LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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	5.388	428	434	439	rVB2	81341	144066	3.19%	0.133%
2	6.217	565	575	581	rVV5	74513	196986	4.36%	0.182%
3	7.380	764	773	792	rVB2	499836	1148769	25.44%	1.062%
4	7.550	792	802	808	rBV2	292612	531652	11.78%	0.491%
5	7.762	830	838	844	rVV	466013	811019	17.96%	0.749%
6	8.232	912	918	930	rVB	423478	790069	17.50%	0.730%
7	8.508	961	965	976	rVB5	56824	137390	3.04%	0.127%
8	8.872	1017	1027	1032	rBV6	63454	159745	3.54%	0.148%
9	8.937	1032	1038	1045	rVV2	604555	1098215	24.32%	1.015%
10	9.337	1096	1106	1111	rBV10	72067	173267	3.84%	0.160%
11	9.413	1111	1119	1127	rVB	525908	1056534	23.40%	0.976%
12	9.666	1156	1162	1167	rBV4	69169	144427	3.20%	0.133%
13	9.783	1178	1182	1189	rVB3	78176	132225	2.93%	0.122%
14	10.136	1229	1242	1251	rBV2	469403	948039	21.00%	0.876%
15	10.241	1251	1260	1265	rBV8	70251	217565	4.82%	0.201%
16	10.676	1327	1334	1341	rVV	696171	1244272	27.56%	1.150%
17	10.982	1381	1386	1391	rBV	120114	181106	4.01%	0.167%
18	11.064	1392	1400	1405	rVV2	623071	1202677	26.64%	1.111%
19	11.111	1405	1408	1414	rVB	245838	406995	9.01%	0.376%
20	11.199	1414	1423	1434	rBV4	220177	546750	12.11%	0.505%
21	11.287	1435	1438	1452	rVB6	62421	184016	4.08%	0.170%
22	11.416	1453	1460	1464	rBV7	73587	152915	3.39%	0.141%
23	11.463	1464	1468	1475	rVB4	77738	139068	3.08%	0.129%
24	11.869	1531	1537	1542	rBV5	73646	147600	3.27%	0.136%
25	12.415	1625	1630	1638	rBV3	214868	386114	8.55%	0.357%
26	12.697	1673	1678	1683	rBV	423782	773948	17.14%	0.715%
27	12.862	1697	1706	1710	rBV7	82185	179032	3.97%	0.165%
28	12.915	1710	1715	1723	rVB	416667	720399	15.96%	0.666%
29	13.003	1723	1730	1733	rBV9	80557	172185	3.81%	0.159%
30	13.103	1741	1747	1759	rVB9	95384	289766	6.42%	0.268%
31	13.208	1760	1765	1769	rBV6	79964	139708	3.09%	0.129%
32	13.350	1784	1789	1795	rBV9	109226	195808	4.34%	0.181%
33	13.449	1803	1806	1812	rVB8	77536	129365	2.87%	0.120%
34	13.561	1815	1825	1831	rBV5	133288	464257	10.28%	0.429%

LSC Area Percent Report

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Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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	13.637	1833	1838	1844	rVB	399916	583605	12.93%	0.539%
36	13.890	1876	1881	1894	rBV6	135593	426777	9.45%	0.394%
37	14.031	1896	1905	1915	rVB8	241893	728361	16.13%	0.673%
38	14.178	1924	1930	1934	rBV2	374845	806878	17.87%	0.746%
39	14.248	1935	1942	1946	rVV2	1191403	2343378	51.90%	2.165%
40	14.295	1946	1950	1961	rVB2	461722	809060	17.92%	0.748%
41	14.407	1965	1969	1973	rBV2	197095	308766	6.84%	0.285%
42	14.554	1987	1994	2003	rVB	1151986	2203348	48.80%	2.036%
43	14.701	2011	2019	2026	rVB	491279	850847	18.85%	0.786%
44	14.771	2028	2031	2034	rVB4	122148	139144	3.08%	0.129%
45	14.813	2034	2038	2041	rBV2	323460	511482	11.33%	0.473%
46	14.860	2041	2046	2049	rBV	830495	1279534	28.34%	1.182%
47	14.895	2050	2052	2060	rVB4	448932	620757	13.75%	0.574%
48	14.983	2064	2067	2073	rVB2	188713	301934	6.69%	0.279%
49	15.065	2074	2081	2088	rVV4	606358	1213483	26.88%	1.121%
50	15.147	2089	2095	2105	rVV	333510	758233	16.79%	0.701%
51	15.241	2105	2111	2118	rVB5	290350	716535	15.87%	0.662%
52	15.318	2120	2124	2128	rBV3	257952	388974	8.62%	0.359%
53	15.459	2143	2148	2154	rBV4	267290	506972	11.23%	0.468%
54	15.512	2154	2157	2160	rBV2	189233	249147	5.52%	0.230%
55	15.612	2167	2174	2177	rBV5	363133	889884	19.71%	0.822%
56	15.647	2177	2180	2190	rVB	736412	1224931	27.13%	1.132%
57	15.770	2197	2201	2209	rBV	492434	811113	17.97%	0.750%
58	15.841	2209	2213	2218	rBV2	1416289	2219007	49.15%	2.050%
59	15.964	2230	2234	2241	rVB	643679	912690	20.22%	0.843%
60	16.093	2254	2256	2261	rVB6	126244	185657	4.11%	0.172%
61	16.181	2263	2271	2279	rBV9	189511	640827	14.19%	0.592%
62	16.275	2283	2287	2293	rBV8	279510	559714	12.40%	0.517%
63	16.393	2303	2307	2310	rBV6	289152	393319	8.71%	0.363%
64	16.452	2311	2317	2322	rVB7	310825	599928	13.29%	0.554%
65	16.505	2322	2326	2329	rBV	917462	1389448	30.78%	1.284%
66	16.546	2330	2333	2340	rVB	1052757	1679090	37.19%	1.552%
67	16.669	2350	2354	2360	rBV5	287143	585716	12.97%	0.541%
68	16.728	2361	2364	2369	rVB4	448014	556987	12.34%	0.515%
69	16.875	2384	2389	2397	rBV3	390233	857946	19.00%	0.793%
70	16.951	2398	2402	2406	rVB5	236567	389984	8.64%	0.360%
71	17.251	2450	2453	2457	rBV5	286451	421491	9.34%	0.389%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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	17.298	2457	2461	2471	rVB	1032285	1634498	36.20%	1.510%
73	17.433	2480	2484	2491	rVB	428934	733873	16.25%	0.678%
74	17.603	2506	2513	2517	rBV3	1189142	2156381	47.76%	1.993%
75	17.644	2517	2520	2524	rVV	349604	442729	9.81%	0.409%
76	17.697	2524	2529	2536	rVB2	1611060	2638581	58.44%	2.438%
77	17.991	2577	2579	2583	rBV4	246139	326898	7.24%	0.302%
78	18.038	2583	2587	2597	rVB	1200953	1870471	41.43%	1.728%
79	18.444	2652	2656	2664	rBV2	1192081	1916666	42.45%	1.771%
80	18.649	2688	2691	2694	rBV2	308904	440308	9.75%	0.407%
81	18.684	2694	2697	2700	rVV4	641224	922946	20.44%	0.853%
82	18.720	2700	2703	2710	rVB	1199412	1540376	34.12%	1.423%
83	19.348	2806	2810	2816	rBV2	1342893	1931107	42.77%	1.784%
84	19.889	2899	2902	2904	rBV	950844	1155542	25.59%	1.068%
85	19.912	2904	2906	2912	rVV	2073753	2195211	48.62%	2.029%
86	19.971	2912	2916	2927	rVB2	2004292	3507698	77.69%	3.241%
87	20.441	2989	2996	3006	rVB2	2106597	3907512	86.55%	3.611%
88	20.923	3073	3078	3079	rBV	1500079	1906580	42.23%	1.762%
89	20.976	3083	3087	3092	rVB	2821821	4514781	100.00%	4.172%
90	21.464	3165	3170	3180	rVB	2157538	3476029	76.99%	3.212%
91	21.634	3195	3199	3213	rVB6	1287756	2772046	61.40%	2.562%
92	21.892	3239	3243	3249	rVB	1492299	2643682	58.56%	2.443%
93	22.004	3258	3262	3271	rBV4	898239	2242850	49.68%	2.073%
94	22.692	3375	3379	3388	rVB	986157	1854438	41.07%	1.714%
95	22.874	3406	3410	3422	rVB4	924003	2046857	45.34%	1.891%
96	23.355	3485	3492	3504	rVB3	1737012	4221115	93.50%	3.901%
97	23.461	3506	3510	3514	rVB	415709	622676	13.79%	0.575%
98	25.077	3778	3785	3799	rVB3	1172023	4071565	90.18%	3.762%
99	25.318	3819	3826	3842	rVB2	791329	2715354	60.14%	2.509%
100	25.911	3919	3927	3939	rVB3	798662	2398742	53.13%	2.217%

Sum of corrected areas: 108218408

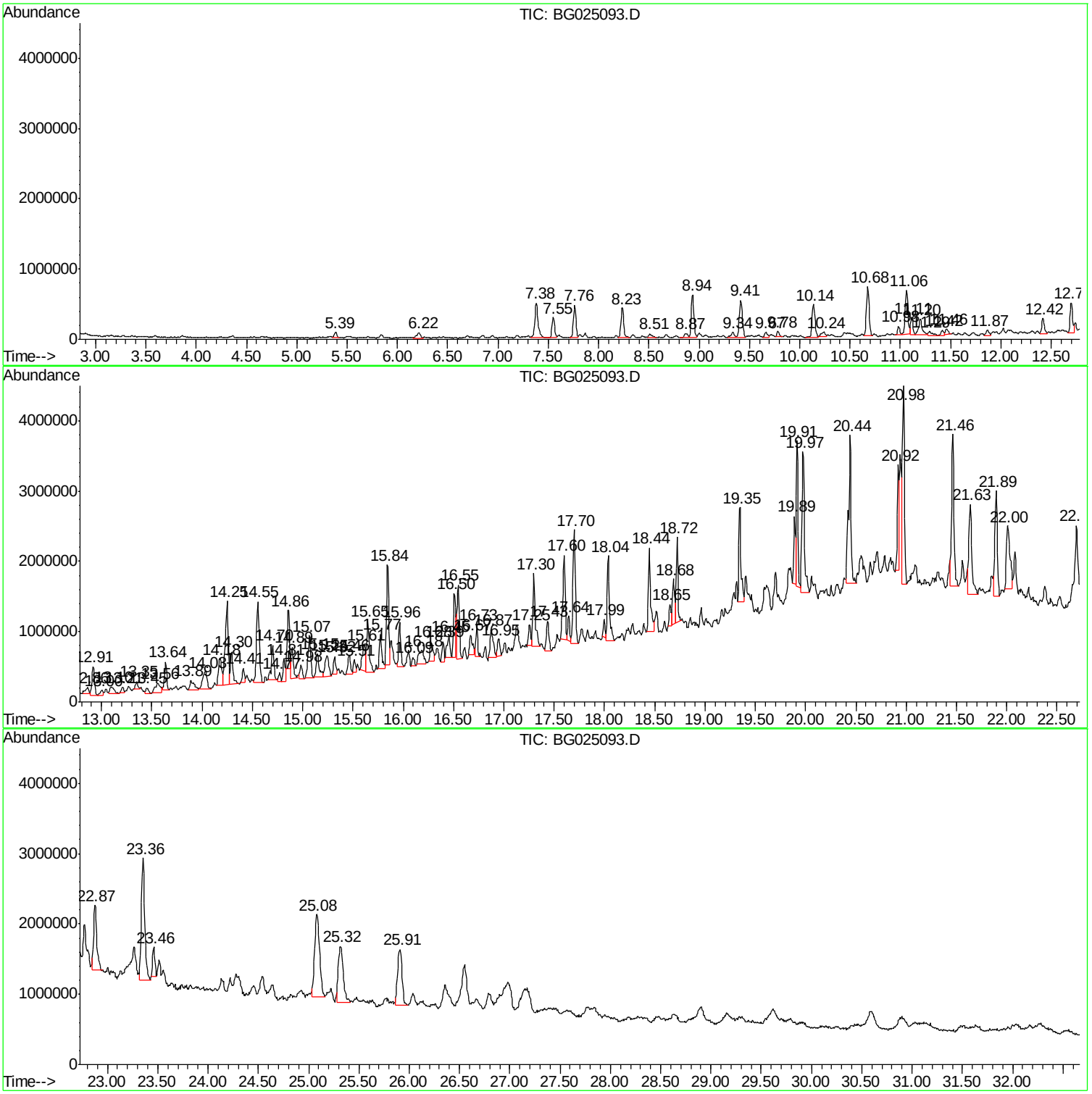
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

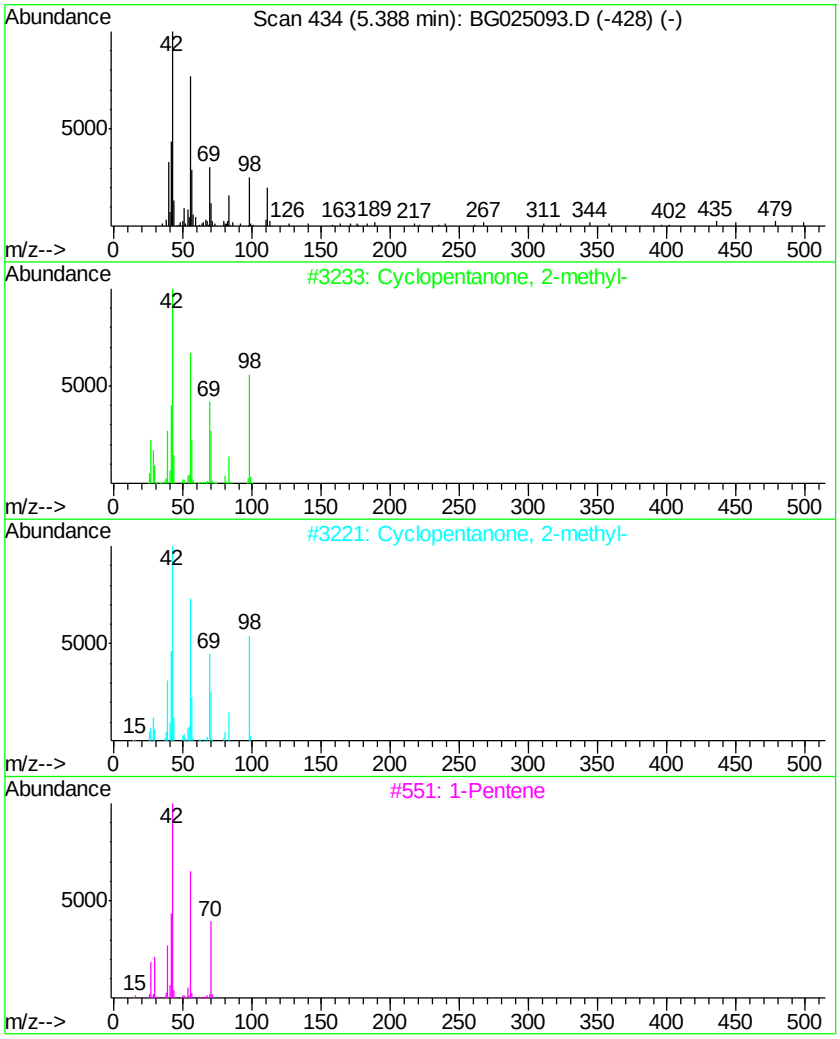
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

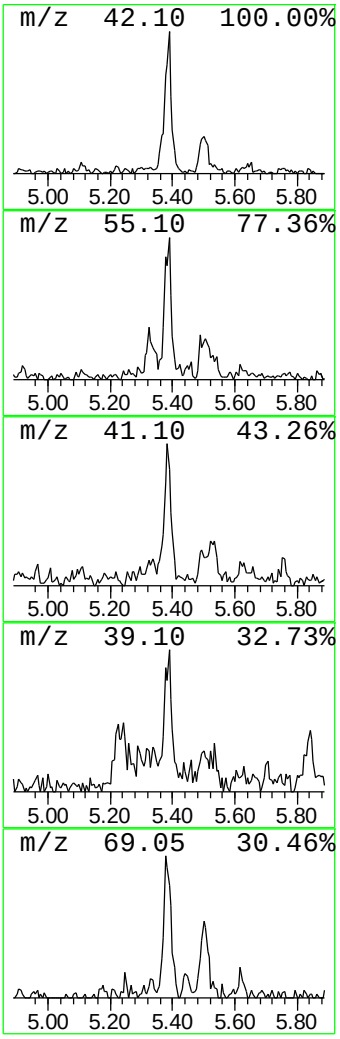
****

Peak Number 1 Cyclopentanone, 2-methyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	3.65 ng/ul	144066	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	64
2	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	50
3	1-Pentene	70	C5H10	000109-67-1	47
4	Propenal dimethylhydrazone	98	C5H10N2	025368-52-9	42
5	Nonanoyl chloride	176	C9H17ClO	000764-85-2	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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

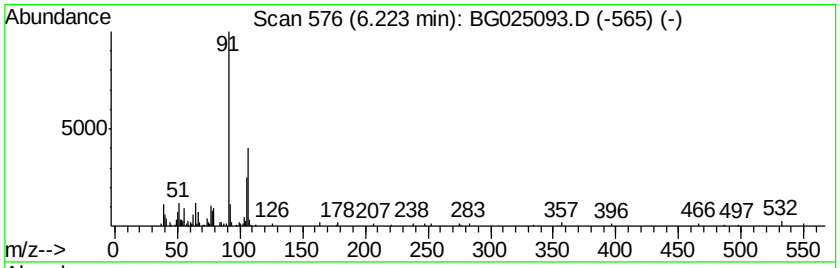
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

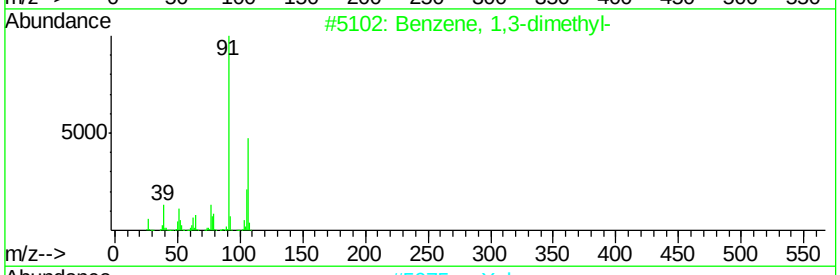
****

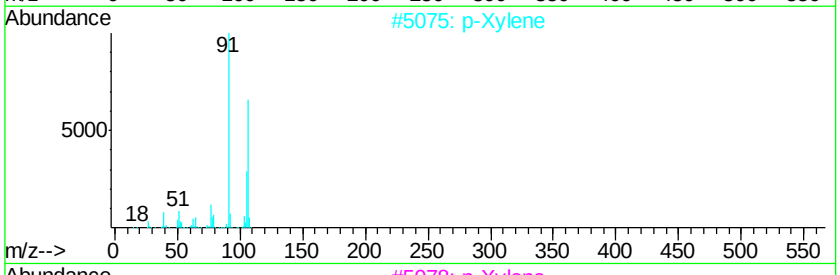
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 42

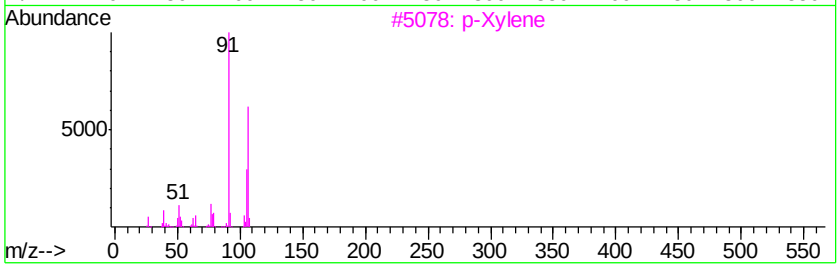
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	4.99 ng/ul	196986	1,4-Dichlorobenzene-d4	8.23

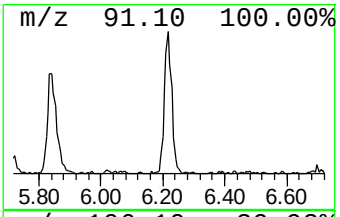
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	76
2	p-Xylene	106	C8H10	000106-42-3	68
3	p-Xylene	106	C8H10	000106-42-3	68
4	p-Xylene	106	C8H10	000106-42-3	64
5	o-Xylene	106	C8H10	000095-47-6	64

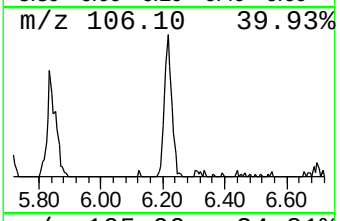


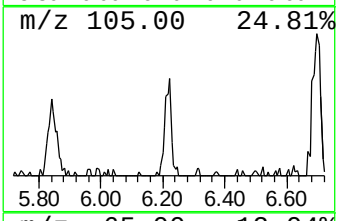


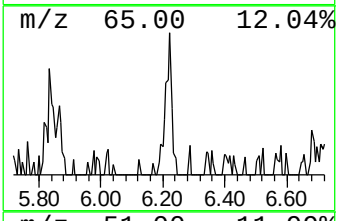


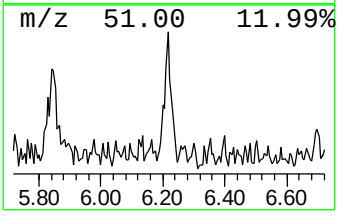












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Instrument : BNA_G
ClientSampleId : DA807

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

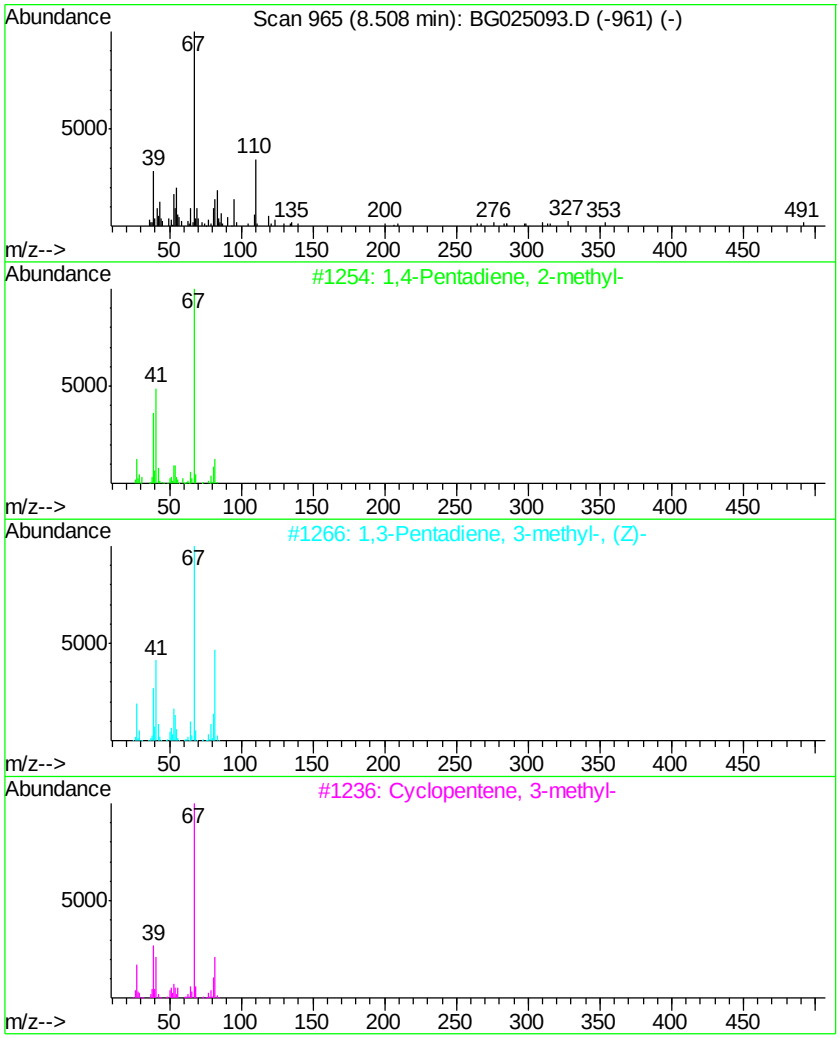
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

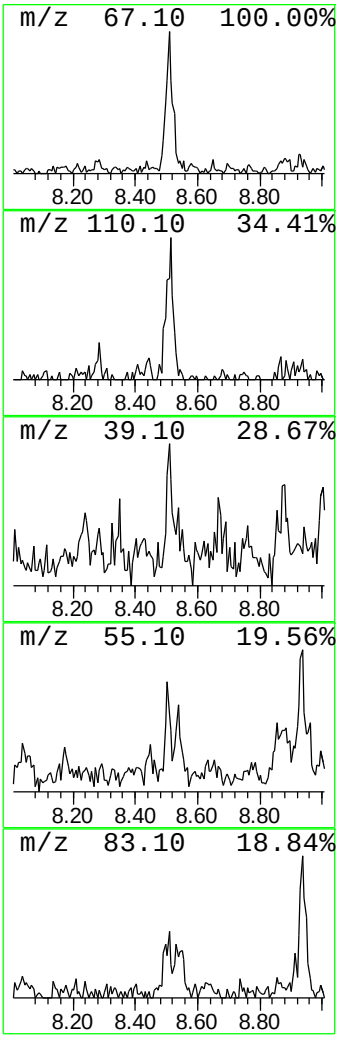
****

Peak Number 3 unknown-01 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	3.48 ng/ul	137390	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	49
2	1,3-Pentadiene, 3-methyl-, (Z)-	82	C6H10	002787-45-3	49
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	49
4	1,3-Pentadiene, 3-methyl-, (E)-	82	C6H10	002787-43-1	49
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	49





