LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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	3.602	125	130	137	rVB8	18945	46949	2.16%	0.144%
2	5.388	425	434	446	rVB6	44790	97030	4.46%	0.297%
3	5.506	446	454	462	rBV6	11890	33664	1.55%	0.103%
4	6.957	692	701	707	rBV8	21705	56520	2.60%	0.173%
5	7.333	761	765	767	rVV3	25373	38479	1.77%	0.118%
6	7.380	767	773	785	rVB2	249828	641123	29.46%	1.964%
7	7.556	796	803	811	rVV	172512	282058	12.96%	0.864%
8	7.768	826	839	847	rBV	231065	431022	19.80%	1.320%
9	7.962	863	872	878	rBV8	12030	36249	1.67%	0.111%
10	8.244	911	920	931	rVB2	295621	543168	24.96%	1.664%
11	8.514	959	966	976	rVB3	55188	124239	5.71%	0.381%
12	8.673	985	993	1003	rVB2	133639	240729	11.06%	0.737%
13	8.884	1023	1029	1032	rVV6	30249	54162	2.49%	0.166%
14	8.937	1032	1038	1043	rVV	312131	560744	25.76%	1.717%
15	9.002	1043	1049	1058	rVV2	340945	676036	31.06%	2.070%
16	9.348	1100	1108	1113	rVB8	23590	49517	2.28%	0.152%
17	9.419	1113	1120	1131	rVB2	244957	441543	20.29%	1.352%
18	9.531	1131	1139	1148	rBV2	24610	70238	3.23%	0.215%
19	9.672	1155	1163	1169	rBV3	56834	106837	4.91%	0.327%
20	10.007	1215	1220	1229	rVB5	65125	122945	5.65%	0.377%
21	10.142	1232	1243	1250	rBV3	198828	415840	19.11%	1.274%
22	10.212	1250	1255	1258	rBV2	165071	275661	12.67%	0.844%
23	10.247	1259	1261	1271	rVV	145684	220995	10.15%	0.677%
24	10.330	1271	1275	1284	rVB7	20568	34911	1.60%	0.107%
25	10.482	1287	1301	1305	rBV	348938	722555	33.20%	2.213%
26	10.676	1318	1334	1343	rBV	360422	701332	32.22%	2.148%
27	10.753	1343	1347	1355	rVB8	22977	38107	1.75%	0.117%
28	10.870	1362	1367	1371	rBV5	36921	73795	3.39%	0.226%
29	10.917	1371	1375	1382	rVB3	61632	115363	5.30%	0.353%
30	11.070	1393	1401	1408	rBV	389642	709815	32.61%	2.174%
31	11.205	1415	1424	1435	rVB2	317248	619665	28.47%	1.898%
32	11.317	1435	1443	1449	rBV5	20654	55278	2.54%	0.169%
33	11.411	1452	1459	1465	rBV4	53608	103189	4.74%	0.316%
34	11.487	1465	1472	1479	rVB5	40653	97096	4.46%	0.297%

LSC Area Percent Report

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Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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	11.581	1482	1488	1494	rBV	111163	192274	8.83%	0.589%
36	11.663	1494	1502	1509	rVB2	58674	142107	6.53%	0.435%
37	11.869	1530	1537	1543	rBV	401165	675533	31.04%	2.069%
38	12.063	1563	1570	1575	rBV3	56067	118678	5.45%	0.363%
39	12.116	1575	1579	1583	rVB3	51898	89959	4.13%	0.276%
40	12.233	1596	1599	1609	rVB9	32946	80514	3.70%	0.247%
41	12.380	1616	1624	1629	rBV9	14898	44995	2.07%	0.138%
42	12.439	1630	1634	1643	rVB4	61639	115089	5.29%	0.352%
43	12.557	1648	1654	1655	rBV5	19704	32262	1.48%	0.099%
44	12.709	1674	1680	1684	rBV5	55671	122433	5.63%	0.375%
45	12.815	1695	1698	1710	rVB4	47210	123719	5.68%	0.379%
46	12.921	1711	1716	1726	rVB8	47601	109215	5.02%	0.334%
47	13.009	1726	1731	1733	rBV5	37258	67674	3.11%	0.207%
48	13.044	1733	1737	1742	rBV5	47158	70542	3.24%	0.216%
49	13.203	1760	1764	1770	rBV7	26327	56742	2.61%	0.174%
50	13.267	1770	1775	1783	rVV10	45299	129345	5.94%	0.396%
51	13.338	1783	1787	1796	rVB10	37125	97096	4.46%	0.297%
52	13.461	1802	1808	1813	rVB9	20954	39349	1.81%	0.121%
53	13.526	1815	1819	1822	rBV4	23442	31577	1.45%	0.097%
54	13.567	1823	1826	1834	rVB10	17888	46451	2.13%	0.142%
55	13.643	1834	1839	1844	rVB7	30778	52769	2.42%	0.162%
56	13.832	1866	1871	1877	rVB9	25149	46707	2.15%	0.143%
57	13.896	1877	1882	1884	rBV5	20579	33541	1.54%	0.103%
58	13.996	1894	1899	1902	rBV7	36963	70723	3.25%	0.217%
59	14.178	1925	1930	1935	rVV7	35953	73631	3.38%	0.226%
60	14.255	1935	1943	1947	rVV	657535	1063459	48.86%	3.257%
61	14.296	1947	1950	1955	rVV	227108	336153	15.44%	1.030%
62	14.349	1955	1959	1964	rVB6	56548	97444	4.48%	0.298%
63	14.560	1988	1995	2004	rBV	631463	1068382	49.09%	3.272%
64	14.707	2017	2020	2025	rVB4	40012	51031	2.34%	0.156%
65	14.819	2034	2039	2041	rBV4	37980	56324	2.59%	0.173%
66	14.860	2041	2046	2056	rVB2	711576	1147600	52.73%	3.515%
67	15.042	2072	2077	2090	rVB3	241657	468340	21.52%	1.434%
68	15.142	2091	2094	2104	rVB3	28824	65147	2.99%	0.200%
69	15.259	2109	2114	2120	rVB5	51388	97894	4.50%	0.300%
70	15.318	2120	2124	2130	rVB9	17638	36250	1.67%	0.111%
71	15.518	2154	2158	2167	rVB9	24356	51610	2.37%	0.158%

LSC Area Percent Report

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Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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	15.612	2167	2174	2177	rBV6	55807	110207	5.06%	0.338%
73	15.653	2178	2181	2190	rVB2	75512	126195	5.80%	0.386%
74	15.847	2203	2214	2226	rBV	875008	1503690	69.09%	4.605%
75	15.958	2227	2233	2241	rVB4	122412	215476	9.90%	0.660%
76	16.458	2311	2318	2322	rVV10	26636	56238	2.58%	0.172%
77	16.511	2322	2327	2339	rVB	101956	184142	8.46%	0.564%
78	16.734	2362	2365	2370	rVB7	25004	33431	1.54%	0.102%
79	17.304	2458	2462	2468	rBV2	86995	113528	5.22%	0.348%
80	17.604	2506	2513	2522	rBV	1015614	1604131	73.70%	4.913%
81	17.703	2522	2530	2540	rVV	1054549	1687686	77.54%	5.169%
82	18.044	2583	2588	2596	rVB	83921	111777	5.14%	0.342%
83	18.215	2611	2617	2629	rVB	21026	66643	3.06%	0.204%
84	18.732	2700	2705	2708	rVV4	37004	51886	2.38%	0.159%
85	19.349	2807	2810	2820	rVV9	24218	46762	2.15%	0.143%
86	19.613	2847	2855	2860	rBV4	29863	62337	2.86%	0.191%
87	19.866	2894	2898	2901	rBV2	44045	56012	2.57%	0.172%
88	19.971	2910	2916	2923	rVB2	1502399	2167642	99.59%	6.639%
89	20.841	3058	3064	3075	rVB	456295	651384	29.93%	1.995%
90	21.475	3166	3172	3180	rBV9	66328	150080	6.90%	0.460%
91	21.893	3235	3243	3255	rVB	1264448	2153772	98.96%	6.596%
92	22.656	3370	3373	3376	rBV5	21698	31439	1.44%	0.096%
93	23.391	3491	3498	3505	rBV3	145314	302948	13.92%	0.928%
94	24.237	3635	3642	3649	rBV8	40294	94317	4.33%	0.289%
95	25.071	3773	3784	3799	rVB3	713559	2134198	98.06%	6.536%
96	25.236	3805	3812	3815	rBV6	48364	131454	6.04%	0.403%
97	25.306	3815	3824	3836	rVB3	717660	2176513	100.00%	6.666%
98	26.423	4006	4014	4025	rVB7	69520	216981	9.97%	0.665%
99	27.839	4246	4255	4271	rBV10	60653	243259	11.18%	0.745%
100	29.578	4543	4551	4561	rVB10	38774	127565	5.86%	0.391%

Sum of corrected areas: 32651106

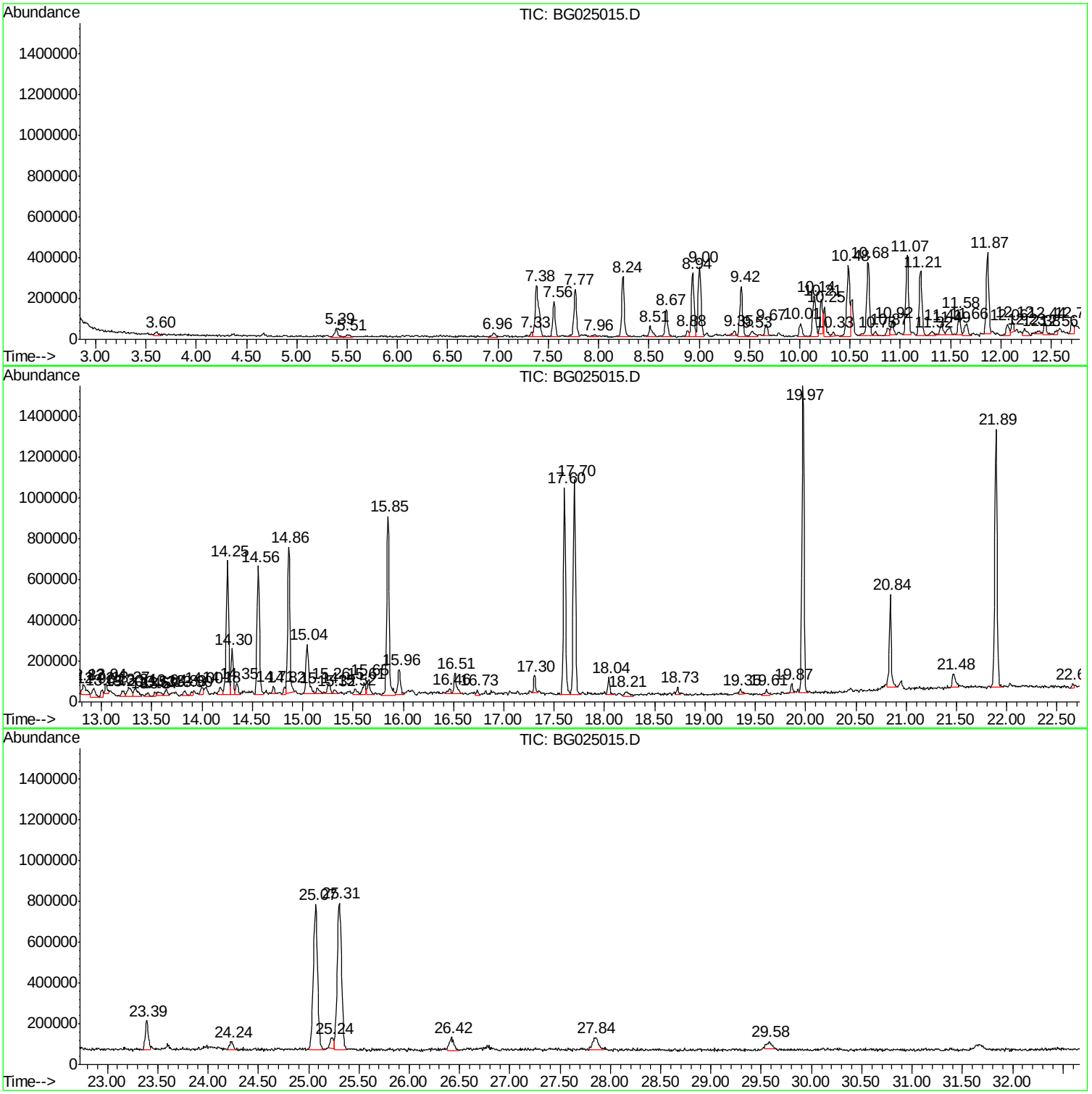
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
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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

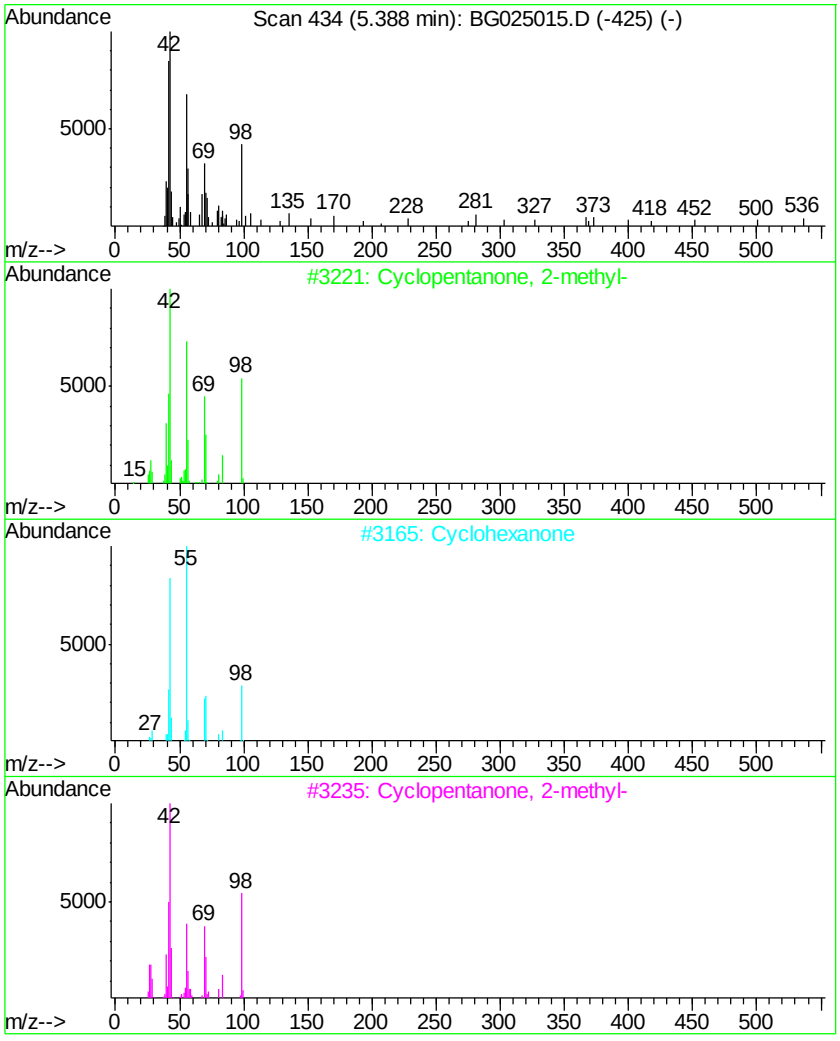
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

