LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 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	5.832	502	509	521	rBV	361917	868811	12.69%	0.648%
2	6.208	564	573	579	rVV	305008	596997	8.72%	0.445%
3	7.859	849	854	862	rVV	374305	692297	10.11%	0.516%
4	8.681	988	994	1001	rVV	393535	753990	11.01%	0.562%
5	9.022	1045	1052	1067	rVB	974809	1970515	28.77%	1.469%
6	9.416	1114	1119	1128	rVB3	337233	606937	8.86%	0.452%
7	9.592	1137	1149	1156	rVB4	238899	680958	9.94%	0.508%
8	9.669	1156	1162	1165	rBV2	431958	773871	11.30%	0.577%
9	9.710	1165	1169	1176	rVV3	432451	1005412	14.68%	0.749%
10	9.780	1176	1181	1189	rVB	1044482	1879242	27.44%	1.401%
11	10.015	1215	1221	1229	rVB4	301738	571251	8.34%	0.426%
12	10.227	1250	1257	1260	rBV	1195849	2205370	32.20%	1.644%
13	10.256	1260	1262	1274	rVB2	848550	1510274	22.05%	1.126%
14	10.503	1286	1304	1308	rBV	2280519	5810673	84.84%	4.331%
15	10.538	1308	1310	1319	rVV2	1206305	1993596	29.11%	1.486%
16	10.691	1329	1336	1342	rBV2	726747	1331482	19.44%	0.992%
17	10.879	1357	1368	1373	rBV3	344924	885029	12.92%	0.660%
18	10.932	1373	1377	1382	rVV2	478967	804361	11.74%	0.600%
19	11.114	1403	1408	1417	rVB	550923	1033072	15.08%	0.770%
20	11.202	1417	1423	1432	rBV2	652709	1257118	18.36%	0.937%
21	11.290	1432	1438	1453	rVB4	534003	1793552	26.19%	1.337%
22	11.419	1453	1460	1463	rBV2	834941	1551544	22.65%	1.156%
23	11.461	1463	1467	1476	rVV2	939794	2082946	30.41%	1.553%
24	11.590	1484	1489	1494	rBV	827184	1393061	20.34%	1.038%
25	11.649	1494	1499	1507	rVV3	341857	939125	13.71%	0.700%
26	11.813	1519	1527	1532	rBV4	286397	591049	8.63%	0.441%
27	11.884	1532	1539	1546	rBV2	3605753	6848828	100.00%	5.105%
28	12.072	1564	1571	1576	rBV3	665034	1519247	22.18%	1.132%
29	12.124	1576	1580	1585	rVB2	551926	906665	13.24%	0.676%
30	12.242	1595	1600	1608	rVB5	333191	853435	12.46%	0.636%
31	12.442	1631	1634	1643	rVB2	585356	1004301	14.66%	0.749%
32	12.595	1648	1660	1665	rBV7	347576	1173506	17.13%	0.875%
33	12.700	1673	1678	1682	rBV	1012249	1765591	25.78%	1.316%
34	12.741	1682	1685	1688	rVV2	420784	560983	8.19%	0.418%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 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	12.830	1695	1700	1710	rVB3	701277	1852834	27.05%	1.381%
36	12.918	1710	1715	1721	rVB2	790254	1392405	20.33%	1.038%
37	13.012	1721	1731	1734	rBV4	554484	1116908	16.31%	0.833%
38	13.059	1734	1739	1742	rBV2	801202	1256974	18.35%	0.937%
39	13.217	1760	1766	1769	rBV	957633	1528694	22.32%	1.139%
40	13.264	1769	1774	1782	rVV5	855704	1928192	28.15%	1.437%
41	13.341	1782	1787	1800	rVB8	578971	1474061	21.52%	1.099%
42	13.535	1815	1820	1824	rBV2	397634	887898	12.96%	0.662%
43	13.629	1831	1836	1843	rVV4	316897	546905	7.99%	0.408%
44	14.010	1895	1901	1904	rBV5	801034	1654591	24.16%	1.233%
45	14.181	1924	1930	1933	rVV4	627928	1194514	17.44%	0.890%
46	14.228	1933	1938	1947	rVB4	1018828	2476868	36.16%	1.846%
47	14.345	1953	1958	1967	rBV6	828039	2061622	30.10%	1.537%
48	14.434	1967	1973	1979	rVV5	449798	1309759	19.12%	0.976%
49	14.557	1987	1994	2002	rBV4	526151	1249283	18.24%	0.931%
50	14.698	2010	2018	2029	rBV5	439410	1405246	20.52%	1.047%
51	14.862	2041	2046	2049	rBV2	680786	1221832	17.84%	0.911%
52	14.927	2054	2057	2068	rVB5	507448	1221965	17.84%	0.911%
53	15.050	2069	2078	2085	rBV7	574536	1550430	22.64%	1.156%
54	15.156	2091	2096	2099	rBV3	493441	824728	12.04%	0.615%
55	15.233	2105	2109	2115	rBV3	710830	1300102	18.98%	0.969%
56	15.456	2142	2147	2153	rBV9	340467	886891	12.95%	0.661%
57	15.515	2153	2157	2165	rVB6	525987	942093	13.76%	0.702%
58	15.614	2165	2174	2176	rBV4	639308	1379127	20.14%	1.028%
59	15.691	2183	2187	2191	rVB3	343669	557618	8.14%	0.416%
60	15.797	2199	2205	2208	rBV7	265998	642554	9.38%	0.479%
61	15.844	2209	2213	2216	rVV2	543494	984377	14.37%	0.734%
62	15.885	2216	2220	2227	rVV4	626527	1508638	22.03%	1.124%
63	16.108	2252	2258	2268	rBV7	282940	744288	10.87%	0.555%
64	16.290	2284	2289	2302	rBV5	561692	1761247	25.72%	1.313%
65	16.449	2310	2316	2321	rBV5	469256	826608	12.07%	0.616%
66	16.502	2321	2325	2329	rBV3	552408	855972	12.50%	0.638%
67	16.549	2330	2333	2340	rVB4	383781	577307	8.43%	0.430%
68	16.684	2352	2356	2360	rBV5	351645	640385	9.35%	0.477%
69	16.725	2360	2363	2368	rVB3	456058	659918	9.64%	0.492%
70	16.790	2368	2374	2383	rVB8	403768	951034	13.89%	0.709%
71	16.901	2384	2393	2396	rBV8	371472	975985	14.25%	0.727%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 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	16.954	2397	2402	2407	rVB5	630124	1100468	16.07%	0.820%
73	17.330	2463	2466	2471	rVB3	390711	607902	8.88%	0.453%
74	17.436	2479	2484	2491	rVB3	395195	703966	10.28%	0.525%
75	17.501	2491	2495	2498	rBV3	415176	677184	9.89%	0.505%
76	17.606	2507	2513	2517	rBV	728609	1149101	16.78%	0.857%
77	17.706	2524	2530	2537	rVV2	507647	1243694	18.16%	0.927%
78	17.777	2537	2542	2548	rVV3	686096	1471411	21.48%	1.097%
79	18.029	2581	2585	2590	rVB2	509413	696420	10.17%	0.519%
80	18.341	2633	2638	2641	rBV4	356333	632208	9.23%	0.471%
81	18.446	2651	2656	2664	rBV3	1756596	2648364	38.67%	1.974%
82	18.676	2687	2695	2698	rVV6	514630	1203536	17.57%	0.897%
83	18.711	2698	2701	2708	rVB2	508209	662462	9.67%	0.494%
84	19.304	2795	2802	2805	rBV7	368413	827220	12.08%	0.617%
85	19.592	2841	2851	2862	rBV5	926877	3494022	51.02%	2.604%
86	19.821	2885	2890	2897	rBV	709710	1483811	21.67%	1.106%
87	19.880	2897	2900	2903	rVV	765992	1087446	15.88%	0.811%
88	19.909	2903	2905	2911	rVB2	846541	982830	14.35%	0.733%
89	19.980	2912	2917	2928	rVB2	970918	2006525	29.30%	1.496%
90	20.415	2987	2991	2992	rBV	603713	667754	9.75%	0.498%
91	20.550	3010	3014	3024	rBV6	289183	671957	9.81%	0.501%
92	20.914	3071	3076	3090	rVB3	932748	2090980	30.53%	1.559%
93	21.455	3164	3168	3177	rVB	709486	1136271	16.59%	0.847%
94	21.895	3238	3243	3250	rVB2	830265	1471994	21.49%	1.097%
95	22.683	3372	3377	3385	rVB3	357520	625595	9.13%	0.466%
96	23.323	3478	3486	3515	rVB3	617769	3911052	57.11%	2.915%
97	25.086	3780	3786	3797	rVB2	426436	1237841	18.07%	0.923%
98	25.333	3819	3828	3840	rVB4	445741	1422225	20.77%	1.060%
99	25.897	3919	3924	3940	rVB10	200793	608805	8.89%	0.454%
100	27.172	4133	4141	4162	rVB5	733946	3073571	44.88%	2.291%

Sum of corrected areas: 134161557

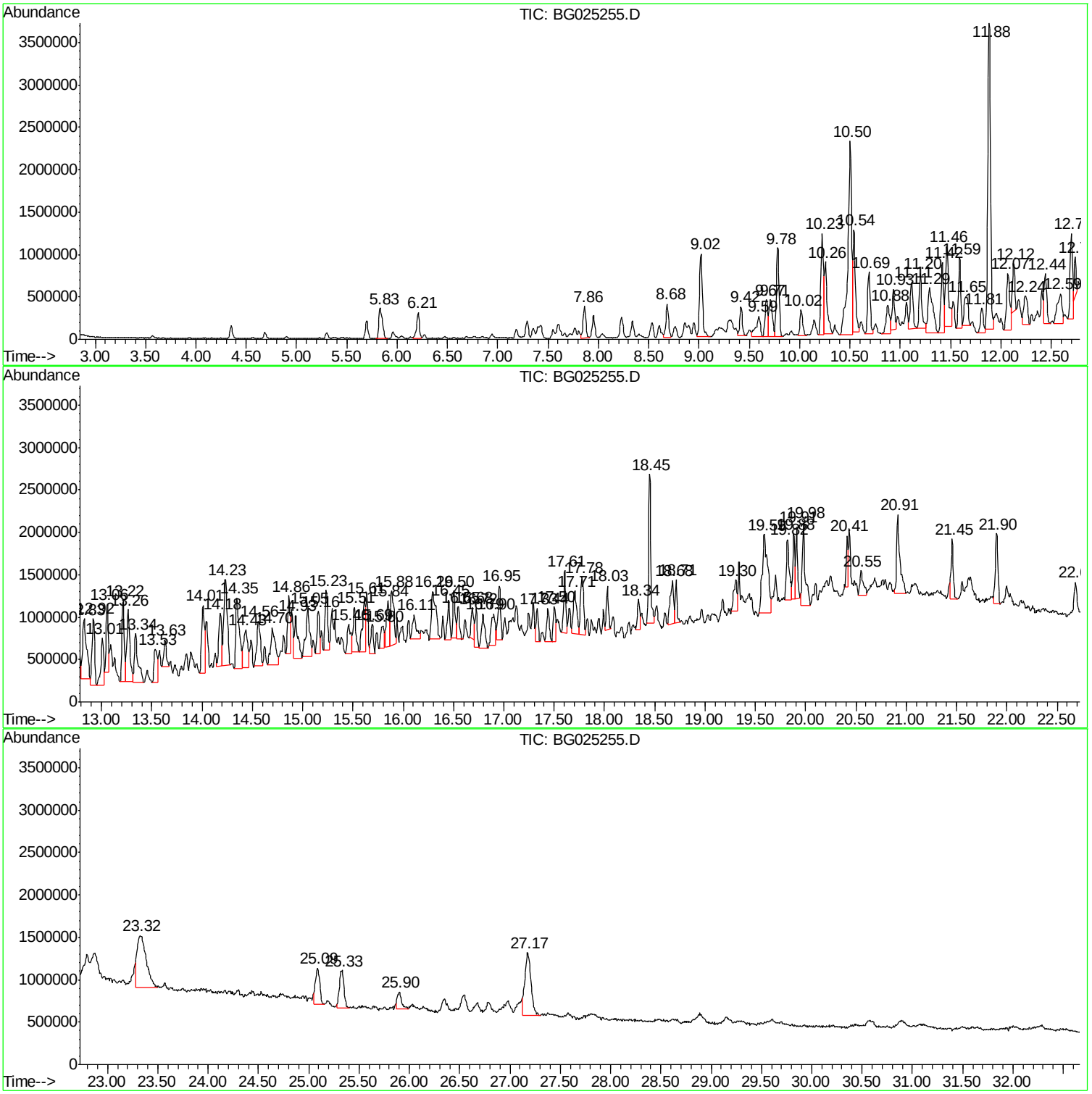
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

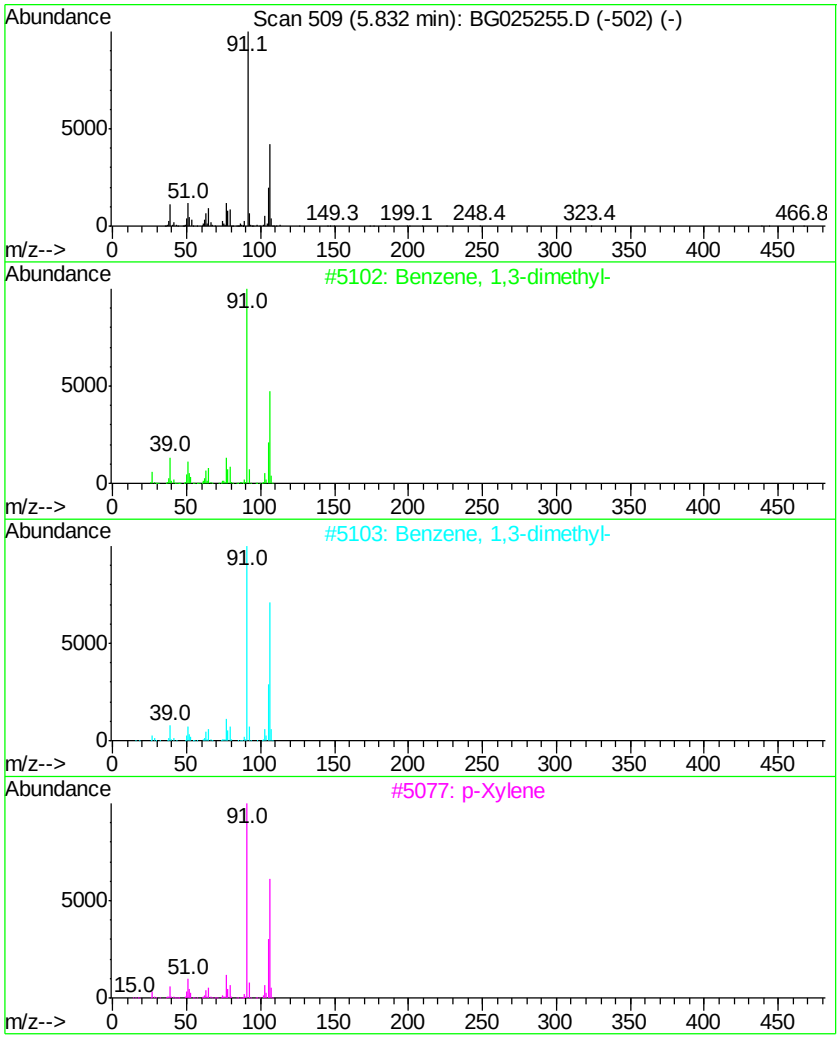
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

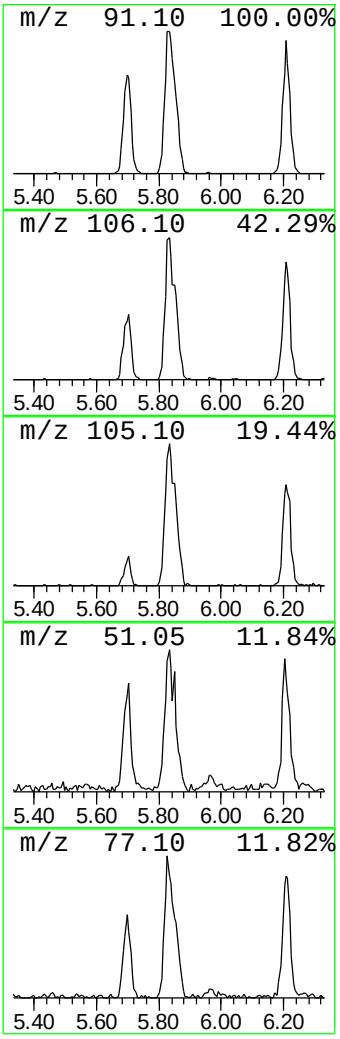
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	25.10 ng/ul	868811	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	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3	p-Xylene	106	C8H10	000106-42-3	94
4	o-Xylene	106	C8H10	000095-47-6	94
5	p-Xylene	106	C8H10	000106-42-3	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

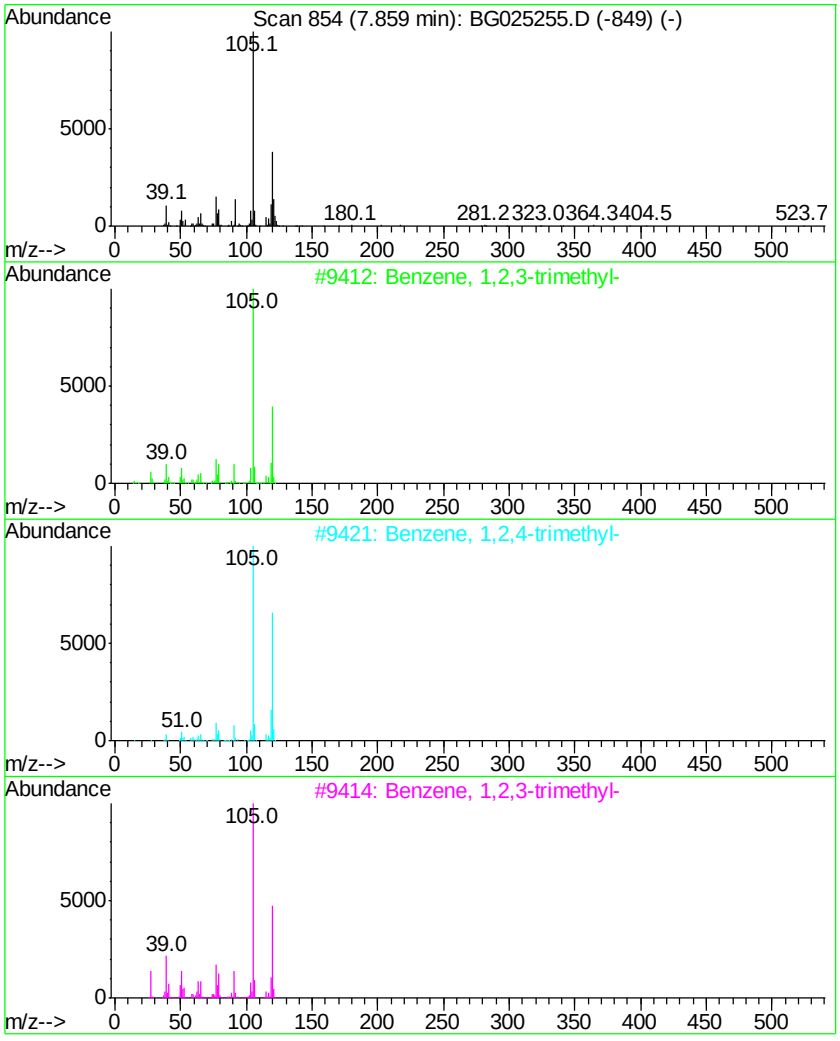
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

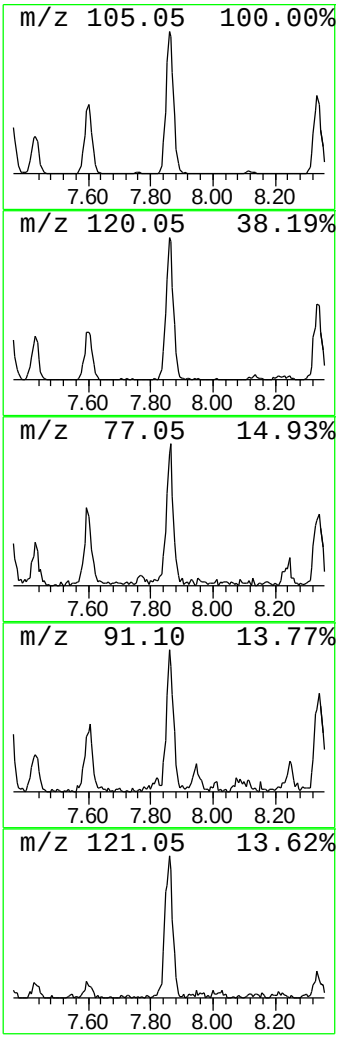
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	20.00 ng/ul	692297	1,4-Dichlorobenzene-d4	8.23

