LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

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-BM013118.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	8.034	851	858	866	rBV	3989749	5931780	5.00%	1.191%
2	8.186	877	884	890	rBV	1698317	2625295	2.21%	0.527%
3	9.428	1084	1095	1103	rBV4	635491	1520648	1.28%	0.305%
4	10.104	1204	1210	1215	rBV2	1045829	1764856	1.49%	0.354%
5	10.157	1215	1219	1223	rVB	975222	1366679	1.15%	0.274%
6	10.327	1243	1248	1254	rVB	986019	1650391	1.39%	0.331%
7	10.398	1254	1260	1265	rBV3	1008998	1954501	1.65%	0.392%
8	10.627	1292	1299	1307	rVB	3775821	5599166	4.72%	1.124%
9	10.933	1346	1351	1357	rBV	1983772	2873971	2.42%	0.577%
10	11.351	1417	1422	1426	rBV	885699	1369214	1.15%	0.275%
11	12.298	1576	1583	1587	rVV	2141619	3491232	2.94%	0.701%
12	12.339	1587	1590	1595	rVB	953866	1324476	1.12%	0.266%
13	12.610	1630	1636	1644	rBV8	527608	1293094	1.09%	0.260%
14	12.739	1653	1658	1662	rBV2	2275136	3668597	3.09%	0.737%
15	12.957	1689	1695	1700	rBV3	1351990	2024715	1.71%	0.407%
16	13.027	1703	1707	1714	rBV5	828965	1878969	1.58%	0.377%
17	13.363	1758	1764	1768	rBV	843722	1233254	1.04%	0.248%
18	13.610	1801	1806	1809	rBV2	2625644	4367569	3.68%	0.877%
19	13.692	1815	1820	1828	rBV3	2274996	3692753	3.11%	0.741%
20	13.904	1848	1856	1860	rVV	1750833	2991591	2.52%	0.601%
21	14.221	1899	1910	1914	rBV2	74872462	118563804	100.00%	23.806%
22	14.280	1914	1920	1927	rVB5	683559	1405097	1.19%	0.282%
23	14.363	1929	1934	1942	rVB	3238860	4716022	3.98%	0.947%
24	14.568	1963	1969	1975	rBV2	3176181	6525538	5.50%	1.310%
25	14.751	1995	2000	2004	rVB3	849702	1257903	1.06%	0.253%
26	14.839	2010	2015	2018	rBV	1730843	2340402	1.97%	0.470%
27	15.068	2049	2054	2062	rVB3	823166	1979642	1.67%	0.397%
28	15.215	2074	2079	2084	rBV	2776597	4012567	3.38%	0.806%
29	15.268	2084	2088	2094	rVV2	830340	1372791	1.16%	0.276%
30	15.327	2094	2098	2102	rVV	2031716	2694035	2.27%	0.541%
31	15.486	2120	2125	2130	rBV	1793604	2544525	2.15%	0.511%
32	15.592	2136	2143	2148	rVB2	1183519	2052941	1.73%	0.412%
33	15.704	2149	2162	2166	rVV	65439546	92766749	78.24%	18.626%
34	15.780	2170	2175	2179	rBV	2958814	3754216	3.17%	0.754%

LSC Area Percent Report

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Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

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-BM013118.M
Title : SVOA CALIBRATION

35	15.968	2201	2207	2210	rBV	3829604	5561437	4.69%	1.117%
36	16.021	2210	2216	2222	rVB	35896618	47744052	40.27%	9.586%
37	16.115	2228	2232	2236	rBV	2367841	3042995	2.57%	0.611%
38	16.162	2236	2240	2250	rVB3	1212376	2364531	1.99%	0.475%
39	16.262	2250	2257	2263	rBV7	517529	1575822	1.33%	0.316%
40	16.327	2264	2268	2273	rBV2	1247753	2142519	1.81%	0.430%
41	16.621	2310	2318	2323	rVB	3434230	5669556	4.78%	1.138%
42	16.727	2327	2336	2338	rBV6	3724261	8236174	6.95%	1.654%
43	16.751	2338	2340	2343	rVV	3828543	4443556	3.75%	0.892%
44	16.786	2343	2346	2352	rVB4	2636745	3909314	3.30%	0.785%
45	16.880	2356	2362	2366	rBV	9322176	12312038	10.38%	2.472%
46	16.968	2371	2377	2382	rBV2	2372808	4131086	3.48%	0.829%
47	17.068	2389	2394	2398	rBV2	3737315	5343566	4.51%	1.073%
48	17.198	2409	2416	2421	rVB2	11964717	16164532	13.63%	3.246%
49	17.374	2443	2446	2448	rBV2	937894	1232563	1.04%	0.247%
50	17.415	2448	2453	2458	rVB	5173801	7721510	6.51%	1.550%
51	17.503	2462	2468	2470	rBV	2669720	4518676	3.81%	0.907%
52	17.562	2475	2478	2482	rVV2	1995166	2627999	2.22%	0.528%
53	17.662	2491	2495	2506	rVB3	1110442	1940695	1.64%	0.390%
54	17.756	2506	2511	2521	rBV2	2306595	3933730	3.32%	0.790%
55	17.886	2528	2533	2539	rVB	2464042	3267212	2.76%	0.656%
56	17.951	2540	2544	2549	rBV5	634413	1334083	1.13%	0.268%
57	18.039	2555	2559	2562	rBV	2576342	3904853	3.29%	0.784%
58	18.356	2609	2613	2621	rVB4	938257	2065251	1.74%	0.415%
59	18.515	2635	2640	2645	rVB	5906097	7540142	6.36%	1.514%
60	18.609	2653	2656	2661	rBV	1109183	1523777	1.29%	0.306%
61	18.662	2661	2665	2669	rVB3	2024334	2744948	2.32%	0.551%
62	18.774	2678	2684	2687	rBV2	1124823	2207795	1.86%	0.443%
63	19.039	2725	2729	2736	rVB2	1223561	2198768	1.85%	0.441%
64	19.127	2740	2744	2752	rVB3	572965	1331372	1.12%	0.267%
65	19.374	2781	2786	2790	rBV2	5172774	7220237	6.09%	1.450%
66	19.456	2796	2800	2804	rVV2	1328752	1809768	1.53%	0.363%
67	19.503	2804	2808	2815	rVB	1004551	1279874	1.08%	0.257%
68	19.692	2835	2840	2846	rBV2	1857154	2793451	2.36%	0.561%
69	19.915	2874	2878	2883	rVB	1656297	2327872	1.96%	0.467%
70	20.480	2970	2974	2978	rBV	1212320	1451950	1.22%	0.292%
71	21.174	3087	3092	3096	rBV	1991673	2685348	2.26%	0.539%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

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-BM013118.M
Title : SVOA CALIBRATION

72	23.215	3433	3439	3451	rVB	2470469	4664184	3.93%	0.936%
73	23.350	3456	3462	3475	rVB	1346131	2475533	2.09%	0.497%

Sum of corrected areas: 498051752

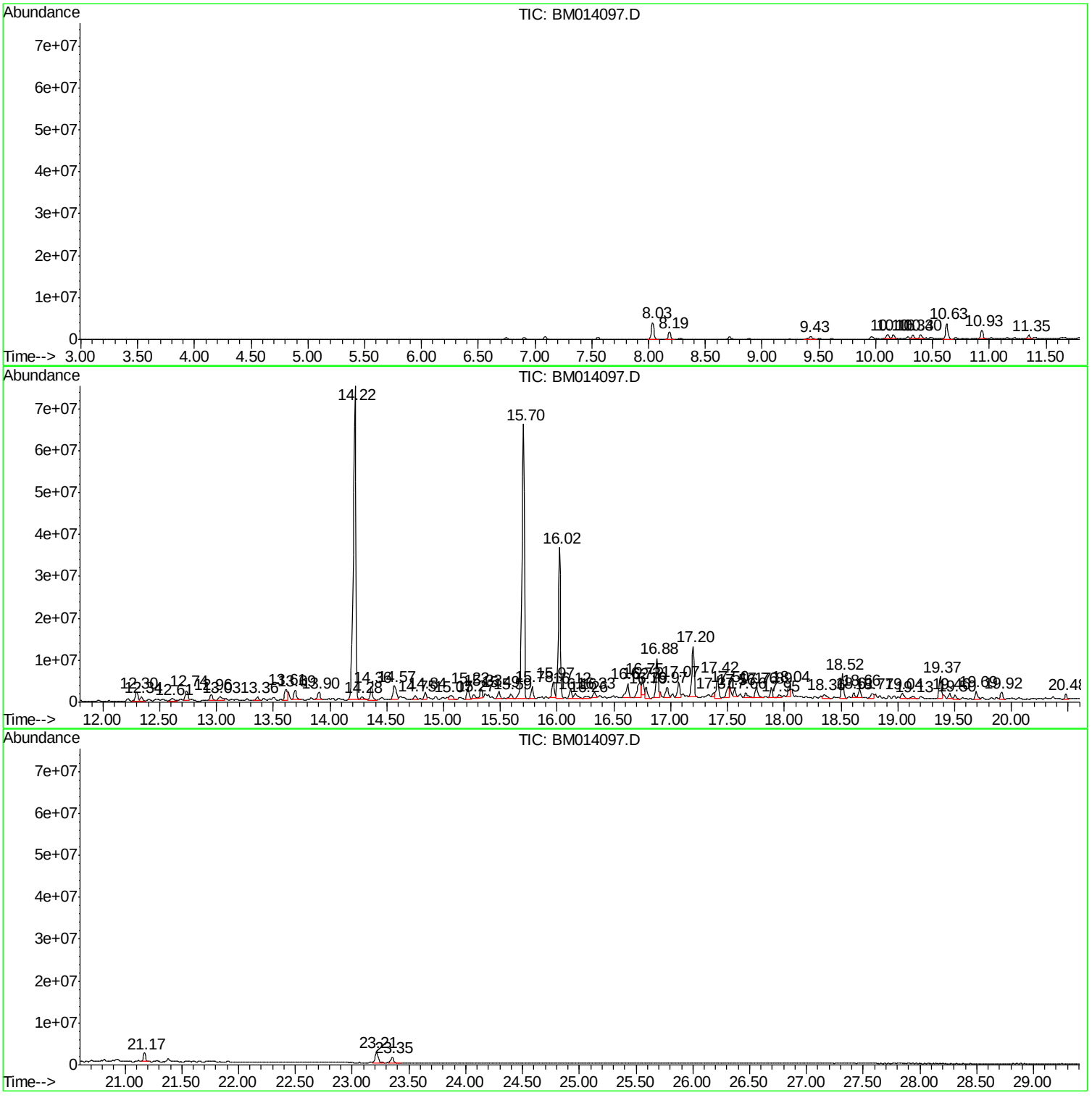
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

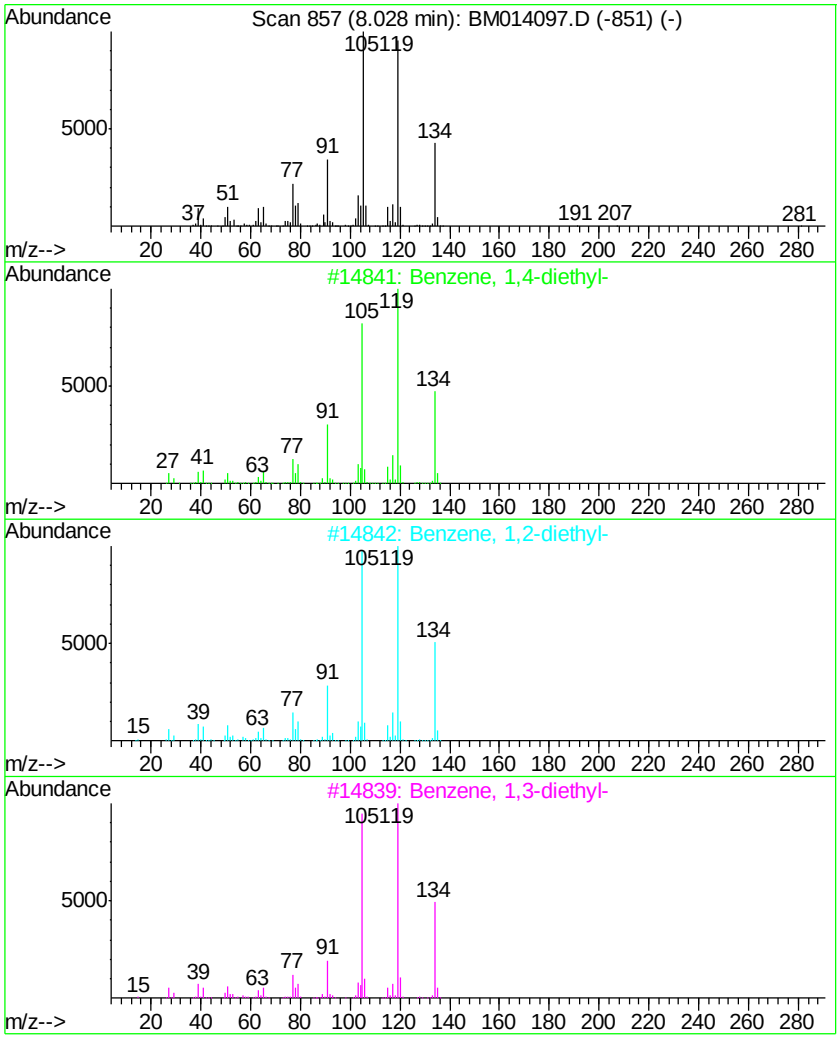
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

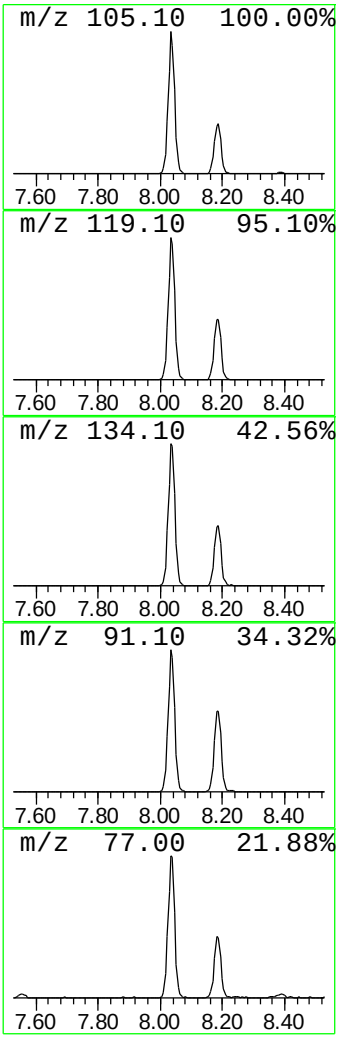
****

Peak Number 1 Benzene, 1,4-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	20.00 ng/ul	5931780	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94





Data Path : Z:\HPCHEM1\BNA M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

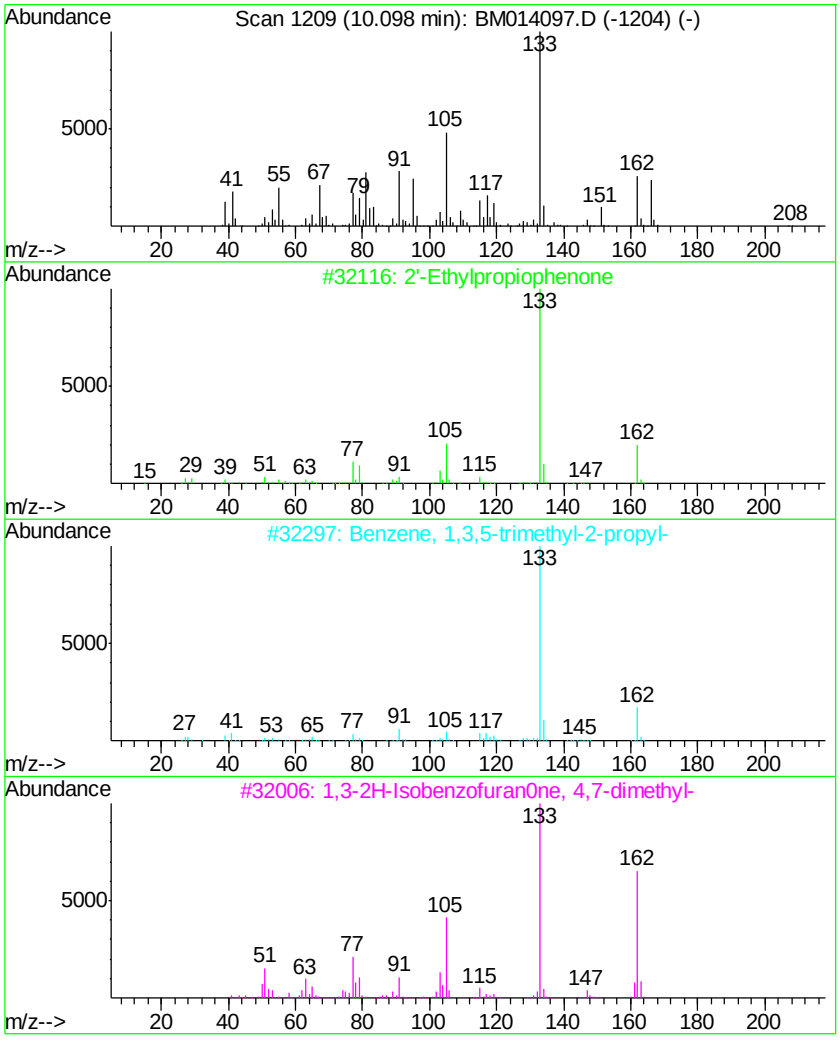
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

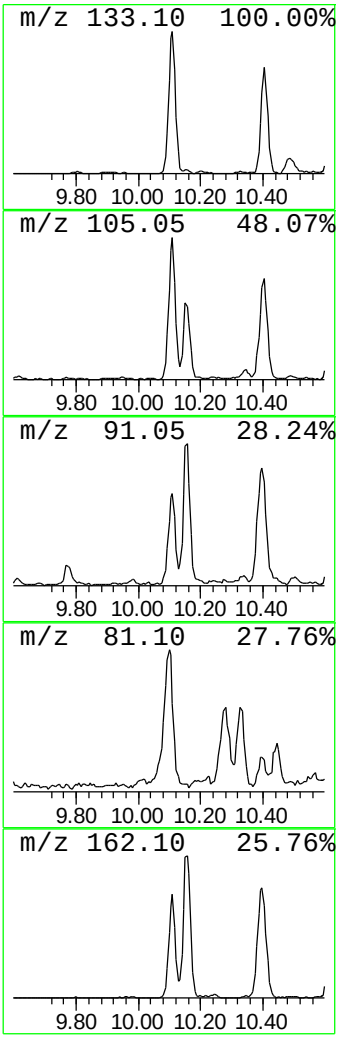
****

Peak Number 3 2'-Ethylpropiophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	21.39 ng/ul	1764860	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2'-Ethylpropiophenone	162	C11H14O	016819-79-7	70
2	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	58
3	1,3-2H-Isobenzofuran0ne, 4,7-dim...	162	C10H10O2	054598-91-3	53
4	Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	53
5	1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	50





Data Path : Z:\HPCHEM1\BNA M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