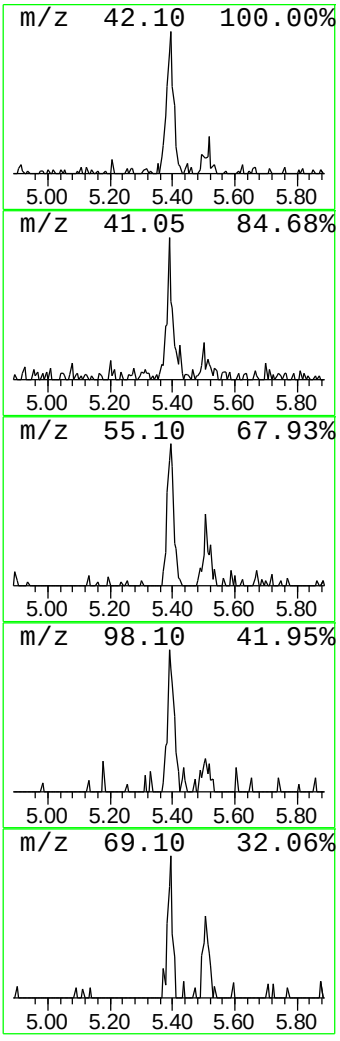
****

Peak Number 1 Cyclopentanone, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	3.57 ng/ul	97030	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	68
2	Cyclohexanone	98	C6H10O	000108-94-1	64
3	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	64
4	2-Amino-4-methyl-oxazole	98	C4H6N2O	035629-70-0	59
5	Cyclohexanone	98	C6H10O	000108-94-1	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

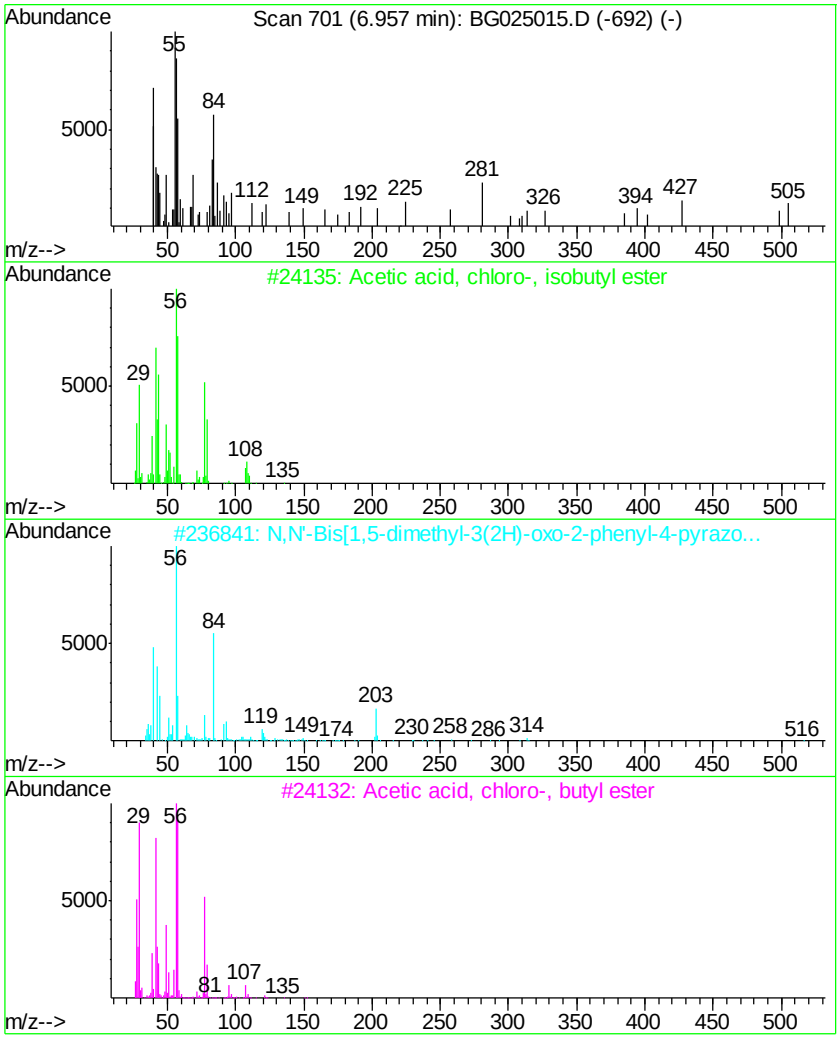
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

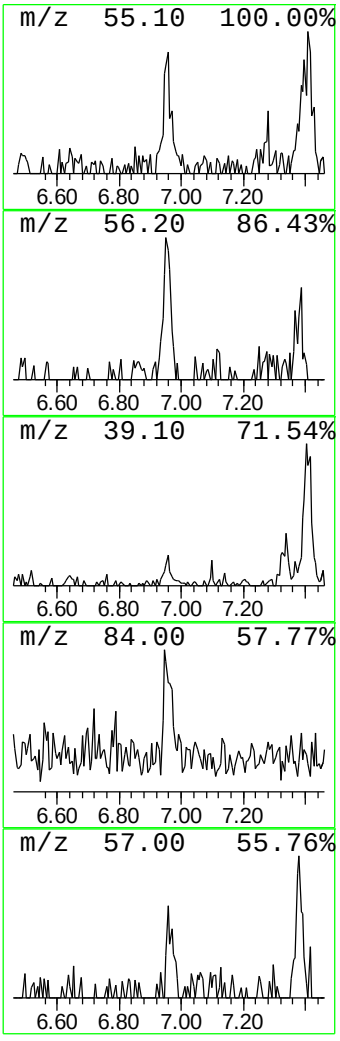
****

Peak Number 2 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	2.08 ng/ul	56520	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, isobutyl e...	150	C6H11ClO2	013361-35-8	38
2	N,N'-Bis[1,5-dimethyl-3(2H)-oxo-...	516	C28H32N6O4	177910-32-6	35
3	Acetic acid, chloro-, butyl ester	150	C6H11ClO2	000590-02-3	28
4	Acetic acid, chloro-, isobutyl e...	150	C6H11ClO2	013361-35-8	28
5	Cyclopentanemethanamine, 2-amino-	114	C6H14N2	021544-02-5	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
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Instrument : BNA_G
ClientSampleId : DA801

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

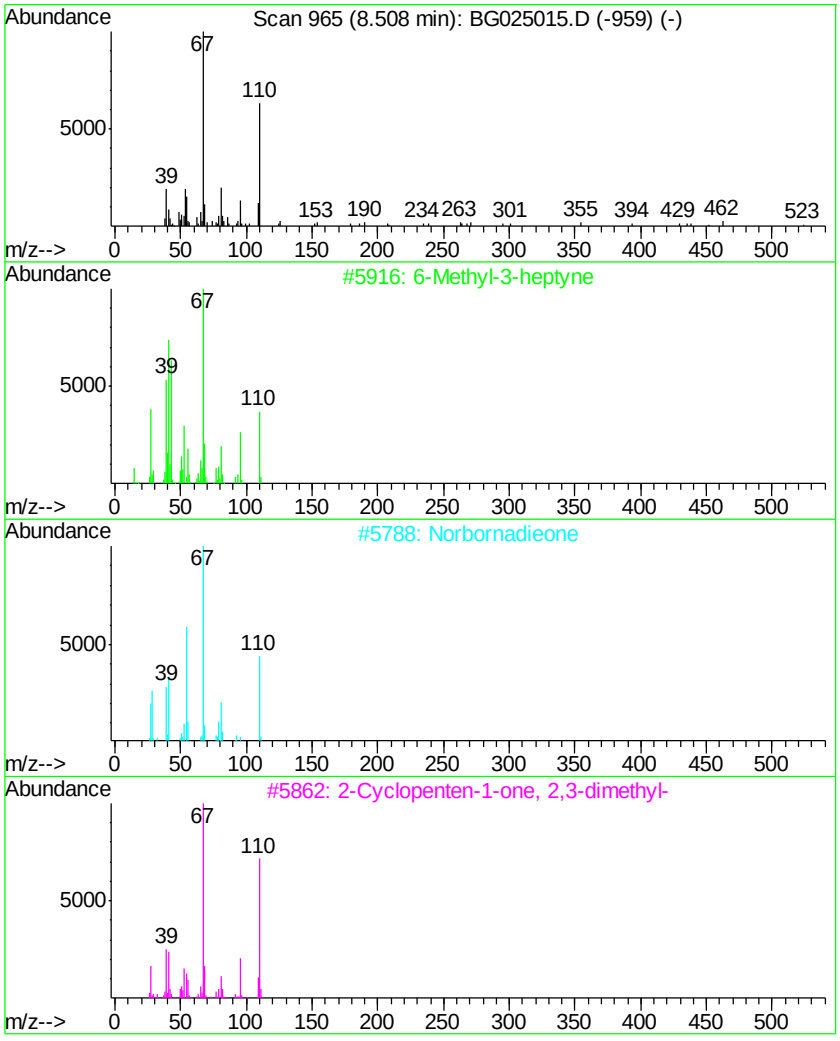
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

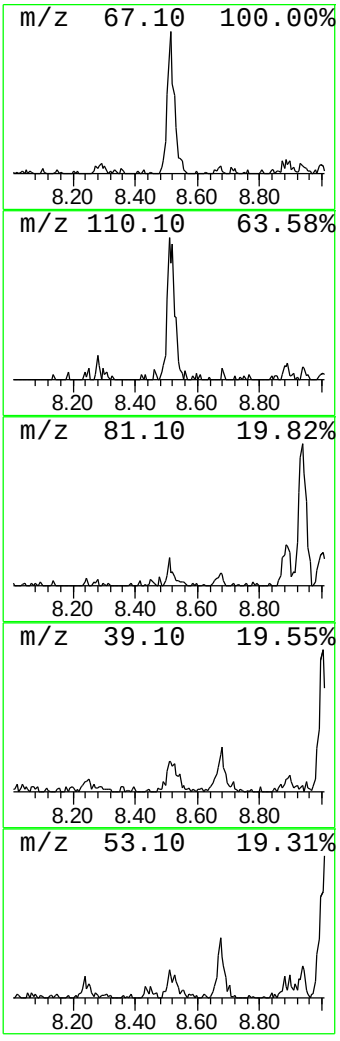
****

Peak Number 3 6-Methyl-3-heptyne Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	4.57 ng/ul	124239	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-3-heptyne	110	C8H14	054050-92-9	72
2	Norbornadieone	110	C7H10O	010218-02-7	72
3	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	55
4	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	46
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

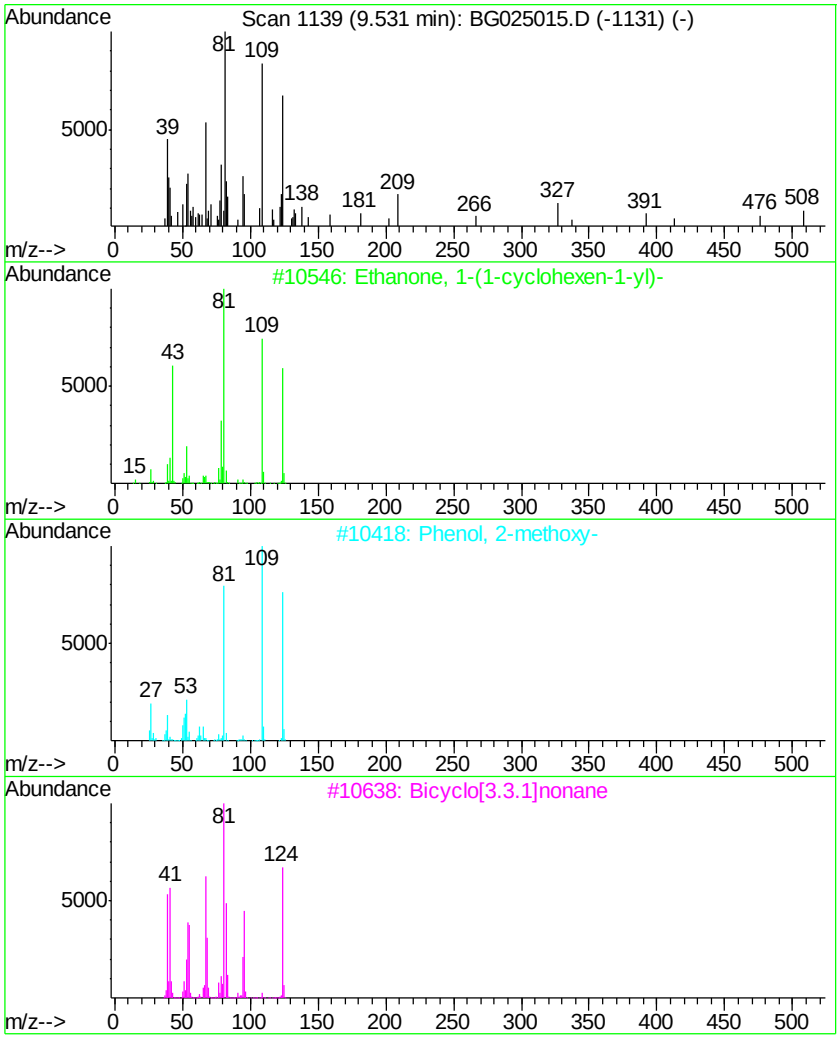
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

