LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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	5.337	418	425	438	rBV2	199150	329504	4.06%	0.406%
2	5.455	438	445	455	rBV	105953	169894	2.09%	0.209%
3	6.142	556	562	566	rVV	133095	230667	2.84%	0.284%
4	6.912	684	693	708	rVB2	261977	557916	6.87%	0.688%
5	7.241	745	749	761	rVB2	123216	238446	2.94%	0.294%
6	7.388	767	774	780	rBV	159446	278907	3.44%	0.344%
7	7.593	801	809	815	rBV2	119681	228775	2.82%	0.282%
8	7.699	819	827	832	rBV5	108730	259214	3.19%	0.320%
9	7.928	859	866	872	rBV2	292135	497911	6.13%	0.614%
10	8.022	872	882	889	rVB7	59908	183190	2.26%	0.226%
11	8.204	904	913	920	rBV	173069	346861	4.27%	0.428%
12	8.410	938	948	954	rBV2	49046	153017	1.89%	0.189%
13	8.510	955	965	972	rVB2	616468	1250772	15.41%	1.542%
14	8.610	972	982	984	rBV3	66233	177653	2.19%	0.219%
15	8.657	984	990	999	rVV	976263	1734109	21.36%	2.138%
16	8.886	1019	1029	1039	rBV3	376830	957897	11.80%	1.181%
17	9.009	1039	1050	1063	rVB	2950543	6199729	76.38%	7.645%
18	9.191	1071	1081	1085	rBV6	116332	259071	3.19%	0.319%
19	9.297	1094	1099	1102	rVV2	147714	310369	3.82%	0.383%
20	9.344	1102	1107	1119	rVB5	290202	751866	9.26%	0.927%
21	9.520	1128	1137	1144	rBV4	255774	701526	8.64%	0.865%
22	9.650	1153	1159	1164	rBV	868859	1462877	18.02%	1.804%
23	9.767	1173	1179	1189	rVB2	315360	724014	8.92%	0.893%
24	9.996	1212	1218	1221	rBV	451060	821079	10.12%	1.012%
25	10.149	1231	1244	1247	rBV8	154304	504809	6.22%	0.622%
26	10.208	1247	1254	1257	rVV	1506610	3153221	38.85%	3.888%
27	10.243	1257	1260	1265	rVV	1583262	2466225	30.38%	3.041%
28	10.296	1267	1269	1273	rVV4	217057	347437	4.28%	0.428%
29	10.349	1274	1278	1287	rVV5	137217	382632	4.71%	0.472%
30	10.496	1287	1303	1306	rVV	2972324	7461908	91.93%	9.201%
31	10.531	1306	1309	1319	rVB	2404448	3637846	44.82%	4.486%
32	10.678	1326	1334	1340	rBV	801713	1619752	19.95%	1.997%
33	10.737	1340	1344	1350	rVB4	100629	185371	2.28%	0.229%
34	10.860	1358	1365	1368	rBV2	268969	539643	6.65%	0.665%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Title : SVOA CALIBRATION

35	10.913	1368	1374	1382	rVV	808840	1673166	20.61%	2.063%
36	10.989	1383	1387	1391	rVV5	92771	201936	2.49%	0.249%
37	11.042	1391	1396	1400	rVV	186655	367302	4.52%	0.453%
38	11.095	1400	1405	1414	rVB	325167	636294	7.84%	0.785%
39	11.183	1414	1420	1427	rVB	507448	945658	11.65%	1.166%
40	11.307	1429	1441	1449	rVB5	153725	432293	5.33%	0.533%
41	11.395	1449	1456	1461	rBV2	541058	990142	12.20%	1.221%
42	11.483	1467	1471	1477	rVB	289371	467214	5.76%	0.576%
43	11.577	1478	1487	1491	rVV	693517	1290628	15.90%	1.591%
44	11.630	1491	1496	1505	rVV3	462529	1306662	16.10%	1.611%
45	11.700	1505	1508	1514	rVB6	99310	165931	2.04%	0.205%
46	11.876	1528	1538	1549	rVB2	3882387	8117222	100.00%	10.009%
47	11.994	1554	1558	1563	rVB3	94165	151358	1.86%	0.187%
48	12.053	1563	1568	1572	rBV	546244	942724	11.61%	1.162%
49	12.112	1572	1578	1582	rVV	824154	1455415	17.93%	1.795%
50	12.153	1582	1585	1593	rVV3	226572	494479	6.09%	0.610%
51	12.223	1593	1597	1603	rVB3	152162	244965	3.02%	0.302%
52	12.423	1625	1631	1637	rVB	534468	819882	10.10%	1.011%
53	12.535	1644	1650	1654	rBV	192150	397358	4.90%	0.490%
54	12.582	1654	1658	1661	rVB2	105245	147656	1.82%	0.182%
55	12.717	1676	1681	1684	rBV3	321038	547566	6.75%	0.675%
56	12.899	1707	1712	1715	rBV3	175895	256442	3.16%	0.316%
57	12.946	1716	1720	1724	rVB5	157474	295303	3.64%	0.364%
58	12.999	1724	1729	1732	rBV3	222947	344361	4.24%	0.425%
59	13.040	1732	1736	1745	rBV3	491623	973138	11.99%	1.200%
60	13.198	1758	1763	1767	rBV5	557077	988990	12.18%	1.220%
61	13.257	1768	1773	1778	rVB6	441751	884987	10.90%	1.091%
62	13.310	1778	1782	1790	rBV2	236024	461771	5.69%	0.569%
63	13.433	1799	1803	1811	rVB3	141786	247542	3.05%	0.305%
64	13.586	1826	1829	1835	rVV5	113463	223031	2.75%	0.275%
65	13.716	1845	1851	1855	rBV8	93909	207366	2.55%	0.256%
66	13.810	1863	1867	1875	rVB5	231924	382434	4.71%	0.472%
67	13.974	1889	1895	1899	rVV2	505109	857220	10.56%	1.057%
68	14.015	1899	1902	1909	rVV3	307350	607659	7.49%	0.749%
69	14.074	1909	1912	1914	rVV4	95990	136300	1.68%	0.168%
70	14.103	1914	1917	1922	rVV2	217486	311402	3.84%	0.384%
71	14.174	1924	1929	1931	rVV4	192797	344427	4.24%	0.425%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Title : SVOA CALIBRATION

72	14.209	1932	1935	1946	rVB6	319168	822492	10.13%	1.014%
73	14.332	1950	1956	1965	rBV5	458946	1011455	12.46%	1.247%
74	14.415	1966	1970	1974	rVV3	100488	244956	3.02%	0.302%
75	14.456	1974	1977	1984	rVV5	182350	355167	4.38%	0.438%
76	14.532	1984	1990	2002	rVB4	197244	478813	5.90%	0.590%
77	14.661	2007	2012	2014	rBV5	84210	143089	1.76%	0.176%
78	14.838	2036	2042	2050	rBV3	525569	1196338	14.74%	1.475%
79	14.908	2050	2054	2057	rVV	209580	315160	3.88%	0.389%
80	14.943	2057	2060	2064	rVV4	128262	188475	2.32%	0.232%
81	14.996	2064	2069	2079	rVB3	286244	670927	8.27%	0.827%
82	15.126	2087	2091	2096	rBV3	145345	244585	3.01%	0.302%
83	15.261	2110	2114	2118	rVV	203631	295640	3.64%	0.365%
84	15.302	2118	2121	2128	rVB5	84962	177258	2.18%	0.219%
85	15.613	2169	2174	2178	rBV4	108831	180221	2.22%	0.222%
86	15.825	2205	2210	2218	rVB2	147382	259628	3.20%	0.320%
87	15.931	2225	2228	2233	rVB4	109067	155058	1.91%	0.191%
88	16.077	2249	2253	2257	rBV2	101064	163733	2.02%	0.202%
89	16.189	2269	2272	2277	rVB2	185429	255295	3.15%	0.315%
90	16.254	2279	2283	2287	rBV	115521	169746	2.09%	0.209%
91	16.647	2346	2350	2363	rVB5	187922	461404	5.68%	0.569%
92	17.576	2503	2508	2513	rBV	487981	742625	9.15%	0.916%
93	17.676	2521	2525	2530	rBV	149604	204246	2.52%	0.252%
94	17.758	2534	2539	2546	rVV	561479	1059752	13.06%	1.307%
95	17.811	2546	2548	2557	rVB3	110078	183440	2.26%	0.226%
96	19.785	2880	2884	2889	rBV	207183	282542	3.48%	0.348%
97	19.949	2908	2912	2919	rVB	232144	331146	4.08%	0.408%
98	21.865	3232	3238	3247	rVB	544611	931748	11.48%	1.149%
99	25.008	3767	3773	3781	rVB	108905	286324	3.53%	0.353%
100	25.243	3806	3813	3825	rVB2	291224	844057	10.40%	1.041%

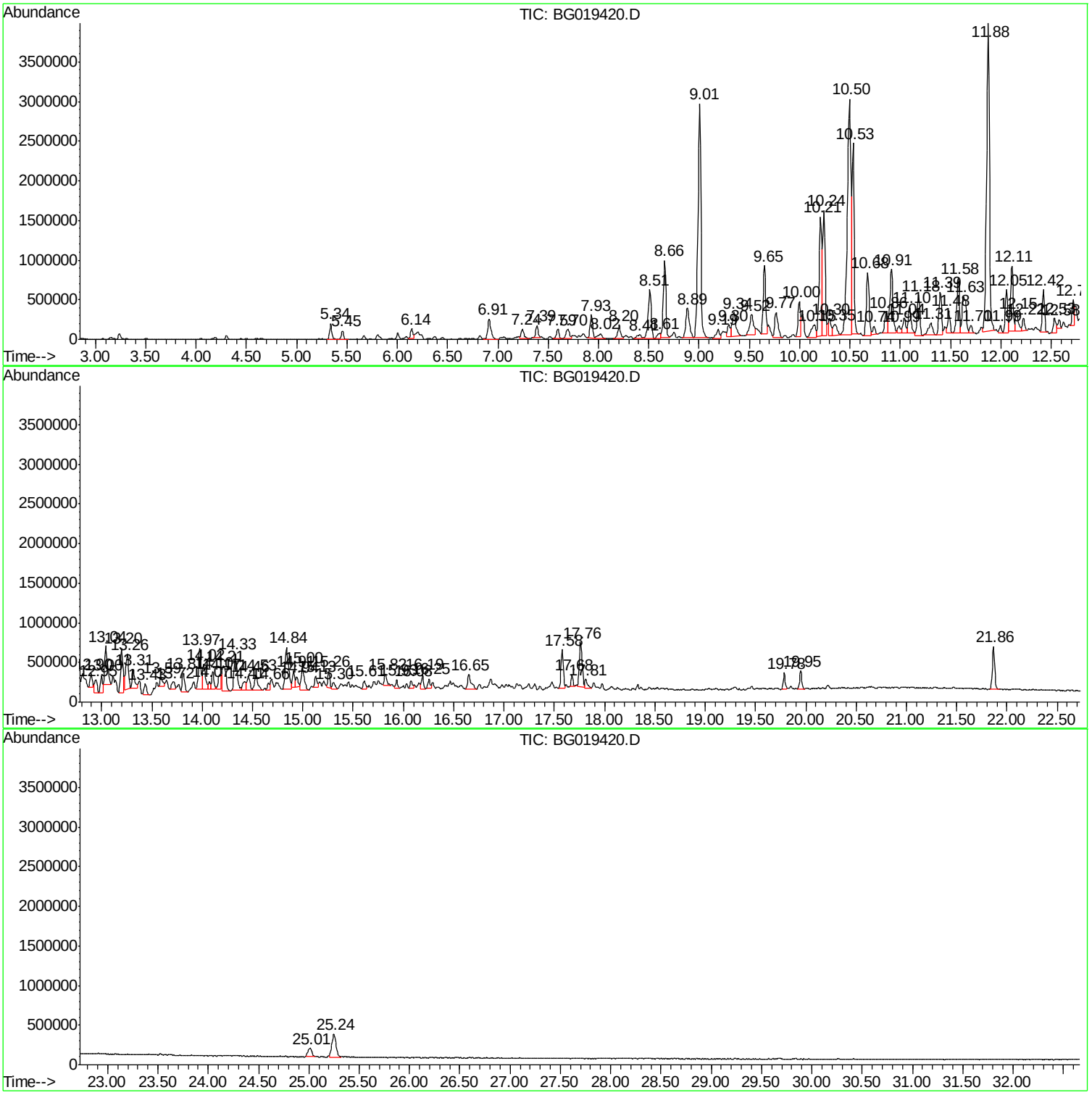
Sum of corrected areas: 81097652

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

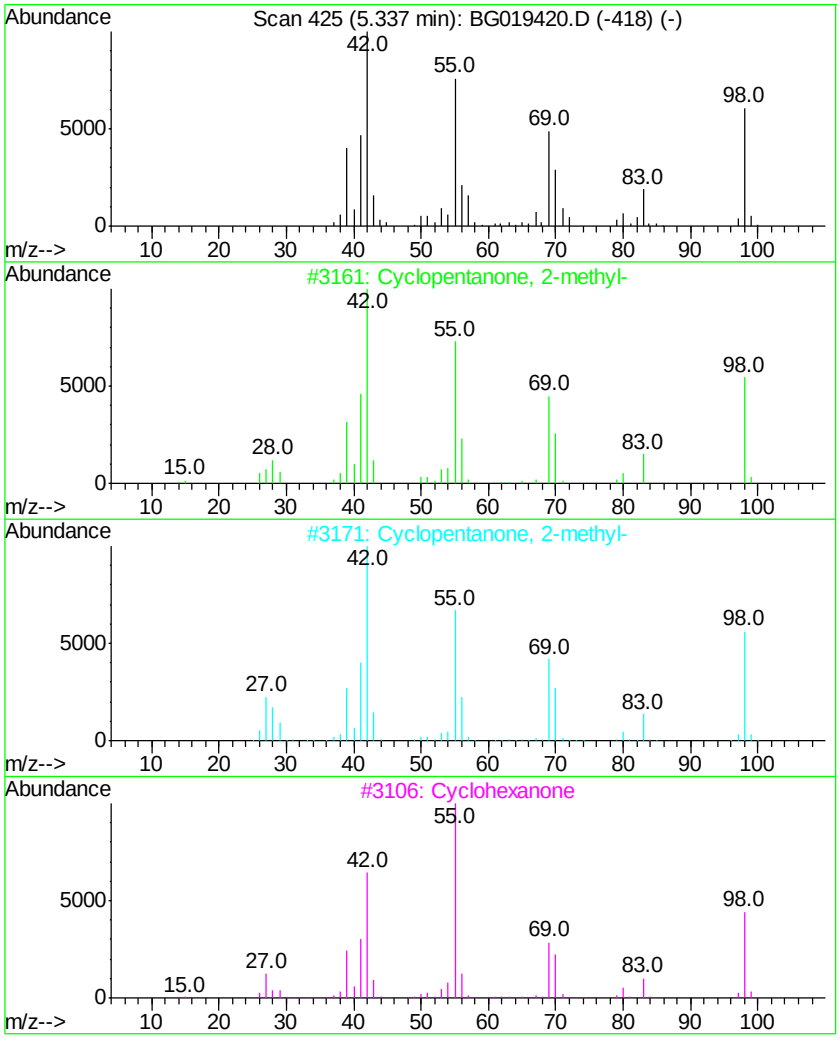
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

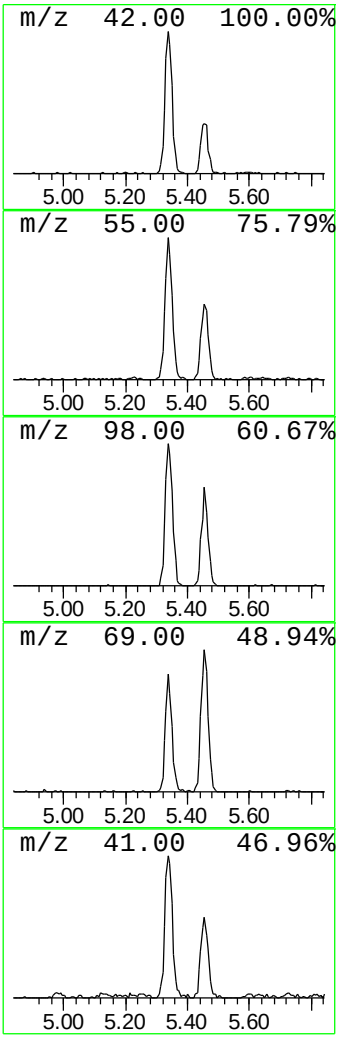
****

Peak Number 1 Cyclopentanone, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.34	19.00 ng/ul	329504	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	95
2	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	93
3	Cyclohexanone	98	C6H10O	000108-94-1	76
4	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	68
5	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

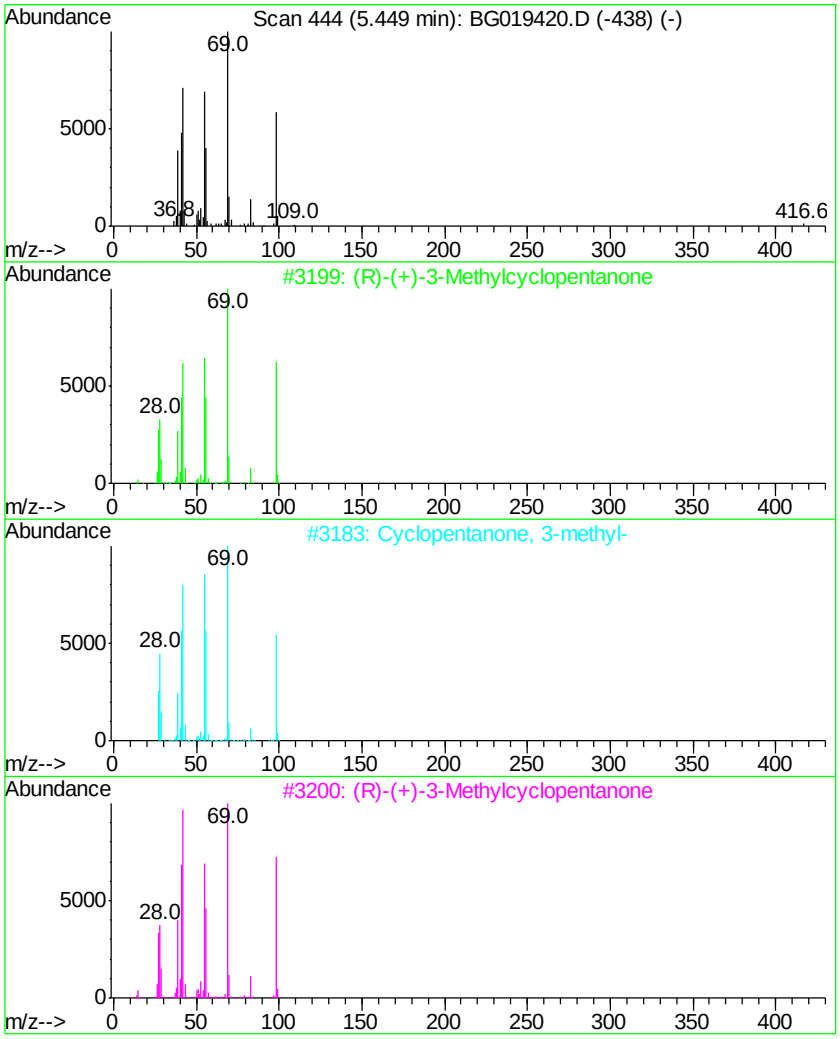
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

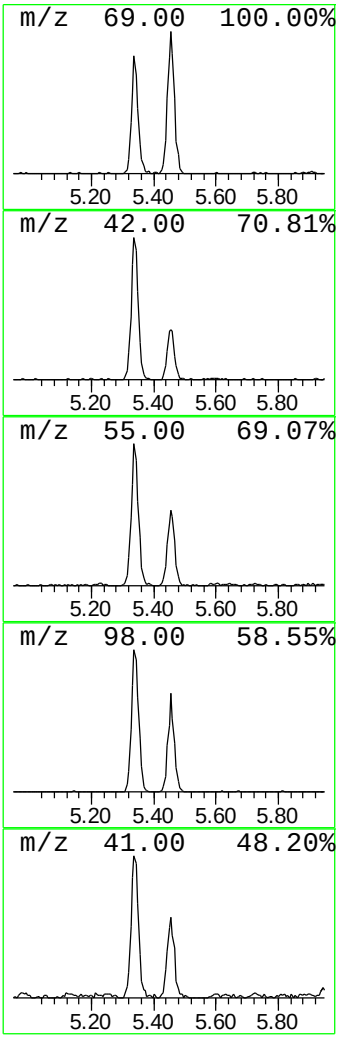
****

Peak Number 2 (R)-(+)-3-Methylcyclopentanone Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	9.80 ng/ul	169894	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	95
2	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	91
3	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	91
4	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	91
5	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

