LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025029.D
Acq On : 9 Dec 2016 5:48
Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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	5.847	504	512	525	rBV	1180686	2764075	19.74%	0.704%
2	6.223	568	576	583	rVV	915677	1795555	12.82%	0.458%
3	7.374	766	772	781	rBV4	617206	1704709	12.17%	0.434%
4	7.874	852	857	866	rVB	1300925	2314872	16.53%	0.590%
5	8.878	1018	1028	1033	rBV3	670064	1538158	10.99%	0.392%
6	9.013	1044	1051	1070	rVB2	1782705	4093950	29.24%	1.043%
7	9.437	1116	1123	1131	rVB3	1128225	2466096	17.61%	0.628%
8	9.672	1158	1163	1167	rBV2	824244	1520395	10.86%	0.387%
9	9.724	1167	1172	1178	rVV	1300379	2916199	20.83%	0.743%
10	9.795	1178	1184	1193	rVB	3153782	5792530	41.37%	1.476%
11	10.224	1251	1257	1260	rBV	1705860	3105507	22.18%	0.791%
12	10.500	1290	1304	1308	rBV4	3486083	10689350	76.34%	2.724%
13	10.535	1308	1310	1321	rVV2	1952603	4246632	30.33%	1.082%
14	10.694	1330	1337	1343	rVV4	1701203	3180626	22.72%	0.811%
15	10.888	1363	1370	1374	rBV4	981173	2450749	17.50%	0.625%
16	11.129	1405	1411	1417	rVB	2310457	4151008	29.65%	1.058%
17	11.211	1417	1425	1435	rBV3	1756034	3881061	27.72%	0.989%
18	11.311	1436	1442	1455	rVB3	1910443	6732254	48.08%	1.716%
19	11.434	1455	1463	1466	rBV3	2737135	5682587	40.58%	1.448%
20	11.481	1466	1471	1478	rVV2	4914153	9789786	69.92%	2.495%
21	11.546	1478	1482	1486	rVB	1517104	2166011	15.47%	0.552%
22	11.599	1486	1491	1496	rVB	1826290	3130237	22.36%	0.798%
23	11.657	1496	1501	1509	rVB4	1087747	2635189	18.82%	0.672%
24	11.892	1533	1541	1548	rBV2	7030936	14002309	100.00%	3.569%
25	12.080	1567	1573	1577	rBV2	1919924	3865149	27.60%	0.985%
26	12.133	1578	1582	1590	rVV4	1301368	3535631	25.25%	0.901%
27	12.269	1597	1605	1611	rVB3	1498055	4315145	30.82%	1.100%
28	12.433	1628	1633	1645	rVB4	1949789	4848328	34.63%	1.236%
29	12.598	1653	1661	1671	rVB4	1634127	4891591	34.93%	1.247%
30	12.721	1671	1682	1686	rBV	6368058	12225991	87.31%	3.116%
31	12.756	1686	1688	1692	rVV	2909706	4077016	29.12%	1.039%
32	12.791	1692	1694	1698	rVV3	1378299	2414504	17.24%	0.615%
33	12.838	1698	1702	1706	rVV2	2335859	4838288	34.55%	1.233%
34	12.880	1706	1709	1713	rVB	2090732	3071087	21.93%	0.783%

LSC Area Percent Report

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Data File : BG025029.D
Acq On : 9 Dec 2016 5:48
Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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	12.938	1713	1719	1726	rVB	4242454	7507035	53.61%	1.913%
36	13.021	1726	1733	1737	rBV2	2652548	5005419	35.75%	1.276%
37	13.062	1737	1740	1743	rVB	1259412	1553038	11.09%	0.396%
38	13.103	1744	1747	1751	rBV2	1032243	1534725	10.96%	0.391%
39	13.226	1762	1768	1772	rBV5	1682995	3034135	21.67%	0.773%
40	13.279	1772	1777	1786	rVV7	1785446	4039963	28.85%	1.030%
41	13.355	1786	1790	1795	rBV4	1276901	2024578	14.46%	0.516%
42	13.408	1796	1799	1803	rVB2	1069522	1604245	11.46%	0.409%
43	13.467	1804	1809	1818	rVB6	712858	1696421	12.12%	0.432%
44	13.596	1818	1831	1835	rBV4	1957578	7368615	52.62%	1.878%
45	13.655	1835	1841	1846	rVV6	2990288	5124167	36.60%	1.306%
46	13.702	1846	1849	1853	rVB	1108405	1448595	10.35%	0.369%
47	13.843	1862	1873	1878	rBV3	1288296	5076313	36.25%	1.294%
48	13.902	1878	1883	1891	rVV6	1581681	3807058	27.19%	0.970%
49	14.031	1898	1905	1906	rBV4	2022827	4018821	28.70%	1.024%
50	14.055	1906	1909	1920	rVB5	2764343	5099204	36.42%	1.300%
51	14.196	1927	1933	1937	rVV	3258153	5941810	42.43%	1.514%
52	14.249	1937	1942	1949	rVB3	4050527	7472914	53.37%	1.905%
53	14.360	1956	1961	1966	rBV5	1190695	2049833	14.64%	0.522%
54	14.431	1966	1973	1979	rBV5	1571479	3395087	24.25%	0.865%
55	14.507	1983	1986	1990	rVB2	1486503	1941789	13.87%	0.495%
56	14.572	1990	1997	2004	rBV5	2087013	6663272	47.59%	1.698%
57	14.642	2004	2009	2014	rVV4	1589689	2456686	17.54%	0.626%
58	14.719	2018	2022	2027	rVB	4028326	5171035	36.93%	1.318%
59	14.830	2036	2041	2046	rBV2	3148304	5400117	38.57%	1.376%
60	14.907	2046	2054	2063	rVB9	2115012	5866436	41.90%	1.495%
61	15.059	2075	2080	2083	rBV6	1101358	1969752	14.07%	0.502%
62	15.095	2083	2086	2092	rVB4	1532332	2102710	15.02%	0.536%
63	15.159	2092	2097	2102	rBV3	1801281	2986675	21.33%	0.761%
64	15.253	2107	2113	2122	rBV7	1467522	4533198	32.37%	1.155%
65	15.377	2130	2134	2144	rVB3	1237214	2632579	18.80%	0.671%
66	15.471	2144	2150	2155	rBV5	1305717	2824933	20.17%	0.720%
67	15.529	2155	2160	2168	rVB6	2285576	4489770	32.06%	1.144%
68	15.600	2168	2172	2174	rBV2	2610587	3566468	25.47%	0.909%
69	15.623	2174	2176	2179	rVV	2265267	3128664	22.34%	0.797%
70	15.665	2179	2183	2187	rVB	4295386	5462733	39.01%	1.392%
71	15.858	2212	2216	2219	rVV	1593149	2450200	17.50%	0.624%

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Operator : UM/SJ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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

72	15.900	2219	2223	2233	rVV4	2476110	5290725	37.78%	1.348%
73	15.976	2233	2236	2243	rVB5	1053688	1673911	11.95%	0.427%
74	16.064	2243	2251	2254	rBV6	798090	1613798	11.53%	0.411%
75	16.105	2254	2258	2264	rVB4	757676	1444471	10.32%	0.368%
76	16.464	2312	2319	2324	rVB4	3022727	5404357	38.60%	1.377%
77	16.522	2324	2329	2333	rBV	6104294	8801146	62.85%	2.243%
78	16.558	2333	2335	2341	rVB4	1528408	1925512	13.75%	0.491%
79	16.740	2362	2366	2371	rVB2	2754973	3596334	25.68%	0.917%
80	16.828	2376	2381	2387	rVB2	2754264	3805126	27.17%	0.970%
81	16.904	2387	2394	2398	rBV5	936675	2065853	14.75%	0.526%
82	17.133	2430	2433	2442	rVB5	757121	1450327	10.36%	0.370%
83	17.263	2451	2455	2459	rVV2	2209296	3280380	23.43%	0.836%
84	17.310	2459	2463	2472	rVB	5574134	8245527	58.89%	2.101%
85	17.609	2507	2514	2518	rBV2	960387	1653089	11.81%	0.421%
86	17.709	2525	2531	2538	rVB	1783370	2982771	21.30%	0.760%
87	17.780	2538	2543	2550	rBV4	837830	1594424	11.39%	0.406%
88	18.003	2576	2581	2584	rBV2	1455987	2046766	14.62%	0.522%
89	18.044	2584	2588	2600	rVB	4324297	7086487	50.61%	1.806%
90	18.696	2695	2699	2701	rVV	1822702	2429639	17.35%	0.619%
91	18.732	2701	2705	2722	rVB	3638133	5564642	39.74%	1.418%
92	19.354	2808	2811	2819	rVB	2874613	3790733	27.07%	0.966%
93	19.895	2899	2903	2905	rBV	1492396	1698311	12.13%	0.433%
94	19.924	2905	2908	2913	rVV	2277067	2641077	18.86%	0.673%
95	19.977	2913	2917	2926	rVB	2207616	3628327	25.91%	0.925%
96	20.447	2986	2997	3010	rVB2	1993151	3746177	26.75%	0.955%
97	20.929	3073	3079	3094	rVB2	1339693	3311639	23.65%	0.844%
98	21.898	3237	3244	3252	rVB	1279362	2355070	16.82%	0.600%
99	25.077	3775	3785	3803	rVB3	1198529	3651533	26.08%	0.931%
100	25.312	3816	3825	3840	rVB2	733822	2320600	16.57%	0.591%

Sum of corrected areas: 392380320

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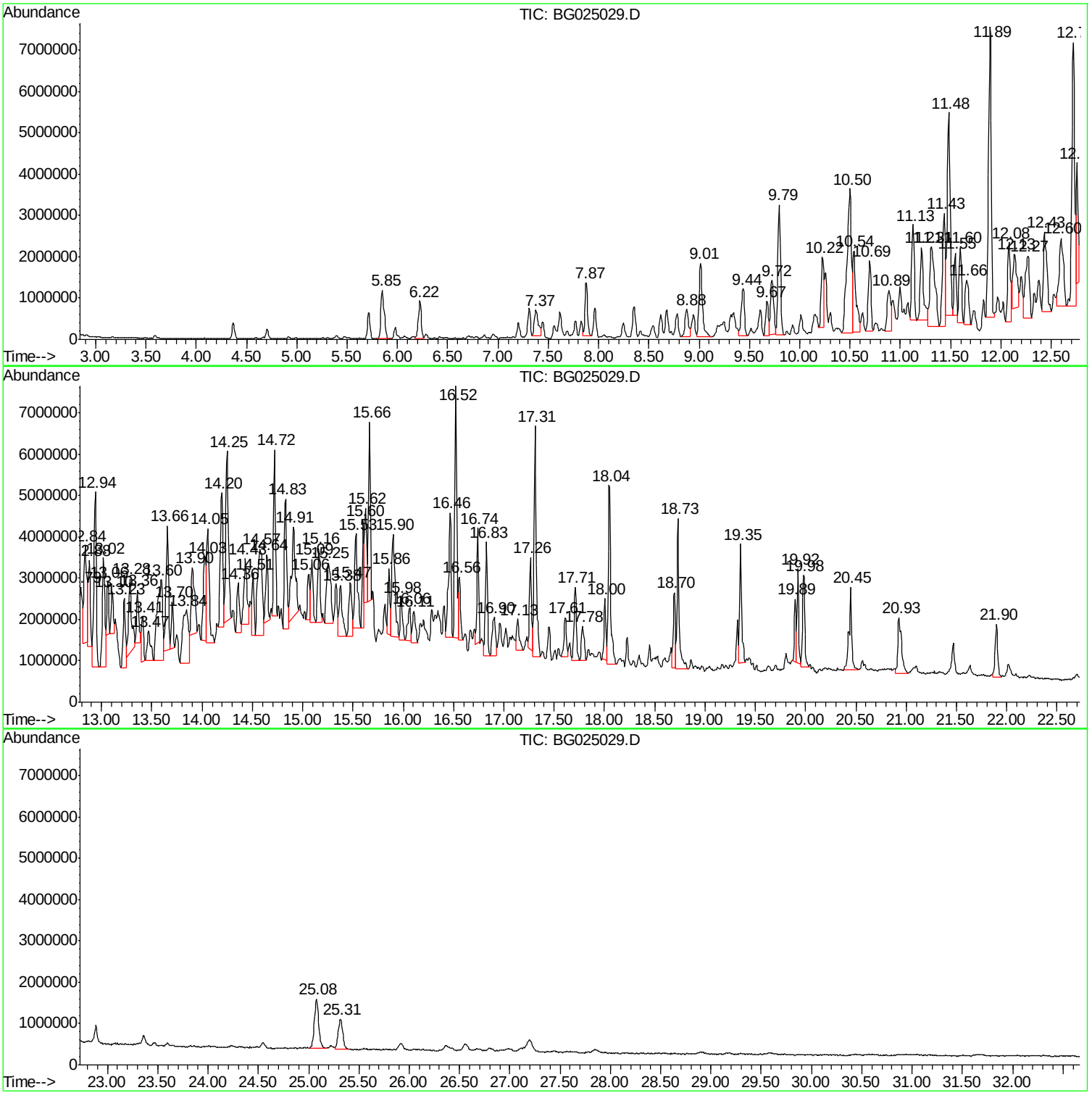
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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

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



Library Search Compound Report

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Data File : BG025029.D
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

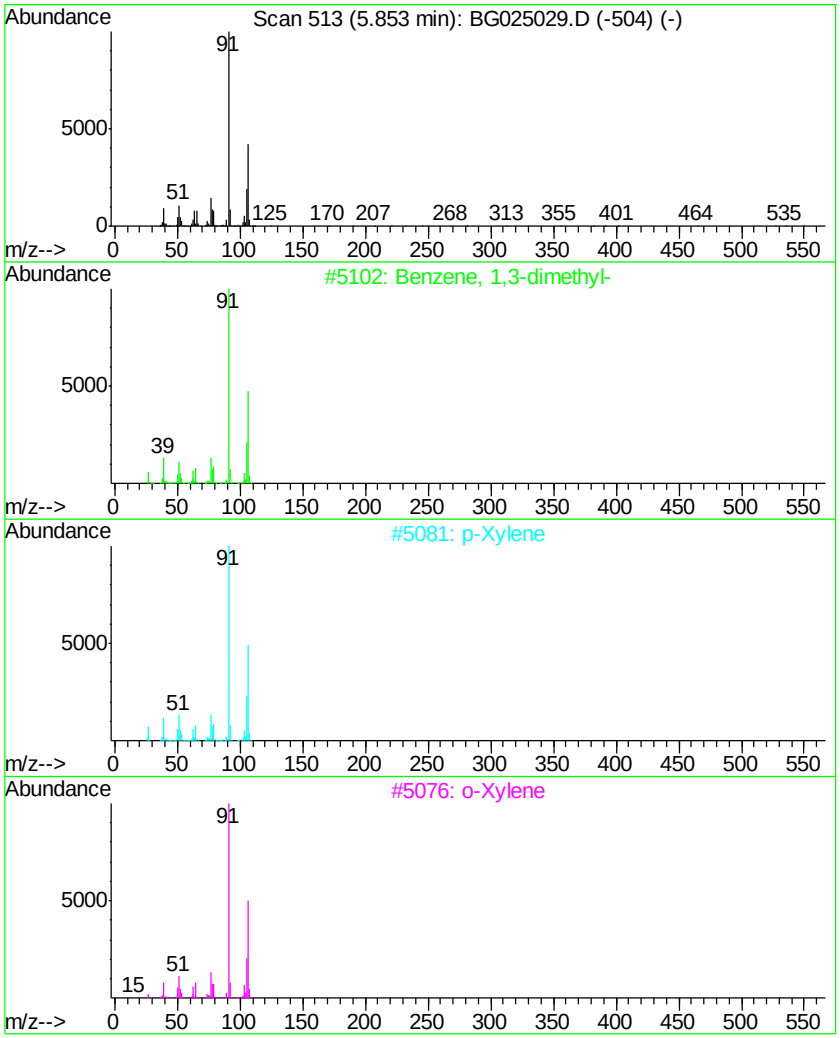
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

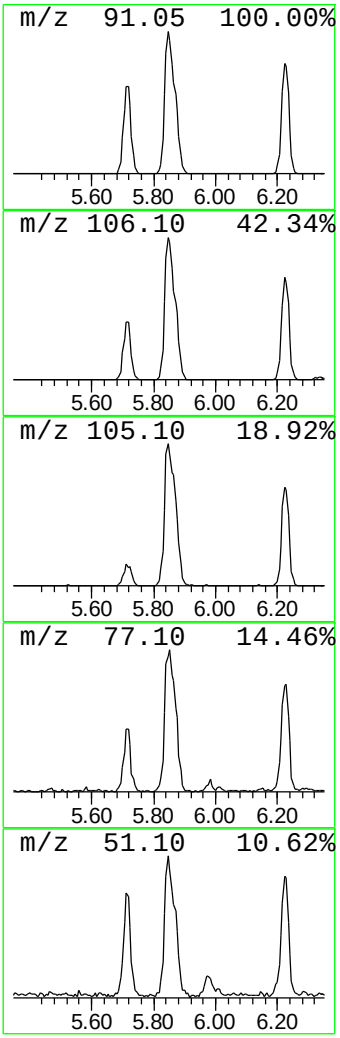
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	23.88 ng/ul	2764080	1,4-Dichlorobenzene-d4	8.24

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	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	o-Xylene	106	C8H10	000095-47-6	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





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Sample : H5863-22
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Instrument : BNA_G
ClientSampleId : DA802

