LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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	5.700	479	487	500	rBV	369530	614022	6.25%	0.498%
2	5.835	502	510	524	rBV2	659202	1530542	15.57%	1.241%
3	6.211	564	574	582	rBV	543877	924361	9.40%	0.750%
4	7.386	764	774	778	rBV3	263059	703622	7.16%	0.571%
5	7.762	831	838	844	rVV	244681	451462	4.59%	0.366%
6	7.862	850	855	863	rVV	414512	724453	7.37%	0.588%
7	7.950	863	870	880	rVV	531674	938619	9.55%	0.761%
8	8.232	913	918	928	rVB	264710	489956	4.98%	0.397%
9	8.338	928	936	943	rBV2	252117	469972	4.78%	0.381%
10	8.602	975	981	988	rBV	243302	447566	4.55%	0.363%
11	8.937	1033	1038	1046	rVB	305669	558784	5.68%	0.453%
12	9.413	1113	1119	1128	rVB2	329406	637795	6.49%	0.517%
13	9.595	1139	1150	1156	rBV3	326768	681357	6.93%	0.553%
14	9.713	1156	1170	1176	rBV	704481	1732093	17.62%	1.405%
15	9.783	1176	1182	1192	rVB	1732375	3056991	31.10%	2.479%
16	10.141	1231	1243	1251	rBV6	278953	746074	7.59%	0.605%
17	10.212	1251	1255	1259	rBV2	227714	452131	4.60%	0.367%
18	10.441	1285	1294	1297	rBV2	245519	479040	4.87%	0.389%
19	10.682	1329	1335	1342	rBV2	542306	1006483	10.24%	0.816%
20	10.870	1360	1367	1372	rBV2	208124	460930	4.69%	0.374%
21	11.064	1395	1400	1403	rVV	310914	539819	5.49%	0.438%
22	11.111	1403	1408	1416	rVB	866422	1479872	15.05%	1.200%
23	11.199	1416	1423	1432	rBV4	467916	908777	9.24%	0.737%
24	11.311	1432	1442	1452	rVB3	507802	1744938	17.75%	1.415%
25	11.416	1452	1460	1464	rBV4	821602	1828560	18.60%	1.483%
26	11.463	1464	1468	1476	rVB2	797084	1599297	16.27%	1.297%
27	11.587	1483	1489	1494	rVV	1175230	2060126	20.96%	1.671%
28	11.663	1494	1502	1507	rVB	528581	1229456	12.51%	0.997%
29	11.881	1531	1539	1551	rBV2	5200204	9830428	100.00%	7.973%
30	12.069	1565	1571	1574	rBV2	521284	979068	9.96%	0.794%
31	12.116	1574	1579	1584	rVB2	737666	1375807	14.00%	1.116%
32	12.163	1585	1587	1595	rVV2	273881	666356	6.78%	0.540%
33	12.233	1595	1599	1609	rVB2	293144	675309	6.87%	0.548%
34	12.374	1619	1623	1627	rVV3	259519	564948	5.75%	0.458%

LSC Area Percent Report

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Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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	12.439	1627	1634	1645	rVB2	722588	1629435	16.58%	1.322%
36	12.591	1647	1660	1669	rBV6	731867	2882318	29.32%	2.338%
37	12.703	1674	1679	1682	rBV3	804693	1302555	13.25%	1.056%
38	12.768	1683	1690	1694	rVB4	511752	1353772	13.77%	1.098%
39	12.821	1694	1699	1705	rBV	1699522	2708182	27.55%	2.197%
40	12.921	1709	1716	1721	rVB4	814401	1847692	18.80%	1.499%
41	13.009	1726	1731	1734	rBV	829114	1264786	12.87%	1.026%
42	13.056	1734	1739	1748	rVV	2752993	4662457	47.43%	3.782%
43	13.126	1749	1751	1759	rVB5	405003	767029	7.80%	0.622%
44	13.214	1759	1766	1771	rBV2	1417268	2448330	24.91%	1.986%
45	13.273	1771	1776	1782	rVV4	1031237	1952914	19.87%	1.584%
46	13.338	1782	1787	1796	rVV2	1020489	1651847	16.80%	1.340%
47	13.532	1812	1820	1823	rBV	511832	1015103	10.33%	0.823%
48	13.661	1838	1842	1849	rVB6	293970	716914	7.29%	0.581%
49	13.737	1850	1855	1861	rVB6	247054	473406	4.82%	0.384%
50	13.837	1867	1872	1877	rVB2	562224	914374	9.30%	0.742%
51	13.890	1877	1881	1885	rBV6	235148	455067	4.63%	0.369%
52	14.002	1893	1900	1904	rVV4	1356801	2780860	28.29%	2.256%
53	14.043	1904	1907	1912	rVV3	1076267	1652704	16.81%	1.340%
54	14.096	1912	1916	1918	rVV5	334777	527884	5.37%	0.428%
55	14.125	1918	1921	1925	rVV3	411617	626151	6.37%	0.508%
56	14.231	1925	1939	1949	rVB7	1068088	3925964	39.94%	3.184%
57	14.348	1954	1959	1964	rBV5	801657	1518859	15.45%	1.232%
58	14.483	1978	1982	1987	rVB4	295048	533174	5.42%	0.432%
59	14.560	1987	1995	2003	rVB	793358	1734758	17.65%	1.407%
60	14.707	2011	2020	2025	rBV6	441655	1043138	10.61%	0.846%
61	14.777	2025	2032	2040	rBV9	496114	1054245	10.72%	0.855%
62	14.865	2040	2047	2054	rBV5	1025570	2780775	28.29%	2.255%
63	14.924	2054	2057	2068	rVB2	525844	943332	9.60%	0.765%
64	15.012	2068	2072	2075	rBV2	543357	922833	9.39%	0.748%
65	15.042	2075	2077	2081	rVB3	584113	619810	6.31%	0.503%
66	15.083	2081	2084	2089	rVB5	327941	470337	4.78%	0.381%
67	15.153	2089	2096	2099	rBV3	572649	1086714	11.05%	0.881%
68	15.382	2131	2135	2143	rVB4	220454	602420	6.13%	0.489%
69	15.506	2154	2156	2165	rVB3	264120	476094	4.84%	0.386%
70	15.641	2165	2179	2183	rBV6	477170	1460975	14.86%	1.185%
71	15.782	2199	2203	2206	rBV3	243040	415653	4.23%	0.337%

LSC Area Percent Report

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Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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

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Peak separation: 1

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

72	15.846	2208	2214	2220	rBV2	708853	1001356	10.19%	0.812%
73	15.970	2231	2235	2241	rVB2	353156	507048	5.16%	0.411%
74	16.099	2253	2257	2262	rBV4	263940	433277	4.41%	0.351%
75	16.217	2274	2277	2282	rVB2	498151	674522	6.86%	0.547%
76	16.281	2282	2288	2291	rBV	530290	973913	9.91%	0.790%
77	16.434	2310	2314	2320	rBV4	320693	724355	7.37%	0.588%
78	16.505	2321	2326	2331	rBV3	415832	674645	6.86%	0.547%
79	16.675	2349	2355	2361	rBV3	327468	625308	6.36%	0.507%
80	16.775	2367	2372	2377	rBV2	376348	628404	6.39%	0.510%
81	16.898	2386	2393	2398	rBV3	627772	1293625	13.16%	1.049%
82	16.939	2398	2400	2406	rVB5	250545	445137	4.53%	0.361%
83	17.074	2415	2423	2433	rBV5	213241	691469	7.03%	0.561%
84	17.251	2448	2453	2457	rBV7	198095	426549	4.34%	0.346%
85	17.292	2457	2460	2463	rVV	379561	562739	5.72%	0.456%
86	17.327	2463	2466	2470	rVB3	343924	485302	4.94%	0.394%
87	17.603	2506	2513	2517	rBV	730670	1240174	12.62%	1.006%
88	17.697	2524	2529	2538	rVB	786849	1275158	12.97%	1.034%
89	19.807	2882	2888	2894	rBV	1698776	2493637	25.37%	2.023%
90	19.883	2895	2901	2903	rVV3	343143	606022	6.16%	0.492%
91	19.971	2910	2916	2929	rVB	1225603	2087430	21.23%	1.693%
92	20.435	2988	2995	3010	rVB2	311291	715274	7.28%	0.580%
93	20.917	3072	3077	3092	rVB2	253405	593105	6.03%	0.481%
94	21.463	3162	3170	3180	rBV3	314756	634820	6.46%	0.515%
95	21.892	3235	3243	3248	rBV	919037	1625602	16.54%	1.319%
96	21.957	3248	3254	3259	rVV3	699071	1096828	11.16%	0.890%
97	22.691	3368	3379	3392	rBV2	375331	950589	9.67%	0.771%
98	25.077	3773	3785	3798	rBV2	607645	1920301	19.53%	1.558%
99	25.312	3814	3825	3835	rBV2	511370	1585452	16.13%	1.286%
100	27.163	4132	4140	4155	rVB10	131290	507806	5.17%	0.412%

Sum of corrected areas: 123291722

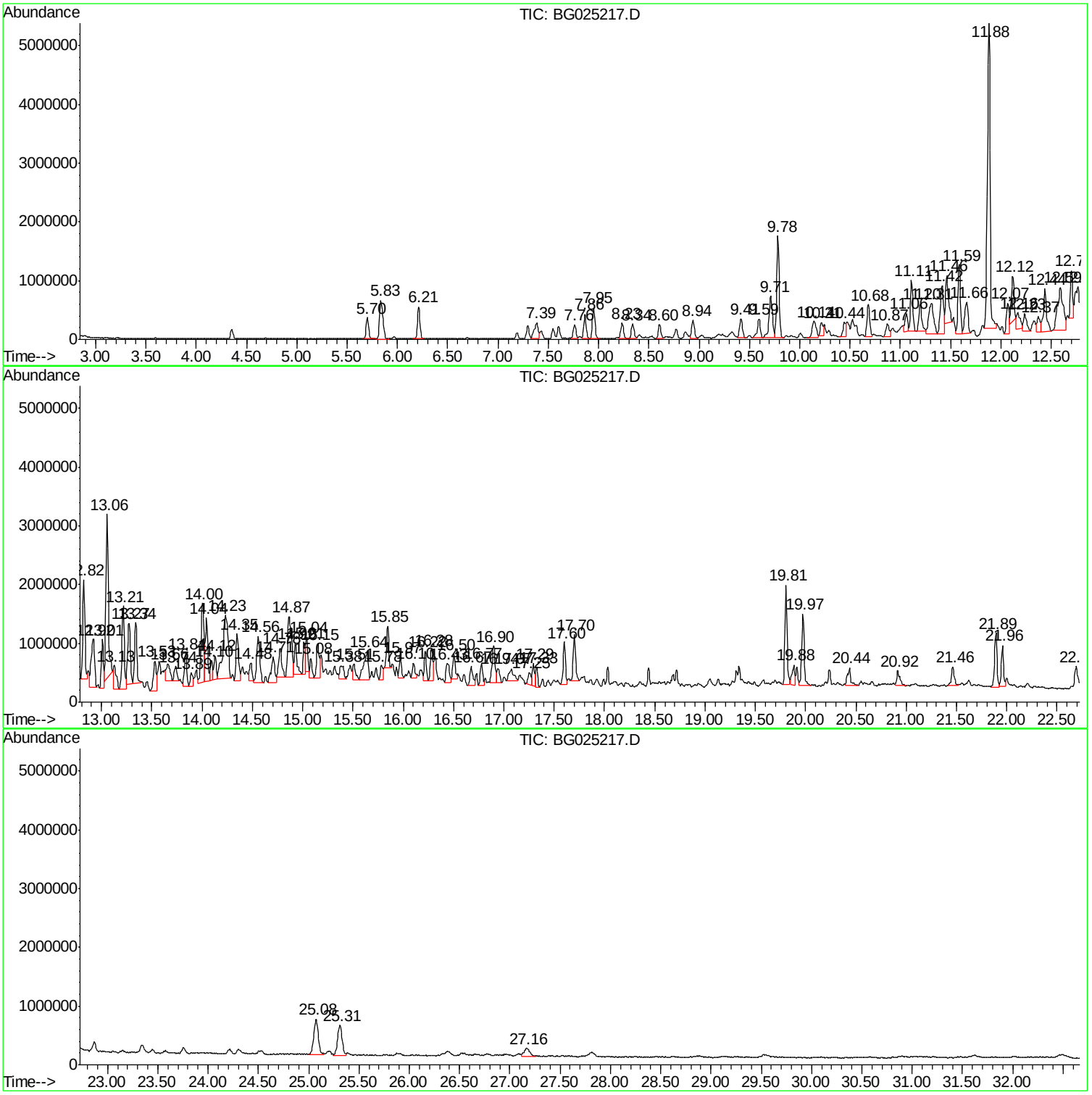
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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\BG121516\
Data File : BG025217.D
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Sample : H5995-10
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Instrument : BNA_G
ClientSampleId : DA875

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

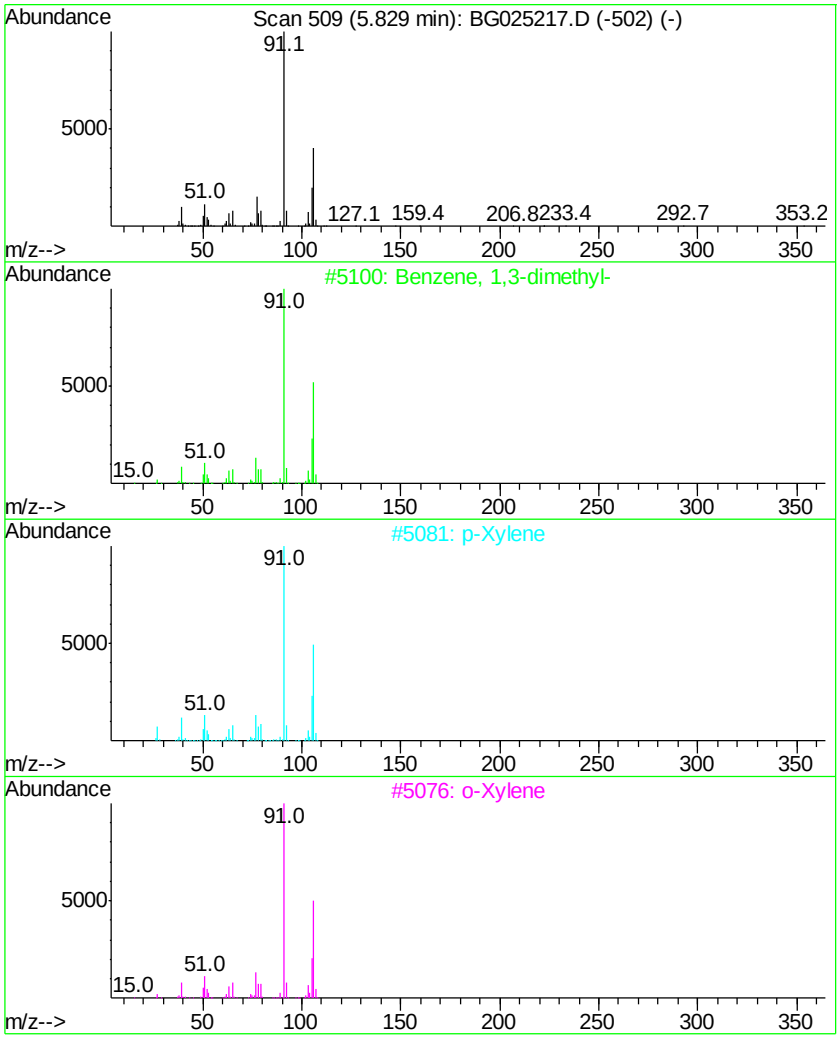
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

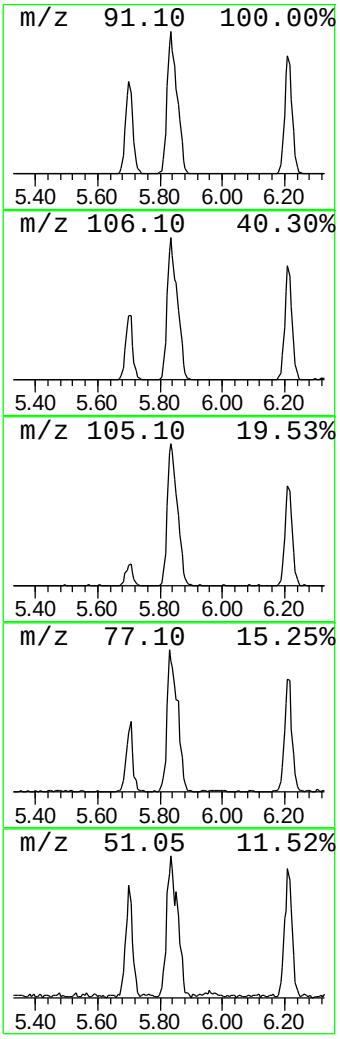
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	62.48 ng/ul	1530540	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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

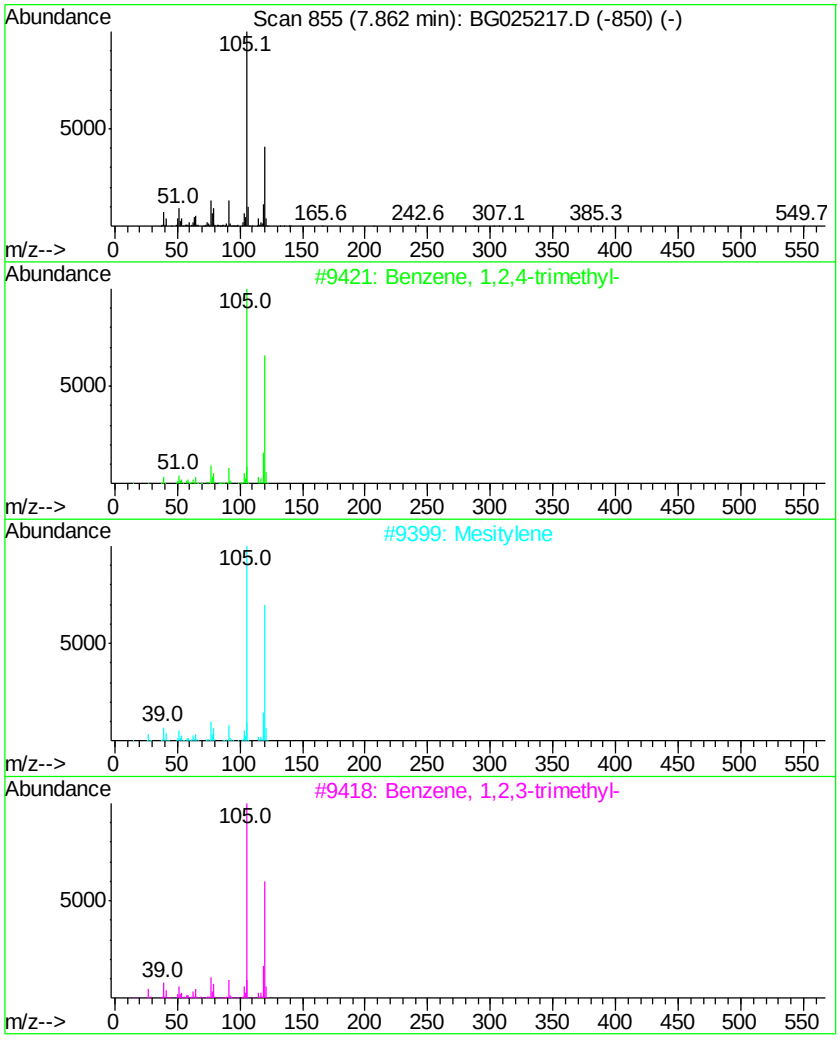
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

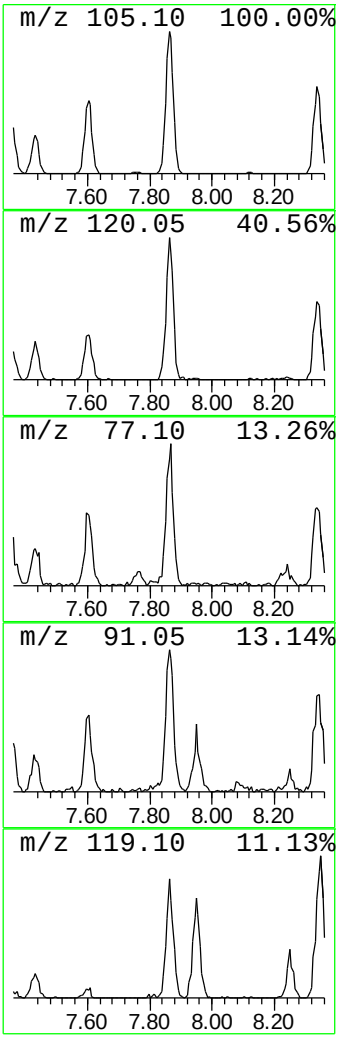
****

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	29.57 ng/ul	724453	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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

