LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

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-BG101515.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.188	54	59	77	rVB	327598	513916	1.56%	0.179%
2	6.513	619	625	629	rBV	77801	149110	0.45%	0.052%
3	6.748	659	665	675	rBV	62736	118304	0.36%	0.041%
4	7.183	730	739	751	rVB	57721	139283	0.42%	0.049%
5	7.330	758	764	771	rBV	70964	130343	0.40%	0.045%
6	7.753	828	836	844	rVB5	56021	153249	0.47%	0.053%
7	8.006	875	879	886	rVV	119755	214531	0.65%	0.075%
8	8.094	887	894	903	rVV2	86210	195481	0.59%	0.068%
9	8.611	976	982	985	rBV	64194	124785	0.38%	0.044%
10	8.734	995	1003	1005	rBV2	84807	173057	0.53%	0.060%
11	8.769	1005	1009	1024	rVB4	119101	394518	1.20%	0.138%
12	9.034	1048	1054	1058	rVV3	56112	128876	0.39%	0.045%
13	9.081	1058	1062	1065	rVV3	71669	141040	0.43%	0.049%
14	9.116	1065	1068	1072	rVV3	80279	145502	0.44%	0.051%
15	9.169	1072	1077	1086	rVB4	78269	167058	0.51%	0.058%
16	9.281	1086	1096	1101	rBV8	68422	191670	0.58%	0.067%
17	9.439	1117	1123	1127	rVV	329402	582025	1.77%	0.203%
18	9.486	1127	1131	1138	rVV5	135712	382350	1.16%	0.133%
19	9.551	1138	1142	1152	rVV4	128473	303995	0.92%	0.106%
20	9.792	1175	1183	1193	rVB5	136623	330127	1.00%	0.115%
21	9.921	1194	1205	1213	rBV10	143535	507445	1.54%	0.177%
22	10.009	1213	1220	1222	rVV	520625	1030309	3.13%	0.360%
23	10.038	1222	1225	1232	rVV	584721	1072609	3.26%	0.374%
24	10.115	1232	1238	1247	rVB4	178787	475952	1.45%	0.166%
25	10.326	1266	1274	1290	rVB	552277	1392258	4.23%	0.486%
26	10.479	1290	1300	1305	rBV	993190	2310807	7.03%	0.807%
27	10.650	1317	1329	1335	rBV4	251187	769536	2.34%	0.269%
28	10.720	1335	1341	1350	rVB3	814890	1903784	5.79%	0.664%
29	10.867	1361	1366	1373	rBV	275242	509250	1.55%	0.178%
30	10.973	1378	1384	1394	rVB	507997	903231	2.75%	0.315%
31	11.067	1395	1400	1404	rBV3	108777	243545	0.74%	0.085%
32	11.202	1414	1423	1432	rBV4	568879	1867718	5.68%	0.652%
33	11.290	1432	1438	1443	rVV	294161	577595	1.76%	0.202%
34	11.390	1443	1455	1464	rVV	1285234	3905261	11.88%	1.363%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

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-BG101515.M
Title : SVOA CALIBRATION

35	11.466	1464	1468	1477	rVB	399529	833668	2.54%	0.291%
36	11.548	1478	1482	1486	rBV5	92934	161272	0.49%	0.056%
37	11.707	1498	1509	1518	rBV	1076224	3339952	10.16%	1.166%
38	11.883	1525	1539	1543	rBV	988604	2710770	8.25%	0.946%
39	11.942	1543	1549	1553	rVV	1015606	2151772	6.55%	0.751%
40	11.995	1553	1558	1569	rVB3	1315156	2893113	8.80%	1.010%
41	12.154	1578	1585	1589	rBV7	125960	305298	0.93%	0.107%
42	12.236	1589	1599	1604	rVB	1161660	2480401	7.54%	0.866%
43	12.295	1604	1609	1614	rBV4	198569	371084	1.13%	0.130%
44	12.365	1614	1621	1626	rBV2	646579	1377313	4.19%	0.481%
45	12.412	1626	1629	1633	rVB	266772	377127	1.15%	0.132%
46	12.477	1633	1640	1645	rBV3	673949	1406041	4.28%	0.491%
47	12.565	1645	1655	1661	rVV6	1047944	2960549	9.01%	1.033%
48	12.653	1661	1670	1674	rVV3	852385	2493058	7.58%	0.870%
49	12.706	1674	1679	1686	rVB4	688340	1757887	5.35%	0.614%
50	12.806	1692	1696	1700	rBV5	184806	351072	1.07%	0.123%
51	12.859	1701	1705	1707	rBV2	262628	398819	1.21%	0.139%
52	12.900	1707	1712	1720	rVV5	699127	1913567	5.82%	0.668%
53	13.053	1735	1738	1743	rVB2	494248	737617	2.24%	0.257%
54	13.158	1743	1756	1762	rBV4	1387877	4922986	14.97%	1.718%
55	13.270	1770	1775	1783	rVB4	593364	1251469	3.81%	0.437%
56	13.382	1785	1794	1802	rBV8	674084	2157324	6.56%	0.753%
57	13.476	1804	1810	1814	rBV3	1579390	2779037	8.45%	0.970%
58	13.576	1824	1827	1830	rBV2	353815	601416	1.83%	0.210%
59	13.646	1835	1839	1844	rVB3	707302	1162751	3.54%	0.406%
60	13.816	1862	1868	1869	rBV2	1101383	1609705	4.90%	0.562%
61	13.869	1873	1877	1889	rVV6	1973120	6534395	19.88%	2.281%
62	13.975	1889	1895	1900	rVB5	1175249	2459660	7.48%	0.859%
63	14.040	1900	1906	1914	rBV6	2683448	6243522	18.99%	2.179%
64	14.145	1914	1924	1928	rVV8	589259	1879301	5.72%	0.656%
65	14.204	1929	1934	1944	rVB8	799508	1979399	6.02%	0.691%
66	14.292	1944	1949	1954	rBV3	1009087	1641895	4.99%	0.573%
67	14.897	2036	2052	2055	rBV	7876280	28180058	85.72%	9.836%
68	15.068	2074	2081	2090	rBV6	3273648	9067579	27.58%	3.165%
69	15.180	2097	2100	2103	rBV3	477575	631223	1.92%	0.220%
70	15.227	2104	2108	2113	rVB2	1620341	2331384	7.09%	0.814%
71	15.297	2114	2120	2124	rBV7	1078450	2508718	7.63%	0.876%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

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-BG101515.M
Title : SVOA CALIBRATION

72	15.702	2171	2189	2192	rBV	7957839	32875788	100.00%	11.475%
73	15.726	2192	2193	2198	rVB2	1521646	1450629	4.41%	0.506%
74	15.926	2224	2227	2230	rBV	846360	1166877	3.55%	0.407%
75	16.008	2235	2241	2247	rVB6	1582501	3896574	11.85%	1.360%
76	16.196	2265	2273	2282	rVB9	1626451	5674637	17.26%	1.981%
77	16.454	2314	2317	2320	rBV2	597555	945472	2.88%	0.330%
78	16.496	2320	2324	2329	rVV3	1973024	3574245	10.87%	1.248%
79	16.566	2331	2336	2346	rVB5	2521579	5778377	17.58%	2.017%
80	16.784	2369	2373	2377	rBV3	1636583	2622821	7.98%	0.915%
81	17.277	2452	2457	2470	rVB5	2583227	7449798	22.66%	2.600%
82	17.430	2473	2483	2487	rBV	3507300	7593680	23.10%	2.651%
83	17.500	2489	2495	2504	rVB2	3578616	8999148	27.37%	3.141%
84	17.577	2505	2508	2512	rBV	884001	1192372	3.63%	0.416%
85	17.853	2550	2555	2559	rBV	2217942	3467101	10.55%	1.210%
86	18.370	2638	2643	2650	rVB4	3424652	9125203	27.76%	3.185%
87	18.593	2677	2681	2693	rVB4	1833526	5556657	16.90%	1.940%
88	18.717	2697	2702	2707	rVV	2354743	3892485	11.84%	1.359%
89	19.216	2784	2787	2790	rBV2	1723325	2071289	6.30%	0.723%
90	19.492	2829	2834	2844	rBV2	2526407	6066685	18.45%	2.118%
91	19.774	2877	2882	2888	rVB3	2135591	4604462	14.01%	1.607%
92	20.796	3052	3056	3070	rVB4	3281035	8329784	25.34%	2.907%
93	21.337	3144	3148	3157	rVB3	1779142	2721326	8.28%	0.950%
94	21.490	3170	3174	3180	rVB2	3199821	4765775	14.50%	1.663%
95	21.848	3230	3235	3245	rVB2	3701573	6914989	21.03%	2.414%
96	22.536	3345	3352	3360	rVB	2988906	6216184	18.91%	2.170%
97	22.647	3366	3371	3376	rVB	1453190	3004186	9.14%	1.049%
98	22.700	3377	3380	3388	rVB2	793127	1238891	3.77%	0.432%
99	23.135	3450	3454	3463	rVB2	1350758	2825437	8.59%	0.986%
100	24.098	3613	3618	3626	rVB	1498980	3367173	10.24%	1.175%

Sum of corrected areas: 286498767

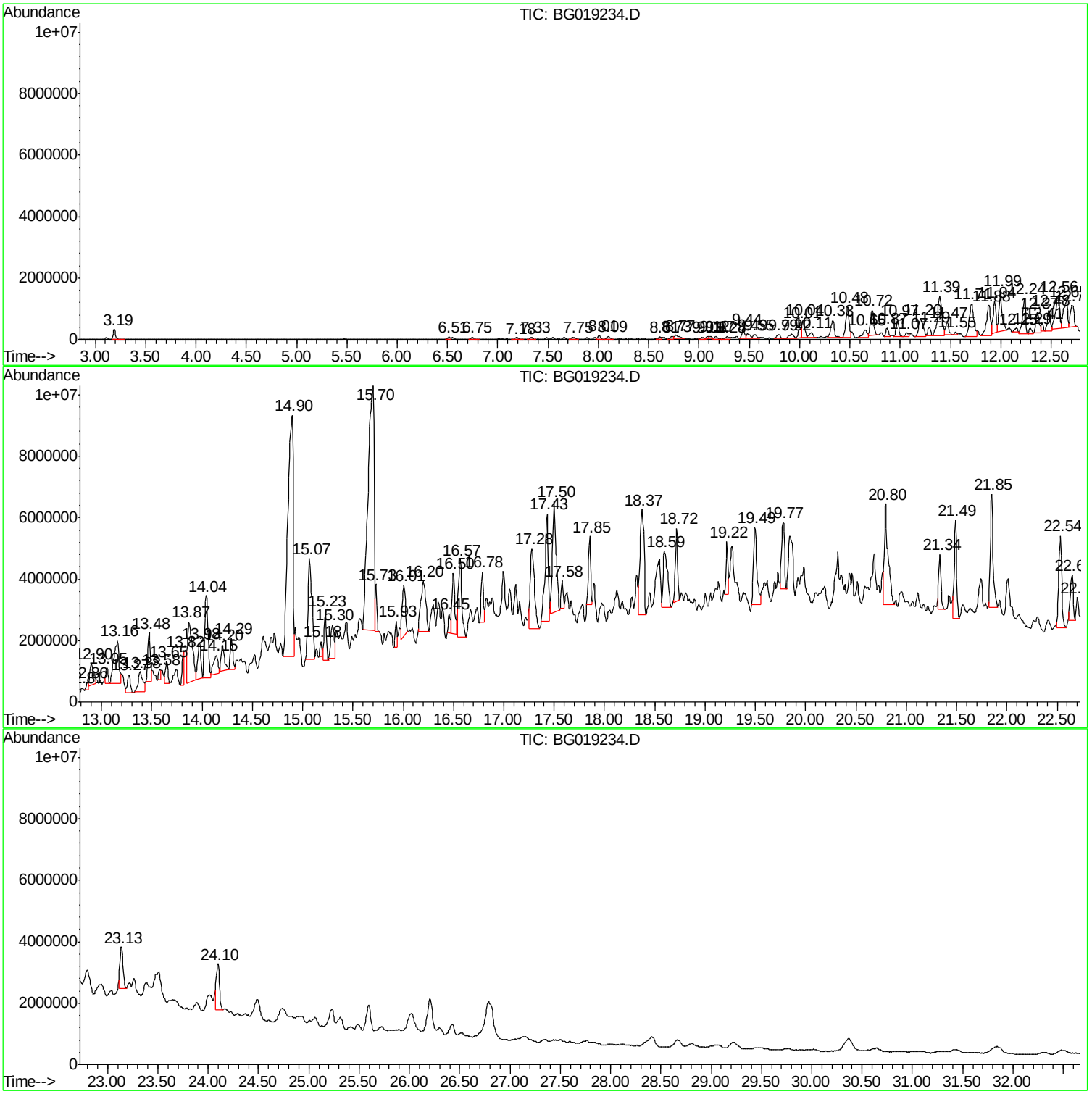
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