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

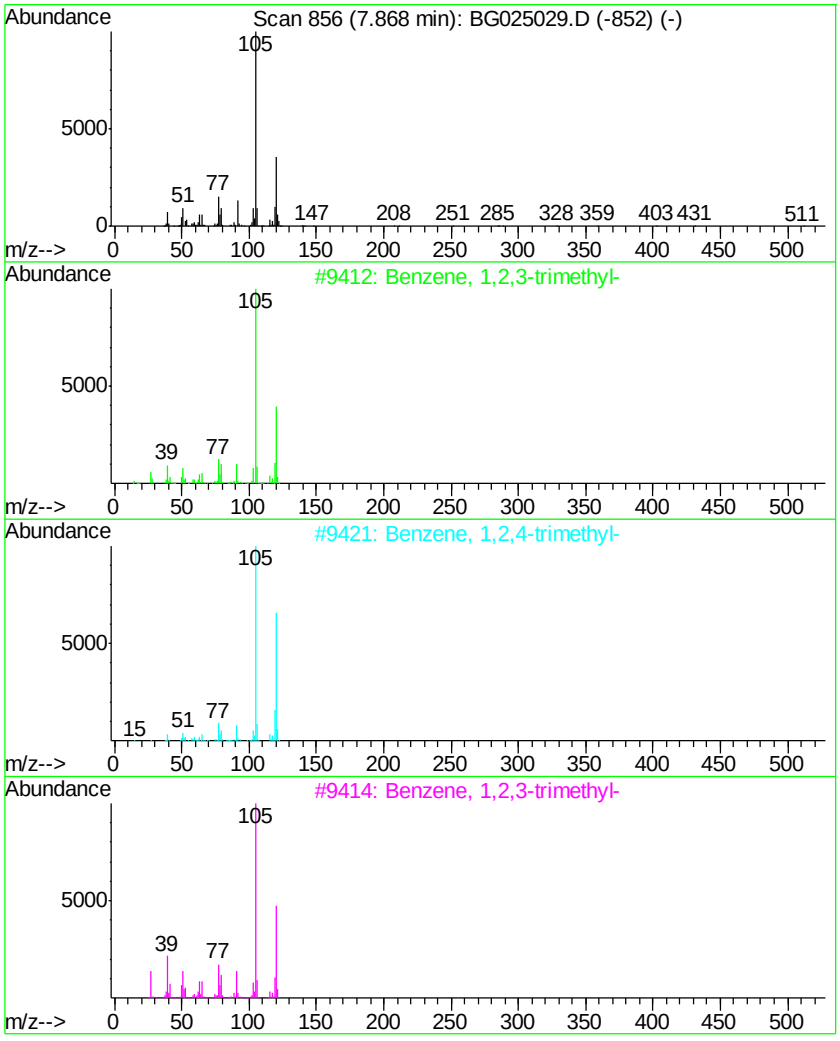
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

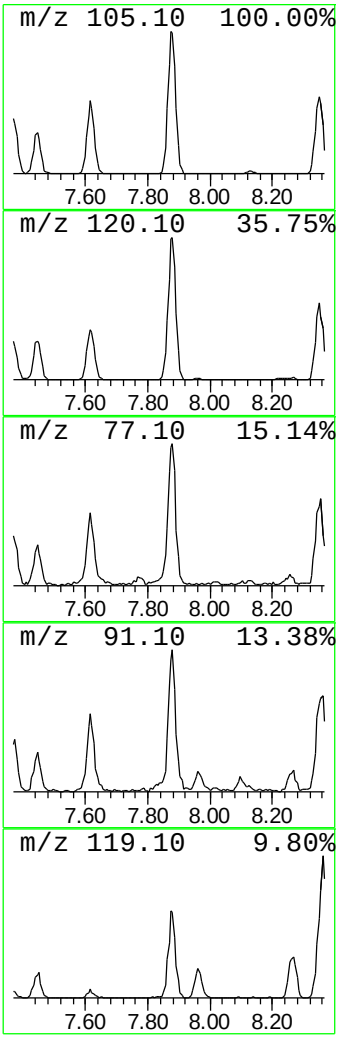
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	20.00 ng/ul	2314870	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : DA802

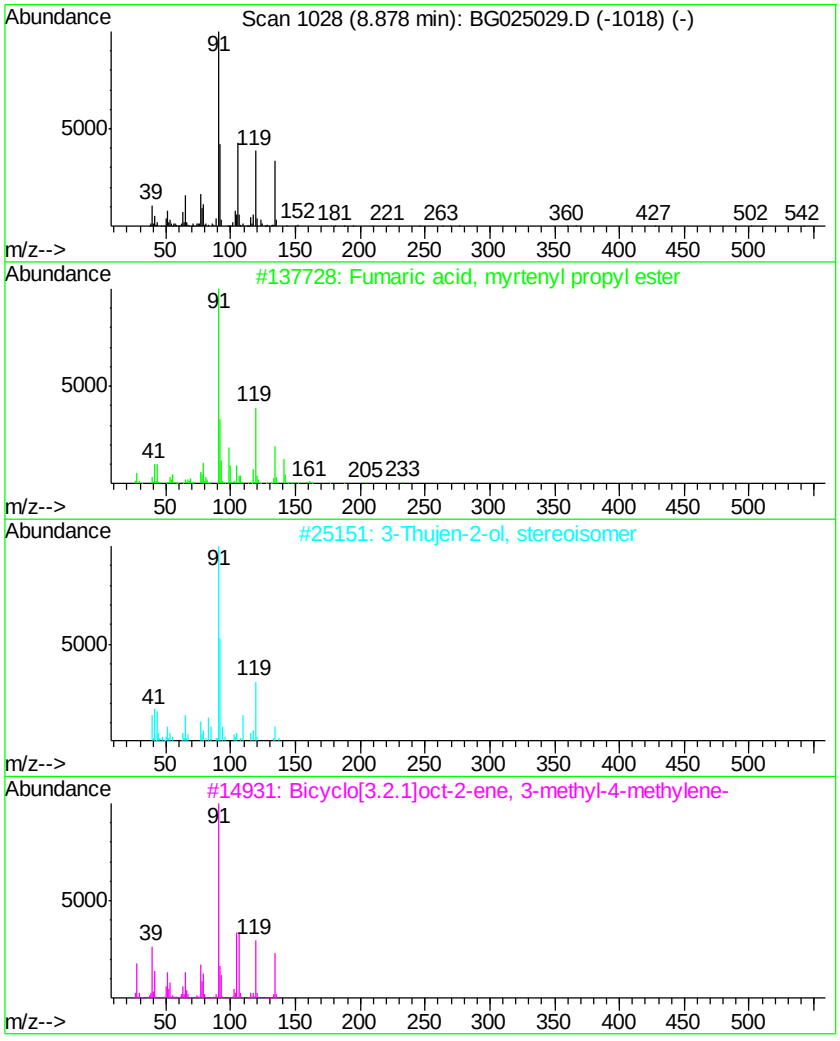
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

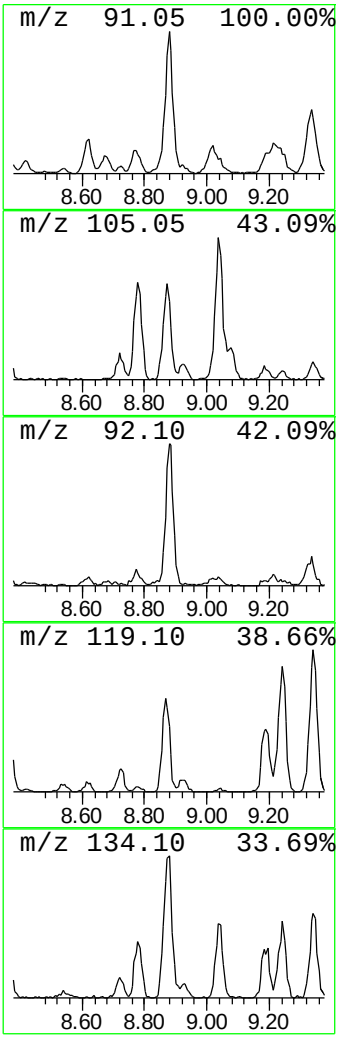
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Fumaric acid, myrtenyl prop... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	13.29 ng/ul	1538160	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, myrtenyl propyl ester	292	C17H24O4	1000348-81-0	72
2	3-Thujen-2-ol, stereoisomer	152	C10H16O	003310-03-0	59
3	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	50
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	49
5	Benzenepropanal	134	C9H10O	000104-53-0	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
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Acq On : 9 Dec 2016 5:48
Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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

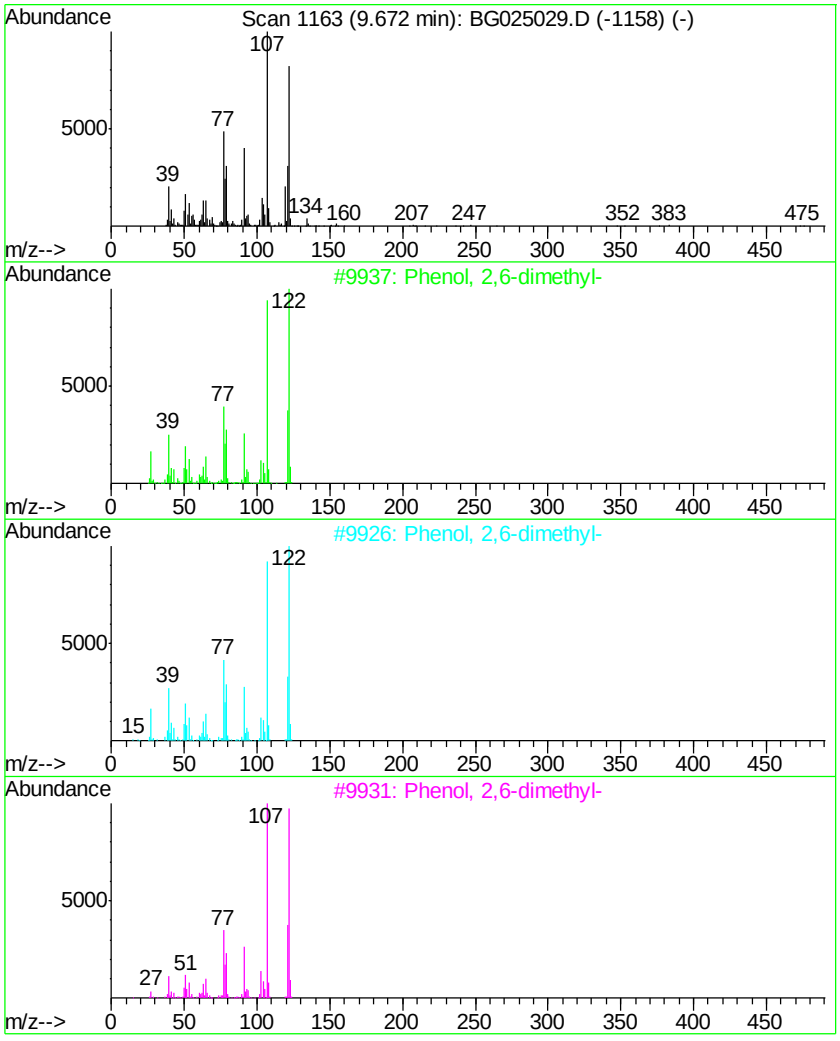
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

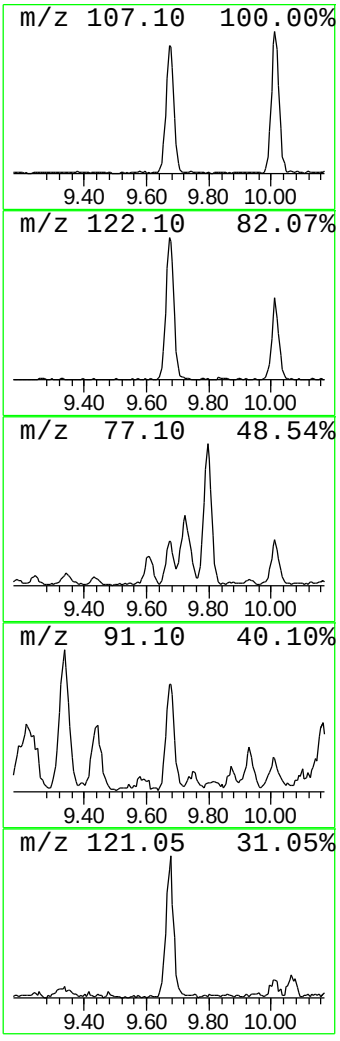
****

Peak Number 5 Phenol, 2,6-dimethyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	7.33 ng/ul	1520400	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
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Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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

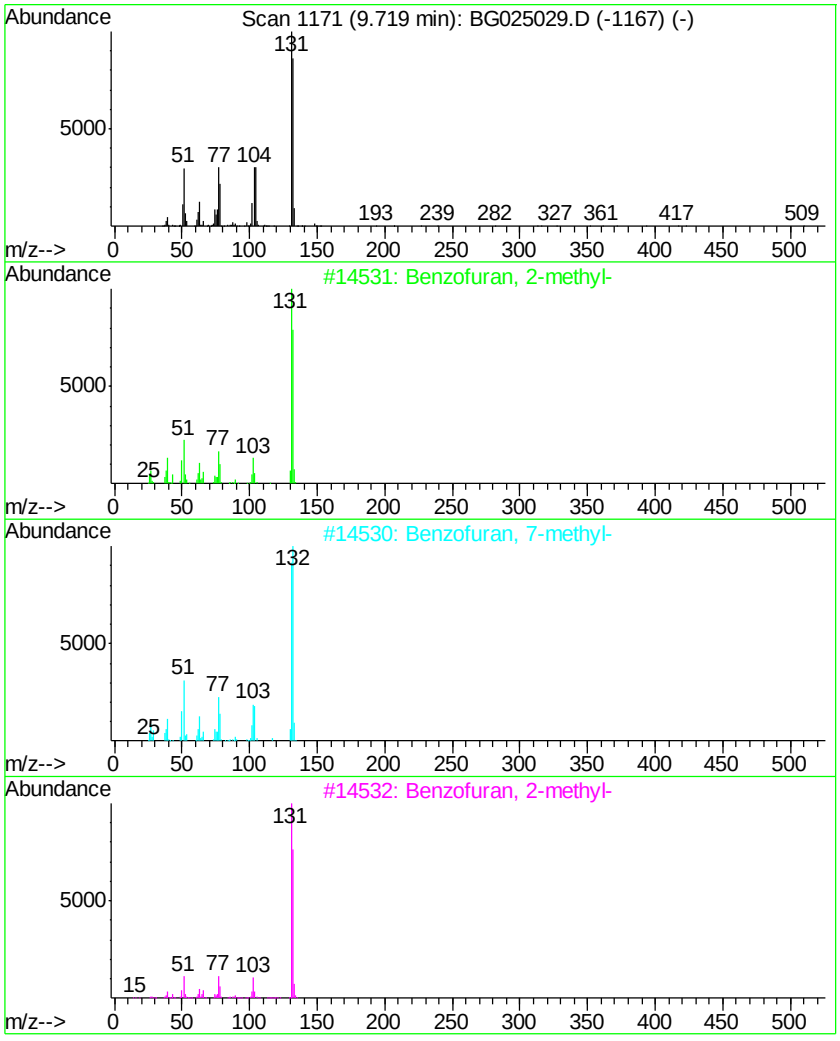
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

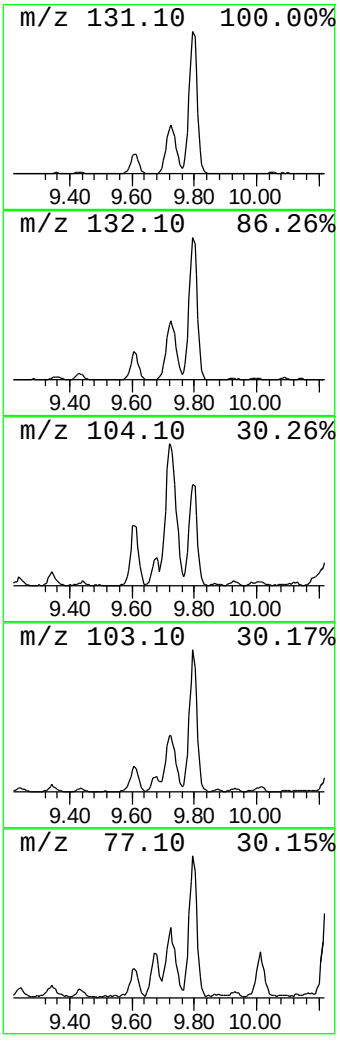
****

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	14.05 ng/ul	2916200	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





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Acq On : 9 Dec 2016 5:48
Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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Quant Title : SVOA CALIBRATION