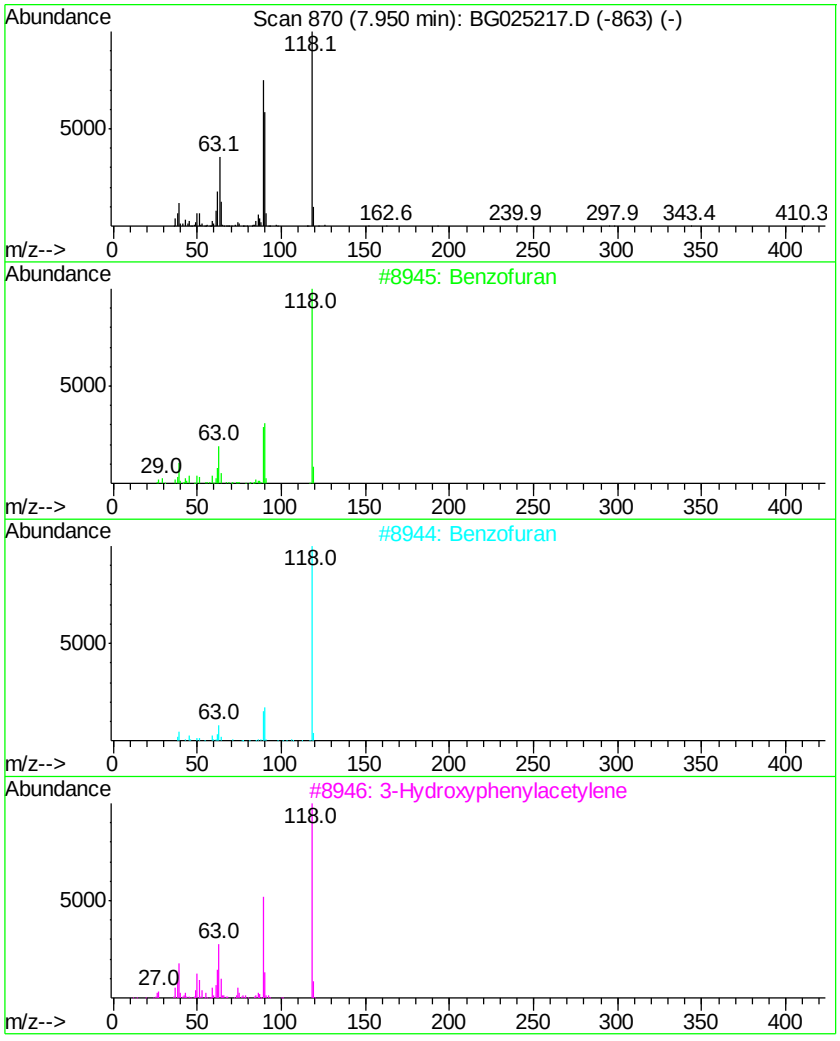
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

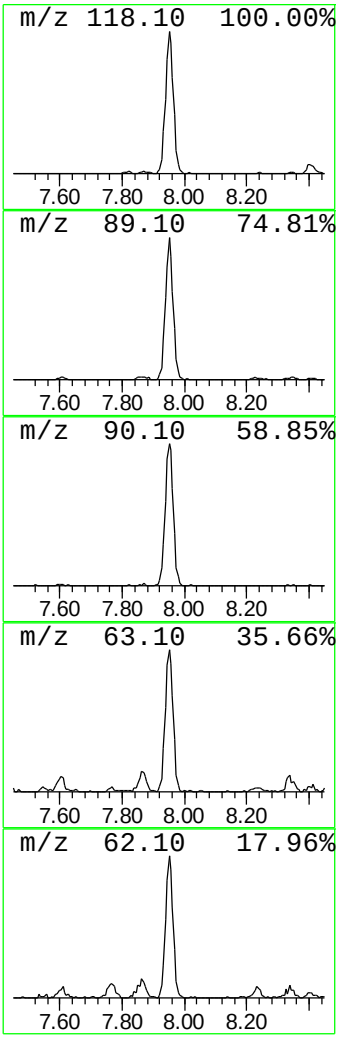
****

Peak Number 5 Benzofuran Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	38.31 ng/ul	938619	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	94
2	Benzofuran	118	C8H6O	000271-89-6	91
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	90
4	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	86
5	Ethyl-.alpha.-bromophenyl acetate	242	C10H11BrO2	002882-19-1	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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

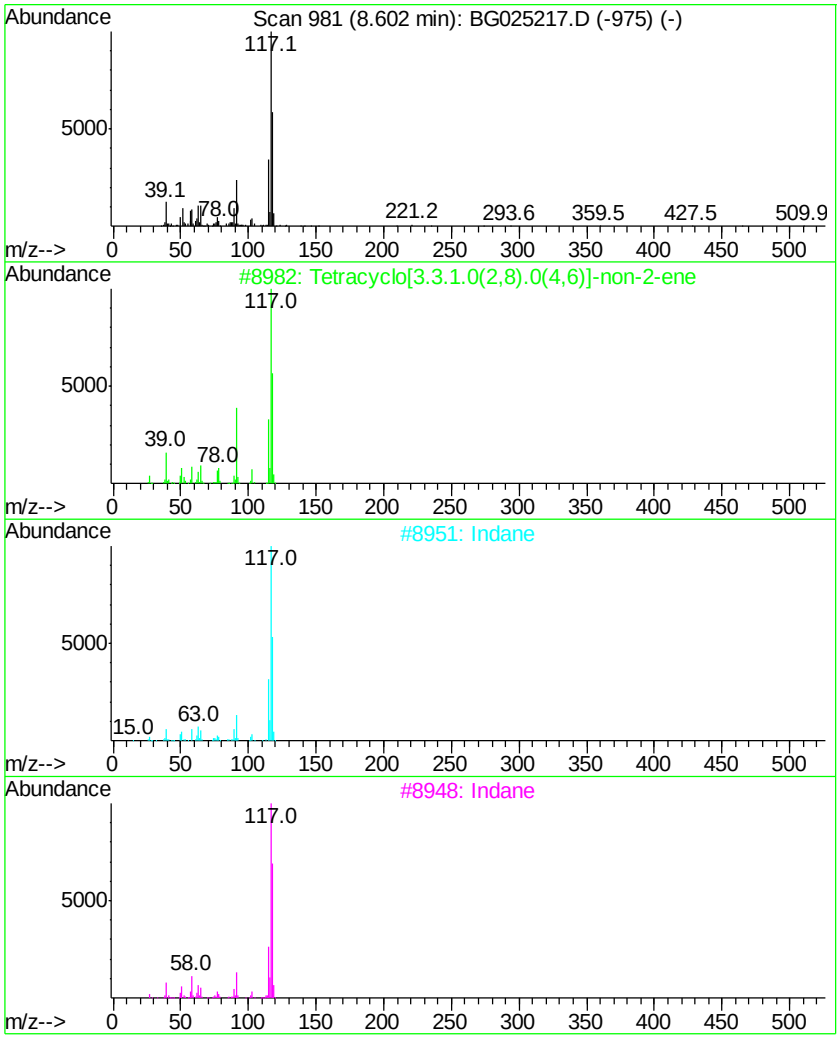
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

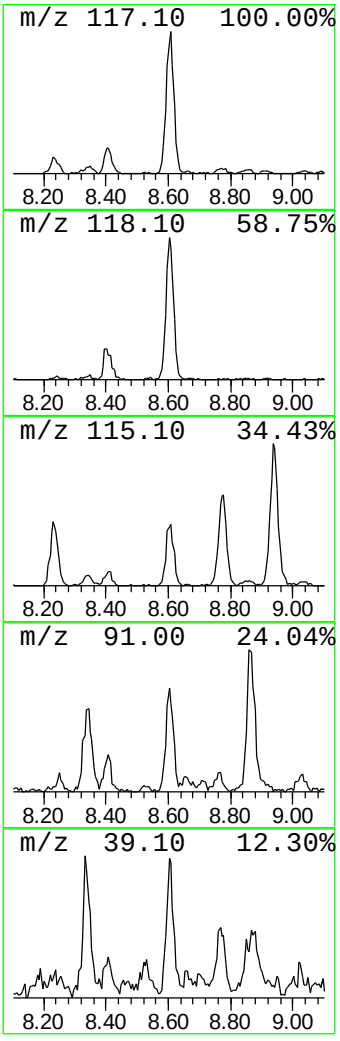
****

Peak Number 7 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	18.27 ng/ul	447566	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
2	Indane	118	C9H10	000496-11-7	81
3	Indane	118	C9H10	000496-11-7	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Indane	118	C9H10	000496-11-7	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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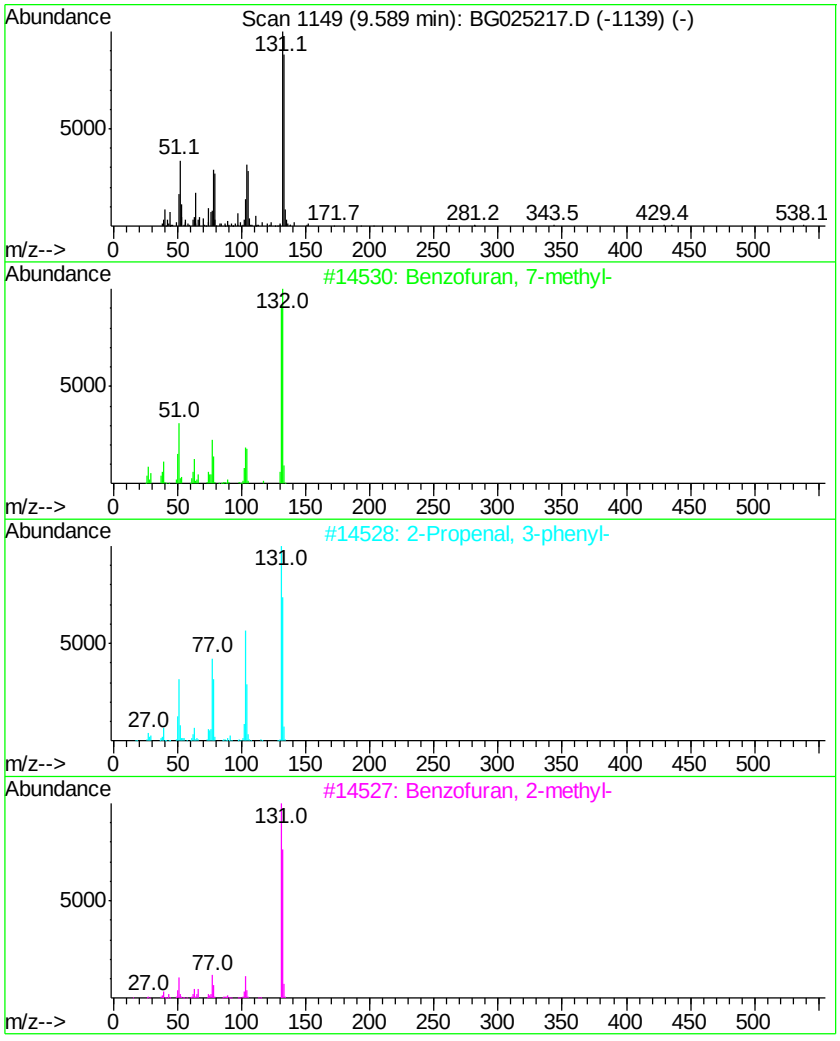
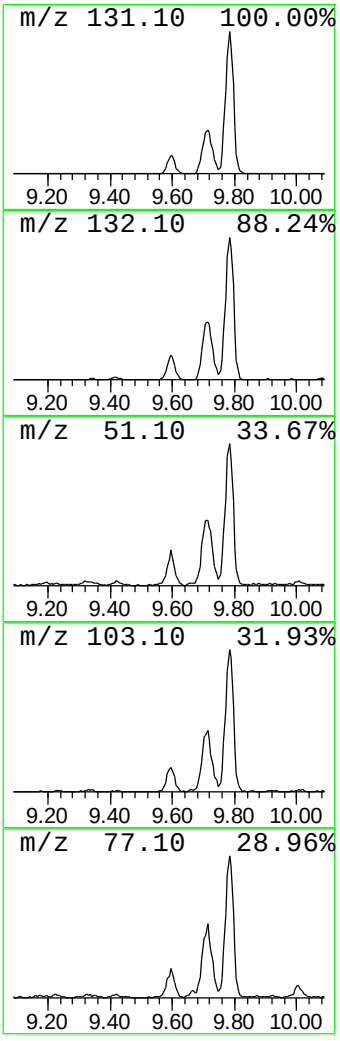
Peak Number 8 Benzofuran, 7-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	27.81 ng/ul	681357	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





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Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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

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

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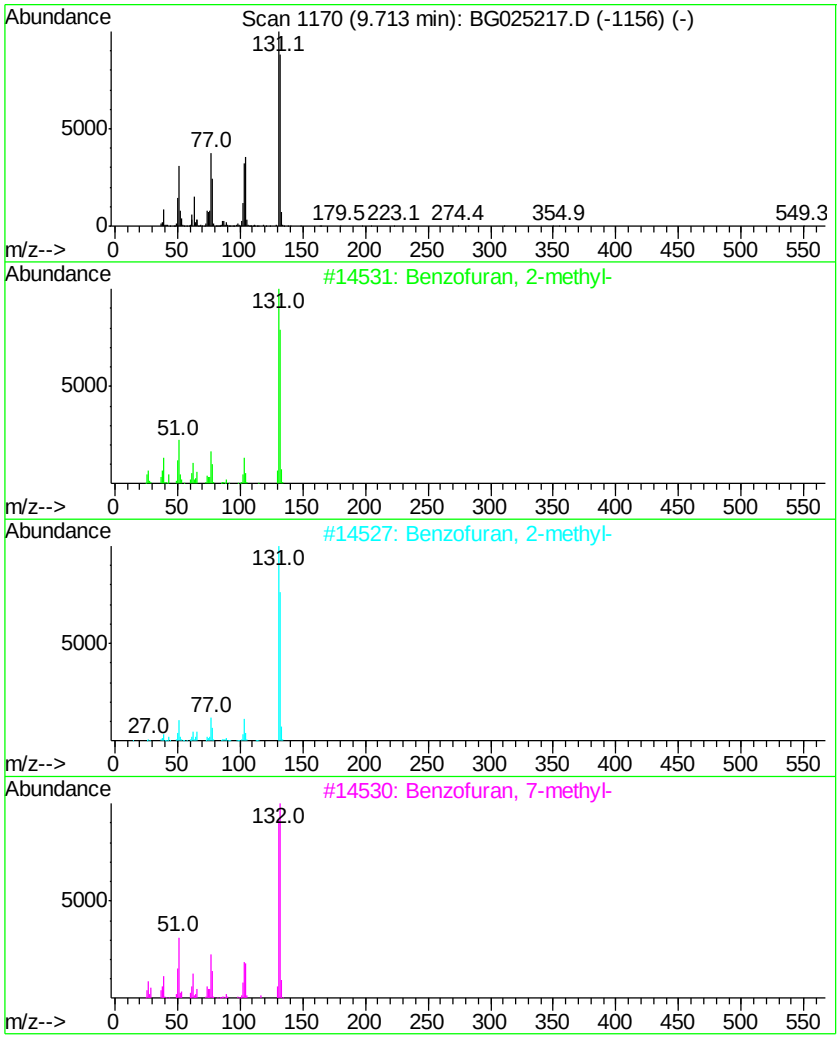
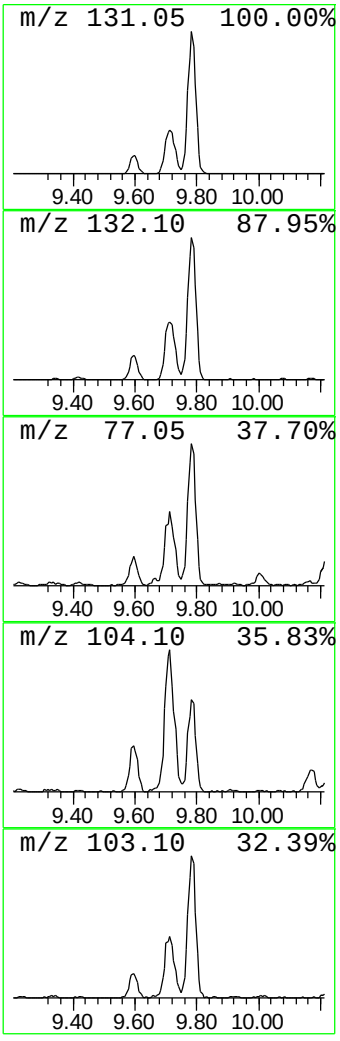
Peak Number 9 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	64.17 ng/ul	1732090	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	93
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91





Library Search Compound Report

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Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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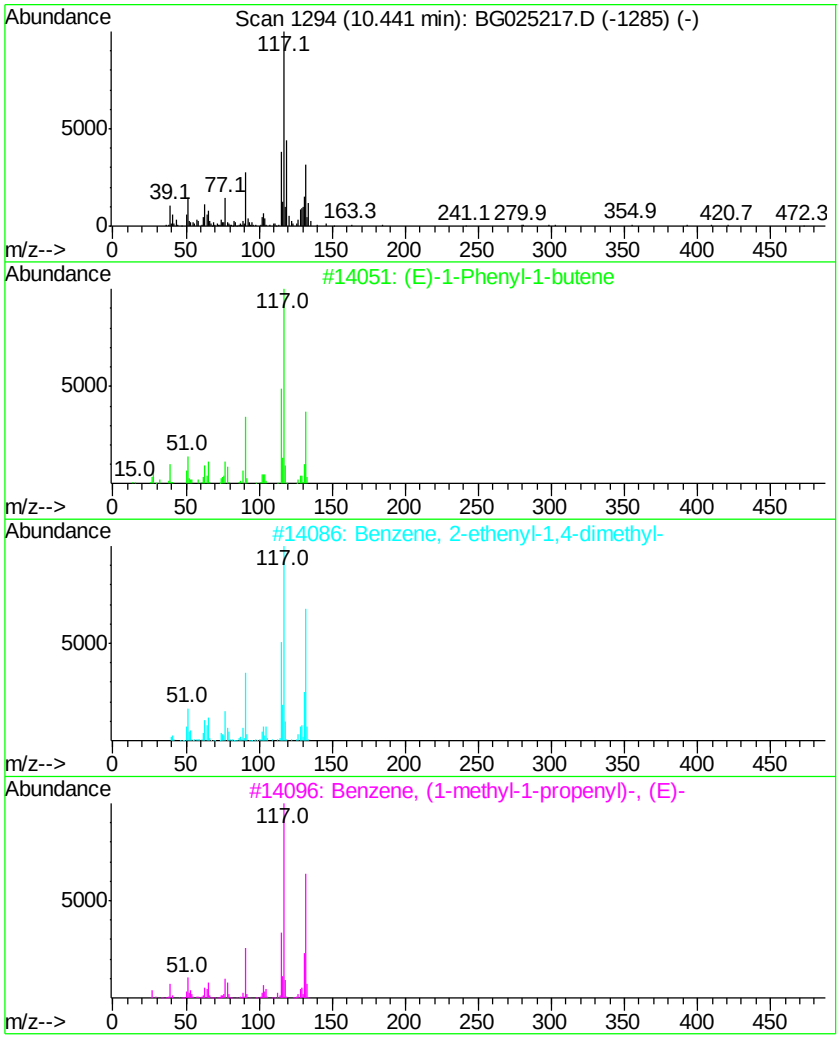
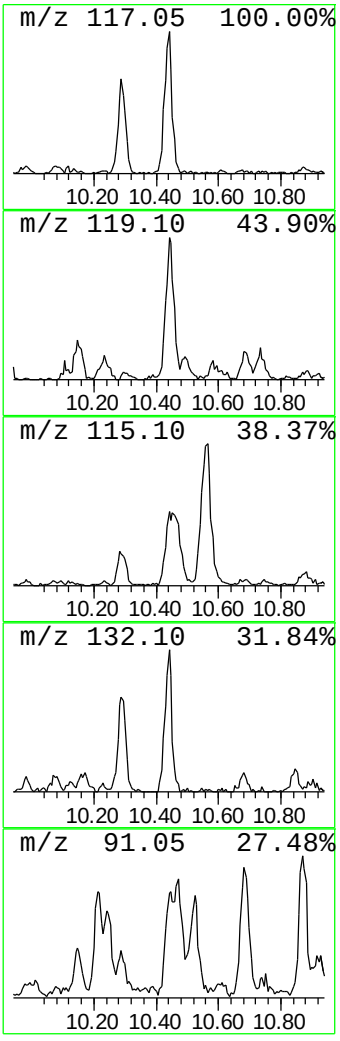
Peak Number 11 (E)-1-Phenyl-1-butene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	17.75 ng/ul	479040	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	86
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70





