LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	5.846	504	512	524	rBV	533549	1233085	11.77%	0.365%
2	7.380	766	773	780	rVV2	615961	1495737	14.28%	0.443%
3	7.873	852	857	866	rVB	846436	1491819	14.24%	0.442%
4	8.878	1017	1028	1033	rBV2	573114	1254244	11.97%	0.371%
5	8.937	1033	1038	1045	rVB	598288	1123857	10.73%	0.333%
6	9.342	1097	1107	1115	rVV6	400087	1355728	12.94%	0.401%
7	9.430	1115	1122	1130	rVV4	896948	2097296	20.02%	0.621%
8	9.724	1167	1172	1178	rVV2	689079	1598647	15.26%	0.473%
9	9.795	1178	1184	1193	rVB	1671046	3024155	28.87%	0.895%
10	10.147	1231	1244	1251	rBV6	518665	1510809	14.42%	0.447%
11	10.223	1251	1257	1260	rBV2	1152087	2234477	21.33%	0.661%
12	10.488	1289	1302	1307	rBV6	1998197	6533122	62.36%	1.934%
13	10.529	1307	1309	1314	rVV	1230791	1963573	18.74%	0.581%
14	10.693	1330	1337	1342	rVB3	1261239	2389549	22.81%	0.707%
15	10.881	1362	1369	1373	rBV4	695738	1593406	15.21%	0.472%
16	11.122	1405	1410	1416	rVB	1377645	2333417	22.27%	0.691%
17	11.205	1416	1424	1433	rBV3	1390941	2907224	27.75%	0.861%
18	11.305	1436	1441	1454	rVB3	1455381	4858637	46.38%	1.438%
19	11.428	1454	1462	1466	rBV4	1816425	4231295	40.39%	1.252%
20	11.475	1466	1470	1477	rVV2	3290871	6299739	60.13%	1.865%
21	11.540	1477	1481	1485	rVB	857552	1273058	12.15%	0.377%
22	11.592	1485	1490	1495	rVB	1671810	2712318	25.89%	0.803%
23	11.663	1495	1502	1508	rVB2	926816	2296870	21.92%	0.680%
24	11.886	1533	1540	1550	rBV2	5501903	10476731	100.00%	3.101%
25	12.074	1567	1572	1576	rBV2	1558054	2981487	28.46%	0.883%
26	12.133	1577	1582	1590	rVB2	901799	1995081	19.04%	0.591%
27	12.268	1597	1605	1611	rVB4	1097938	3058964	29.20%	0.905%
28	12.433	1628	1633	1644	rVB3	1392521	3297146	31.47%	0.976%
29	12.597	1651	1661	1670	rVB6	1095893	3644577	34.79%	1.079%
30	12.715	1675	1681	1685	rBV	4843918	8750032	83.52%	2.590%
31	12.756	1685	1688	1691	rVB2	1499071	1751177	16.71%	0.518%
32	12.832	1698	1701	1704	rBV2	825151	1207241	11.52%	0.357%
33	12.873	1705	1708	1713	rVB2	1858557	3075787	29.36%	0.910%
34	12.932	1713	1718	1726	rVB	3454902	5986233	57.14%	1.772%

LSC Area Percent Report

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Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	13.014	1726	1732	1736	rBV	2164327	3957066	37.77%	1.171%
36	13.055	1736	1739	1743	rVB2	1040615	1344649	12.83%	0.398%
37	13.102	1743	1747	1751	rBV3	1063230	1806550	17.24%	0.535%
38	13.220	1762	1767	1771	rBV4	1116770	1909697	18.23%	0.565%
39	13.279	1772	1777	1786	rVV7	1491800	3159002	30.15%	0.935%
40	13.355	1786	1790	1795	rBV4	879014	1448696	13.83%	0.429%
41	13.408	1796	1799	1803	rVB2	842812	1158292	11.06%	0.343%
42	13.590	1817	1830	1835	rBV4	1709562	5582928	53.29%	1.653%
43	13.649	1835	1840	1845	rVV5	2217929	3905268	37.28%	1.156%
44	13.702	1845	1849	1853	rVV	1066471	1508953	14.40%	0.447%
45	13.843	1862	1873	1878	rBV4	1201603	4873916	46.52%	1.443%
46	13.901	1878	1883	1891	rVB4	1569579	3977763	37.97%	1.177%
47	14.054	1897	1909	1920	rVB4	2807954	9074752	86.62%	2.686%
48	14.189	1920	1932	1937	rBV2	3624798	8124851	77.55%	2.405%
49	14.248	1937	1942	1949	rVB3	4027262	7561711	72.18%	2.238%
50	14.354	1956	1960	1964	rBV4	844073	1514750	14.46%	0.448%
51	14.430	1965	1973	1979	rVV6	1612460	3737389	35.67%	1.106%
52	14.507	1983	1986	1990	rVB2	1337746	1672853	15.97%	0.495%
53	14.577	1990	1998	2004	rBV5	2143968	6919971	66.05%	2.048%
54	14.642	2005	2009	2013	rVB4	995063	1528417	14.59%	0.452%
55	14.718	2014	2022	2027	rBV2	2590094	4199635	40.09%	1.243%
56	14.830	2036	2041	2045	rBV	3509173	5848093	55.82%	1.731%
57	14.906	2045	2054	2071	rVB6	2515094	8465830	80.81%	2.506%
58	15.053	2075	2079	2082	rBV4	1074689	1771916	16.91%	0.524%
59	15.094	2082	2086	2091	rVB5	1840543	2768048	26.42%	0.819%
60	15.159	2092	2097	2106	rVB	2228376	3698583	35.30%	1.095%
61	15.259	2106	2114	2120	rBV4	1575401	4427491	42.26%	1.311%
62	15.329	2121	2126	2129	rVV	1077104	1856531	17.72%	0.550%
63	15.370	2129	2133	2144	rVB3	1348349	2698009	25.75%	0.799%
64	15.470	2144	2150	2155	rBV4	1353766	2742648	26.18%	0.812%
65	15.529	2155	2160	2168	rVV5	2409389	5290166	50.49%	1.566%
66	15.623	2168	2176	2179	rVV2	3804966	8495357	81.09%	2.515%
67	15.658	2179	2182	2193	rVB	4183833	7720230	73.69%	2.285%
68	15.858	2212	2216	2218	rVV	1634959	2406507	22.97%	0.712%
69	15.893	2218	2222	2232	rVV2	2995661	6748280	64.41%	1.998%
70	15.976	2232	2236	2242	rVB3	975060	1580643	15.09%	0.468%
71	16.064	2243	2251	2254	rBV6	749419	1524018	14.55%	0.451%

LSC Area Percent Report

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Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	16.346	2296	2299	2305	rVB4	612289	1156336	11.04%	0.342%
73	16.463	2312	2319	2324	rVV6	2364558	4723115	45.08%	1.398%
74	16.516	2324	2328	2332	rVV	5033529	7152534	68.27%	2.117%
75	16.557	2332	2335	2341	rVB3	1784216	2714571	25.91%	0.804%
76	16.739	2357	2366	2370	rVB4	2754244	3888380	37.11%	1.151%
77	16.827	2375	2381	2386	rVB2	2375900	3291643	31.42%	0.974%
78	16.898	2387	2393	2398	rBV3	763746	1725236	16.47%	0.511%
79	16.957	2398	2403	2408	rBV4	648406	1183317	11.29%	0.350%
80	17.139	2430	2434	2441	rVB6	848540	1527640	14.58%	0.452%
81	17.262	2451	2455	2459	rBV2	1426972	2380976	22.73%	0.705%
82	17.309	2459	2463	2472	rVB2	4419937	6811440	65.01%	2.016%
83	17.444	2481	2486	2492	rVB2	873208	1417930	13.53%	0.420%
84	17.609	2507	2514	2518	rBV	1470799	2368150	22.60%	0.701%
85	17.709	2525	2531	2539	rVB2	1841725	3147360	30.04%	0.932%
86	17.779	2539	2543	2550	rBV5	634748	1180841	11.27%	0.350%
87	18.003	2576	2581	2584	rBV2	1142129	1554798	14.84%	0.460%
88	18.044	2584	2588	2600	rVB	3527343	5818178	55.53%	1.722%
89	18.696	2694	2699	2701	rVV	1393561	2070834	19.77%	0.613%
90	18.731	2701	2705	2722	rVB	2856415	4641407	44.30%	1.374%
91	19.354	2807	2811	2819	rVB	2136378	2939184	28.05%	0.870%
92	19.894	2899	2903	2905	rBV2	1066251	1240048	11.84%	0.367%
93	19.924	2905	2908	2912	rVV	1683108	1903721	18.17%	0.564%
94	19.977	2912	2917	2931	rVB	2275699	3977897	37.97%	1.177%
95	20.447	2989	2997	3008	rVB2	1455834	2825077	26.97%	0.836%
96	20.929	3073	3079	3093	rVB2	1022885	2356409	22.49%	0.698%
97	21.898	3236	3244	3252	rVB	1874499	3308183	31.58%	0.979%
98	25.077	3775	3785	3800	rVB	1146871	3425699	32.70%	1.014%
99	25.312	3815	3825	3842	rVB2	1017387	3232234	30.85%	0.957%
100	27.192	4124	4145	4165	rVB7	505530	2824145	26.96%	0.836%

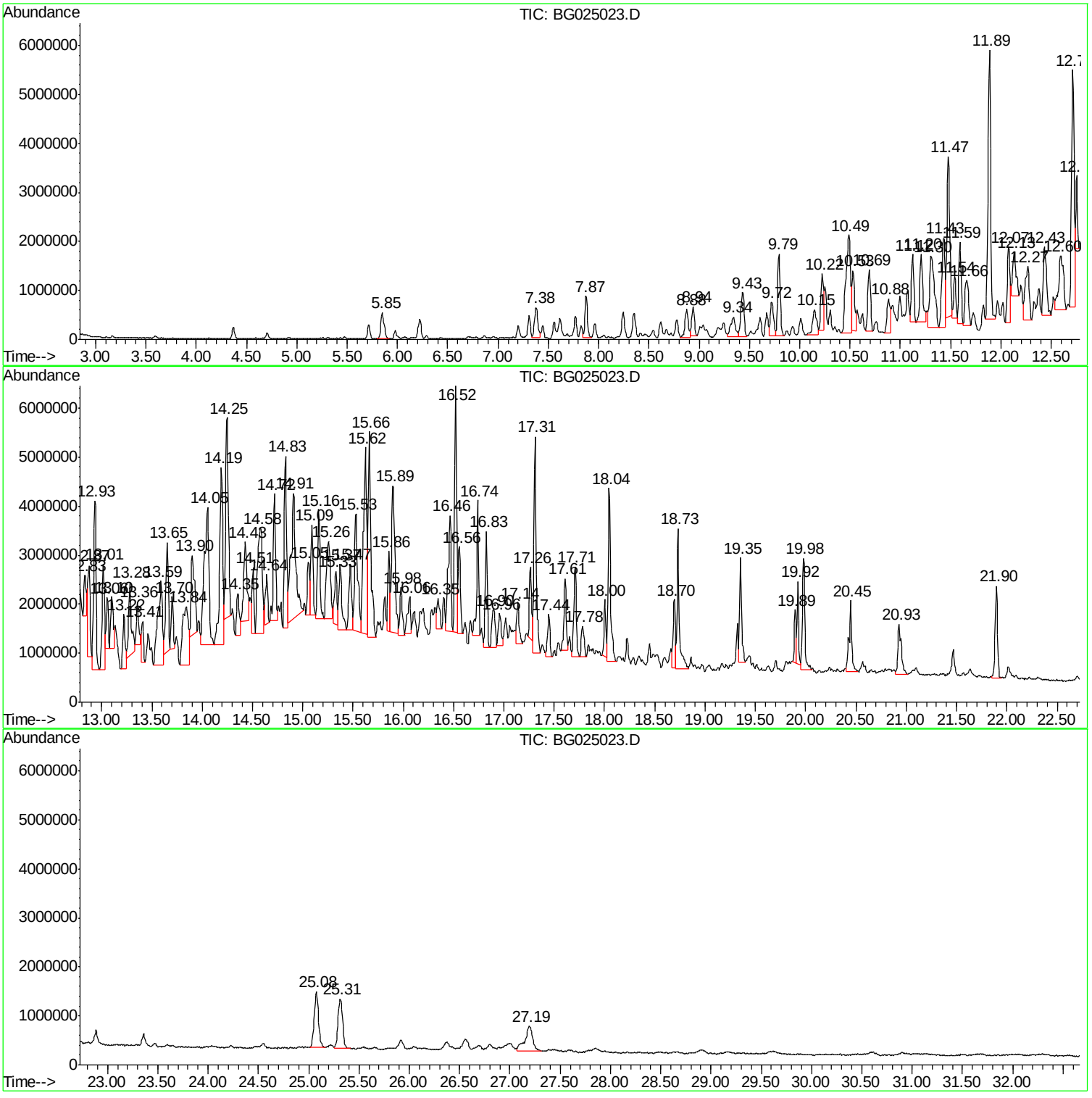
Sum of corrected areas: 337833260

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
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Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

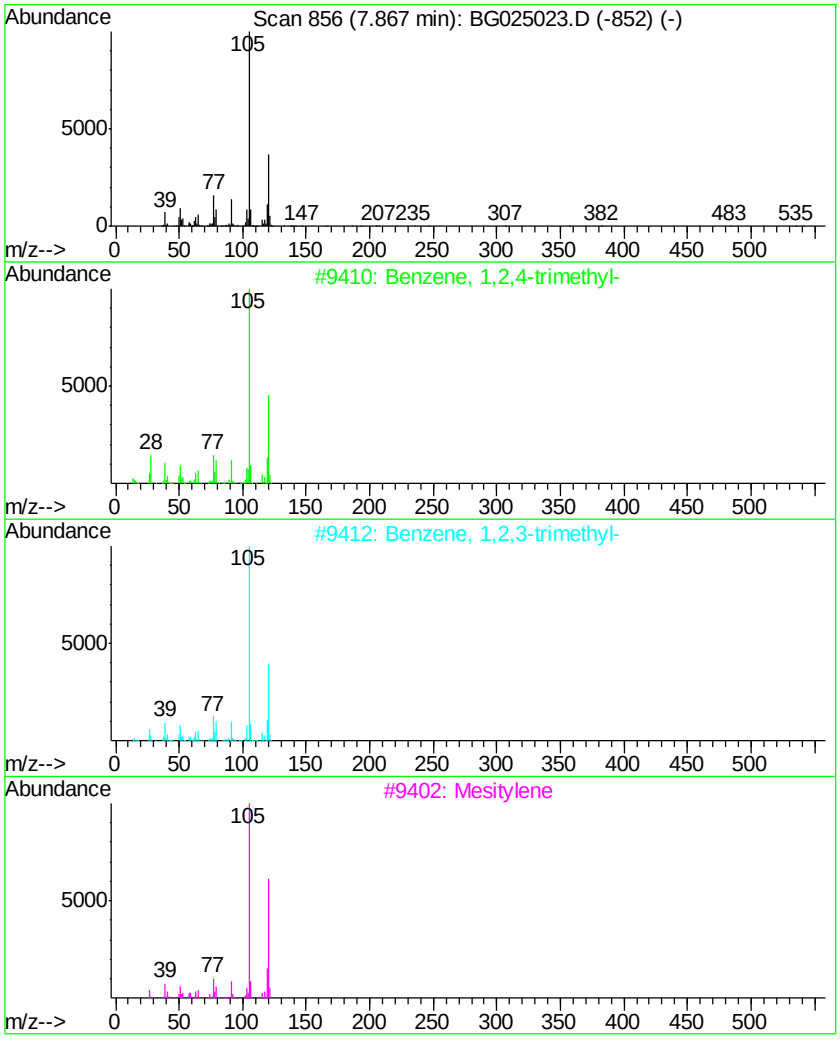
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

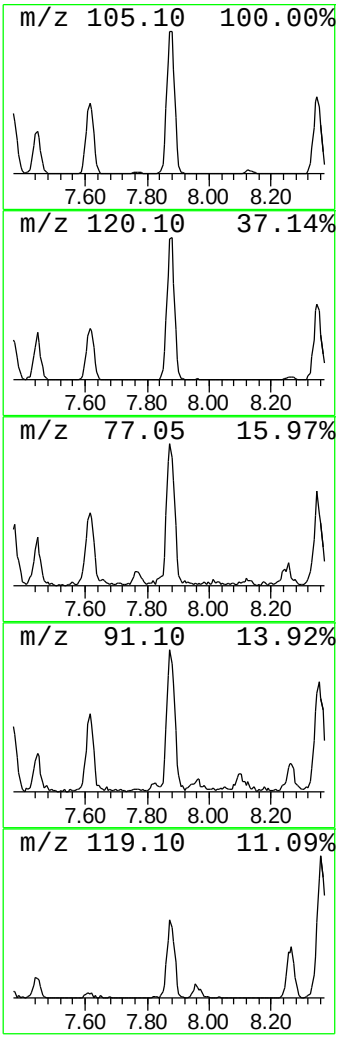
****

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	20.00 ng/ul	1491820	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93





Library Search Compound Report

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Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

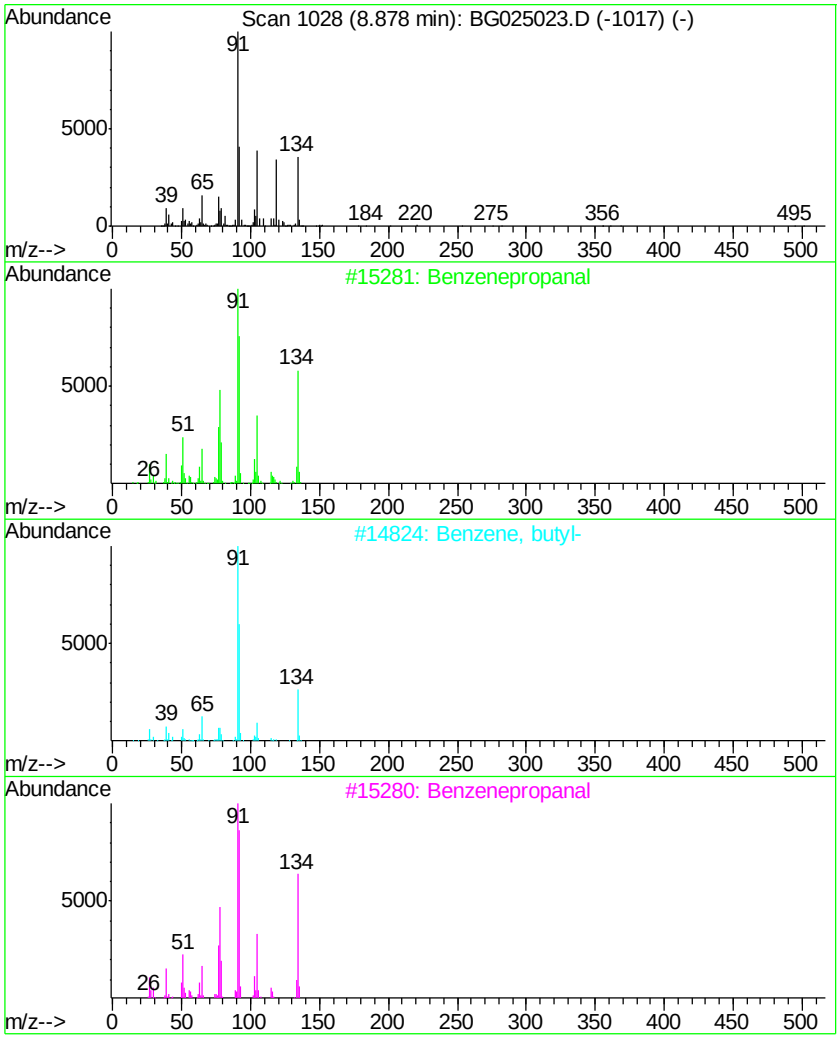
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

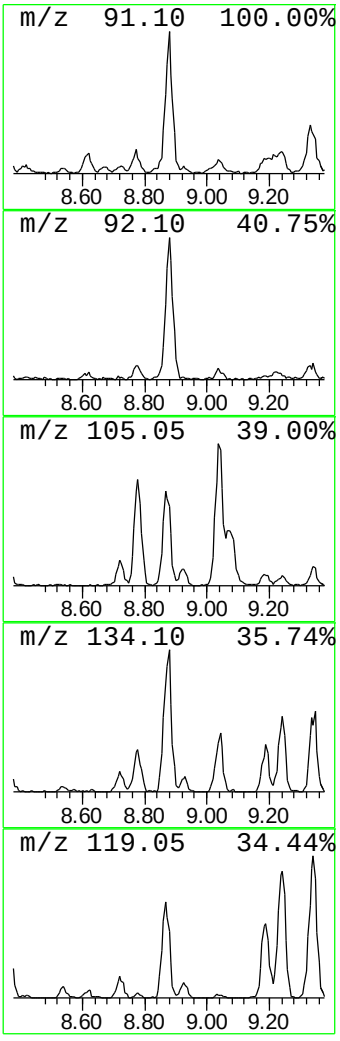
****

Peak Number 3 Benzenepropanal Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	16.82 ng/ul	1254240	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanal	134	C9H10O	000104-53-0	72
2	Benzene, butyl-	134	C10H14	000104-51-8	52
3	Benzenepropanal	134	C9H10O	000104-53-0	52
4	Benzene, butyl-	134	C10H14	000104-51-8	50
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	46





Library Search Compound Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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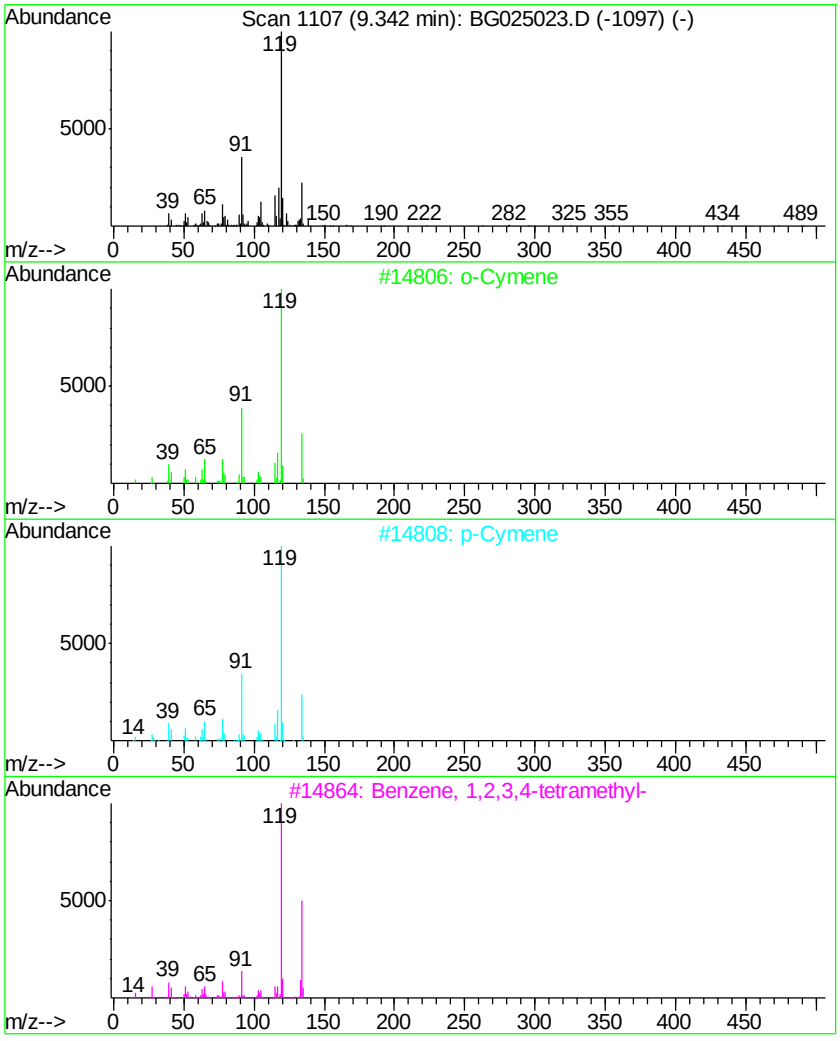
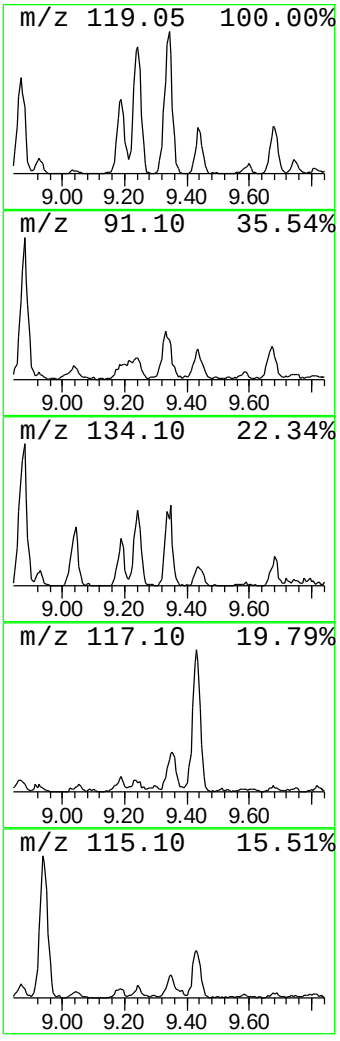
Peak Number 4 o-Cymene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	18.18 ng/ul	1355730	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	87
2	p-Cymene	134	C10H14	000099-87-6	87
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