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Operator : UM/SJ
Sample : H5905-07
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Instrument : BNA_G
ClientSampleId : DA807

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Quant Title : SVOA CALIBRATION

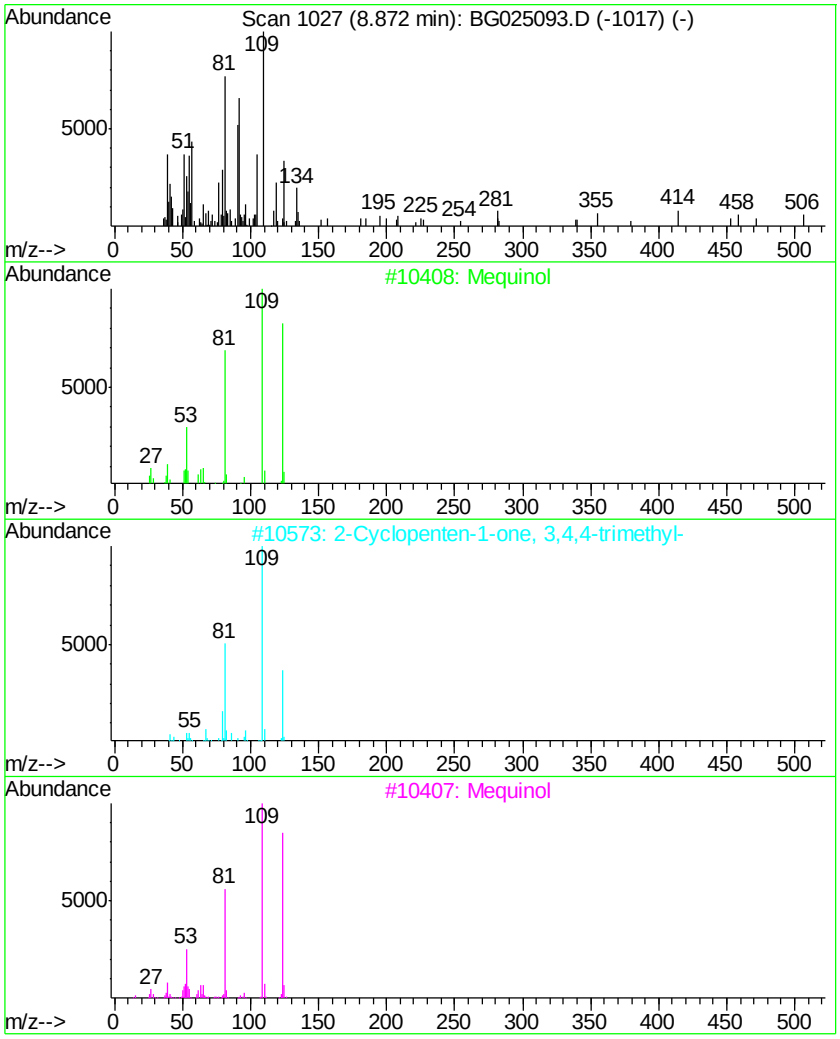
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

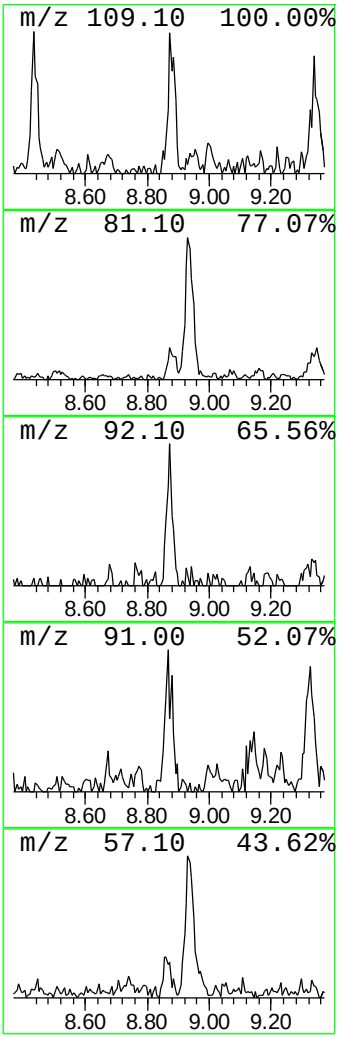
****

Peak Number 4 Mequinol Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	4.04 ng/ul	159745	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mequinol	124	C7H8O2	000150-76-5	58
2	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	58
3	Mequinol	124	C7H8O2	000150-76-5	50
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	50
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	50





Library Search Compound Report

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Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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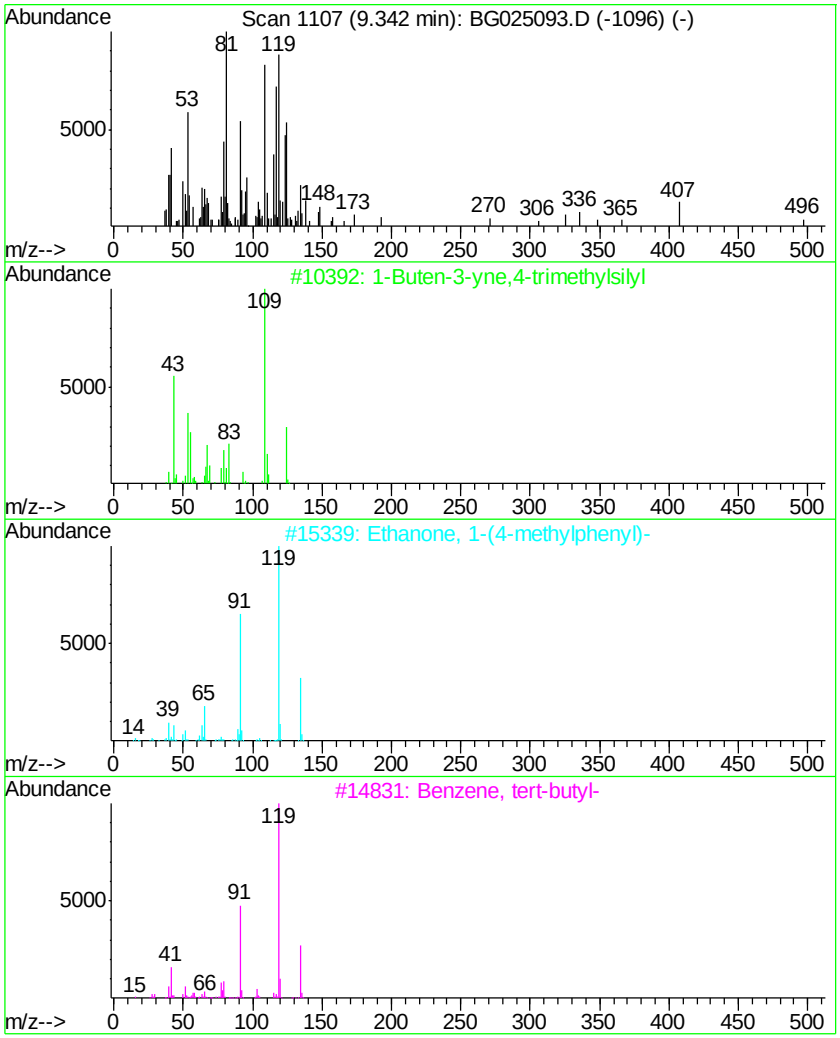
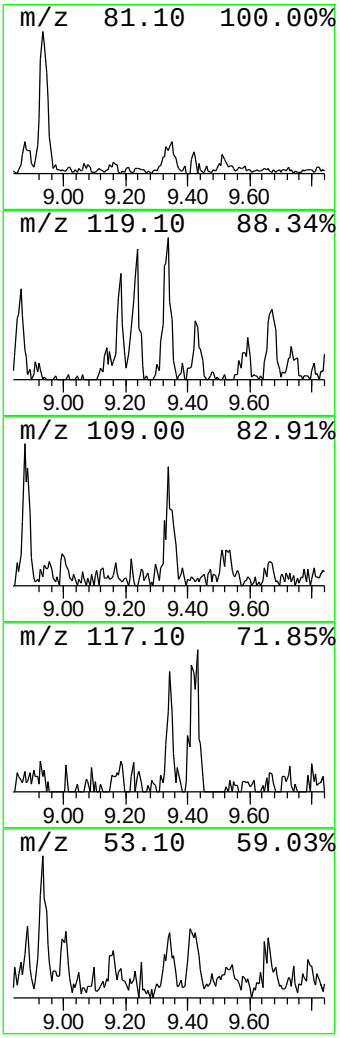
Peak Number 5 unknown-02 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	4.39 ng/ul	173267	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne,4-trimethylsilyl	124	C7H12Si	002696-32-4	38
2	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	27
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	25
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	25
5	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	25





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Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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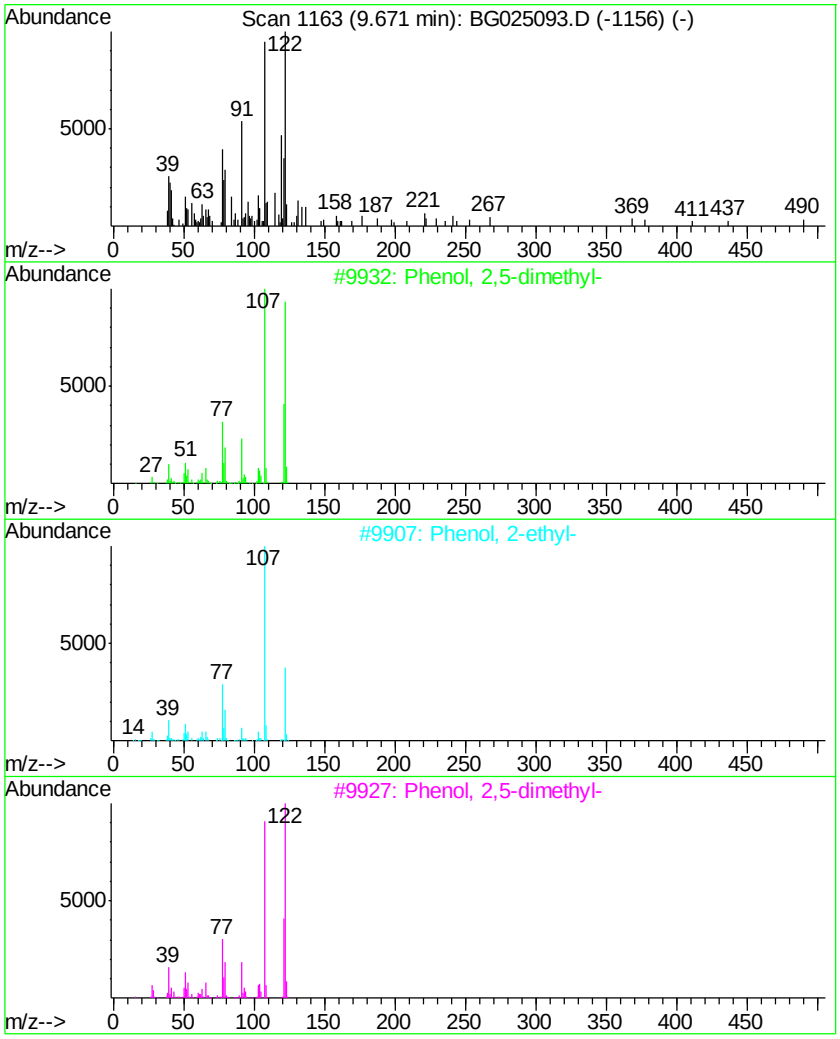
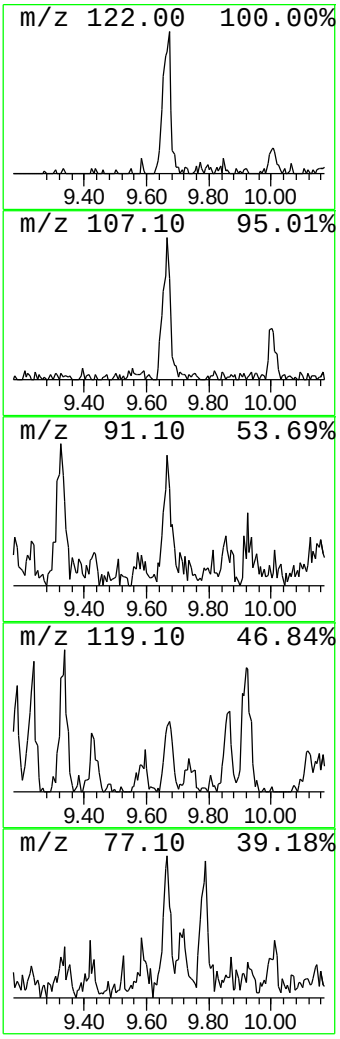
Peak Number 6 Phenol, 2,5-dimethyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	2.40 ng/ul	144427	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	76
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	70
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	68
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	68
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	68





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Sample : H5905-07
Misc :
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Instrument : BNA_G
ClientSampleId : DA807

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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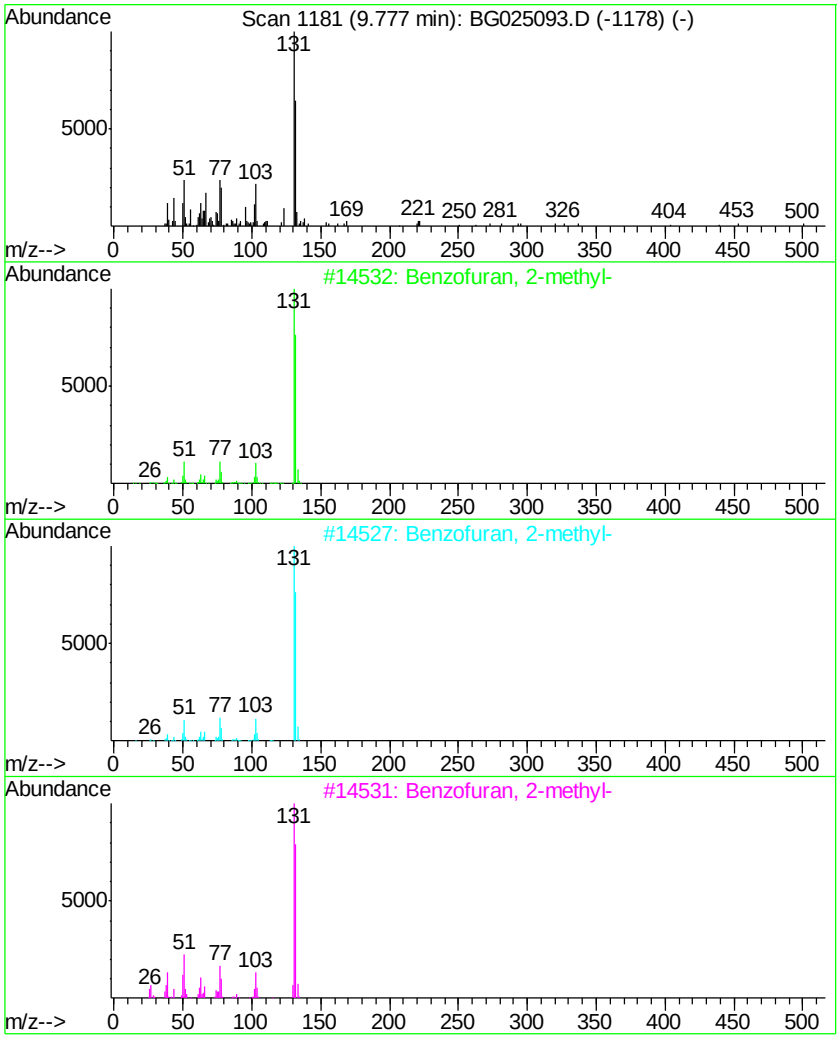
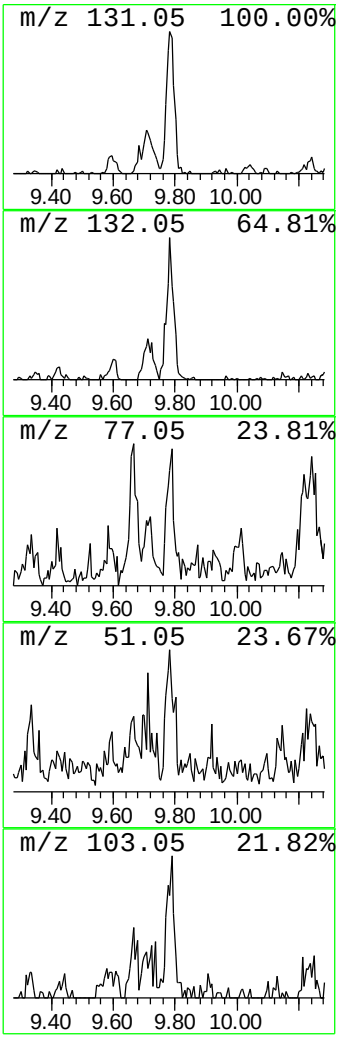
Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	2.20 ng/ul	132225	Naphthalene-d8	11.06

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	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	87
5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	87





Library Search Compound Report

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Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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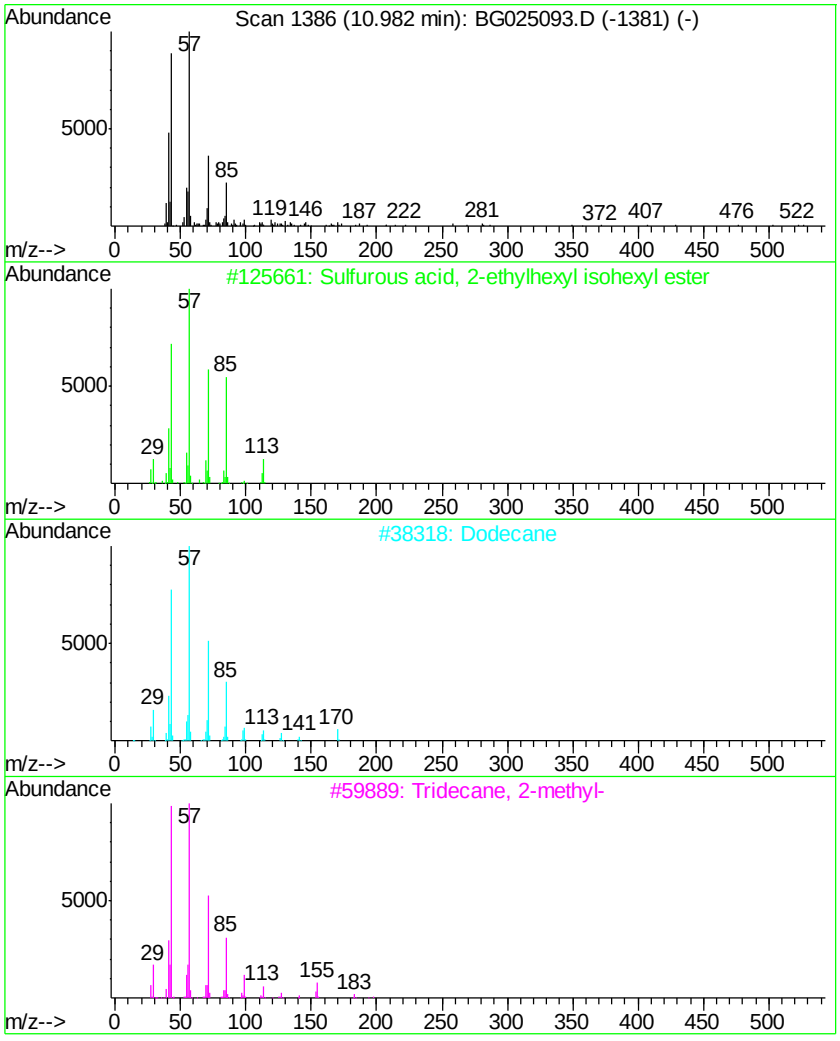
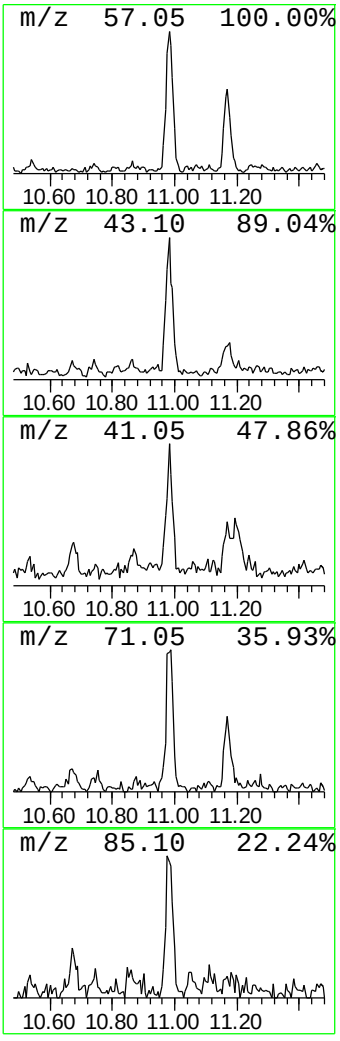
Peak Number 8 Sulfurous acid, 2-ethylhexy... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	3.01 ng/ul	181106	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
2	Dodecane	170	C12H26	000112-40-3	59
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	59
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
5	1-Trifluorosilyltridecane	268	C13H27F3Si	1000217-08-2	59





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Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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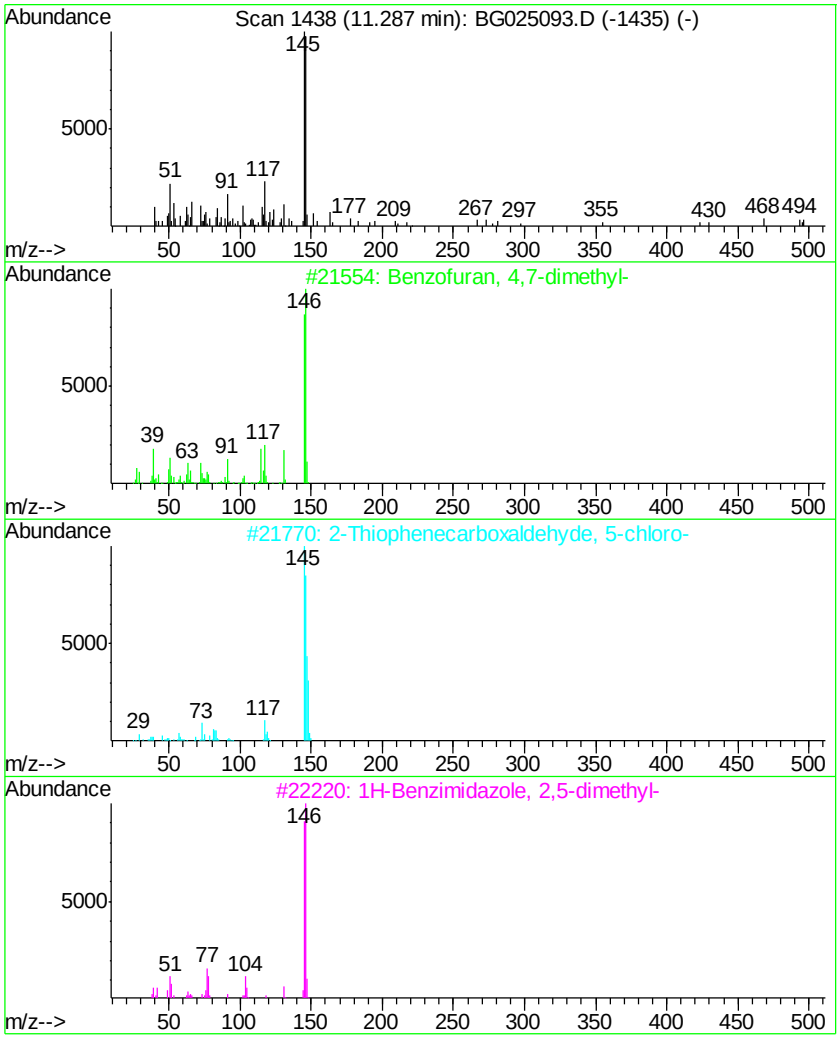
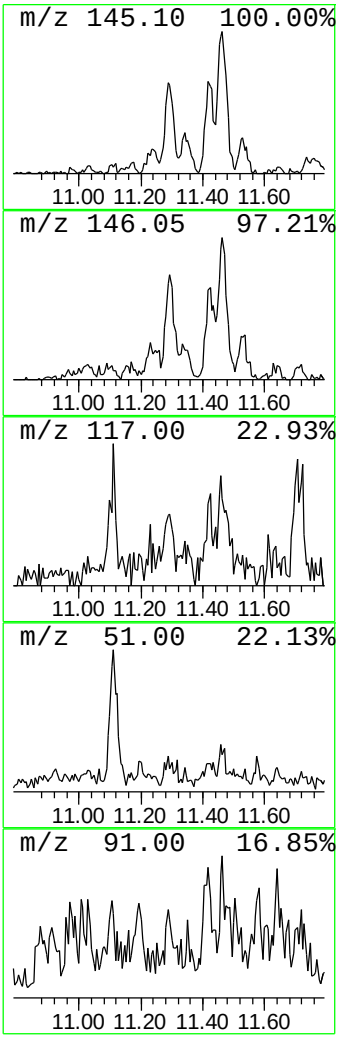
Peak Number 9 Benzofuran, 4,7-dimethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	3.06 ng/ul	184016	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	64
2	2-Thiophenecarboxaldehyde, 5-chl...	146	C5H3ClOS	007283-96-7	53
3	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	52
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
5	4(1H)-Quinazolinone	146	C8H6N2O	000491-36-1	47





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Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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Quant Title : SVOA CALIBRATION