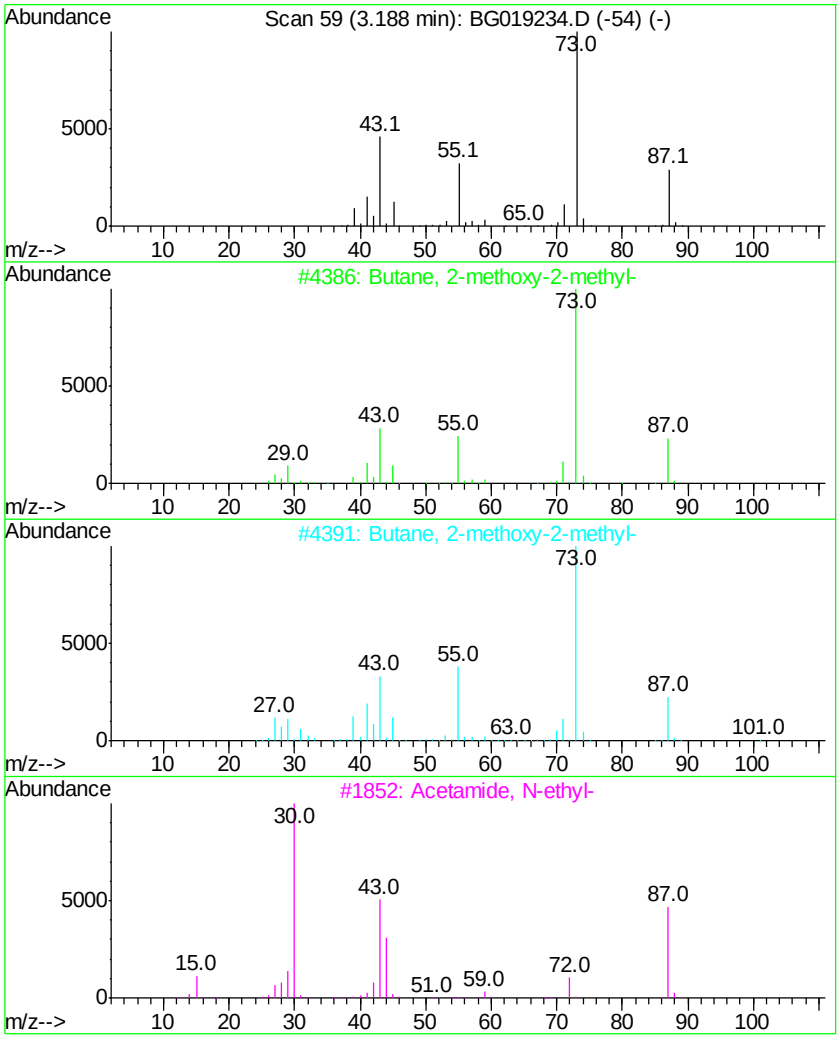
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

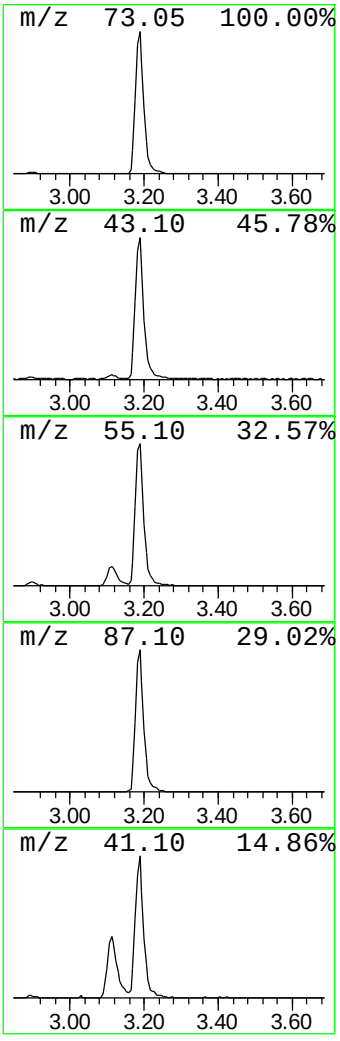
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	47.91 ng/ul	513916	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

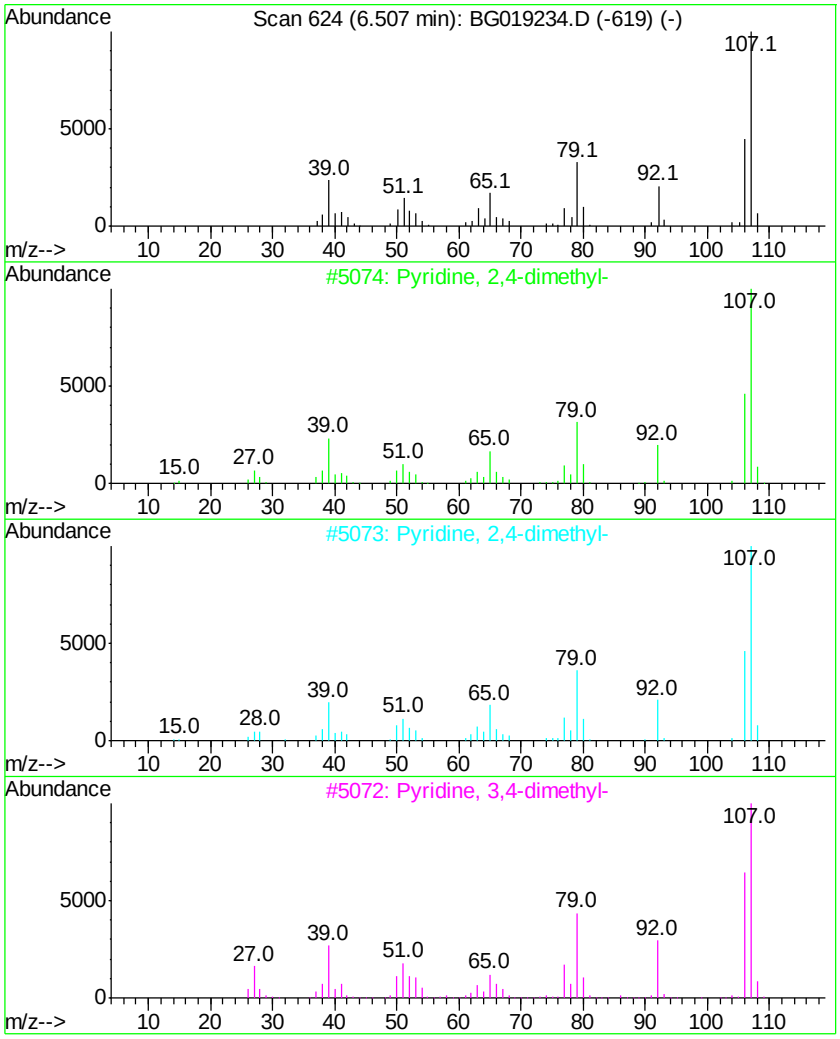
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

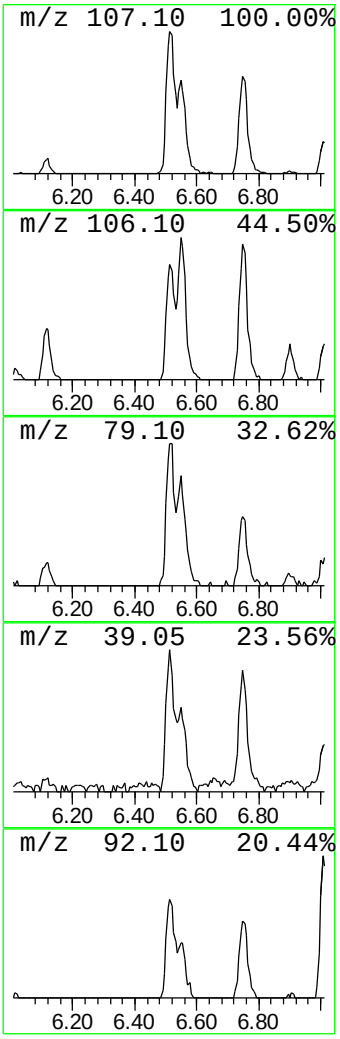
****

Peak Number 2 Pyridine, 2,4-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	13.90 ng/ul	149110	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	96
2	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	96
3	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	91
4	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	91
5	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

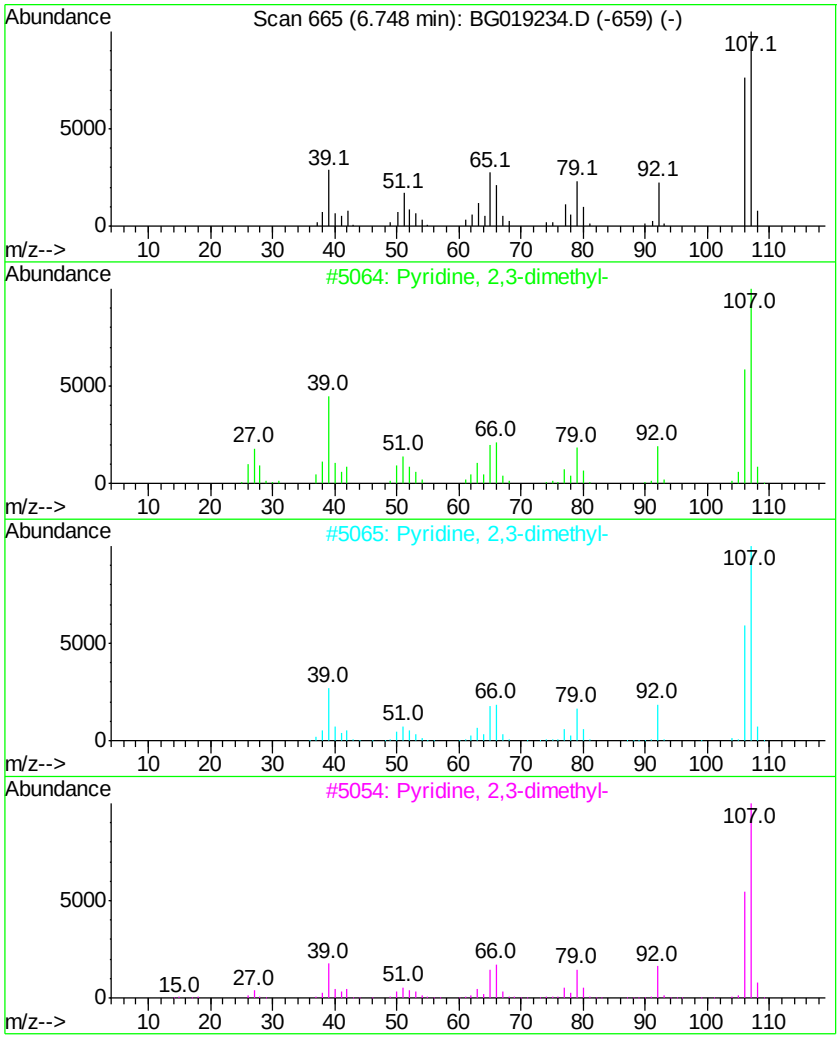
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