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

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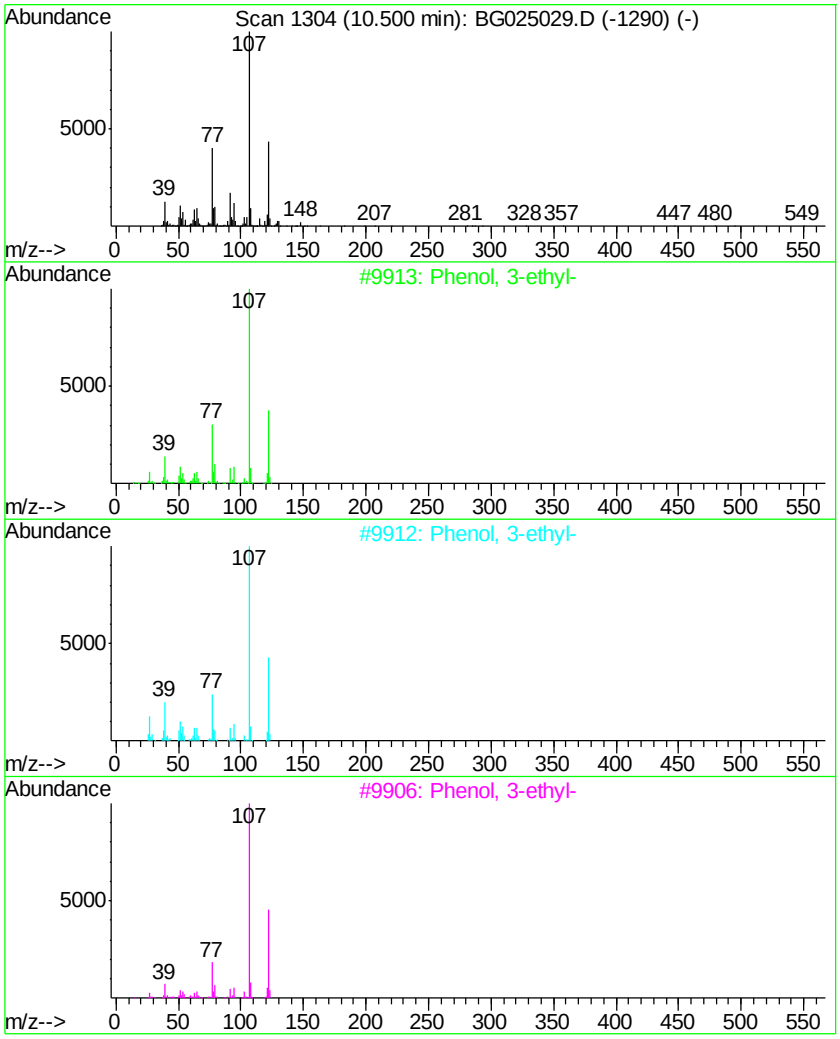
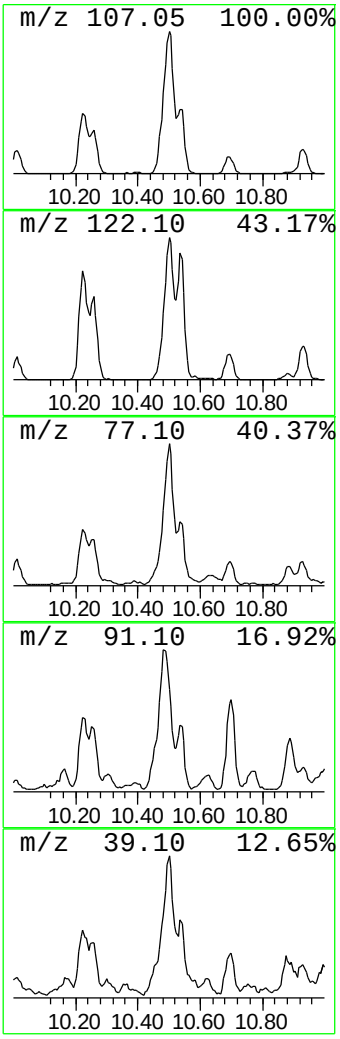
Peak Number 8 Phenol, 3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	51.50 ng/ul	10689400	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	86





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Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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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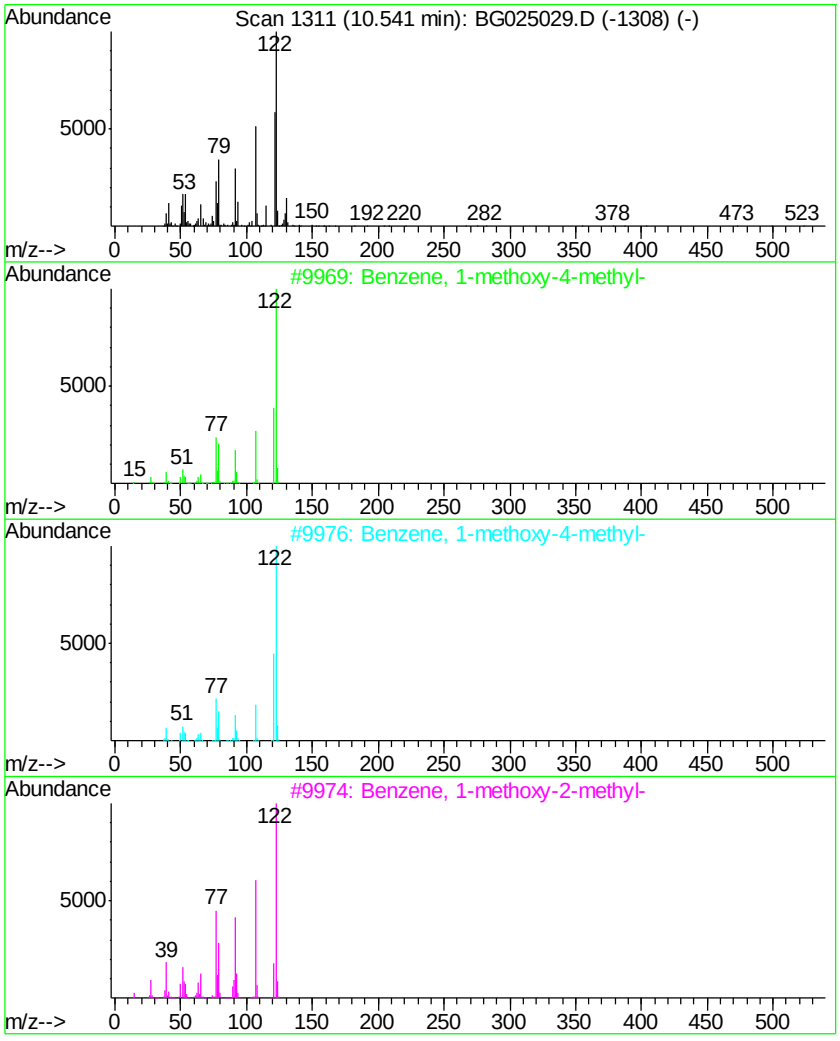
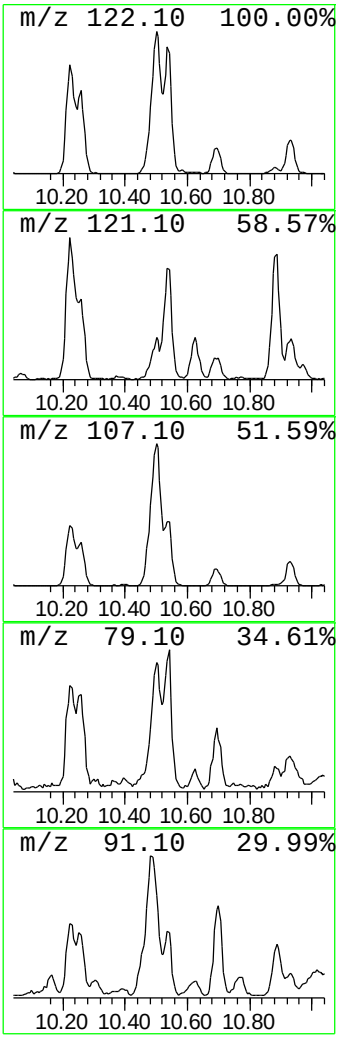
Peak Number 9 Benzene, 1-methoxy-4-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	20.46 ng/ul	4246630	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	90
2	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	86
3	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	80
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	80
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	80





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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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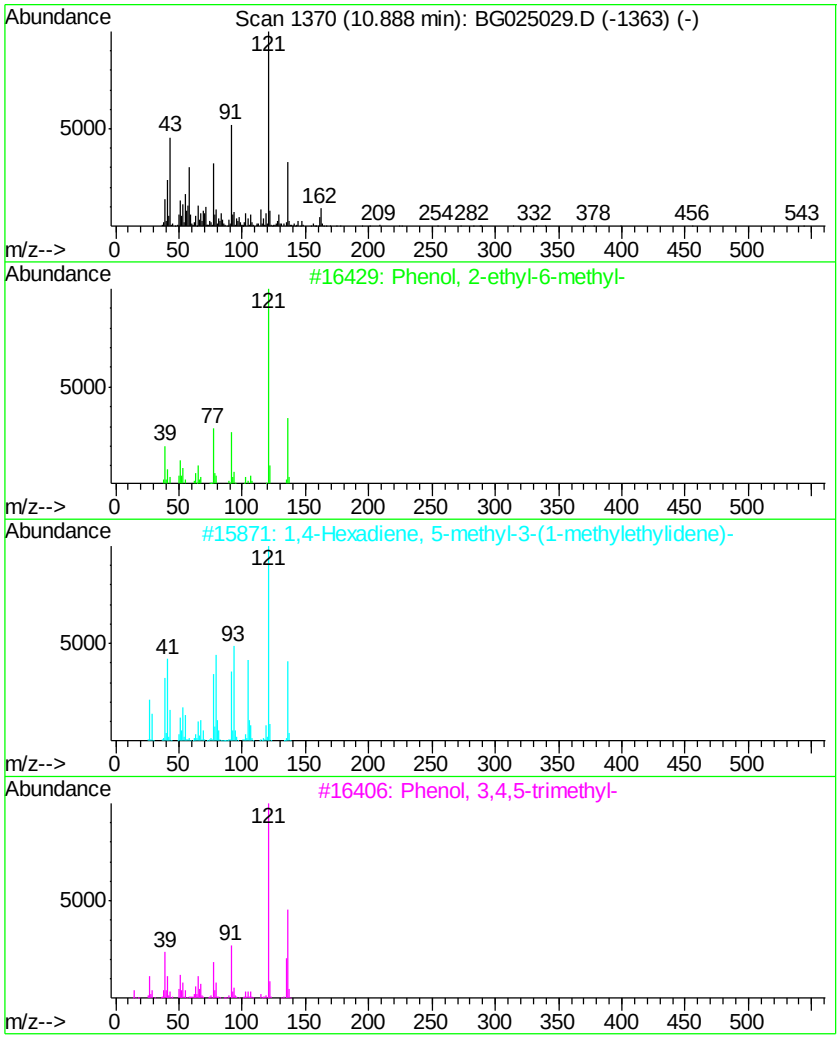
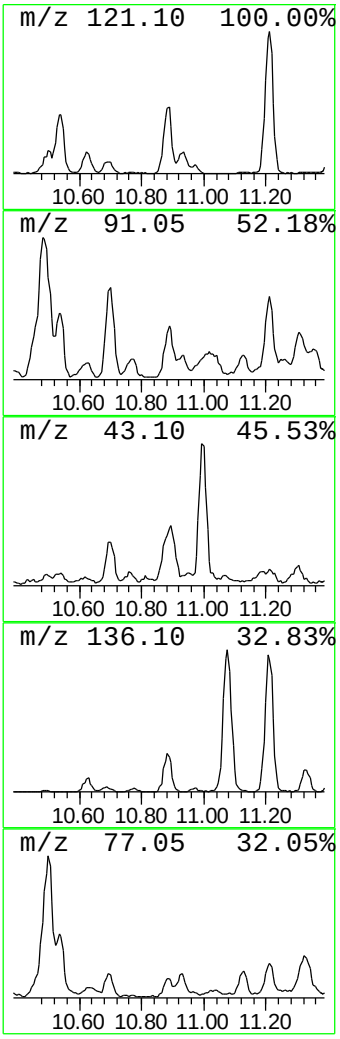
Peak Number 10 Phenol, 2-ethyl-6-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	11.81 ng/ul	2450750	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	70
2	1,4-Hexadiene, 5-methyl-3-(1-met...	136	C10H16	113687-24-4	64
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	62
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	58
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	58





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Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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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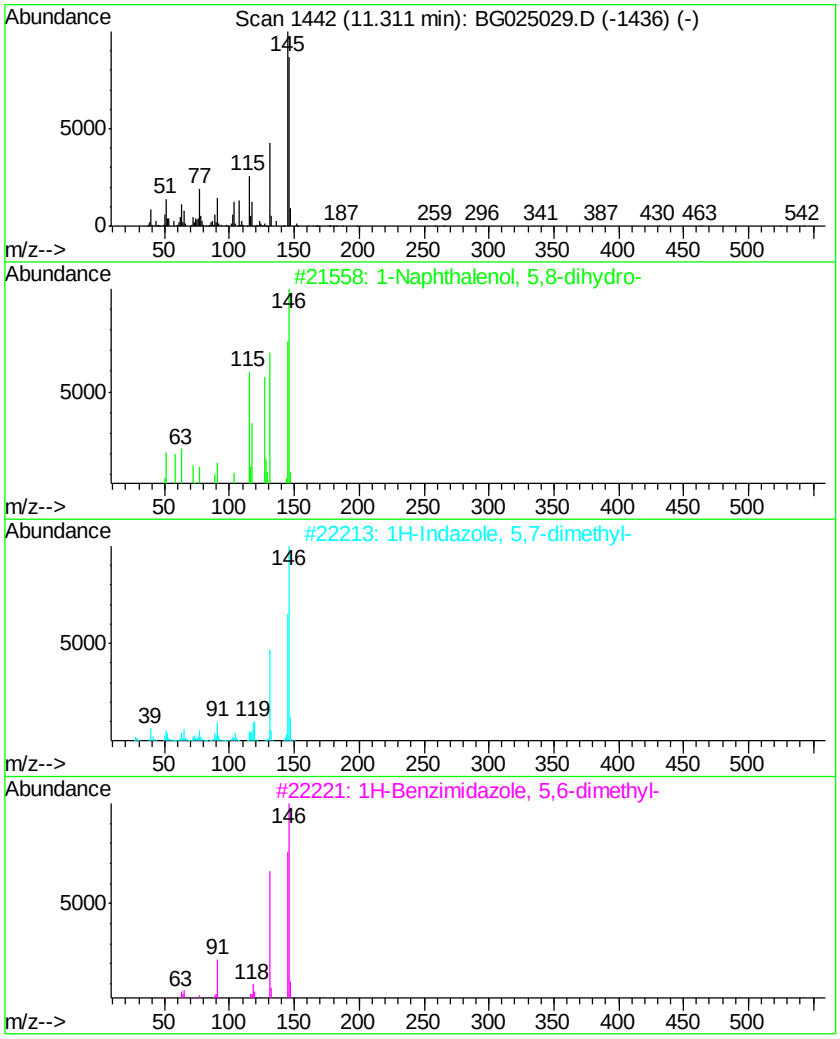
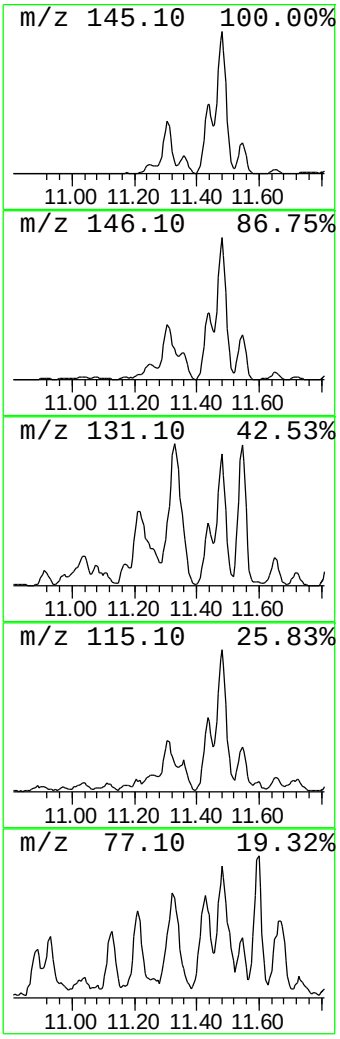
Peak Number 11 1-Naphthalenol, 5,8-dihydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	32.44 ng/ul	6732250	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	50
2	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	49
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	47