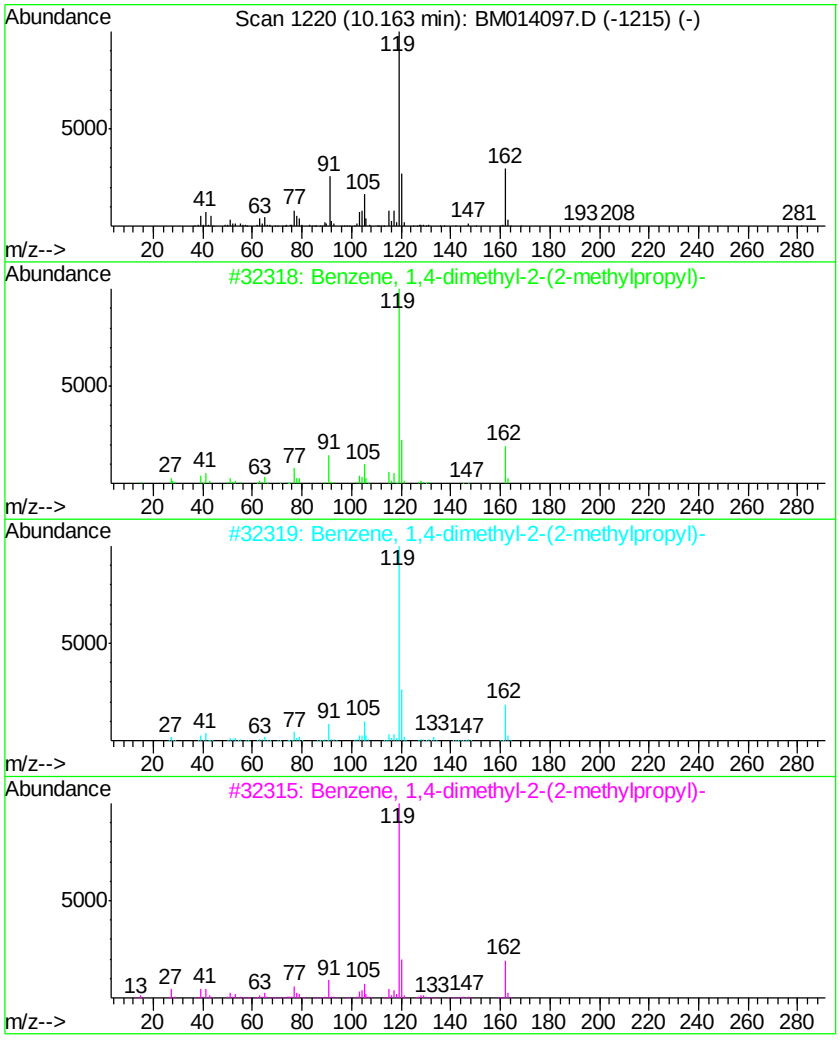
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

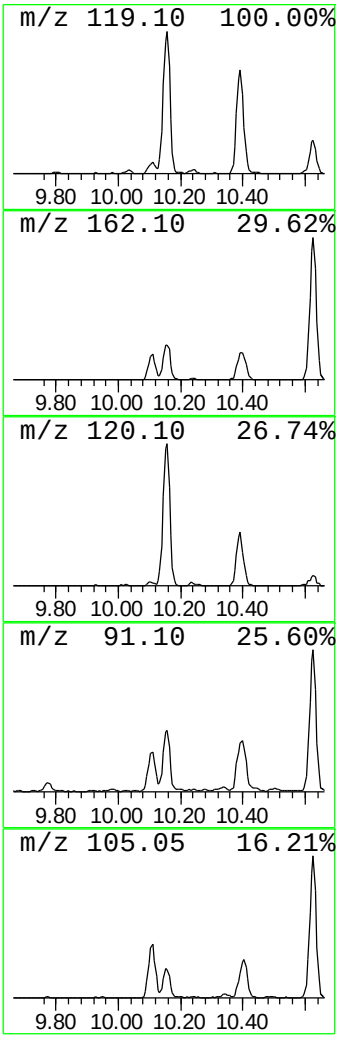
****

Peak Number 4 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	16.56 ng/ul	1366680	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	95
2	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	90
3	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	87
4	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	83
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64





Data Path : Z:\HPCHEM1\BNA M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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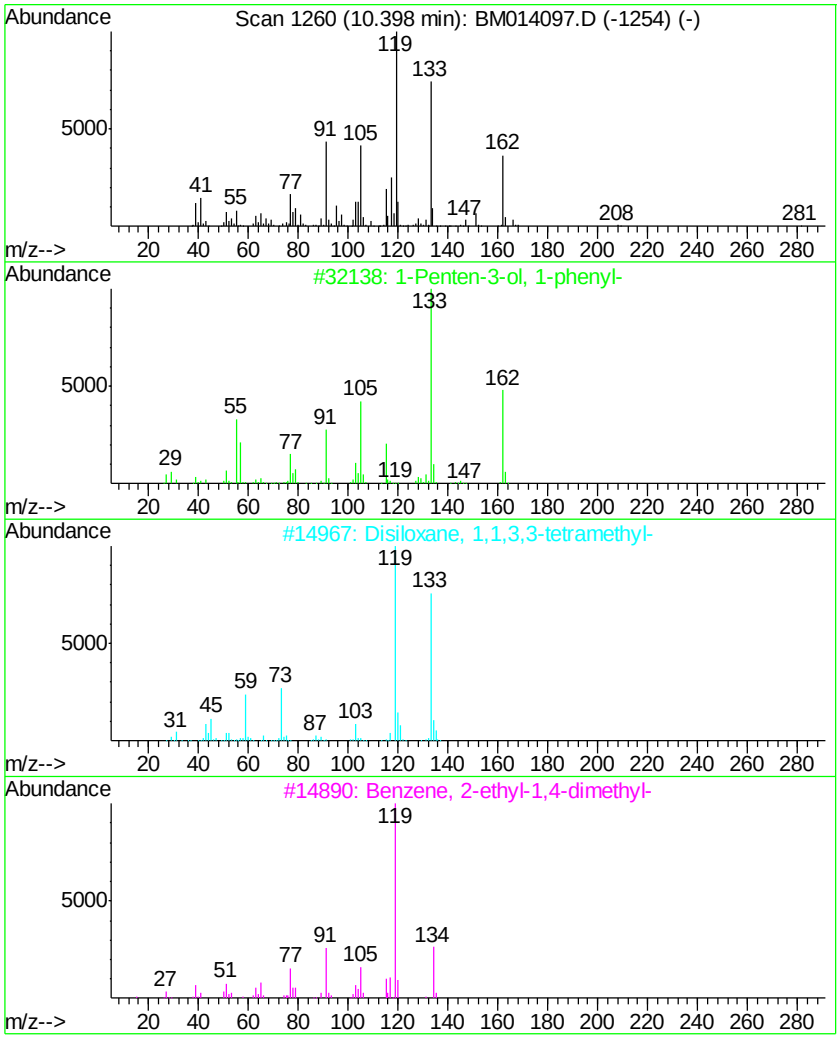
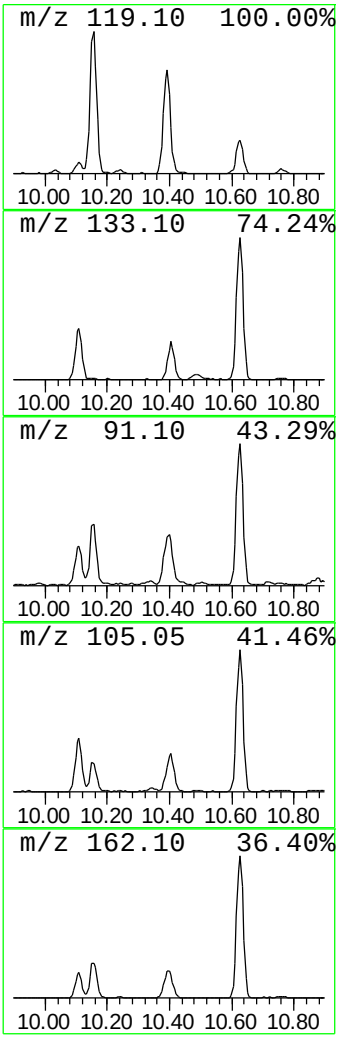
Peak Number 5 1-Penten-3-ol, 1-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	23.69 ng/ul	1954500	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-ol, 1-phenyl-	162	C11H14O	034862-94-7	87
2	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	58
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
4	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	50
5	o-Cymene	134	C10H14	000527-84-4	43





Library Search Compound Report

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Data File : BM014097.D
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Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

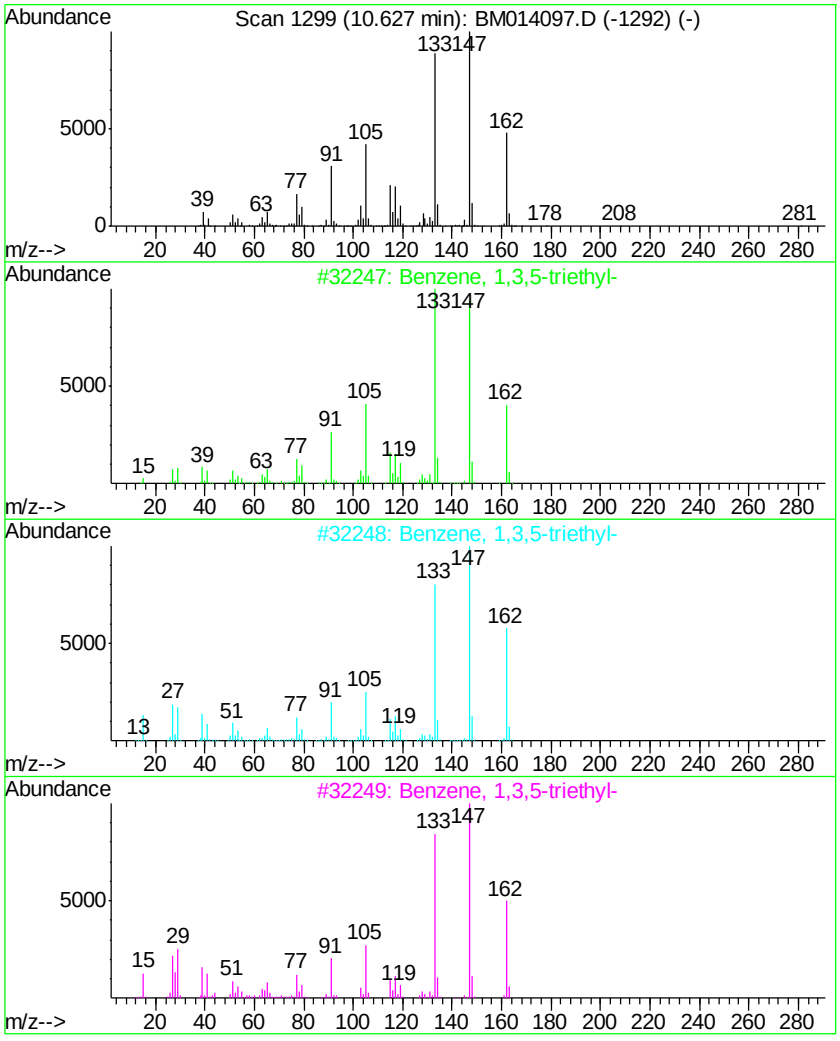
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

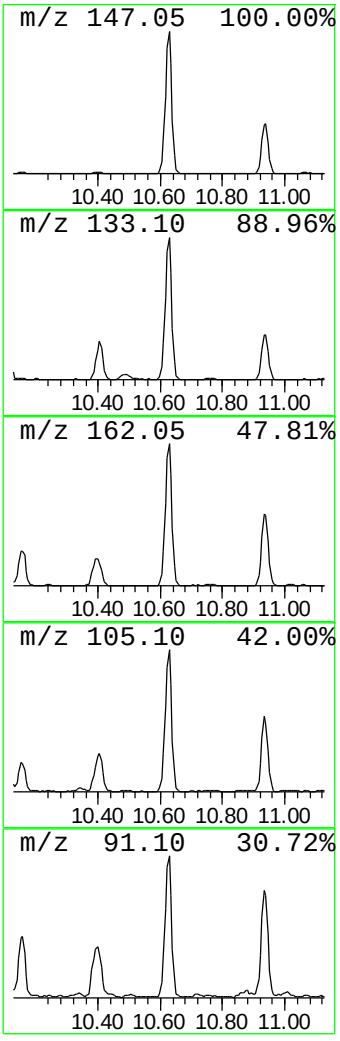
****

Peak Number 6 Benzene, 1,3,5-triethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	67.85 ng/ul	5599170	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	96
2	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	95
3	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	93
4	Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	93
5	Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	93





Data Path : Z:\HPCHEM1\BNA M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

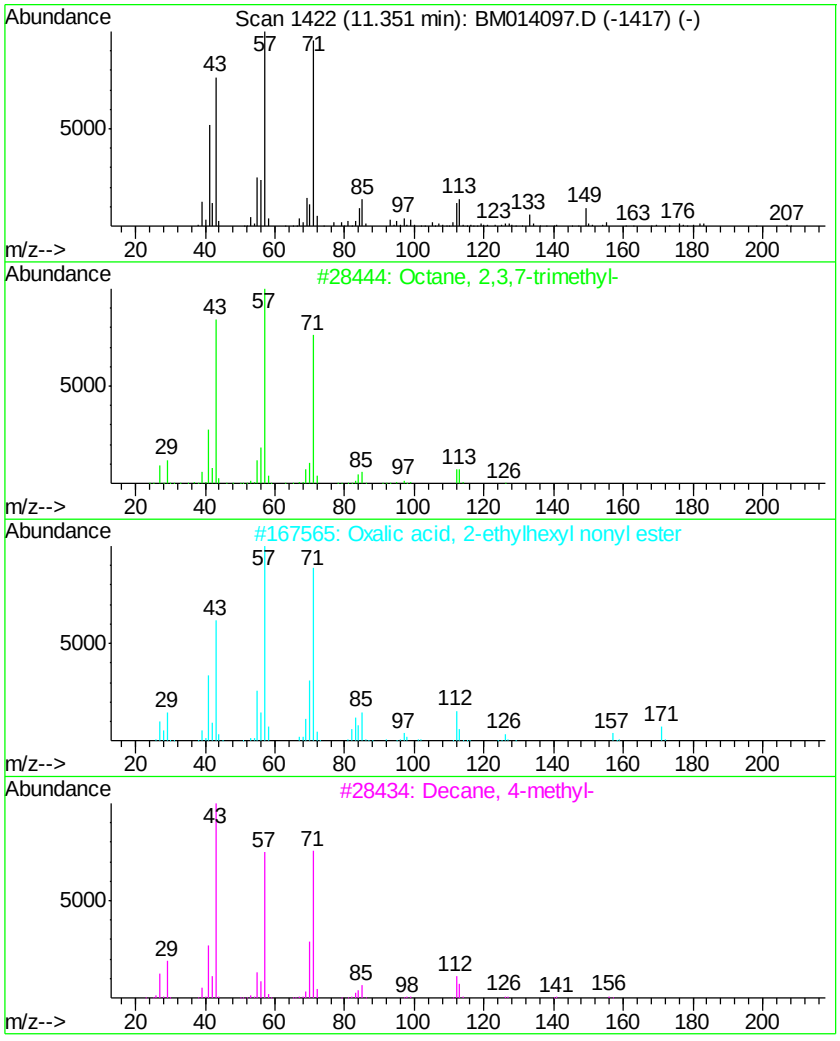
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

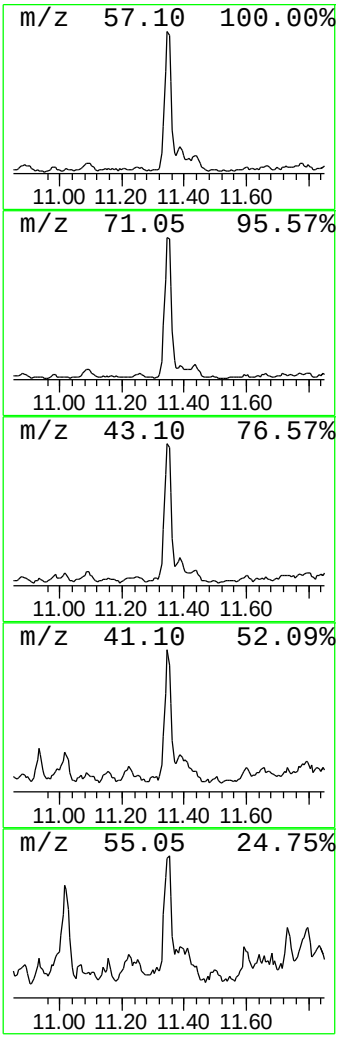
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	16.59 ng/ul	1369210	Naphthalene-d8	10.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
2	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	64
3	Decane, 4-methyl-	156	C11H24	002847-72-5	64
4	Decane, 4-methyl-	156	C11H24	002847-72-5	59
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	53





Data Path : Z:\HPCHEM1\BNA M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

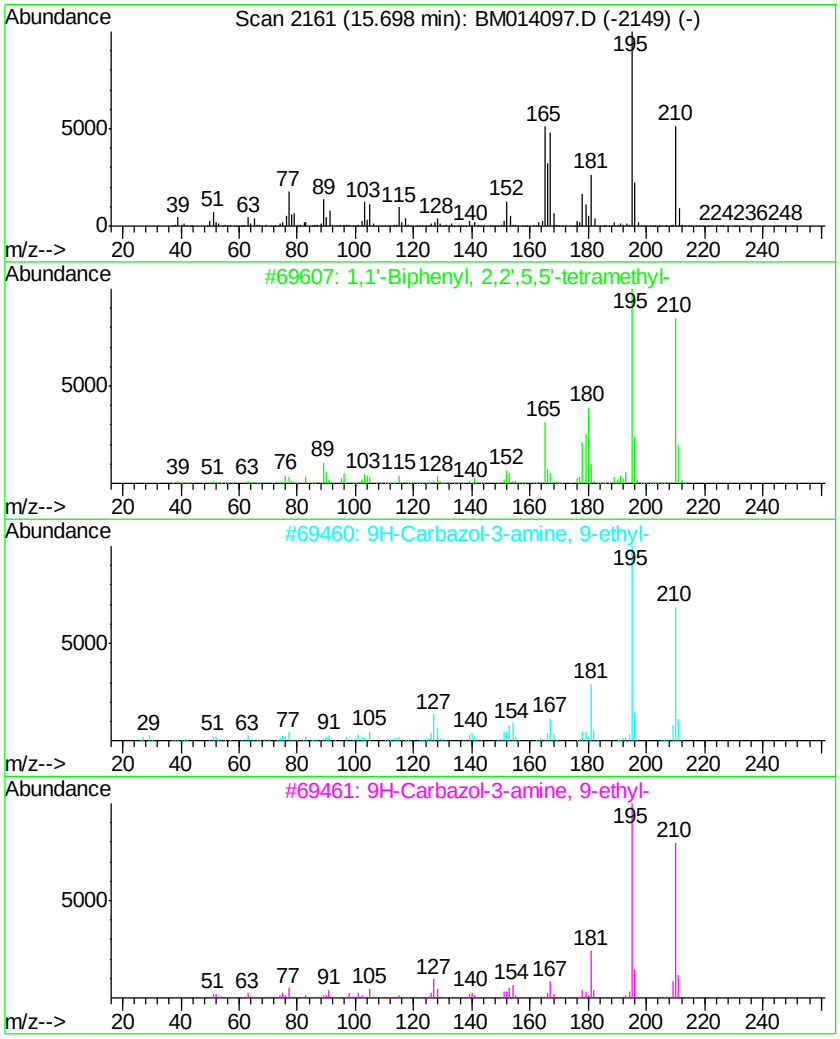
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

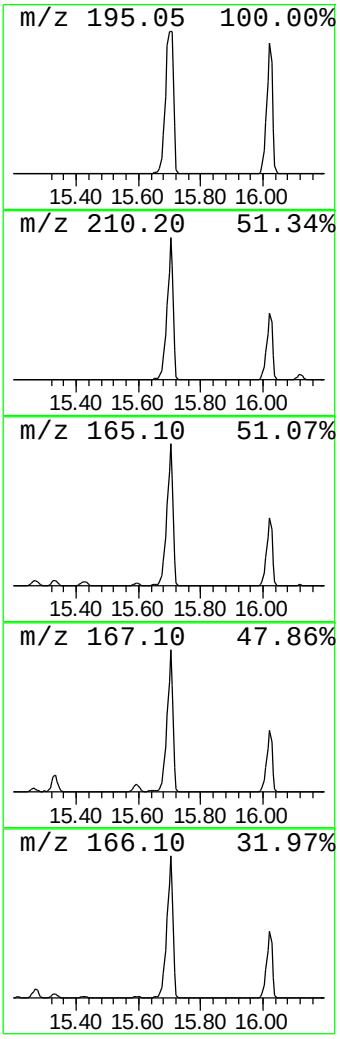
****

Peak Number 9 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	449.12 ng/ul	92766700	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	53
2	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	46
3	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	43
4	Ethanone, 1,1'-(2,4,6-trihydroxy...	210	C10H10O5	002161-86-6	38
5	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	35





