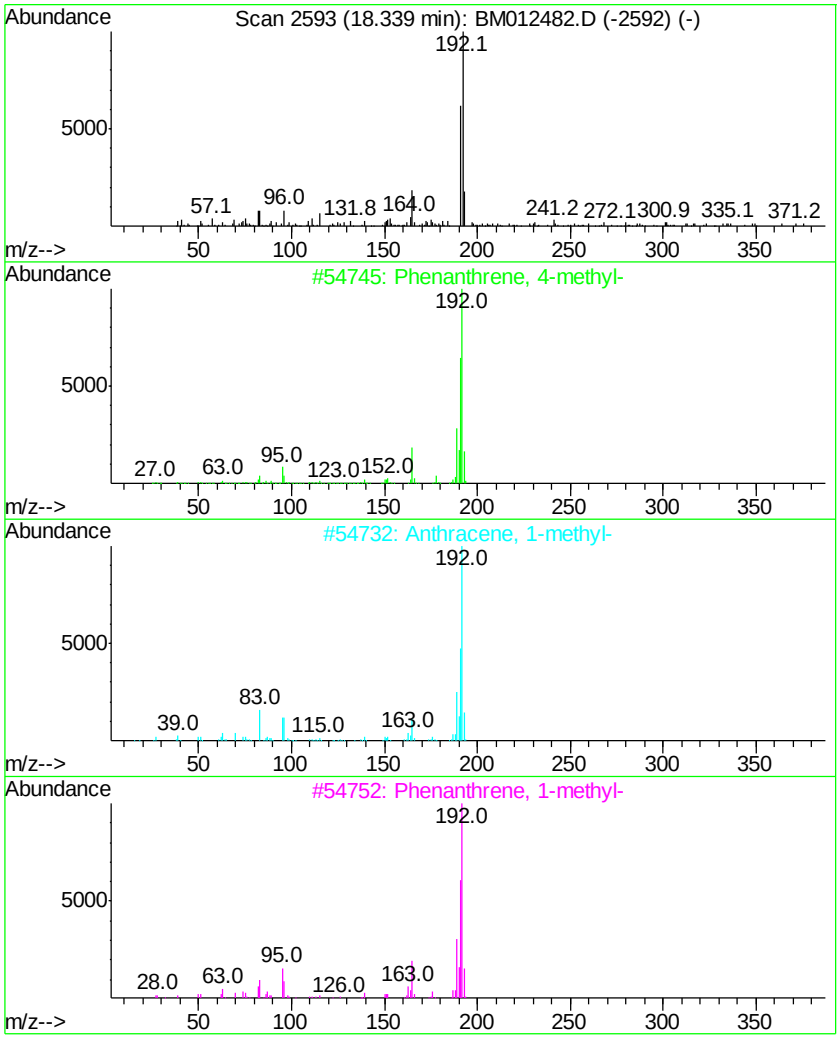
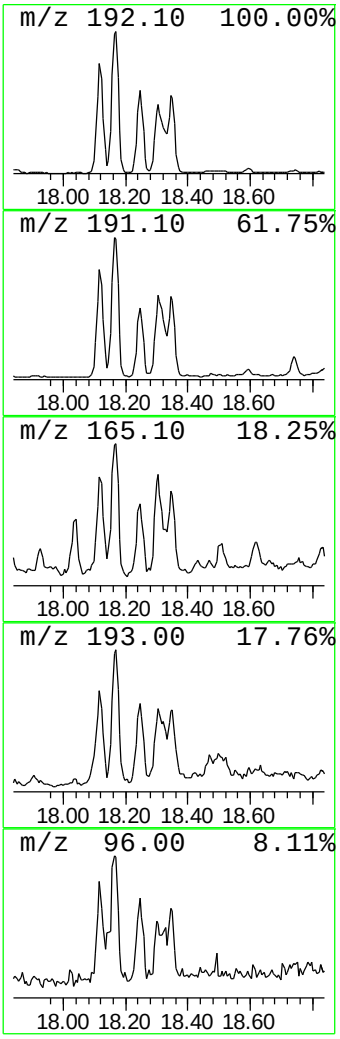
Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.63 ng/ul	566528	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





