LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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	6.781	640	645	658	rVB	412897	723160	9.16%	0.801%
2	6.939	666	672	682	rBV	315931	503172	6.37%	0.557%
3	7.134	699	705	716	rVB	453695	736309	9.32%	0.815%
4	7.598	777	784	791	rBV	503167	799063	10.12%	0.885%
5	8.310	895	905	913	rBV2	415265	710654	9.00%	0.787%
6	8.686	959	969	974	rBV5	59803	136138	1.72%	0.151%
7	8.751	974	980	990	rVV	435909	778096	9.85%	0.862%
8	8.892	999	1004	1007	rBV4	45357	82362	1.04%	0.091%
9	8.939	1007	1012	1016	rVB6	57794	117156	1.48%	0.130%
10	9.286	1066	1071	1077	rVB5	52230	82380	1.04%	0.091%
11	9.469	1093	1102	1111	rBV3	416520	940616	11.91%	1.042%
12	9.551	1111	1116	1124	rVV8	90555	187445	2.37%	0.208%
13	9.775	1149	1154	1159	rBV5	63496	129893	1.64%	0.144%
14	10.004	1187	1193	1200	rVB	519830	879077	11.13%	0.973%
15	10.233	1228	1232	1235	rBV5	52044	84369	1.07%	0.093%
16	10.269	1235	1238	1242	rVV4	69718	118987	1.51%	0.132%
17	10.333	1245	1249	1250	rVV3	83851	116320	1.47%	0.129%
18	10.369	1250	1255	1261	rVV	698207	1283882	16.26%	1.422%
19	10.422	1261	1264	1271	rVV2	104567	219047	2.77%	0.243%
20	10.522	1271	1281	1288	rVV3	463443	1116189	14.13%	1.236%
21	10.592	1290	1293	1300	rVV8	62039	128892	1.63%	0.143%
22	10.669	1302	1306	1310	rVB6	63004	94785	1.20%	0.105%
23	10.751	1315	1320	1327	rBV8	80071	148190	1.88%	0.164%
24	10.980	1355	1359	1362	rBV3	57191	83257	1.05%	0.092%
25	11.069	1364	1374	1378	rVV7	157493	391463	4.96%	0.433%
26	11.139	1381	1386	1391	rVV4	40320	84039	1.06%	0.093%
27	11.398	1424	1430	1434	rBV	698421	1071915	13.57%	1.187%
28	11.469	1440	1442	1448	rVB6	121207	220552	2.79%	0.244%
29	11.651	1467	1473	1477	rBV9	58533	109508	1.39%	0.121%
30	11.698	1477	1481	1490	rBV2	139283	231863	2.94%	0.257%
31	12.045	1534	1540	1545	rVB	683609	1127096	14.27%	1.248%
32	12.110	1547	1551	1558	rBV8	44109	89631	1.13%	0.099%
33	12.174	1558	1562	1565	rBV4	57802	86981	1.10%	0.096%
34	12.263	1571	1577	1587	rVB	458802	823272	10.42%	0.912%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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	12.510	1614	1619	1626	rVB	173954	308576	3.91%	0.342%
36	12.586	1628	1632	1638	rVV9	59301	103801	1.31%	0.115%
37	12.663	1639	1645	1651	rVB9	87312	208675	2.64%	0.231%
38	12.733	1651	1657	1659	rBV7	81238	146796	1.86%	0.163%
39	12.774	1659	1664	1669	rVV	761945	1077670	13.65%	1.193%
40	12.821	1669	1672	1680	rVB6	106900	212152	2.69%	0.235%
41	13.010	1698	1704	1707	rBV6	95687	176595	2.24%	0.196%
42	13.157	1727	1729	1734	rBV5	53599	85085	1.08%	0.094%
43	13.274	1745	1749	1752	rBV	116269	183788	2.33%	0.204%
44	13.404	1765	1771	1772	rBV	194722	261445	3.31%	0.289%
45	13.568	1793	1799	1803	rBV3	311920	563000	7.13%	0.623%
46	13.621	1804	1808	1810	rVV	213531	292655	3.71%	0.324%
47	13.663	1810	1815	1820	rVV	1063548	1632463	20.67%	1.808%
48	13.733	1820	1827	1832	rVB3	950530	1747984	22.13%	1.936%
49	13.880	1849	1852	1856	rBV5	94120	149278	1.89%	0.165%
50	13.939	1857	1862	1866	rBV	1095854	1571054	19.89%	1.740%
51	14.068	1881	1884	1892	rVB4	222249	350137	4.43%	0.388%
52	14.151	1894	1898	1903	rVB4	142549	238011	3.01%	0.264%
53	14.233	1903	1912	1920	rBV3	1338162	3314107	41.96%	3.670%
54	14.315	1920	1926	1934	rVV	1490690	2368549	29.99%	2.623%
55	14.392	1935	1939	1946	rVV5	234376	412284	5.22%	0.457%
56	14.480	1948	1954	1960	rVB6	385789	759512	9.62%	0.841%
57	14.651	1978	1983	1993	rVB	1127149	1774304	22.47%	1.965%
58	14.733	1994	1997	2001	rVB	126886	159879	2.02%	0.177%
59	14.780	2001	2005	2010	rBV4	273239	430190	5.45%	0.476%
60	14.874	2017	2021	2024	rBV5	150876	230028	2.91%	0.255%
61	15.033	2041	2048	2053	rBV7	234025	532162	6.74%	0.589%
62	15.115	2060	2062	2066	rVB4	111652	109068	1.38%	0.121%
63	15.251	2079	2085	2089	rVB	1416011	2022514	25.61%	2.240%
64	15.304	2089	2094	2099	rBV2	1525108	2246811	28.45%	2.488%
65	15.392	2105	2109	2113	rBV	362130	504194	6.38%	0.558%
66	15.468	2118	2122	2126	rBV2	148559	192500	2.44%	0.213%
67	15.521	2126	2131	2135	rBV	703174	997206	12.63%	1.104%
68	15.621	2141	2148	2153	rVB2	1201913	1942475	24.60%	2.151%
69	15.721	2160	2165	2169	rBV	1316032	1830596	23.18%	2.027%
70	15.815	2178	2181	2183	rBV4	102605	124945	1.58%	0.138%
71	16.004	2205	2213	2217	rBV	1727438	2853445	36.13%	3.160%

LSC Area Percent Report

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Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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	16.045	2217	2220	2225	rVB	753614	956582	12.11%	1.059%
73	16.309	2263	2265	2270	rVB4	182633	239794	3.04%	0.266%
74	16.821	2348	2352	2362	rVB	1109186	1663874	21.07%	1.842%
75	16.915	2364	2368	2372	rBV2	257322	332691	4.21%	0.368%
76	17.003	2378	2383	2386	rBV	1282386	1876383	23.76%	2.078%
77	17.045	2386	2390	2396	rVV	5533990	7897564	100.00%	8.745%
78	17.103	2396	2400	2403	rVV	1615354	2309471	29.24%	2.557%
79	17.139	2403	2406	2411	rVB	884838	1178333	14.92%	1.305%
80	17.227	2418	2421	2427	rVB2	341265	483631	6.12%	0.536%
81	17.427	2452	2455	2462	rVB4	295805	500076	6.33%	0.554%
82	17.880	2528	2532	2535	rBV	309138	432034	5.47%	0.478%
83	17.927	2535	2540	2546	rVB	555961	963860	12.20%	1.067%
84	18.074	2560	2565	2569	rBV2	768636	1147344	14.53%	1.270%
85	18.203	2584	2587	2590	rBV3	117246	147648	1.87%	0.163%
86	18.386	2614	2618	2622	rBV	336089	485874	6.15%	0.538%
87	19.074	2729	2735	2741	rBV	4088746	5487645	69.49%	6.076%
88	19.127	2741	2744	2748	rVB2	488202	601104	7.61%	0.666%
89	19.197	2754	2756	2760	rVB4	198478	192959	2.44%	0.214%
90	19.403	2786	2791	2794	rBV2	2363172	3699403	46.84%	4.096%
91	19.433	2794	2796	2805	rVB	2739639	3395985	43.00%	3.760%
92	19.750	2843	2850	2855	rBV7	265469	725784	9.19%	0.804%
93	19.933	2879	2881	2885	rVB	263921	268711	3.40%	0.298%
94	20.033	2895	2898	2902	rVB	376674	495456	6.27%	0.549%
95	20.927	3047	3050	3057	rVB3	334706	450769	5.71%	0.499%
96	21.203	3091	3097	3100	rBV2	1787277	2860677	36.22%	3.168%
97	21.238	3101	3103	3109	rVB	534417	596462	7.55%	0.660%
98	23.262	3441	3447	3453	rBV2	1306689	2435523	30.84%	2.697%
99	23.397	3465	3470	3477	rVB	1108558	1935049	24.50%	2.143%

Sum of corrected areas: 90310379

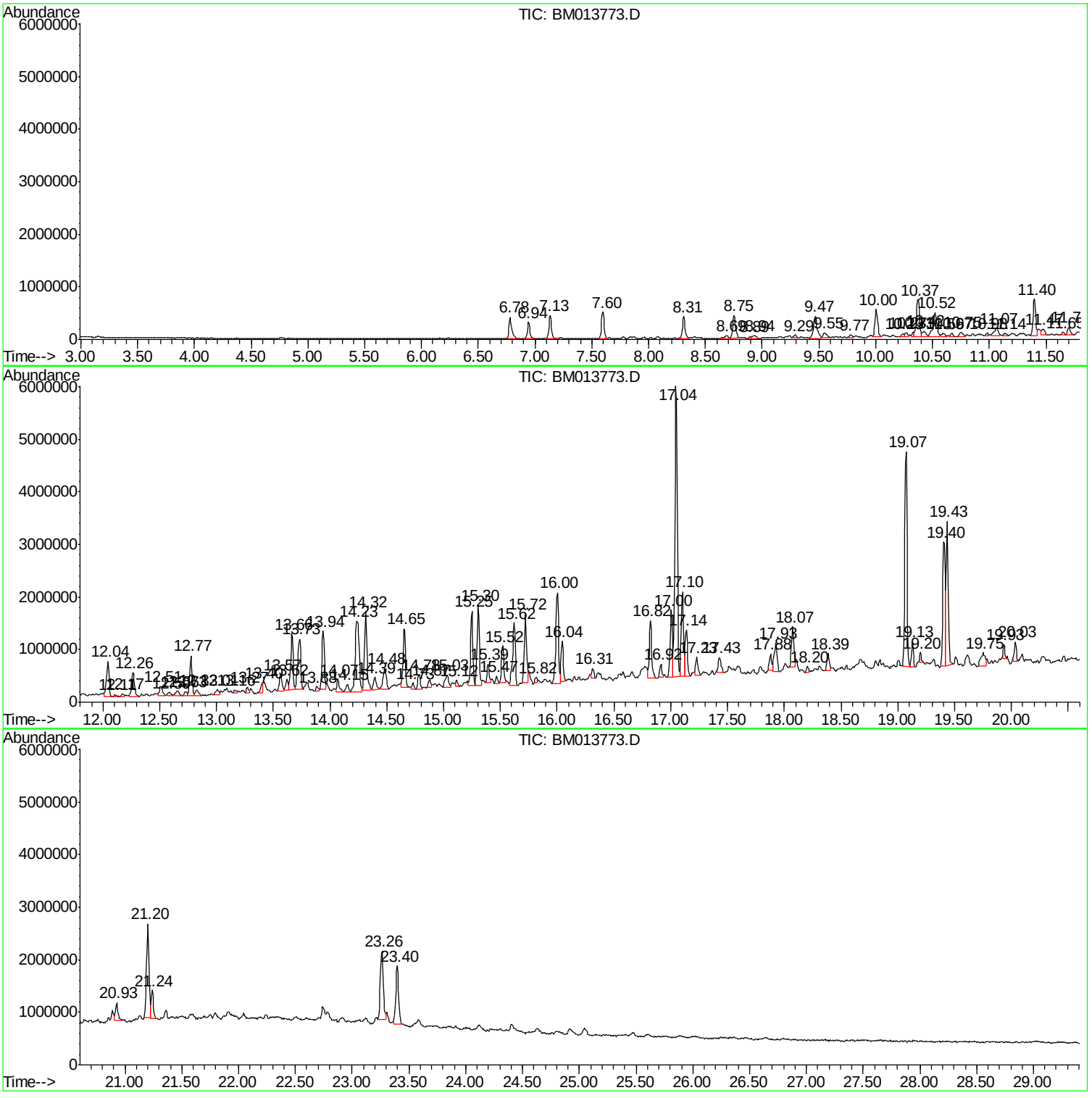
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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

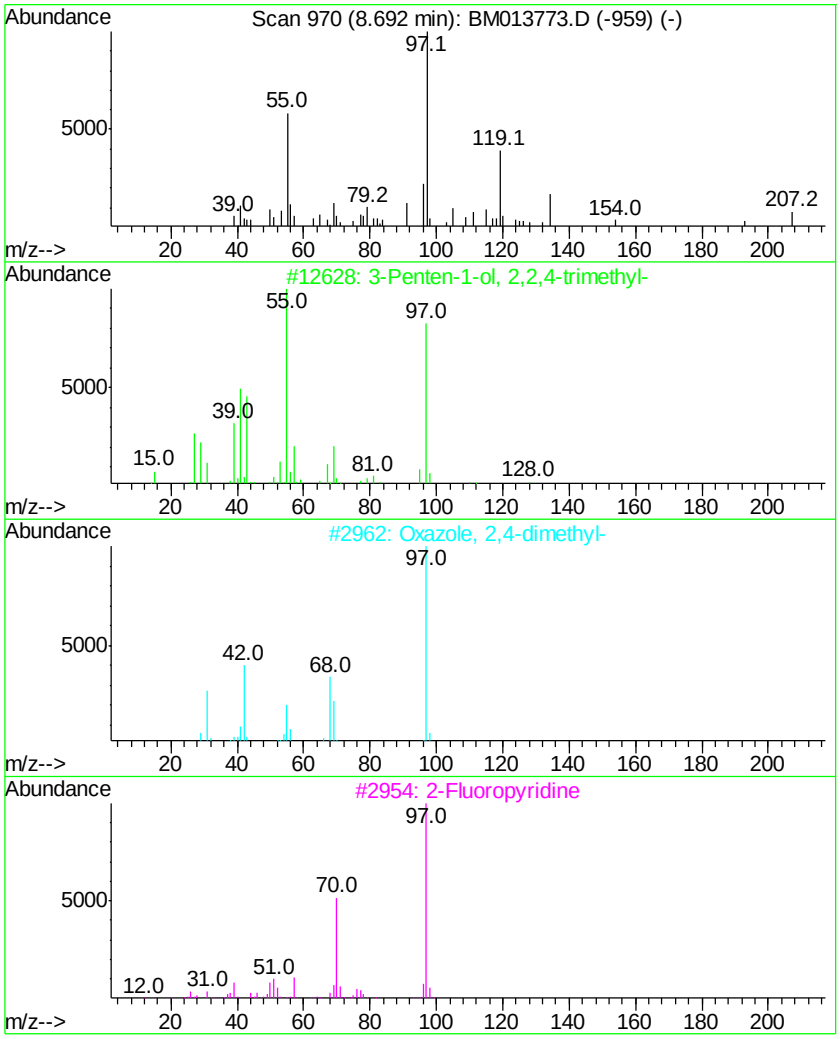
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

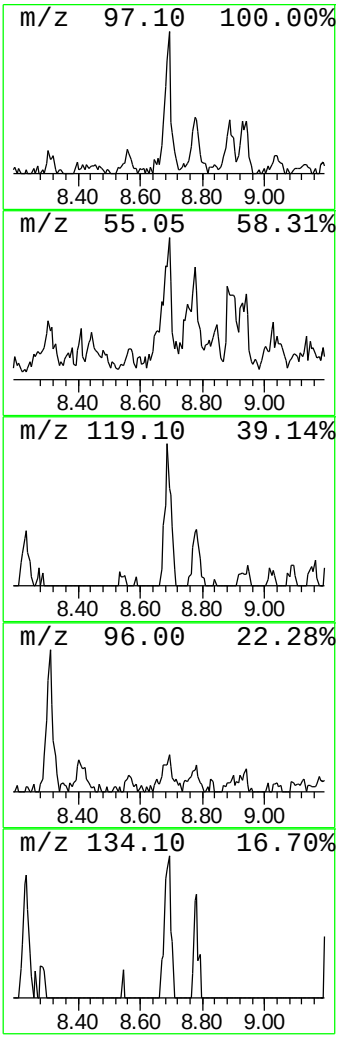
****

Peak Number 1 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	3.41 ng/ul	136138	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-1-ol, 2,2,4-trimethyl-	128	C8H16O	005842-53-5	38
2	Oxazole, 2,4-dimethyl-	97	C5H7NO	007208-05-1	38
3	2-Fluoropyridine	97	C5H4FN	000372-48-5	25
4	p-Cymene	134	C10H14	000099-87-6	15
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	15





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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

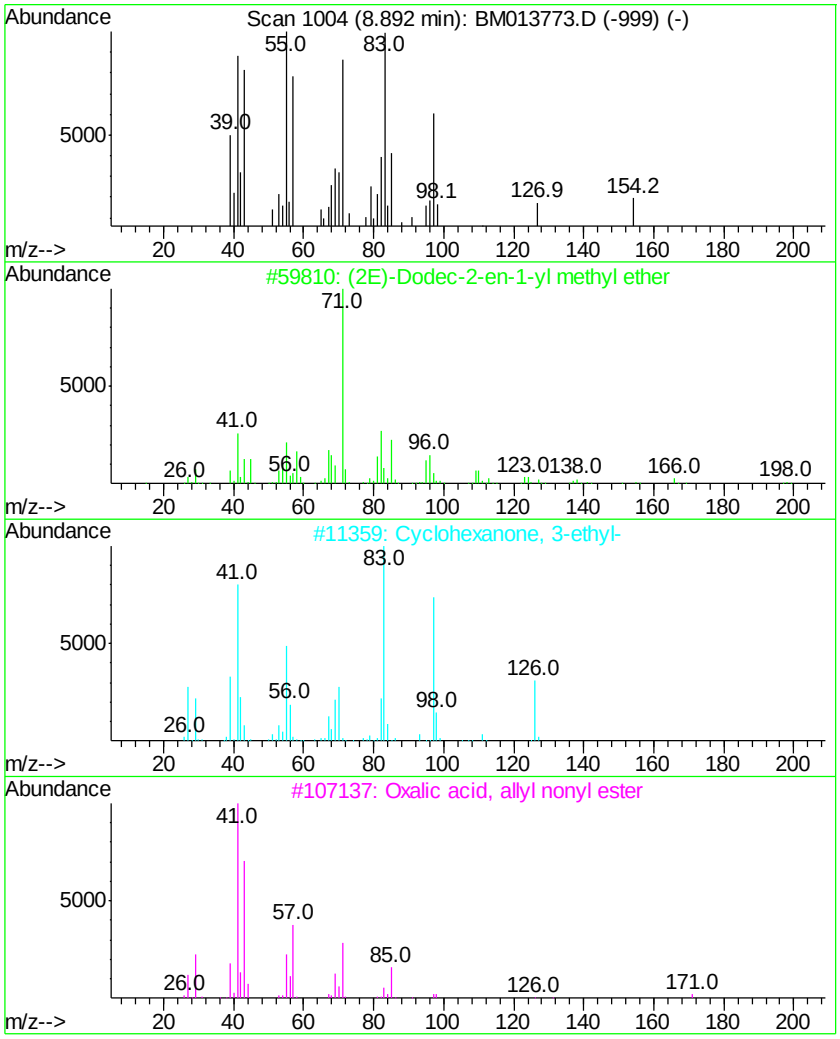
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

