LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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	5.835	501	510	522	rBV	431376	1064411	13.41%	0.702%
2	6.211	565	574	580	rVV	341367	702325	8.85%	0.463%
3	7.862	850	855	862	rVB2	462411	807760	10.17%	0.533%
4	8.232	902	918	926	rBV2	297805	654564	8.24%	0.432%
5	8.684	989	995	1002	rVV	480355	922864	11.62%	0.609%
6	9.019	1045	1052	1067	rVB	1132943	2314316	29.15%	1.526%
7	9.419	1115	1120	1128	rVB2	405920	694831	8.75%	0.458%
8	9.595	1137	1150	1156	rVB7	270849	788483	9.93%	0.520%
9	9.672	1156	1163	1166	rBV2	523104	985535	12.41%	0.650%
10	9.713	1166	1170	1176	rVB	484989	946126	11.92%	0.624%
11	9.783	1176	1182	1191	rVB	1296376	2357674	29.69%	1.555%
12	10.012	1215	1221	1230	rVB2	357881	717788	9.04%	0.473%
13	10.224	1251	1257	1260	rBV	1348768	2467128	31.07%	1.627%
14	10.259	1261	1263	1275	rVB2	1086397	1742877	21.95%	1.149%
15	10.506	1286	1305	1309	rBV	2713947	7350626	92.58%	4.847%
16	10.541	1309	1311	1320	rVV2	1514533	2286291	28.79%	1.508%
17	10.688	1330	1336	1342	rBV2	821419	1524380	19.20%	1.005%
18	10.876	1359	1368	1373	rBV3	427172	1035753	13.04%	0.683%
19	10.935	1373	1378	1382	rVV2	493058	826218	10.41%	0.545%
20	11.111	1404	1408	1418	rVB	650022	1224127	15.42%	0.807%
21	11.199	1418	1423	1434	rBV2	734923	1517327	19.11%	1.001%
22	11.293	1434	1439	1453	rVB4	616797	2092426	26.35%	1.380%
23	11.417	1453	1460	1464	rBV2	997627	1987244	25.03%	1.310%
24	11.464	1464	1468	1477	rVB2	965875	1437810	18.11%	0.948%
25	11.593	1484	1490	1495	rBV	1006460	1647047	20.74%	1.086%
26	11.816	1521	1528	1533	rBV4	335105	670191	8.44%	0.442%
27	11.887	1533	1540	1548	rVV2	4206529	7940083	100.00%	5.236%
28	12.075	1565	1572	1576	rBV3	746502	1639036	20.64%	1.081%
29	12.128	1576	1581	1586	rVV3	839676	1685755	21.23%	1.112%
30	12.180	1586	1590	1595	rVV4	327707	691847	8.71%	0.456%
31	12.245	1595	1601	1609	rVB4	352227	895919	11.28%	0.591%
32	12.445	1631	1635	1643	rVB3	638809	1164781	14.67%	0.768%
33	12.592	1649	1660	1666	rBV6	372526	1277152	16.08%	0.842%
34	12.703	1673	1679	1682	rBV	1158130	1877894	23.65%	1.238%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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	12.827	1695	1700	1710	rVB4	816007	2073926	26.12%	1.368%
36	12.921	1710	1716	1722	rVB2	881702	1575059	19.84%	1.039%
37	13.009	1722	1731	1735	rBV3	645712	1218933	15.35%	0.804%
38	13.056	1735	1739	1743	rBV2	994005	1515855	19.09%	1.000%
39	13.126	1749	1751	1761	rVB5	330988	633275	7.98%	0.418%
40	13.214	1761	1766	1770	rVV	1119192	1781369	22.44%	1.175%
41	13.267	1770	1775	1783	rVV5	913582	2163994	27.25%	1.427%
42	13.344	1783	1788	1801	rVB6	665902	1667279	21.00%	1.099%
43	13.543	1815	1822	1825	rBV2	467193	1075333	13.54%	0.709%
44	13.632	1832	1837	1844	rVB5	415369	654220	8.24%	0.431%
45	14.008	1895	1901	1905	rBV4	936737	2005653	25.26%	1.323%
46	14.184	1925	1931	1934	rVV3	716100	1364244	17.18%	0.900%
47	14.231	1934	1939	1948	rVB5	1206403	2779012	35.00%	1.833%
48	14.348	1954	1959	1968	rBV5	916114	2428792	30.59%	1.602%
49	14.437	1969	1974	1979	rVB3	318211	744268	9.37%	0.491%
50	14.560	1987	1995	2002	rBV4	632363	1603606	20.20%	1.057%
51	14.701	2010	2019	2029	rBV5	484531	1596031	20.10%	1.052%
52	14.860	2041	2046	2049	rBV2	740287	1279299	16.11%	0.844%
53	14.930	2055	2058	2070	rVB3	518302	1280381	16.13%	0.844%
54	15.053	2070	2079	2085	rBV4	678560	1835335	23.11%	1.210%
55	15.153	2092	2096	2100	rBV3	507542	816552	10.28%	0.538%
56	15.236	2105	2110	2115	rBV4	841555	1474687	18.57%	0.972%
57	15.294	2116	2120	2123	rBV3	426325	648912	8.17%	0.428%
58	15.453	2142	2147	2153	rBV6	370692	909776	11.46%	0.600%
59	15.512	2153	2157	2165	rVB5	583613	1085454	13.67%	0.716%
60	15.612	2165	2174	2176	rBV4	673794	1372634	17.29%	0.905%
61	15.800	2200	2206	2209	rBV7	335883	806571	10.16%	0.532%
62	15.847	2210	2214	2217	rVV3	626403	1050225	13.23%	0.693%
63	15.882	2217	2220	2227	rVV4	662148	1503765	18.94%	0.992%
64	16.293	2284	2290	2294	rBV3	649501	1420819	17.89%	0.937%
65	16.452	2311	2317	2321	rVV4	494857	885082	11.15%	0.584%
66	16.505	2321	2326	2330	rVV3	633159	1044037	13.15%	0.688%
67	16.546	2330	2333	2340	rVB3	451319	750201	9.45%	0.495%
68	16.687	2353	2357	2361	rBV6	416406	776682	9.78%	0.512%
69	16.722	2361	2363	2369	rVB4	477963	653594	8.23%	0.431%
70	16.793	2369	2375	2384	rVB8	440396	991751	12.49%	0.654%
71	16.898	2385	2393	2398	rBV7	396983	1156539	14.57%	0.763%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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	16.957	2398	2403	2408	rVB5	707703	1172497	14.77%	0.773%
73	17.122	2428	2431	2437	rVB4	391271	693065	8.73%	0.457%
74	17.292	2456	2460	2463	rVV2	493680	661219	8.33%	0.436%
75	17.439	2480	2485	2491	rVB2	410009	727905	9.17%	0.480%
76	17.504	2491	2496	2499	rBV2	443214	748505	9.43%	0.494%
77	17.603	2508	2513	2518	rBV	735851	1106302	13.93%	0.730%
78	17.703	2525	2530	2538	rVV2	506380	1174128	14.79%	0.774%
79	17.774	2538	2542	2548	rVB4	714383	1344215	16.93%	0.886%
80	18.032	2582	2586	2591	rVV2	602513	916299	11.54%	0.604%
81	18.338	2633	2638	2642	rBV4	378735	676569	8.52%	0.446%
82	18.450	2652	2657	2664	rBV3	2098624	3120210	39.30%	2.058%
83	18.679	2687	2696	2699	rVV6	609547	1386199	17.46%	0.914%
84	19.307	2796	2803	2805	rBV5	408582	832239	10.48%	0.549%
85	19.589	2842	2851	2864	rBV4	1153635	4277344	53.87%	2.821%
86	19.818	2886	2890	2897	rBV	781436	1654552	20.84%	1.091%
87	19.883	2897	2901	2903	rVV	890915	1136731	14.32%	0.750%
88	19.912	2903	2906	2911	rVB2	814157	1107229	13.94%	0.730%
89	19.977	2912	2917	2929	rVB2	1078554	2362358	29.75%	1.558%
90	20.412	2987	2991	2993	rBV	716994	833035	10.49%	0.549%
91	20.911	3072	3076	3091	rVB3	1013150	2346912	29.56%	1.548%
92	21.458	3161	3169	3178	rVB	778334	1596207	20.10%	1.053%
93	21.898	3239	3244	3252	rVB	865746	1503310	18.93%	0.991%
94	22.686	3373	3378	3386	rVB2	375036	674882	8.50%	0.445%
95	23.350	3477	3491	3517	rVB2	672464	4676413	58.90%	3.084%
96	25.095	3781	3788	3798	rVB2	444658	1278647	16.10%	0.843%
97	25.336	3821	3829	3841	rVB3	520573	1638030	20.63%	1.080%
98	25.900	3920	3925	3934	rVB6	247815	651155	8.20%	0.429%
99	26.540	4029	4034	4044	rVB6	259727	835004	10.52%	0.551%
100	27.186	4134	4144	4163	rVB6	966491	3956609	49.83%	2.609%

Sum of corrected areas: 151649504

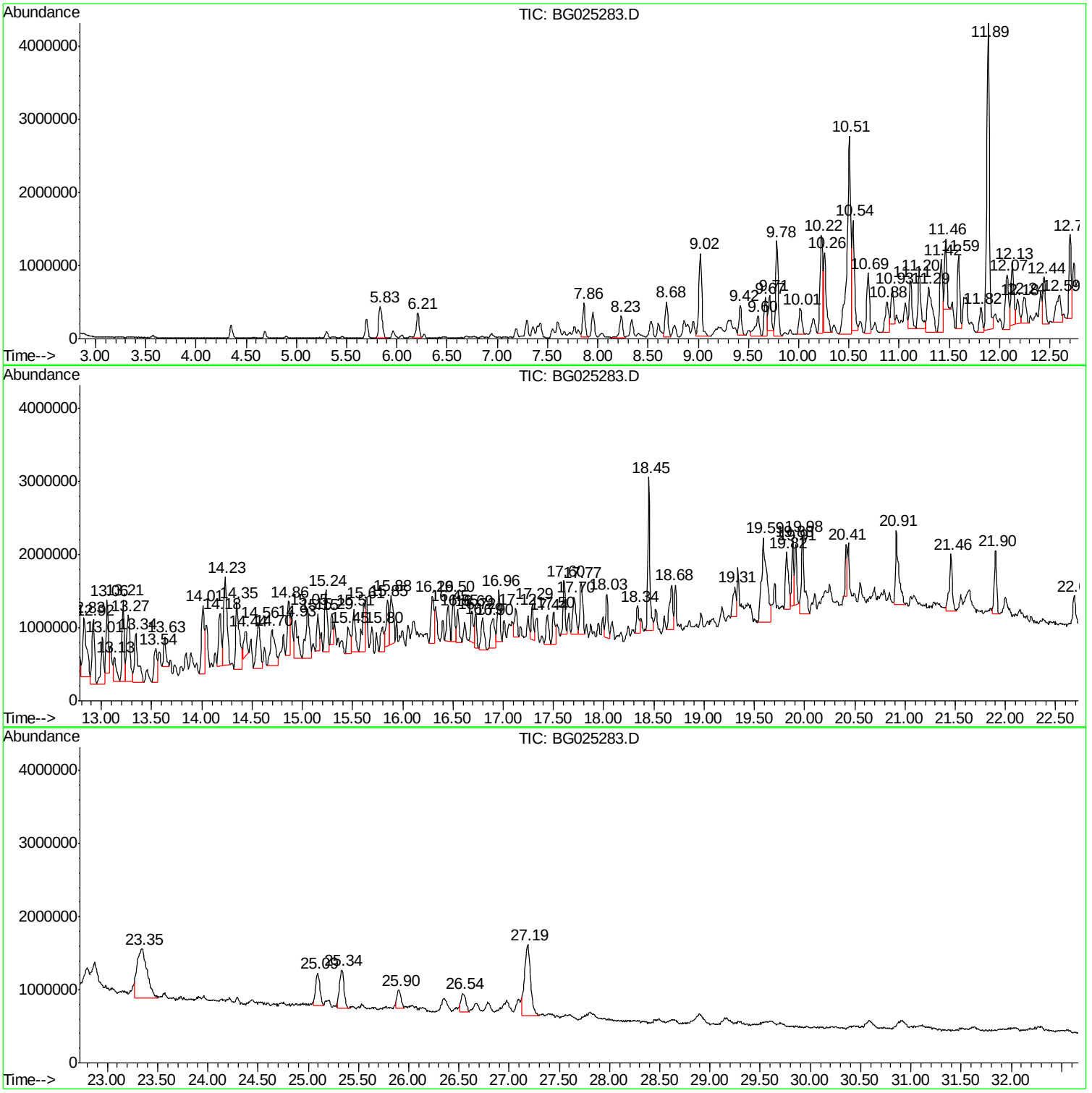
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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\BG121716\
Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

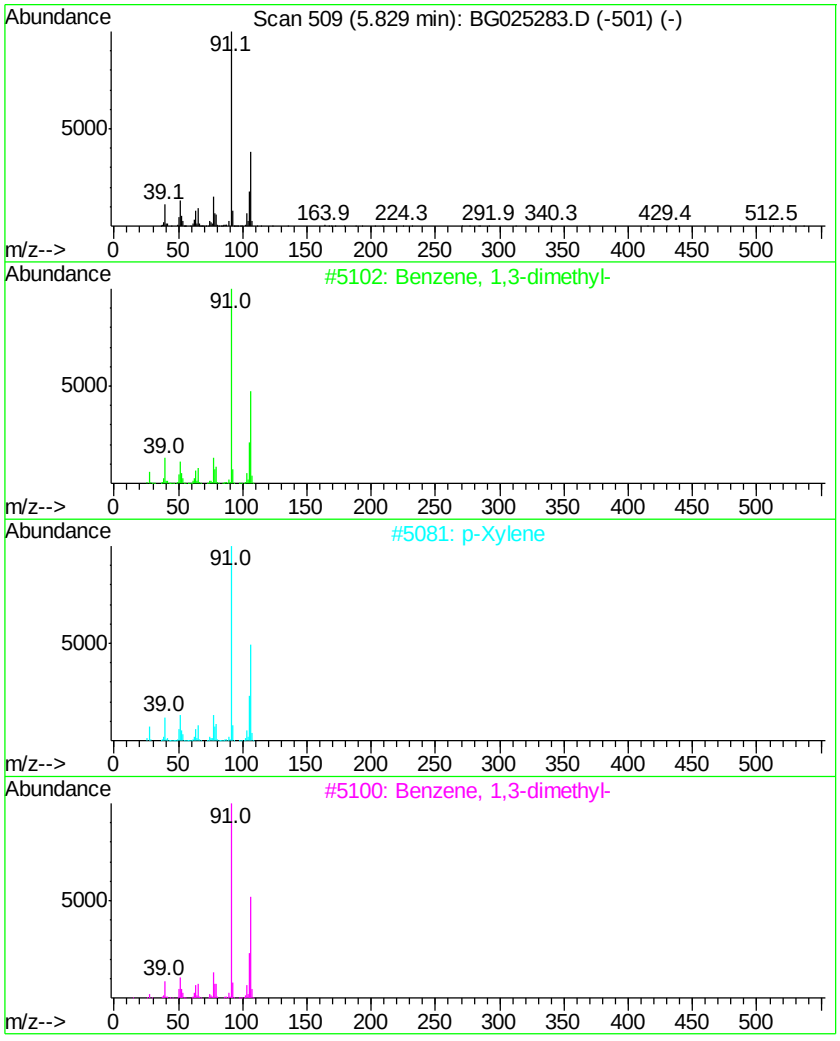
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

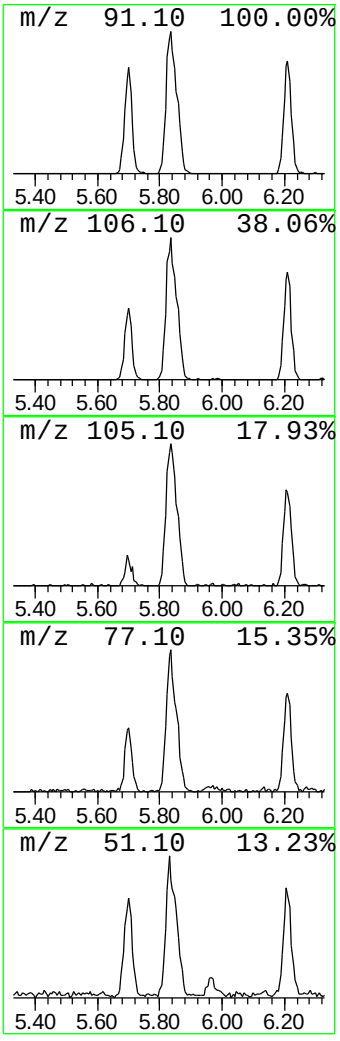
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	32.52 ng/ul	1064410	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	97
2	p-Xylene	106	C8H10	000106-42-3	95
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	o-Xylene	106	C8H10	000095-47-6	94
5	p-Xylene	106	C8H10	000106-42-3	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

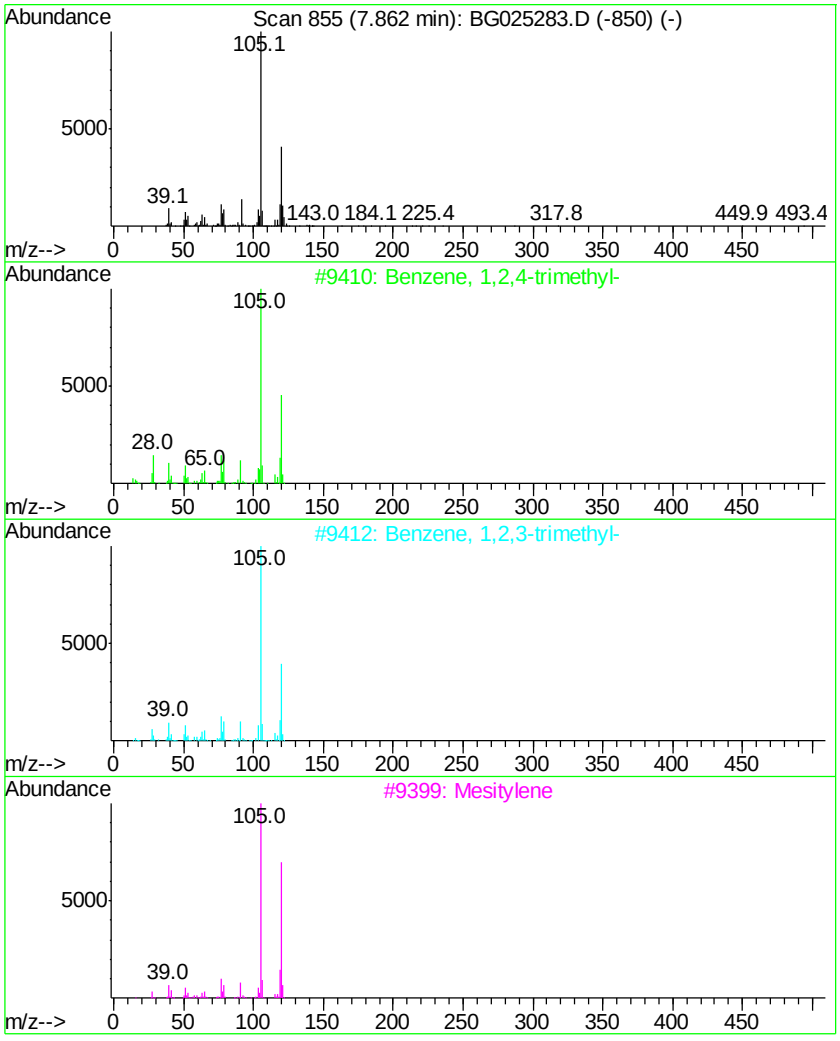
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

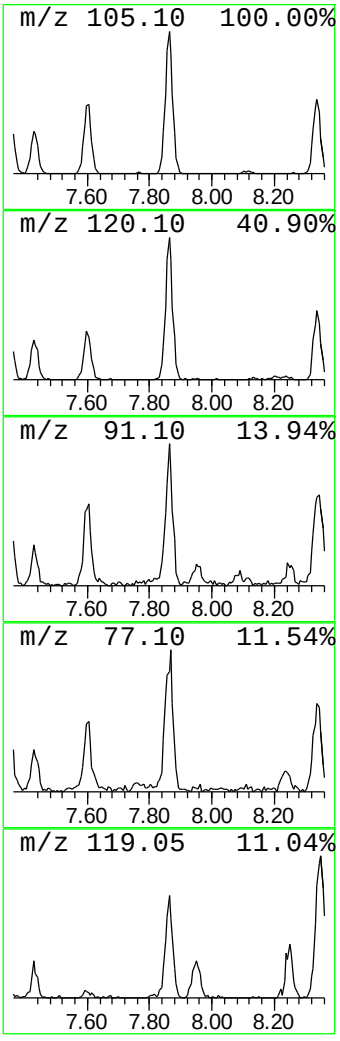
****

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	24.68 ng/ul	807760	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

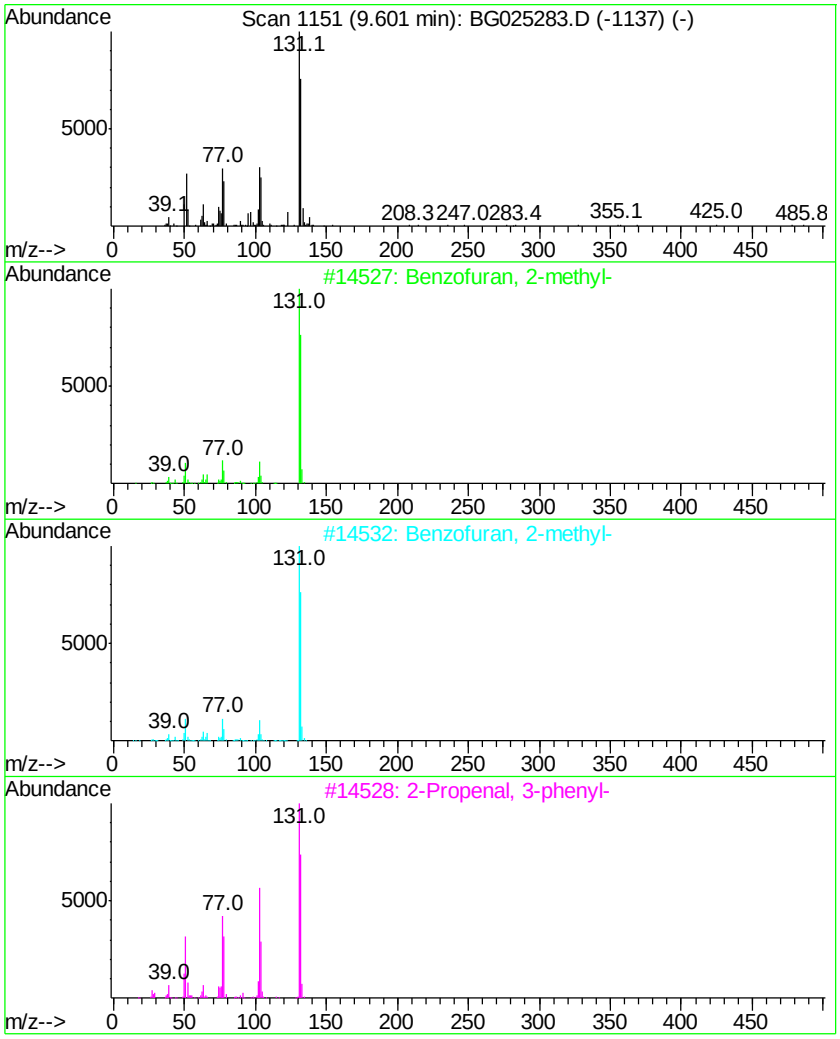
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