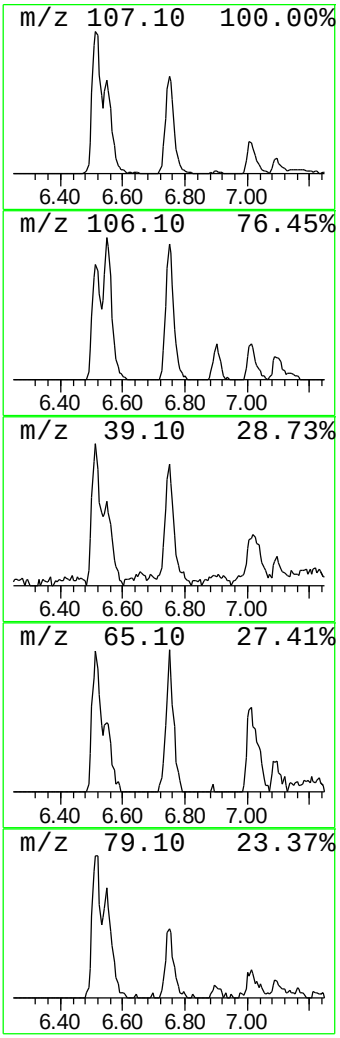
****

Peak Number 3 Pyridine, 2,3-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	11.03 ng/ul	118304	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	95
2	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	94
3	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	87
4	Pyridine, 4-ethyl-	107	C7H9N	000536-75-4	70
5	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

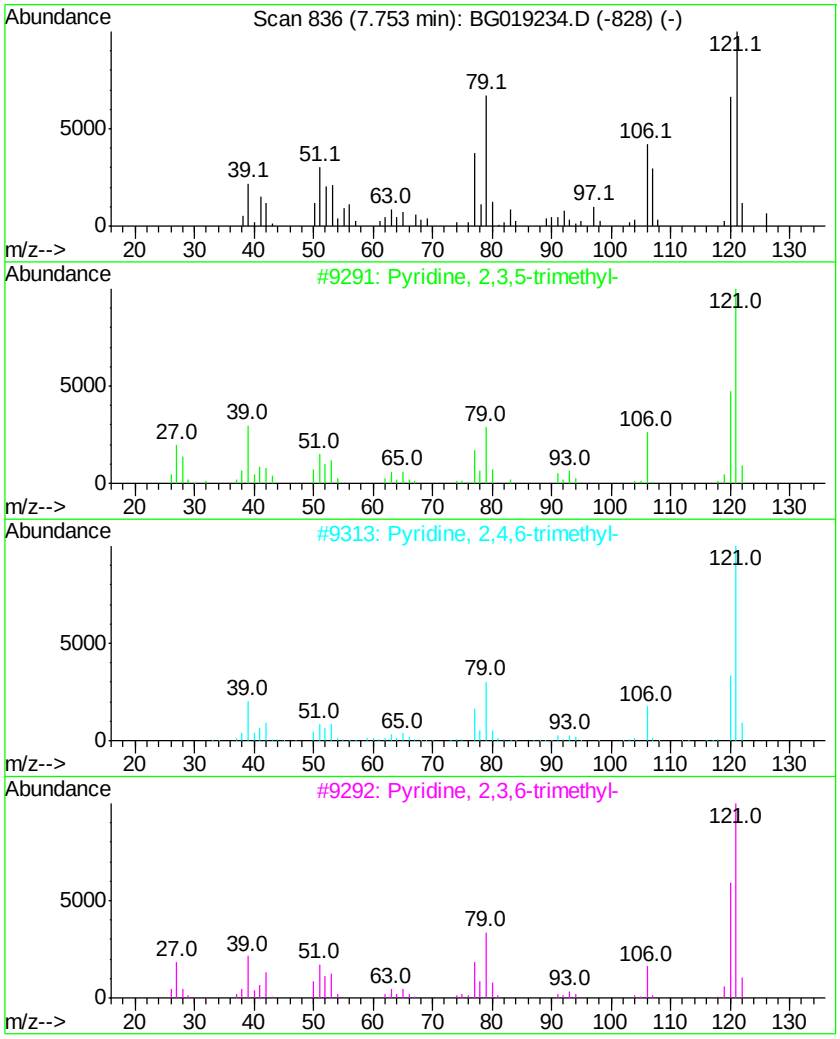
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

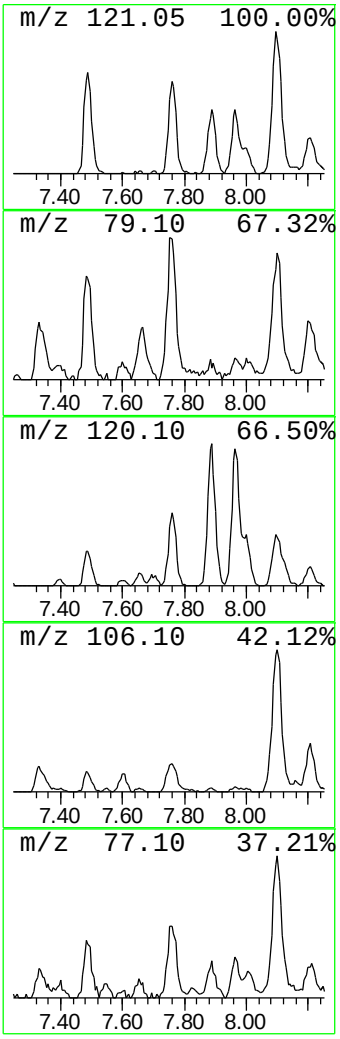
****

Peak Number 4 Pyridine, 2,3,5-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	14.29 ng/ul	153249	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,3,5-trimethyl-	121	C8H11N	000695-98-7	62
2	Pyridine, 2,4,6-trimethyl-	121	C8H11N	000108-75-8	60
3	Pyridine, 2,3,6-trimethyl-	121	C8H11N	001462-84-6	58
4	1,2-Dimethyl-5-vinylpyrrole	121	C8H11N	075275-61-5	58
5	Pyridine, 2,3,6-trimethyl-	121	C8H11N	001462-84-6	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

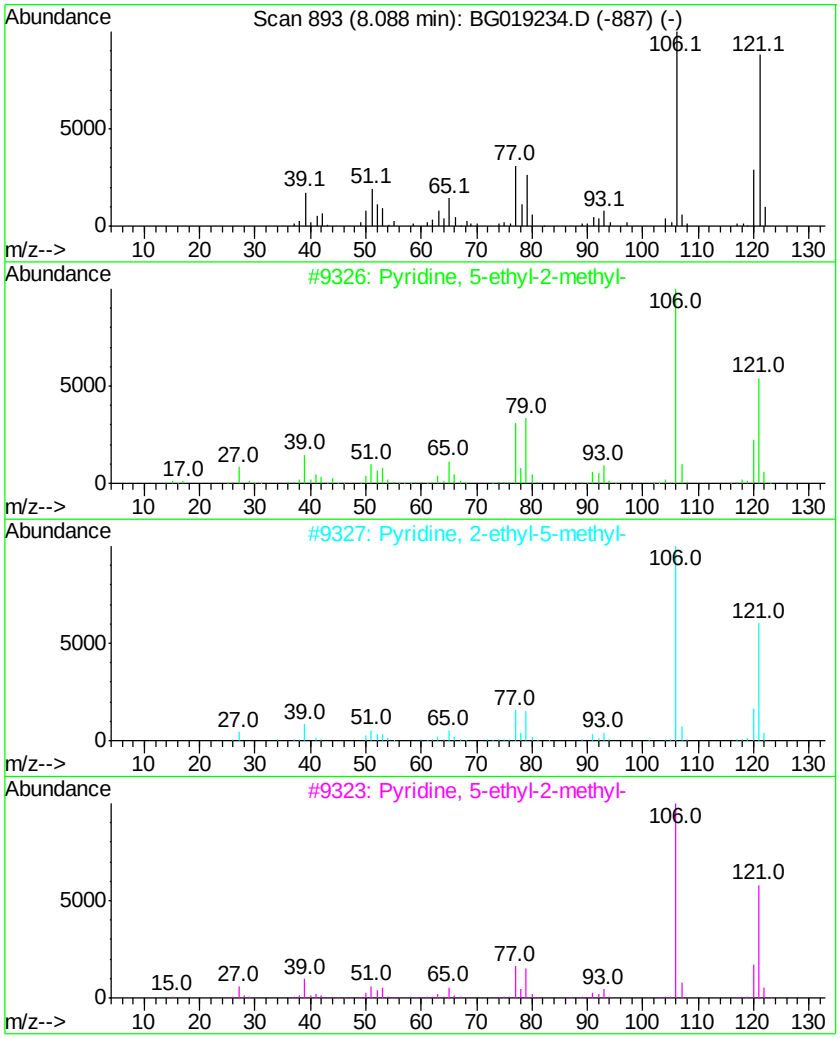
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

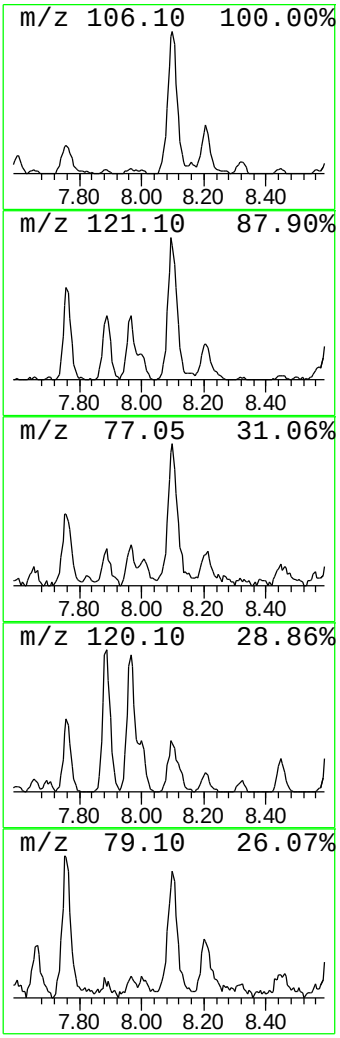
****

Peak Number 5 Pyridine, 5-ethyl-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	18.22 ng/ul	195481	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 5-ethyl-2-methyl-	121	C8H11N	000104-90-5	93
2	Pyridine, 2-ethyl-5-methyl-	121	C8H11N	018113-81-0	91
3	Pyridine, 5-ethyl-2-methyl-	121	C8H11N	000104-90-5	91
4	Benzenamine, 3,5-dimethyl-	121	C8H11N	000108-69-0	90
5	Benzenamine, 3,5-dimethyl-	121	C8H11N	000108-69-0	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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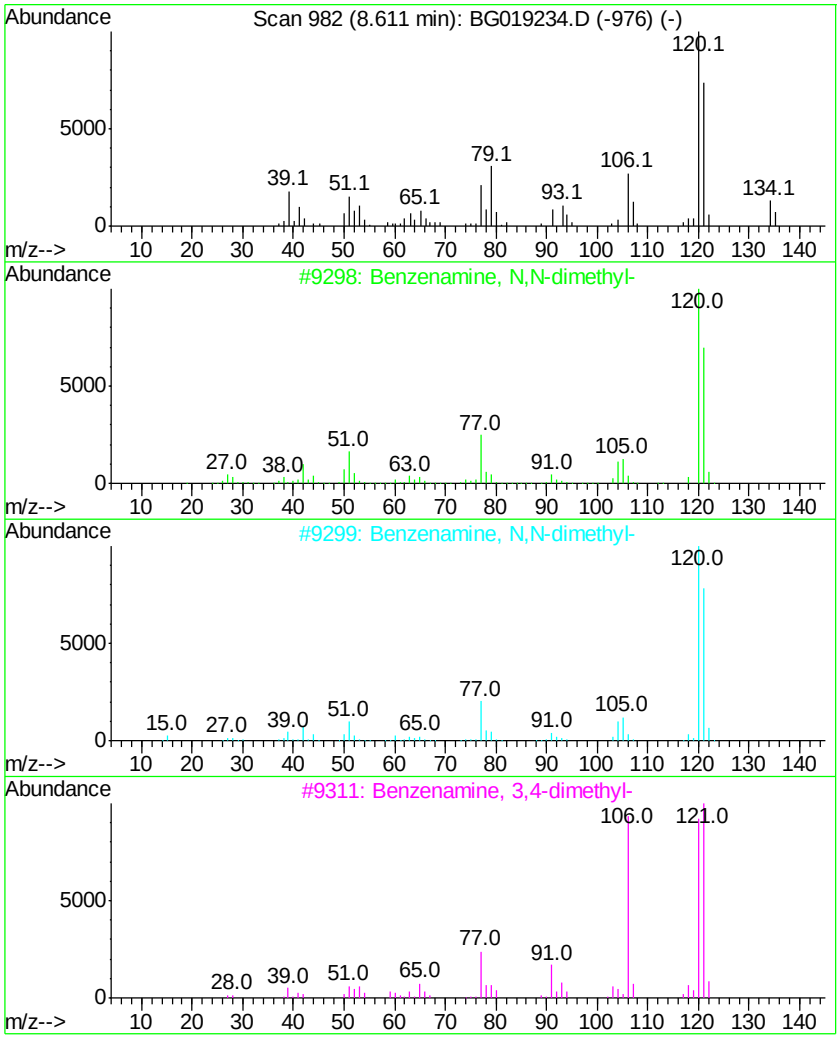
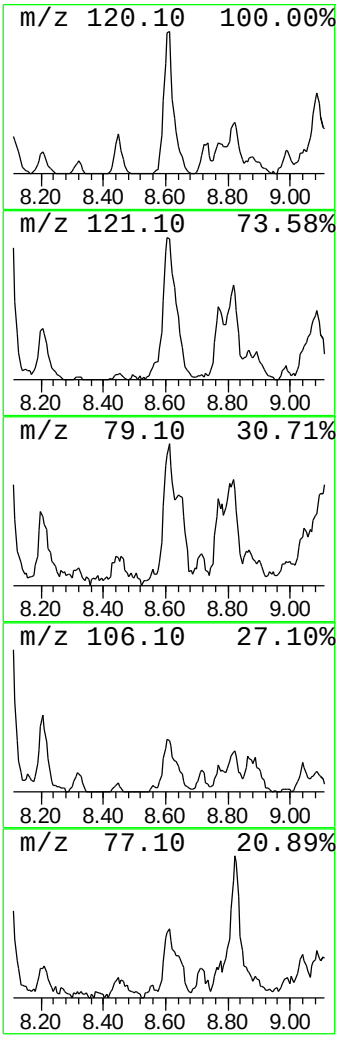
Peak Number 6 Benzenamine, N,N-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	11.63 ng/ul	124785	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N,N-dimethyl-	121	C8H11N	000121-69-7	64
2	Benzenamine, N,N-dimethyl-	121	C8H11N	000121-69-7	59
3	Benzenamine, 3,4-dimethyl-	121	C8H11N	000095-64-7	58
4	Pyridine, 2-ethyl-6-methyl-	121	C8H11N	001122-69-6	53
5	Benzenamine, N,4-dimethyl-	121	C8H11N	000623-08-5	53