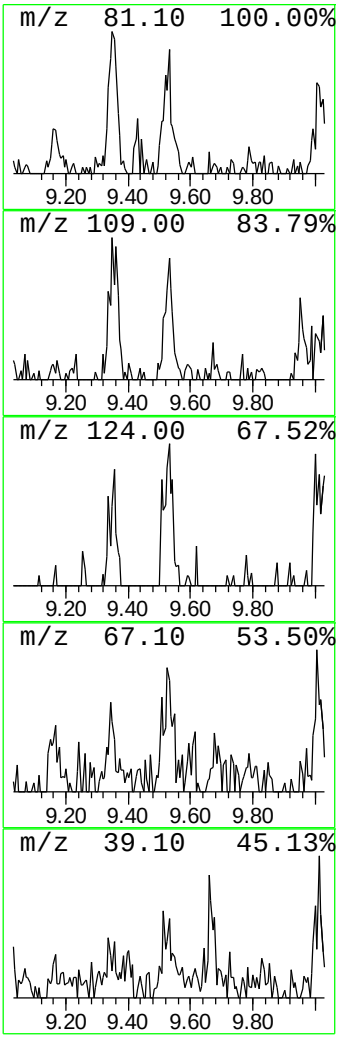
****

Peak Number 4 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	2.59 ng/ul	70238	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	58
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	58
3	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	47
4	5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	43
5	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

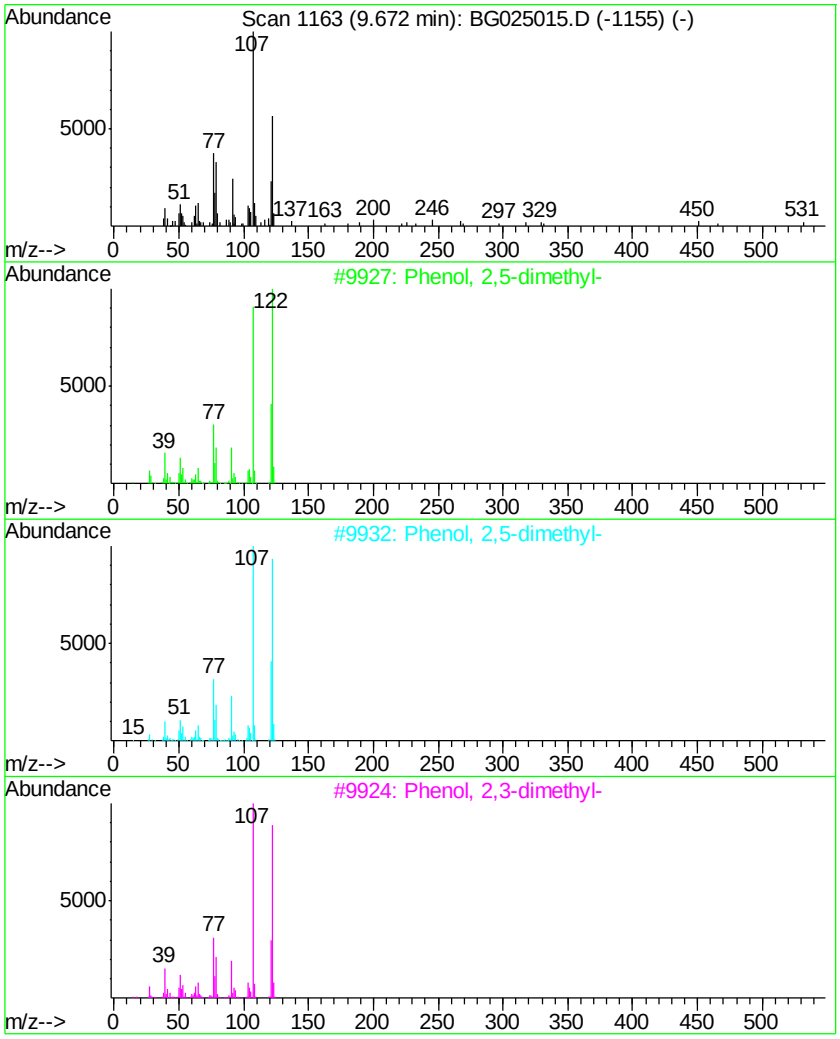
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

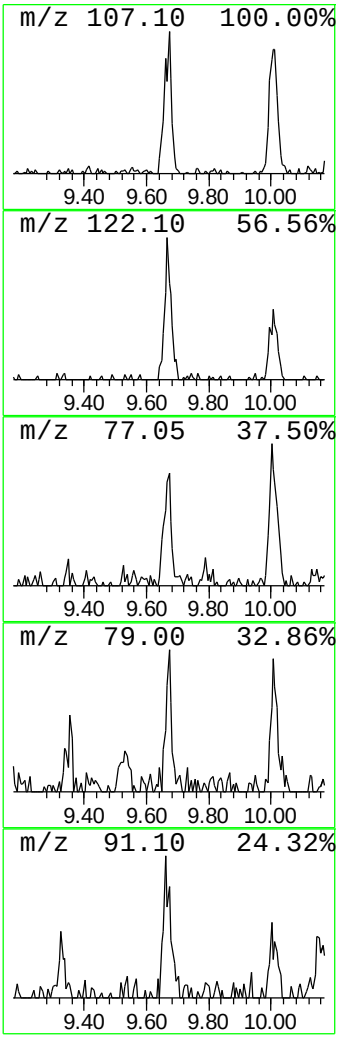
****

Peak Number 5 Phenol, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	3.01 ng/ul	106837	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	95
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	95
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91





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Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

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

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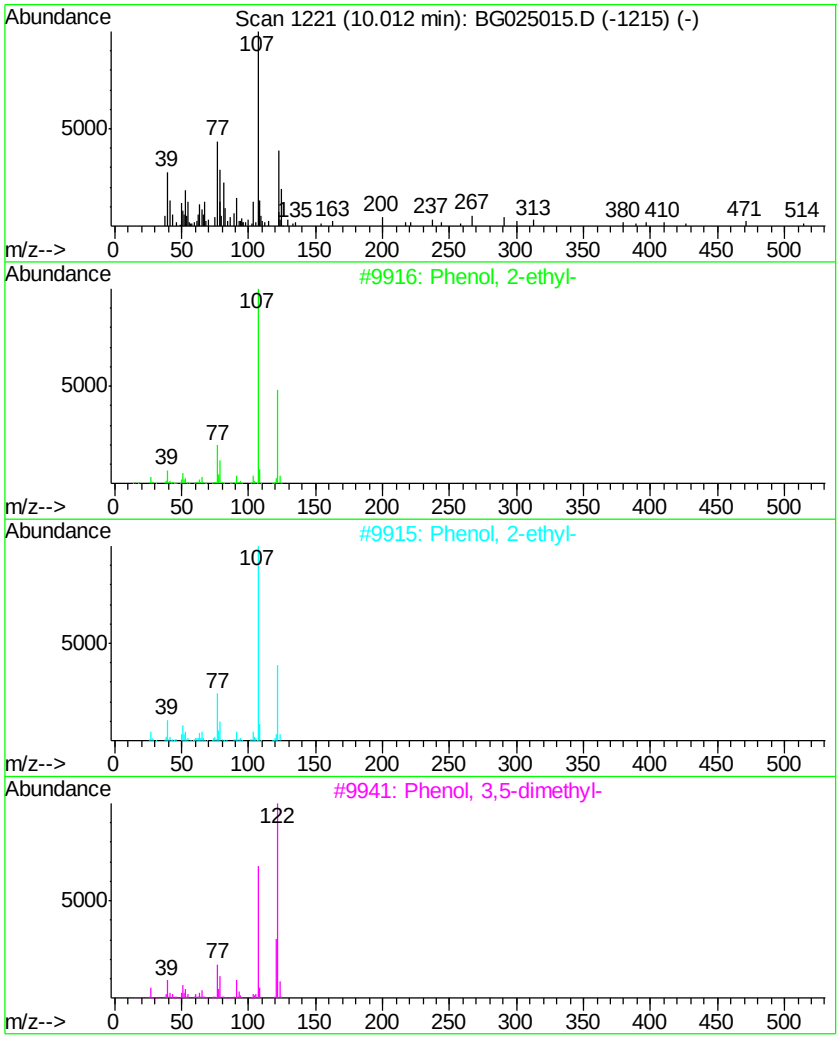
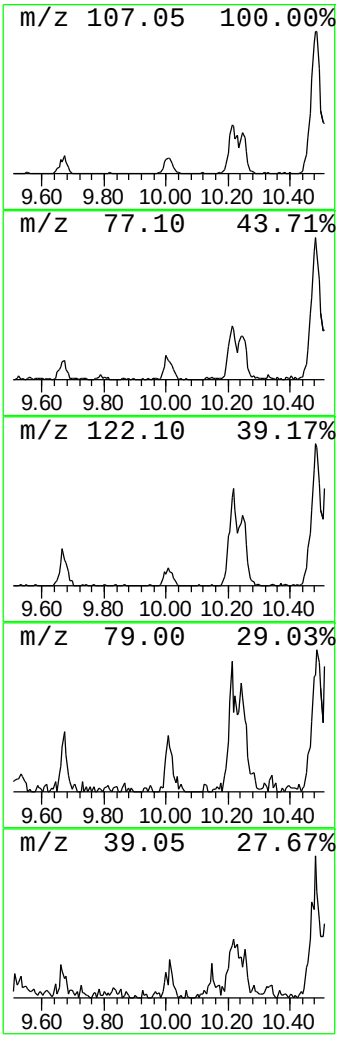
Peak Number 6 Phenol, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	3.46 ng/ul	122945	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	83
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	83
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	83





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Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

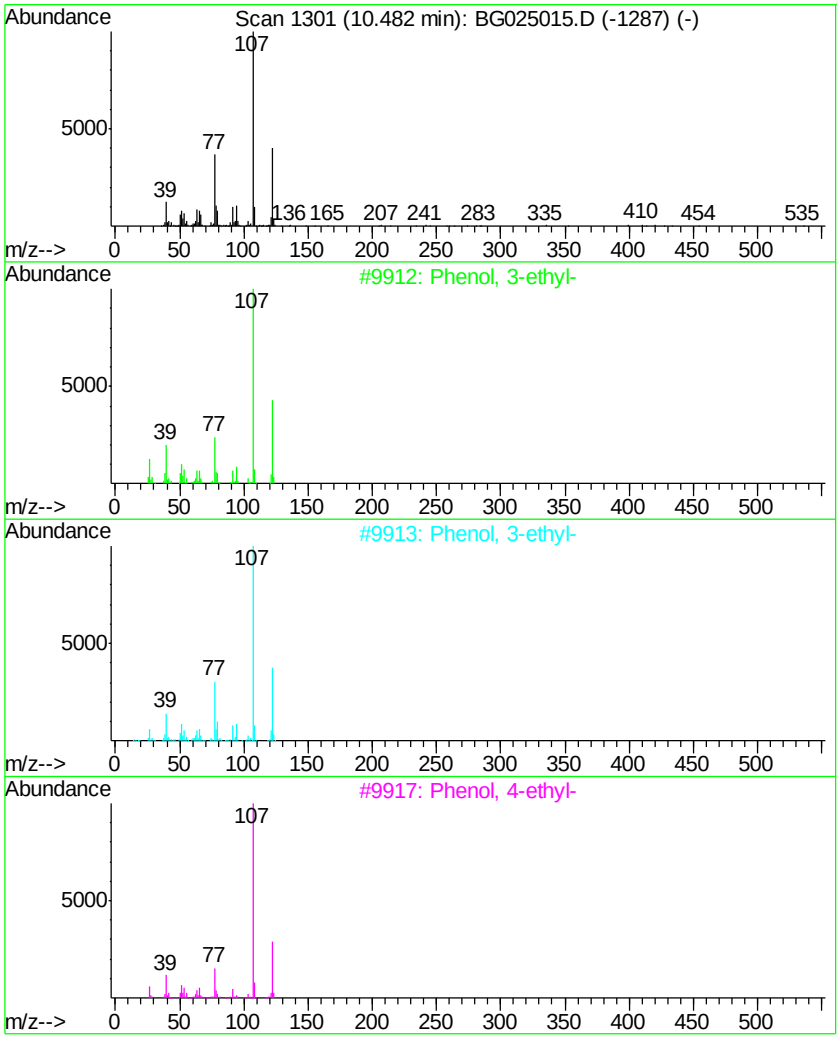
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

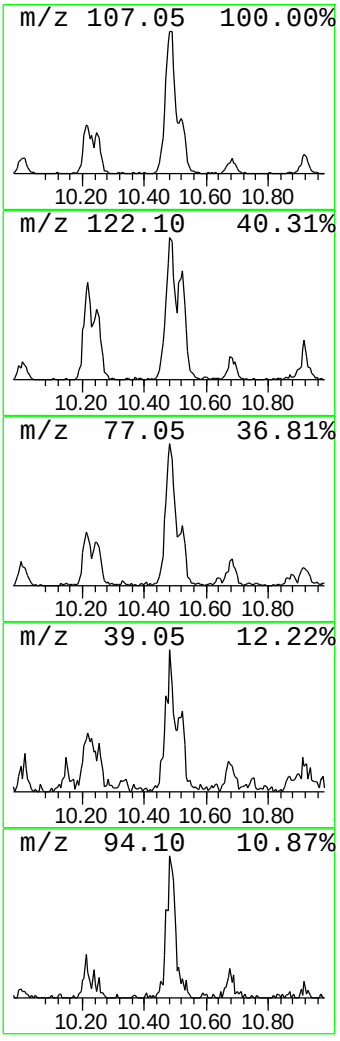
****

Peak Number 7 Phenol, 3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	20.36 ng/ul	722555	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	93
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	86