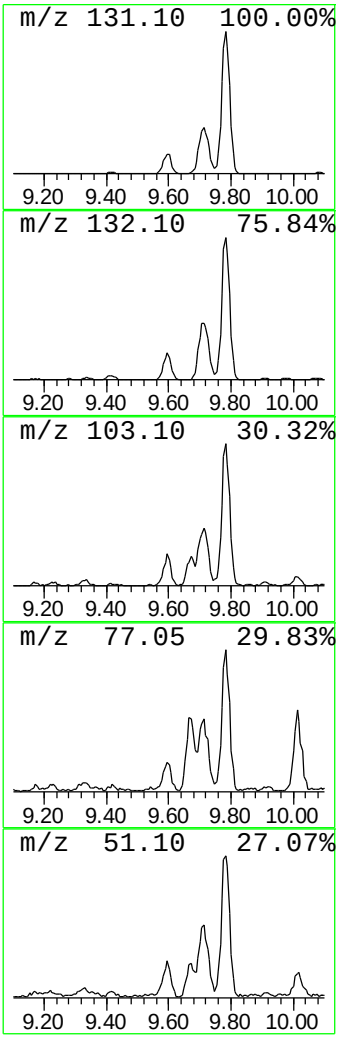
****

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	24.09 ng/ul	788483	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

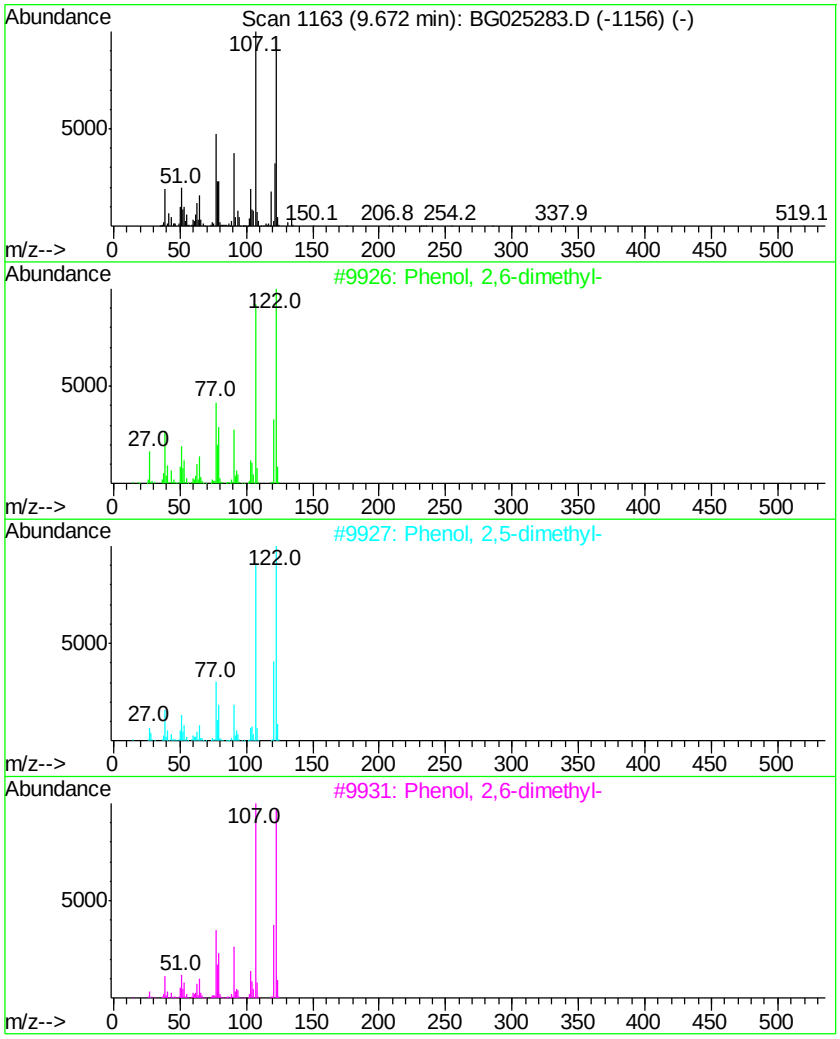
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

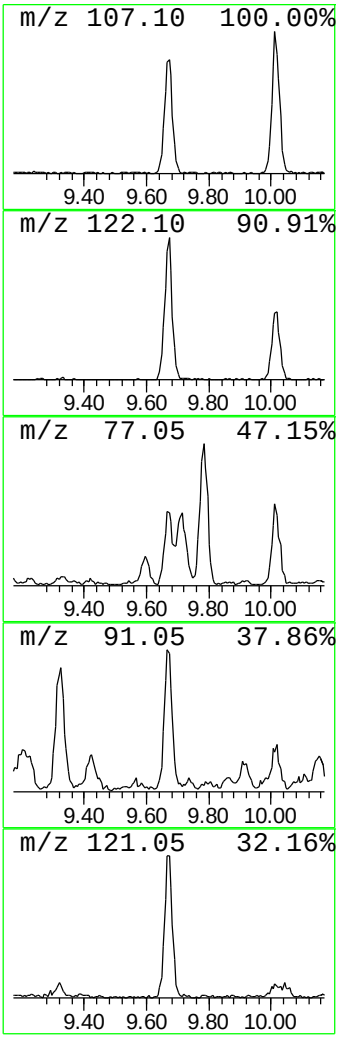
****

Peak Number 5 Phenol, 2,6-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	16.10 ng/ul	985535	Naphthalene-d8	11.06

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	87
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	87
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	83
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

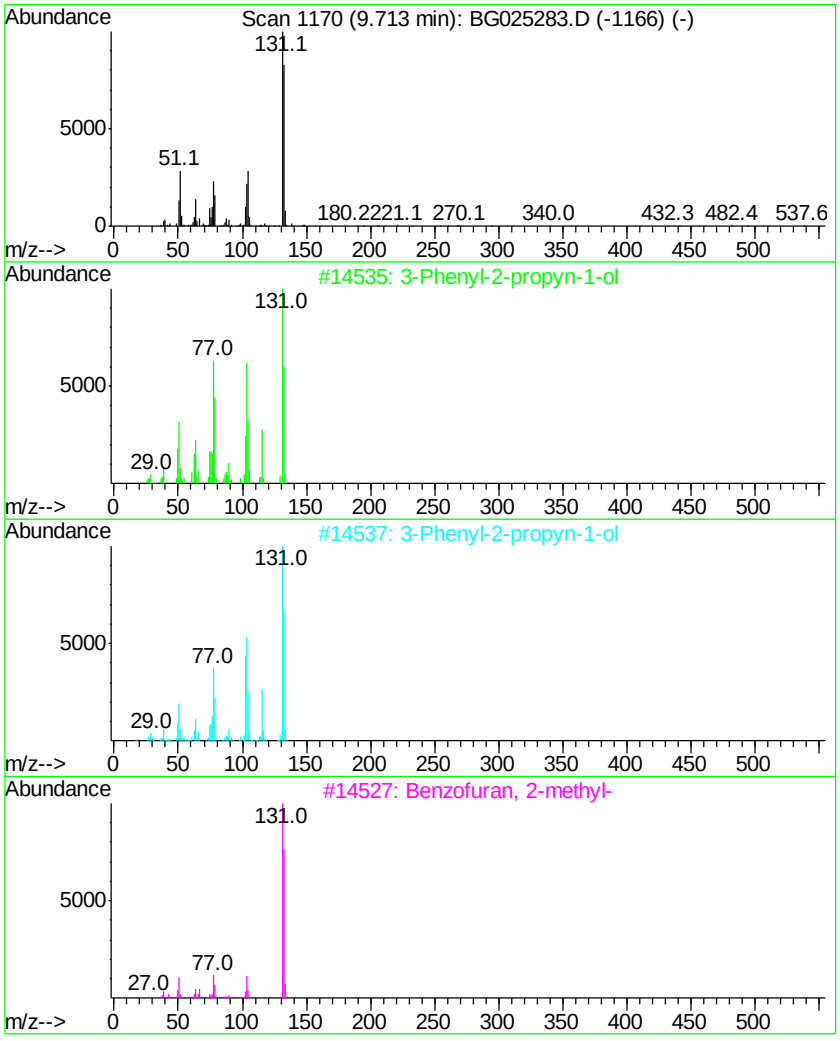
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

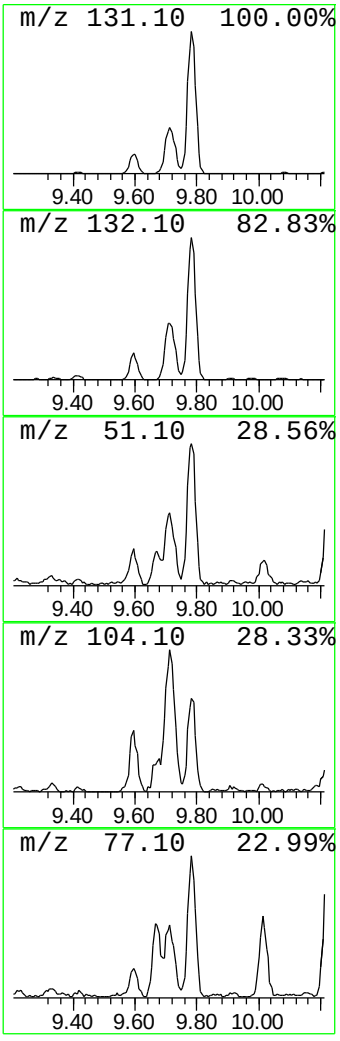
****

Peak Number 6 3-Phenyl-2-propyn-1-ol Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	15.46 ng/ul	946126	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

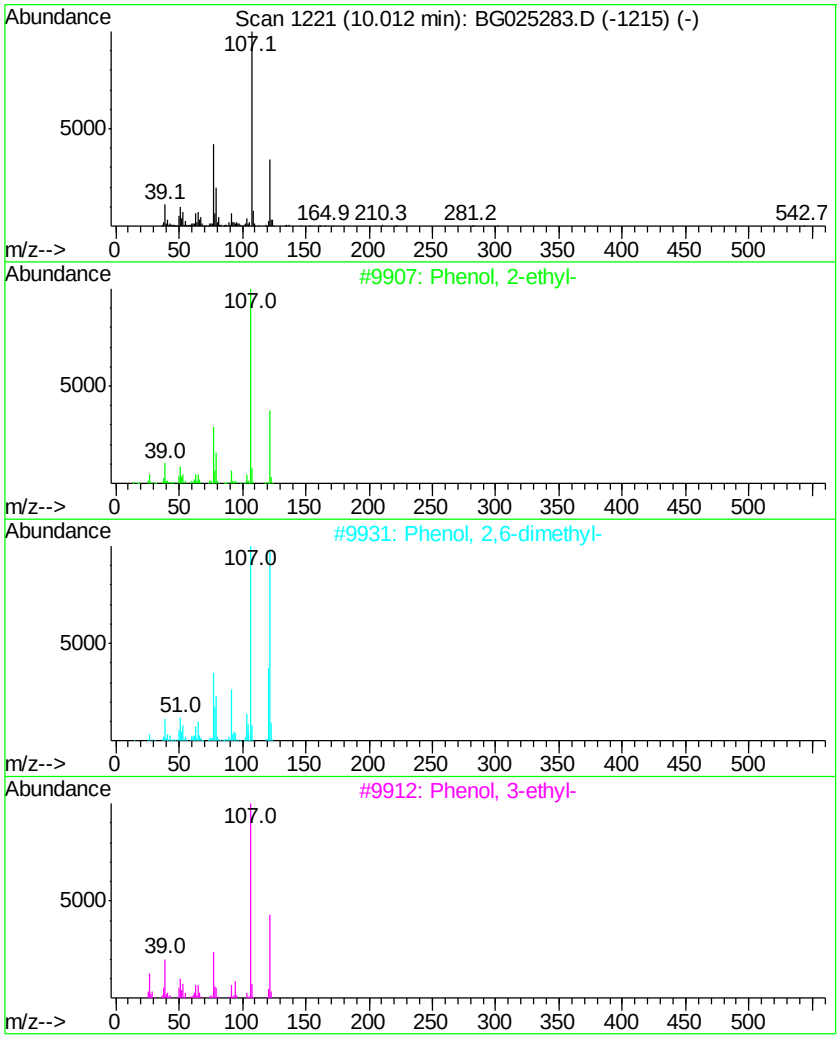
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

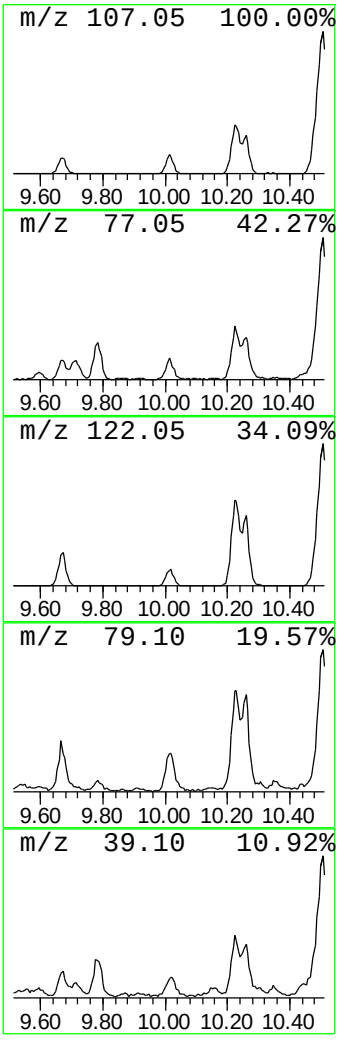
****

Peak Number 8 Phenol, 2-ethyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	11.73 ng/ul	717788	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	93
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	78
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	68
4	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	64
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	62





Library Search Compound Report

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Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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Quant Title : SVOA CALIBRATION

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

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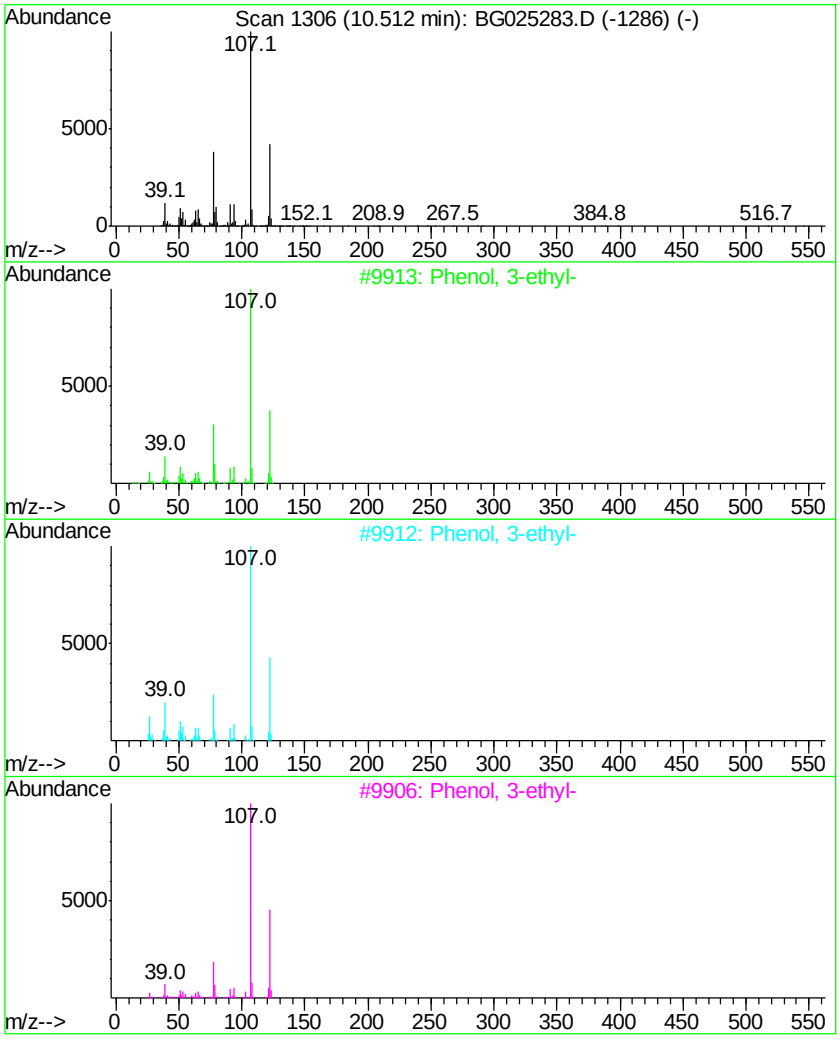
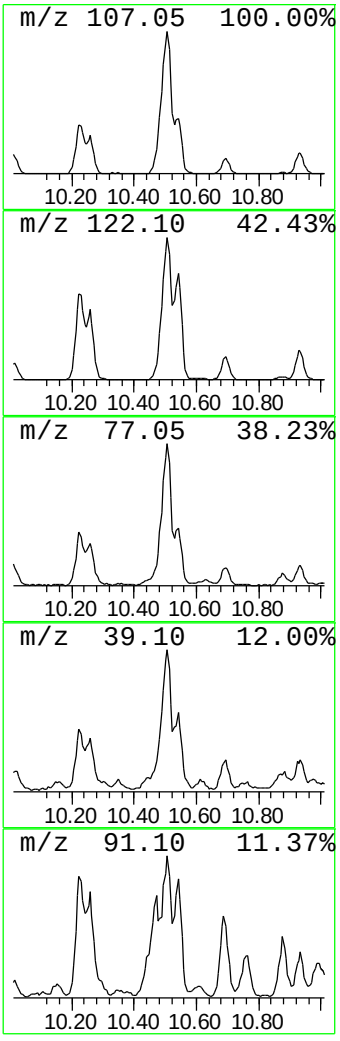
Peak Number 9 Phenol, 3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	120.10 ng/ul	7350630	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	95
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	93
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	86
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	83





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Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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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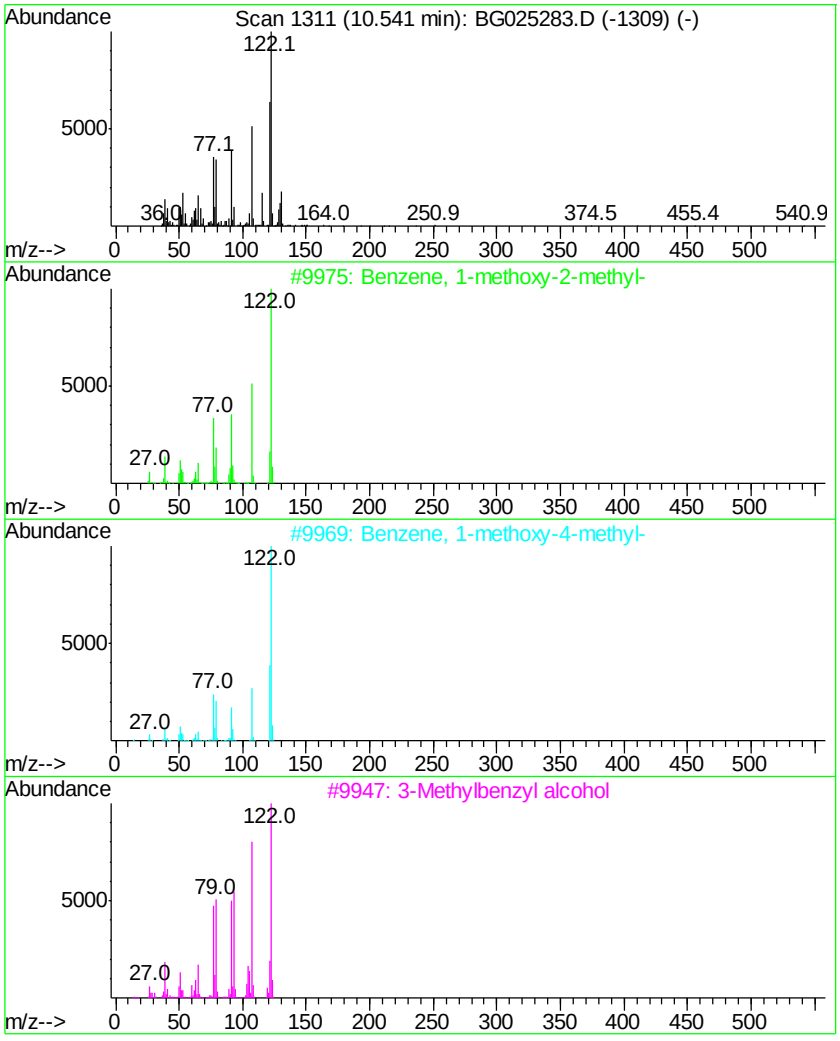
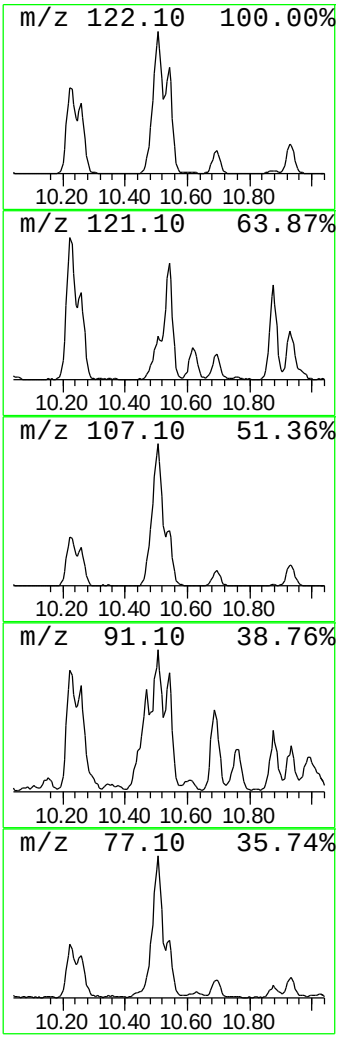
Peak Number 10 Benzene, 1-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	37.35 ng/ul	2286290	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	81
2	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	81
3	3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	72
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	72
5	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	64