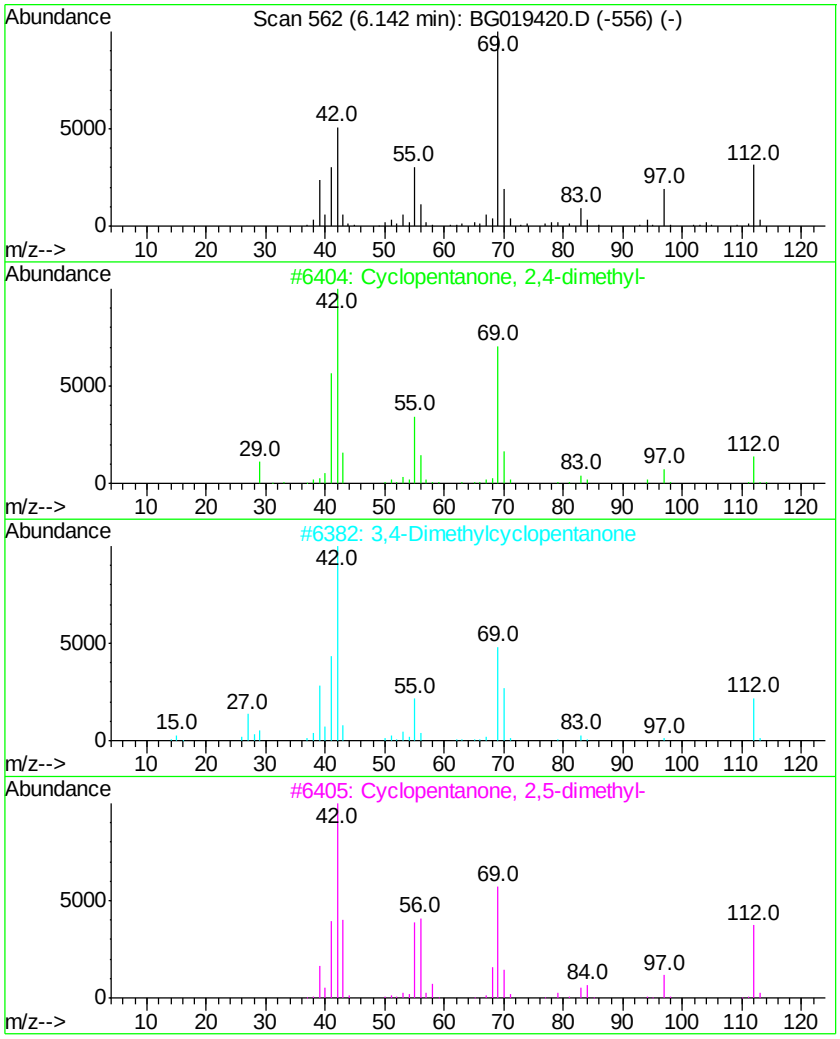
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

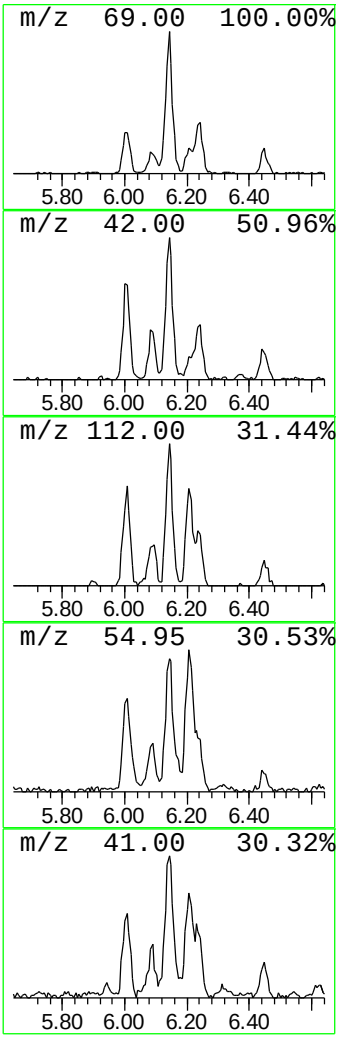
****

Peak Number 3 Cyclopentanone, 2,4-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	13.30 ng/ul	230667	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2,4-dimethyl-	112	C7H12O	001121-33-1	90
2	3,4-Dimethylcyclopentanone	112	C7H12O	058372-16-0	64
3	Cyclopentanone, 2,5-dimethyl-	112	C7H12O	004041-09-2	64
4	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	53
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

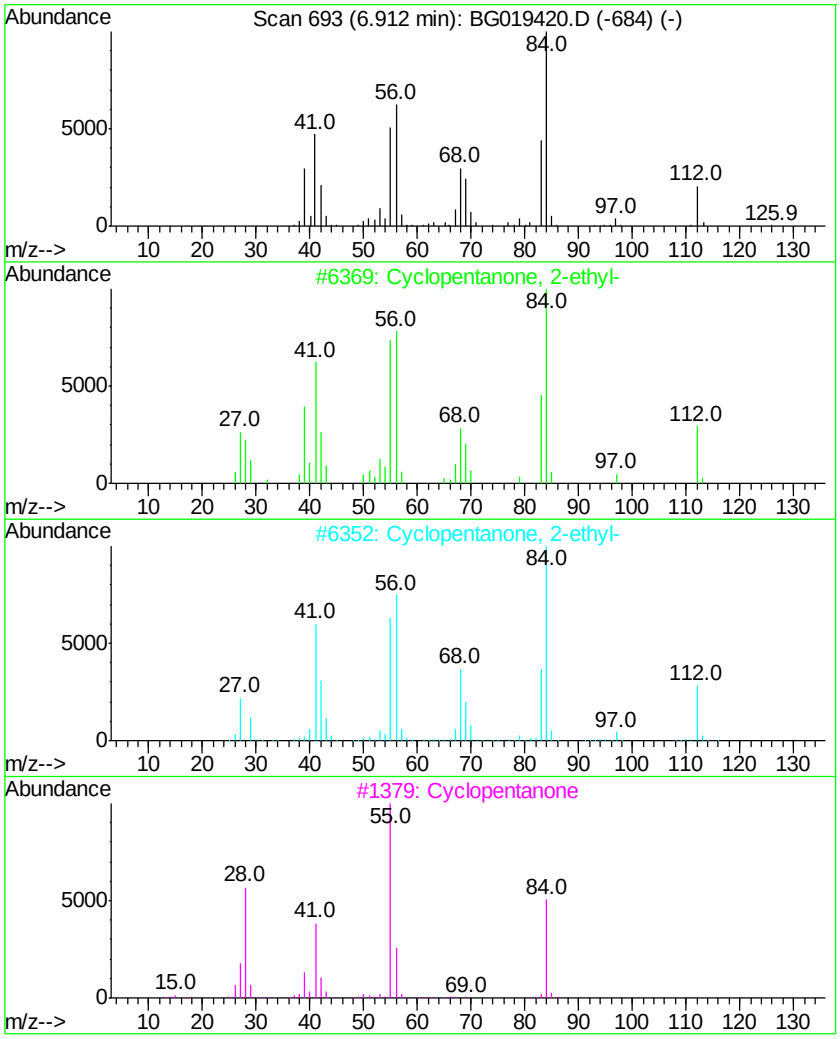
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

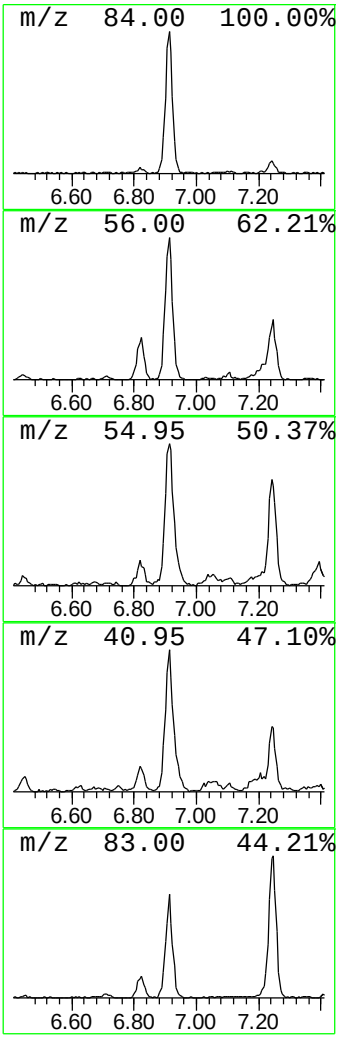
****

Peak Number 4 Cyclopentanone, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	32.17 ng/ul	557916	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	96
2	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	93
3	Cyclopentanone	84	C5H8O	000120-92-3	47
4	Cycloheptanone	112	C7H12O	000502-42-1	46
5	Dicyandiamide	84	C2H4N4	000461-58-5	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

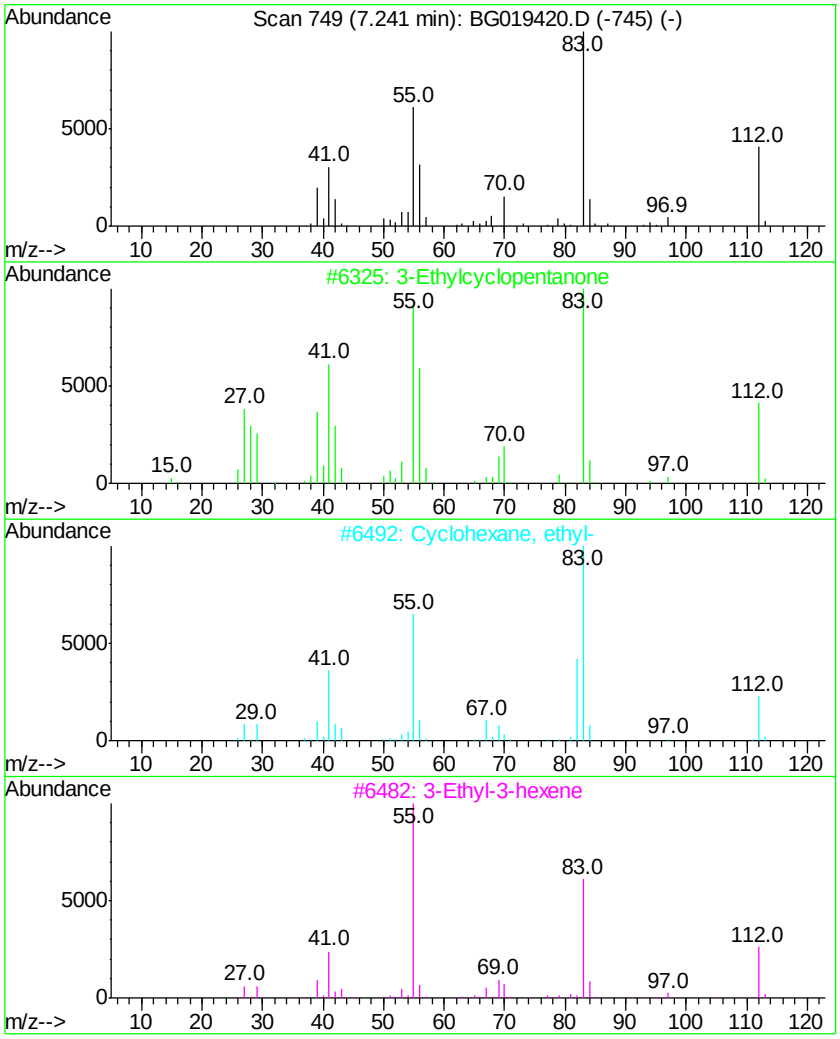
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

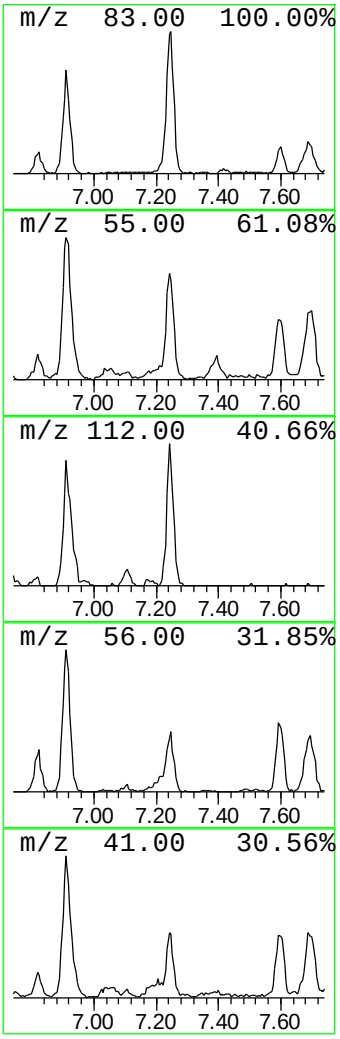
****

Peak Number 5 3-Ethylcyclopentanone Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	13.75 ng/ul	238446	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
3	3-Ethyl-3-hexene	112	C8H16	016789-51-8	72
4	3-Ethyl-3-hexene	112	C8H16	016789-51-8	72
5	3-Ethyl-3-hexene	112	C8H16	016789-51-8	72





Library Search Compound Report

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Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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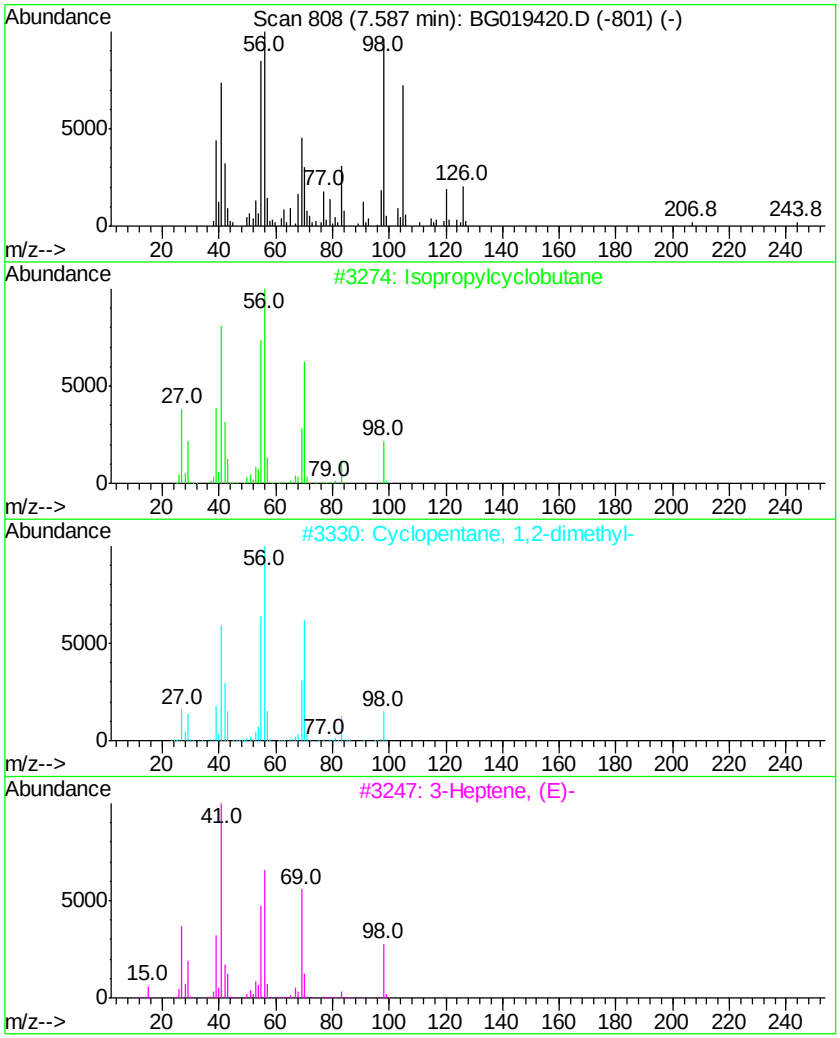
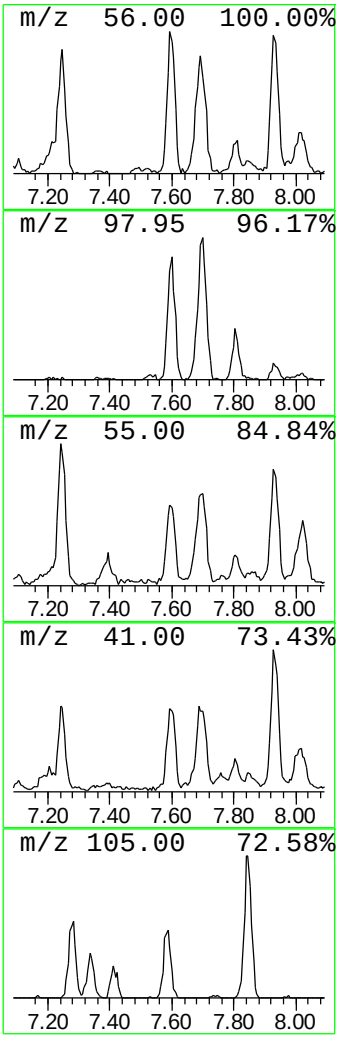
Peak Number 6 (DEL) Alkane: Cyclic7.59 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	13.19 ng/ul	228775	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	76
2	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	55
3	3-Heptene, (E)-	98	C7H14	014686-14-7	53
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	53
5	Cycloheptane	98	C7H14	000291-64-5	49





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Acq On : 29 Oct 2015 16:49
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Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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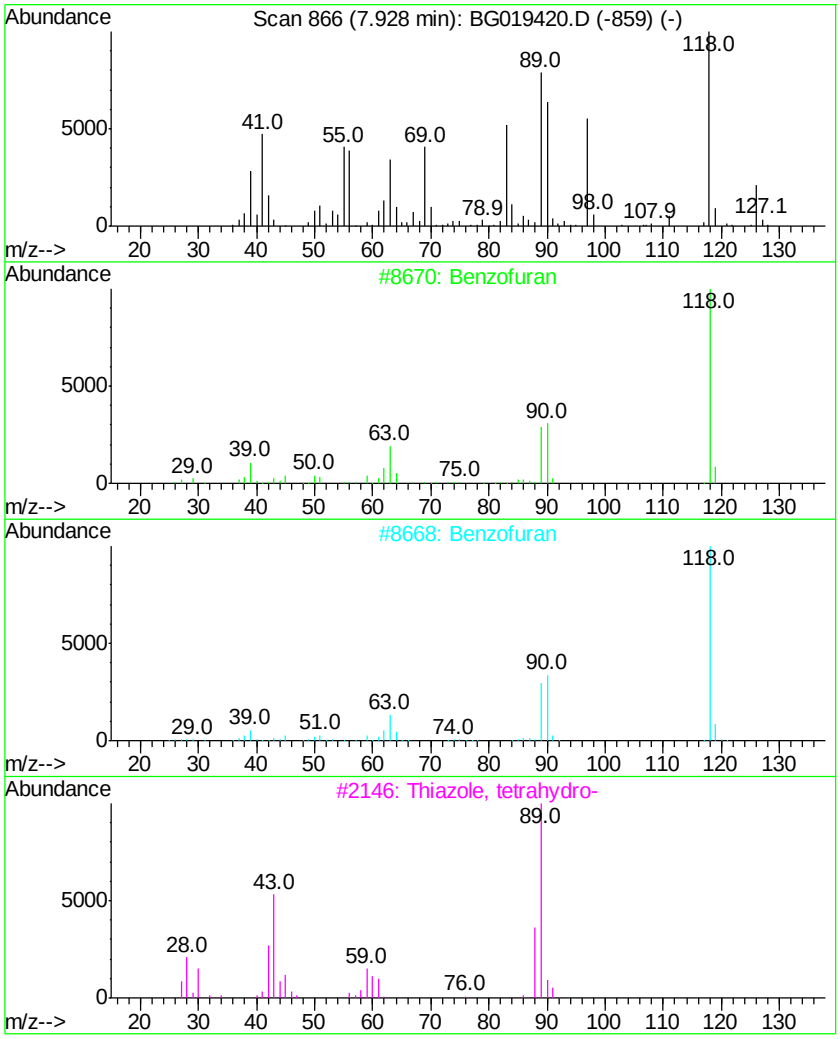
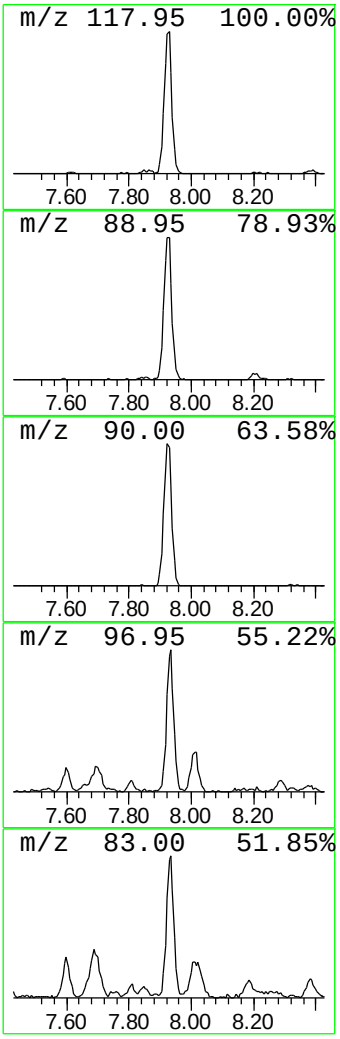
Peak Number 7 Benzofuran Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	28.71 ng/ul	497911	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	76
2	Benzofuran	118	C8H6O	000271-89-6	35
3	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	23
4	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	20
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	11