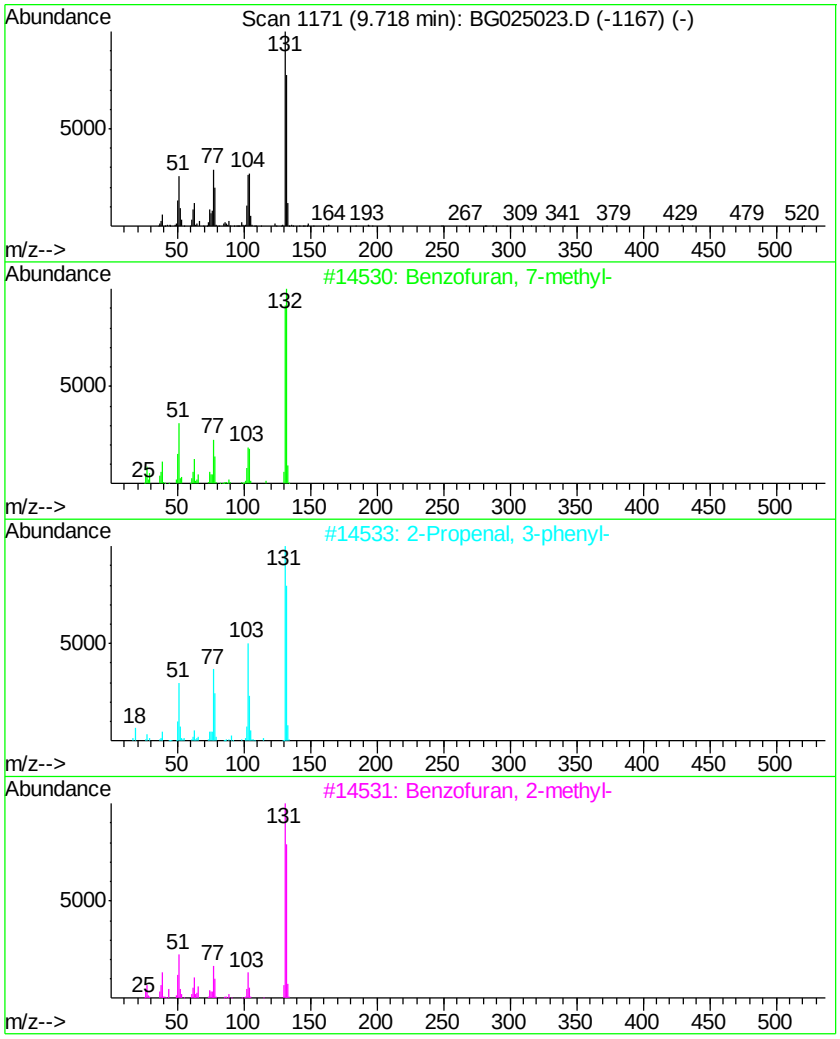
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

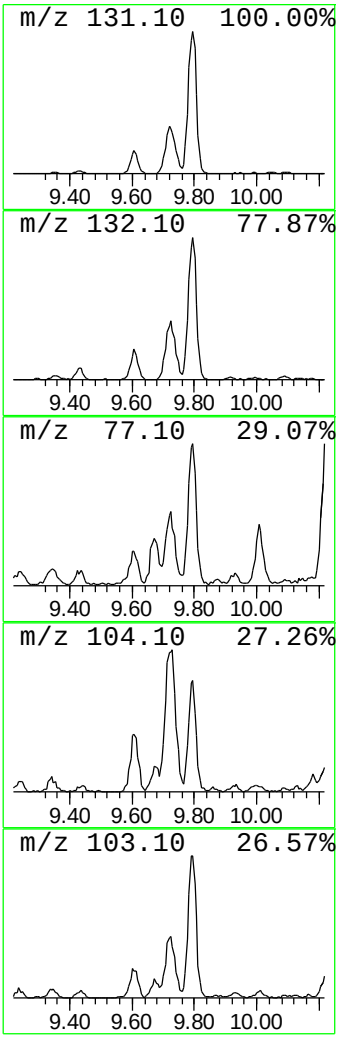
****

Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	13.70 ng/ul	1598650	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

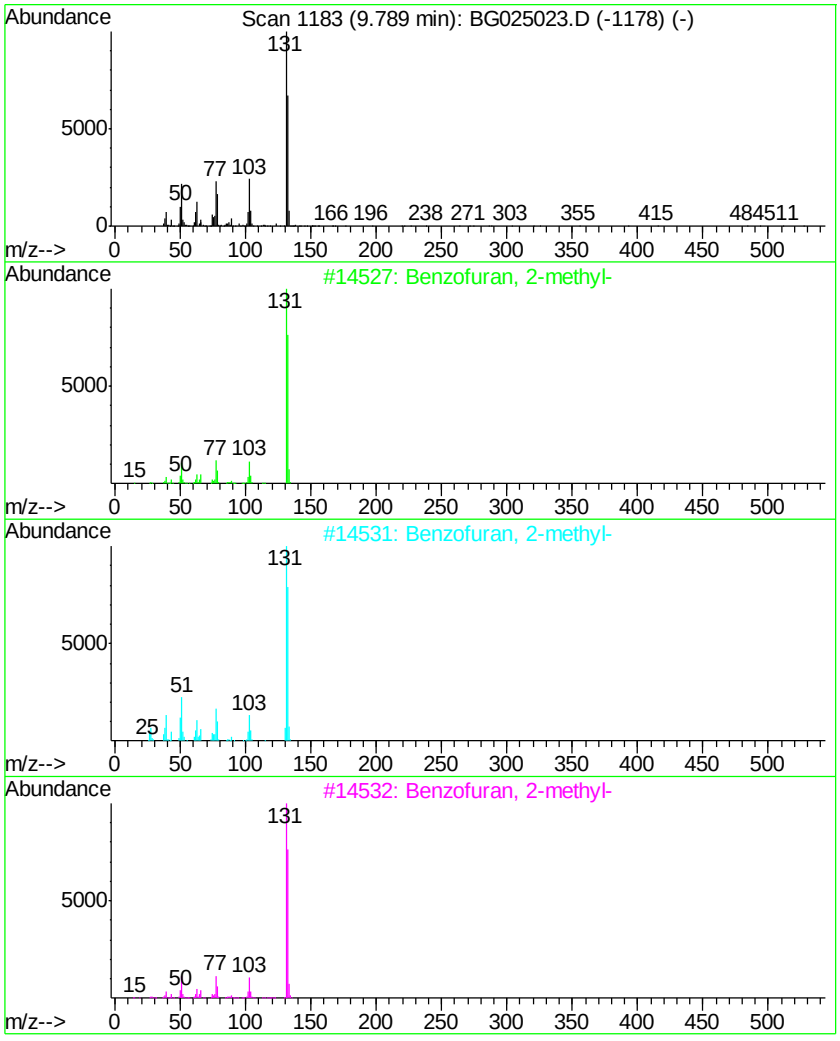
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

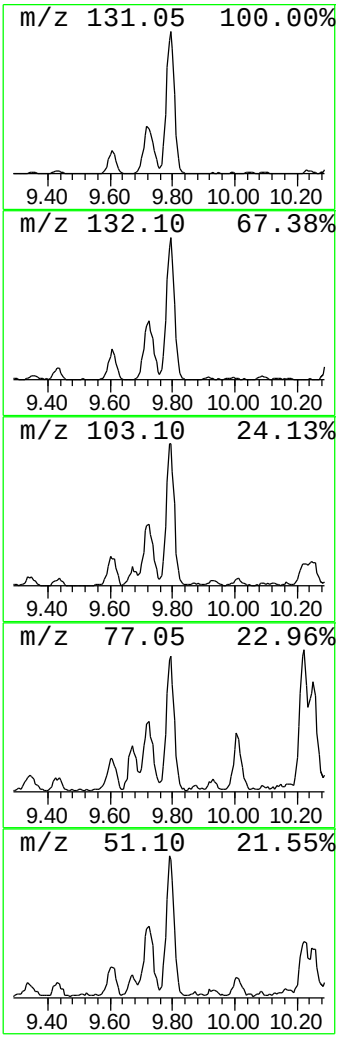
****

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	25.92 ng/ul	3024160	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5	1H-Indenol	132	C9H8O	056631-57-3	89





Library Search Compound Report

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Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

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Quant Title : SVOA CALIBRATION

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

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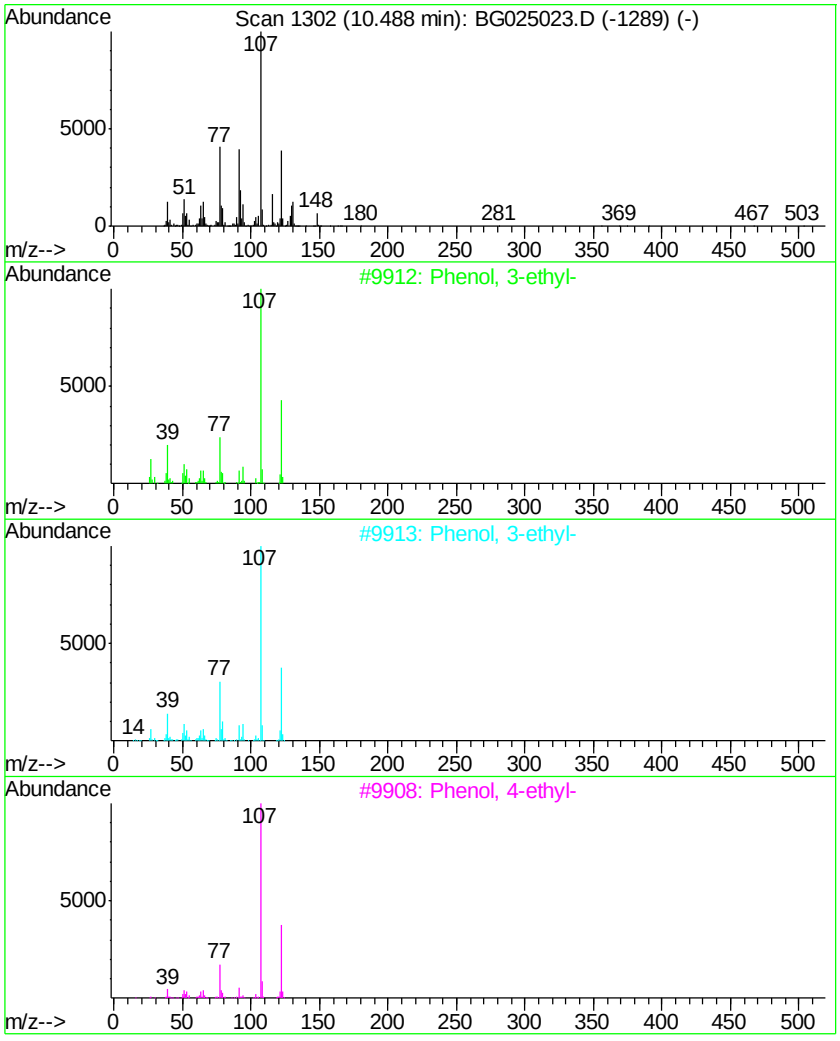
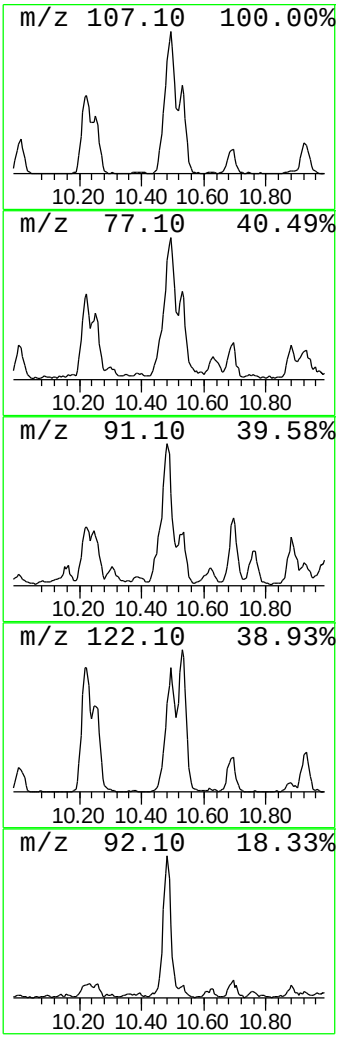
Peak Number 7 Phenol, 3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	56.00 ng/ul	6533120	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	81
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	81
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	76
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	74
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	72





Library Search Compound Report

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Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

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Quant Title : SVOA CALIBRATION

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

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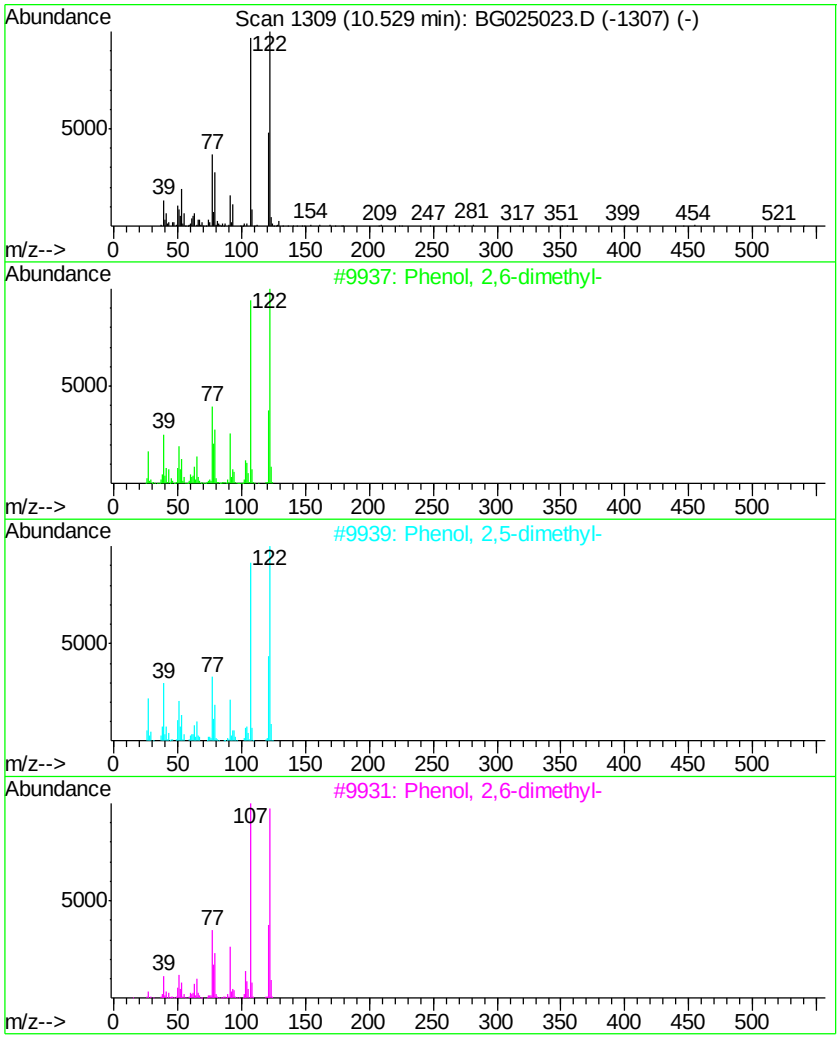
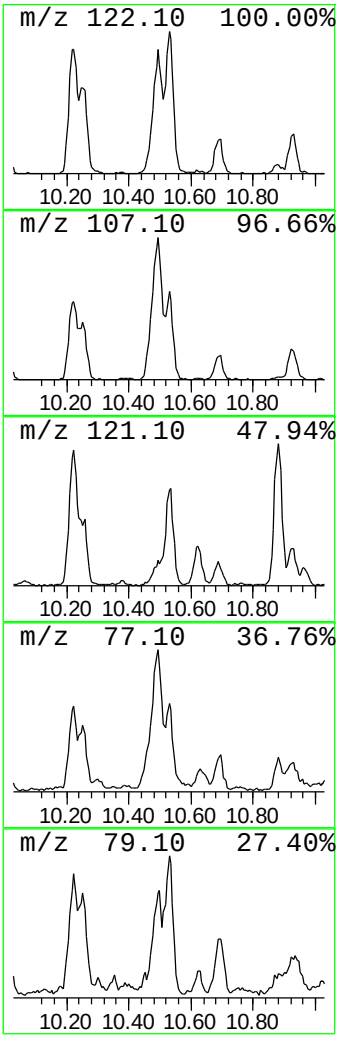
Peak Number 8 Phenol, 2,6-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	16.83 ng/ul	1963570	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	91
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

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Quant Title : SVOA CALIBRATION

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

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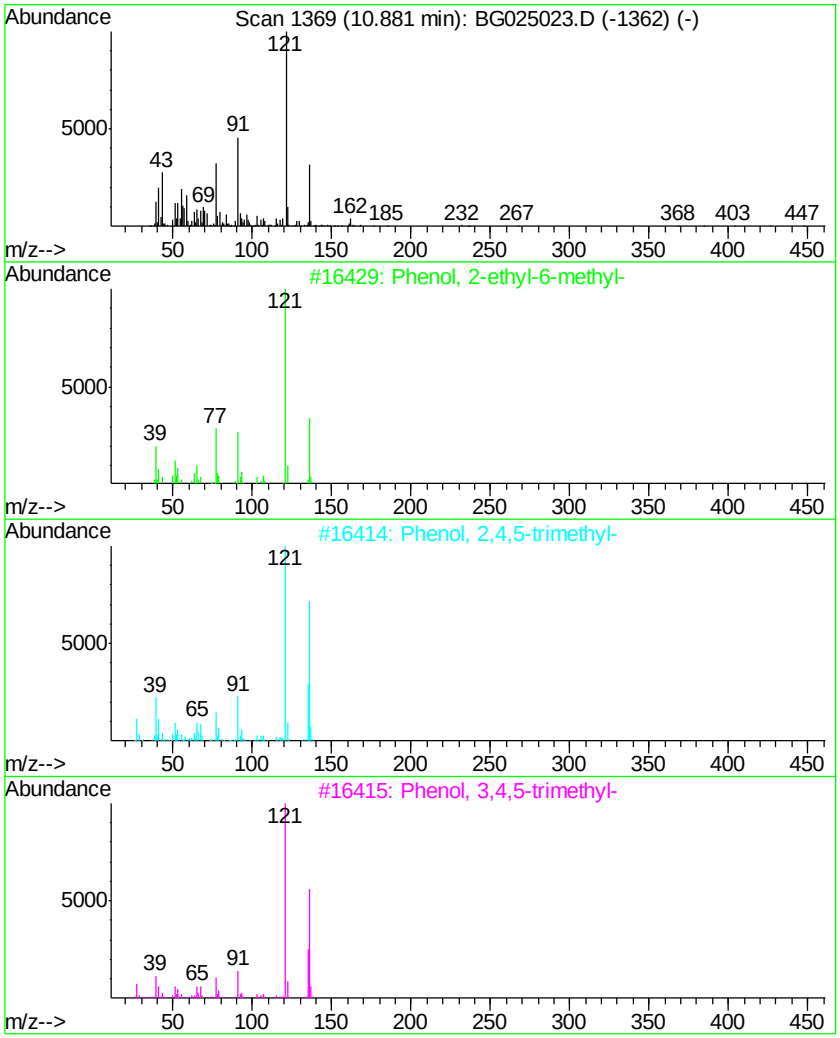
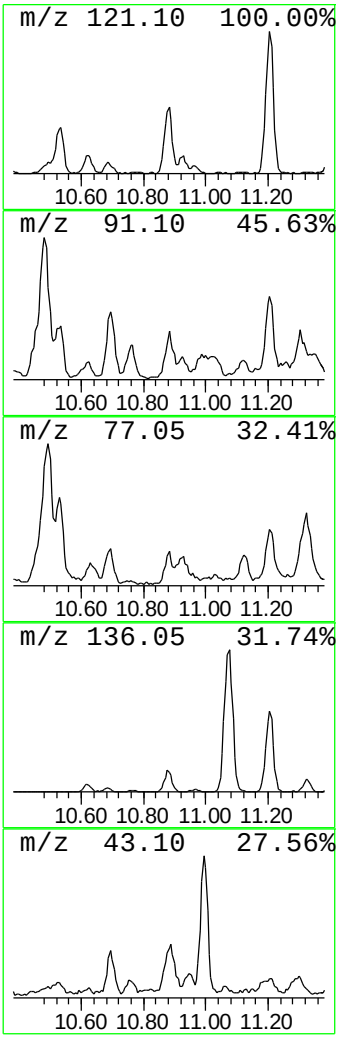
Peak Number 9 Phenol, 2-ethyl-6-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	13.66 ng/ul	1593410	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	86
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	86
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	86
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	83





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Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

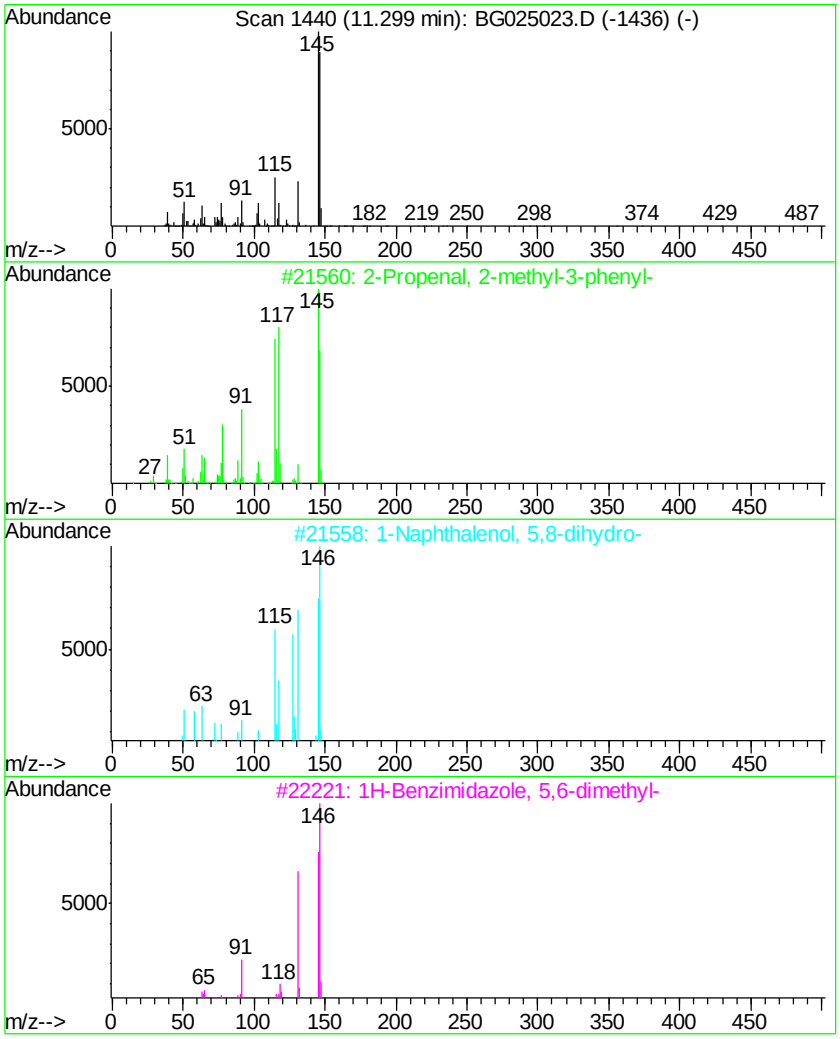
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

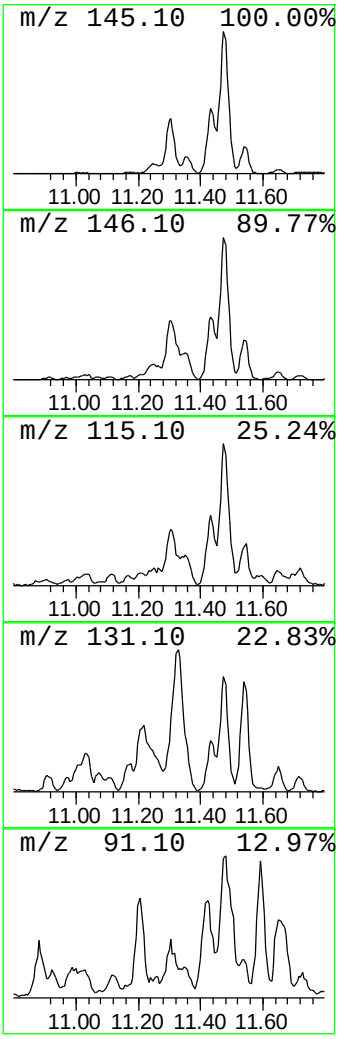
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	41.64 ng/ul	4858640	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	53
2	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	53
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	50
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	50
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	49





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

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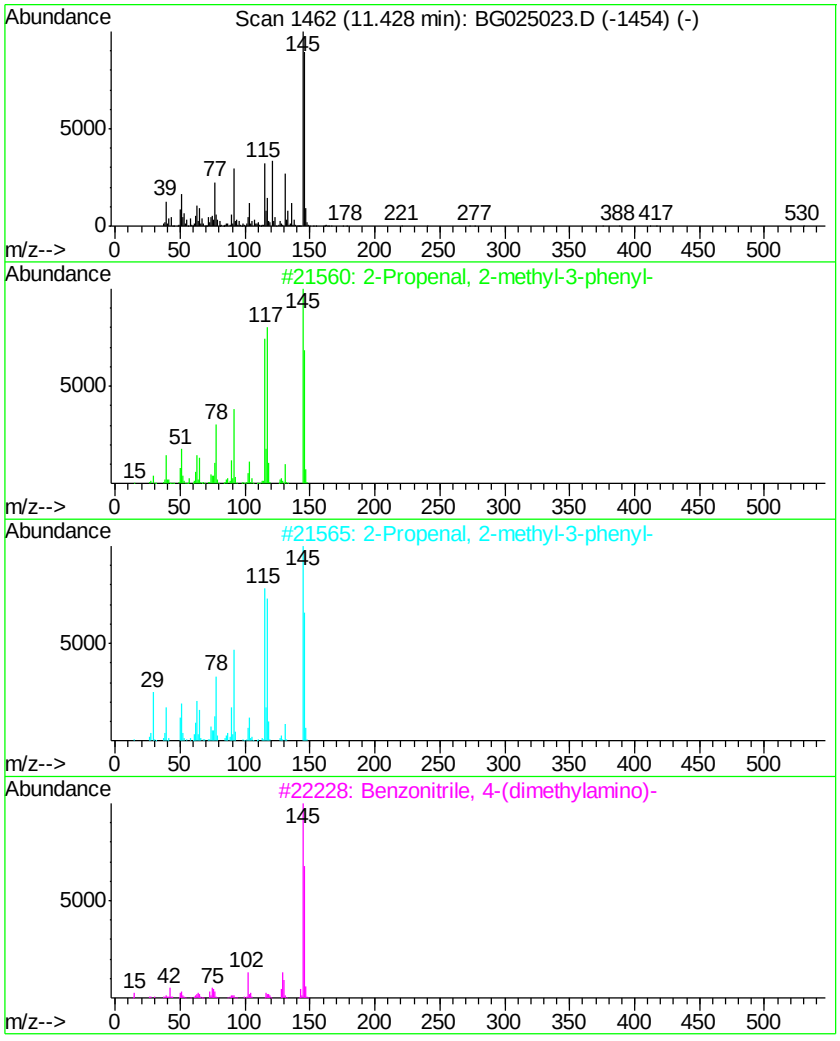
Quant Title : SVOA CALIBRATION