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Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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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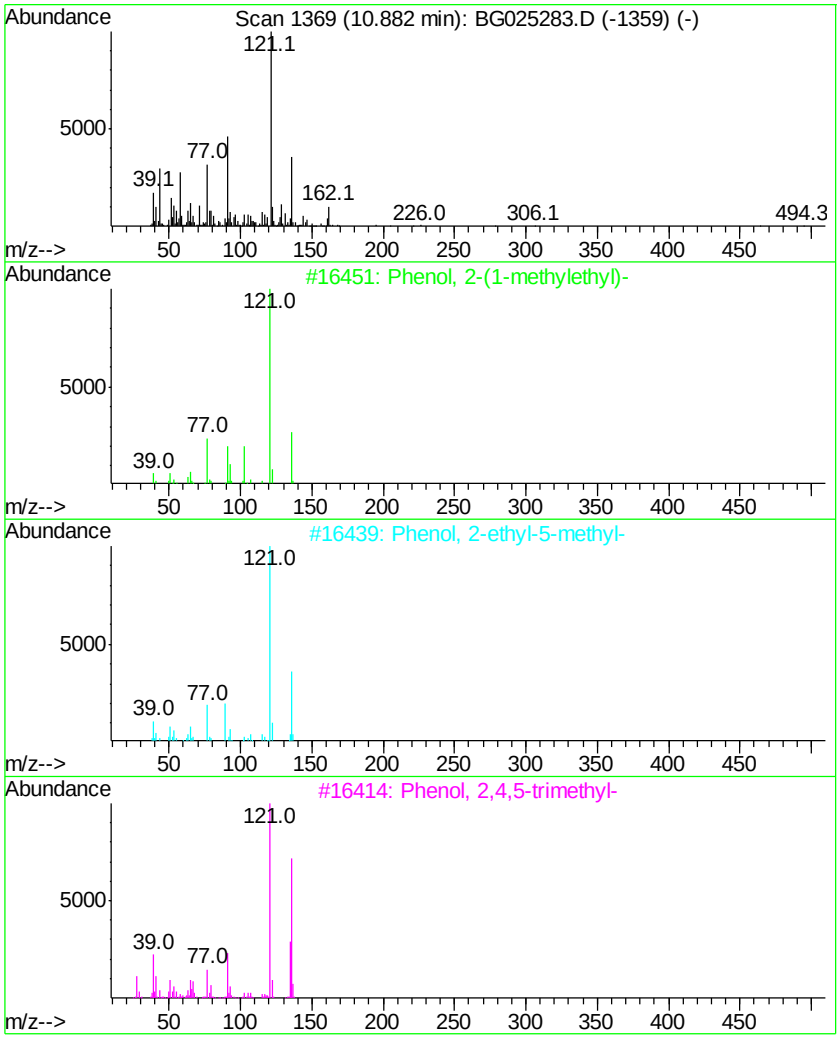
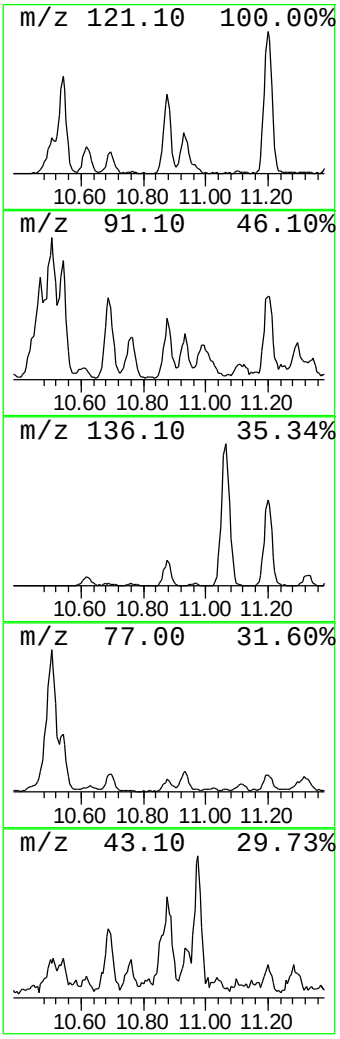
Peak Number 11 Phenol, 2-(1-methylethyl)- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	16.92 ng/ul	1035750	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	70
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	70
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	68
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	64
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	64





Library Search Compound Report

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Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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Quant Title : SVOA CALIBRATION

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

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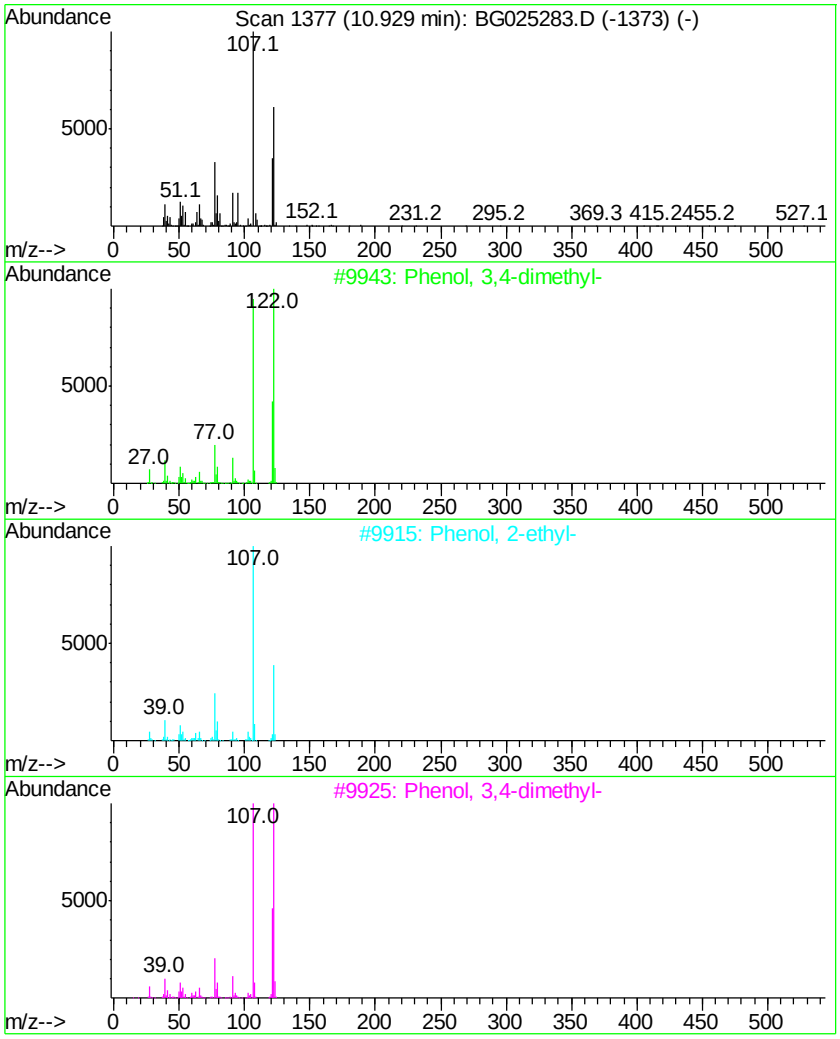
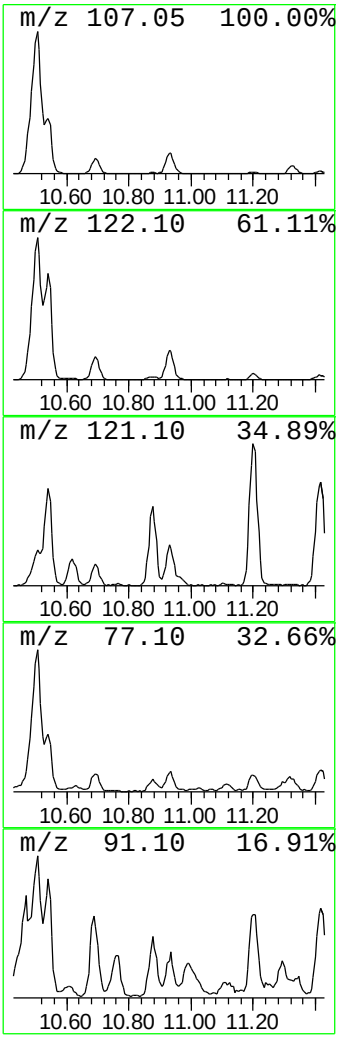
Peak Number 12 Phenol, 3,4-dimethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	13.50 ng/ul	826218	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	90
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	83
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	81
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	76
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	74





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Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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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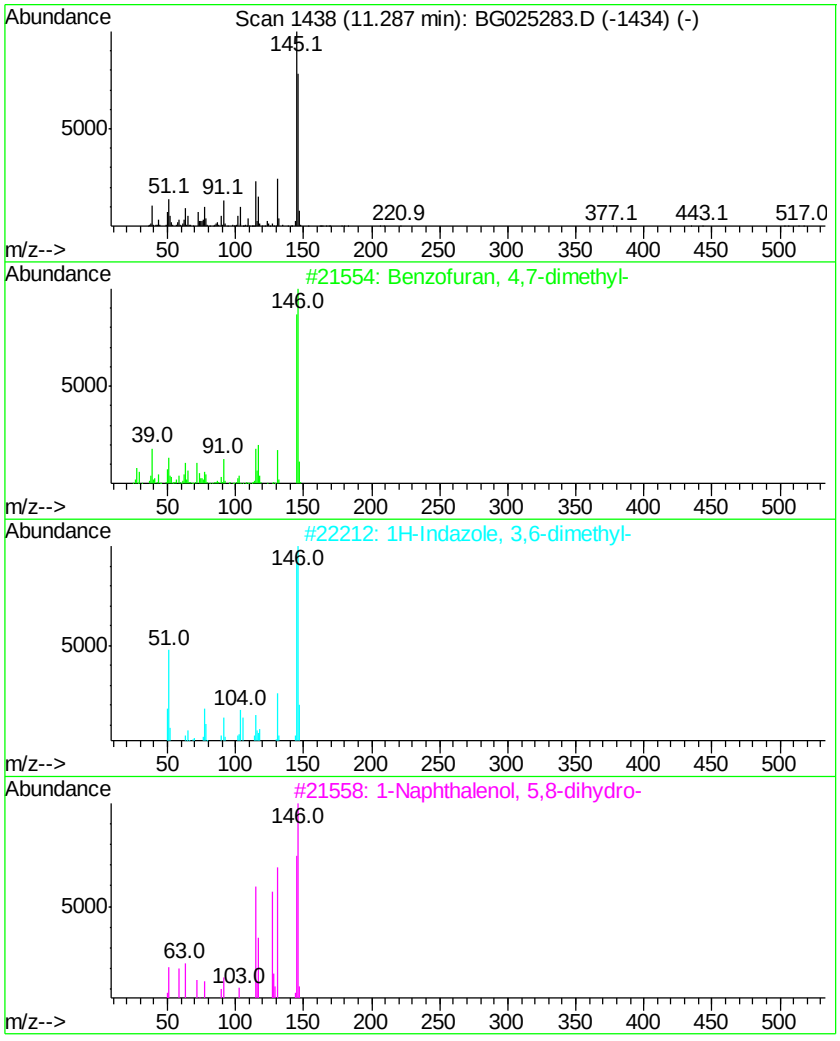
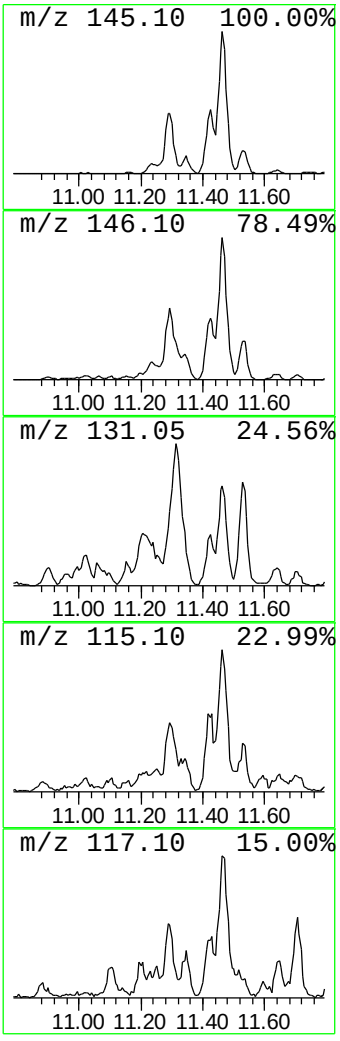
Peak Number 13 Benzofuran, 4,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	34.19 ng/ul	2092430	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	72
2	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	72
3	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	53
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	50





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Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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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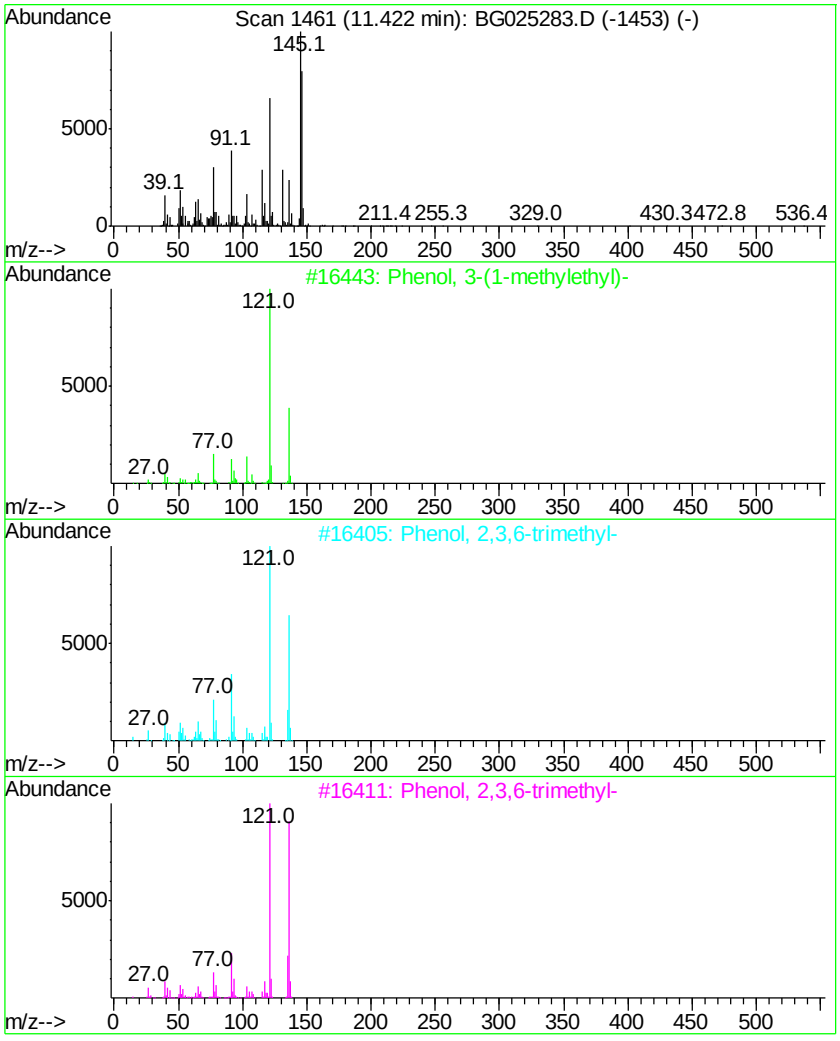
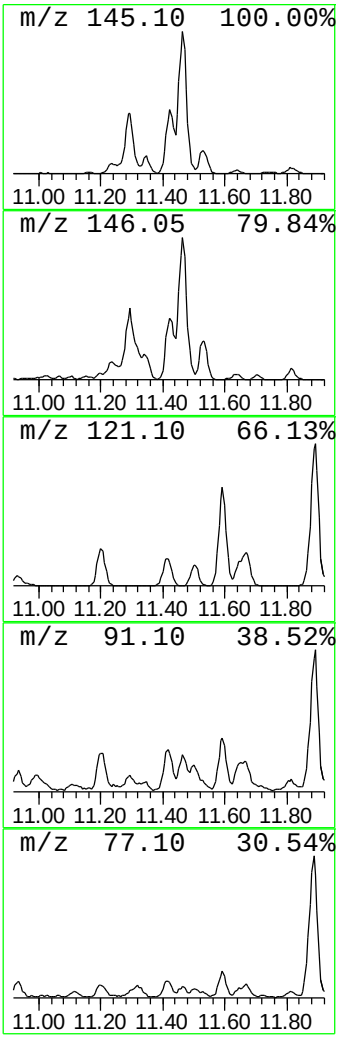
Peak Number 14 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	32.47 ng/ul	1987240	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	46
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	42
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	42
4	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	42
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	41





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Instrument : BNA_G
ClientSampleId : DA8W4

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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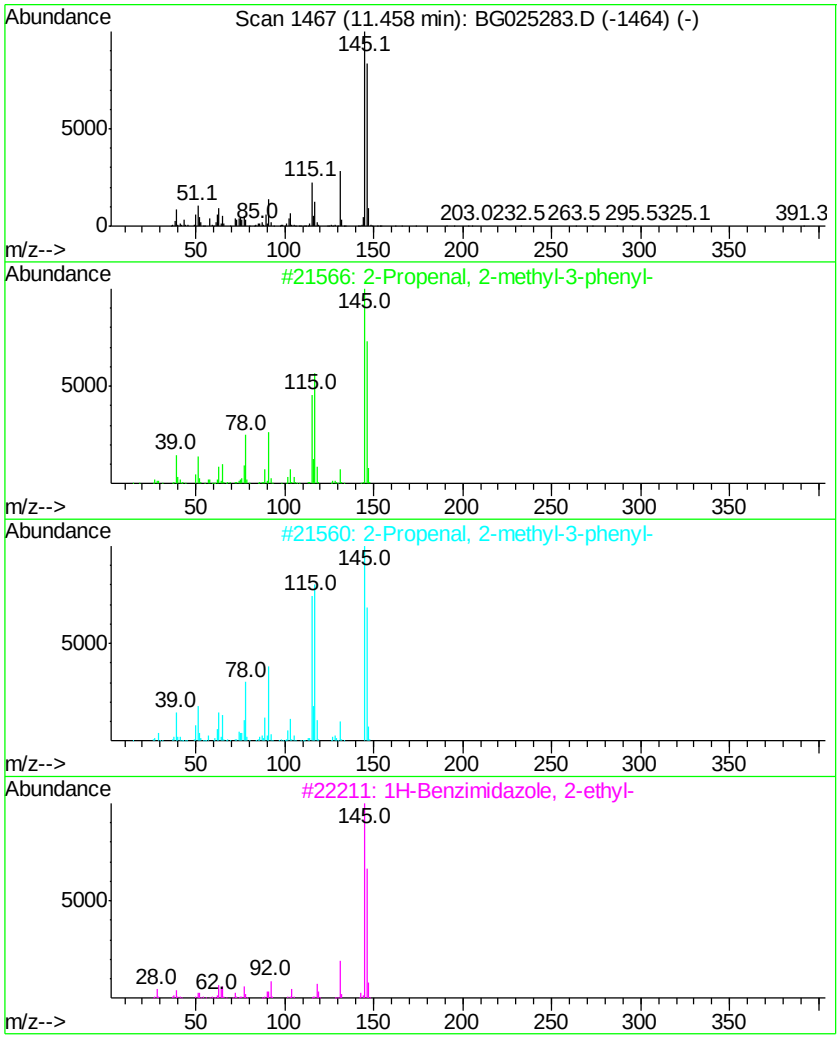
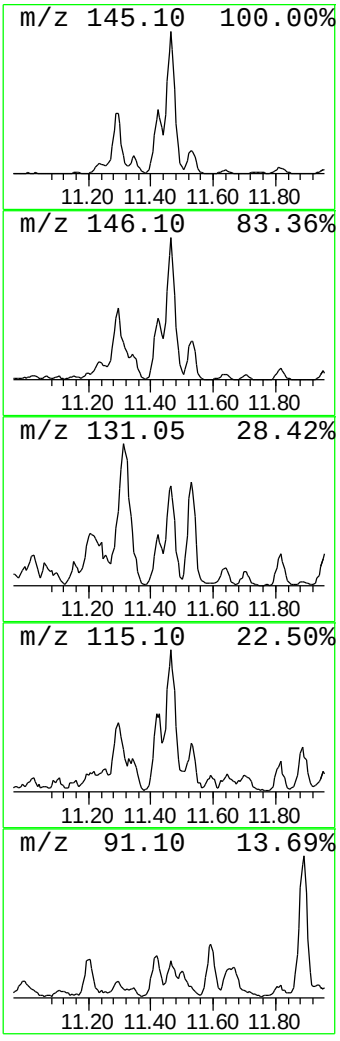
Peak Number 15 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	23.49 ng/ul	1437810	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	72
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	72
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
5	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	50