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Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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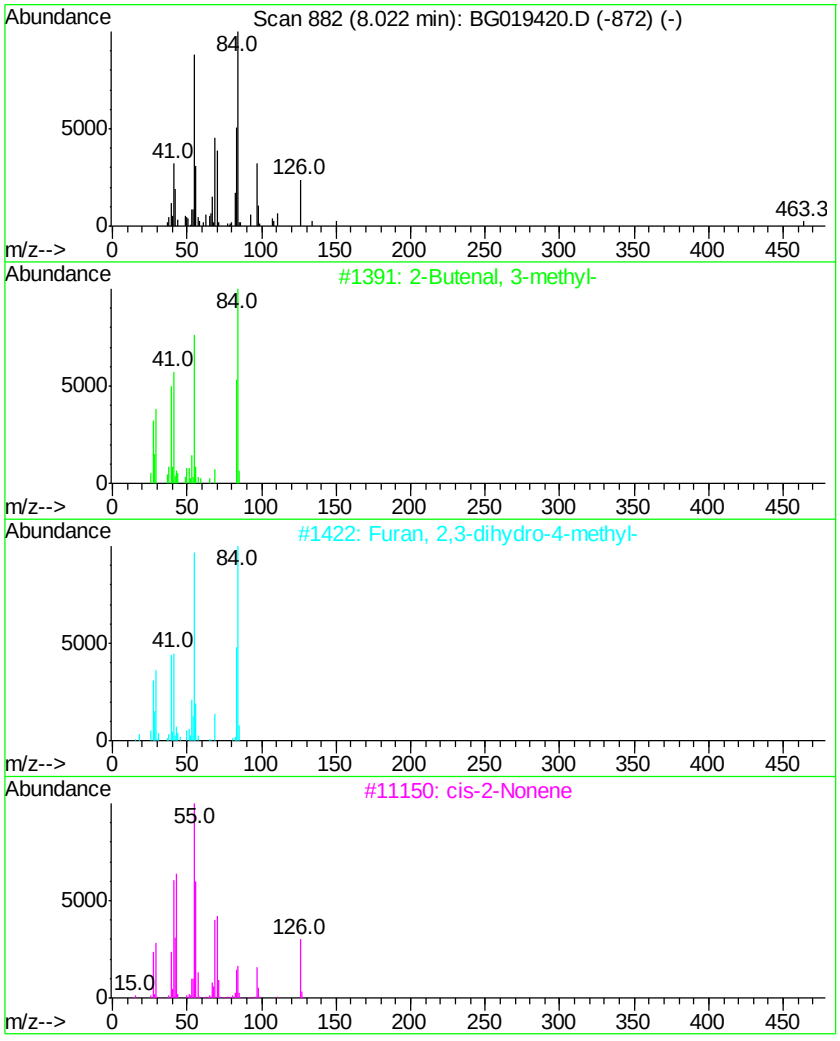
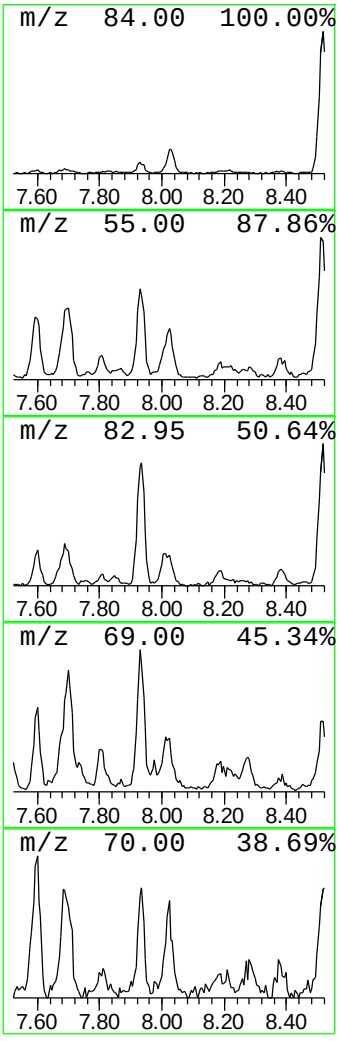
Peak Number 8 unknown-01 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	10.56 ng/ul	183190	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	46
2	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	43
3	cis-2-Nonene	126	C9H18	006434-77-1	38
4	4-Nonene	126	C9H18	002198-23-4	38
5	2-Hexene, (Z)-	84	C6H12	007688-21-3	38





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Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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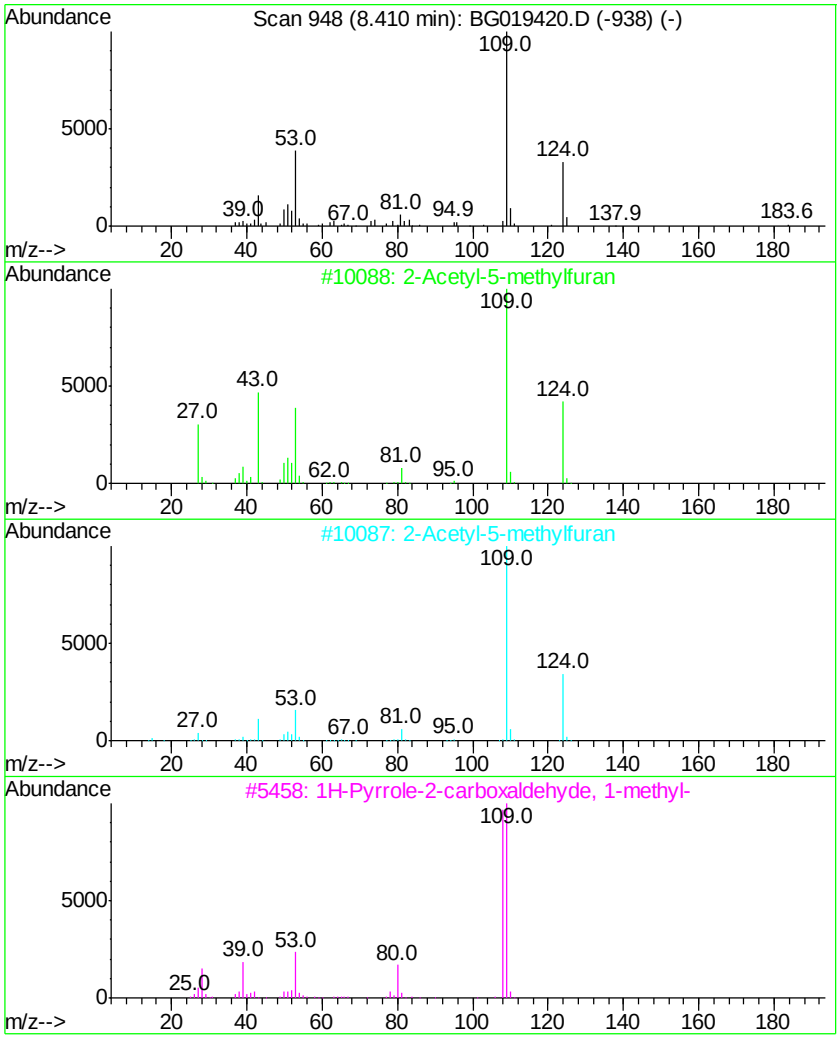
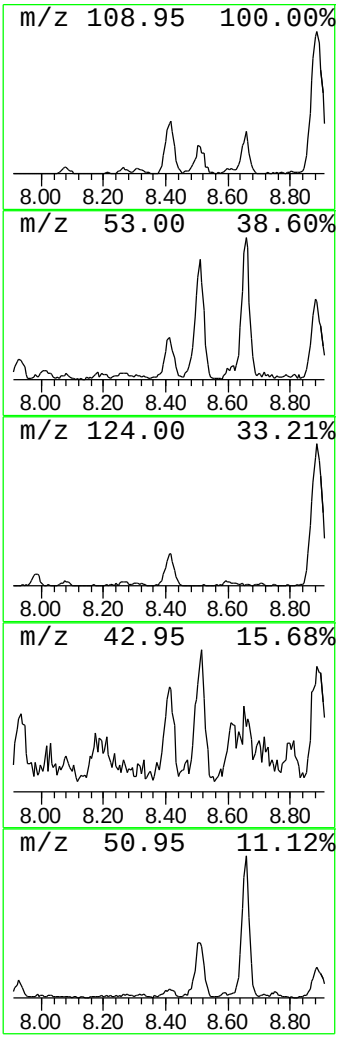
Peak Number 9 2-Acetyl-5-methylfuran Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	8.82 ng/ul	153017	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetyl-5-methylfuran	124	C7H8O2	001193-79-9	90
2	2-Acetyl-5-methylfuran	124	C7H8O2	001193-79-9	83
3	1H-Pyrrole-2-carboxaldehyde, 1-m...	109	C6H7NO	001192-58-1	80
4	1H-Pyrrole-2-carboxaldehyde, 1-m...	109	C6H7NO	001192-58-1	80
5	1H-Pyrrole-2-carboxaldehyde, 1-m...	109	C6H7NO	001192-58-1	72





Library Search Compound Report

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Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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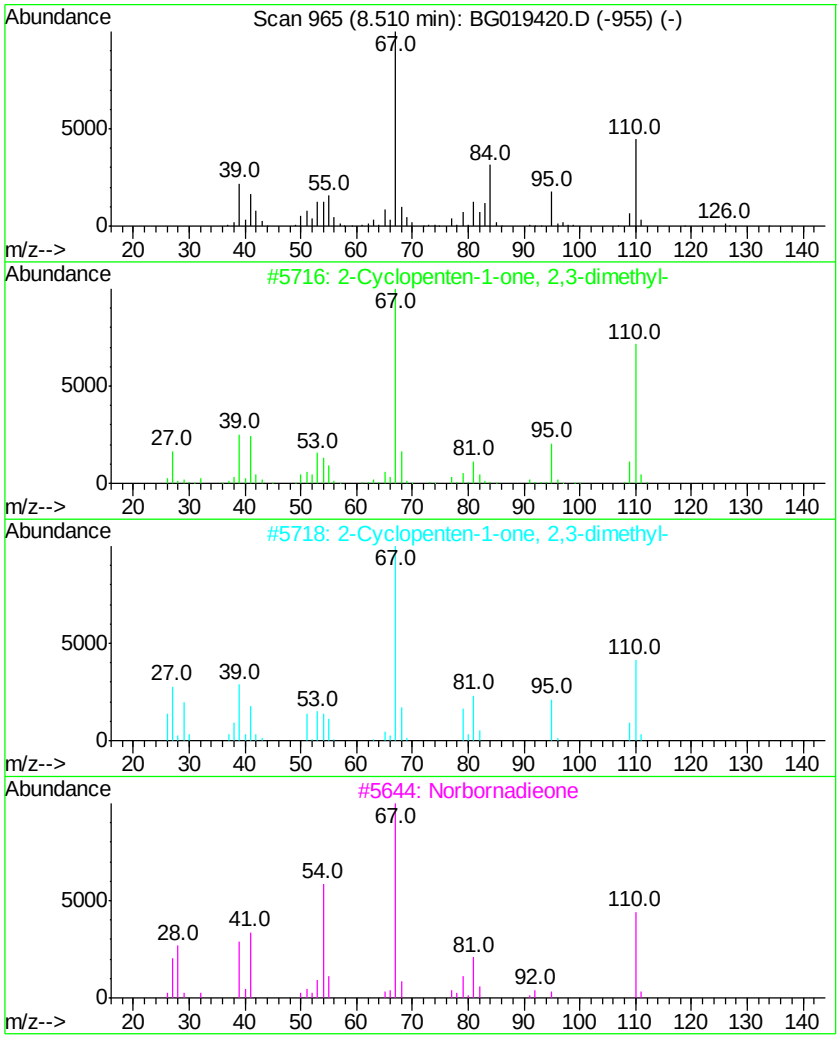
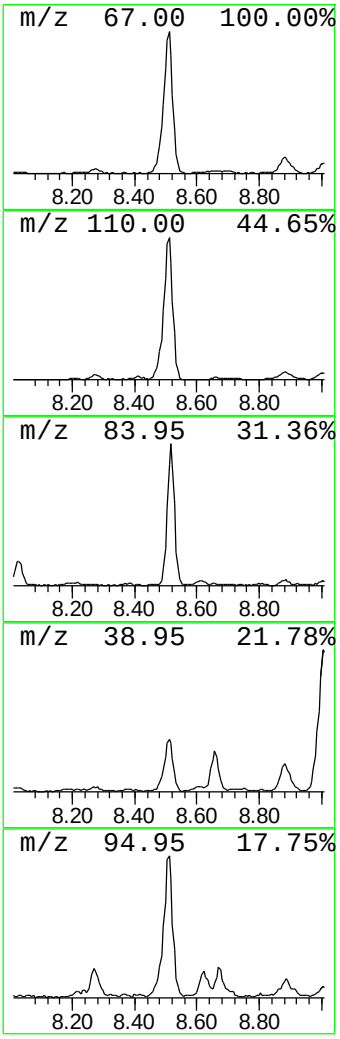
Peak Number 10 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	72.12 ng/ul	1250770	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	64
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	58
3	Norbornadieone	110	C7H10O	010218-02-7	58
4	2-Norbornanone	110	C7H10O	000497-38-1	58
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	43





Library Search Compound Report

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Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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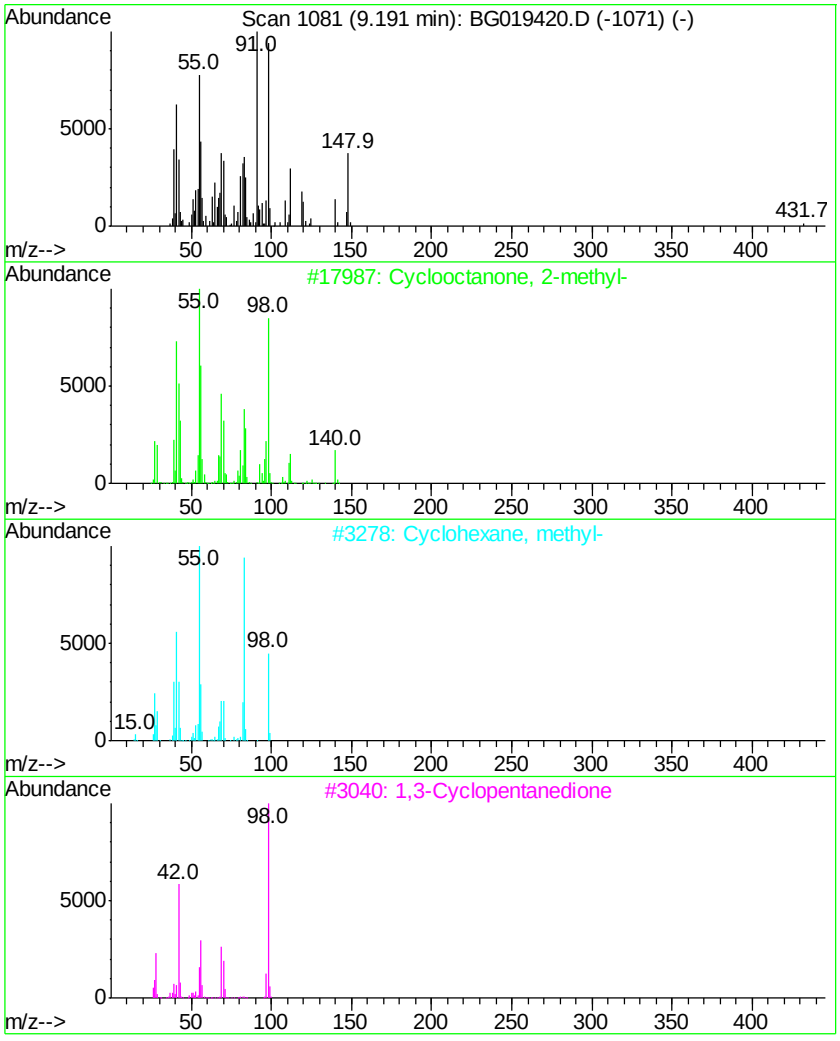
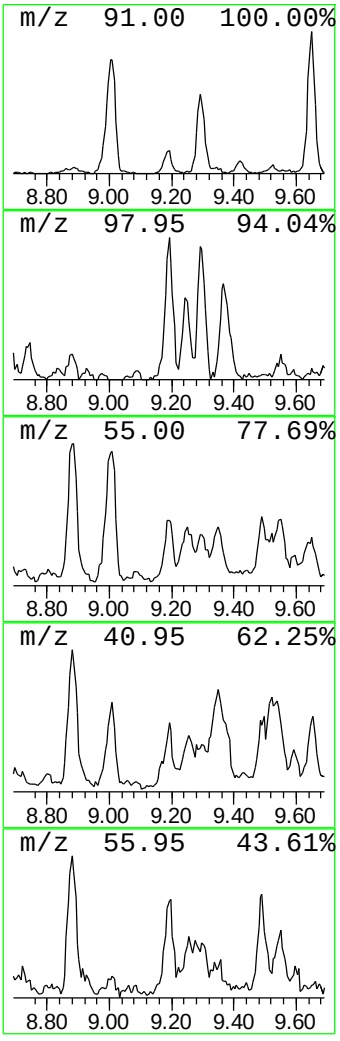
Peak Number 11 Cyclooctanone, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	14.94 ng/ul	259071	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctanone, 2-methyl-	140	C9H16O	010363-27-6	58
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	55
3	1,3-Cyclopentanedione	98	C5H6O2	003859-41-4	50
4	Cyclononanone	140	C9H16O	003350-30-9	38
5	trans-4-Decene	140	C10H20	019398-89-1	35





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Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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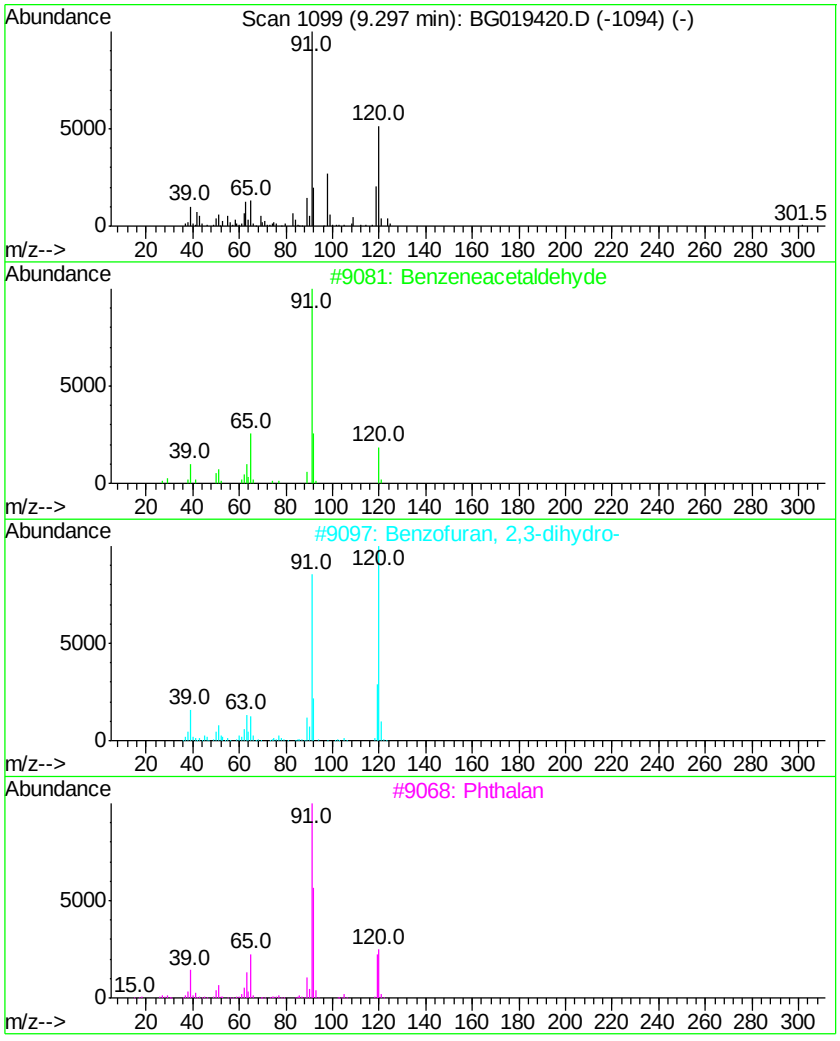
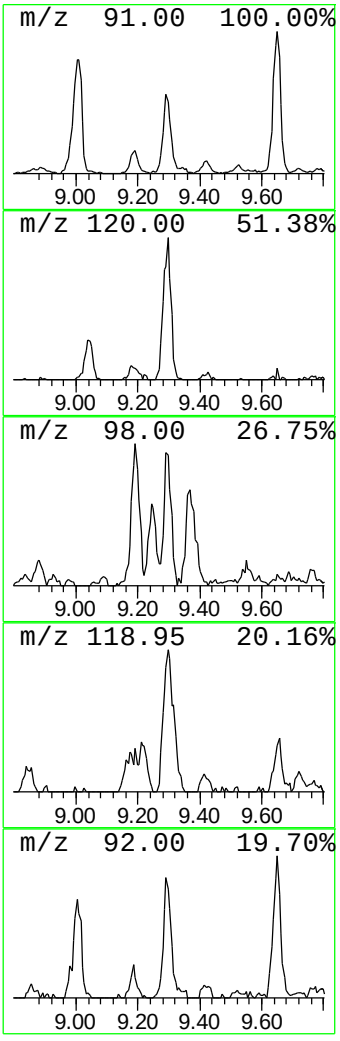
Peak Number 12 Benzeneacetaldehyde Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	17.90 ng/ul	310369	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde	120	C8H8O	000122-78-1	47
2	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	46
3	Phthalan	120	C8H8O	000496-14-0	45
4	Benzeneacetaldehyde	120	C8H8O	000122-78-1	43
5	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	43