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Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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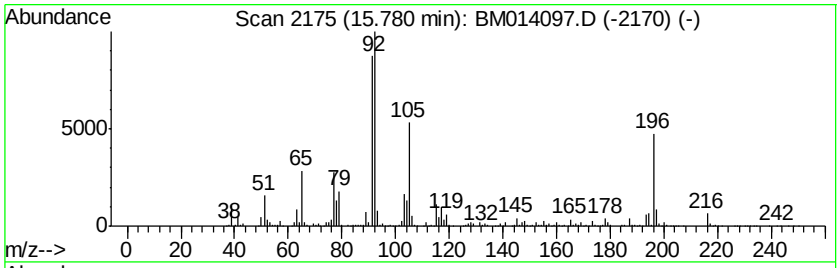
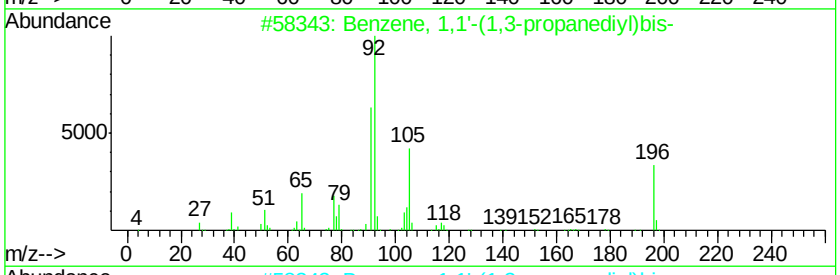
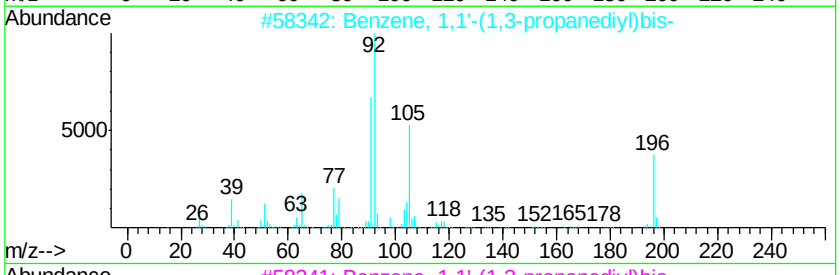
Peak Number 10 Benzene, 1,1'-(1,3-propaned... Concentration Rank 20

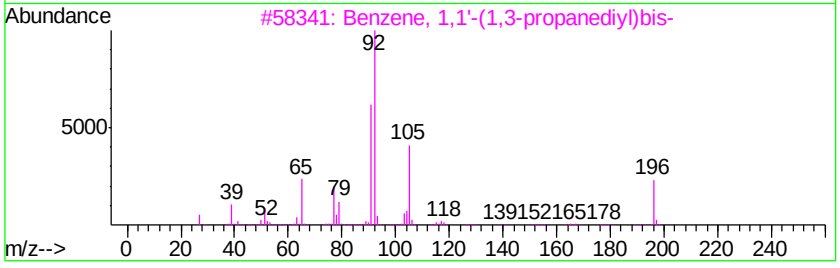
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	18.18 ng/ul	3754220	Phenanthrene-d10	16.97

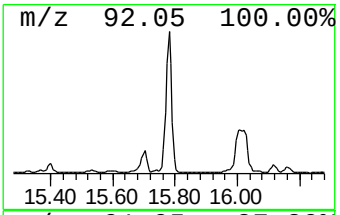
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	95
2	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	93
3	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	90
4	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	64
5	Benzene, 1,1'-[oxybis(methylene)...	198	C14H14O	000103-50-4	47

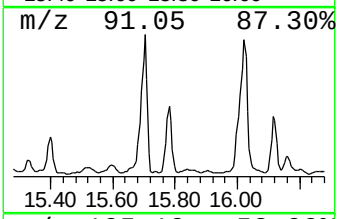


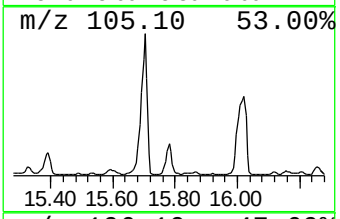


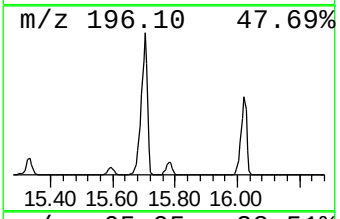


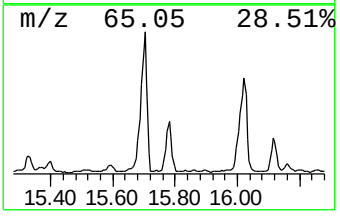












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Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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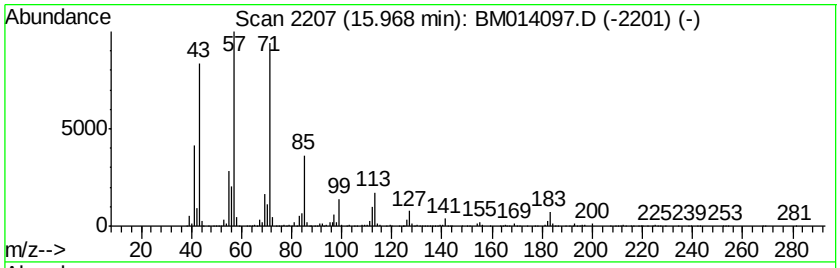
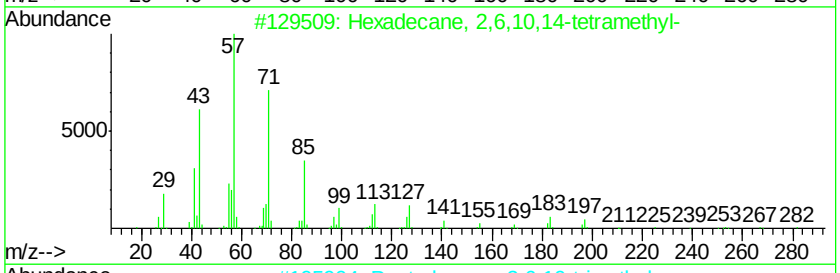
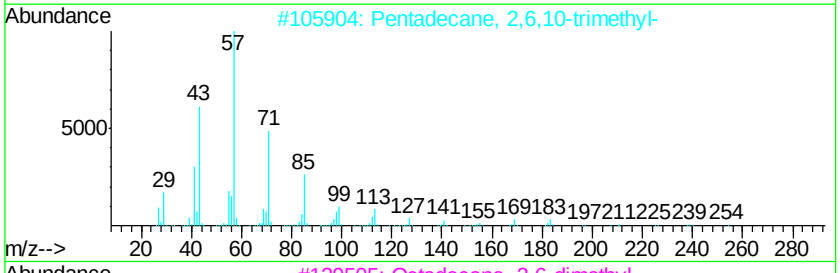
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

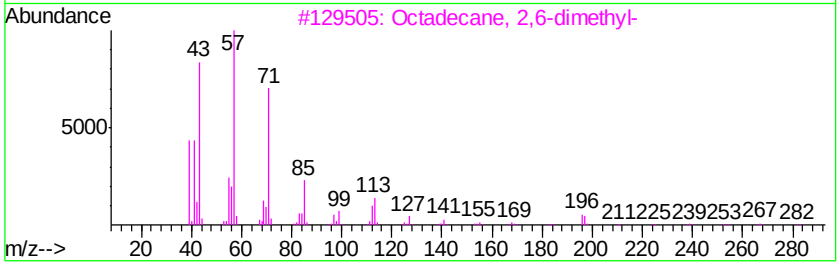
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	26.92 ng/ul	5561440	Phenanthrene-d10	16.97

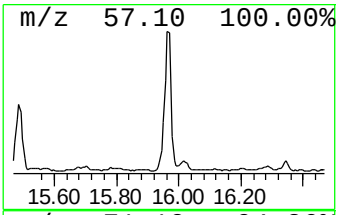
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	89
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
5	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	74

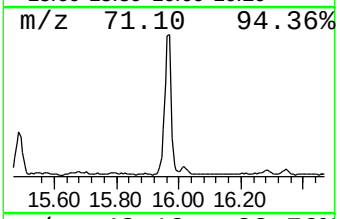


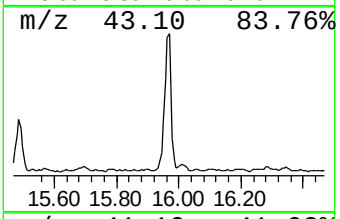


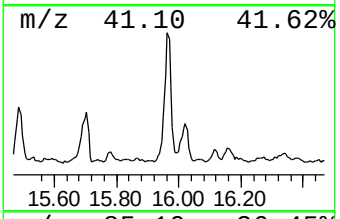


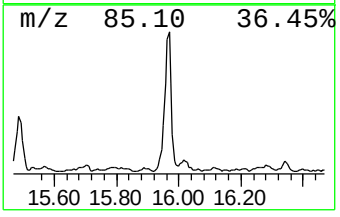












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Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

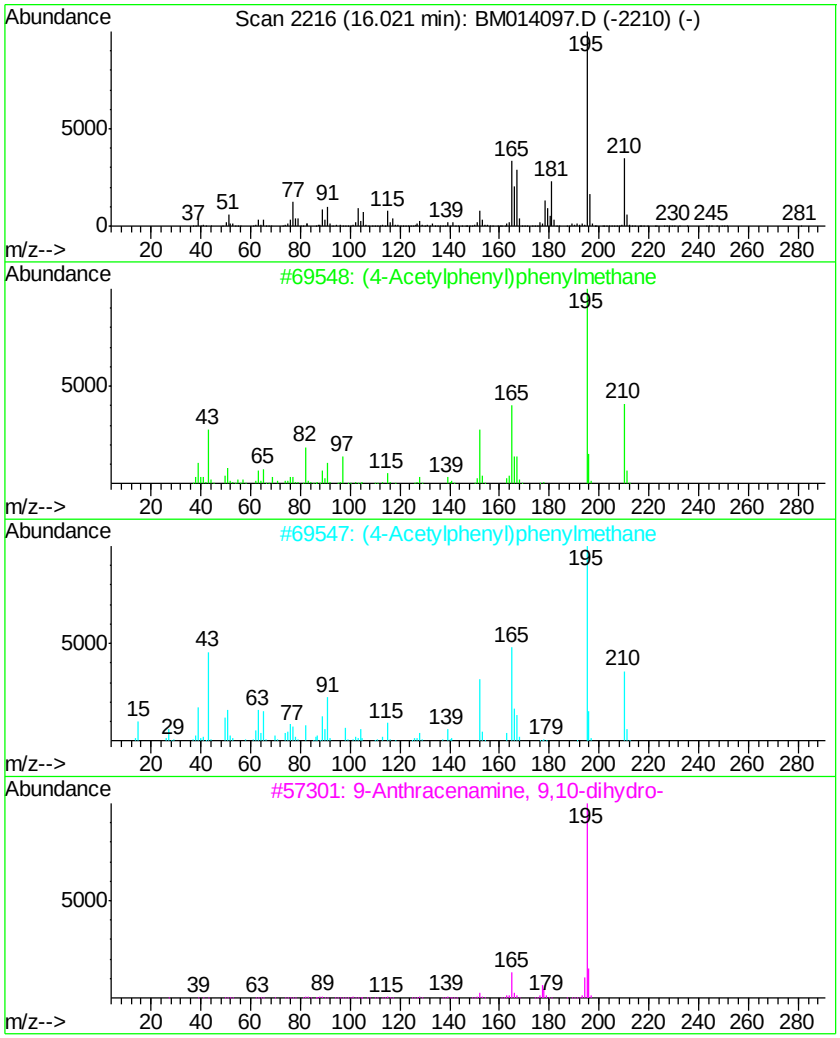
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

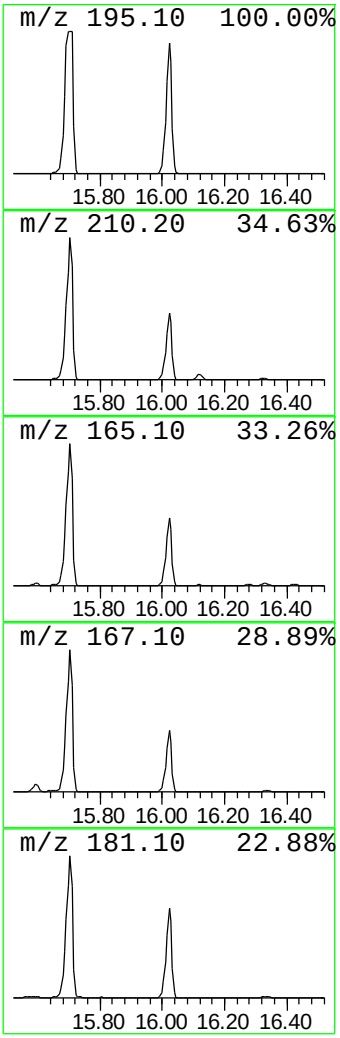
****

Peak Number 12 (4-Acetylphenyl)phenylmethane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	231.15 ng/ul	47744100	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	64
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	58
3	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	47
4	Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	47
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	46





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Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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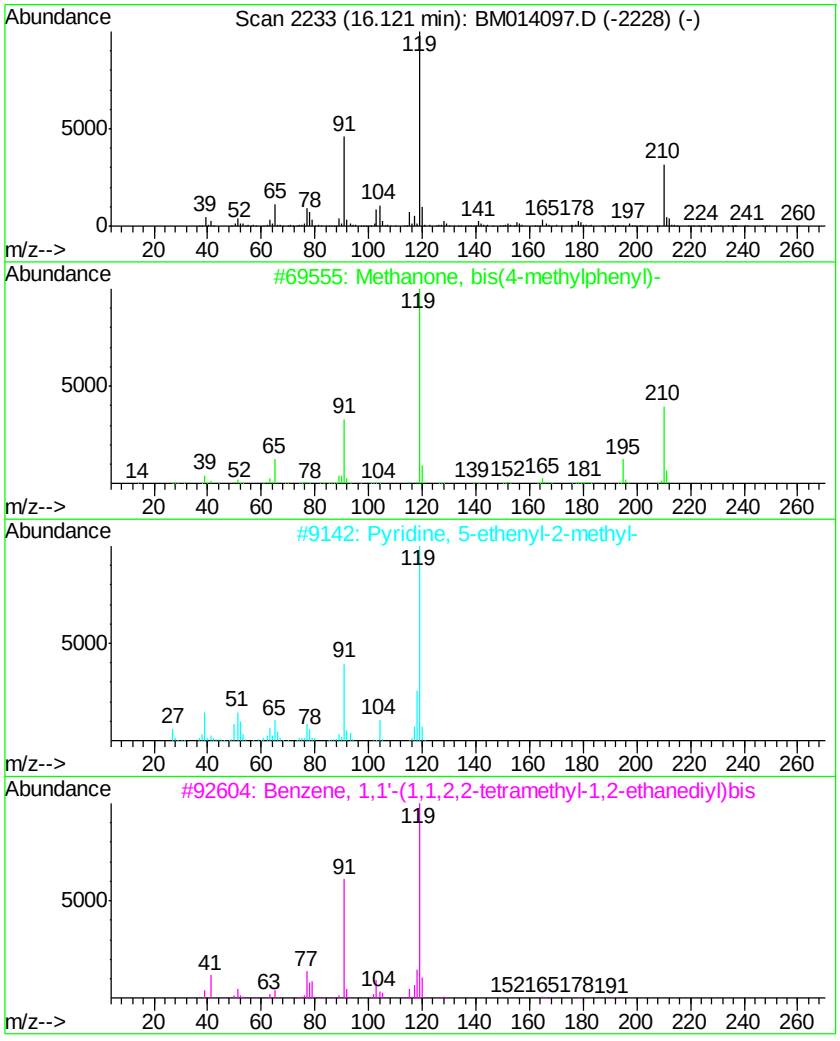
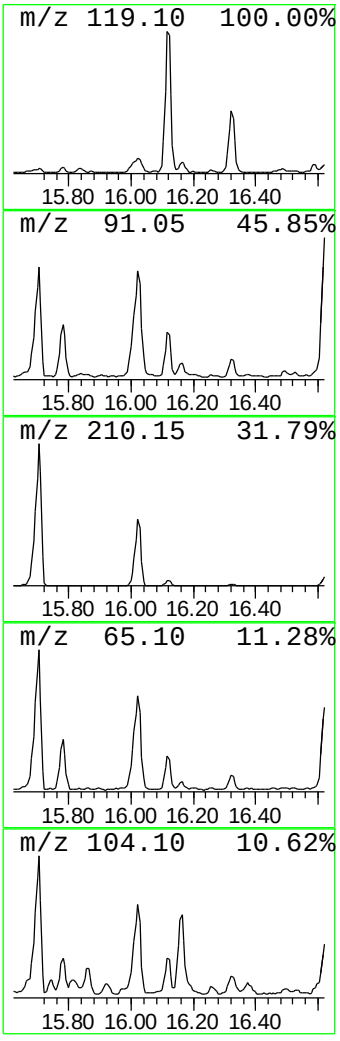
Peak Number 13 Methanone, bis(4-methylphen... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	14.73 ng/ul	3043000	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, bis(4-methylphenyl)-	210	C15H14O	000611-97-2	74
2	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	64
3	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	59
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	59
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59