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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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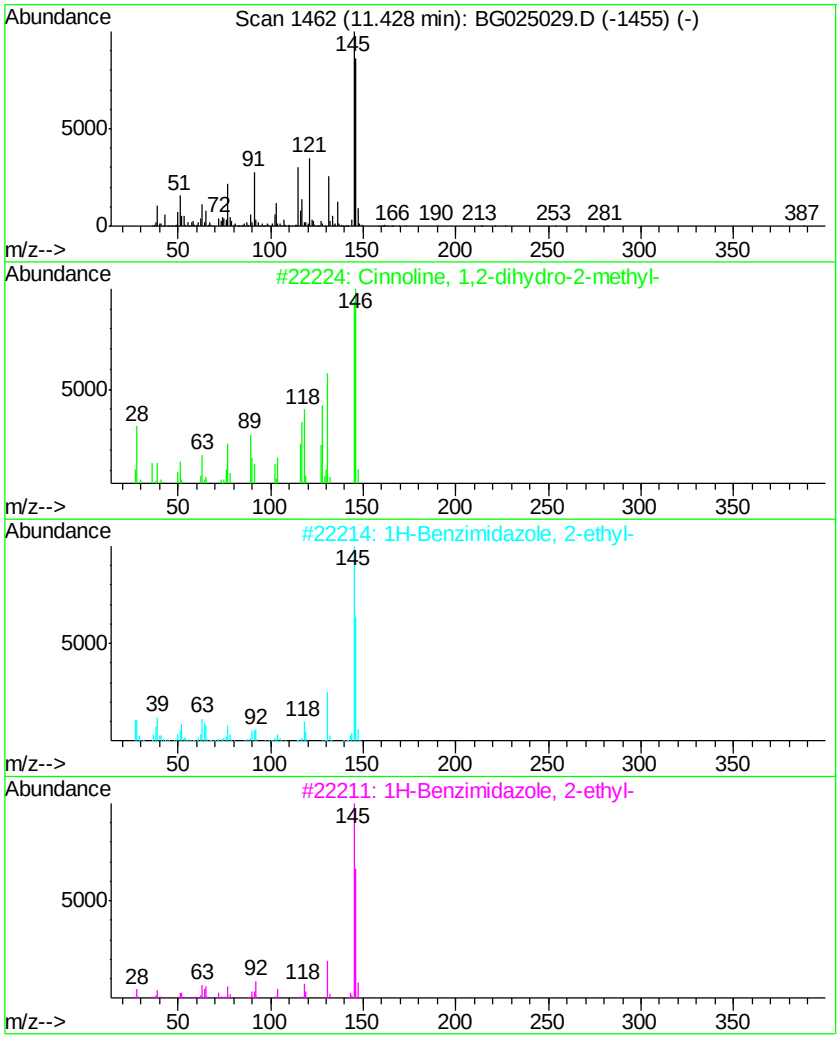
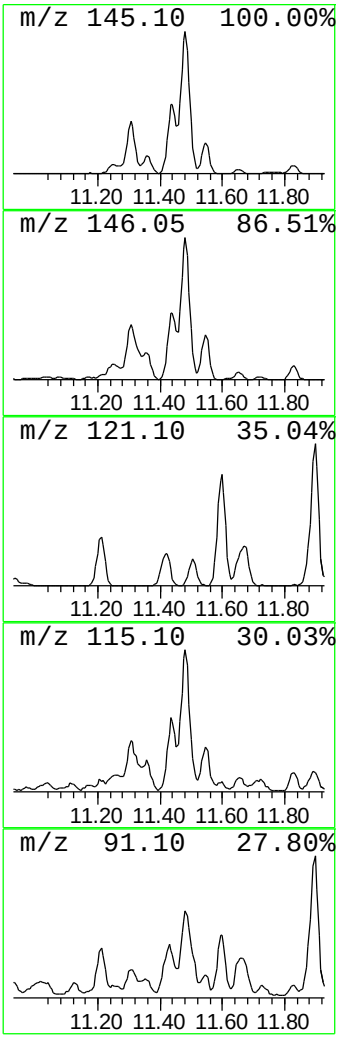
Peak Number 12 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	27.38 ng/ul	5682590	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	64
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
5	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	58





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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Quant Title : SVOA CALIBRATION

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

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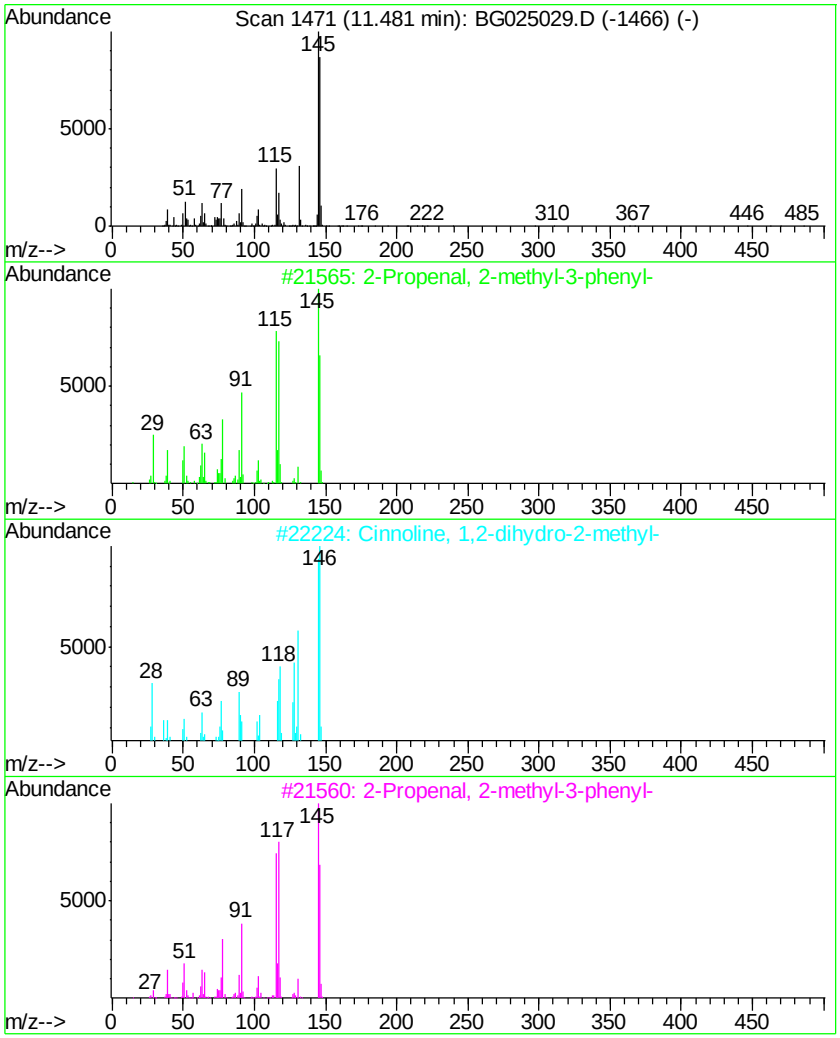
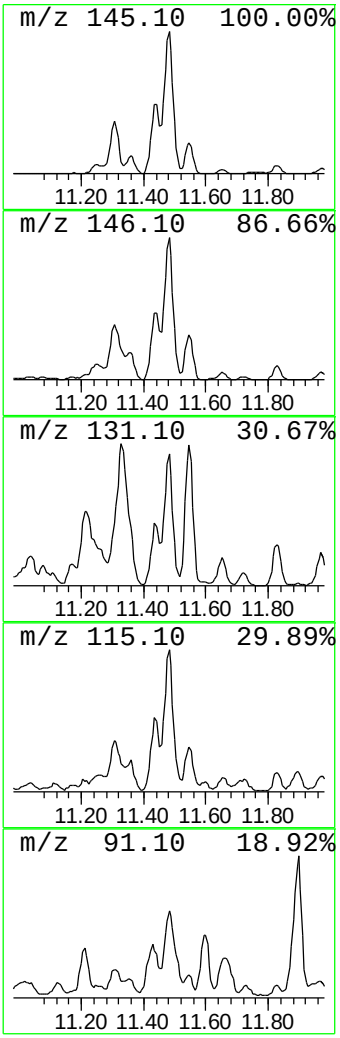
Peak Number 13 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	47.17 ng/ul	9789790	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	83
2	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	80
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	72
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
5	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	59





Library Search Compound Report

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Sample : H5863-22
Misc :
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Instrument : BNA_G
ClientSampleId : DA802

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Quant Title : SVOA CALIBRATION

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

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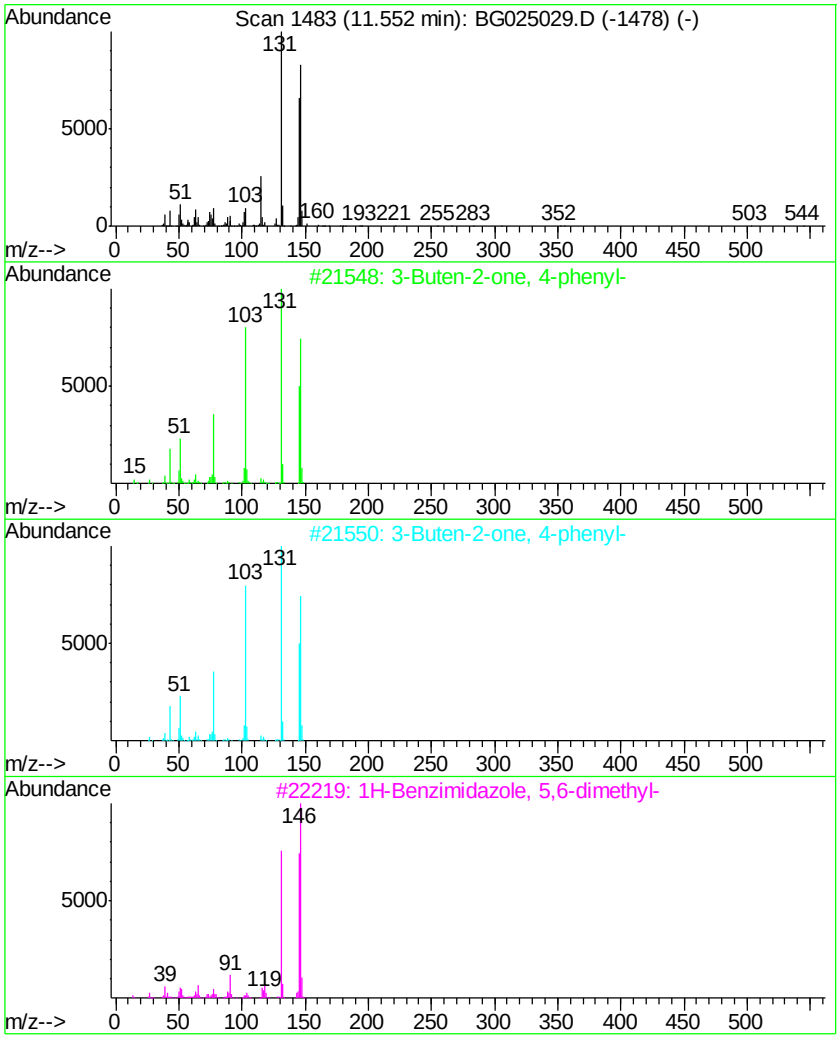
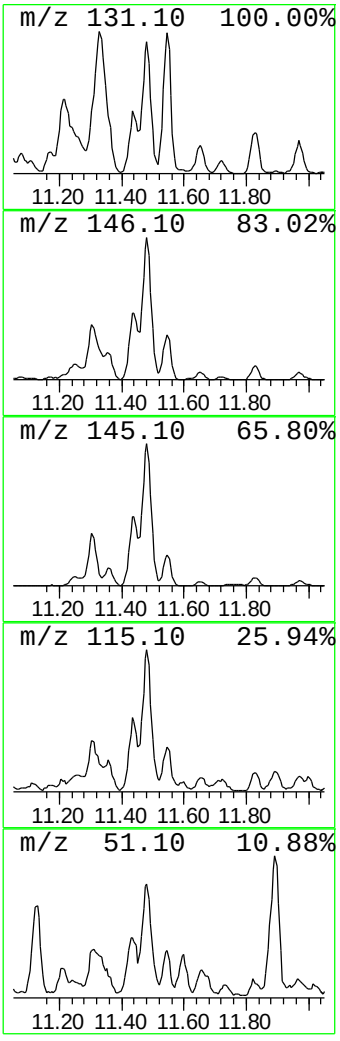
Peak Number 14 3-Buten-2-one, 4-phenyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	10.44 ng/ul	2166010	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	87
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	87
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	83
4	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	78
5	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	72





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Instrument : BNA_G
ClientSampleId : DA802

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Quant Title : SVOA CALIBRATION

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

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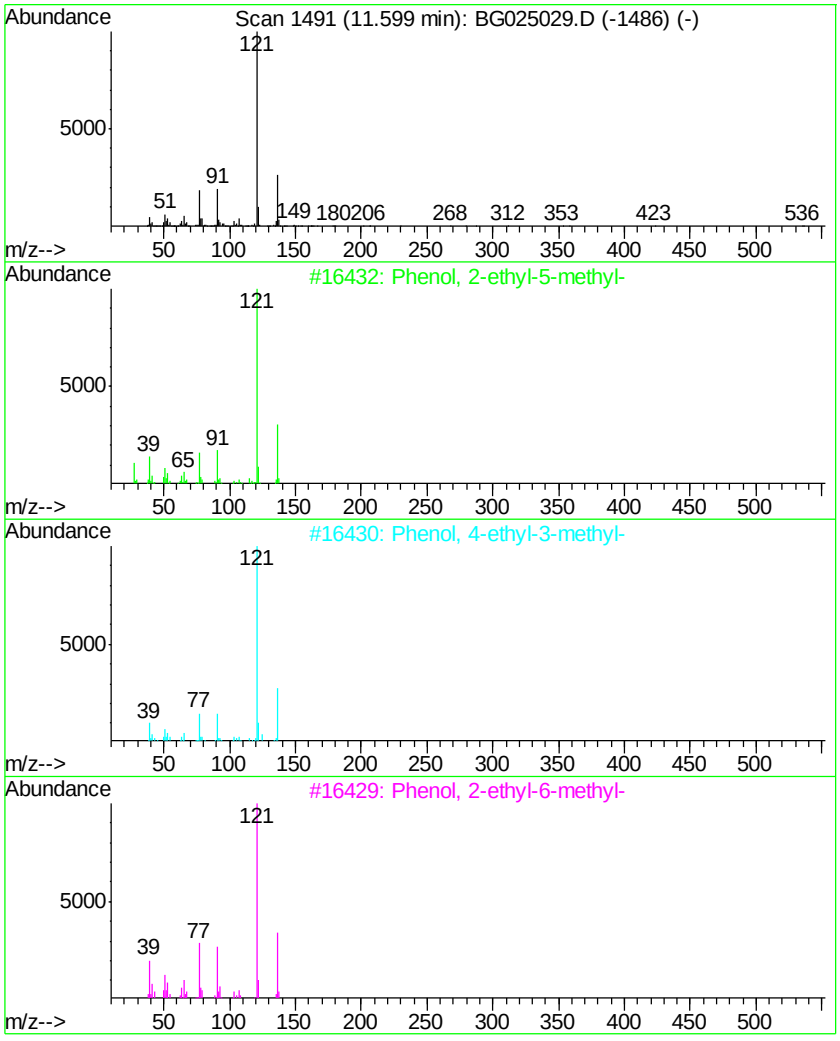
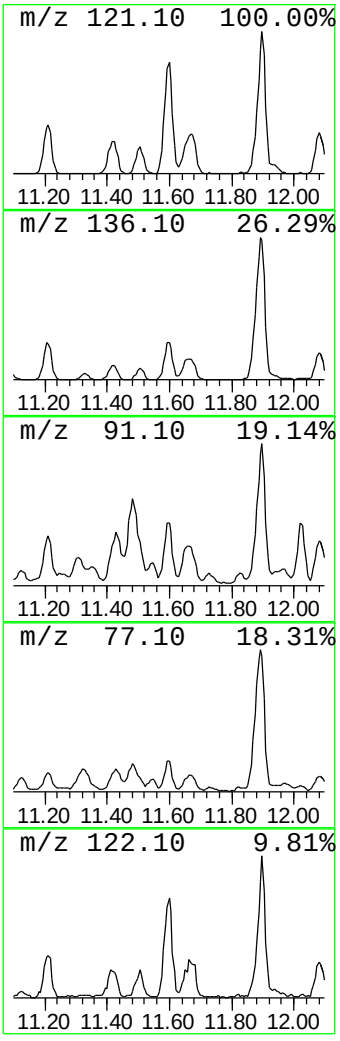
Peak Number 15 Phenol, 2-ethyl-5-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	15.08 ng/ul	3130240	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90





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Instrument : BNA_G
ClientSampleId : DA802

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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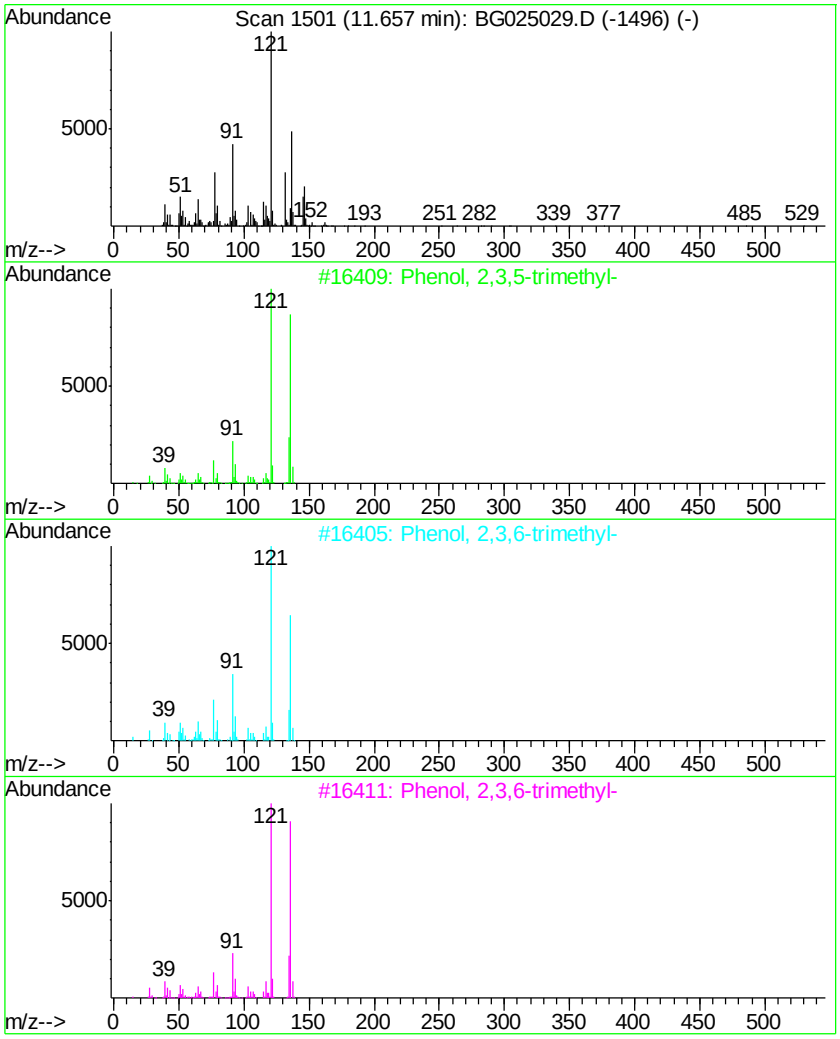
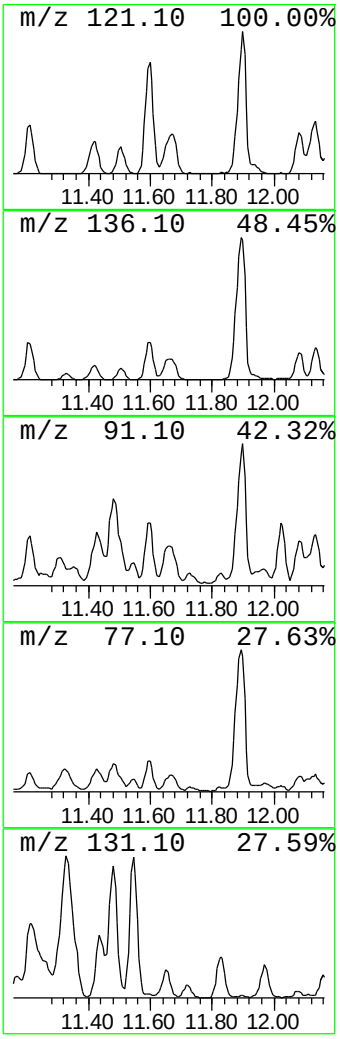
Peak Number 16 Phenol, 2,3,5-trimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	12.70 ng/ul	2635190	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	86
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	76
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	76
4	Phenol, 3-(1-methylethyl)-, meth...	193	C11H15NO2	000064-00-6	64
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	64