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Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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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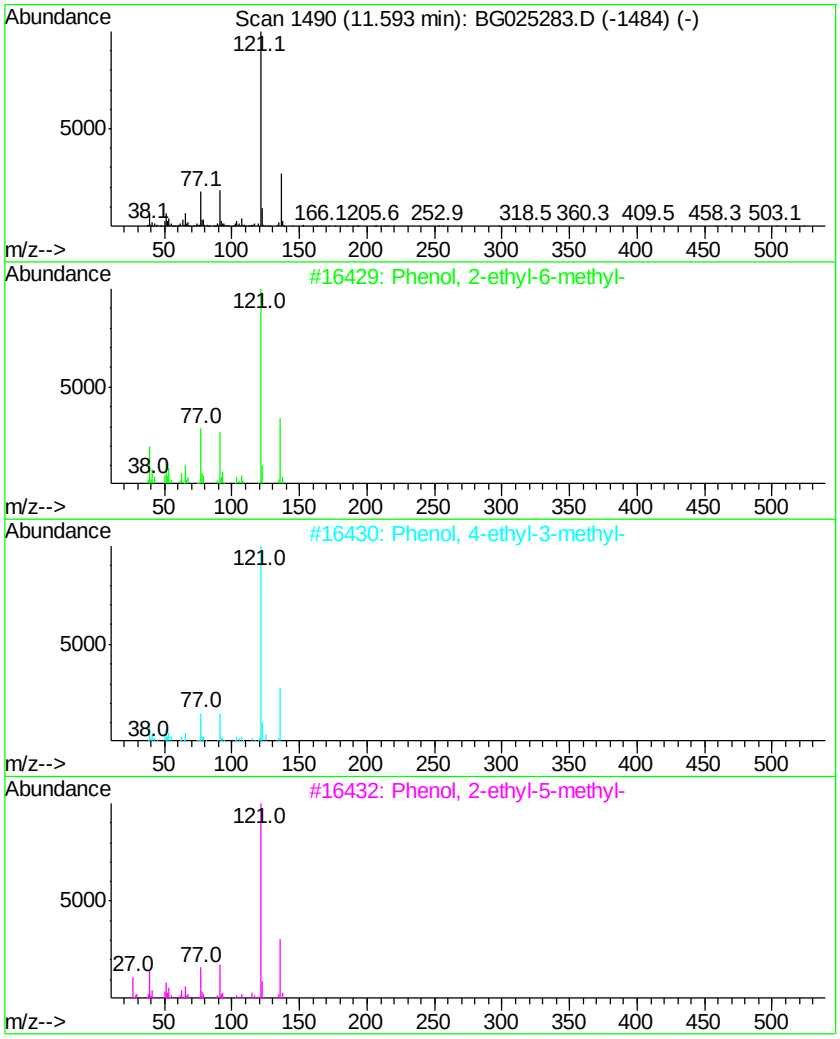
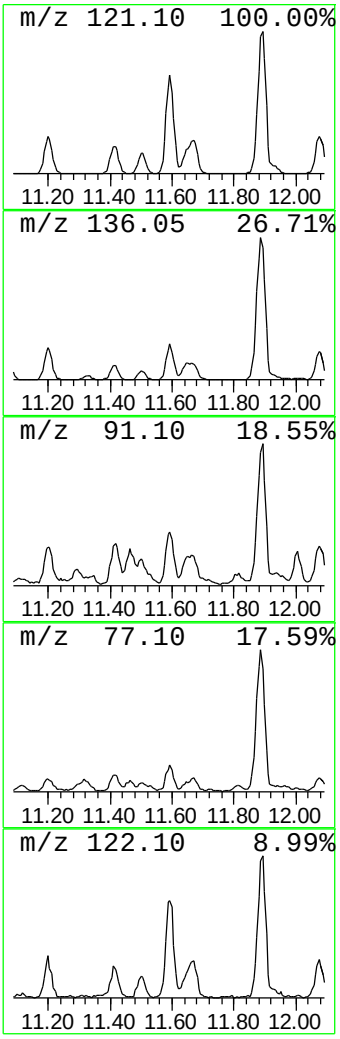
Peak Number 16 Phenol, 2-ethyl-6-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	26.91 ng/ul	1647050	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
4	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	90
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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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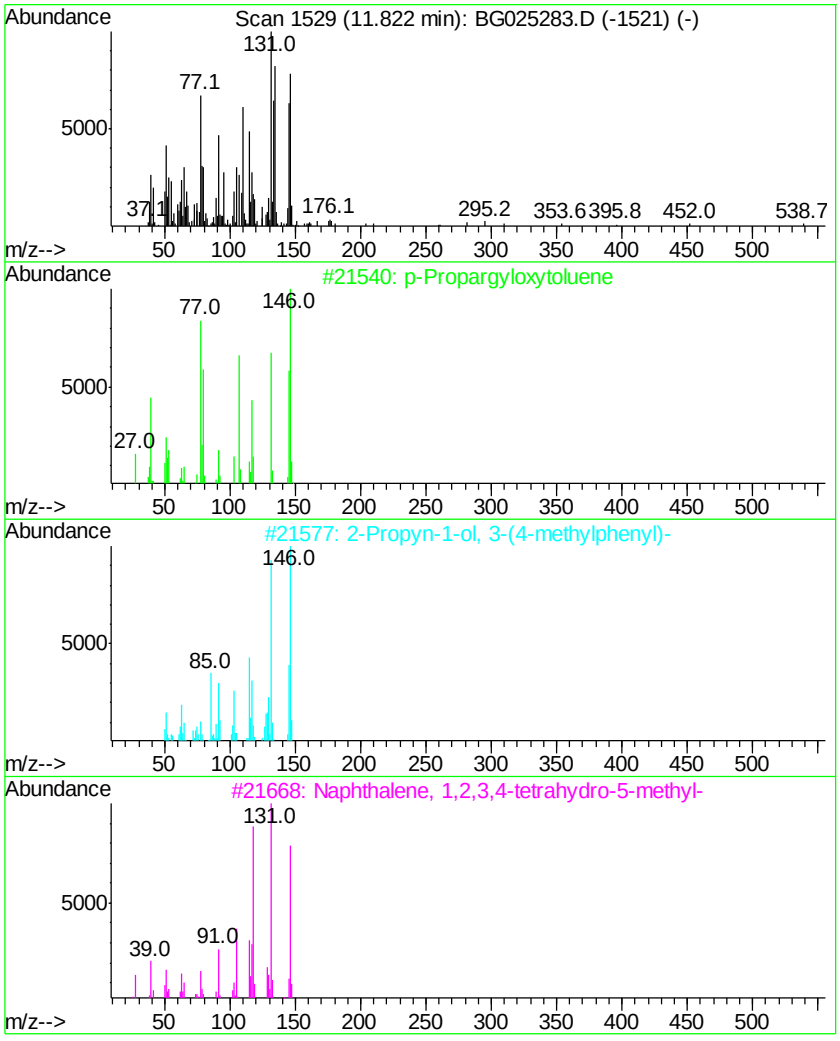
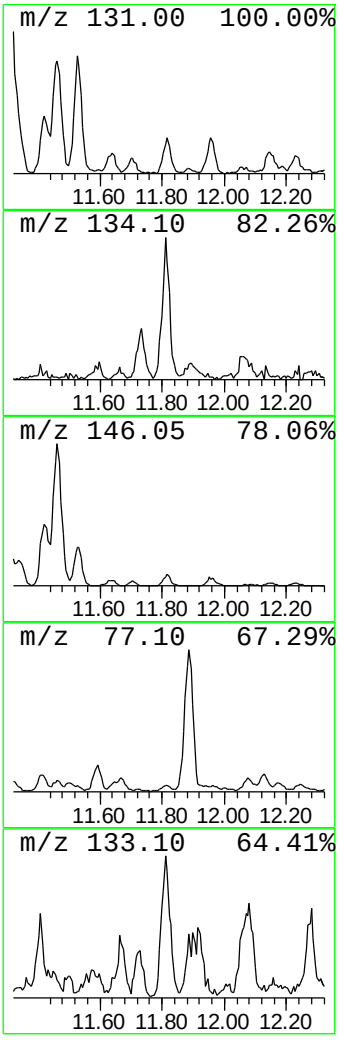
Peak Number 17 p-Propargyloxytoluene Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	10.95 ng/ul	670191	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Propargyloxytoluene	146	C10H10O	005651-90-1	51
2	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	45
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	38
4	Benzaldehyde, 2-ethyl-	134	C9H10O	022927-13-5	38
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	38





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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

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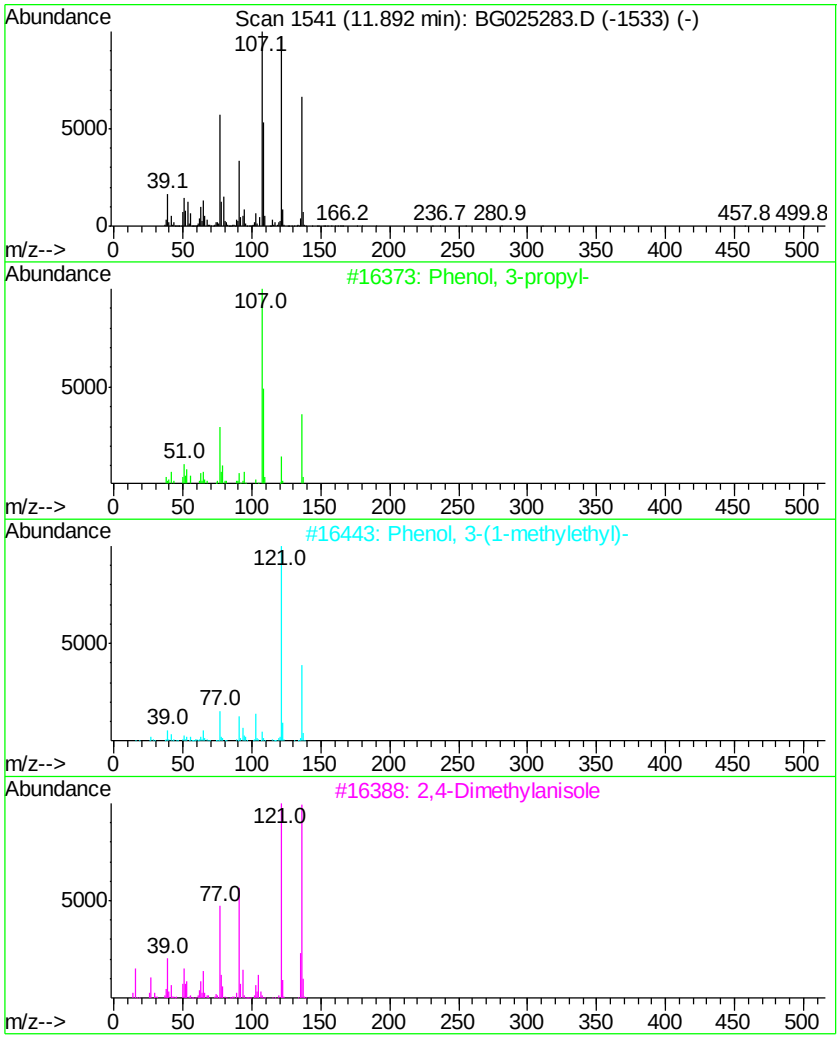
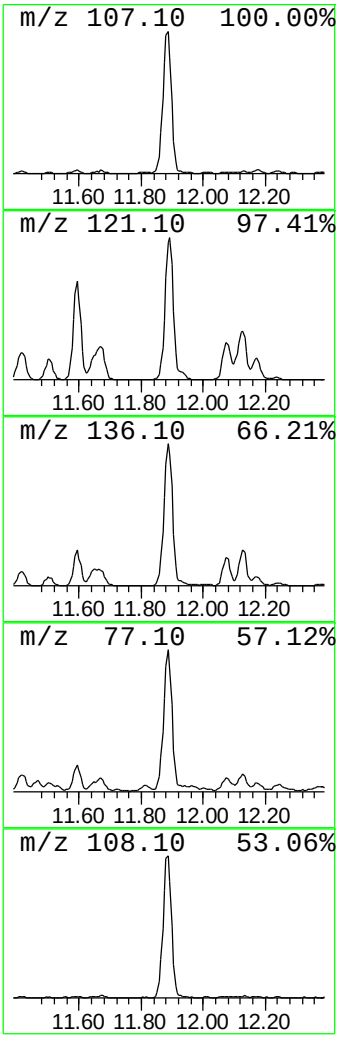
Peak Number 18 Phenol, 3-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	129.73 ng/ul	7940080	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	76
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	49
3	2,4-Dimethylanisole	136	C9H12O	006738-23-4	49
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	49
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	49





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Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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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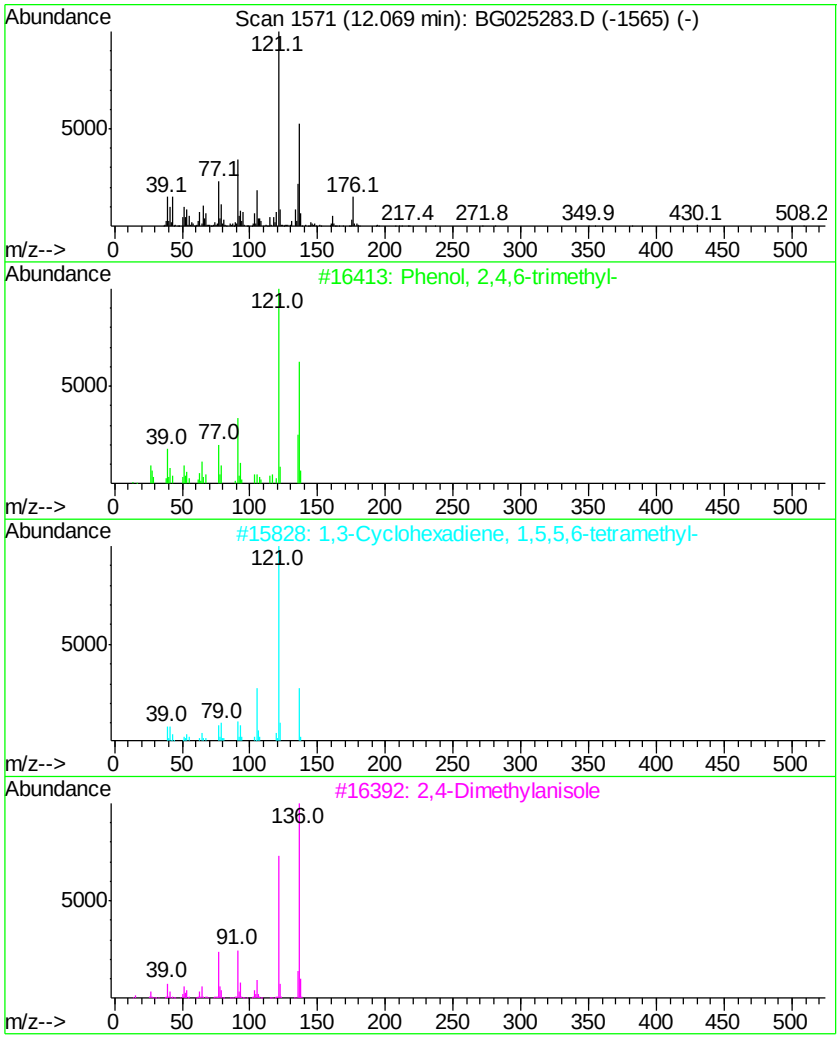
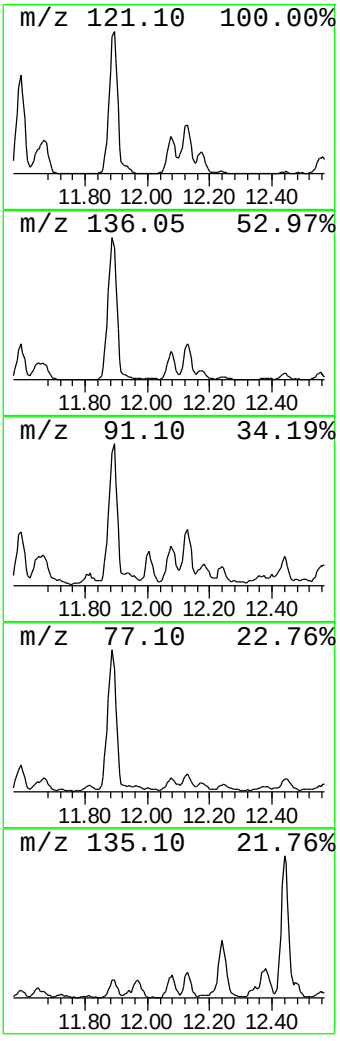
Peak Number 19 Phenol, 2,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	26.78 ng/ul	1639040	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
2	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	93
3	2,4-Dimethylanisole	136	C9H12O	006738-23-4	90
4	2,5-Dimethylanisole	136	C9H12O	001706-11-2	87
5	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	87





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Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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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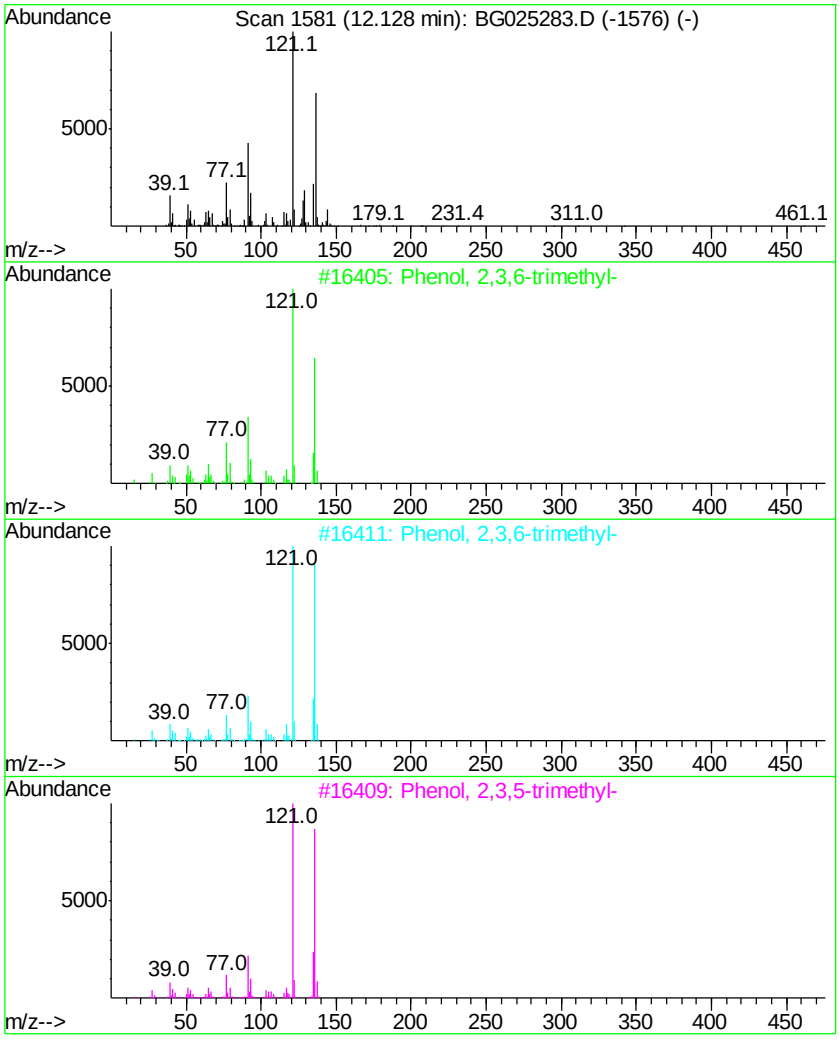
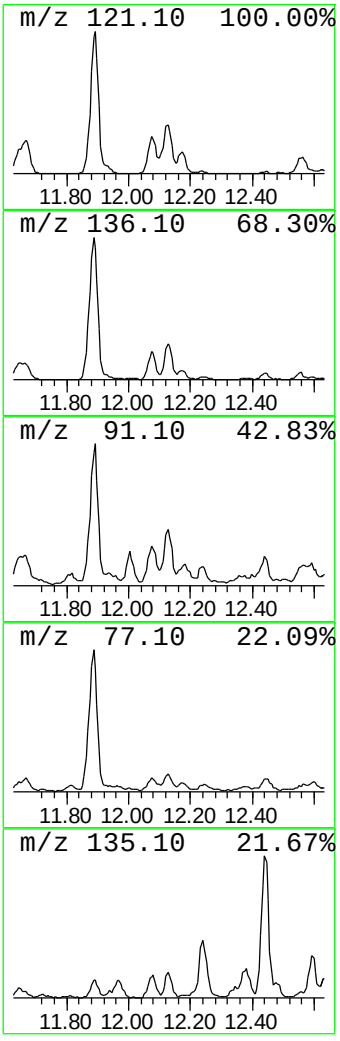
Peak Number 20 Phenol, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	27.54 ng/ul	1685760	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	93
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	90





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Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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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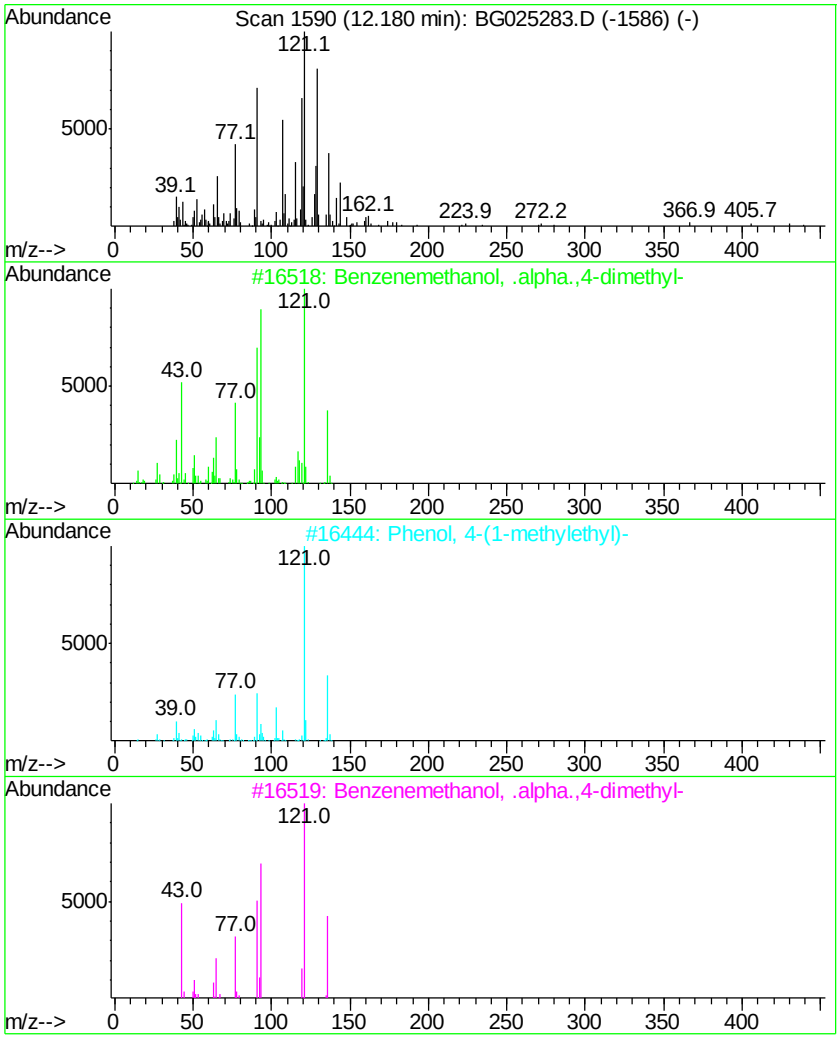
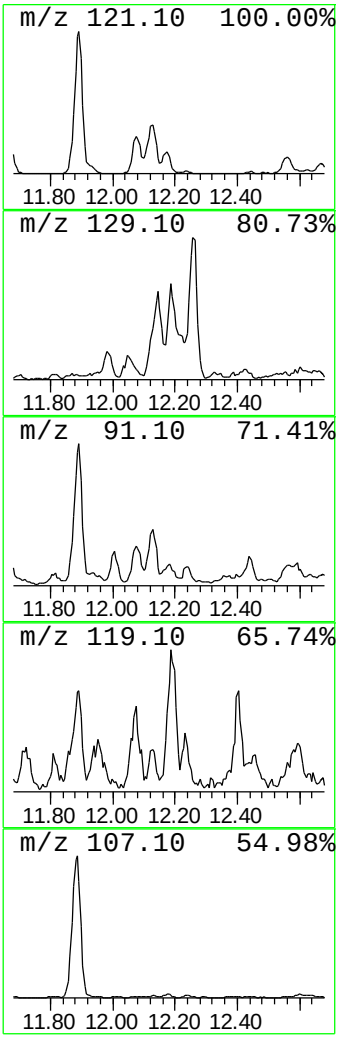
Peak Number 21 unknown-02 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	11.30 ng/ul	691847	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	30
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	27
3	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	22
4	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	14
5	2-Chloro-5-methylhexa-2,4-dienal	144	C7H9ClO	024765-60-4	14





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Misc :
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Instrument : BNA_G
ClientSampleId : DA8W4

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Quant Title : SVOA CALIBRATION