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Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

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

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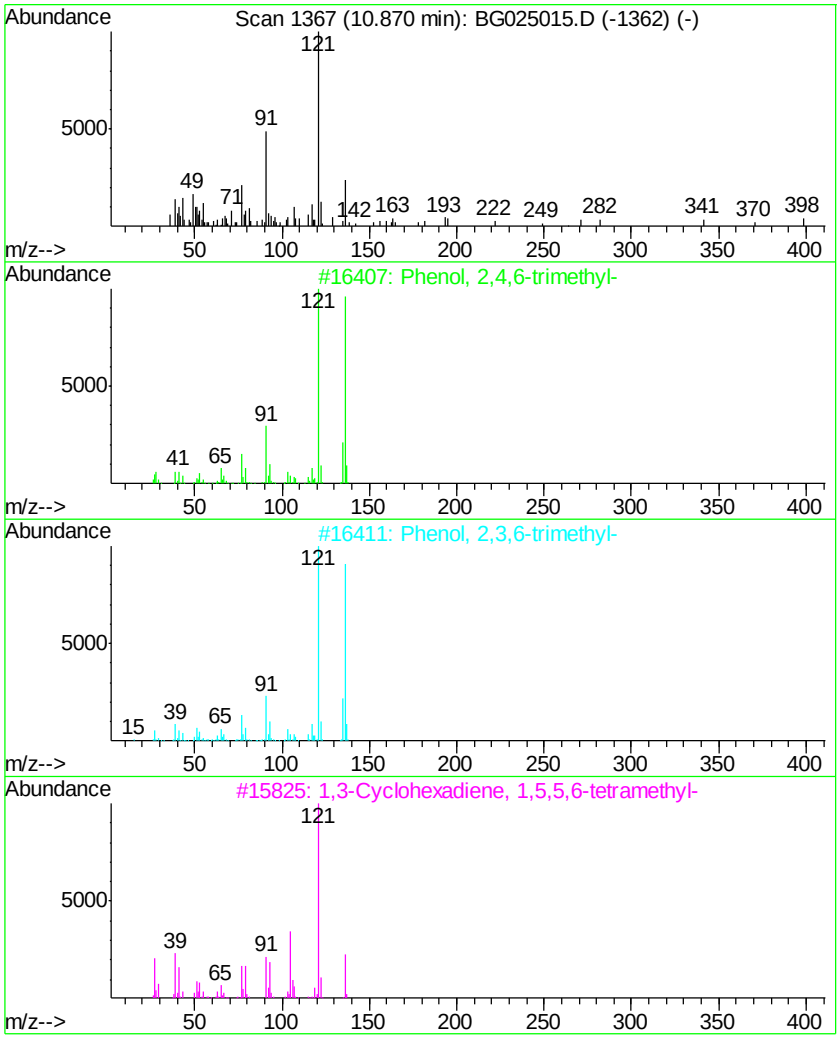
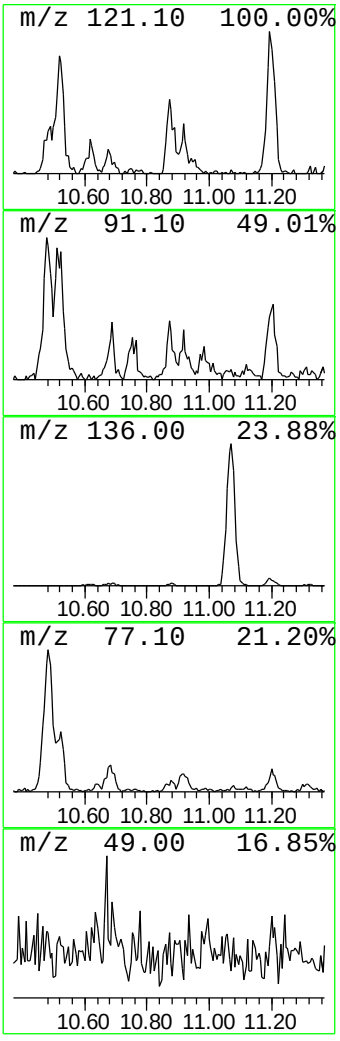
Peak Number 8 Phenol, 2,4,6-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	2.08 ng/ul	73795	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	83
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	80
3	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	72
4	1,3-Cyclohexadiene, 1,2,6,6-tetr...	136	C10H16	000514-96-5	72
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	68





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Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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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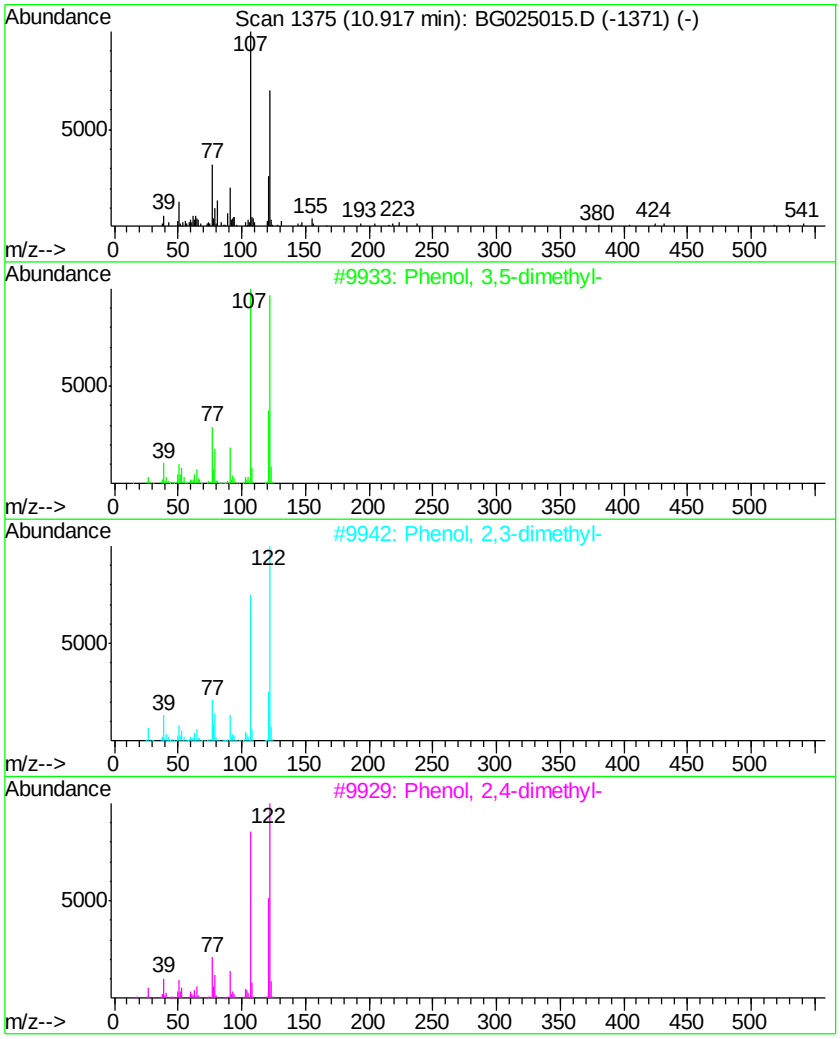
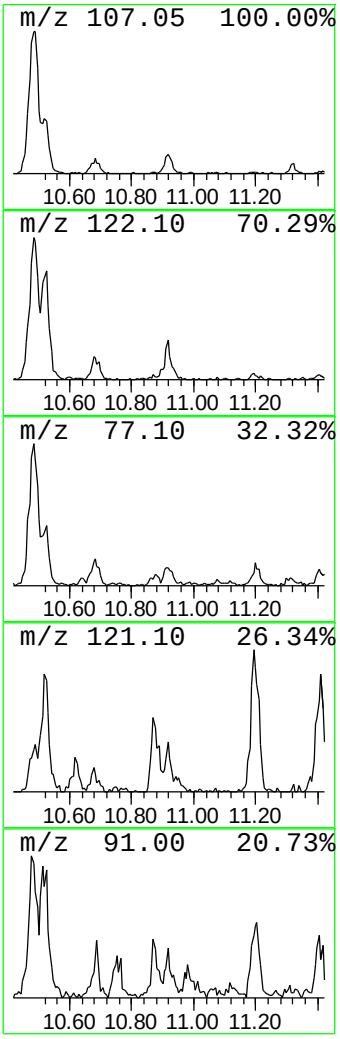
Peak Number 9 Phenol, 3,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	3.25 ng/ul	115363	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	72
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	72
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	72
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	72
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	72





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Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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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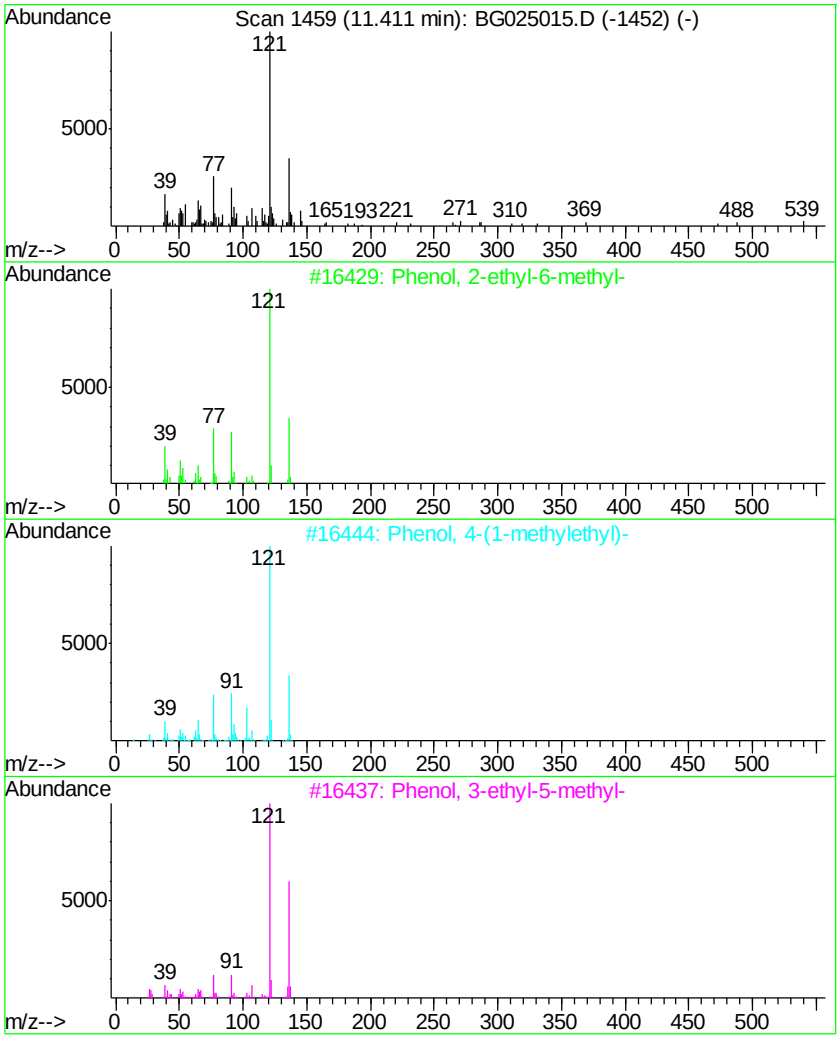
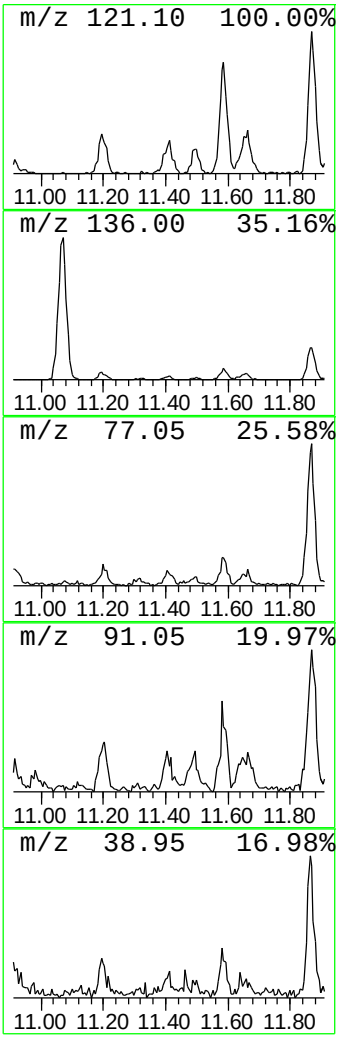
Peak Number 10 Phenol, 2-ethyl-6-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.91 ng/ul	103189	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	93
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	90
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87