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Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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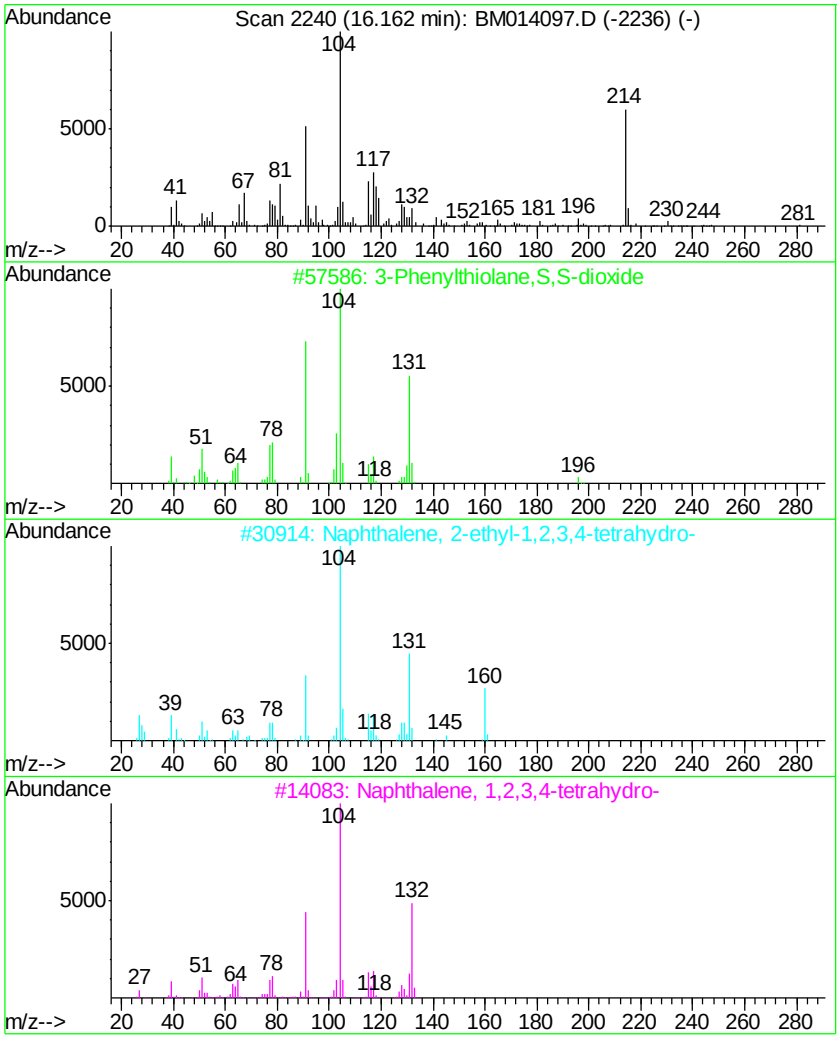
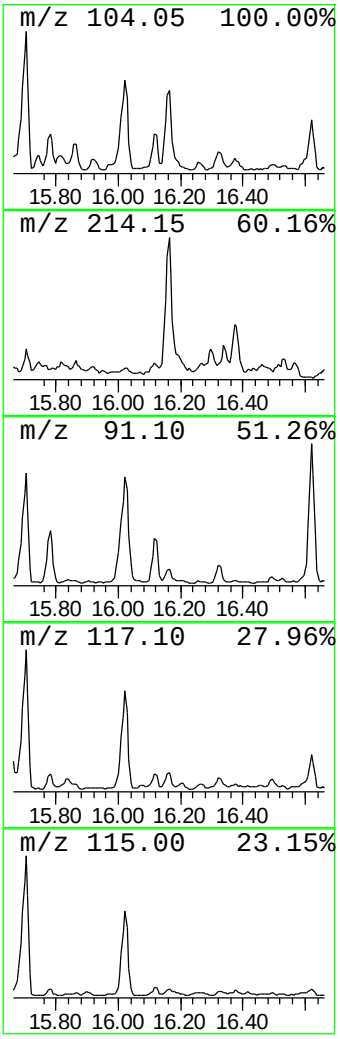
Peak Number 14 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	11.45 ng/ul	2364530	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylthiolane,S,S-dioxide	196	C10H12O2S	016766-64-6	43
2	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	43
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	38
4	Benzene, 1-nonenyl-	202	C15H22	034426-61-4	38
5	Benzenebutanol	150	C10H14O	003360-41-6	38





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

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Quant Title : SVOA CALIBRATION

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

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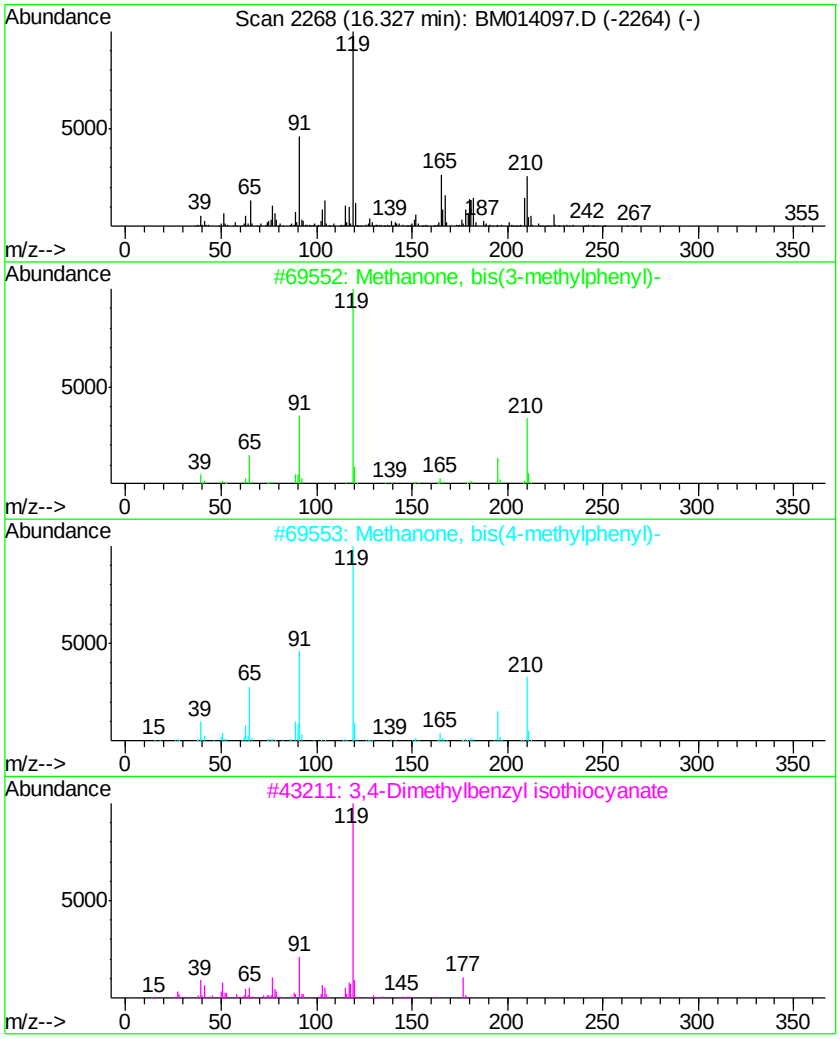
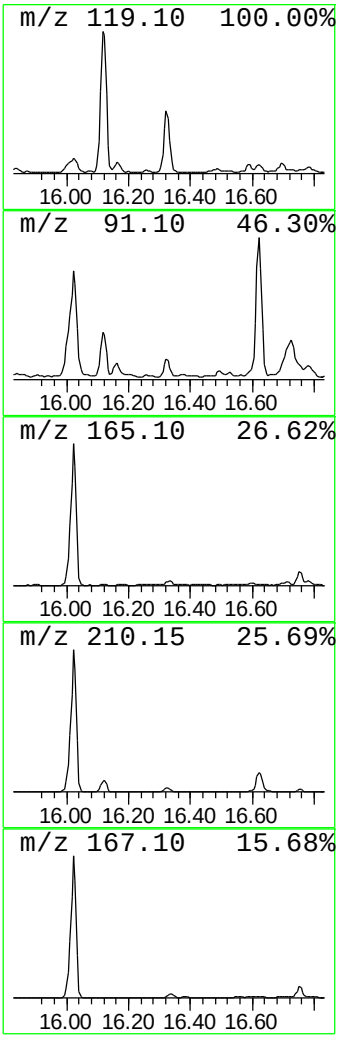
Peak Number 16 Methanone, bis(3-methylphen... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	10.37 ng/ul	2142520	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, bis(3-methylphenyl)-	210	C15H14O	002852-68-8	52
2	Methanone, bis(4-methylphenyl)-	210	C15H14O	000611-97-2	49
3	3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	45
4	Benzenepropanoic acid, .beta.,.b...	178	C11H14O2	001010-48-6	45
5	Benzoic acid, 4-methyl-, 2-methy...	192	C12H16O2	029240-30-0	43





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

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Quant Title : SVOA CALIBRATION

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

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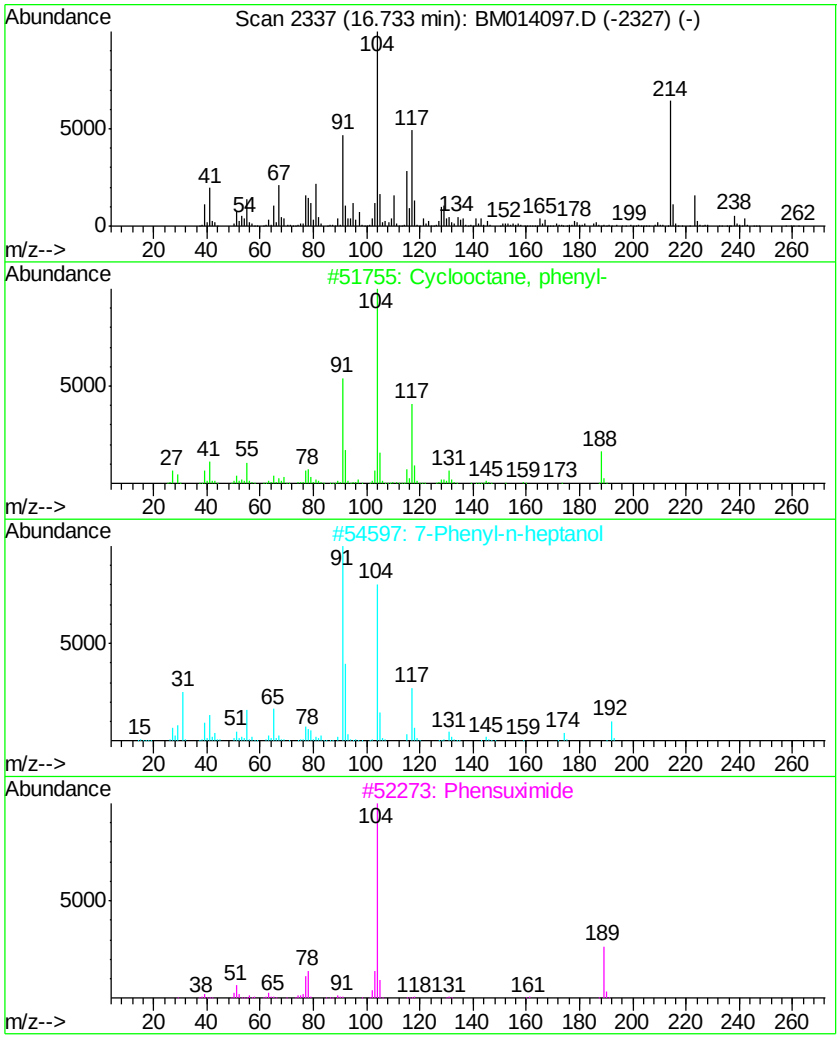
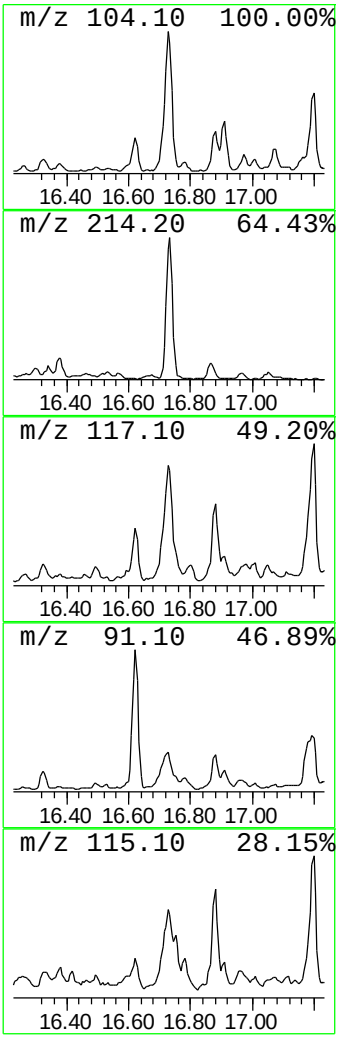
Peak Number 17 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	39.87 ng/ul	8236170	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, phenyl-	188	C14H20	016538-85-5	43
2	7-Phenyl-n-heptanol	192	C13H20O	1000342-43-8	35
3	Phensuximide	189	C11H11NO2	000086-34-0	30
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	30
5	3-Phenylthiolane,S,S-dioxide	196	C10H12O2S	016766-64-6	27





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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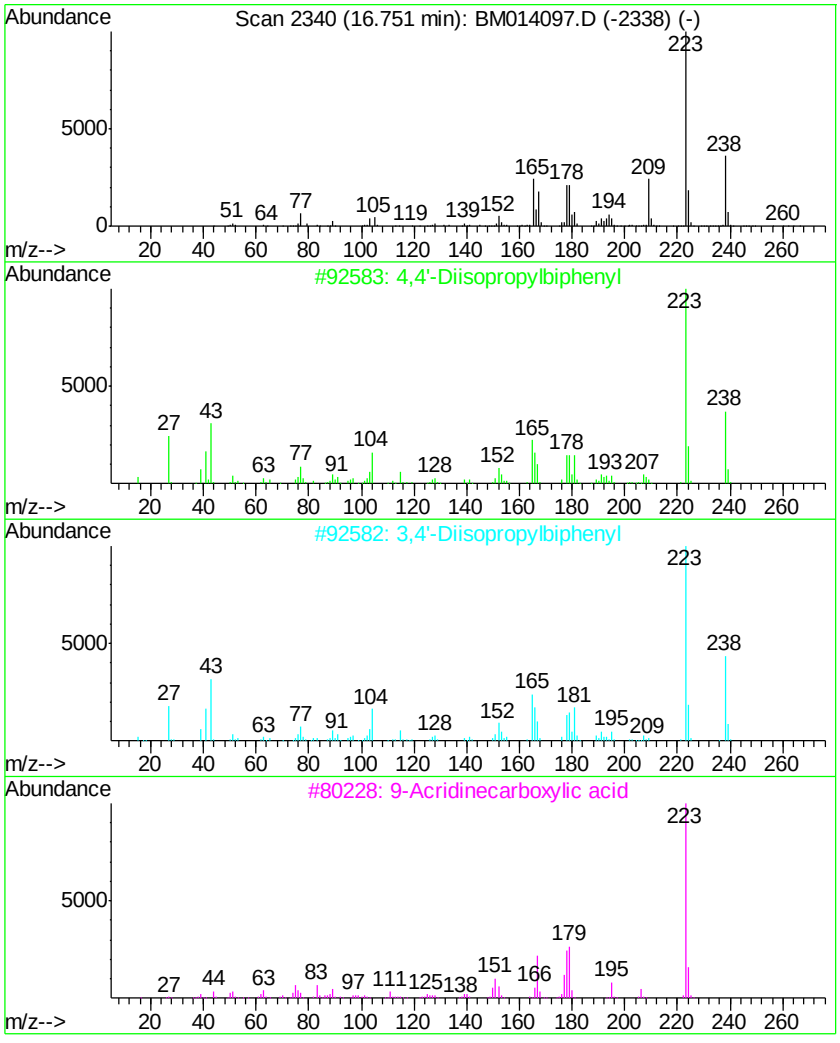
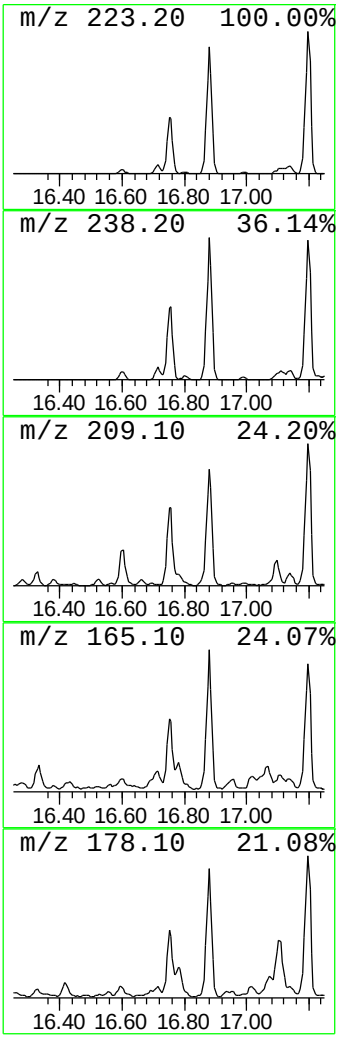
Peak Number 18 4,4'-Diisopropylbiphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	21.51 ng/ul	4443560	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	68
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	64
3	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	64
4	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	58
5	Benzenamine, N,N-dimethyl-4-(2-p...	223	C16H17N	001145-73-9	50





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Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

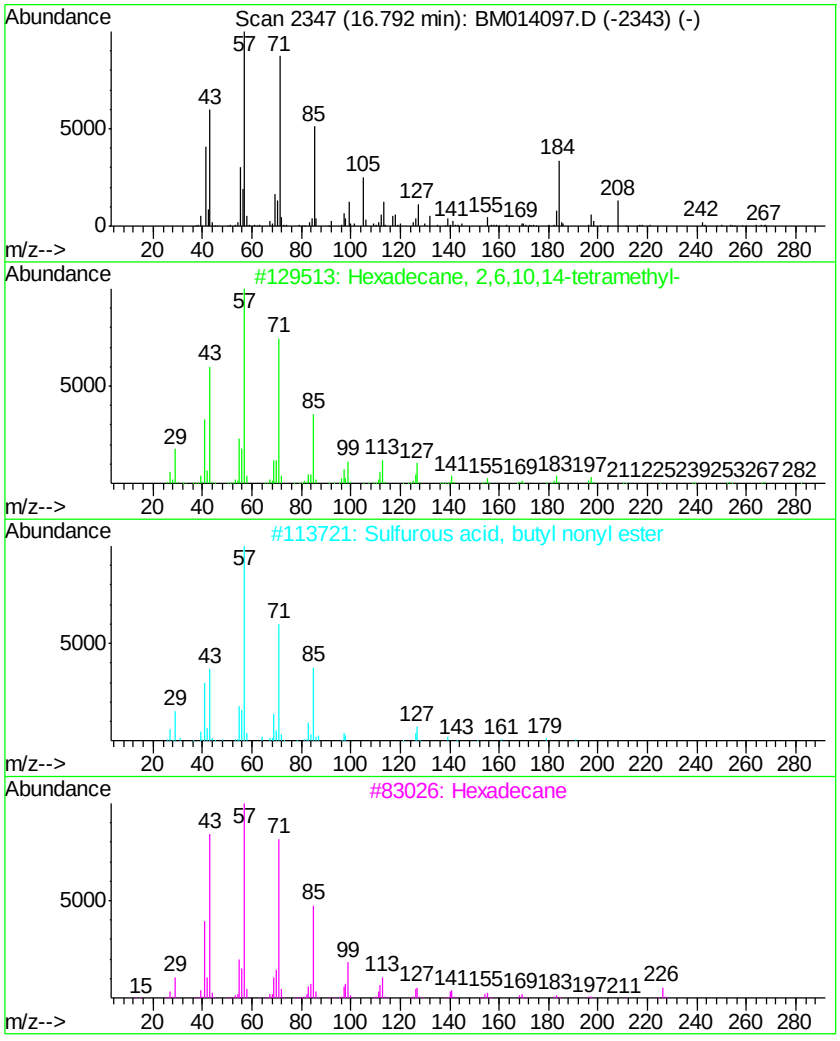
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

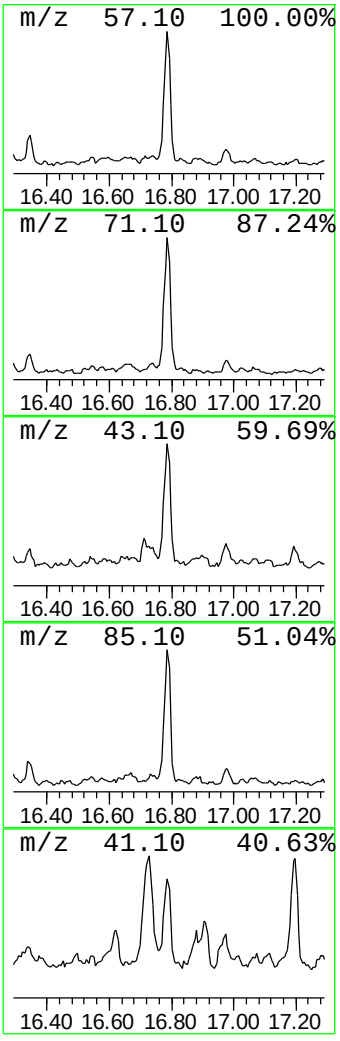
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	18.93 ng/ul	3909310	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	55
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43
3	Hexadecane	226	C16H34	000544-76-3	41
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	41
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	38