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Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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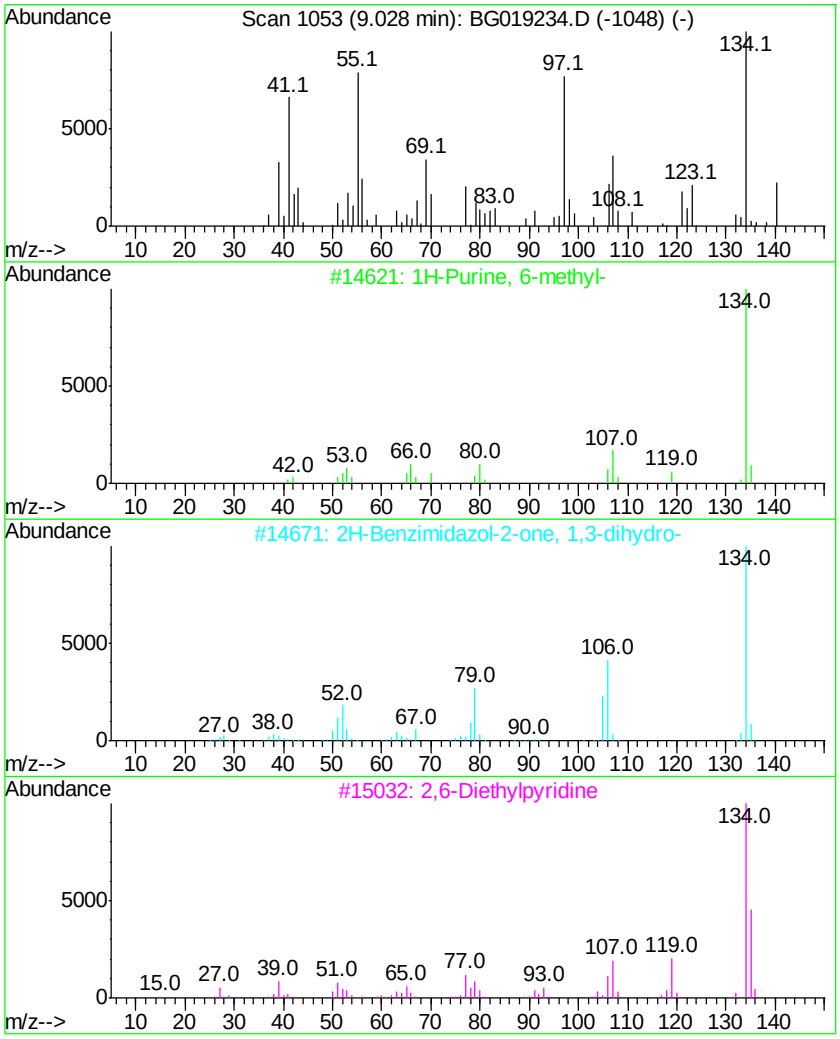
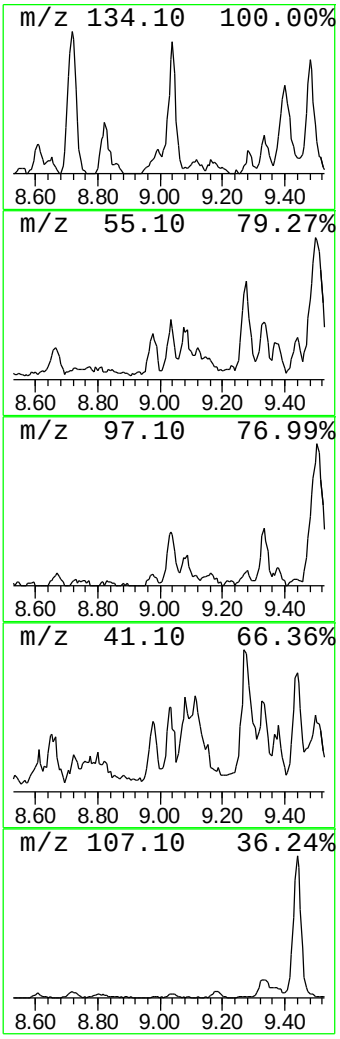
Peak Number 7 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	12.01 ng/ul	128876	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Purine, 6-methyl-	134	C6H6N4	002004-03-7	43
2	2H-Benzimidazol-2-one, 1,3-dihydro-	134	C7H6N2O	000615-16-7	38
3	2,6-Diethylpyridine	135	C9H13N	000935-28-4	37
4	s-Triazolo[1,5-a]pyridine, 6-amino-	134	C6H6N4	031052-94-5	35
5	1,2,4-Triazolo[4,3-b]pyridazine,...	134	C6H6N4	023069-75-2	35





Library Search Compound Report

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Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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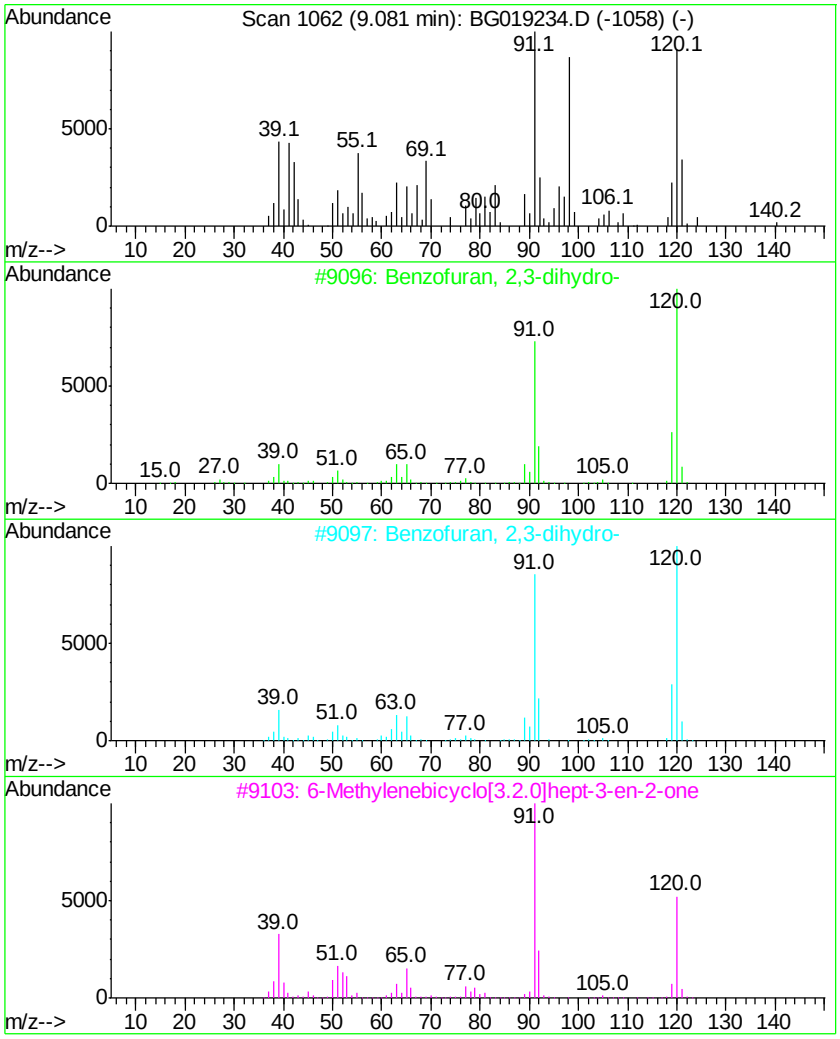
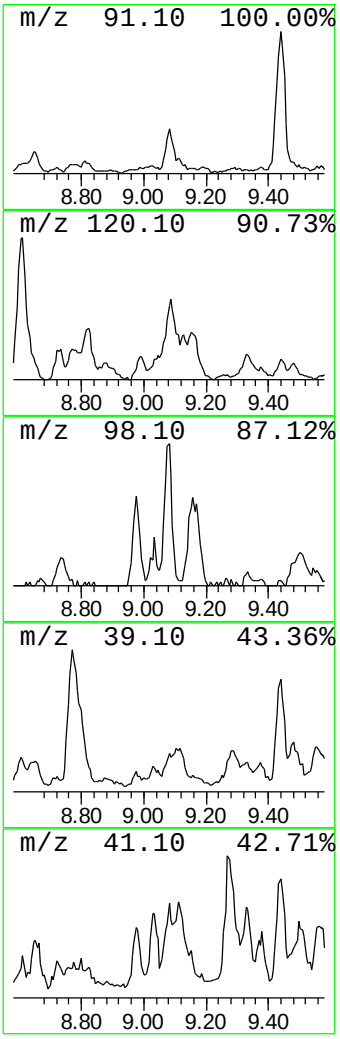
Peak Number 8 unknown-02 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	13.15 ng/ul	141040	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	45
2	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	38
3	6-Methylenebicyclo[3.2.0]hept-3-...	120	C8H8O	1000211-11-9	35
4	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	30
5	2-tert-Butylcyclohexanone	154	C10H18O	001728-46-7	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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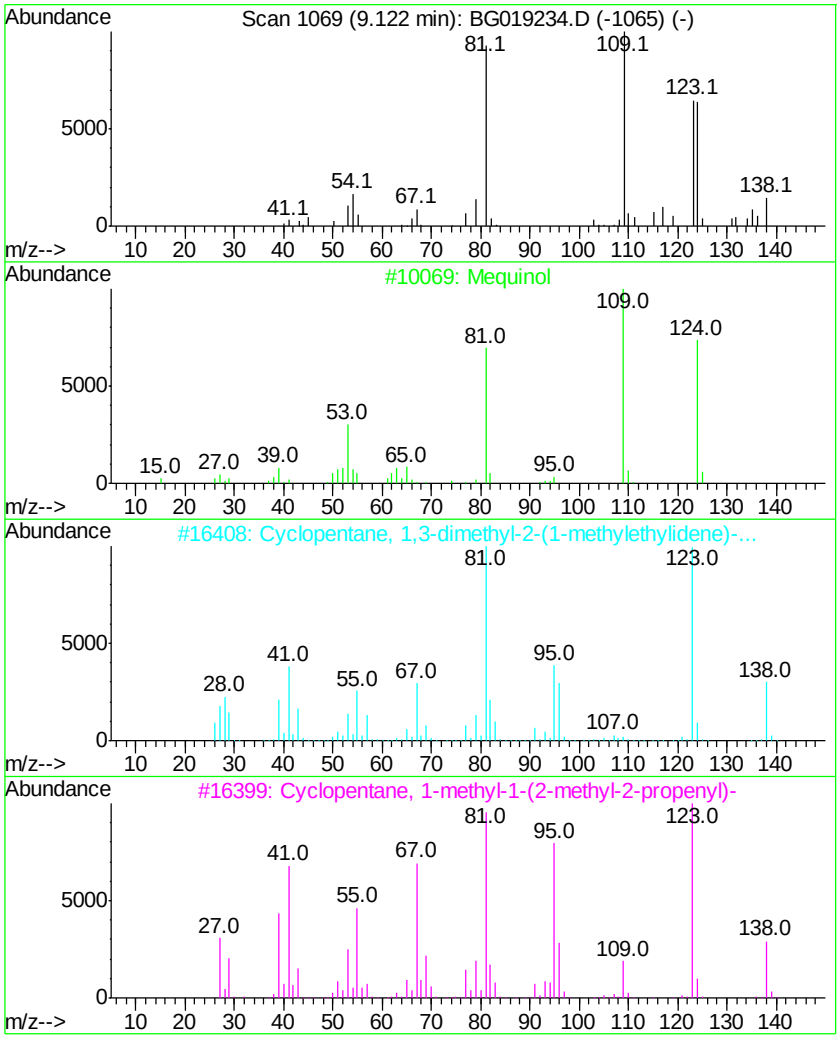
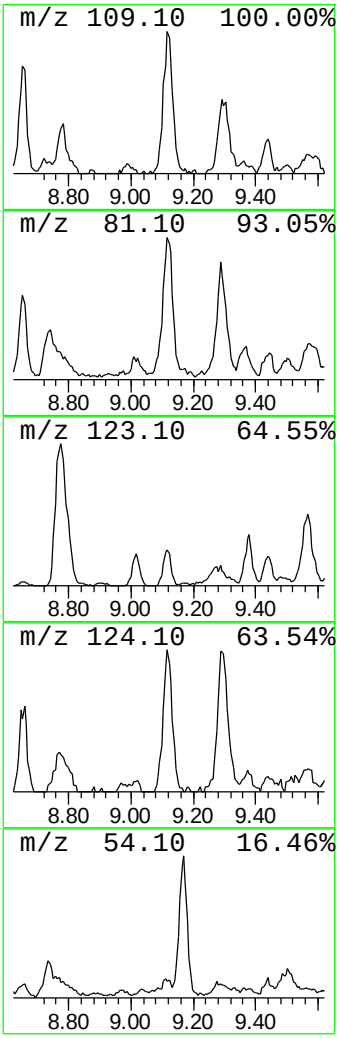
Peak Number 9 Mequinol Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	13.56 ng/ul	145502	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mequinol	124	C7H8O2	000150-76-5	50
2	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-30-1	38
3	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	38
4	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	38
5	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	35