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Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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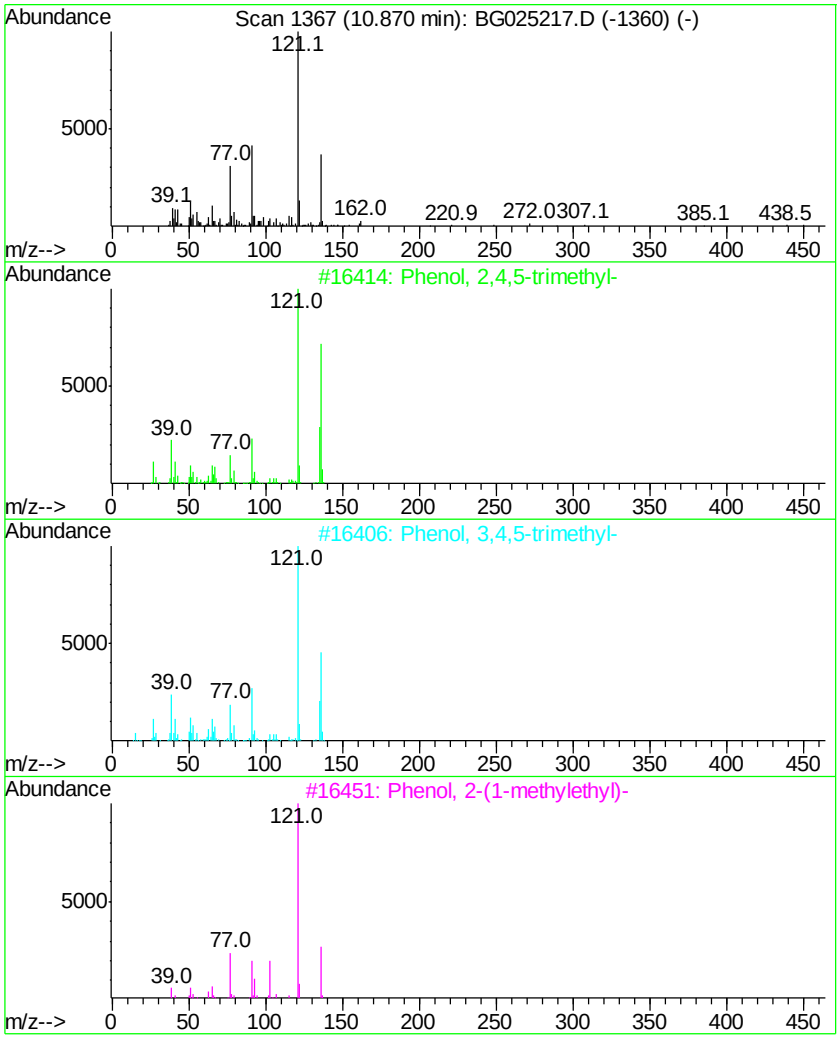
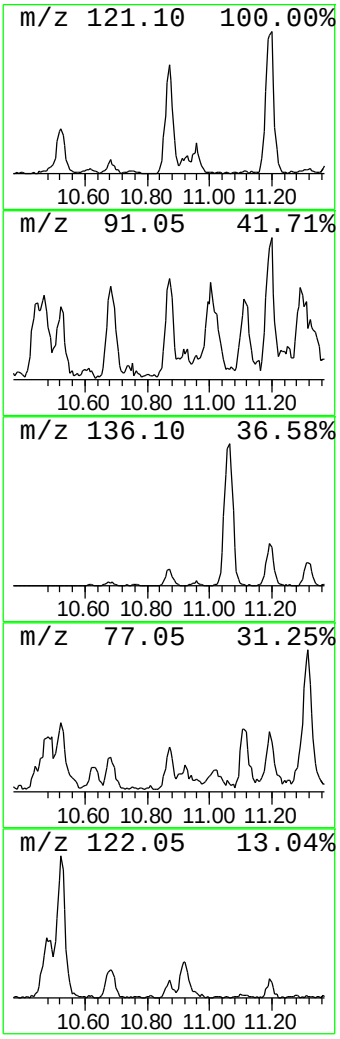
Peak Number 12 Phenol, 2,4,5-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	17.08 ng/ul	460930	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	83
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	83
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	83
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80





Library Search Compound Report

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Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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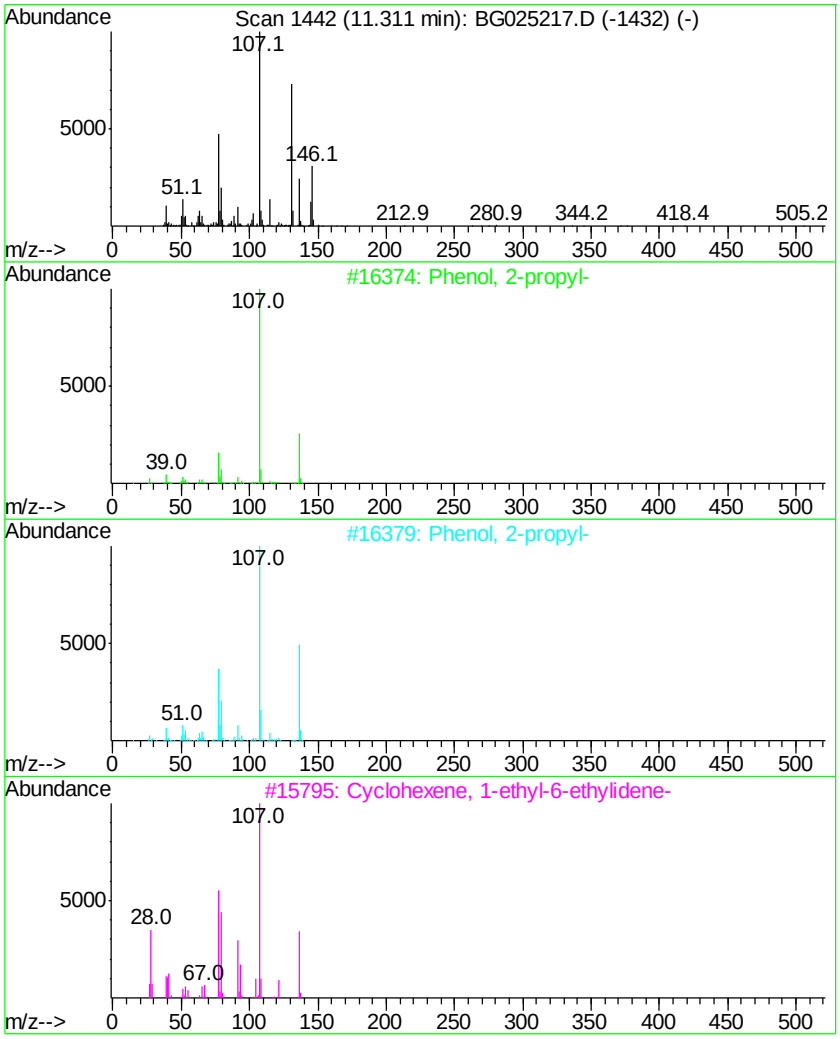
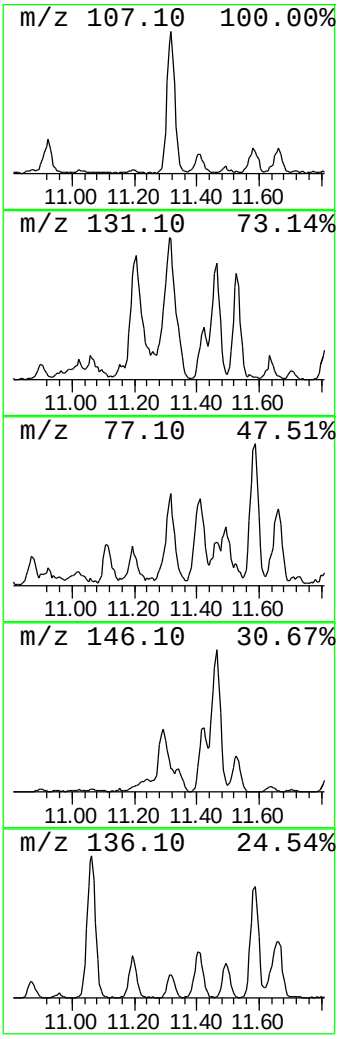
Peak Number 13 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	64.65 ng/ul	1744940	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	46
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	43
3	Cyclohexene, 1-ethyl-6-ethylidene-	136	C10H16	061141-57-9	43
4	Phenol, 3-propyl-	136	C9H12O	000621-27-2	43
5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	43





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Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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

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

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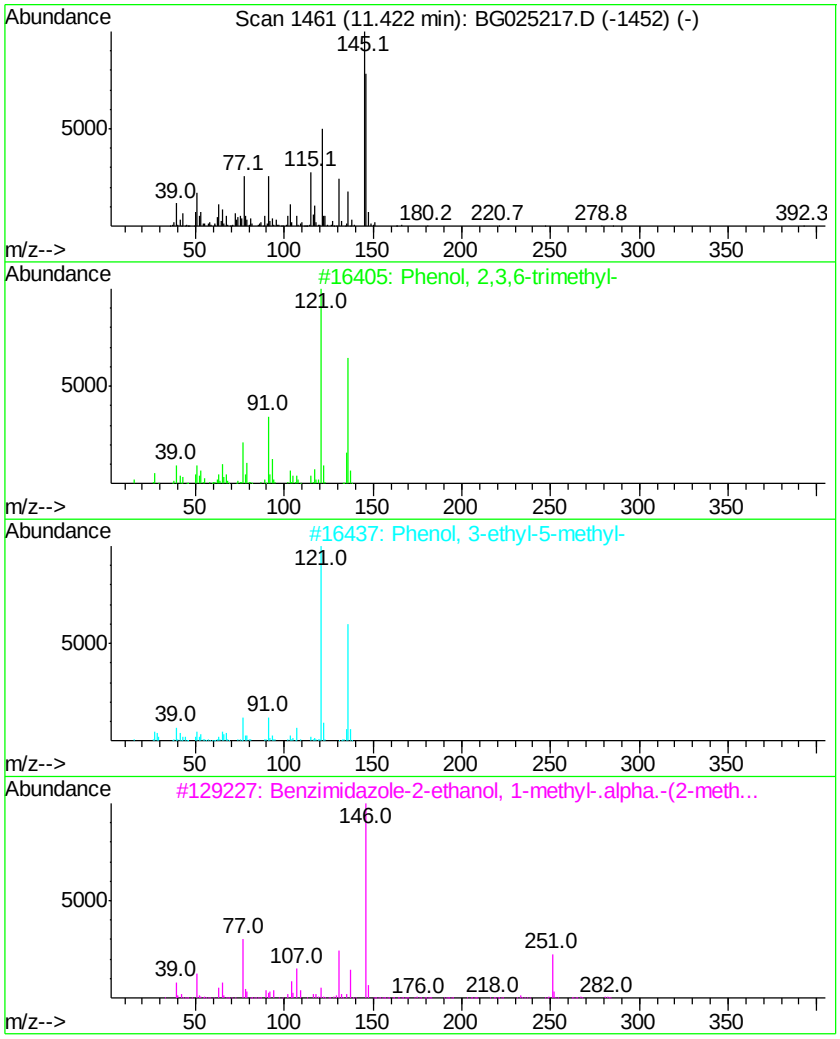
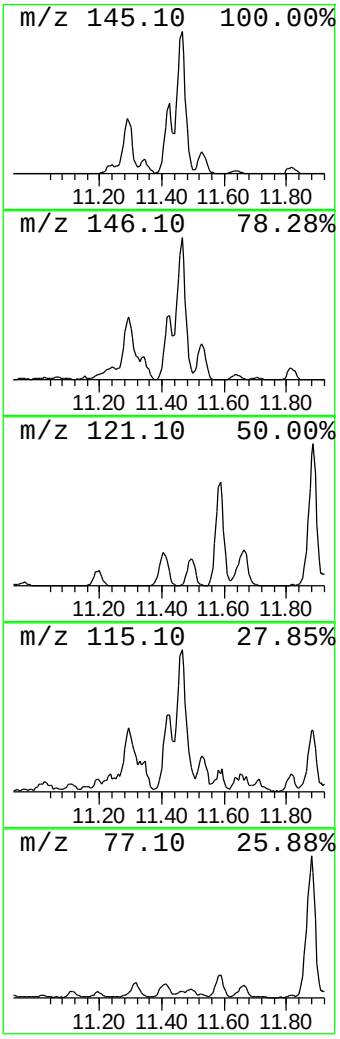
Peak Number 14 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	67.75 ng/ul	1828560	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	38
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	30
3	Benzimidazole-2-ethanol, 1-methy...	282	C17H18N2O2	309724-76-3	27
4	Phenol, 2-(1-methylethyl)-, meth...	193	C11H15NO2	002631-40-5	27
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	25





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Sample : H5995-10
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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Quant Title : SVOA CALIBRATION

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

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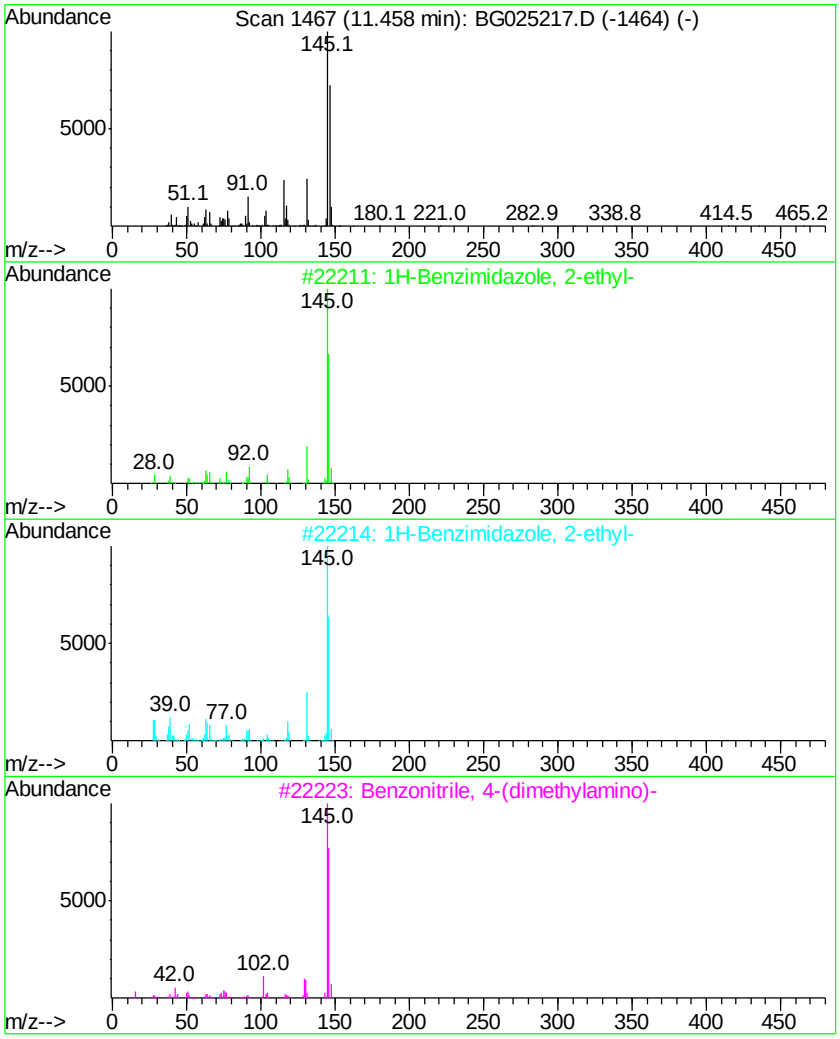
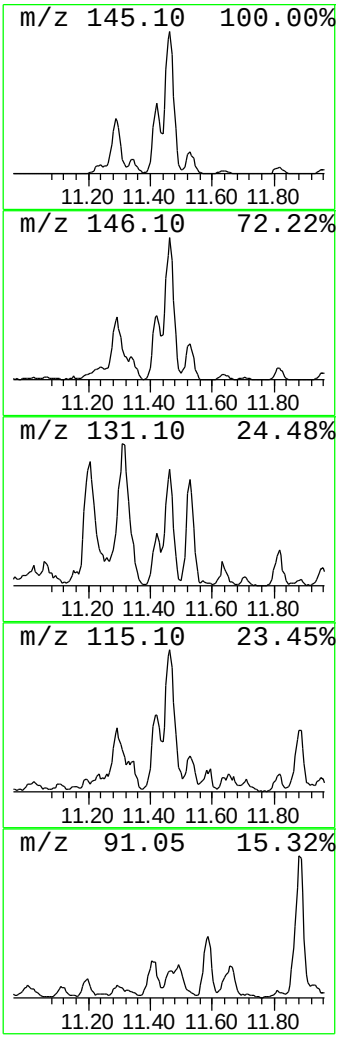
Peak Number 15 1H-Benzimidazole, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	59.25 ng/ul	1599300	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
5	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	53





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Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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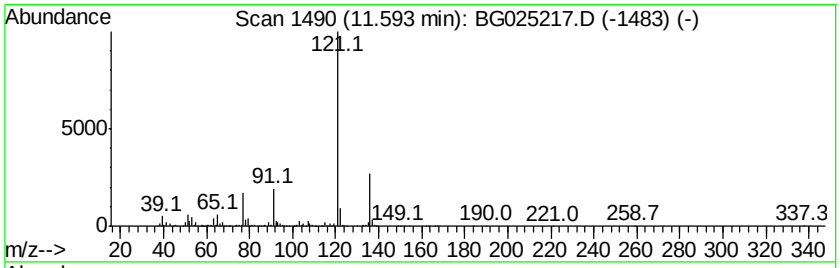
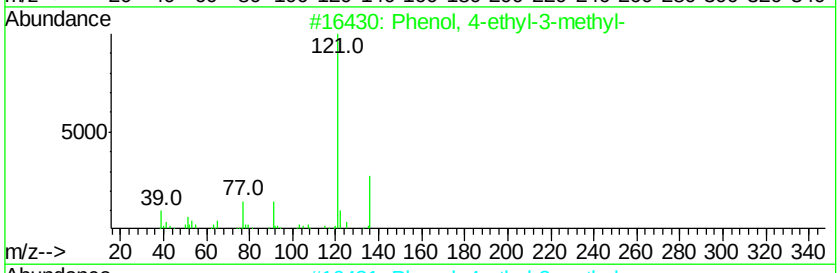
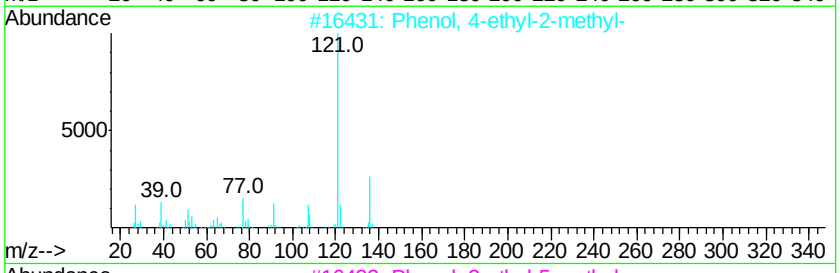
Peak Number 16 Phenol, 4-ethyl-3-methyl- Concentration Rank 5

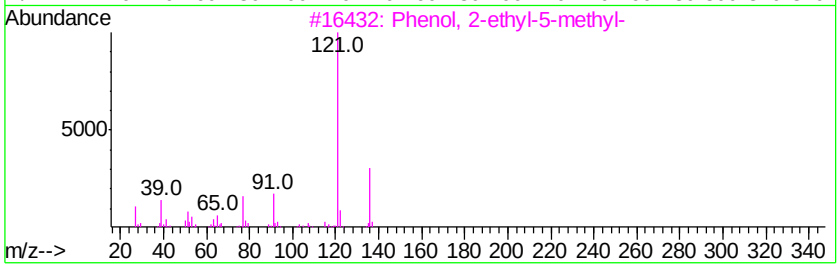
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	76.33 ng/ul	2060130	Naphthalene-d8	11.06