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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Quant Title : SVOA CALIBRATION

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

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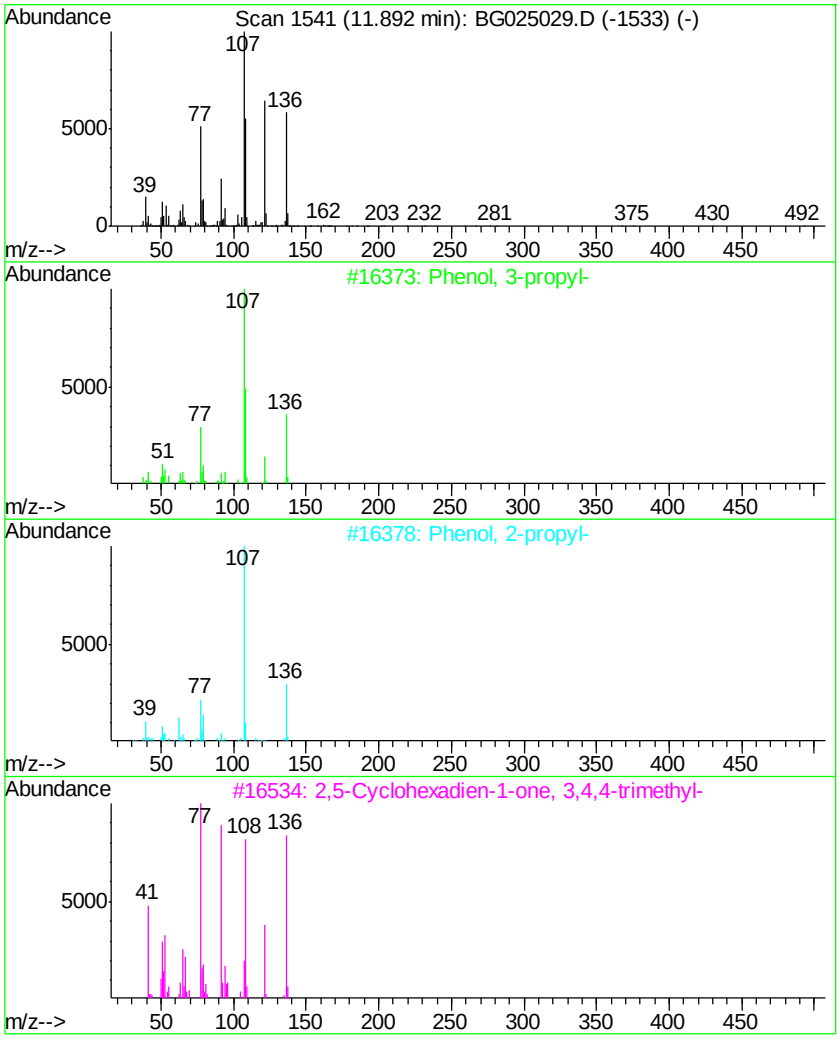
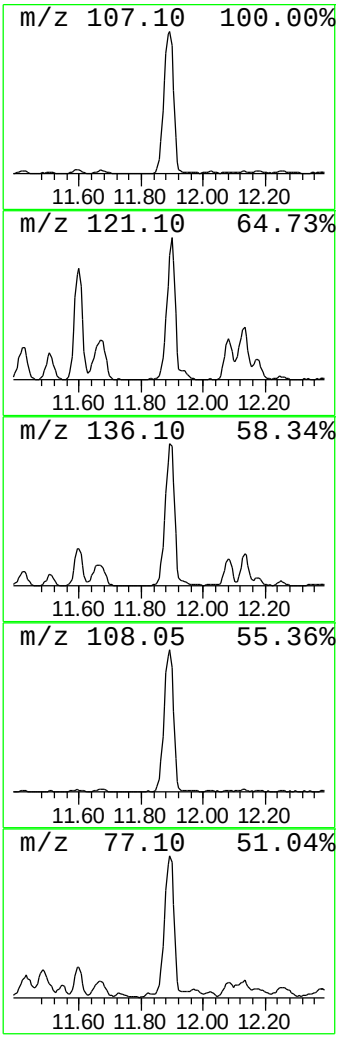
Peak Number 17 Phenol, 3-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	67.46 ng/ul	14002300	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	91
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	58
3	2,5-Cyclohexadien-1-one, 3,4,4-t...	136	C9H12O	017429-31-1	49
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	46
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	46





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Instrument : BNA_G
ClientSampleId : DA802

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Quant Title : SVOA CALIBRATION

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

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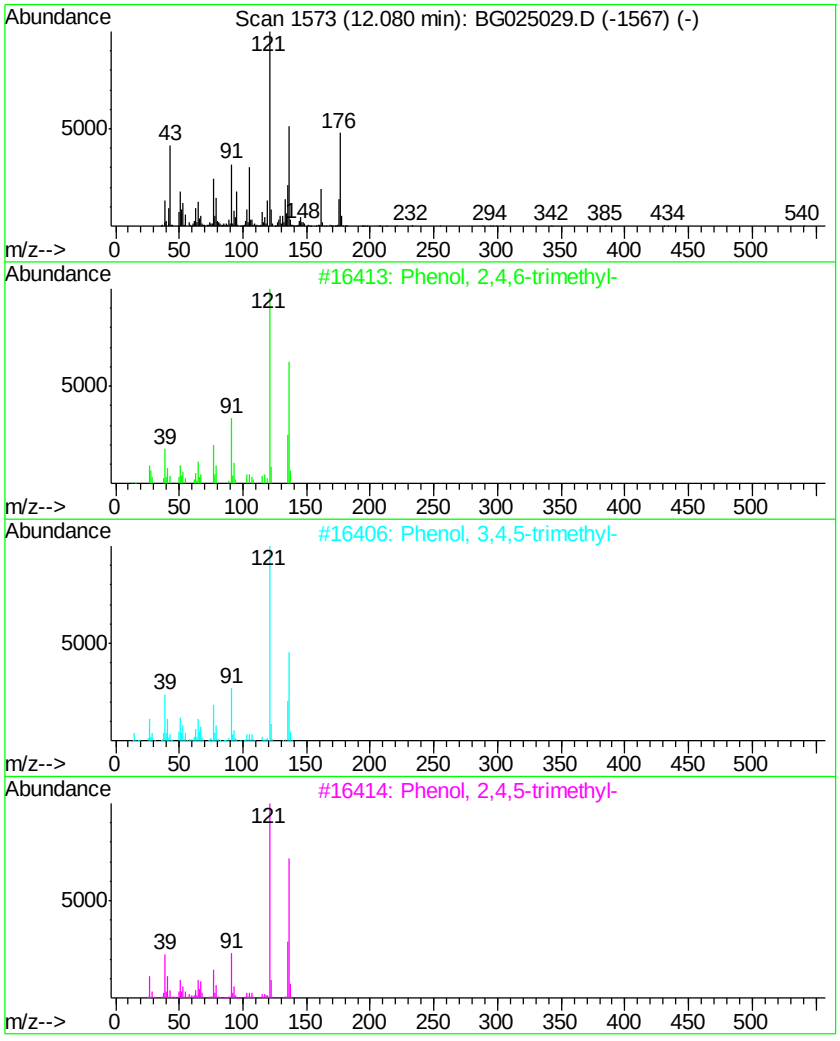
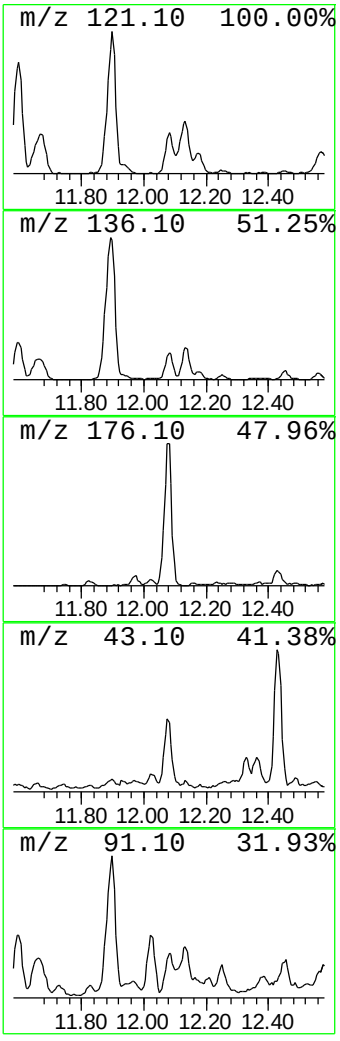
Peak Number 18 Phenol, 2,4,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	18.62 ng/ul	3865150	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	50
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	49
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	46
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	46
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	46





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Instrument : BNA_G
ClientSampleId : DA802

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

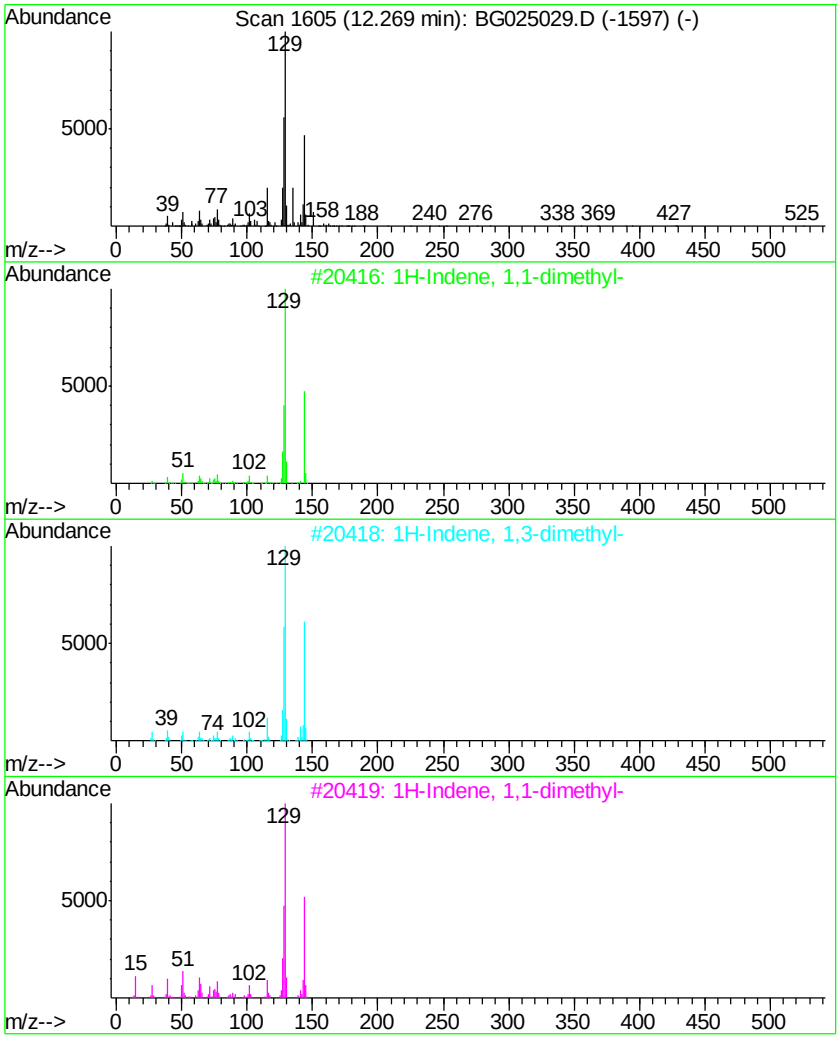
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

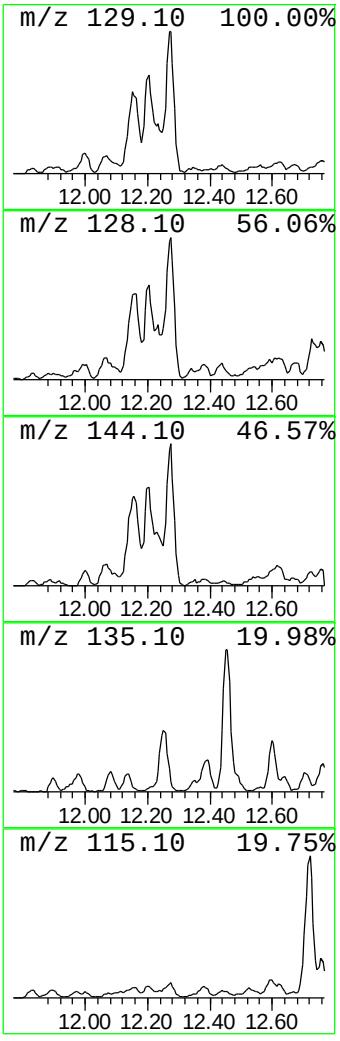
****

Peak Number 20 1H-Indene, 1,1-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	20.79 ng/ul	4315150	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
4	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	83
5	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	81





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Acq On : 9 Dec 2016 5:48
Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

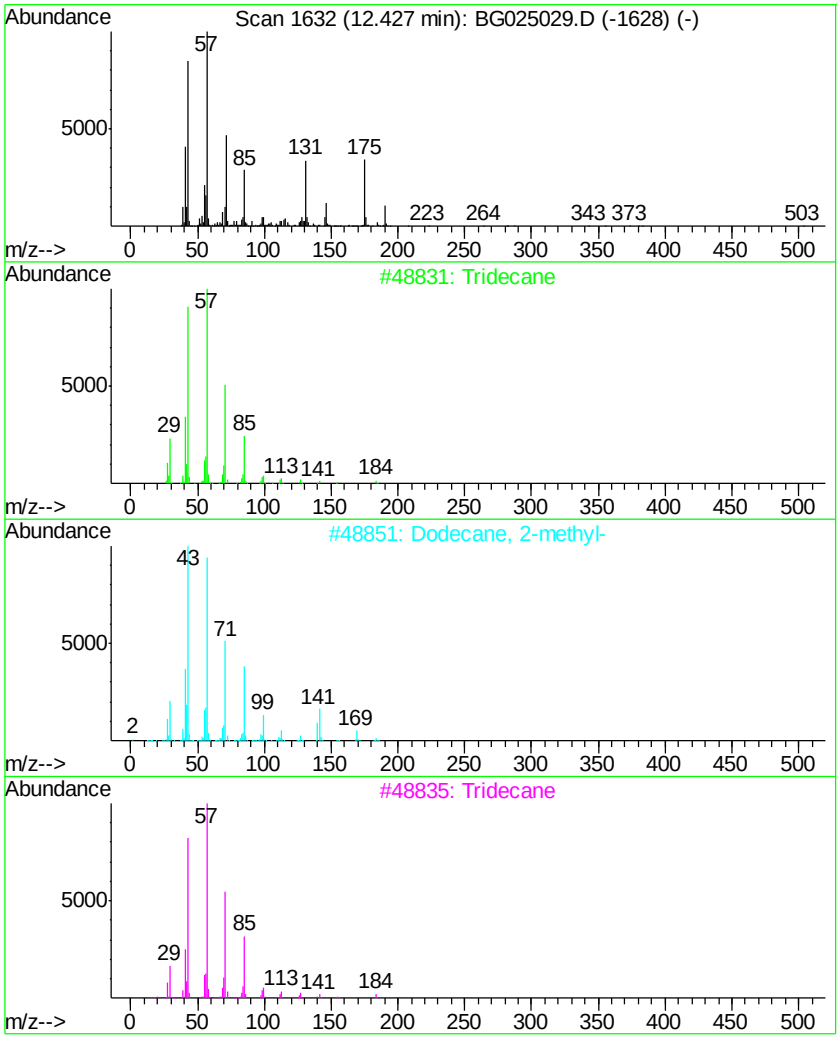
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