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Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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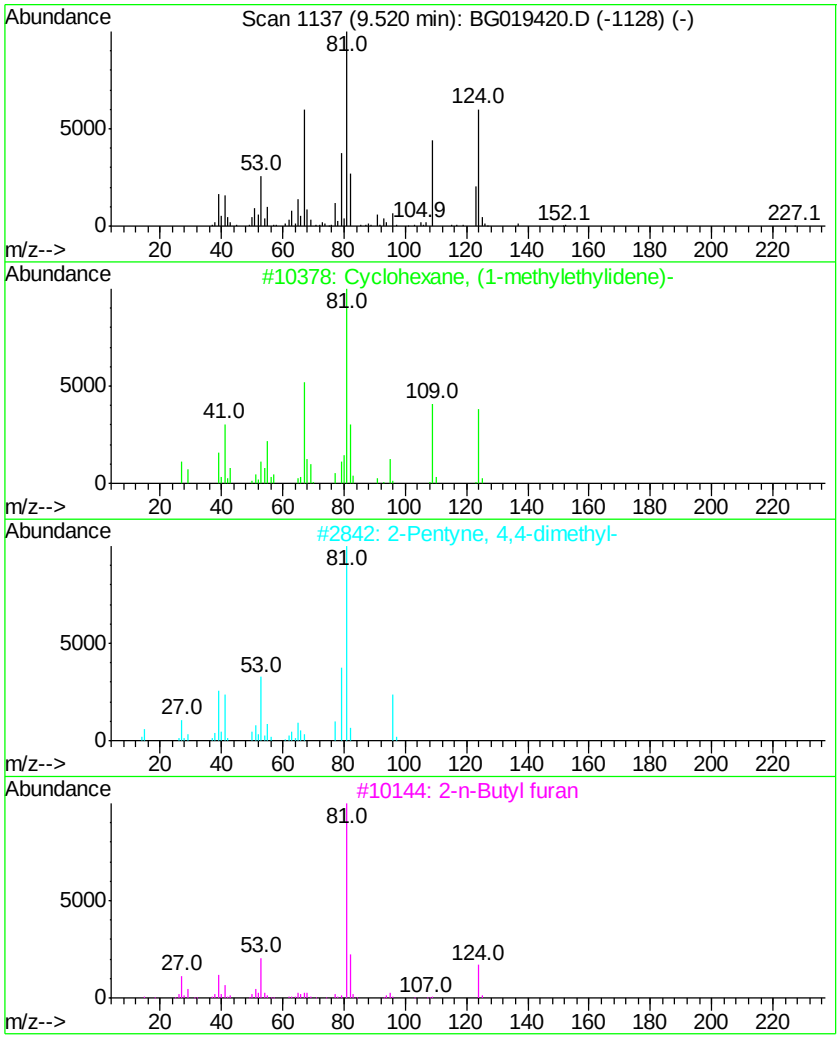
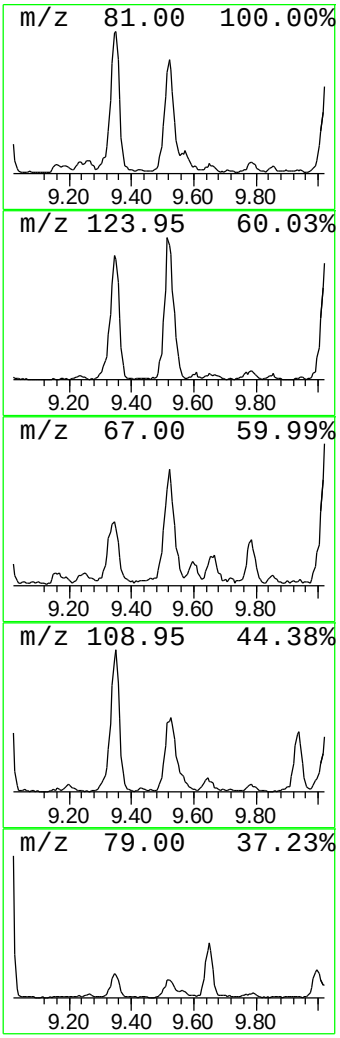
Peak Number 13 (DEL) Alkane: Branched9.52 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	40.45 ng/ul	701526	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	64
2	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	46
3	2-n-Butyl furan	124	C8H12O	004466-24-4	46
4	2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	43
5	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	43





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Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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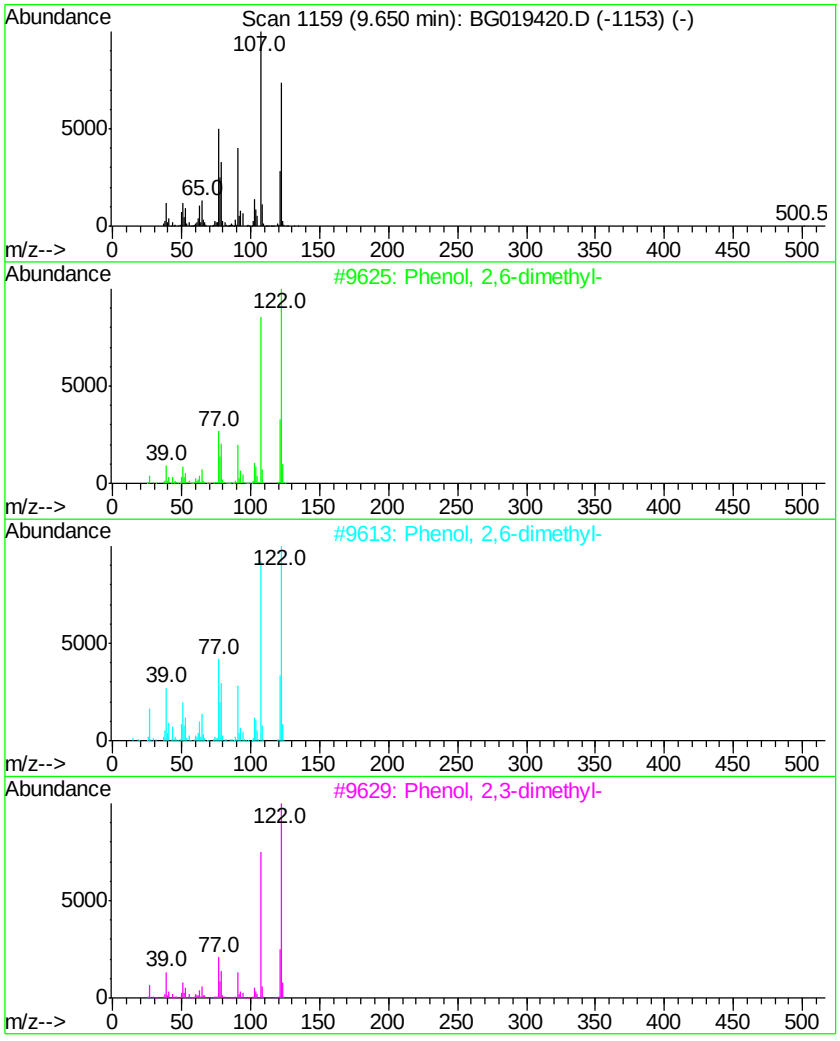
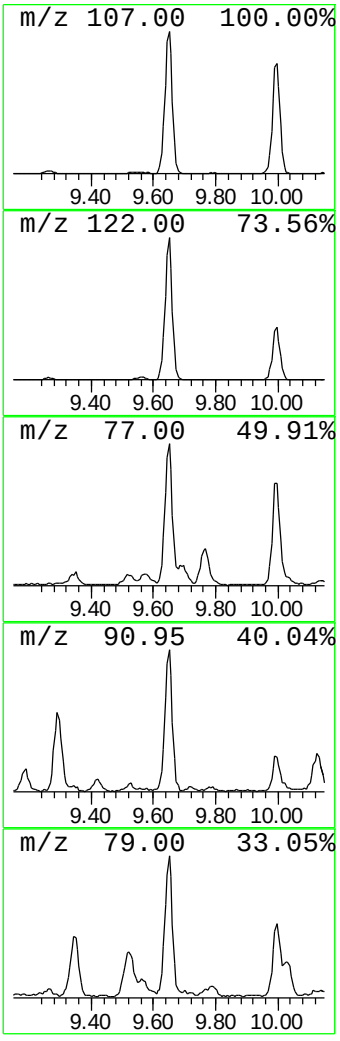
Peak Number 14 Phenol, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	79.66 ng/ul	1462880	Naphthalene-d8	11.04

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





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Sample : G4120-17DL 5X
Misc :
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ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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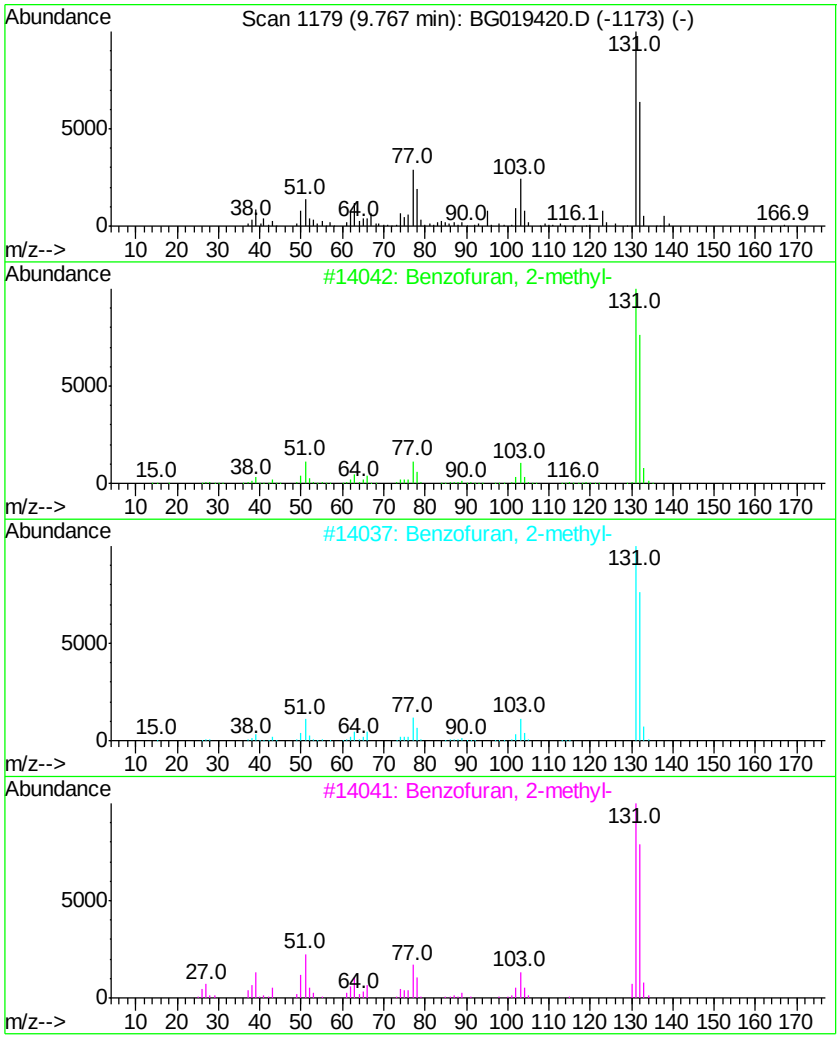
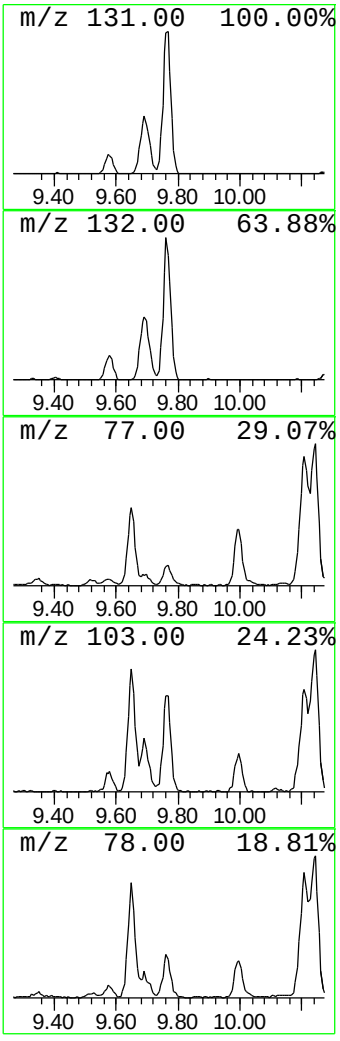
Peak Number 15 Benzofuran, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	39.42 ng/ul	724014	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	74





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Sample : G4120-17DL 5X
Misc :
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Instrument : BNA_G
ClientSampleId : E5LS6DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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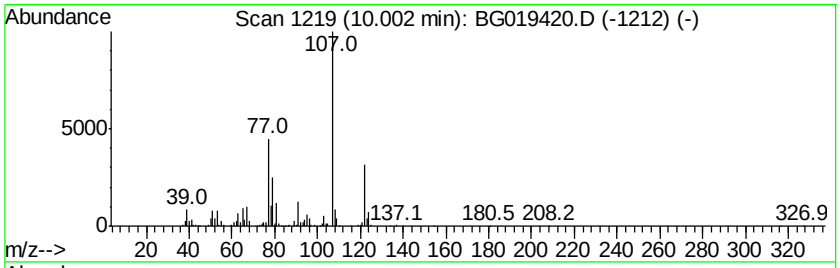
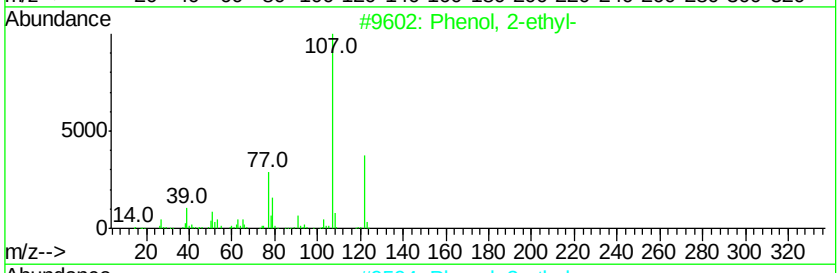
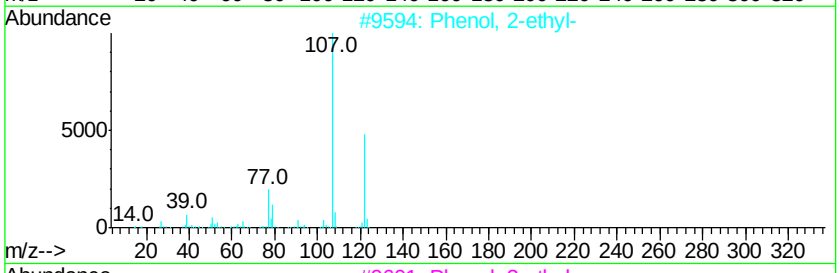
Peak Number 16 Phenol, 2-ethyl- Concentration Rank 12

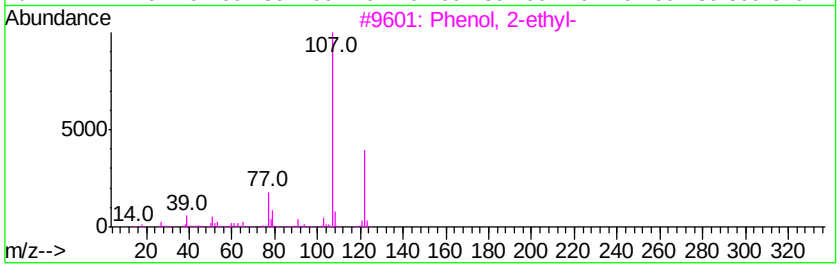
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	44.71 ng/ul	821079	Naphthalene-d8	11.04

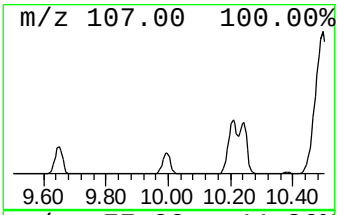
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	95
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87

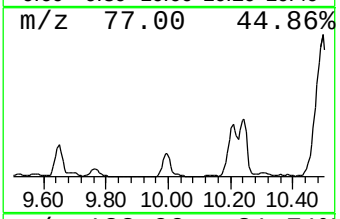


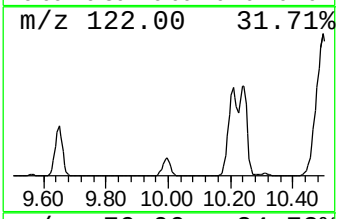


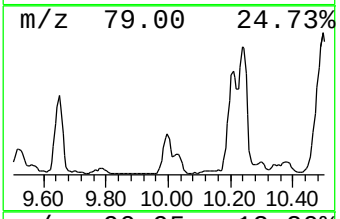


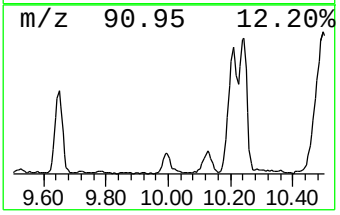












Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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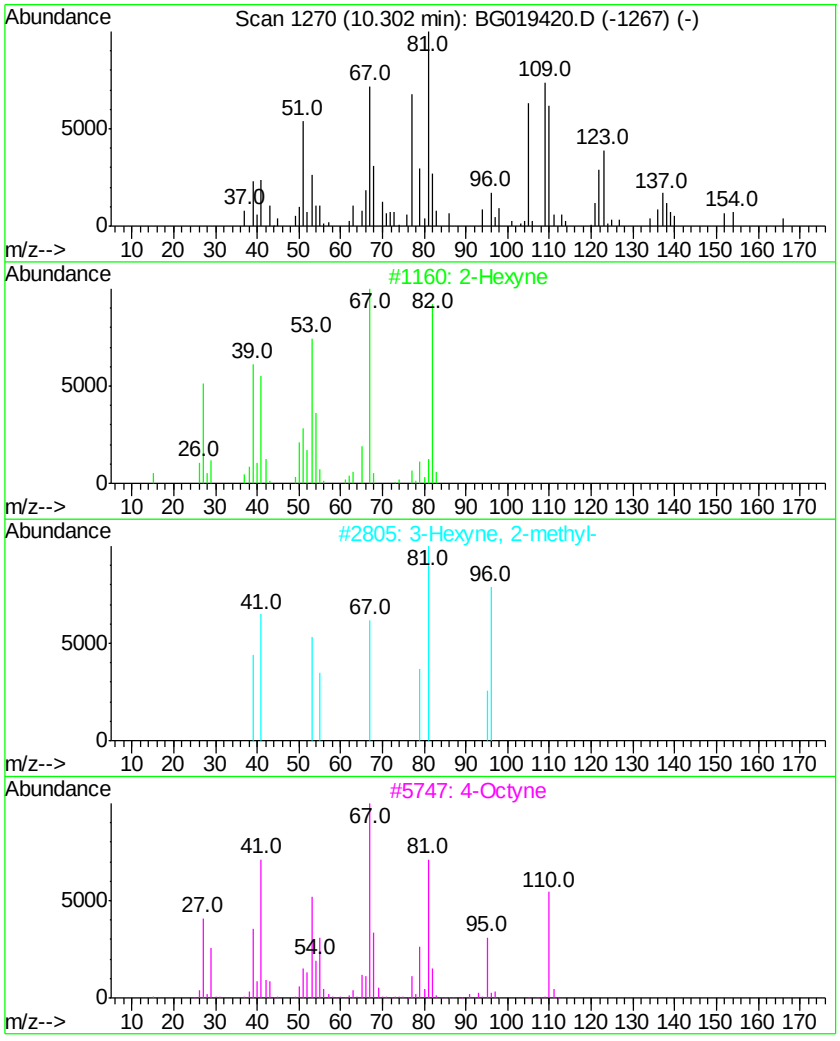
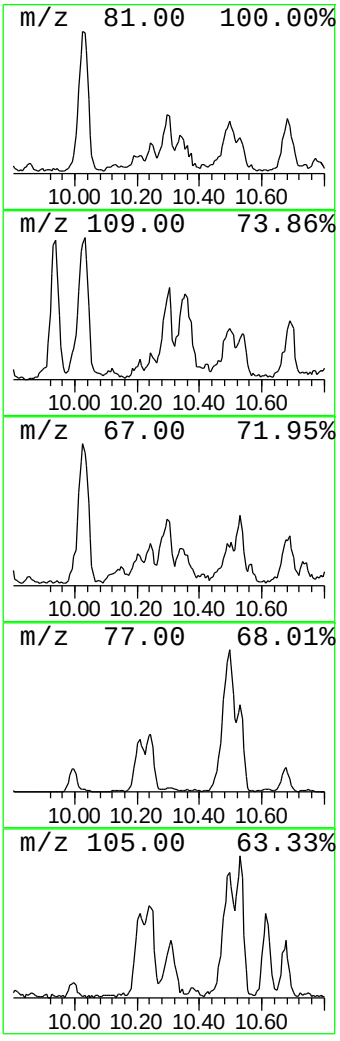
Peak Number 17 (DEL) Alkane: Branched10.30 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	18.92 ng/ul	347437	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexyne	82	C6H10	000764-35-2	59
2	3-Hexyne, 2-methyl-	96	C7H12	036566-80-0	53
3	4-Octyne	110	C8H14	001942-45-6	47
4	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	43
5	Furfuryl isothiocyanate	139	C6H5NOS	004650-60-6	38