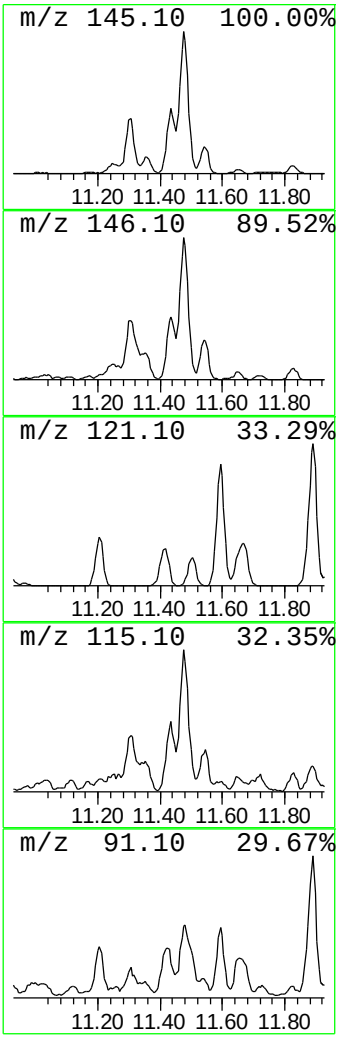
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzonitrile, 4-(dimethylam... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	36.27 ng/ul	4231300	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47





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Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

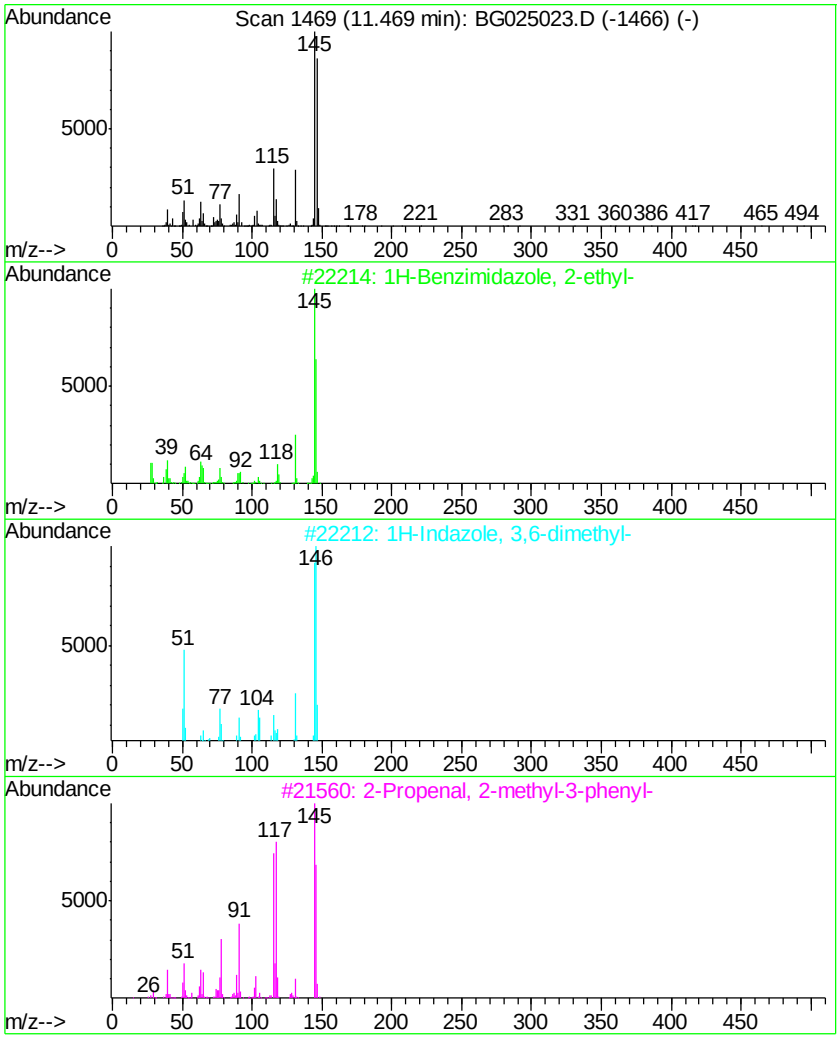
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

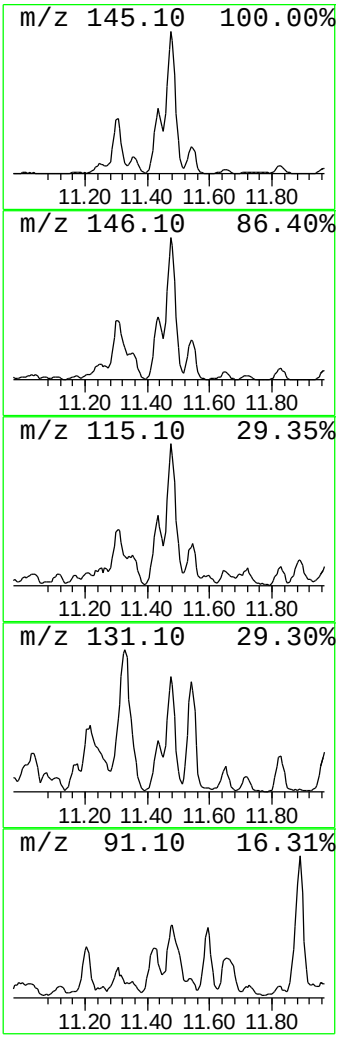
****

Peak Number 12 1H-Benzimidazole, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	54.00 ng/ul	6299740	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
2	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	72
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	72
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53





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Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

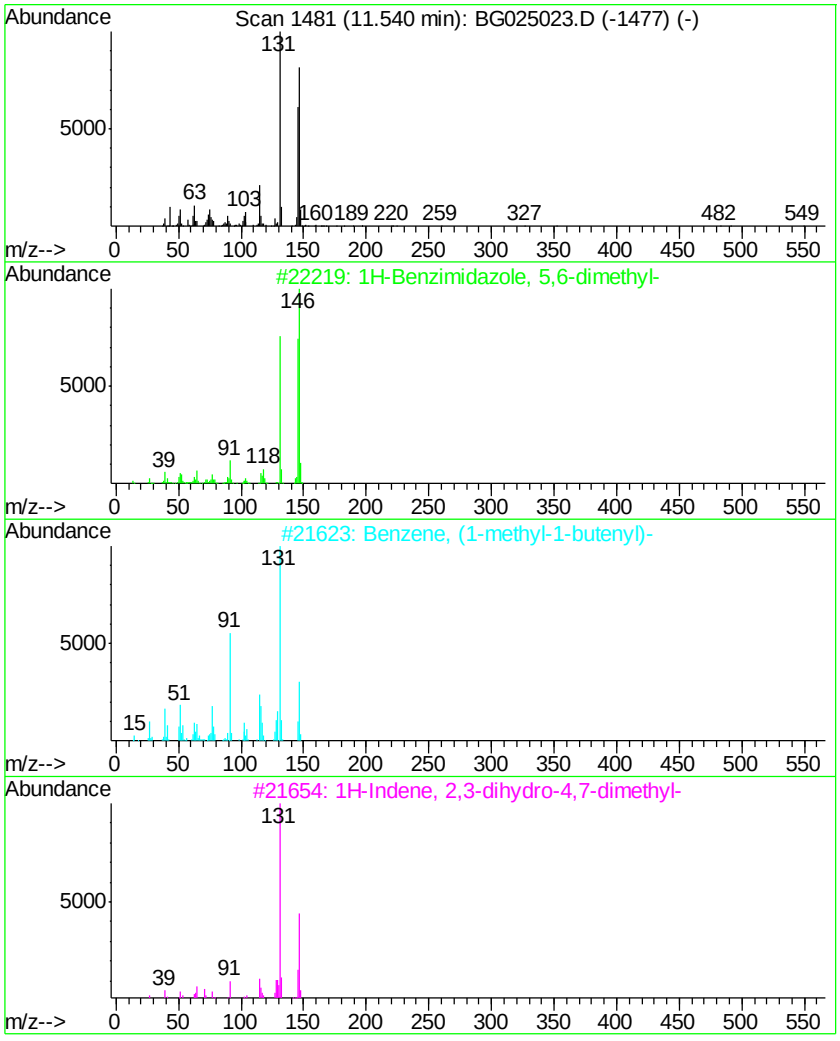
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

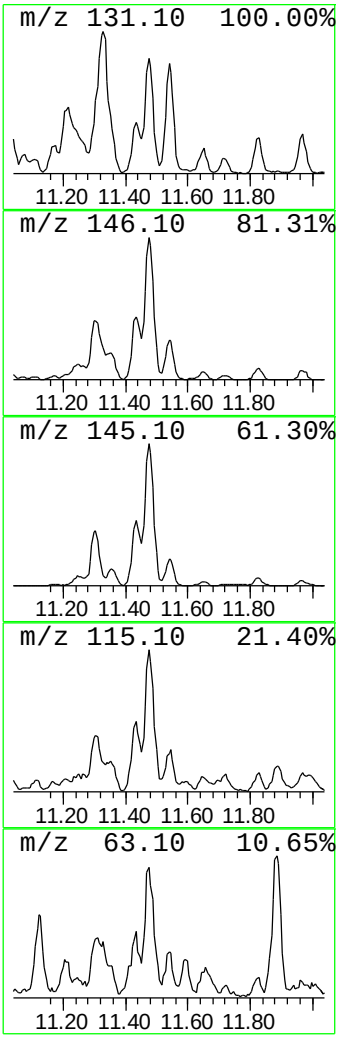
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Benzimidazole, 5,6-dimet... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	10.91 ng/ul	1273060	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	78
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64





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Misc :
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Instrument : BNA_G
ClientSampleId : DA7Z1

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Quant Title : SVOA CALIBRATION

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

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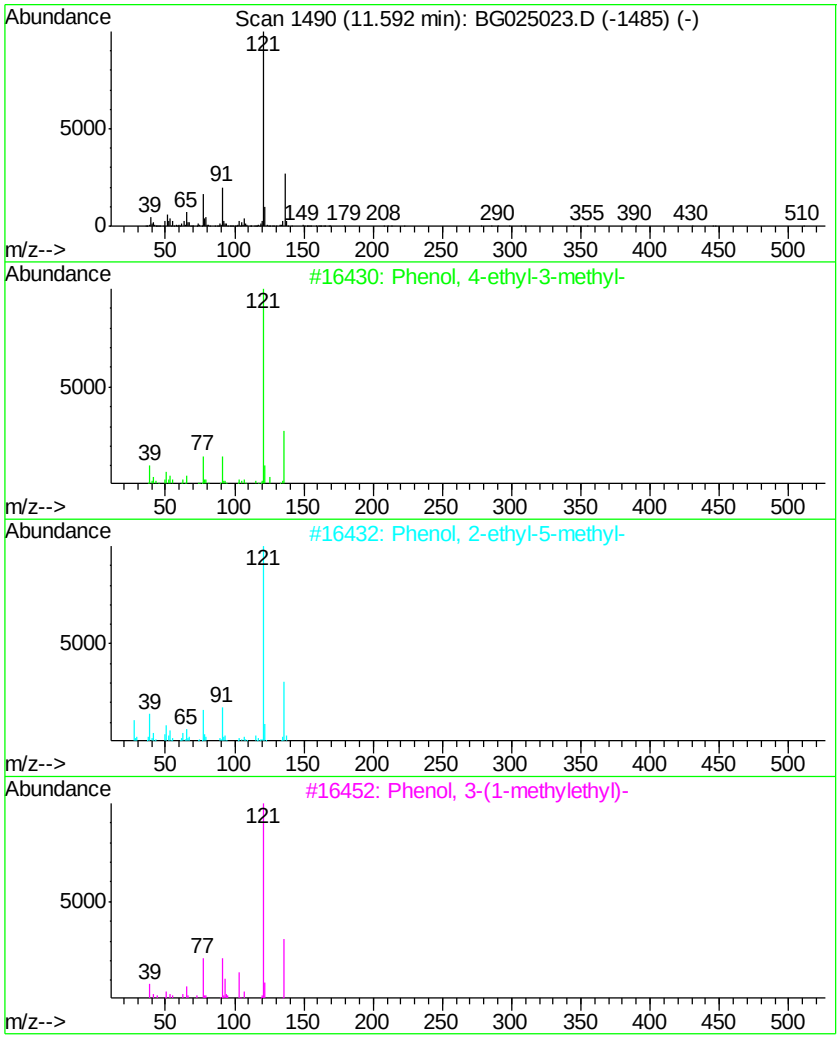
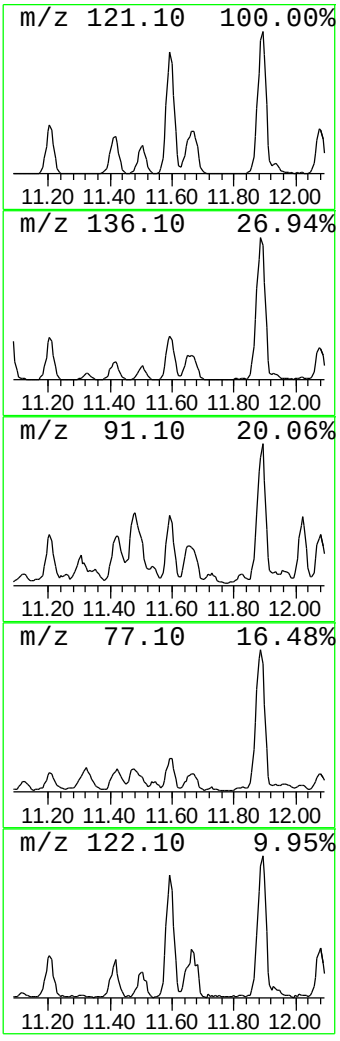
Peak Number 14 Phenol, 4-ethyl-3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	23.25 ng/ul	2712320	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90





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Instrument : BNA_G
ClientSampleId : DA7Z1

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Quant Title : SVOA CALIBRATION

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

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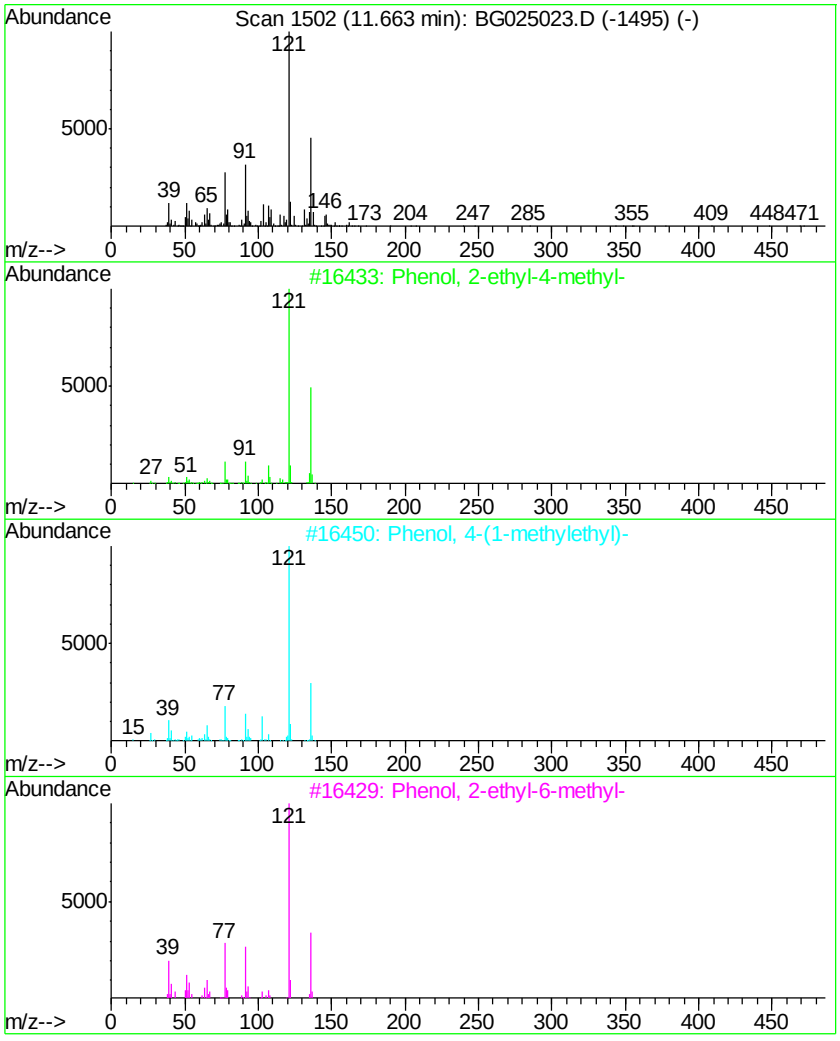
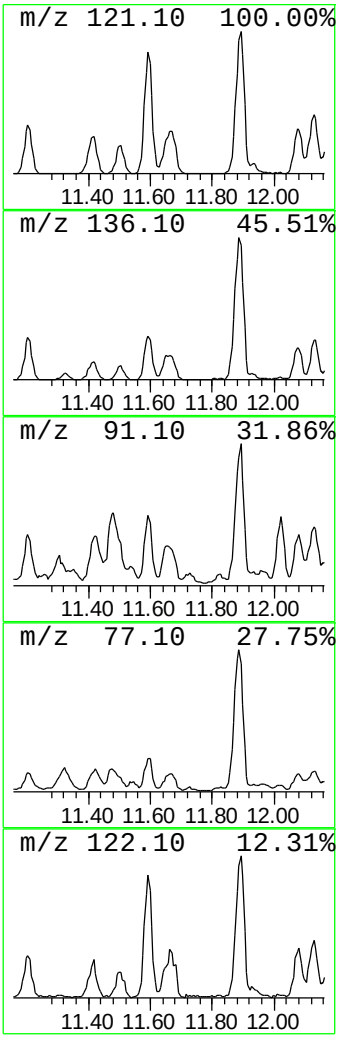
Peak Number 15 Phenol, 2-ethyl-4-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	19.69 ng/ul	2296870	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	90
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	87
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87





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Instrument : BNA_G
ClientSampleId : DA7Z1

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Quant Title : SVOA CALIBRATION

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

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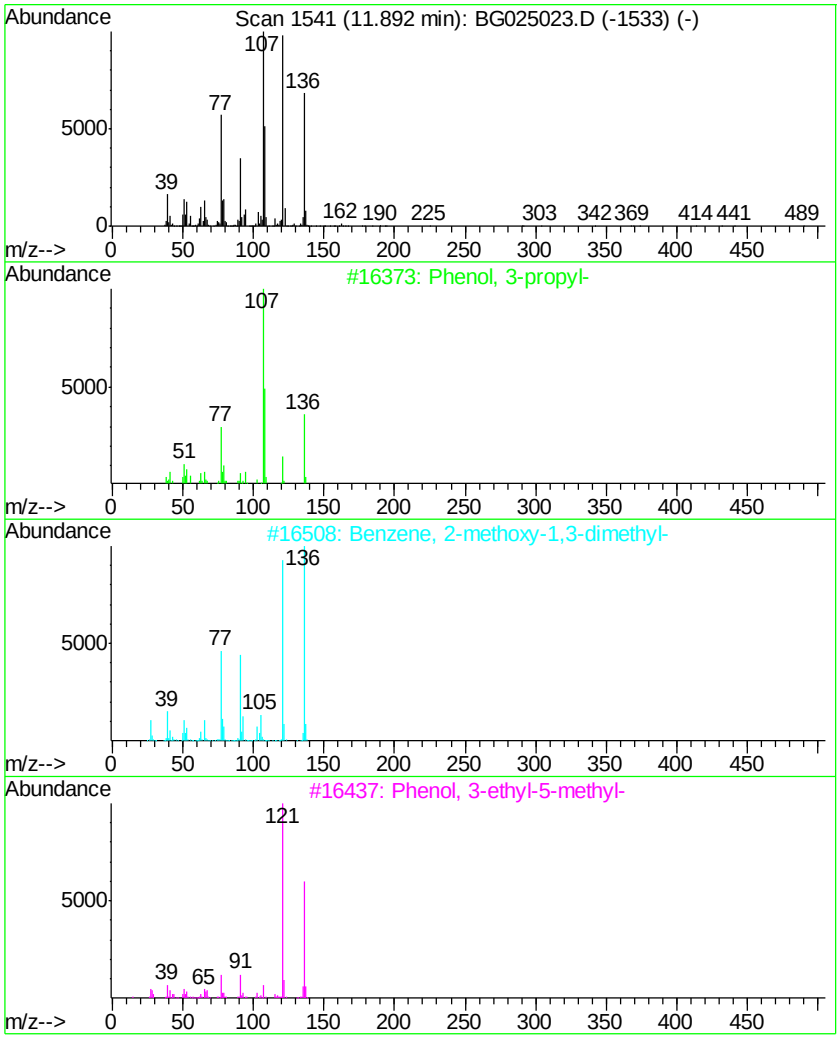
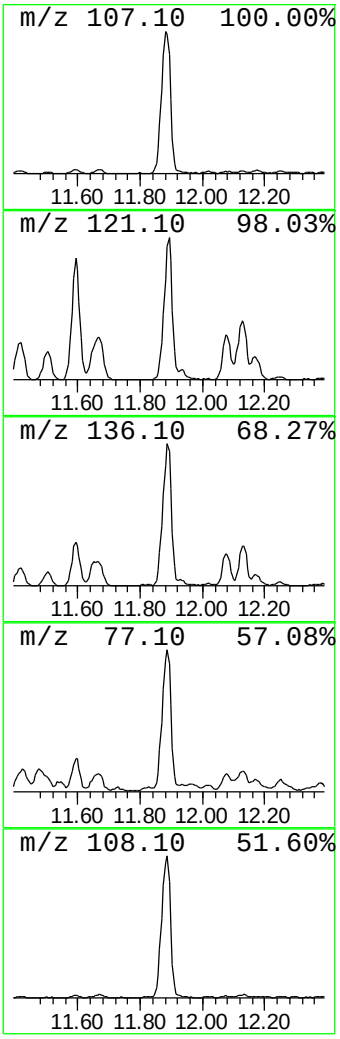
Peak Number 16 Phenol, 3-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	89.80 ng/ul	10476700	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	76
2	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	50
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	49
4	Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	49
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	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 17 Phenol, 2,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	25.55 ng/ul	2981490	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	64
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	64
3	Bicyclo[3.1.0]hex-2-ene, 4,4,6,6...	136	C10H16	019487-09-3	62
4	1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	62
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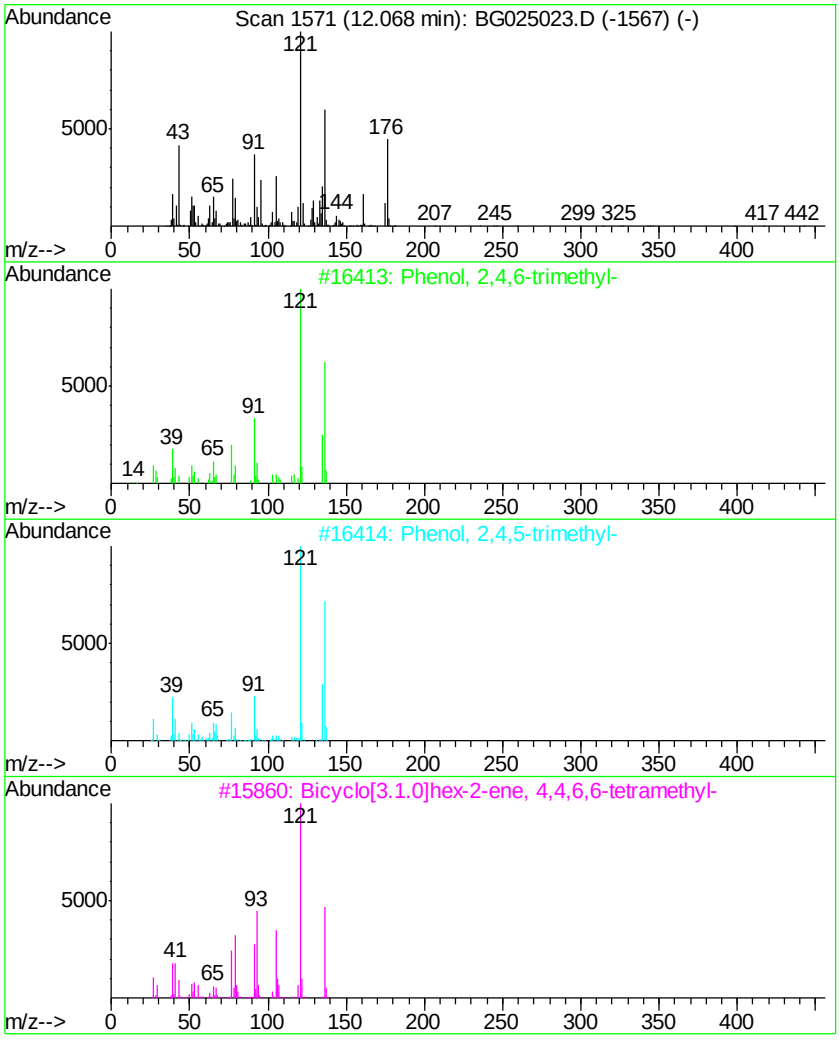