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Acq On : 27 Oct 2017 12:31
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

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

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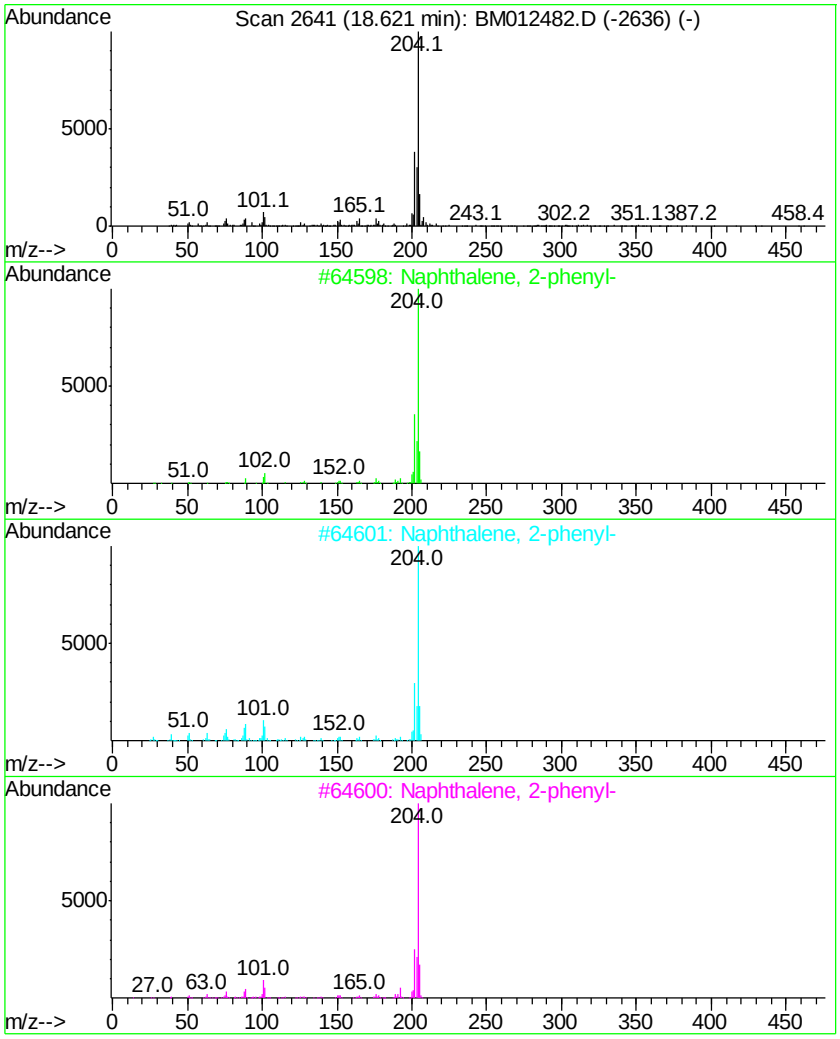
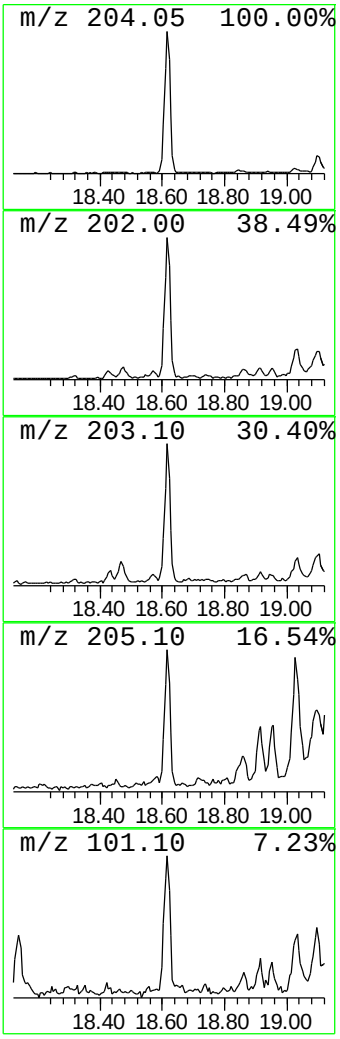
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.72 ng/ul	801997	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