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Acq On : 8 Dec 2016 20:38
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Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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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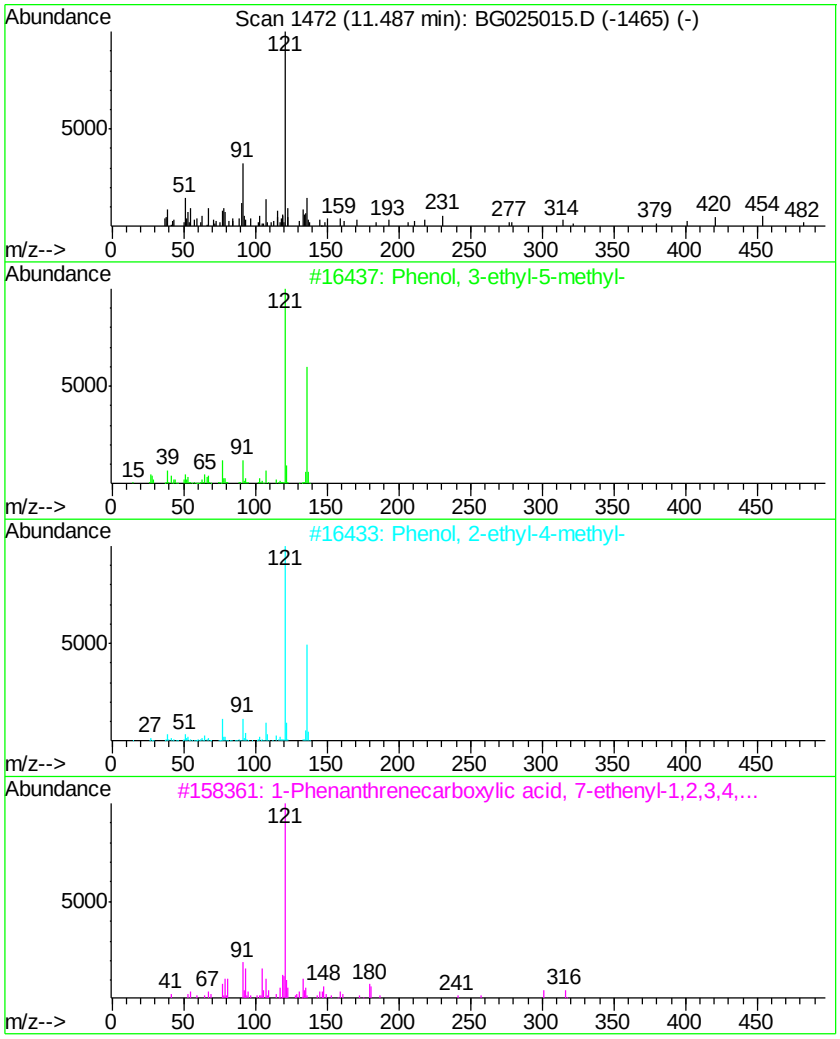
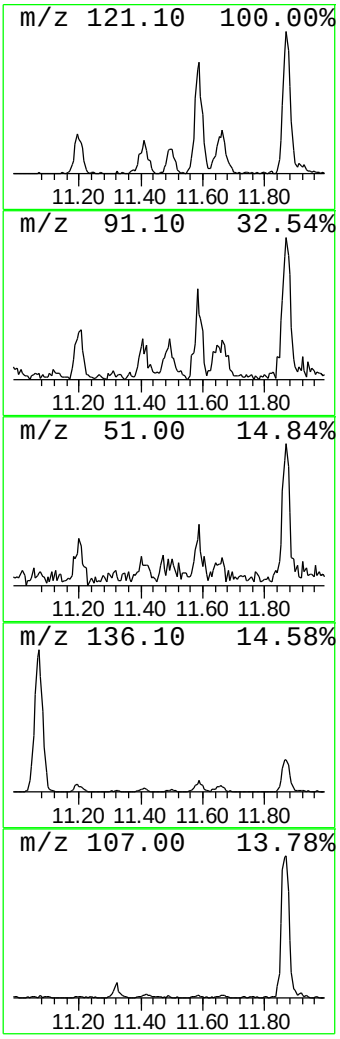
Peak Number 11 Phenol, 3-ethyl-5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.74 ng/ul	97096	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	72
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	72
3	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-54-0	64
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	64
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	64





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Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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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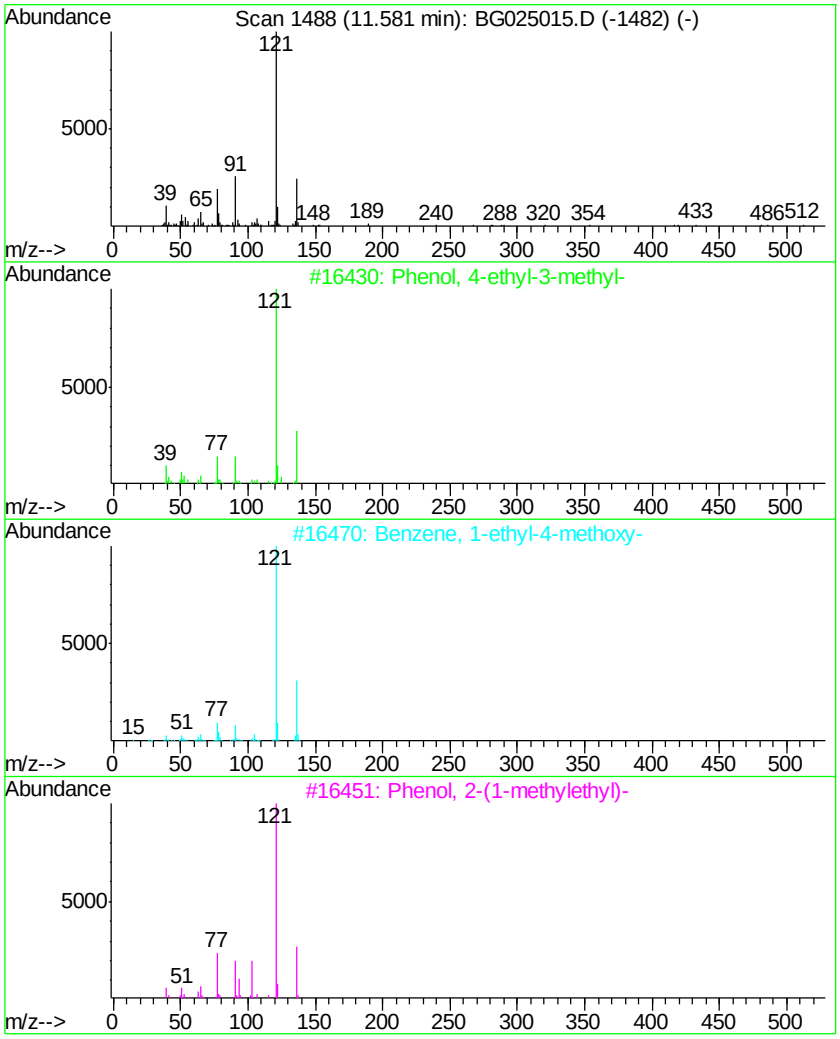
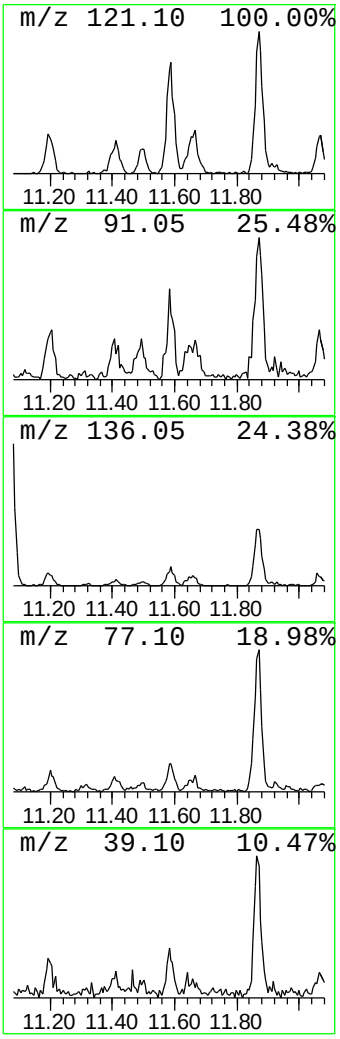
Peak Number 12 Phenol, 4-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	5.42 ng/ul	192274	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	87
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	83
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	83
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	80
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	80





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Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

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

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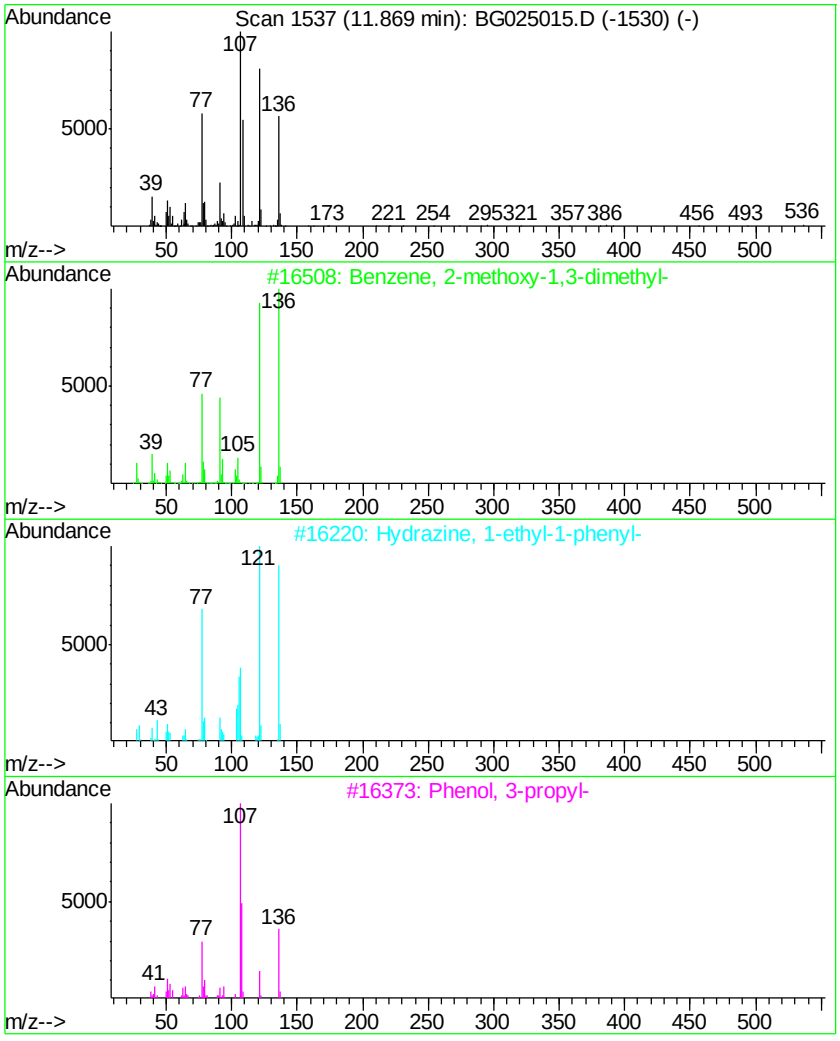
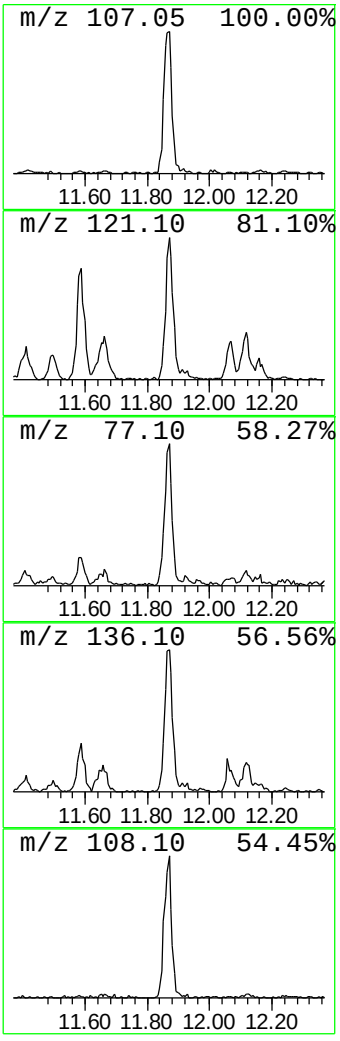
Peak Number 14 Benzene, 2-methoxy-1,3-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	19.03 ng/ul	675533	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	55
2	Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	52
3	Phenol, 3-propyl-	136	C9H12O	000621-27-2	52
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	46
5	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	46





Library Search Compound Report

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Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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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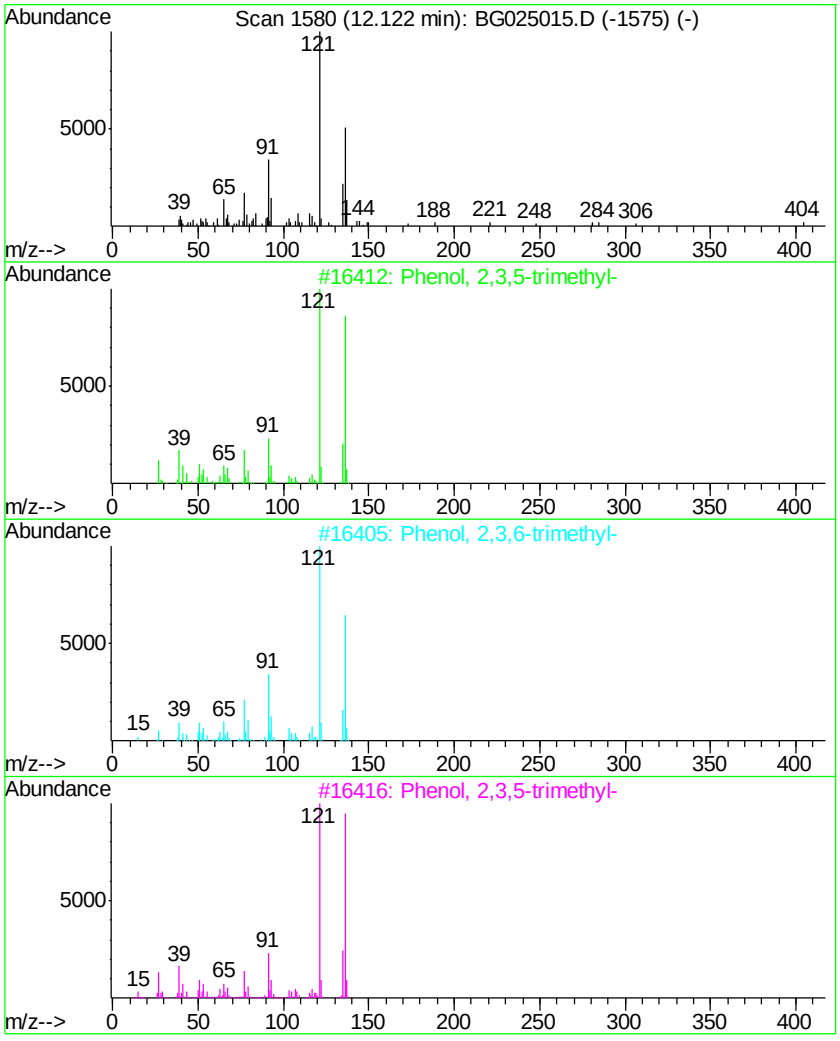
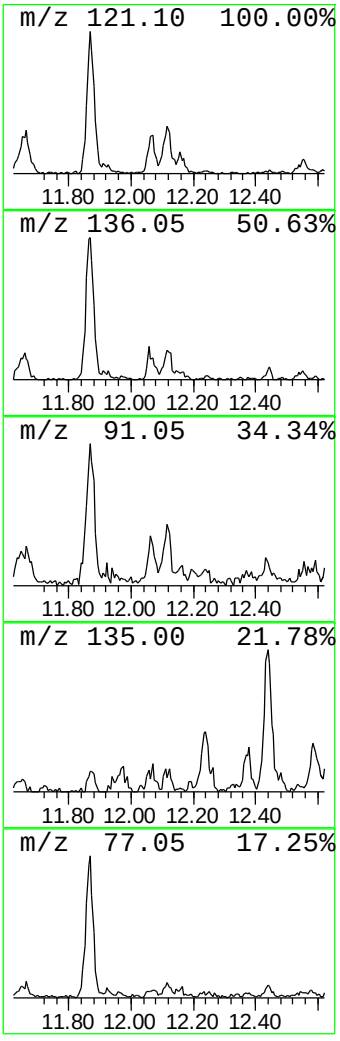
Peak Number 16 Phenol, 2,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.53 ng/ul	89959	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	87
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	87
4	2,4,6-Octatriene, 2,6-dimethyl-,...	136	C10H16	007216-56-0	80
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	80