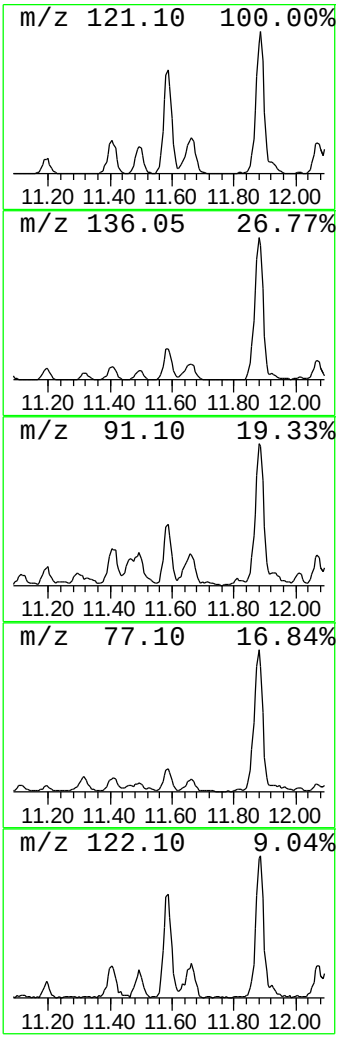
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
2	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	90
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	90
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90











Library Search Compound Report

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Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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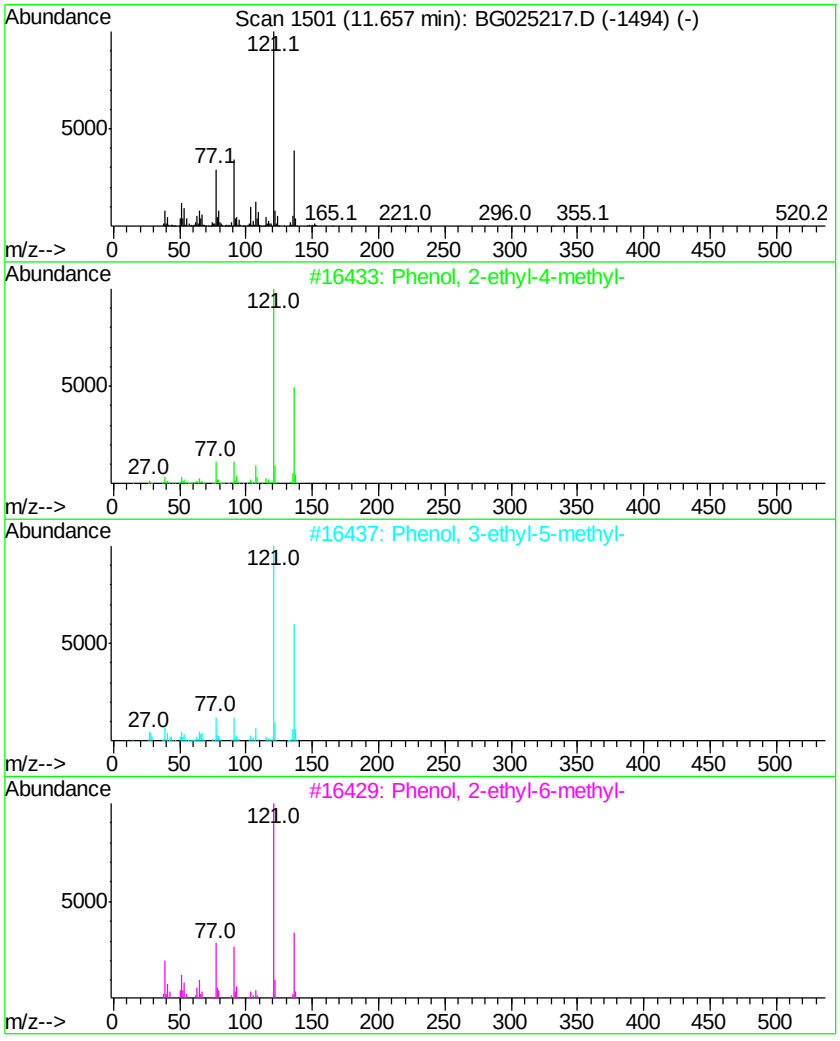
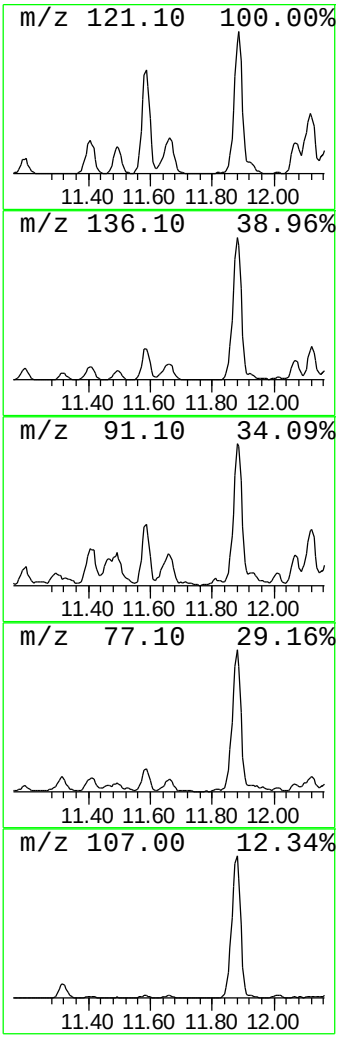
Peak Number 17 Phenol, 2-ethyl-4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	45.55 ng/ul	1229460	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	90
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	74
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	74





Library Search Compound Report

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Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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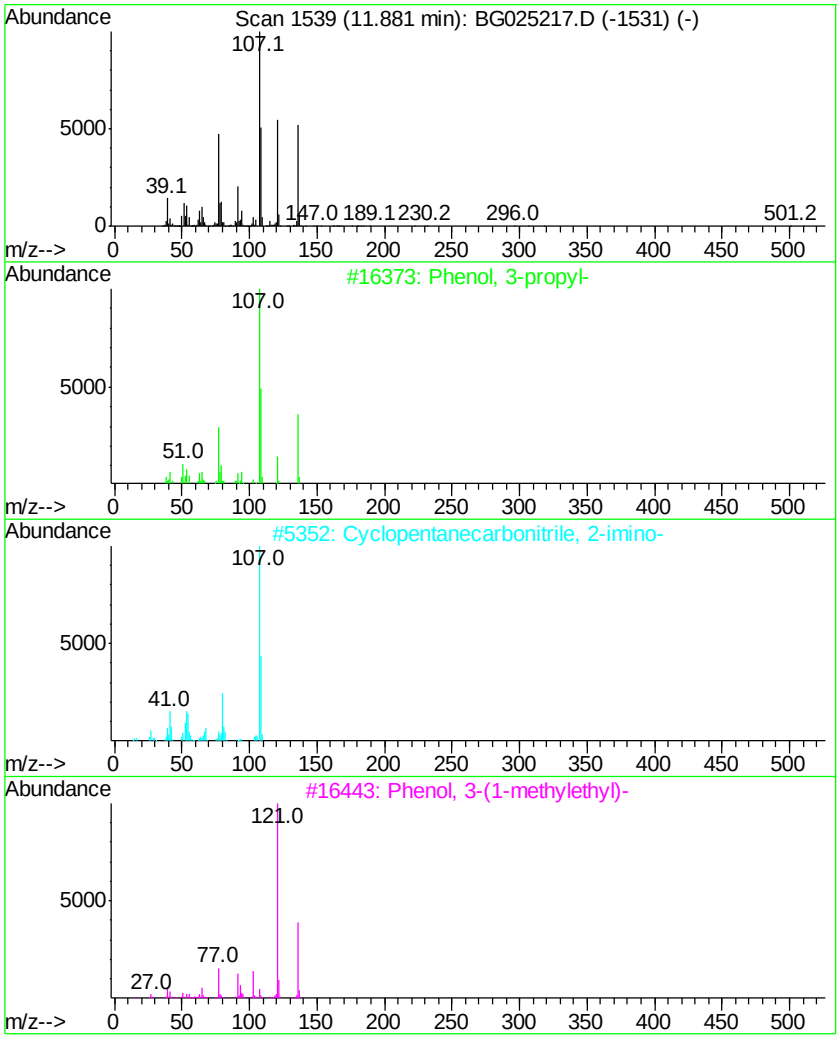
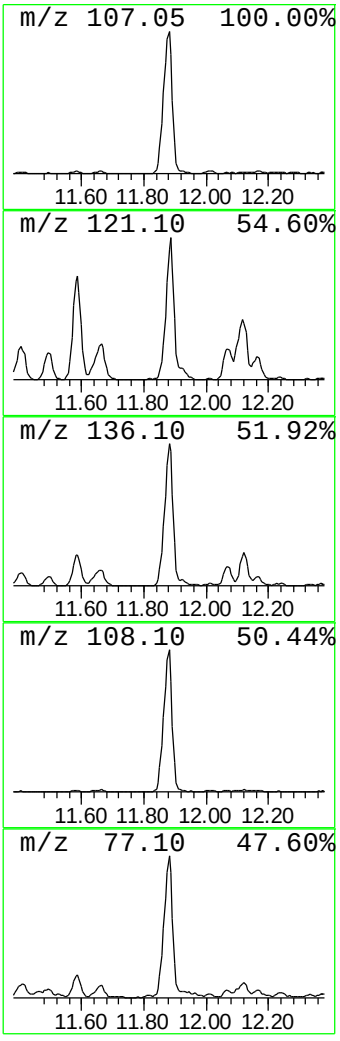
Peak Number 18 Phenol, 3-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	364.21 ng/ul	9830430	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	90
2	Cyclopentanecarbonitrile, 2-imino-	108	C6H8N2	002321-76-8	46
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	46
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	38
5	Phenol, 2-methyl-	108	C7H8O	000095-48-7	38





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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Quant Title : SVOA CALIBRATION

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

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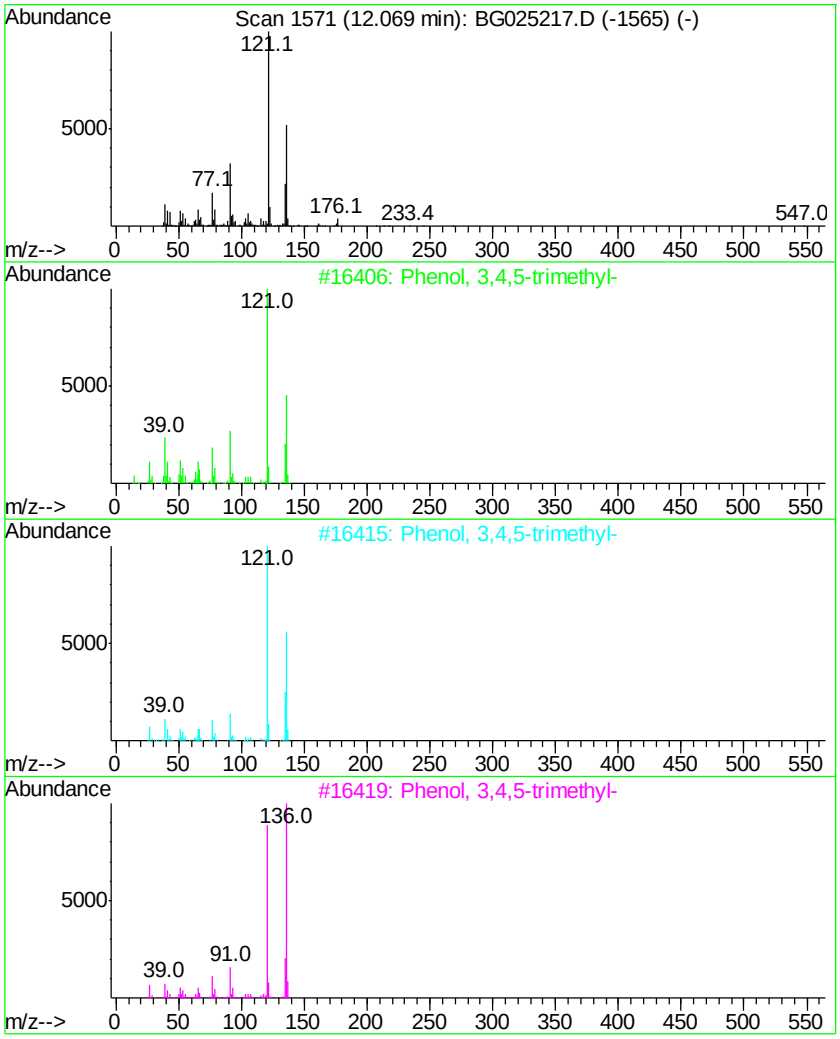
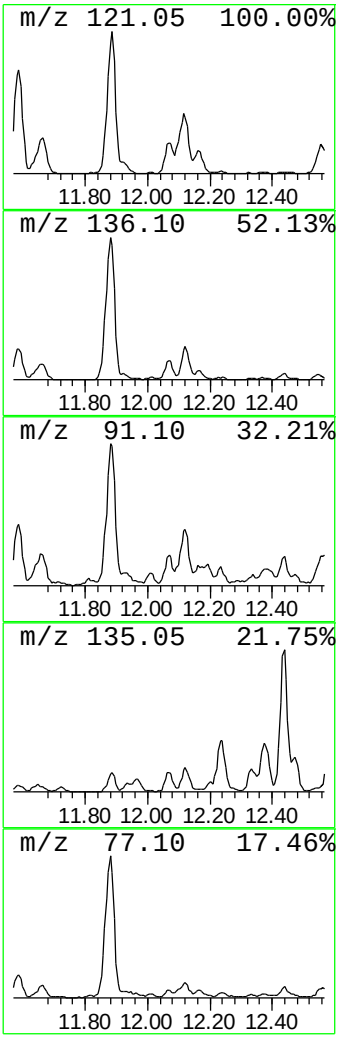
Peak Number 19 Phenol, 3,4,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	36.27 ng/ul	979068	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	90





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Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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

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

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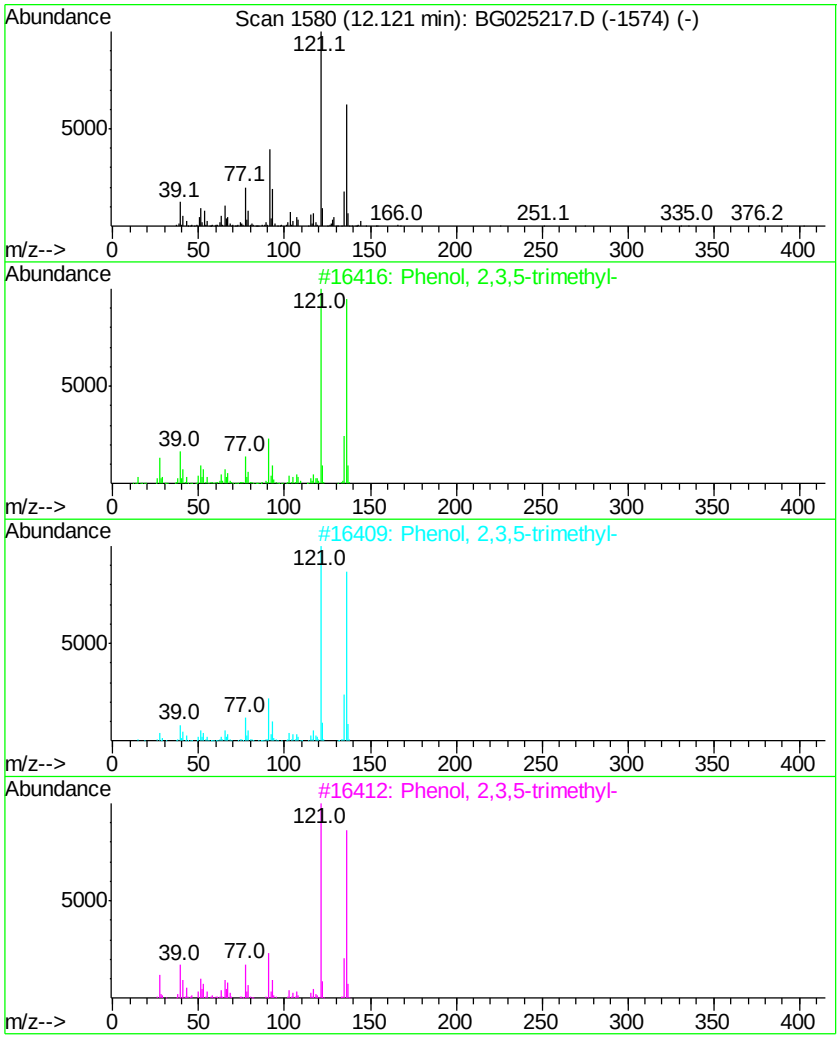
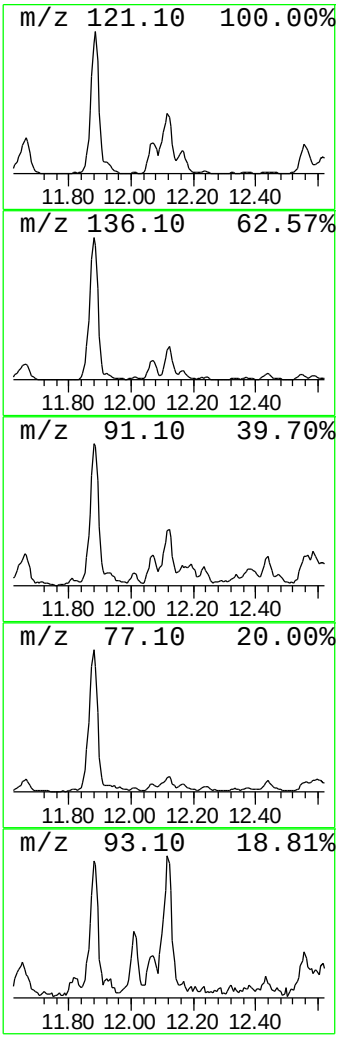
Peak Number 20 Phenol, 2,3,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	50.97 ng/ul	1375810	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	86
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	83





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Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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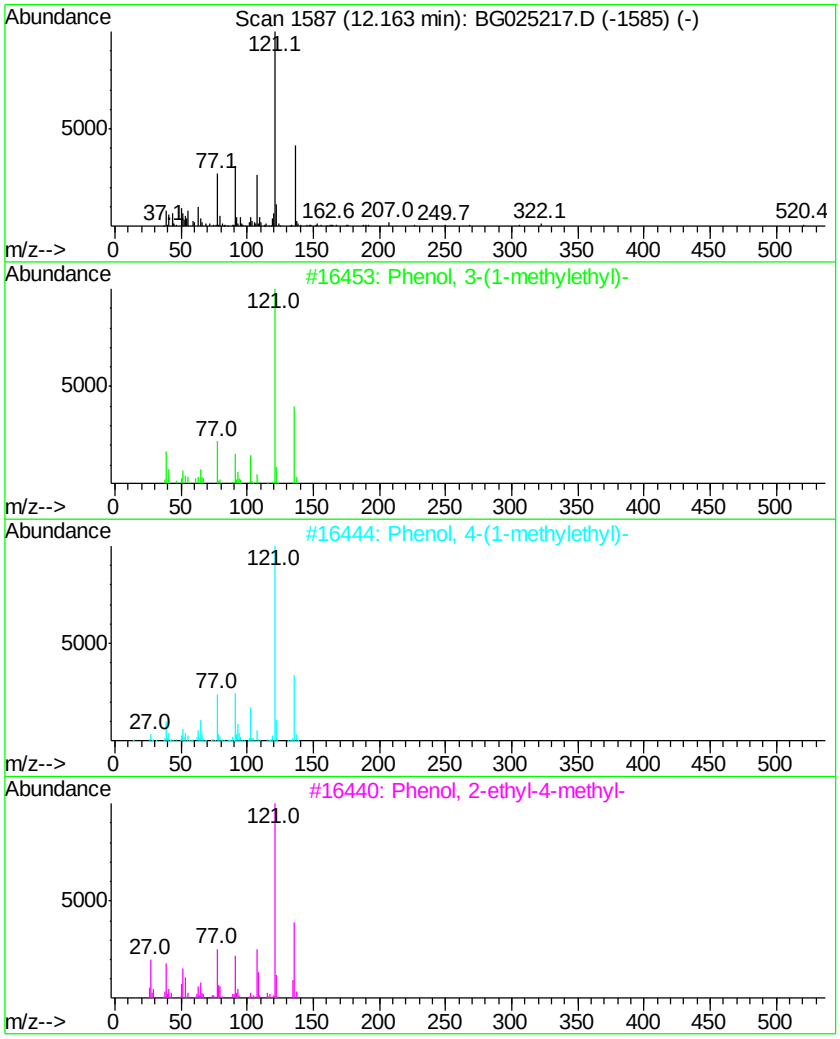
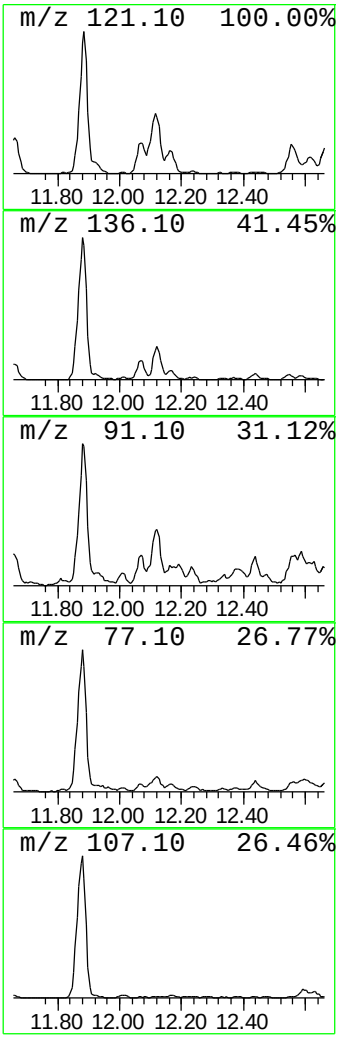
Peak Number 21 Phenol, 3-(1-methylethyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	24.69 ng/ul	666356	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	80
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	78
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	72
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	72