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

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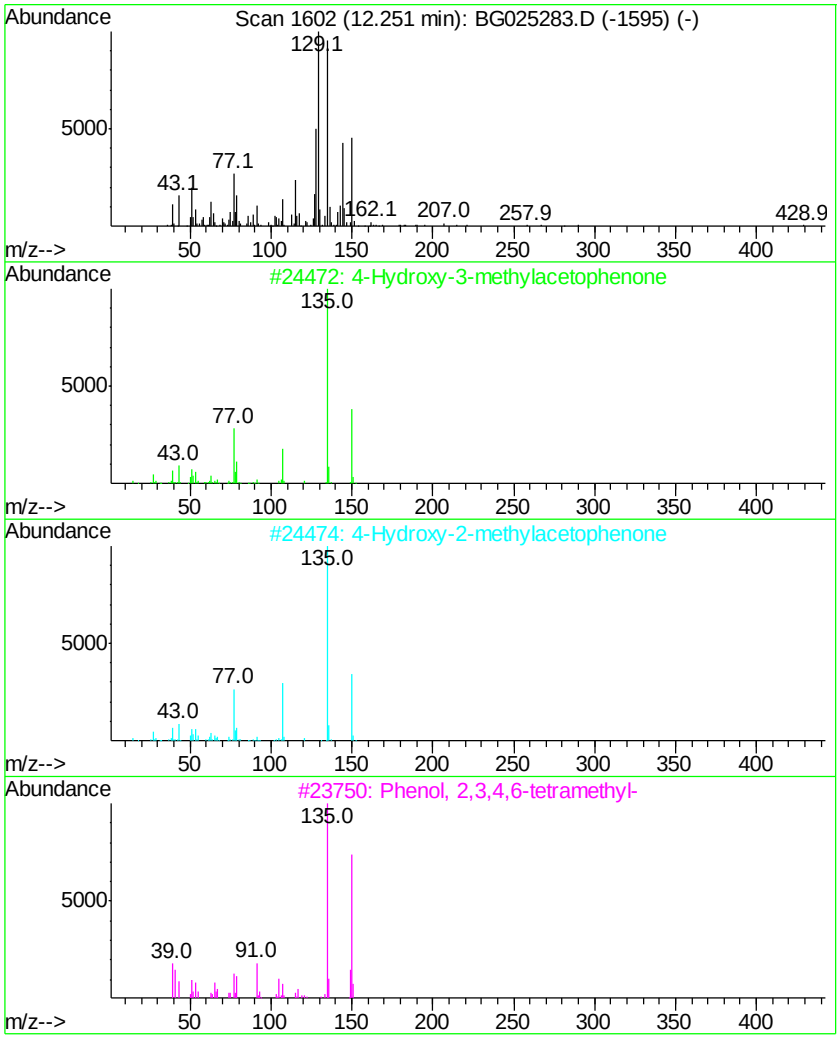
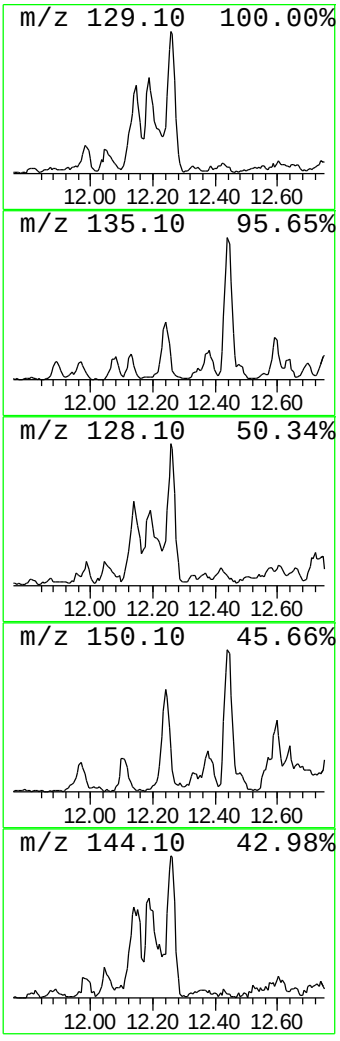
Peak Number 22 4-Hydroxy-3-methylacetophenone Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	14.64 ng/ul	895919	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	76
2	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	76
3	Phenol, 2,3,4,6-tetramethyl-	150	C10H14O	003238-38-8	68
4	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	68
5	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	68





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Instrument : BNA_G
ClientSampleId : DA8W4

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Quant Title : SVOA CALIBRATION

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

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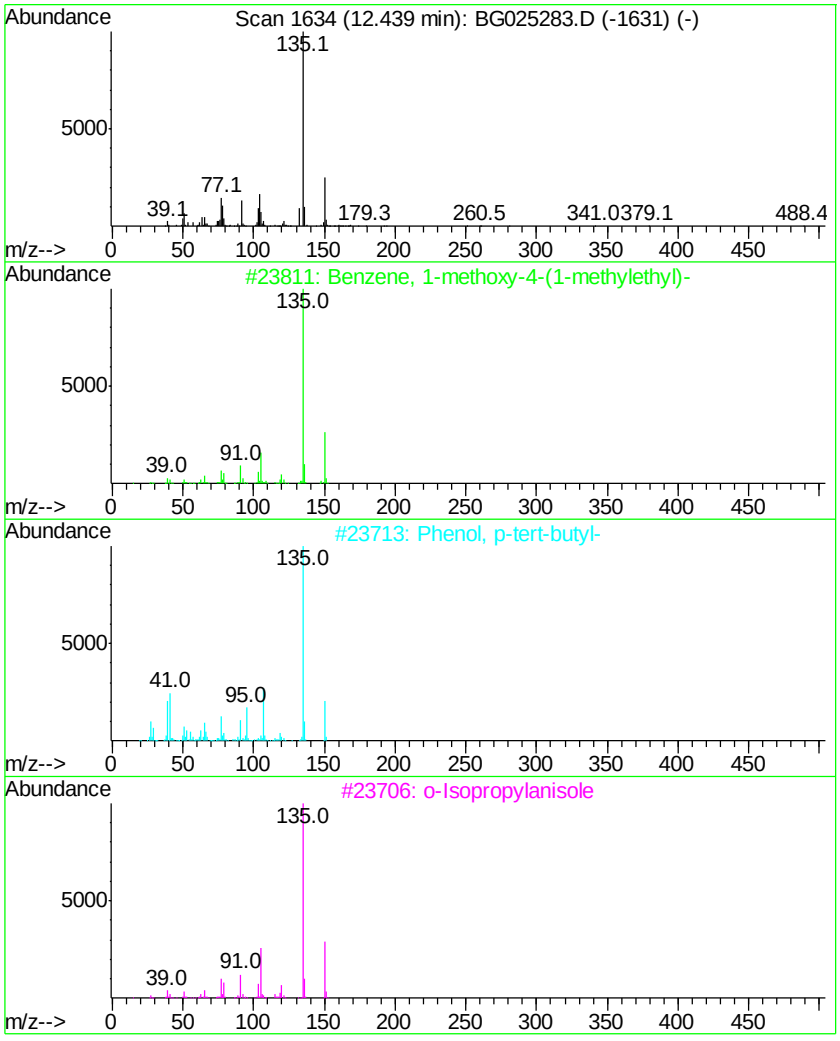
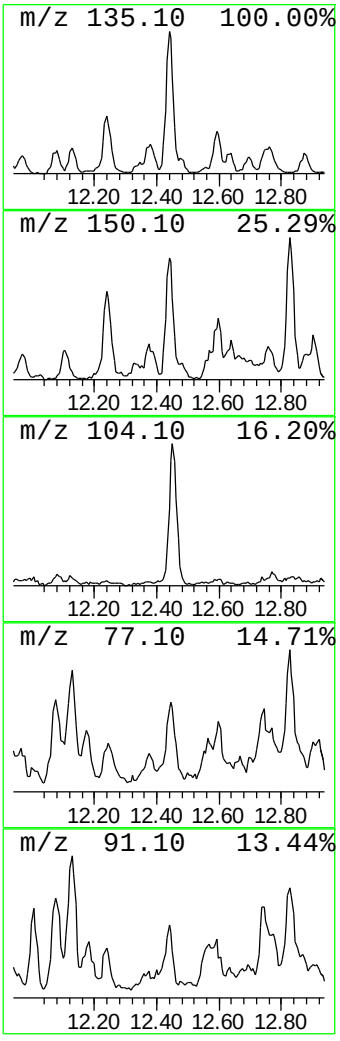
Peak Number 23 Benzene, 1-methoxy-4-(1-met... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	19.03 ng/ul	1164780	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	59
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
3	o-Isopropylanisole	150	C10H14O	002944-47-0	58
4	Benzaldehyde, O-methyloxime	135	C8H9NO	003376-32-7	58
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58





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Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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Quant Title : SVOA CALIBRATION

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

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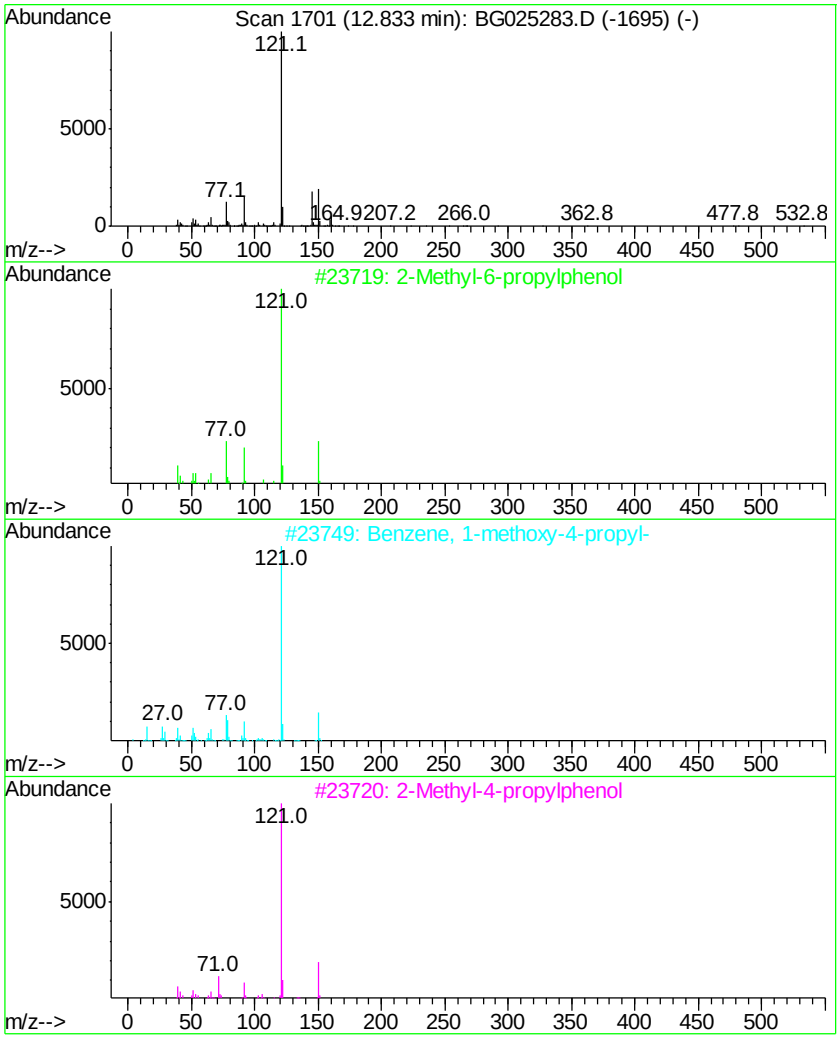
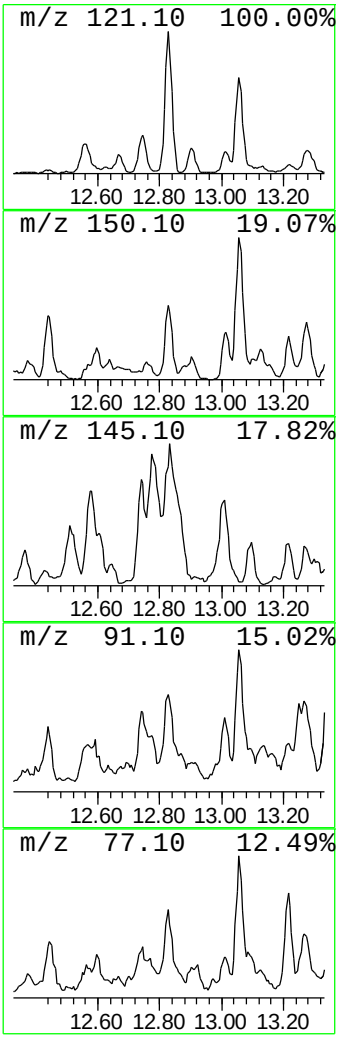
Peak Number 25 2-Methyl-6-propylphenol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	33.88 ng/ul	2073930	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-6-propylphenol	150	C10H14O	003520-52-3	81
2	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	80
3	2-Methyl-4-propylphenol	150	C10H14O	018441-56-0	74
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	72
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	72





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Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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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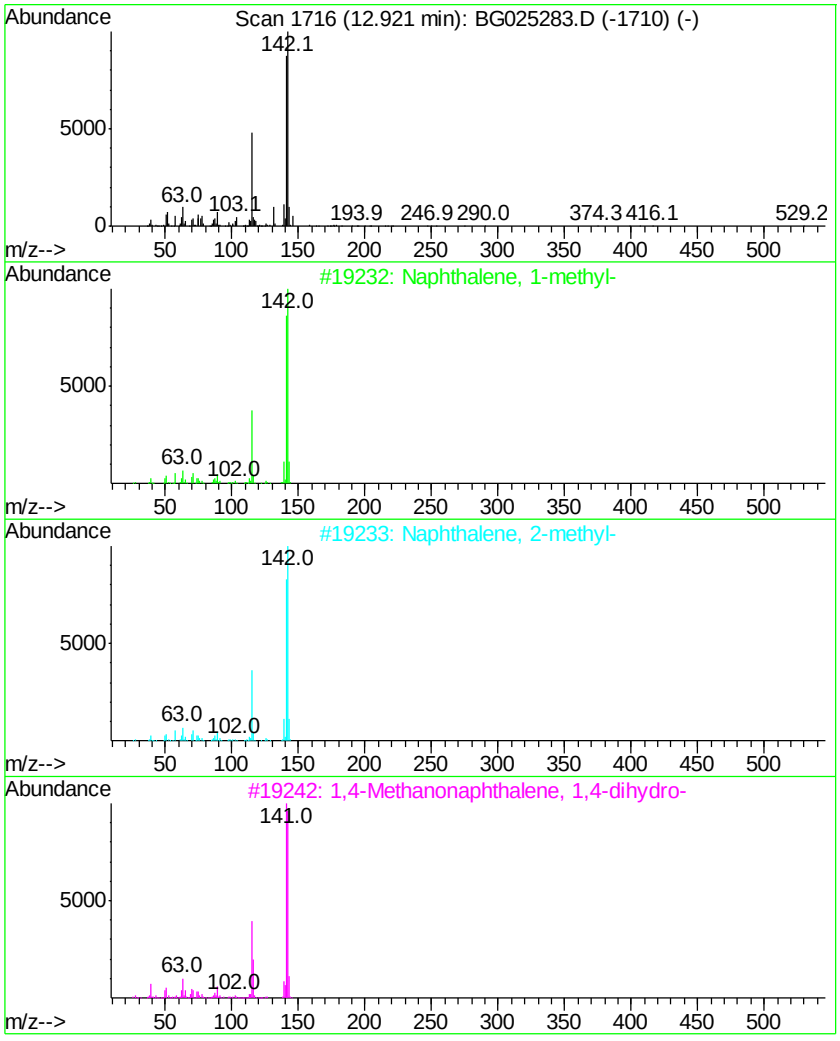
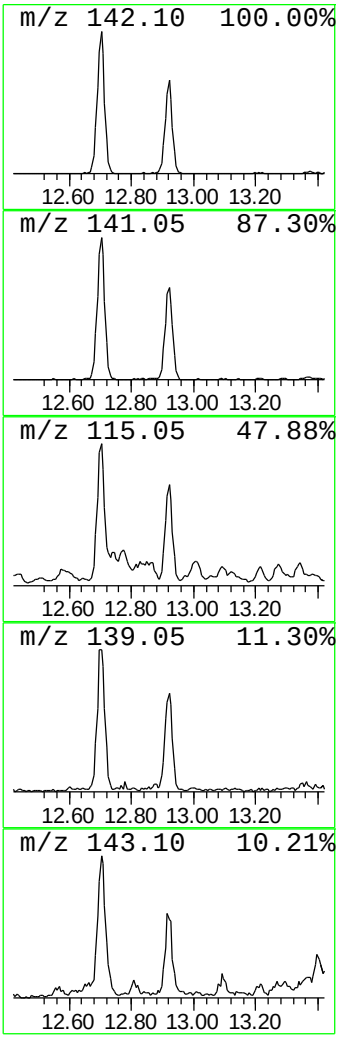
Peak Number 26 Naphthalene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	25.73 ng/ul	1575060	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90





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Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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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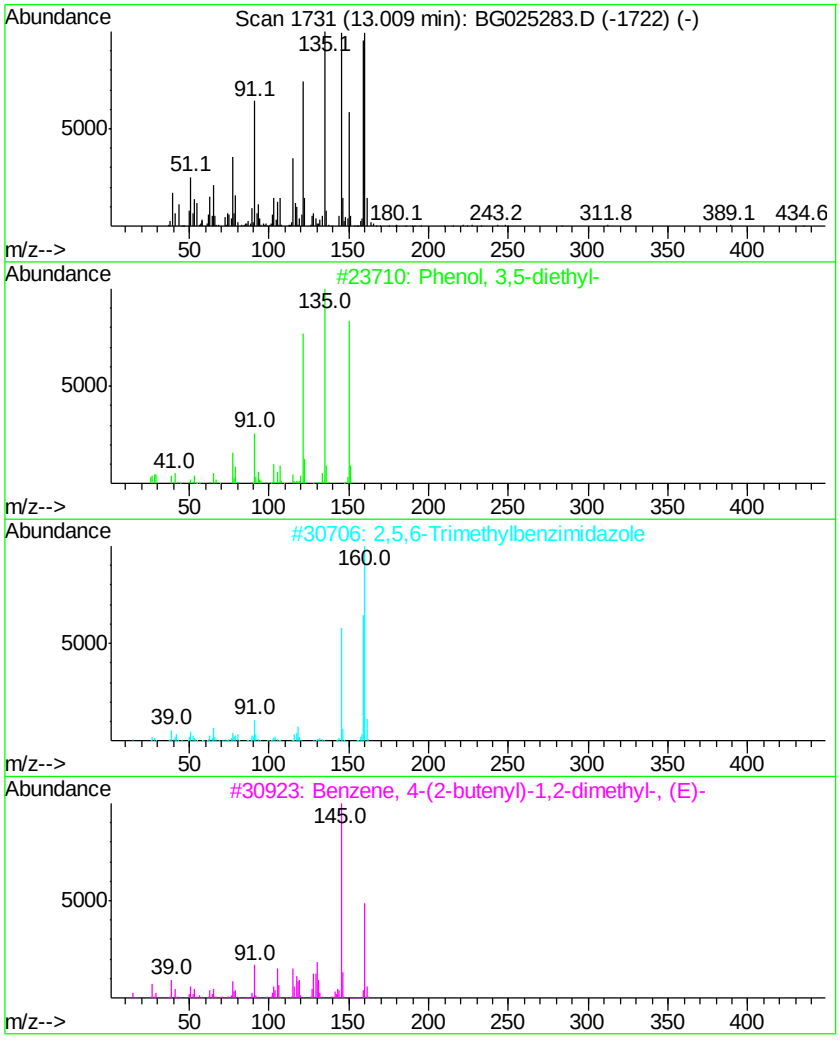
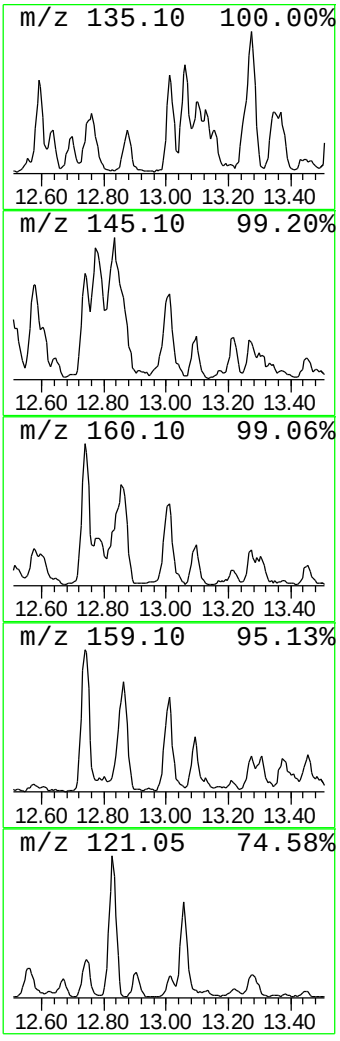
Peak Number 27 unknown-03 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	19.06 ng/ul	1218930	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-diethyl-	150	C10H14O	001197-34-8	49
2	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	46
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	38
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	38
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	30





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Sample : H6040-11
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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Quant Title : SVOA CALIBRATION

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

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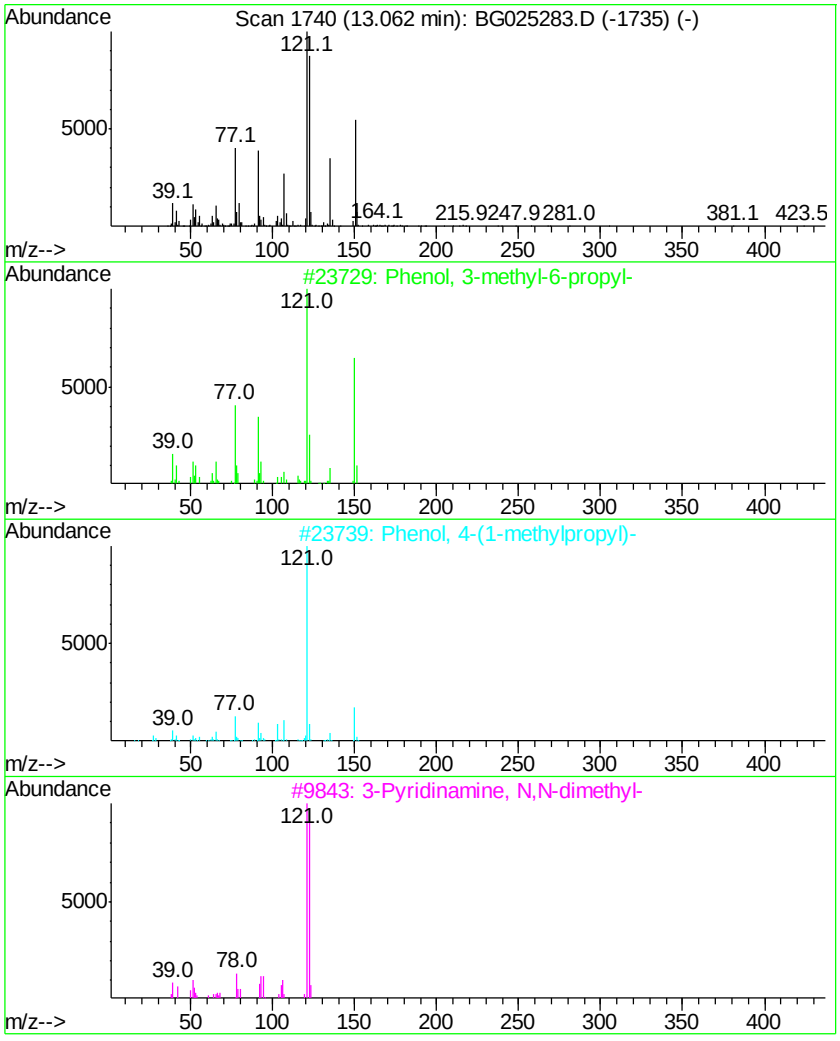
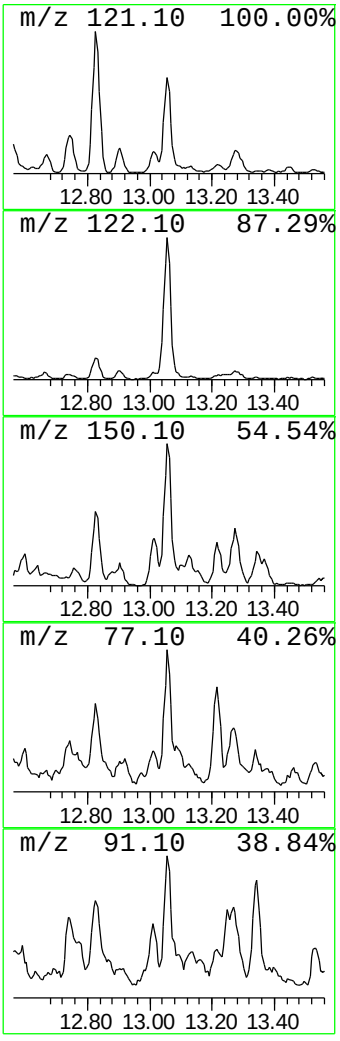
Peak Number 28 Phenol, 3-methyl-6-propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	23.70 ng/ul	1515860	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	52
2	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	47
3	3-Pyridinamine, N,N-dimethyl-	122	C7H10N2	018437-57-5	43
4	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	43
5	Hydrazine, 1-methyl-1-phenyl-	122	C7H10N2	000618-40-6	43