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Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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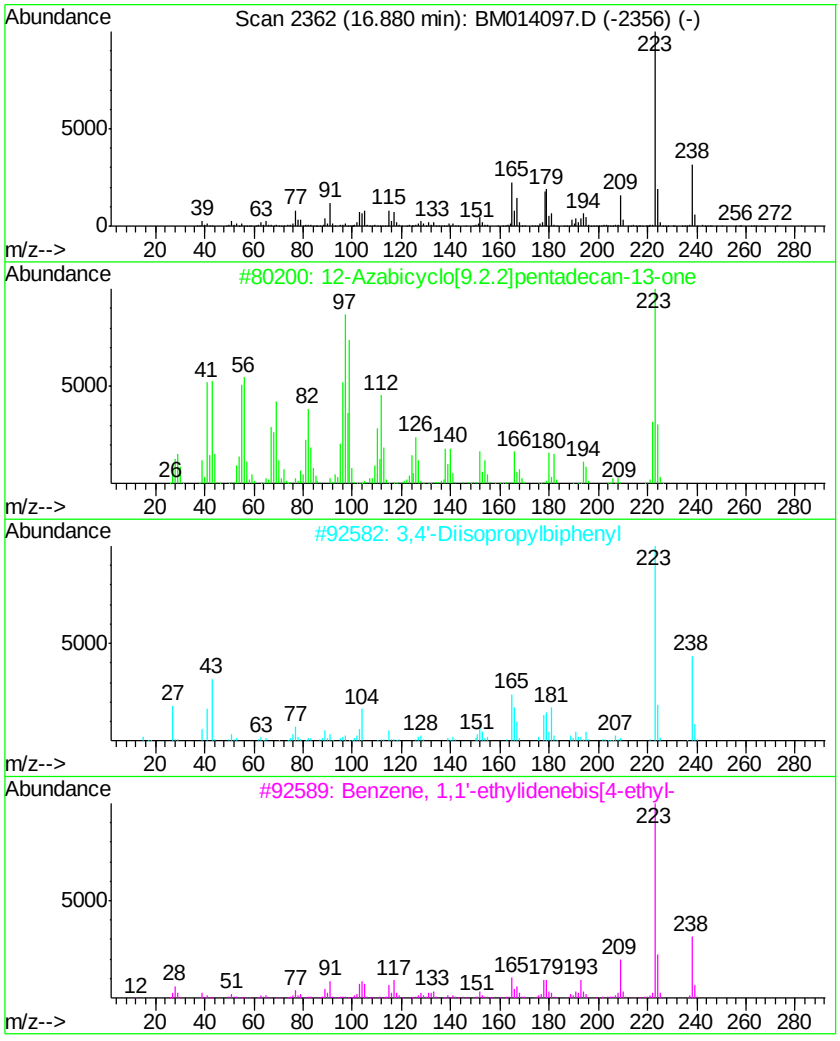
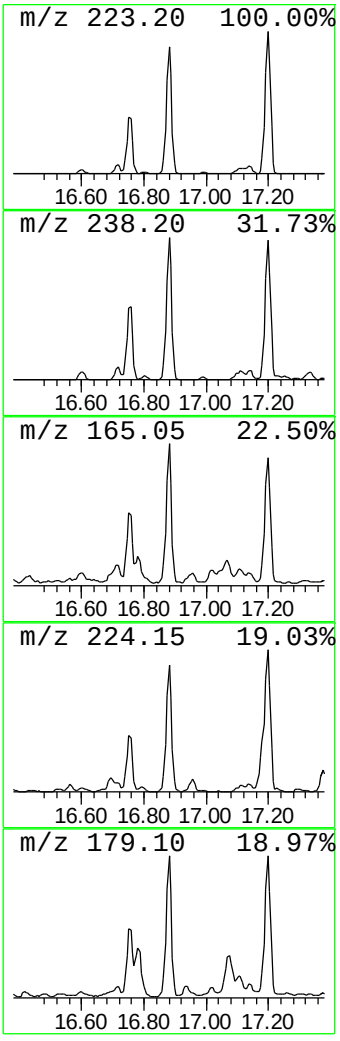
Peak Number 20 12-Azabicyclo[9.2.2]pentade... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	59.61 ng/ul	12312000	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	89
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	87
3	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	81
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	72
5	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	62





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Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

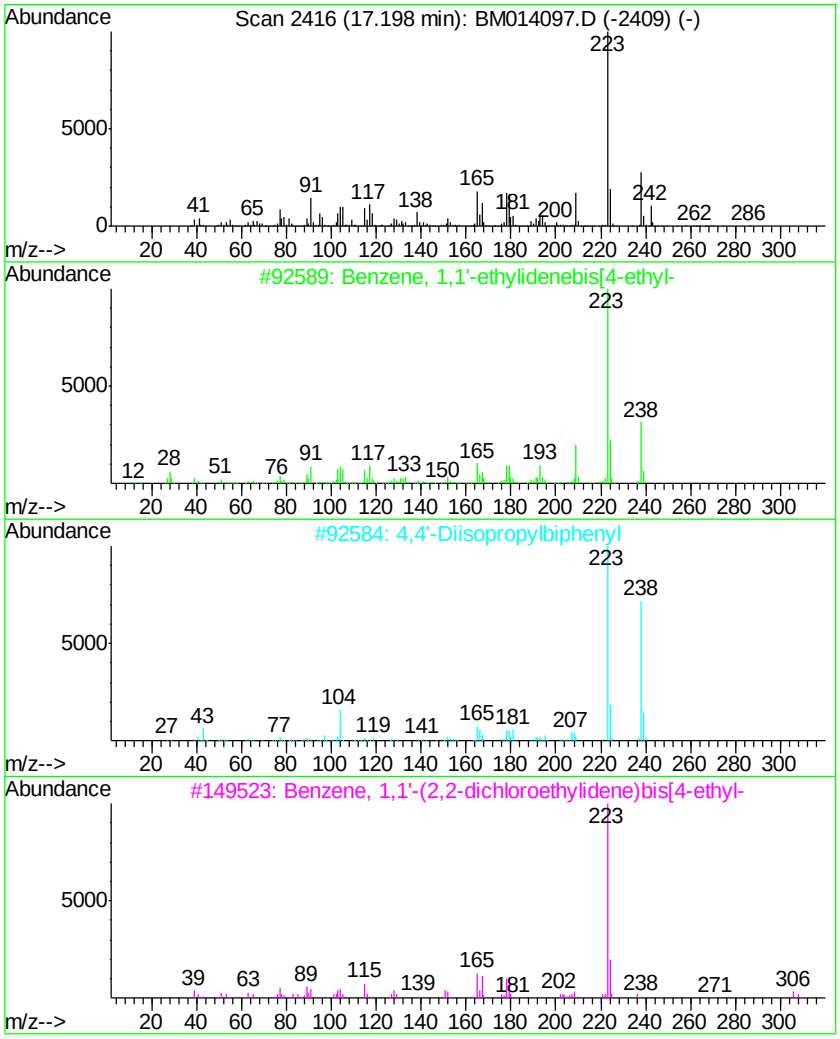
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

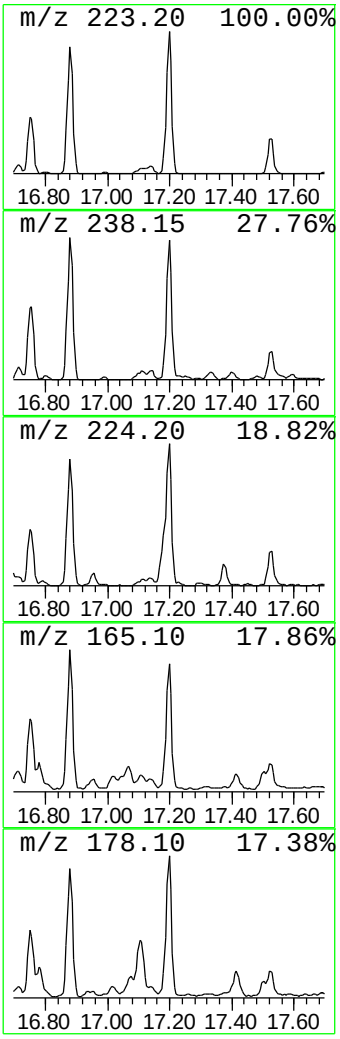
****

Peak Number 21 Benzene, 1,1'-ethylidenebis... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	78.26 ng/ul	16164500	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	90
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	80
3	Benzene, 1,1'-(2,2-dichloroethyl...	306	C18H20Cl2	000072-56-0	59
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58
5	Ethane, 1-(2,3-xylyl)-1-(3,4-xyl...	238	C18H22	002816-98-0	53





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Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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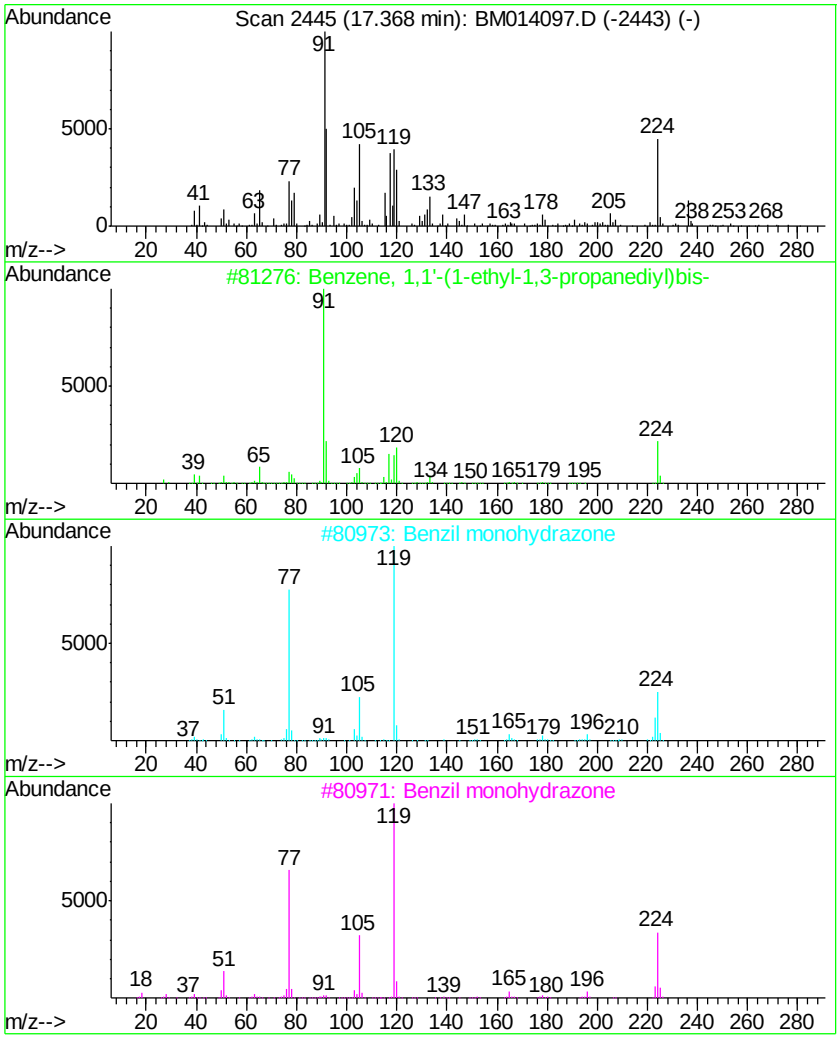
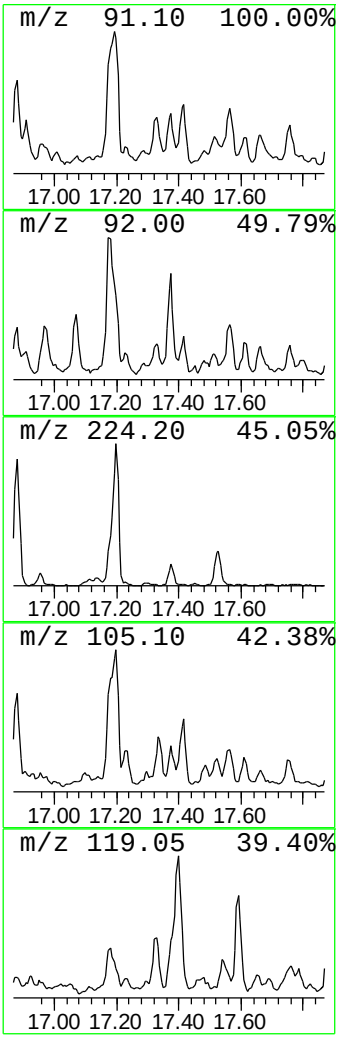
Peak Number 22 Benzene, 1,1'-(1-ethyl-1,3-... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	5.97 ng/ul	1232560	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-ethyl-1,3-propa...	224	C17H20	000838-45-9	76
2	Benzil monohydrazone	224	C14H12N2O	005344-88-7	38
3	Benzil monohydrazone	224	C14H12N2O	005344-88-7	35
4	Benzoic acid, 2-(2-phenylethenyl)-	224	C15H12O2	060901-21-5	25
5	6-Benzylaminopurine, N-pentafluo...	371	C15H10F5N5O	1000374-45-3	22





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Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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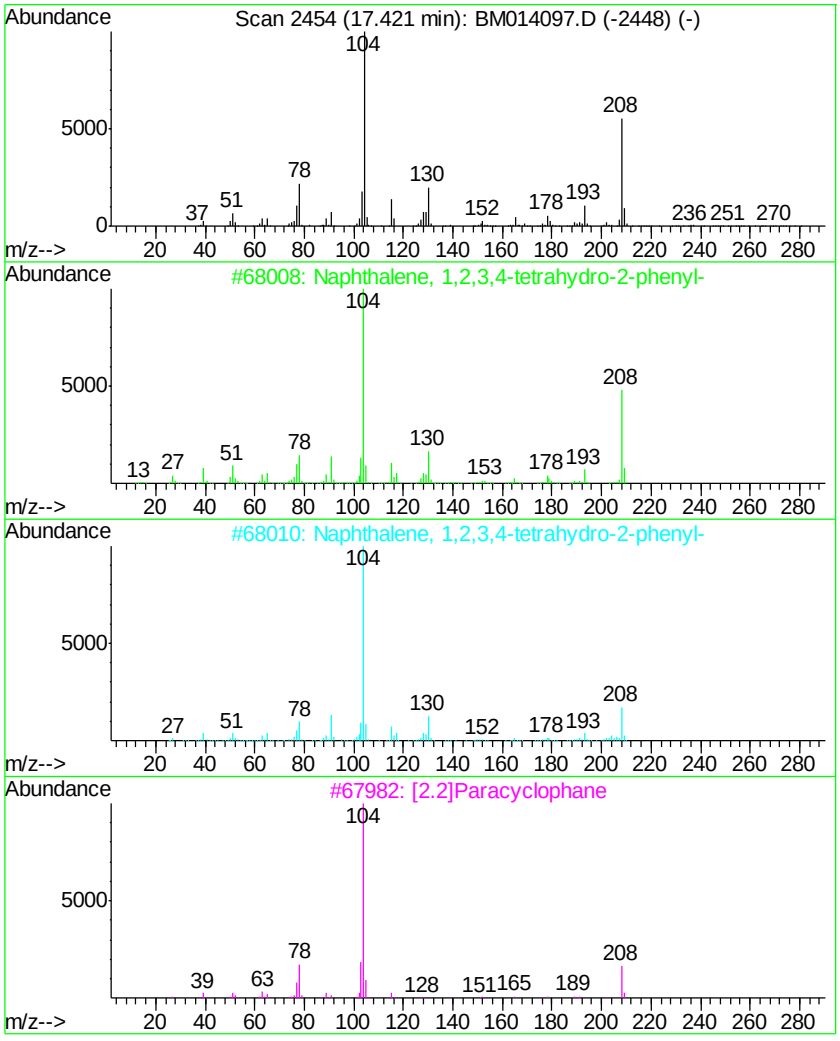
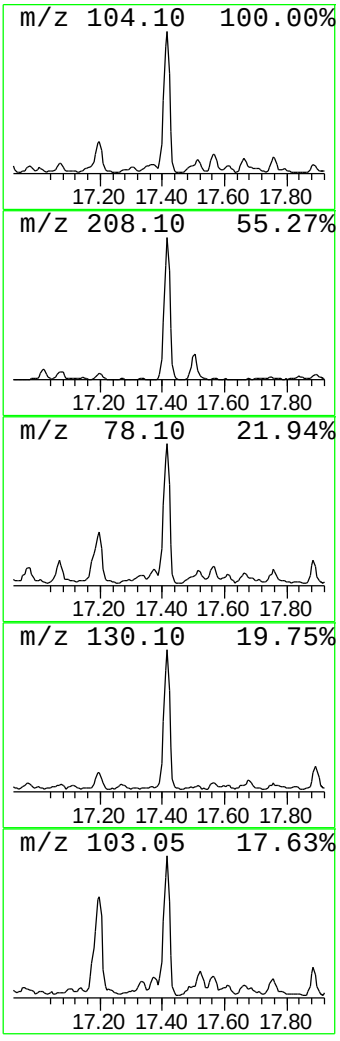
Peak Number 23 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	37.38 ng/ul	7721510	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	029422-13-7	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	029422-13-7	86
3	[2.2]Paracyclophane	208	C16H16	001633-22-3	76
4	[2.2]Paracyclophane	208	C16H16	001633-22-3	68
5	Benzenemethanol, 2-methyl-, acetate	164	C10H12O2	017373-93-2	43





Library Search Compound Report

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Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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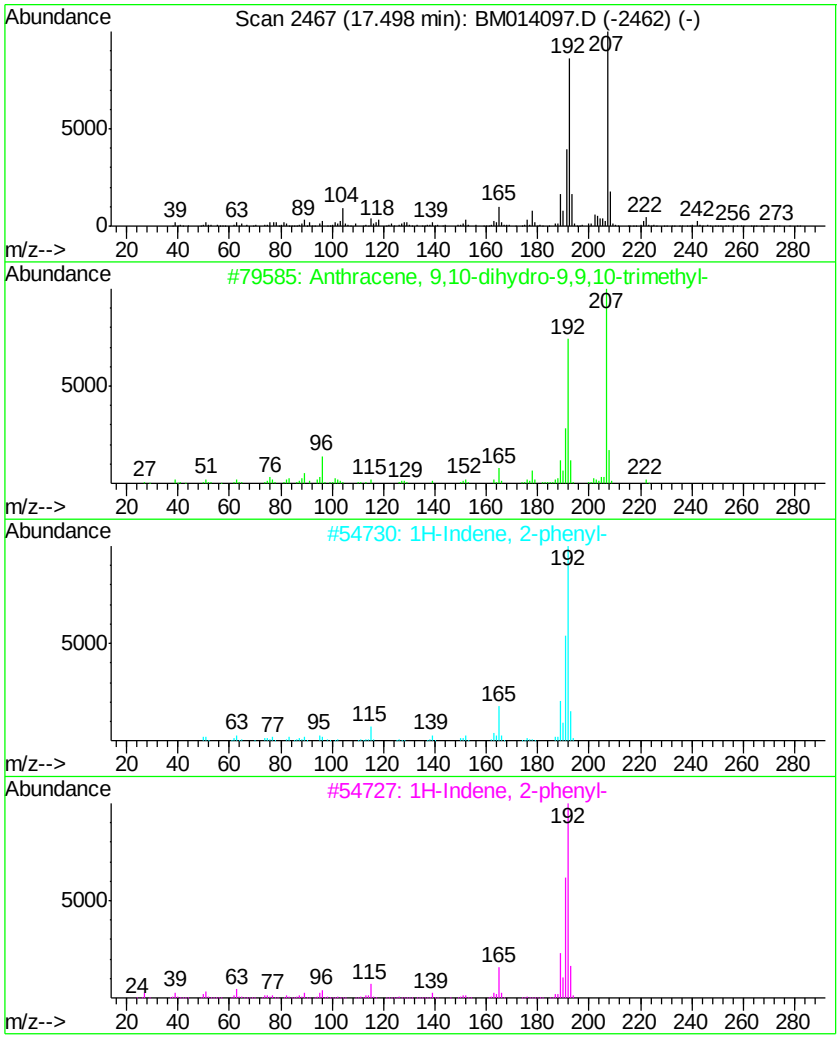
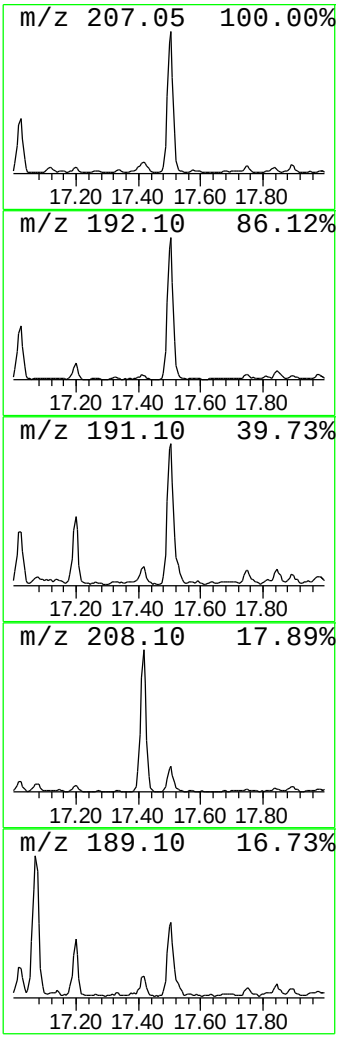
Peak Number 24 Anthracene, 9,10-dihydro-9,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	21.88 ng/ul	4518680	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-9,9,10-...	222	C17H18	014923-29-6	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	86
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50