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Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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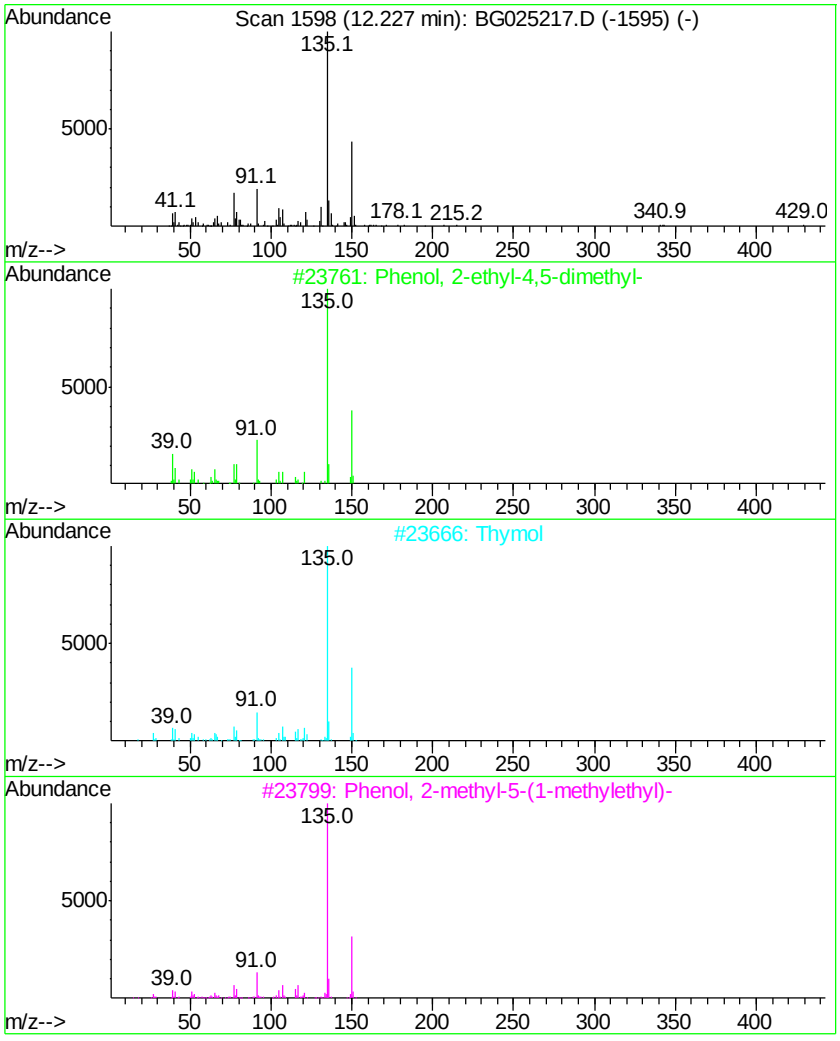
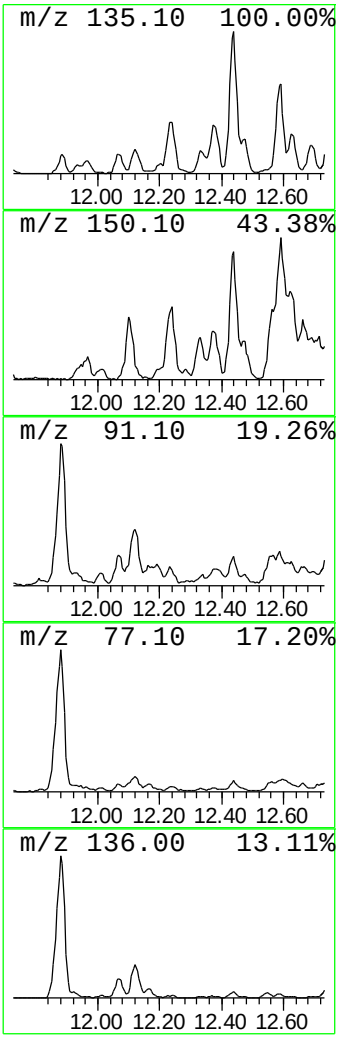
Peak Number 22 Phenol, 2-ethyl-4,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	25.02 ng/ul	675309	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	90
2	Thymol	150	C10H14O	000089-83-8	90
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	87
4	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	81
5	Thymol	150	C10H14O	000089-83-8	74





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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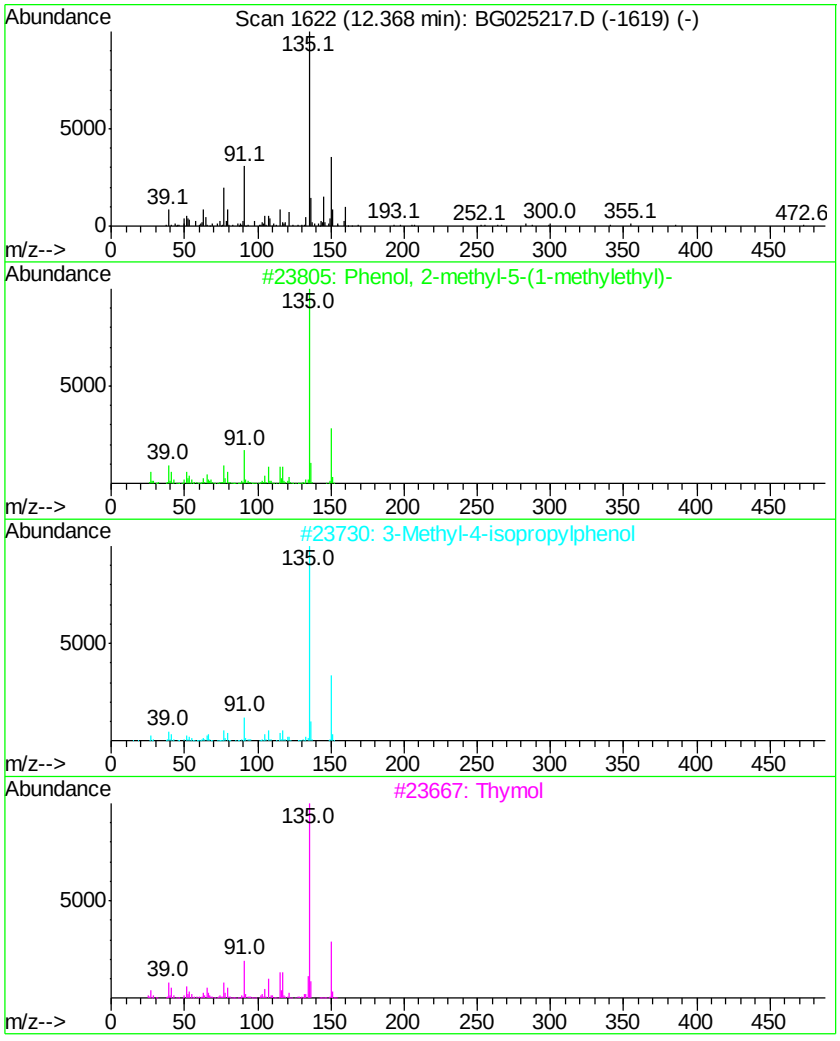
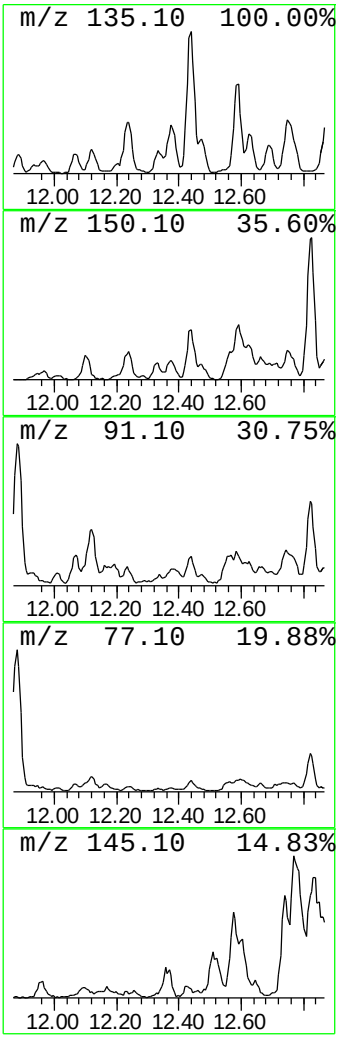
Peak Number 23 Phenol, 2-methyl-5-(1-methy... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	20.93 ng/ul	564948	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	90
2	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	87
3	Thymol	150	C10H14O	000089-83-8	87
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	87
5	3,4-Diethylphenol	150	C10H14O	000875-85-4	87





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Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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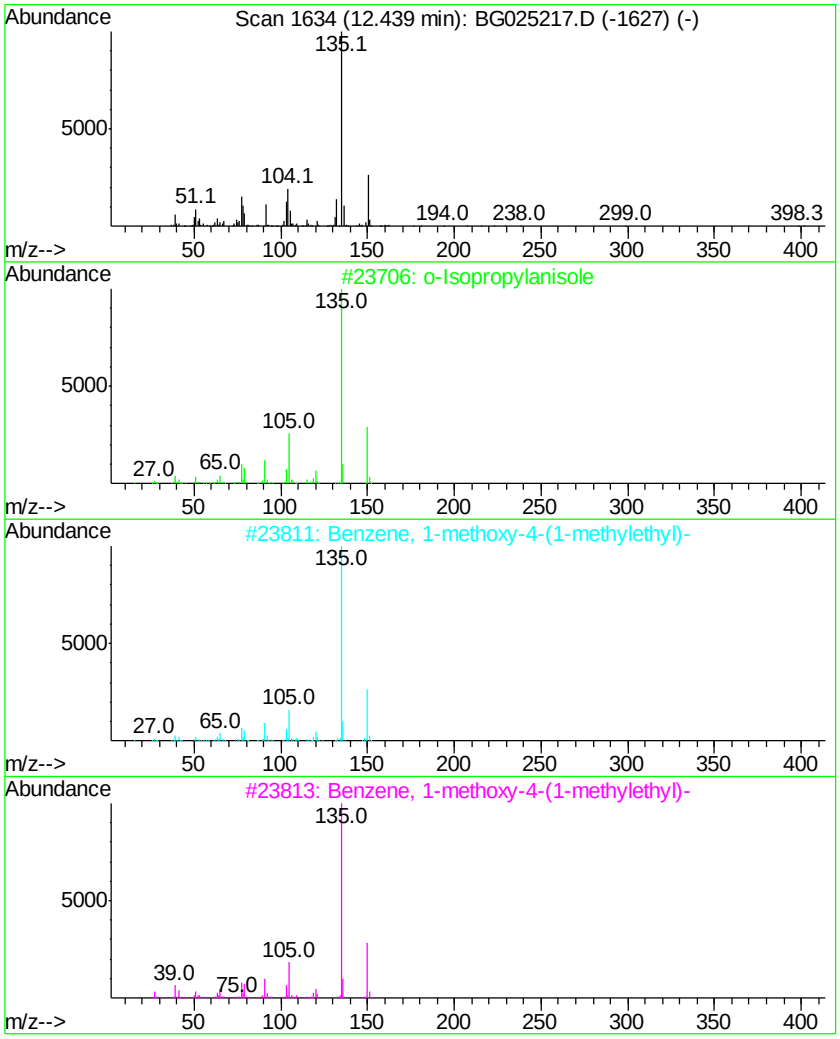
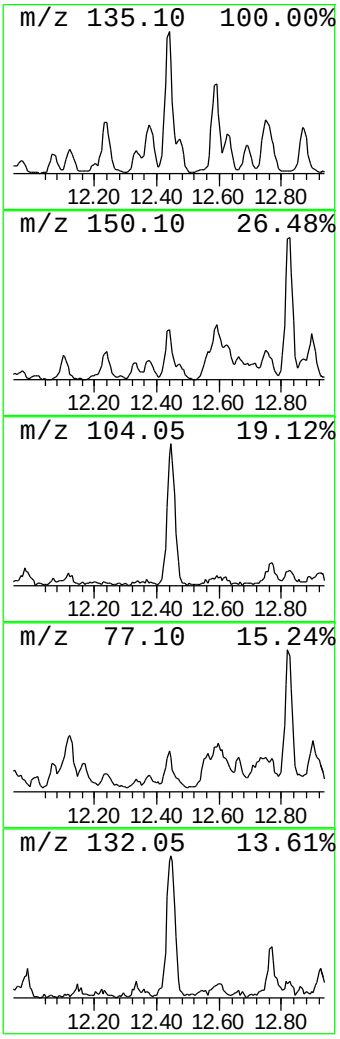
Peak Number 24 o-Isopropylanisole Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	60.37 ng/ul	1629440	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Isopropylanisole	150	C10H14O	002944-47-0	68
2	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	62
3	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	58
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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Quant Title : SVOA CALIBRATION

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

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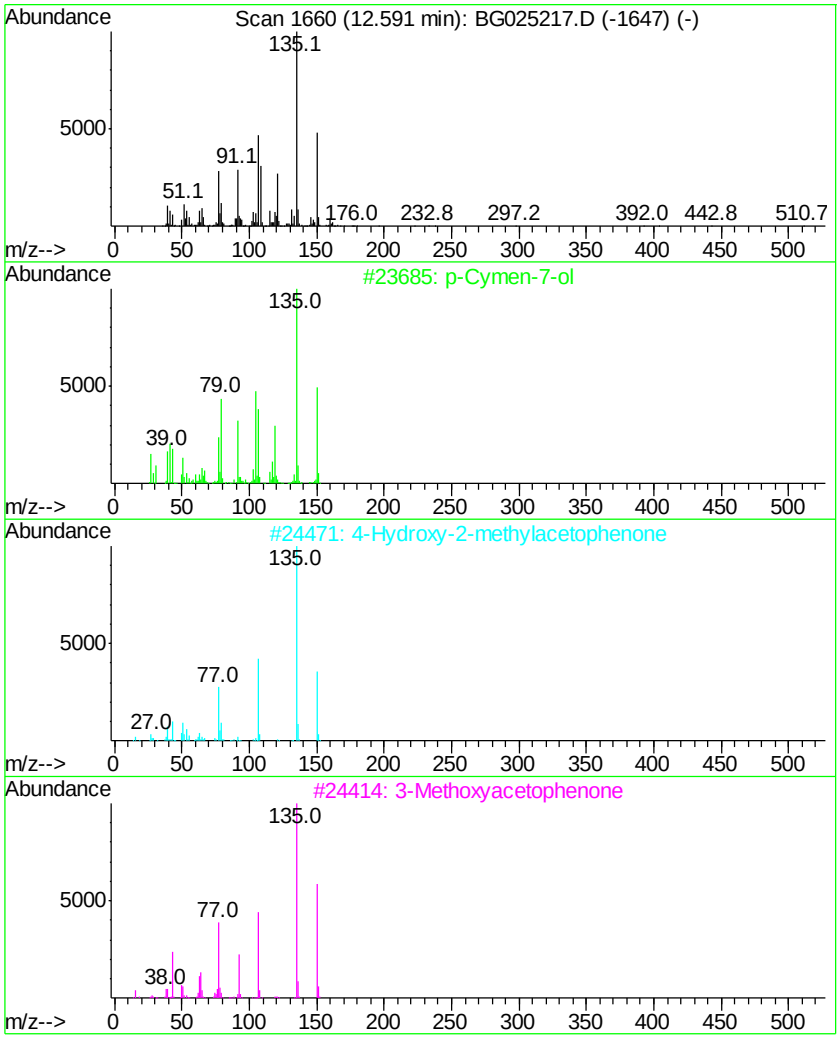
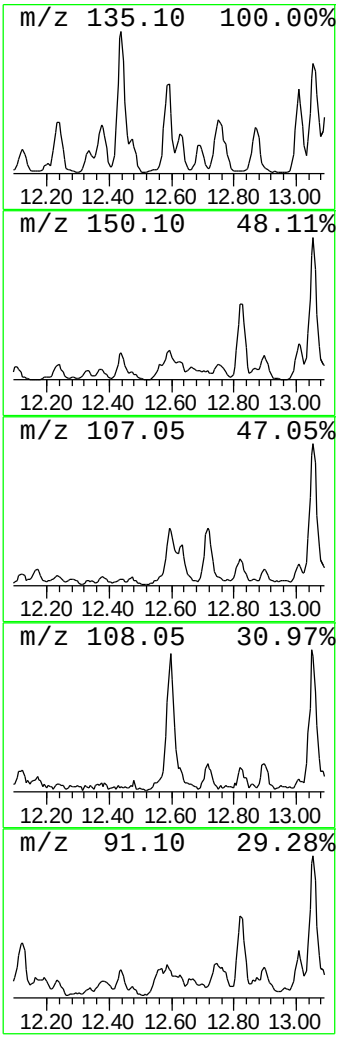
Peak Number 25 p-Cymen-7-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	106.79 ng/ul	2882320	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymen-7-ol	150	C10H14O	000536-60-7	83
2	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	83
3	3-Methoxyacetophenone	150	C9H10O2	000586-37-8	80
4	3-Methoxyacetophenone	150	C9H10O2	000586-37-8	80
5	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	76





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Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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Quant Title : SVOA CALIBRATION