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

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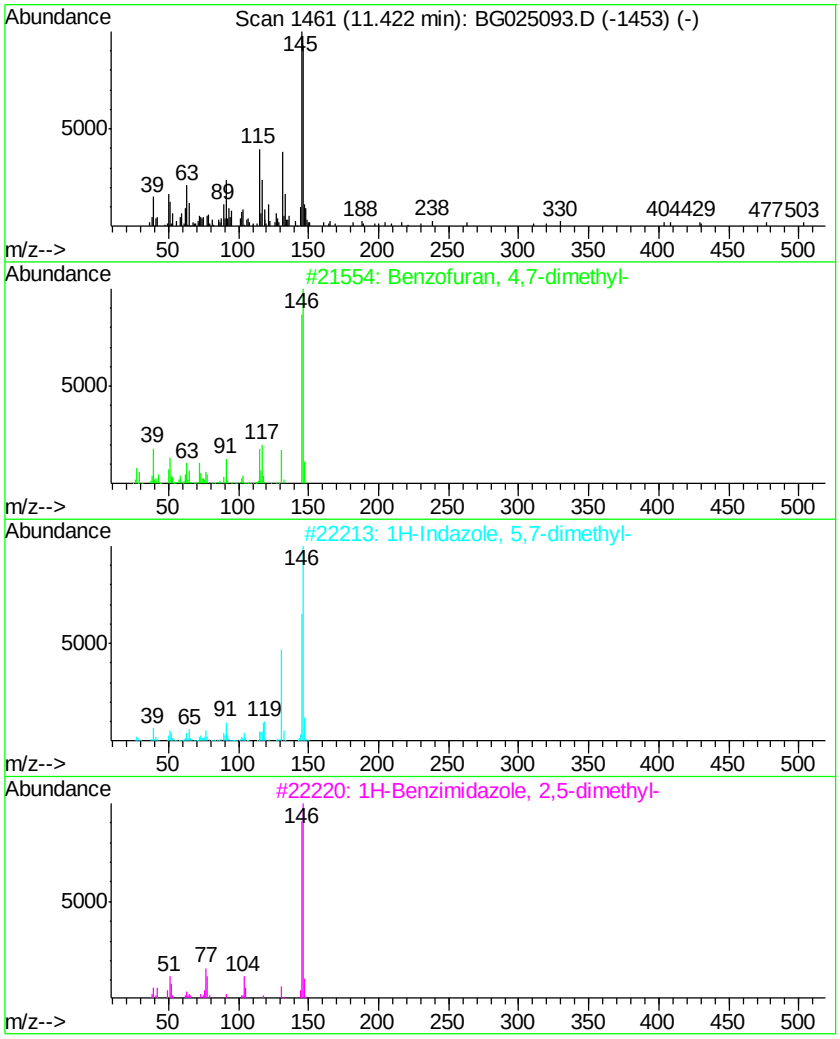
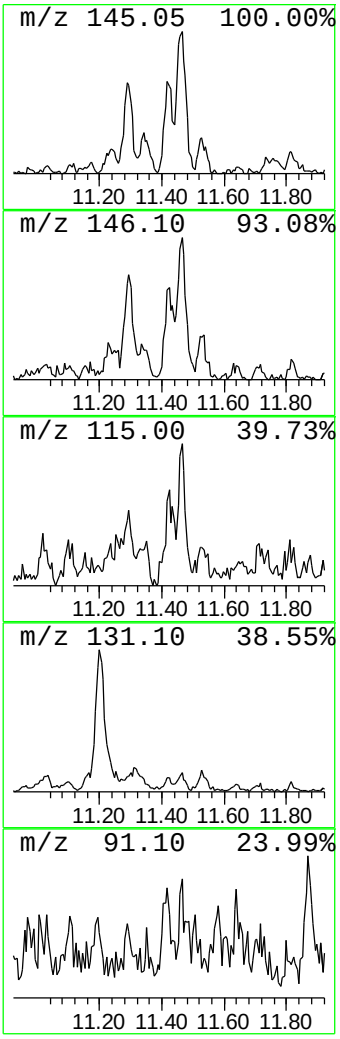
Peak Number 10 1H-Indazole, 5,7-dimethyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	2.54 ng/ul	152915	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	53
2	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	52
3	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	50
4	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	42
5	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	40





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Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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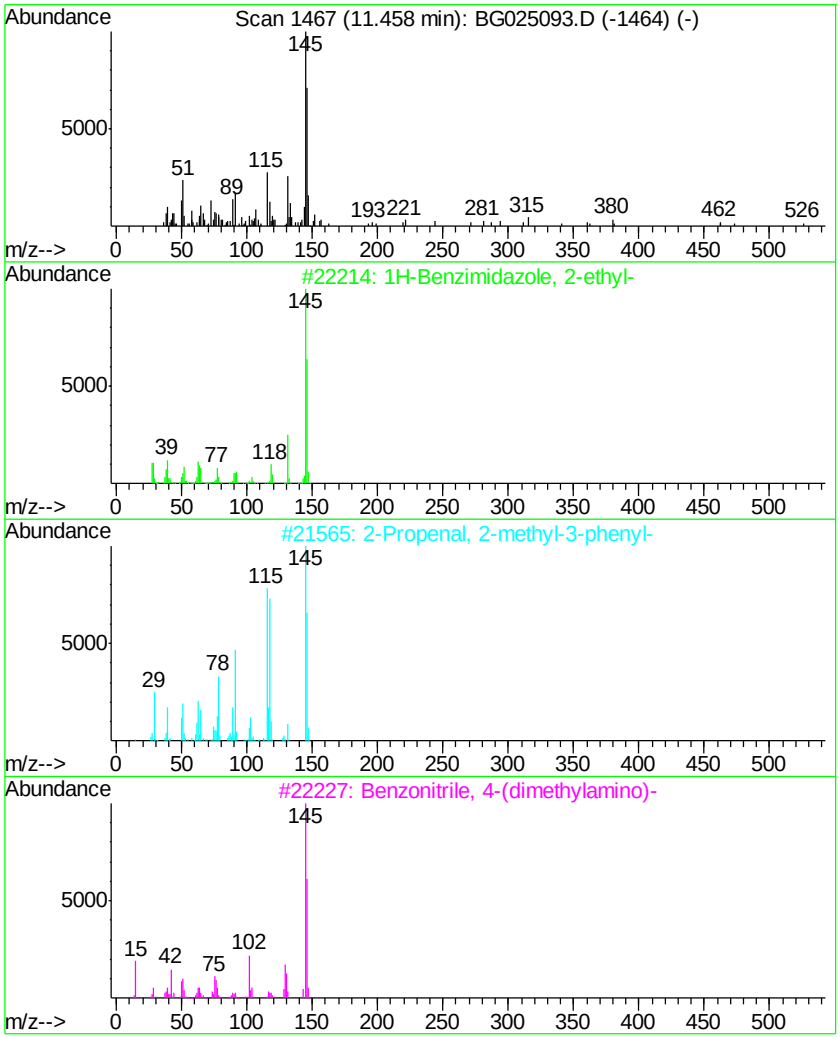
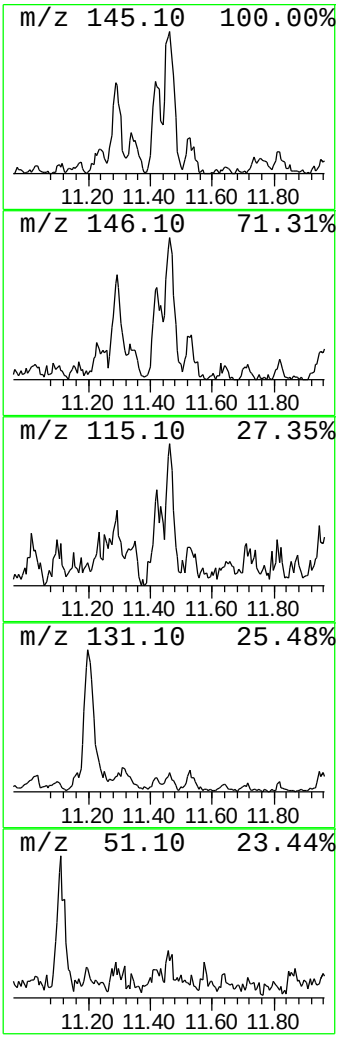
Peak Number 11 1H-Benzimidazole, 2-ethyl- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.31 ng/ul	139068	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	74
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	52
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50





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Sample : H5905-07
Misc :
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Instrument : BNA_G
ClientSampleId : DA807

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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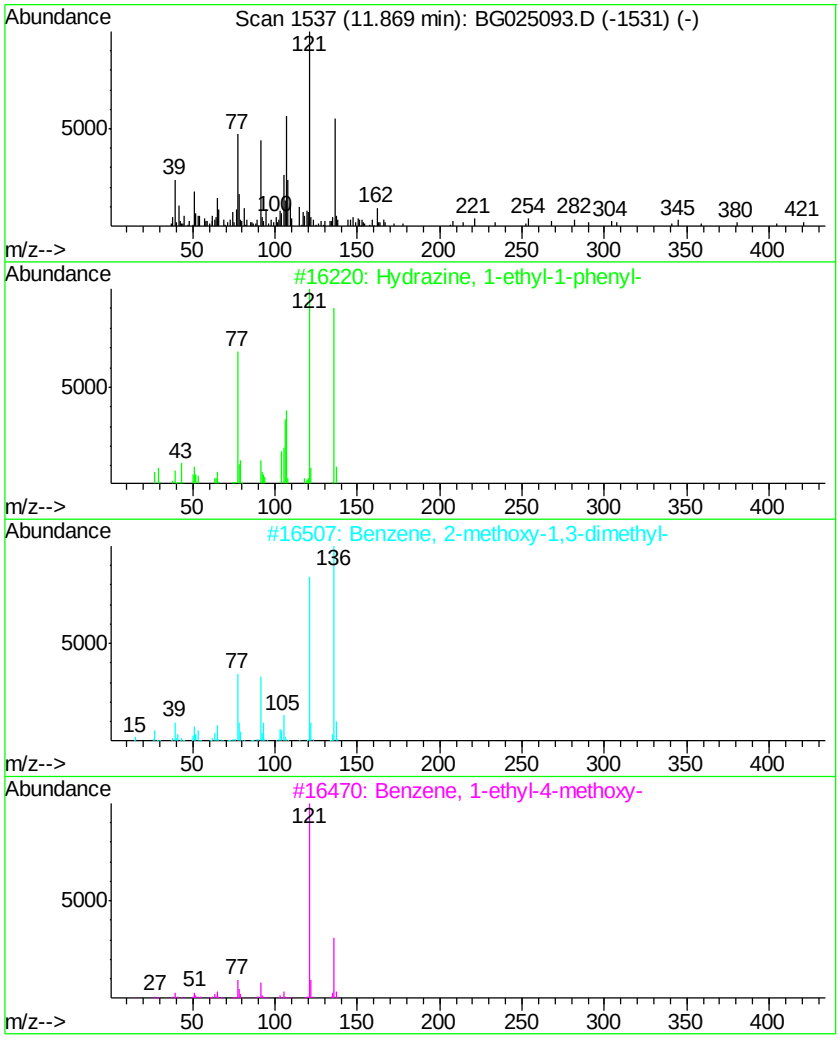
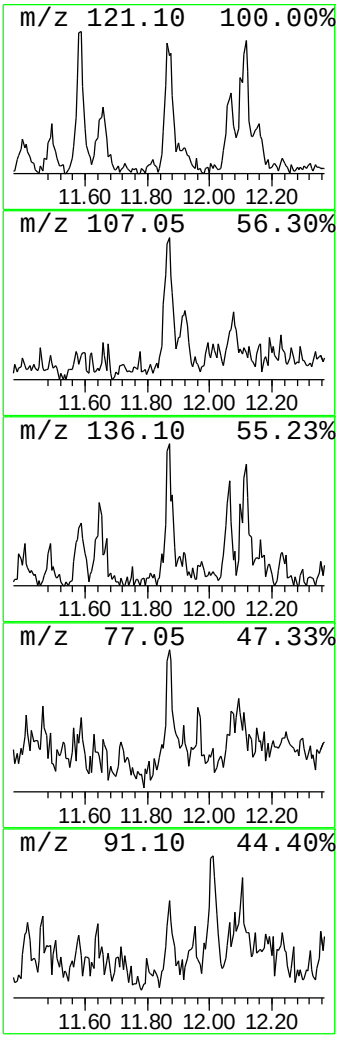
Peak Number 12 Hydrazine, 1-ethyl-1-phenyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.45 ng/ul	147600	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	83
2	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	52
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	52
4	2,4,6-Octatriene, 2,6-dimethyl-,...	136	C10H16	007216-56-0	49
5	Hydrazine, 1-(4-ethylphenyl)-	136	C8H12N2	054840-34-5	49





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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Quant Title : SVOA CALIBRATION

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

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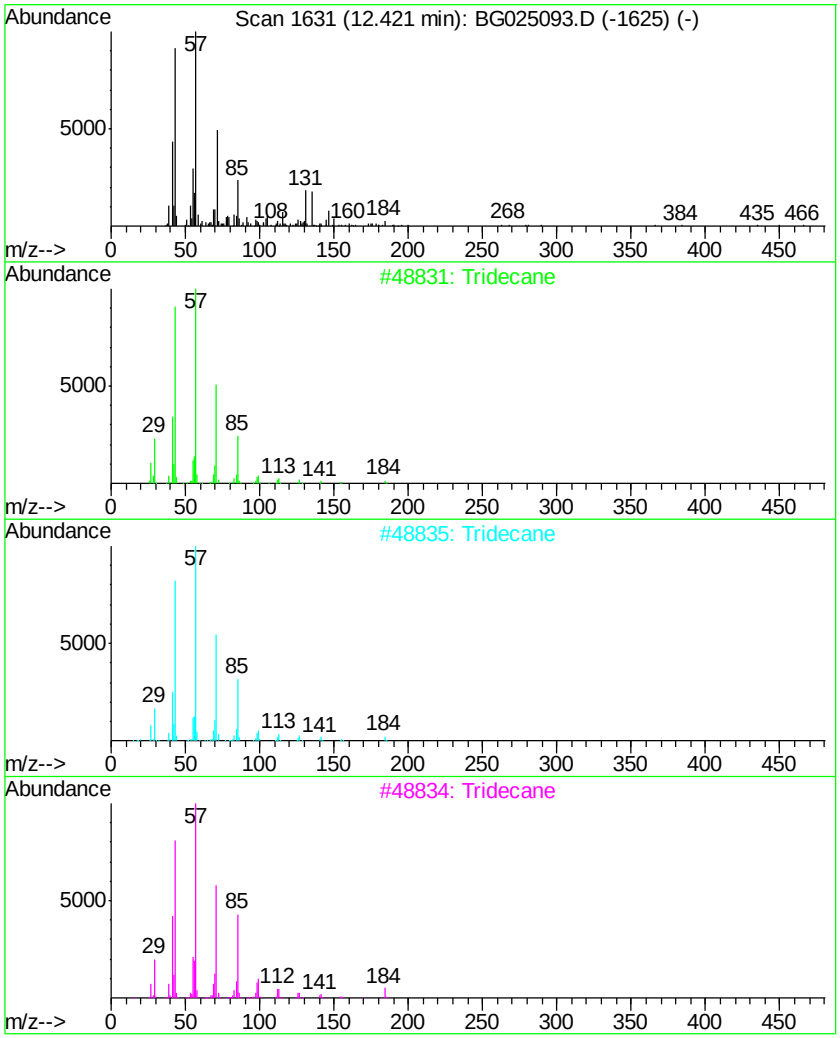
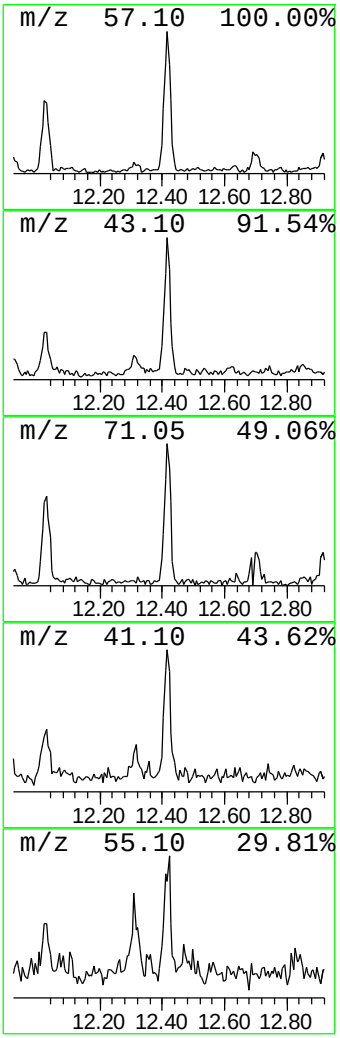
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	6.42 ng/ul	386114	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	Tridecane	184	C13H28	000629-50-5	76
3	Tridecane	184	C13H28	000629-50-5	68
4	Decane, 3-methyl-	156	C11H24	013151-34-3	64
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64





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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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Quant Title : SVOA CALIBRATION

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

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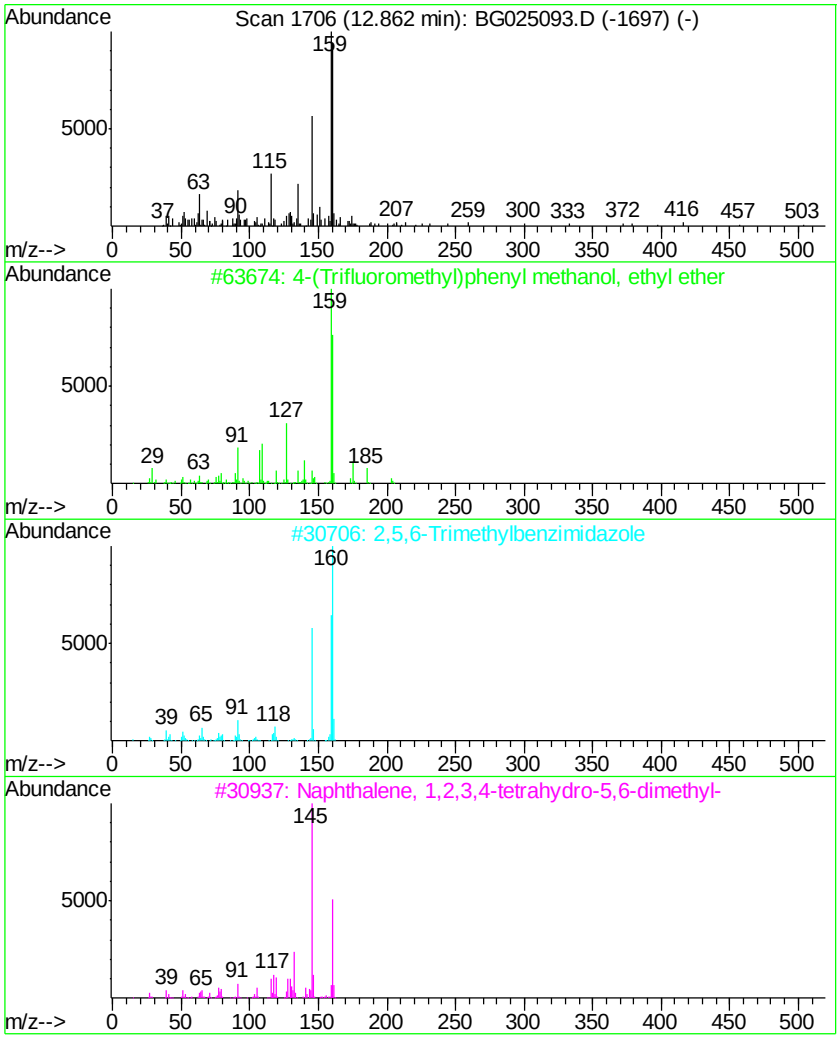
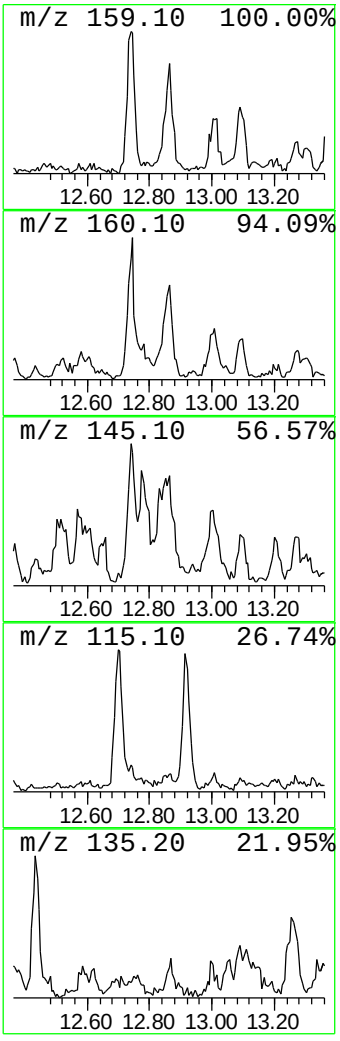
Peak Number 14 4-(Trifluoromethyl)phenyl m... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	2.98 ng/ul	179032	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Trifluoromethyl)phenyl methan...	204	C10H11F3O	1000374-66-1	50
2	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	47
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	38
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	35
5	FENAZAQUIN	306	C20H22N2O	120928-09-8	35





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Sample : H5905-07
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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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Quant Title : SVOA CALIBRATION

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

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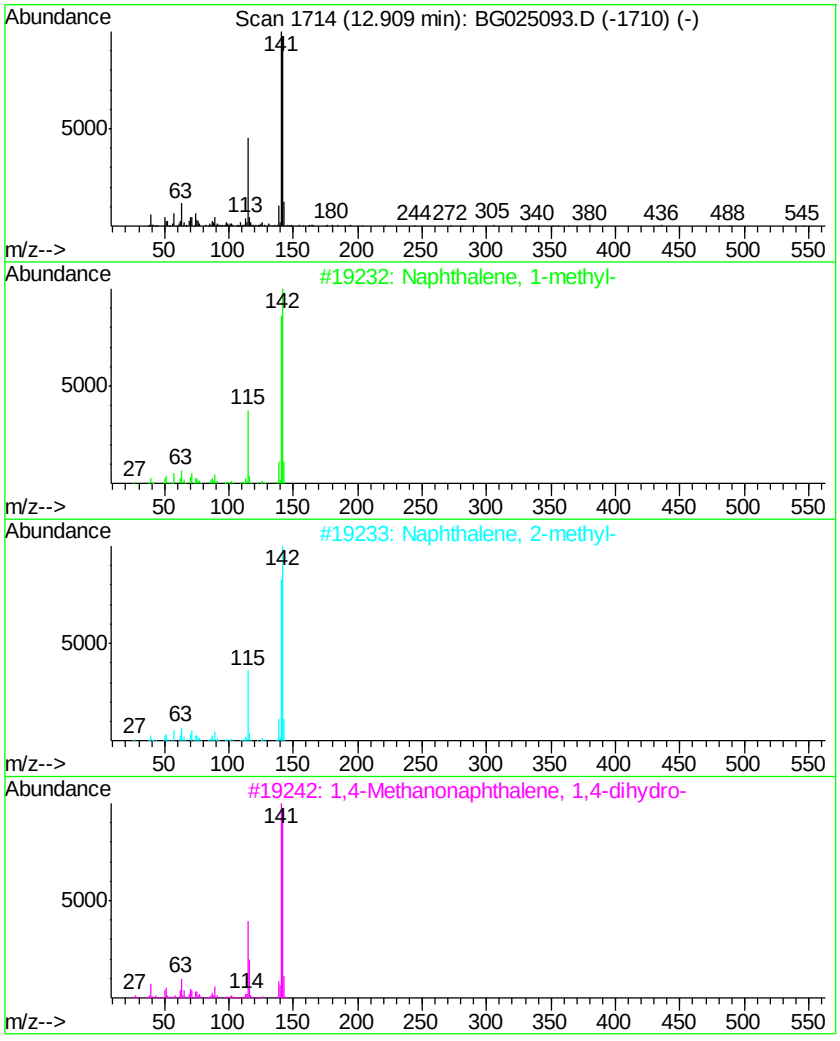
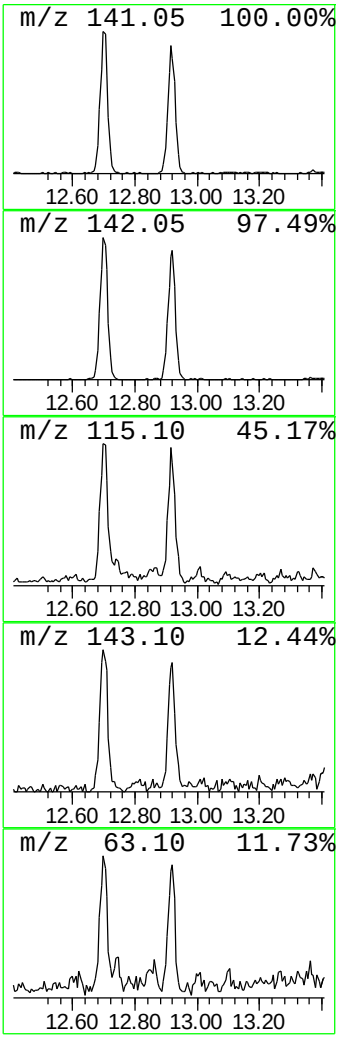
Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	11.98 ng/ul	720399	Naphthalene-d8	11.06