Library Search Compound Report

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Operator : SJ/JU
Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

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

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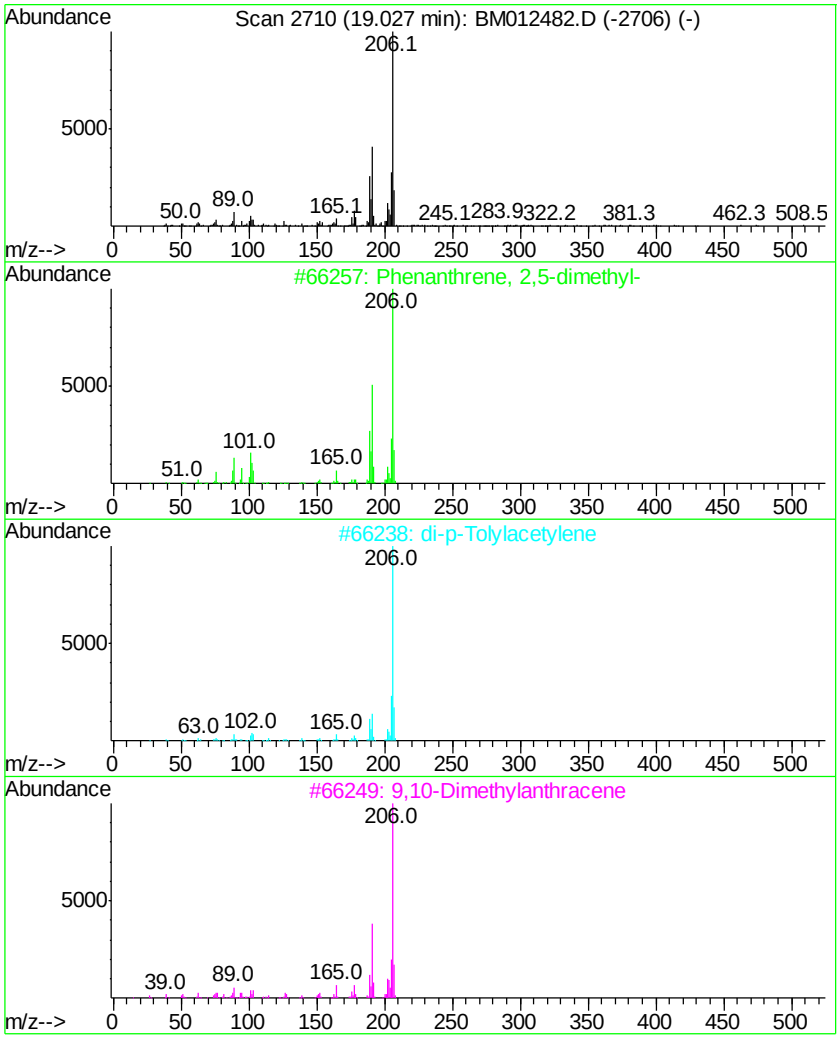
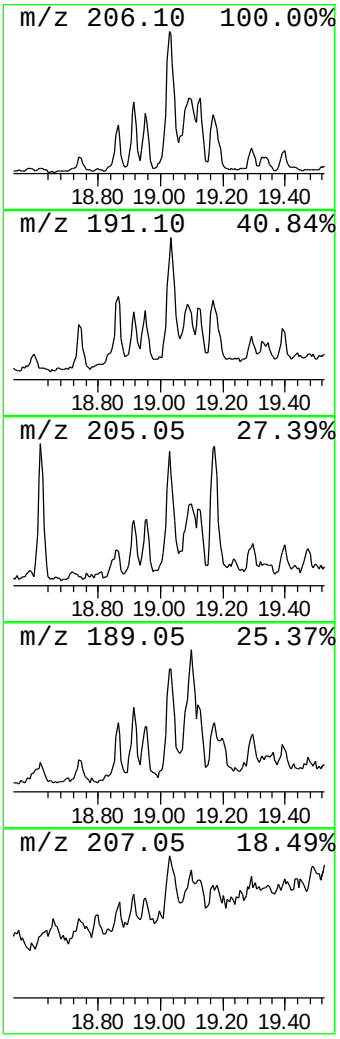
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	3.50 ng/ul	752952	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Acq On : 27 Oct 2017 12:31
Operator : SJ/JU
Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