Library Search Compound Report

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Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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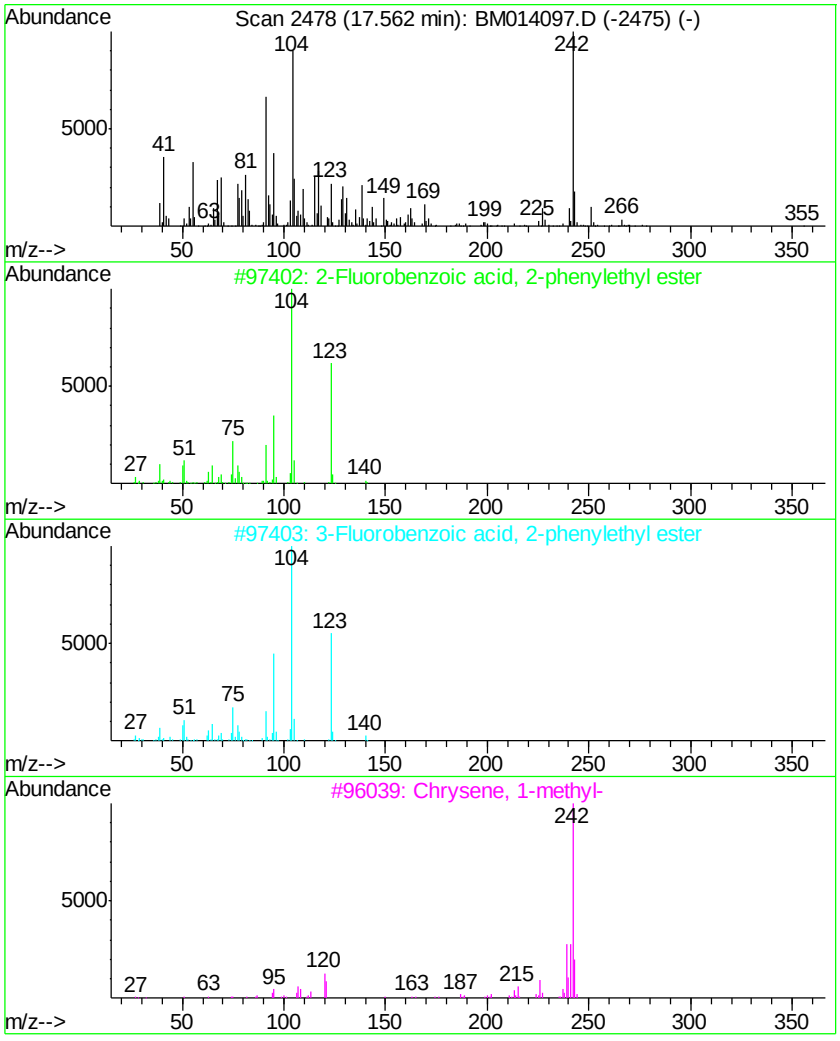
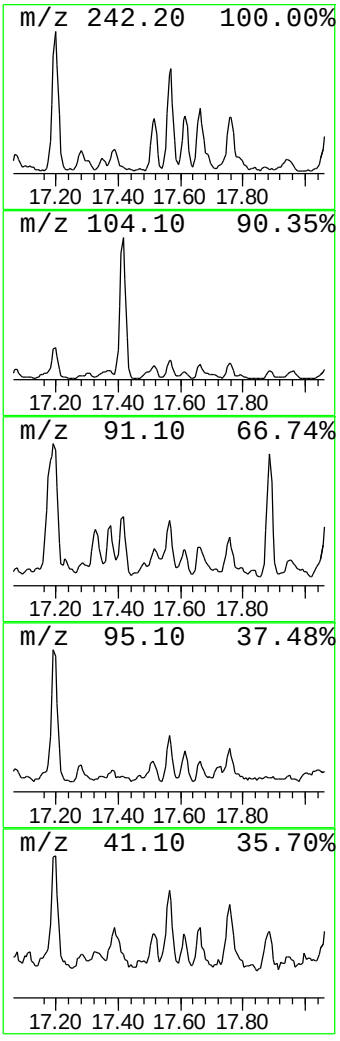
Peak Number 25 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	12.72 ng/ul	2628000	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluorobenzoic acid, 2-phenylet...	244	C15H13FO2	1000278-98-3	27
2	3-Fluorobenzoic acid, 2-phenylet...	244	C15H13FO2	1000279-04-8	27
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	25
4	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	25
5	5-Methyl-5-[(2-methylpropanoyl)a...	242	C9H14N4O2S	126552-73-6	25





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Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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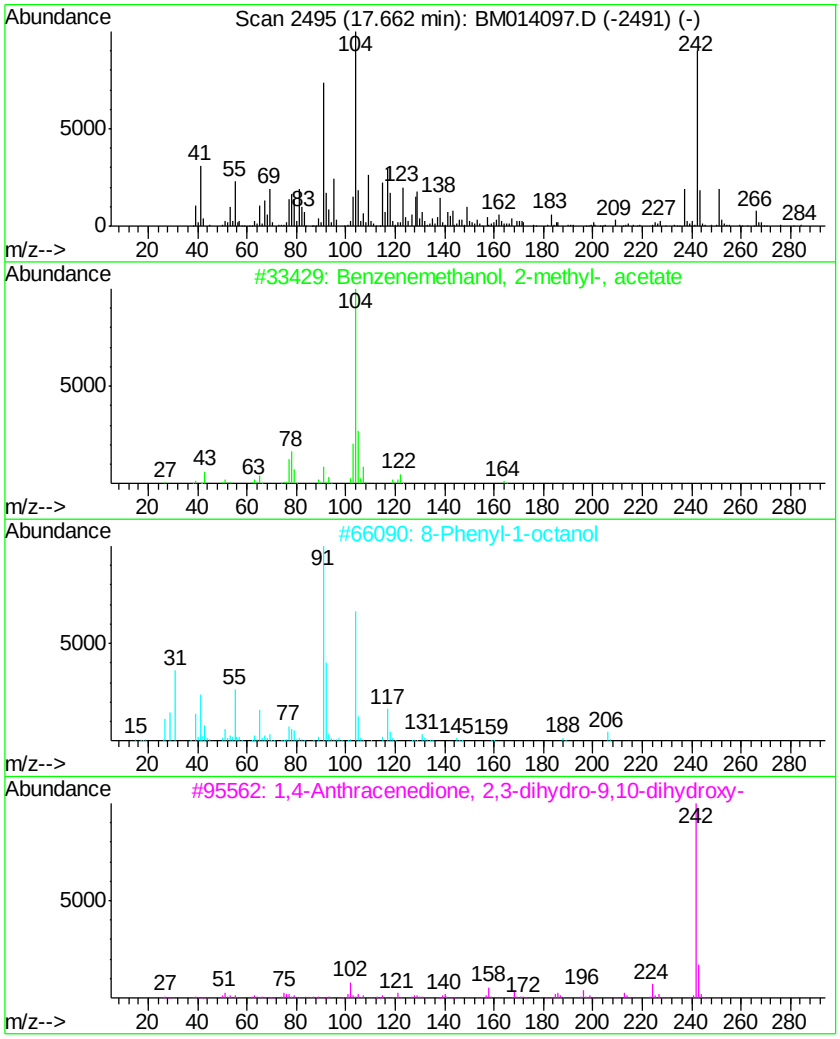
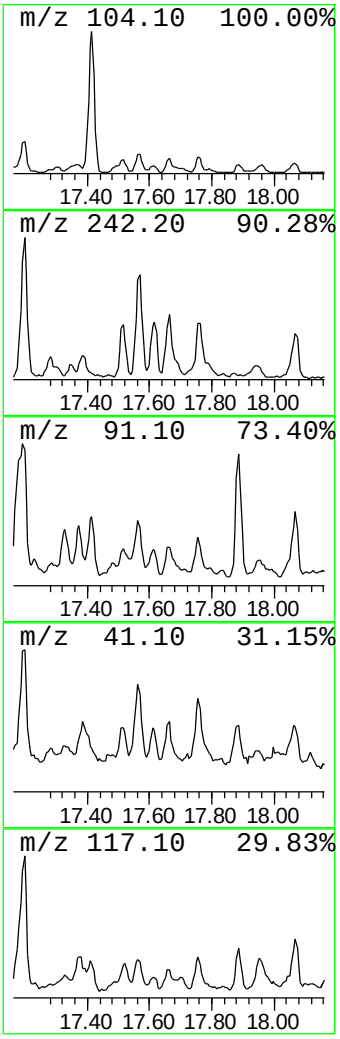
Peak Number 26 unknown-04 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	9.40 ng/ul	1940700	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 2-methyl-, acetate	164	C10H12O2	017373-93-2	25
2	8-Phenyl-1-octanol	206	C14H22O	010472-97-6	22
3	1,4-Anthracenedione, 2,3-dihydro...	242	C14H10O4	017648-03-2	18
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	18
5	Formic acid, (2-methylphenyl)met...	150	C9H10O2	1000368-93-3	15





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Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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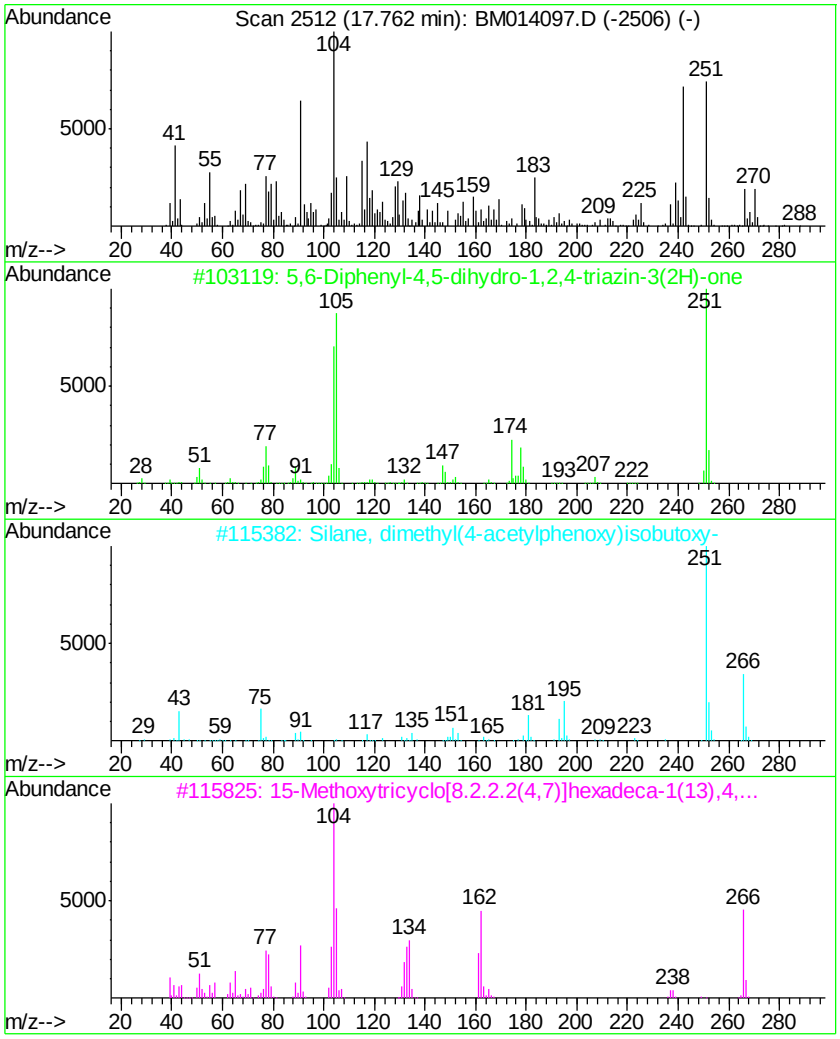
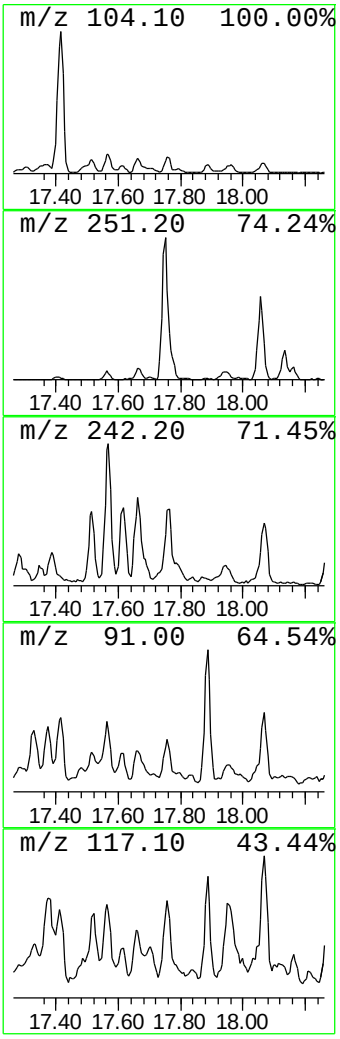
Peak Number 27 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	19.04 ng/ul	3933730	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,6-Diphenyl-4,5-dihydro-1,2,4-t...	251	C15H13N3O	013163-00-3	46
2	Silane, dimethyl(4-acetylphenoxy...	266	C14H22O3Si	1000347-30-9	38
3	15-Methoxytricyclo[8.2.2.2(4,7)]...	266	C18H18O2	1000306-65-3	35
4	1-Acetyl-2-amino-3-cyano-7-isopr...	266	C17H18N2O	1000241-32-4	22
5	2,2'-(Alpha-methylbenzylidene)bi...	266	C18H18O2	147146-62-1	22





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

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Quant Title : SVOA CALIBRATION

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

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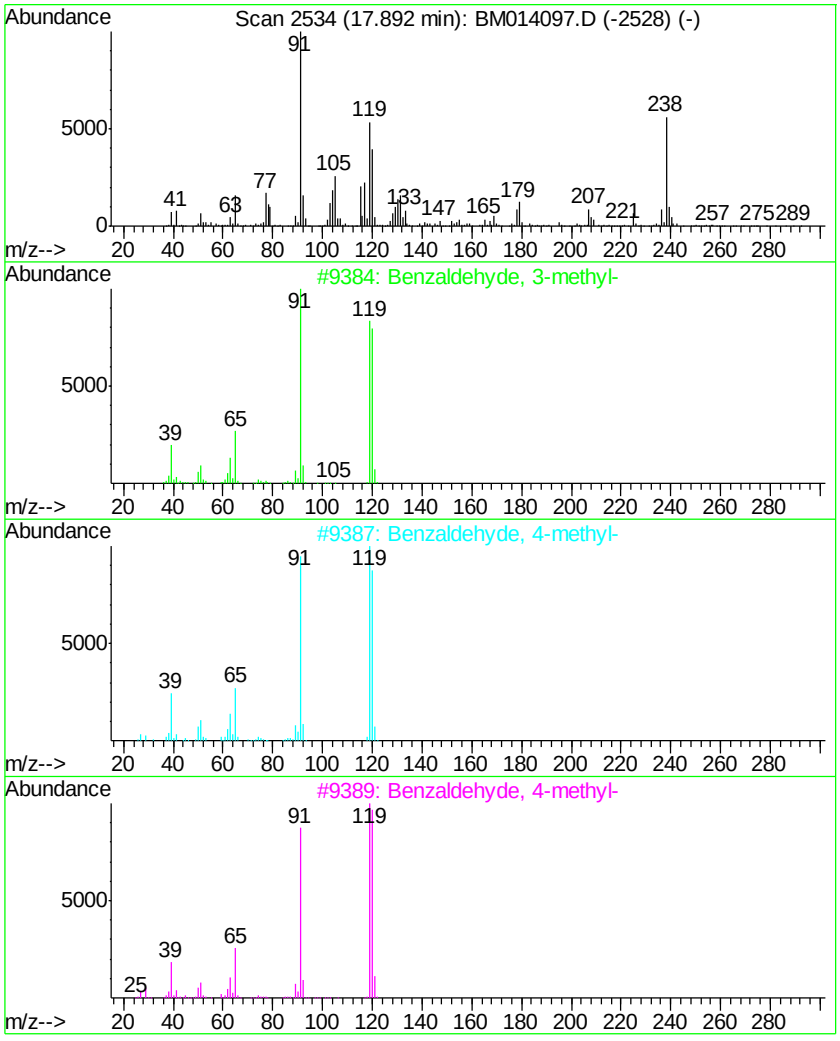
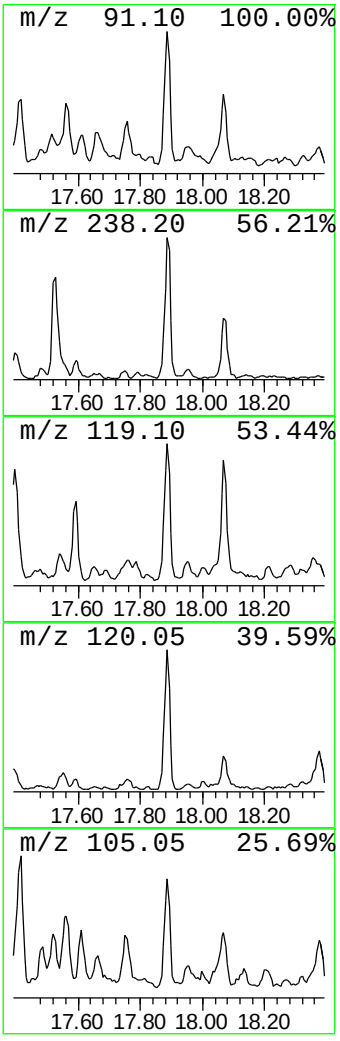
Peak Number 28 unknown-06 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	15.82 ng/ul	3267210	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	38
2	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	30
3	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	30
4	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	30
5	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	30