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	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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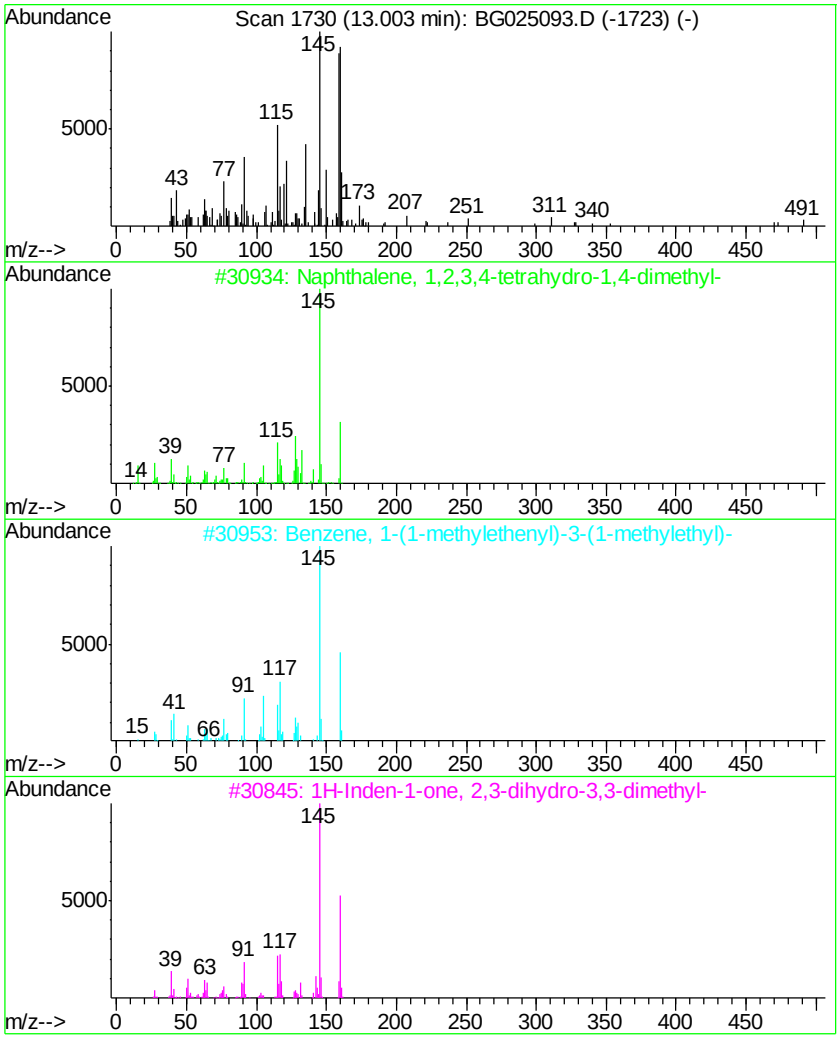
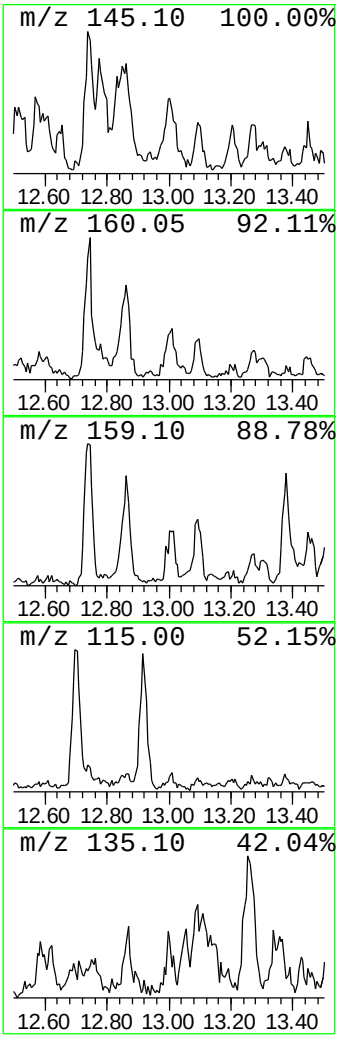
Peak Number 16 unknown-03 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.69 ng/ul	172185	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	49
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	45
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	43
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	43
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	38





Library Search Compound Report

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Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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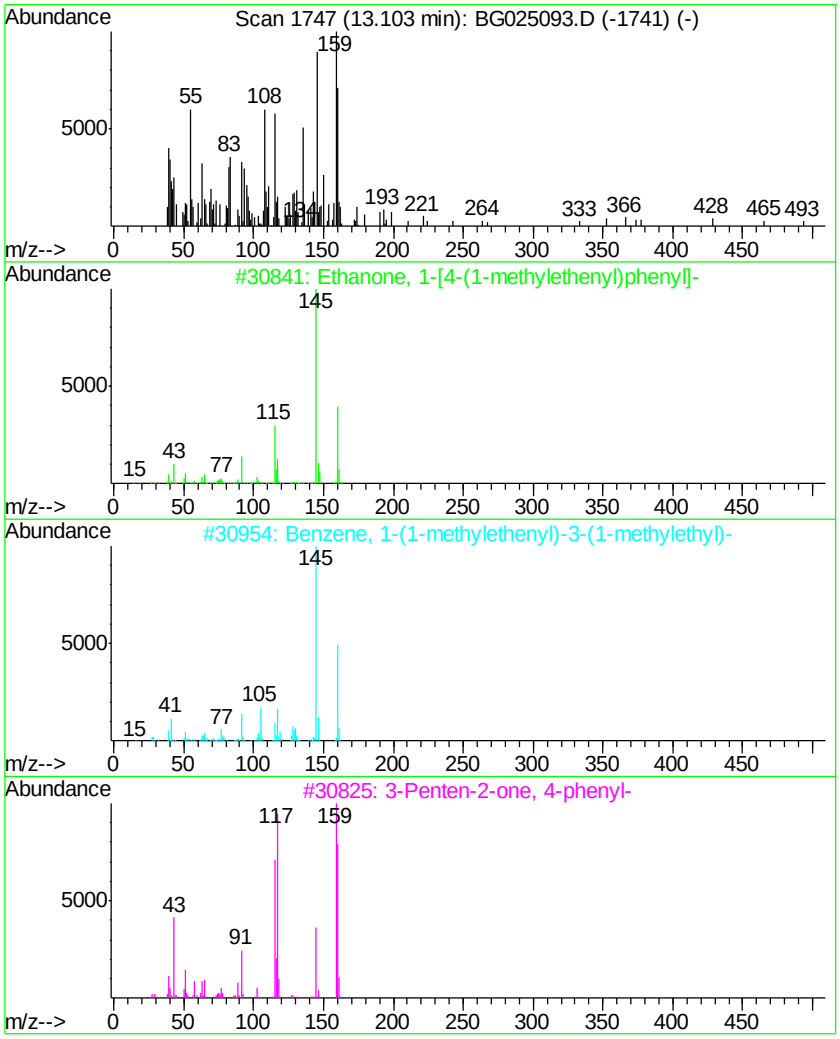
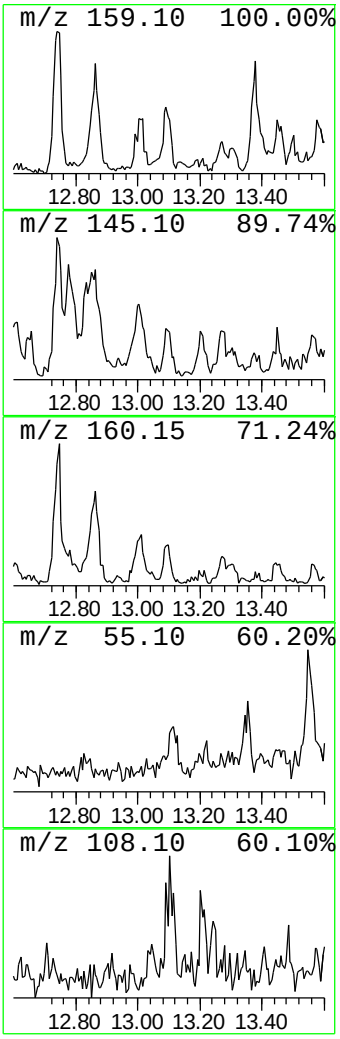
Peak Number 17 unknown-04 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	4.53 ng/ul	289766	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	30
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	22
3	3-Penten-2-one, 4-phenyl-	160	C11H12O	000827-69-0	22
4	Phenol, 3,6-difluoro-2-methoxy-	160	C7H6F2O2	075626-22-1	18
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	15





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Misc :
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Instrument : BNA_G
ClientSampleId : DA807

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Quant Title : SVOA CALIBRATION

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

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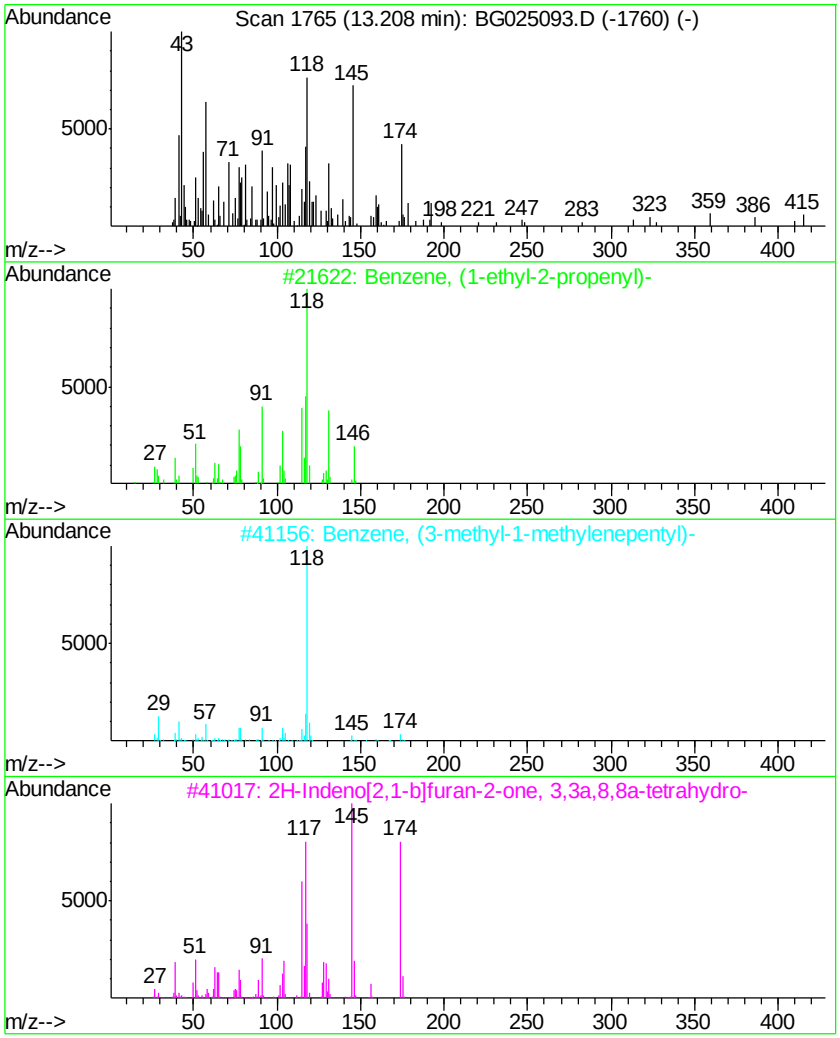
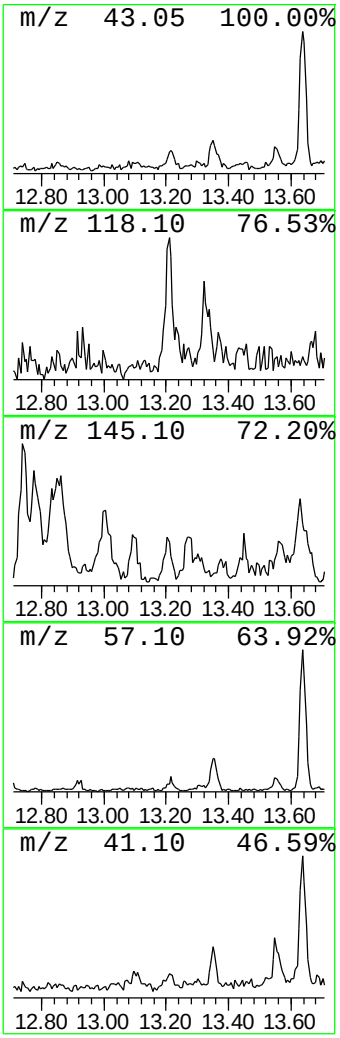
Peak Number 18 unknown-05 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.18 ng/ul	139708	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	35
2	Benzene, (3-methyl-1-methylenepe...	174	C13H18	074810-69-8	35
3	2H-Indeno[2,1-b]furan-2-one, 3,3...	174	C11H10O2	080343-98-2	35
4	4-Trifluoromethylbenzoic acid, 3...	308	C17H15F3O2	150272-46-1	27
5	Indenone ethylene ketal	174	C11H10O2	006710-43-6	27





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Sample : H5905-07
Misc :
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Instrument : BNA_G
ClientSampleId : DA807

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Quant Title : SVOA CALIBRATION

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

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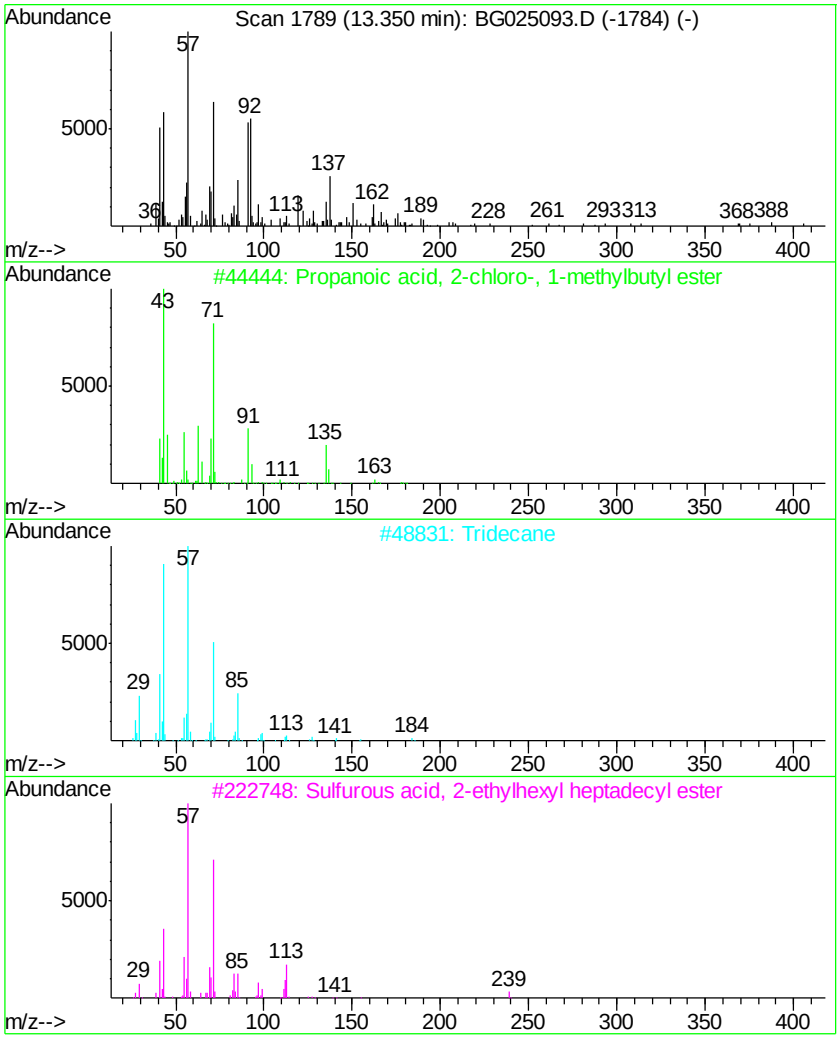
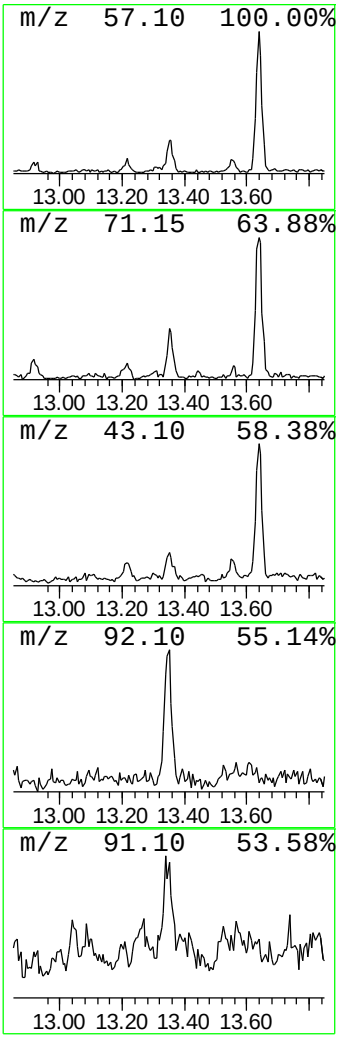
Peak Number 19 unknown-06 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	3.06 ng/ul	195808	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-chloro-, 1-met...	178	C8H15ClO2	088736-64-5	35
2	Tridecane	184	C13H28	000629-50-5	30
3	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	25
4	Benzene, (2-ethylbutyl)-	162	C12H18	019219-85-3	25
5	Tridecane	184	C13H28	000629-50-5	25





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Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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Quant Title : SVOA CALIBRATION

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

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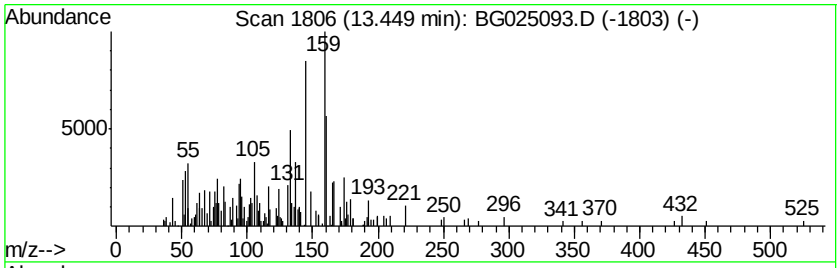
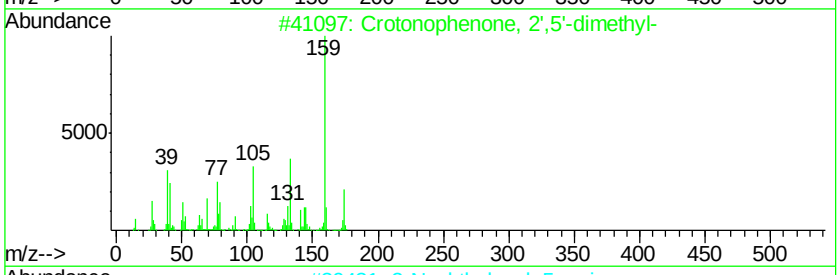
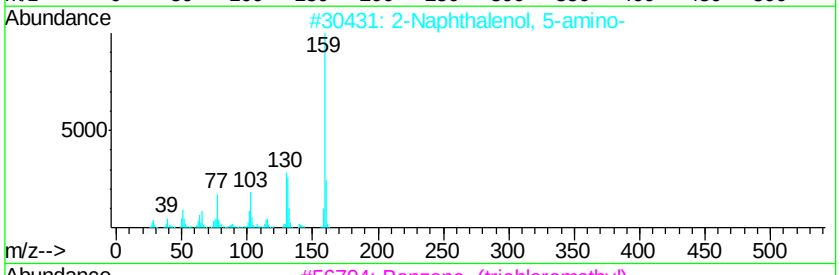
Peak Number 20 unknown-07 Concentration Rank 70

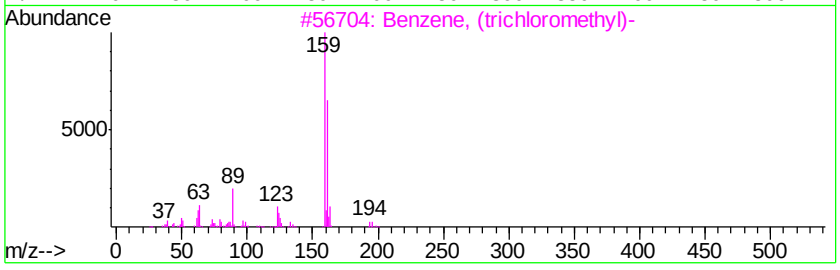
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	2.02 ng/ul	129365	Acenaphthene-d10	14.85

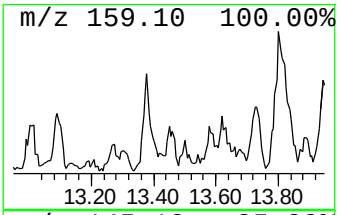
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Crotonophenone, 2',5'-dimethyl-	174	C12H14O	015561-15-6	38
2	2-Naphthalenol, 5-amino-	159	C10H9NO	000086-97-5	30
3	Benzene, (trichloromethyl)-	194	C7H5Cl3	000098-07-7	25
4	2,3,4-Trifluorobenzaldehyde	160	C7H3F3O	161793-17-5	25
5	5-Quinolinol	145	C9H7NO	000578-67-6	22

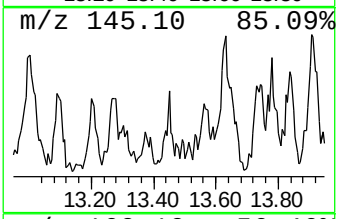


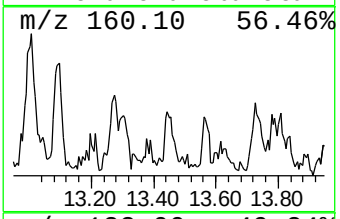


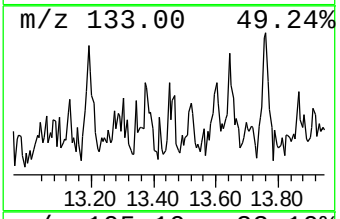


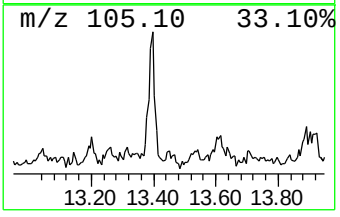












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Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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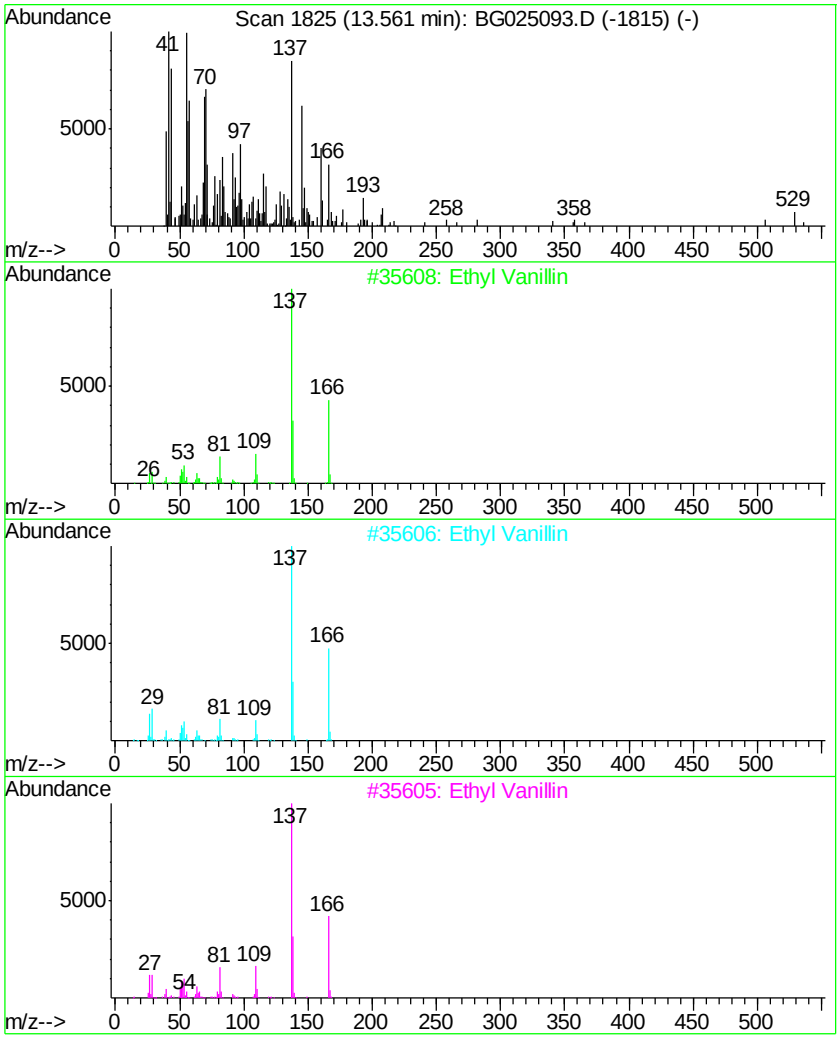
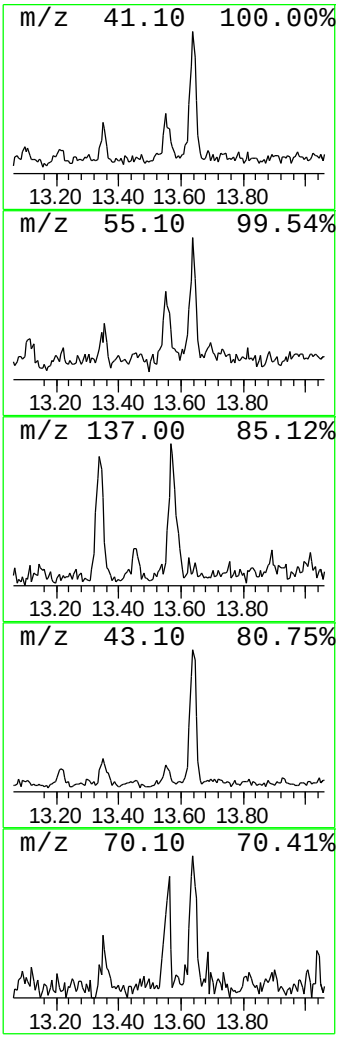
Peak Number 21 unknown-08 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	7.26 ng/ul	464257	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Vanillin	166	C9H10O3	000121-32-4	22
2	Ethyl Vanillin	166	C9H10O3	000121-32-4	22
3	Ethyl Vanillin	166	C9H10O3	000121-32-4	22
4	2,2-Dichloroethyl isobutyl carbo...	214	C7H12Cl2O3	1000372-75-7	14
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	11