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Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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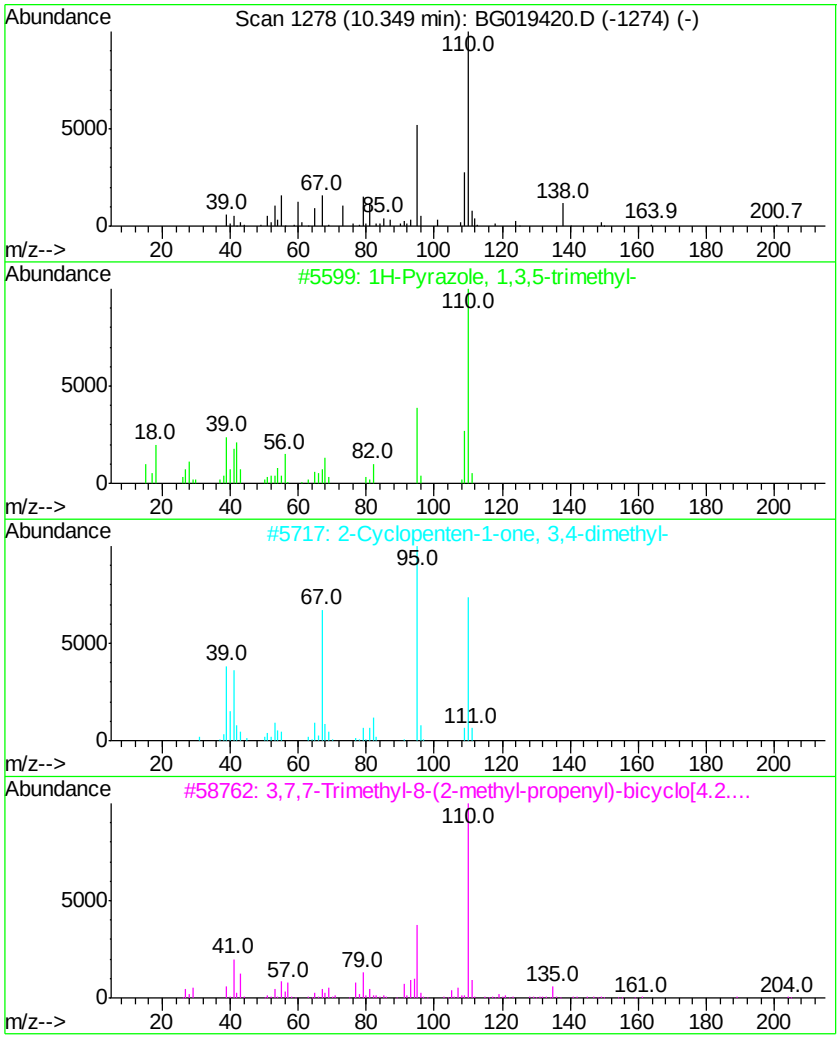
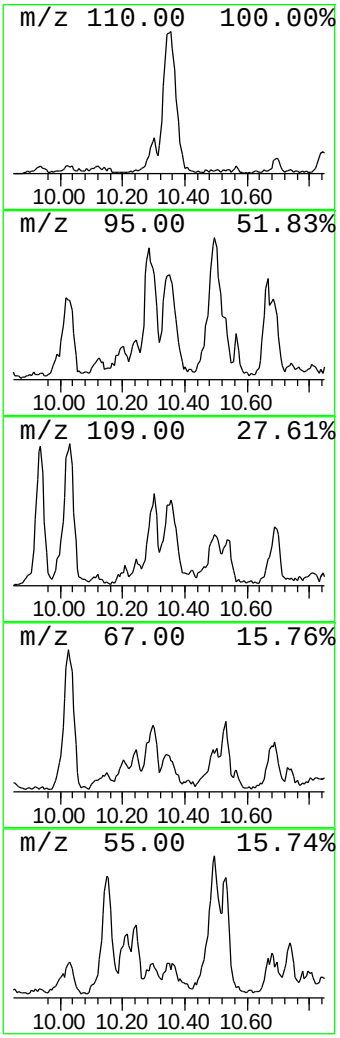
Peak Number 18 1H-Pyrazole, 1,3,5-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	20.83 ng/ul	382632	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	64
2	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	58
3	3,7,7-Trimethyl-8-(2-methyl-prop...	204	C15H24	1000192-43-3	53
4	5,7-Octadien-3-ol, 2,4,4,7-tetra...	182	C12H22O	077142-78-0	43
5	3-Cyclopenten-1-one, 2,2,5,5-tet...	138	C9H14O	081396-36-3	42





Library Search Compound Report

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Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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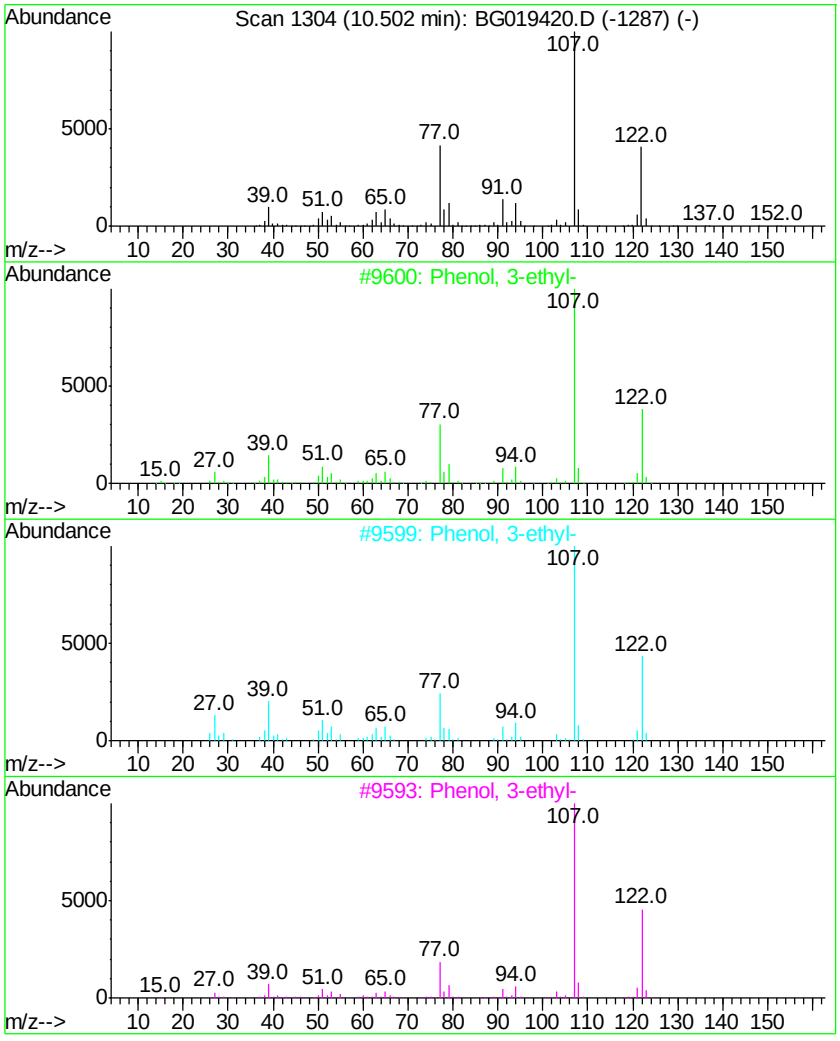
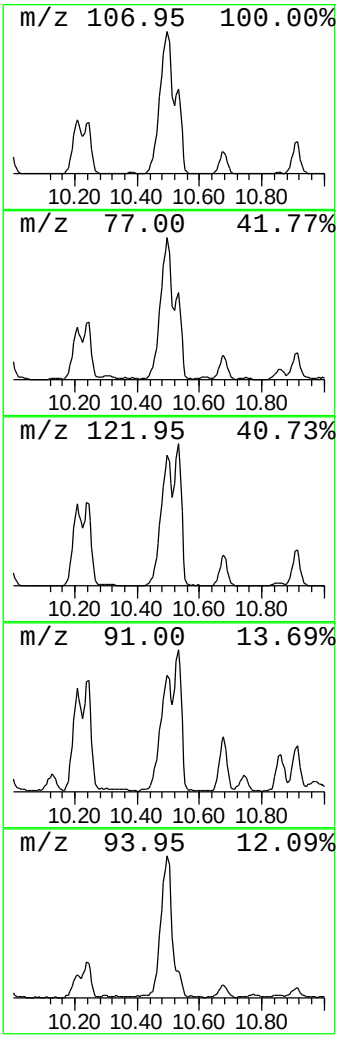
Peak Number 19 Phenol, 3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	406.31 ng/ul	7461910	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	95
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	86





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Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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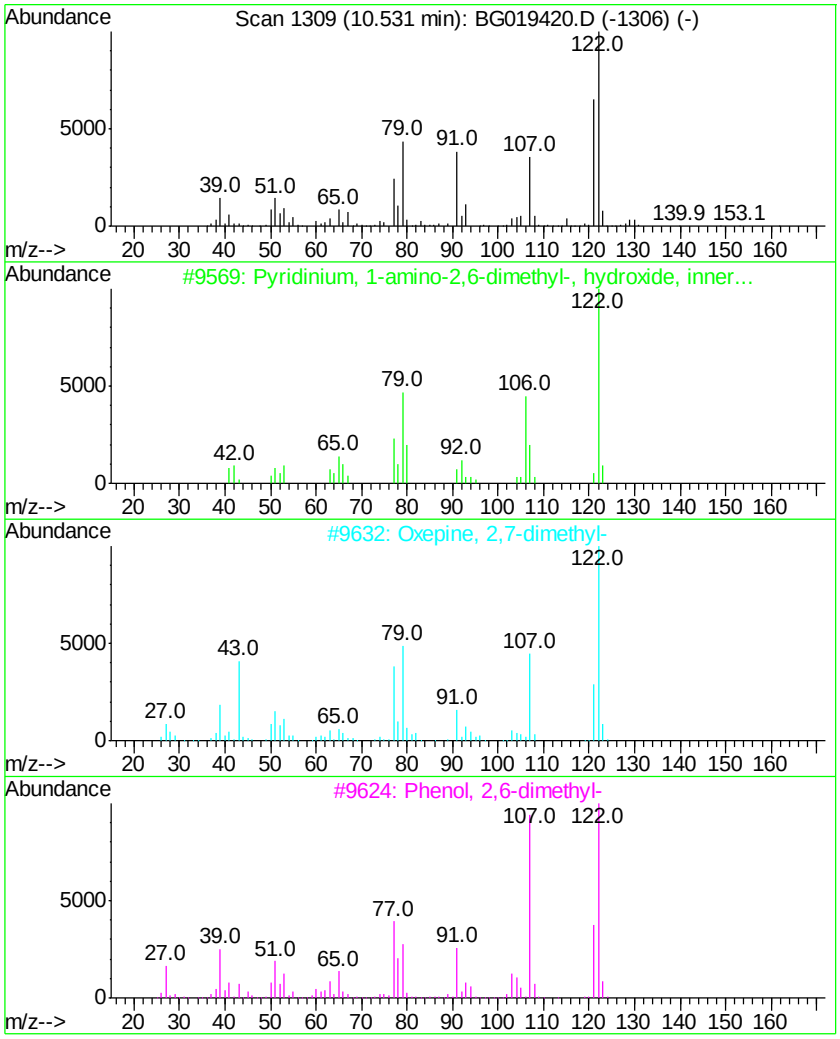
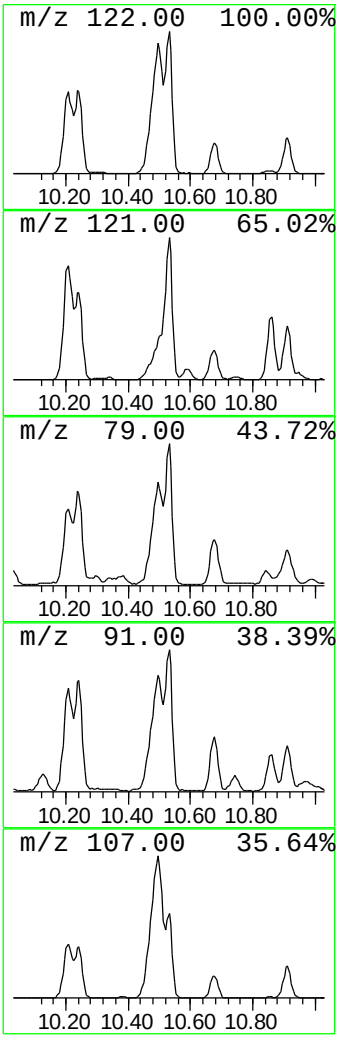
Peak Number 20 Pyridinium, 1-amino-2,6-dim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	198.09 ng/ul	3637850	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridinium, 1-amino-2,6-dimethyl...	122	C7H10N2	051135-76-3	72
2	Oxepine, 2,7-dimethyl-	122	C8H10O	001487-99-6	72
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	64
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	64
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	59





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Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

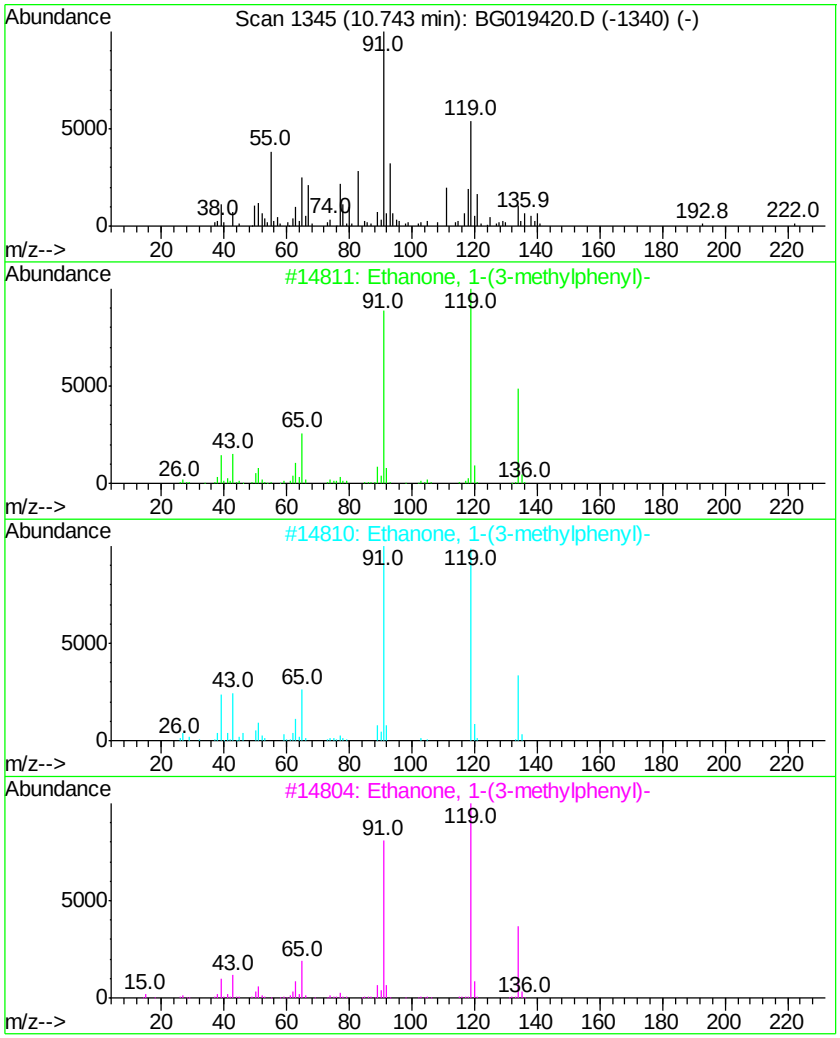
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

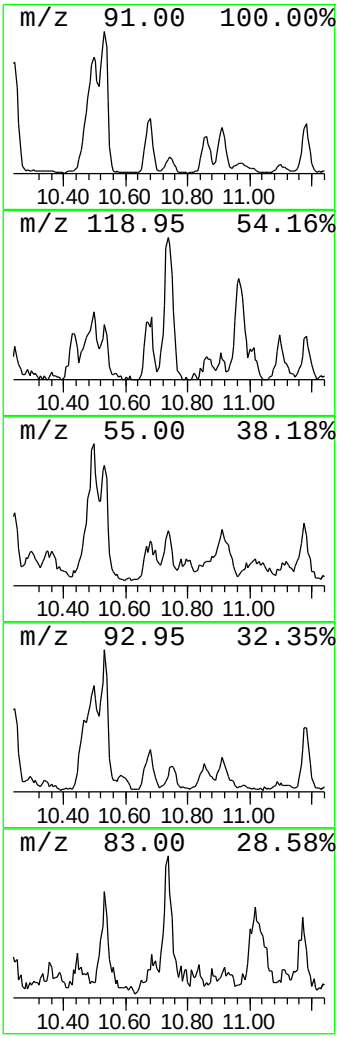
****

Peak Number 21 Ethanone, 1-(3-methylphenyl)- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	10.09 ng/ul	185371	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	64
2	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	64
3	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	58
4	o-Toluylic acid, phenyl ester	212	C14H12O2	015813-38-4	50
5	4'-Methylpropiophenone	148	C10H12O	005337-93-9	49