Library Search Compound Report

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Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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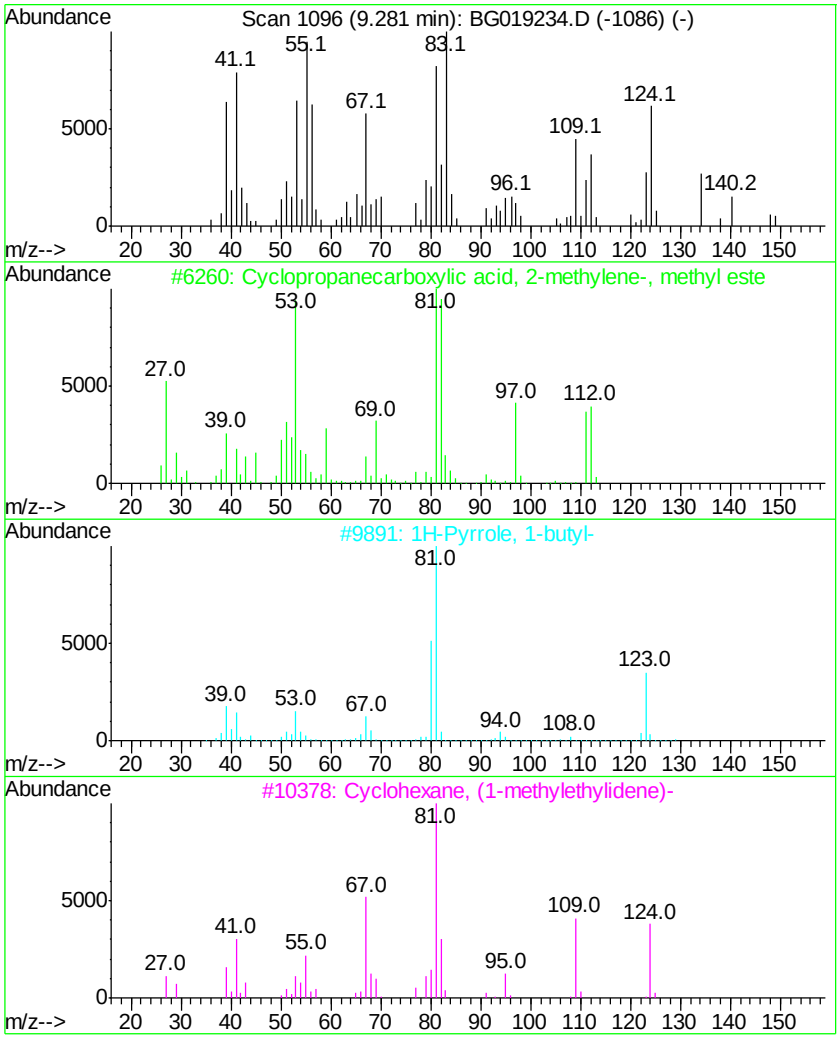
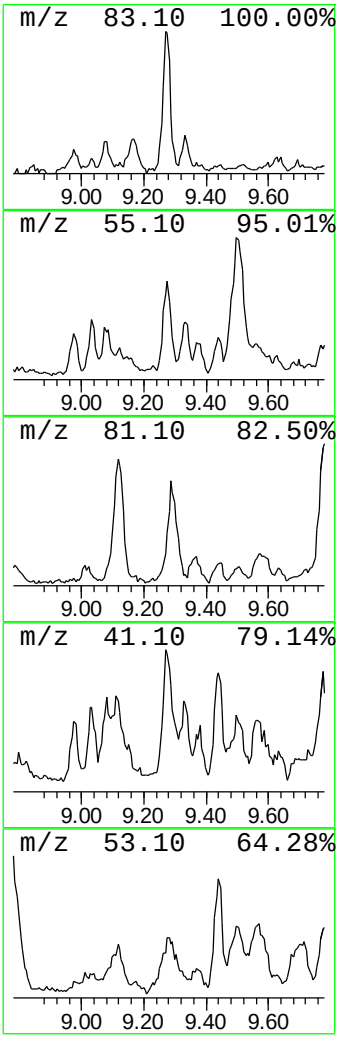
Peak Number 10 unknown-03 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	17.87 ng/ul	191670	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid, 2-m...	112	C6H8O2	088787-23-9	43
2	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	43
3	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	38
4	(5-Methylcyclopent-1-enyl)methanol	112	C7H12O	088125-84-2	38
5	2-Octyne	110	C8H14	002809-67-8	38





Library Search Compound Report

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Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

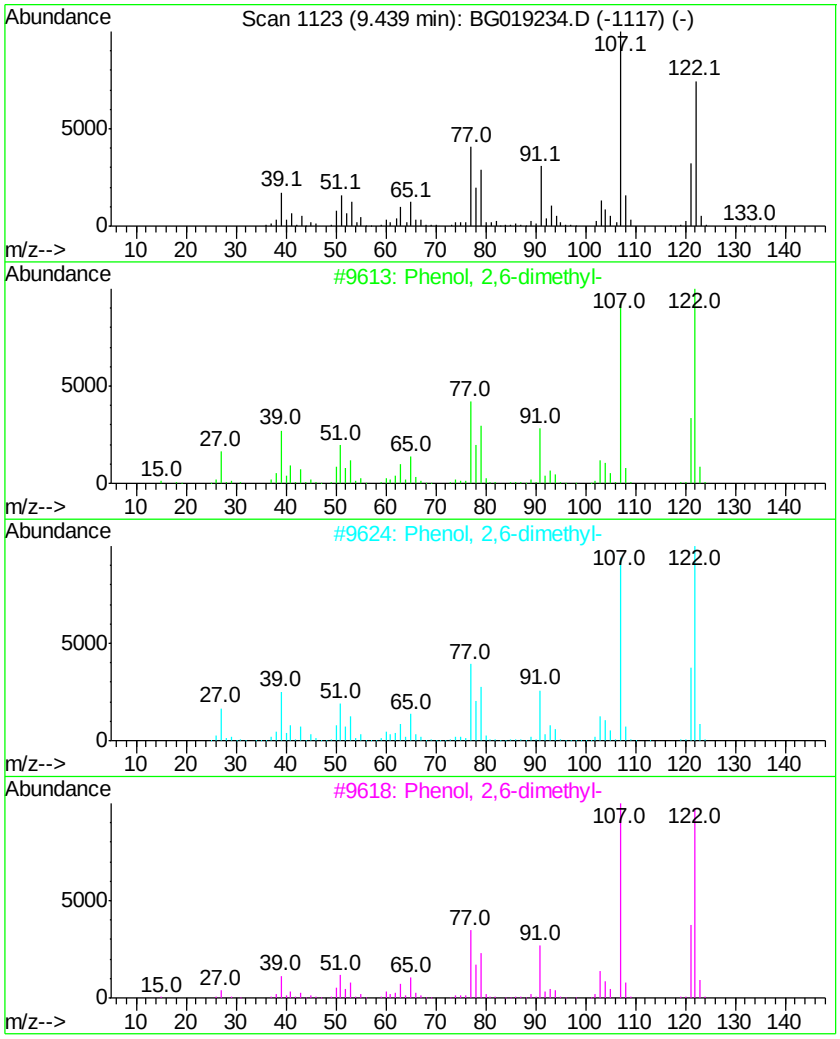
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

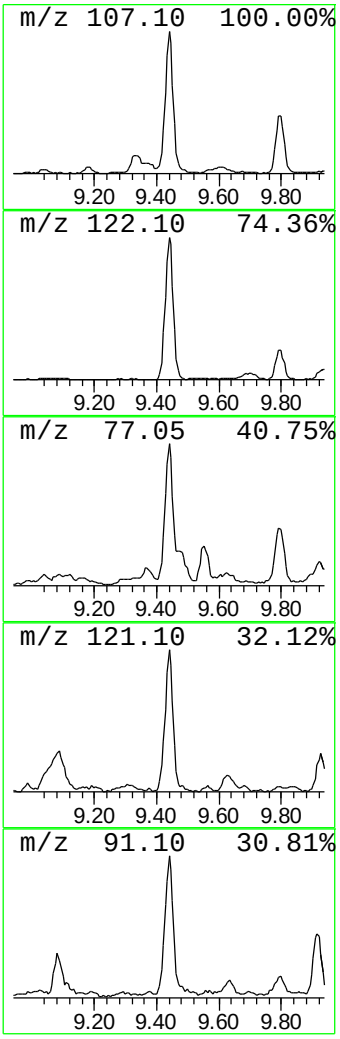
****

Peak Number 11 Phenol, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	22.86 ng/ul	582025	Naphthalene-d8	10.81