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

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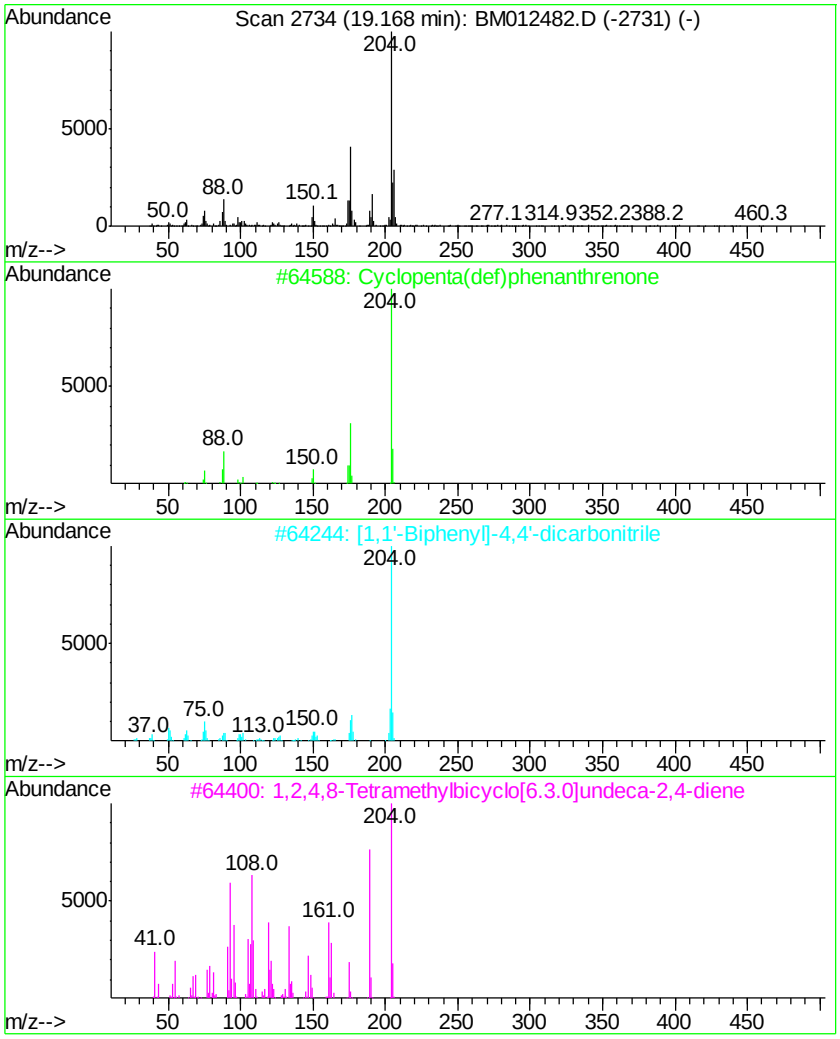
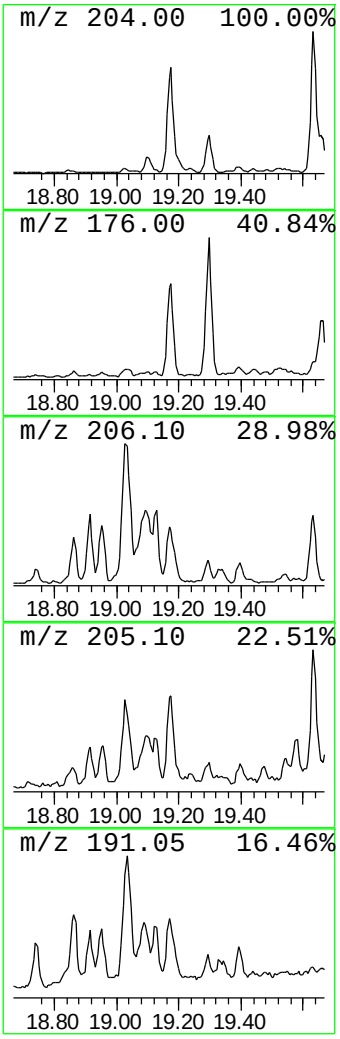
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	4.44 ng/ul	955499	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43