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

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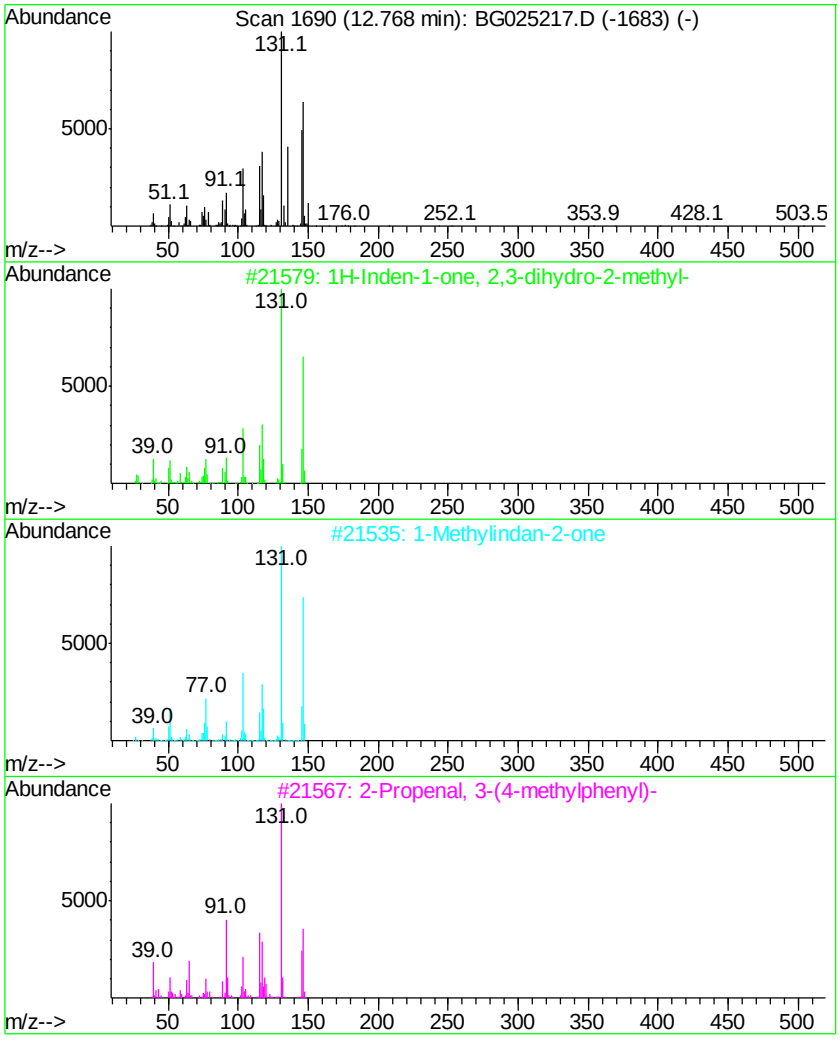
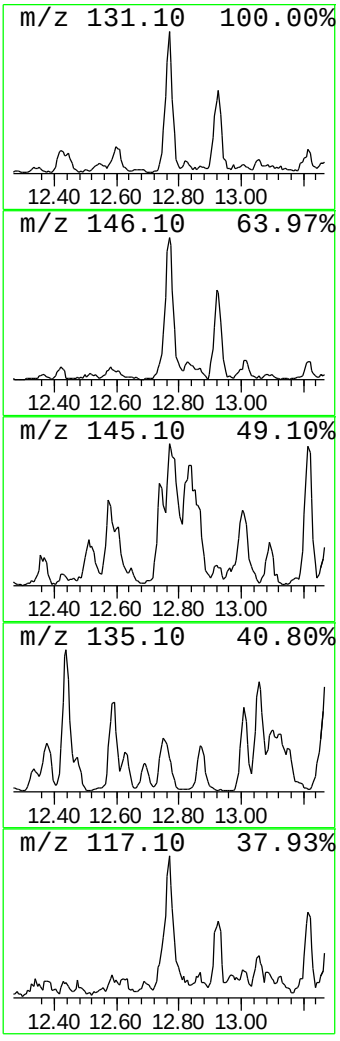
Peak Number 26 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	50.16 ng/ul	1353770	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	86
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	64
3	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	53
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	49
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	49





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Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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Quant Title : SVOA CALIBRATION

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

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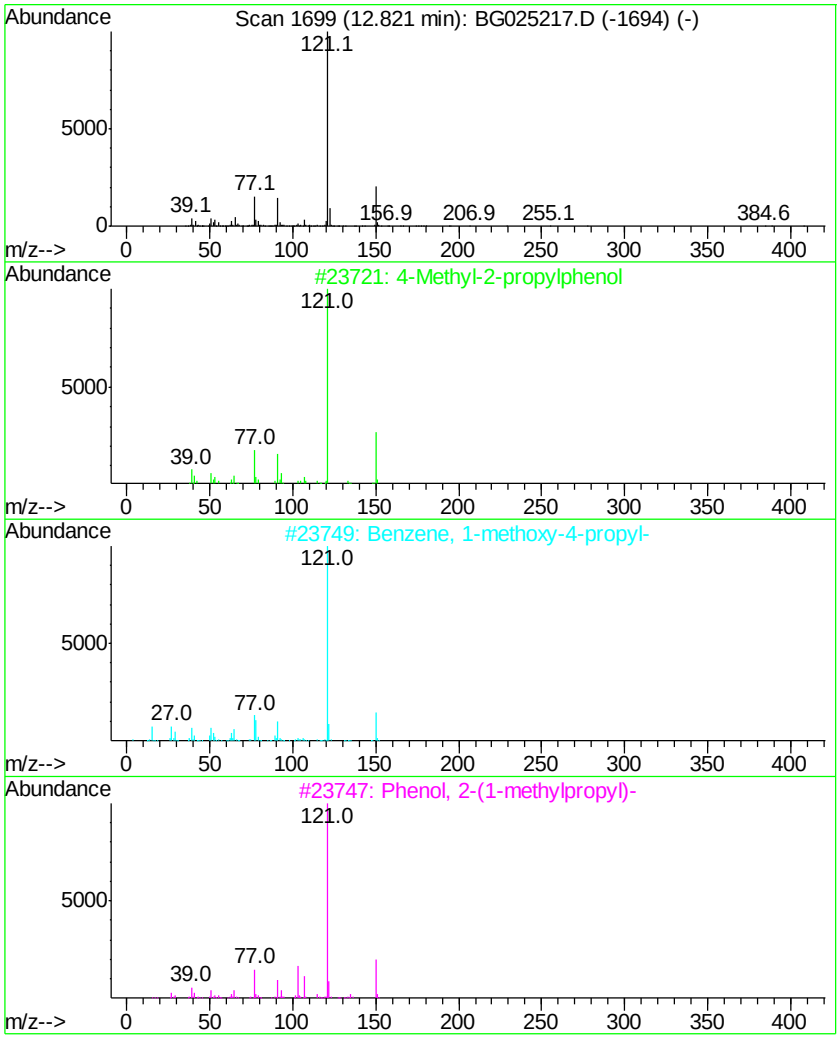
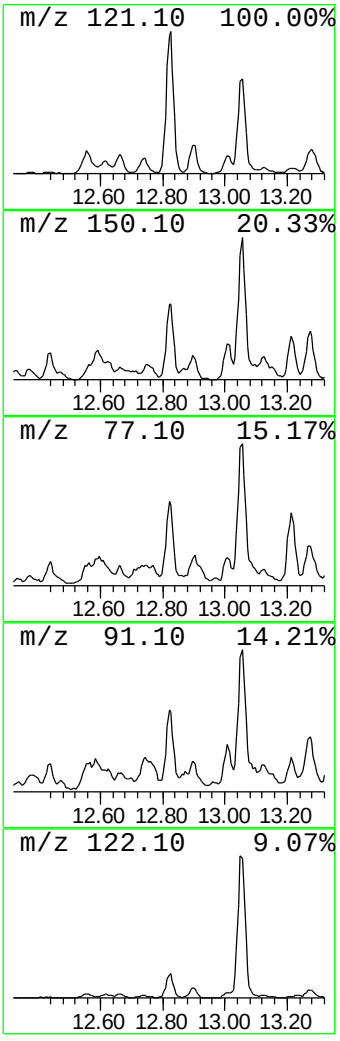
Peak Number 27 4-Methyl-2-propylphenol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	100.34 ng/ul	2708180	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-2-propylphenol	150	C10H14O	004074-46-8	90
2	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	90
3	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	90
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	90
5	2-Methyl-4-propylphenol	150	C10H14O	018441-56-0	87





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Sample : H5995-10
Misc :
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Instrument : BNA_G
ClientSampleId : DA875

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Quant Title : SVOA CALIBRATION

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

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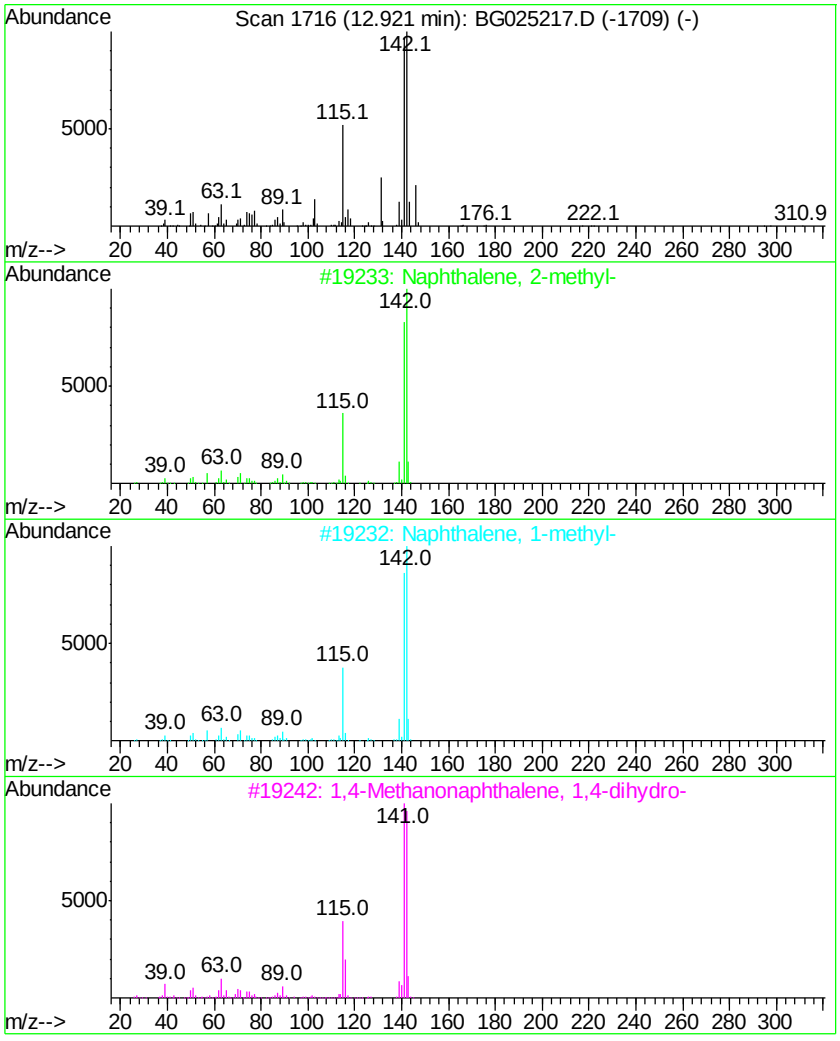
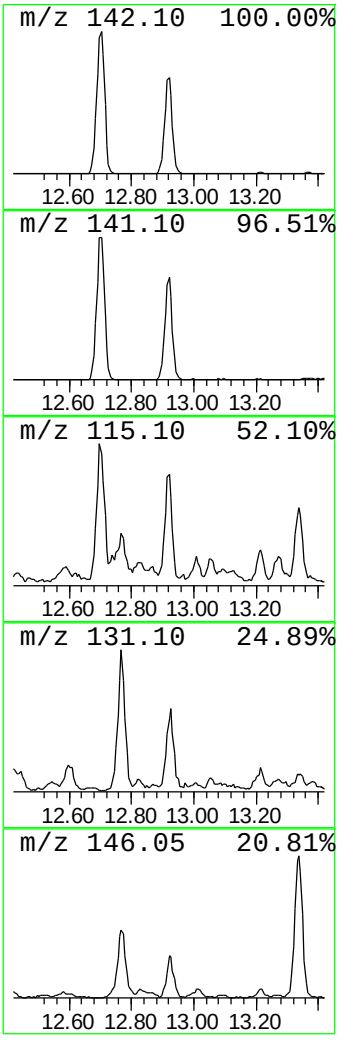
Peak Number 28 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	68.46 ng/ul	1847690	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	89
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	76





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Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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

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

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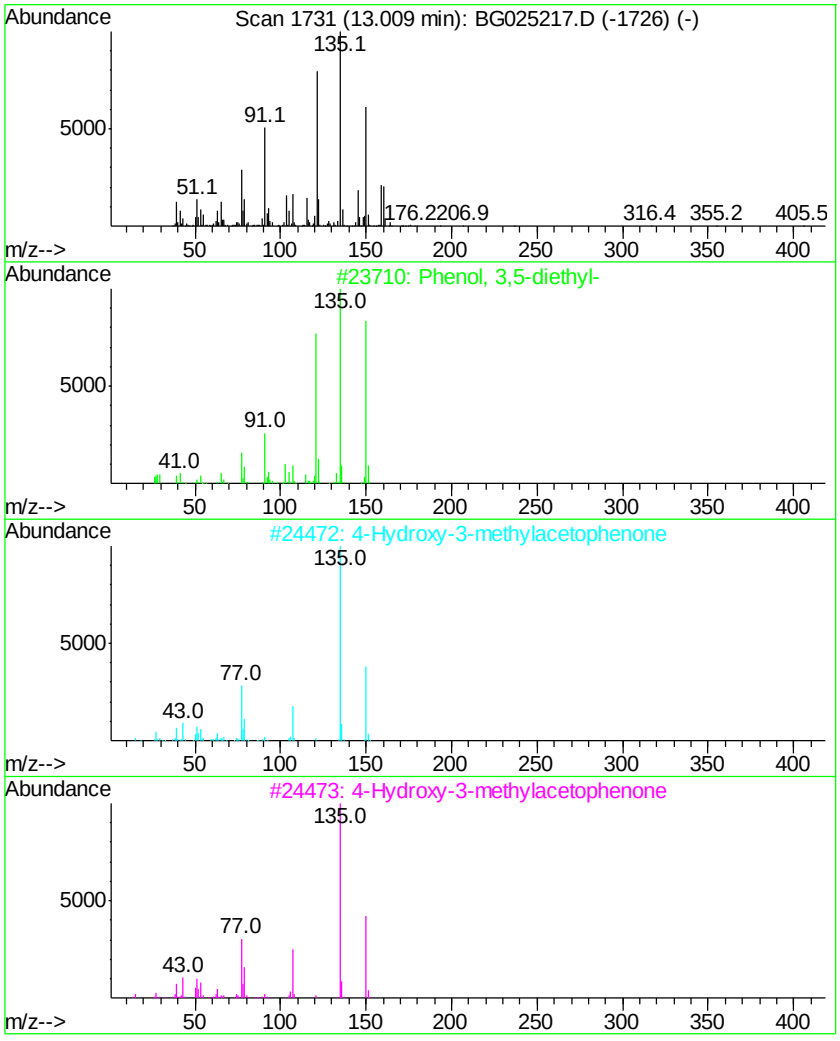
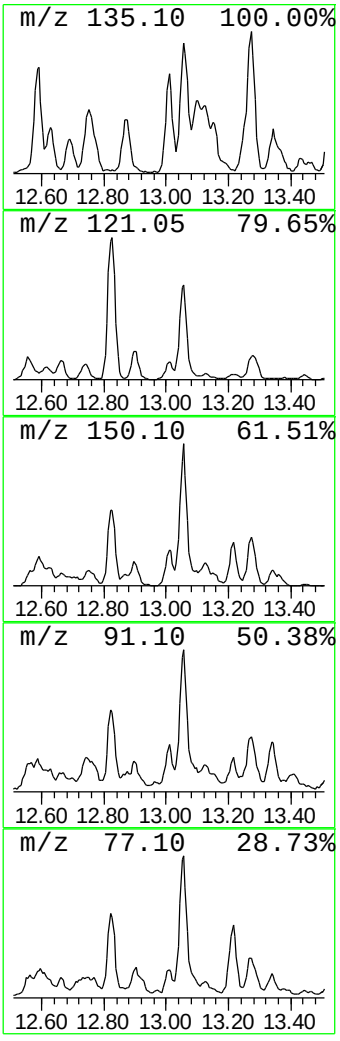
Peak Number 29 Phenol, 3,5-diethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	9.10 ng/ul	1264790	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-diethyl-	150	C10H14O	001197-34-8	81
2	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	50
3	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	50
4	Thymol	150	C10H14O	000089-83-8	50
5	2-Propylphenol, methyl ether	150	C10H14O	1000333-48-4	46





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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Quant Title : SVOA CALIBRATION

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

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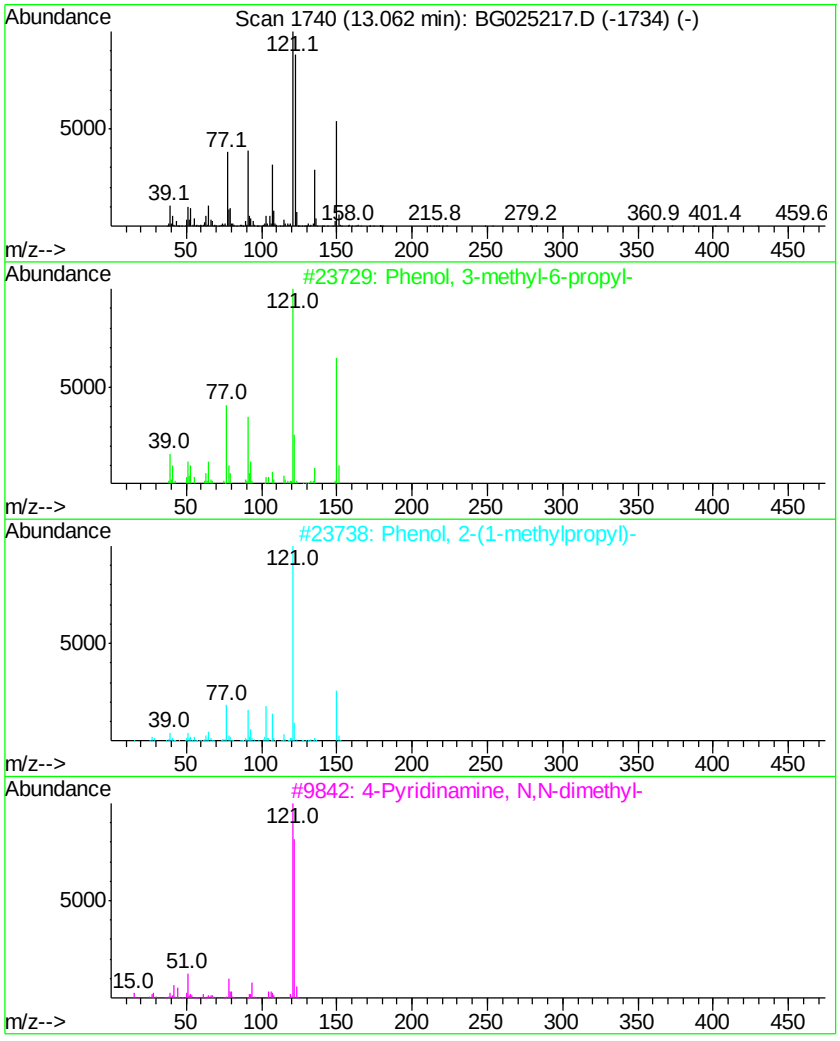
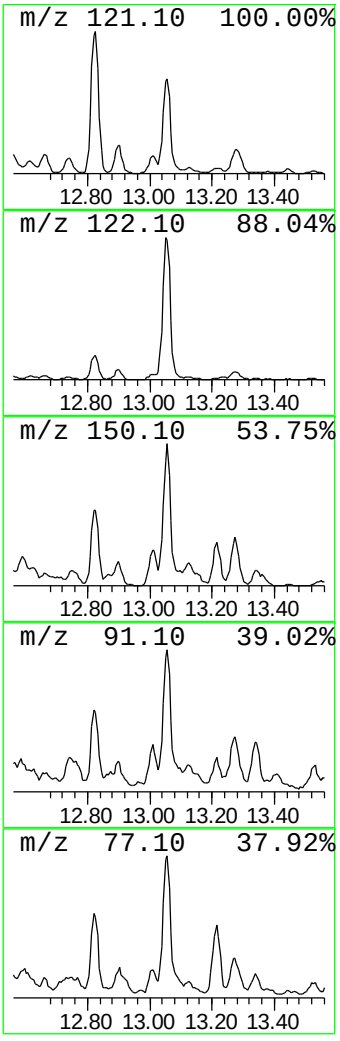
Peak Number 30 Phenol, 3-methyl-6-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	33.53 ng/ul	4662460	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	60
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	47
3	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	46
4	1,3-Benzenediamine, 4-methyl-	122	C7H10N2	000095-80-7	46
5	Hydrazine, 1-methyl-1-phenyl-	122	C7H10N2	000618-40-6	45