Library Search Compound Report

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Acq On : 02 Feb 2018 05:20
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Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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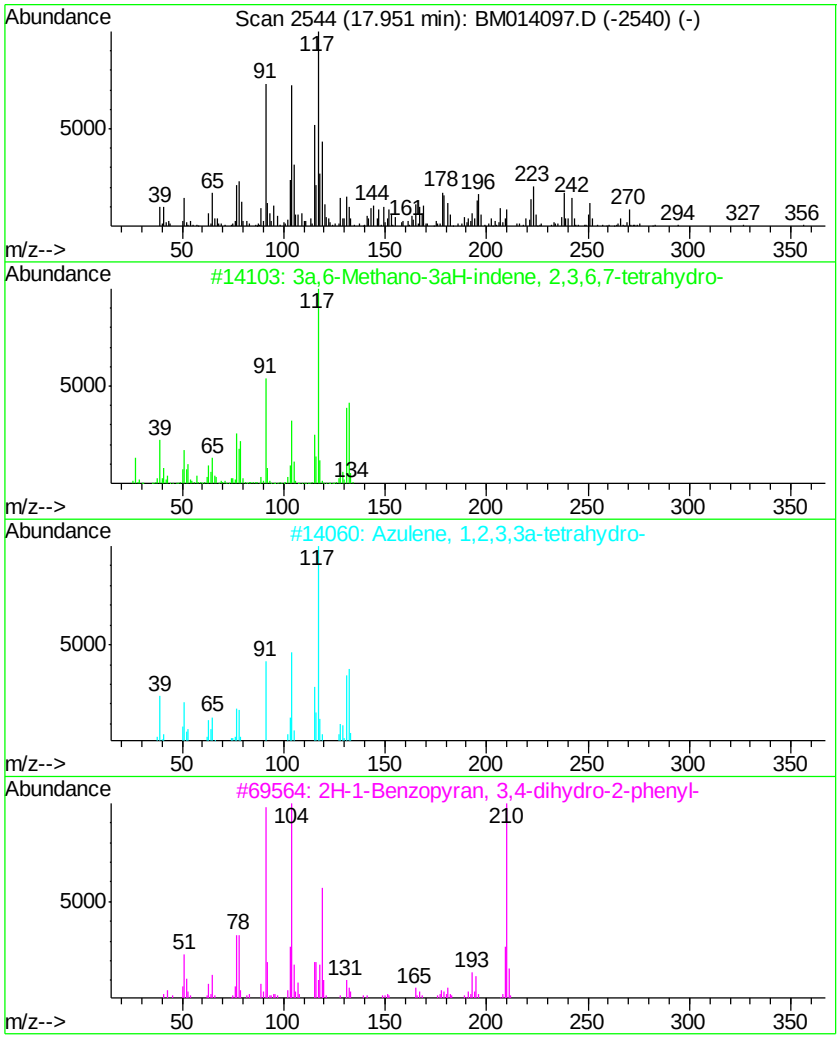
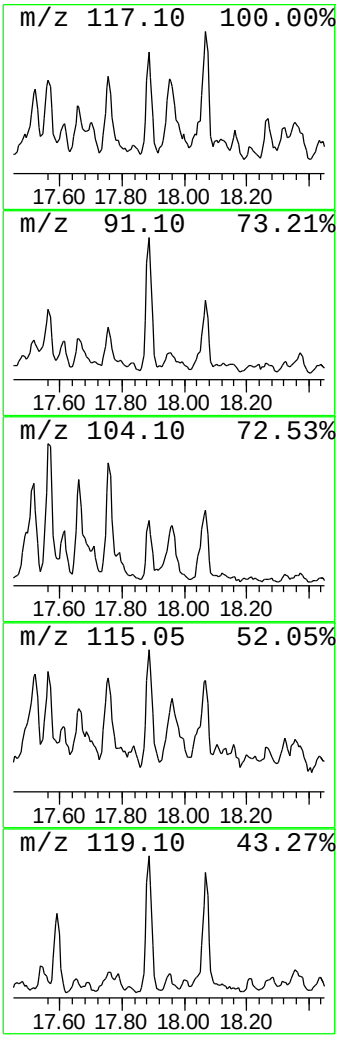
Peak Number 29 unknown-07 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	6.46 ng/ul	1334080	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	46
2	Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	45
3	2H-1-Benzopyran, 3,4-dihydro-2-p...	210	C15H14O	000494-12-2	42
4	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	42
5	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	41





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Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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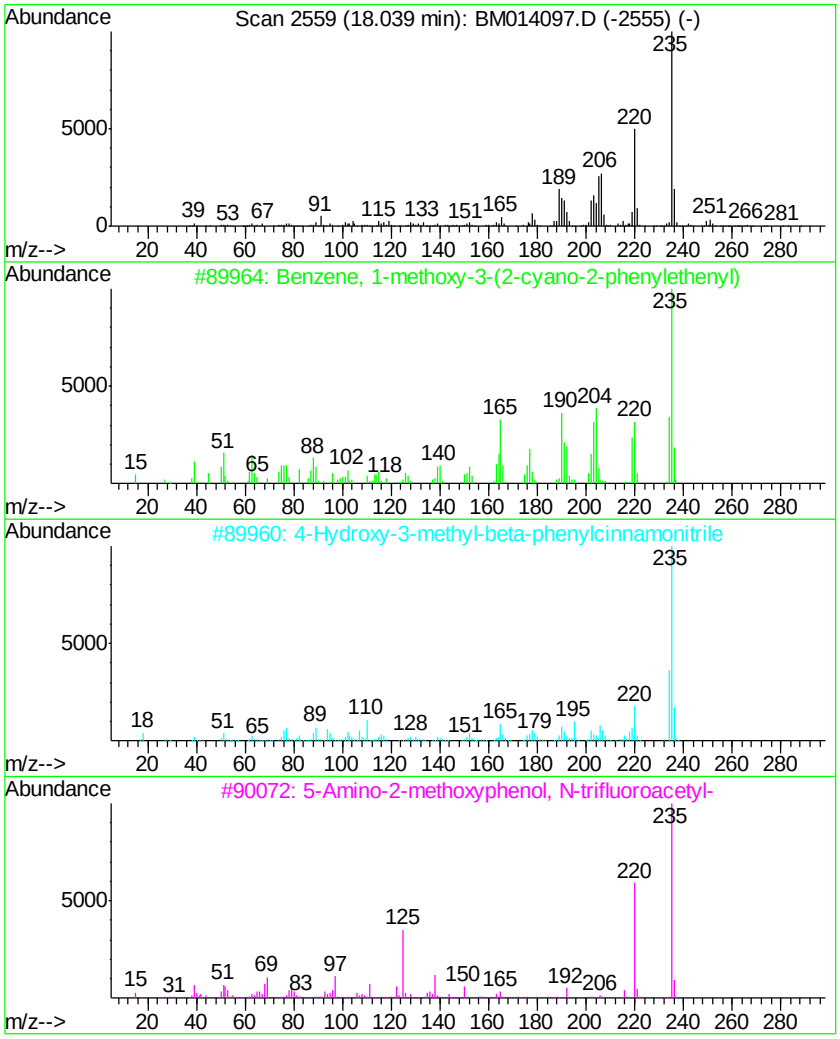
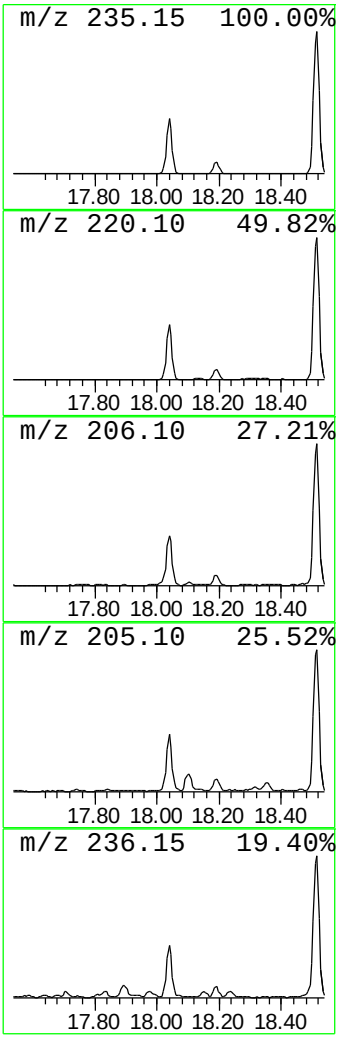
Peak Number 30 Benzene, 1-methoxy-3-(2-cya... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	18.90 ng/ul	3904850	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-3-(2-cyano-2-...	235	C16H13NO	066998-59-2	58
2	4-Hydroxy-3-methyl-beta-phenylci...	235	C16H13NO	016299-28-8	50
3	5-Amino-2-methoxyphenol, N-trifl...	235	C9H8F3NO3	1000374-88-0	47
4	Ethanedione, 1-cyano-2-ethoxy-, ...	235	C11H10FN3O2	326909-09-5	35
5	N-(4-Hydroxyphenyl)-2-naphthylamine	235	C16H13NO	000093-45-8	32





Data Path : Z:\HPCHEM1\BNA M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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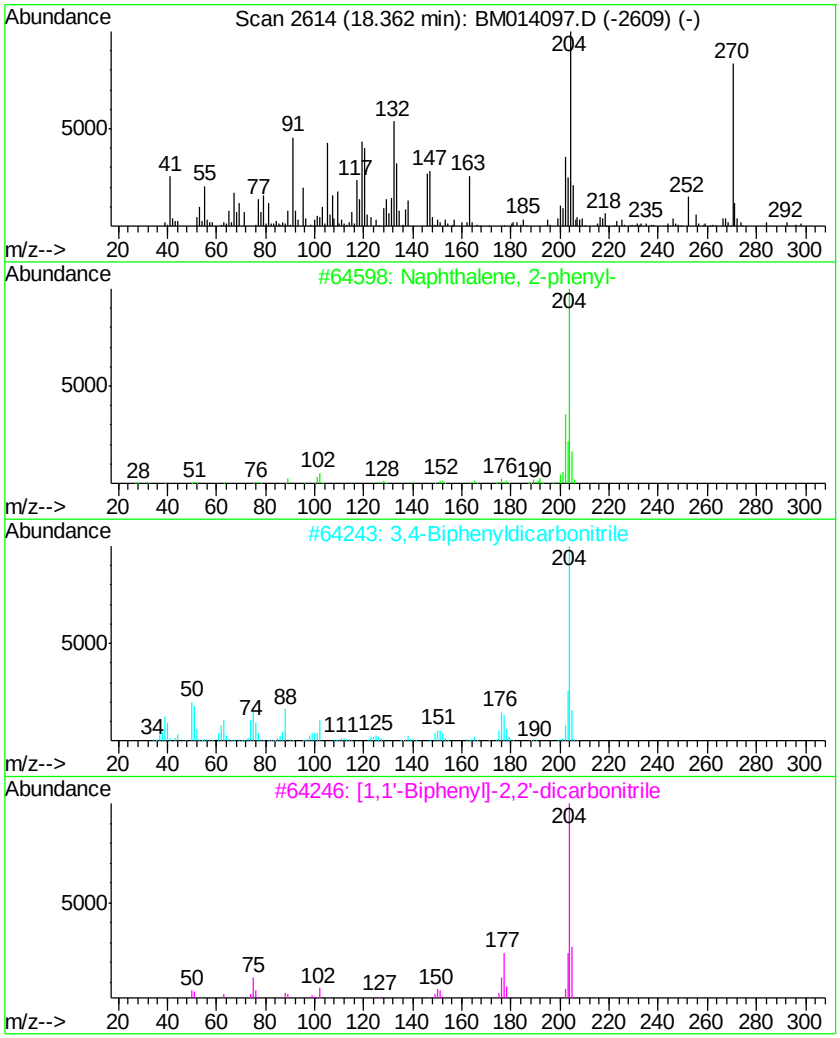
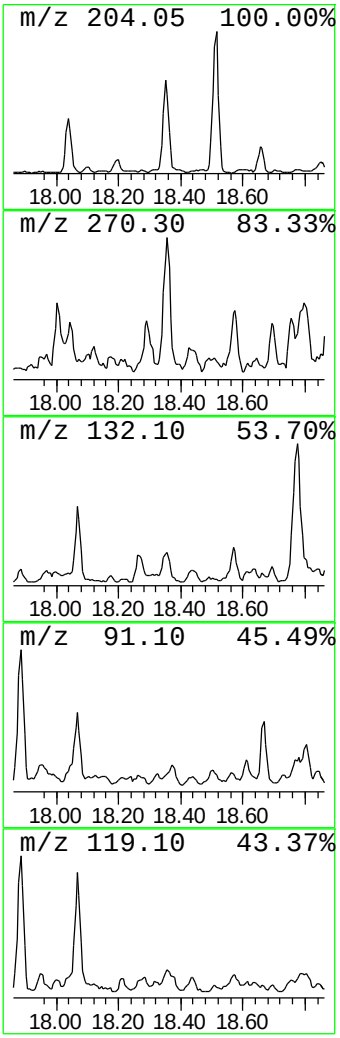
Peak Number 31 unknown-08 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	10.00 ng/ul	2065250	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	30
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	27
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	25
5	(2S,4aS,5R,8aS)-2,5-Di(penta-3,4...	271	C19H29N	220024-80-6	25





Data Path : Z:\HPCHEM1\BNA M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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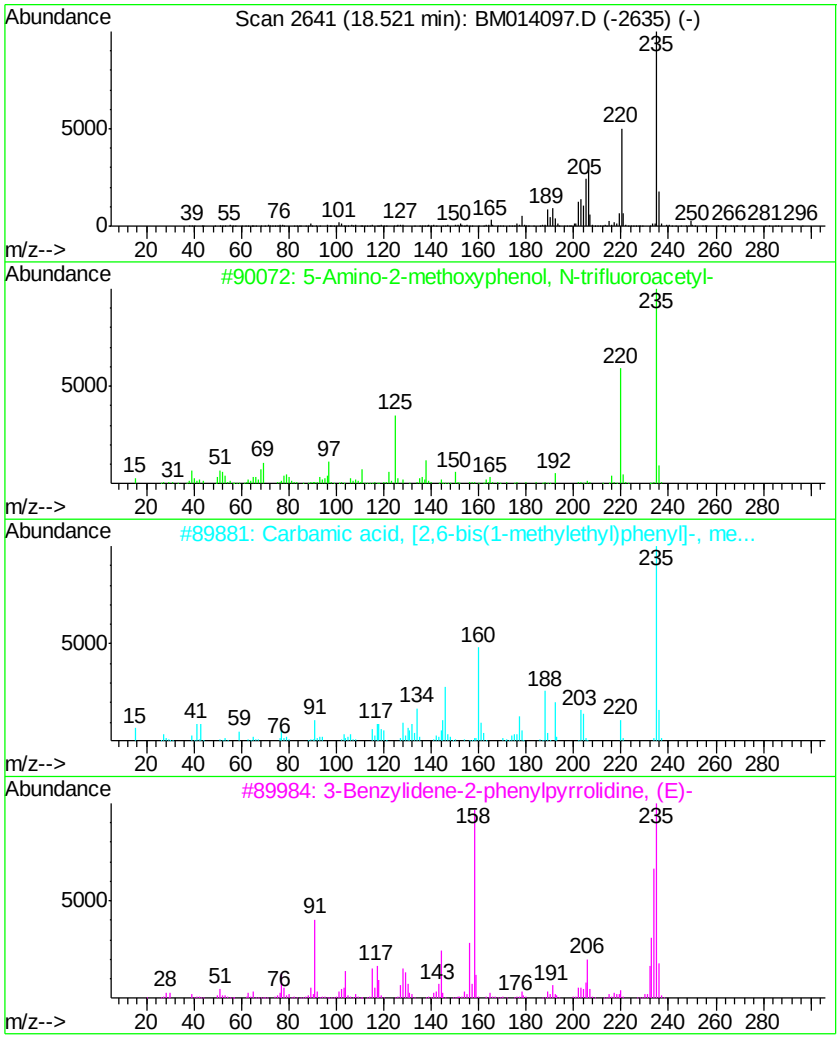
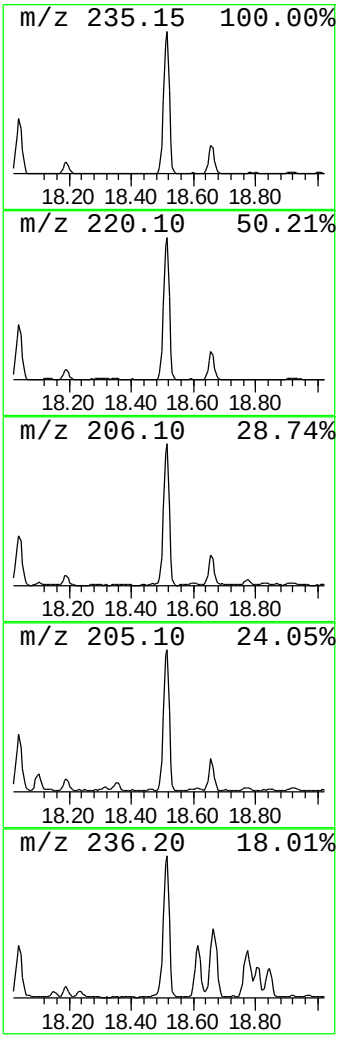
Peak Number 32 unknown-09 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	36.50 ng/ul	7540140	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-2-methoxyphenol, N-trifl...	235	C9H8F3NO3	1000374-88-0	47
2	Carbamic acid, [2,6-bis(1-methyl...	235	C14H21NO2	039076-23-8	43
3	3-Benzylidene-2-phenylpyrrolidin...	235	C17H17N	122949-15-9	43
4	Propanedinitrile, 2-[5-(methyl)(...	235	C15H13N3	014318-44-6	38
5	Quinoline, 4,8-dinitro-, 1-oxide	235	C9H5N3O5	014753-19-6	38