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





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Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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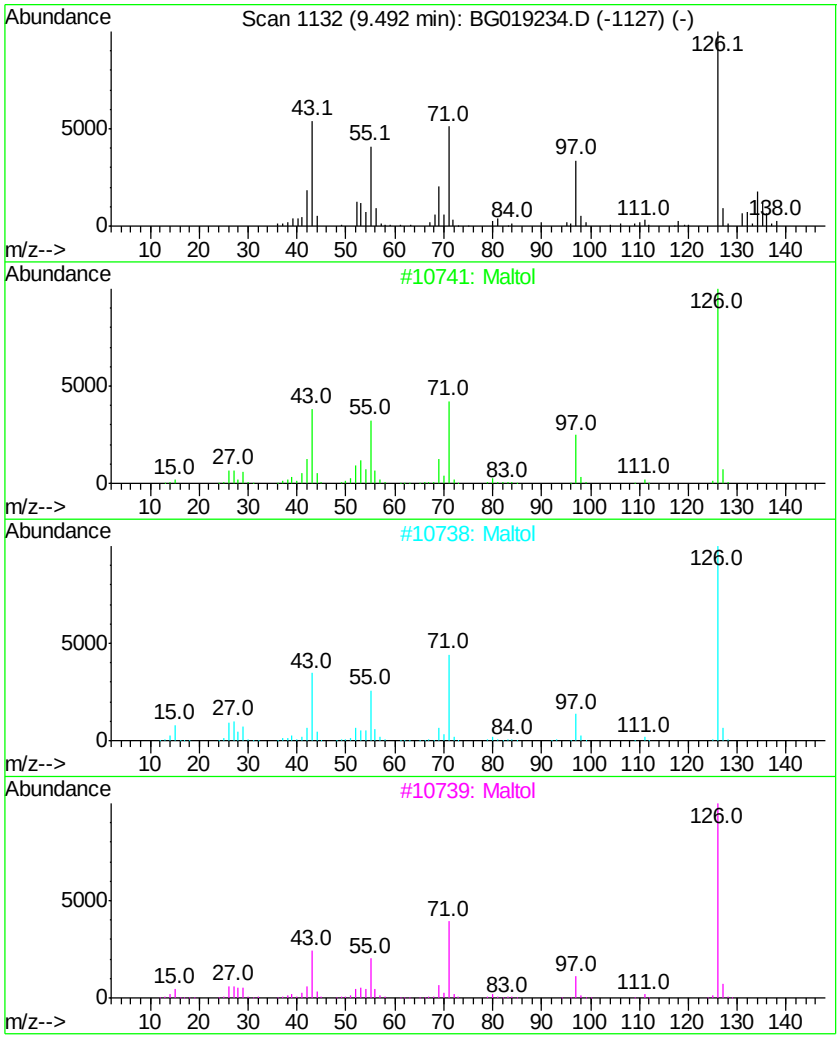
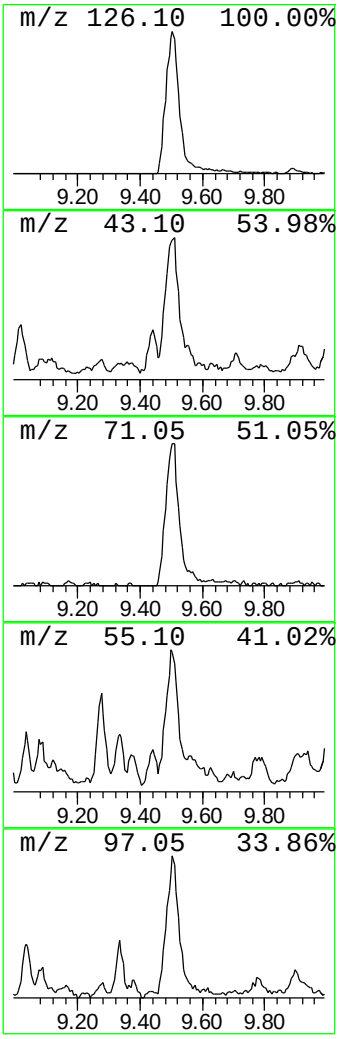
Peak Number 12 Maltol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	15.02 ng/ul	382350	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Maltol	126	C6H6O3	000118-71-8	60
2	Maltol	126	C6H6O3	000118-71-8	49
3	Maltol	126	C6H6O3	000118-71-8	46
4	4,5-Diamino-6-hydroxypyrimidine	126	C4H6N4O	001672-50-0	32
5	4,5-Diamino-6-hydroxypyrimidine	126	C4H6N4O	001672-50-0	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
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Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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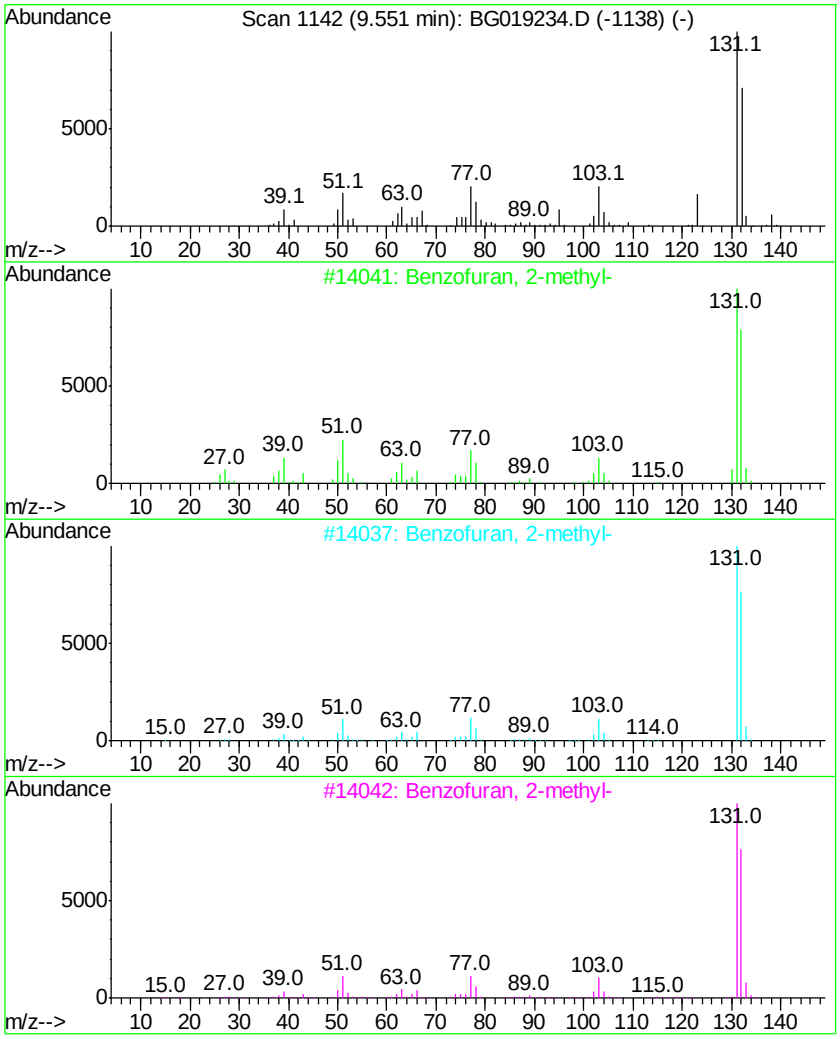
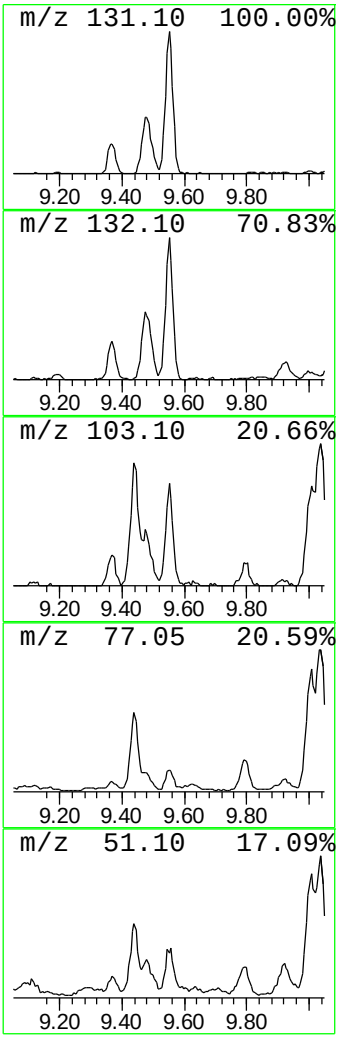
Peak Number 13 Benzofuran, 2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	11.94 ng/ul	303995	Naphthalene-d8	10.81

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	87
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	64
5	Benzonitrile, 2-(methylamino)-	132	C8H8N2	017583-40-3	59





Library Search Compound Report

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Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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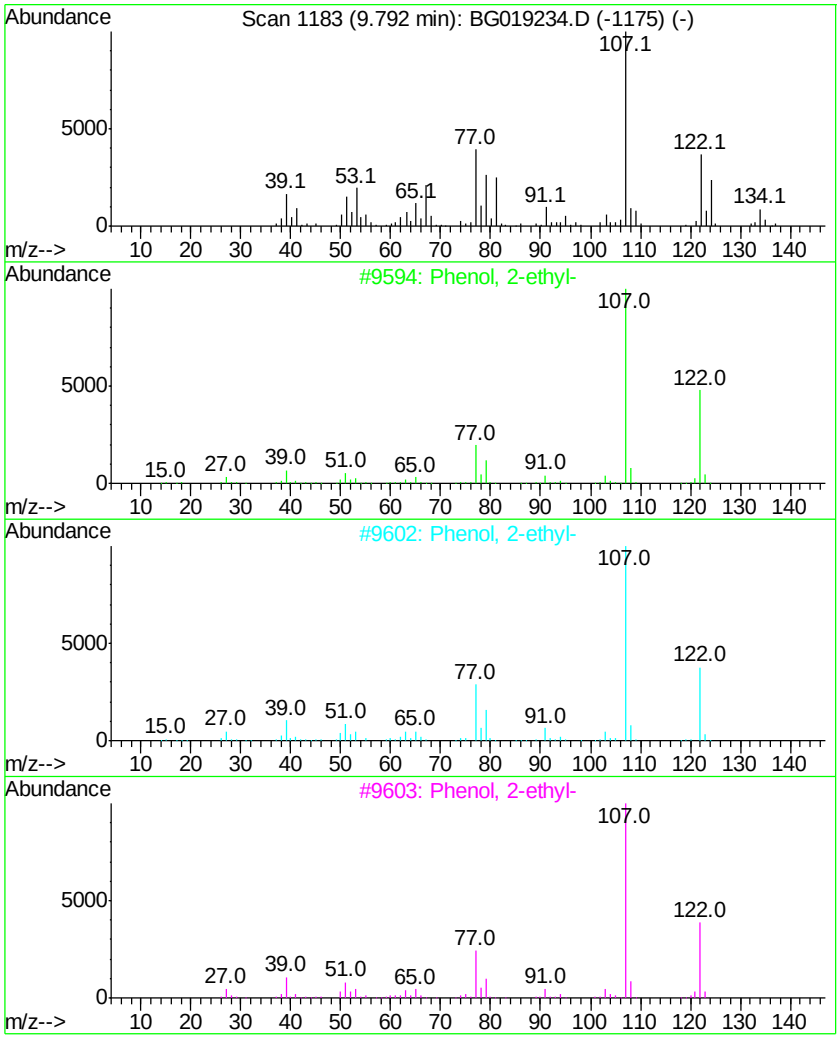
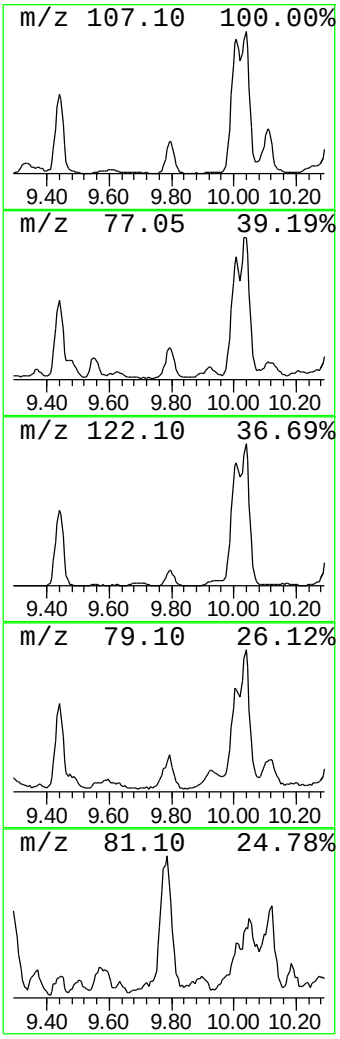
Peak Number 14 Phenol, 2-ethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	12.97 ng/ul	330127	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	86
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	70
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	64
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	58
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	58