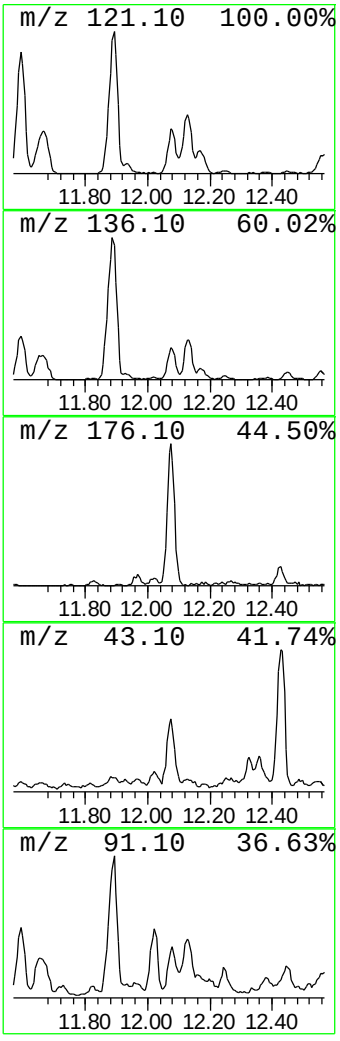

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

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Quant Title : SVOA CALIBRATION

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

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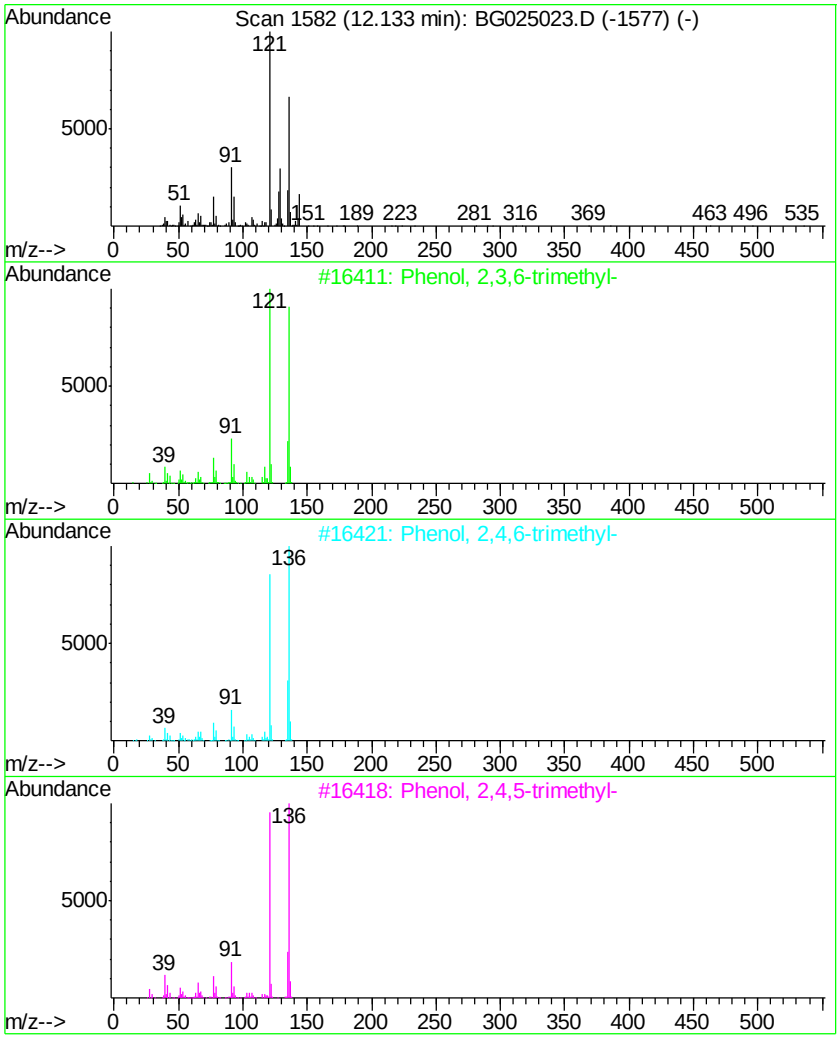
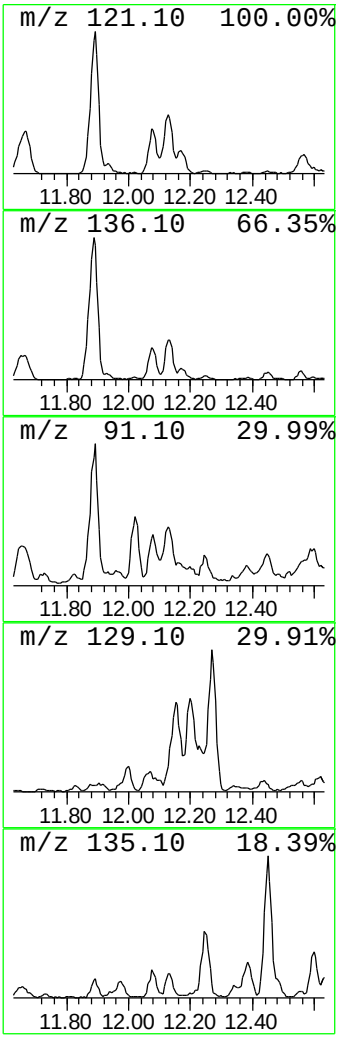
Peak Number 18 Phenol, 2,3,6-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	17.10 ng/ul	1995080	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	70
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	70
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	70
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	70
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	70





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Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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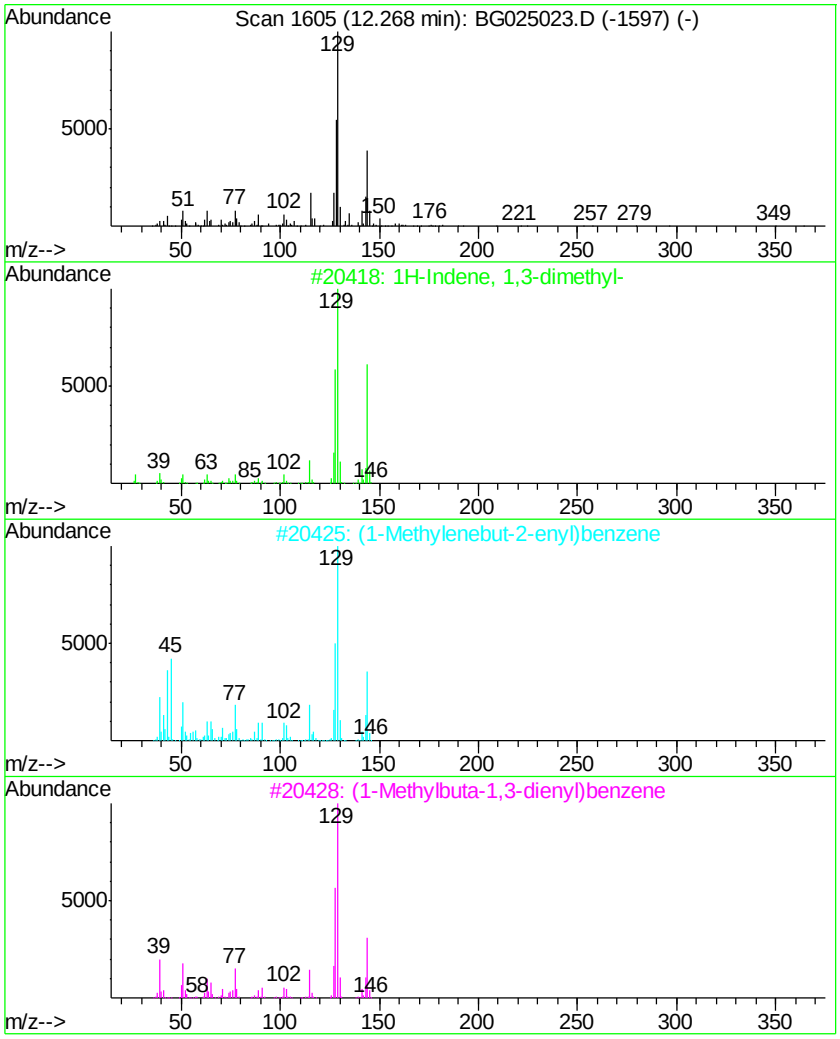
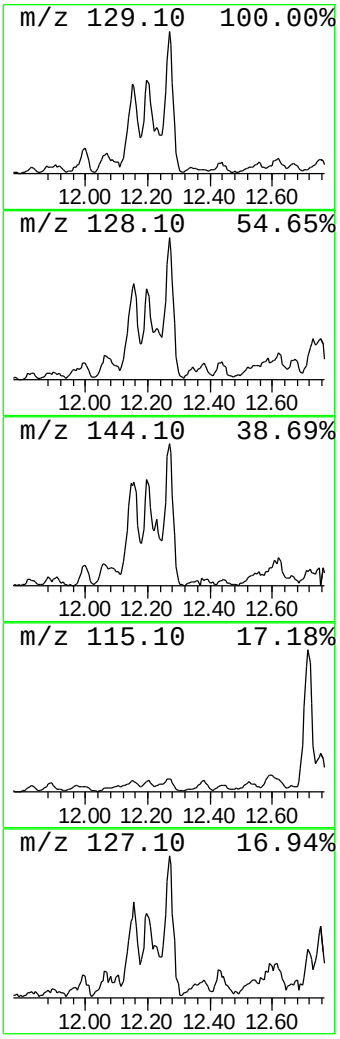
Peak Number 19 1H-Indene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	26.22 ng/ul	3058960	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	95
2	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	94
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	94
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90
5	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	90





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Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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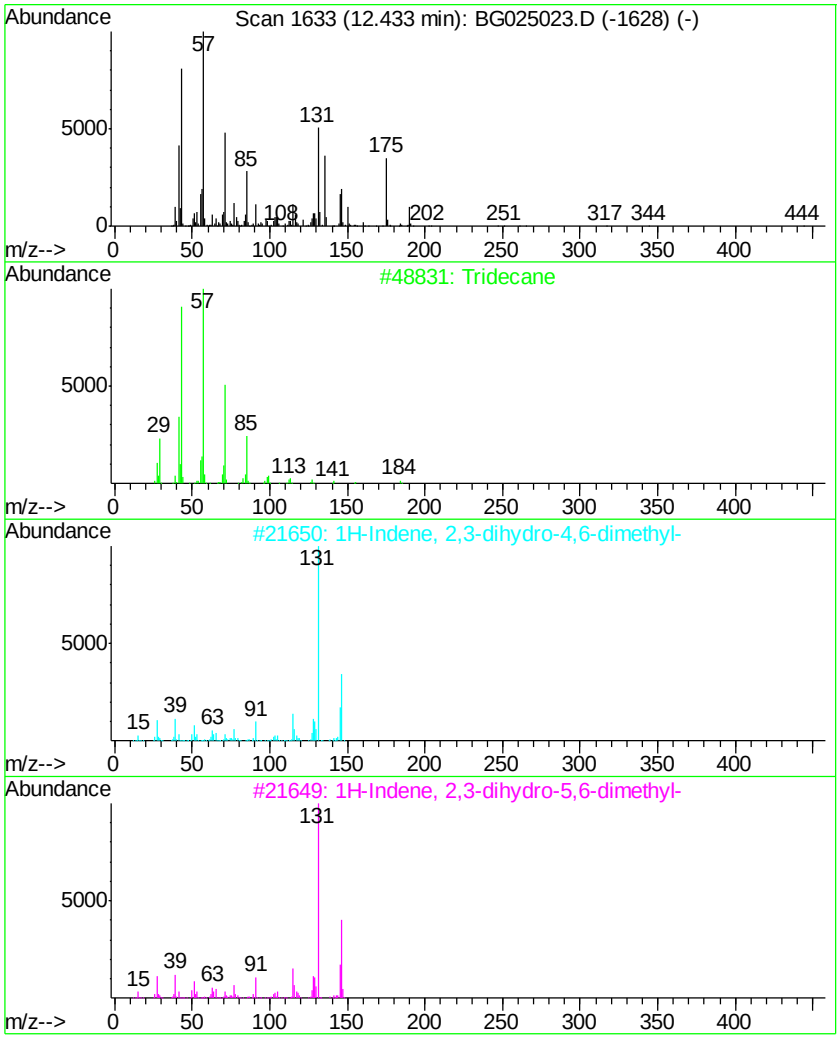
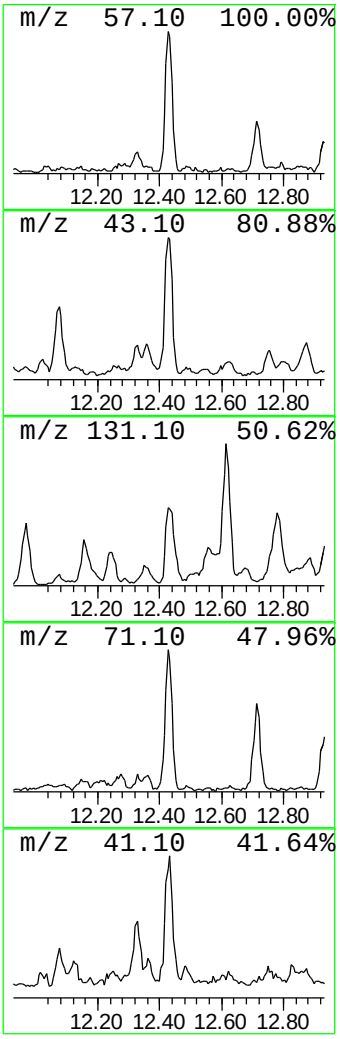
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	28.26 ng/ul	3297150	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	42
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	35
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	35
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	30
5	Hexadecane	226	C16H34	000544-76-3	27





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Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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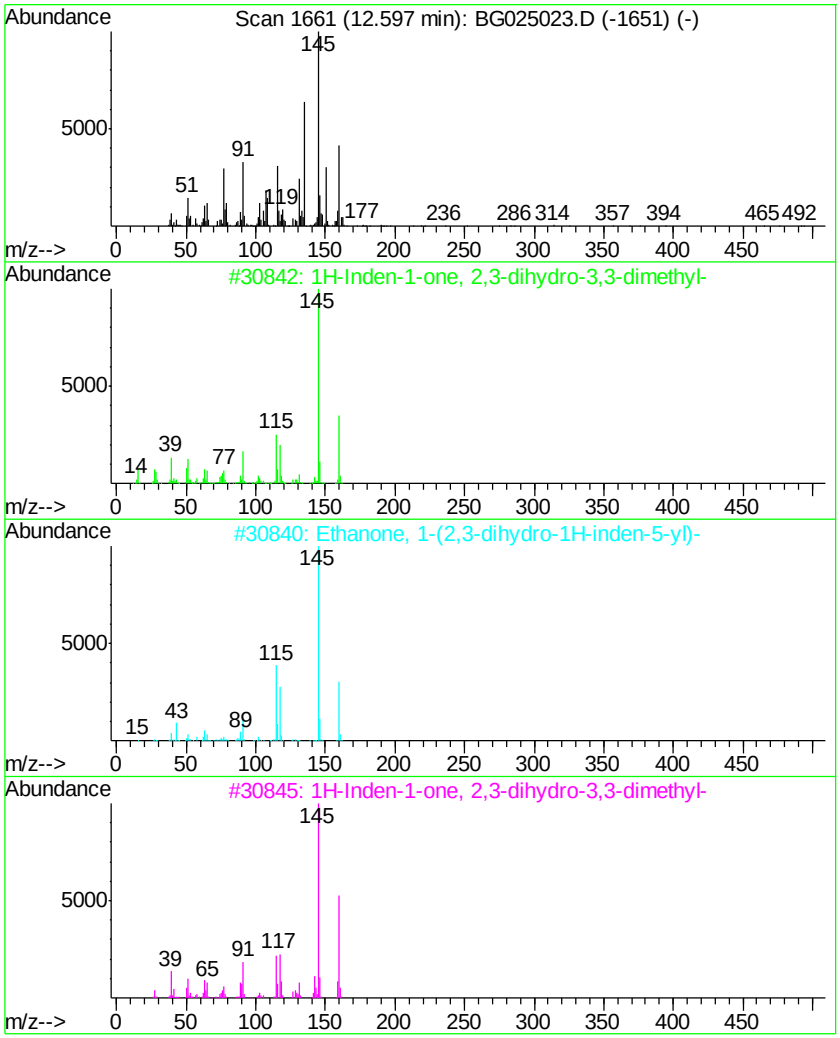
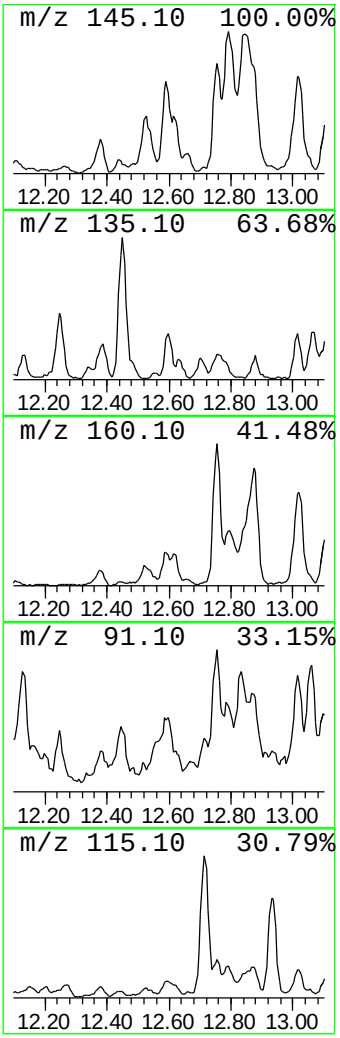
Peak Number 21 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	31.24 ng/ul	3644580	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	60
2	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	49
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	46
4	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	46
5	Silane, methyltripropynyl-	160	C10H12Si	1000158-62-1	43





Library Search Compound Report

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Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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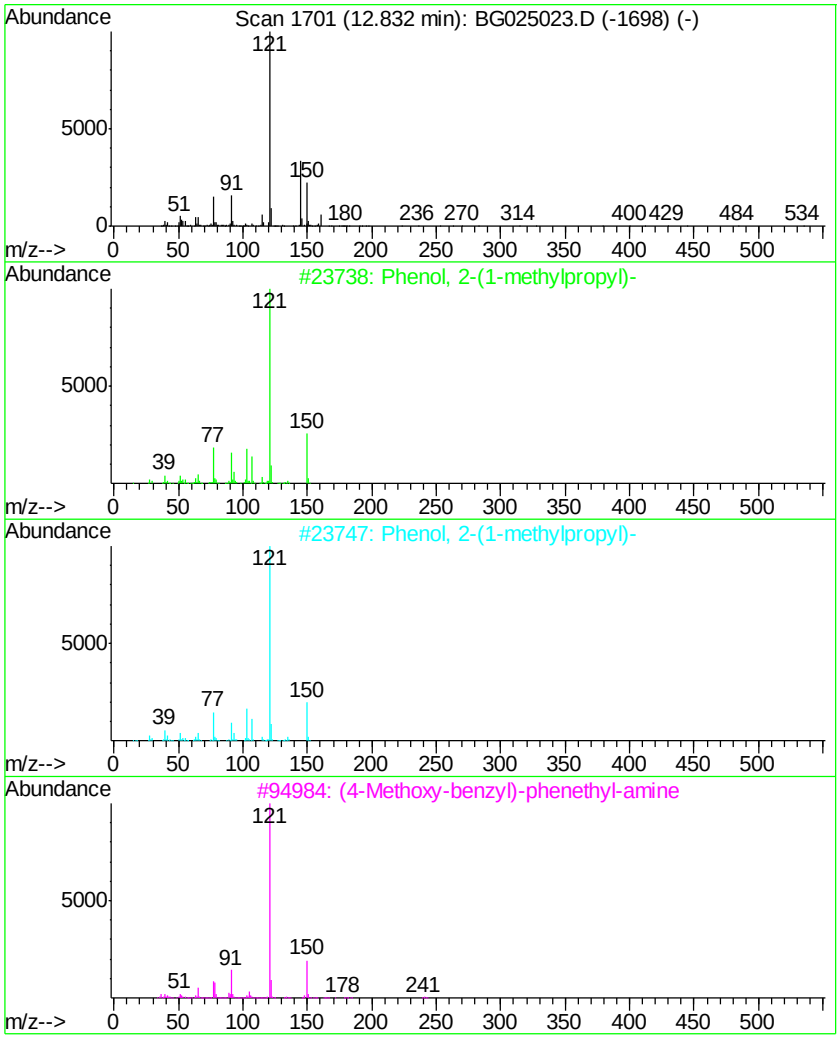
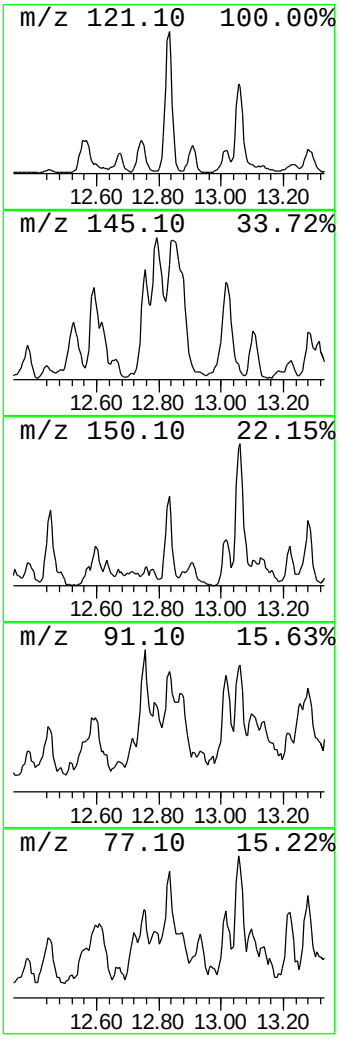
Peak Number 22 Phenol, 2-(1-methylpropyl)- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	10.35 ng/ul	1207240	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	72
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	72
3	(4-Methoxy-benzyl)-phenethyl-amine	241	C16H19NO	1000300-71-3	64
4	4-Methyl-2-propylphenol	150	C10H14O	004074-46-8	64
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	64





Library Search Compound Report

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Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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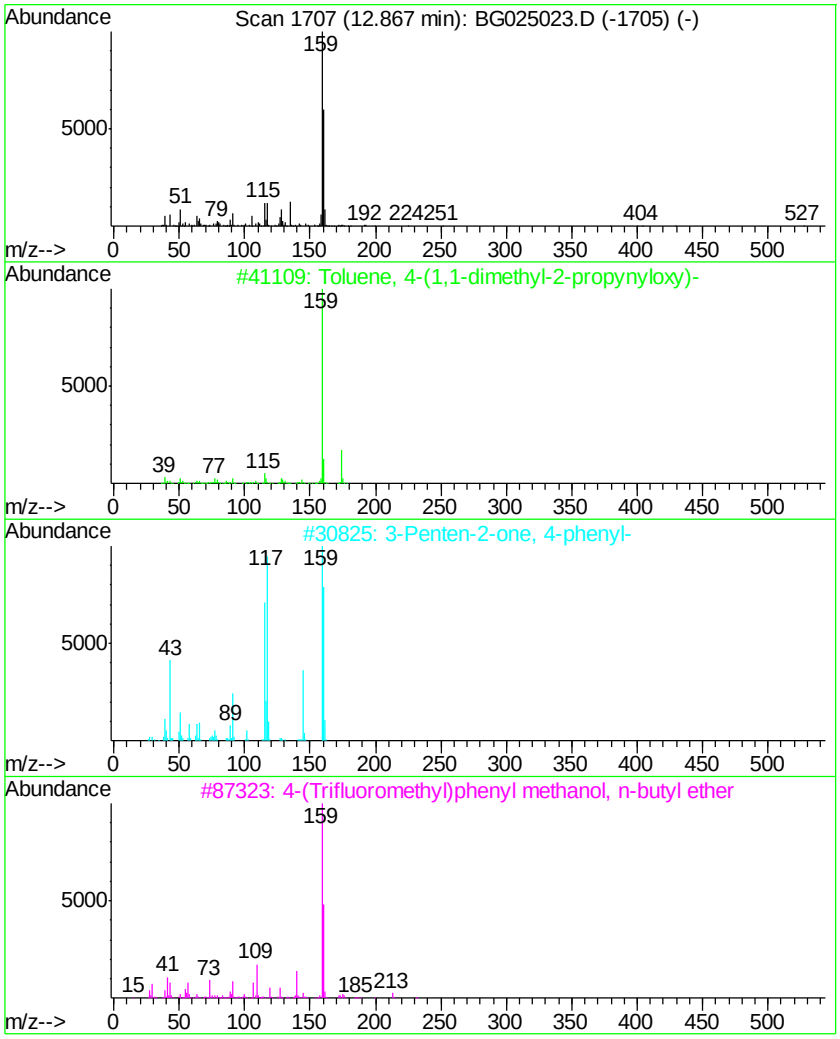
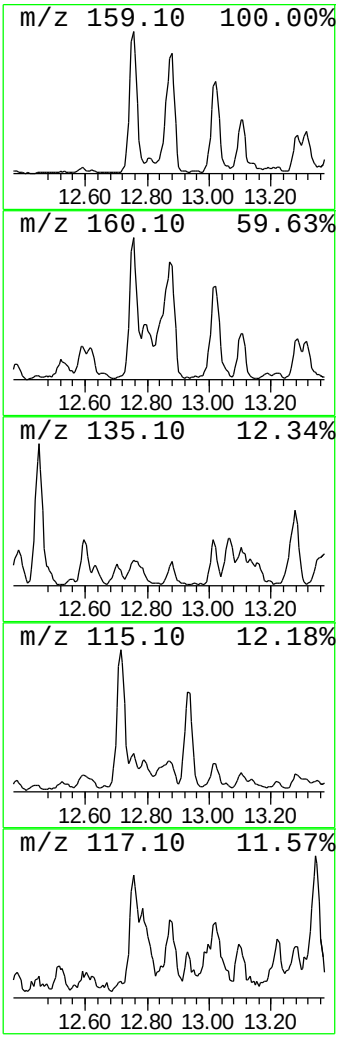
Peak Number 23 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	26.36 ng/ul	3075790	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene, 4-(1,1-dimethyl-2-propy...	174	C12H14O	082719-54-8	47
2	3-Penten-2-one, 4-phenyl-	160	C11H12O	000827-69-0	43
3	4-(Trifluoromethyl)phenyl methan...	232	C12H15F3O	1000374-43-4	38
4	8-Quinolinol, 4-methyl-	159	C10H9NO	003846-73-9	37
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	28