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

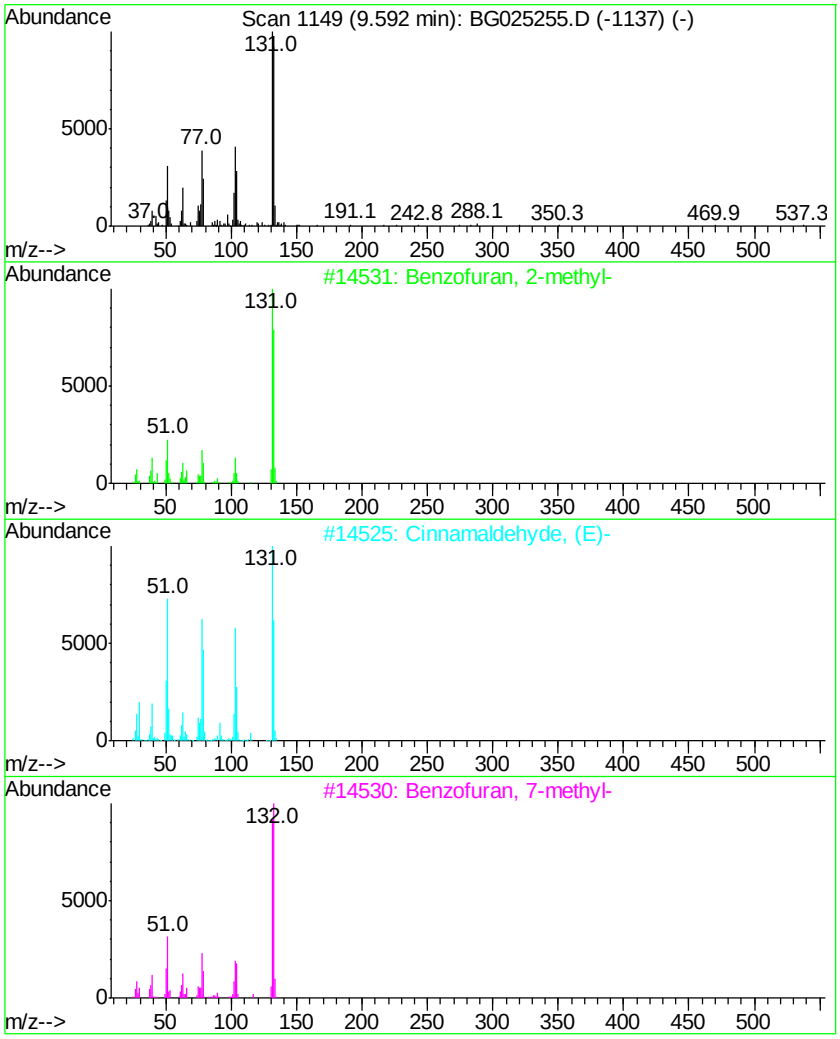
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

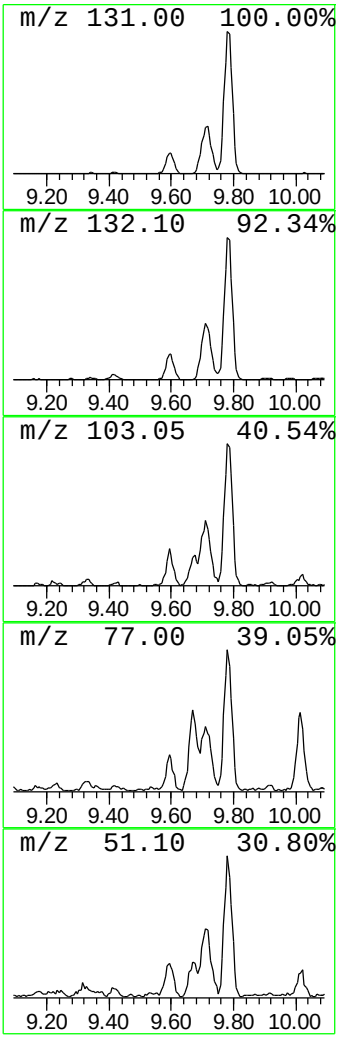
****

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	19.67 ng/ul	680958	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	94
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

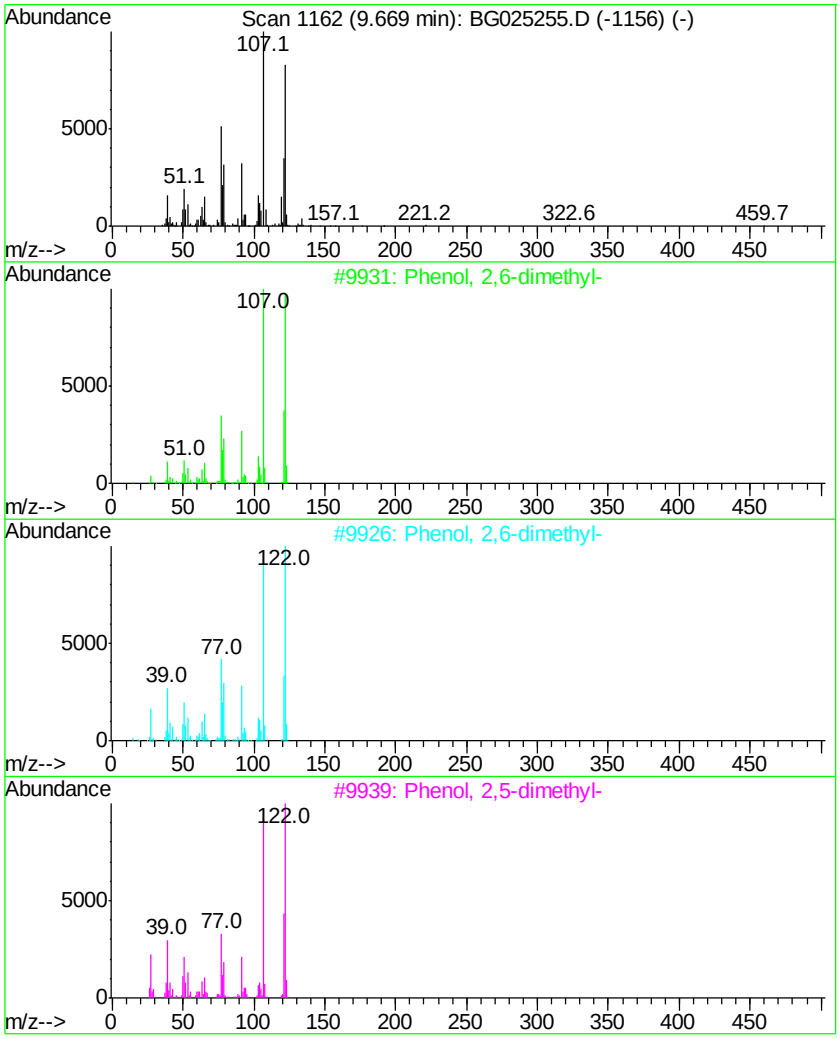
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

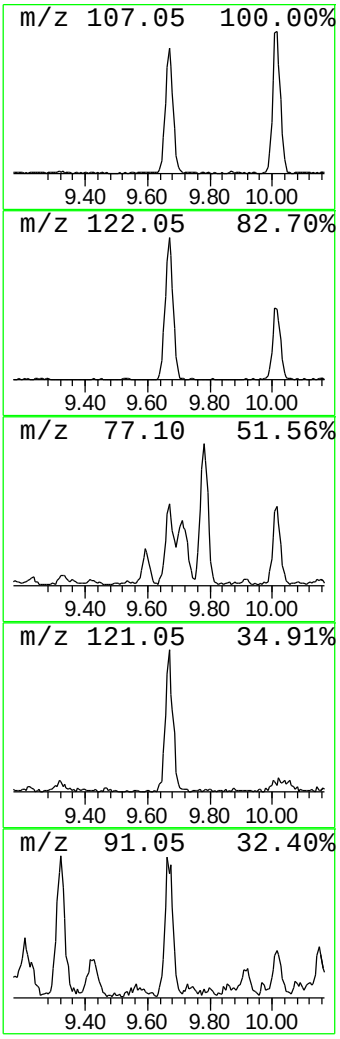
****

Peak Number 5 Phenol, 2,6-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	14.98 ng/ul	773871	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	95
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

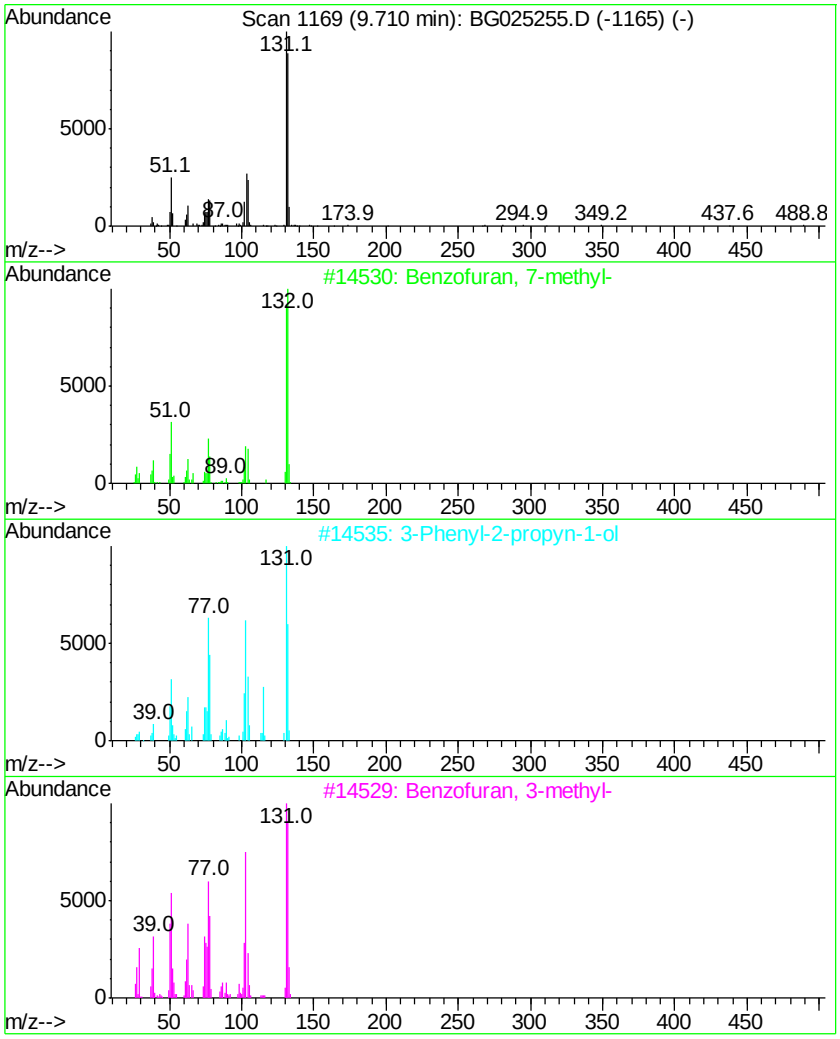
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

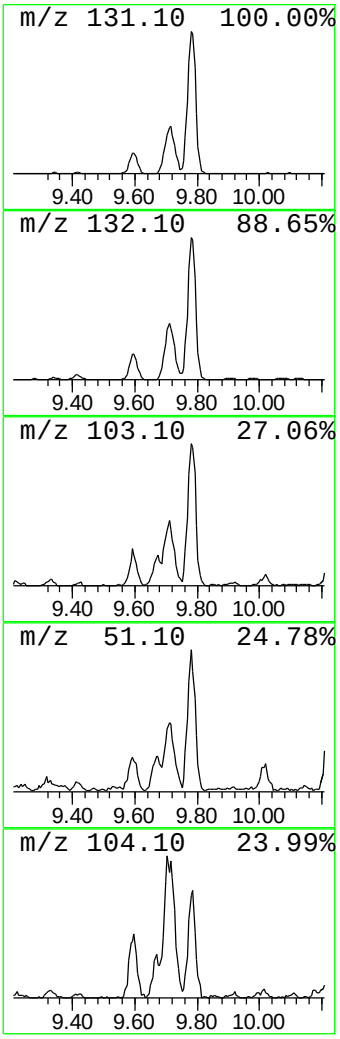
****

Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	19.46 ng/ul	1005410	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
3	Benzofuran, 3-methyl-	132	C9H8O	021535-97-7	87
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	83





Library Search Compound Report

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Operator : UM/SJ
Sample : H6040-11
Misc :
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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

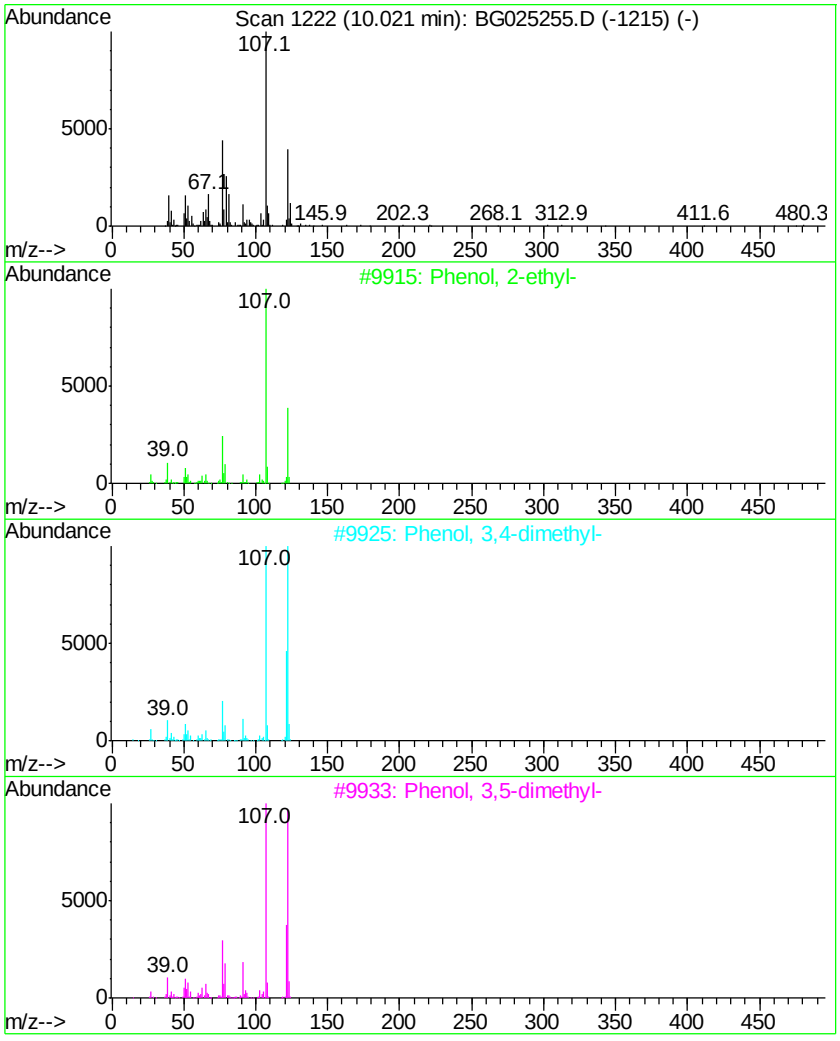
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

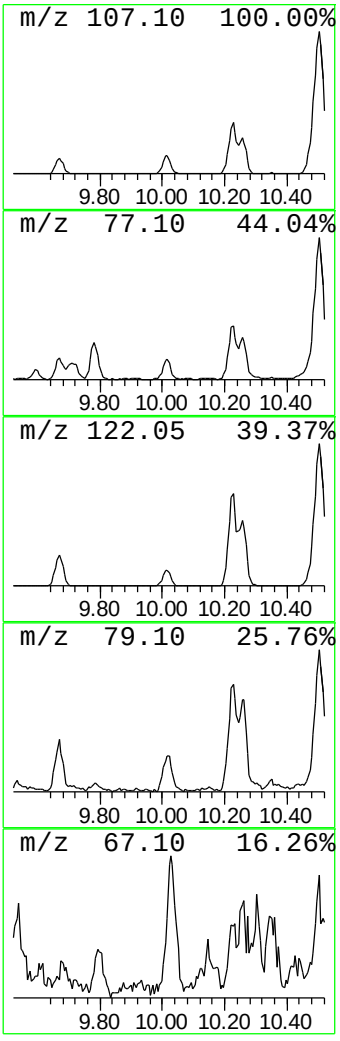
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	11.06 ng/ul	571251	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	83
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	83
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	81
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	80





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Misc :
ALS Vial : 10 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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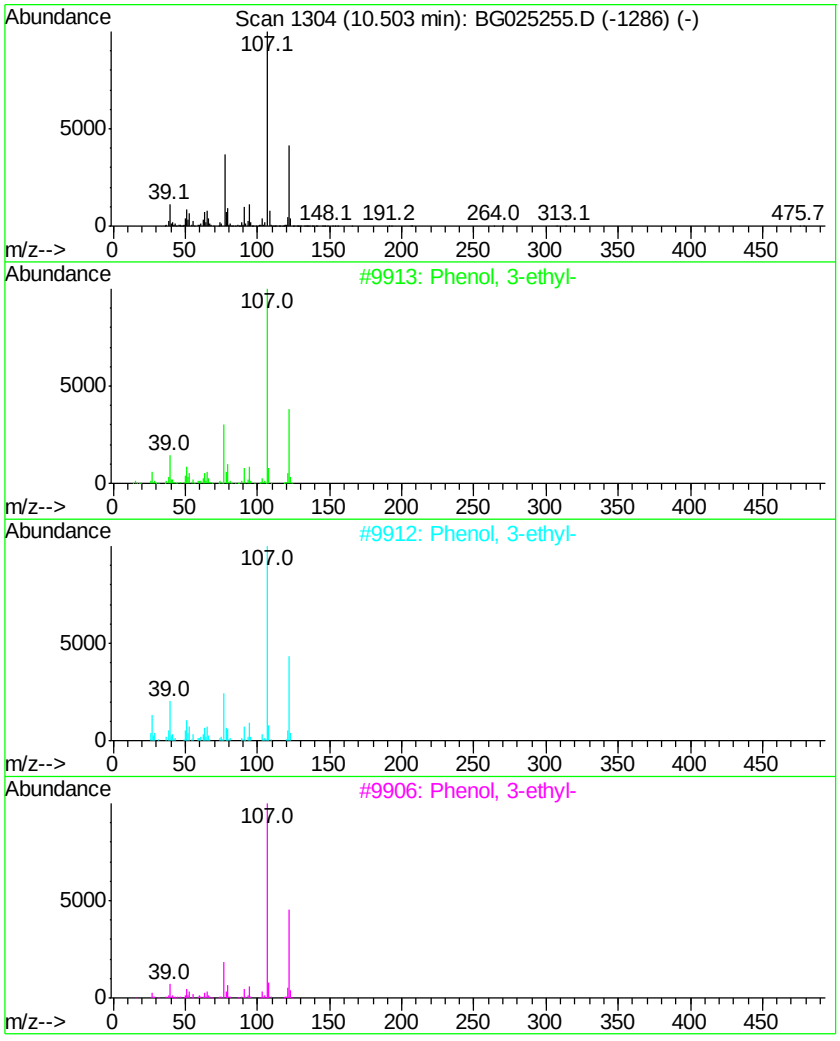
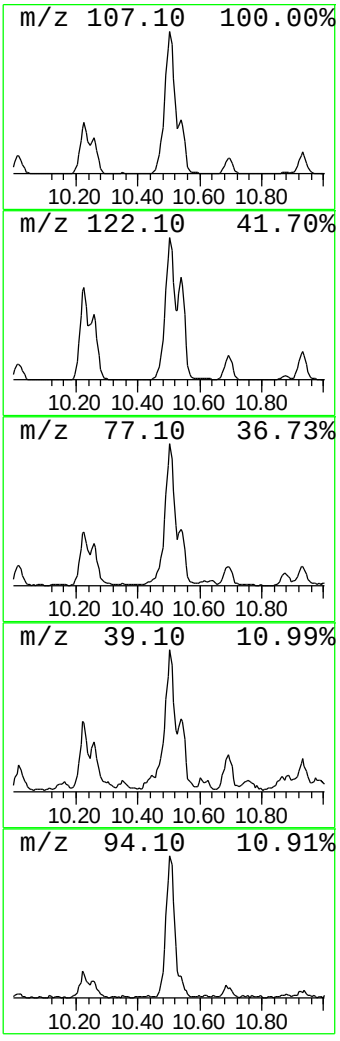
Peak Number 9 Phenol, 3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	112.49 ng/ul	5810670	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	94
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	83
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	83