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Sample : H5995-10
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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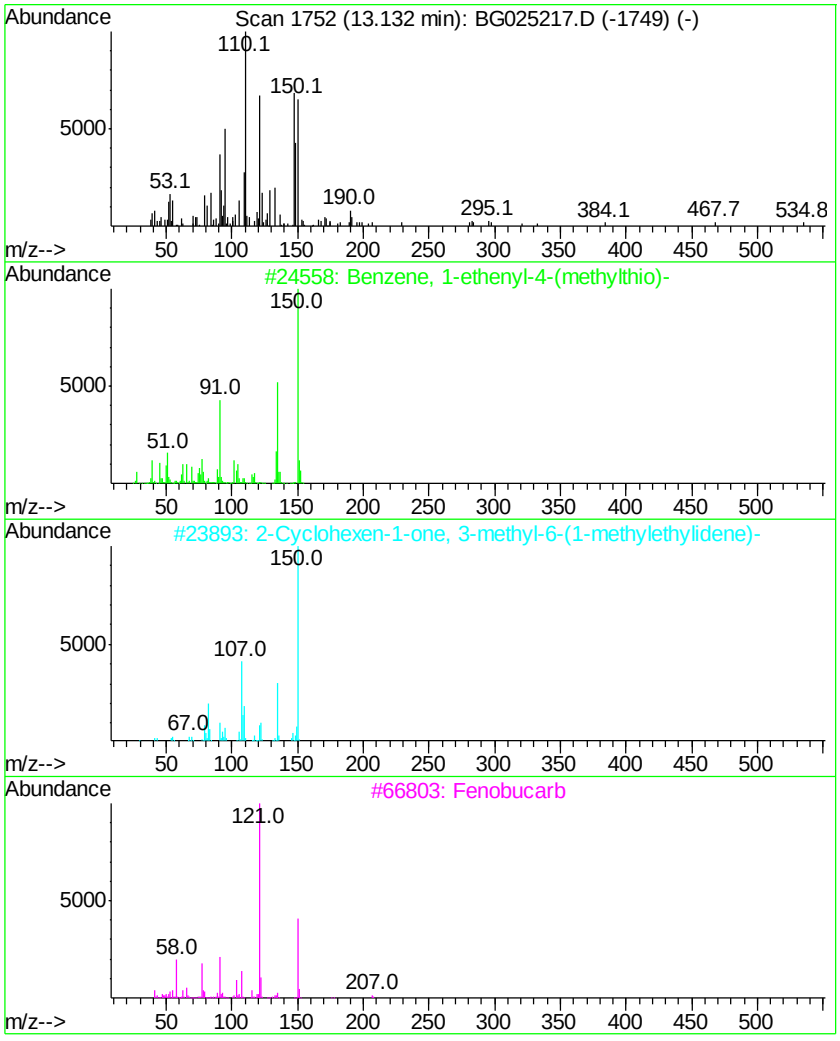
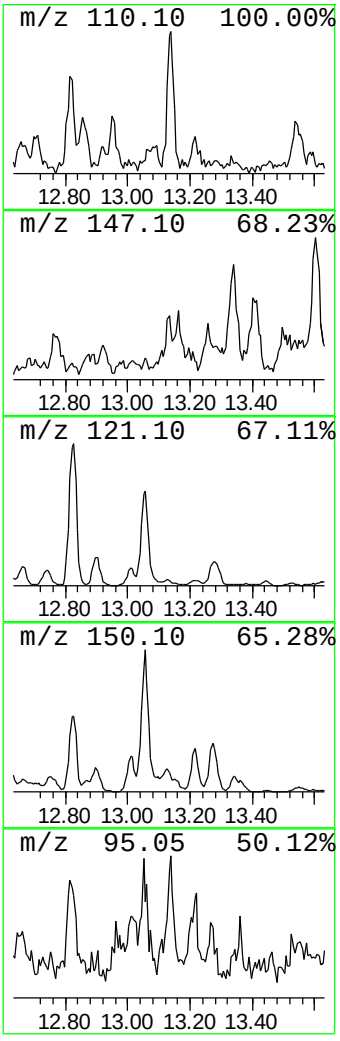
Peak Number 31 unknown-03 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	5.52 ng/ul	767029	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-(methylthio)-	150	C9H10S	018760-11-7	22
2	2-Cyclohexen-1-one, 3-methyl-6-(...	150	C10H14O	000491-09-8	16
3	Fenobucarb	207	C12H17NO2	003766-81-2	14
4	Silane, trimethoxy[3-(oxiranylme...	236	C9H20O5Si	002530-83-8	12
5	2,4,6-Trimethyl-1,3-phenylenedia...	150	C9H14N2	003102-70-3	12





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Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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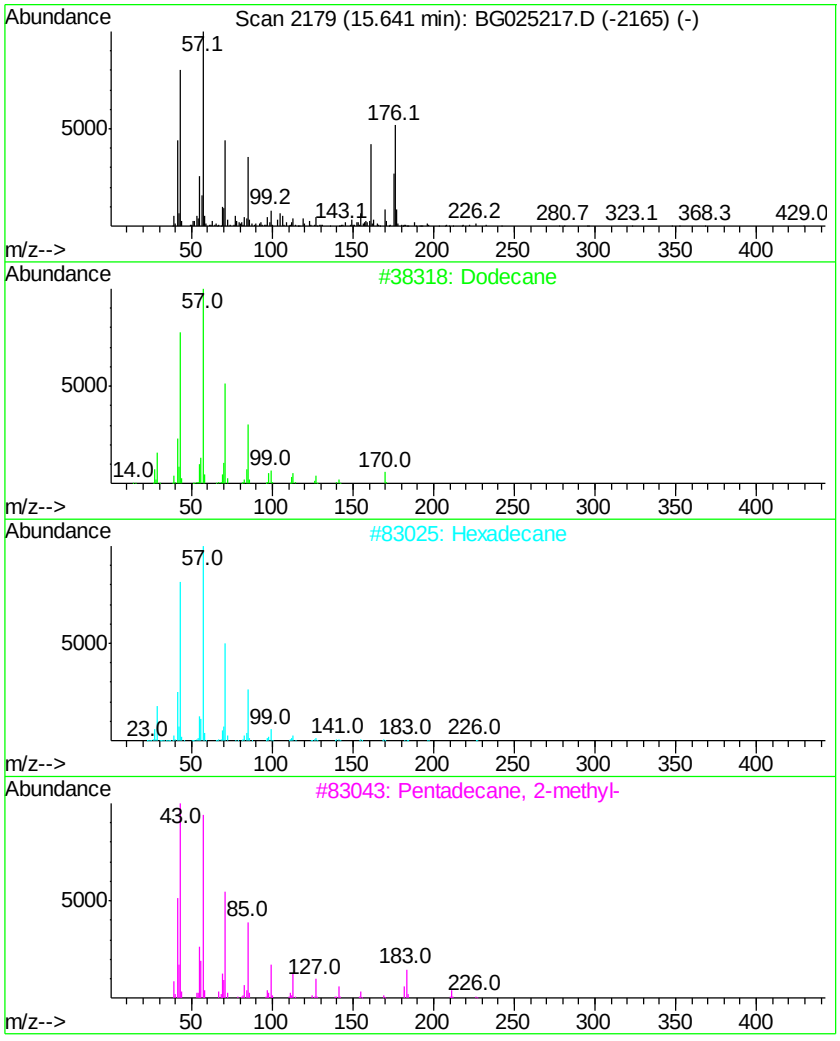
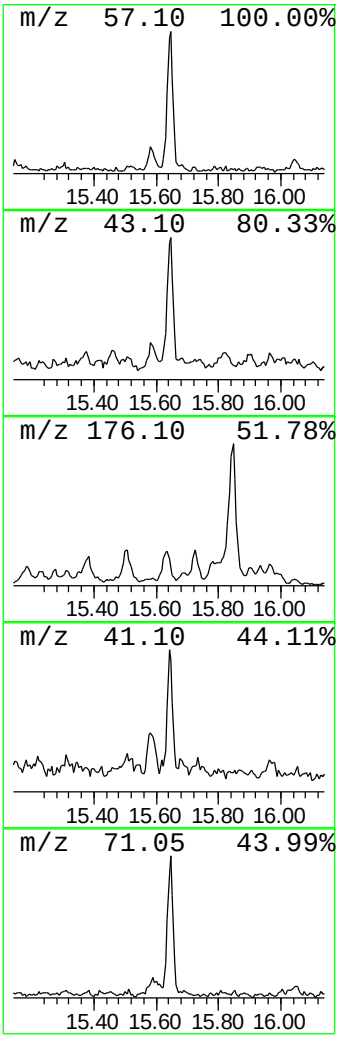
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	10.51 ng/ul	1460980	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	42
2	Hexadecane	226	C16H34	000544-76-3	42
3	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	42
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	30
5	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

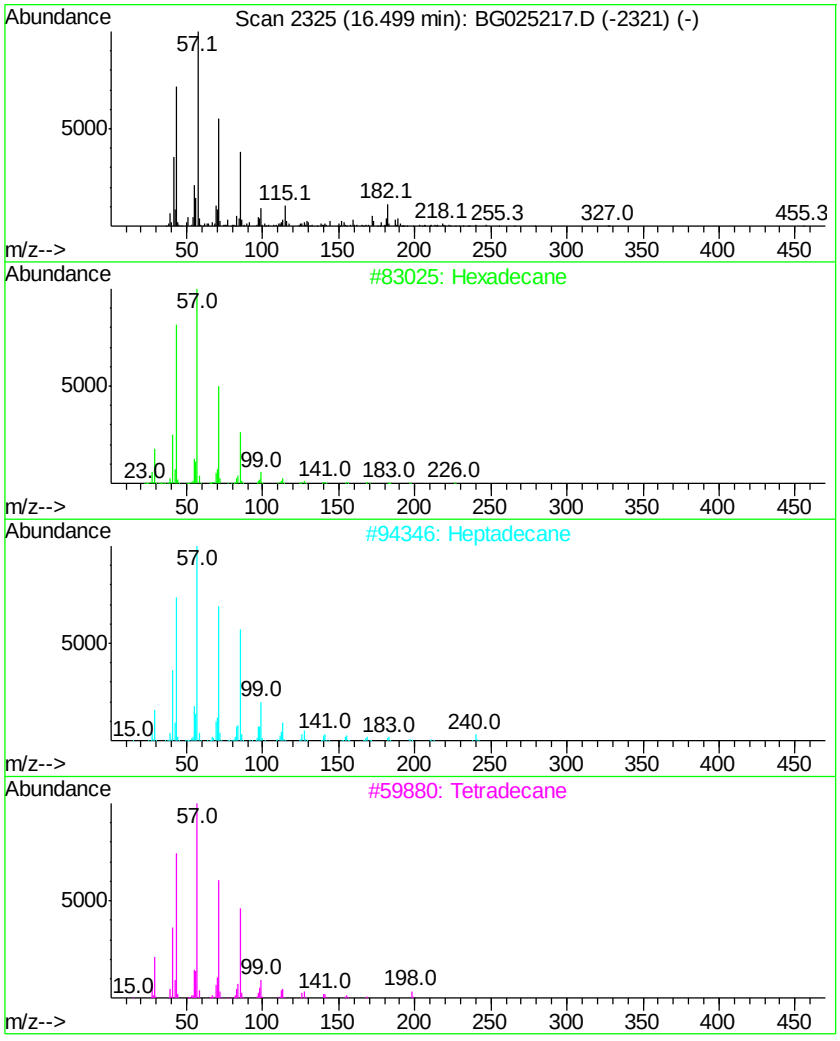
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

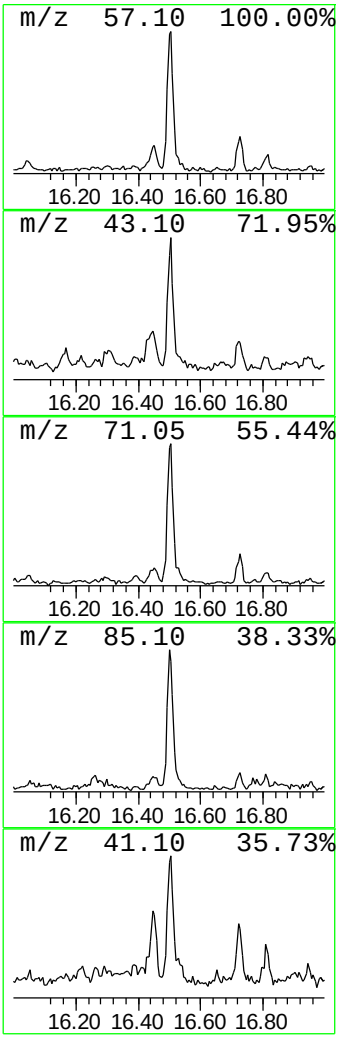
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	10.88 ng/ul	674645	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heptadecane	240	C17H36	000629-78-7	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Hexadecane	226	C16H34	000544-76-3	78
5	Heptadecane	240	C17H36	000629-78-7	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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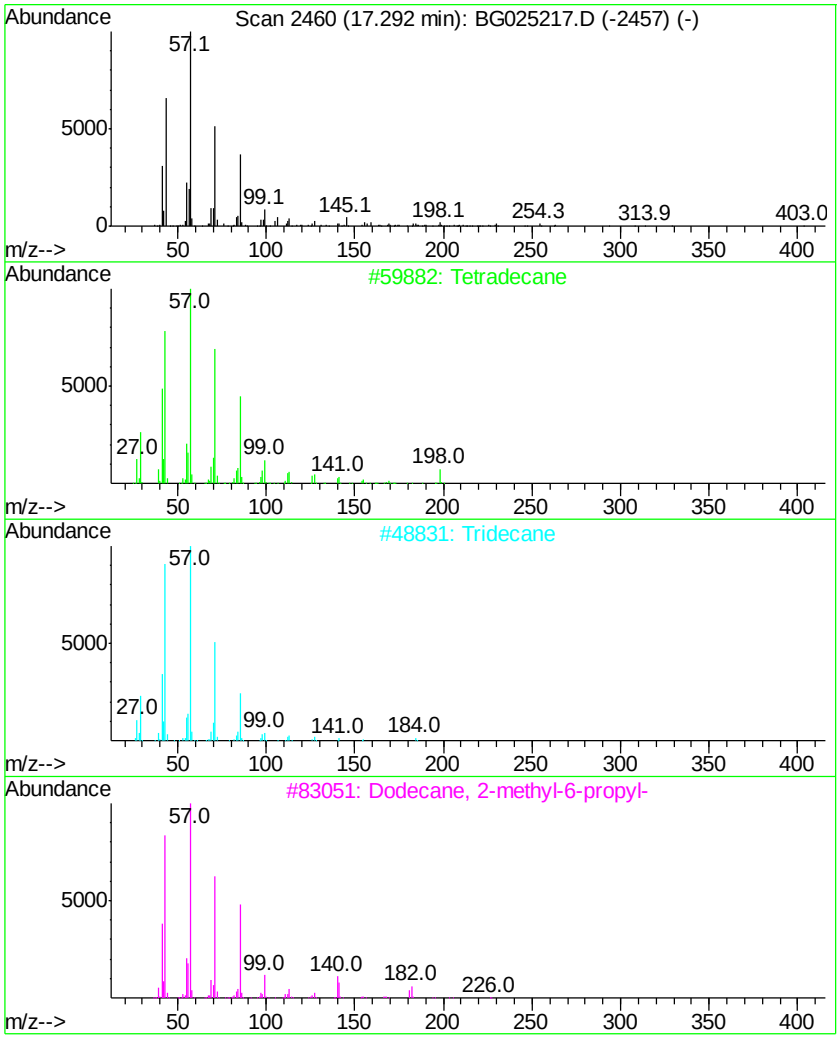
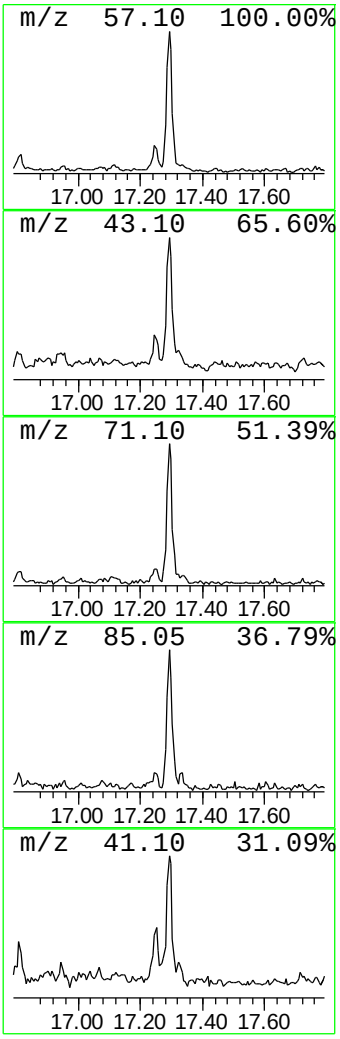
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	9.08 ng/ul	562739	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Tridecane	184	C13H28	000629-50-5	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
4	Octadecane	254	C18H38	000593-45-3	76
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	72





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Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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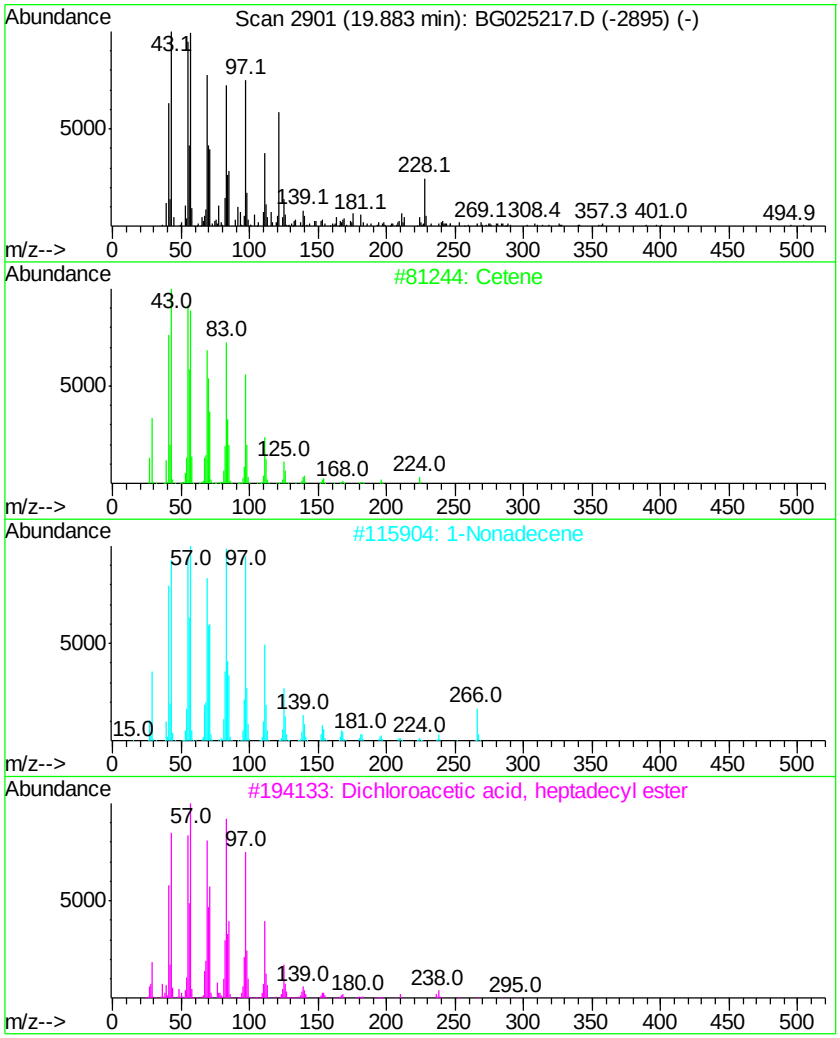
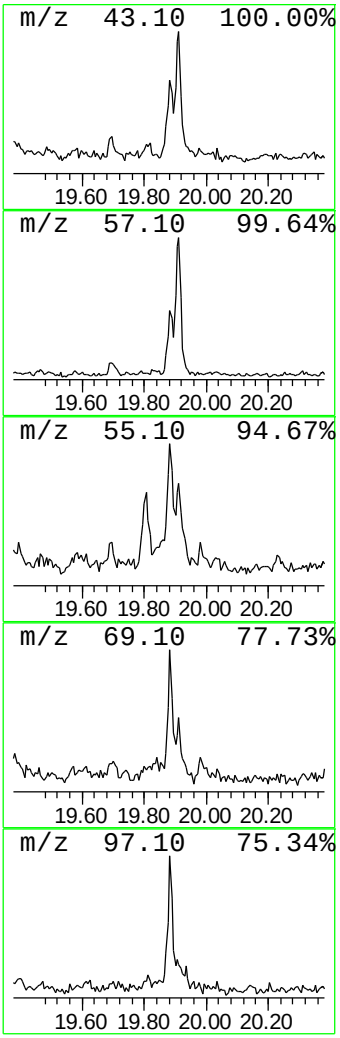
Peak Number 65 (DEL) Alkane: Cyclic19.88 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	7.46 ng/ul	606022	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	95
2	1-Nonadecene	266	C19H38	018435-45-5	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91





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Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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