Library Search Compound Report

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Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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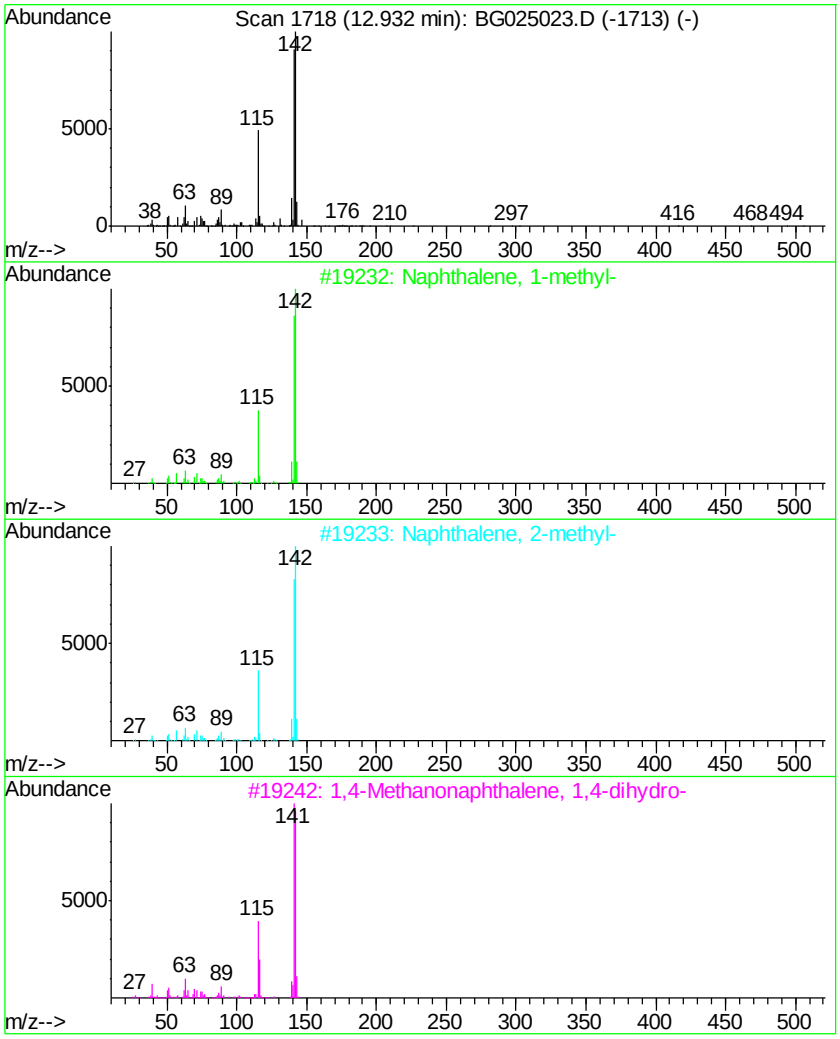
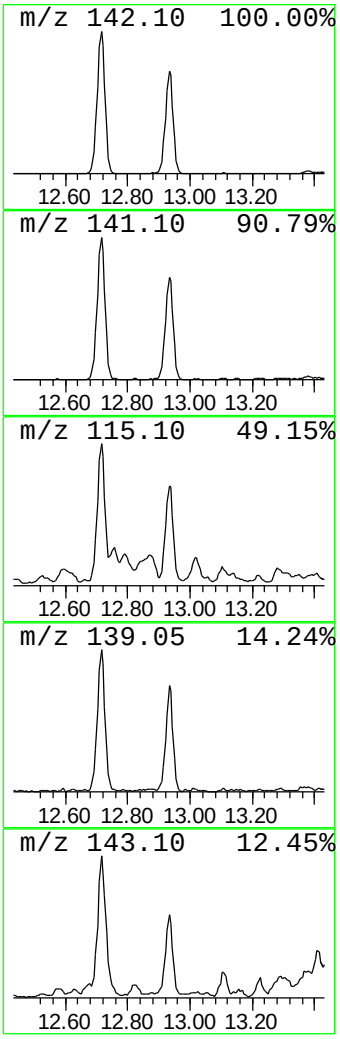
Peak Number 24 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	51.31 ng/ul	5986230	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





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Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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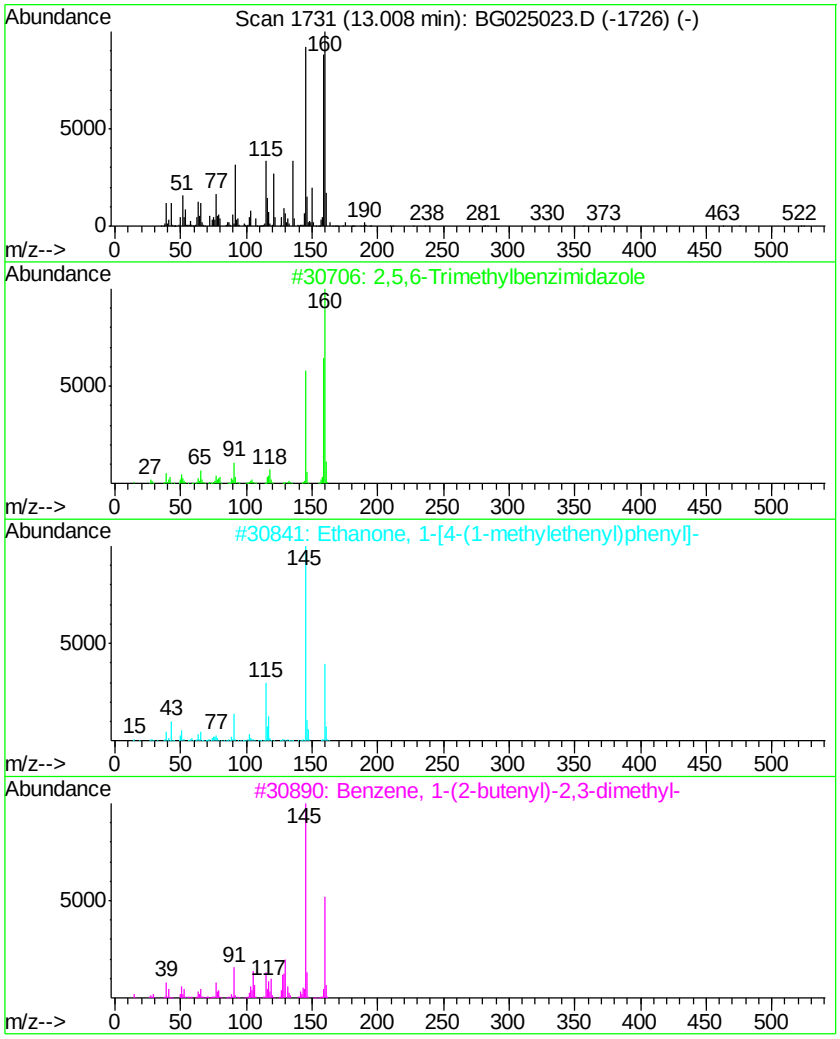
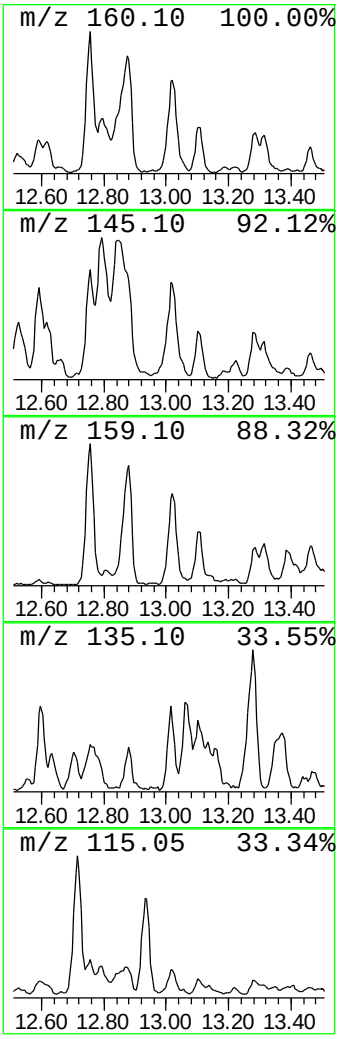
Peak Number 25 2,5,6-Trimethylbenzimidazole Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	9.35 ng/ul	3957070	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	87
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	60
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	55
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	46
5	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	38





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Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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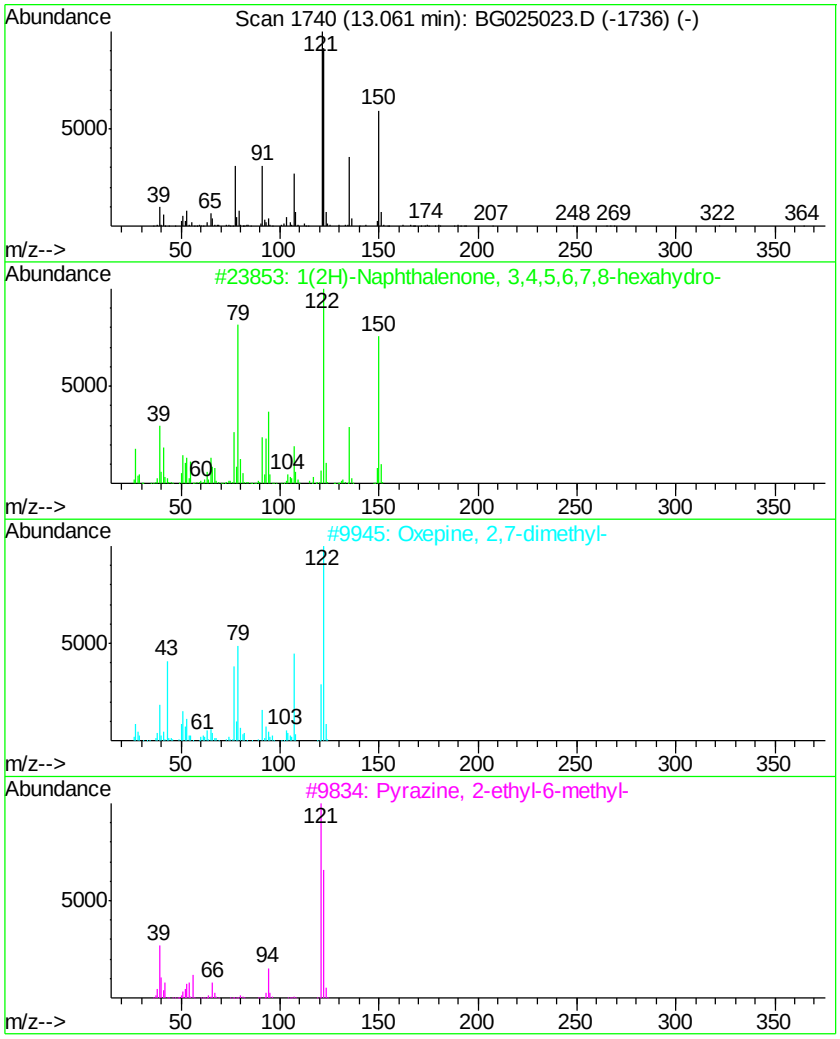
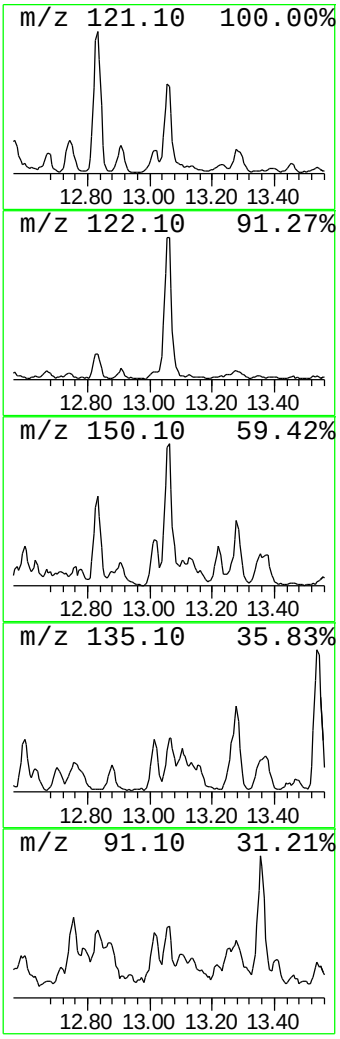
Peak Number 26 1(2H)-Naphthalenone, 3,4,5,... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	3.18 ng/ul	1344650	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4,5,6,7,8...	150	C10H14O	018631-96-4	52
2	Oxepine, 2,7-dimethyl-	122	C8H10O	001487-99-6	50
3	Pyrazine, 2-ethyl-6-methyl-	122	C7H10N2	013925-03-6	49
4	Pyrazine, 2-ethyl-5-methyl-	122	C7H10N2	013360-64-0	49
5	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	47





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

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Quant Title : SVOA CALIBRATION

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

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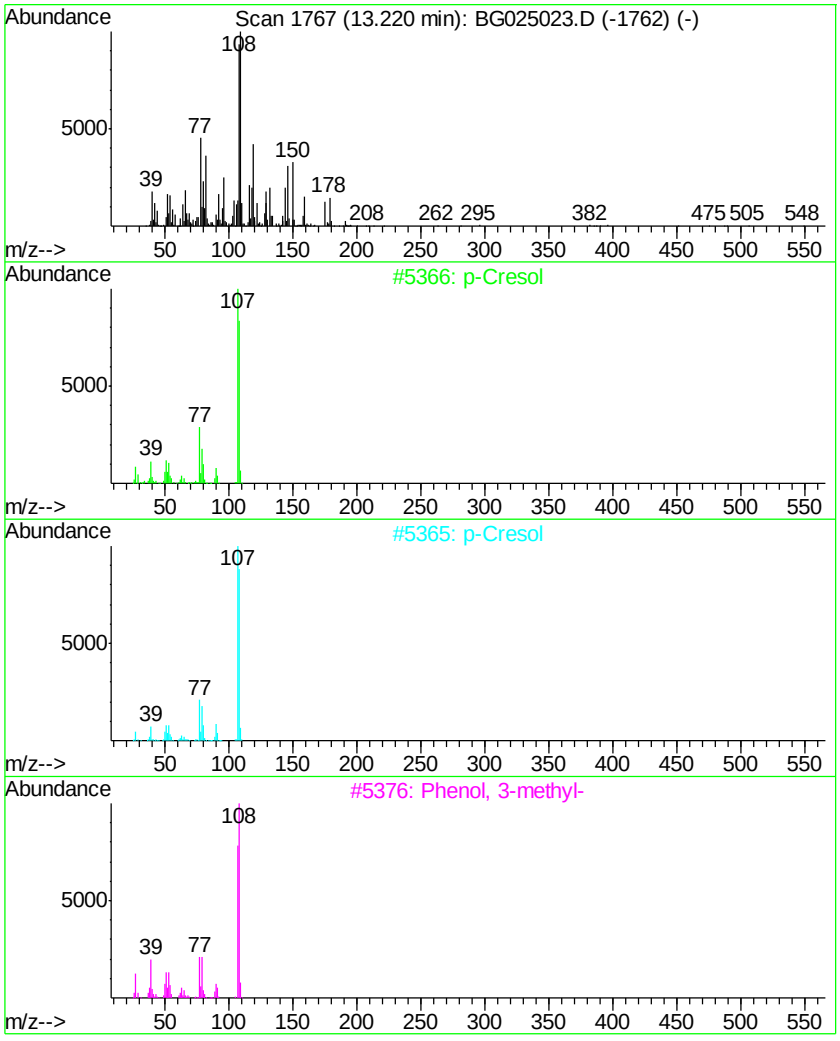
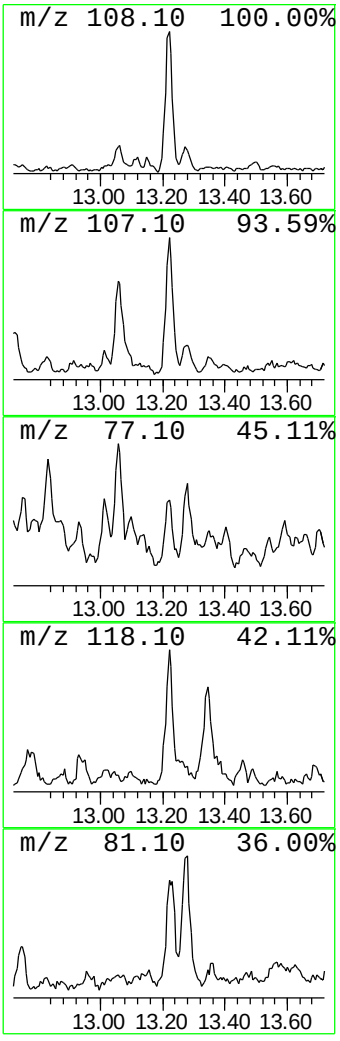
Peak Number 28 unknown-02 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	4.51 ng/ul	1909700	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cresol	108	C7H8O	000106-44-5	49
2	p-Cresol	108	C7H8O	000106-44-5	49
3	Phenol, 3-methyl-	108	C7H8O	000108-39-4	49
4	2-Acetyl-1-phenylhydrazine	150	C8H10N2O	000114-83-0	46
5	Phenol, 3-methyl-	108	C7H8O	000108-39-4	45





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Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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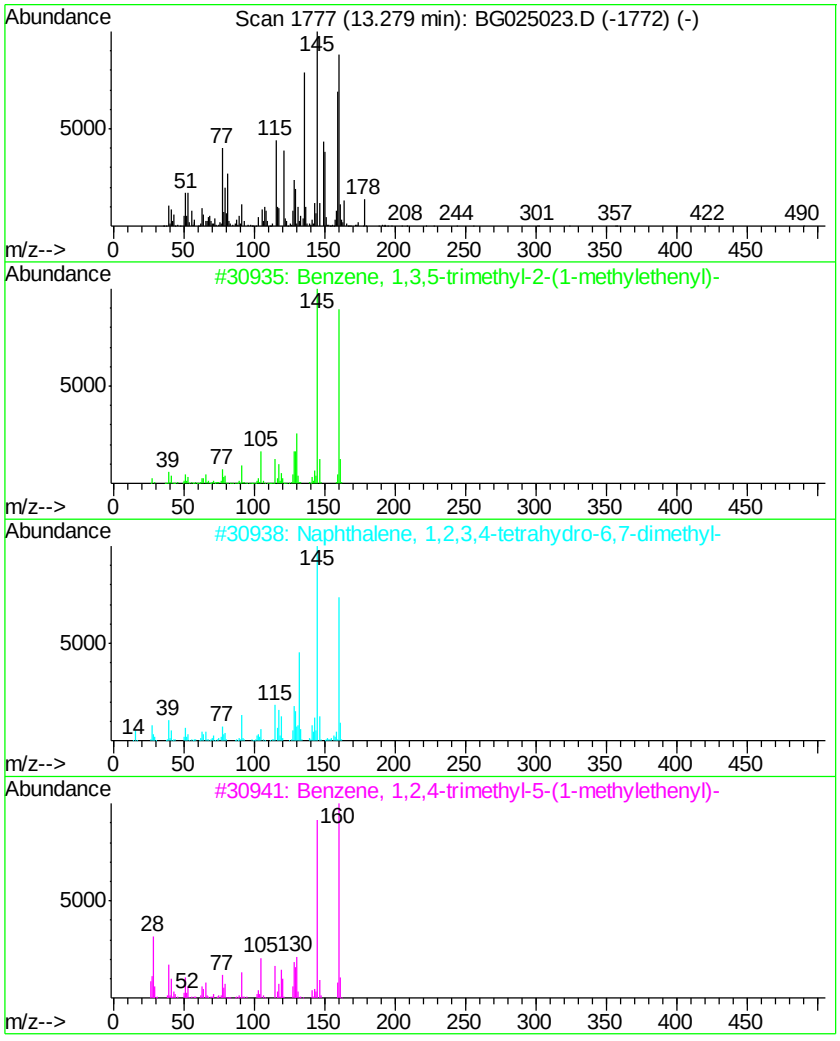
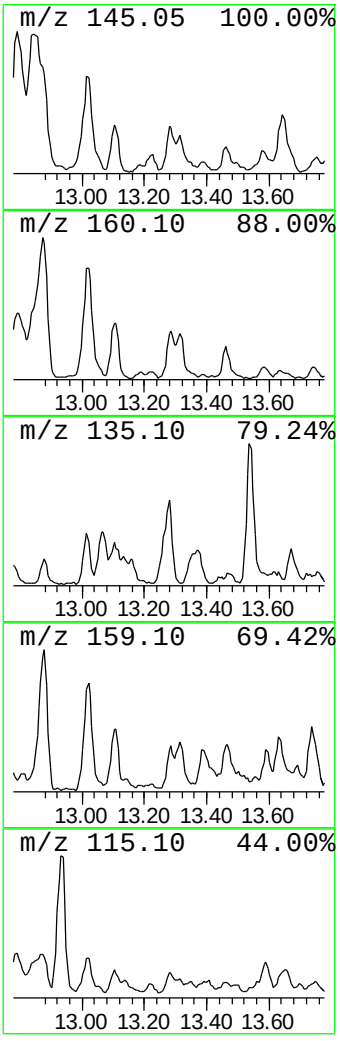
Peak Number 29 unknown-03 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	7.46 ng/ul	3159000	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	42
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	42
3	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	41
4	Oct-3-ene-1,5-diyne, 3-isopropyl...	160	C12H16	1000211-23-1	38
5	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	38





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Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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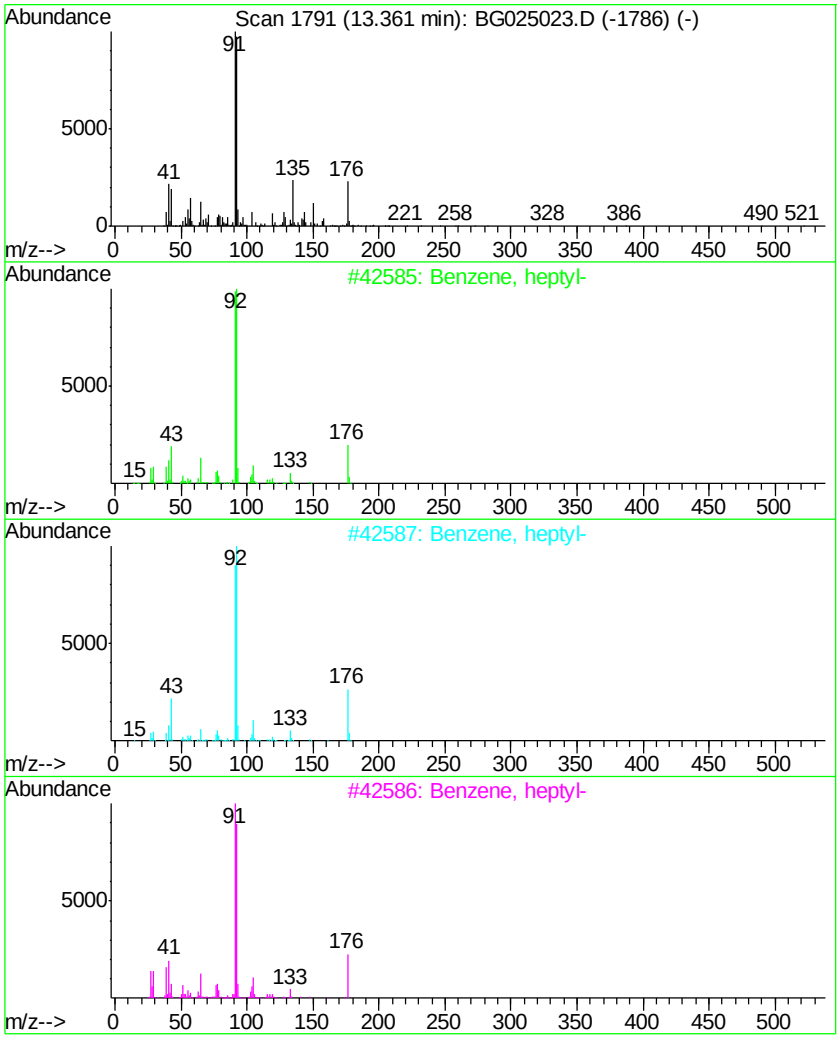
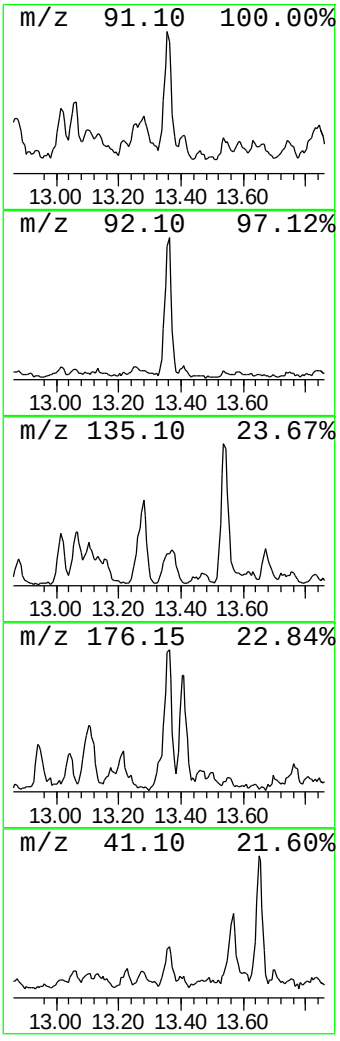
Peak Number 30 Benzene, heptyl- Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	3.42 ng/ul	1448700	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, heptyl-	176	C13H20	001078-71-3	70
2	Benzene, heptyl-	176	C13H20	001078-71-3	58
3	Benzene, heptyl-	176	C13H20	001078-71-3	58
4	Benzeneacetamide	135	C8H9NO	000103-81-1	50
5	Benzeneacetamide	135	C8H9NO	000103-81-1	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