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Acq On : 27 Oct 2017 12:31
Operator : SJ/JU
Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

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

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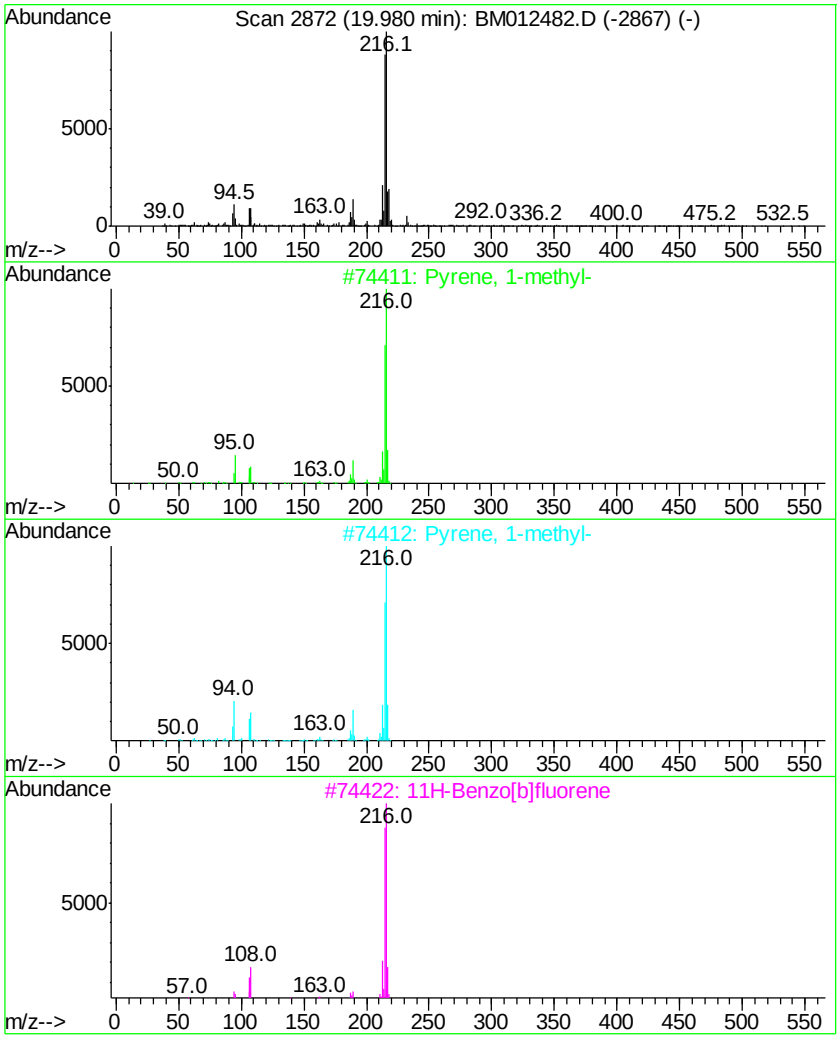
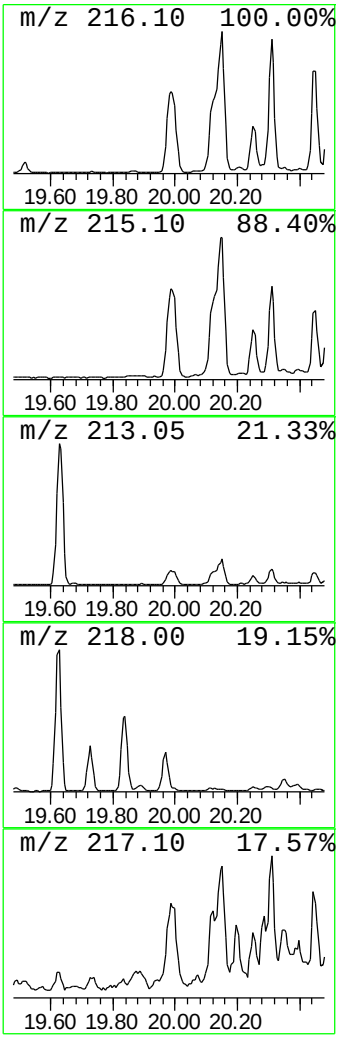
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	2.60 ng/ul	1764720	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Operator : SJ/JU
Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