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Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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Quant Title : SVOA CALIBRATION

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

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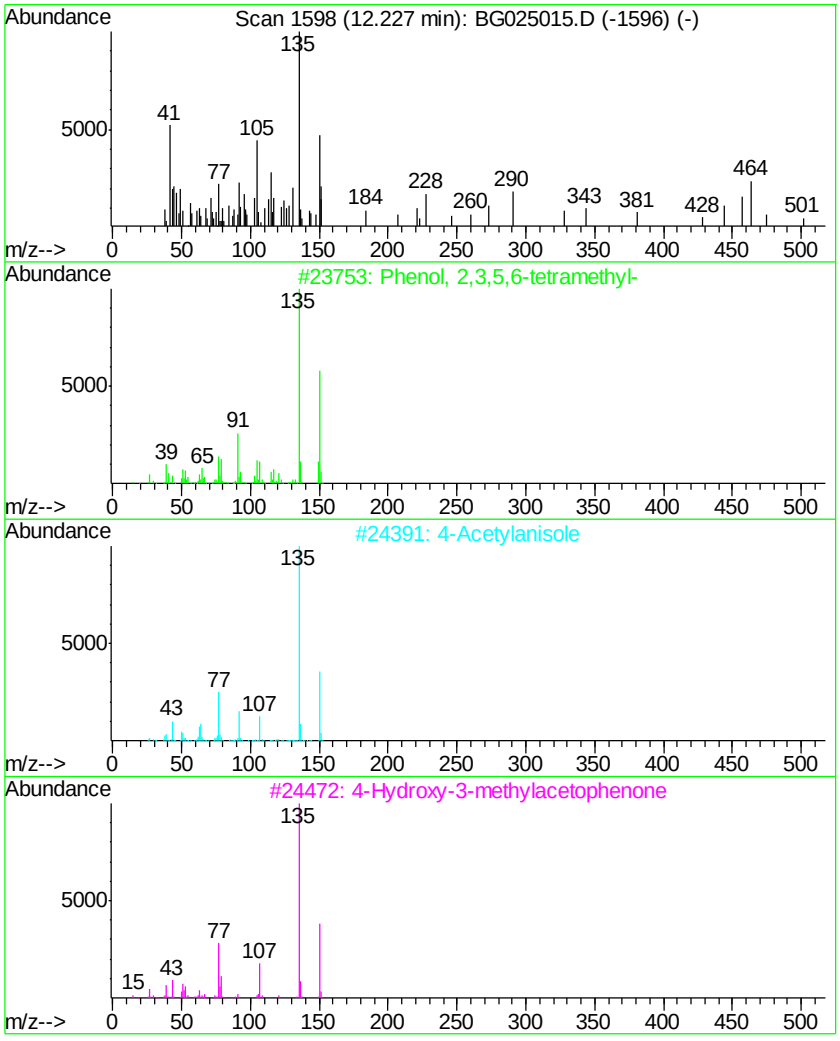
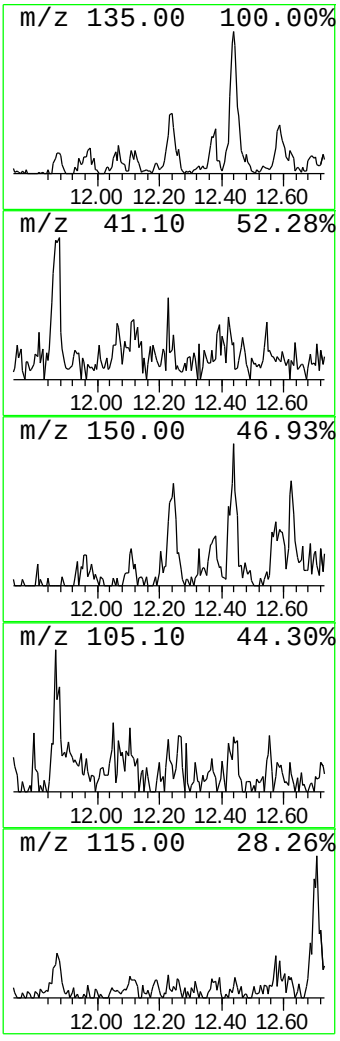
Peak Number 17 Phenol, 2,3,5,6-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	2.27 ng/ul	80514	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	60
2	4-Acetylanisole	150	C9H10O2	000100-06-1	53
3	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	53
4	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	49
5	Thymol	150	C10H14O	000089-83-8	49





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Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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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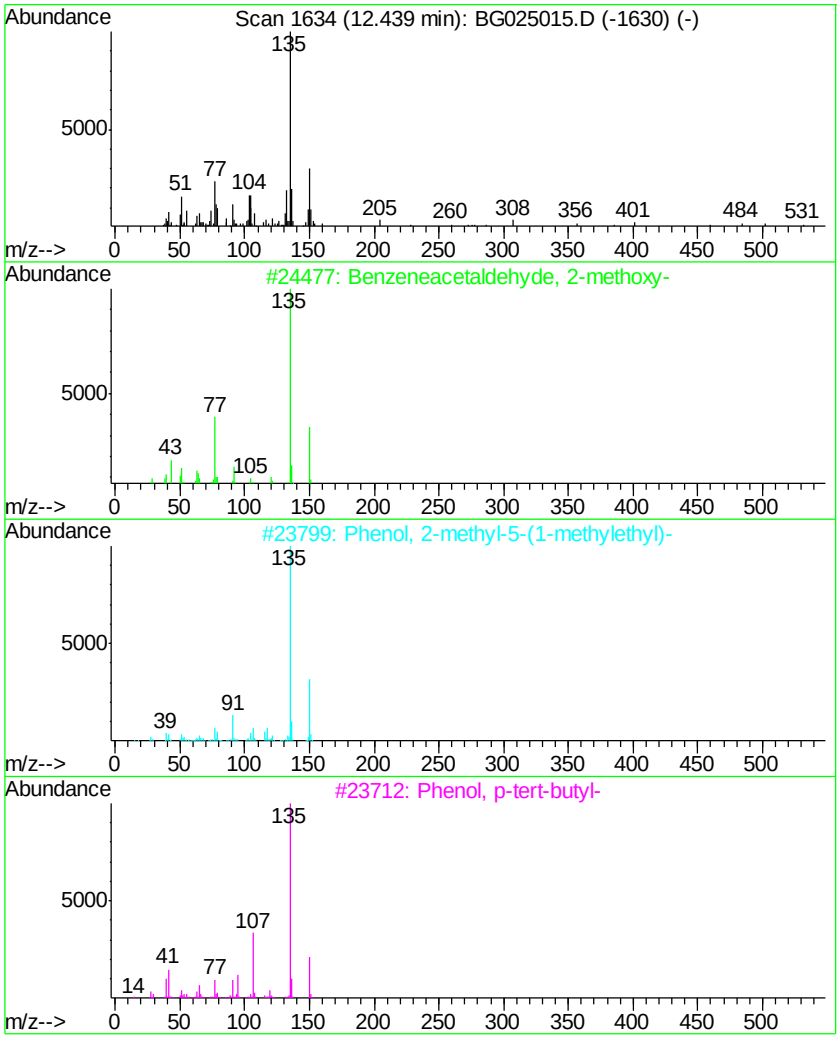
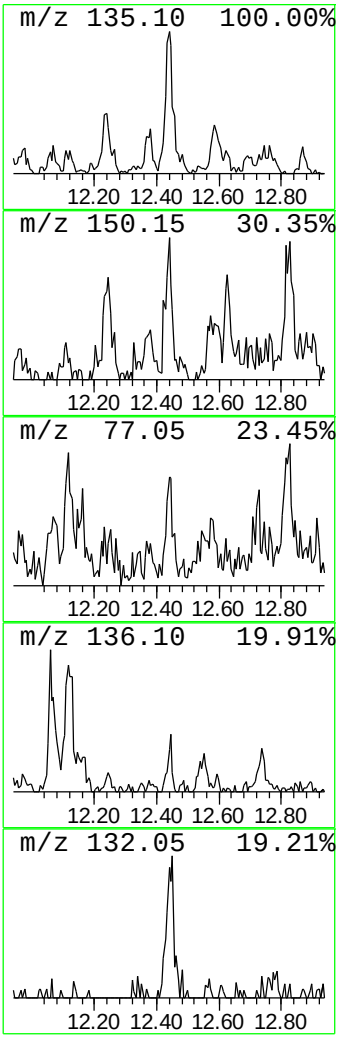
Peak Number 18 Benzeneacetaldehyde, 2-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.24 ng/ul	115089	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, 2-methoxy-	150	C9H10O2	033567-59-8	59
2	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	58
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
4	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	53
5	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	53





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Acq On : 8 Dec 2016 20:38
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Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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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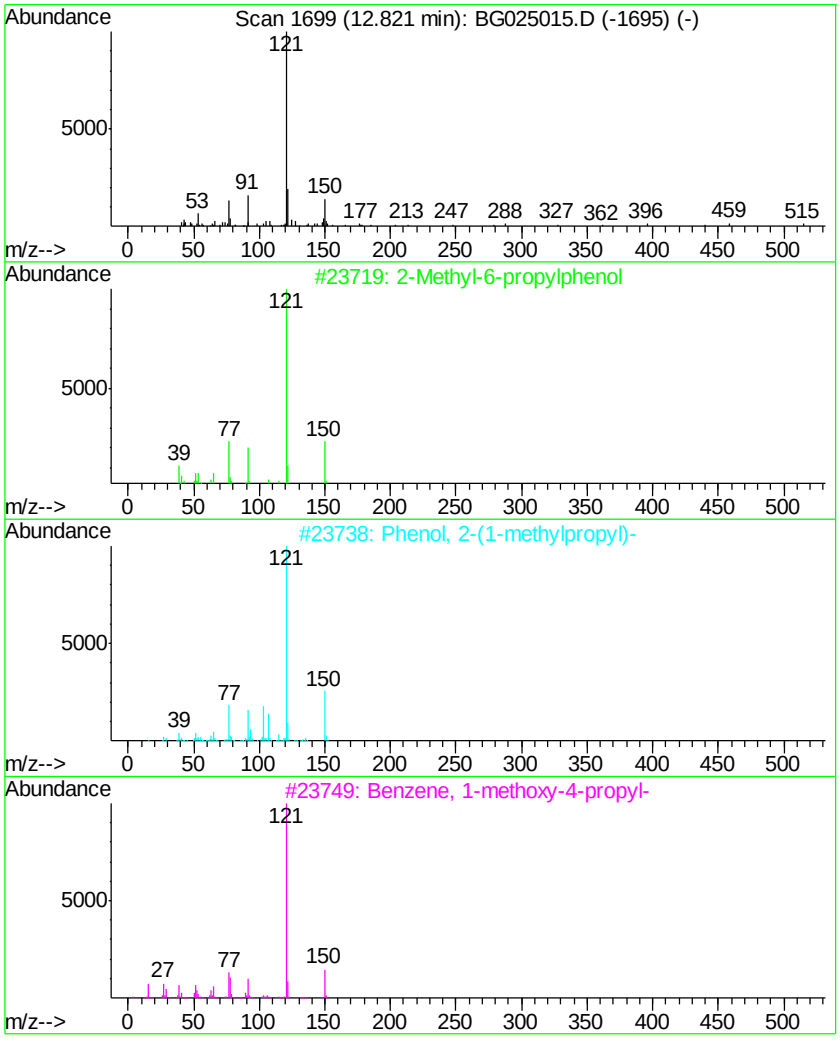
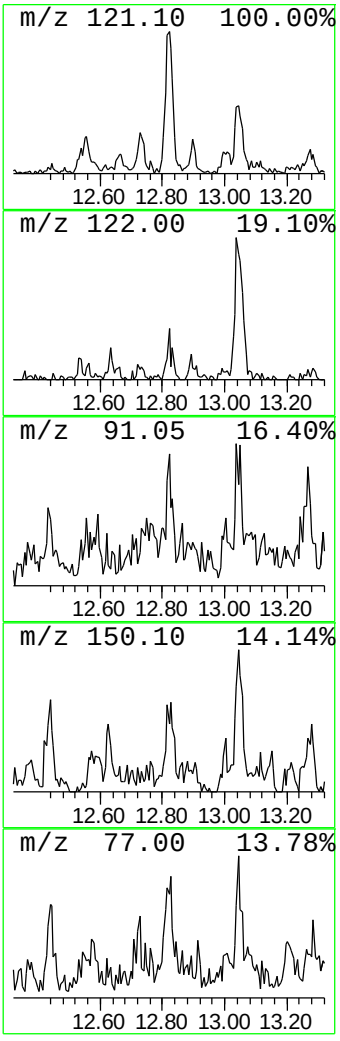
Peak Number 19 2-Methyl-6-propylphenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	3.49 ng/ul	123719	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-6-propylphenol	150	C10H14O	003520-52-3	72
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	72
3	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	72
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	64
5	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