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Sample : H6040-11
Misc :
ALS Vial : 10 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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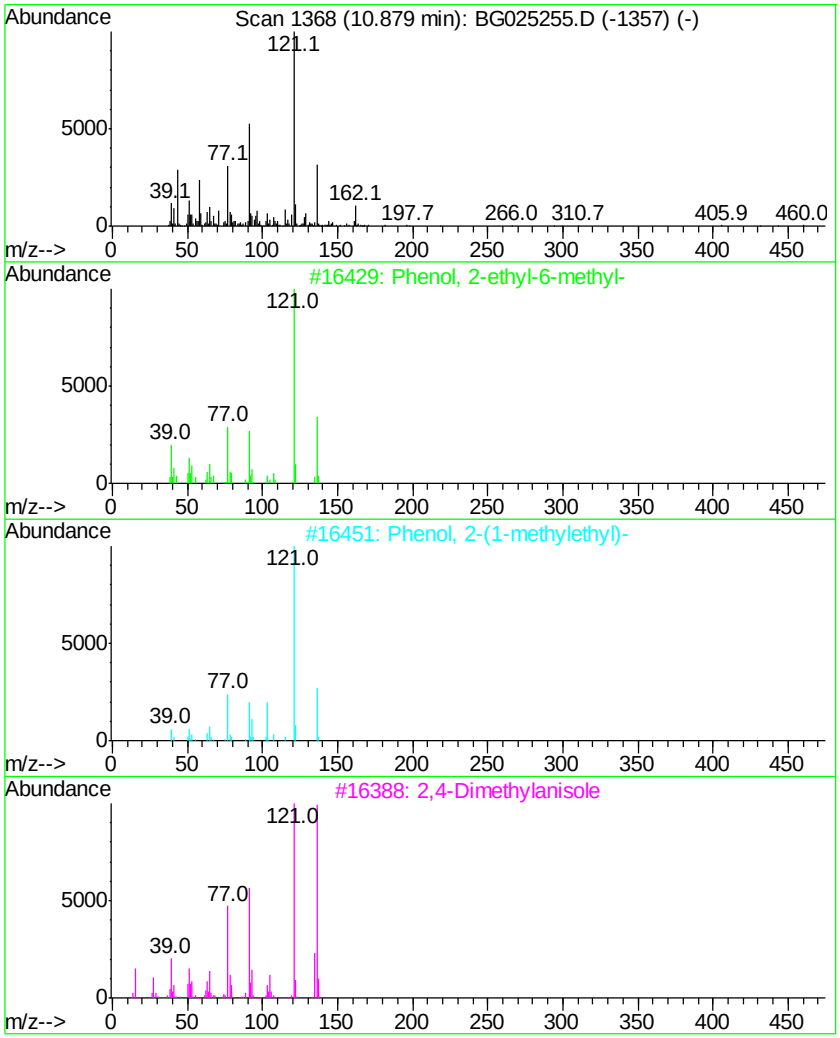
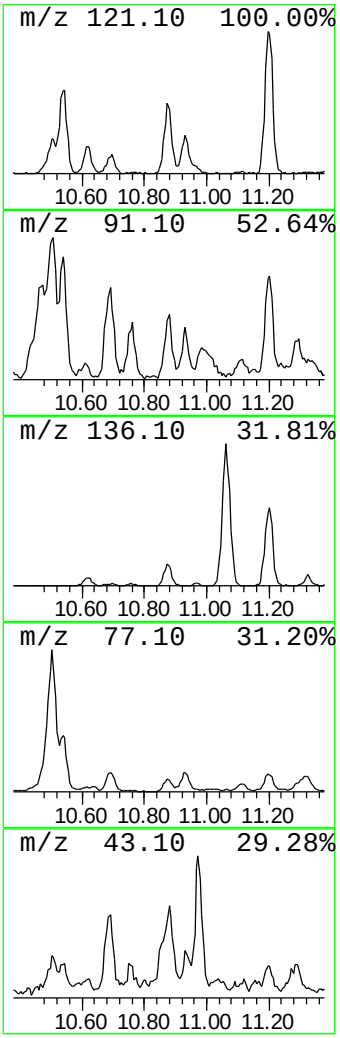
Peak Number 11 Phenol, 2-ethyl-6-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	17.13 ng/ul	885029	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	89
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	68
3	2,4-Dimethylanisole	136	C9H12O	006738-23-4	64
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	64
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	64





Library Search Compound Report

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Sample : H6040-11
Misc :
ALS Vial : 10 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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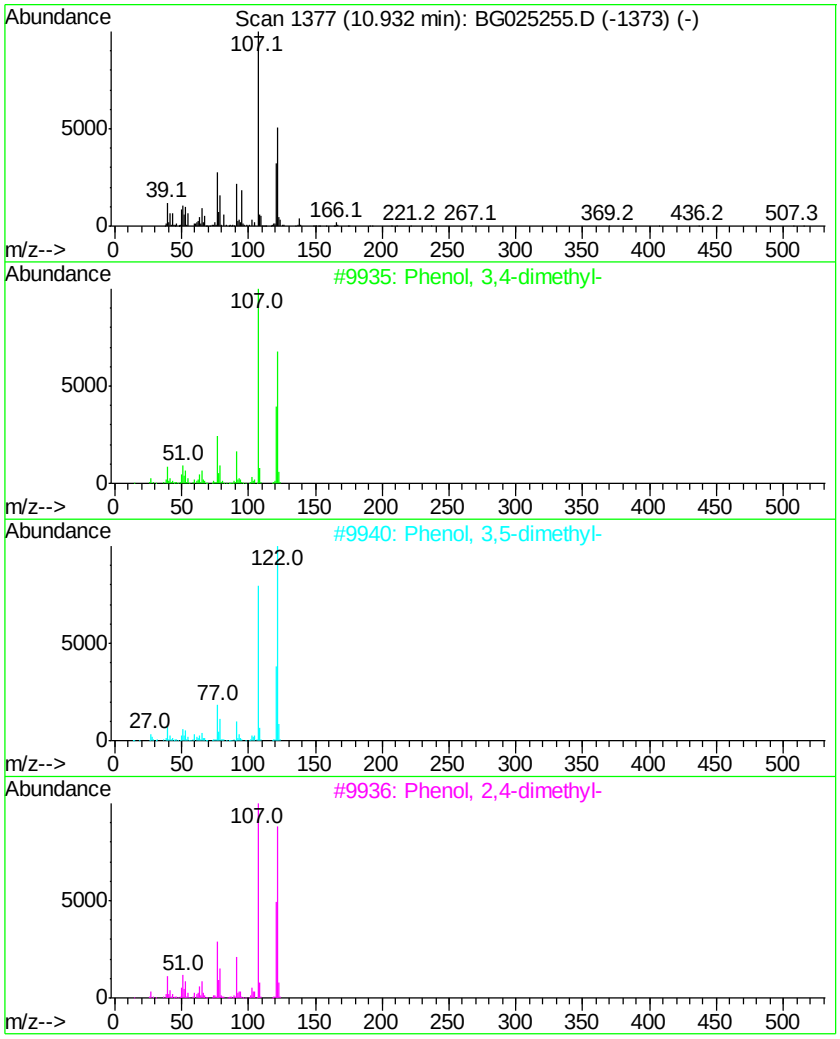
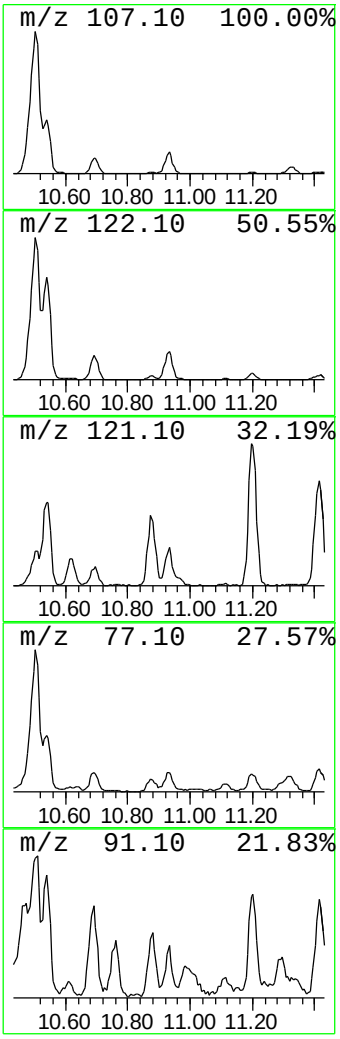
Peak Number 12 Phenol, 3,4-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	15.57 ng/ul	804361	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	87
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	83





Library Search Compound Report

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Misc :
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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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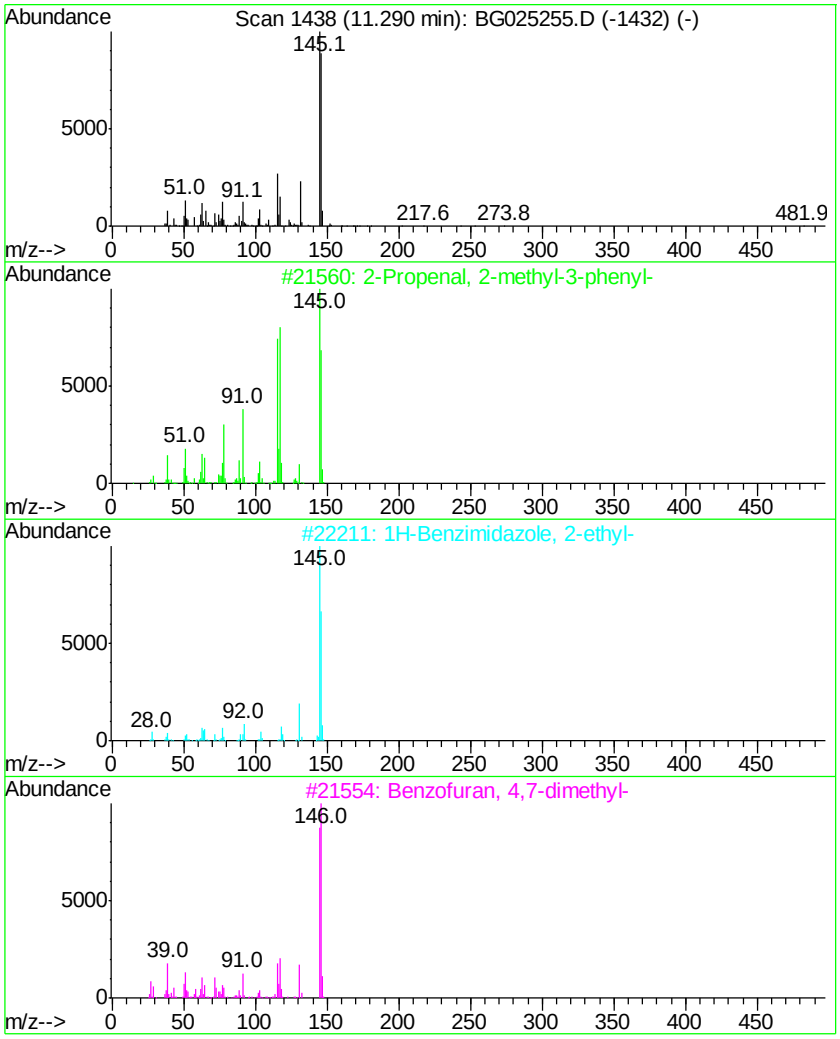
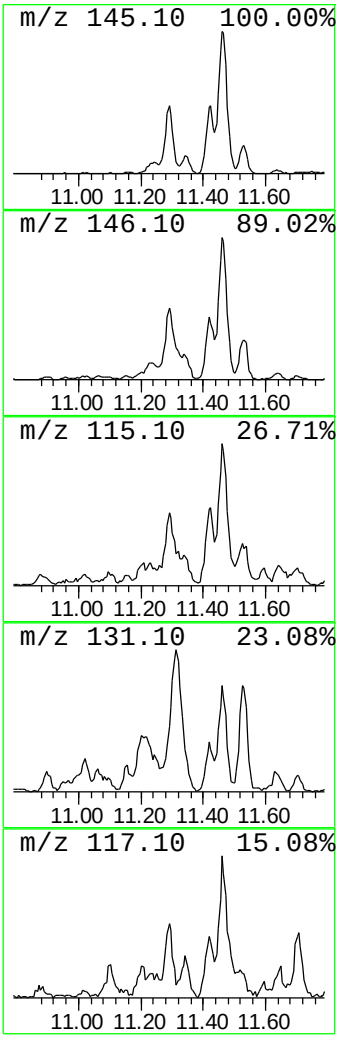
Peak Number 13 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	34.72 ng/ul	1793550	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	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	58
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	58
5	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	53





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Sample : H6040-11
Misc :
ALS Vial : 10 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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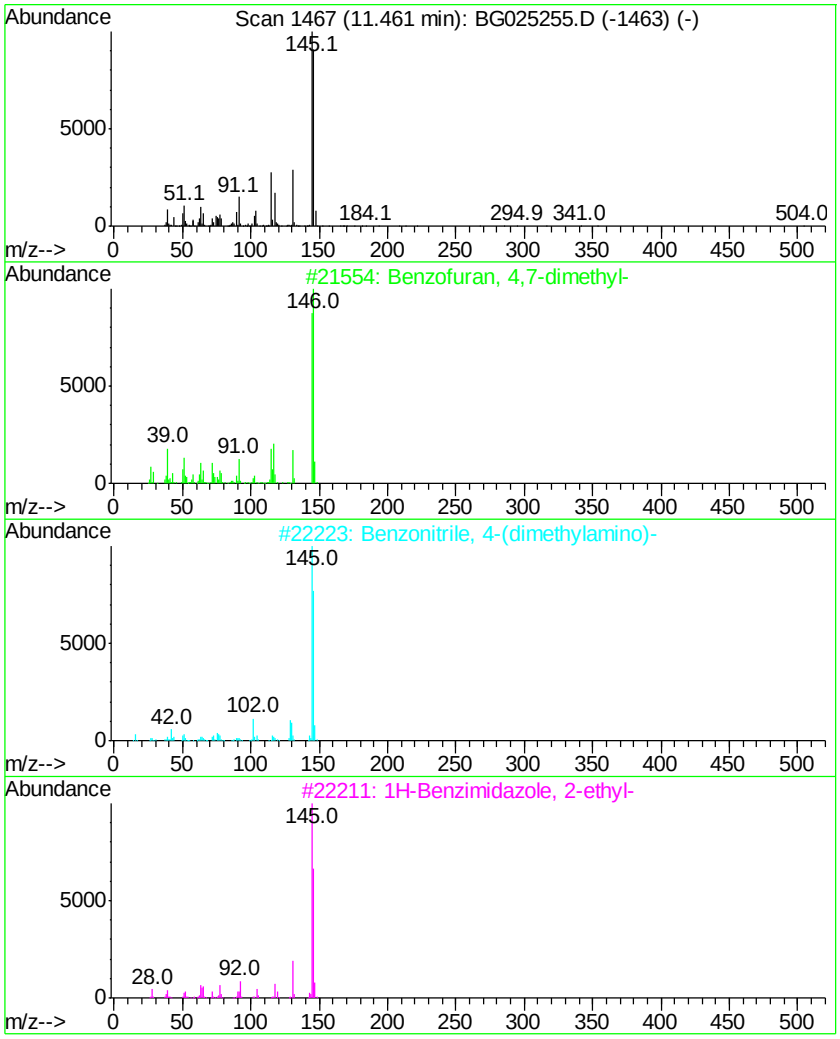
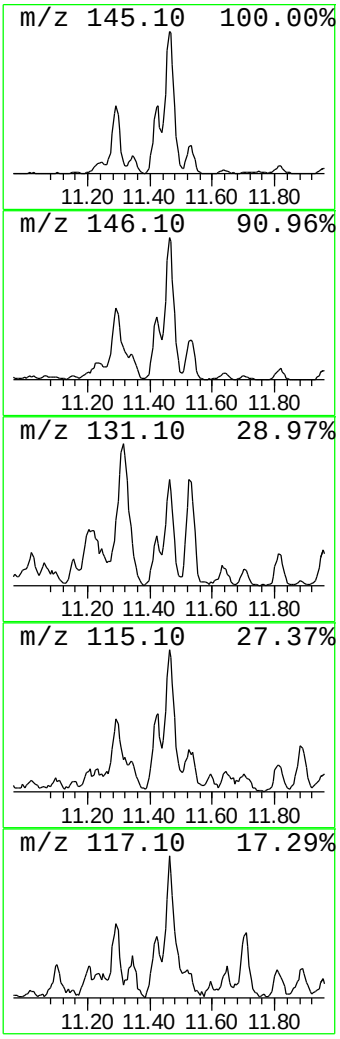
Peak Number 15 Benzofuran, 4,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	40.33 ng/ul	2082950	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	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	53
4	Cinnamaldehyde, .beta.-methyl-	146	C10H10O	001196-67-4	50
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	50





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Sample : H6040-11
Misc :
ALS Vial : 10 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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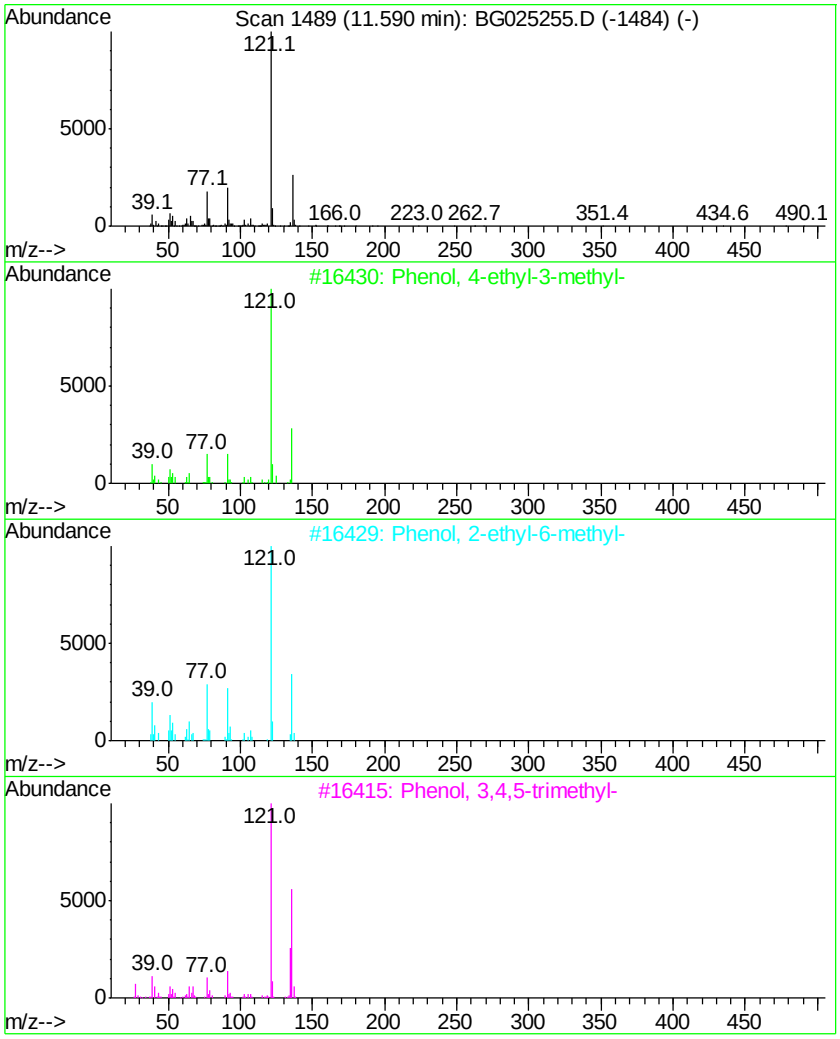
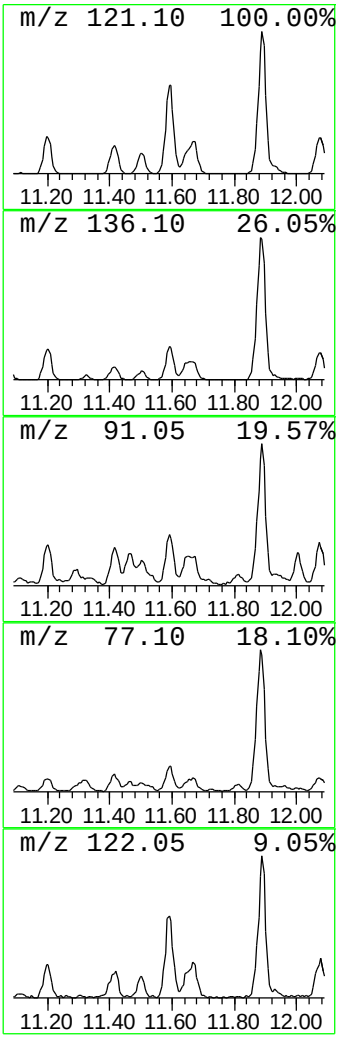
Peak Number 16 Phenol, 4-ethyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	26.97 ng/ul	1393060	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	90





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Sample : H6040-11
Misc :
ALS Vial : 10 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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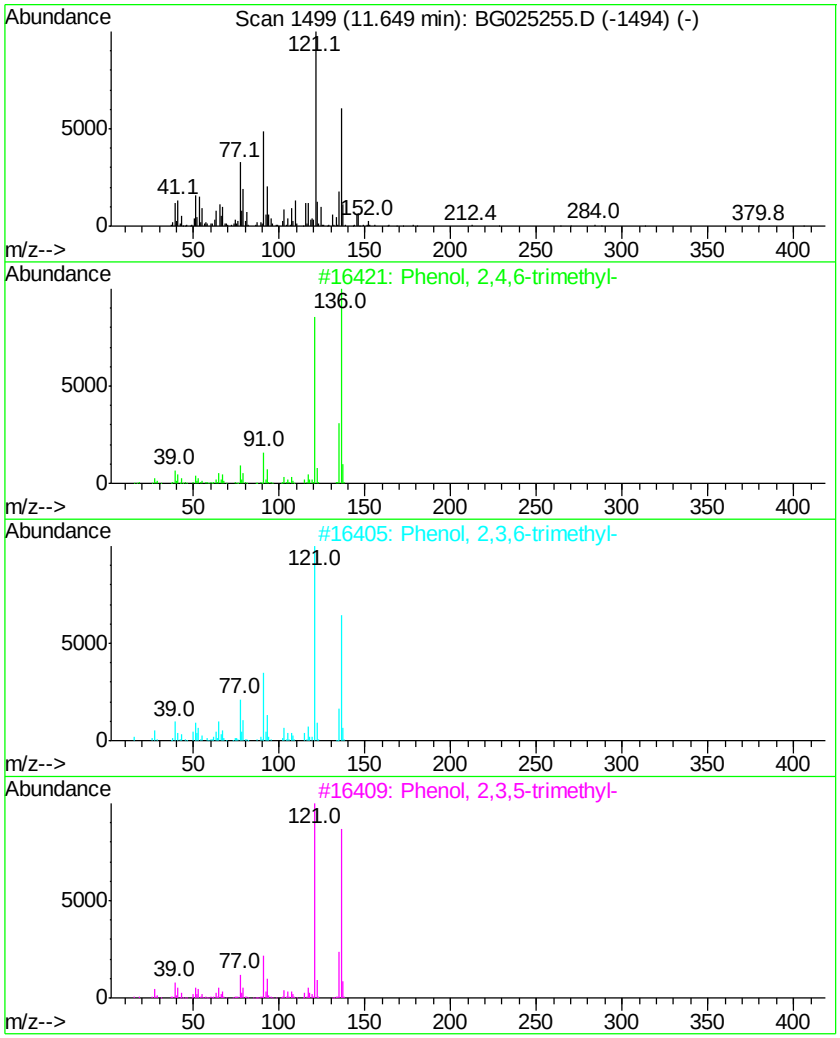
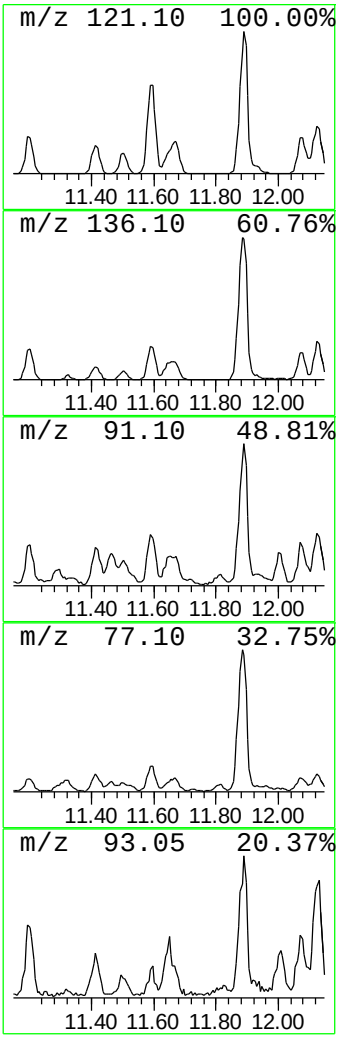
Peak Number 17 Phenol, 2,4,6-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	18.18 ng/ul	939125	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
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	87
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	87