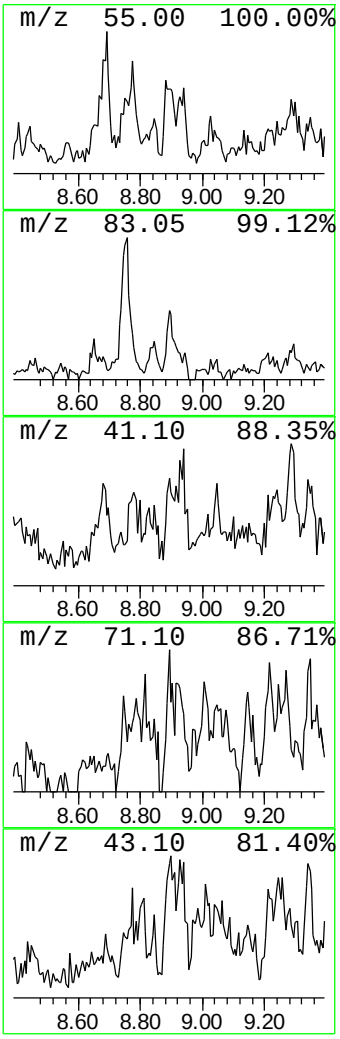
****

Peak Number 2 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	2.06 ng/ul	82362	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2E)-Dodec-2-en-1-yl methyl ether	198	C13H26O	1000334-06-3	35
2	Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	27
3	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	27
4	2-Bromononane	206	C9H19Br	002216-35-5	22
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	22





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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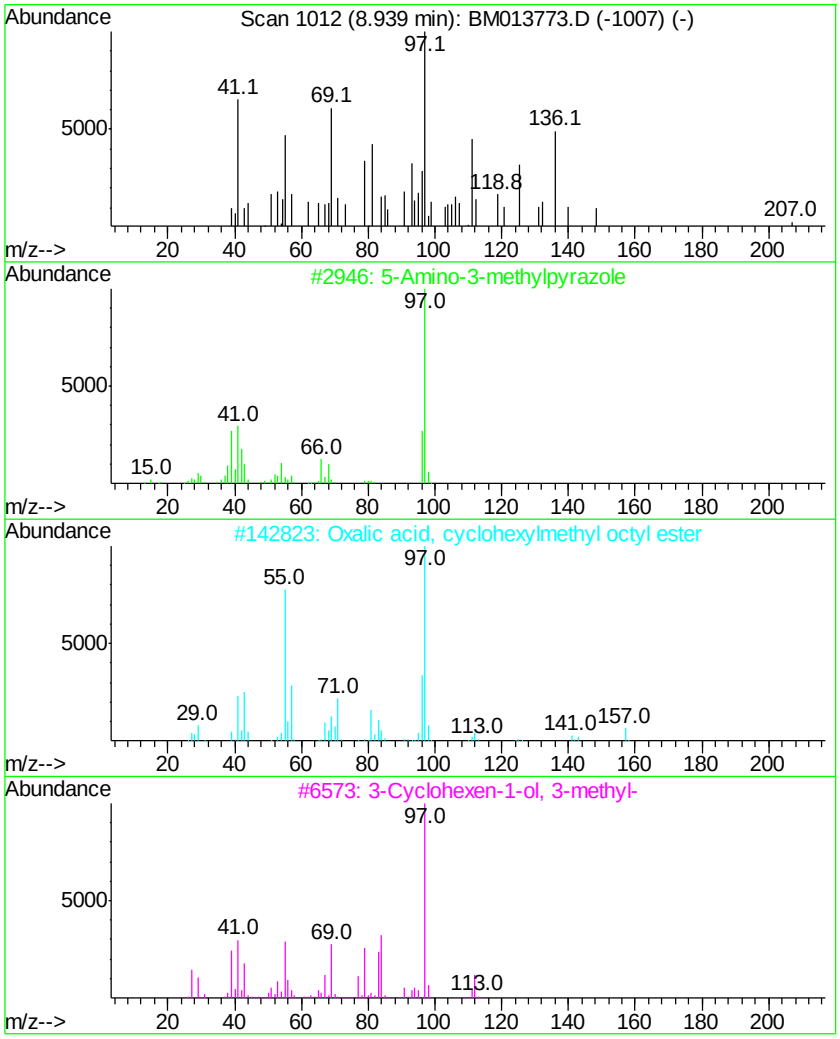
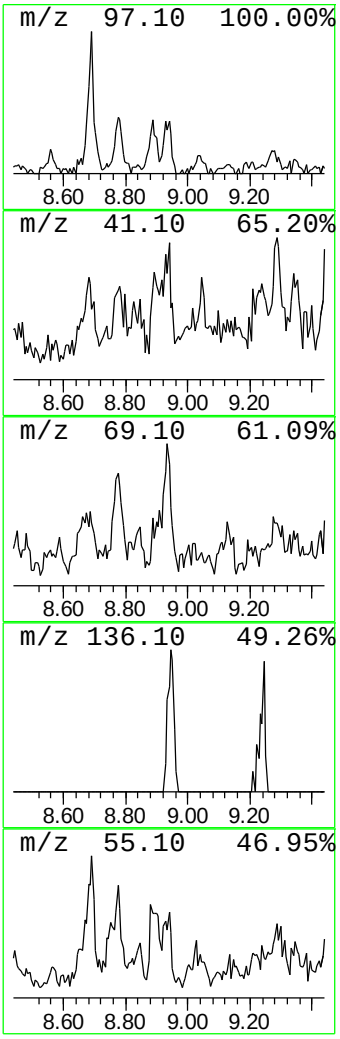
Peak Number 3 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	2.93 ng/ul	117156	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	25
2	Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	22
3	3-Cyclohexen-1-ol, 3-methyl-	112	C7H12O	053783-91-8	14
4	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	14
5	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	12





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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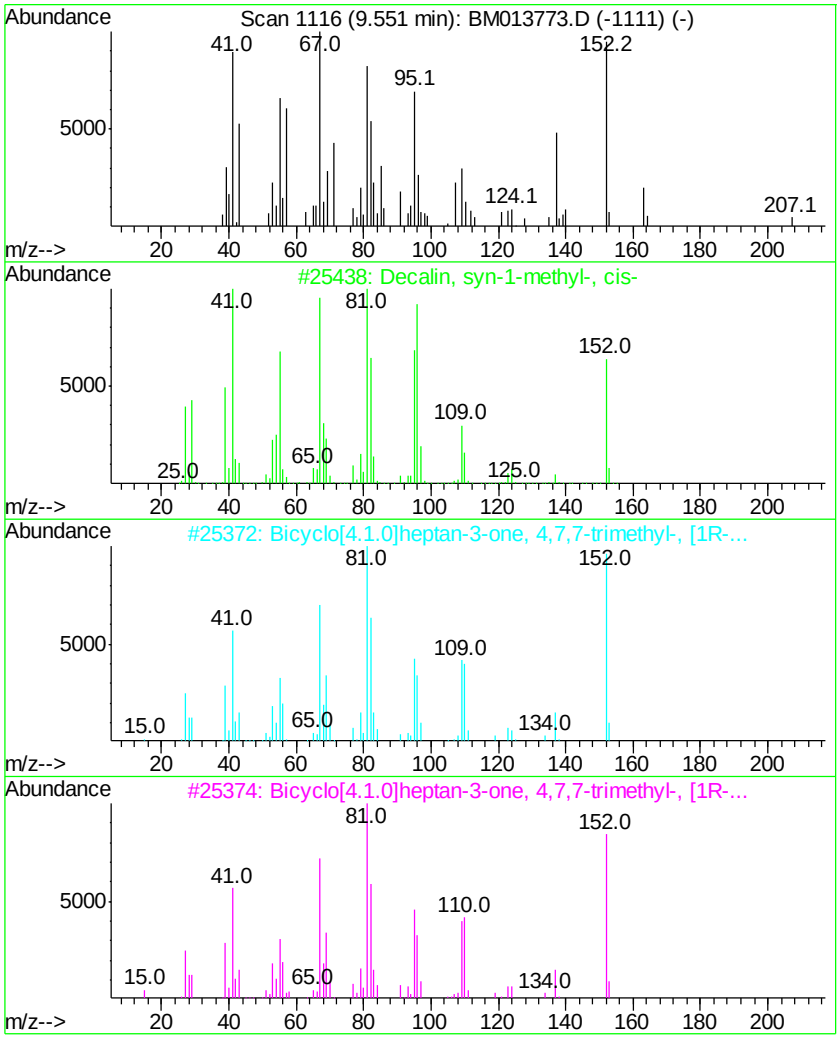
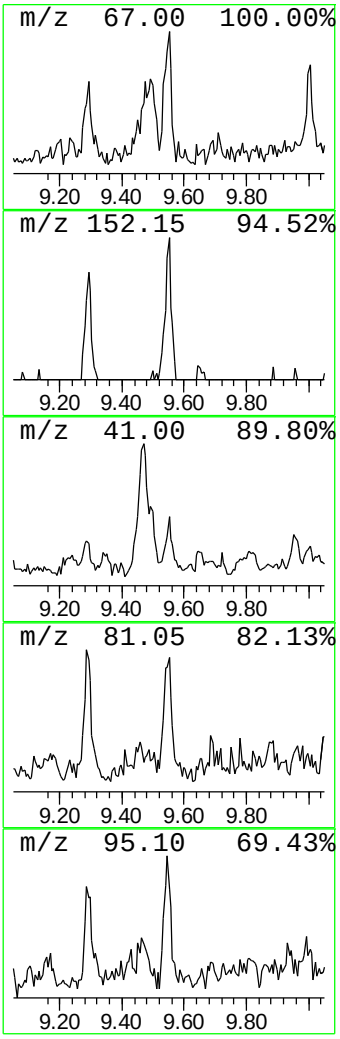
Peak Number 4 Decalin, syn-1-methyl-, cis- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	2.92 ng/ul	187445	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	70
2	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	64
3	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	64
4	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	62
5	Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	52





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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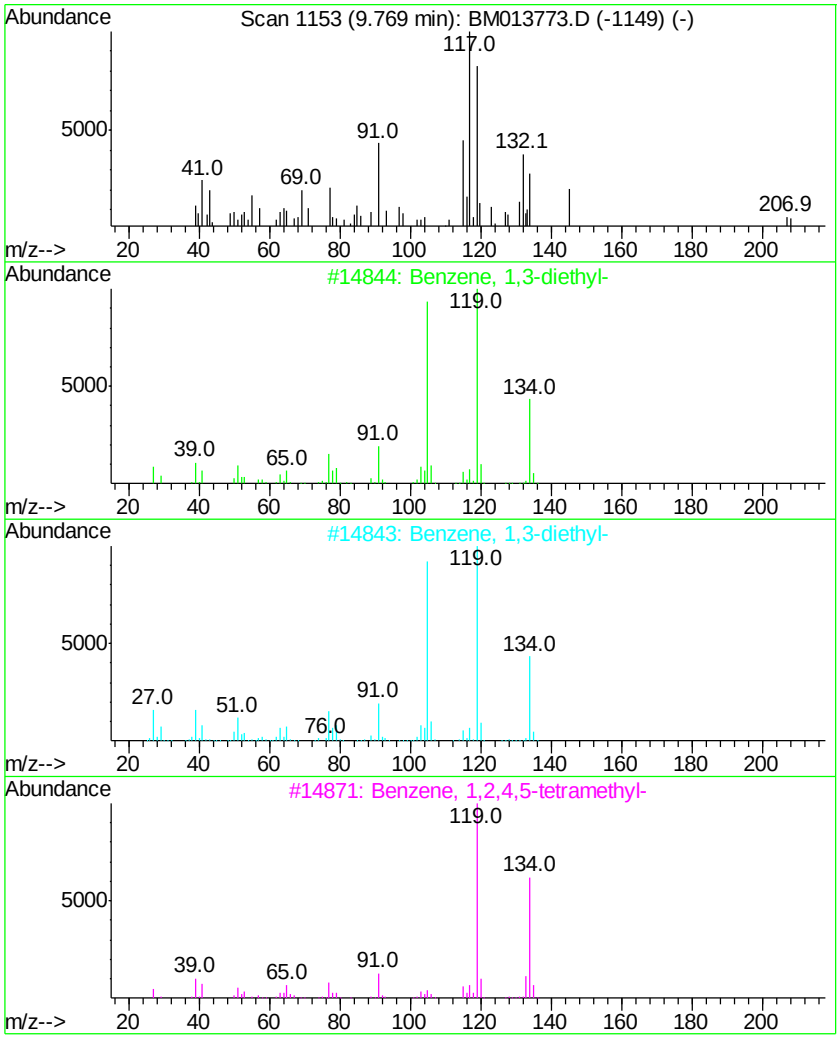
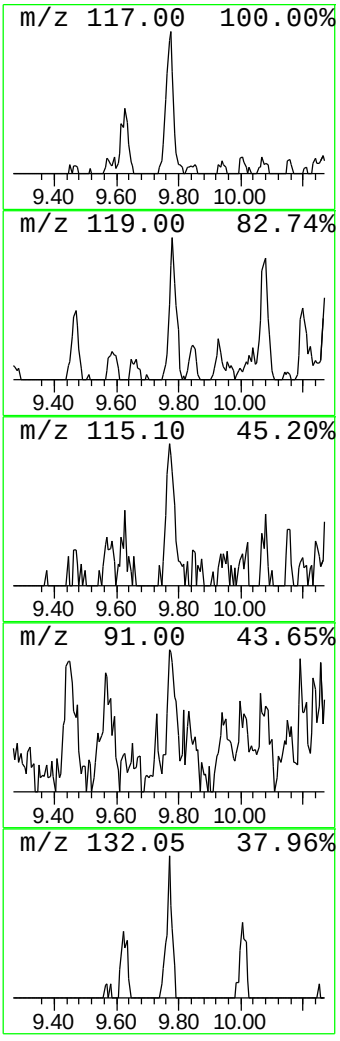
Peak Number 5 unknown-04 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.02 ng/ul	129893	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	41
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	41
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	38
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	38





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Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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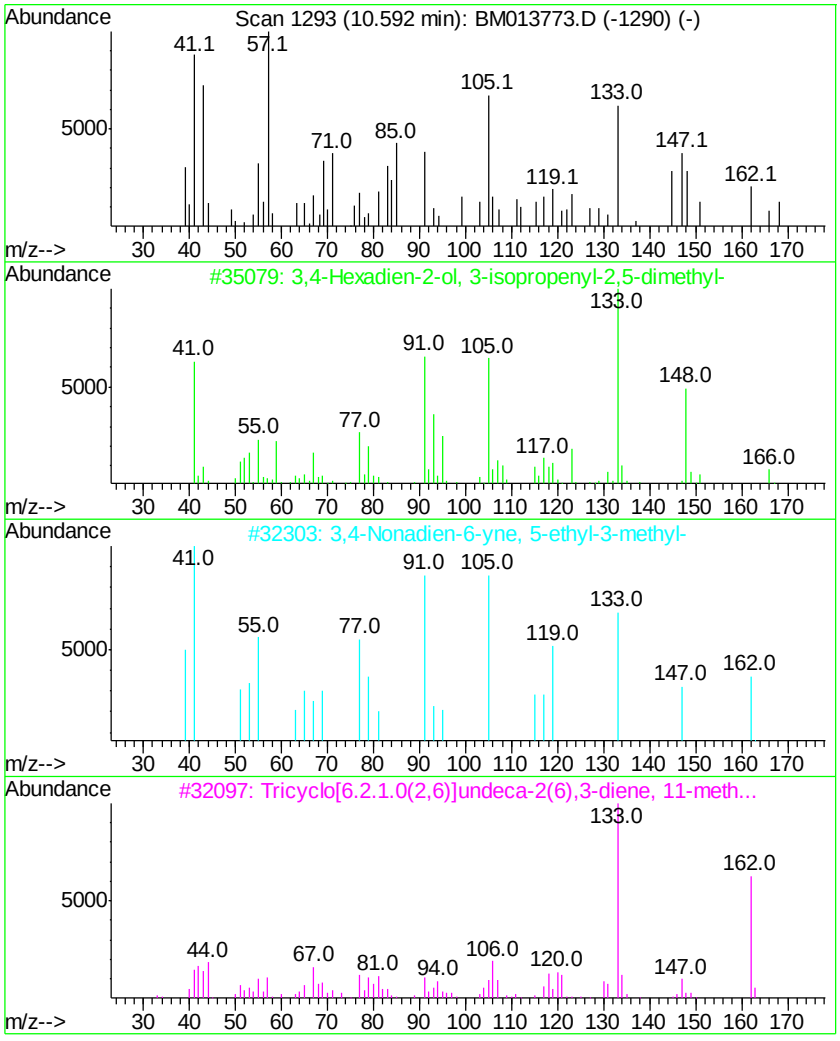
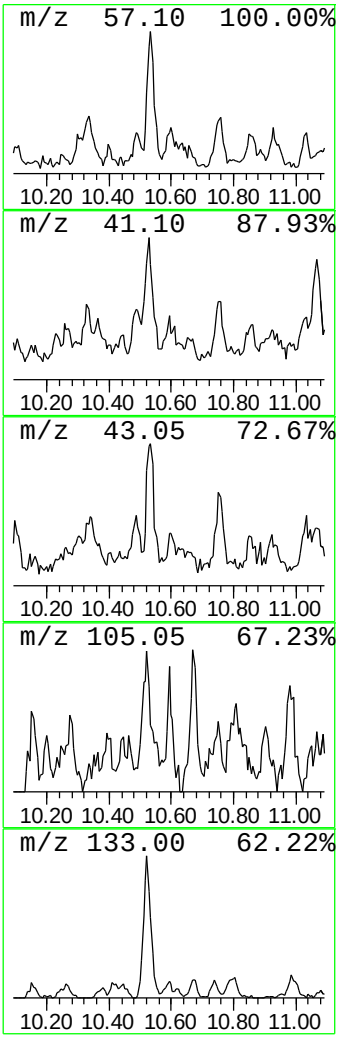
Peak Number 6 unknown-05 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.01 ng/ul	128892	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Hexadien-2-ol, 3-isopropenyl...	166	C11H18O	015448-75-6	18
2	3,4-Nonadien-6-yne, 5-ethyl-3-me...	162	C12H18	061227-88-1	14
3	Tricyclo[6.2.1.0(2,6)]undeca-2(6...	162	C10H14N2	1000302-79-4	14
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	10
5	Pentadecane	212	C15H32	000629-62-9	10