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

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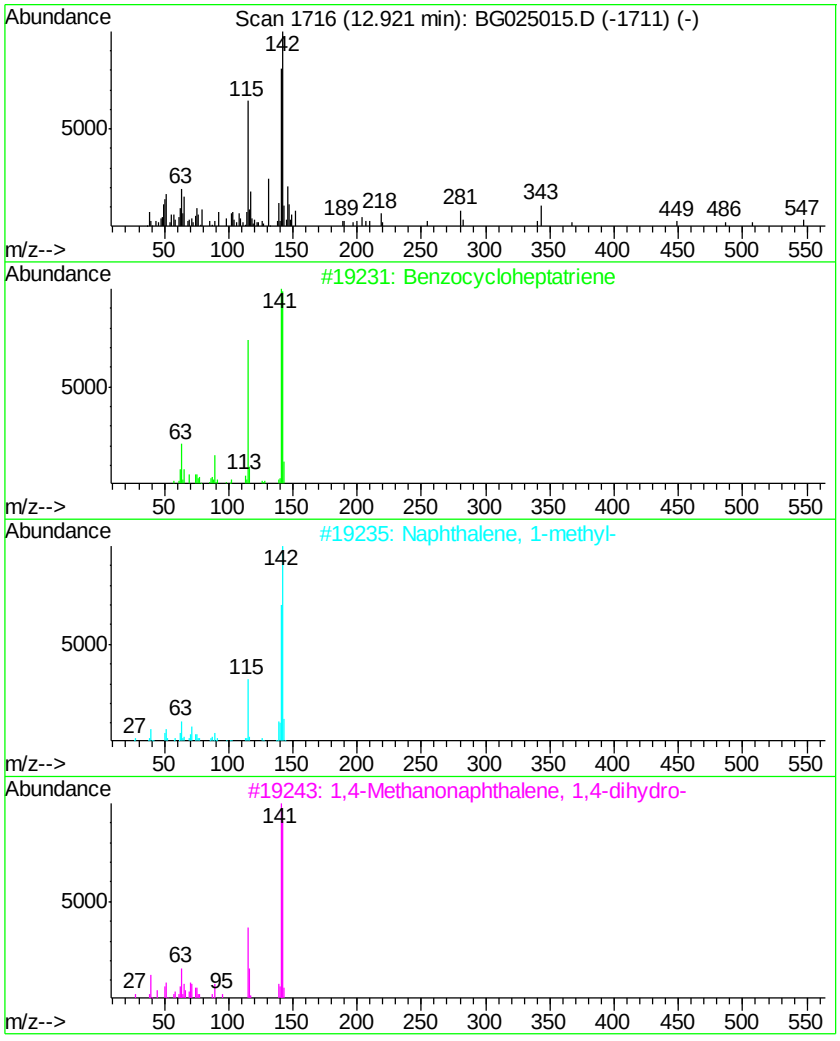
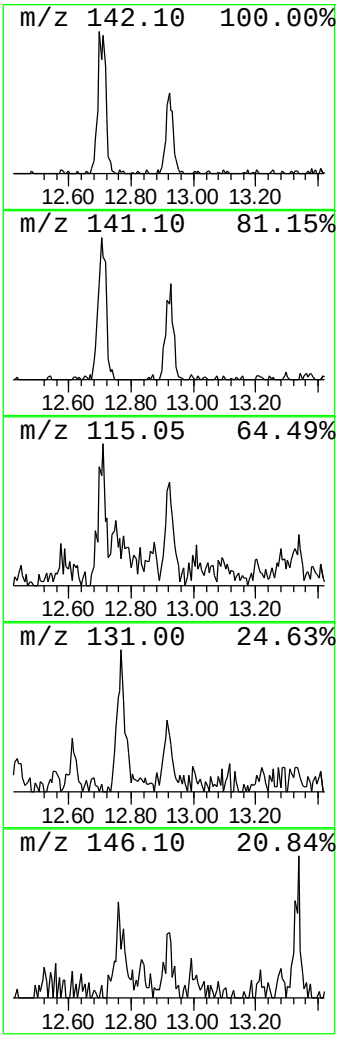
Peak Number 20 Benzocycloheptatriene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	3.08 ng/ul	109215	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	72
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	68
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	64
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	59
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

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

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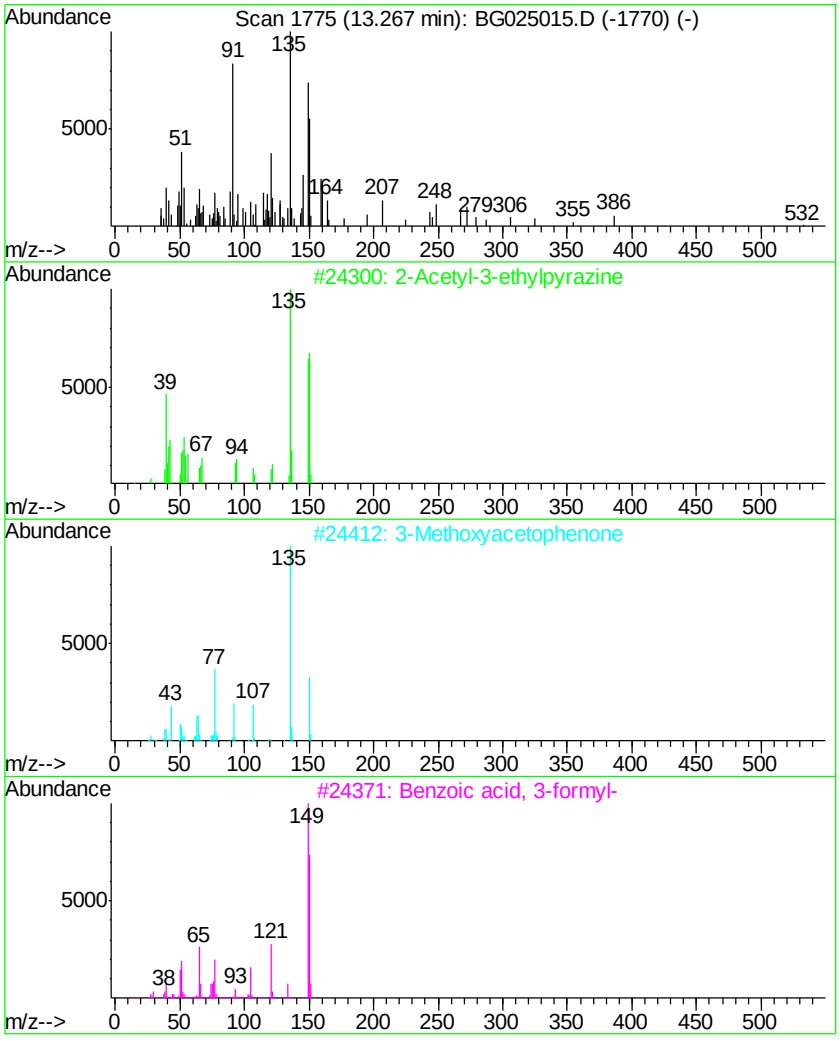
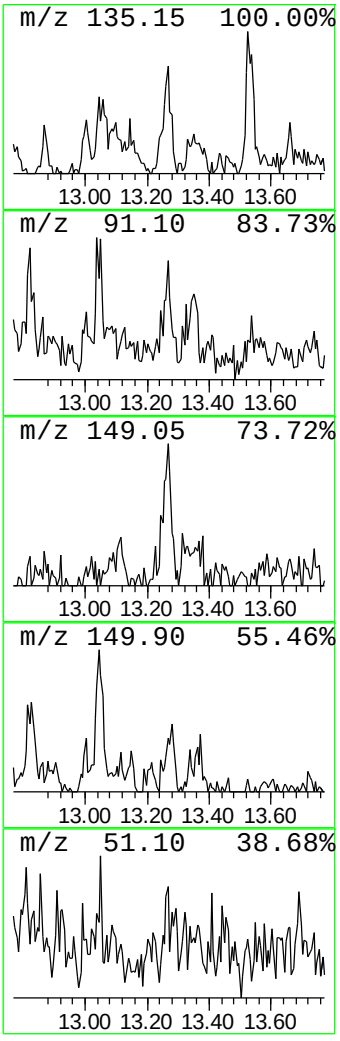
Peak Number 21 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.25 ng/ul	129345	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetyl-3-ethylpyrazine	150	C8H10N2O	032974-92-8	43
2	3-Methoxyacetophenone	150	C9H10O2	000586-37-8	42
3	Benzoic acid, 3-formyl-	150	C8H6O3	000619-21-6	42
4	4-Acetylanisole	150	C9H10O2	000100-06-1	42
5	4-Acetylanisole	150	C9H10O2	000100-06-1	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

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

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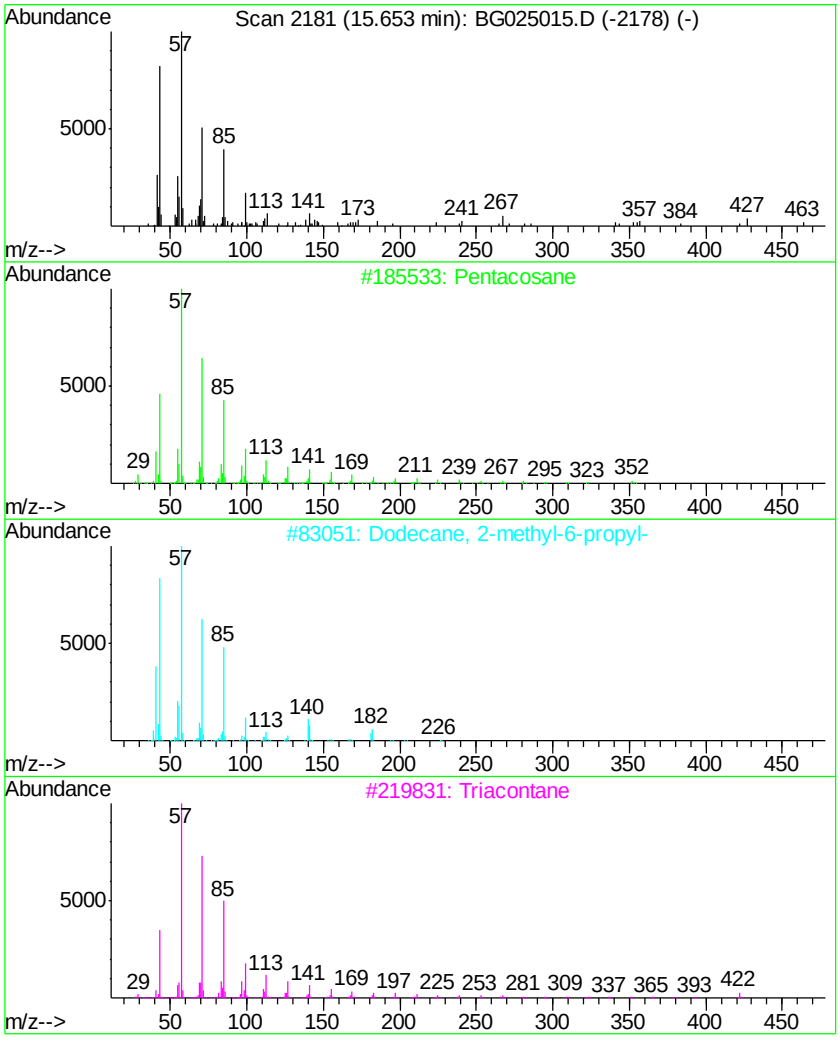
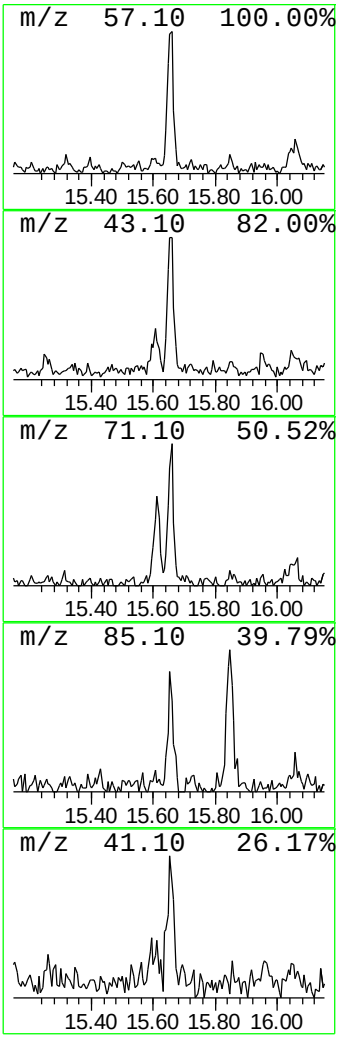
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.20 ng/ul	126195	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	83
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Triacontane	422	C30H62	000638-68-6	74
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	72
5	1-Iodoundecane	282	C11H23I	004282-44-4	72





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Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