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Sample : H6040-11
Misc :
ALS Vial : 10 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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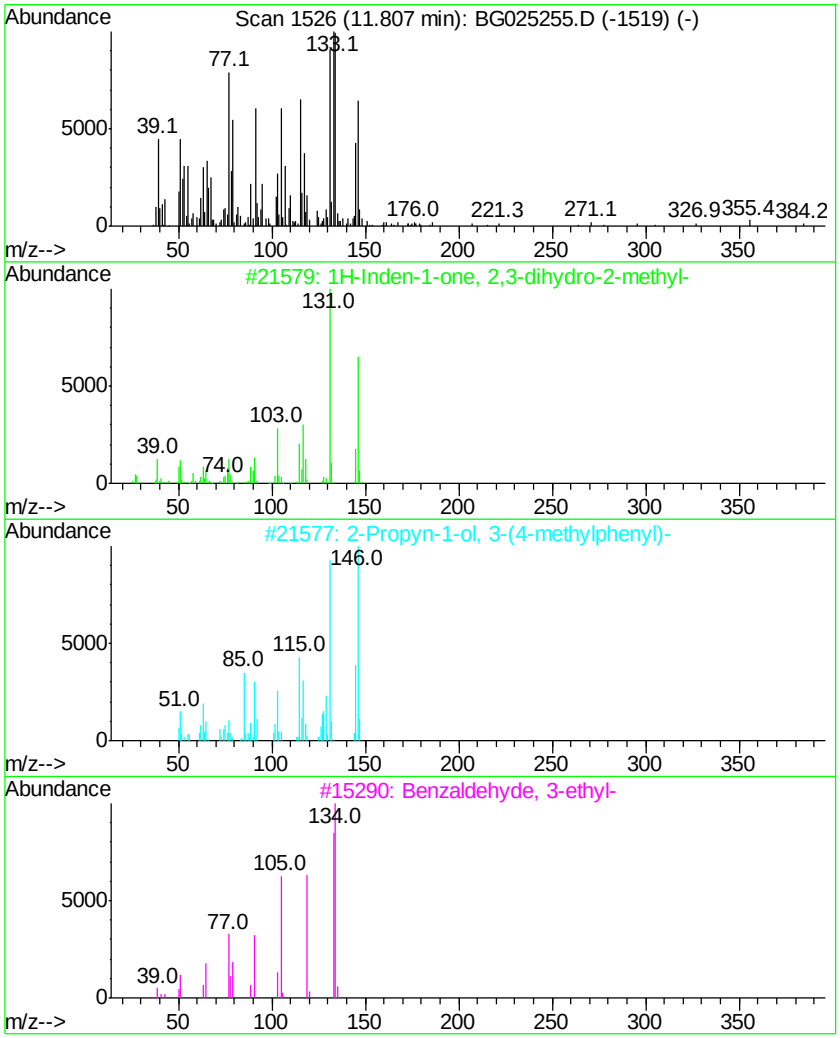
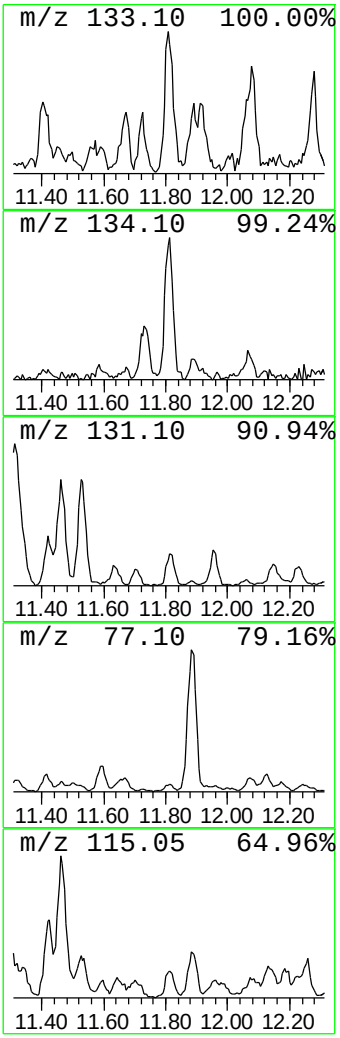
Peak Number 18 unknown-01 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	11.44 ng/ul	591049	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	47
2	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	42
3	Benzaldehyde, 3-ethyl-	134	C9H10O	034246-54-3	41
4	Benzaldehyde, 3,5-dimethyl-	134	C9H10O	005779-95-3	41
5	1,4-Benzenedicarboxaldehyde	134	C8H6O2	000623-27-8	38





Library Search Compound Report

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Misc :
ALS Vial : 10 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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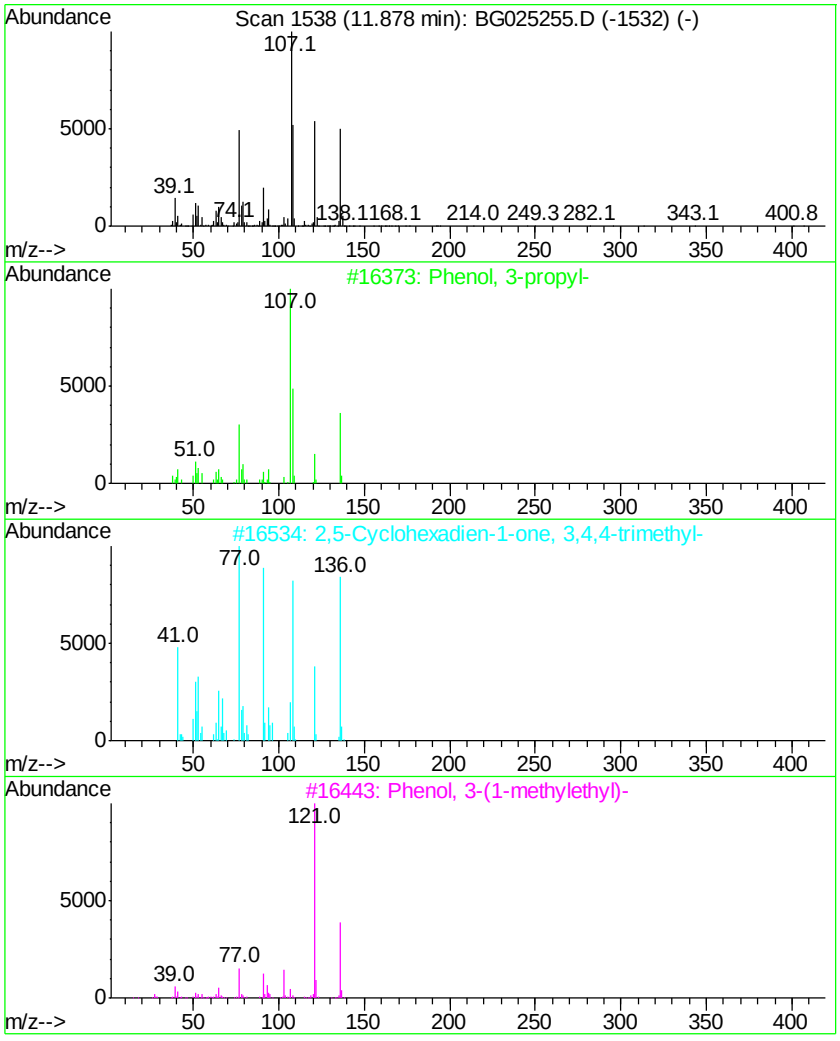
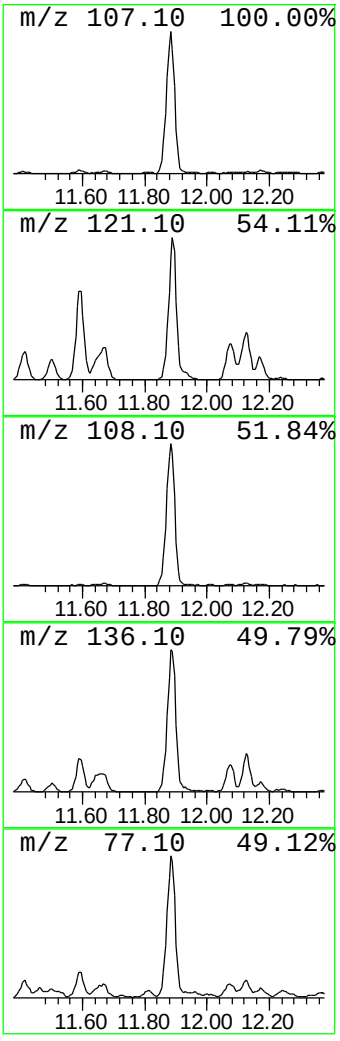
Peak Number 19 Phenol, 3-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	132.59 ng/ul	6848830	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	91
2	2,5-Cyclohexadien-1-one, 3,4,4-t...	136	C9H12O	017429-31-1	52
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	46
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	46
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	41





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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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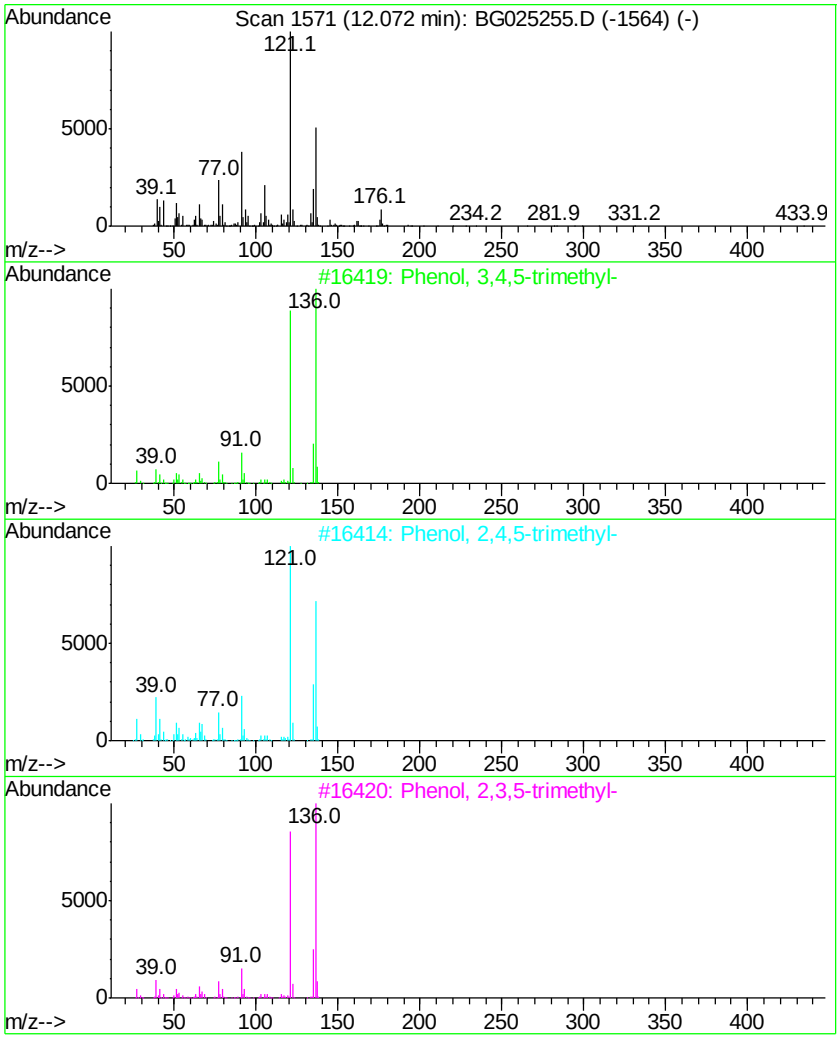
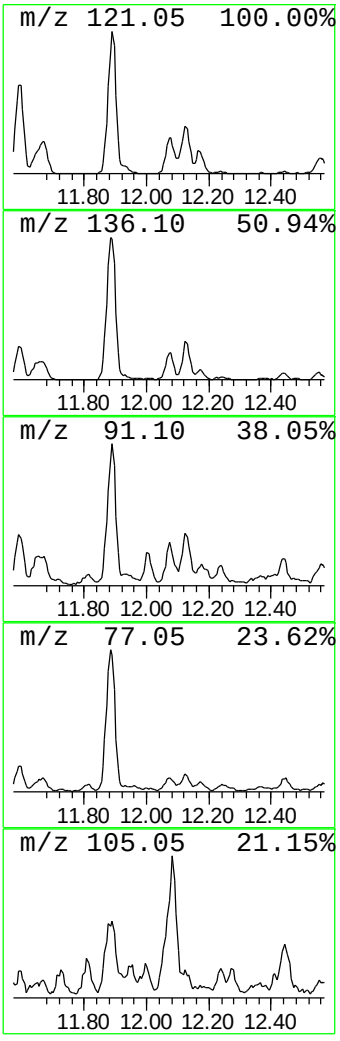
Peak Number 20 Phenol, 3,4,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	29.41 ng/ul	1519250	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	94
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	87
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	81
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	81





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Sample : H6040-11
Misc :
ALS Vial : 10 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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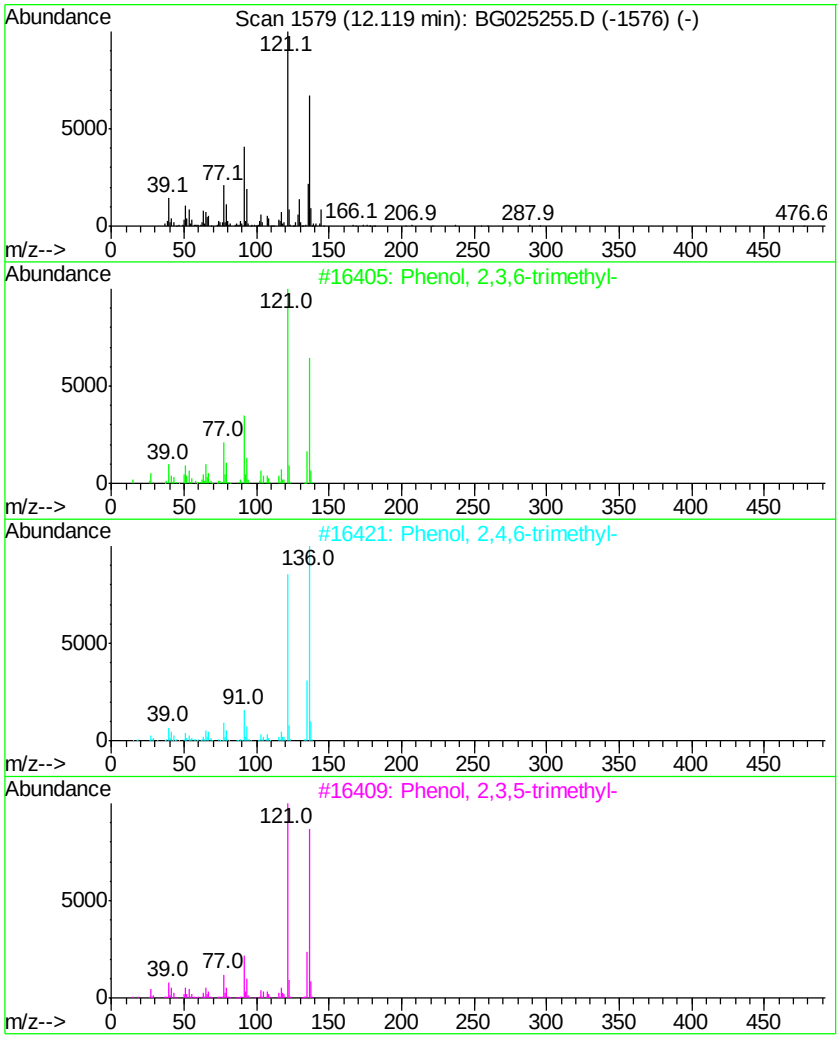
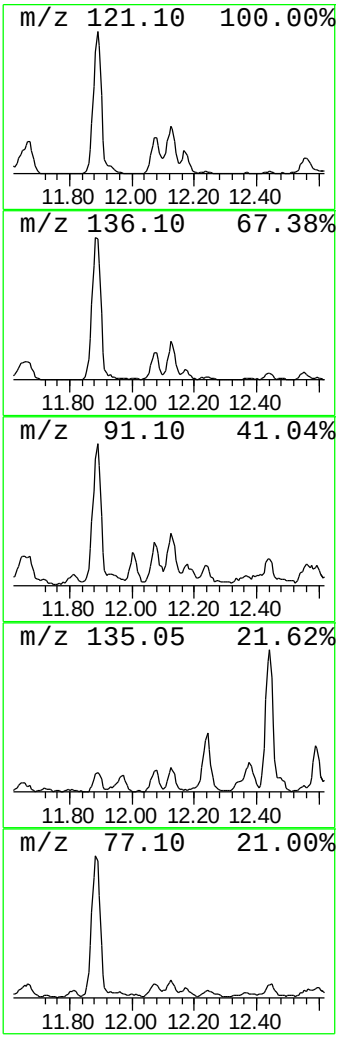
Peak Number 21 Phenol, 2,3,6-trimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	17.55 ng/ul	906665	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	94
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94





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Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 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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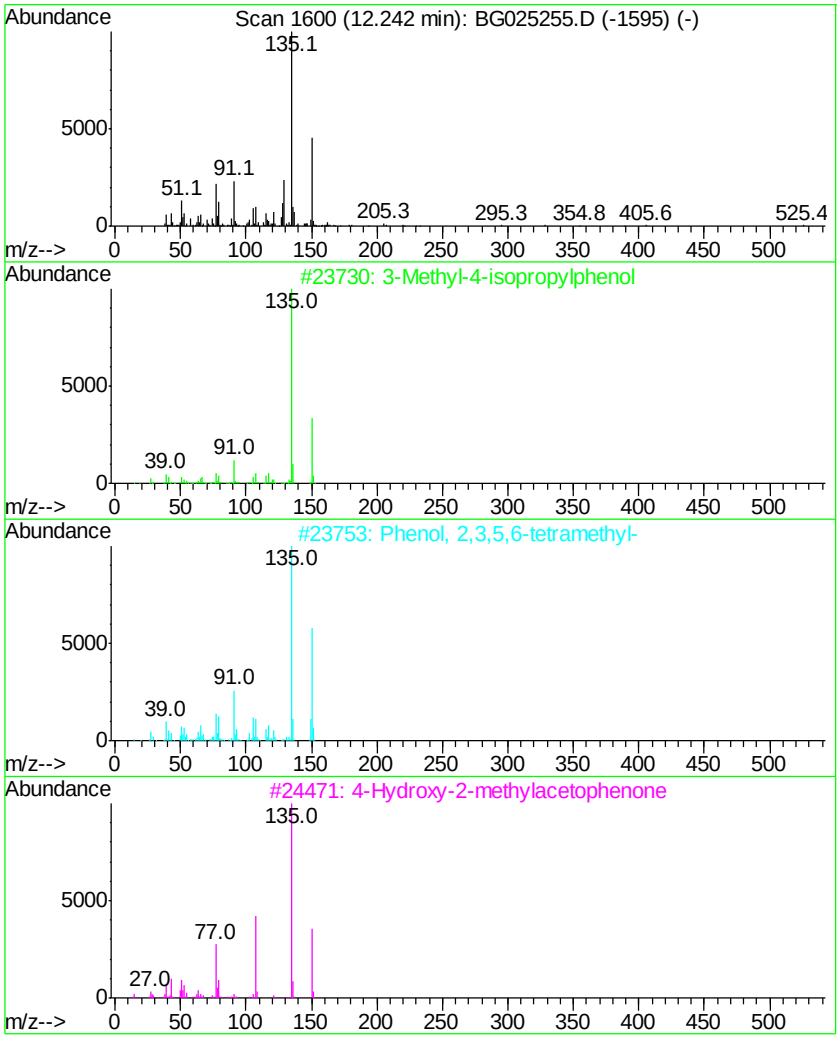
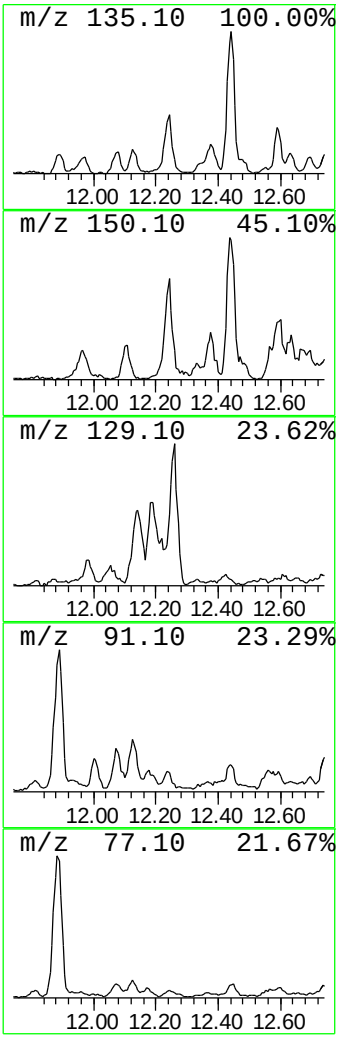
Peak Number 22 3-Methyl-4-isopropylphenol Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	16.52 ng/ul	853435	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	81
2	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	68
3	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	64
4	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	64
5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	64