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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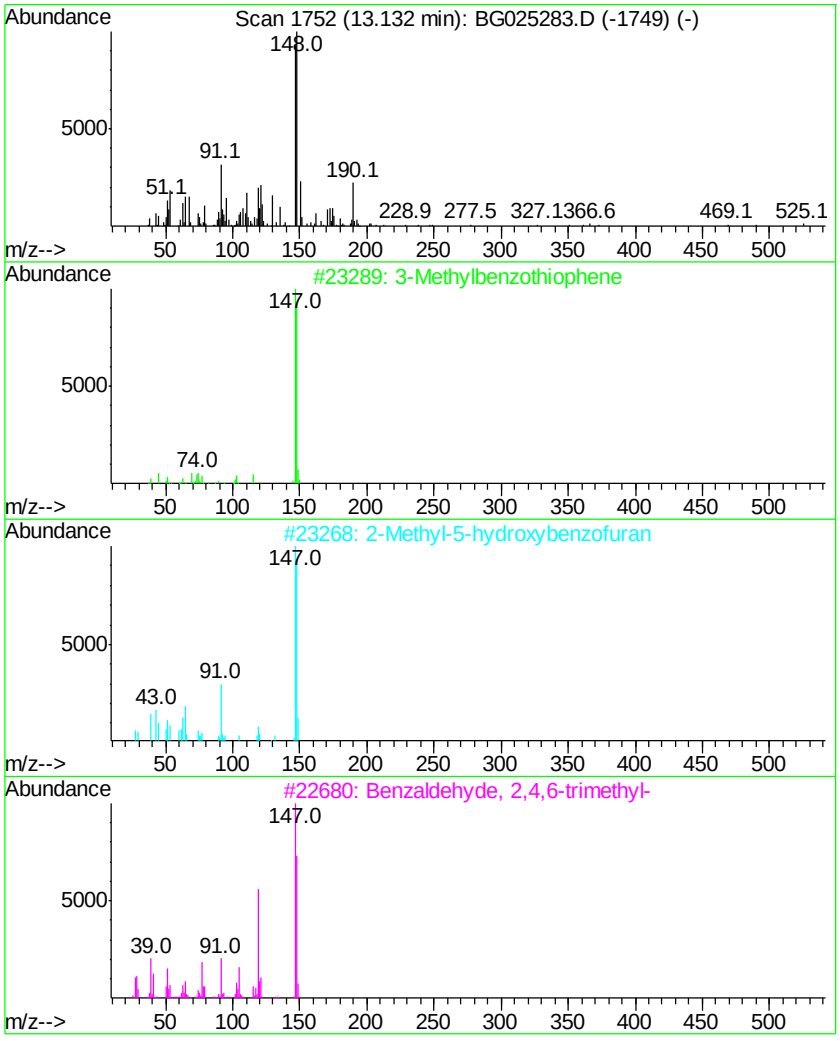
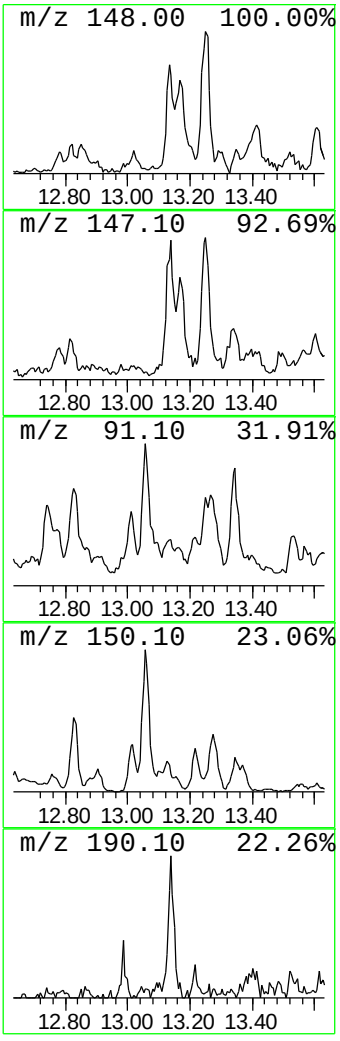
Peak Number 29 unknown-04 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	9.90 ng/ul	633275	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	46
2	2-Methyl-5-hydroxybenzofuran	148	C9H8O2	006769-56-8	45
3	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	45
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	43
5	trans-Cinnamic acid	148	C9H8O2	000140-10-3	43





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Instrument : BNA_G
ClientSampleId : DA8W4

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Quant Title : SVOA CALIBRATION

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

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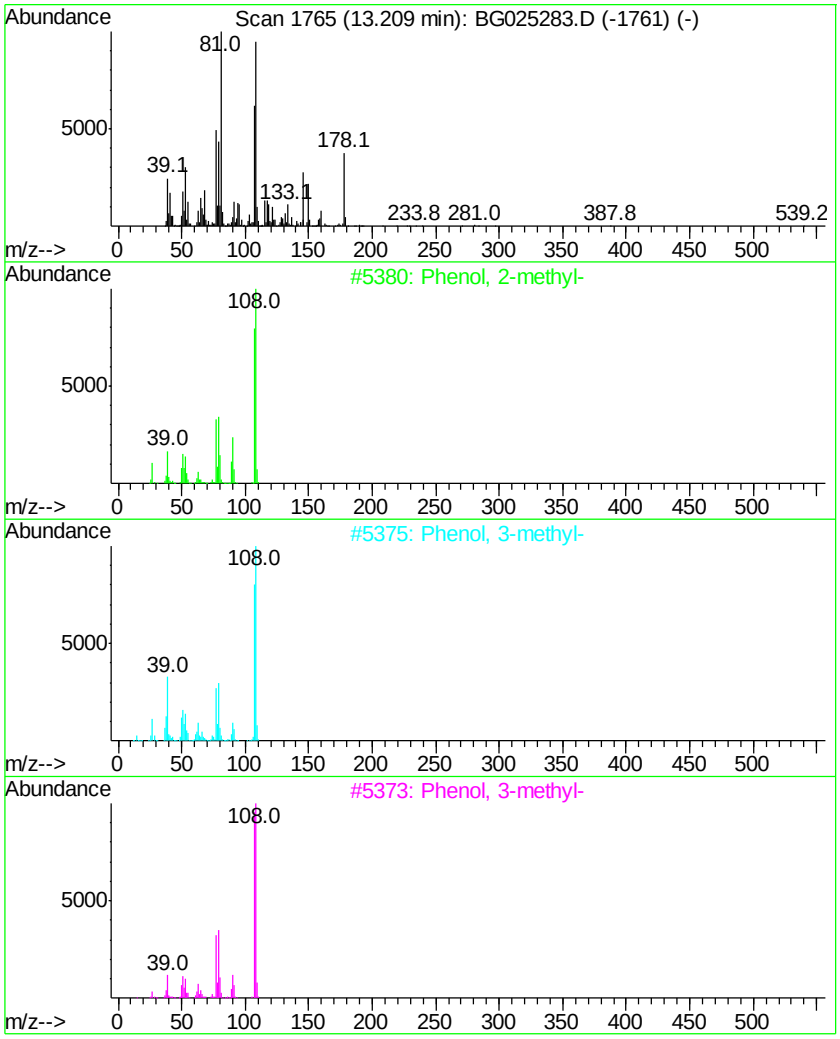
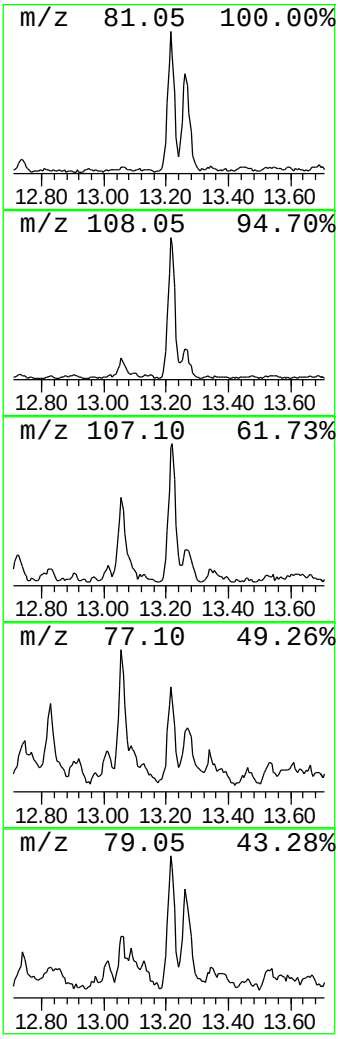
Peak Number 30 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	27.85 ng/ul	1781370	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-	108	C7H8O	000095-48-7	46
2	Phenol, 3-methyl-	108	C7H8O	000108-39-4	45
3	Phenol, 3-methyl-	108	C7H8O	000108-39-4	45
4	m-Cresyl acetate	150	C9H10O2	000122-46-3	45
5	Phenol, 2-methyl-	108	C7H8O	000095-48-7	41





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Quant Title : SVOA CALIBRATION

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

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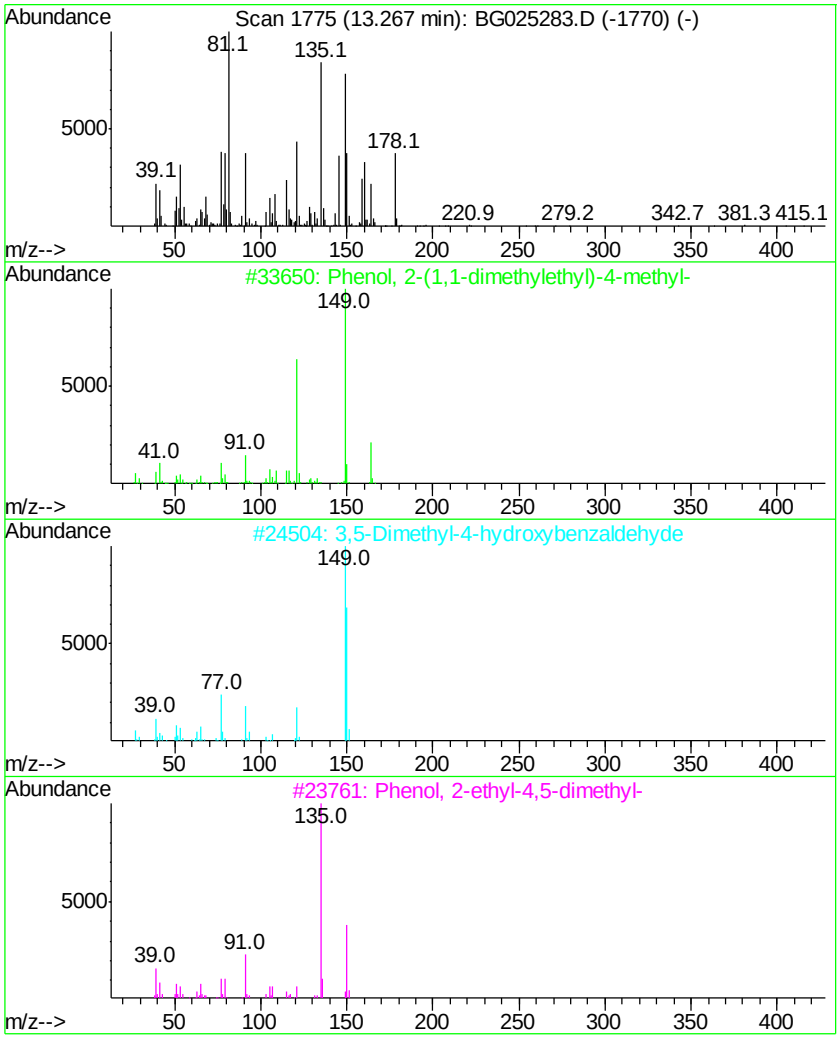
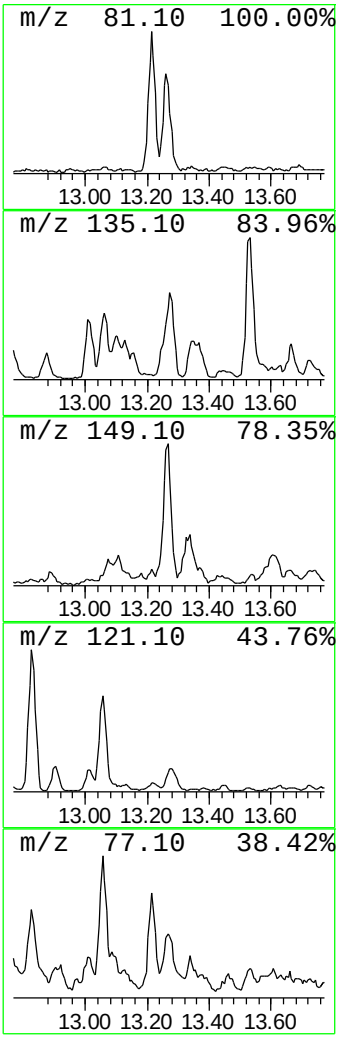
Peak Number 31 unknown-06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	33.83 ng/ul	2163990	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	30
2	3,5-Dimethyl-4-hydroxybenzaldehyde	150	C9H10O2	002233-18-3	30
3	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	25
4	ortho-Methoxyacetophenone	150	C9H10O2	000579-74-8	25
5	2'-Hydroxy-4',5'-dimethylacetoph...	164	C10H12O2	036436-65-4	25





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Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

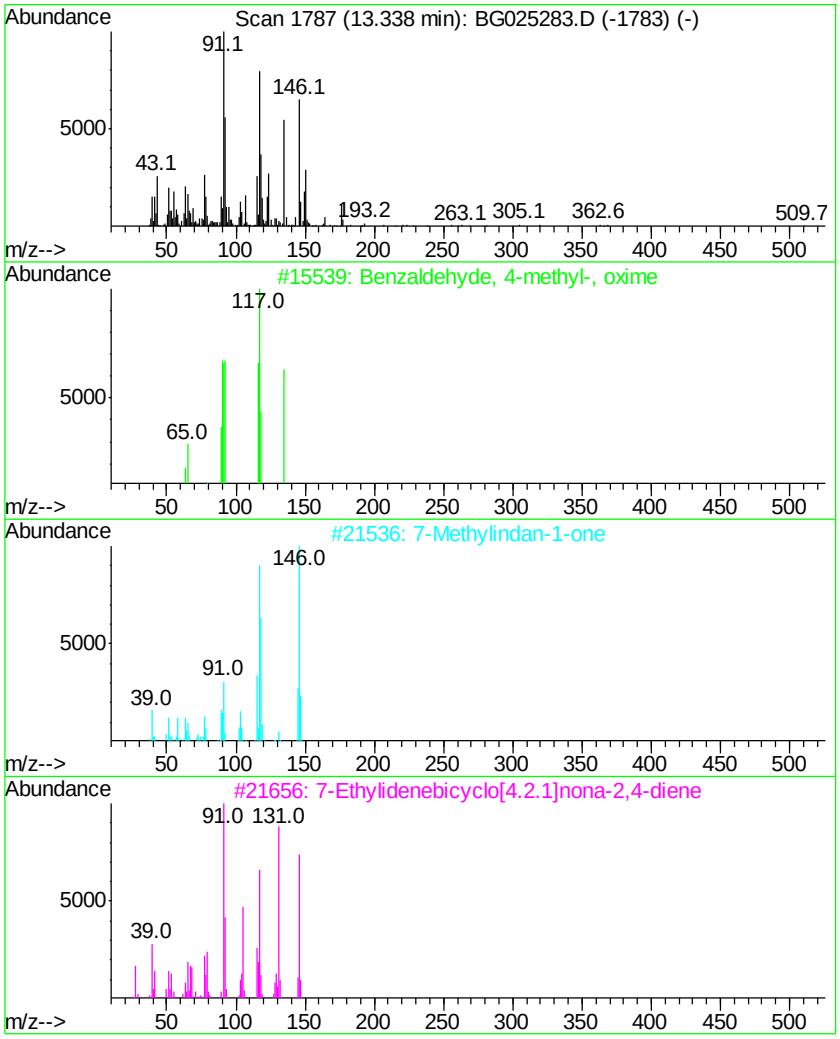
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

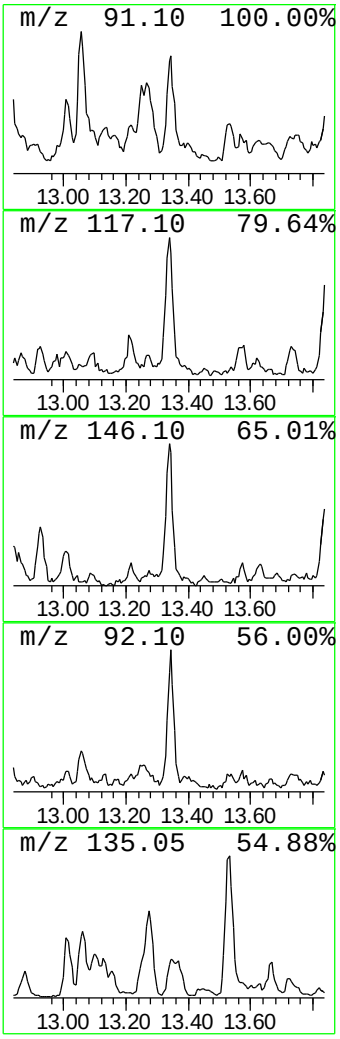
****

Peak Number 32 unknown-07 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	26.07 ng/ul	1667280	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-methyl-, oxime	135	C8H9NO	003235-02-7	45
2	7-Methylindan-1-one	146	C10H10O	039627-61-7	42
3	7-Ethylidenebicyclo[4.2.1]nona-2...	146	C11H14	094400-10-9	38
4	Benzene, cyclopentyl-	146	C11H14	000700-88-9	38
5	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	30





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Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

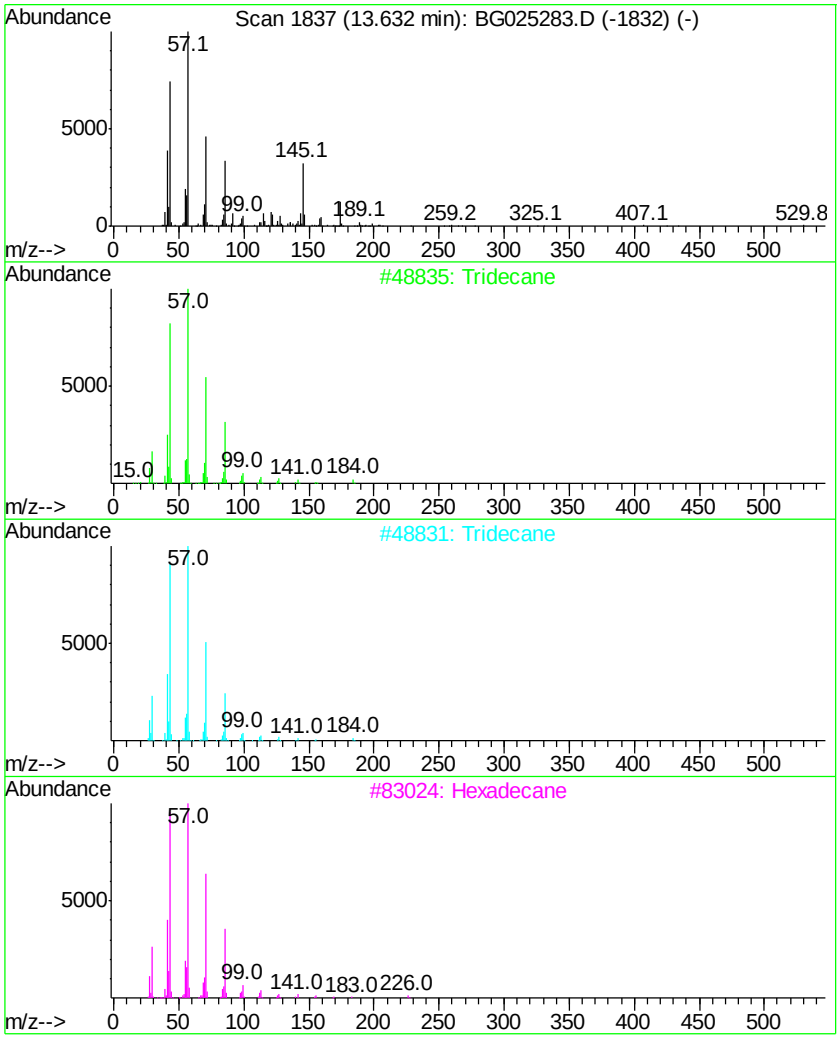
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

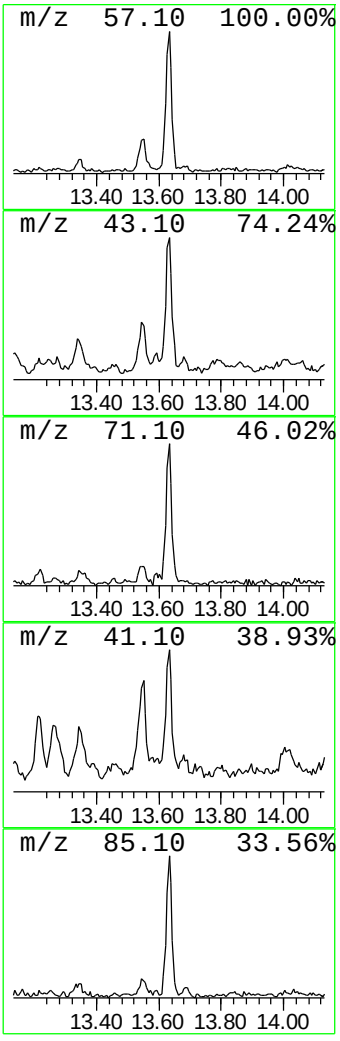
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	10.23 ng/ul	654220	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	49
2	Tridecane	184	C13H28	000629-50-5	47
3	Hexadecane	226	C16H34	000544-76-3	47
4	Dodecane	170	C12H26	000112-40-3	47
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	47





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Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