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Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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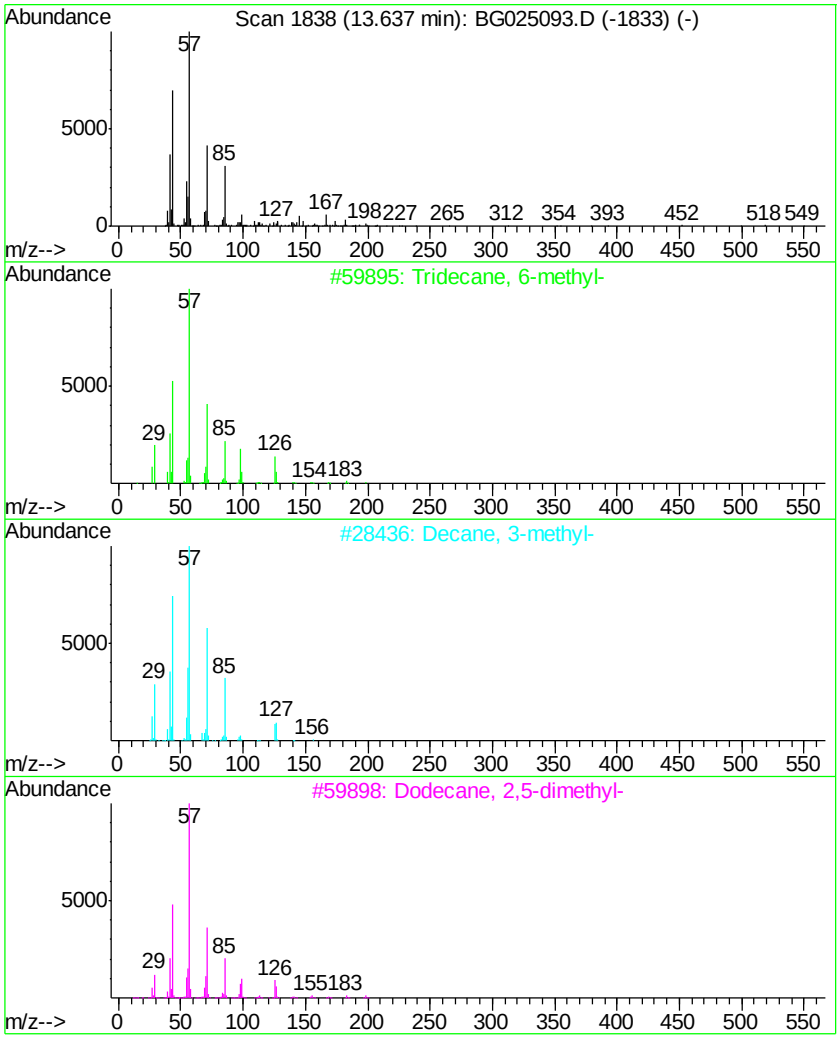
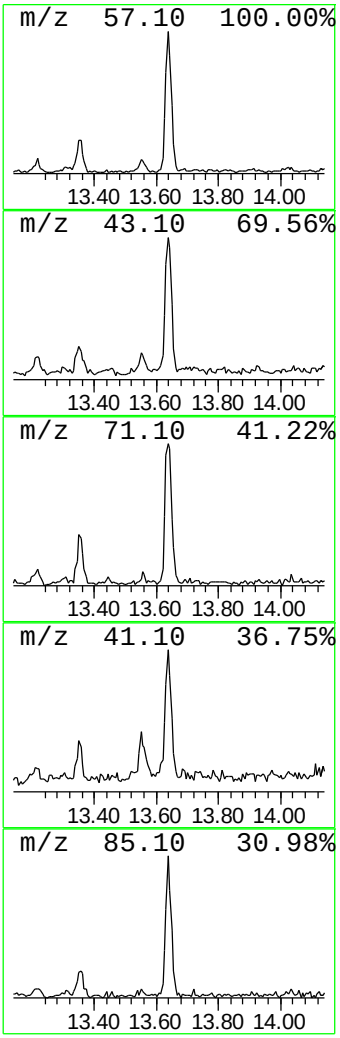
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	9.12 ng/ul	583605	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
2	Decane, 3-methyl-	156	C11H24	013151-34-3	68
3	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	53





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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Quant Title : SVOA CALIBRATION

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

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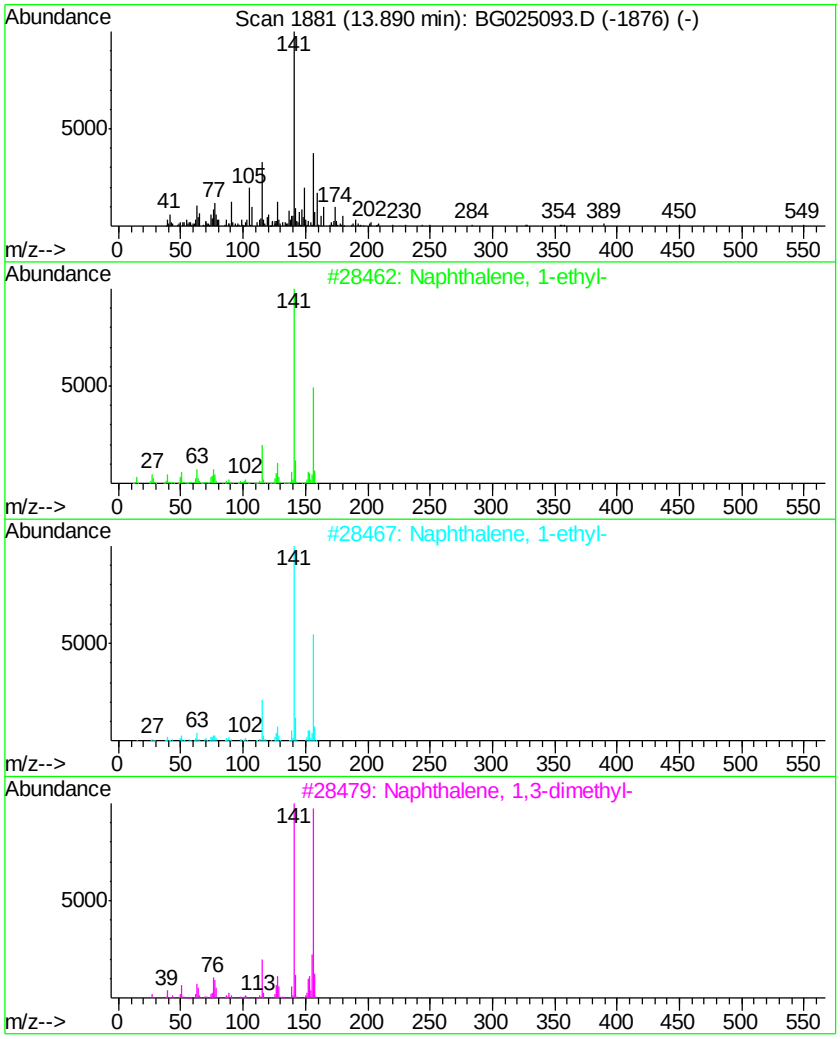
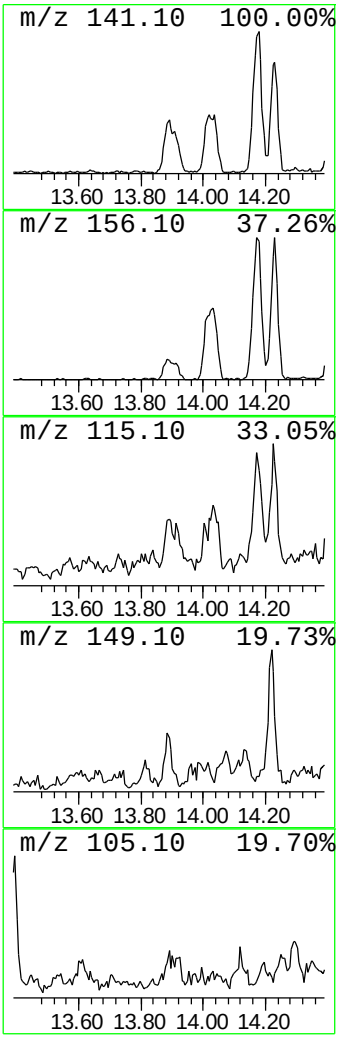
Peak Number 23 Naphthalene, 1-ethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	6.67 ng/ul	426777	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	64
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	62
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	62
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	58
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	58





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Instrument : BNA_G
ClientSampleId : DA807

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Quant Title : SVOA CALIBRATION

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

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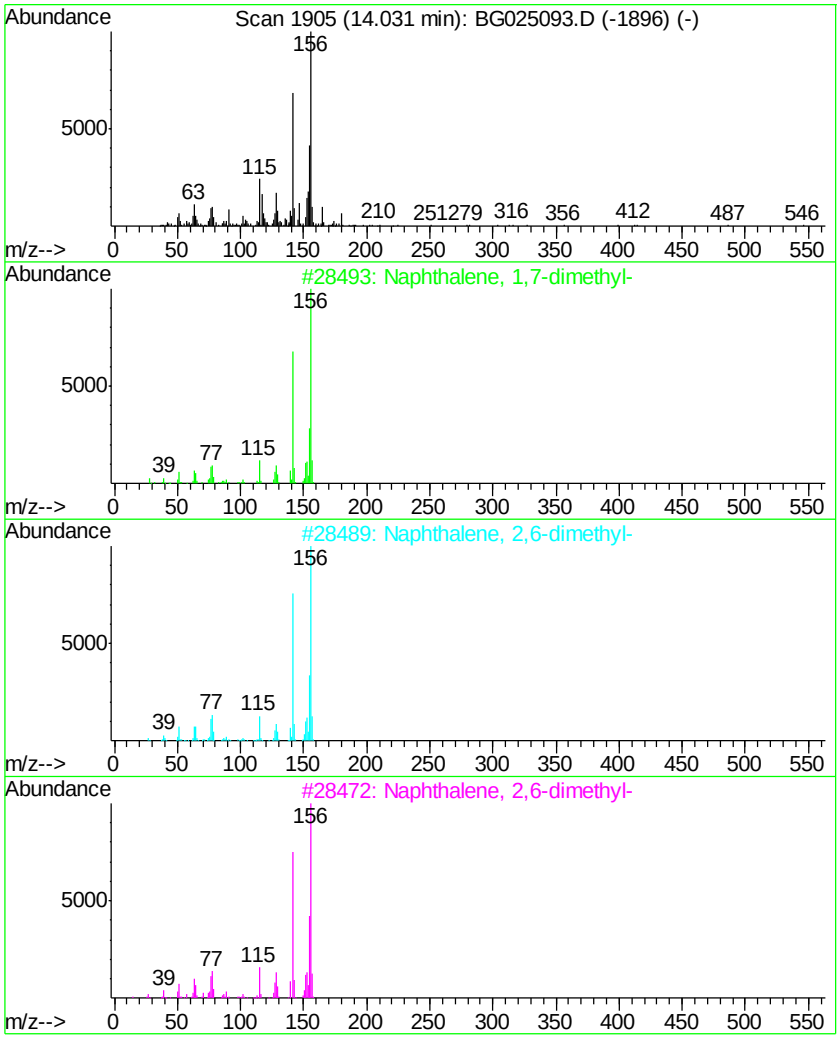
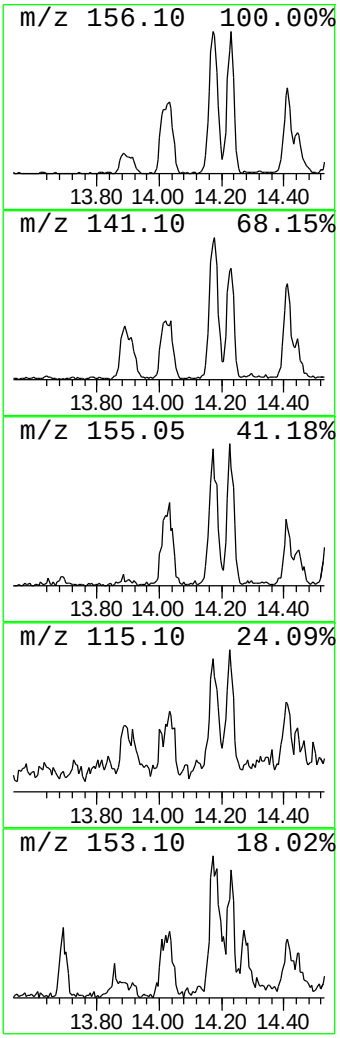
Peak Number 24 Naphthalene, 1,7-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	11.38 ng/ul	728361	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	89





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Instrument : BNA_G
ClientSampleId : DA807

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Quant Title : SVOA CALIBRATION

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

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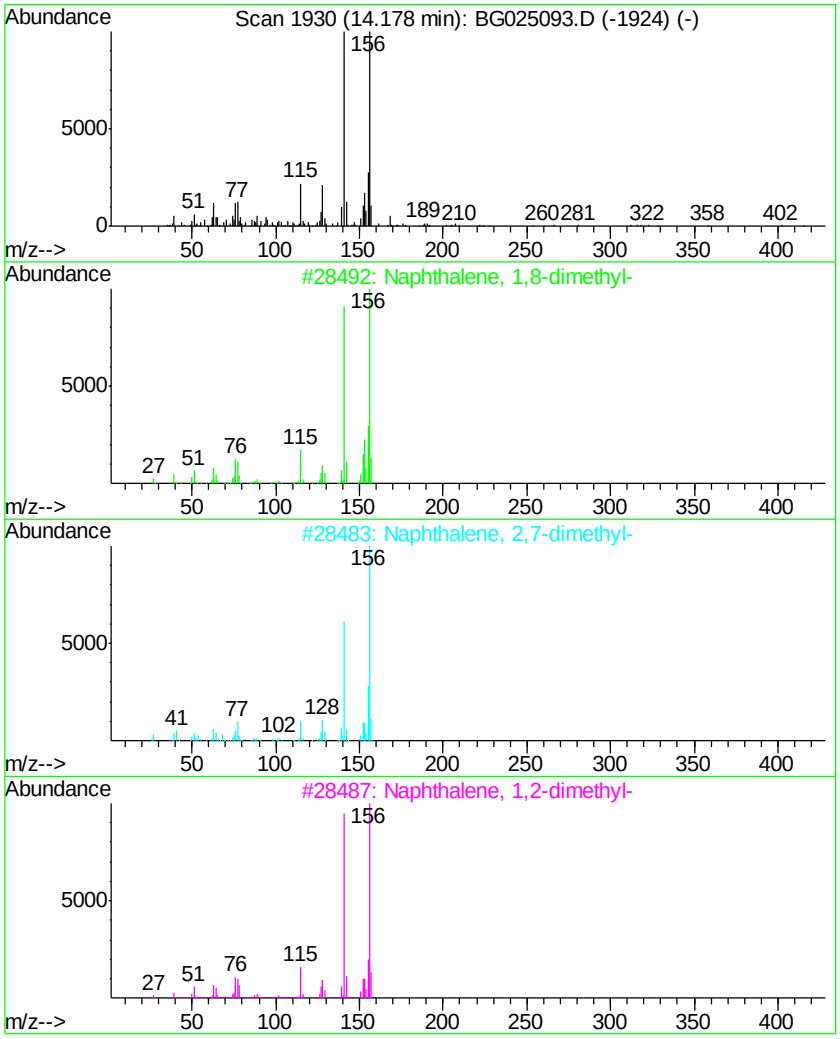
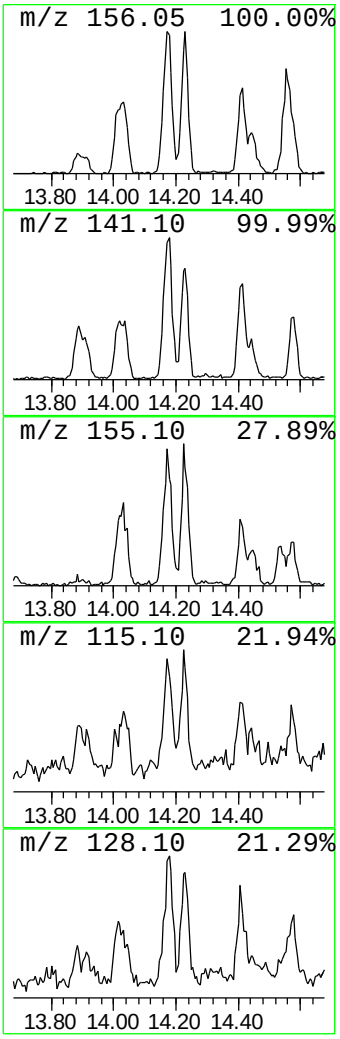
Peak Number 25 Naphthalene, 1,8-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	12.61 ng/ul	806878	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





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Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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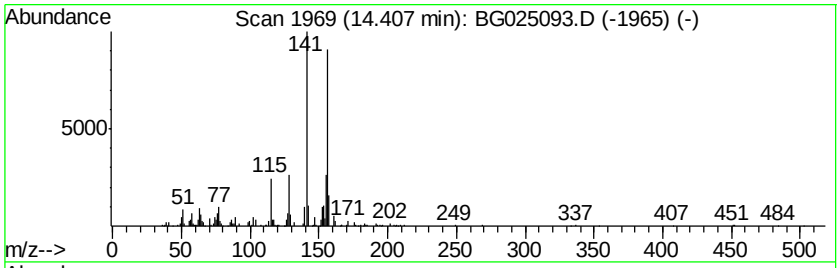
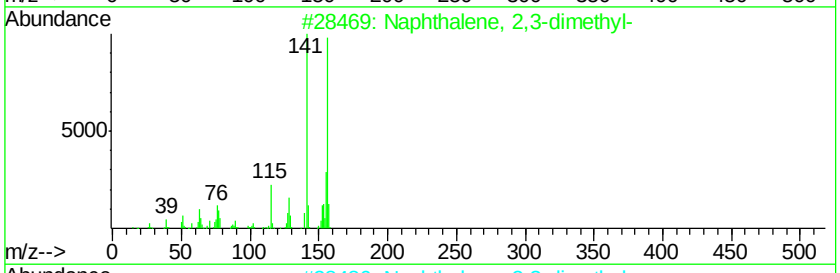
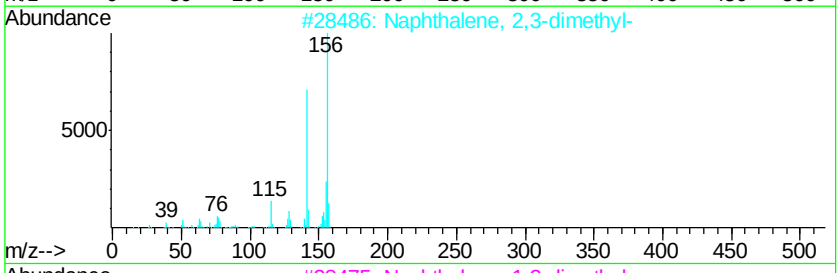
Peak Number 26 Naphthalene, 2,3-dimethyl- Concentration Rank 43

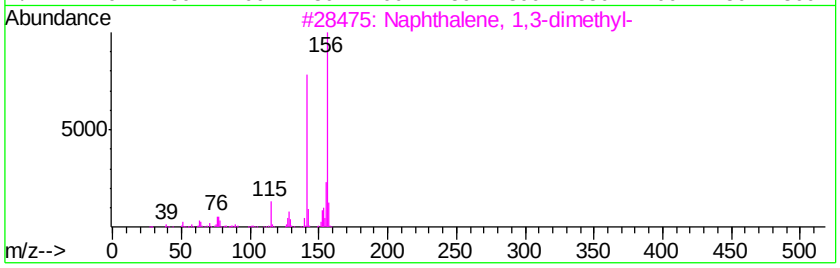
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	4.83 ng/ul	308766	Acenaphthene-d10	14.85

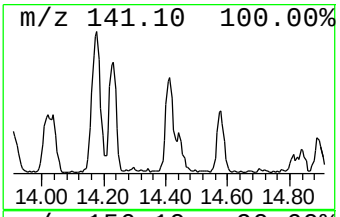
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93

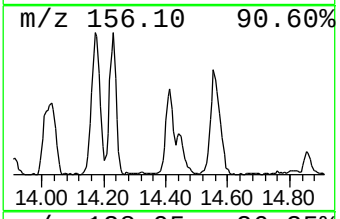


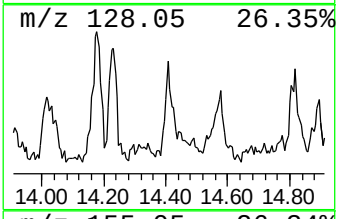


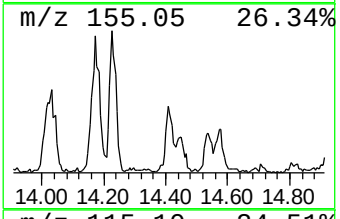


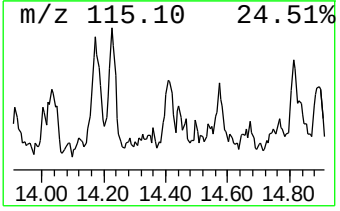












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Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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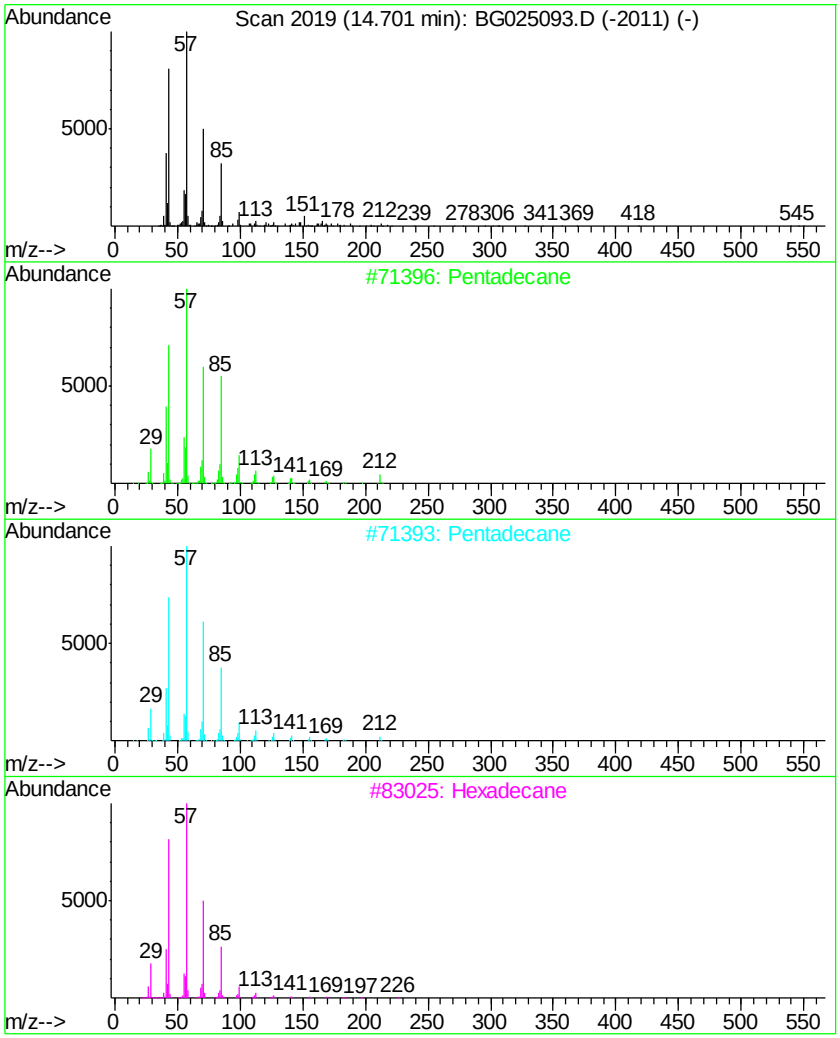
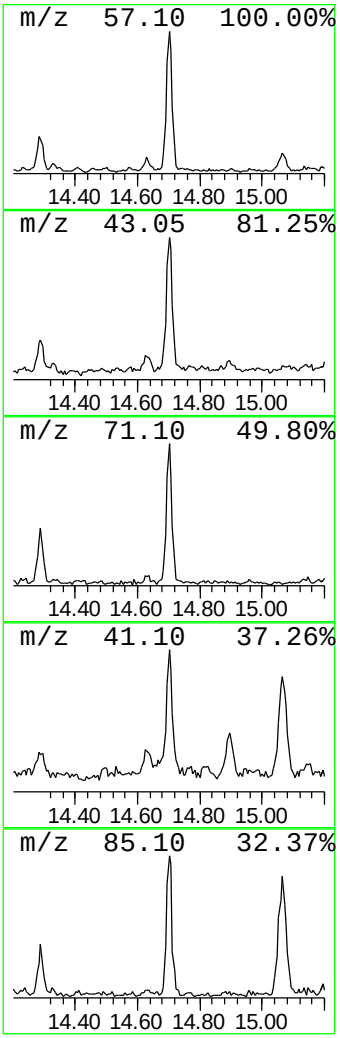
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	13.30 ng/ul	850847	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
5	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	80