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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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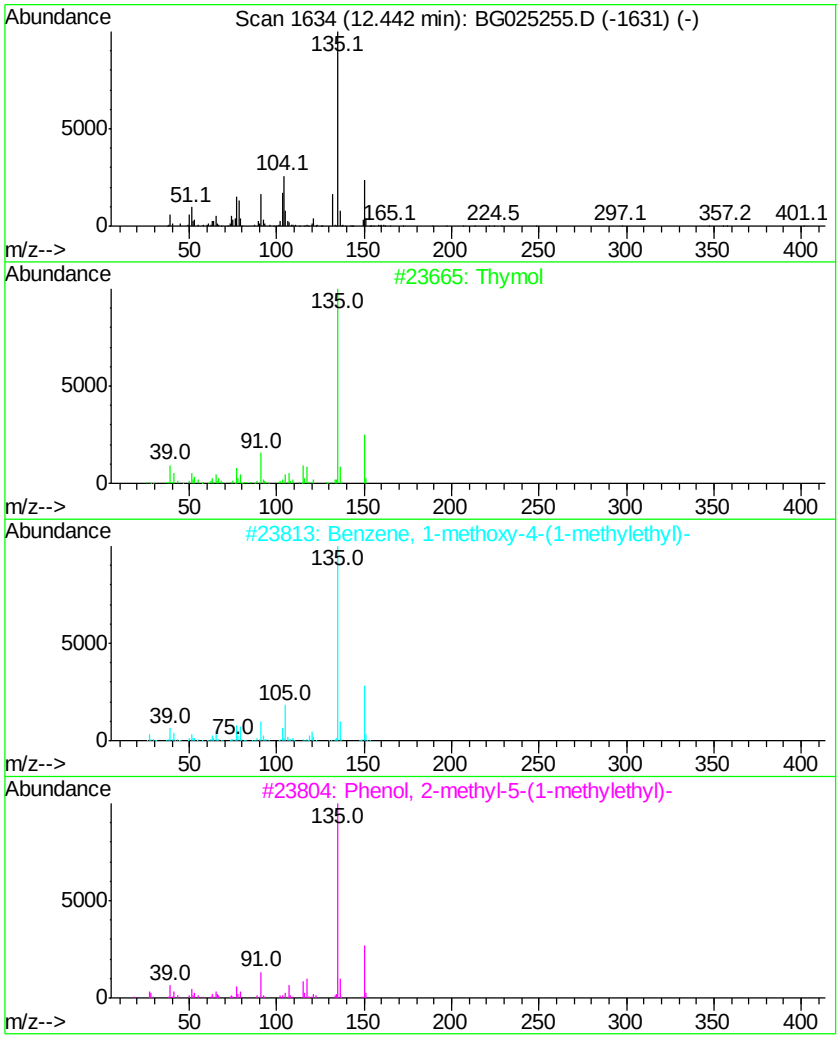
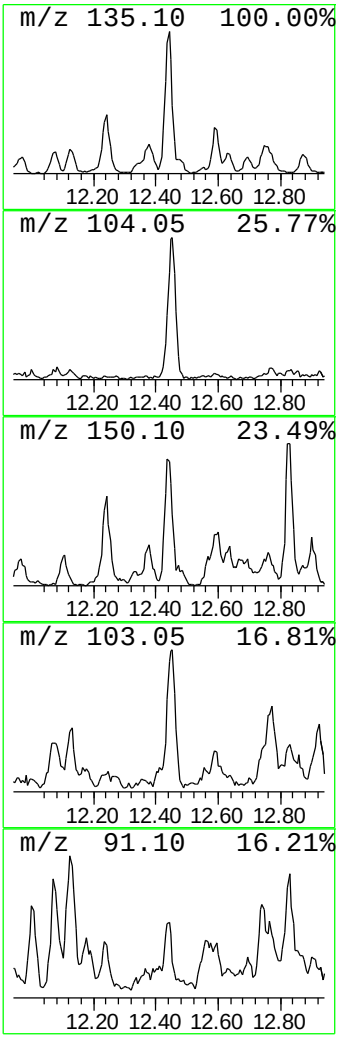
Peak Number 23 Thymol Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	19.44 ng/ul	1004300	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thymol	150	C10H14O	000089-83-8	64
2	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	59
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	59
4	Phenol, 2-methyl-5-(1-methylethy...	192	C12H16O2	006380-28-5	59
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	53





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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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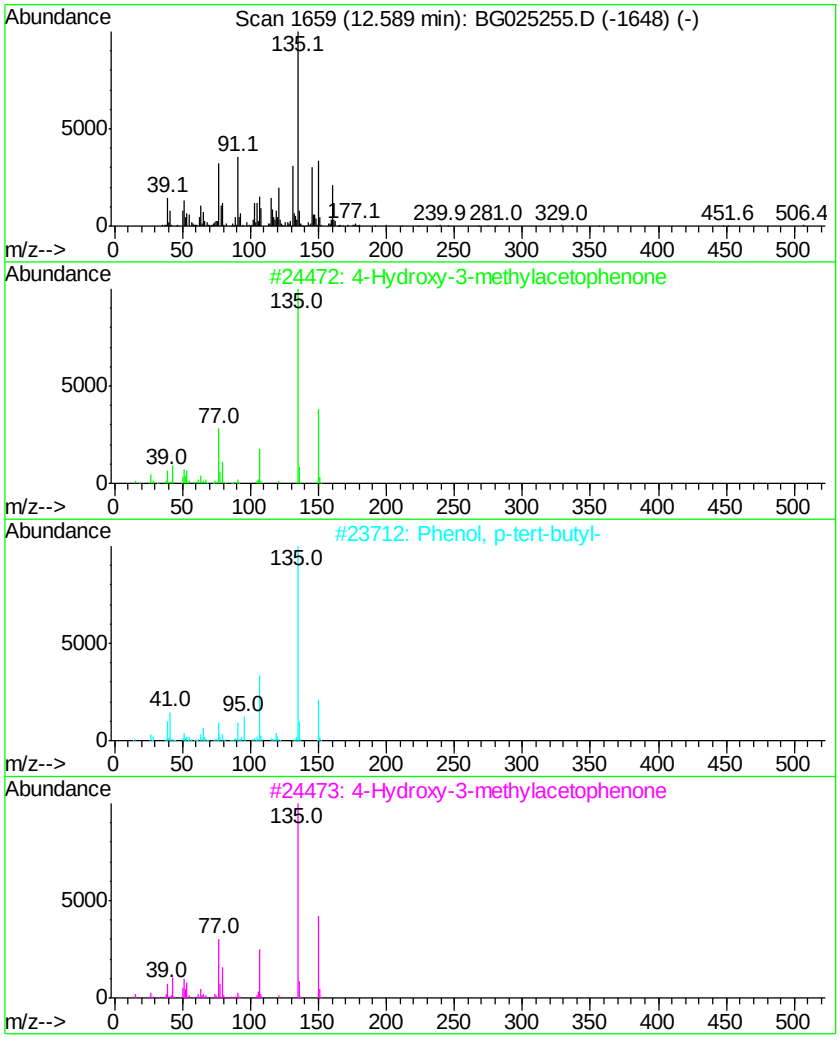
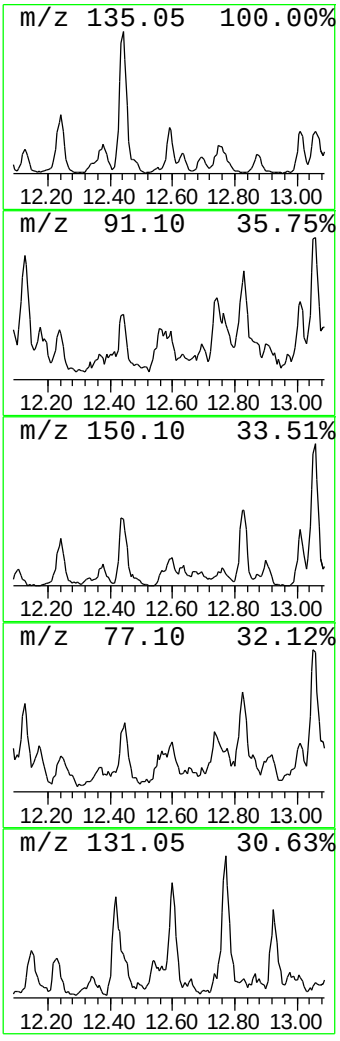
Peak Number 24 4-Hydroxy-3-methylacetophenone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	22.72 ng/ul	1173510	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	55
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	49
3	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	49
4	3-Methoxyacetophenone	150	C9H10O2	000586-37-8	49
5	4-Acetylanisole	150	C9H10O2	000100-06-1	49





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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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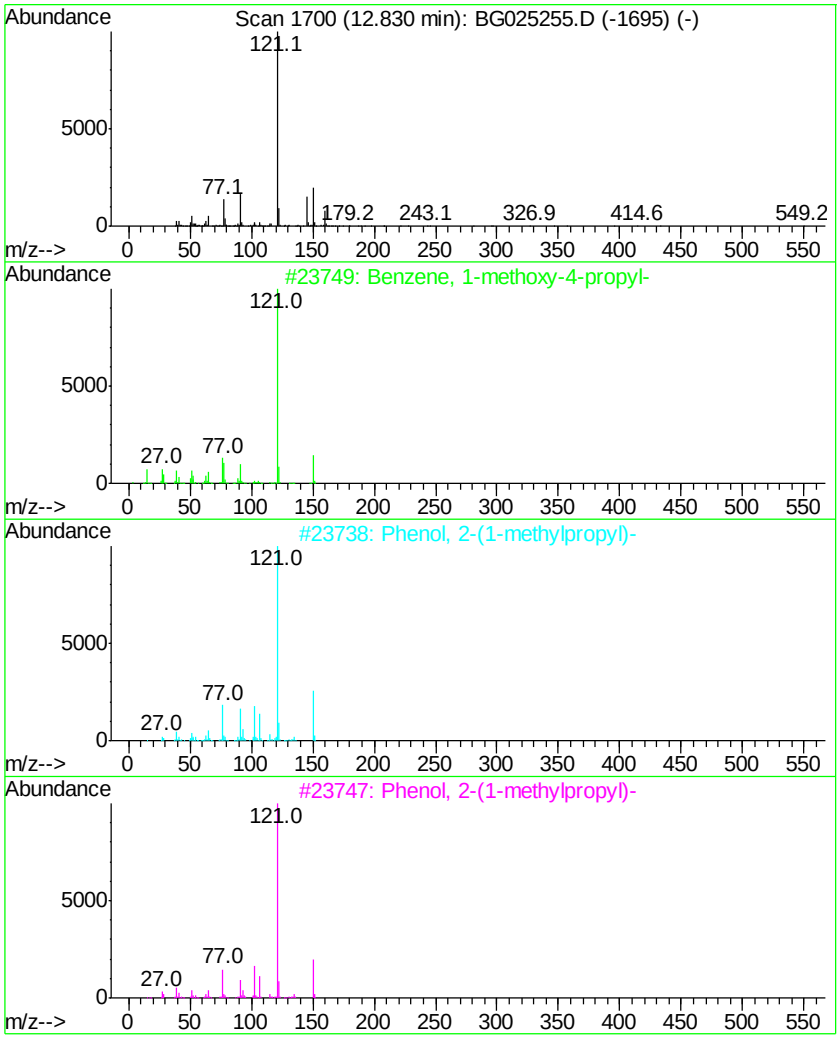
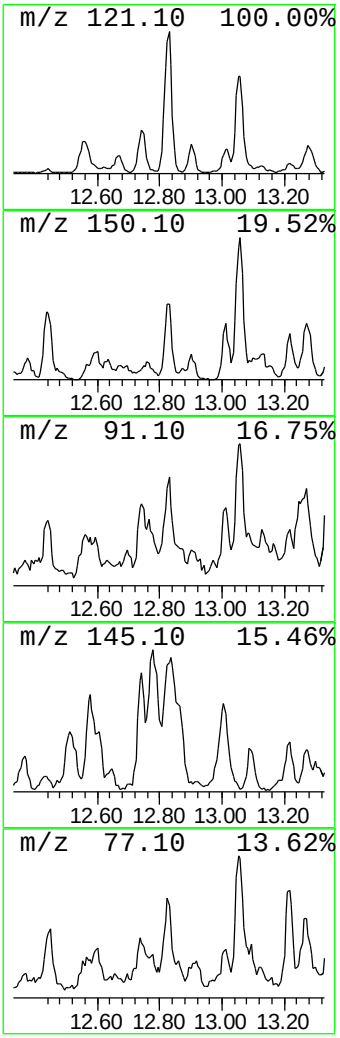
Peak Number 25 Benzene, 1-methoxy-4-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	35.87 ng/ul	1852830	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	80
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	80
3	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	80
4	Fenobucarb	207	C12H17NO2	003766-81-2	72
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	72





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Sample : H6040-11
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ALS Vial : 10 Sample Multiplier: 1

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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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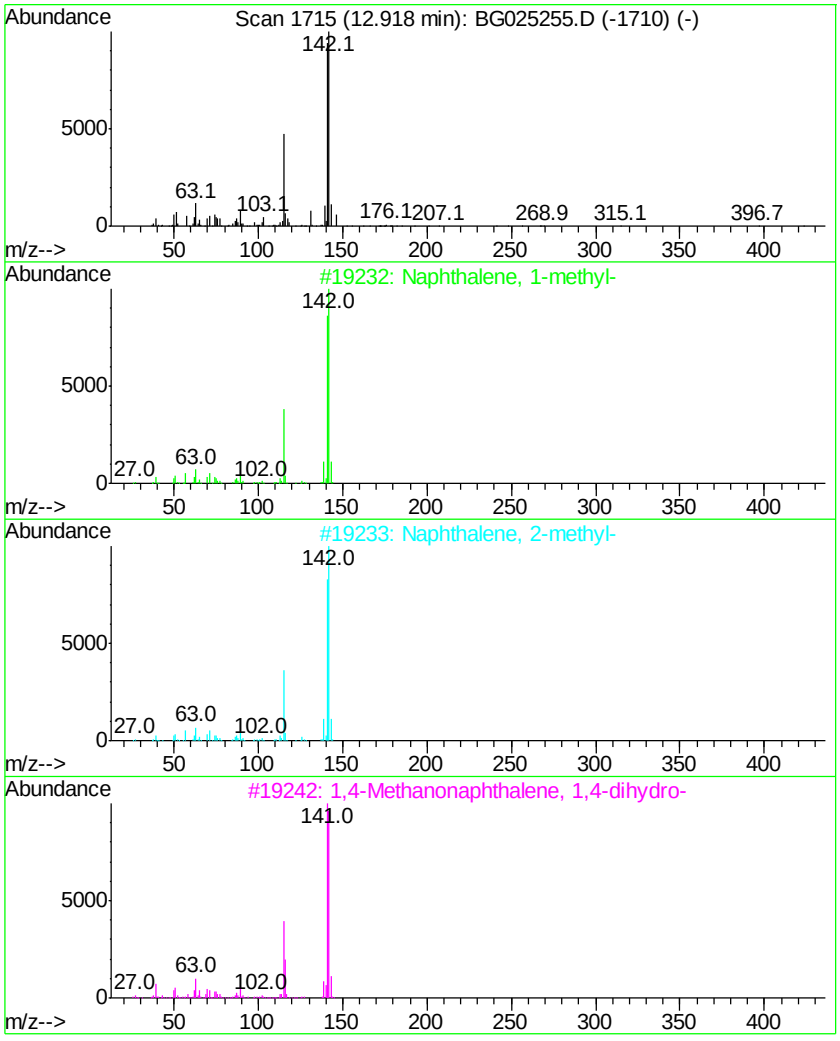
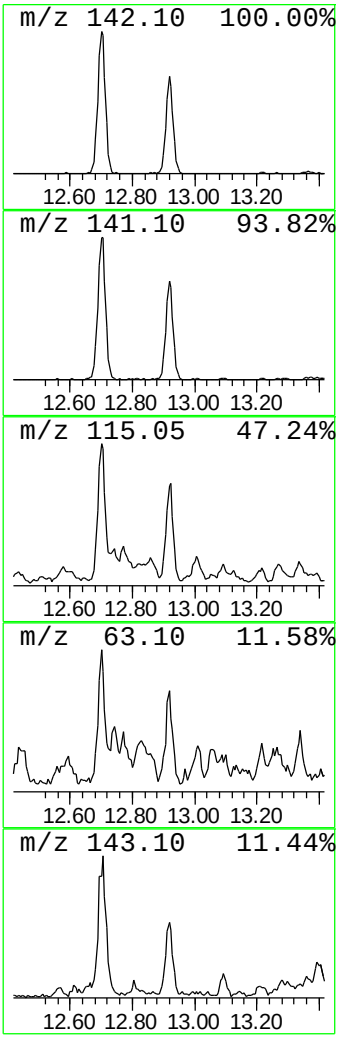
Peak Number 26 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	26.96 ng/ul	1392410	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90





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Sample : H6040-11
Misc :
ALS Vial : 10 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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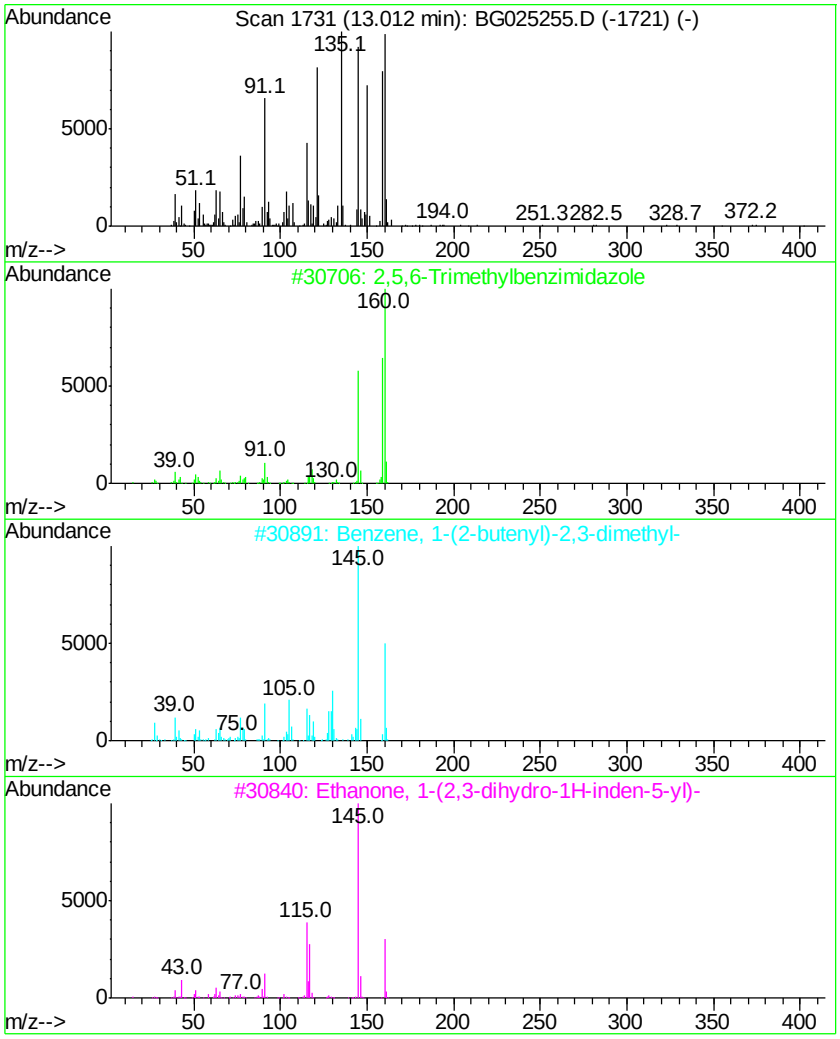
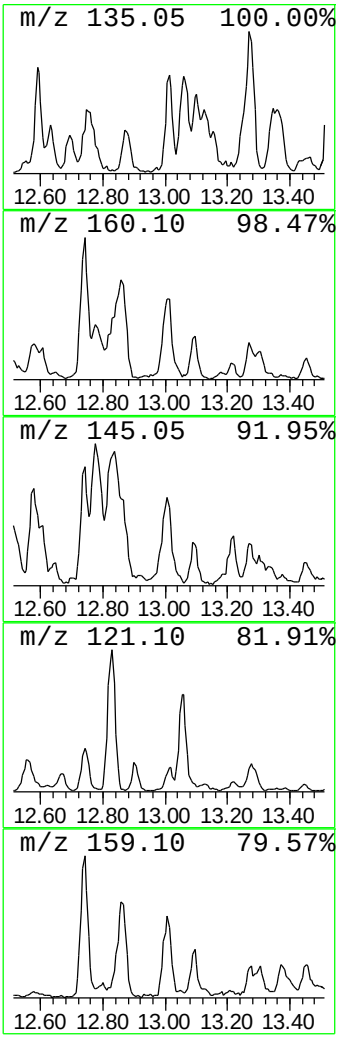
Peak Number 27 2,5,6-Trimethylbenzimidazole Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	18.28 ng/ul	1116910	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	50
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	30
3	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	30
4	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	30
5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	25