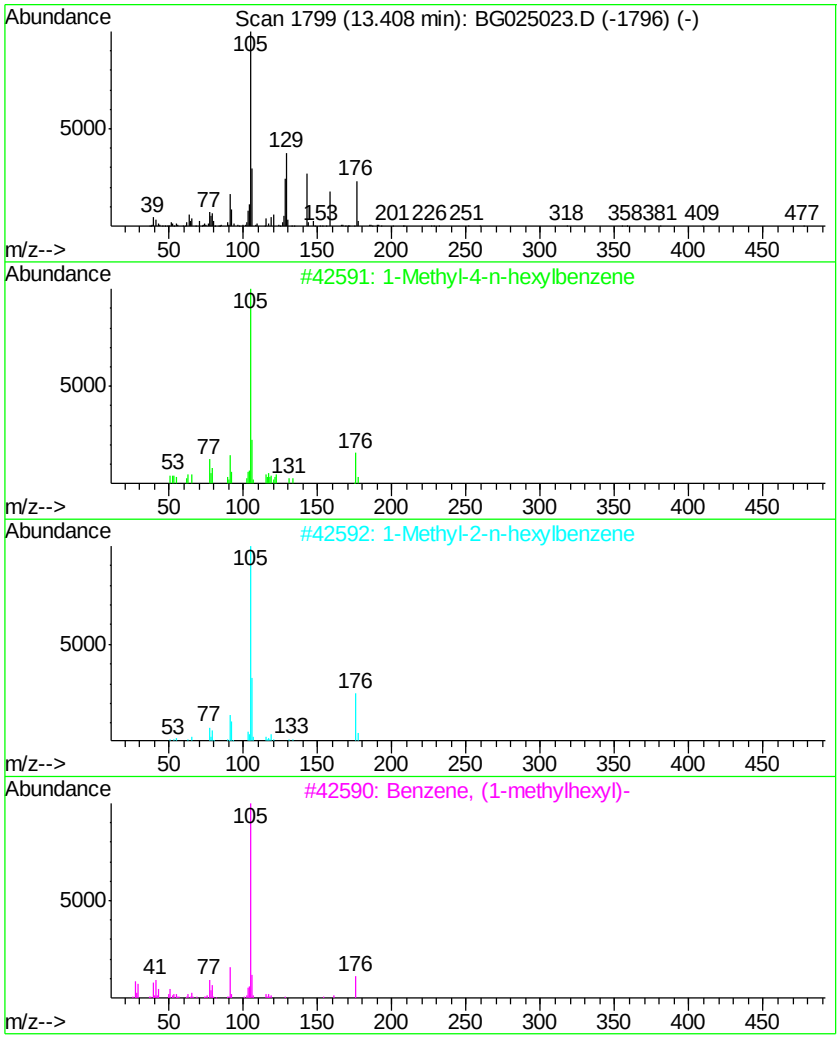
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

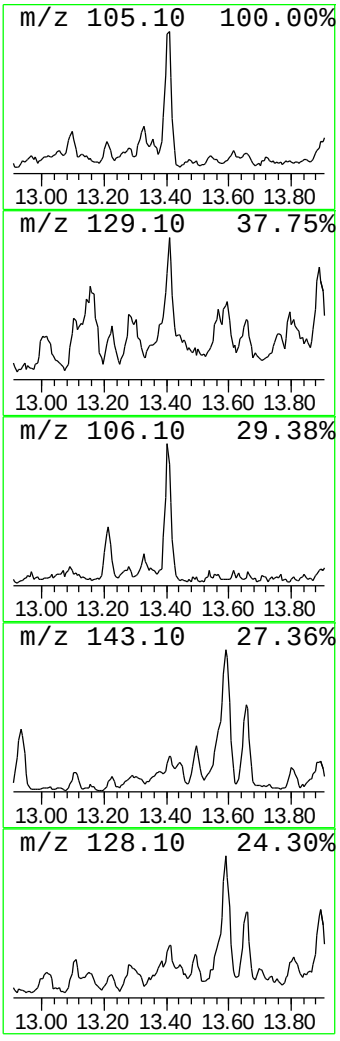
****

Peak Number 31 unknown-04 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.74 ng/ul	1158290	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-4-n-hexylbenzene	176	C13H20	001595-01-3	38
2	1-Methyl-2-n-hexylbenzene	176	C13H20	001595-10-4	30
3	Benzene, (1-methylhexyl)-	176	C13H20	002132-84-5	22
4	(4-Methylphenyl) methanol, 1-met...	178	C12H18O	1000374-65-6	10
5	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	10





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Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

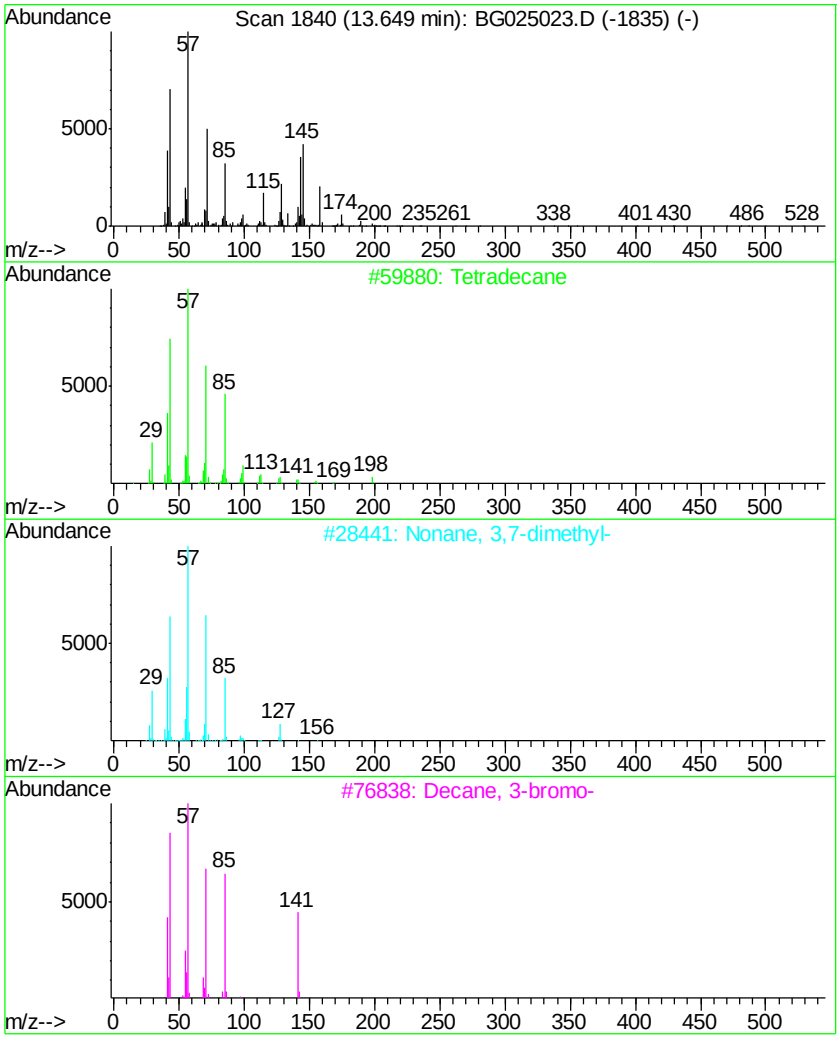
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

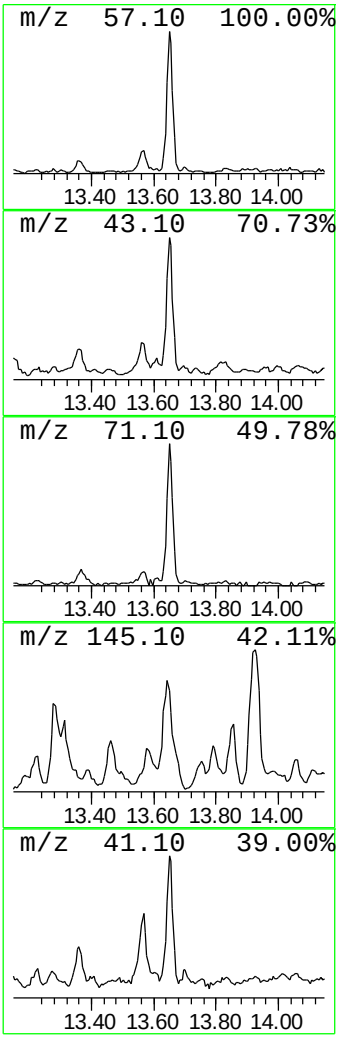
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	9.23 ng/ul	3905270	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	42
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
3	Decane, 3-bromo-	220	C10H21Br	030571-71-2	30
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	30
5	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	30





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Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

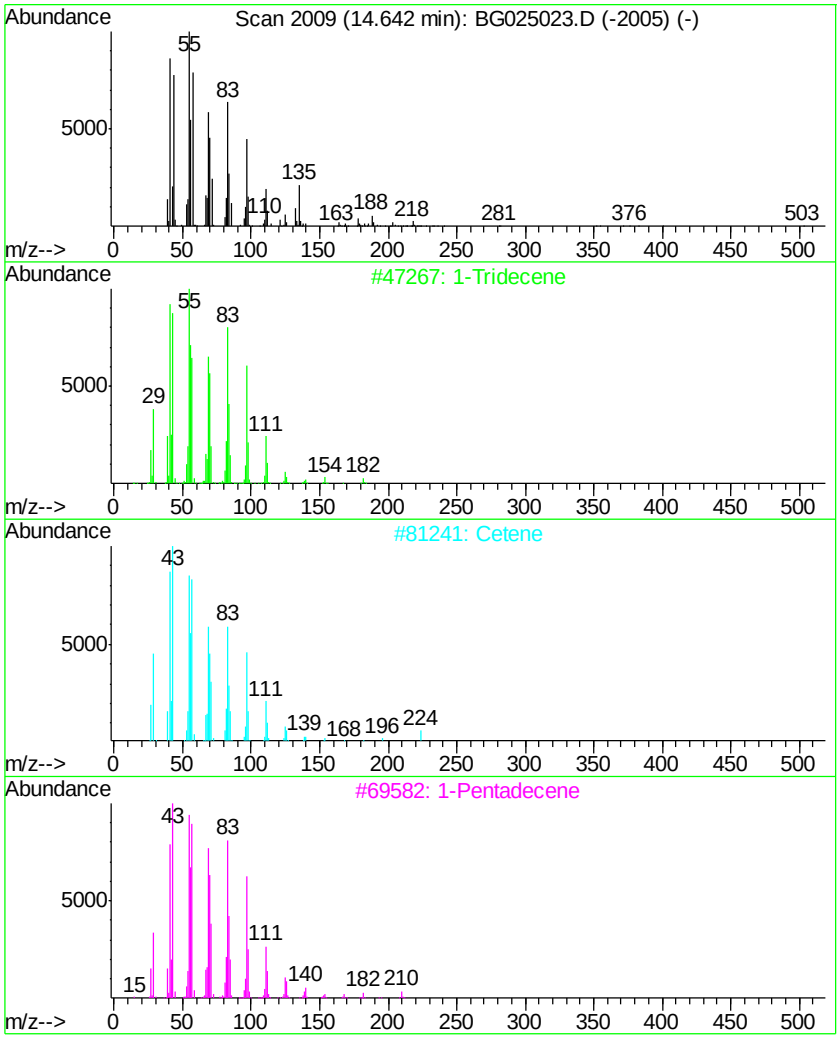
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

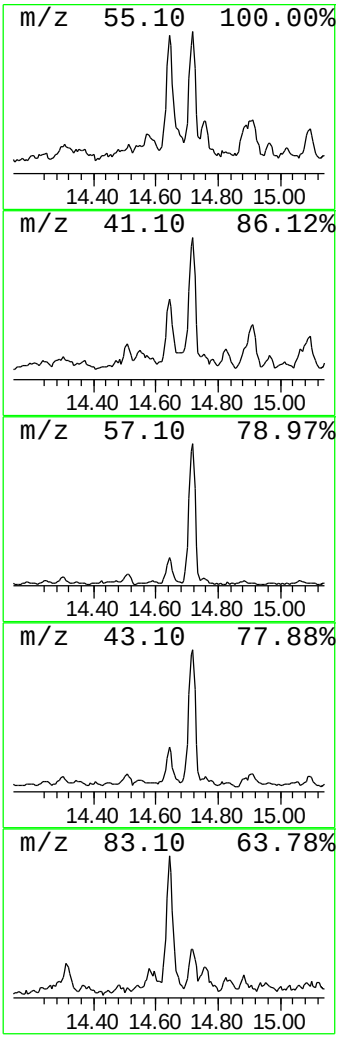
****

Peak Number 40 (DEL) Alkane: Cyclic14.64 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.61 ng/ul	1528420	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	97
2	Cetene	224	C16H32	000629-73-2	87
3	1-Pentadecene	210	C15H30	013360-61-7	87
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	87
5	Cetene	224	C16H32	000629-73-2	83





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Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

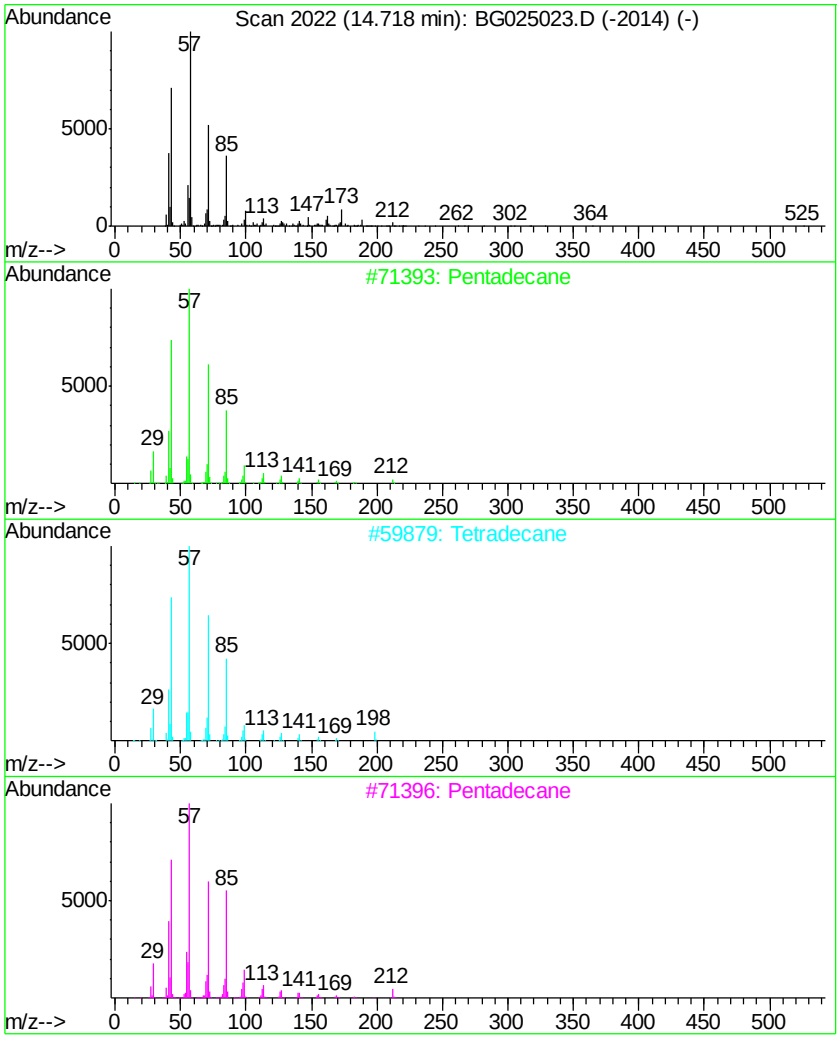
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

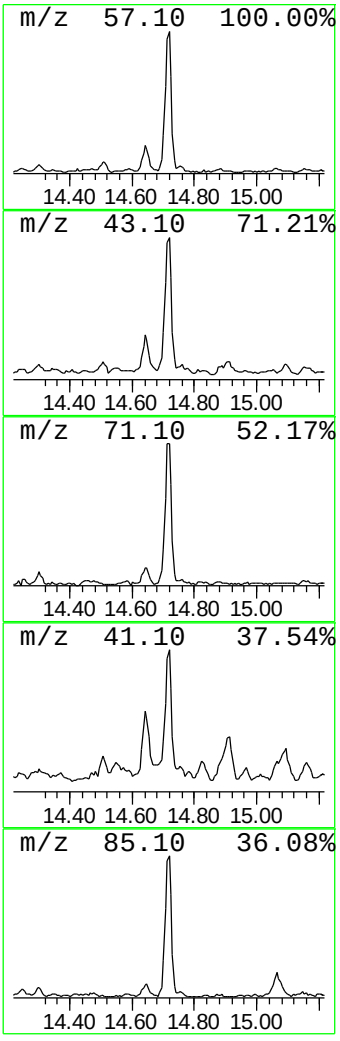
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	9.92 ng/ul	4199640	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Tetradecane	198	C14H30	000629-59-4	94
3	Pentadecane	212	C15H32	000629-62-9	81
4	Hexadecane	226	C16H34	000544-76-3	68
5	Hexadecane	226	C16H34	000544-76-3	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

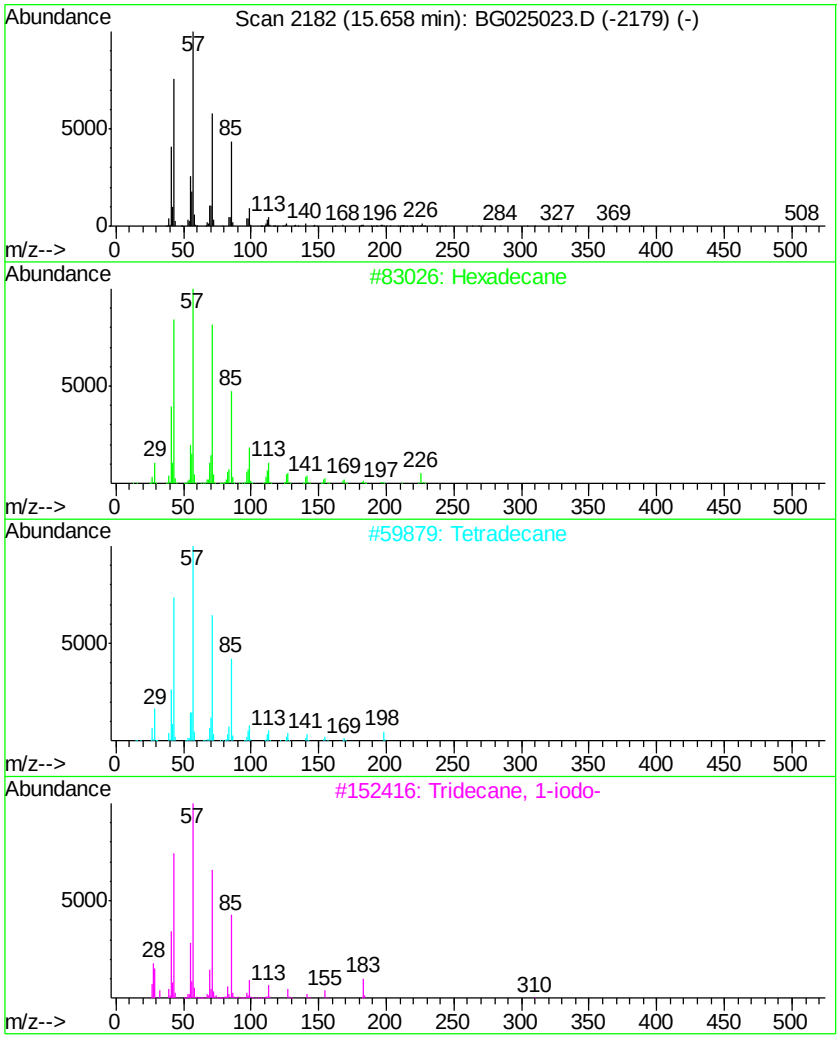
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

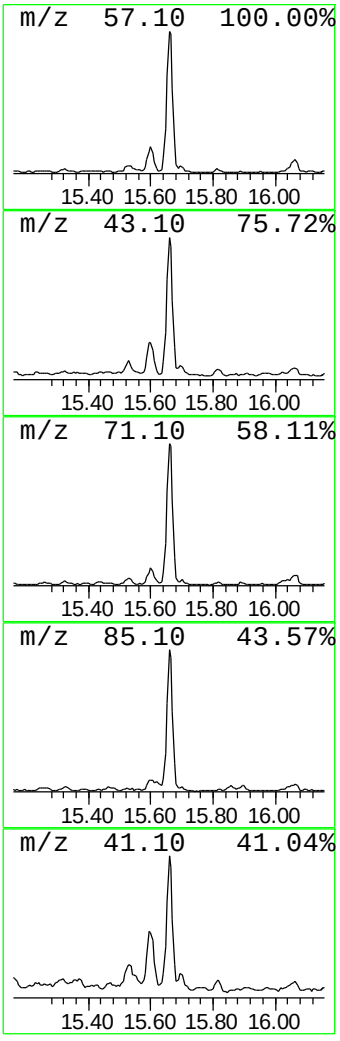
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	18.24 ng/ul	7720230	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
5	Hexadecane	226	C16H34	000544-76-3	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

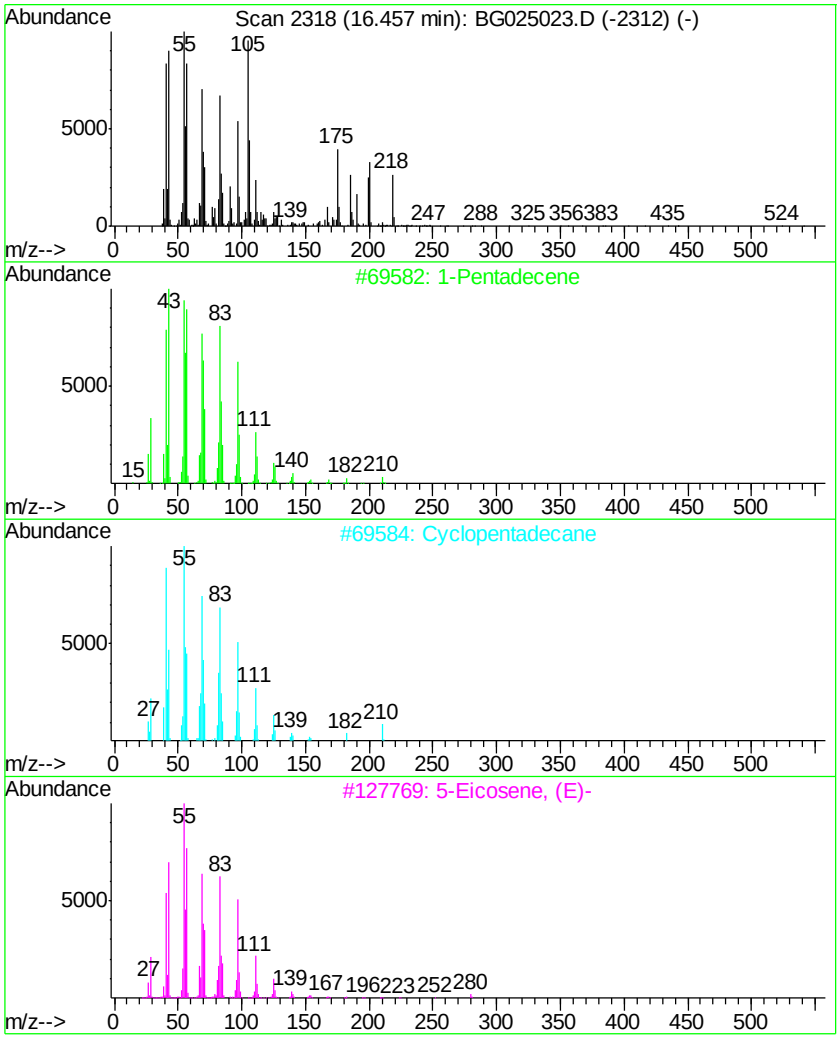
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

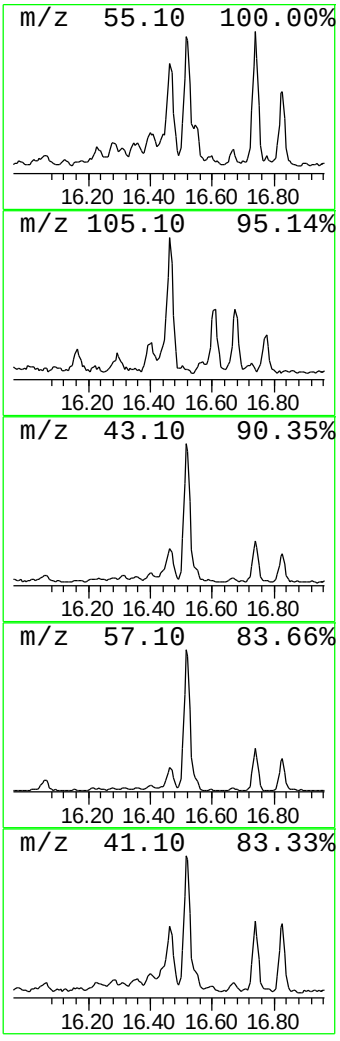
****

Peak Number 51 (DEL) Alkane: Cyclic16.46 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	39.89 ng/ul	4723120	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	78
2	Cyclopentadecane	210	C15H30	000295-48-7	64
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	64
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	64
5	Cyclotetradecane	196	C14H28	000295-17-0	64