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Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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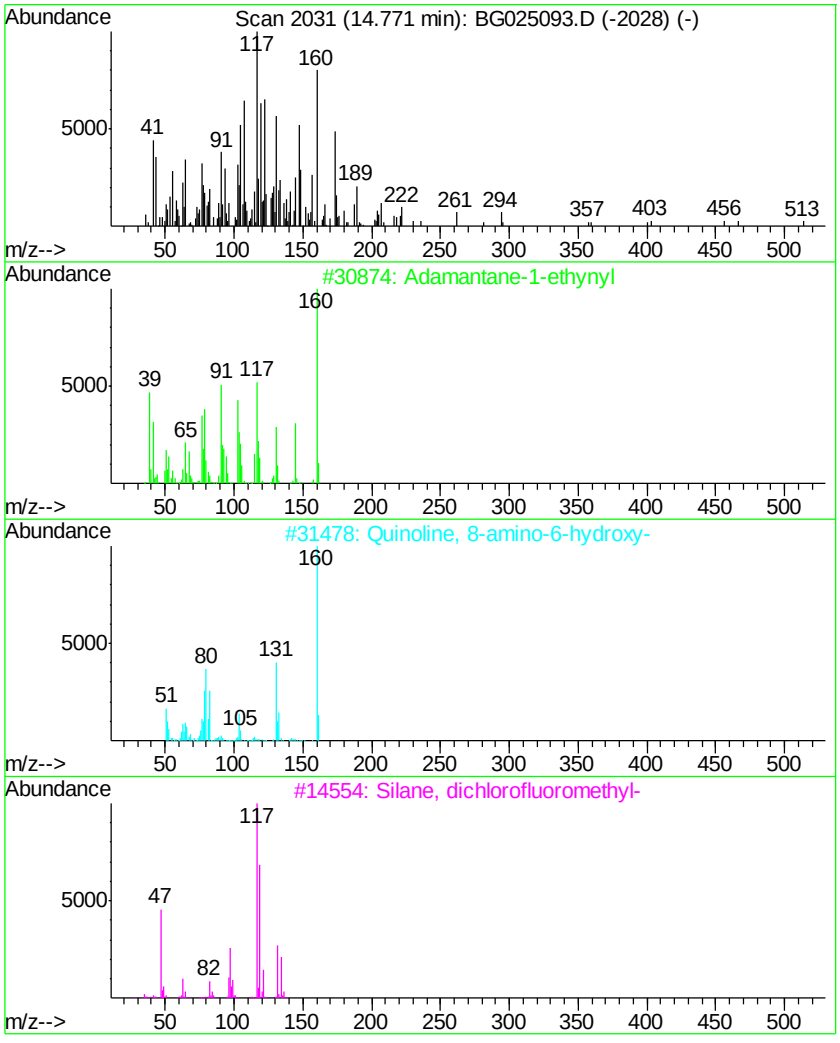
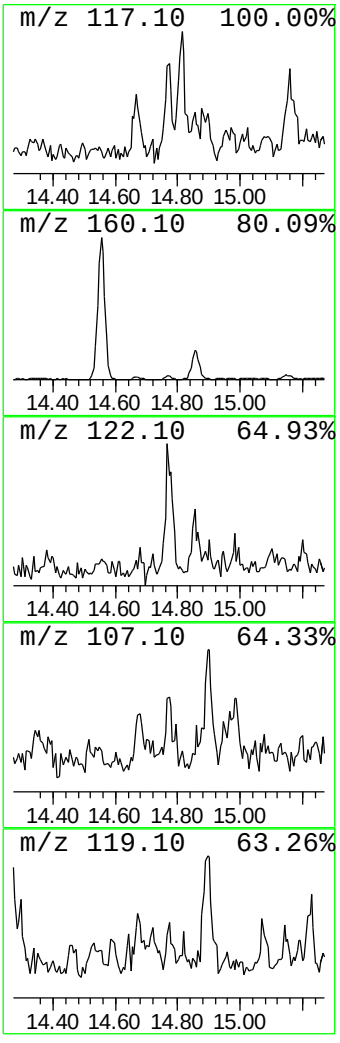
Peak Number 28 unknown-09 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.17 ng/ul	139144	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-ethynyl	160	C12H16	040430-66-8	22
2	Quinoline, 8-amino-6-hydroxy-	160	C9H8N2O	007402-16-6	18
3	Silane, dichlorofluoromethyl-	132	CH3Cl2FSi	000420-58-6	18
4	Fumaric acid, monoamide, N-(3-me...	261	C15H19NO3	1000345-63-2	14
5	Quinolin-2-ol, 4-amino-	160	C9H8N2O	110216-87-0	14





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Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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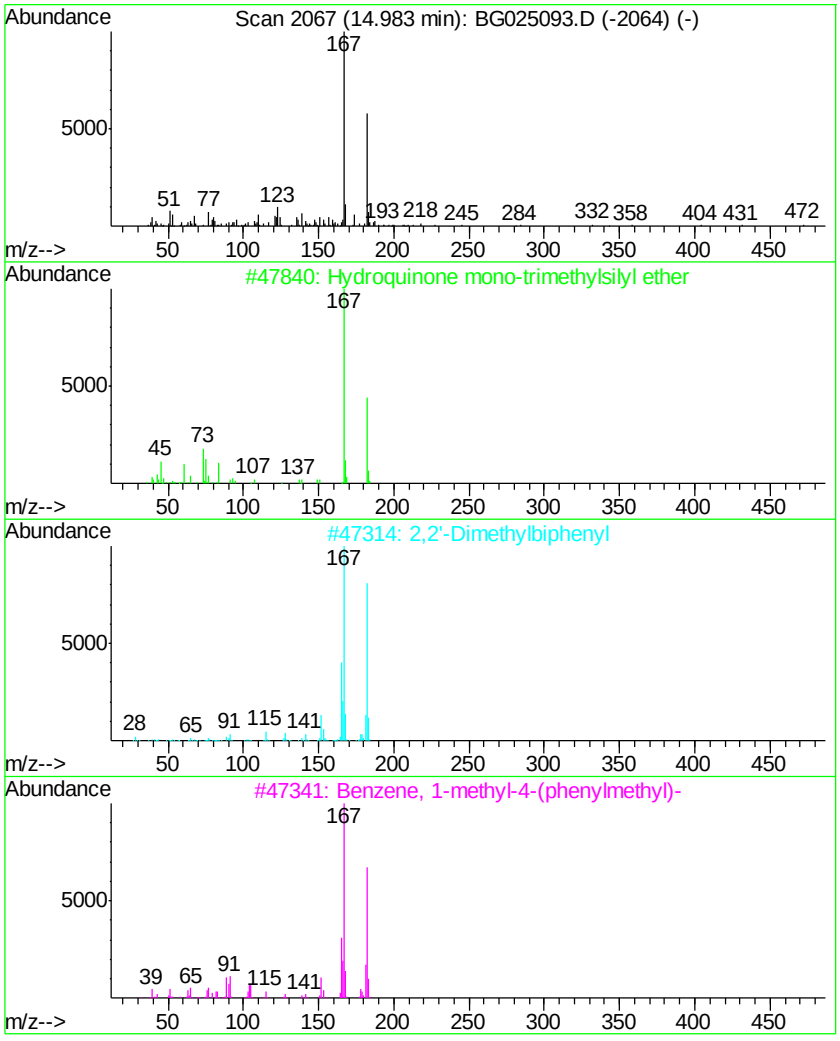
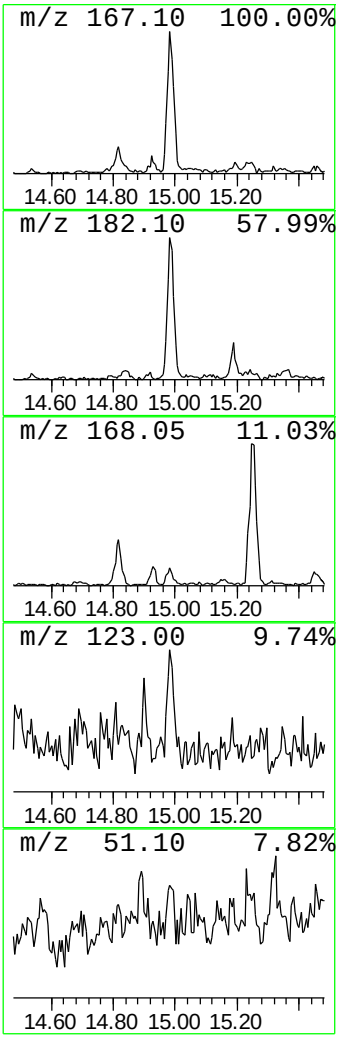
Peak Number 29 Hydroquinone mono-trimethyl... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	4.72 ng/ul	301934	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroquinone mono-trimethylsilyl...	182	C9H14O2Si	017881-87-7	80
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	72
3	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	72
4	4-Ethylbiphenyl	182	C14H14	005707-44-8	72
5	Phenol, 3-[(trimethylsilyl)oxy]-	182	C9H14O2Si	017882-01-8	72





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Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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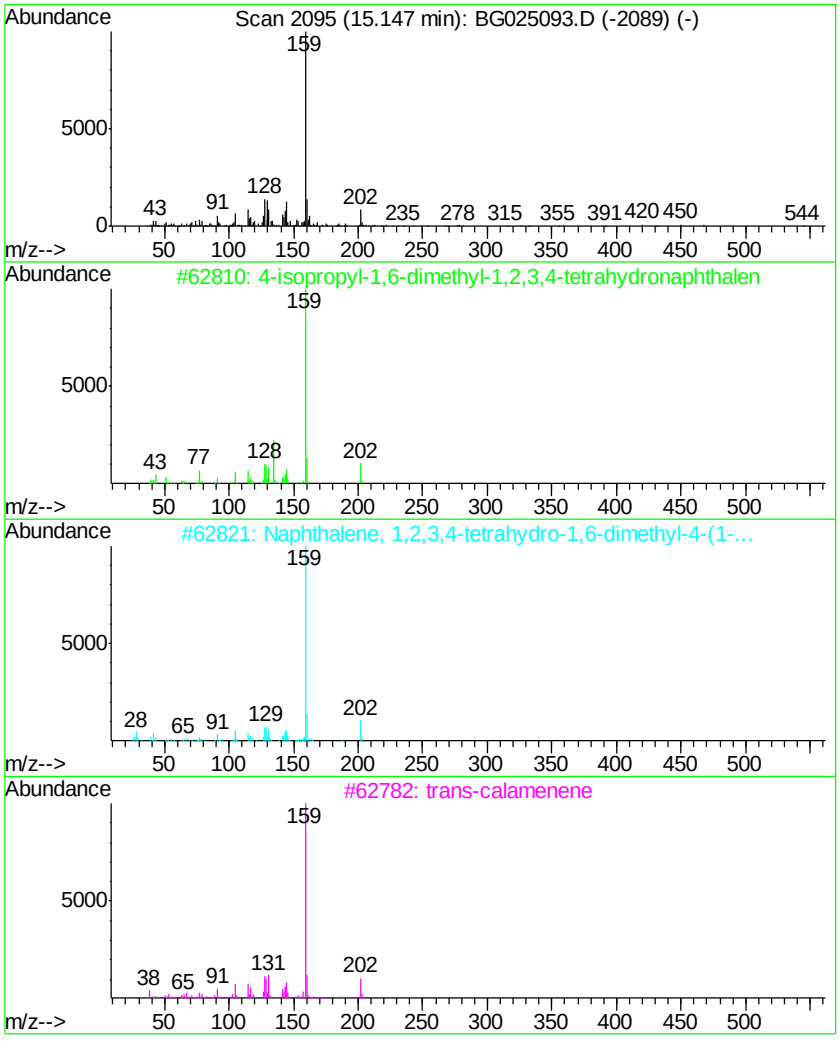
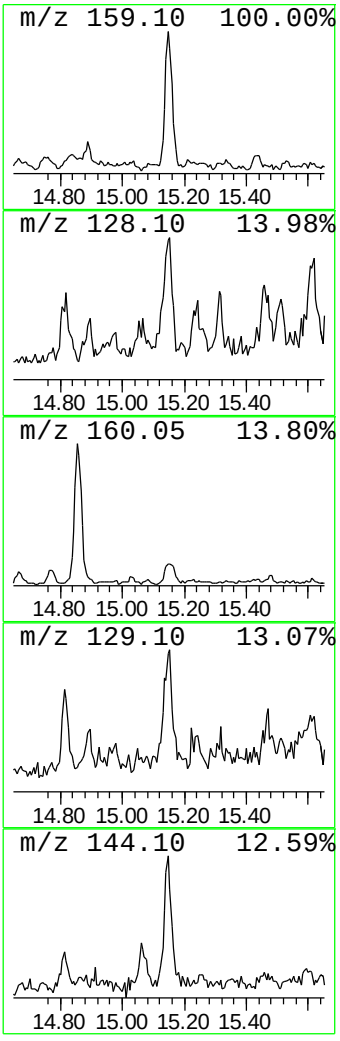
Peak Number 30 4-isopropyl-1,6-dimethyl-1,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	11.85 ng/ul	758233	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-isopropyl-1,6-dimethyl-1,2,3,4...	202	C15H22	1000378-99-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	90
3	trans-calamenene	202	C15H22	1000374-17-3	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	80
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	80





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Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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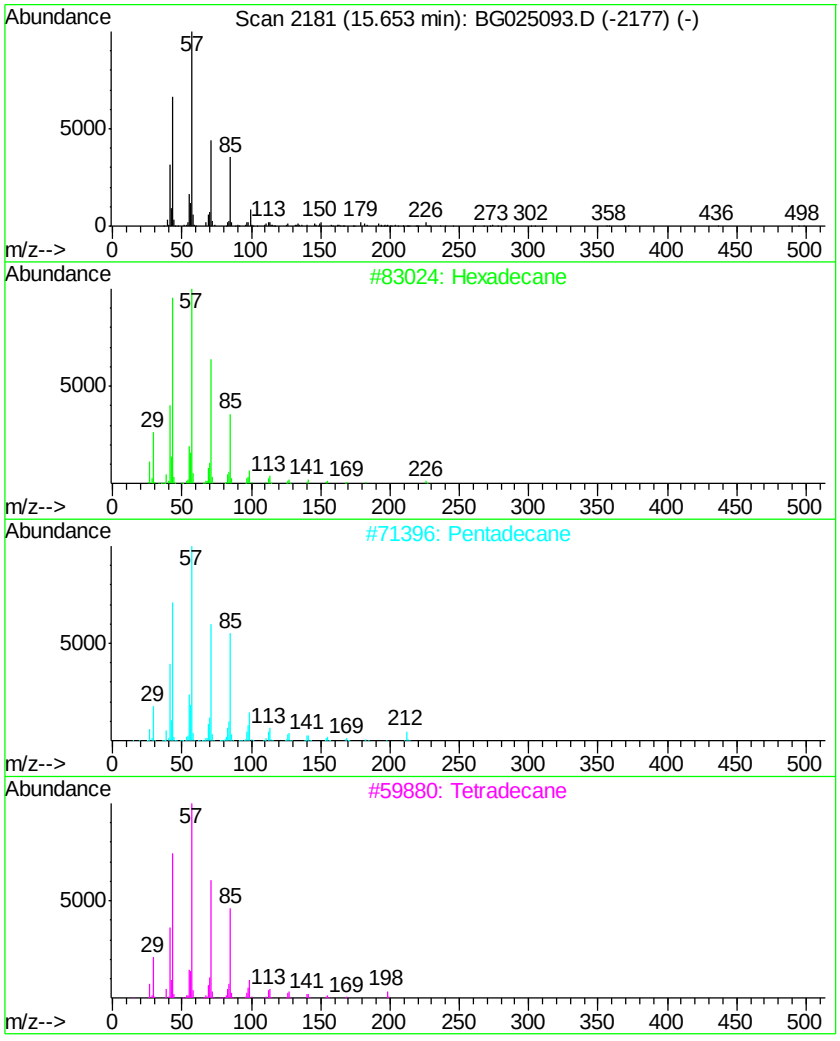
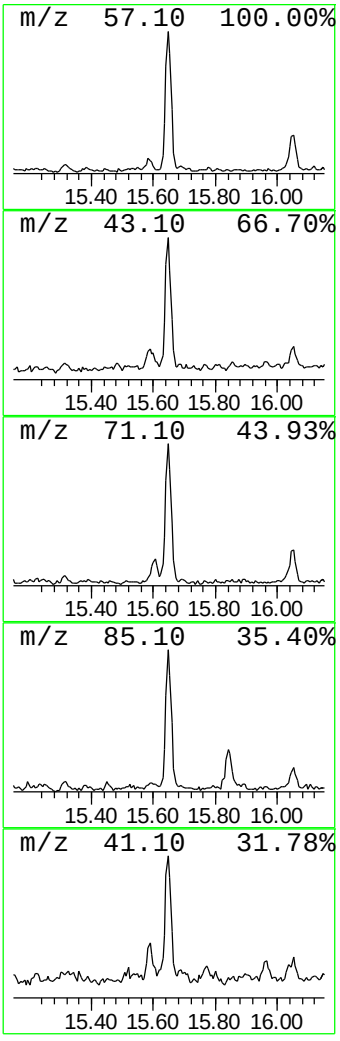
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	19.15 ng/ul	1224930	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
5	Pentadecane	212	C15H32	000629-62-9	83





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Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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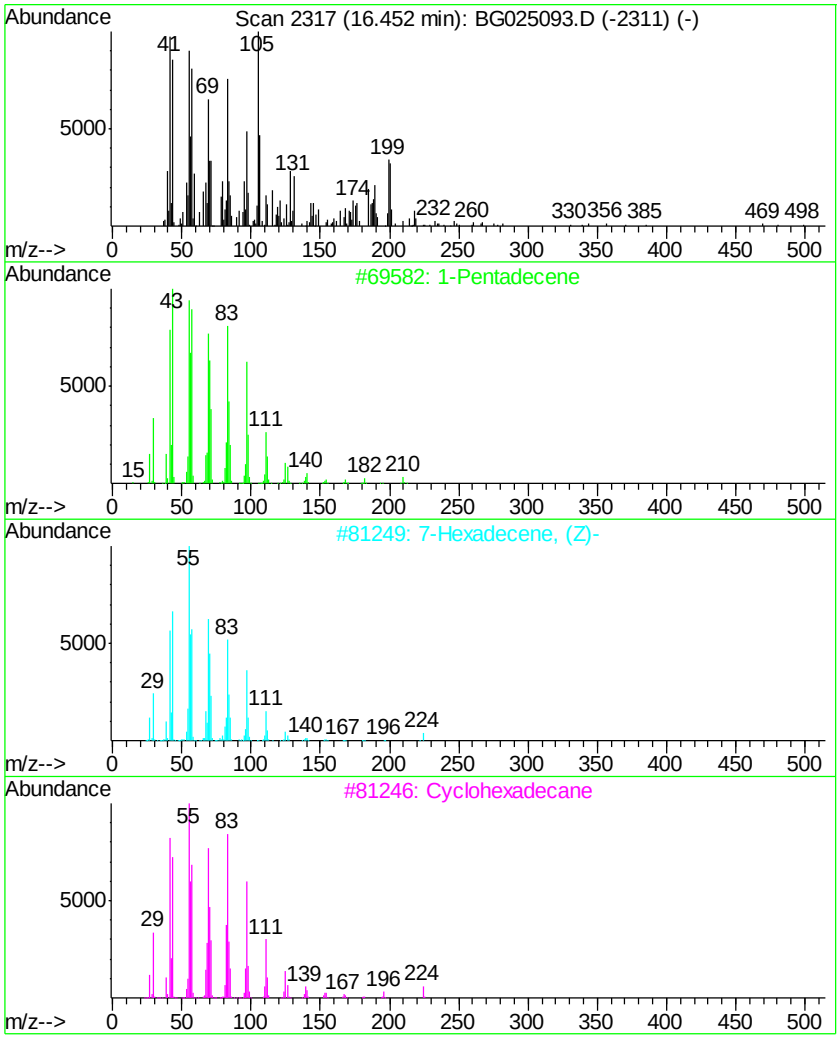
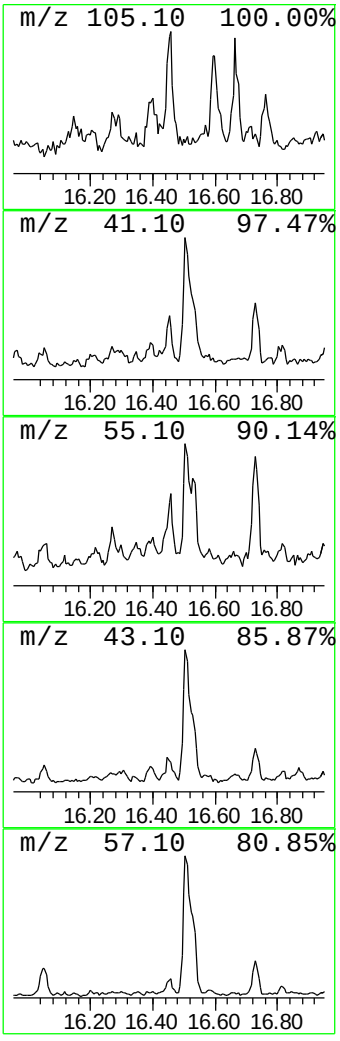
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	5.56 ng/ul	599928	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	90
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	55
3	Cyclohexadecane	224	C16H32	000295-65-8	45
4	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	42
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	38





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Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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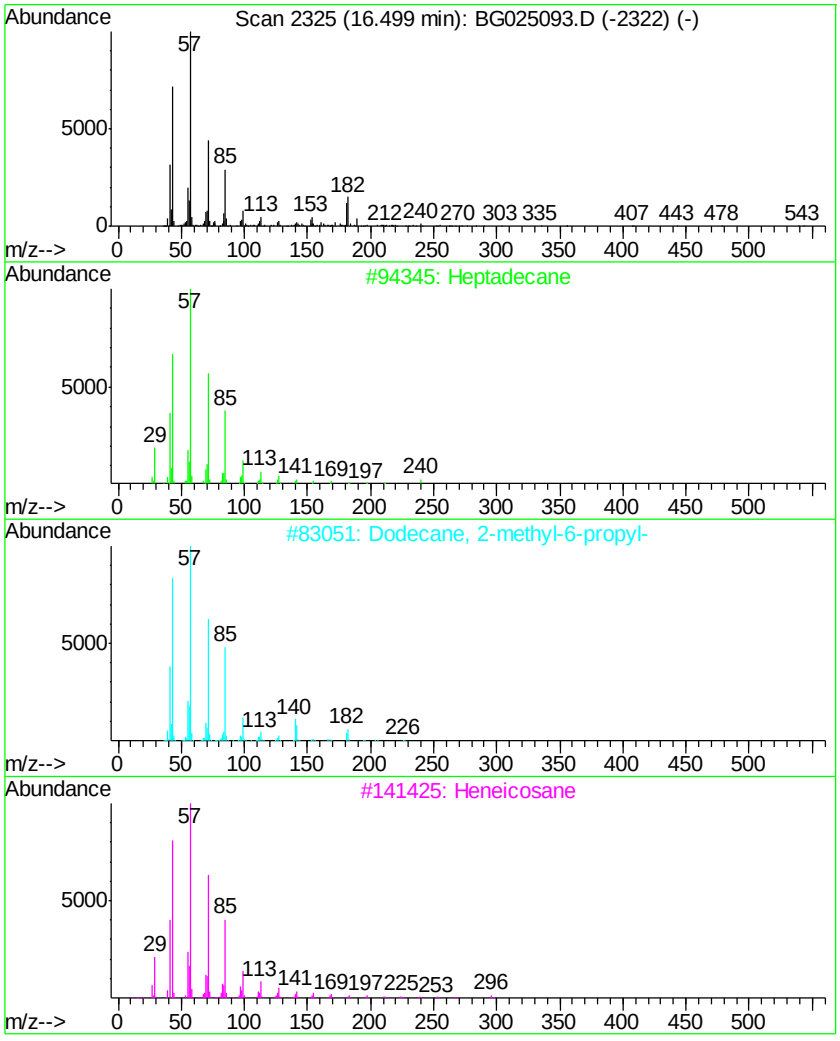
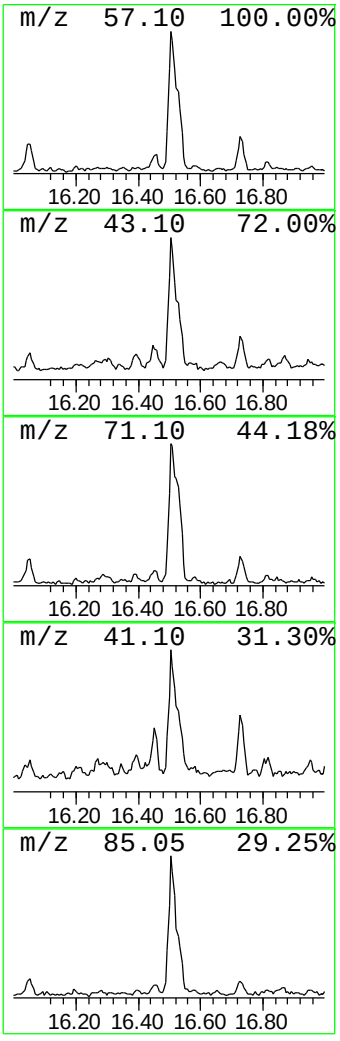
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	12.89 ng/ul	1389450	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Heneicosane	296	C21H44	000629-94-7	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Pentadecane	212	C15H32	000629-62-9	72