Library Search Compound Report

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Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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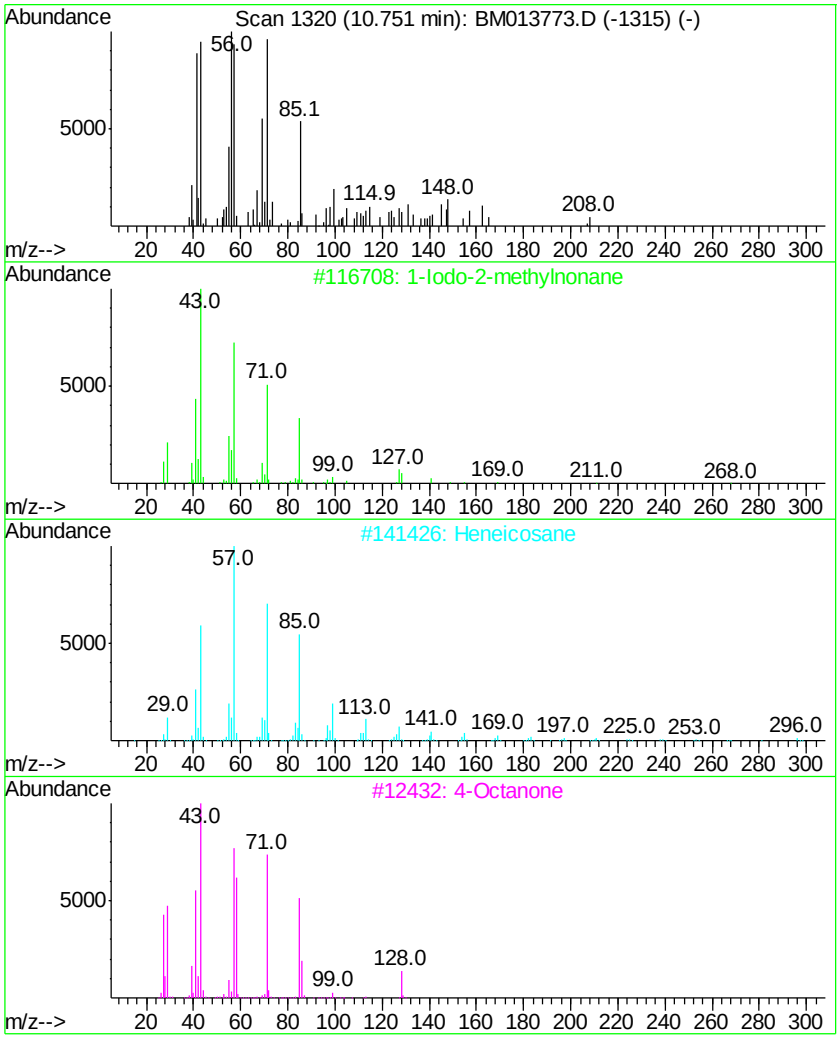
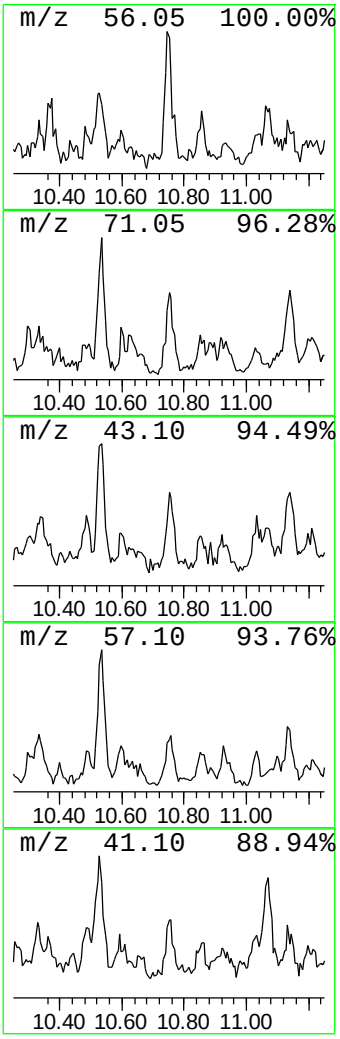
Peak Number 7 unknown-06 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.31 ng/ul	148190	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	46
2	Heneicosane	296	C21H44	000629-94-7	43
3	4-Octanone	128	C8H16O	000589-63-9	35
4	Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	35
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	27





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Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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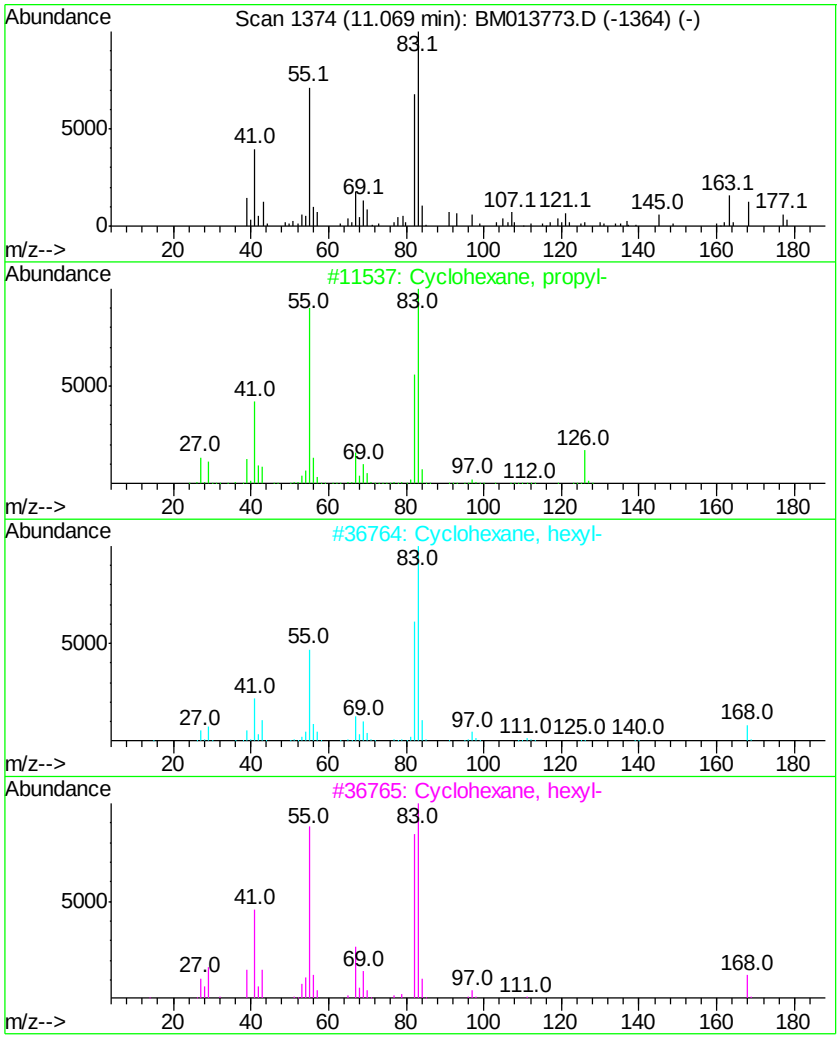
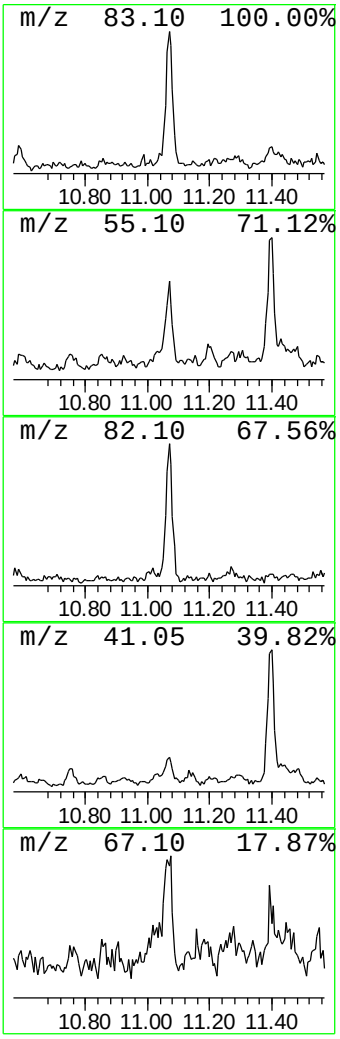
Peak Number 8 (DEL) Alkane: Cyclic11.07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	6.10 ng/ul	391463	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	74
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	74
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	74
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	64





Library Search Compound Report

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Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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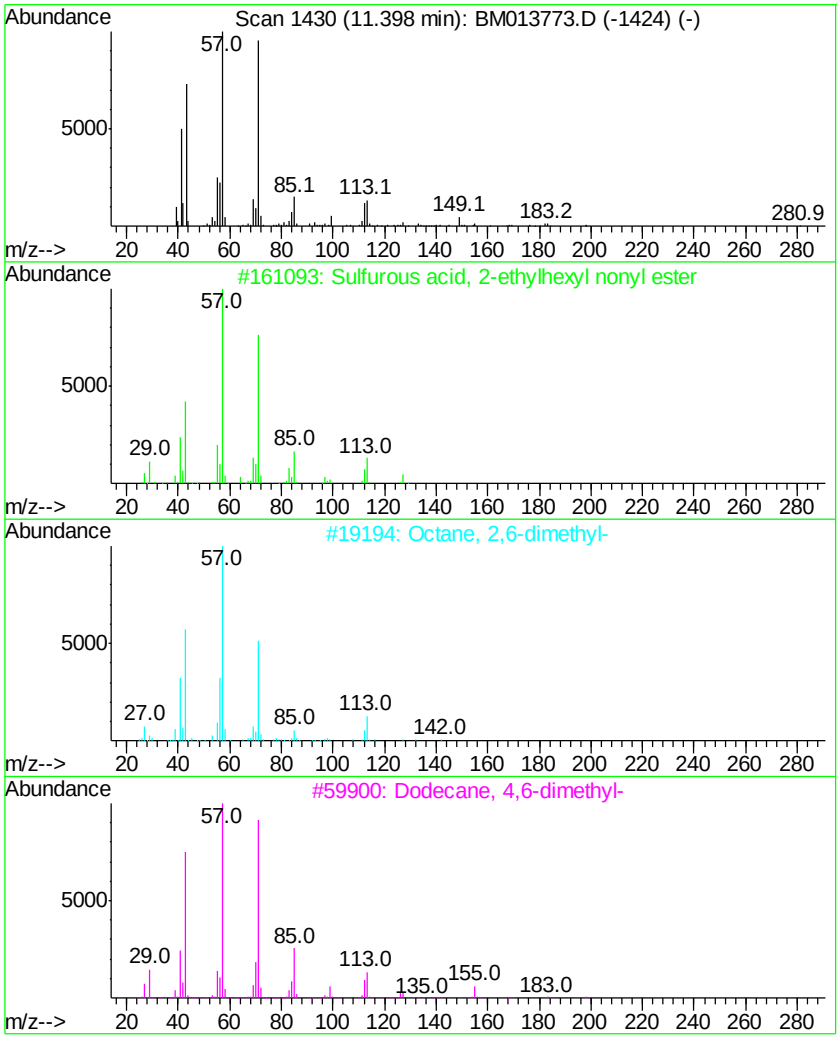
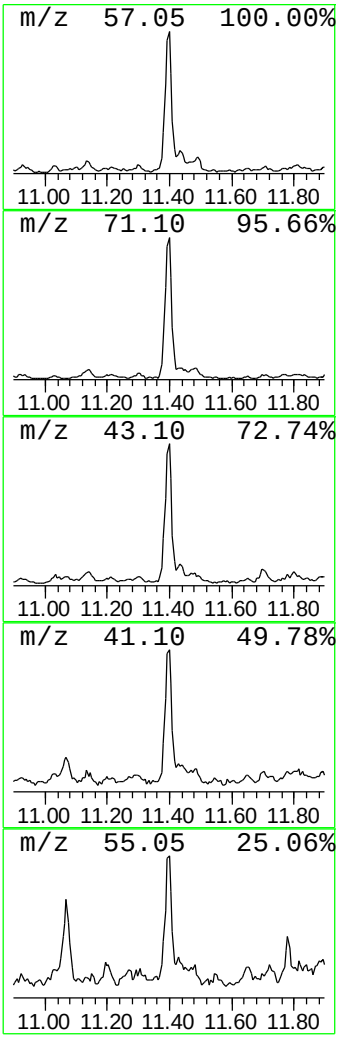
Peak Number 9 Sulfurous acid, 2-ethylhexy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	16.70 ng/ul	1071920	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68
4	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	68
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	53





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Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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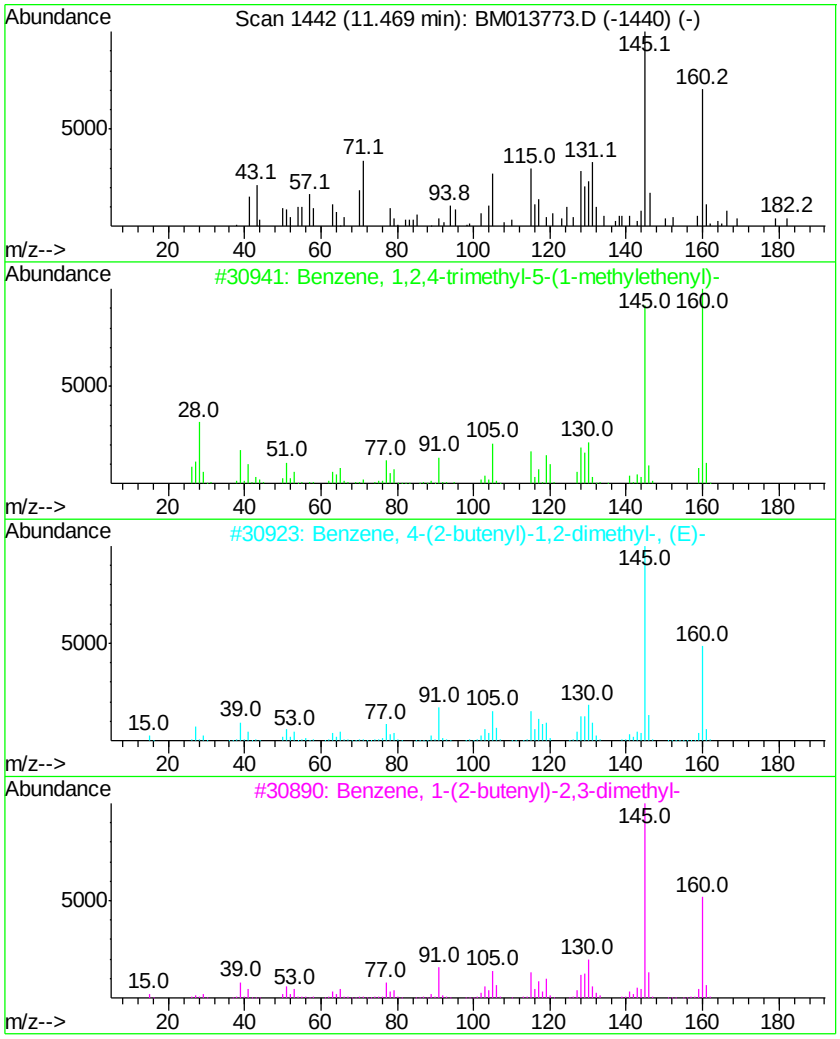
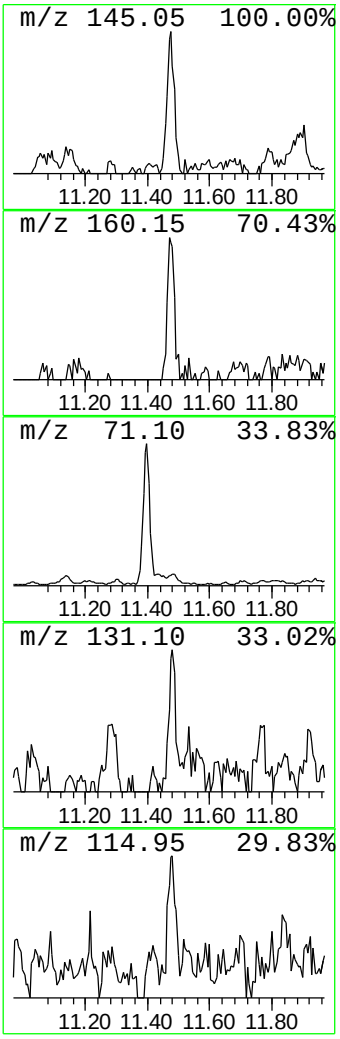
Peak Number 10 Benzene, 1,2,4-trimethyl-5-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	3.44 ng/ul	220552	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	87
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	74
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	68
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	68
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	68