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

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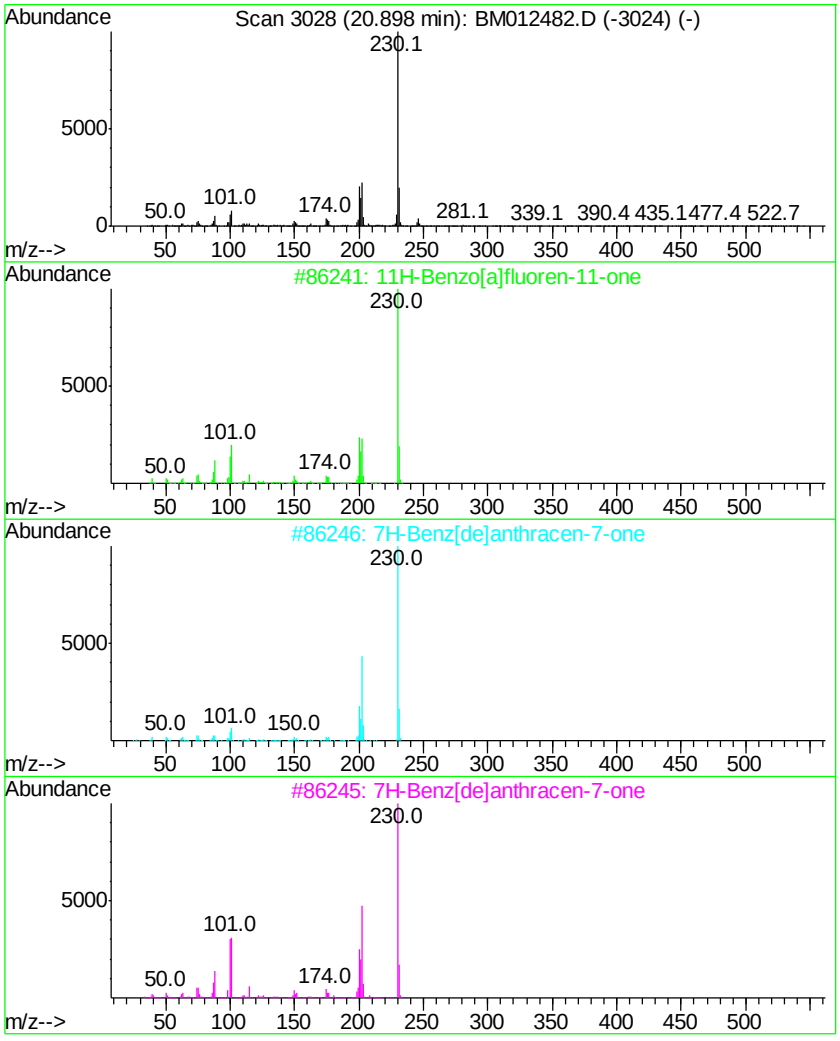
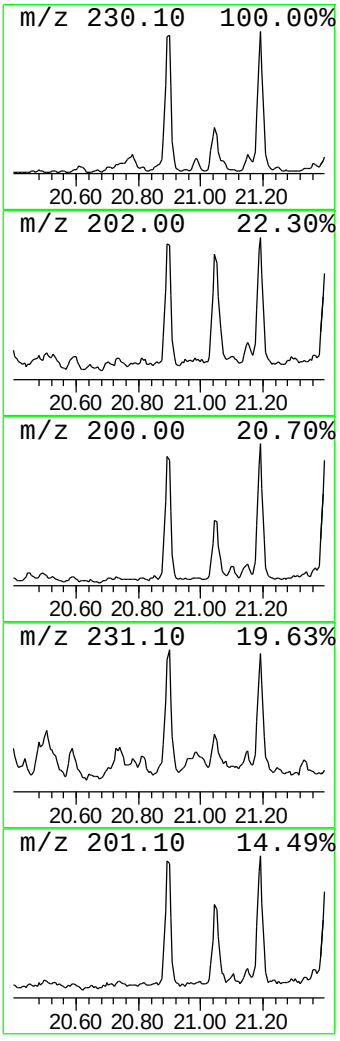
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.55 ng/ul	1725700	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