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Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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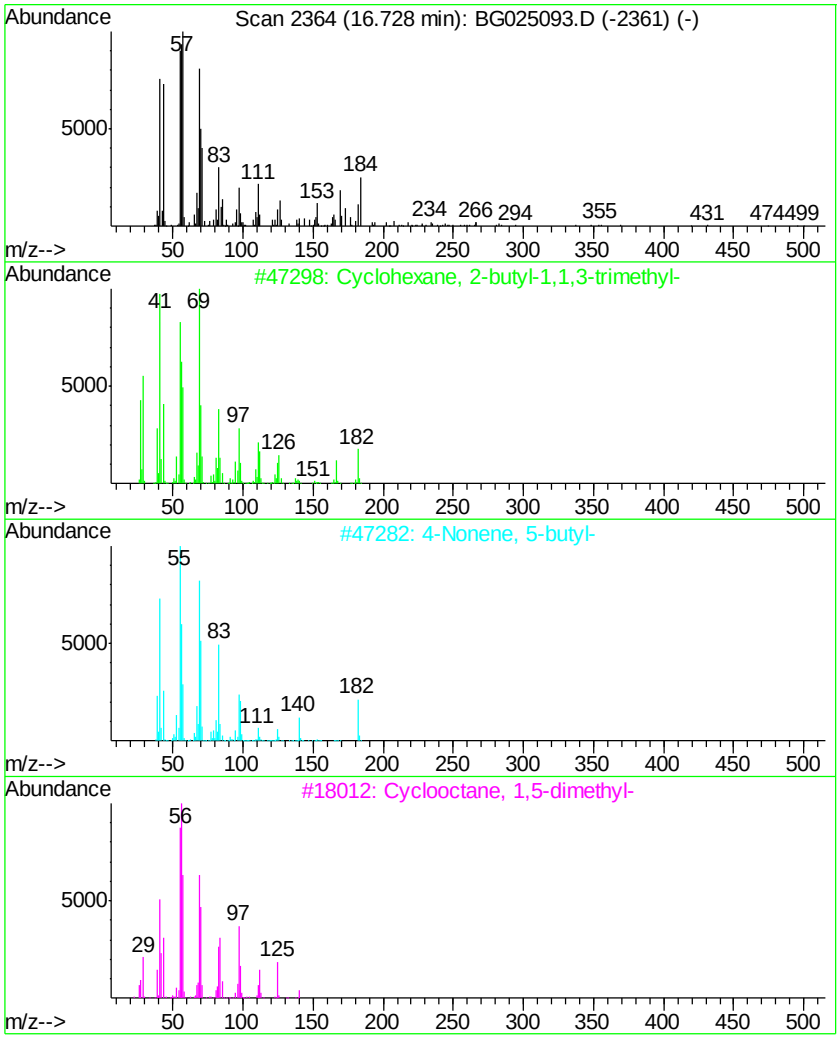
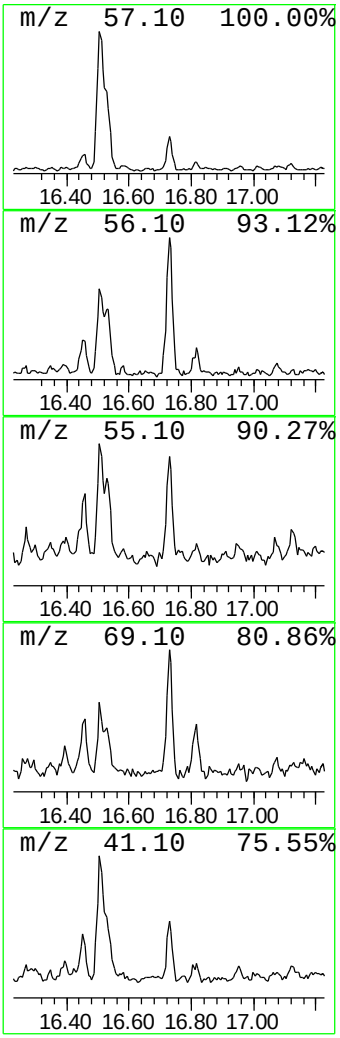
Peak Number 45 (DEL) Alkane: Cyclic16.73 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	5.17 ng/ul	556987	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	55
2	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	53
3	Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	52
4	2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	50
5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	49





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Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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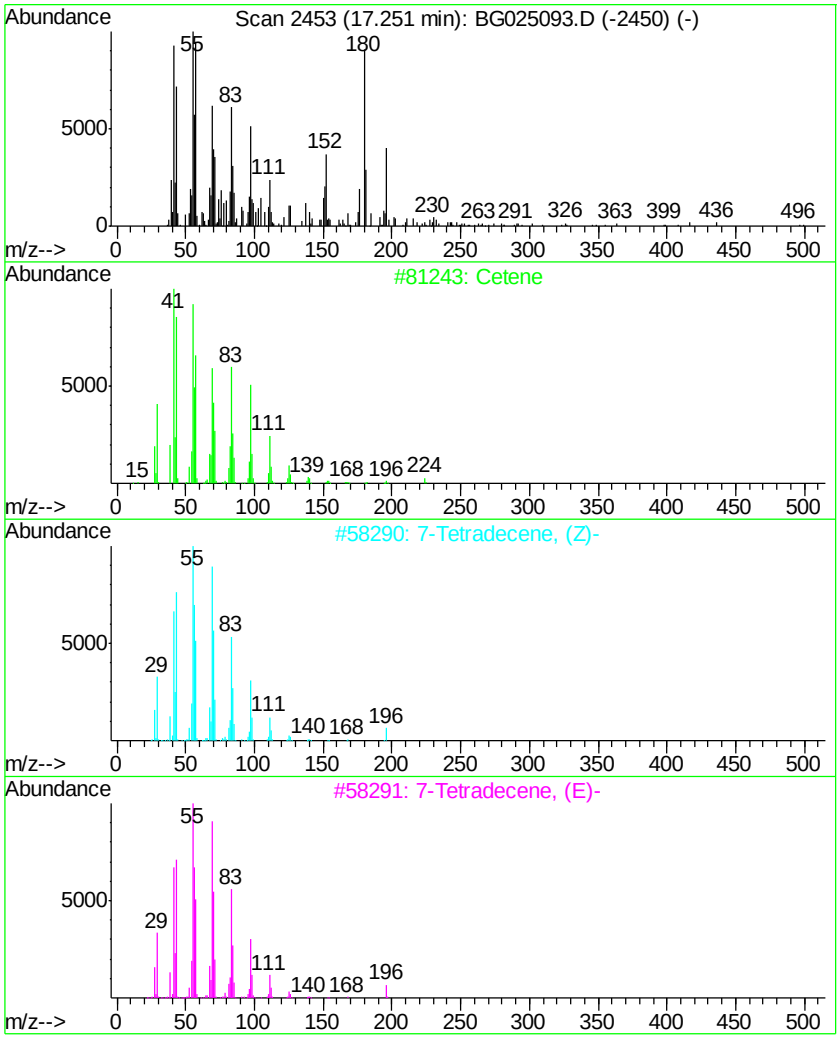
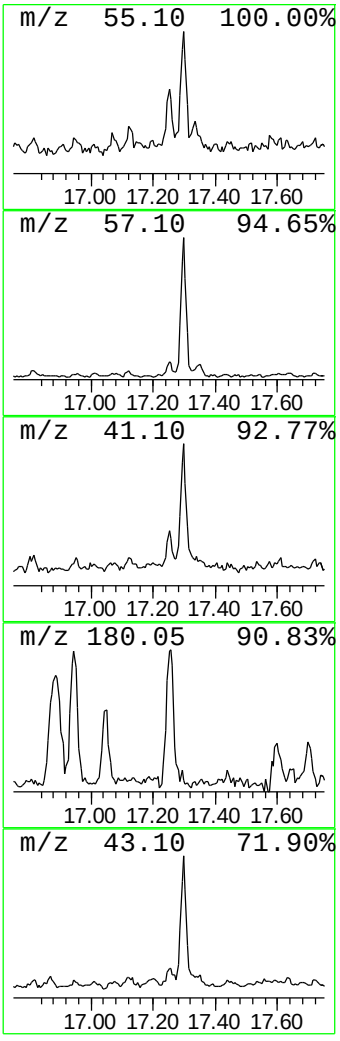
Peak Number 48 (DEL) Alkane: Cyclic17.25 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	3.91 ng/ul	421491	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	95
2	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	89
3	7-Tetradecene, (E)-	196	C14H28	041446-63-3	87
4	9-Nonadecene	266	C19H38	031035-07-1	84
5	3-Tetradecene, (E)-	196	C14H28	041446-68-8	84





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Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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Quant Title : SVOA CALIBRATION

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

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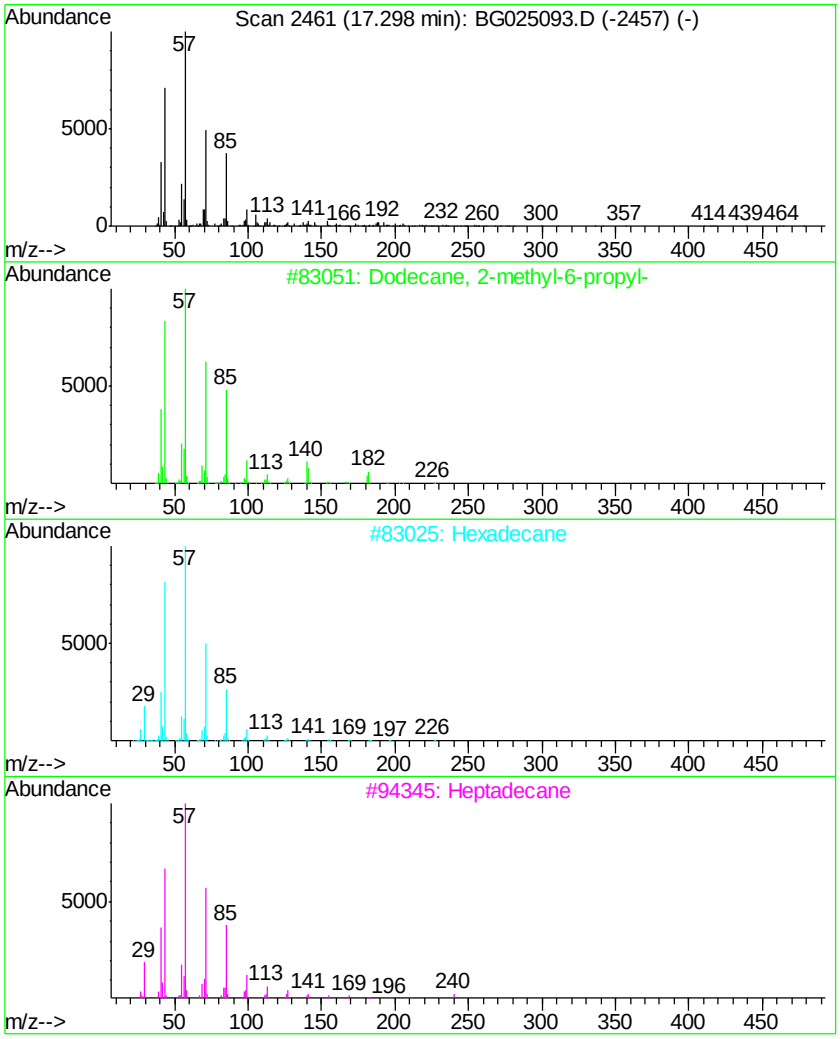
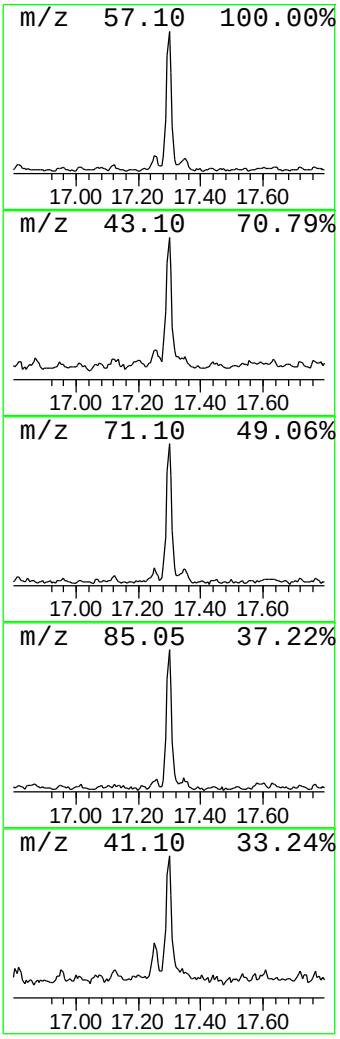
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	15.16 ng/ul	1634500	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Octadecane	254	C18H38	000593-45-3	87





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Instrument : BNA_G
ClientSampleId : DA807

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

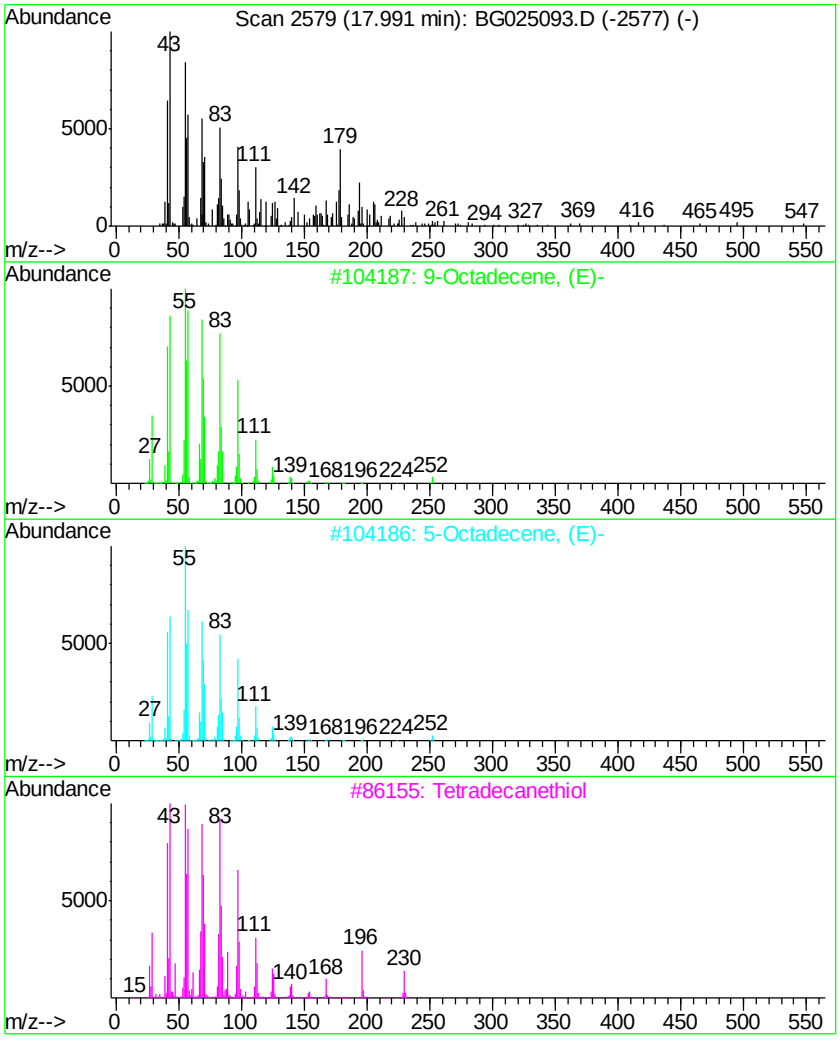
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

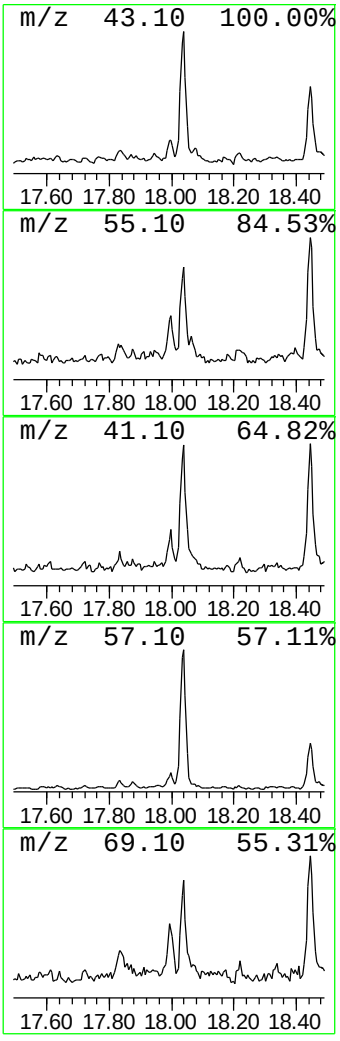
****

Peak Number 51 (DEL) Alkane: Cyclic17.99 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.03 ng/ul	326898	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	87
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	74
3	Tetradecanethiol	230	C14H30S	002079-95-0	70
4	5-Tetradecene, (Z)-	196	C14H28	041446-62-2	60
5	Cyclotetradecane	196	C14H28	000295-17-0	55





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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

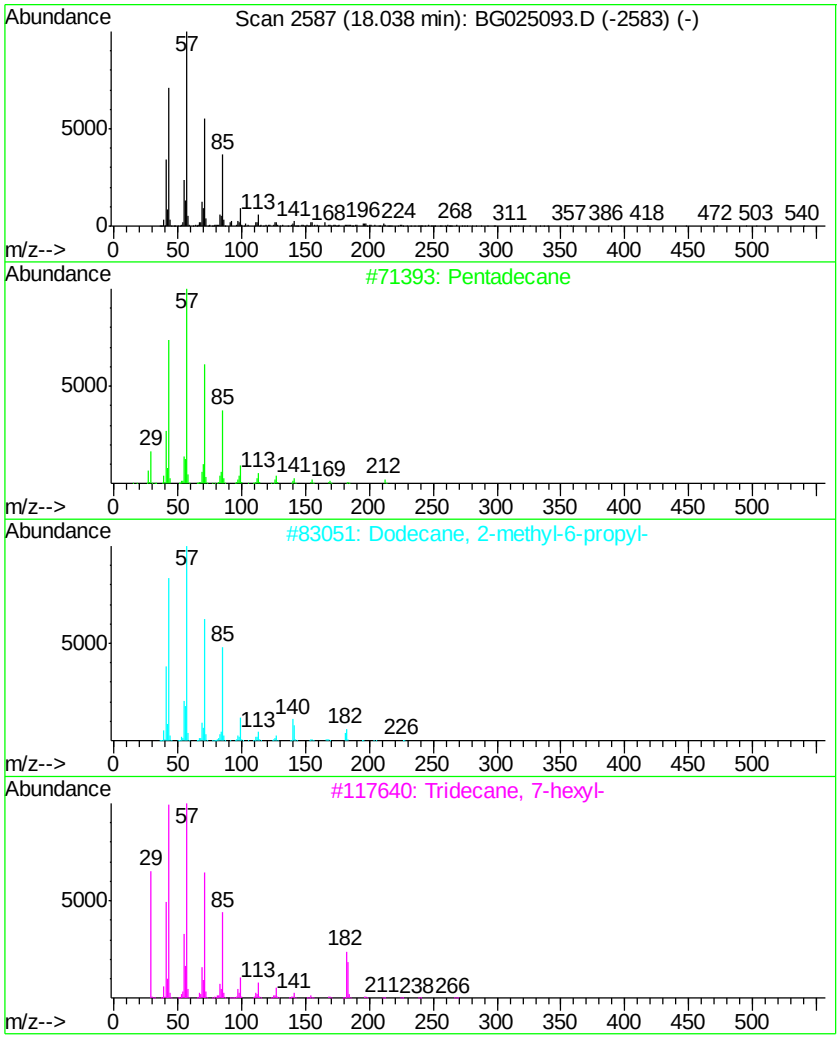
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

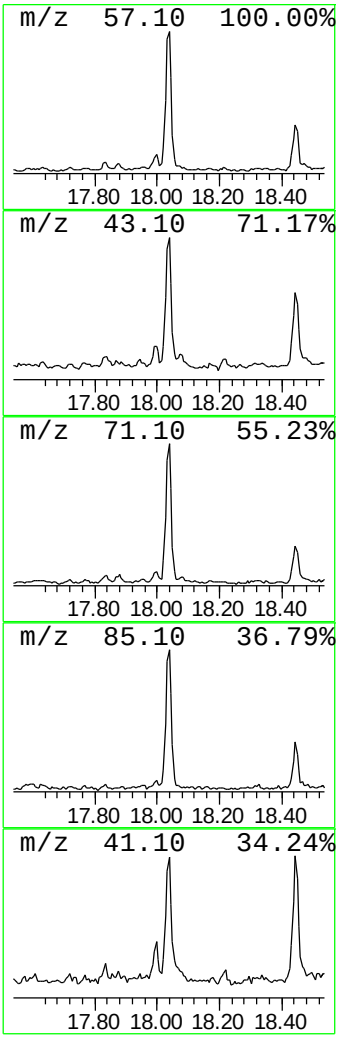
****

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	17.35 ng/ul	1870470	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Pentadecane	212	C15H32	000629-62-9	86





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Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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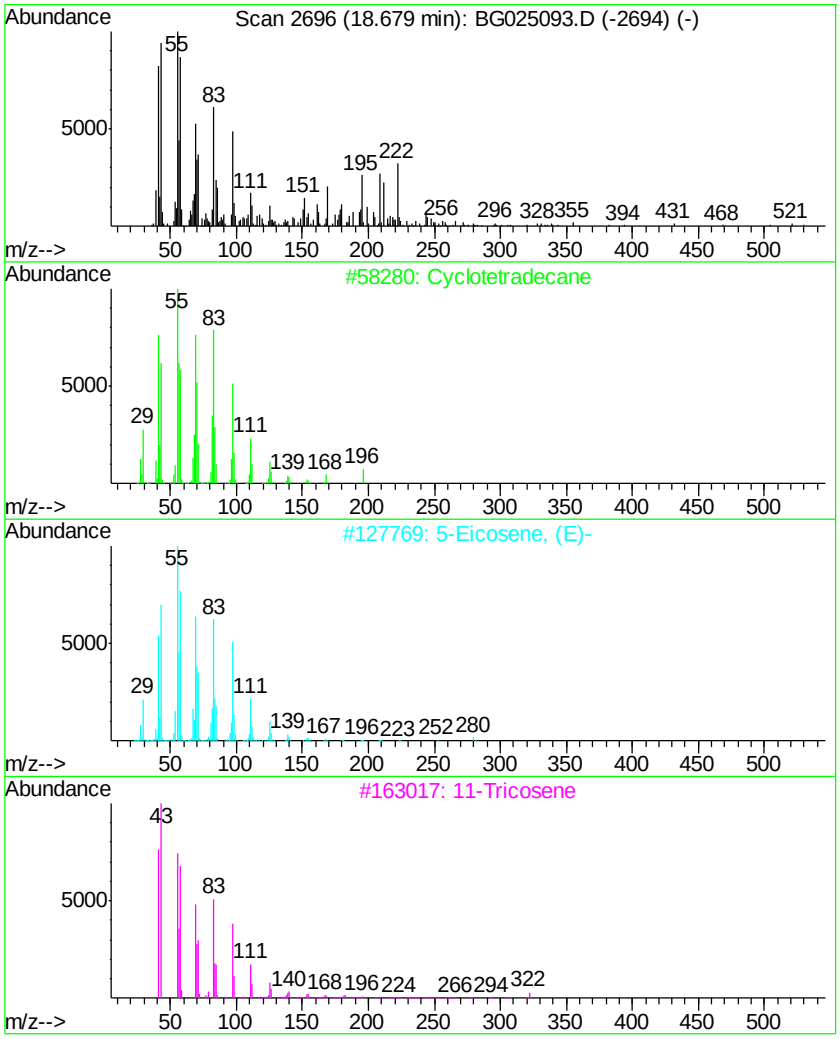
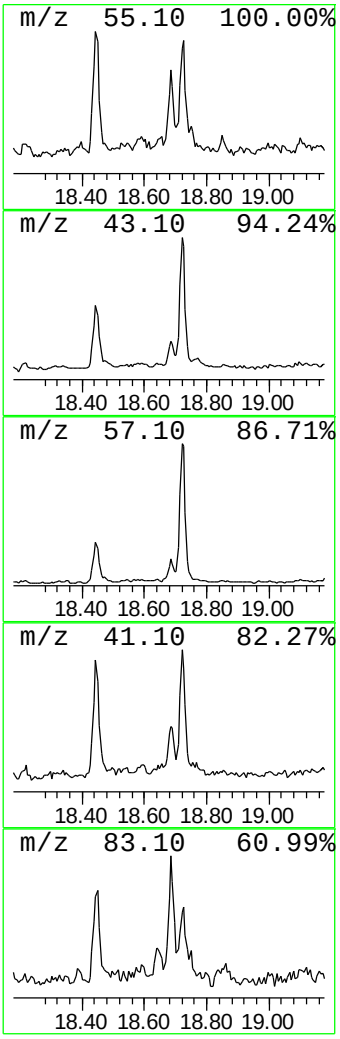
Peak Number 55 (DEL) Alkane: Cyclic18.68 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	8.56 ng/ul	922946	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	64
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	62
3	11-Tricosene	322	C23H46	052078-56-5	62
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	58
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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