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

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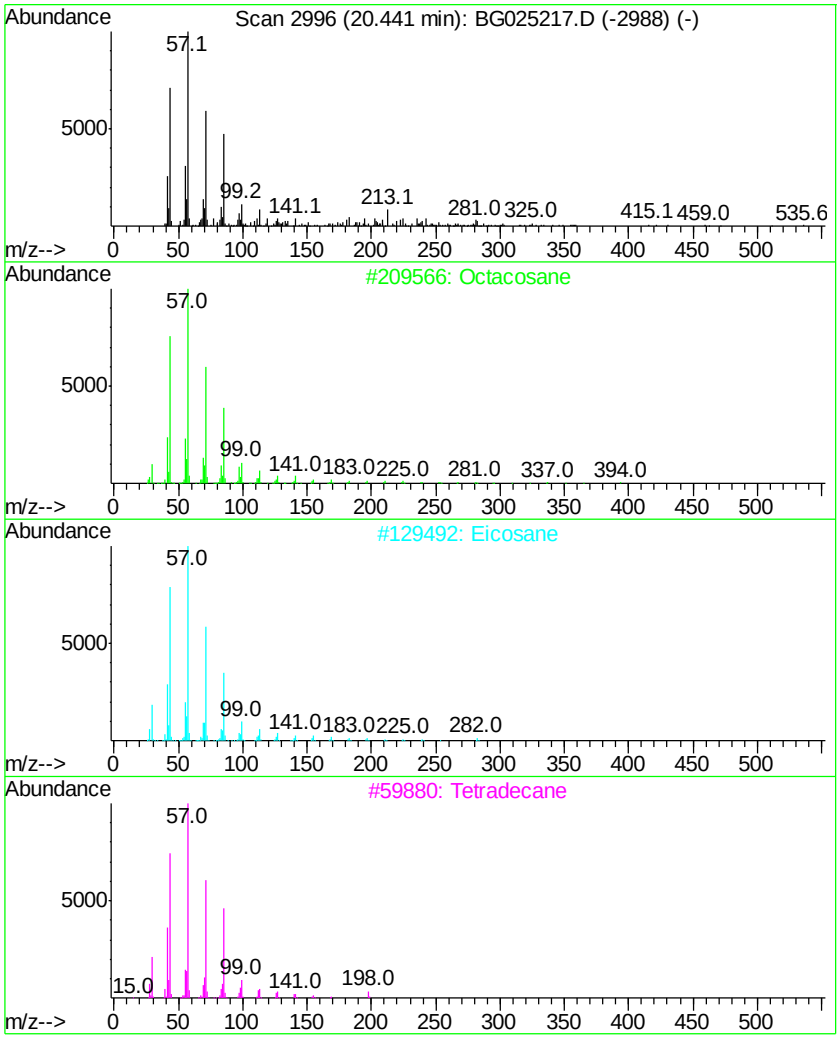
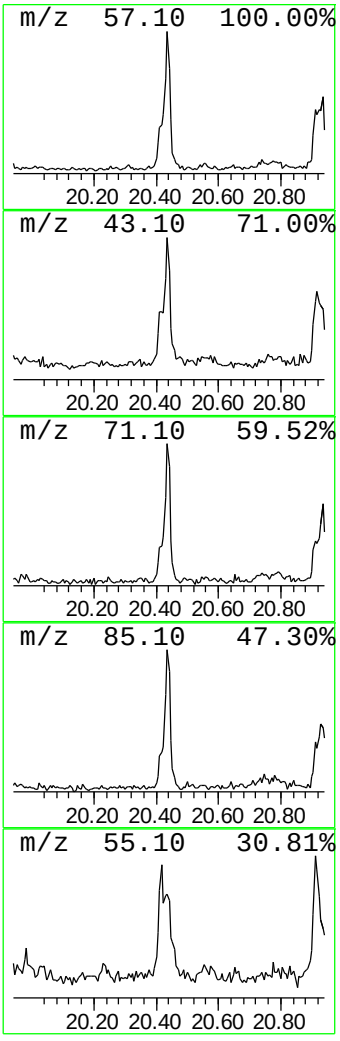
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	8.80 ng/ul	715274	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Eicosane	282	C20H42	000112-95-8	94
3	Tetradecane	198	C14H30	000629-59-4	93
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
5	Octadecane	254	C18H38	000593-45-3	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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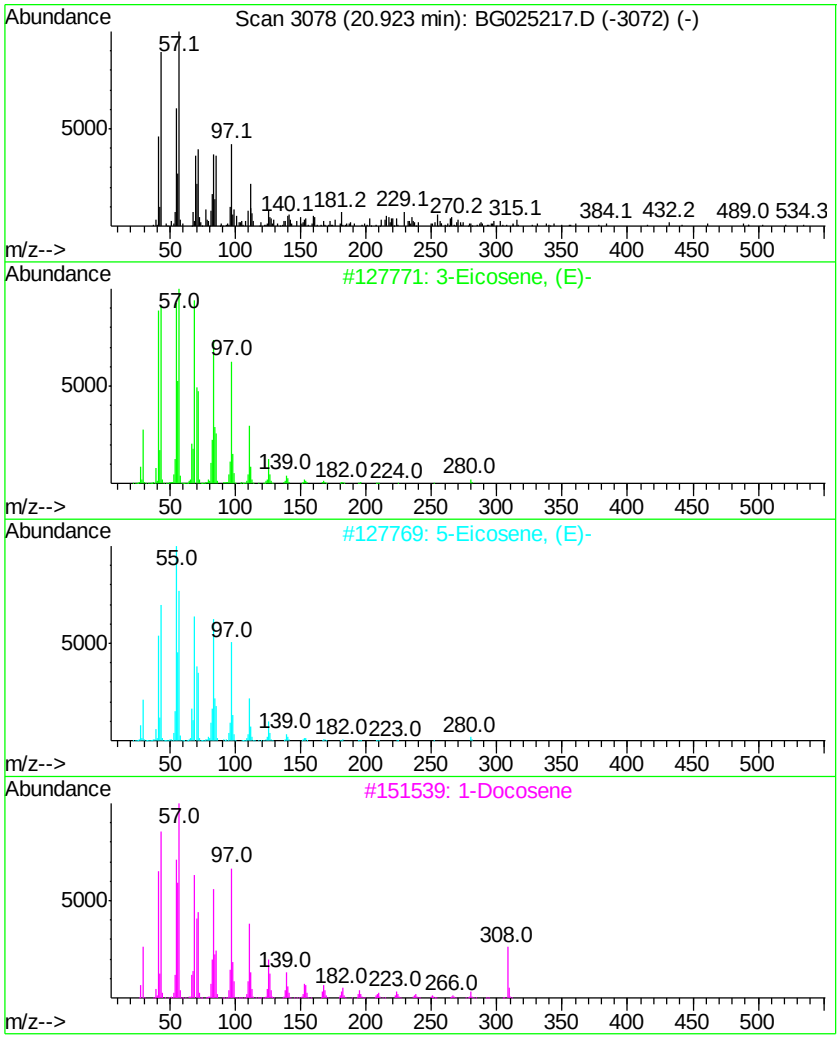
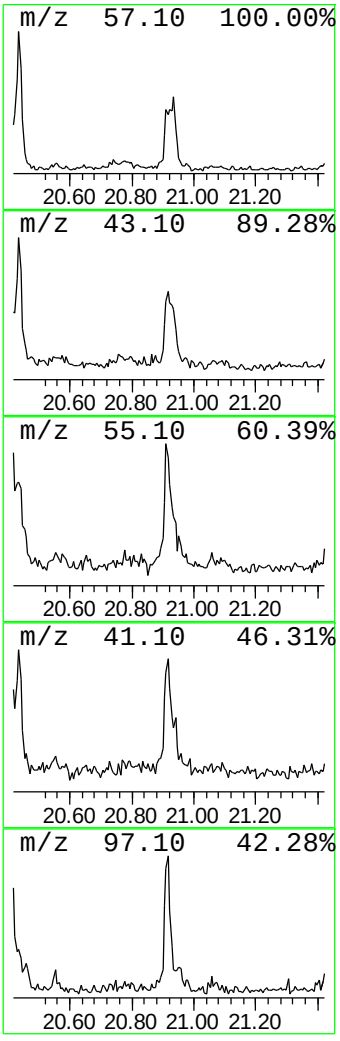
Peak Number 67 (DEL) Alkane: Cyclic20.92 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	7.30 ng/ul	593105	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
3	1-Docosene	308	C22H44	001599-67-3	91
4	1-Docosene	308	C22H44	001599-67-3	90
5	Cyclotetracosane	336	C24H48	000297-03-0	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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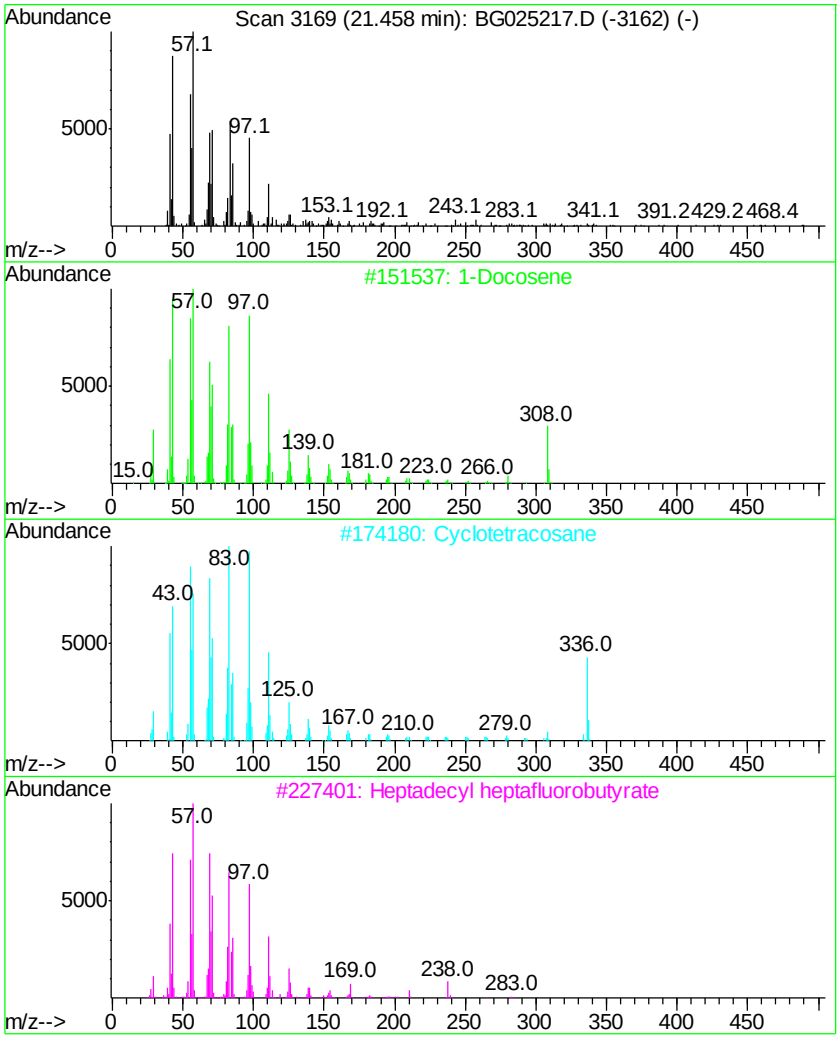
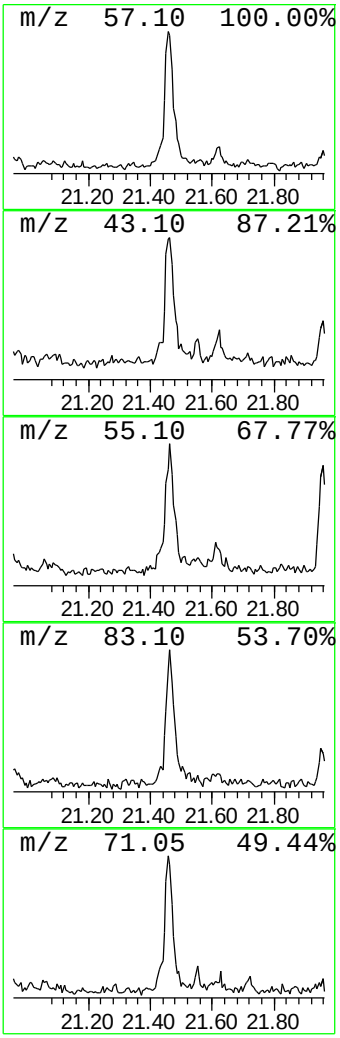
Peak Number 68 (DEL) Alkane: Cyclic21.46 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	7.81 ng/ul	634820	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	Cyclotetracosane	336	C24H48	000297-03-0	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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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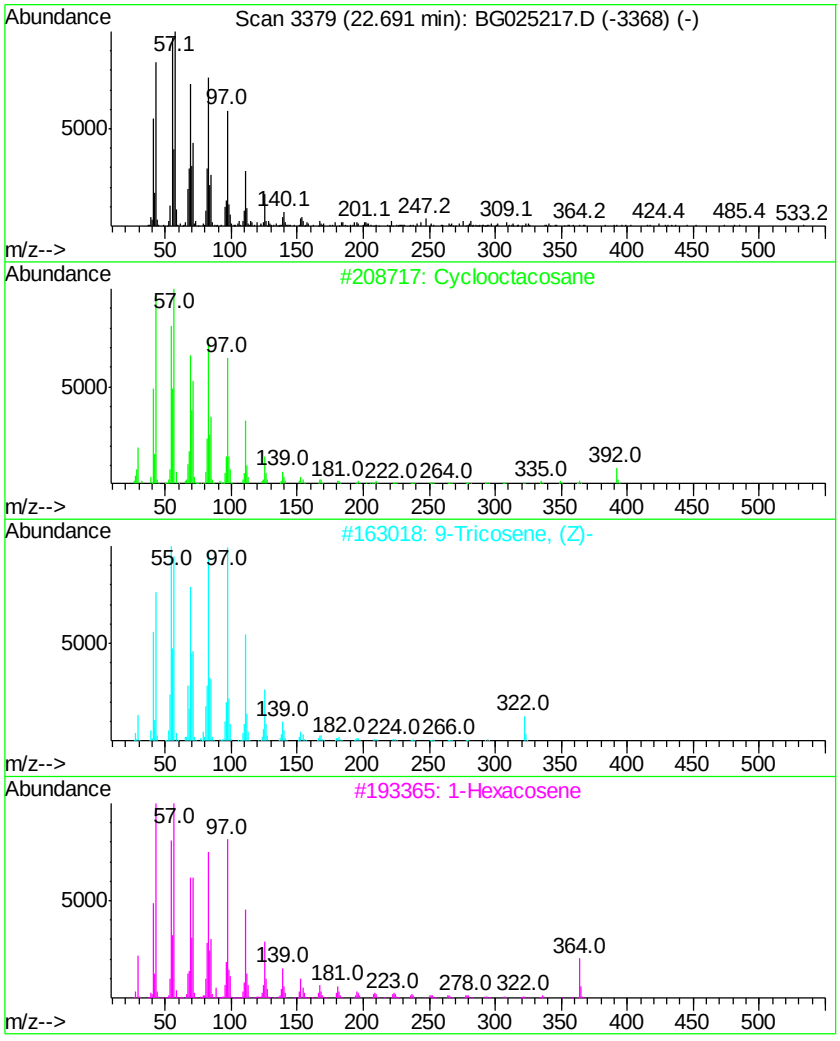
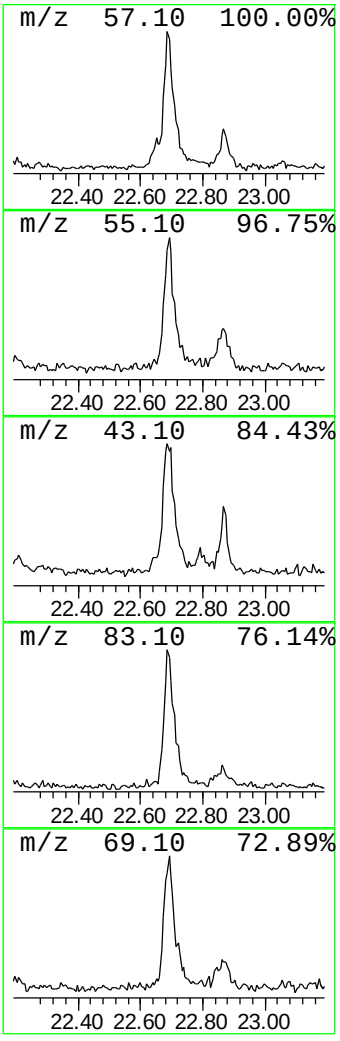
Peak Number 70 (DEL) Alkane: Cyclic22.69 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	11.70 ng/ul	950589	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	98
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
3	1-Hexacosene	364	C26H52	018835-33-1	93
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121516\
Data File : BG025217.D
Acq On : 15 Dec 2016 18:38
Operator : UM/SJ
Sample : H5995-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA875

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	62.5	ng/ul	1530540	1	8.23	489956	20.0
Benzene, 1,2,4-tr...	7.86	29.6	ng/ul	724453	1	8.23	489956	20.0
Benzofuran	7.95	38.3	ng/ul	938619	1	8.23	489956	20.0
Tetracyclo[3.3.1....	8.60	18.3	ng/ul	447566	1	8.23	489956	20.0
Benzofuran, 7-met...	9.59	27.8	ng/ul	681357	1	8.23	489956	20.0
Benzofuran, 2-met...	9.71	64.2	ng/ul	1732090	2	11.06	539819	20.0
(E)-1-Phenyl-1-bu...	10.44	17.8	ng/ul	479040	2	11.06	539819	20.0
Phenol, 2,4,5-tri...	10.87	17.1	ng/ul	460930	2	11.06	539819	20.0
unknown-01	11.31	64.7	ng/ul	1744940	2	11.06	539819	20.0
unknown-02	11.42	67.8	ng/ul	1828560	2	11.06	539819	20.0
1H-Benzimidazole,...	11.46	59.3	ng/ul	1599300	2	11.06	539819	20.0
Phenol, 4-ethyl-3...	11.59	76.3	ng/ul	2060130	2	11.06	539819	20.0
Phenol, 2-ethyl-4...	11.66	45.5	ng/ul	1229460	2	11.06	539819	20.0
Phenol, 3-propyl-	11.88	364.2	ng/ul	9830430	2	11.06	539819	20.0
Phenol, 3,4,5-tri...	12.07	36.3	ng/ul	979068	2	11.06	539819	20.0
Phenol, 2,3,5-tri...	12.12	51.0	ng/ul	1375810	2	11.06	539819	20.0
Phenol, 3-(1-meth...	12.16	24.7	ng/ul	666356	2	11.06	539819	20.0
Phenol, 2-ethyl-4...	12.23	25.0	ng/ul	675309	2	11.06	539819	20.0
Phenol, 2-methyl-...	12.37	20.9	ng/ul	564948	2	11.06	539819	20.0
o-Isopropylanisole	12.44	60.4	ng/ul	1629440	2	11.06	539819	20.0
p-Cymen-7-ol	12.59	106.8	ng/ul	2882320	2	11.06	539819	20.0
1H-Inden-1-one, 2...	12.77	50.2	ng/ul	1353770	2	11.06	539819	20.0
4-Methyl-2-propyl...	12.82	100.3	ng/ul	2708180	2	11.06	539819	20.0
Naphthalene, 1-me...	12.92	68.5	ng/ul	1847690	2	11.06	539819	20.0
Phenol, 3,5-diethyl-	13.01	9.1	ng/ul	1264790	3	14.86	2780780	20.0
Phenol, 3-methyl-...	13.06	33.5	ng/ul	4662460	3	14.86	2780780	20.0
unknown-03	13.13	5.5	ng/ul	767029	3	14.86	2780780	20.0
(DEL) Alkane: Str...	15.64	10.5	ng/ul	1460980	3	14.86	2780780	20.0
(DEL) Alkane: Str...	16.50	10.9	ng/ul	674645	4	17.60	1240170	20.0
(DEL) Alkane: Str...	17.29	9.1	ng/ul	562739	4	17.60	1240170	20.0
(DEL) Alkane: Cyc...	19.88	7.5	ng/ul	606022	5	21.89	1625600	20.0
(DEL) Alkane: Str...	20.44	8.8	ng/ul	715274	5	21.89	1625600	20.0
(DEL) Alkane: Cyc...	20.92	7.3	ng/ul	593105	5	21.89	1625600	20.0
(DEL) Alkane: Cyc...	21.46	7.8	ng/ul	634820	5	21.89	1625600	20.0
(DEL) Alkane: Cyc...	22.69	11.7	ng/ul	950589	5	21.89	1625600	20.0