TIC Library : C:\DATABASE\NIST11.L
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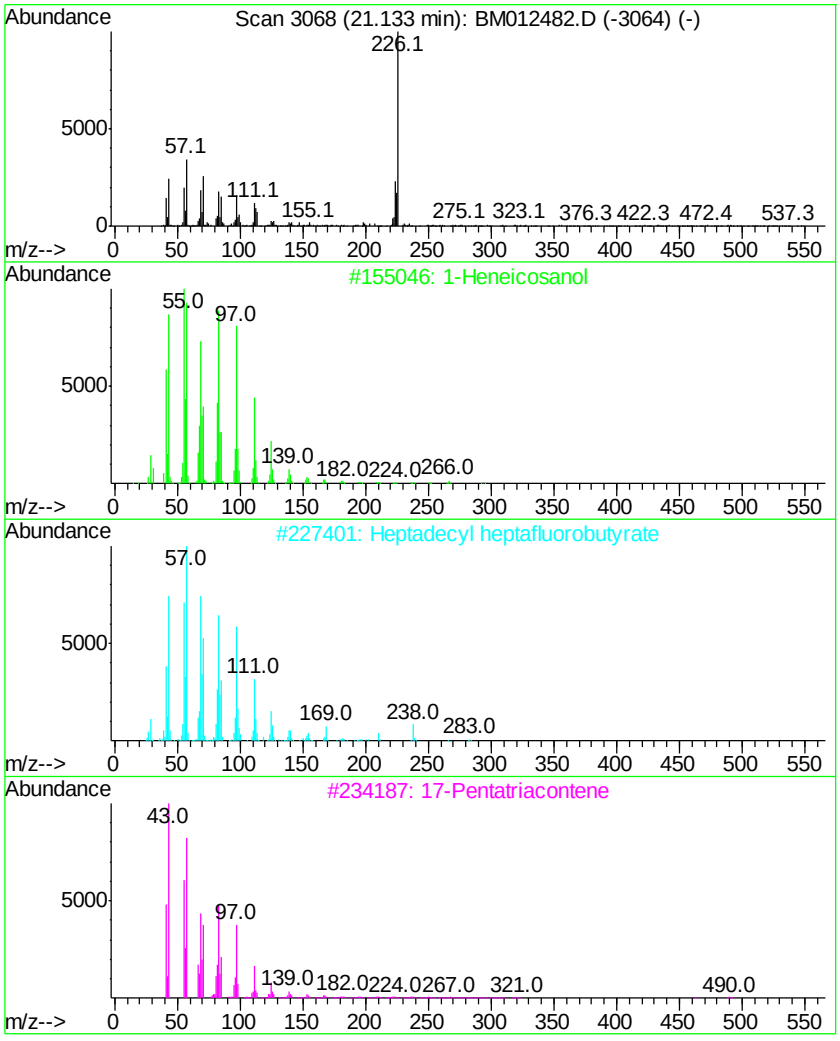
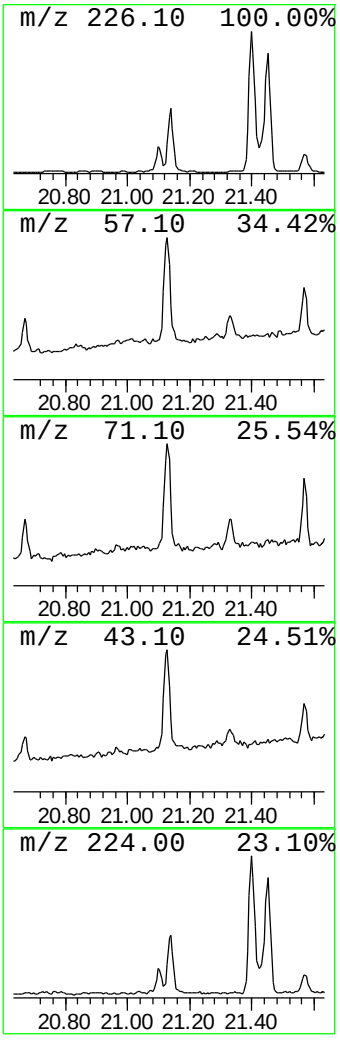
Peak Number 18 1-Heneicosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	3.59 ng/ul	2433890	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	92
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3	17-Pentatriacontene	491	C35H70	006971-40-0	90
4	Behenic alcohol	326	C22H46O	000661-19-8	89
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87