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Sample : H6040-11
Misc :
ALS Vial : 10 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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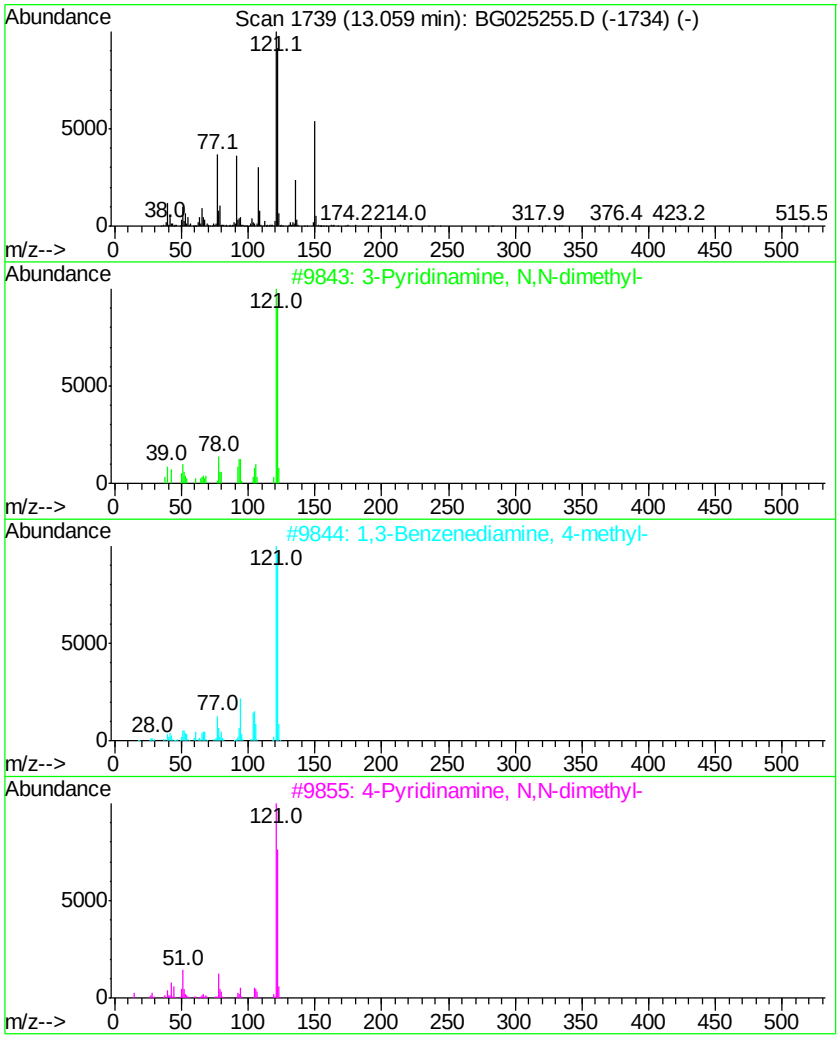
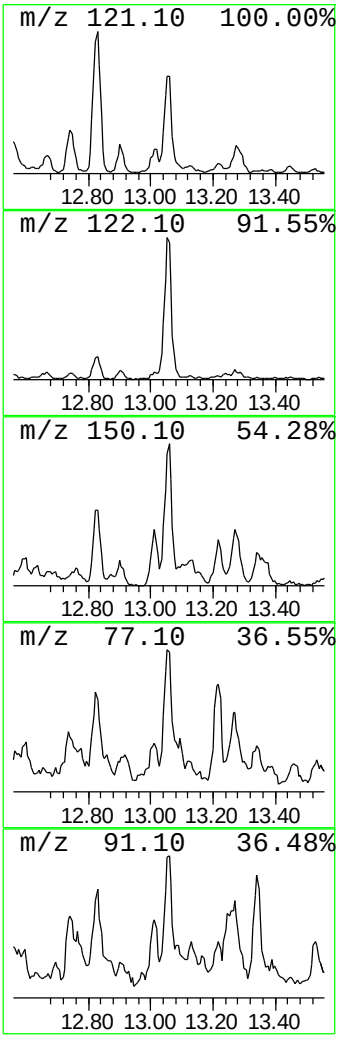
Peak Number 28 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	20.58 ng/ul	1256970	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinamine, N,N-dimethyl-	122	C7H10N2	018437-57-5	49
2	1,3-Benzenediamine, 4-methyl-	122	C7H10N2	000095-80-7	47
3	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	47
4	4-Methyl-2-propylphenol	150	C10H14O	004074-46-8	43
5	1,3-Benzodioxole	122	C7H6O2	000274-09-9	43





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Misc :
ALS Vial : 10 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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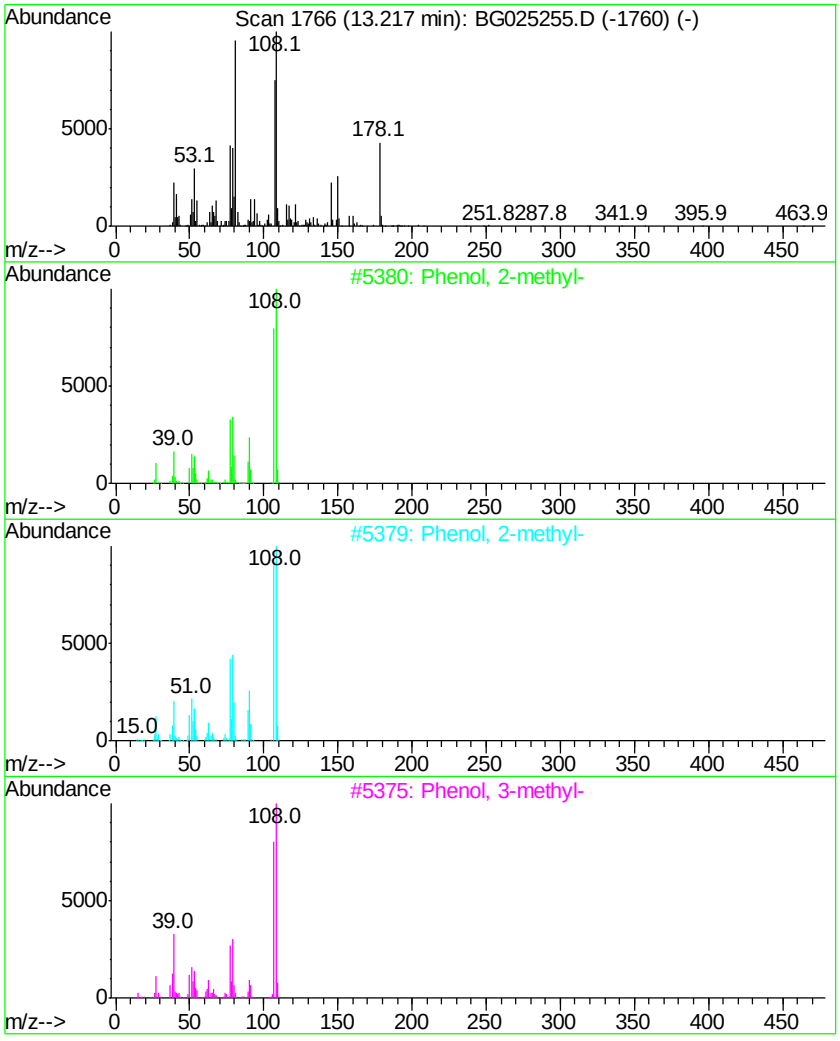
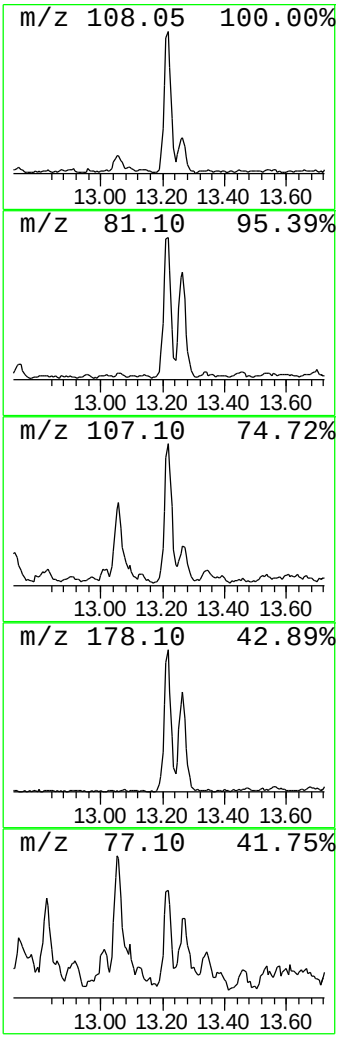
Peak Number 29 Phenol, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	25.02 ng/ul	1528690	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-	108	C7H8O	000095-48-7	55
2	Phenol, 2-methyl-	108	C7H8O	000095-48-7	49
3	Phenol, 3-methyl-	108	C7H8O	000108-39-4	49
4	Phenol, 3-methyl-	108	C7H8O	000108-39-4	43
5	Phenol, 2-methyl-	108	C7H8O	000095-48-7	38





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Quant Title : SVOA CALIBRATION

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

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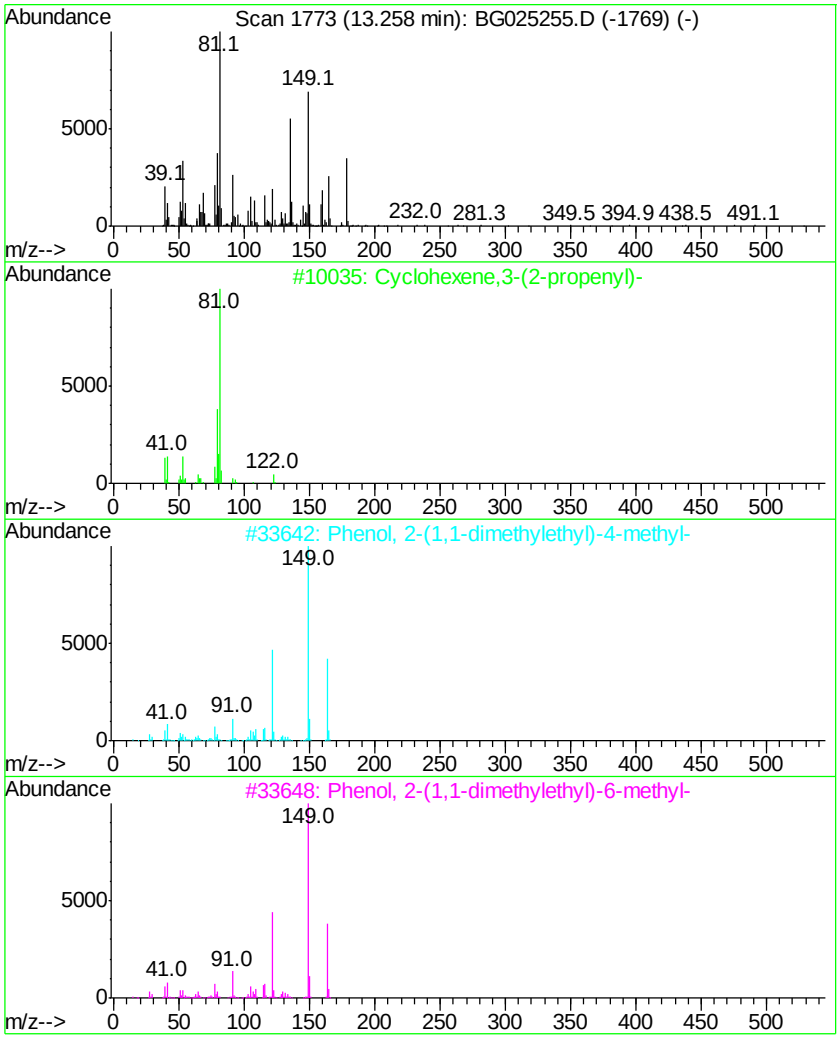
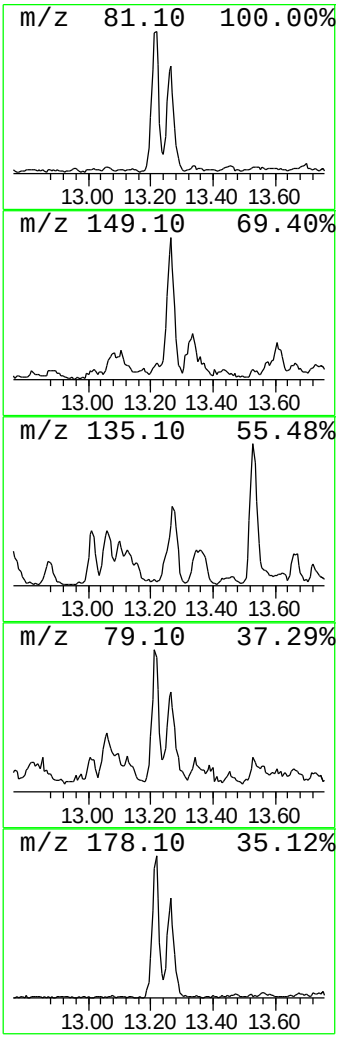
Peak Number 30 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	31.56 ng/ul	1928190	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	25
2	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	18
3	Phenol, 2-(1,1-dimethylethyl)-6-...	164	C11H16O	002219-82-1	18
4	Phenol, 2-(1,1-dimethylethyl)-6-...	164	C11H16O	002219-82-1	18
5	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	18





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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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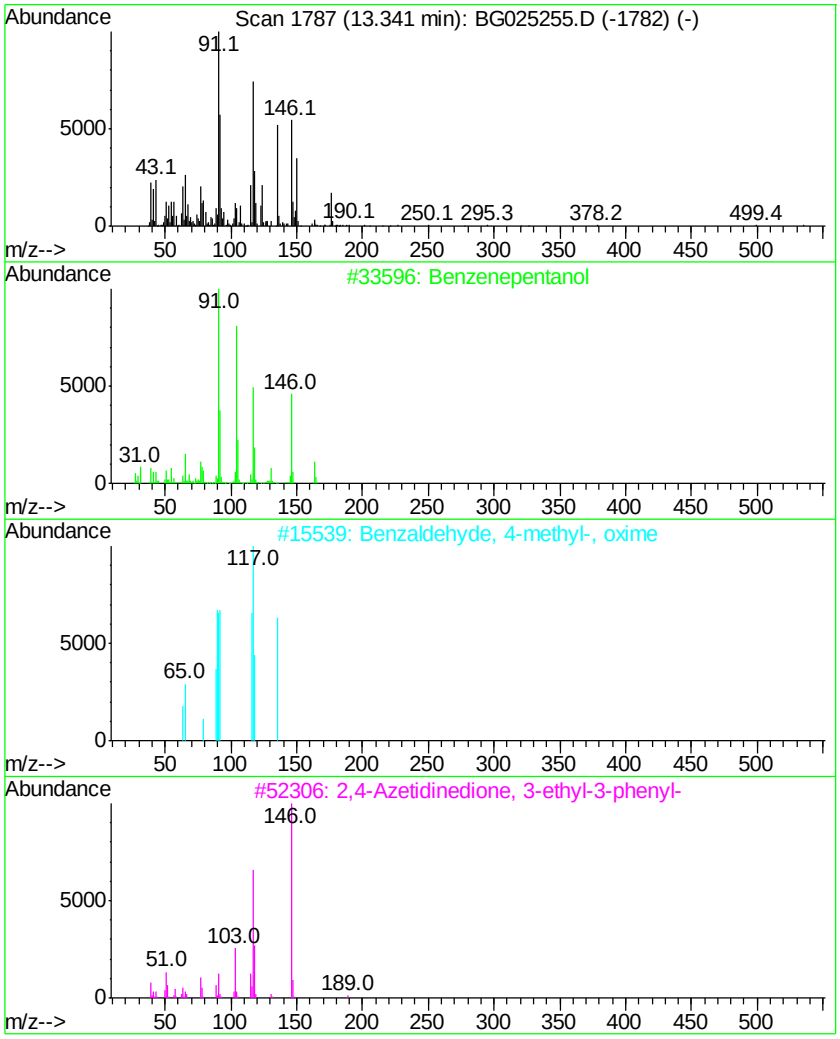
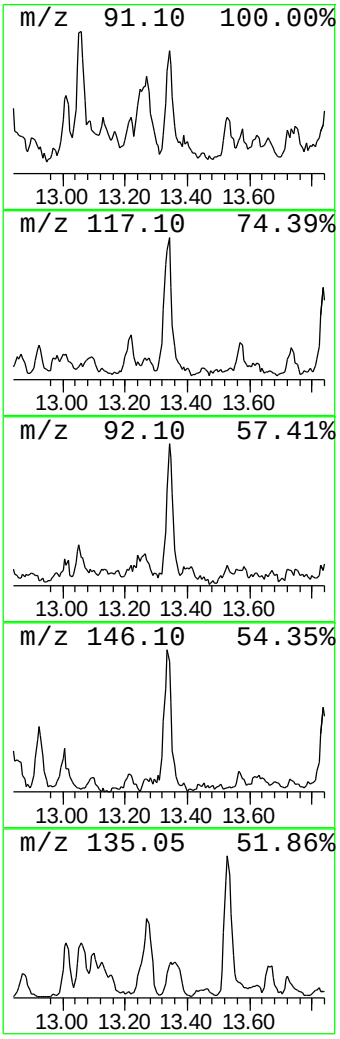
Peak Number 31 Benzenepentanol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	24.13 ng/ul	1474060	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepentanol	164	C11H16O	010521-91-2	50
2	Benzaldehyde, 4-methyl-, oxime	135	C8H9NO	003235-02-7	49
3	2,4-Azetidinedione, 3-ethyl-3-ph...	189	C11H11NO2	042282-82-6	38
4	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	38
5	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	38





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

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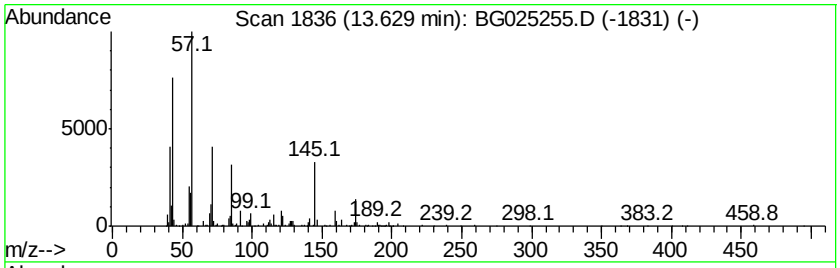
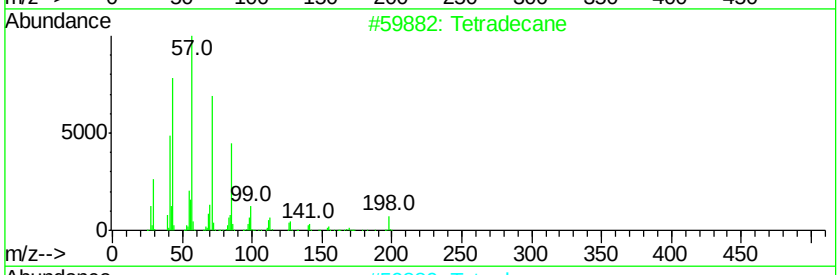
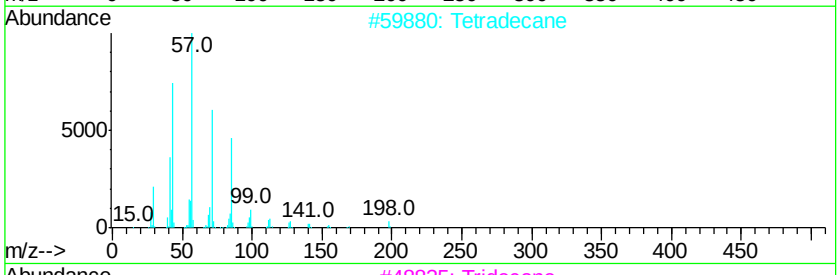
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 70

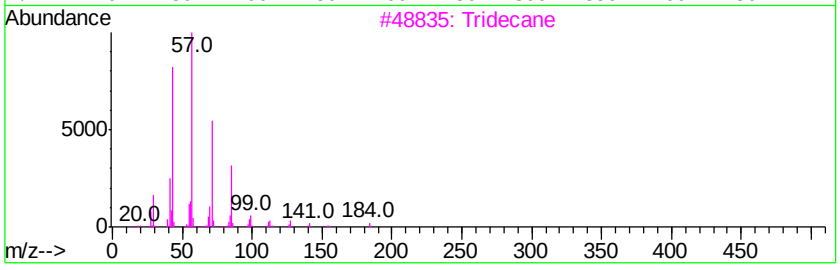
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	8.95 ng/ul	546905	Acenaphthene-d10	14.86

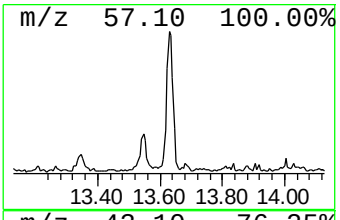
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Tetradecane	198	C14H30	000629-59-4	64
3	Tridecane	184	C13H28	000629-50-5	52
4	Hexadecane	226	C16H34	000544-76-3	52
5	Tridecane	184	C13H28	000629-50-5	50