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Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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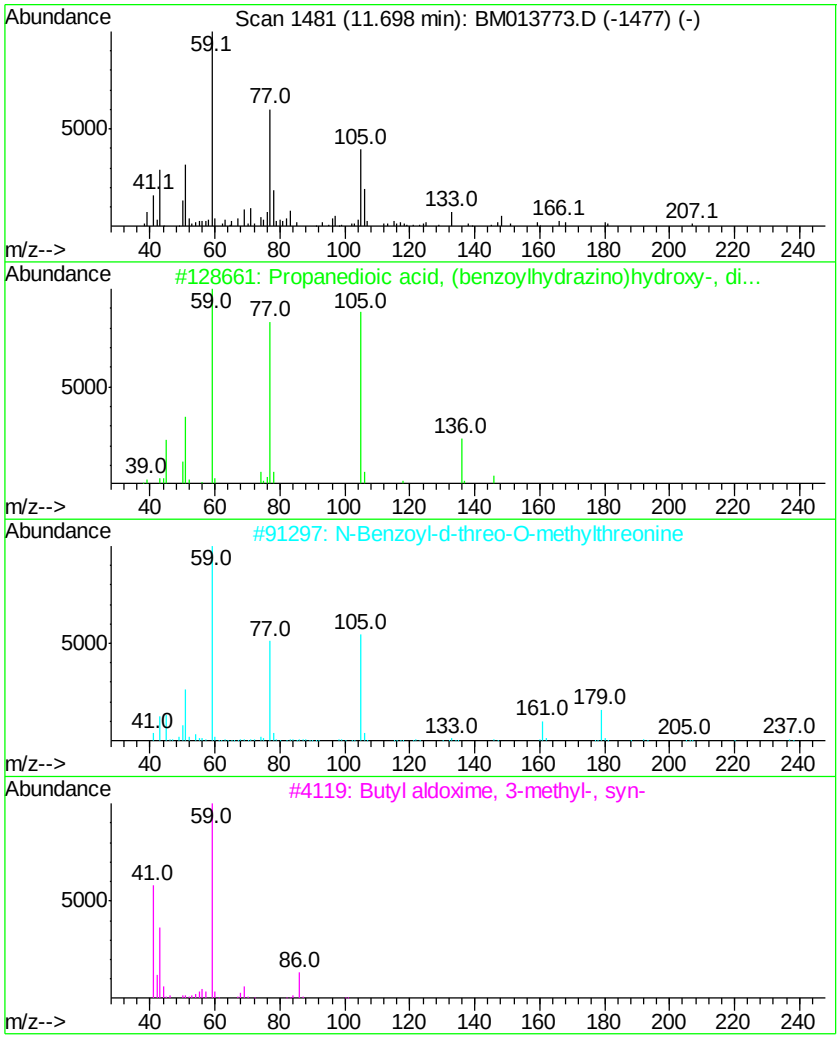
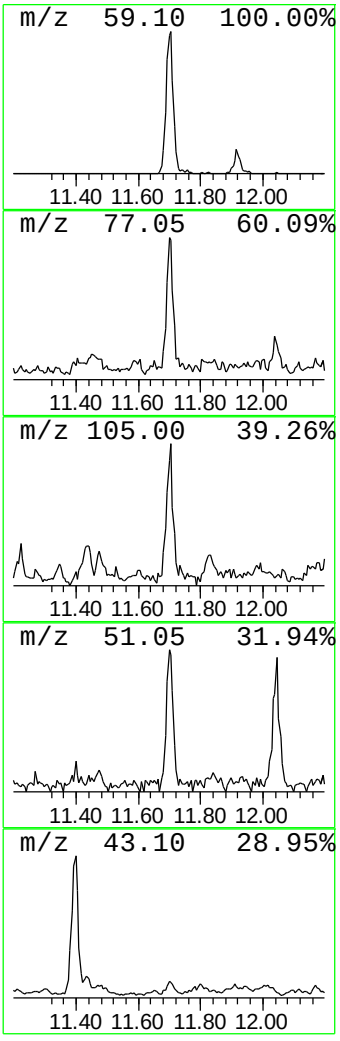
Peak Number 11 Propanedioic acid, (benzoyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	3.61 ng/ul	231863	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	59
2	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	45
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	27
4	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	27
5	tert-Butyl-[2-[2-(2-methoxyethox...	278	C13H30O4Si	1000352-09-5	25





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Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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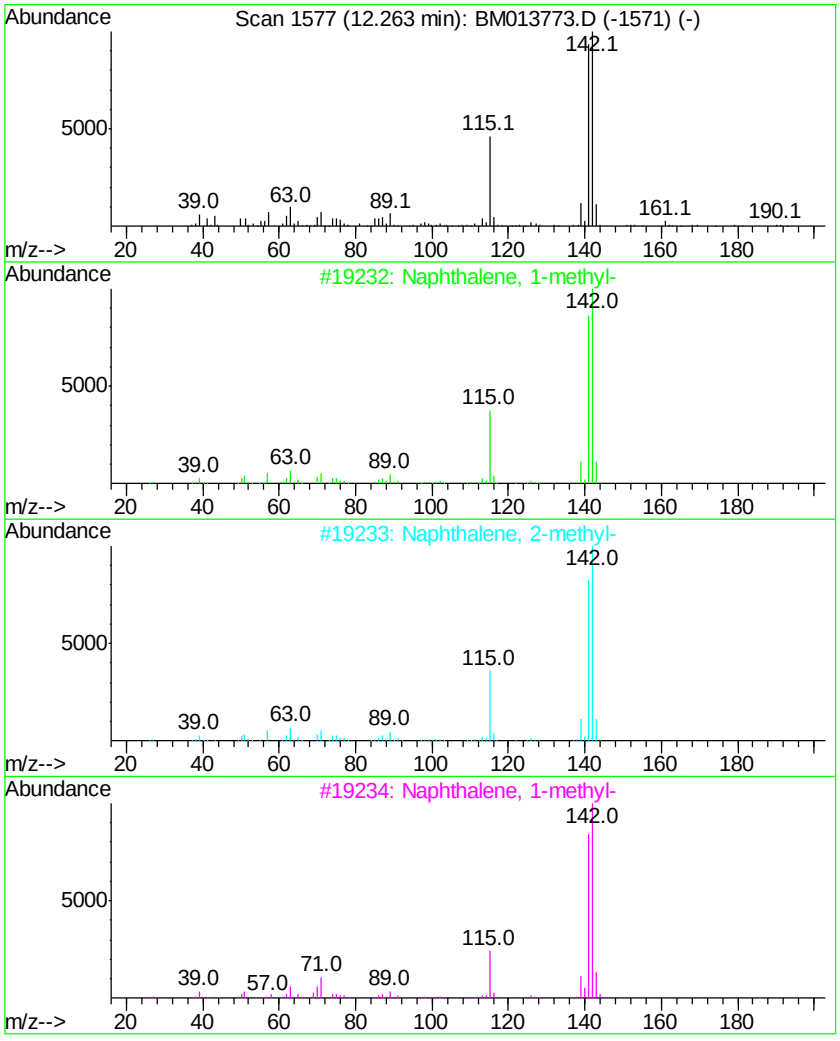
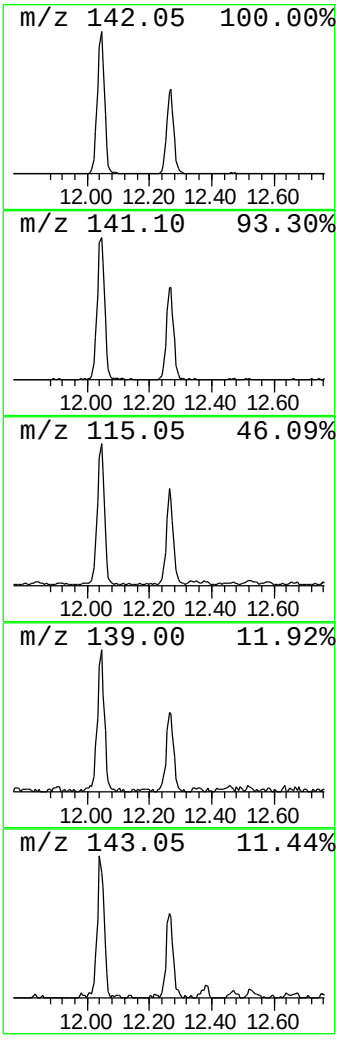
Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	12.82 ng/ul	823272	Naphthalene-d8	10.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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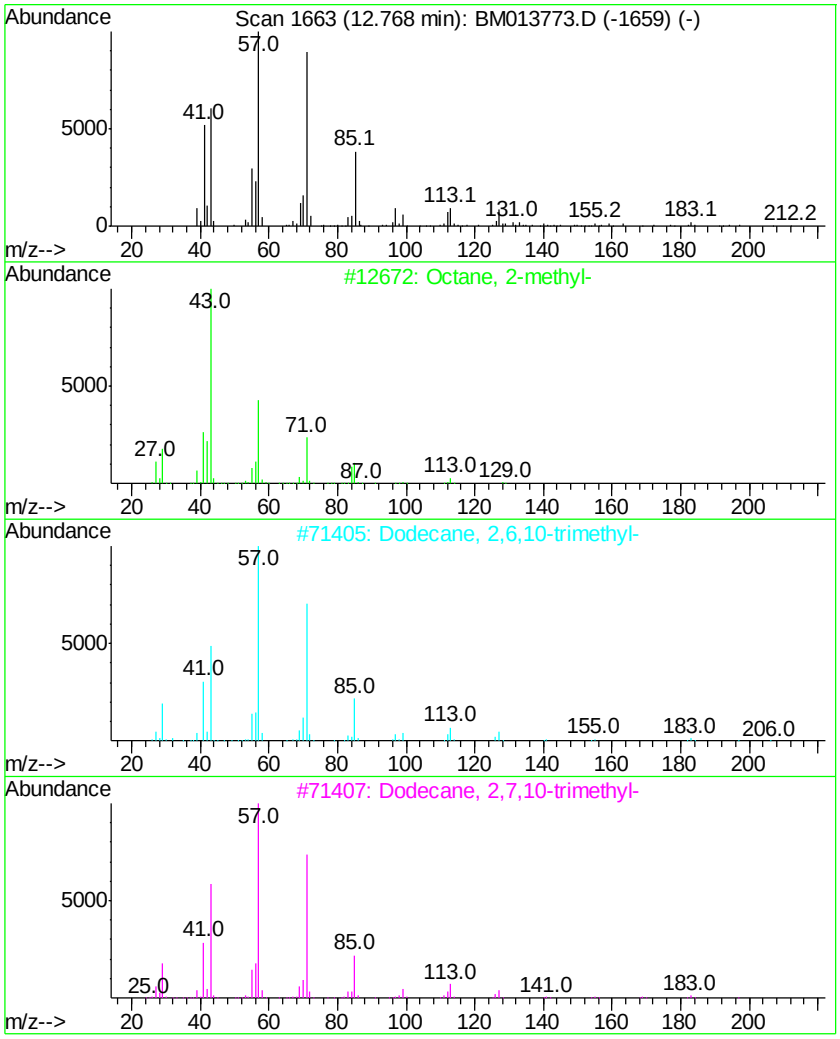
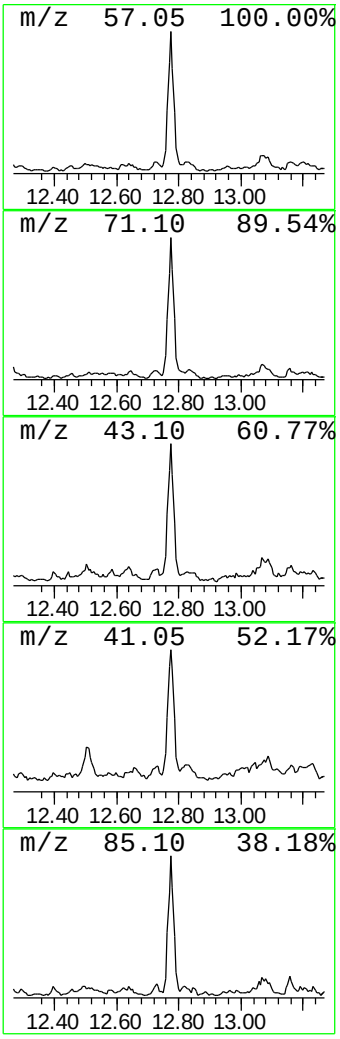
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	6.50 ng/ul	1077670	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	87
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	80
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





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Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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Quant Title : SVOA CALIBRATION

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

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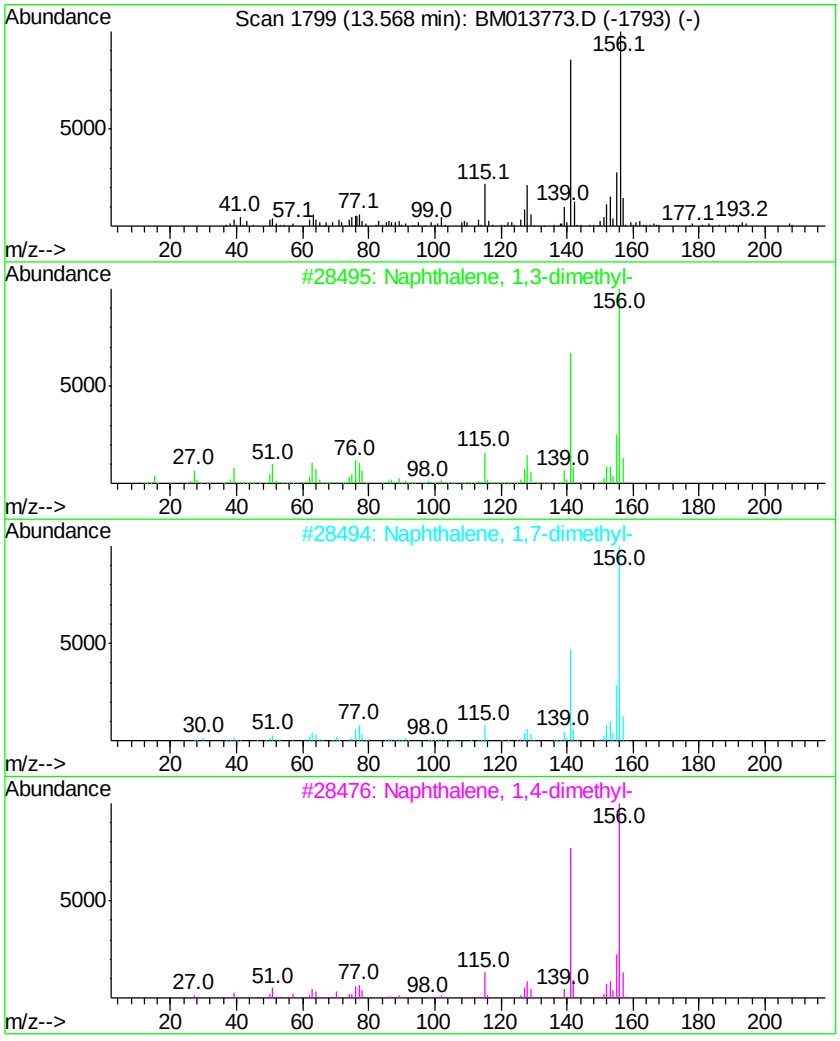
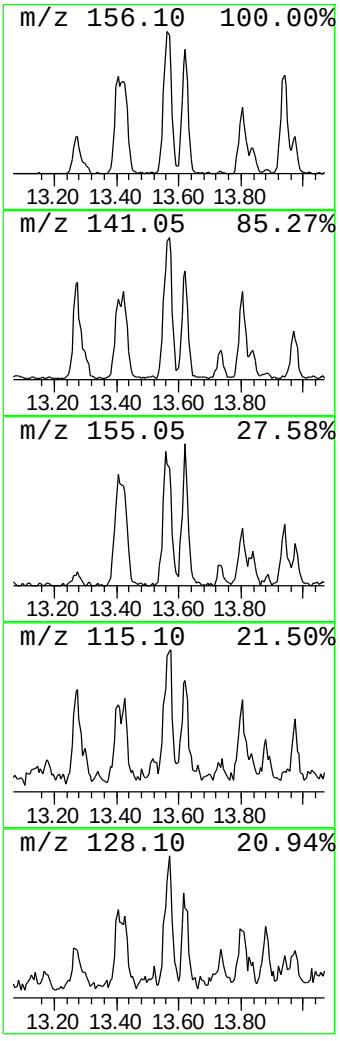
Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	3.40 ng/ul	563000	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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Quant Title : SVOA CALIBRATION

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

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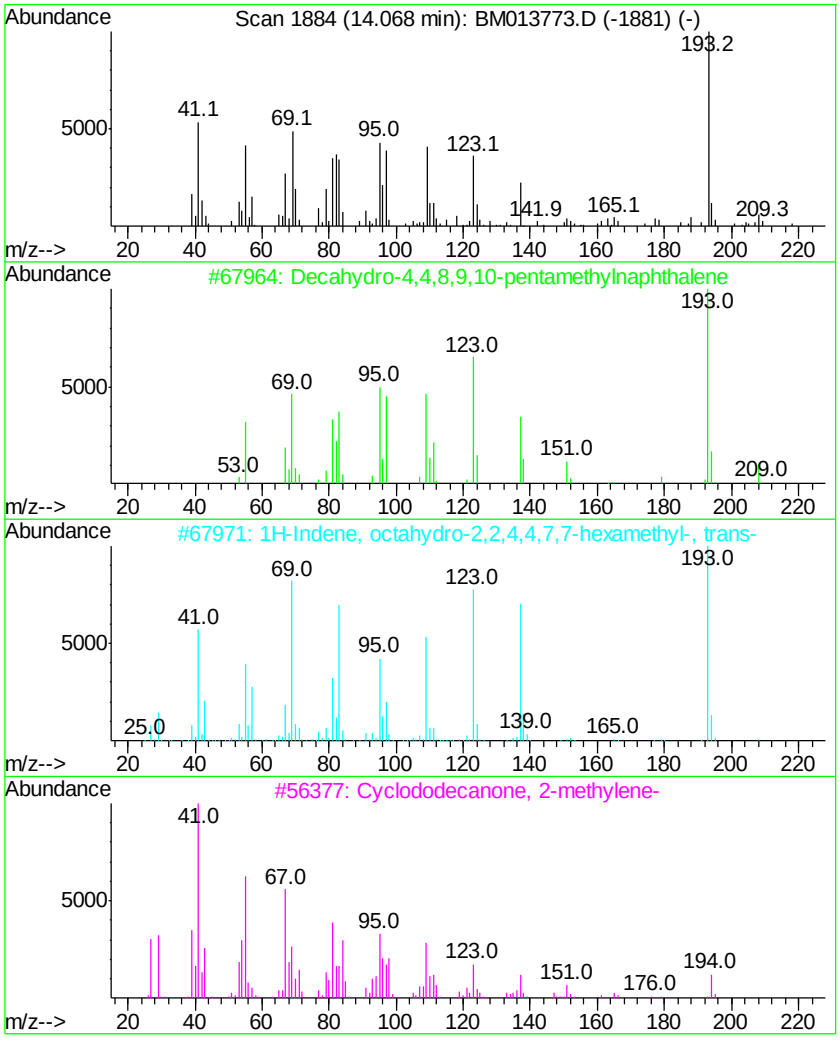
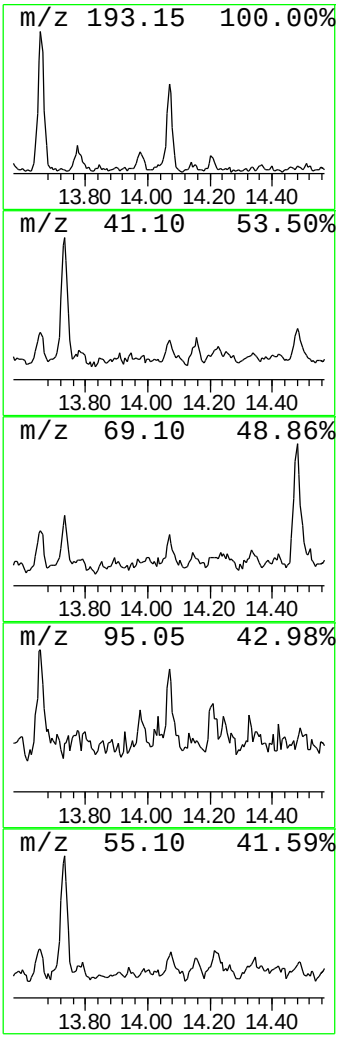
Peak Number 15 unknown-07 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.11 ng/ul	350137	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	32
3	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	27
4	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	25
5	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	25