Data Path : Z:\HPCHEM1\BNA M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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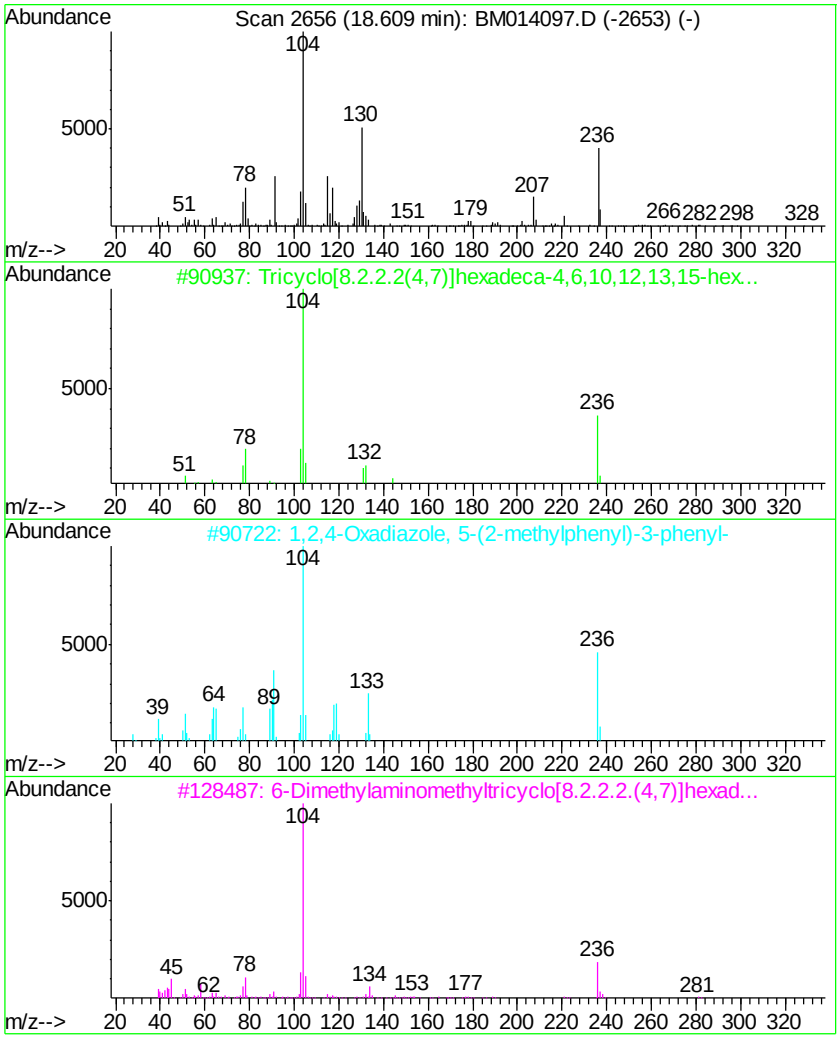
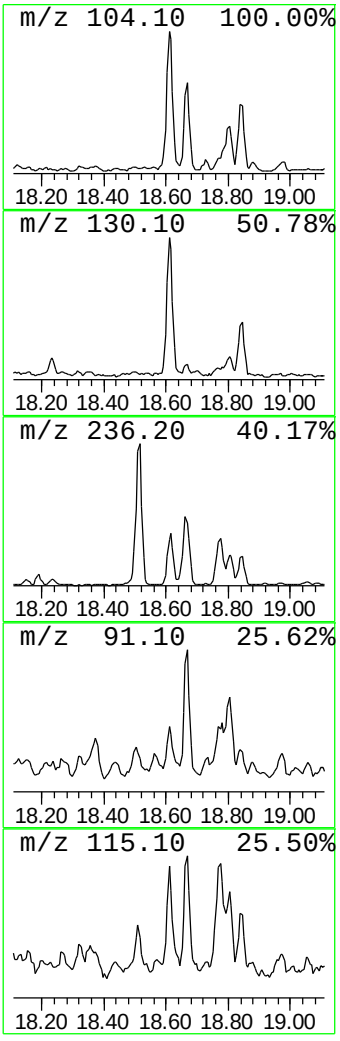
Peak Number 33 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	7.38 ng/ul	1523780	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-4...	236	C17H16O	000729-30-6	70
2	1,2,4-Oxadiazole, 5-(2-methylphe...	236	C15H12N2O	054494-15-4	43
3	6-Dimethylaminomethyltricyclo[8....	281	C19H23NO	1000306-67-8	43
4	Glutaric acid, 2-methylbenzyl pr...	278	C16H22O4	1000371-32-4	38
5	[2.2]Paracyclophane	208	C16H16	001633-22-3	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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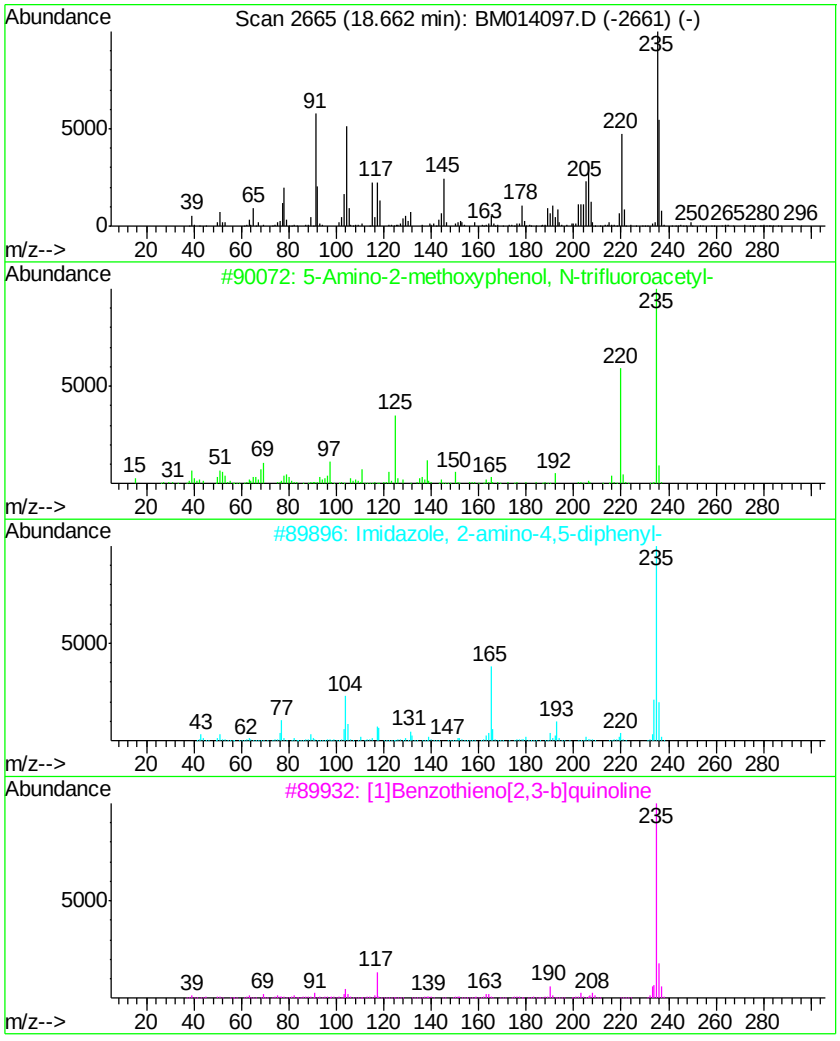
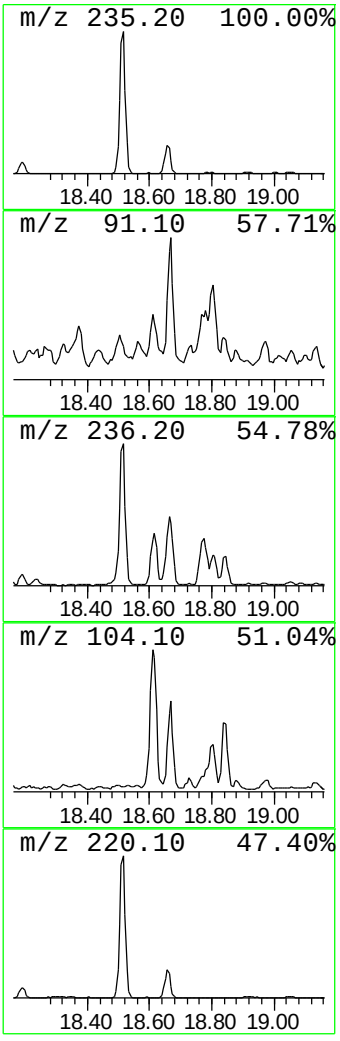
Peak Number 34 unknown-10 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	13.29 ng/ul	2744950	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-2-methoxyphenol, N-trifl...	235	C9H8F3NO3	1000374-88-0	27
2	Imidazole, 2-amino-4,5-diphenyl-	235	C15H13N3	037980-29-3	27
3	[1]Benzothieno[2,3-b]quinoline	235	C15H9NS	000243-47-0	27
4	Quinoline, 4,8-dinitro-, 1-oxide	235	C9H5N3O5	014753-19-6	22
5	4-Hydroxy-3-methyl-beta-phenylci...	235	C16H13NO	016299-28-8	22





Data Path : Z:\HPCHEM1\BNA M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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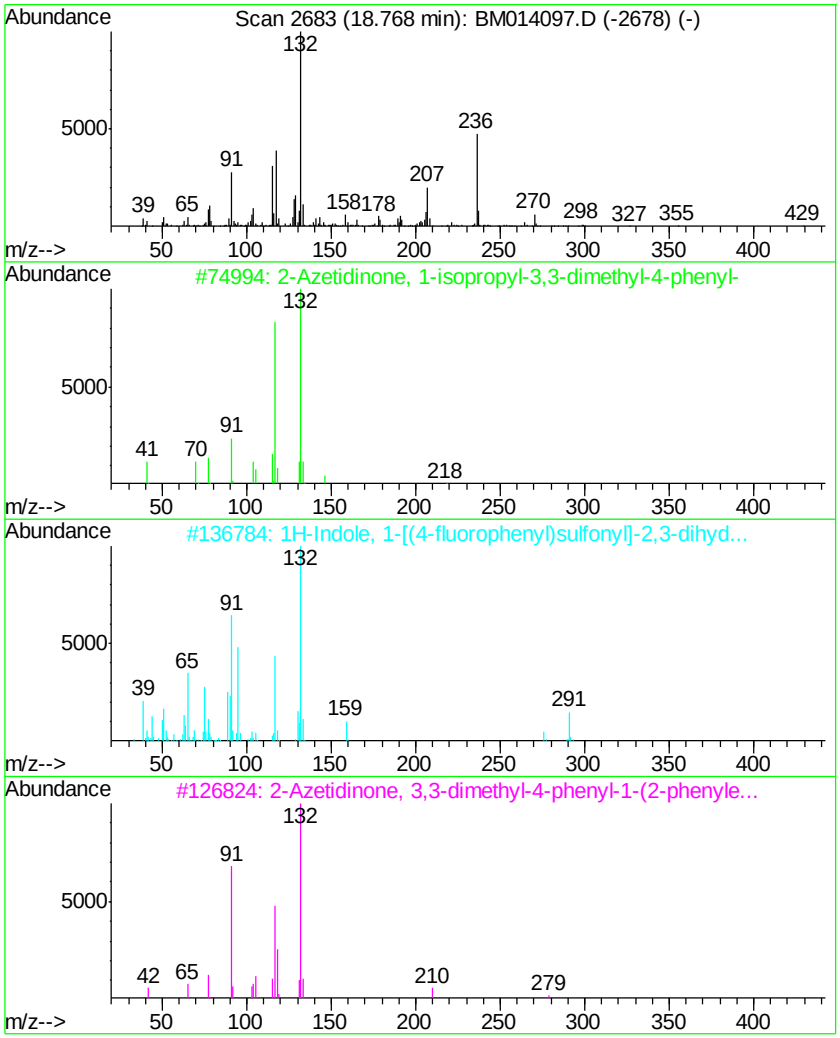
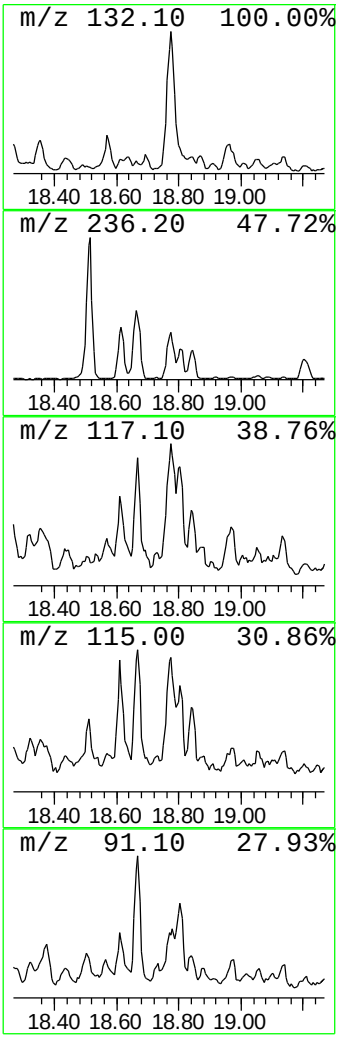
Peak Number 35 unknown-11 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	10.69 ng/ul	2207800	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Azetidinone, 1-isopropyl-3,3-d...	217	C14H19NO	029683-13-4	43
2	1H-Indole, 1-[(4-fluorophenyl)su...	291	C15H14FNO2S	1000318-80-8	37
3	2-Azetidinone, 3,3-dimethyl-4-ph...	279	C19H21NO	054965-33-2	37
4	1-Ethanone, 2-[(2,5-dimethylphen...	237	C16H15NO	1000319-31-2	35
5	N-[2-[1,2,3,4-Tetrahydro-2-quino...	258	C15H18N2O2	074274-02-5	35





Data Path : Z:\HPCHEM1\BNA M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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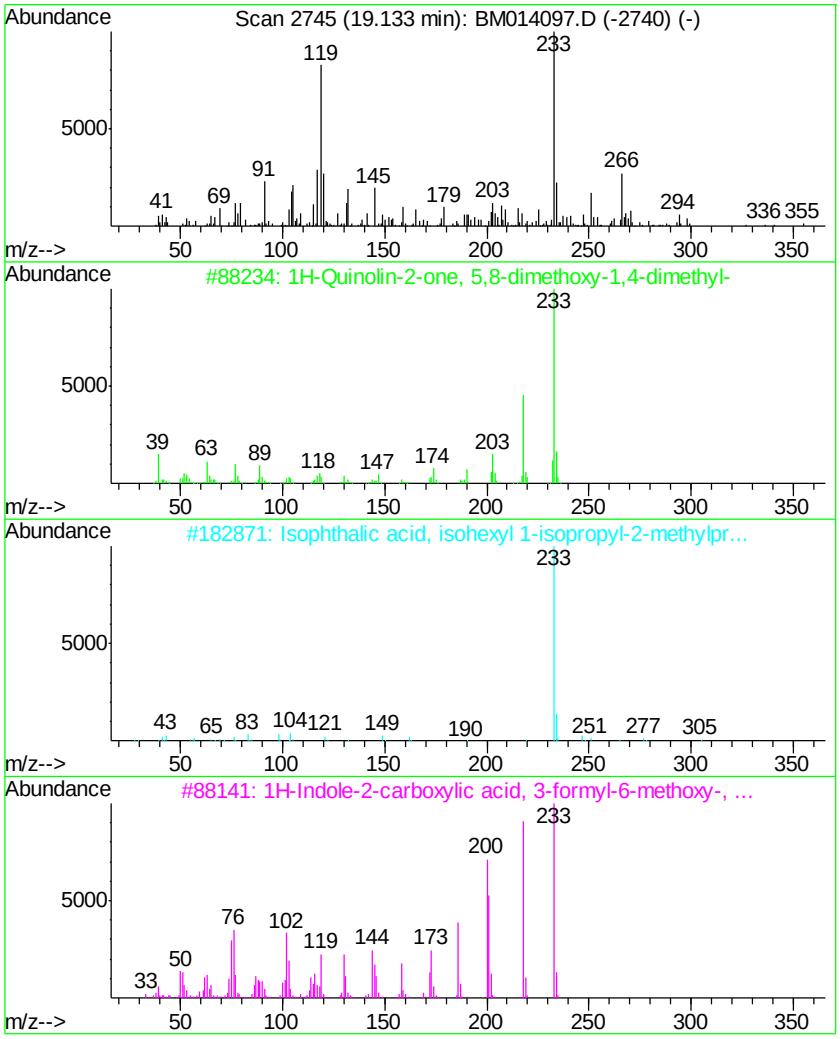
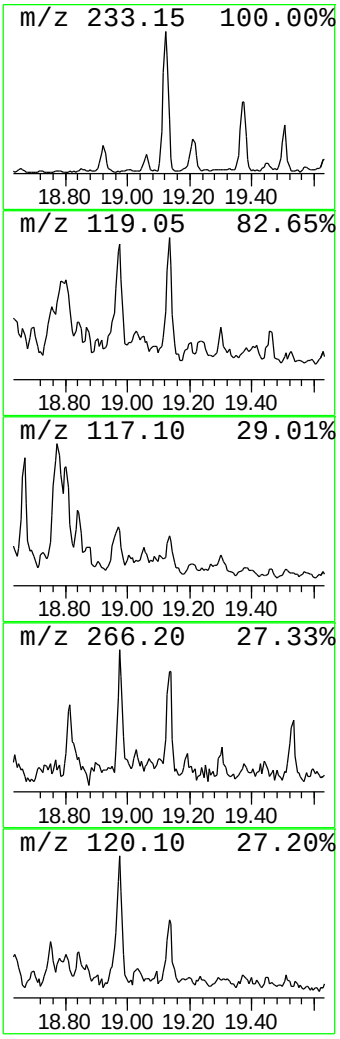
Peak Number 36 1H-Quinolin-2-one, 5,8-dime... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	9.92 ng/ul	1331370	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Quinolin-2-one, 5,8-dimethoxy...	233	C13H15NO3	1000311-04-0	53
2	Isophthalic acid, isohexyl 1-iso...	348	C21H32O4	1000356-37-1	50
3	1H-Indole-2-carboxylic acid, 3-f...	233	C12H11NO4	1000350-99-6	50
4	Isophthalic acid, isohexyl 3-met...	318	C19H26O4	1000343-93-7	50
5	2,6-Bis(1,1-dimethylethyl)-4-(1-...	262	C17H26O2	014035-34-8	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM020118\
Data File : BM014097.D
Acq On : 02 Feb 2018 05:20
Operator : SJ/JU
Sample : J1315-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C83

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,4-diet...	8.03	20.0	ng/ul	5931780	1	7.56	5931780	20.0
2'-Ethylpropiophe...	10.10	21.4	ng/ul	1764860	2	10.33	1650390	20.0
Benzene, 1,4-dime...	10.16	16.6	ng/ul	1366680	2	10.33	1650390	20.0
1-Penten-3-ol, 1-...	10.40	23.7	ng/ul	1954500	2	10.33	1650390	20.0
Benzene, 1,3,5-tr...	10.63	67.8	ng/ul	5599170	2	10.33	1650390	20.0
(DEL) Alkane: Str...	11.35	16.6	ng/ul	1369210	2	10.33	1650390	20.0
1,1'-Biphenyl, 2,...	15.70	449.1	ng/ul	92766700	4	16.97	4131090	20.0
Benzene, 1,1'-(1,...	15.78	18.2	ng/ul	3754220	4	16.97	4131090	20.0
(DEL) Alkane: Str...	15.97	26.9	ng/ul	5561440	4	16.97	4131090	20.0
(4-Acetylphenyl)p...	16.02	231.2	ng/ul	47744100	4	16.97	4131090	20.0
Methanone, bis(4-...	16.12	14.7	ng/ul	3043000	4	16.97	4131090	20.0
unknown-01	16.16	11.4	ng/ul	2364530	4	16.97	4131090	20.0
Methanone, bis(3-...	16.33	10.4	ng/ul	2142520	4	16.97	4131090	20.0
unknown-02	16.73	39.9	ng/ul	8236170	4	16.97	4131090	20.0
4,4'-Diisopropylb...	16.75	21.5	ng/ul	4443560	4	16.97	4131090	20.0
(DEL) Alkane: Str...	16.79	18.9	ng/ul	3909310	4	16.97	4131090	20.0
12-Azabicyclo[9.2...	16.88	59.6	ng/ul	12312000	4	16.97	4131090	20.0
Benzene, 1,1'-eth...	17.20	78.3	ng/ul	16164500	4	16.97	4131090	20.0
Benzene, 1,1'-(1-...	17.37	6.0	ng/ul	1232560	4	16.97	4131090	20.0
Naphthalene, 1,2,...	17.42	37.4	ng/ul	7721510	4	16.97	4131090	20.0
Anthracene, 9,10-...	17.50	21.9	ng/ul	4518680	4	16.97	4131090	20.0
unknown-03	17.56	12.7	ng/ul	2628000	4	16.97	4131090	20.0
unknown-04	17.66	9.4	ng/ul	1940700	4	16.97	4131090	20.0
unknown-05	17.76	19.0	ng/ul	3933730	4	16.97	4131090	20.0
unknown-06	17.89	15.8	ng/ul	3267210	4	16.97	4131090	20.0
unknown-07	17.95	6.5	ng/ul	1334080	4	16.97	4131090	20.0
Benzene, 1-methox...	18.04	18.9	ng/ul	3904850	4	16.97	4131090	20.0
unknown-08	18.36	10.0	ng/ul	2065250	4	16.97	4131090	20.0
unknown-09	18.52	36.5	ng/ul	7540140	4	16.97	4131090	20.0
Tricyclo[8.2.2.2(...	18.61	7.4	ng/ul	1523780	4	16.97	4131090	20.0
unknown-10	18.66	13.3	ng/ul	2744950	4	16.97	4131090	20.0
unknown-11	18.77	10.7	ng/ul	2207800	4	16.97	4131090	20.0
1H-Quinolin-2-one...	19.13	9.9	ng/ul	1331370	5	21.17	2685350	20.0