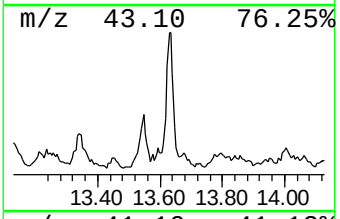


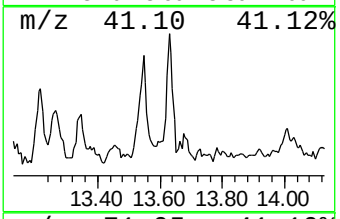


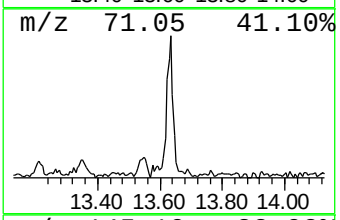


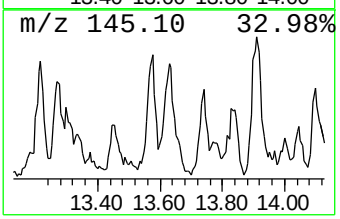












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

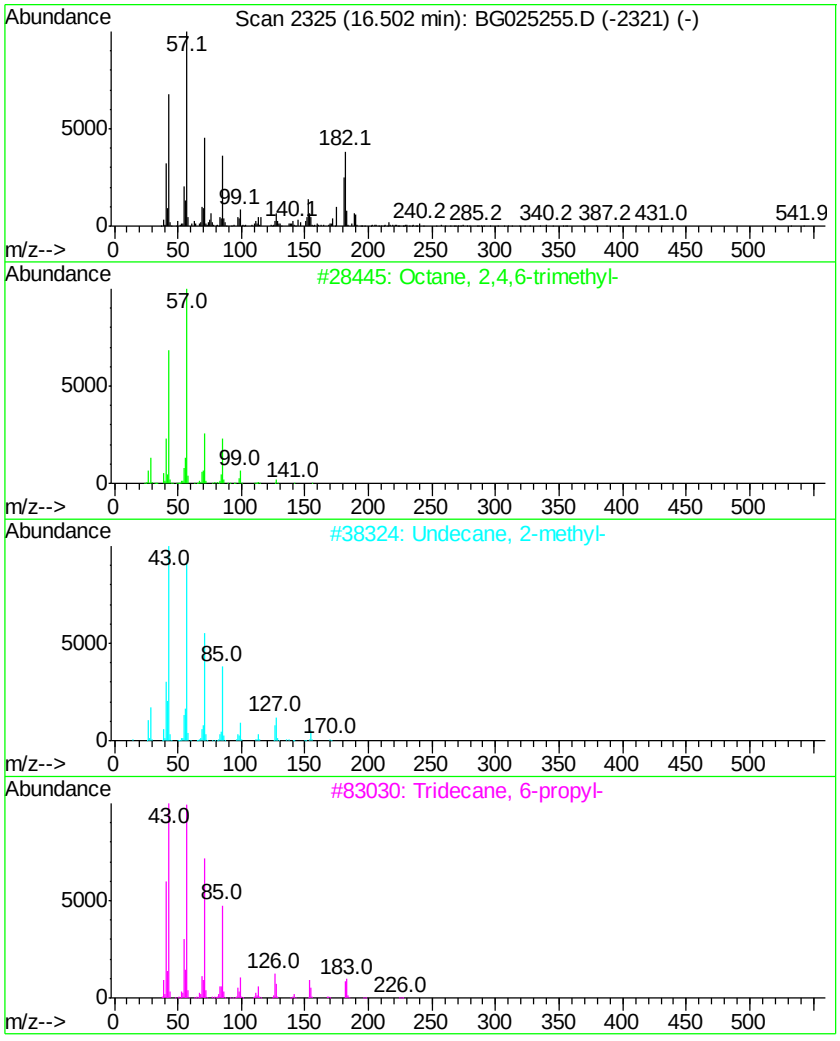
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

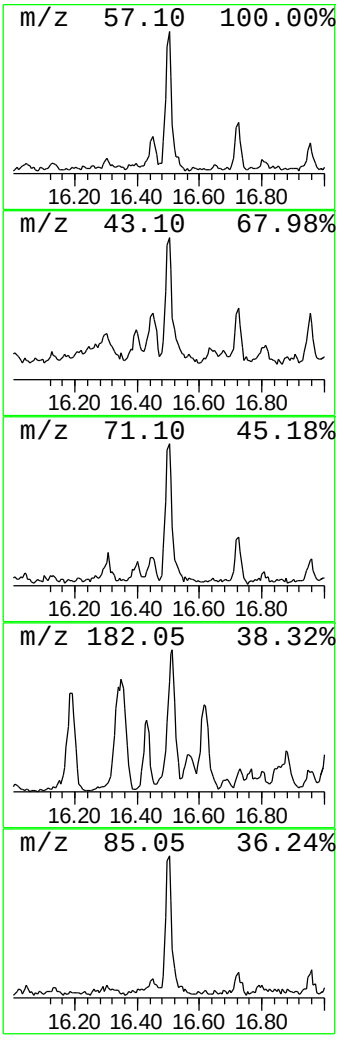
****

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	14.90 ng/ul	855972	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	38
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	38
4	Tetracosane	338	C24H50	000646-31-1	38
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	38





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Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

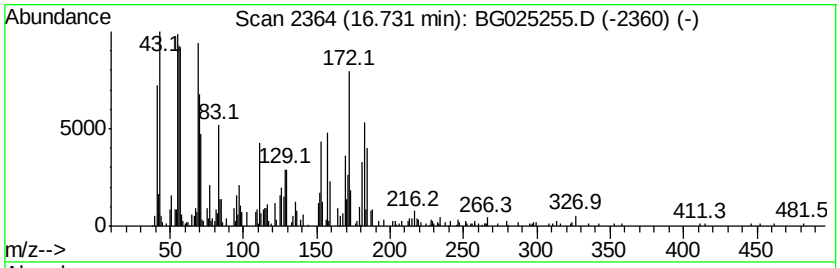
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

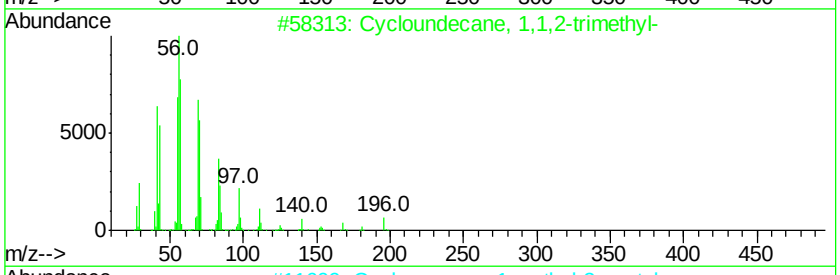
****

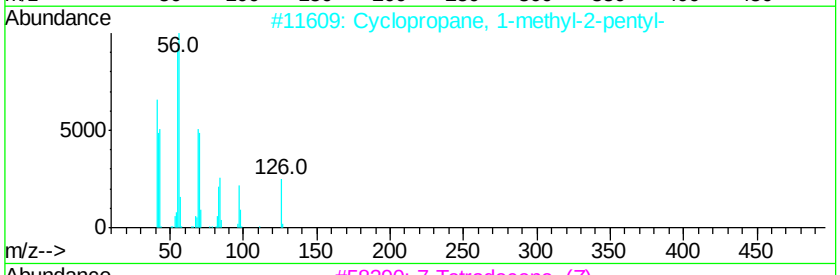
Peak Number 50 (DEL) Alkane: Cyclic16.73 Concentration Rank 60

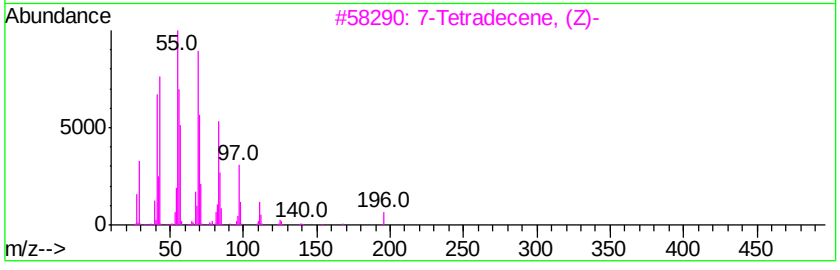
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	11.49 ng/ul	659918	Phenanthrene-d10	17.60

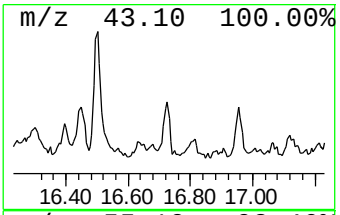
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	70
2	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	58
3	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	55
4	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	55
5	6-Tridecene, (E)-	182	C13H26	006434-76-0	53

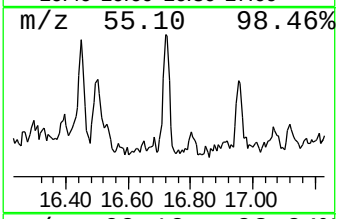


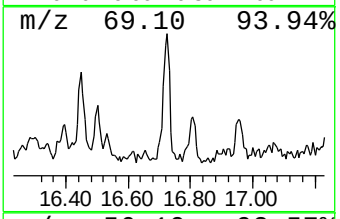


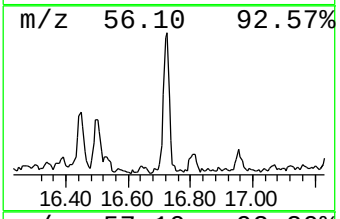


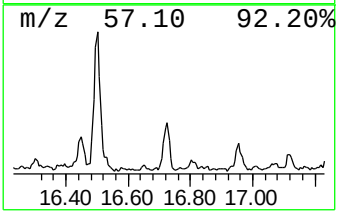












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Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

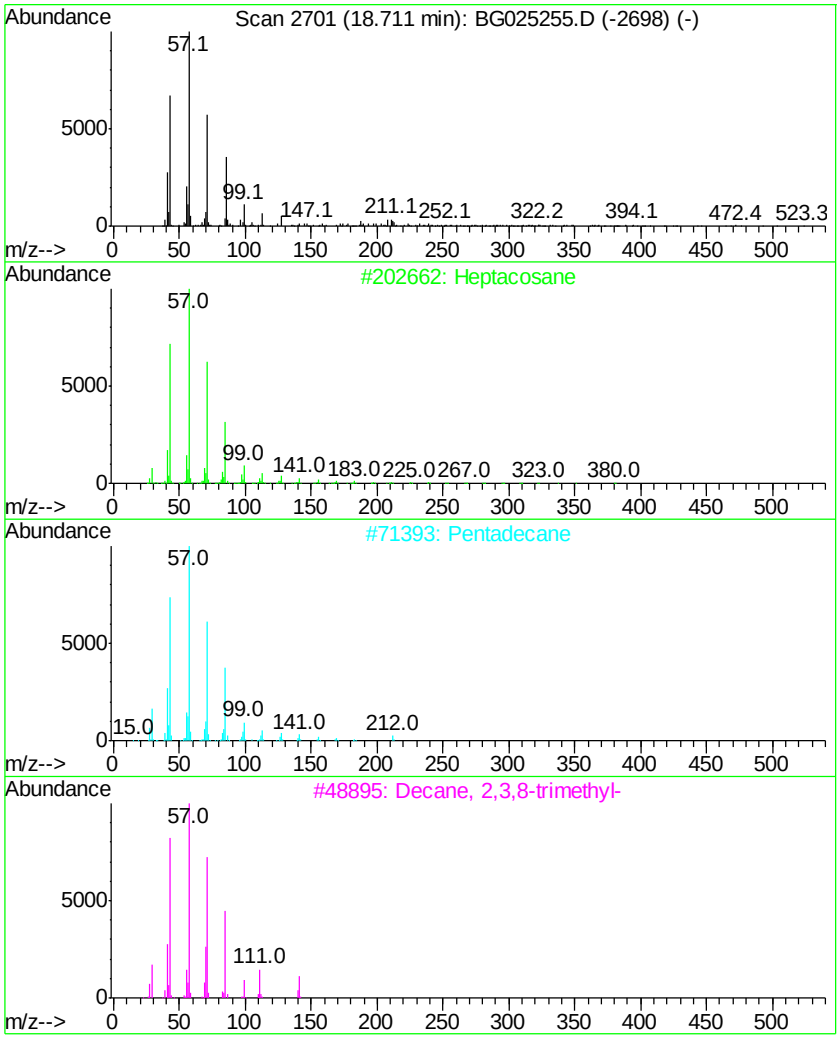
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

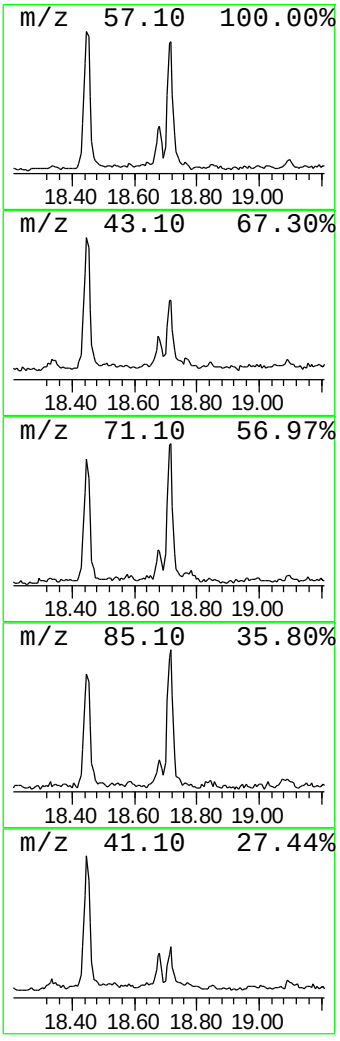
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	11.53 ng/ul	662462	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Pentadecane	212	C15H32	000629-62-9	76
3	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	72
5	Tricosane	324	C23H48	000638-67-5	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

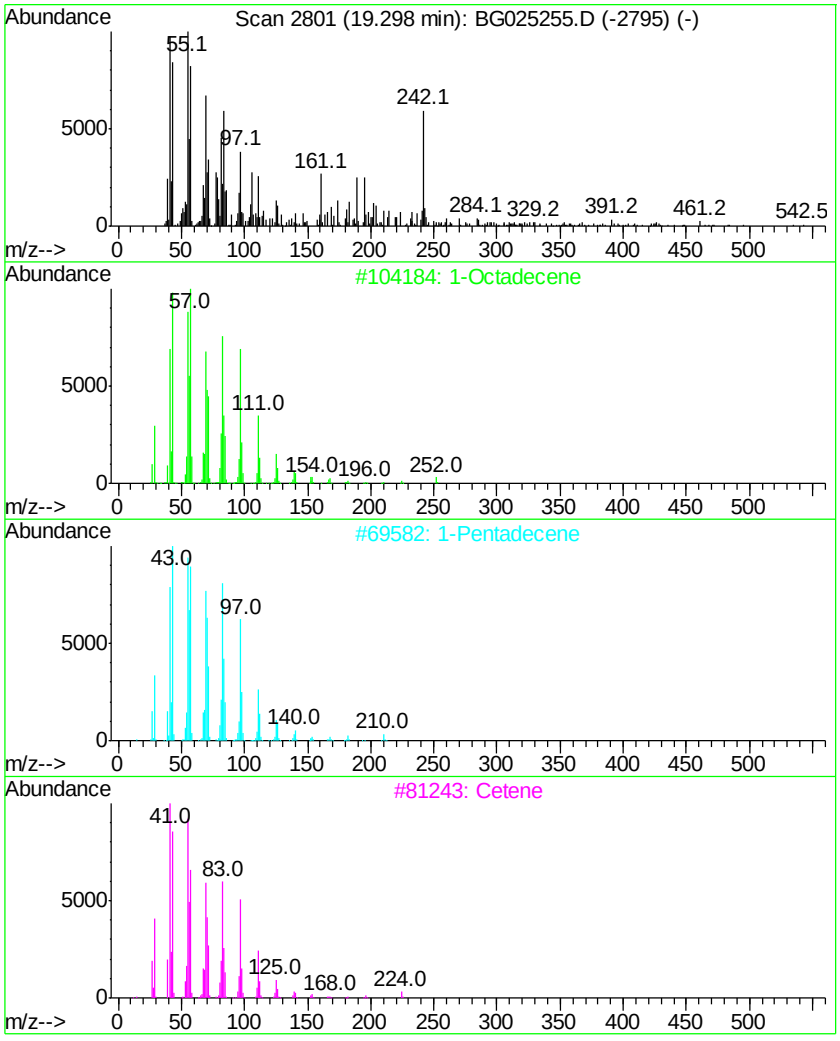
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

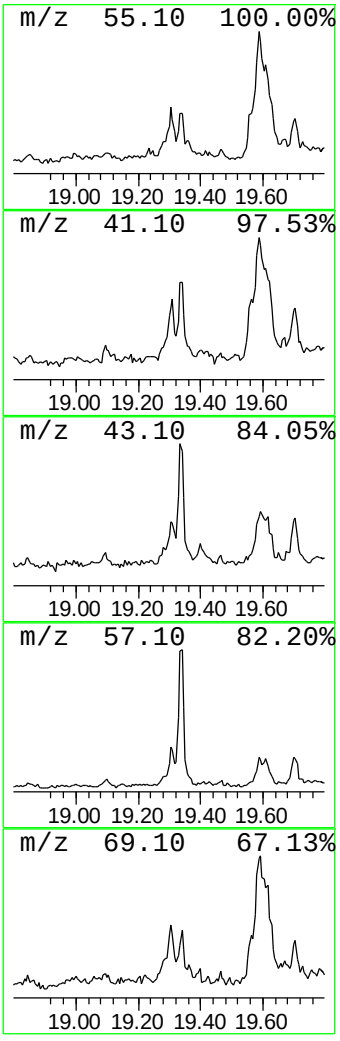
****

Peak Number 61 (DEL) Alkane: Cyclic19.30 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	14.40 ng/ul	827220	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	91
2	1-Pentadecene	210	C15H30	013360-61-7	89
3	Cetene	224	C16H32	000629-73-2	86
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	83
5	Cetene	224	C16H32	000629-73-2	78





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Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

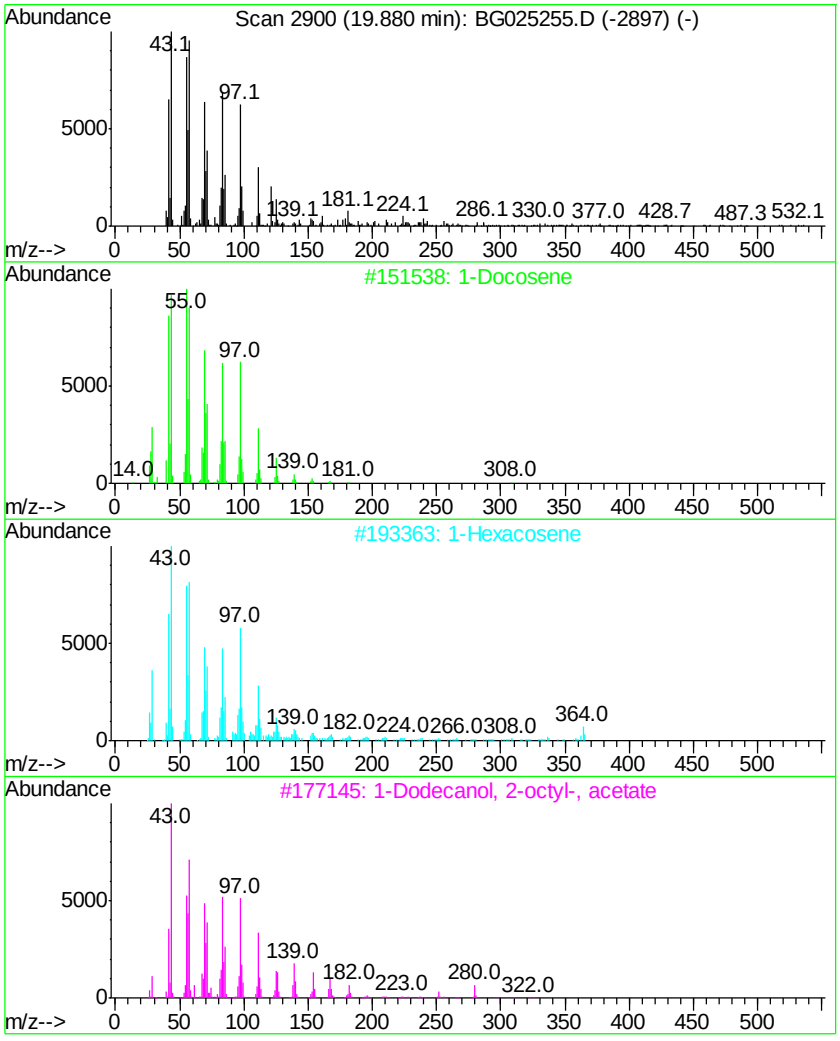
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

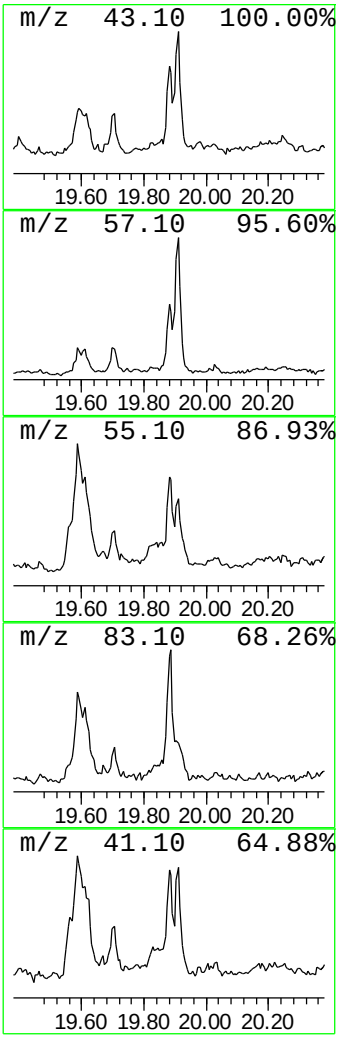
****

Peak Number 63 (DEL) Alkane: Cyclic19.88 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	14.78 ng/ul	1087450	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Hexacosene	364	C26H52	018835-33-1	91
3	1-Dodecanol, 2-octyl-, acetate	340	C22H44O2	074051-84-6	91
4	Cyclotetracosane	336	C24H48	000297-03-0	87
5	1-Eicosene	280	C20H40	003452-07-1	87