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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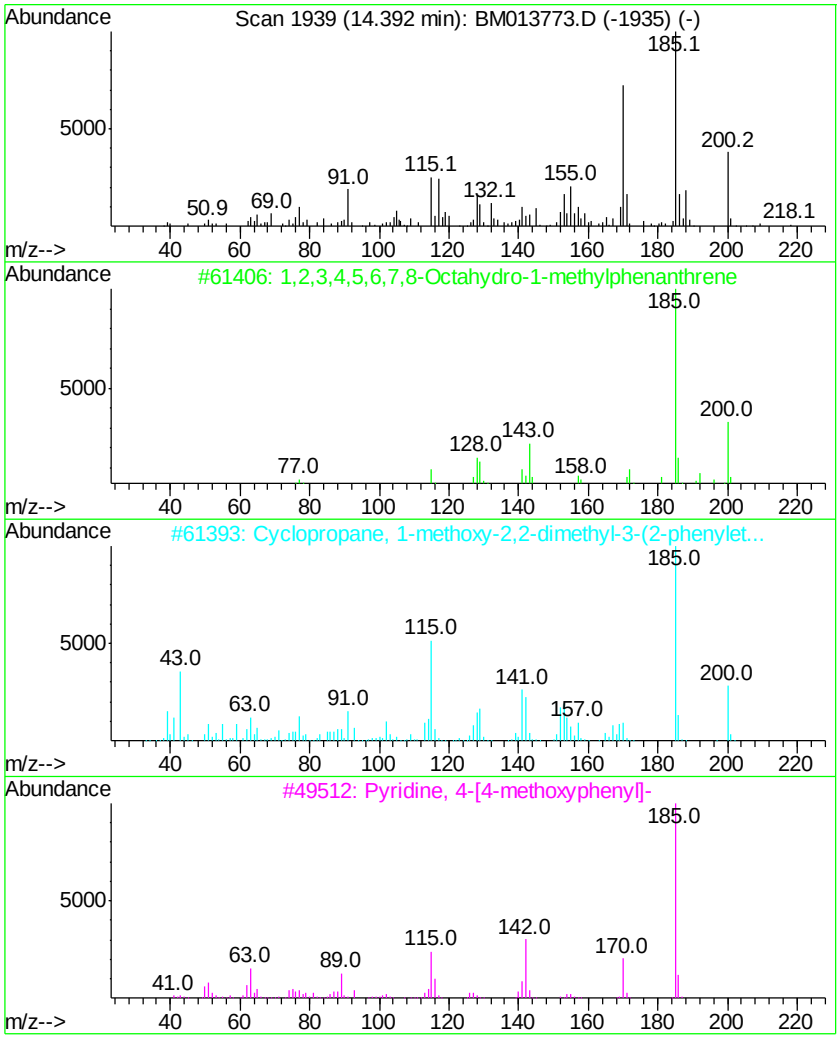
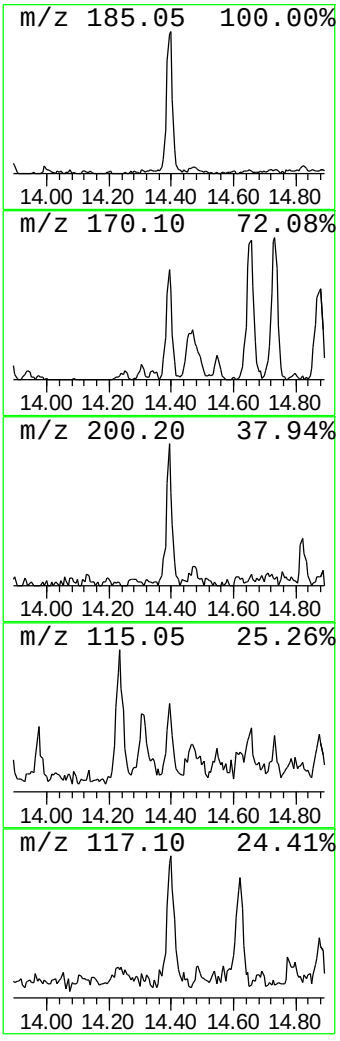
Peak Number 16 unknown-08 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	2.49 ng/ul	412284	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	49
2	Cyclopropane, 1-methoxy-2,2-dime...	200	C14H16O	1000271-83-0	46
3	Pyridine, 4-[4-methoxyphenyl]-	185	C12H11NO	005938-16-9	38
4	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200	C13H16N2	1000261-34-8	38
5	1,3-Benzodioxole-5,6-dicarbonitr...	200	C11H8N2O2	114414-26-5	38





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ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId : F6A99

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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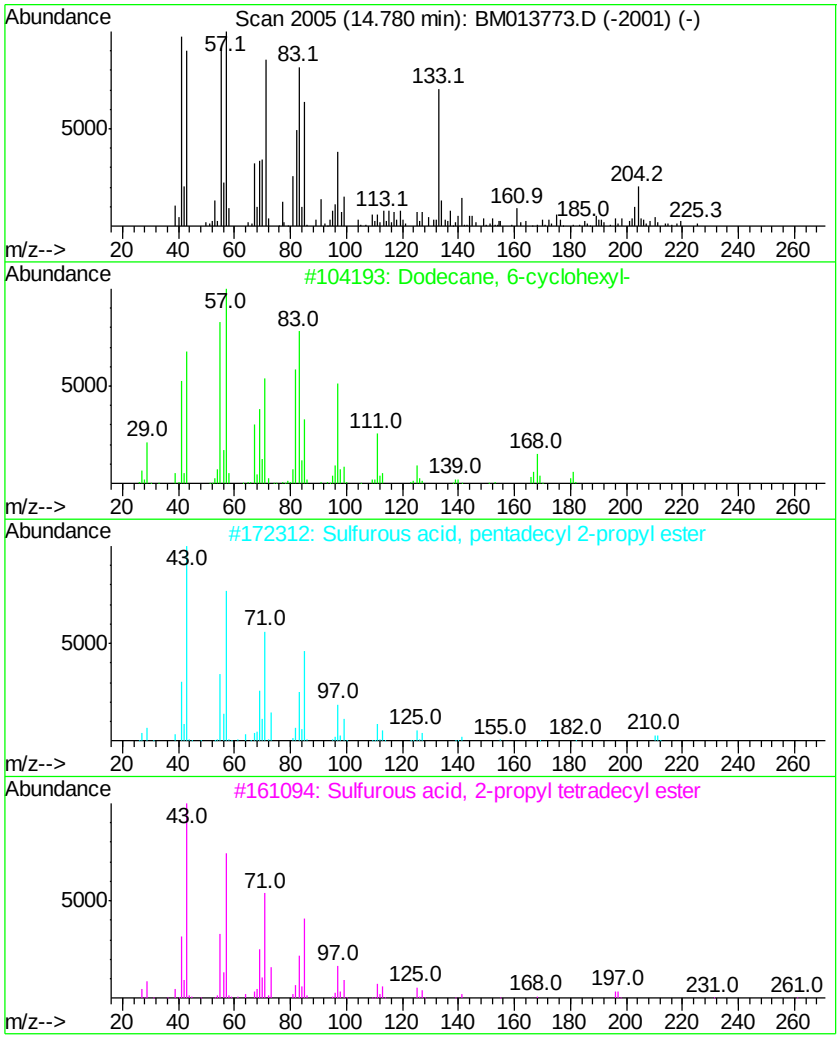
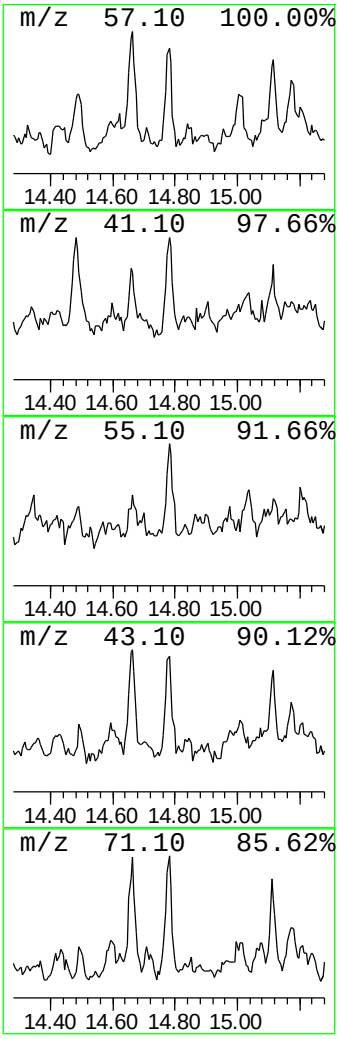
Peak Number 17 (DEL) Alkane: Cyclic14.78 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	2.60 ng/ul	430190	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	46
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	38
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	38
4	Tetradecane	198	C14H30	000629-59-4	38
5	Tetradecane	198	C14H30	000629-59-4	35





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Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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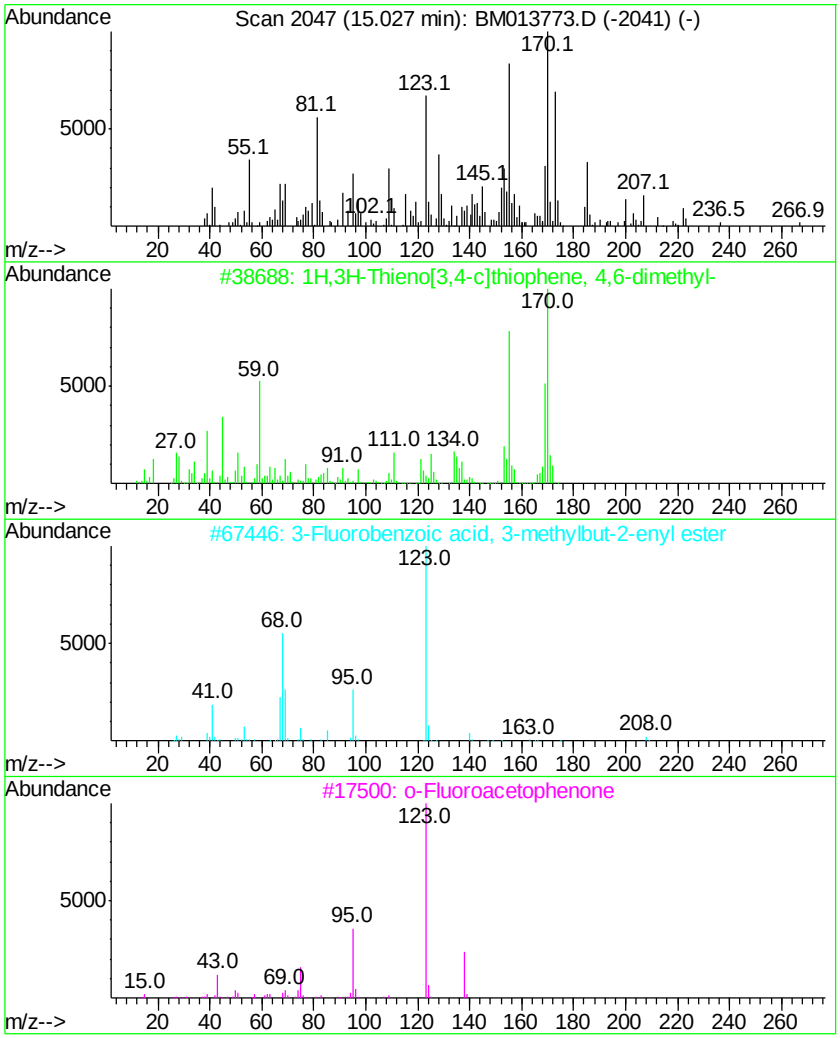
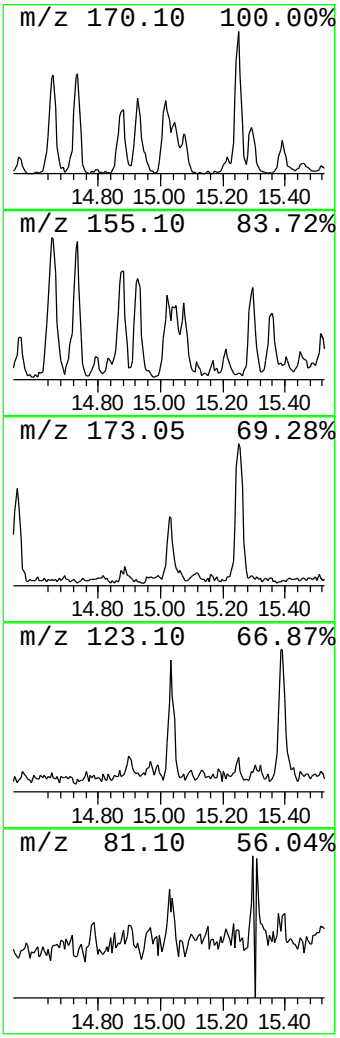
Peak Number 18 unknown-09 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	3.21 ng/ul	532162	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	38
2	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	30
3	o-Fluoroacetophenone	138	C8H7FO	000445-27-2	25
4	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	22
5	Diallyldivinylsilane	164	C10H16Si	119901-88-1	22





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Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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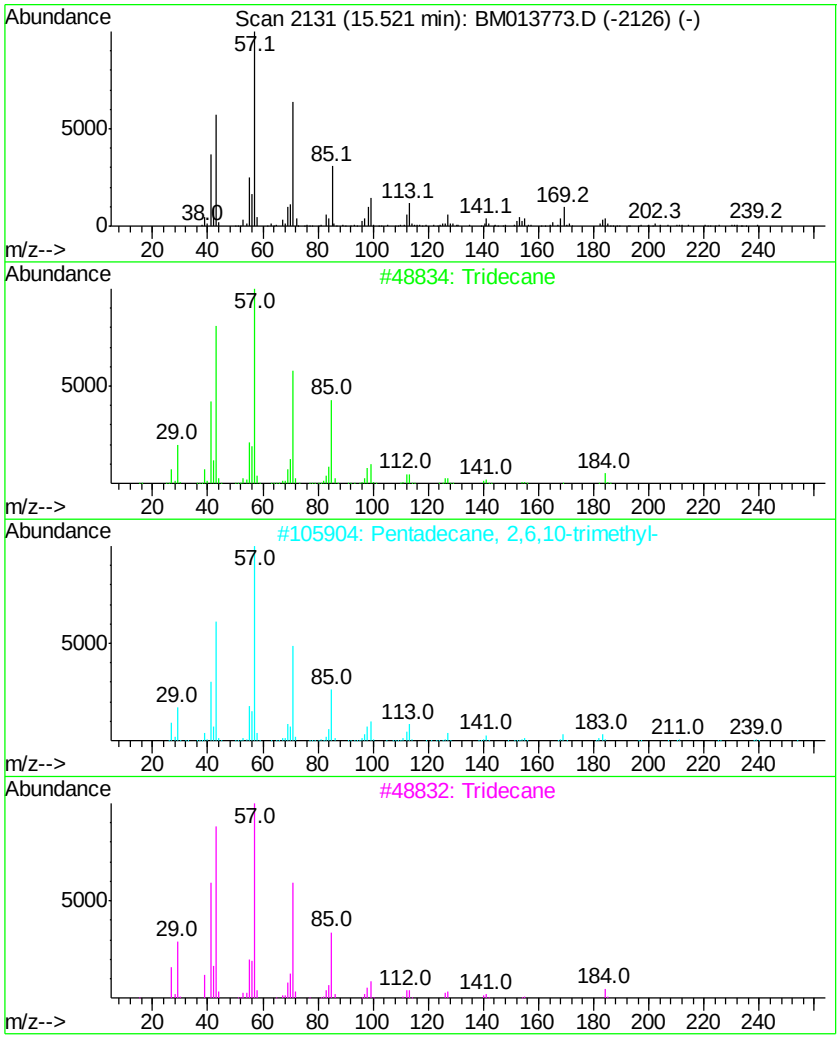
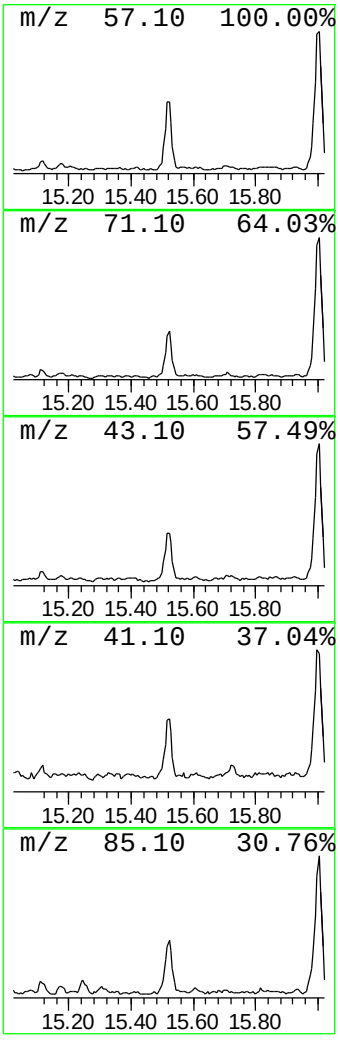
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	6.02 ng/ul	997206	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3	Tridecane	184	C13H28	000629-50-5	72
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	70
5	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	68