Library Search Compound Report

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Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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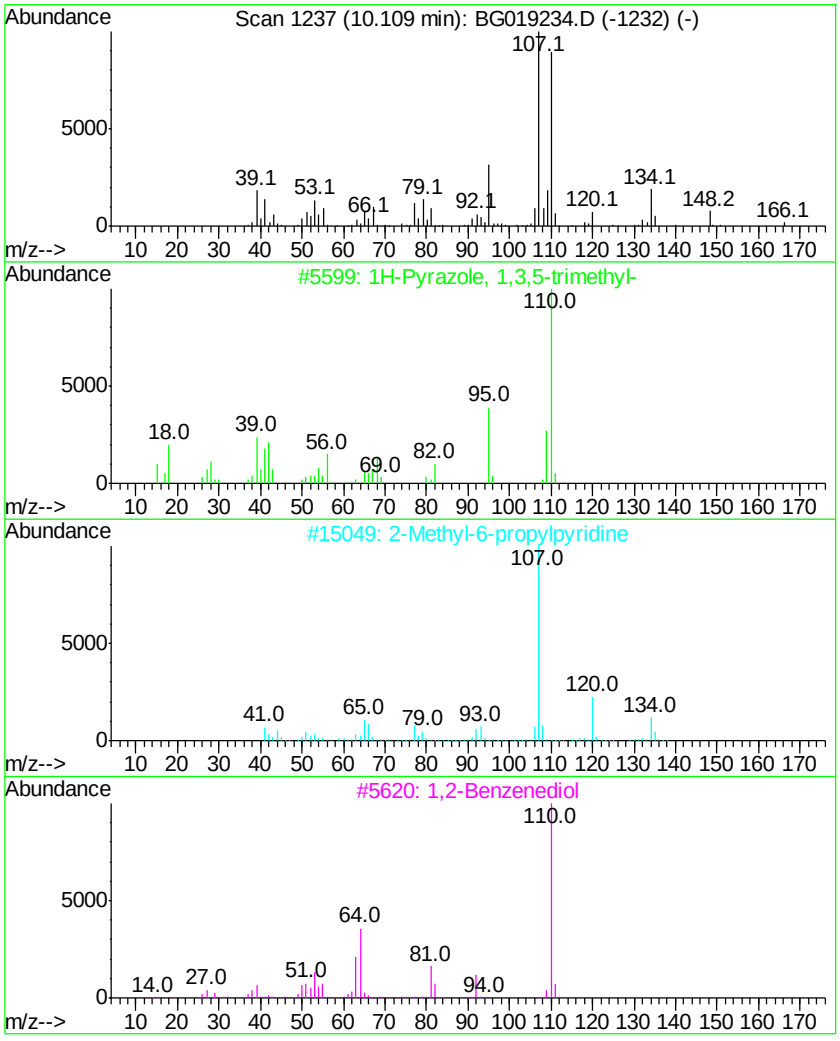
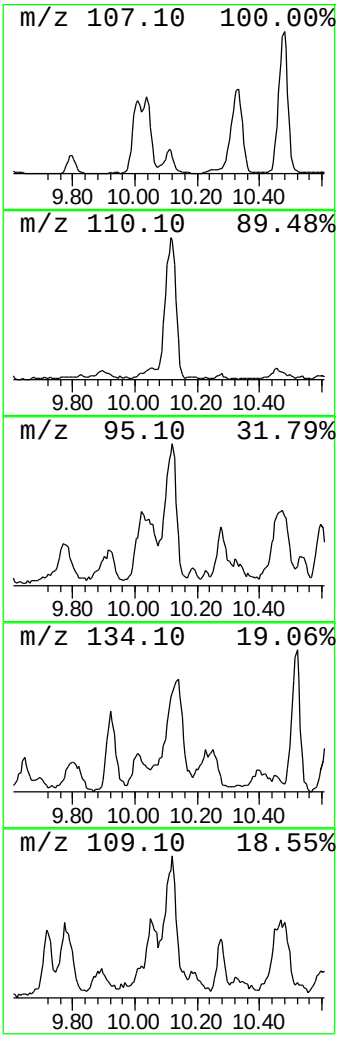
Peak Number 15 unknown-04 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	18.69 ng/ul	475952	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	38
2	2-Methyl-6-propylpyridine	135	C9H13N	005397-28-4	27
3	1,2-Benzenediol	110	C6H6O2	000120-80-9	25
4	1,2-Benzenediol	110	C6H6O2	000120-80-9	22
5	Benzenepropanoic acid, 4-hydroxy-	166	C9H10O3	000501-97-3	22





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Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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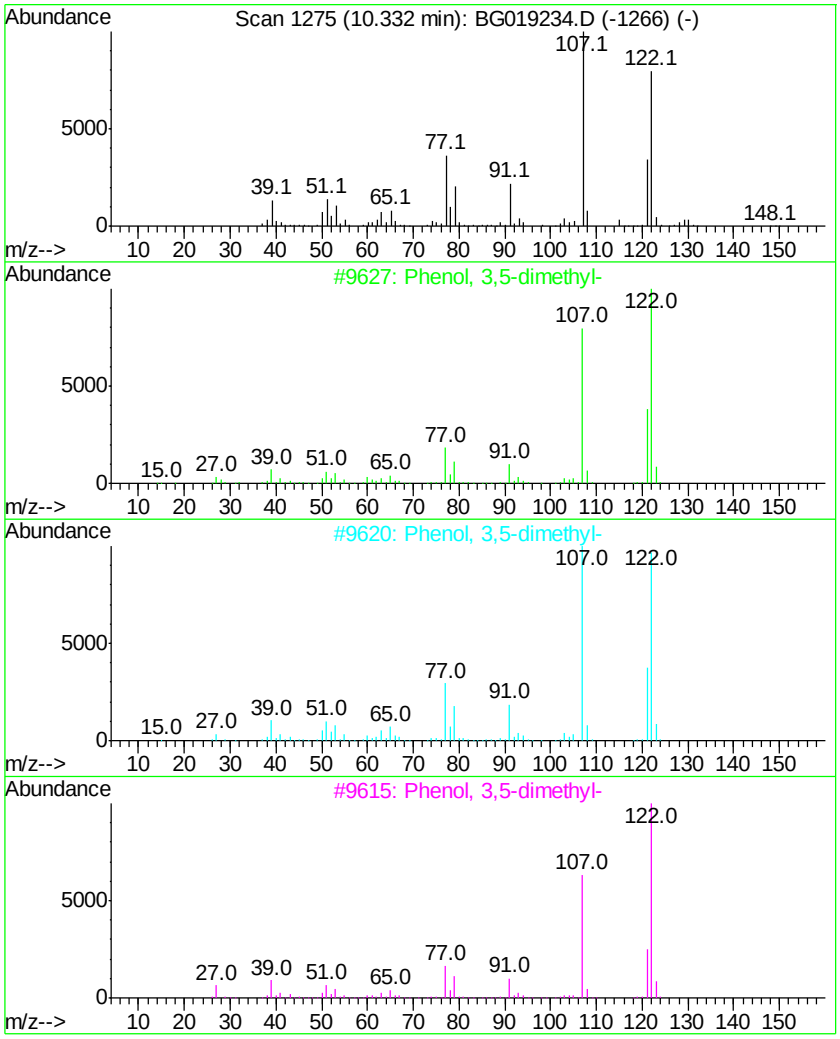
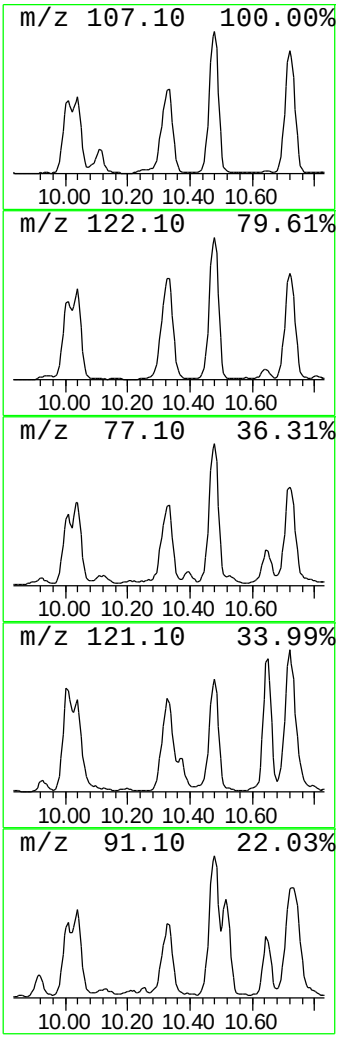
Peak Number 16 Phenol, 3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	54.68 ng/ul	1392260	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	90
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90





Library Search Compound Report

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Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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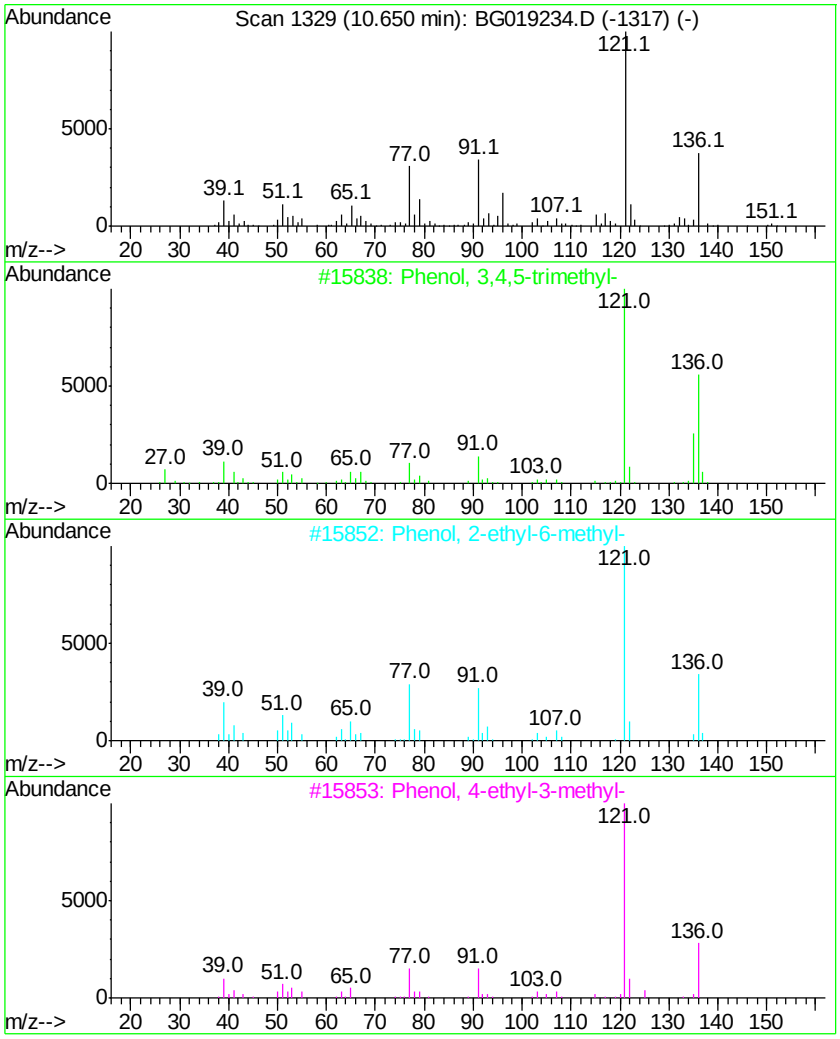
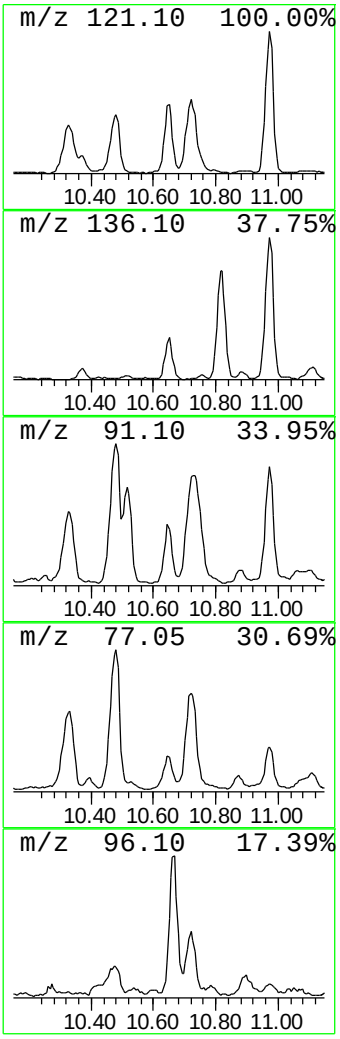
Peak Number 17 Phenol, 3,4,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	30.22 ng/ul	769536	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	81
3	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	76
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	76
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	74