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Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

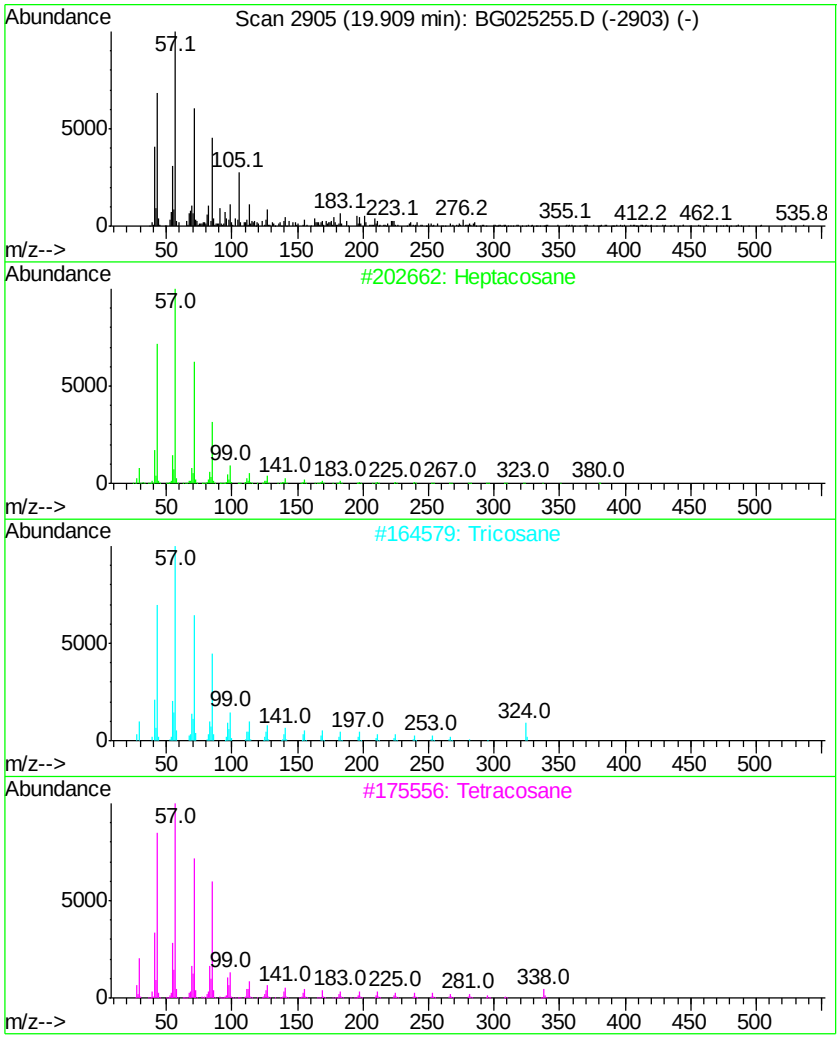
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

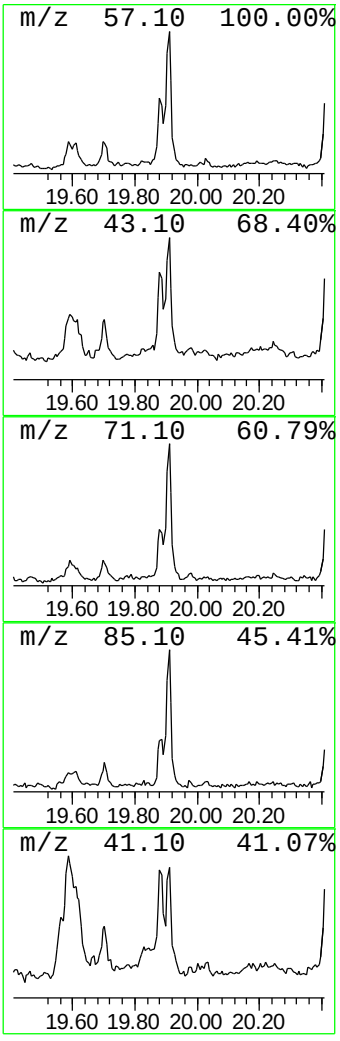
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	13.35 ng/ul	982830	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tricosane	324	C23H48	000638-67-5	72
3	Tetracosane	338	C24H50	000646-31-1	72
4	Eicosane	282	C20H42	000112-95-8	70
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

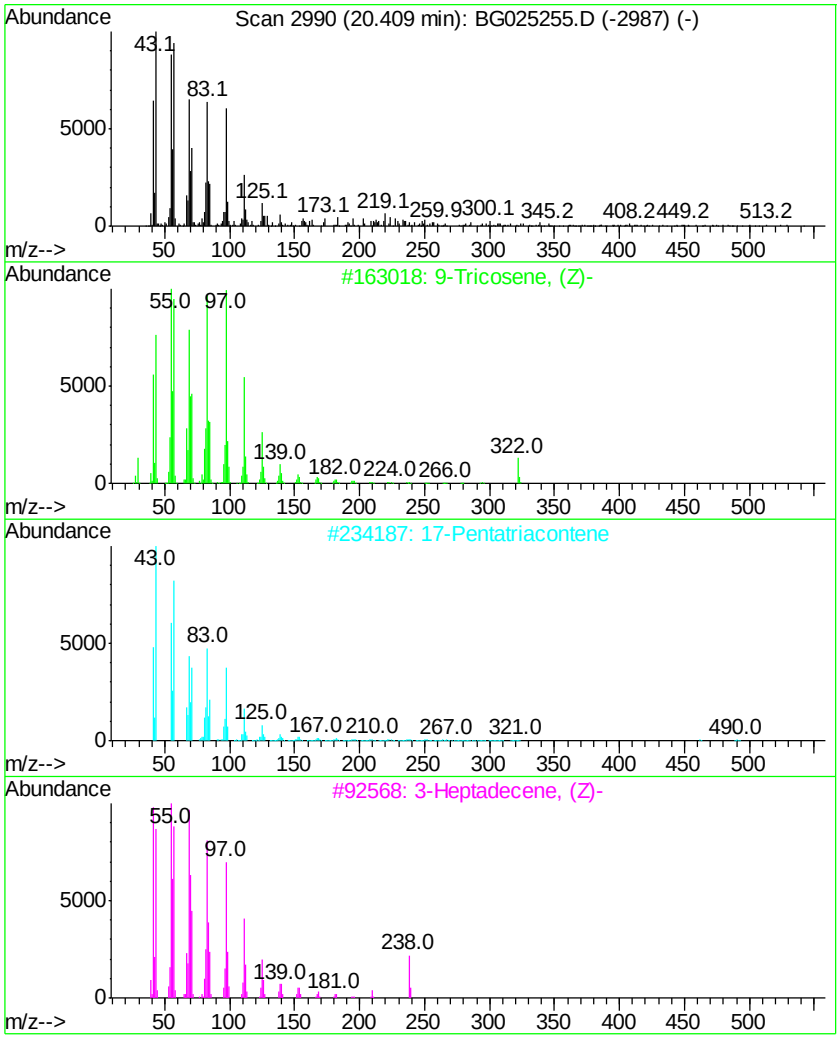
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

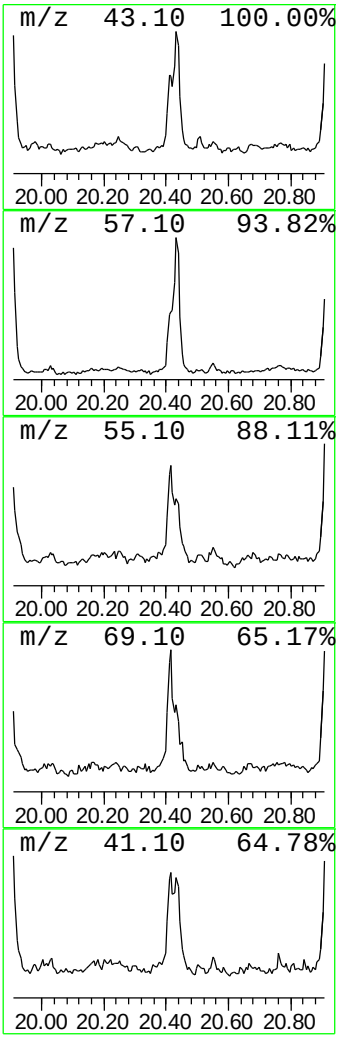
****

Peak Number 65 (DEL) Alkane: Cyclic20.41 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	9.07 ng/ul	667754	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2	17-Pentatriacontene	491	C35H70	006971-40-0	95
3	3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91





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Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

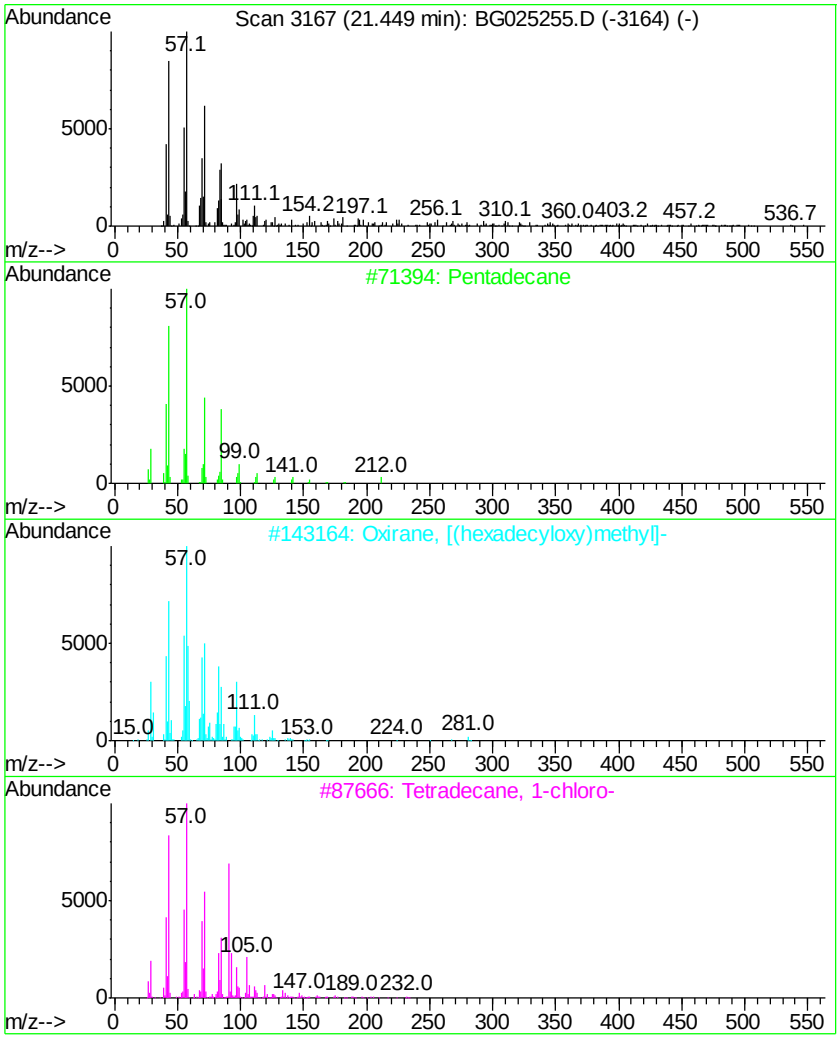
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

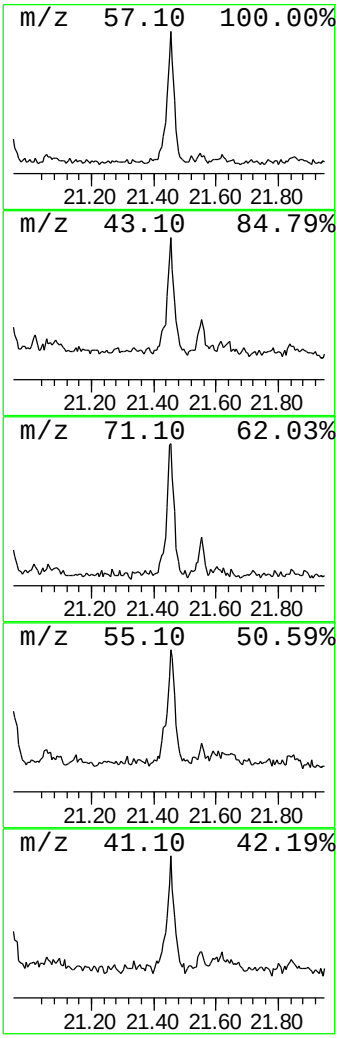
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	15.44 ng/ul	1136270	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	83
3	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	64
4	1-Tricosene	322	C23H46	018835-32-0	64
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	64





Library Search Compound Report

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Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W4

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

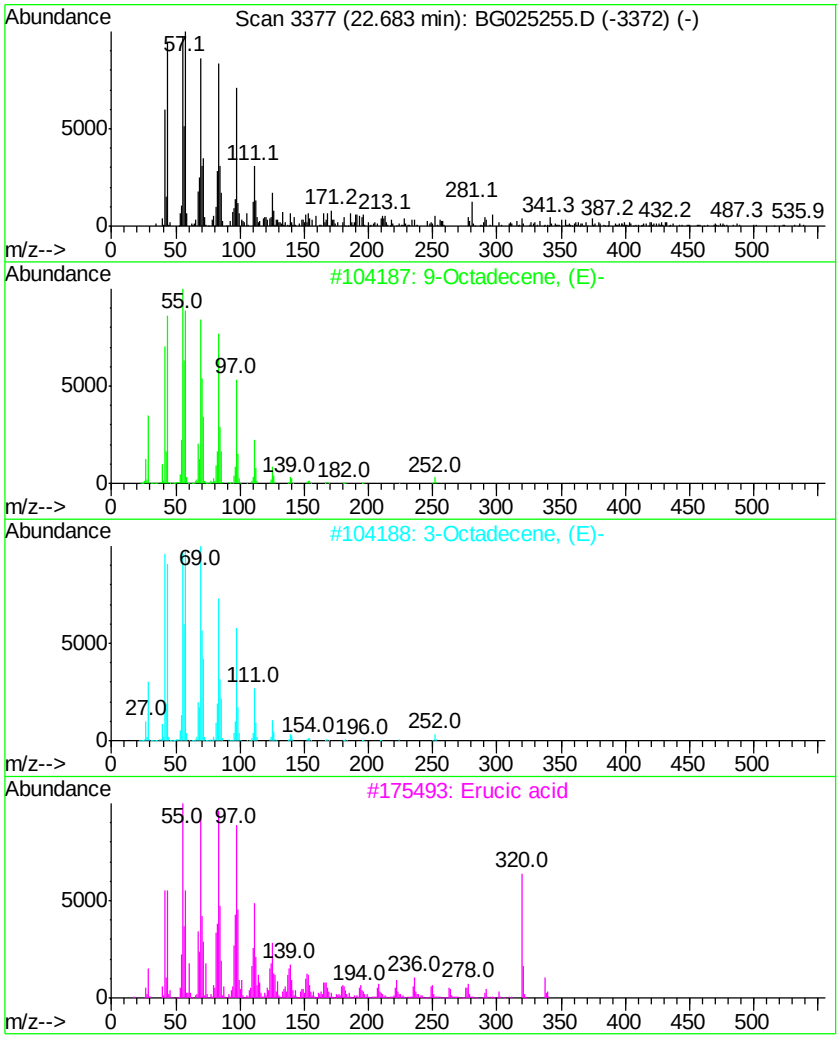
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

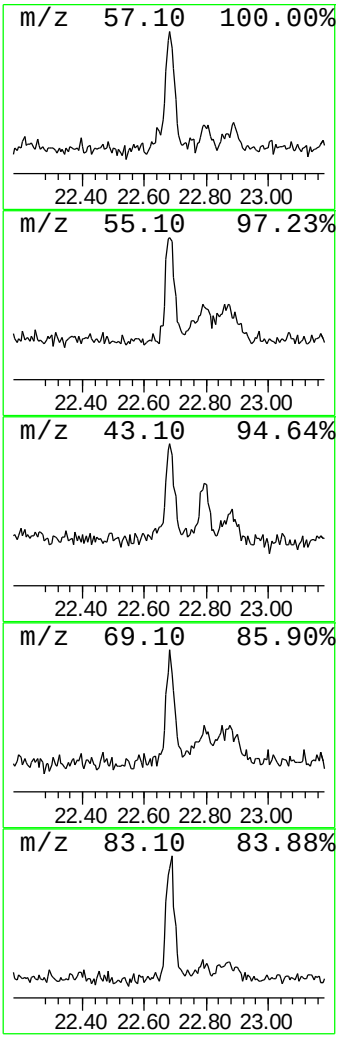
****

Peak Number 69 (DEL) Alkane: Cyclic22.68 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	8.50 ng/ul	625595	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	93
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	91
3	Erucic acid	338	C22H42O2	000112-86-7	90
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	89
5	1-Octadecene	252	C18H36	000112-88-9	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025255.D
Acq On : 17 Dec 2016 1:51
Operator : UM/SJ
Sample : H6040-11
Misc :
ALS Vial : 10 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	25.1	ng/ul	868811	1	8.23	692297	20.0
Benzene, 1,2,3-tr...	7.86	20.0	ng/ul	692297	1	8.23	692297	20.0
Benzofuran, 2-met...	9.59	19.7	ng/ul	680958	1	8.23	692297	20.0
Phenol, 2,6-dimet...	9.67	15.0	ng/ul	773871	2	11.06	1033070	20.0
Benzofuran, 7-met...	9.71	19.5	ng/ul	1005410	2	11.06	1033070	20.0
Phenol, 2-ethyl-	10.02	11.1	ng/ul	571251	2	11.06	1033070	20.0
Phenol, 3-ethyl-	10.50	112.5	ng/ul	5810670	2	11.06	1033070	20.0
Phenol, 2-ethyl-6...	10.88	17.1	ng/ul	885029	2	11.06	1033070	20.0
Phenol, 3,4-dimet...	10.93	15.6	ng/ul	804361	2	11.06	1033070	20.0
2-Propenal, 2-met...	11.29	34.7	ng/ul	1793550	2	11.06	1033070	20.0
Benzofuran, 4,7-d...	11.46	40.3	ng/ul	2082950	2	11.06	1033070	20.0
Phenol, 4-ethyl-3...	11.59	27.0	ng/ul	1393060	2	11.06	1033070	20.0
Phenol, 2,4,6-tri...	11.65	18.2	ng/ul	939125	2	11.06	1033070	20.0
unknown-01	11.81	11.4	ng/ul	591049	2	11.06	1033070	20.0
Phenol, 3-propyl-	11.88	132.6	ng/ul	6848830	2	11.06	1033070	20.0
Phenol, 3,4,5-tri...	12.07	29.4	ng/ul	1519250	2	11.06	1033070	20.0
Phenol, 2,3,6-tri...	12.12	17.6	ng/ul	906665	2	11.06	1033070	20.0
3-Methyl-4-isopro...	12.24	16.5	ng/ul	853435	2	11.06	1033070	20.0
Thymol	12.44	19.4	ng/ul	1004300	2	11.06	1033070	20.0
4-Hydroxy-3-methy...	12.59	22.7	ng/ul	1173510	2	11.06	1033070	20.0
Benzene, 1-methox...	12.83	35.9	ng/ul	1852830	2	11.06	1033070	20.0
Naphthalene, 1-me...	12.92	27.0	ng/ul	1392410	2	11.06	1033070	20.0
2,5,6-Trimethylbe...	13.01	18.3	ng/ul	1116910	3	14.86	1221830	20.0
unknown-02	13.06	20.6	ng/ul	1256970	3	14.86	1221830	20.0
Phenol, 2-methyl-	13.22	25.0	ng/ul	1528690	3	14.86	1221830	20.0
unknown-03	13.26	31.6	ng/ul	1928190	3	14.86	1221830	20.0
Benzenepentanol	13.34	24.1	ng/ul	1474060	3	14.86	1221830	20.0
(DEL) Alkane: Str...	13.63	8.9	ng/ul	546905	3	14.86	1221830	20.0
(DEL) Alkane: Str...	16.50	14.9	ng/ul	855972	4	17.60	1149100	20.0
(DEL) Alkane: Cyc...	16.73	11.5	ng/ul	659918	4	17.60	1149100	20.0
(DEL) Alkane: Str...	18.71	11.5	ng/ul	662462	4	17.60	1149100	20.0
(DEL) Alkane: Cyc...	19.30	14.4	ng/ul	827220	4	17.60	1149100	20.0
(DEL) Alkane: Cyc...	19.88	14.8	ng/ul	1087450	5	21.90	1471990	20.0
(DEL) Alkane: Str...	19.91	13.4	ng/ul	982830	5	21.90	1471990	20.0
(DEL) Alkane: Cyc...	20.41	9.1	ng/ul	667754	5	21.90	1471990	20.0
(DEL) Alkane: Str...	21.45	15.4	ng/ul	1136270	5	21.90	1471990	20.0
(DEL) Alkane: Cyc...	22.68	8.5	ng/ul	625595	5	21.90	1471990	20.0