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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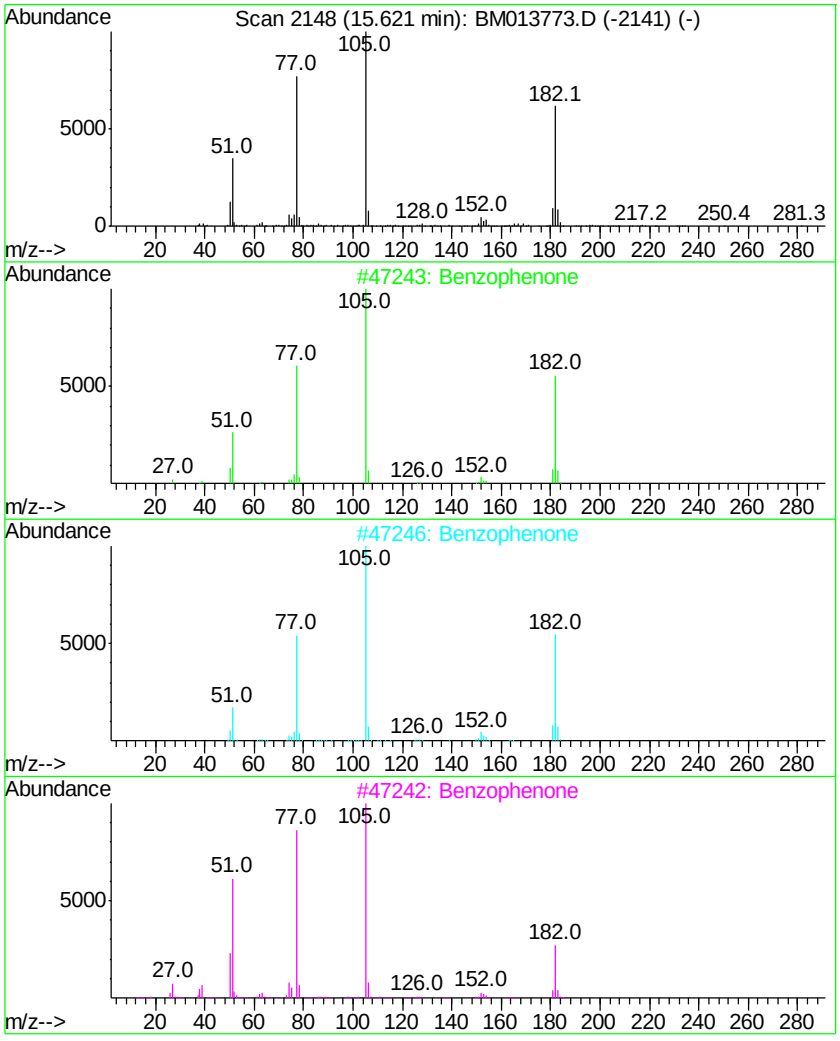
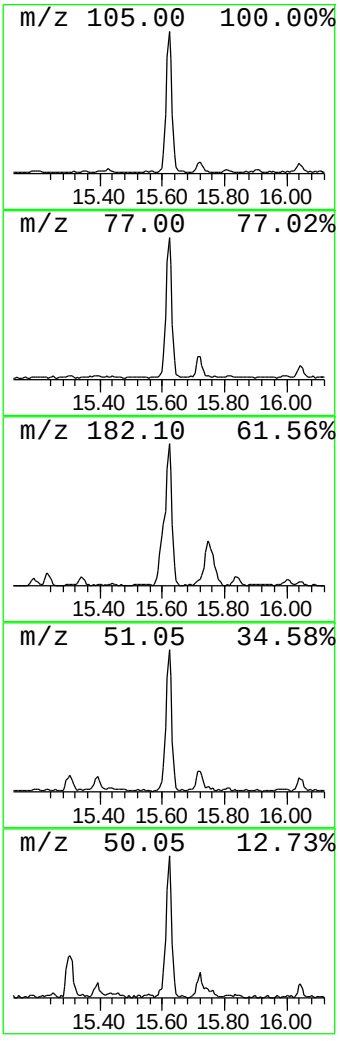
Peak Number 20 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	11.72 ng/ul	1942480	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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Quant Title : SVOA CALIBRATION

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

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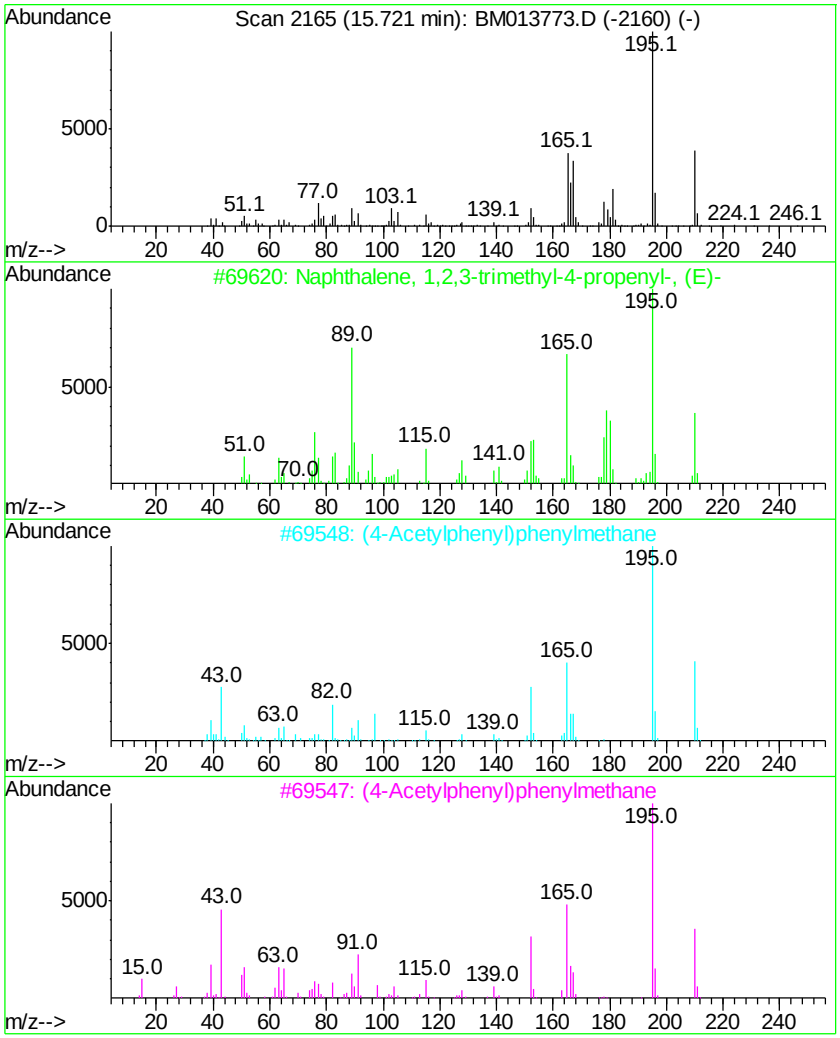
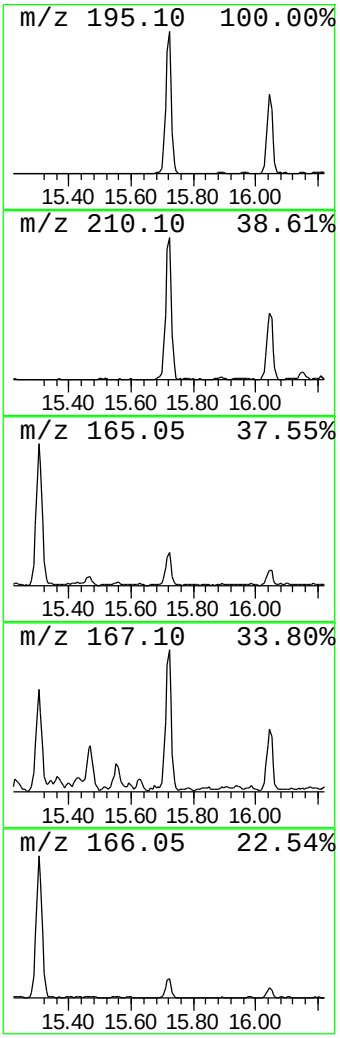
Peak Number 21 Naphthalene, 1,2,3-trimethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	19.51 ng/ul	1830600	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	76
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	64
3	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	62
4	2',3',4',5',6'-Pentafluoroacetop...	210	C8H3F5O	000652-29-9	50
5	1-(4-Ethylpiperazin-1-yl)-2,2,2-...	210	C8H13F3N2O	1000373-19-2	47





Library Search Compound Report

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ClientSampleId : F6A99

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Quant Title : SVOA CALIBRATION

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

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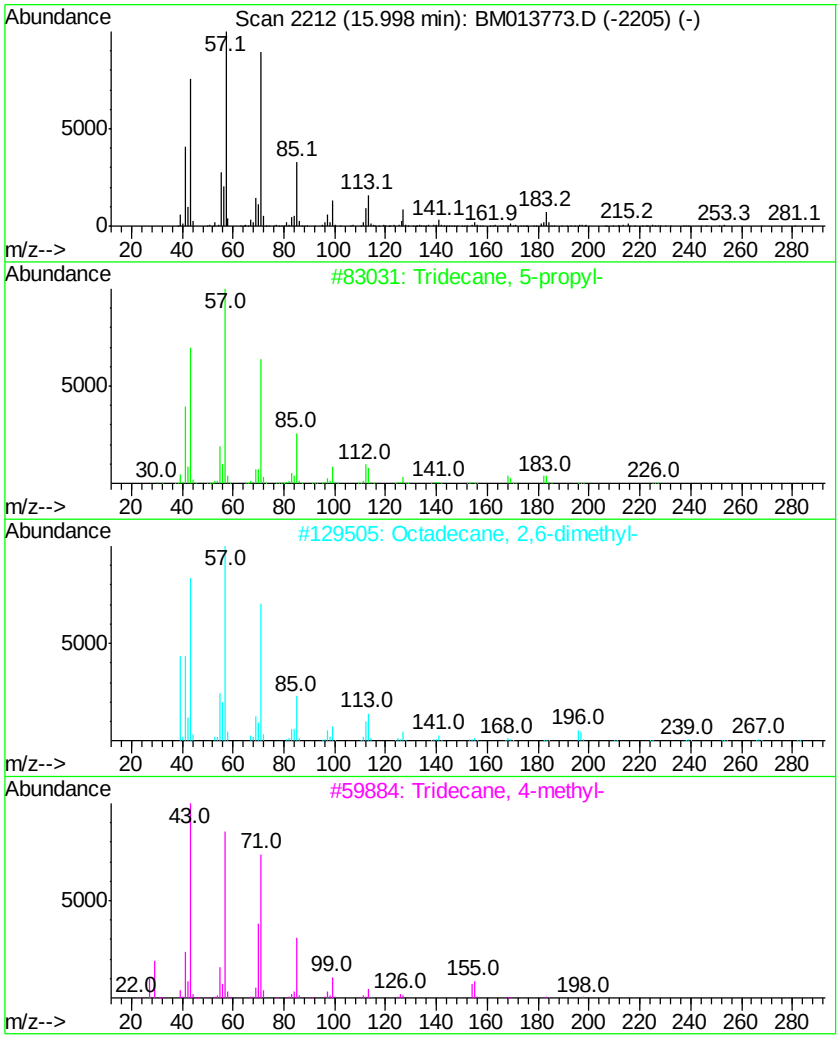
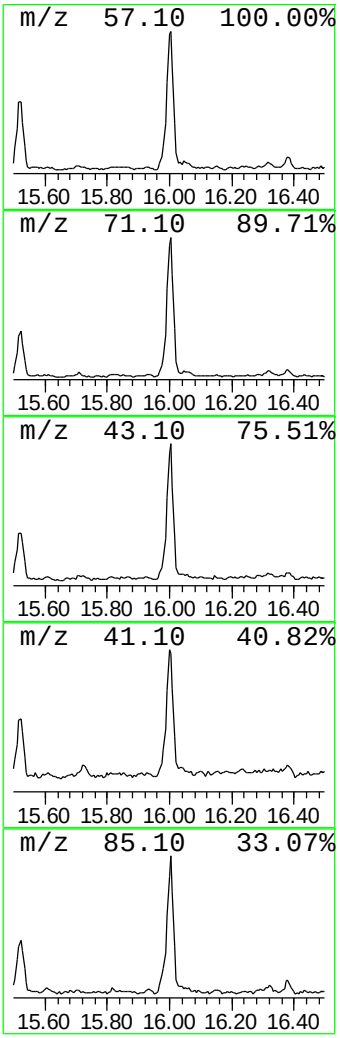
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	30.41 ng/ul	2853450	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	68





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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Quant Title : SVOA CALIBRATION

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

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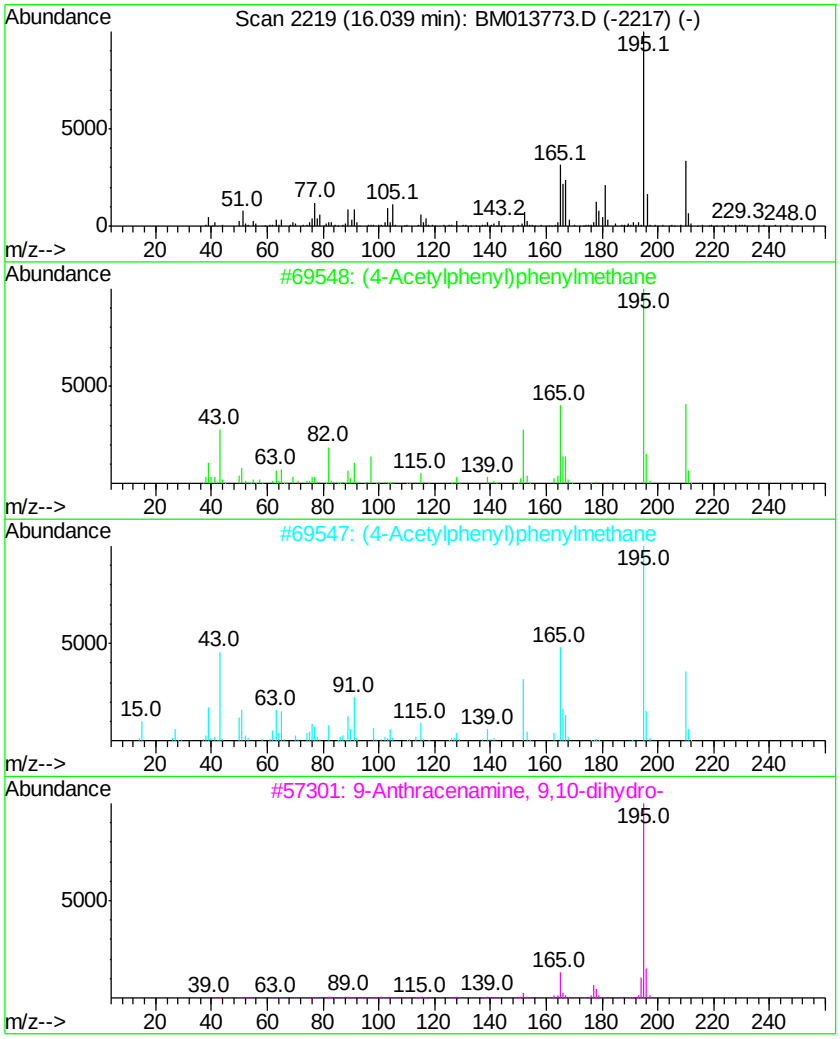
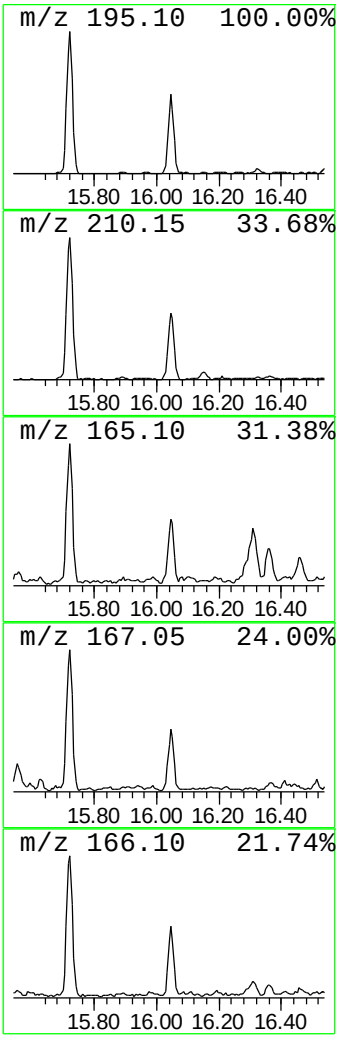
Peak Number 23 (4-Acetylphenyl)phenylmethane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	10.20 ng/ul	956582	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	58
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	52
3	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	47
4	2,4,6-Trimethoxyacetophenone	210	C11H14O4	000832-58-6	46
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	46





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Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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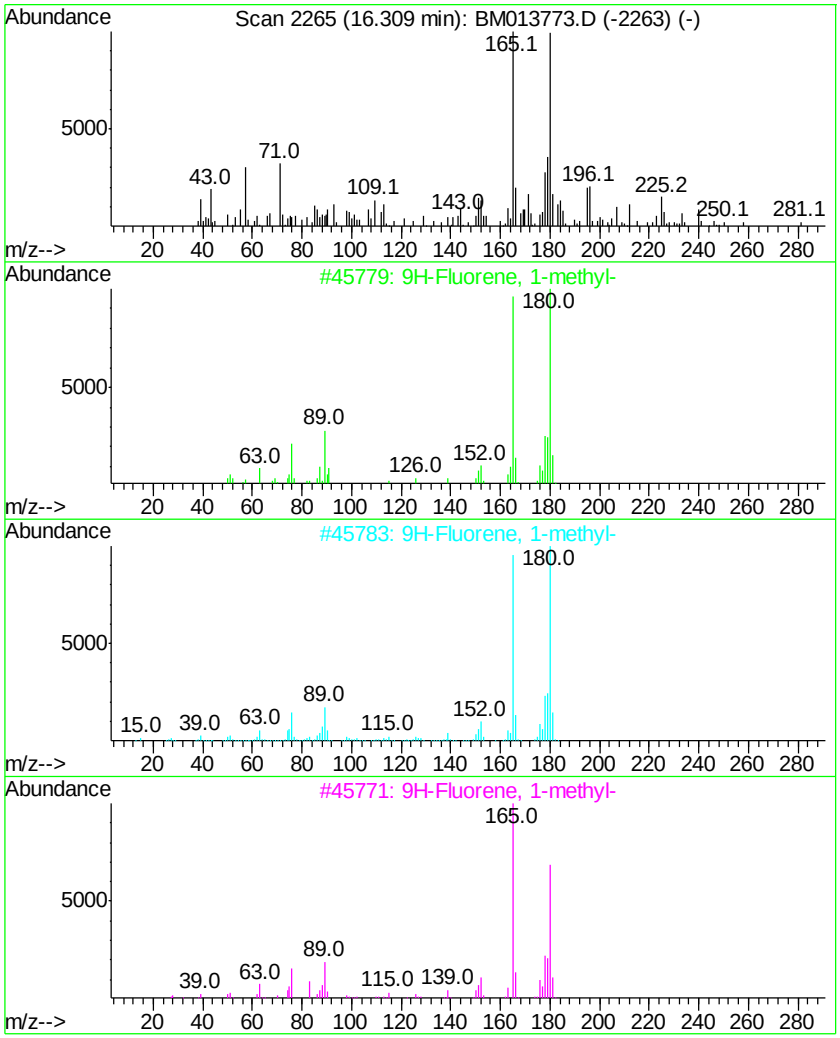
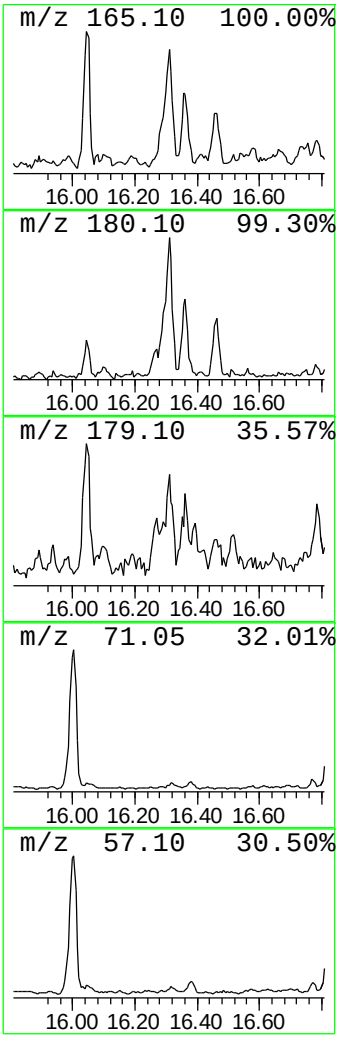
Peak Number 24 9H-Fluorene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	2.56 ng/ul	239794	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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Quant Title : SVOA CALIBRATION