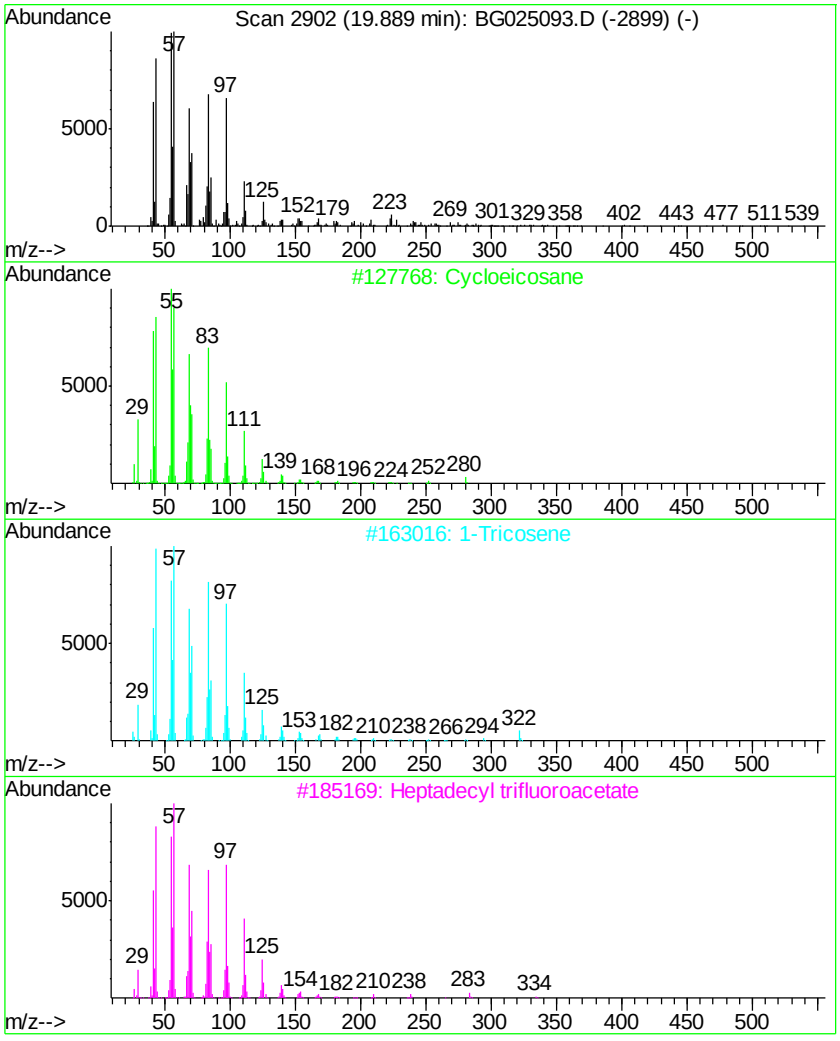
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

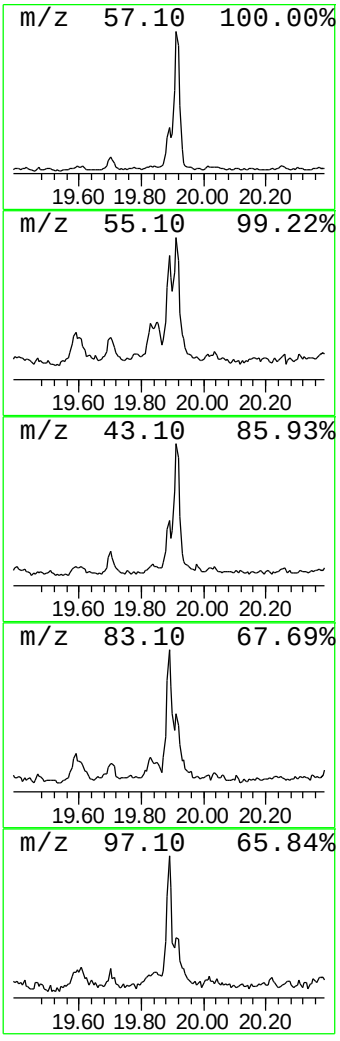
****

Peak Number 58 (DEL) Alkane: Cyclic19.89 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	8.74 ng/ul	1155540	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	1-Tricosene	322	C23H46	018835-32-0	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90





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Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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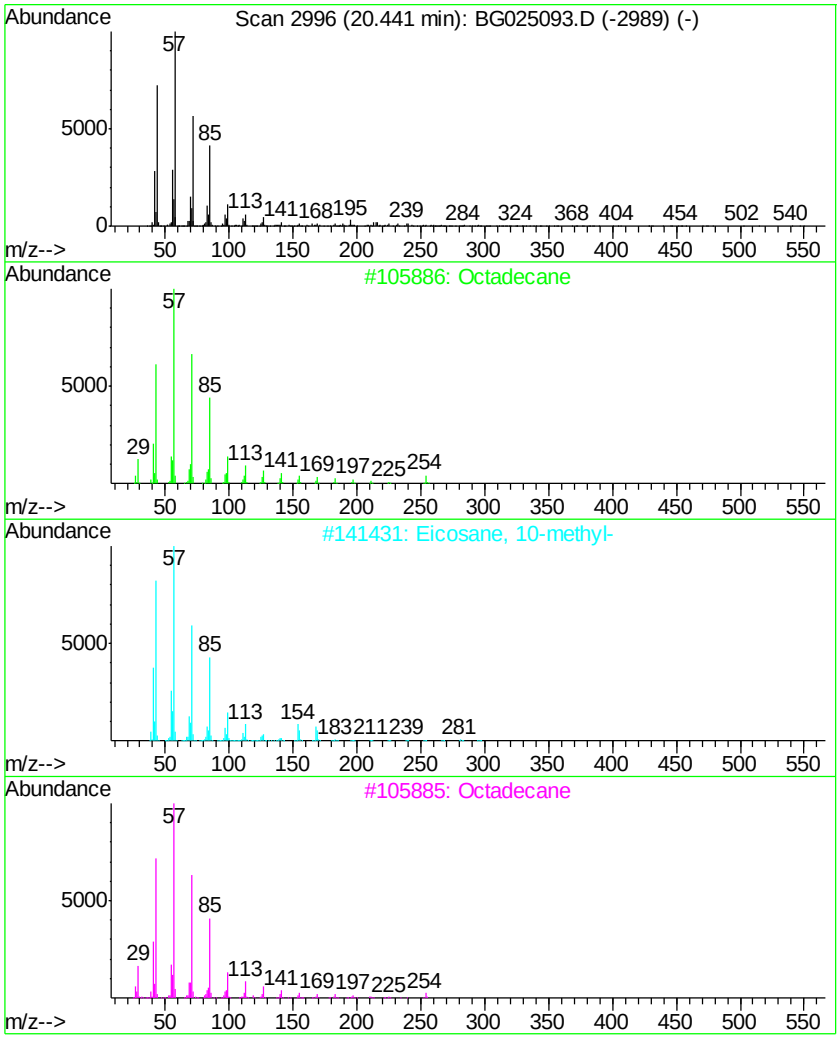
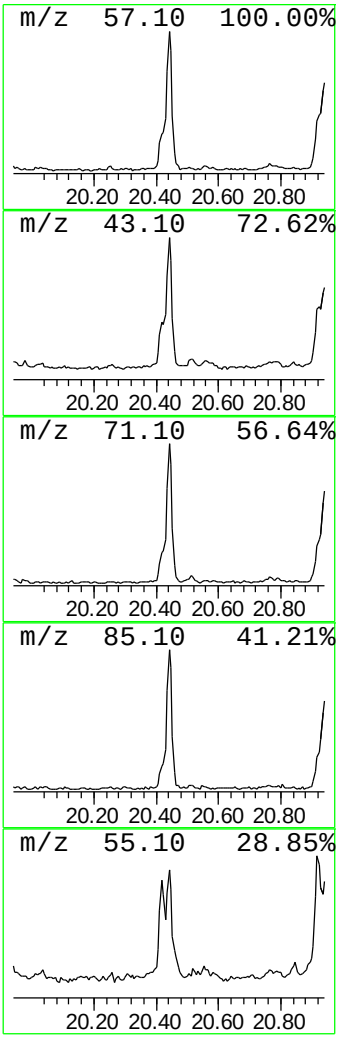
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	29.56 ng/ul	3907510	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Octadecane	254	C18H38	000593-45-3	93
4	Hexatriacontane	507	C36H74	000630-06-8	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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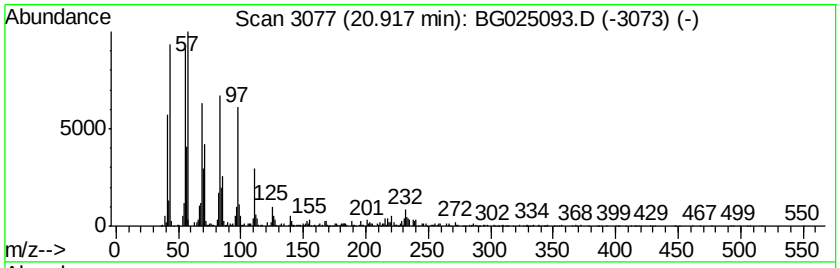
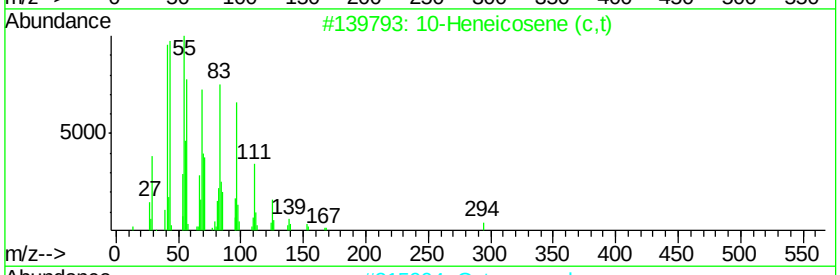
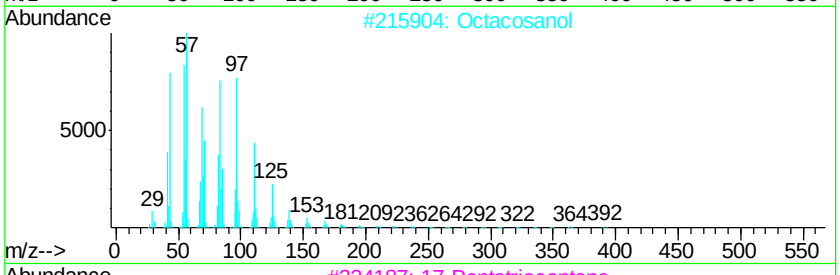
Peak Number 61 (DEL) Alkane: Cyclic20.92 Concentration Rank 16

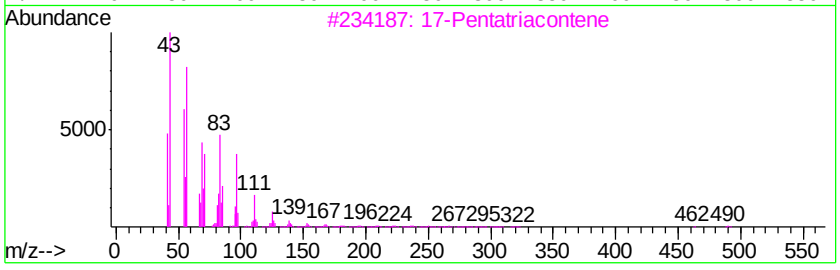
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	14.42 ng/ul	1906580	Chrysene-d12	21.89

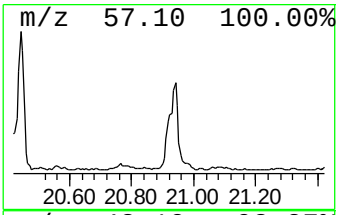
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Heneicosene (c,t)	294	C21H42	095008-11-0	90
2	Octacosanol	410	C28H58O	000557-61-9	87
3	17-Pentatriacontene	491	C35H70	006971-40-0	87
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	83
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	83

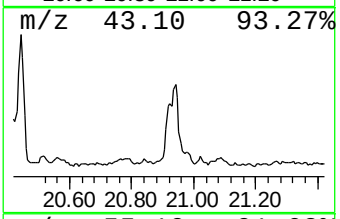


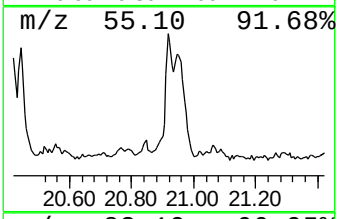


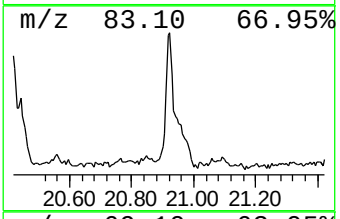


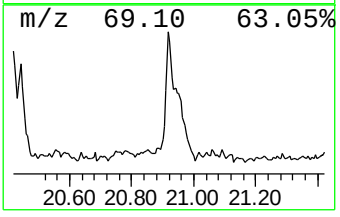












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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

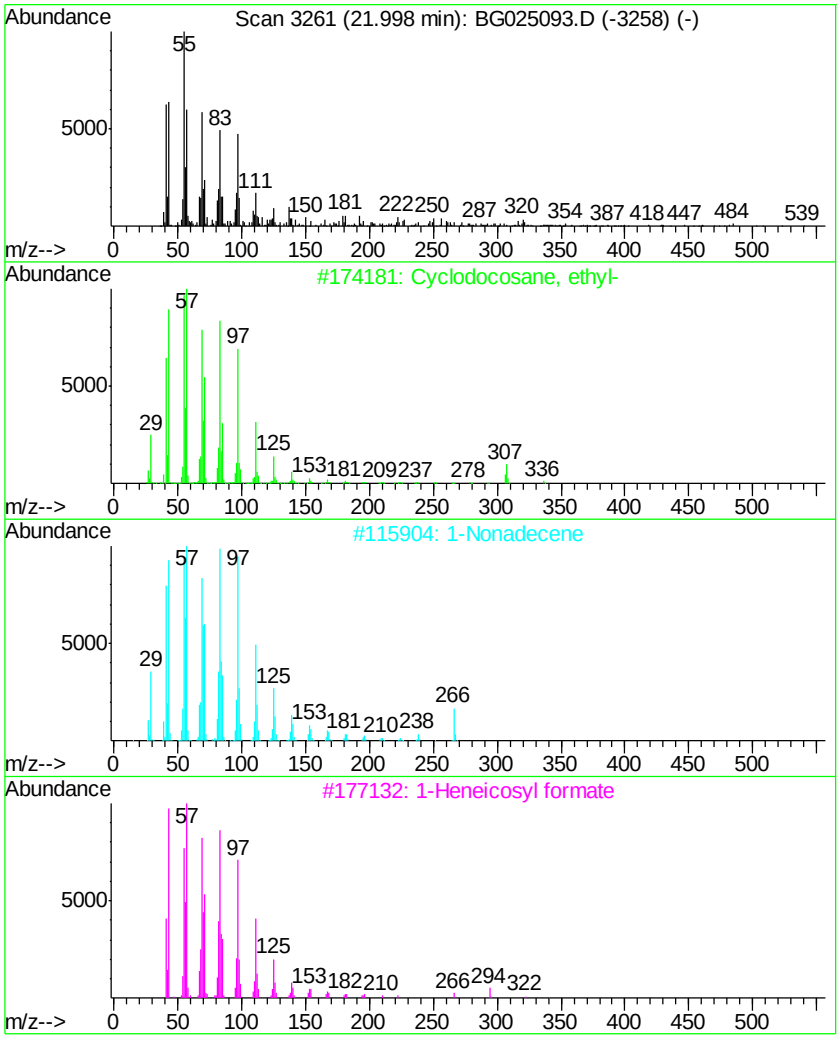
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

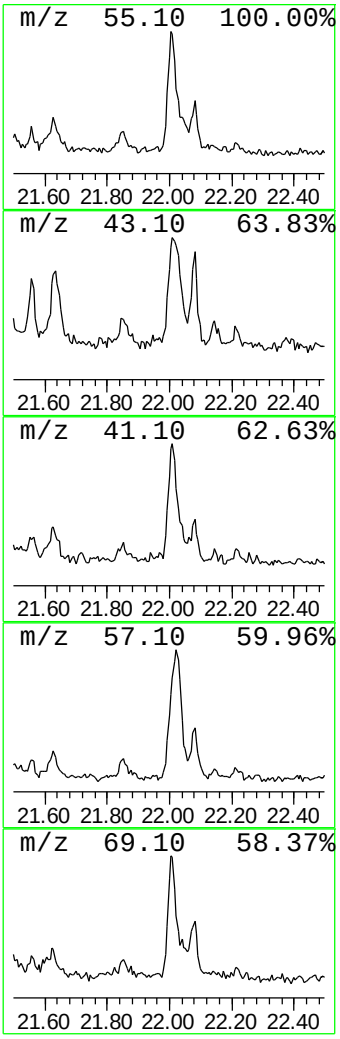
****

Peak Number 65 (DEL) Alkane: Cyclic22.00 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	16.97 ng/ul	2242850	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	93
2	1-Nonadecene	266	C19H38	018435-45-5	93
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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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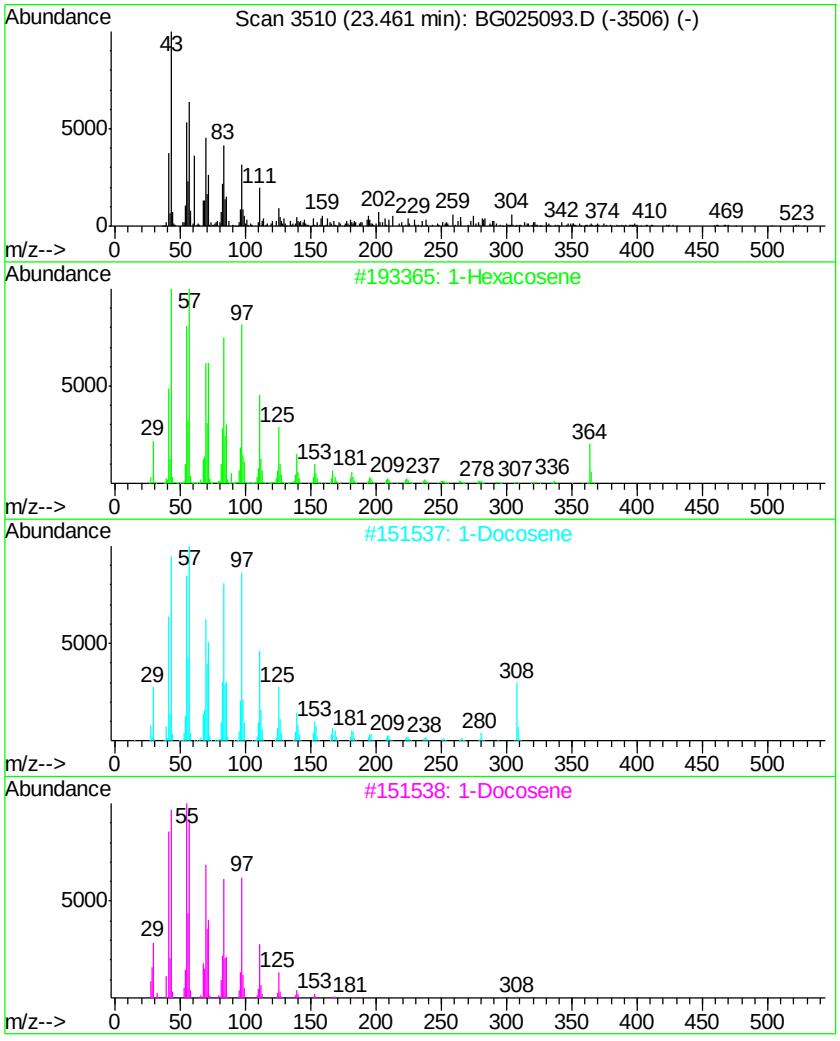
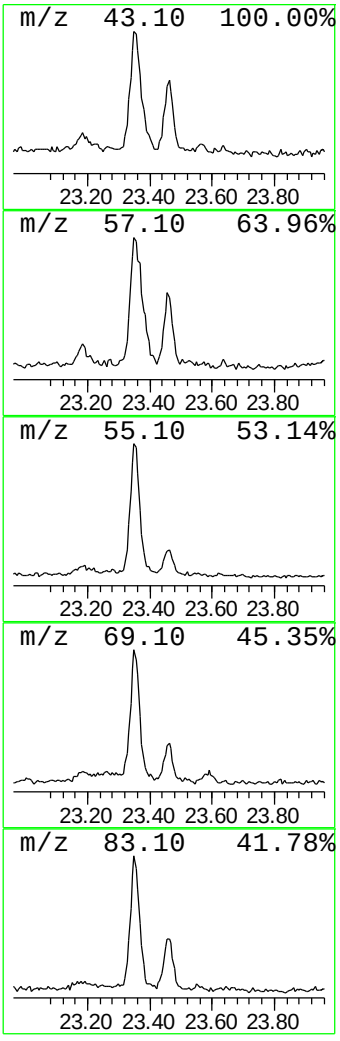
Peak Number 69 (DEL) Alkane: Cyclic23.46 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.46	4.71 ng/ul	622676	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	91
2	1-Docosene	308	C22H44	001599-67-3	83
3	1-Docosene	308	C22H44	001599-67-3	83
4	9-Hexacosene	364	C26H52	071502-22-2	83
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025093.D
Acq On : 11 Dec 2016 7:41
Operator : UM/SJ
Sample : H5905-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA807

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
Cyclopentanone, 2...	5.39	3.6	ng/ul	144066	1	8.23	790069	20.0
Benzene, 1,3-dime...	6.22	5.0	ng/ul	196986	1	8.23	790069	20.0
unknown-01	8.51	3.5	ng/ul	137390	1	8.23	790069	20.0
Mequinol	8.87	4.0	ng/ul	159745	1	8.23	790069	20.0
unknown-02	9.34	4.4	ng/ul	173267	1	8.23	790069	20.0
Phenol, 2,5-dimet...	9.67	2.4	ng/ul	144427	2	11.06	1202680	20.0
Benzofuran, 2-met...	9.78	2.2	ng/ul	132225	2	11.06	1202680	20.0
Sulfurous acid, 2...	10.98	3.0	ng/ul	181106	2	11.06	1202680	20.0
Benzofuran, 4,7-d...	11.29	3.1	ng/ul	184016	2	11.06	1202680	20.0
1H-Indazole, 5,7-...	11.42	2.5	ng/ul	152915	2	11.06	1202680	20.0
1H-Benzimidazole,...	11.46	2.3	ng/ul	139068	2	11.06	1202680	20.0
Hydrazine, 1-ethy...	11.87	2.5	ng/ul	147600	2	11.06	1202680	20.0
(DEL) Alkane: Str...	12.42	6.4	ng/ul	386114	2	11.06	1202680	20.0
4-(Trifluoromethy...	12.86	3.0	ng/ul	179032	2	11.06	1202680	20.0
Naphthalene, 1-me...	12.91	12.0	ng/ul	720399	2	11.06	1202680	20.0
unknown-03	13.00	2.7	ng/ul	172185	3	14.85	1279530	20.0
unknown-04	13.10	4.5	ng/ul	289766	3	14.85	1279530	20.0
unknown-05	13.21	2.2	ng/ul	139708	3	14.85	1279530	20.0
unknown-06	13.35	3.1	ng/ul	195808	3	14.85	1279530	20.0
unknown-07	13.45	2.0	ng/ul	129365	3	14.85	1279530	20.0
unknown-08	13.56	7.3	ng/ul	464257	3	14.85	1279530	20.0
(DEL) Alkane: Str...	13.64	9.1	ng/ul	583605	3	14.85	1279530	20.0
Naphthalene, 1-et...	13.89	6.7	ng/ul	426777	3	14.85	1279530	20.0
Naphthalene, 1,7-...	14.03	11.4	ng/ul	728361	3	14.85	1279530	20.0
Naphthalene, 1,8-...	14.18	12.6	ng/ul	806878	3	14.85	1279530	20.0
Naphthalene, 2,3-...	14.41	4.8	ng/ul	308766	3	14.85	1279530	20.0
(DEL) Alkane: Str...	14.70	13.3	ng/ul	850847	3	14.85	1279530	20.0
unknown-09	14.77	2.2	ng/ul	139144	3	14.85	1279530	20.0
Hydroquinone mono...	14.98	4.7	ng/ul	301934	3	14.85	1279530	20.0
4-isopropyl-1,6-d...	15.15	11.9	ng/ul	758233	3	14.85	1279530	20.0
(DEL) Alkane: Str...	15.65	19.1	ng/ul	1224930	3	14.85	1279530	20.0
(DEL) Alkane: Str...	16.45	5.6	ng/ul	599928	4	17.60	2156380	20.0
(DEL) Alkane: Str...	16.50	12.9	ng/ul	1389450	4	17.60	2156380	20.0
(DEL) Alkane: Cyc...	16.73	5.2	ng/ul	556987	4	17.60	2156380	20.0
(DEL) Alkane: Cyc...	17.25	3.9	ng/ul	421491	4	17.60	2156380	20.0
(DEL) Alkane: Str...	17.30	15.2	ng/ul	1634500	4	17.60	2156380	20.0
(DEL) Alkane: Cyc...	17.99	3.0	ng/ul	326898	4	17.60	2156380	20.0
(DEL) Alkane: Str...	18.04	17.4	ng/ul	1870470	4	17.60	2156380	20.0
(DEL) Alkane: Cyc...	18.68	8.6	ng/ul	922946	4	17.60	2156380	20.0
(DEL) Alkane: Cyc...	19.89	8.7	ng/ul	1155540	5	21.89	2643680	20.0
(DEL) Alkane: Str...	20.44	29.6	ng/ul	3907510	5	21.89	2643680	20.0
(DEL) Alkane: Cyc...	20.92	14.4	ng/ul	1906580	5	21.89	2643680	20.0
(DEL) Alkane: Cyc...	22.00	17.0	ng/ul	2242850	5	21.89	2643680	20.0
(DEL) Alkane: Cyc...	23.46	4.7	ng/ul	622676	5	21.89	2643680	20.0