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Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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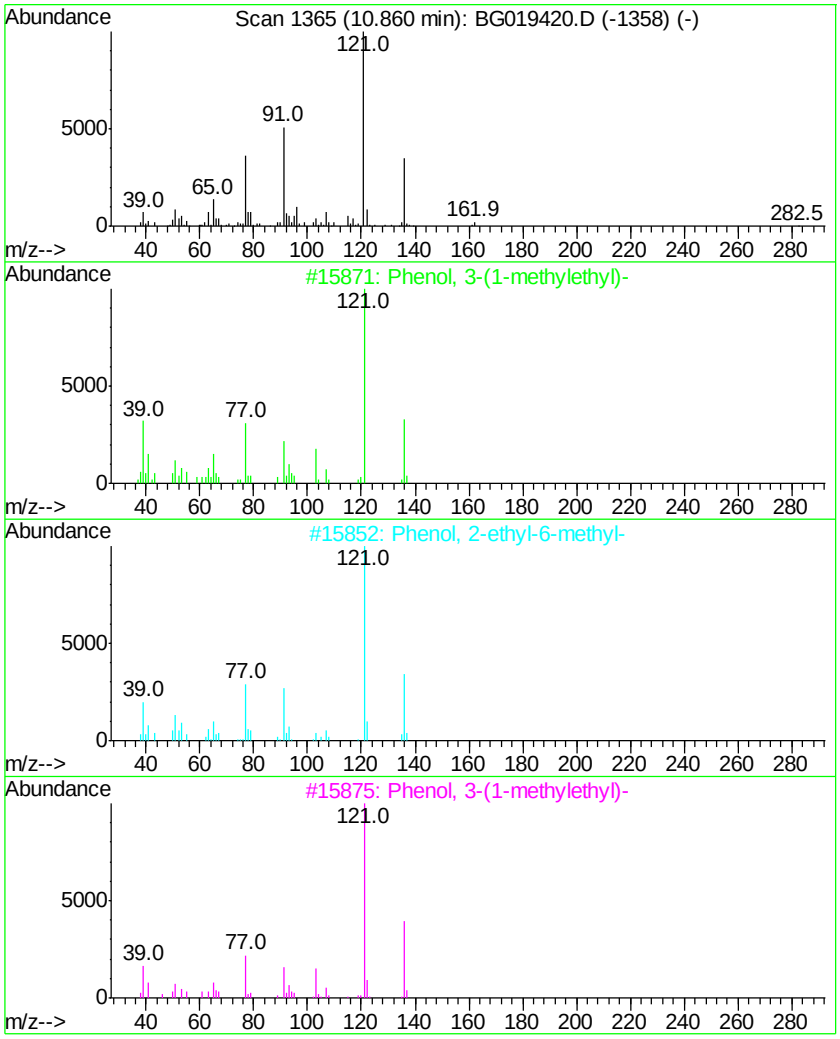
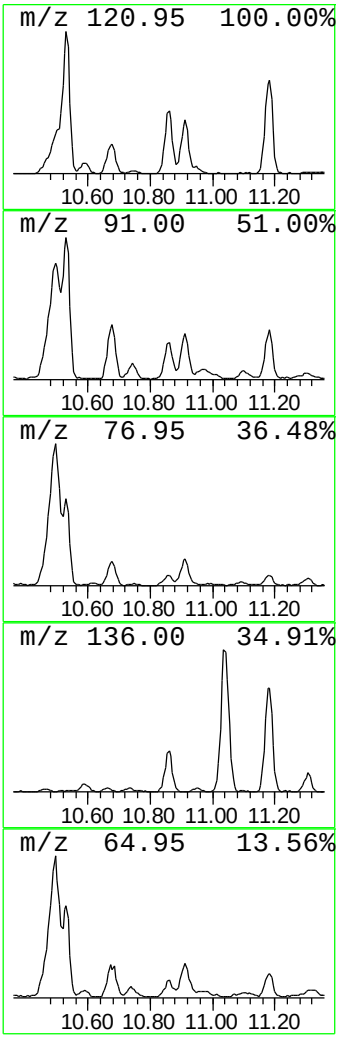
Peak Number 22 Phenol, 3-(1-methylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	29.38 ng/ul	539643	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	83
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	83
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	80
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	72





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Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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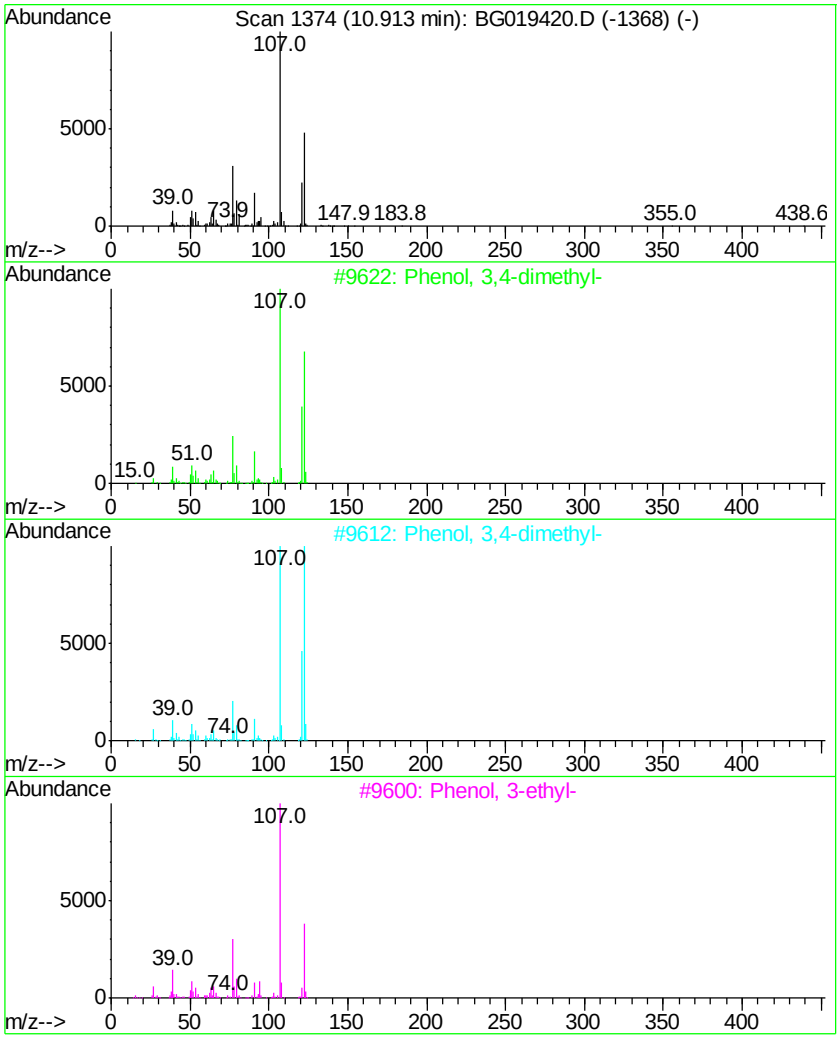
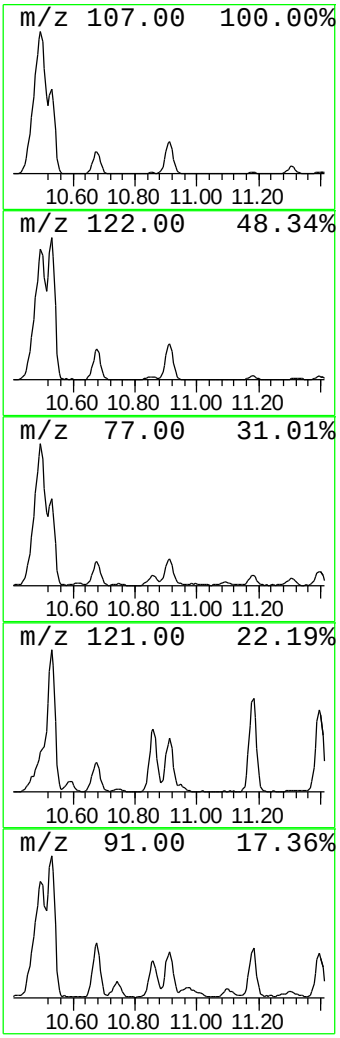
Peak Number 23 Phenol, 3,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	91.11 ng/ul	1673170	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	72





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Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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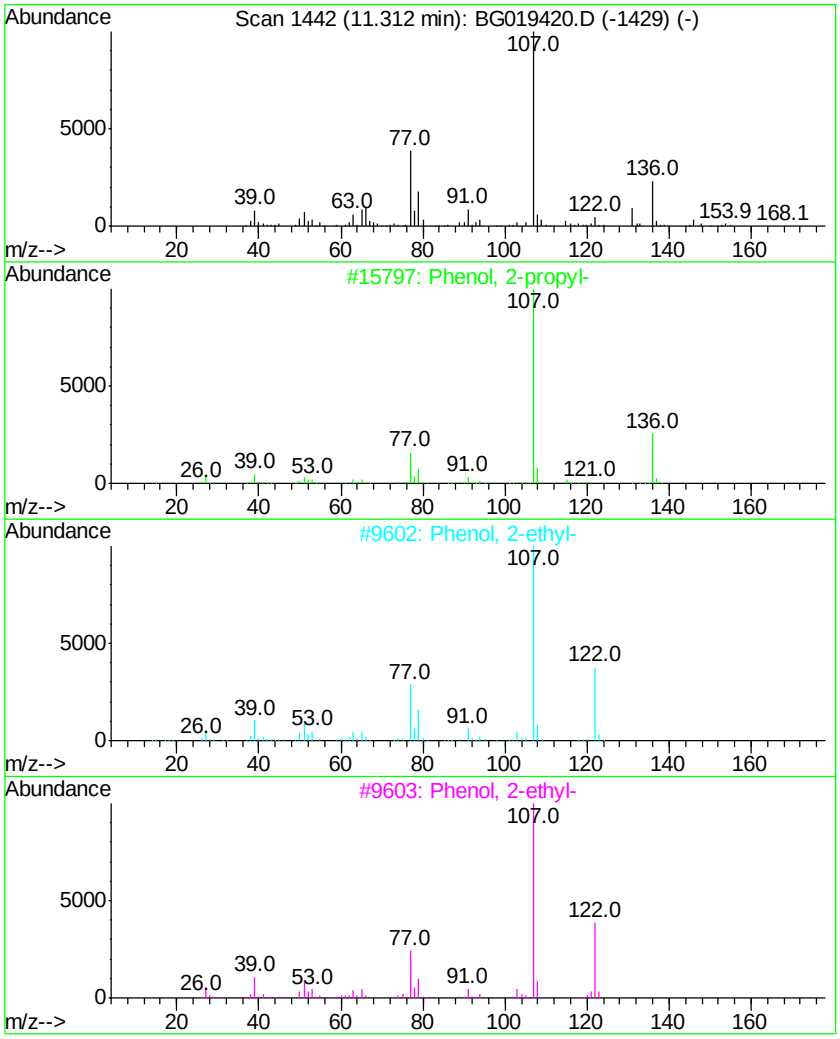
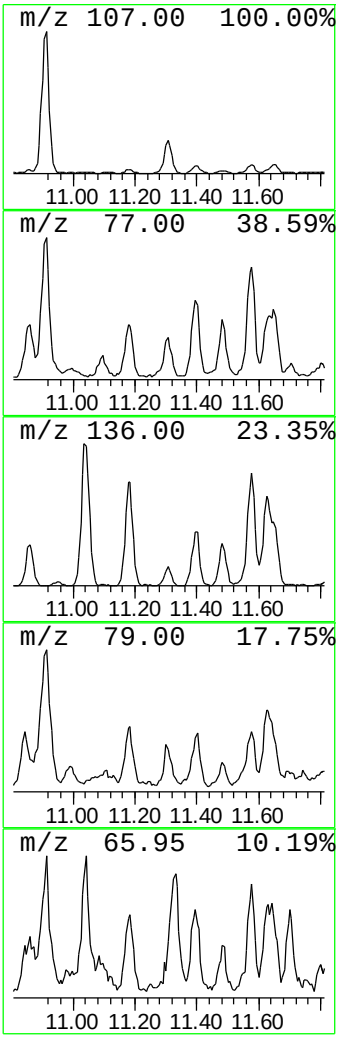
Peak Number 24 Phenol, 2-propyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	23.54 ng/ul	432293	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	86
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	74
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	64
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	64
5	3-Amino-4-[4-hydroxyphenyl]butanool	181	C10H15NO2	1000251-64-2	59





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Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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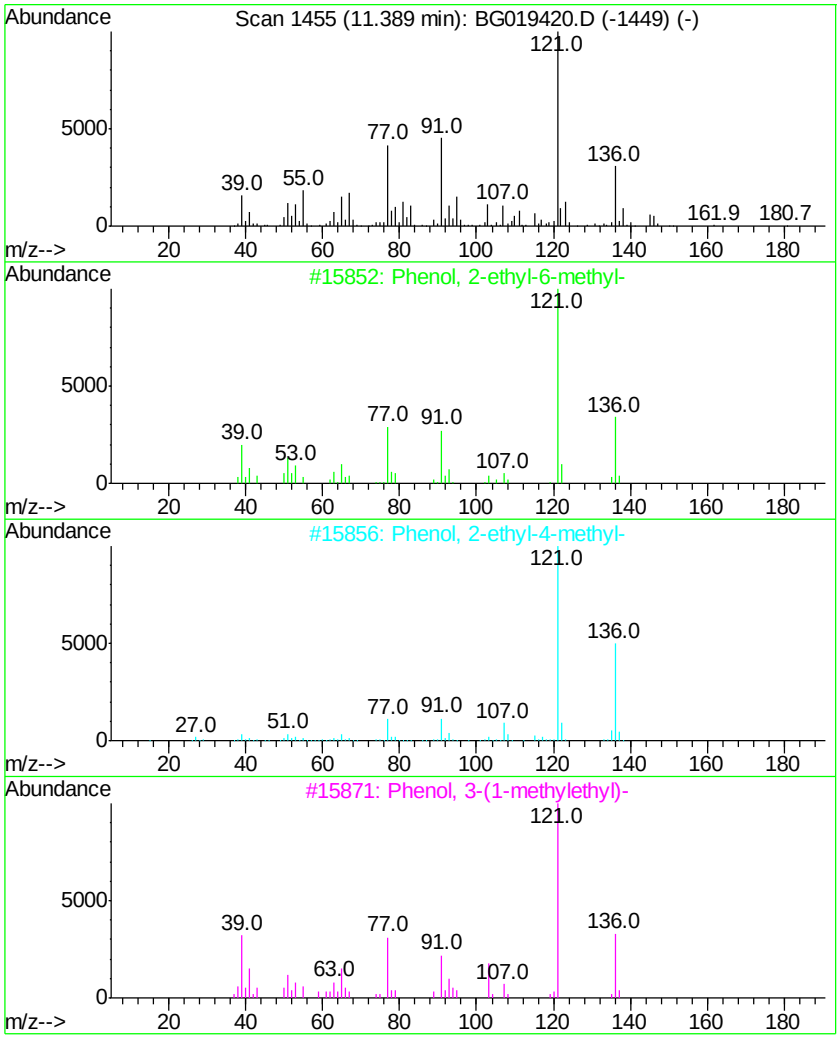
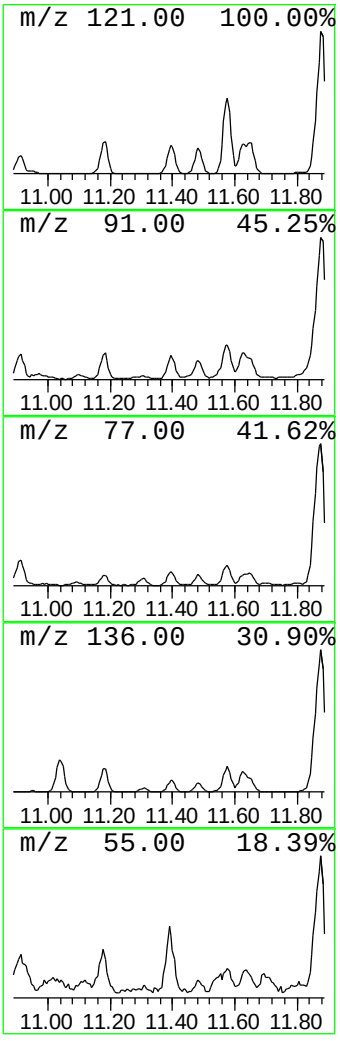
Peak Number 25 Phenol, 2-ethyl-6-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	53.91 ng/ul	990142	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	89
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	76
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	68
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	64
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	59





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Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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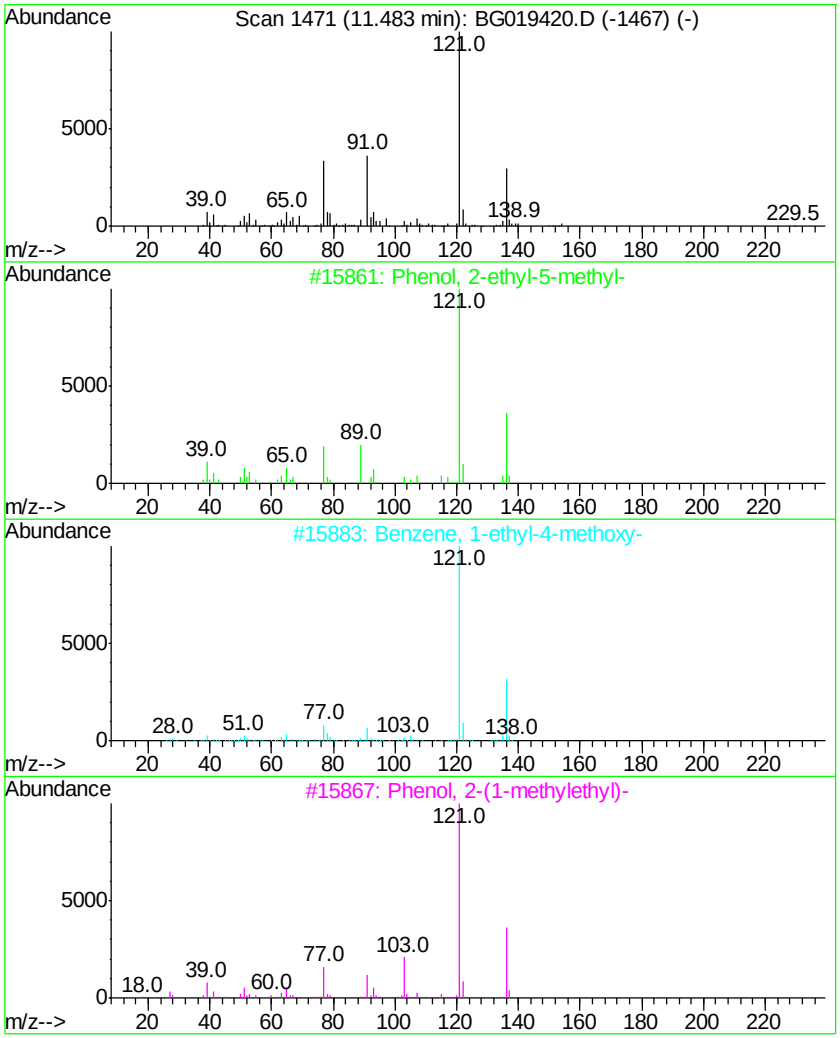
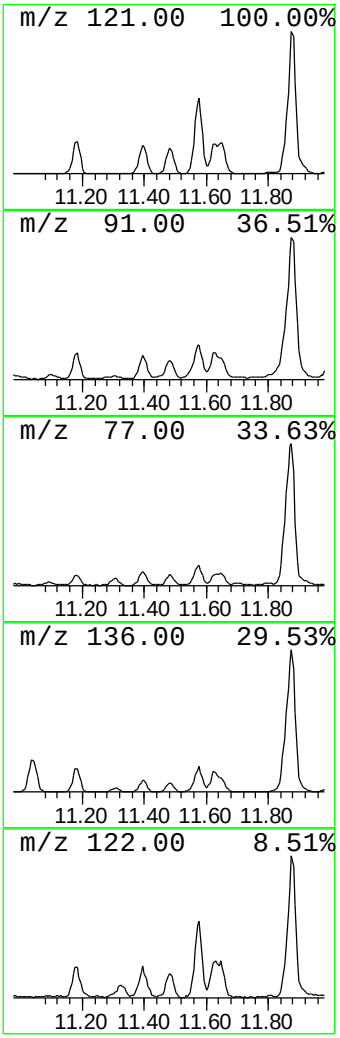
Peak Number 26 Phenol, 2-ethyl-5-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	25.44 ng/ul	467214	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	86
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	83