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Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

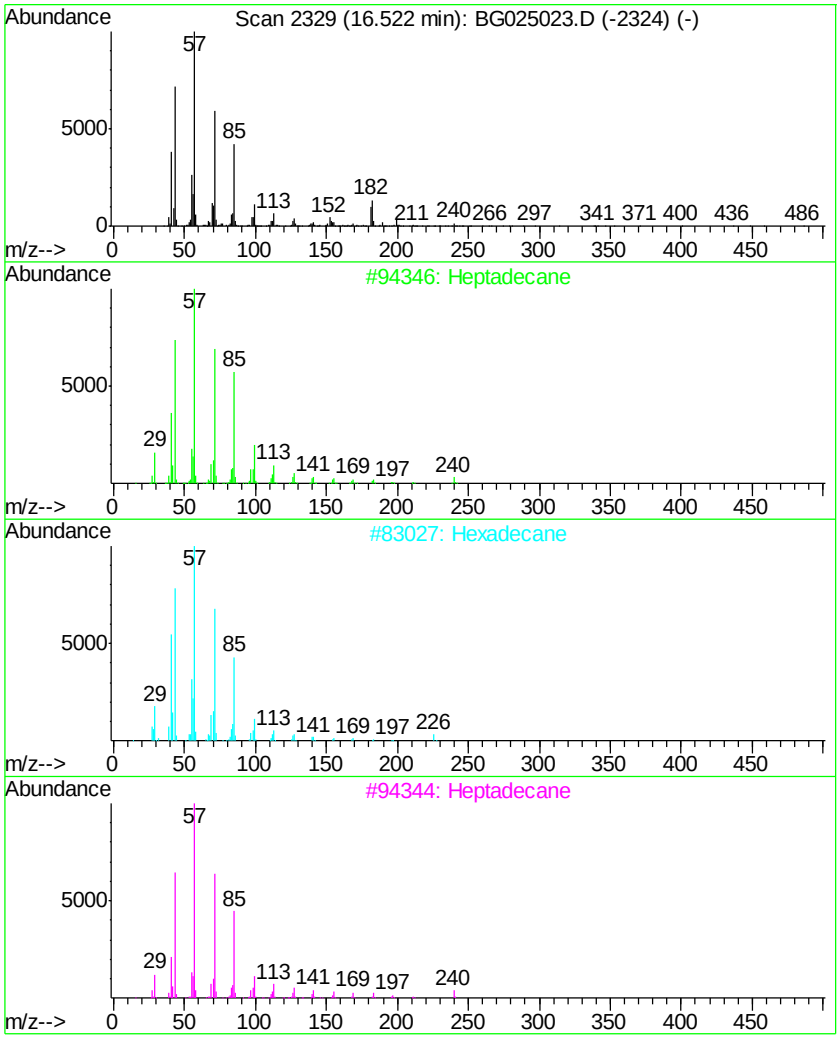
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

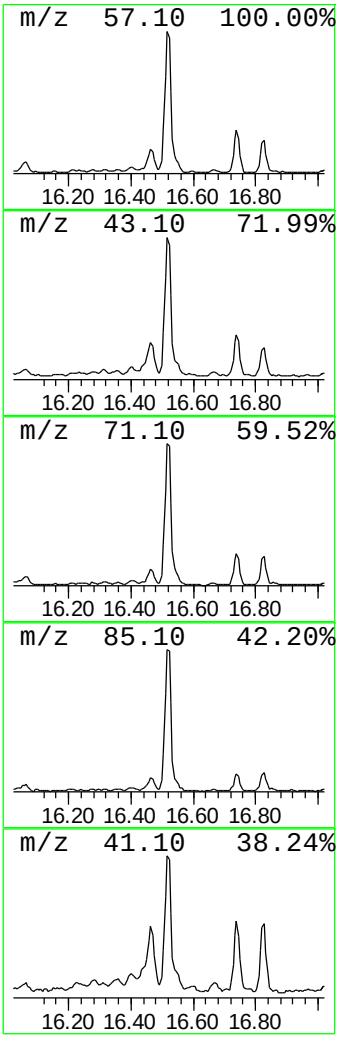
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	60.41 ng/ul	7152530	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexadecane	226	C16H34	000544-76-3	81
3	Heptadecane	240	C17H36	000629-78-7	81
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Eicosane	282	C20H42	000112-95-8	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

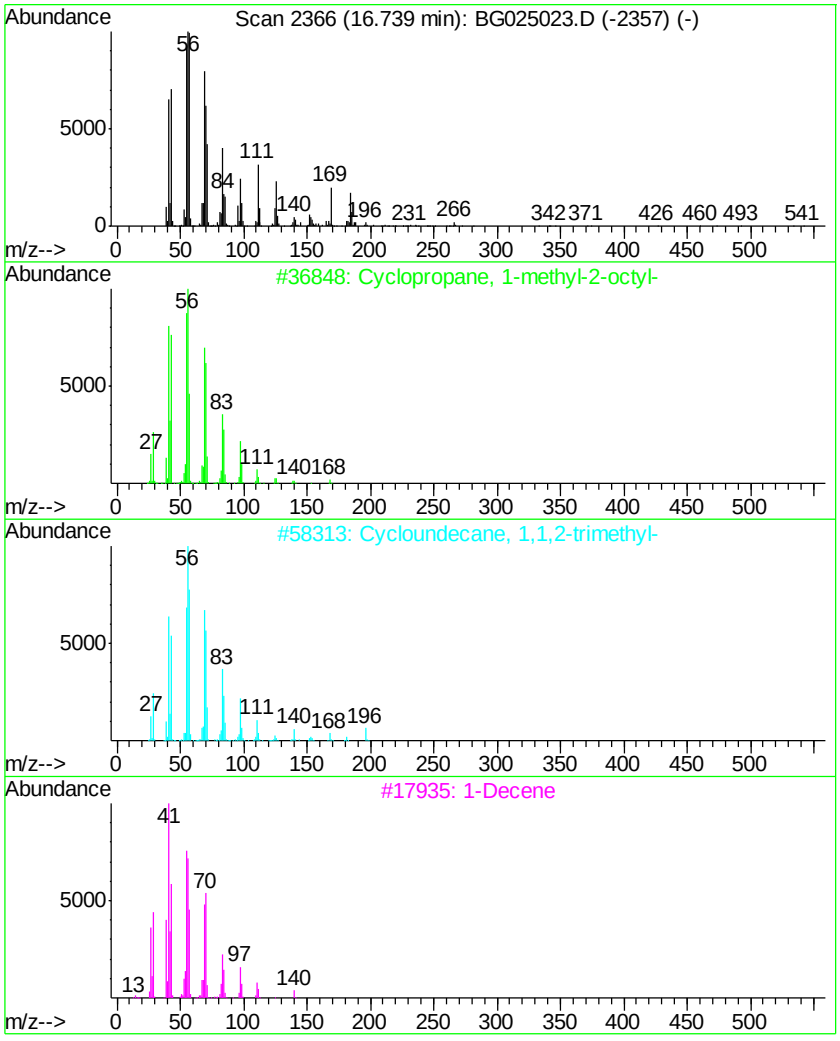
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

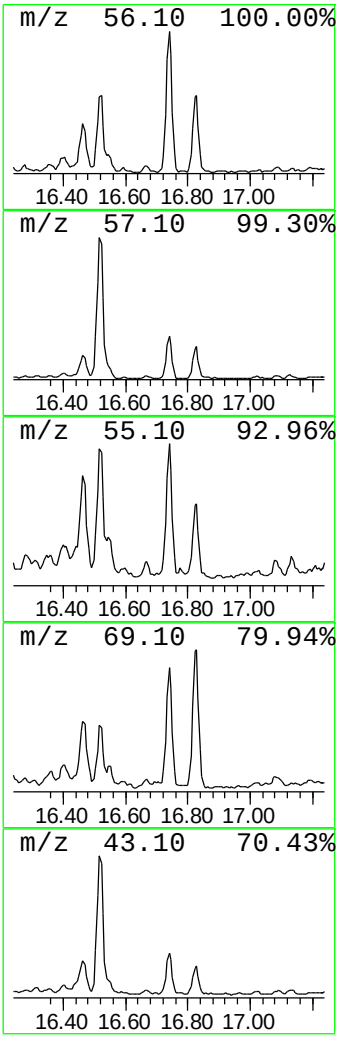
****

Peak Number 54 (DEL) Alkane: Cyclic16.74 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	32.84 ng/ul	3888380	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	68
2	Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	64
3	1-Decene	140	C10H20	000872-05-9	64
4	1-Undecene, 5-methyl-	168	C12H24	074630-38-9	55
5	1-Decene, 9-methyl-	154	C11H22	061142-78-7	52





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Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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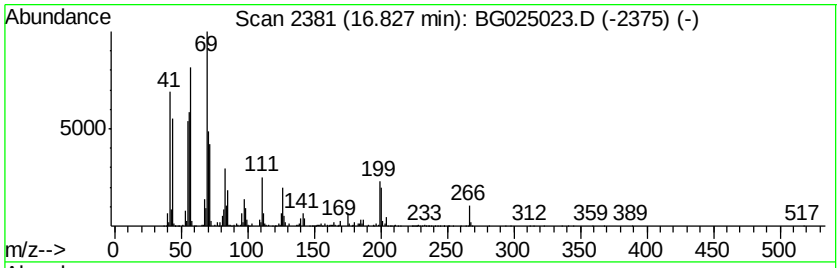
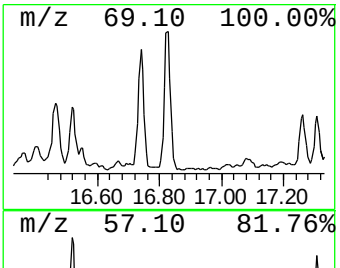
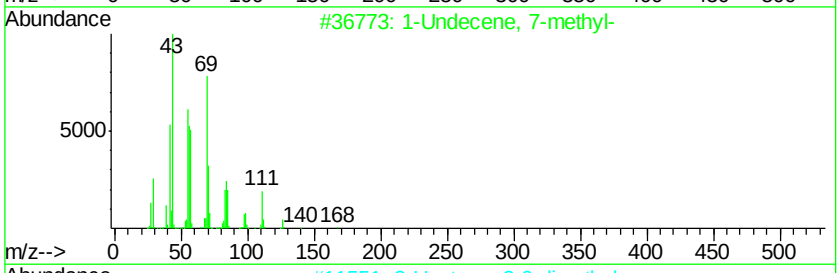
Peak Number 55 (DEL) Alkane: Cyclic16.83 Concentration Rank 15

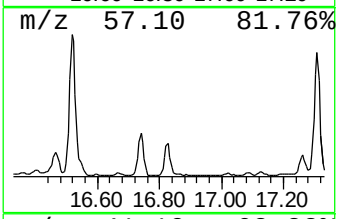
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	27.80 ng/ul	3291640	Phenanthrene-d10	17.61

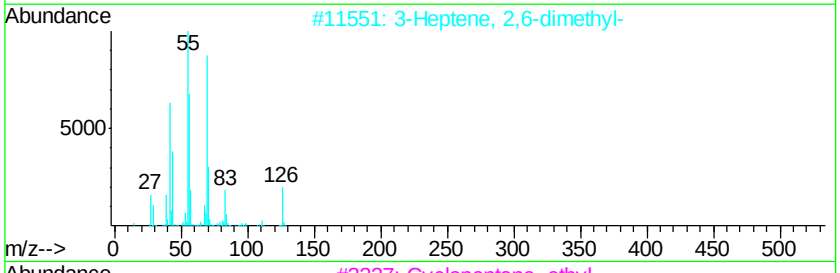
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	46
2	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	46
3	Cyclopentane, ethyl-	98	C7H14	001640-89-7	43
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	43
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	41

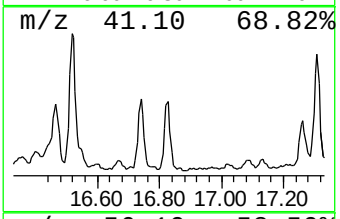


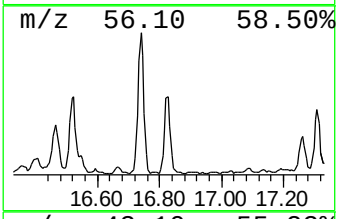


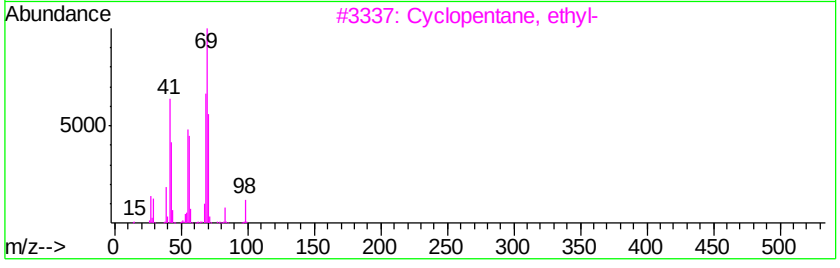


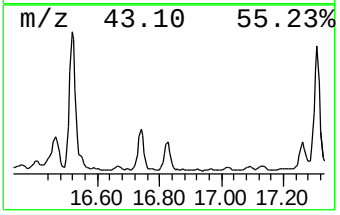












Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

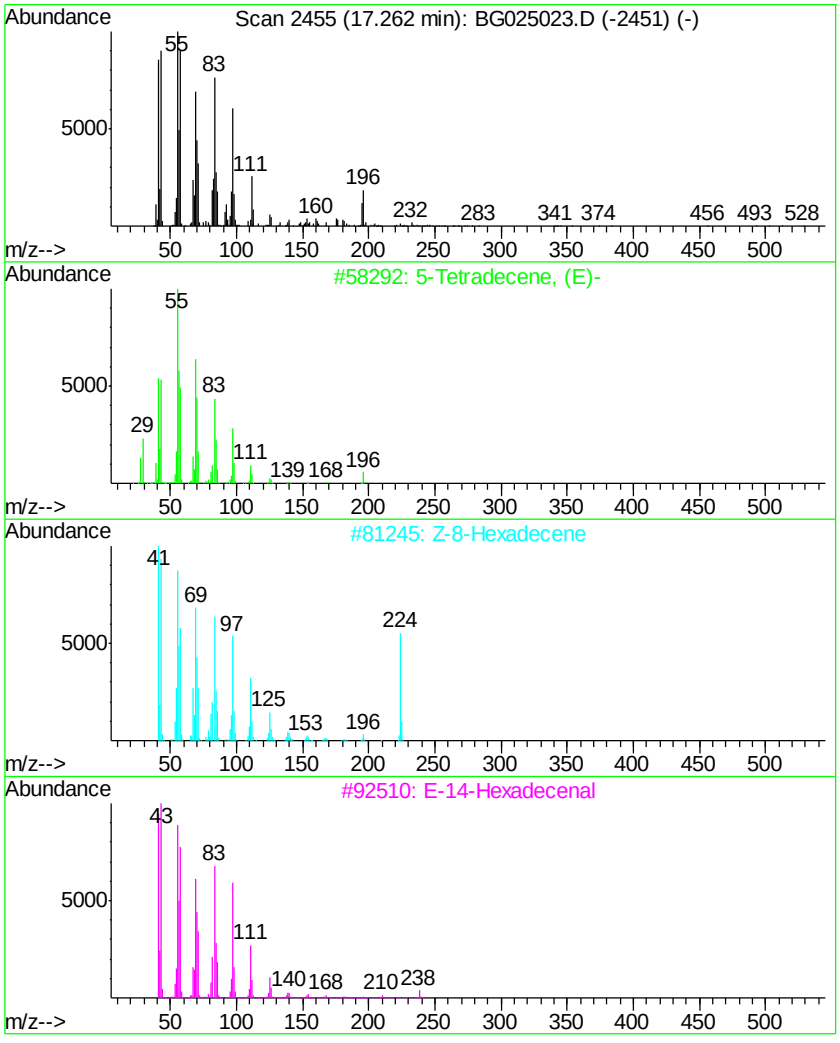
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

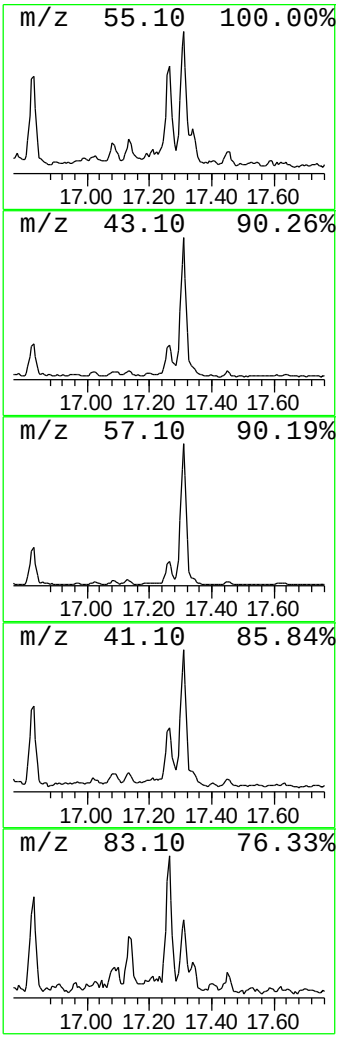
****

Peak Number 59 (DEL) Alkane: Cyclic17.26 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	20.11 ng/ul	2380980	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Tetradecene, (E)-	196	C14H28	041446-66-6	93
2	Z-8-Hexadecene	224	C16H32	1000130-87-5	93
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	90
4	1-Nonadecene	266	C19H38	018435-45-5	90
5	1-Hexadecanol	242	C16H34O	036653-82-4	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

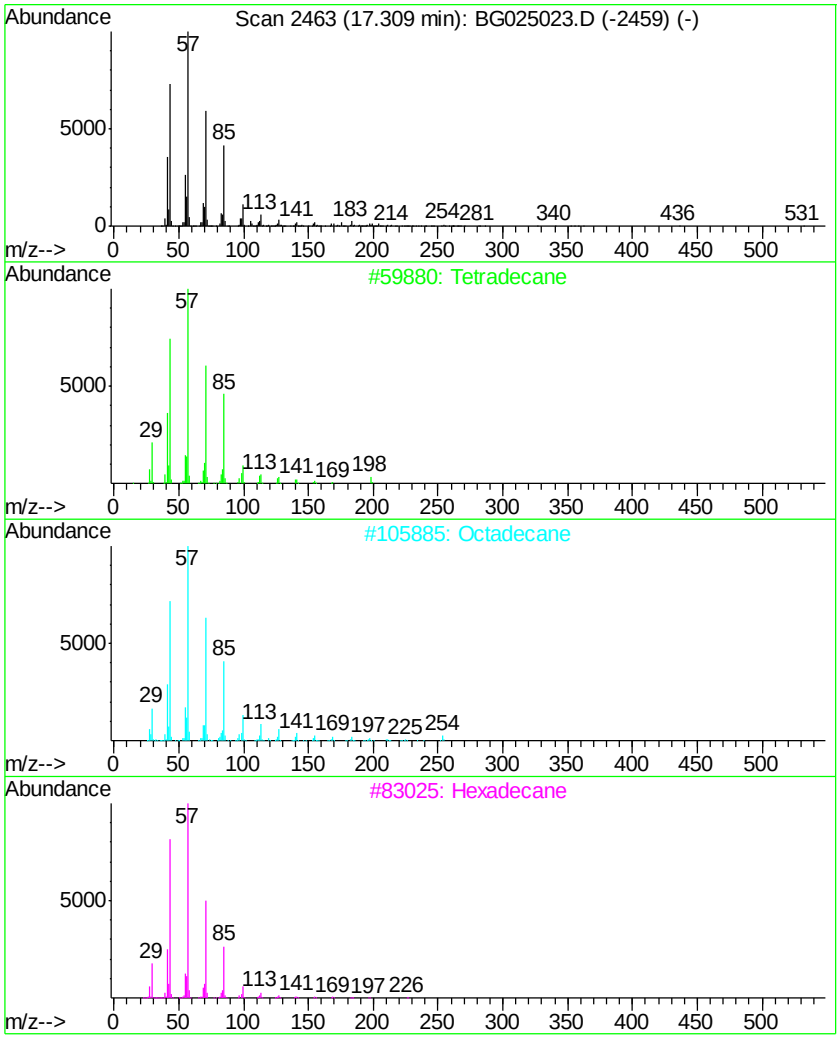
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

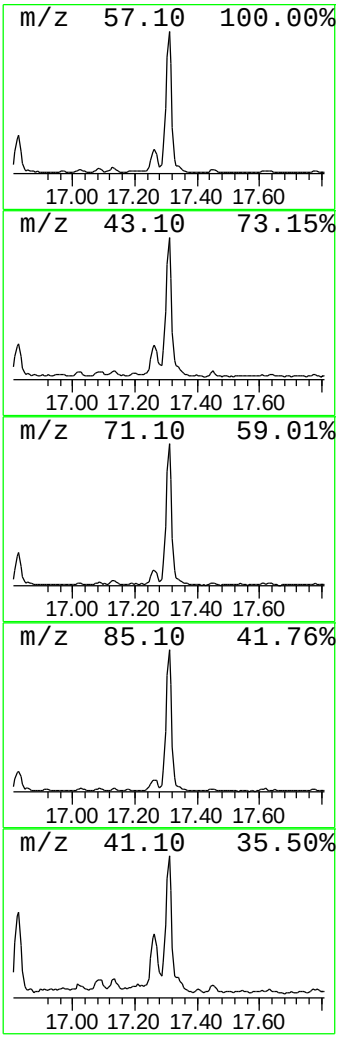
****

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	57.53 ng/ul	6811440	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Octadecane	254	C18H38	000593-45-3	92
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

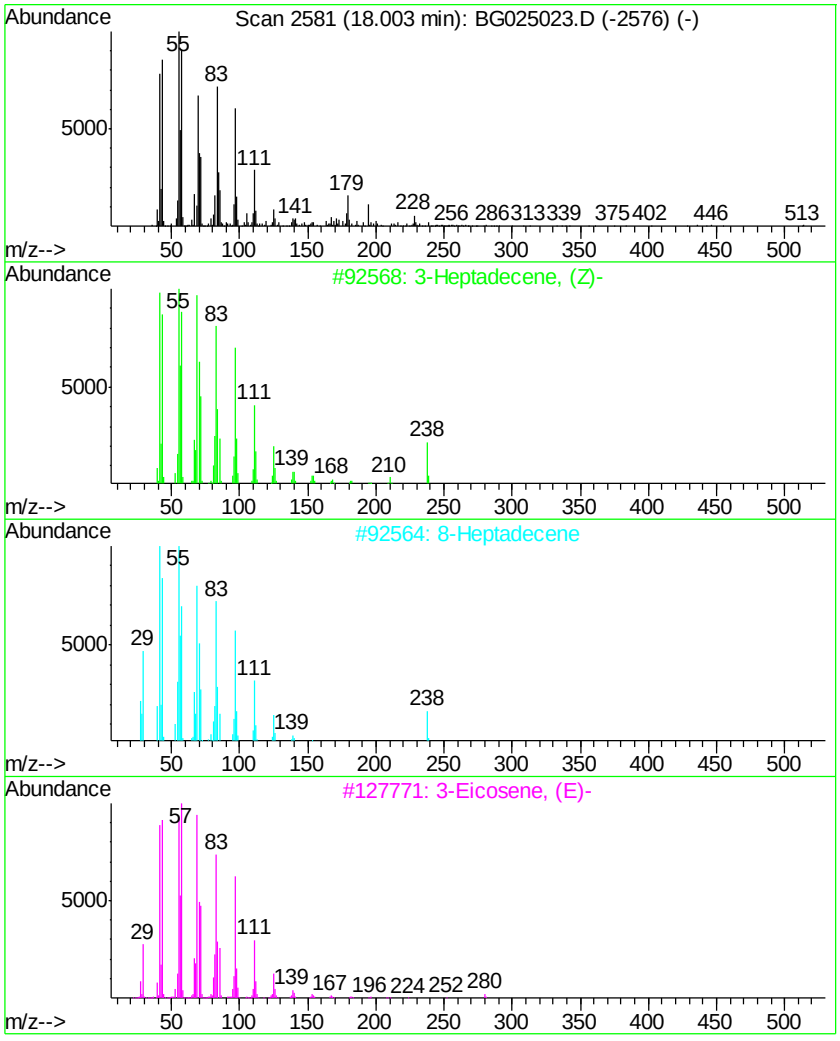
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