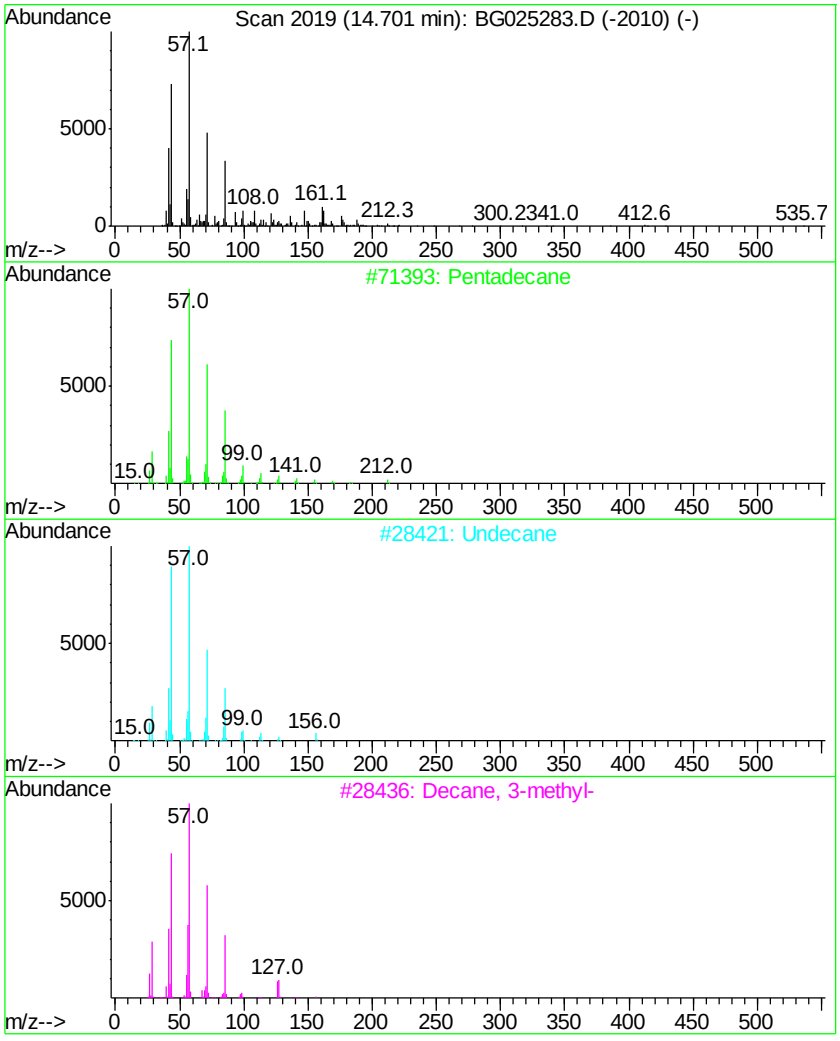
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

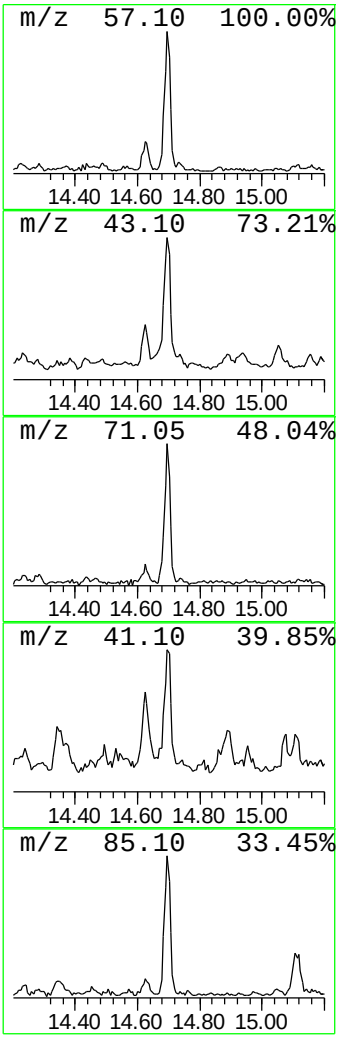
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	24.95 ng/ul	1596030	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	64
2	Undecane	156	C11H24	001120-21-4	62
3	Decane, 3-methyl-	156	C11H24	013151-34-3	58
4	Hexadecane	226	C16H34	000544-76-3	58
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53





Library Search Compound Report

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Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

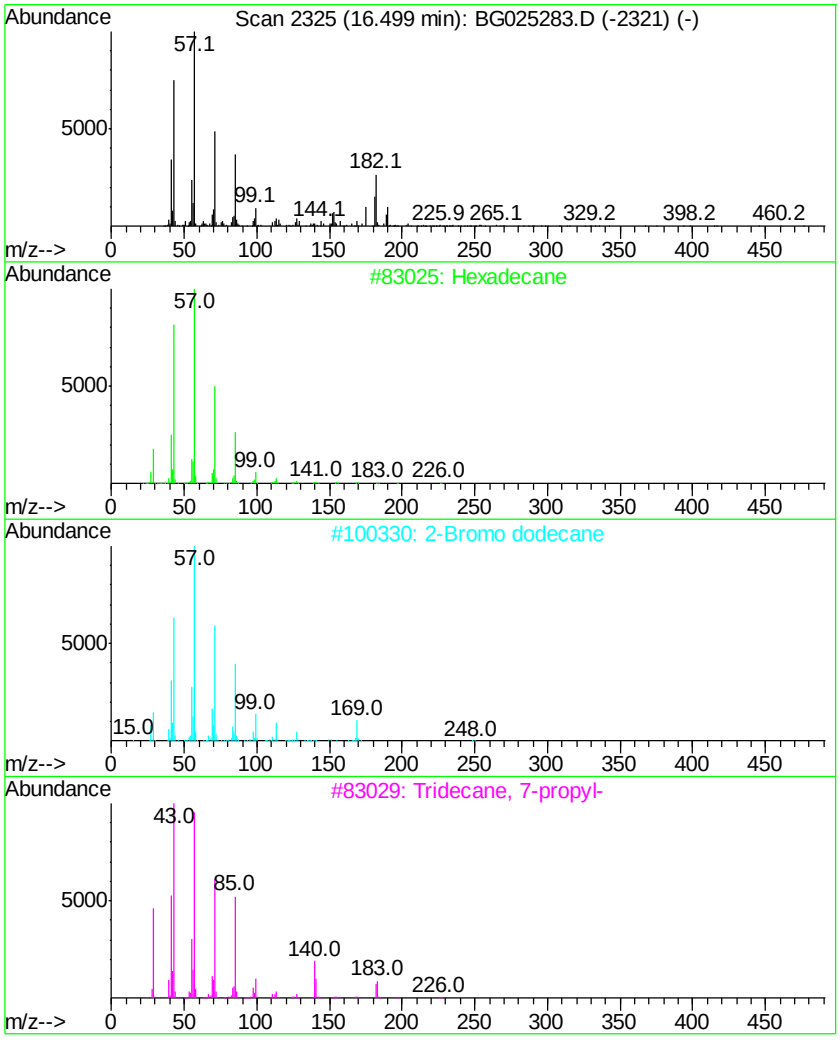
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

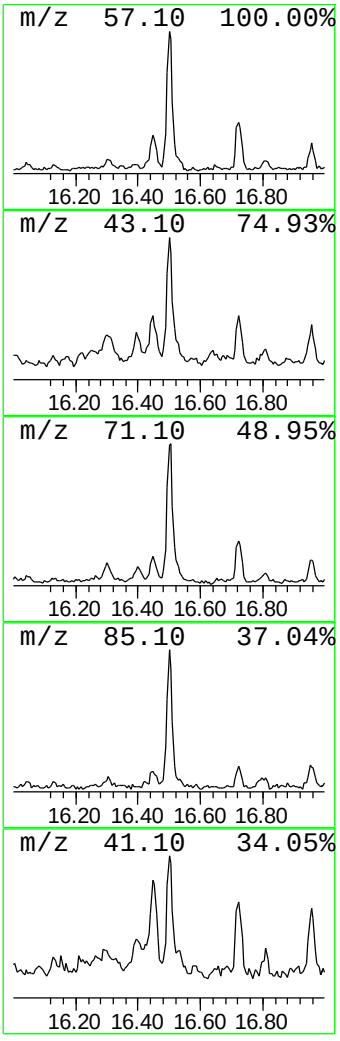
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	18.87 ng/ul	1044040	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	56
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	55
4	Tridecane	184	C13H28	000629-50-5	46
5	Tridecane	184	C13H28	000629-50-5	46





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Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

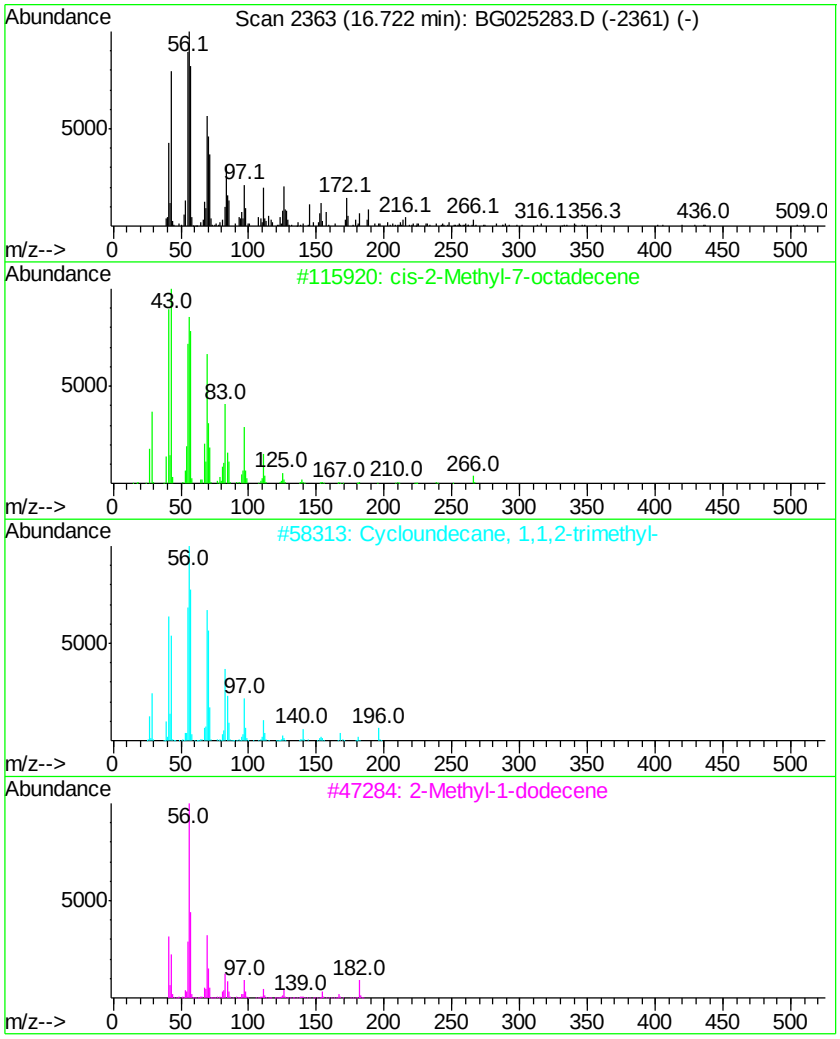
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

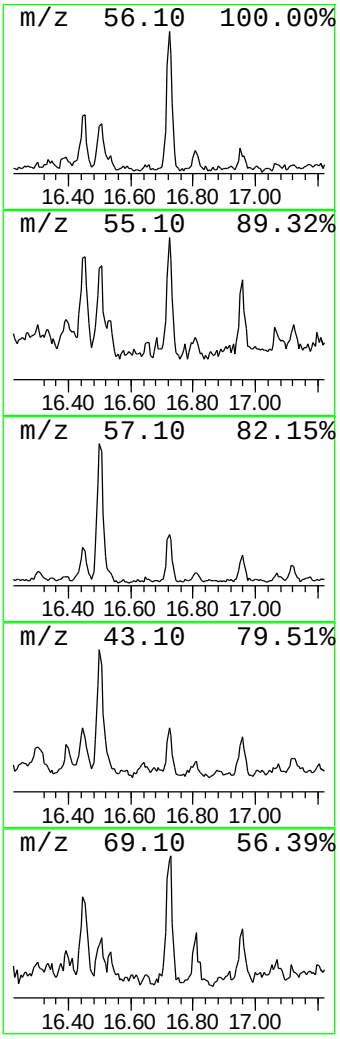
****

Peak Number 48 (DEL) Alkane: Cyclic16.72 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	11.82 ng/ul	653594	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2-Methyl-7-octadecene	266	C19H38	035354-39-3	80
2	Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	70
3	2-Methyl-1-dodecene	182	C13H26	016435-49-7	58
4	3-Nonene	126	C9H18	020063-77-8	55
5	2-Methyl-1-octadecene	266	C19H38	061868-20-0	53





Library Search Compound Report

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Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

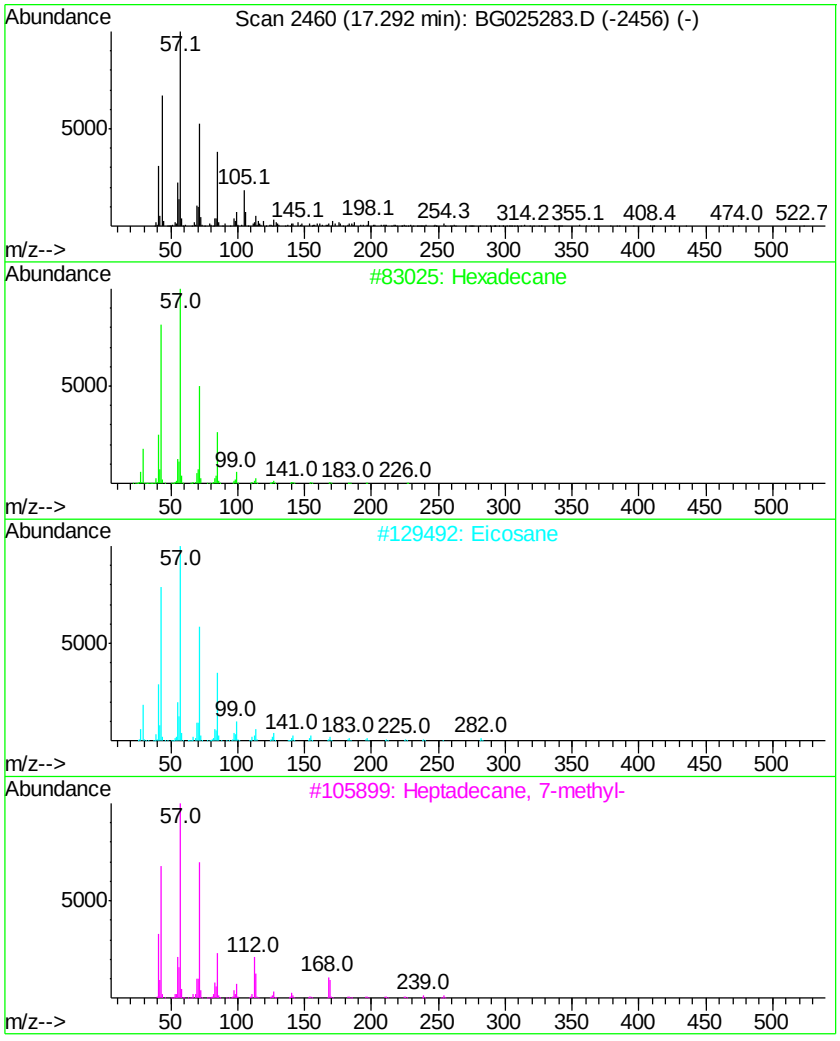
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

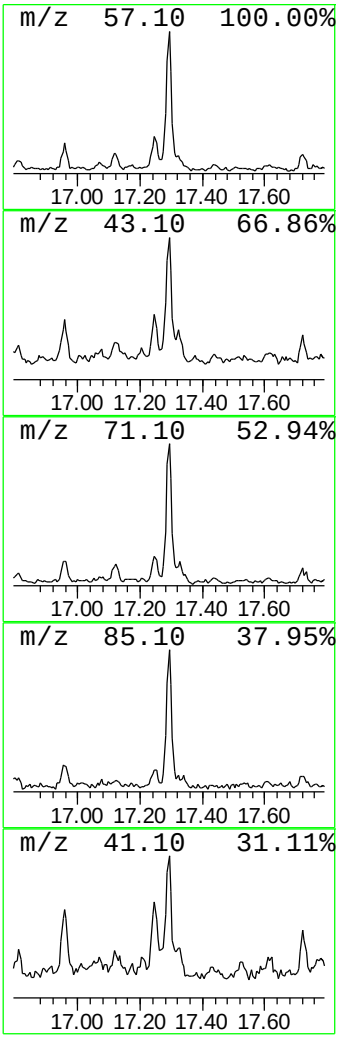
****

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	11.95 ng/ul	661219	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Eicosane	282	C20H42	000112-95-8	72
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	70
4	Octadecane	254	C18H38	000593-45-3	68
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64





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Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

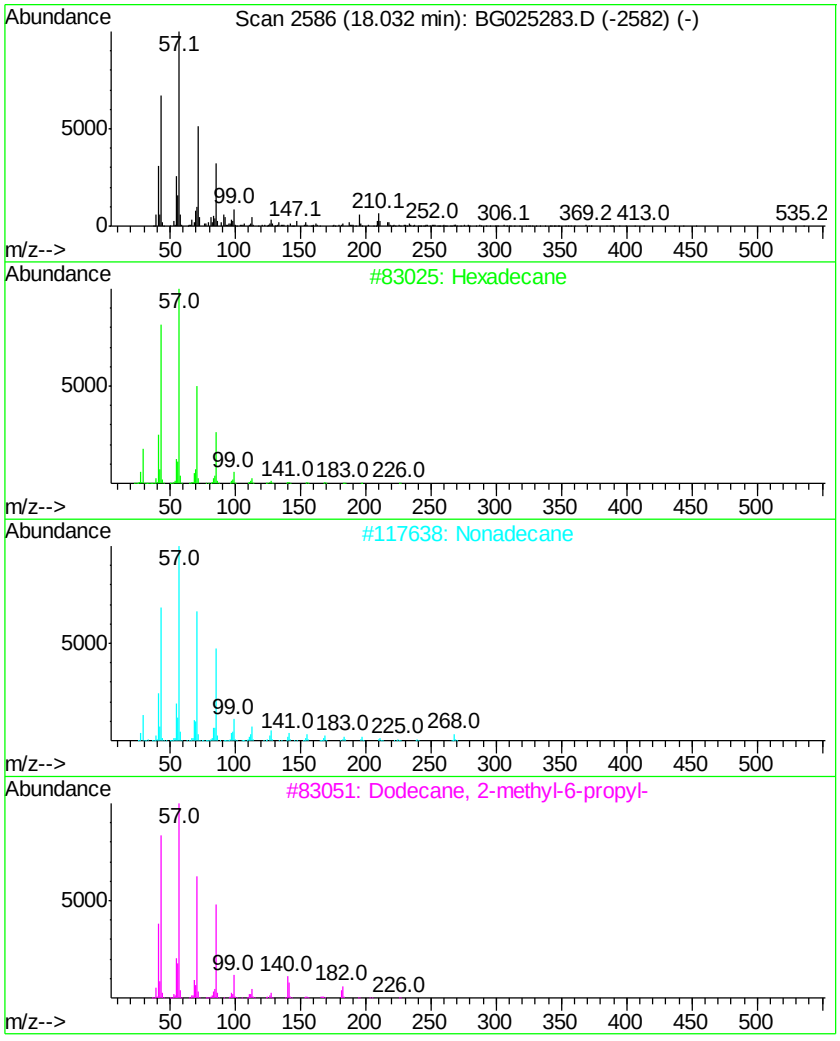
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

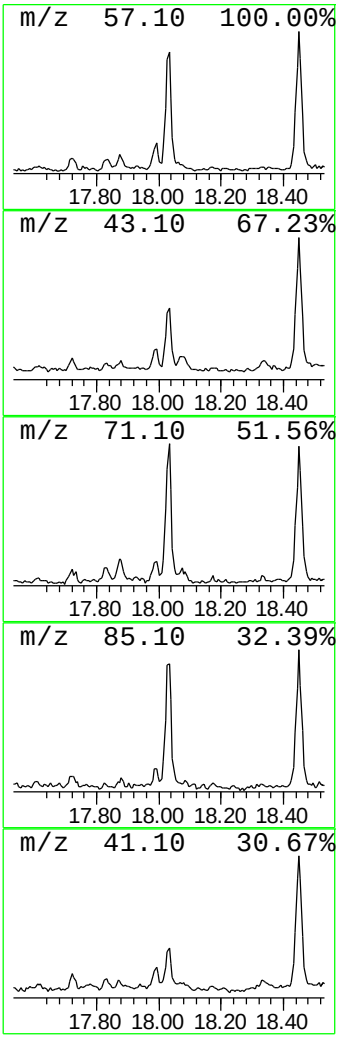
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	16.57 ng/ul	916299	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Nonadecane	268	C19H40	000629-92-5	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	72
5	Eicosane	282	C20H42	000112-95-8	72





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Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

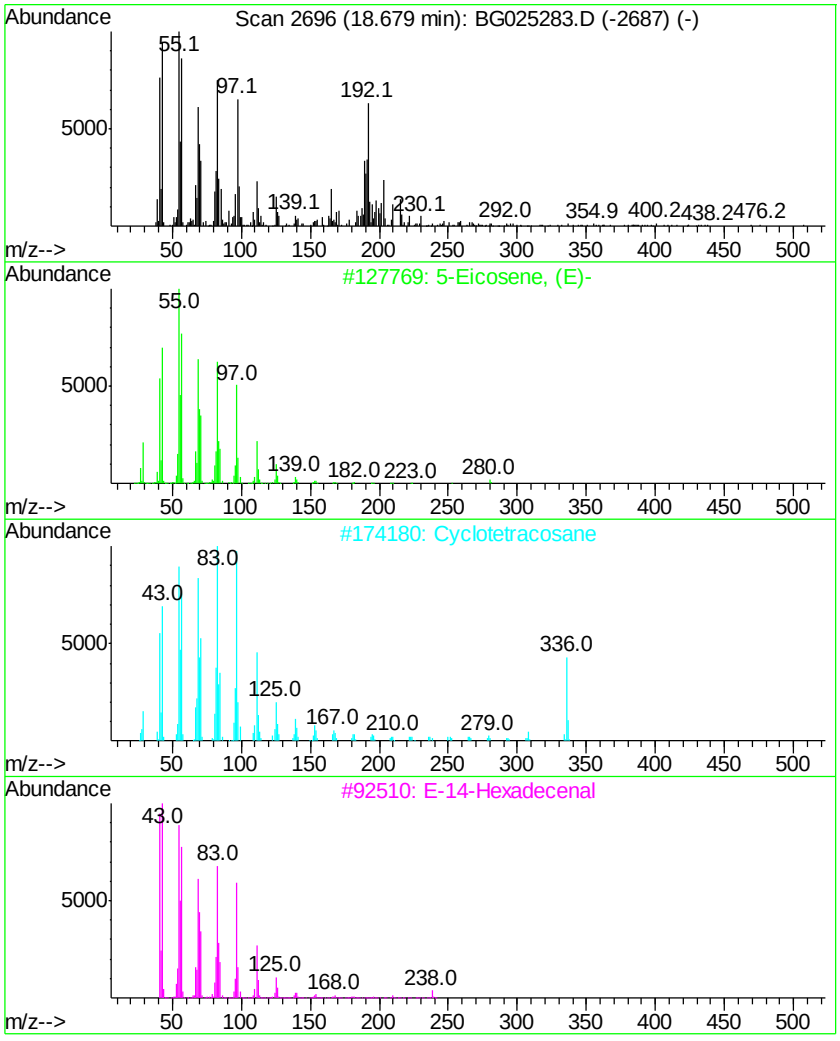
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