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

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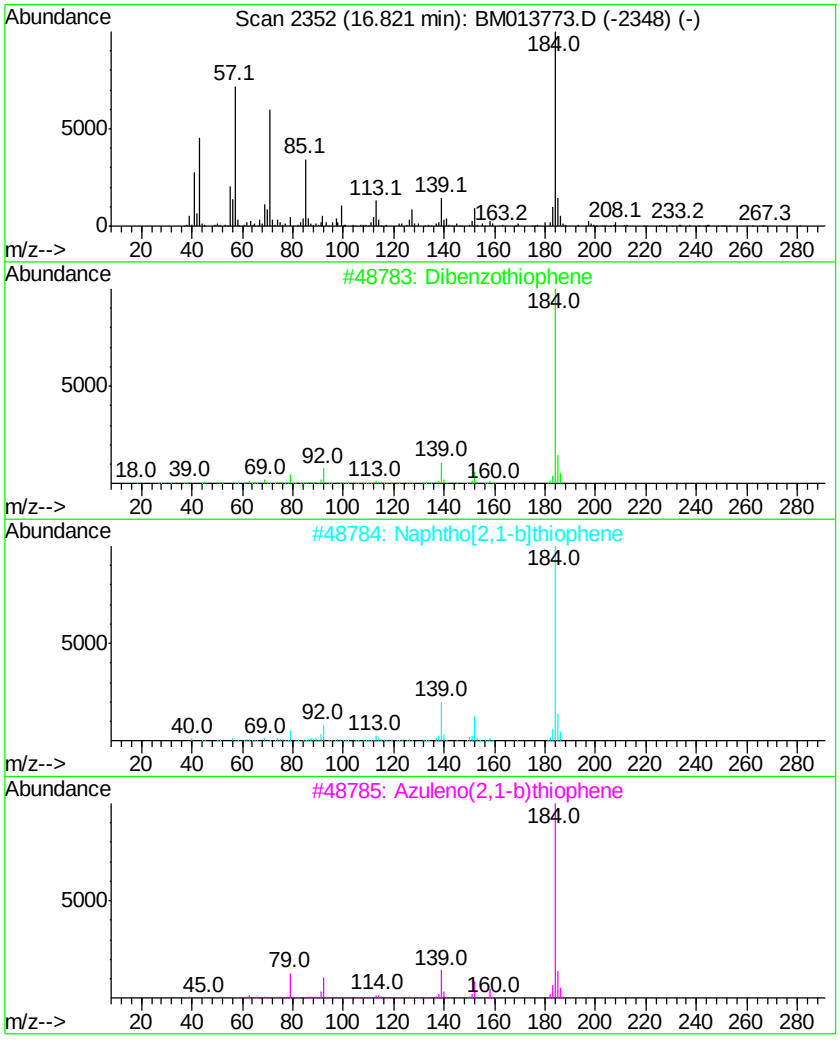
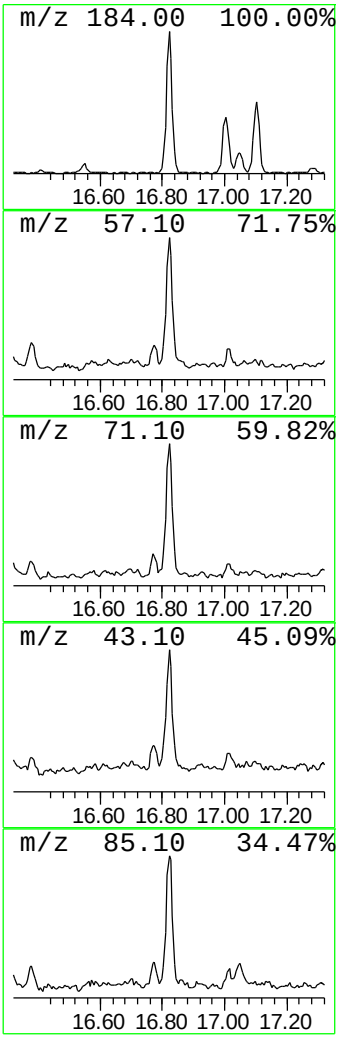
Peak Number 25 Dibenzothiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	17.73 ng/ul	1663870	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	60
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	60
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	60
4	Dibenzothiophene	184	C12H8S	000132-65-0	60
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	55





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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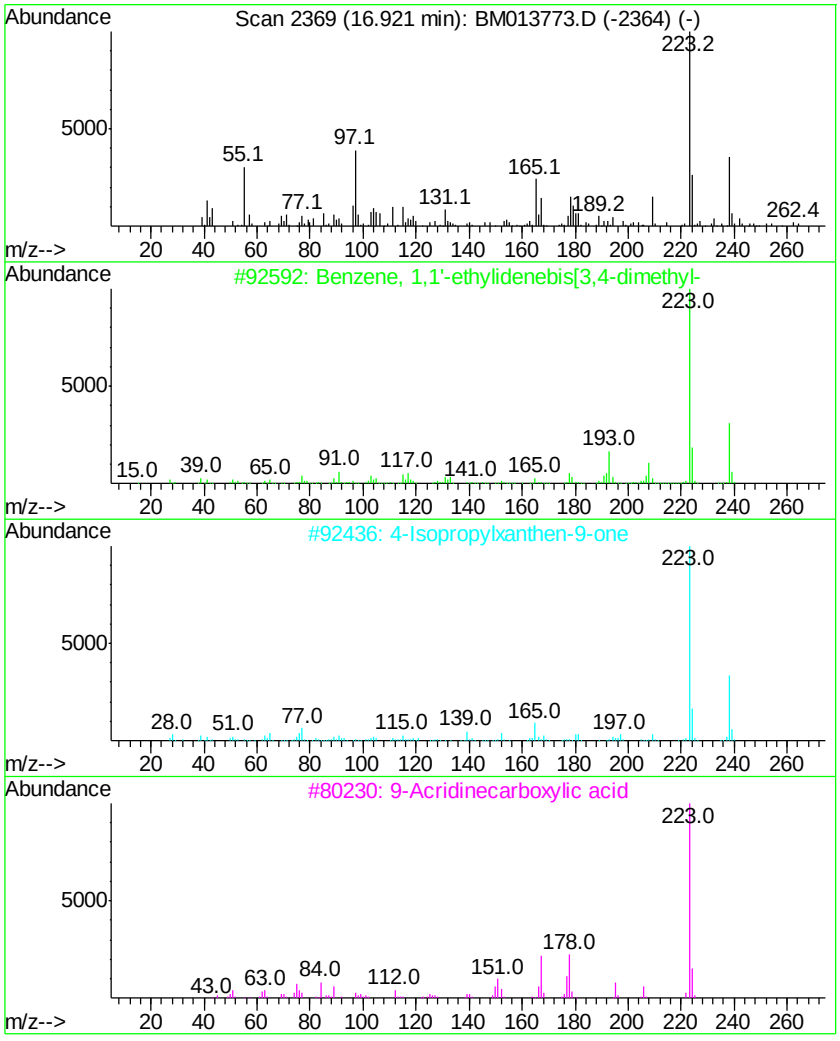
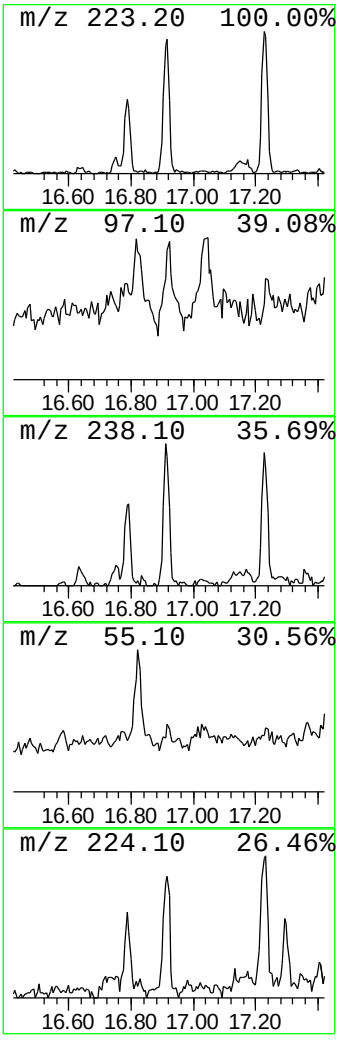
Peak Number 26 Benzene, 1,1'-ethylidenebis... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	3.55 ng/ul	332691	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	52
2	4-Isopropylxanthen-9-one	238	C16H14O2	1000210-33-1	52
3	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	50
4	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	50
5	Silane, dimethyl(4-acetylphenoxy...	238	C12H18O3Si	1000347-30-7	49





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Quant Title : SVOA CALIBRATION

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

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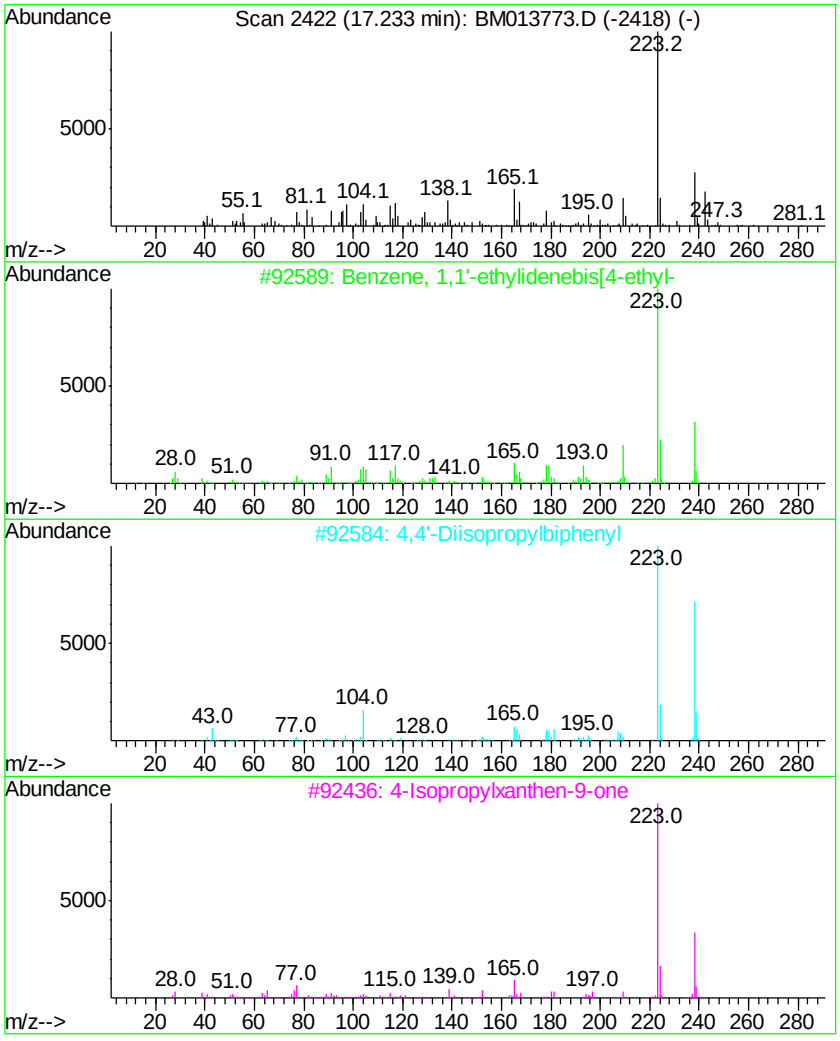
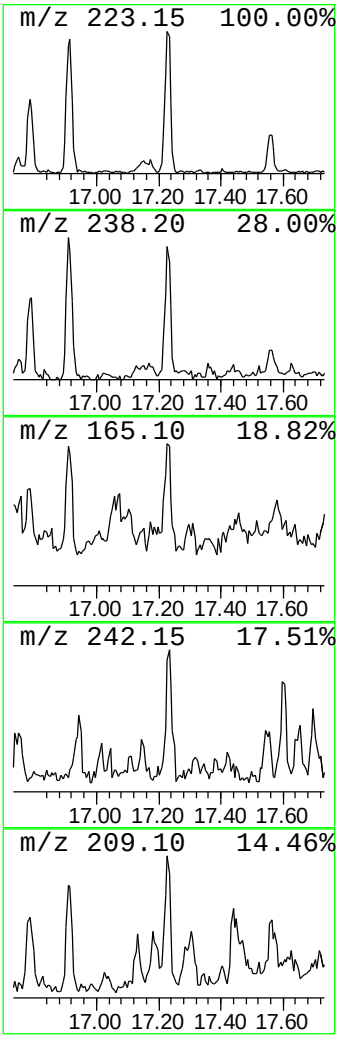
Peak Number 27 Benzene, 1,1'-ethylidenebis... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	5.15 ng/ul	483631	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	80
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	68
3	4-Isopropylxanthen-9-one	238	C16H14O2	1000210-33-1	62
4	4-tert-Butyl-benzophenone	238	C17H18O	022679-54-5	58
5	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	58