Tentatively Identified Compound (LSC) summary

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Data File : BM012482.D
Acq On : 27 Oct 2017 12:31
Operator : SJ/JU
Sample : I5873-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.87	3.3	ng/ul	407649	1	7.87	2439980	20.0
2-Butanol, 3-(2,2...	7.80	3.4	ng/ul	417939	1	7.87	2439980	20.0
Benzene, 1,2-dime...	12.07	21.6	ng/ul	3191670	2	10.66	2958260	20.0
Benzene, 1,2-dime...	13.01	3.6	ng/ul	667883	3	14.50	3730300	20.0
n-Hexadecanoic acid	18.14	9.5	ng/ul	2045150	4	17.24	4306570	20.0
Anthracene, 1-met...	18.16	5.6	ng/ul	1209900	4	17.24	4306570	20.0
1H-Cyclopropa[l]p...	18.24	2.6	ng/ul	567123	4	17.24	4306570	20.0
4H-Cyclopenta[def...	18.31	6.8	ng/ul	1467230	4	17.24	4306570	20.0
Phenanthrene, 4-m...	18.34	2.6	ng/ul	566528	4	17.24	4306570	20.0
Naphthalene, 2-ph...	18.62	3.7	ng/ul	801997	4	17.24	4306570	20.0
Phenanthrene, 2,5...	19.03	3.5	ng/ul	752952	4	17.24	4306570	20.0
Cyclopenta(def)ph...	19.17	4.4	ng/ul	955499	4	17.24	4306570	20.0
Pyrene, 1-methyl-	19.98	2.6	ng/ul	1764720	5	21.42	13554200	20.0
11H-Benzo[a]fluor...	20.90	2.5	ng/ul	1725700	5	21.42	13554200	20.0
1-Heneicosanol	21.13	3.6	ng/ul	2433890	5	21.42	13554200	20.0