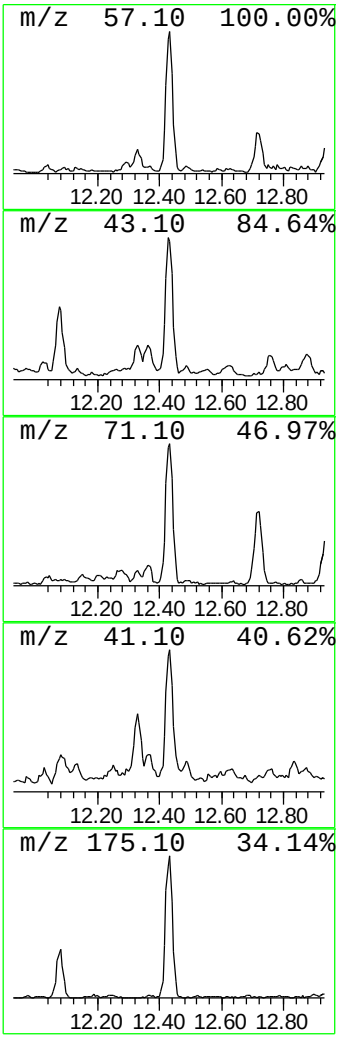
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	23.36 ng/ul	4848330	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	49
3	Tridecane	184	C13H28	000629-50-5	46
4	Tritetracontane	605	C43H88	007098-21-7	38
5	Dodecane	170	C12H26	000112-40-3	38





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Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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

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

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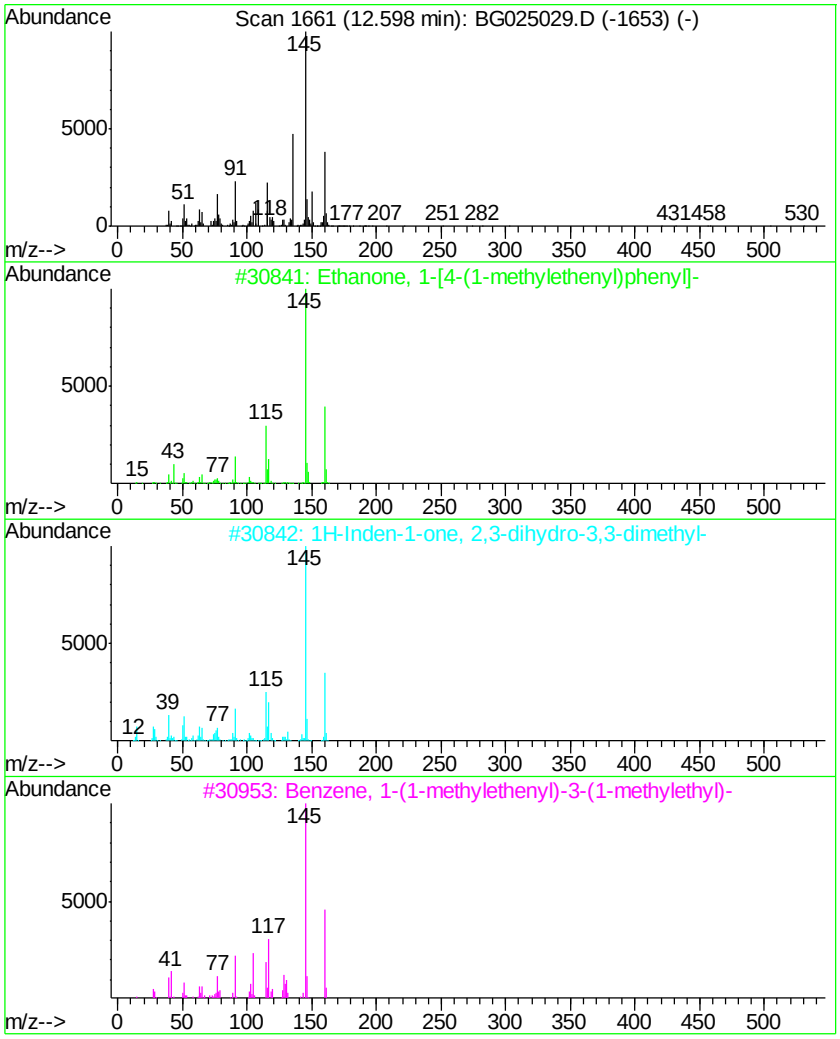
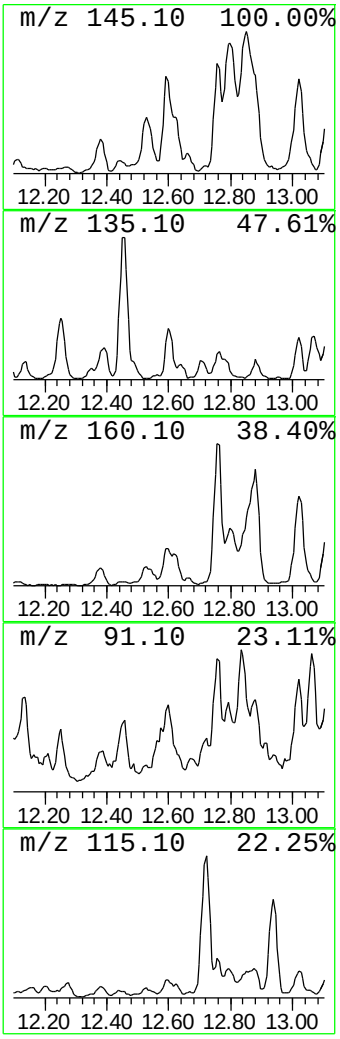
Peak Number 22 Ethanone, 1-[4-(1-methyleth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	23.57 ng/ul	4891590	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	64
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	58
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	52
4	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	49
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49





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Instrument : BNA_G
ClientSampleId : DA802

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Quant Title : SVOA CALIBRATION

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

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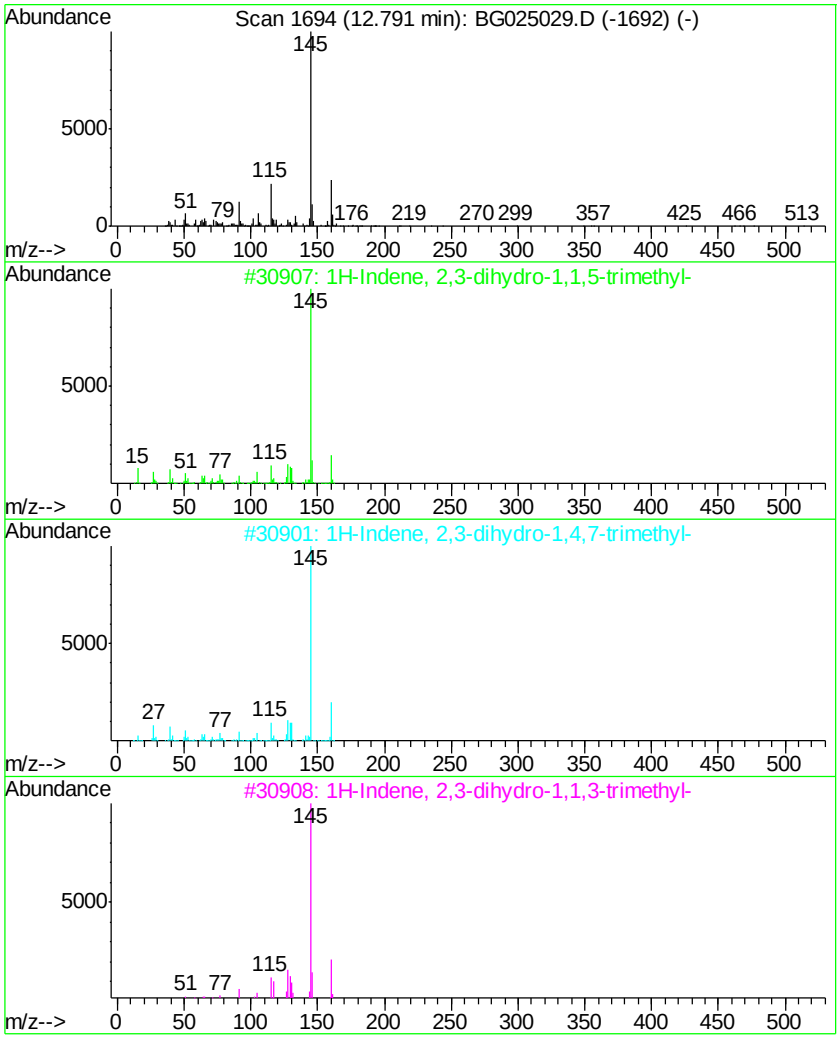
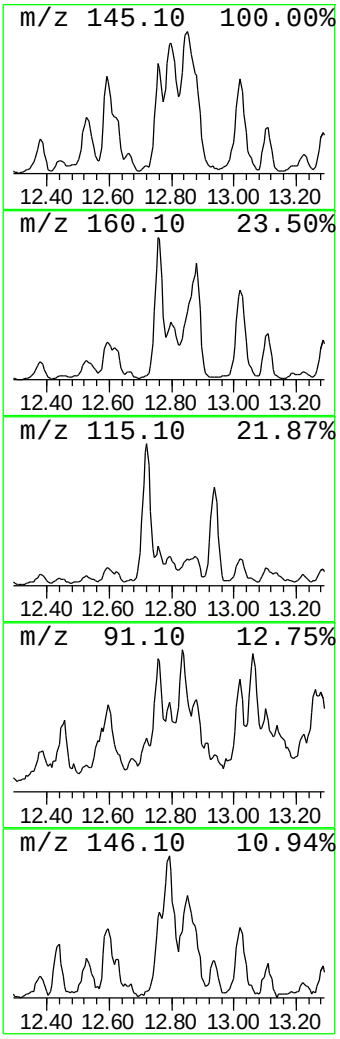
Peak Number 23 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	11.63 ng/ul	2414500	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	86
2	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	64
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
4	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	64
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	59





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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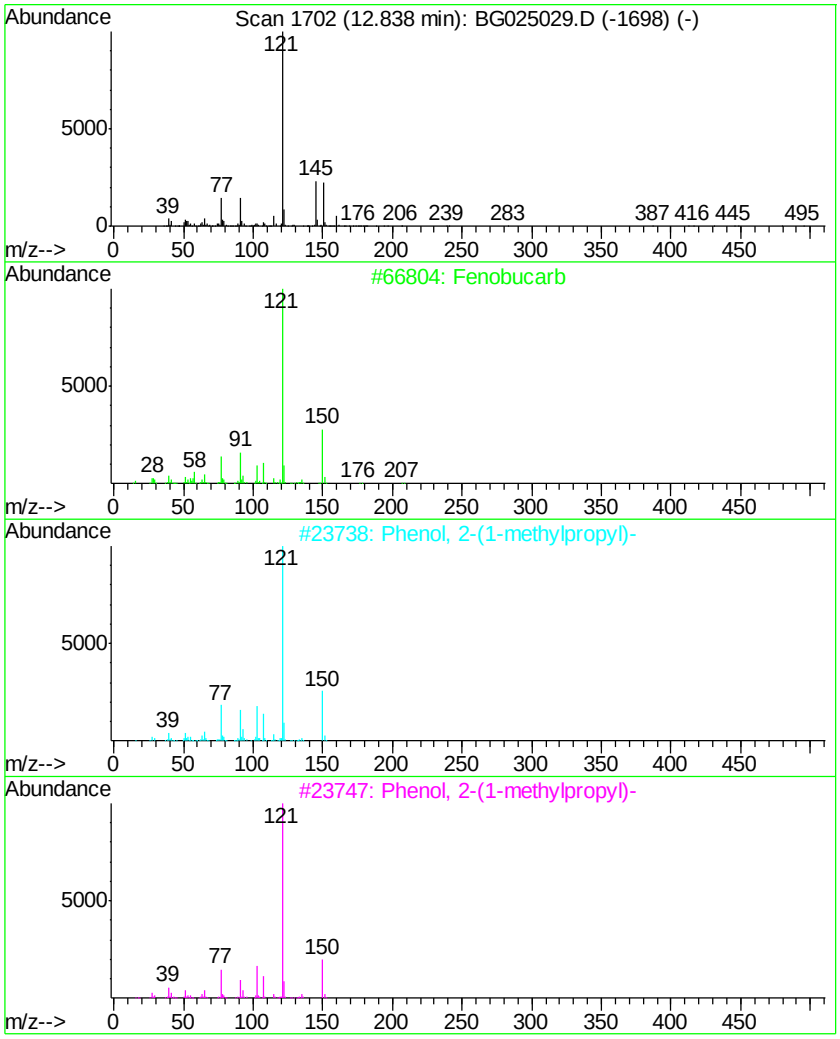
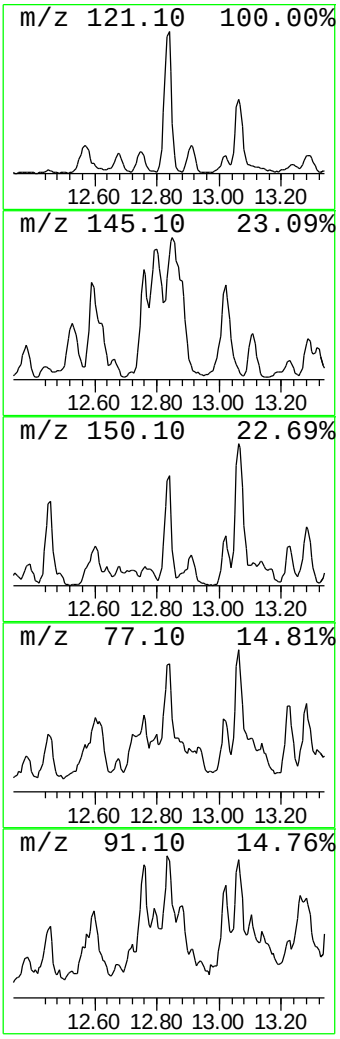
Peak Number 24 Fenobucarb Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	23.31 ng/ul	4838290	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenobucarb	207	C12H17NO2	003766-81-2	72
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	72
3	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	72
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	64
5	(4-Methoxy-benzyl)-phenethyl-amine	241	C16H19NO	1000300-71-3	64





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Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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Quant Title : SVOA CALIBRATION

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

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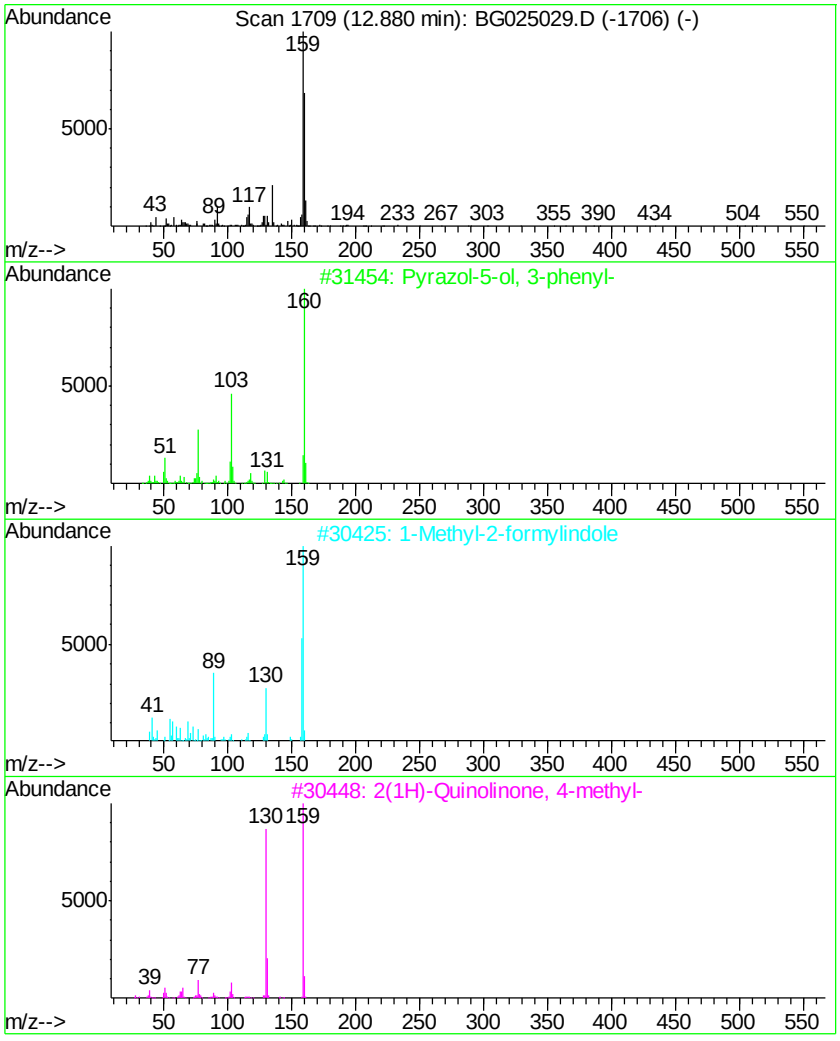
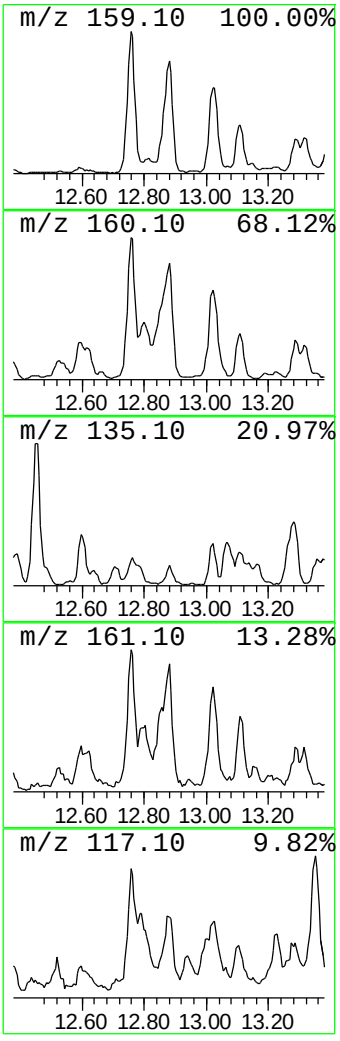
Peak Number 25 unknown-01 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	14.80 ng/ul	3071090	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazol-5-ol, 3-phenyl-	160	C9H8N2O	1000262-22-0	25
2	1-Methyl-2-formylindole	159	C10H9NO	027421-51-8	25
3	2(1H)-Quinolinone, 4-methyl-	159	C10H9NO	000607-66-9	23
4	Quinazoline, 4-methyl-, 1-oxide	160	C9H8N2O	037920-72-2	18
5	4-Quinolinol, 2-methyl-	159	C10H9NO	000607-67-0	17