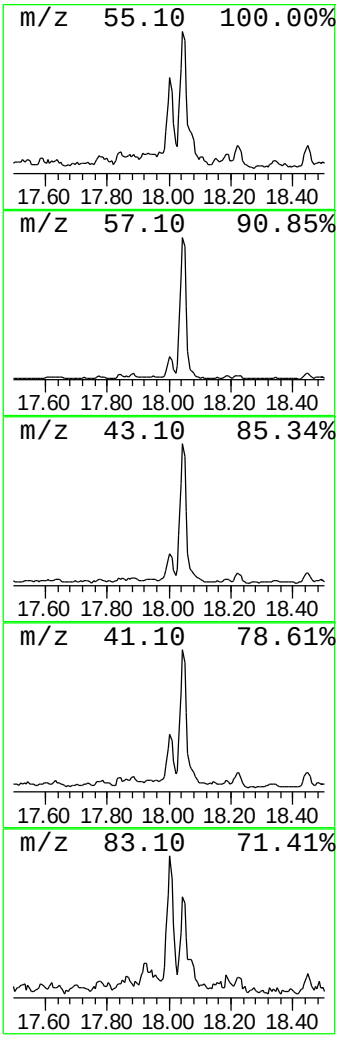
****

Peak Number 62 (DEL) Alkane: Cyclic18.00 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	13.13 ng/ul	1554800	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	96
2	8-Heptadecene	238	C17H34	002579-04-6	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Cyclotetradecane	196	C14H28	000295-17-0	89
5	1-Heptadecene	238	C17H34	006765-39-5	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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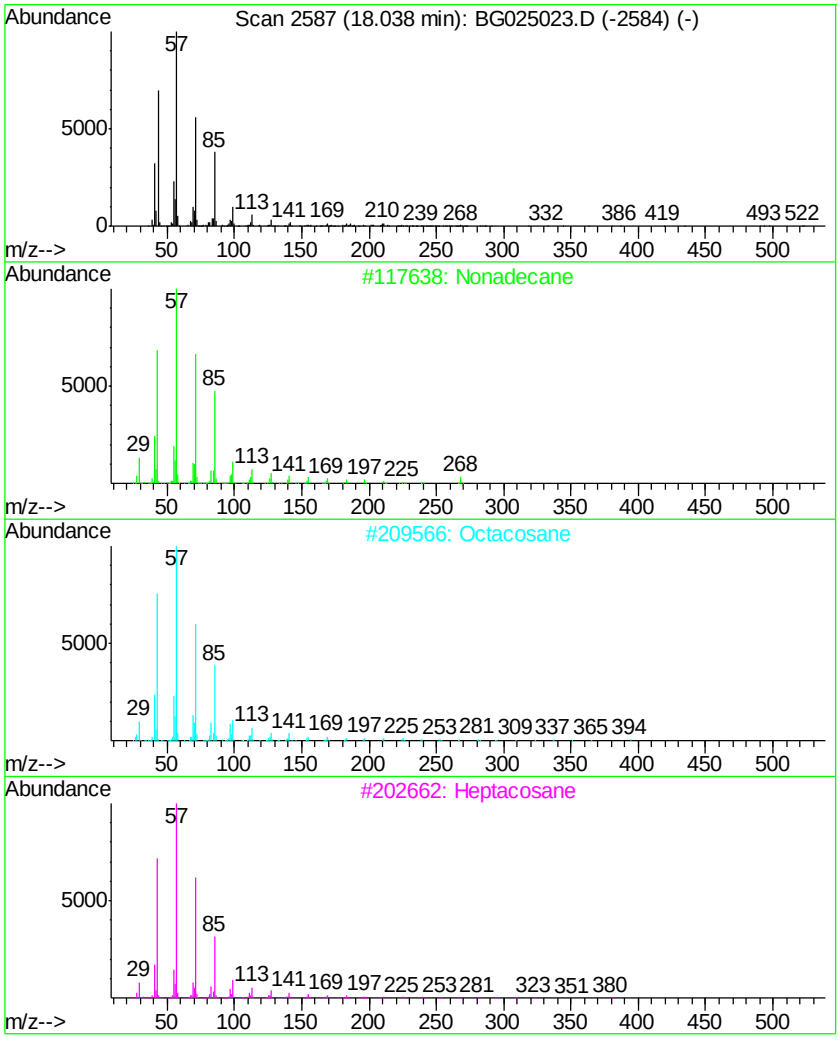
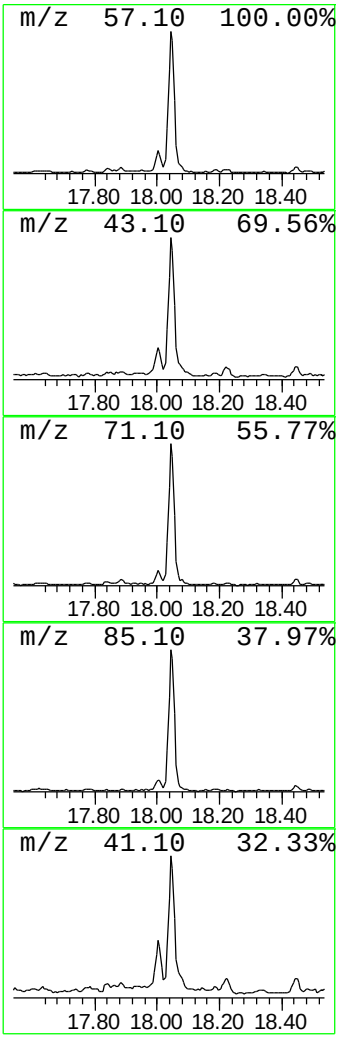
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	49.14 ng/ul	5818180	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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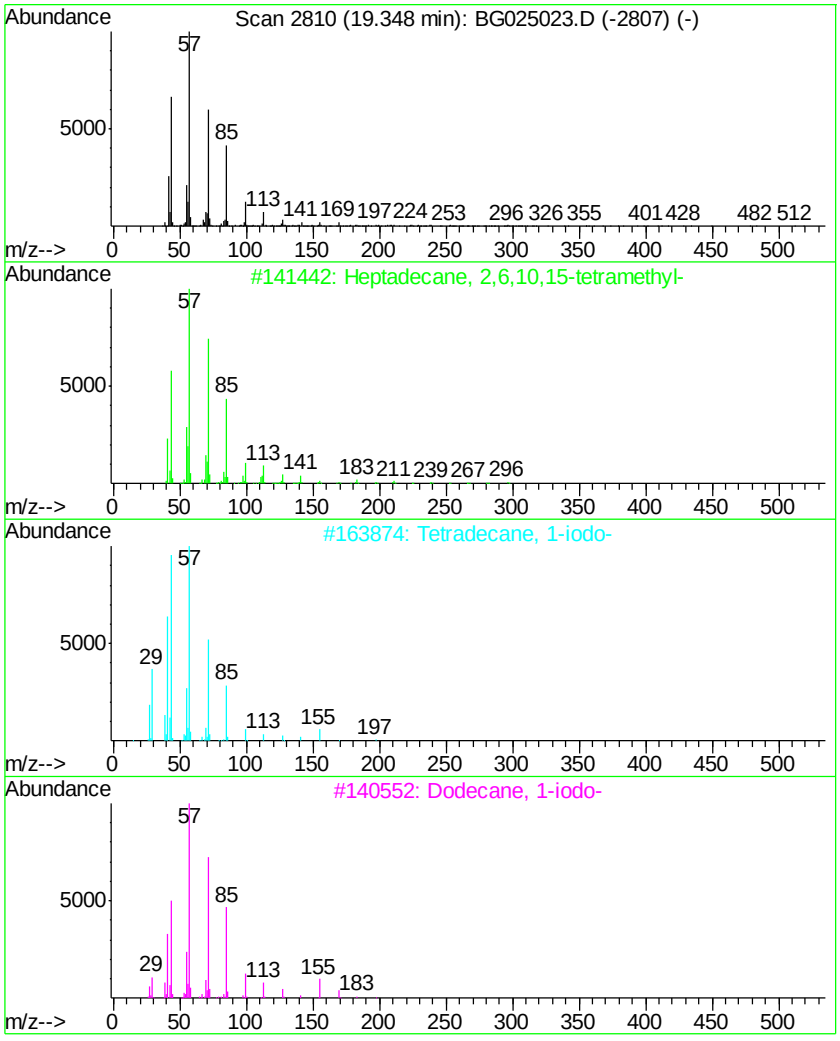
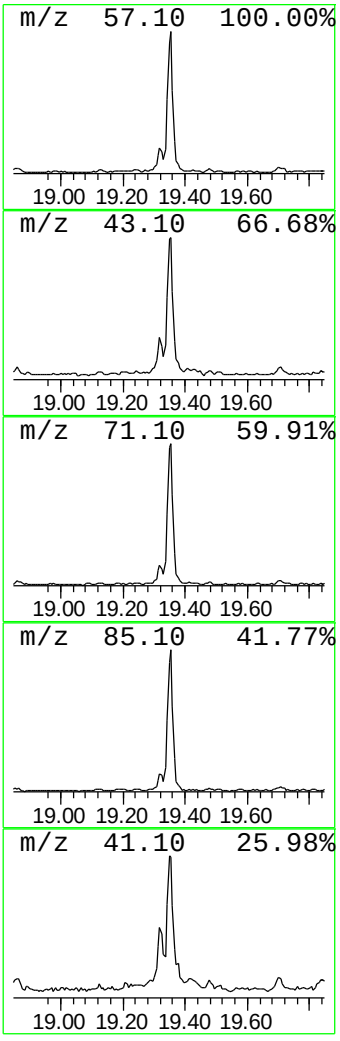
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	24.82 ng/ul	2939180	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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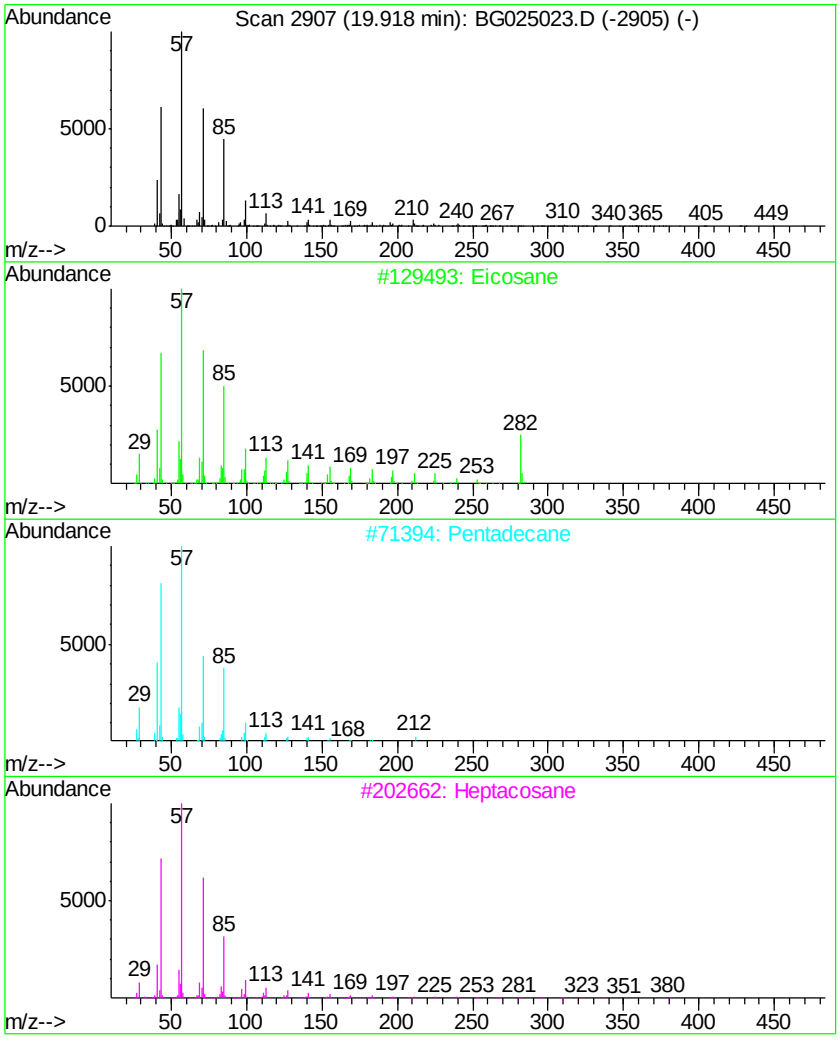
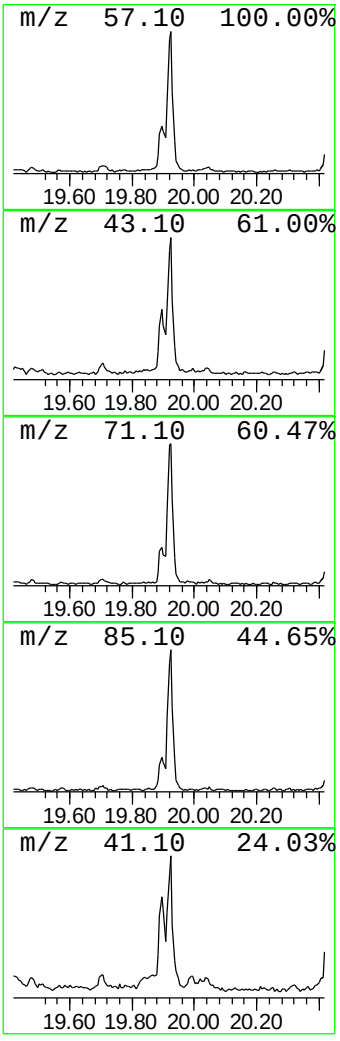
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	11.51 ng/ul	1903720	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Pentadecane	212	C15H32	000629-62-9	80
3	Heptacosane	380	C27H56	000593-49-7	72
4	1-Iodoundecane	282	C11H23I	004282-44-4	62
5	Docosane	310	C22H46	000629-97-0	60





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

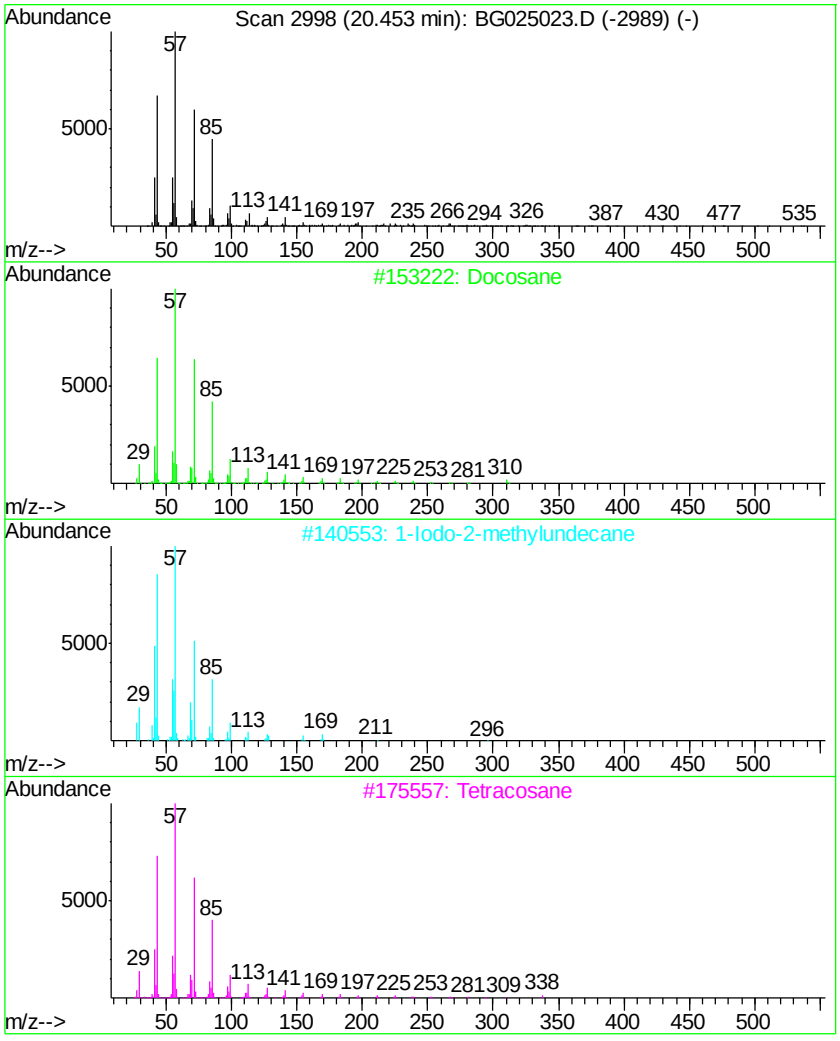
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

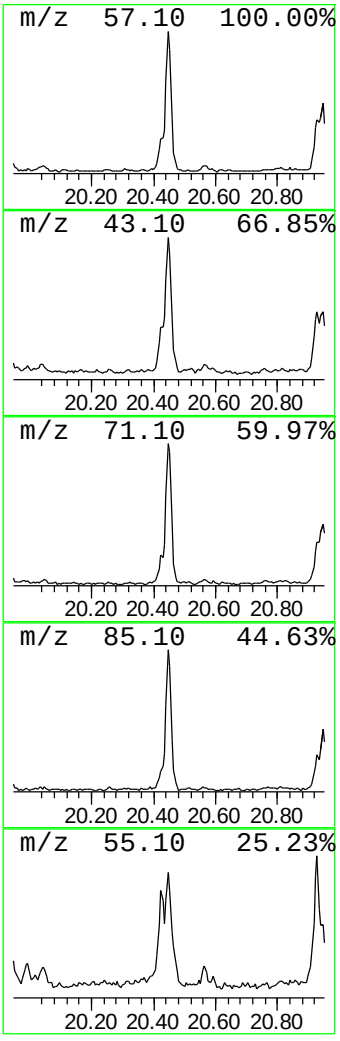
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	17.08 ng/ul	2825080	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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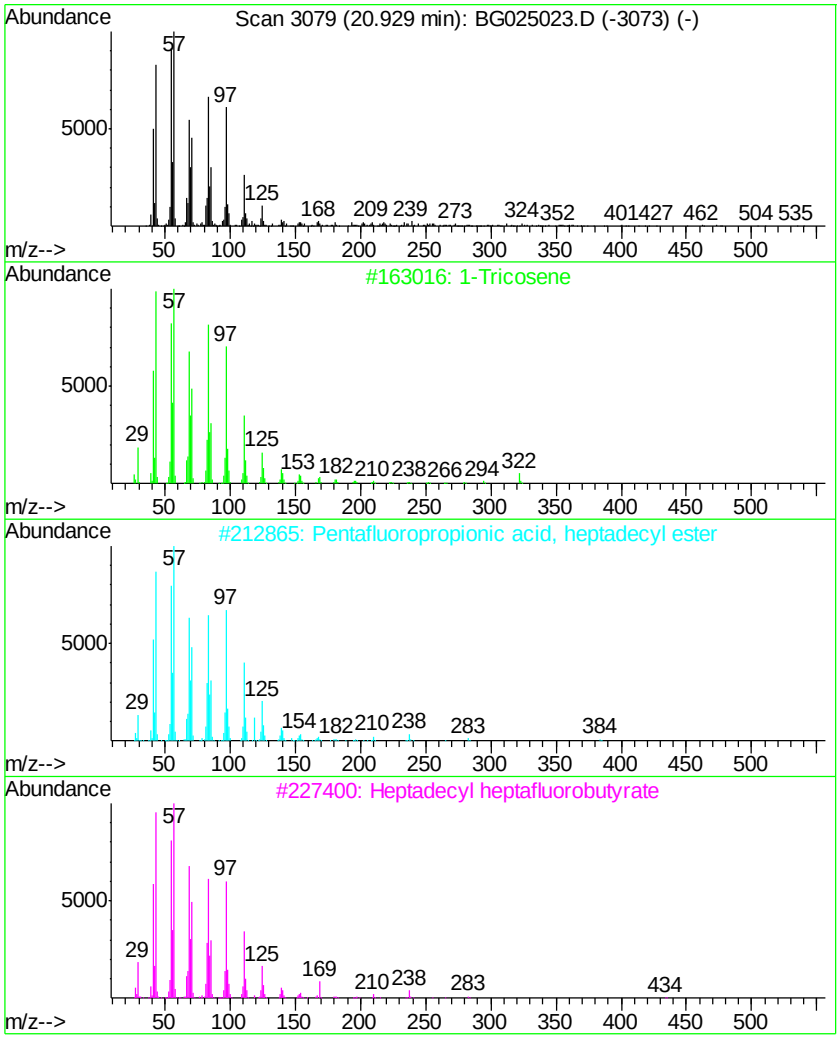
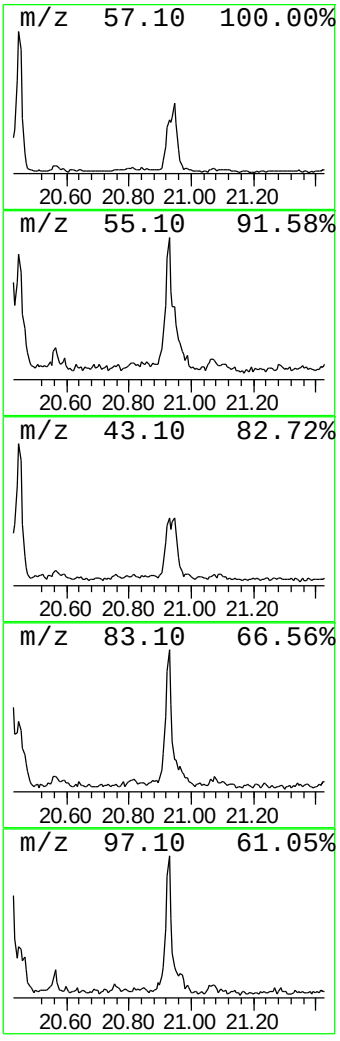
Peak Number 70 (DEL) Alkane: Cyclic20.93 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	14.25 ng/ul	2356410	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	91
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025023.D
Acq On : 9 Dec 2016 1:52
Operator : UM/SJ
Sample : H5863-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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, 1,2,4-tr...	7.87	20.0	ng/ul	1491820	1	8.24	1491820	20.0
Benzenepropanal	8.88	16.8	ng/ul	1254240	1	8.24	1491820	20.0
o-Cymene	9.34	18.2	ng/ul	1355730	1	8.24	1491820	20.0
Benzofuran, 7-met...	9.72	13.7	ng/ul	1598650	2	11.08	2333420	20.0
Benzofuran, 2-met...	9.79	25.9	ng/ul	3024160	2	11.08	2333420	20.0
Phenol, 3-ethyl-	10.49	56.0	ng/ul	6533120	2	11.08	2333420	20.0
Phenol, 2,6-dimet...	10.53	16.8	ng/ul	1963570	2	11.08	2333420	20.0
Phenol, 2-ethyl-6...	10.88	13.7	ng/ul	1593410	2	11.08	2333420	20.0
2-Propenal, 2-met...	11.30	41.6	ng/ul	4858640	2	11.08	2333420	20.0
Benzonitrile, 4-(...	11.43	36.3	ng/ul	4231300	2	11.08	2333420	20.0
1H-Benzimidazole,...	11.47	54.0	ng/ul	6299740	2	11.08	2333420	20.0
1H-Benzimidazole,...	11.54	10.9	ng/ul	1273060	2	11.08	2333420	20.0
Phenol, 4-ethyl-3...	11.59	23.3	ng/ul	2712320	2	11.08	2333420	20.0
Phenol, 2-ethyl-4...	11.66	19.7	ng/ul	2296870	2	11.08	2333420	20.0
Phenol, 3-propyl-	11.89	89.8	ng/ul	10476700	2	11.08	2333420	20.0
Phenol, 2,4,6-tri...	12.07	25.6	ng/ul	2981490	2	11.08	2333420	20.0
Phenol, 2,3,6-tri...	12.13	17.1	ng/ul	1995080	2	11.08	2333420	20.0
1H-Indene, 1,3-di...	12.27	26.2	ng/ul	3058960	2	11.08	2333420	20.0
(DEL) Alkane: Str...	12.43	28.3	ng/ul	3297150	2	11.08	2333420	20.0
1H-Inden-1-one, 2...	12.60	31.2	ng/ul	3644580	2	11.08	2333420	20.0
Phenol, 2-(1-meth...	12.83	10.4	ng/ul	1207240	2	11.08	2333420	20.0
unknown-01	12.87	26.4	ng/ul	3075790	2	11.08	2333420	20.0
Naphthalene, 1-me...	12.93	51.3	ng/ul	5986230	2	11.08	2333420	20.0
2,5,6-Trimethylbe...	13.01	9.3	ng/ul	3957070	3	14.87	8465830	20.0
1(2H)-Naphthaleno...	13.06	3.2	ng/ul	1344650	3	14.87	8465830	20.0
unknown-02	13.22	4.5	ng/ul	1909700	3	14.87	8465830	20.0
unknown-03	13.28	7.5	ng/ul	3159000	3	14.87	8465830	20.0
Benzene, heptyl-	13.36	3.4	ng/ul	1448700	3	14.87	8465830	20.0
unknown-04	13.41	2.7	ng/ul	1158290	3	14.87	8465830	20.0
(DEL) Alkane: Str...	13.65	9.2	ng/ul	3905270	3	14.87	8465830	20.0
(DEL) Alkane: Cyc...	14.64	3.6	ng/ul	1528420	3	14.87	8465830	20.0
(DEL) Alkane: Str...	14.72	9.9	ng/ul	4199640	3	14.87	8465830	20.0
(DEL) Alkane: Str...	15.66	18.2	ng/ul	7720230	3	14.87	8465830	20.0
(DEL) Alkane: Cyc...	16.46	39.9	ng/ul	4723120	4	17.61	2368150	20.0
(DEL) Alkane: Str...	16.52	60.4	ng/ul	7152530	4	17.61	2368150	20.0
(DEL) Alkane: Cyc...	16.74	32.8	ng/ul	3888380	4	17.61	2368150	20.0
(DEL) Alkane: Cyc...	16.83	27.8	ng/ul	3291640	4	17.61	2368150	20.0
(DEL) Alkane: Cyc...	17.26	20.1	ng/ul	2380980	4	17.61	2368150	20.0
(DEL) Alkane: Str...	17.31	57.5	ng/ul	6811440	4	17.61	2368150	20.0
(DEL) Alkane: Cyc...	18.00	13.1	ng/ul	1554800	4	17.61	2368150	20.0
(DEL) Alkane: Str...	18.04	49.1	ng/ul	5818180	4	17.61	2368150	20.0
(DEL) Alkane: Str...	19.35	24.8	ng/ul	2939180	4	17.61	2368150	20.0
(DEL) Alkane: Str...	19.92	11.5	ng/ul	1903720	5	21.90	3308180	20.0
(DEL) Alkane: Str...	20.45	17.1	ng/ul	2825080	5	21.90	3308180	20.0
(DEL) Alkane: Cyc...	20.93	14.3	ng/ul	2356410	5	21.90	3308180	20.0