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

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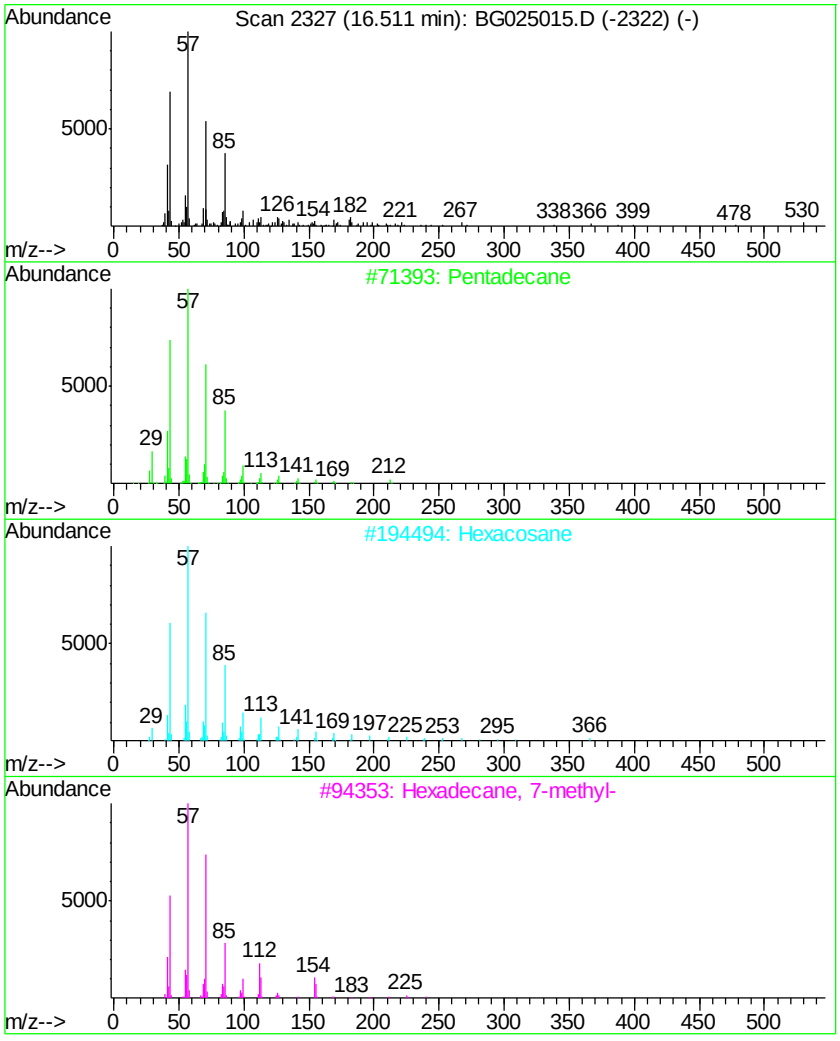
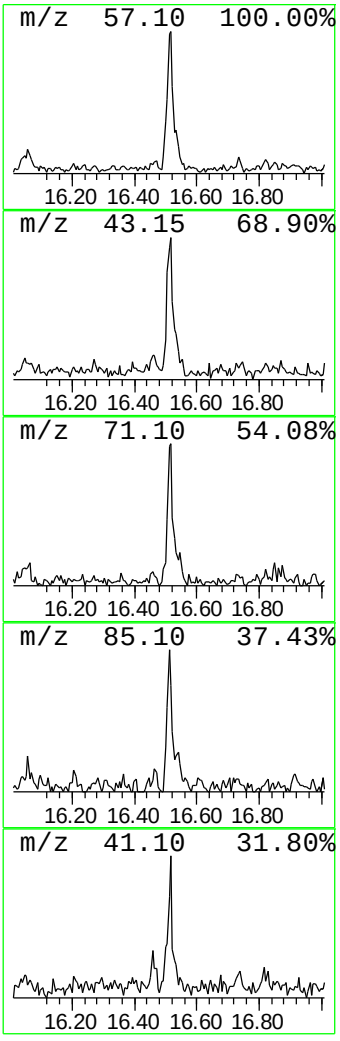
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	2.30 ng/ul	184142	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexacosane	366	C26H54	000630-01-3	81
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

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

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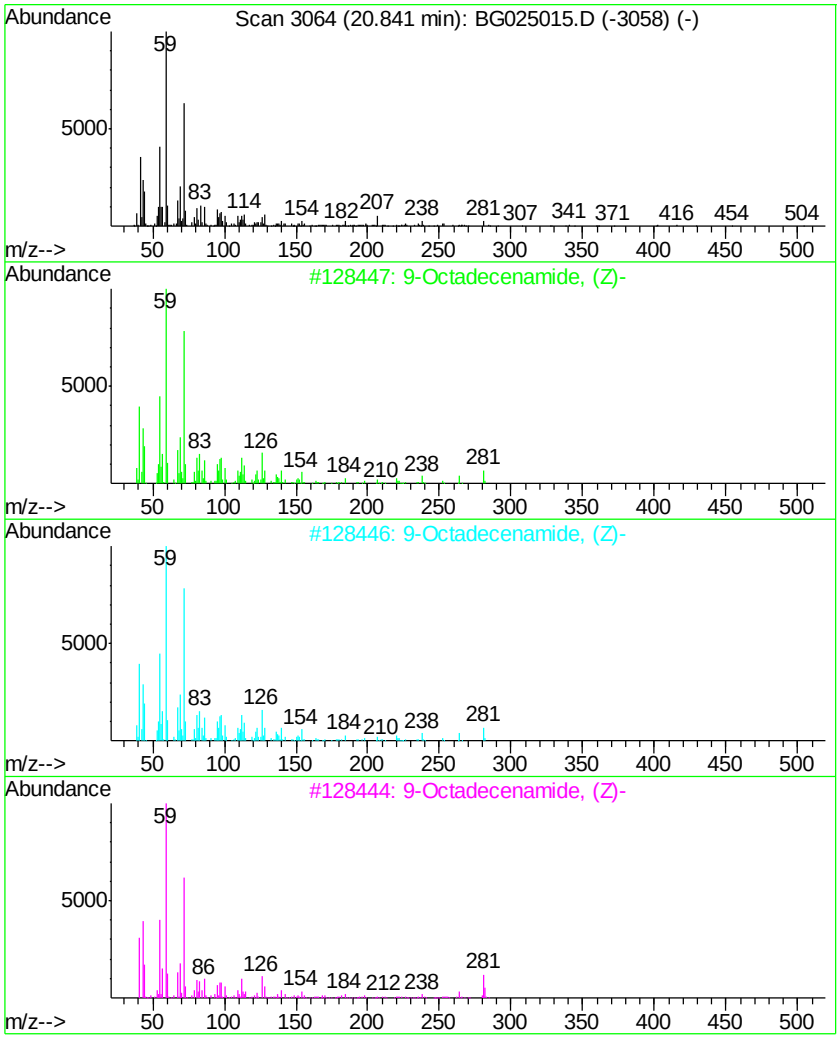
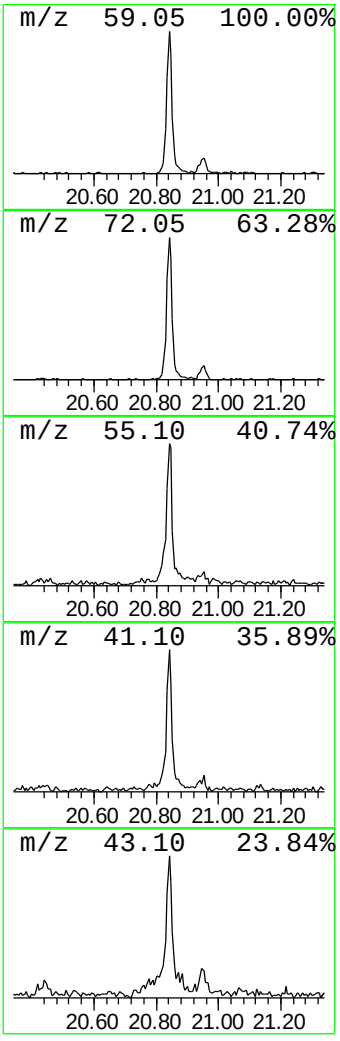
Peak Number 24 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	6.05 ng/ul	651384	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83





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Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

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

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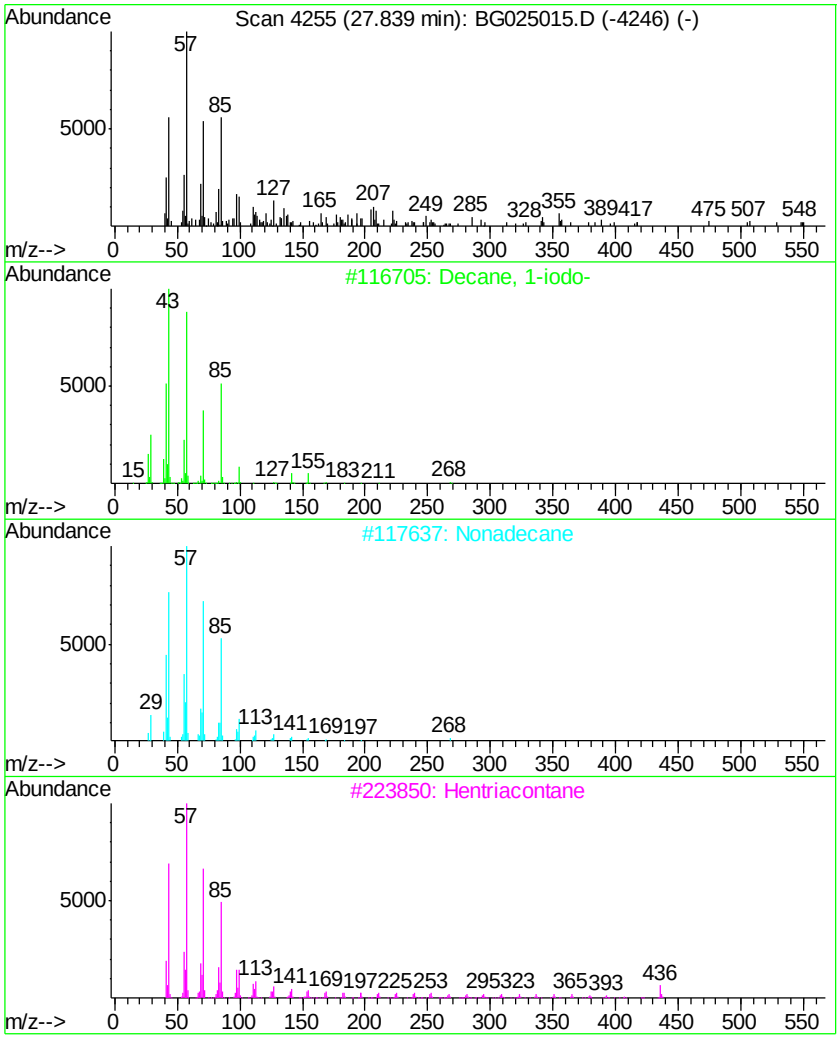
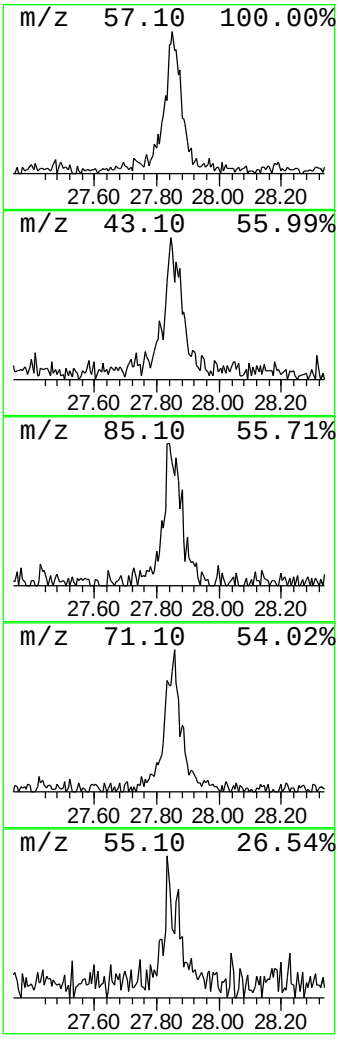
Peak Number 26 Decane, 1-iodo- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.84	2.24 ng/ul	243259	Perylene-d12	25.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
2	Nonadecane	268	C19H40	000629-92-5	64
3	Hentriacontane	437	C31H64	000630-04-6	59
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
5	Octadecane	254	C18H38	000593-45-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025015.D
Acq On : 8 Dec 2016 20:38
Operator : UM/SJ
Sample : H5863-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA801

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentanone, 2...	5.39	3.6	ng/ul	97030	1	8.24	543168	20.0
unknown-01	6.96	2.1	ng/ul	56520	1	8.24	543168	20.0
6-Methyl-3-heptyne	8.51	4.6	ng/ul	124239	1	8.24	543168	20.0
Ethanone, 1-(1-cy...	9.53	2.6	ng/ul	70238	1	8.24	543168	20.0
Phenol, 2,5-dimet...	9.67	3.0	ng/ul	106837	2	11.07	709815	20.0
Phenol, 2-ethyl-	10.01	3.5	ng/ul	122945	2	11.07	709815	20.0
Phenol, 3-ethyl-	10.48	20.4	ng/ul	722555	2	11.07	709815	20.0
Phenol, 2,4,6-tri...	10.87	2.1	ng/ul	73795	2	11.07	709815	20.0
Phenol, 3,5-dimet...	10.92	3.3	ng/ul	115363	2	11.07	709815	20.0
Phenol, 2-ethyl-6...	11.41	2.9	ng/ul	103189	2	11.07	709815	20.0
Phenol, 3-ethyl-5...	11.49	2.7	ng/ul	97096	2	11.07	709815	20.0
Phenol, 4-ethyl-3...	11.58	5.4	ng/ul	192274	2	11.07	709815	20.0
Benzene, 2-methox...	11.87	19.0	ng/ul	675533	2	11.07	709815	20.0
Phenol, 2,3,5-tri...	12.12	2.5	ng/ul	89959	2	11.07	709815	20.0
Phenol, 2,3,5,6-t...	12.23	2.3	ng/ul	80514	2	11.07	709815	20.0
Benzeneacetaldehy...	12.44	3.2	ng/ul	115089	2	11.07	709815	20.0
2-Methyl-6-propyl...	12.82	3.5	ng/ul	123719	2	11.07	709815	20.0
Benzocycloheptatr...	12.92	3.1	ng/ul	109215	2	11.07	709815	20.0
unknown-02	13.27	2.3	ng/ul	129345	3	14.86	1147600	20.0
(DEL) Alkane: Str...	15.65	2.2	ng/ul	126195	3	14.86	1147600	20.0
(DEL) Alkane: Str...	16.51	2.3	ng/ul	184142	4	17.60	1604130	20.0
9-Octadecenamide,...	20.84	6.0	ng/ul	651384	5	21.89	2153770	20.0
Decane, 1-iodo-	27.84	2.2	ng/ul	243259	6	25.30	2176510	20.0