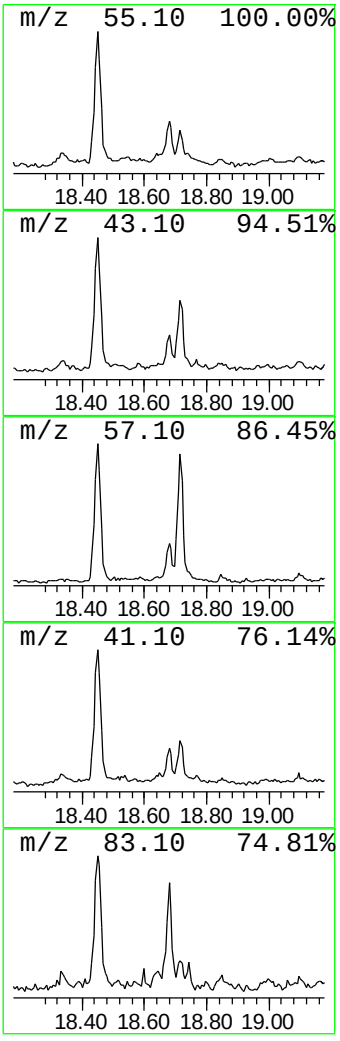
****

Peak Number 59 (DEL) Alkane: Cyclic18.68 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	25.06 ng/ul	1386200	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	95
4	1-Pentadecene	210	C15H30	013360-61-7	90
5	Cyclopentadecane	210	C15H30	000295-48-7	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
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Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

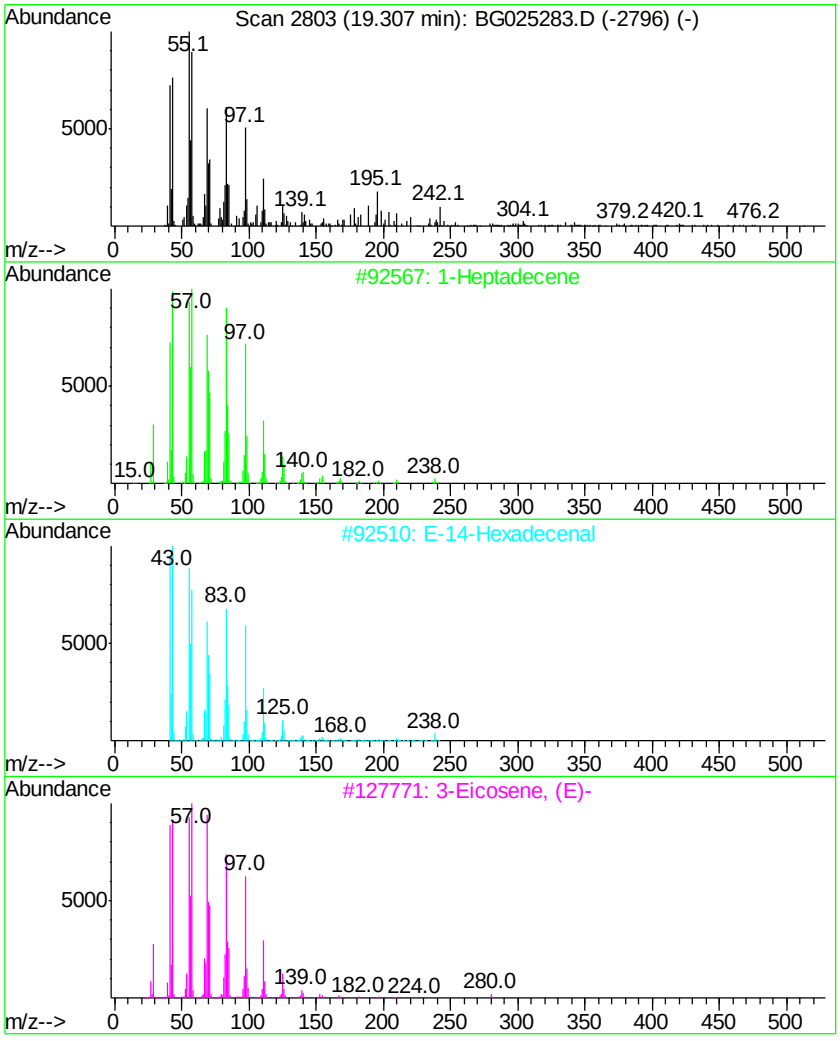
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

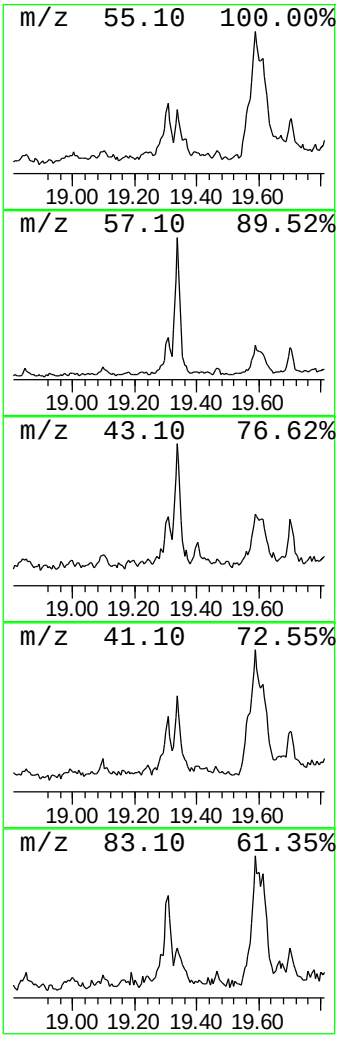
****

Peak Number 60 (DEL) Alkane: Cyclic19.31 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	15.05 ng/ul	832239	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	99
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	94
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
5	1-Pentadecene	210	C15H30	013360-61-7	92





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

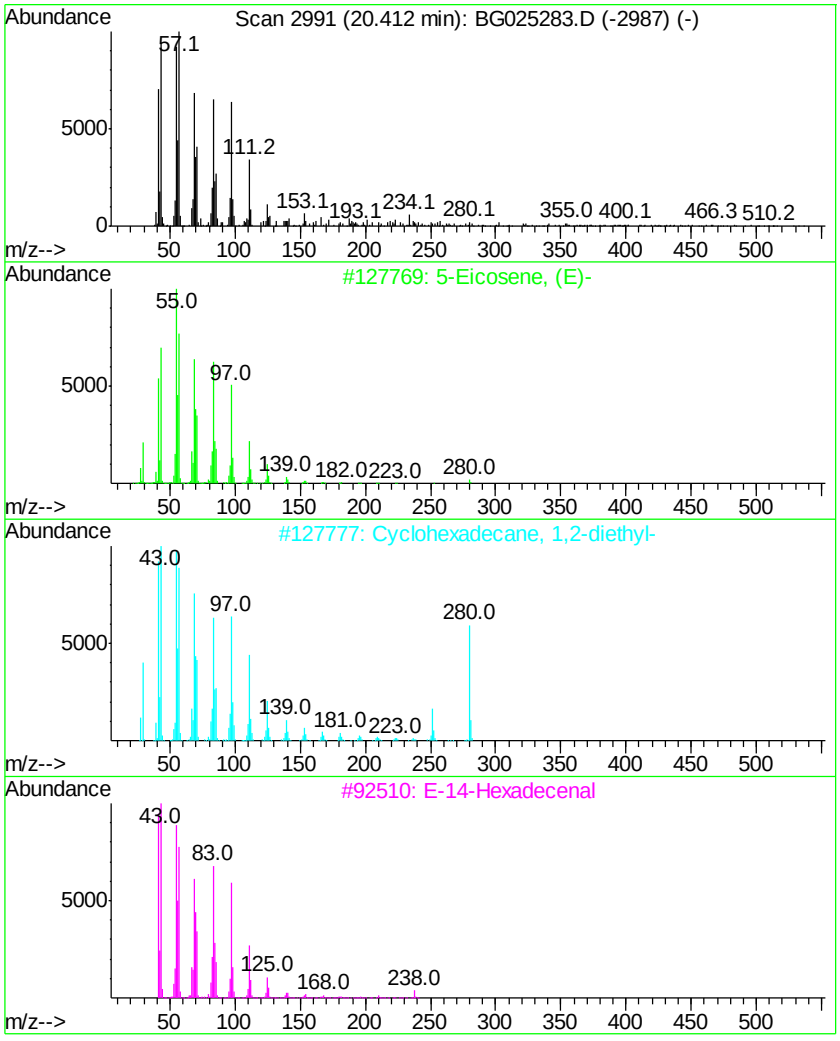
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

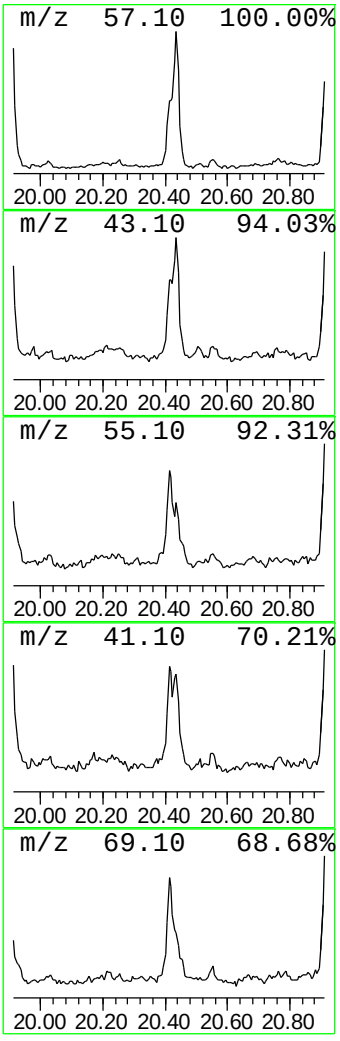
****

Peak Number 65 (DEL) Alkane: Cyclic20.41 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	11.08 ng/ul	833035	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	95
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	95





Library Search Compound Report

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Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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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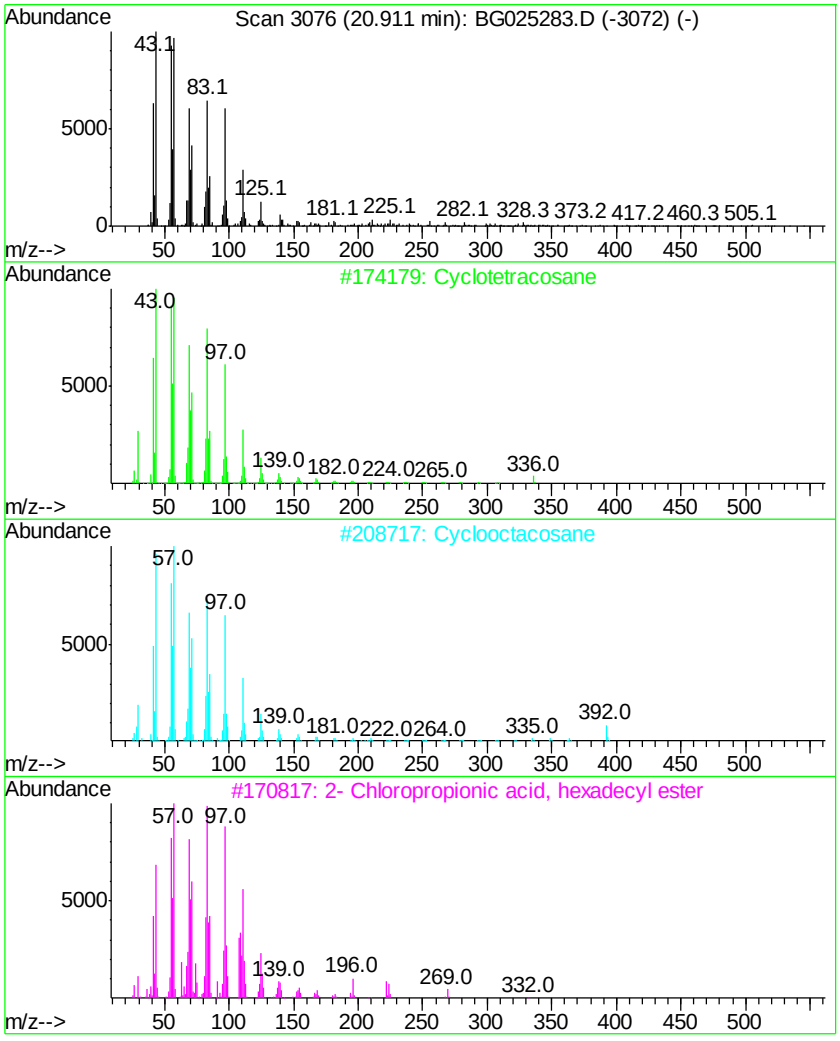
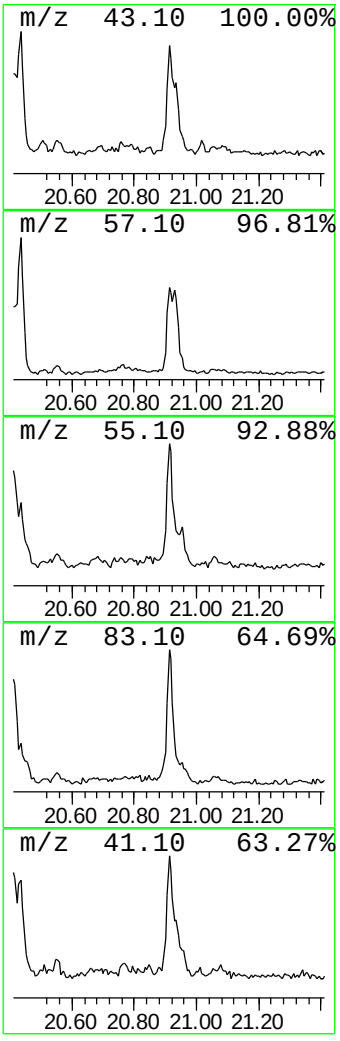
Peak Number 66 (DEL) Alkane: Cyclic20.91 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	31.22 ng/ul	2346910	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	Cyclooctacosane	392	C28H56	000297-24-5	91
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

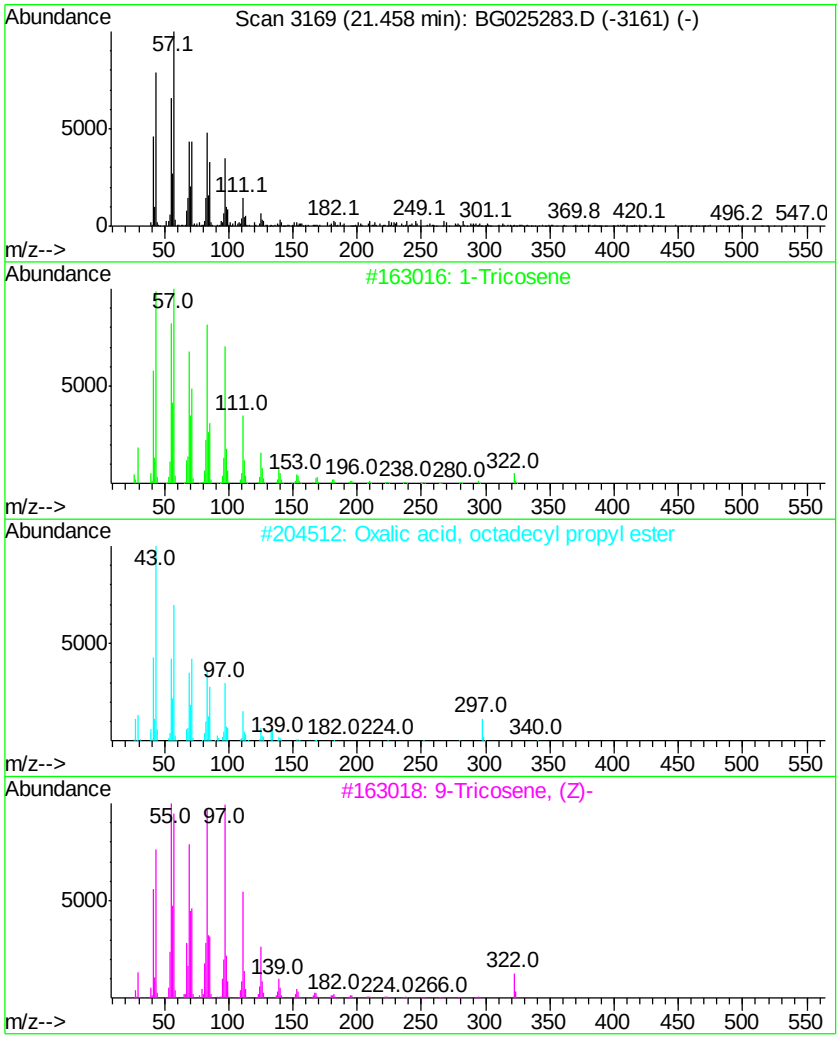
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

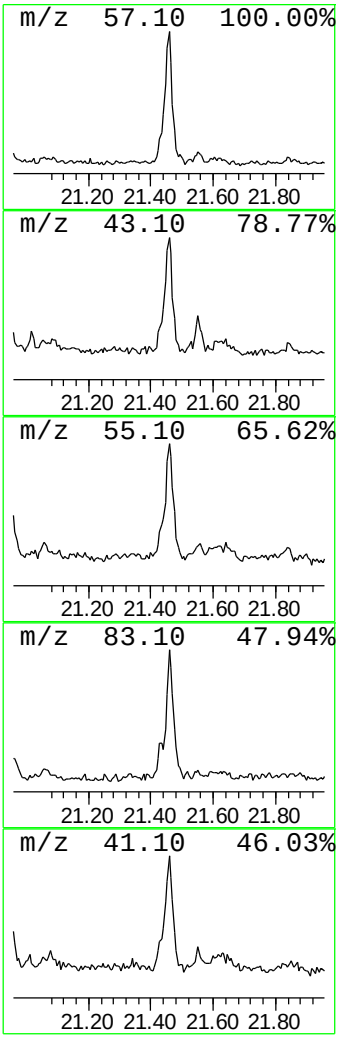
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Cyclic21.46 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	21.24 ng/ul	1596210	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	94
2	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025283.D
Acq On : 17 Dec 2016 20:48
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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, 1,3-dime...	5.83	32.5	ng/ul	1064410	1	8.23	654564	20.0
Benzene, 1,2,4-tr...	7.86	24.7	ng/ul	807760	1	8.23	654564	20.0
Benzofuran, 2-met...	9.60	24.1	ng/ul	788483	1	8.23	654564	20.0
Phenol, 2,6-dimet...	9.67	16.1	ng/ul	985535	2	11.06	1224130	20.0
3-Phenyl-2-propyn...	9.71	15.5	ng/ul	946126	2	11.06	1224130	20.0
Phenol, 2-ethyl-	10.01	11.7	ng/ul	717788	2	11.06	1224130	20.0
Phenol, 3-ethyl-	10.51	120.1	ng/ul	7350630	2	11.06	1224130	20.0
Benzene, 1-methox...	10.54	37.4	ng/ul	2286290	2	11.06	1224130	20.0
Phenol, 2-(1-meth...	10.88	16.9	ng/ul	1035750	2	11.06	1224130	20.0
Phenol, 3,4-dimet...	10.93	13.5	ng/ul	826218	2	11.06	1224130	20.0
Benzofuran, 4,7-d...	11.29	34.2	ng/ul	2092430	2	11.06	1224130	20.0
unknown-01	11.42	32.5	ng/ul	1987240	2	11.06	1224130	20.0
2-Propenal, 2-met...	11.46	23.5	ng/ul	1437810	2	11.06	1224130	20.0
Phenol, 2-ethyl-6...	11.59	26.9	ng/ul	1647050	2	11.06	1224130	20.0
p-Propargyloxytol...	11.82	10.9	ng/ul	670191	2	11.06	1224130	20.0
Phenol, 3-propyl-	11.89	129.7	ng/ul	7940080	2	11.06	1224130	20.0
Phenol, 2,4,6-tri...	12.07	26.8	ng/ul	1639040	2	11.06	1224130	20.0
Phenol, 2,3,6-tri...	12.13	27.5	ng/ul	1685760	2	11.06	1224130	20.0
unknown-02	12.18	11.3	ng/ul	691847	2	11.06	1224130	20.0
4-Hydroxy-3-methy...	12.25	14.6	ng/ul	895919	2	11.06	1224130	20.0
Benzene, 1-methox...	12.44	19.0	ng/ul	1164780	2	11.06	1224130	20.0
2-Methyl-6-propyl...	12.83	33.9	ng/ul	2073930	2	11.06	1224130	20.0
Naphthalene, 1-me...	12.92	25.7	ng/ul	1575060	2	11.06	1224130	20.0
unknown-03	13.01	19.1	ng/ul	1218930	3	14.86	1279300	20.0
Phenol, 3-methyl-...	13.06	23.7	ng/ul	1515860	3	14.86	1279300	20.0
unknown-04	13.13	9.9	ng/ul	633275	3	14.86	1279300	20.0
unknown-05	13.21	27.9	ng/ul	1781370	3	14.86	1279300	20.0
unknown-06	13.27	33.8	ng/ul	2163990	3	14.86	1279300	20.0
unknown-07	13.34	26.1	ng/ul	1667280	3	14.86	1279300	20.0
(DEL) Alkane: Str...	13.63	10.2	ng/ul	654220	3	14.86	1279300	20.0
(DEL) Alkane: Str...	14.70	24.9	ng/ul	1596030	3	14.86	1279300	20.0
(DEL) Alkane: Str...	16.50	18.9	ng/ul	1044040	4	17.60	1106300	20.0
(DEL) Alkane: Cyc...	16.72	11.8	ng/ul	653594	4	17.60	1106300	20.0
(DEL) Alkane: Str...	17.29	11.9	ng/ul	661219	4	17.60	1106300	20.0
(DEL) Alkane: Str...	18.03	16.6	ng/ul	916299	4	17.60	1106300	20.0
(DEL) Alkane: Cyc...	18.68	25.1	ng/ul	1386200	4	17.60	1106300	20.0
(DEL) Alkane: Cyc...	19.31	15.1	ng/ul	832239	4	17.60	1106300	20.0
(DEL) Alkane: Cyc...	20.41	11.1	ng/ul	833035	5	21.90	1503310	20.0
(DEL) Alkane: Cyc...	20.91	31.2	ng/ul	2346910	5	21.90	1503310	20.0
(DEL) Alkane: Cyc...	21.46	21.2	ng/ul	1596210	5	21.90	1503310	20.0