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Instrument : BNA_G
ClientSampleId : DA802

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Quant Title : SVOA CALIBRATION

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

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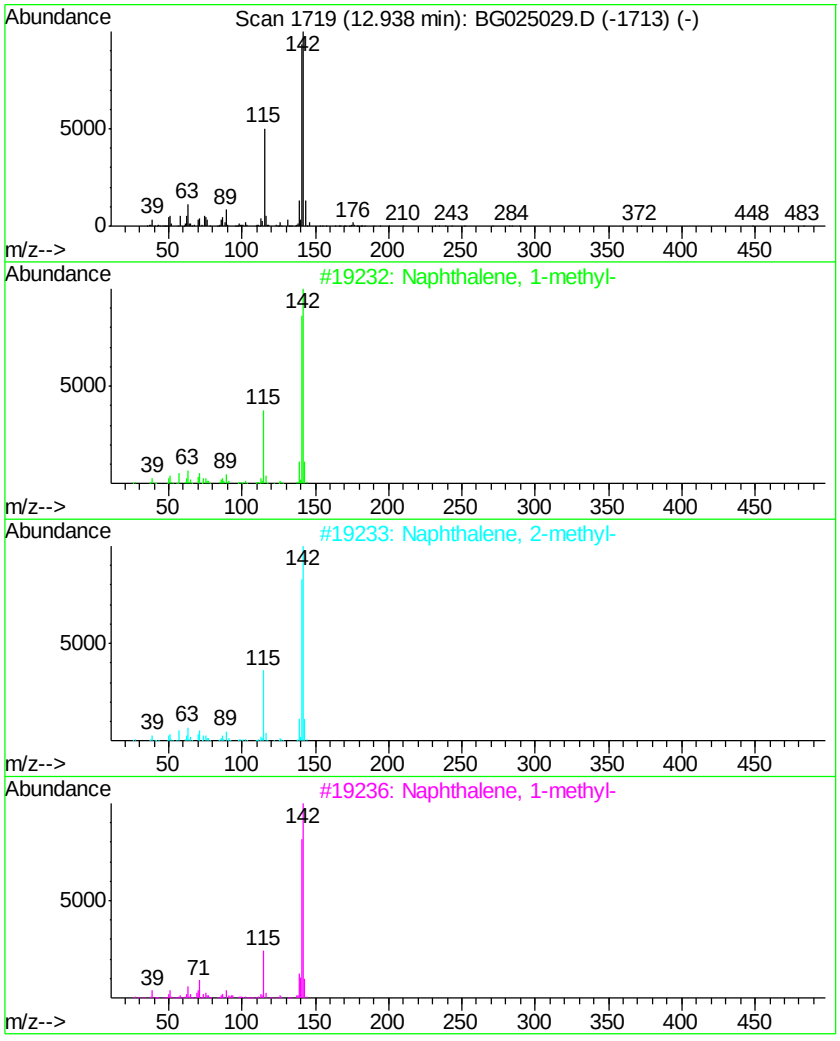
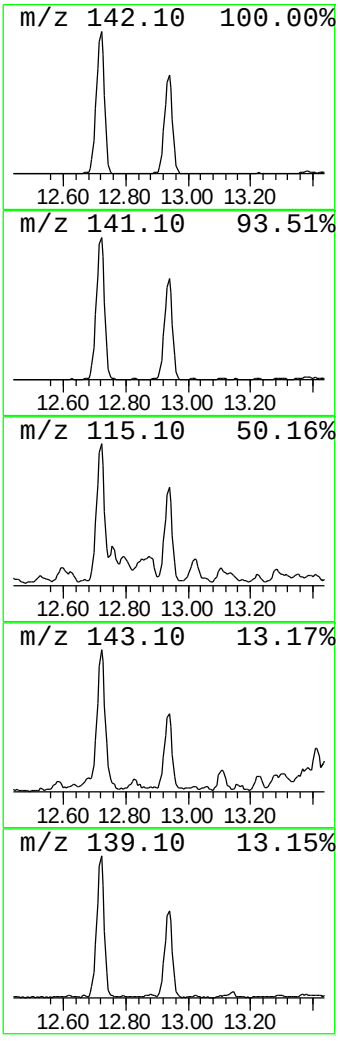
Peak Number 26 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	36.17 ng/ul	7507040	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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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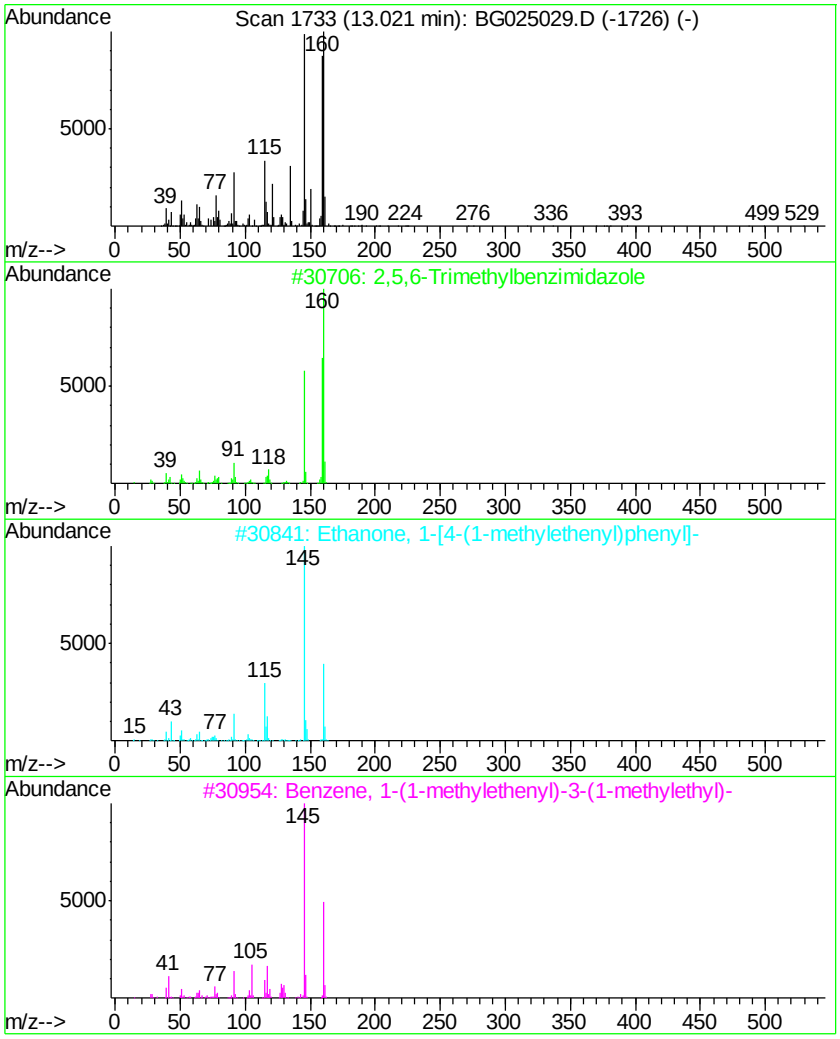
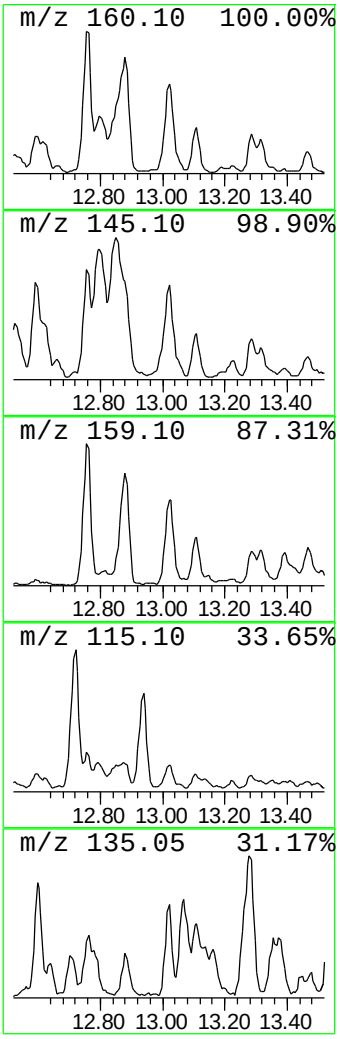
Peak Number 27 2,5,6-Trimethylbenzimidazole Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	17.06 ng/ul	5005420	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	72
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	55
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	49
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	46
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	46





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Instrument : BNA_G
ClientSampleId : DA802

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Quant Title : SVOA CALIBRATION

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

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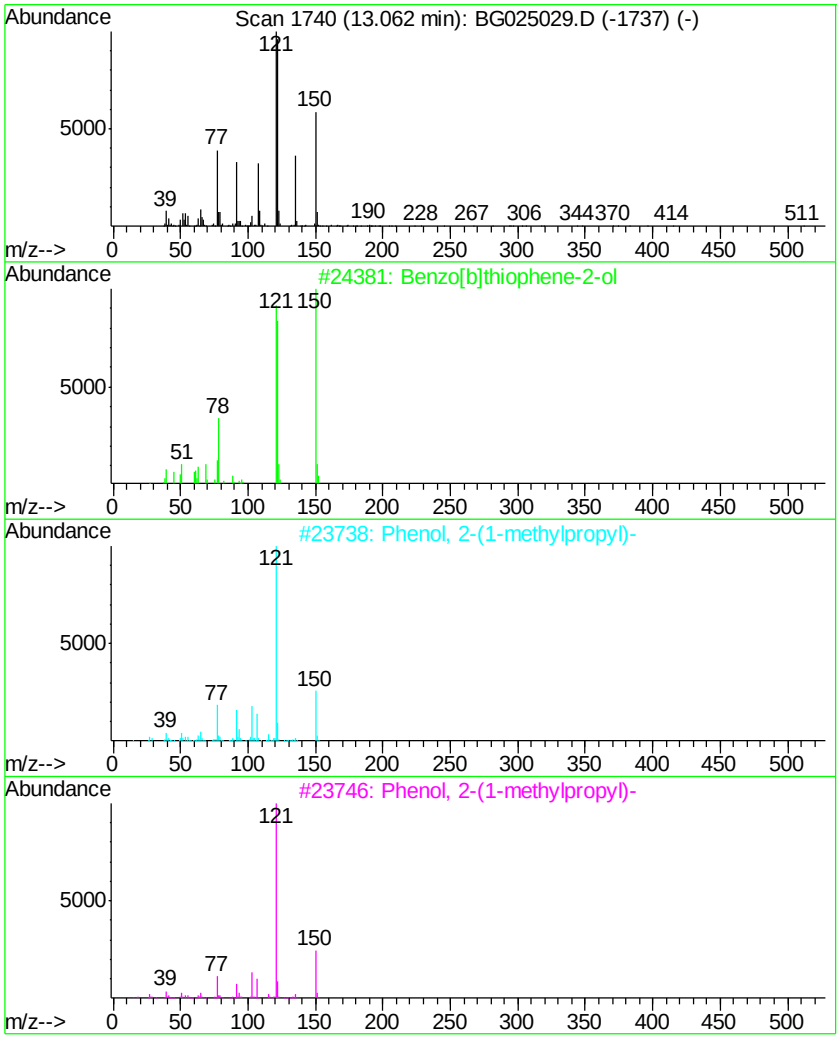
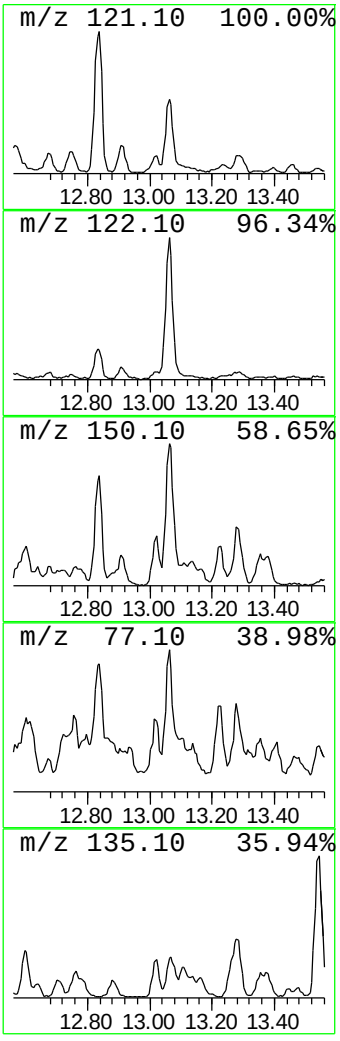
Peak Number 28 Benzo[b]thiophene-2-ol Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	5.29 ng/ul	1553040	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene-2-ol	150	C8H6OS	000496-31-1	53
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	49
3	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	49
4	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	47
5	1,3-Benzodioxole	122	C7H6O2	000274-09-9	46





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Instrument : BNA_G
ClientSampleId : DA802

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Quant Title : SVOA CALIBRATION

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

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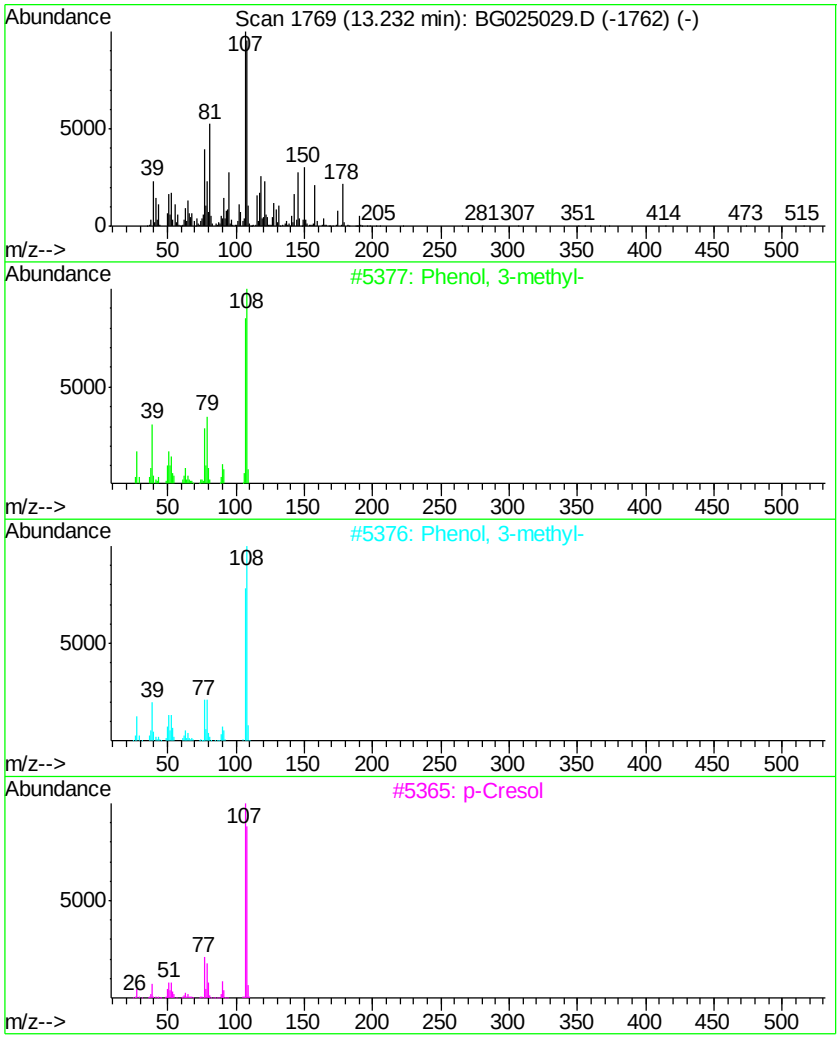
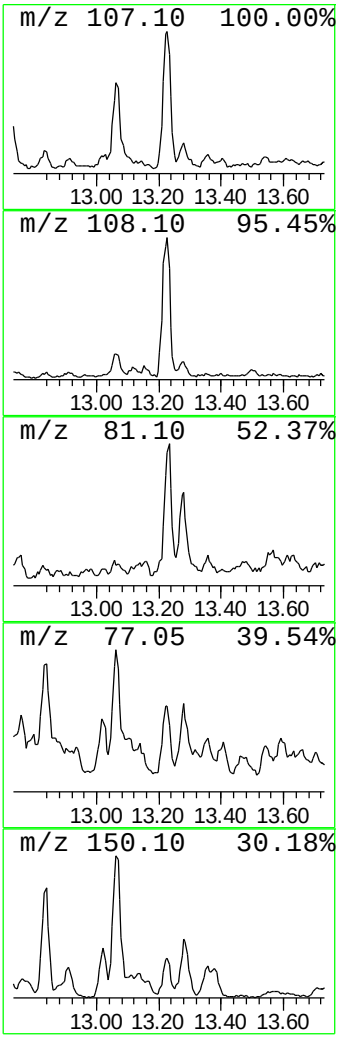
Peak Number 30 Phenol, 3-methyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	10.34 ng/ul	3034140	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-methyl-	108	C7H8O	000108-39-4	55
2	Phenol, 3-methyl-	108	C7H8O	000108-39-4	55
3	p-Cresol	108	C7H8O	000106-44-5	49
4	p-Cresol	108	C7H8O	000106-44-5	49
5	2-Acetyl-1-phenylhydrazine	150	C8H10N2O	000114-83-0	46