Library Search Compound Report

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Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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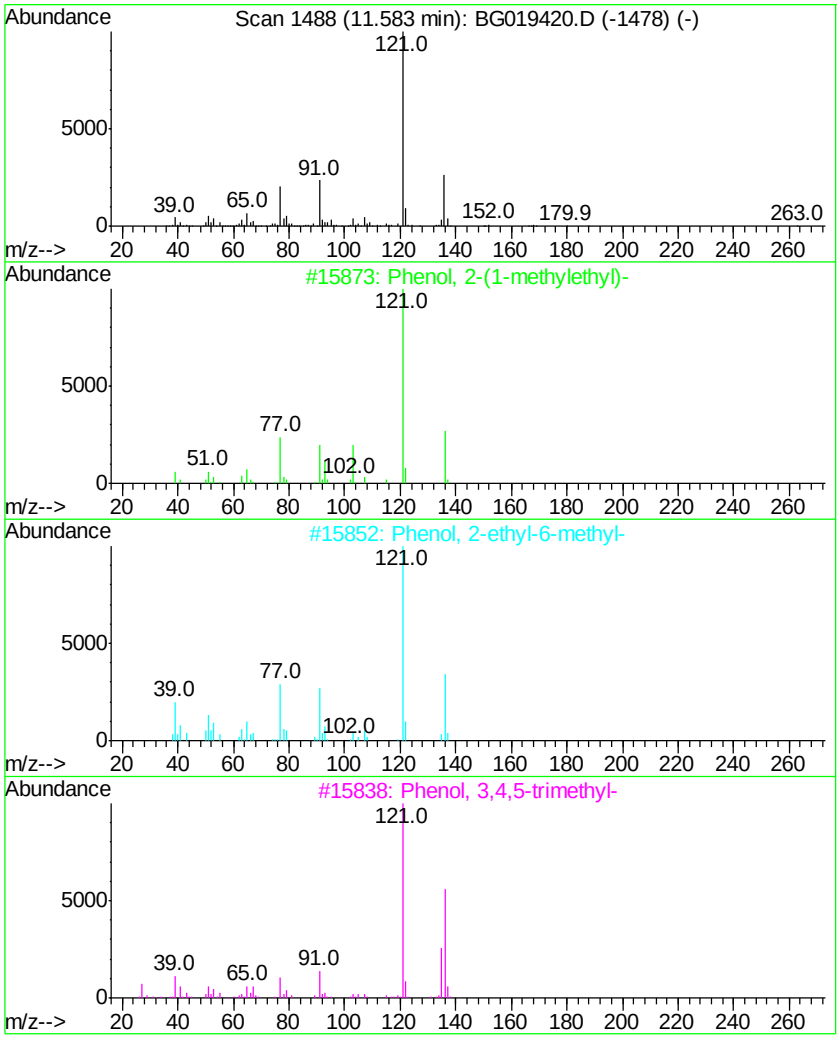
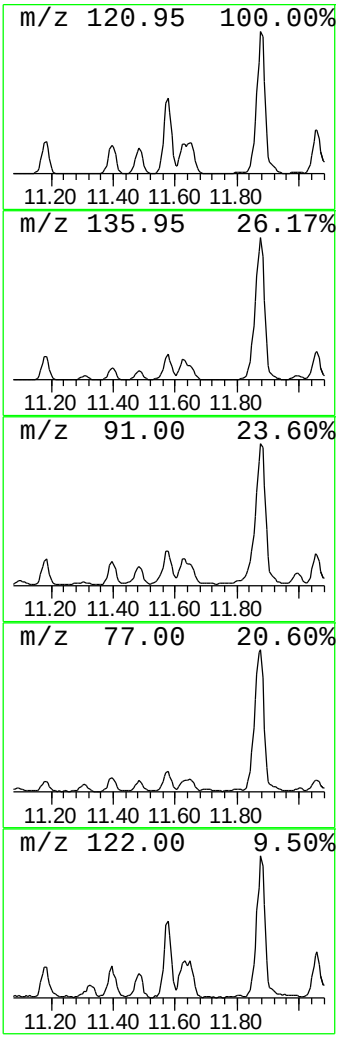
Peak Number 27 Phenol, 2-(1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	70.28 ng/ul	1290630	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90





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Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

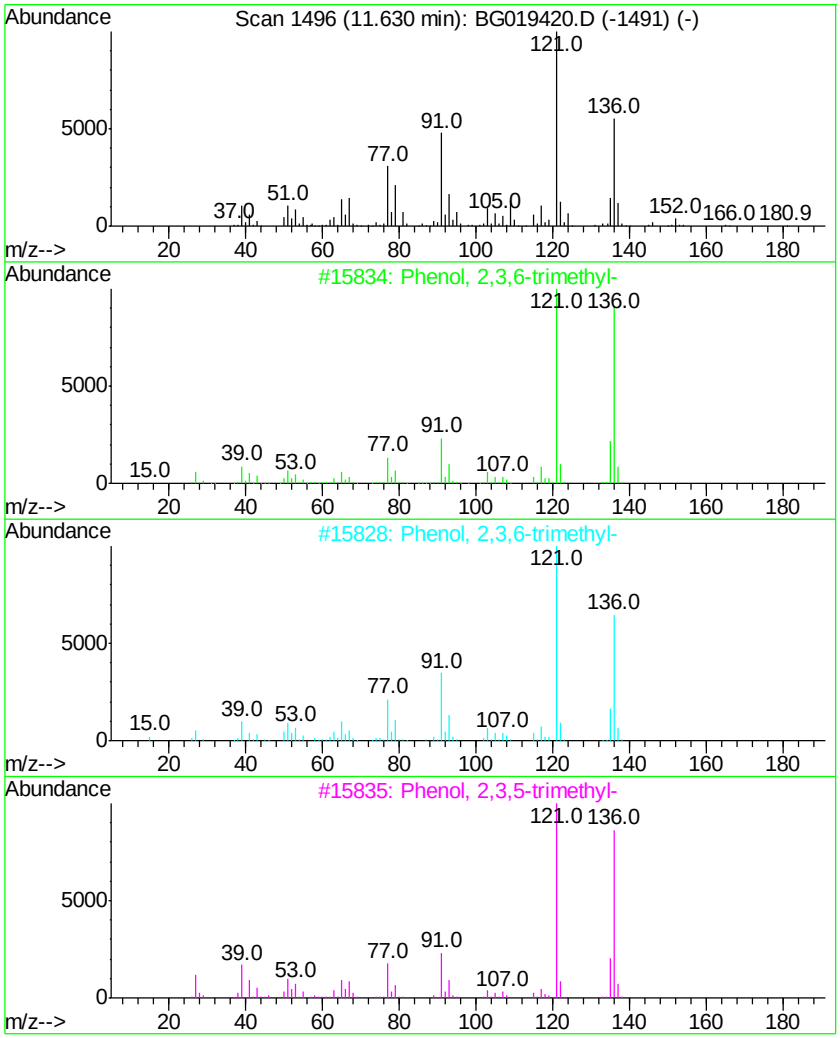
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

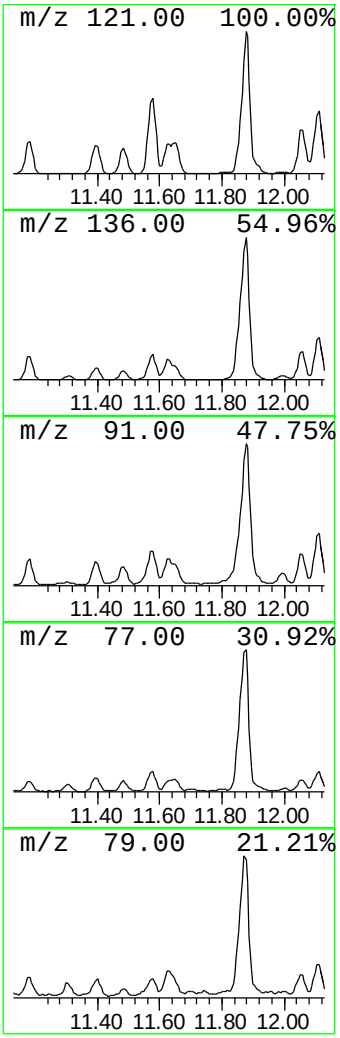
****

Peak Number 28 Phenol, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	71.15 ng/ul	1306660	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	93
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	93
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	91





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Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

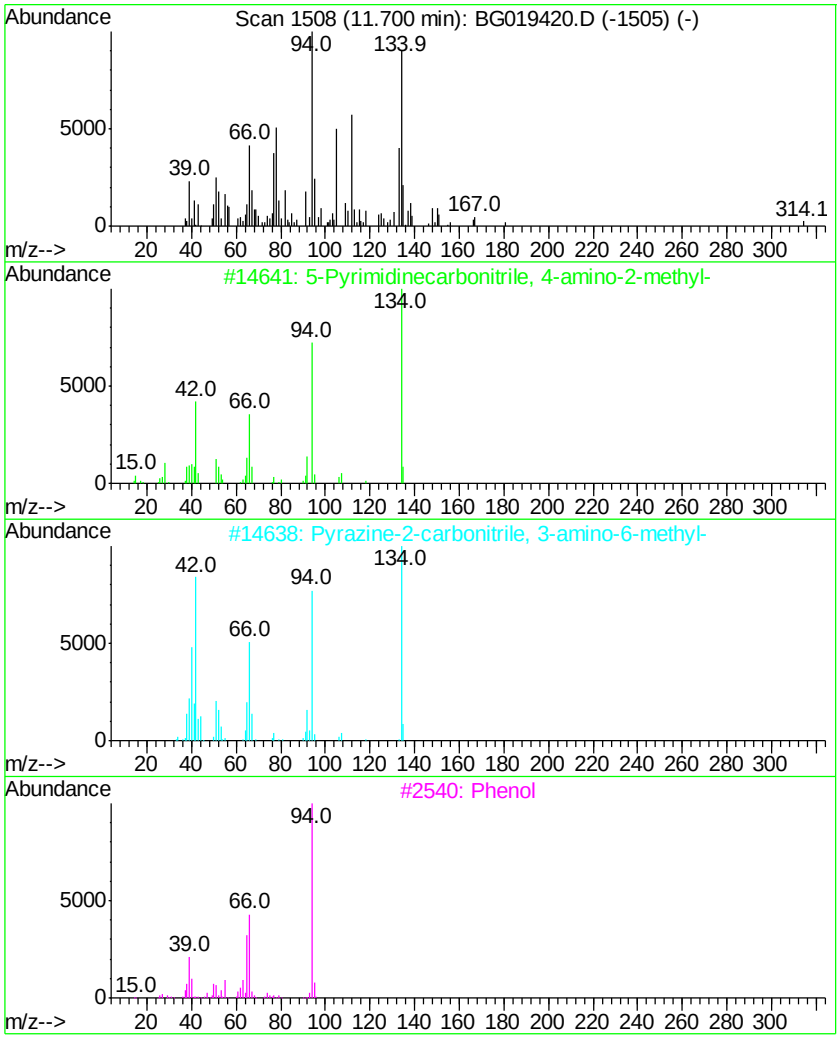
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

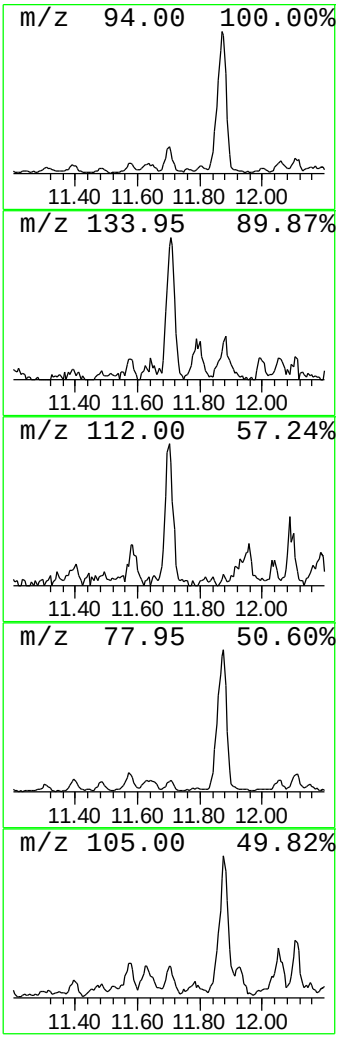
****

Peak Number 29 5-Pyrimidinecarbonitrile, 4... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	9.04 ng/ul	165931	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Pyrimidinecarbonitrile, 4-amin...	134	C6H6N4	000698-29-3	50
2	Pyrazine-2-carbonitrile, 3-amino...	134	C6H6N4	017890-82-3	50
3	Phenol	94	C6H6O	000108-95-2	38
4	Phenol	94	C6H6O	000108-95-2	38
5	Phenol	94	C6H6O	000108-95-2	35





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Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

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Quant Title : SVOA CALIBRATION

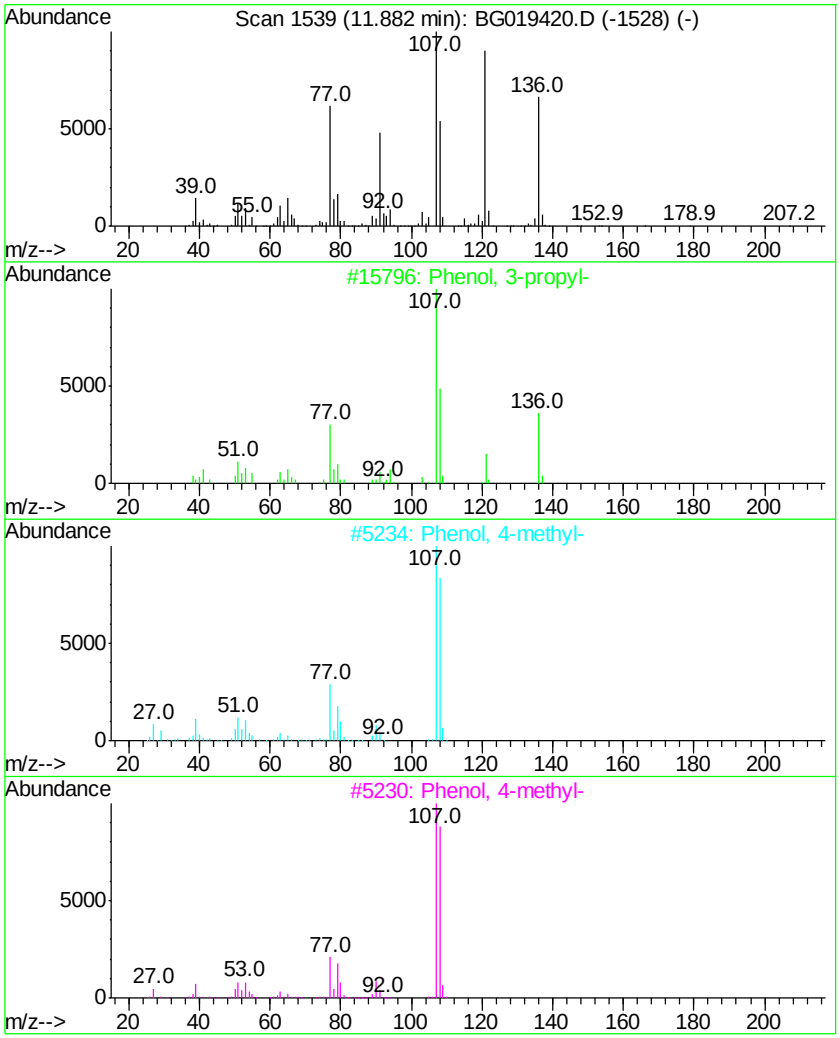
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

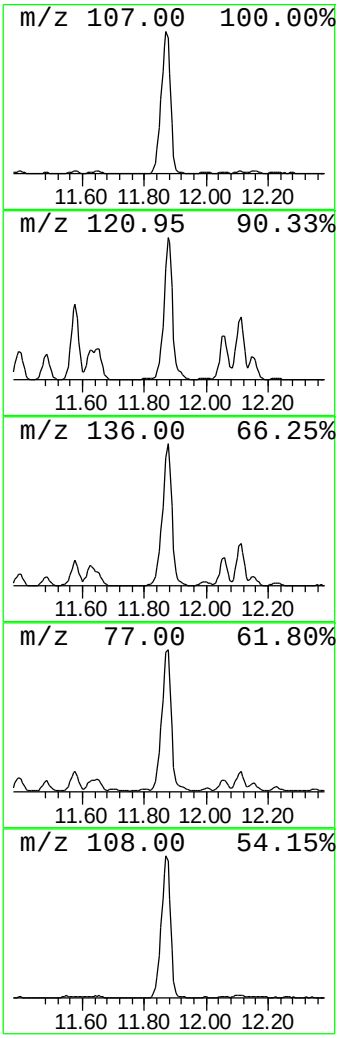
****

Peak Number 30 Phenol, 3-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	441.99 ng/ul	8117220	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	91
2	Phenol, 4-methyl-	108	C7H8O	000106-44-5	58
3	Phenol, 4-methyl-	108	C7H8O	000106-44-5	53
4	Phenol, 4-methyl-	108	C7H8O	000106-44-5	53
5	Phenol, 3-(2-aminoethyl)-	137	C8H11NO	000588-05-6	46





Library Search Compound Report

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Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

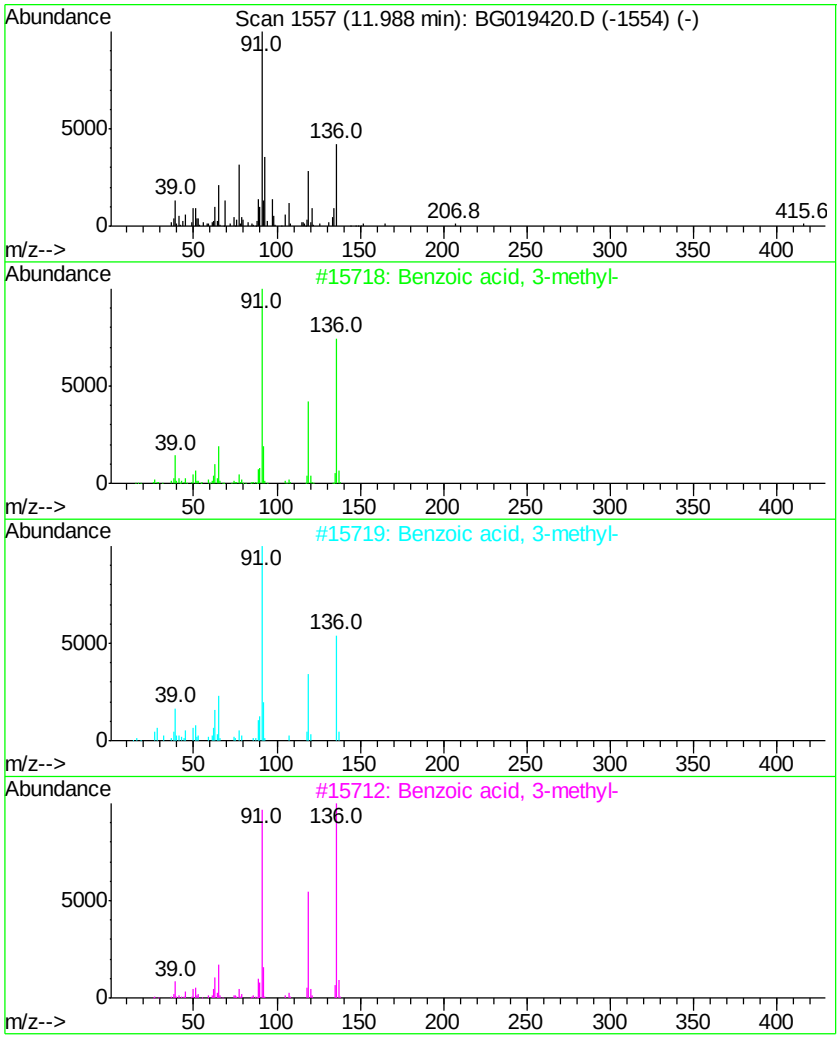
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

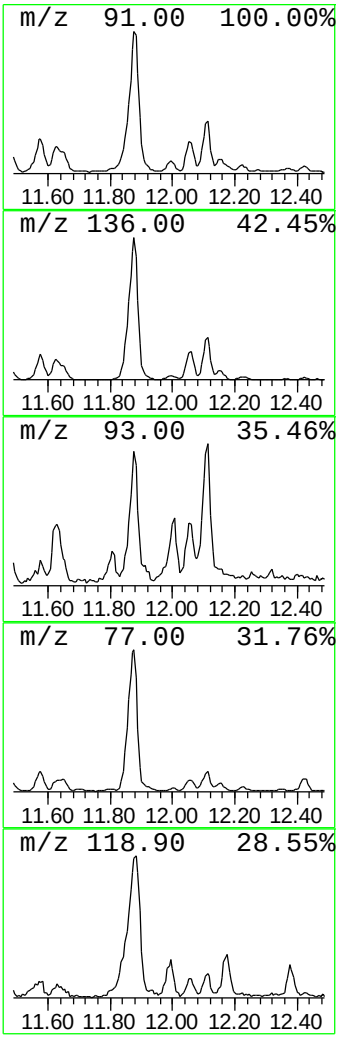
****

Peak Number 31 Benzoic acid, 3-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	8.24 ng/ul	151358	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	50
2	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	46
3	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	45
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	45
5	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	45