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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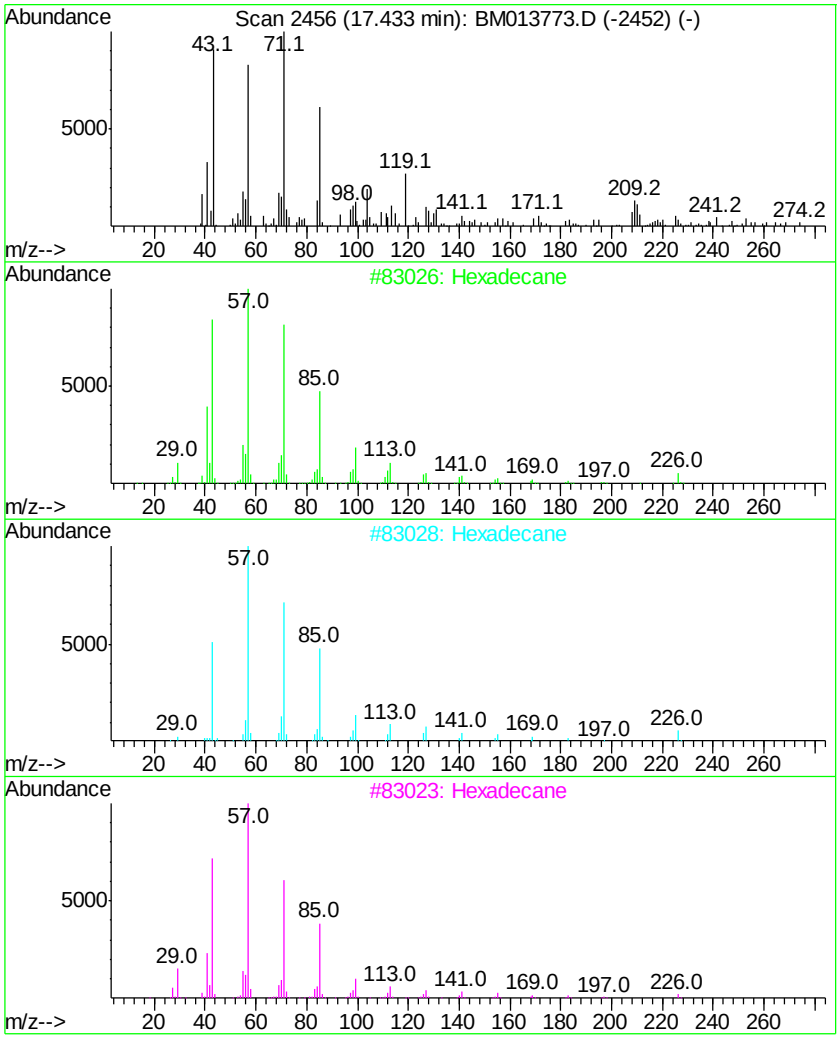
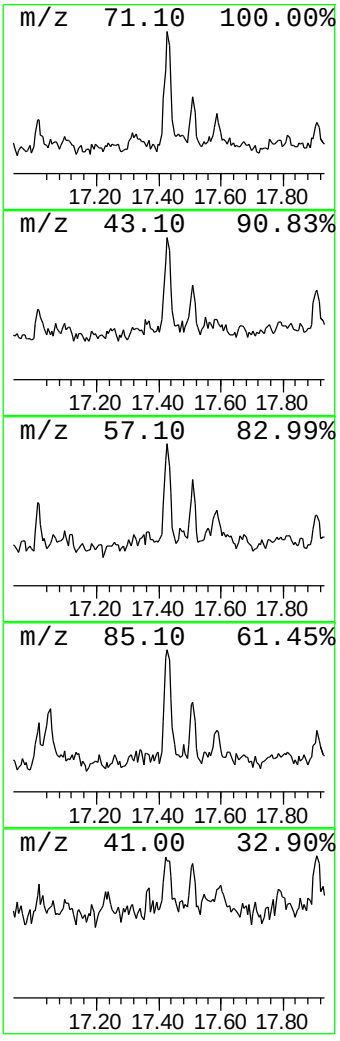
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	5.33 ng/ul	500076	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hexadecane	226	C16H34	000544-76-3	89
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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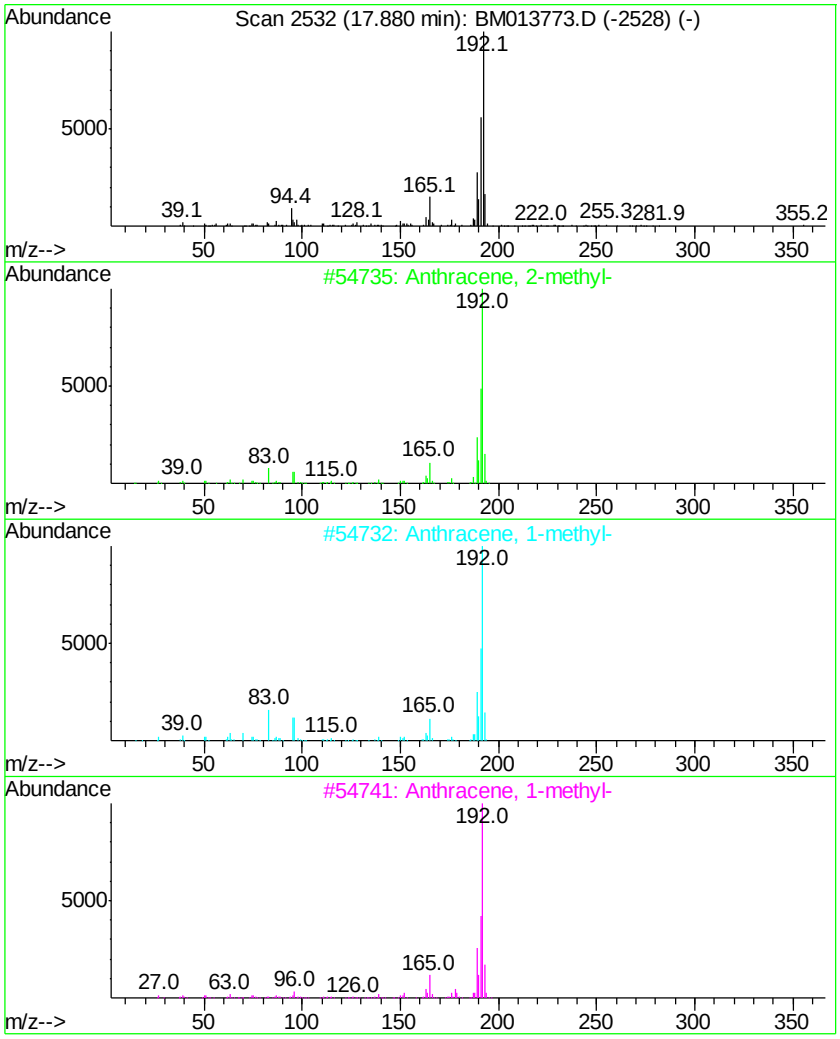
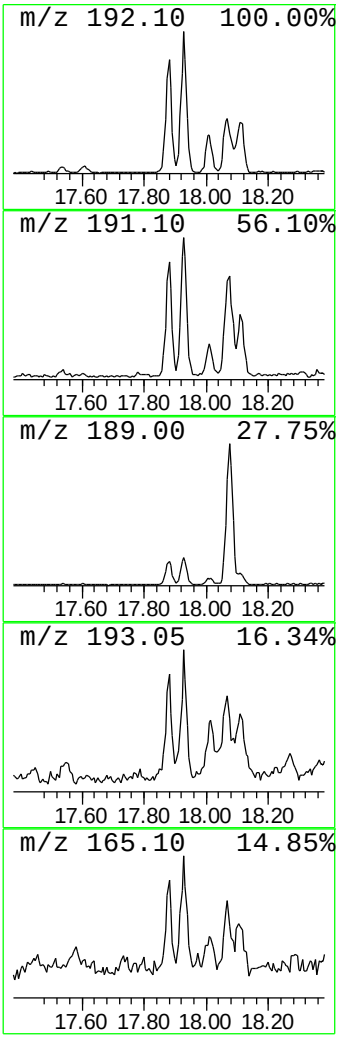
Peak Number 29 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	4.60 ng/ul	432034	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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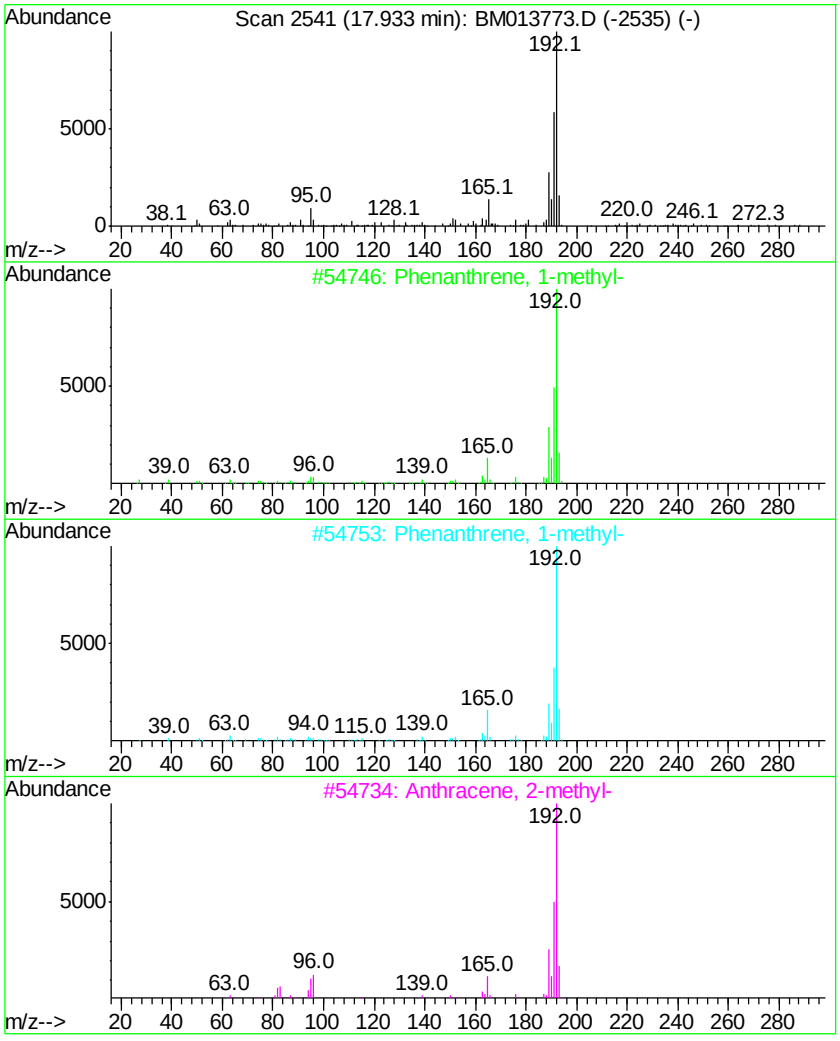
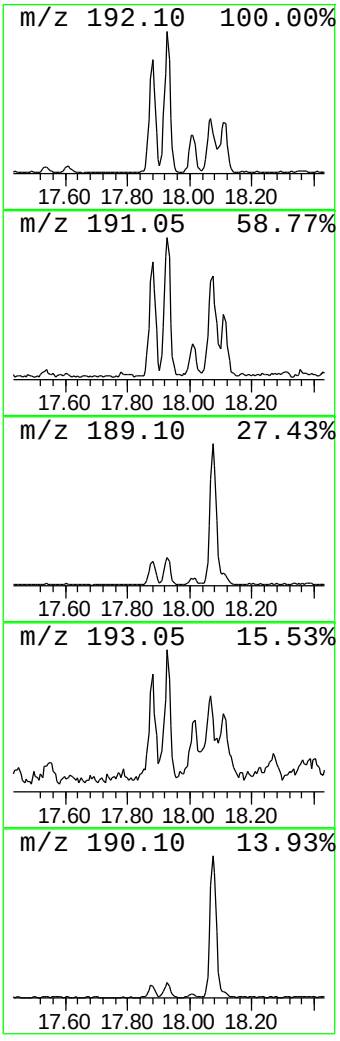
Peak Number 30 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	10.27 ng/ul	963860	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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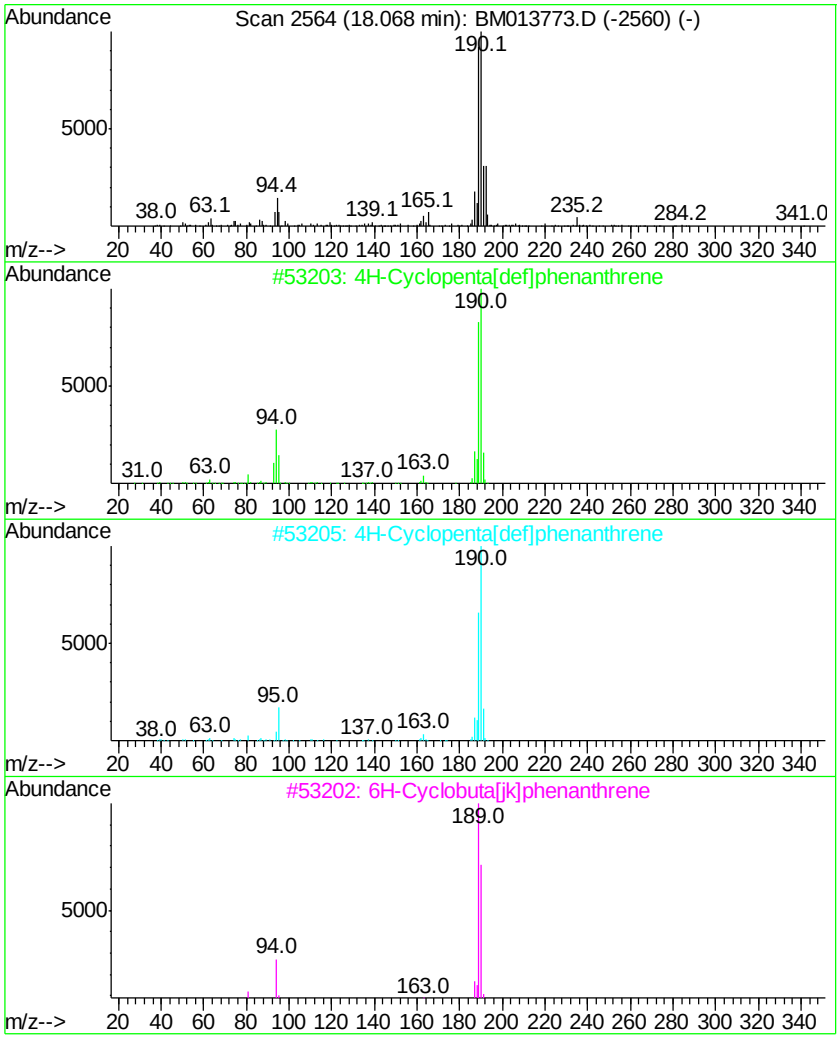
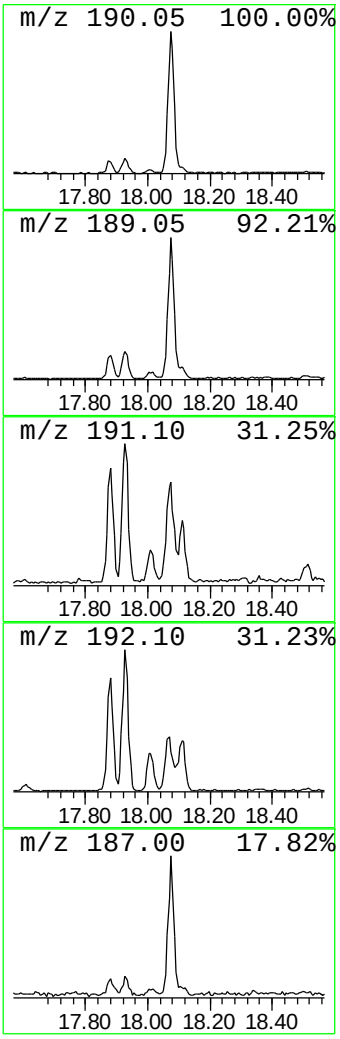
Peak Number 31 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	12.23 ng/ul	1147340	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53





Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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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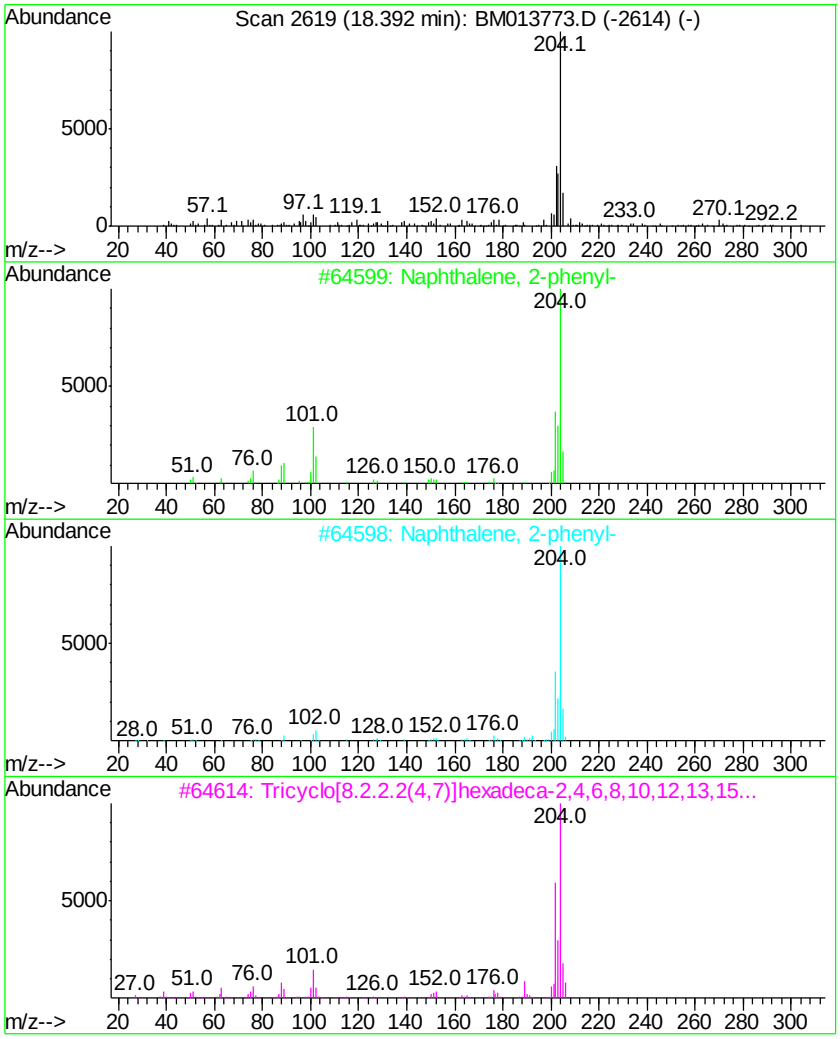
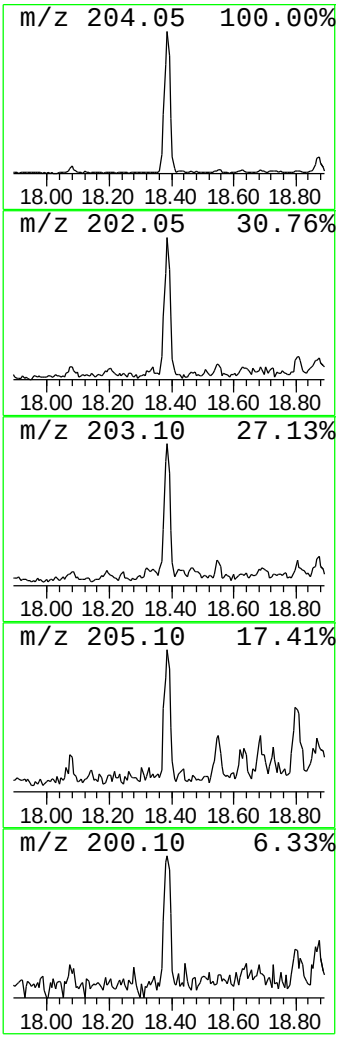
Peak Number 32 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	5.18 ng/ul	485874	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_M\DATA\BM012418\
Data File : BM013773.D
Acq On : 24 Jan 2018 18:14
Operator : SJ/JU
Sample : J1223-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A99

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
unknown-01	8.69	3.4	ng/ul	136138	1	7.59	799063	20.0
unknown-02	8.89	2.1	ng/ul	82362	1	7.59	799063	20.0
unknown-03	8.94	2.9	ng/ul	117156	1	7.59	799063	20.0
Decalin, syn-1-me...	9.55	2.9	ng/ul	187445	2	10.37	1283880	20.0
unknown-04	9.77	2.0	ng/ul	129893	2	10.37	1283880	20.0
unknown-05	10.59	2.0	ng/ul	128892	2	10.37	1283880	20.0
unknown-06	10.75	2.3	ng/ul	148190	2	10.37	1283880	20.0
(DEL) Alkane: Cyc...	11.07	6.1	ng/ul	391463	2	10.37	1283880	20.0
Sulfurous acid, 2...	11.40	16.7	ng/ul	1071920	2	10.37	1283880	20.0
Benzene, 1,2,4-tr...	11.47	3.4	ng/ul	220552	2	10.37	1283880	20.0
Propanedioic acid...	11.70	3.6	ng/ul	231863	2	10.37	1283880	20.0
Naphthalene, 1-me...	12.26	12.8	ng/ul	823272	2	10.37	1283880	20.0
(DEL) Alkane: Str...	12.77	6.5	ng/ul	1077670	3	14.25	3314110	20.0
Naphthalene, 1,3-...	13.57	3.4	ng/ul	563000	3	14.25	3314110	20.0
unknown-07	14.07	2.1	ng/ul	350137	3	14.25	3314110	20.0
unknown-08	14.39	2.5	ng/ul	412284	3	14.25	3314110	20.0
(DEL) Alkane: Cyc...	14.78	2.6	ng/ul	430190	3	14.25	3314110	20.0
unknown-09	15.03	3.2	ng/ul	532162	3	14.25	3314110	20.0
(DEL) Alkane: Str...	15.52	6.0	ng/ul	997206	3	14.25	3314110	20.0
Benzophenone	15.62	11.7	ng/ul	1942480	3	14.25	3314110	20.0
Naphthalene, 1,2,...	15.72	19.5	ng/ul	1830600	4	17.00	1876380	20.0
(DEL) Alkane: Str...	16.00	30.4	ng/ul	2853450	4	17.00	1876380	20.0
(4-Acetylphenyl)p...	16.04	10.2	ng/ul	956582	4	17.00	1876380	20.0
9H-Fluorene, 1-me...	16.31	2.6	ng/ul	239794	4	17.00	1876380	20.0
Dibenzothiophene	16.82	17.7	ng/ul	1663870	4	17.00	1876380	20.0
Benzene, 1,1'-eth...	16.92	3.5	ng/ul	332691	4	17.00	1876380	20.0
Benzene, 1,1'-eth...	17.23	5.2	ng/ul	483631	4	17.00	1876380	20.0
(DEL) Alkane: Str...	17.43	5.3	ng/ul	500076	4	17.00	1876380	20.0
Anthracene, 2-met...	17.88	4.6	ng/ul	432034	4	17.00	1876380	20.0
Phenanthrene, 1-m...	17.93	10.3	ng/ul	963860	4	17.00	1876380	20.0
4H-Cyclopenta[def...	18.07	12.2	ng/ul	1147340	4	17.00	1876380	20.0
Naphthalene, 2-ph...	18.39	5.2	ng/ul	485874	4	17.00	1876380	20.0