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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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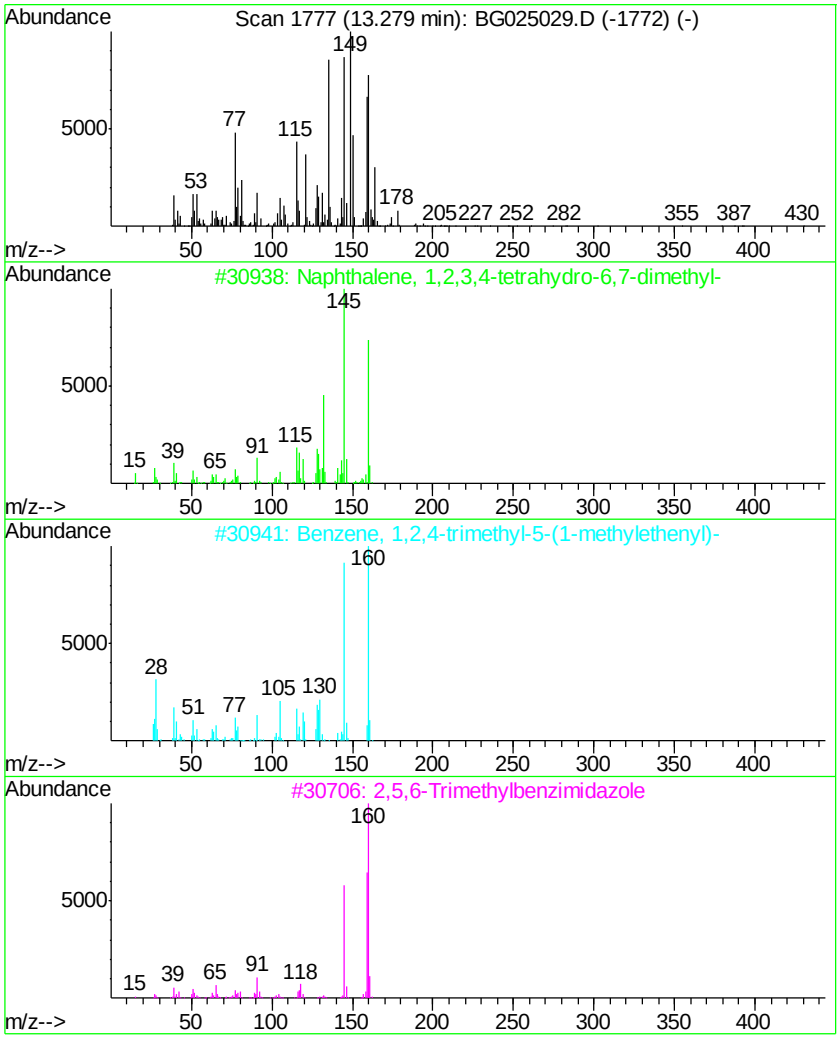
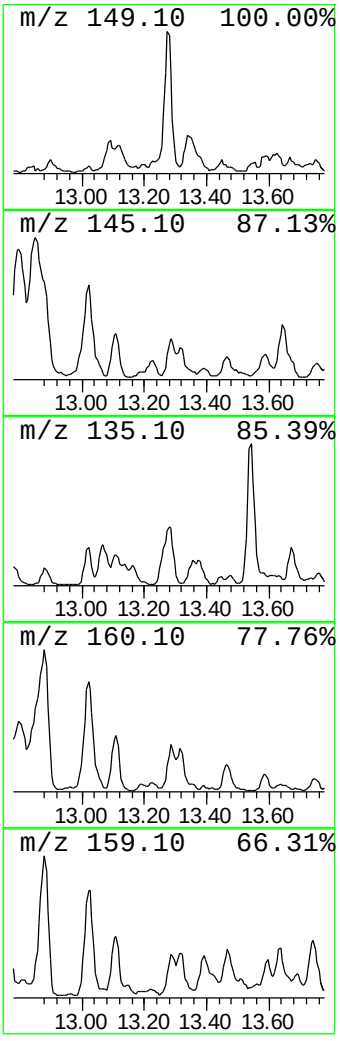
Peak Number 31 unknown-02 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	13.77 ng/ul	4039960	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	38
2	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	30
3	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	25
4	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	25
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	20





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Quant Title : SVOA CALIBRATION

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

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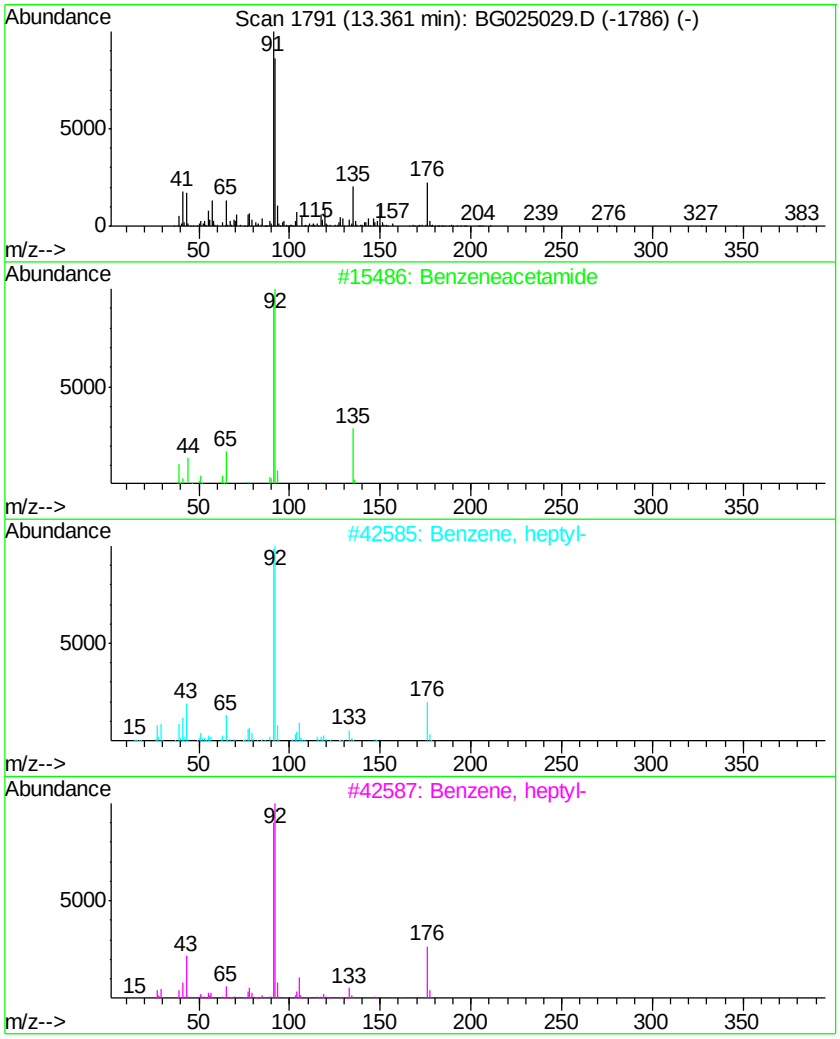
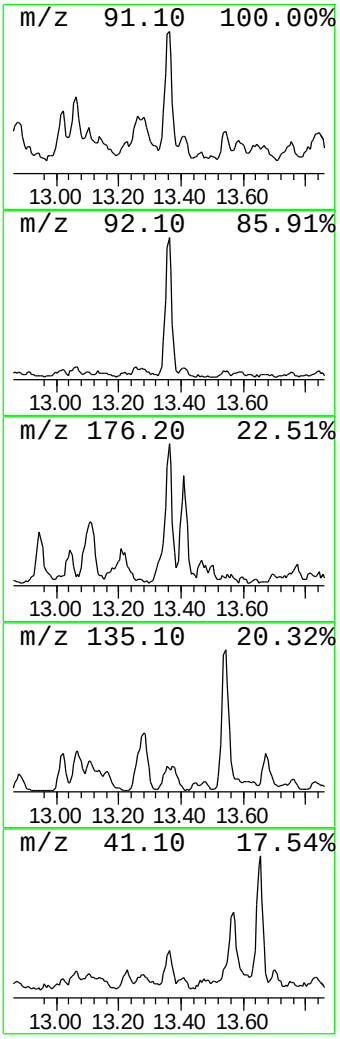
Peak Number 32 Benzeneacetamide Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	6.90 ng/ul	2024580	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetamide	135	C8H9NO	000103-81-1	64
2	Benzene, heptyl-	176	C13H20	001078-71-3	49
3	Benzene, heptyl-	176	C13H20	001078-71-3	47
4	Benzene, (2-methylbutyl)-	148	C11H16	003968-85-2	47
5	Benzene, pentyl-	148	C11H16	000538-68-1	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025029.D
Acq On : 9 Dec 2016 5:48
Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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

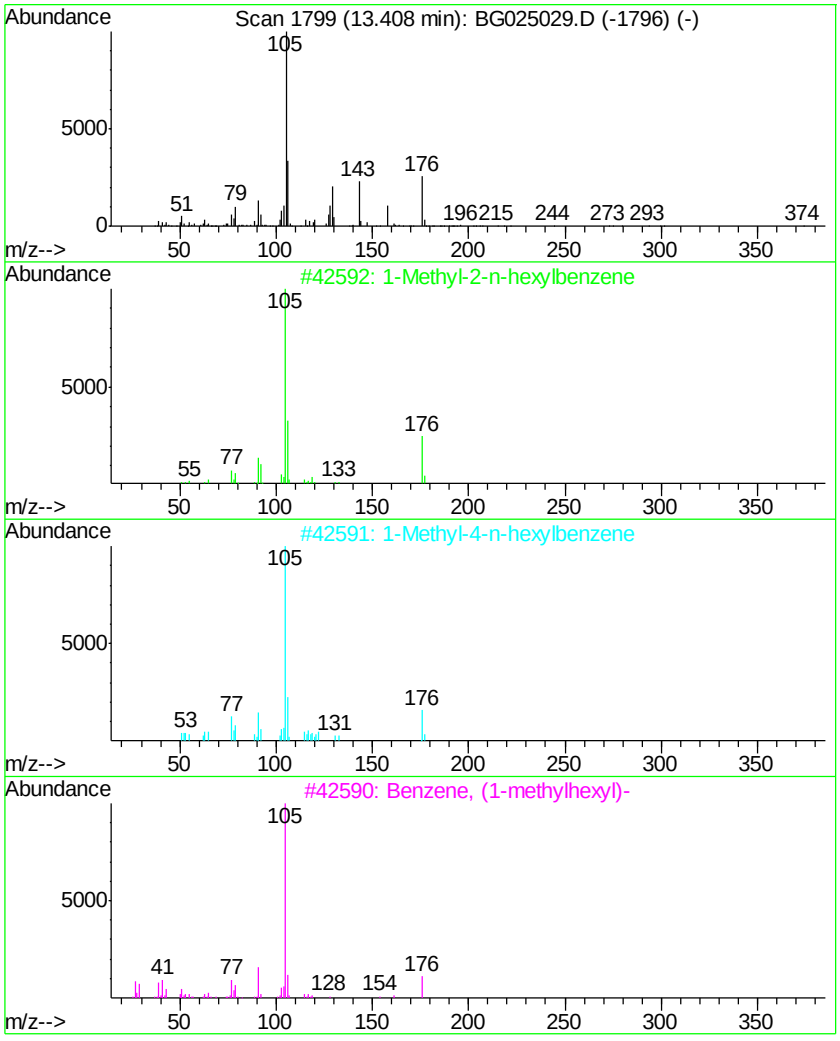
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

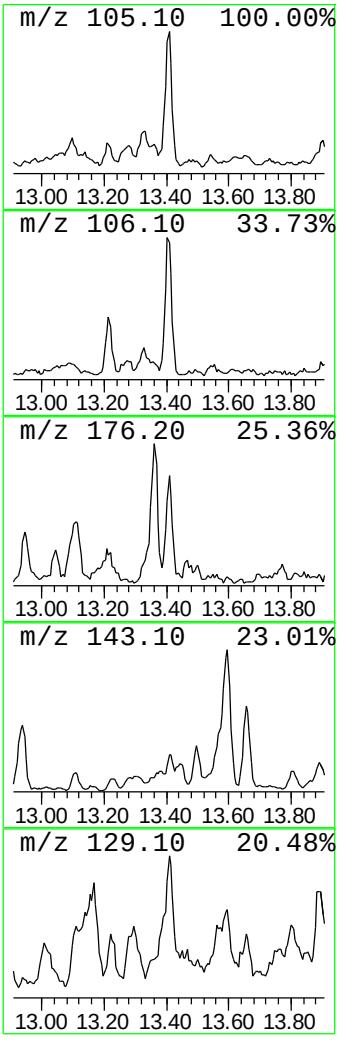
****

Peak Number 33 unknown-03 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	5.47 ng/ul	1604250	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-n-hexylbenzene	176	C13H20	001595-10-4	35
2	1-Methyl-4-n-hexylbenzene	176	C13H20	001595-01-3	27
3	Benzene, (1-methylhexyl)-	176	C13H20	002132-84-5	27
4	1-Penten-4-yn-3-ol, 1-phenyl-	158	C11H10O	014604-31-0	14
5	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025029.D
Acq On : 9 Dec 2016 5:48
Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802

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...	5.85	23.9	ng/ul	2764080	1	8.24	2314870	20.0
Benzene, 1,2,3-tr...	7.87	20.0	ng/ul	2314870	1	8.24	2314870	20.0
Fumaric acid, myr...	8.88	13.3	ng/ul	1538160	1	8.24	2314870	20.0
Phenol, 2,6-dimet...	9.67	7.3	ng/ul	1520400	2	11.08	4151010	20.0
Benzofuran, 2-met...	9.72	14.1	ng/ul	2916200	2	11.08	4151010	20.0
Phenol, 3-ethyl-	10.50	51.5	ng/ul	10689400	2	11.08	4151010	20.0
Benzene, 1-methox...	10.54	20.5	ng/ul	4246630	2	11.08	4151010	20.0
Phenol, 2-ethyl-6...	10.89	11.8	ng/ul	2450750	2	11.08	4151010	20.0
1-Naphthalenol, 5...	11.31	32.4	ng/ul	6732250	2	11.08	4151010	20.0
Cinnoline, 1,2-di...	11.43	27.4	ng/ul	5682590	2	11.08	4151010	20.0
2-Propenal, 2-met...	11.48	47.2	ng/ul	9789790	2	11.08	4151010	20.0
3-Buten-2-one, 4-...	11.55	10.4	ng/ul	2166010	2	11.08	4151010	20.0
Phenol, 2-ethyl-5...	11.60	15.1	ng/ul	3130240	2	11.08	4151010	20.0
Phenol, 2,3,5-tri...	11.66	12.7	ng/ul	2635190	2	11.08	4151010	20.0
Phenol, 3-propyl-	11.89	67.5	ng/ul	14002300	2	11.08	4151010	20.0
Phenol, 2,4,6-tri...	12.08	18.6	ng/ul	3865150	2	11.08	4151010	20.0
1H-Indene, 1,1-di...	12.27	20.8	ng/ul	4315150	2	11.08	4151010	20.0
(DEL) Alkane: Str...	12.43	23.4	ng/ul	4848330	2	11.08	4151010	20.0
Ethanone, 1-[4-(1...	12.60	23.6	ng/ul	4891590	2	11.08	4151010	20.0
1H-Indene, 2,3-di...	12.79	11.6	ng/ul	2414500	2	11.08	4151010	20.0
Fenobucarb	12.84	23.3	ng/ul	4838290	2	11.08	4151010	20.0
unknown-01	12.88	14.8	ng/ul	3071090	2	11.08	4151010	20.0
Naphthalene, 1-me...	12.94	36.2	ng/ul	7507040	2	11.08	4151010	20.0
2,5,6-Trimethylbe...	13.02	17.1	ng/ul	5005420	3	14.87	5866440	20.0
Benzo[b]thiophene...	13.06	5.3	ng/ul	1553040	3	14.87	5866440	20.0
Phenol, 3-methyl-	13.23	10.3	ng/ul	3034140	3	14.87	5866440	20.0
unknown-02	13.28	13.8	ng/ul	4039960	3	14.87	5866440	20.0
Benzeneacetamide	13.36	6.9	ng/ul	2024580	3	14.87	5866440	20.0
unknown-03	13.41	5.5	ng/ul	1604250	3	14.87	5866440	20.0