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Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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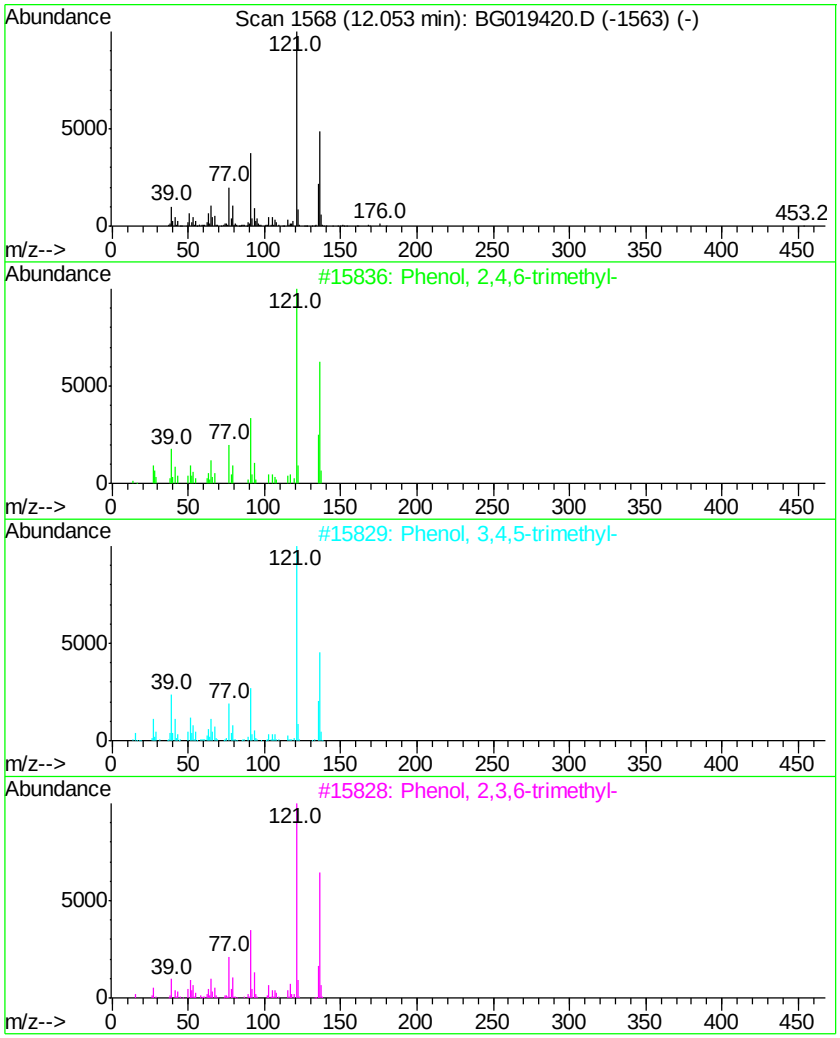
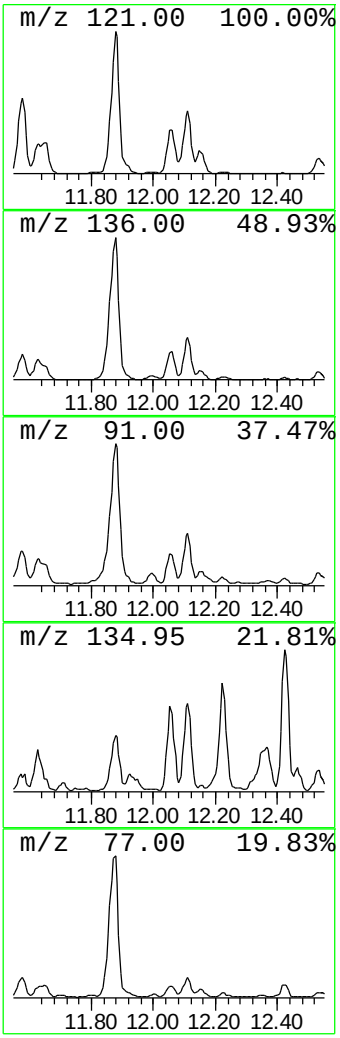
Peak Number 32 Phenol, 2,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	51.33 ng/ul	942724	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	93
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	93
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	90





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Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

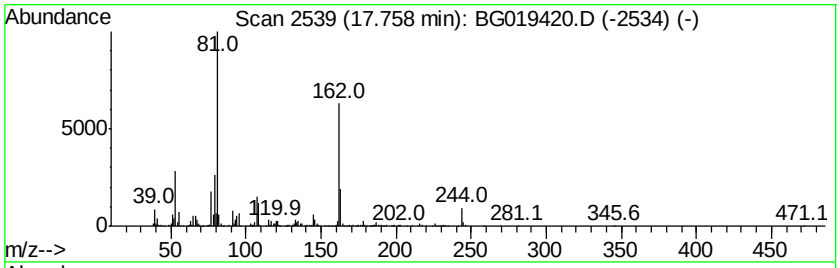
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

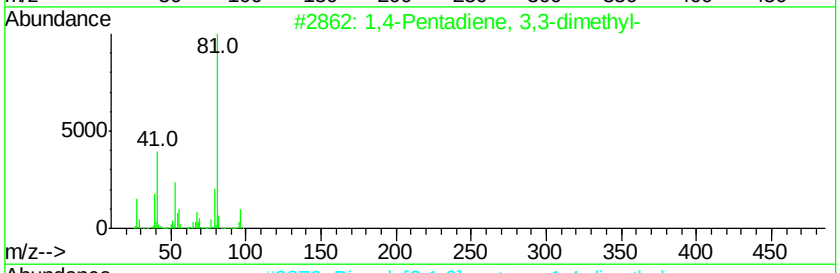
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

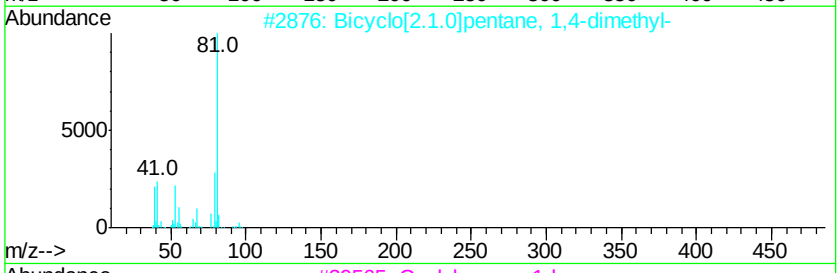
****
Peak Number 67 (DEL) Alkane: Branched17.16 Concentration Rank 19

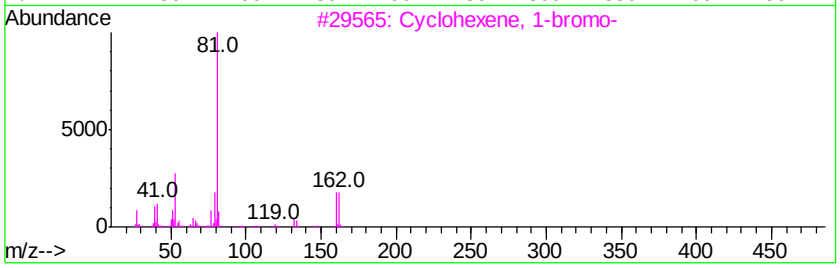
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	28.54 ng/ul	1059750	Phenanthrene-d10	17.58

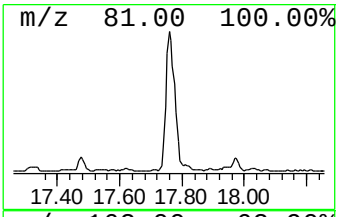
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	43
2	Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	43
3	Cyclohexene, 1-bromo-	160	C6H9Br	002044-08-8	38
4	Cyclohexene, 3-(2-propynyl)-	120	C9H12	055956-43-9	38
5	Isomyocorene	136	C10H16	006876-07-9	38

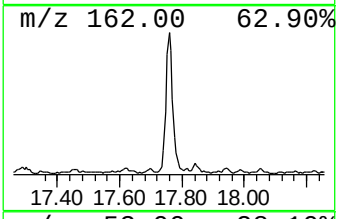


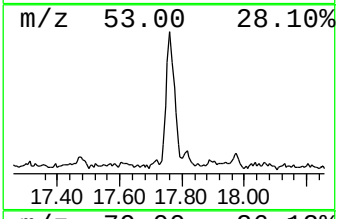


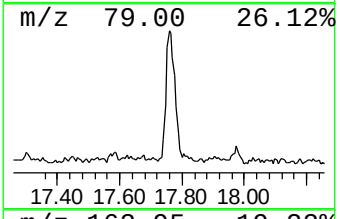


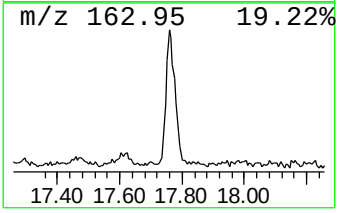












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Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

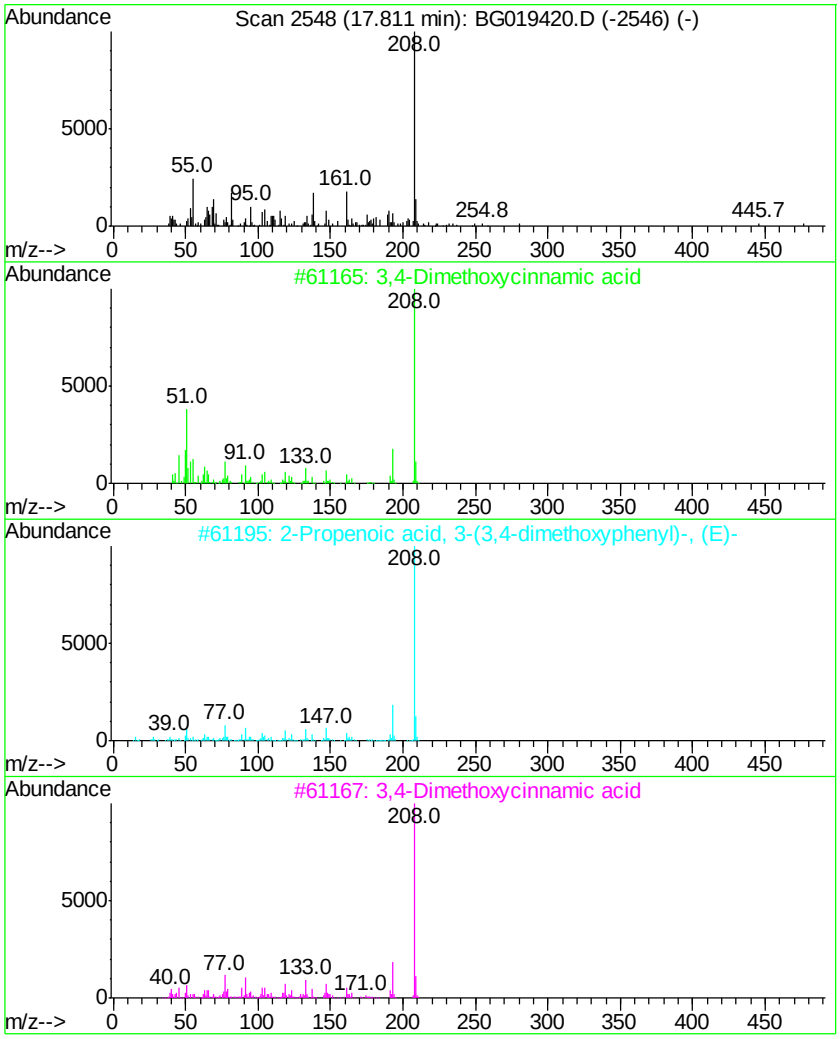
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

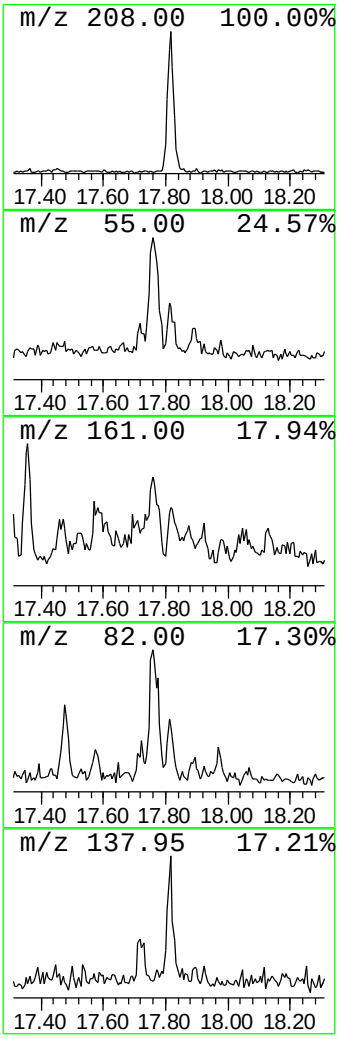
****

Peak Number 68 3,4-Dimethoxycinnamic acid Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	4.94 ng/ul	183440	Phenanthrene-d10	17.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethoxycinnamic acid	208	C11H12O4	002316-26-9	62
2	2-Propenoic acid, 3-(3,4-dimetho...	208	C11H12O4	014737-89-4	58
3	3,4-Dimethoxycinnamic acid	208	C11H12O4	002316-26-9	58
4	Thiourea, N-(2-methylpropyl)-N'-...	208	C11H16N2S	016275-53-9	53
5	Pyrrolidine, 2-(ethoxymethyl)-3-...	267	C14H25N3O2	1000196-47-2	53





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

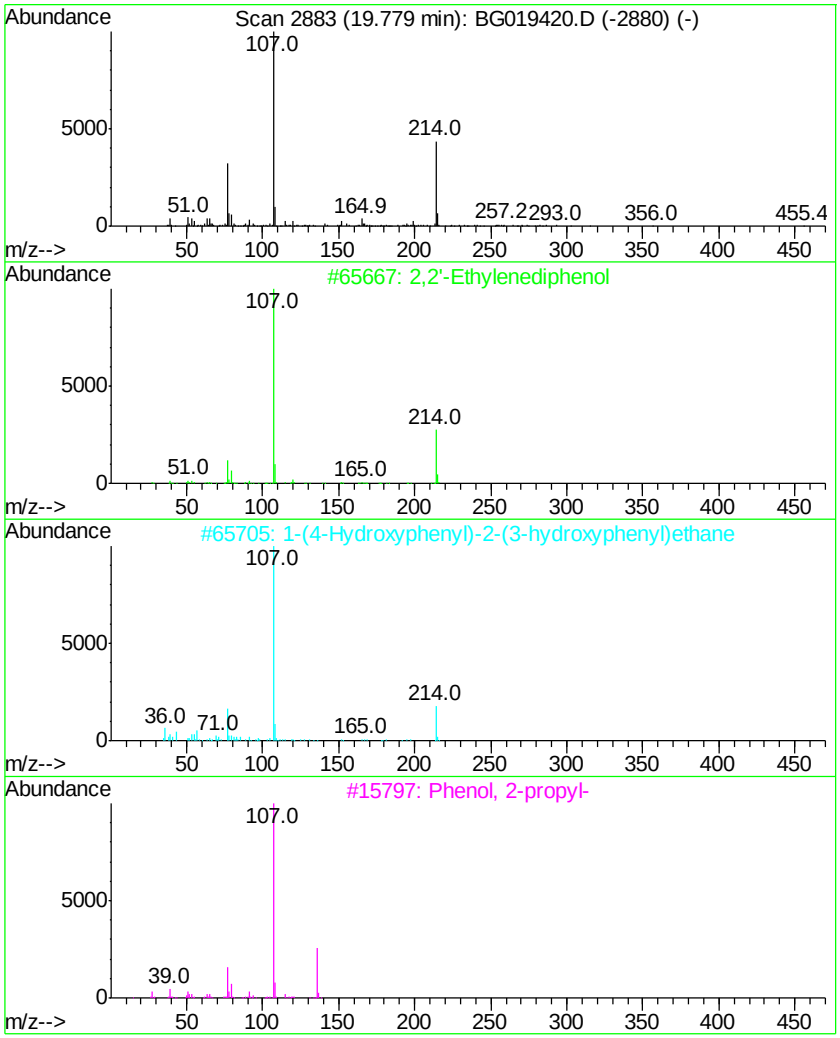
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

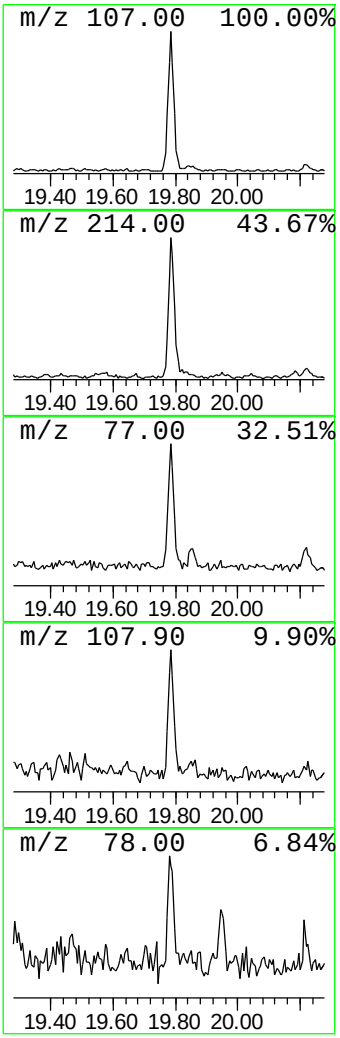
****

Peak Number 69 2,2'-Ethylenediphenol Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	6.06 ng/ul	282542	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Ethylenediphenol	214	C14H14O2	029338-20-3	78
2	1-(4-Hydroxyphenyl)-2-(3-hydroxy...	214	C14H14O2	037116-80-6	72
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	43
4	Phenol, 4-propyl-	136	C9H12O	000645-56-7	43
5	Benzeneethanol, 4-hydroxy-	138	C8H10O2	000501-94-0	43





Tentatively Identified Compound (LSC) summary

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Data File : BG019420.D
Acq On : 29 Oct 2015 16:49
Operator : UM/NP
Sample : G4120-17DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS6DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentanone, 2...	5.34	19.0	ng/ul	329504	1	8.20	346861	20.0
(R)-(+)-3-Methylc...	5.45	9.8	ng/ul	169894	1	8.20	346861	20.0
Cyclopentanone, 2...	6.14	13.3	ng/ul	230667	1	8.20	346861	20.0
Cyclopentanone, 2...	6.91	32.2	ng/ul	557916	1	8.20	346861	20.0
3-Ethylcyclopenta...	7.24	13.8	ng/ul	238446	1	8.20	346861	20.0
(DEL) Alkane: Cyc...	7.59	13.2	ng/ul	228775	1	8.20	346861	20.0
Benzofuran	7.93	28.7	ng/ul	497911	1	8.20	346861	20.0
unknown-01	8.02	10.6	ng/ul	183190	1	8.20	346861	20.0
2-Acetyl-5-methyl...	8.41	8.8	ng/ul	153017	1	8.20	346861	20.0
2-Cyclopenten-1-o...	8.51	72.1	ng/ul	1250770	1	8.20	346861	20.0
Cyclooctanone, 2-...	9.19	14.9	ng/ul	259071	1	8.20	346861	20.0
Benzeneacetaldehyde	9.30	17.9	ng/ul	310369	1	8.20	346861	20.0
(DEL) Alkane: Bra...	9.52	40.5	ng/ul	701526	1	8.20	346861	20.0
Phenol, 2,6-dimet...	9.65	79.7	ng/ul	1462880	2	11.04	367302	20.0
Benzofuran, 2-met...	9.77	39.4	ng/ul	724014	2	11.04	367302	20.0
Phenol, 2-ethyl-	10.00	44.7	ng/ul	821079	2	11.04	367302	20.0
(DEL) Alkane: Bra...	10.30	18.9	ng/ul	347437	2	11.04	367302	20.0
1H-Pyrazole, 1,3,...	10.35	20.8	ng/ul	382632	2	11.04	367302	20.0
Phenol, 3-ethyl-	10.50	406.3	ng/ul	7461910	2	11.04	367302	20.0
Pyridinium, 1-ami...	10.53	198.1	ng/ul	3637850	2	11.04	367302	20.0
Ethanone, 1-(3-me...	10.74	10.1	ng/ul	185371	2	11.04	367302	20.0
Phenol, 3-(1-meth...	10.86	29.4	ng/ul	539643	2	11.04	367302	20.0
Phenol, 3,4-dimet...	10.91	91.1	ng/ul	1673170	2	11.04	367302	20.0
Phenol, 2-propyl-	11.31	23.5	ng/ul	432293	2	11.04	367302	20.0
Phenol, 2-ethyl-6...	11.39	53.9	ng/ul	990142	2	11.04	367302	20.0
Phenol, 2-ethyl-5...	11.48	25.4	ng/ul	467214	2	11.04	367302	20.0
Phenol, 2-(1-meth...	11.58	70.3	ng/ul	1290630	2	11.04	367302	20.0
Phenol, 2,3,6-tri...	11.63	71.2	ng/ul	1306660	2	11.04	367302	20.0
5-Pyrimidinecarbo...	11.70	9.0	ng/ul	165931	2	11.04	367302	20.0
Phenol, 3-propyl-	11.88	442.0	ng/ul	8117220	2	11.04	367302	20.0
Benzoic acid, 3-m...	11.99	8.2	ng/ul	151358	2	11.04	367302	20.0
Phenol, 2,4,6-tri...	12.05	51.3	ng/ul	942724	2	11.04	367302	20.0
(DEL) Alkane: Bra...	17.76	28.5	ng/ul	1059750	4	17.58	742625	20.0
3,4-Dimethoxycinn...	17.81	4.9	ng/ul	183440	4	17.58	742625	20.0
2,2'-Ethylenediph...	19.78	6.1	ng/ul	282542	5	21.86	931748	20.0