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Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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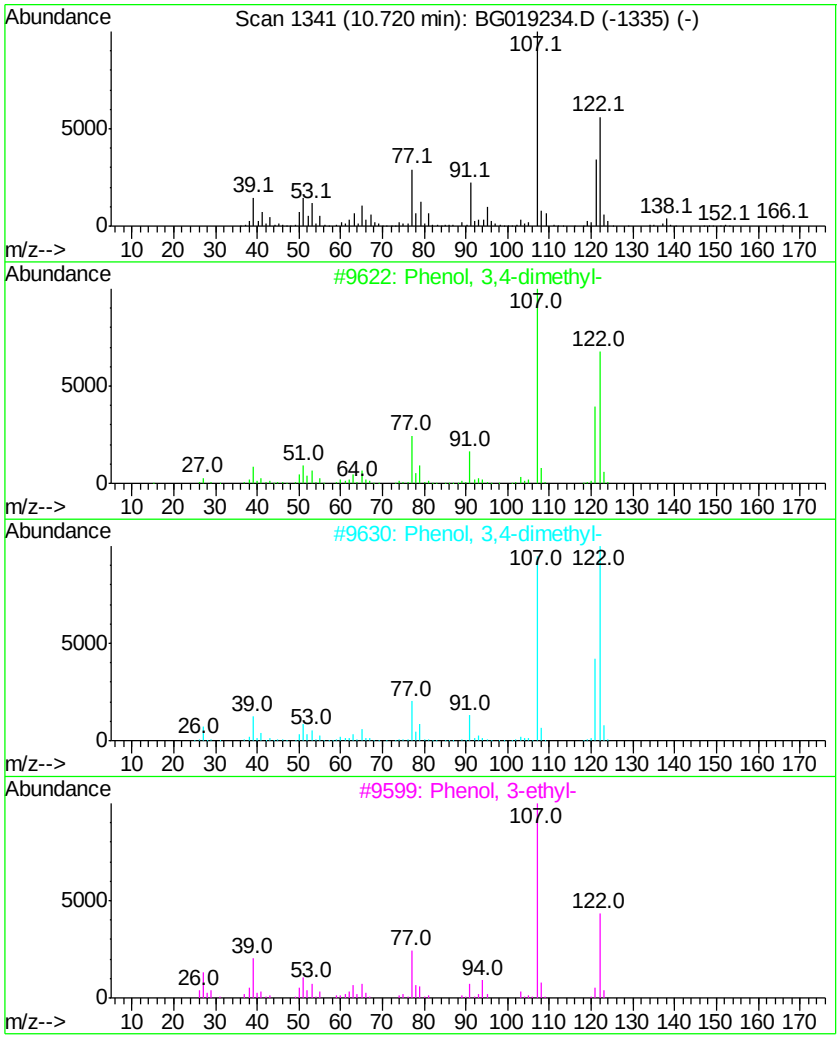
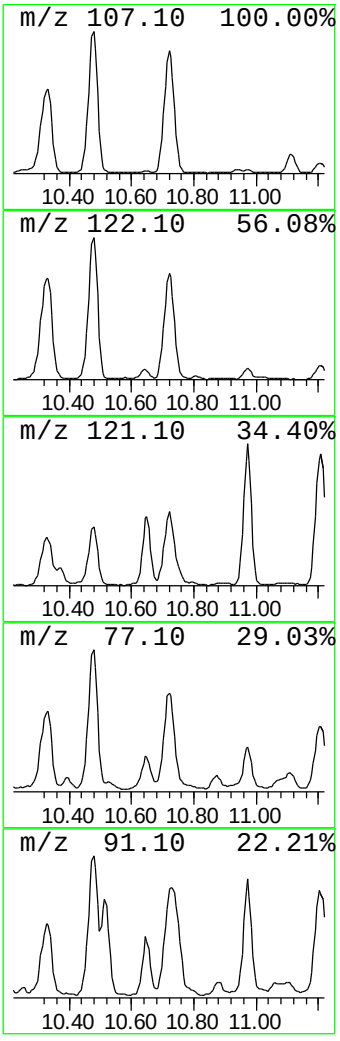
Peak Number 18 Phenol, 3,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	74.77 ng/ul	1903780	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	93
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	90
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	90
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	90





Library Search Compound Report

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Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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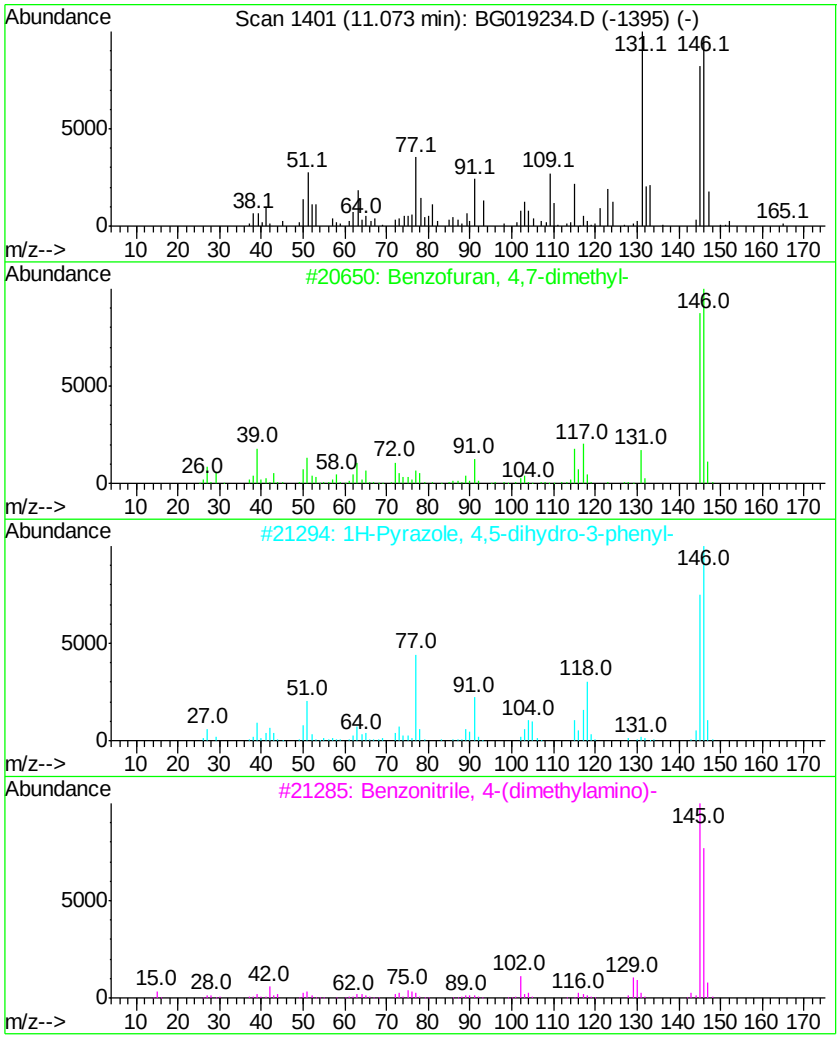
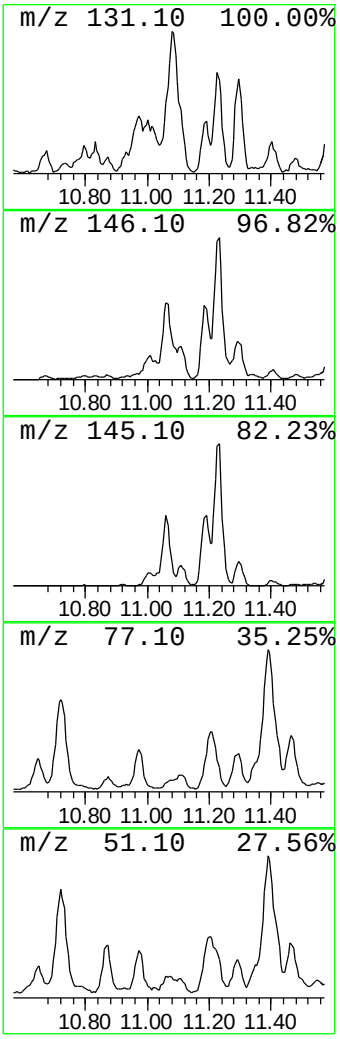
Peak Number 19 Benzofuran, 4,7-dimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	9.56 ng/ul	243545	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	58
2	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	50
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	47
4	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	47
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	40





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Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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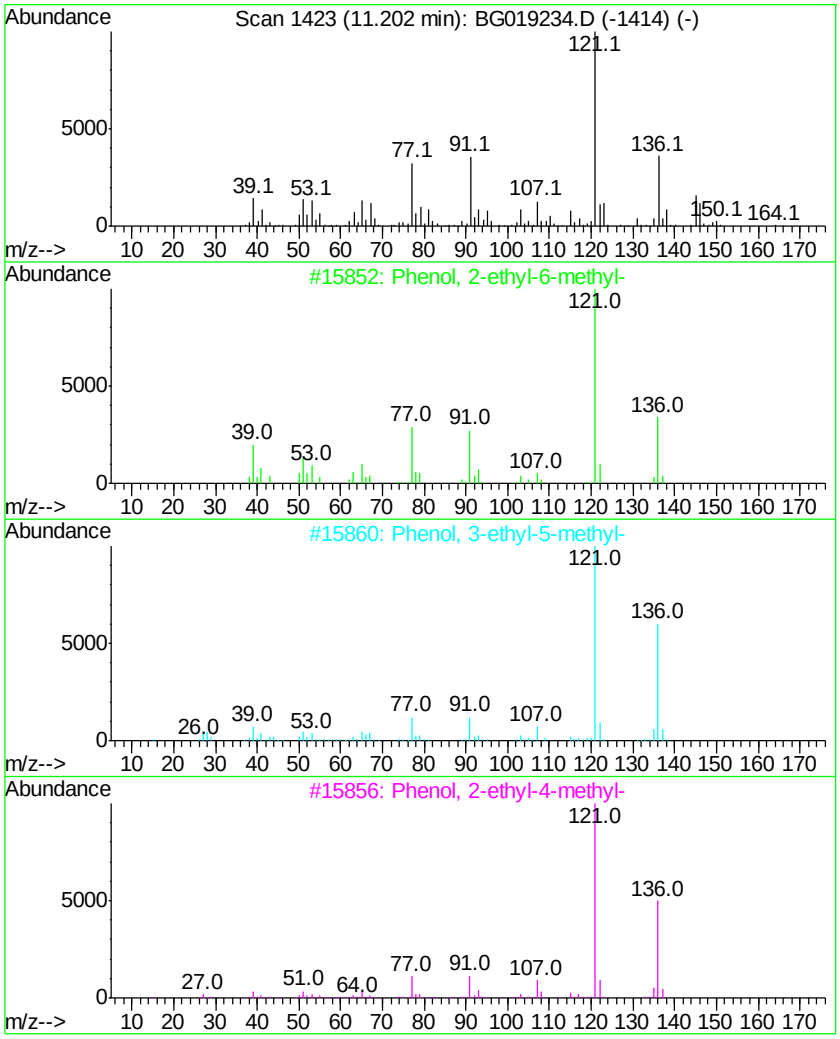
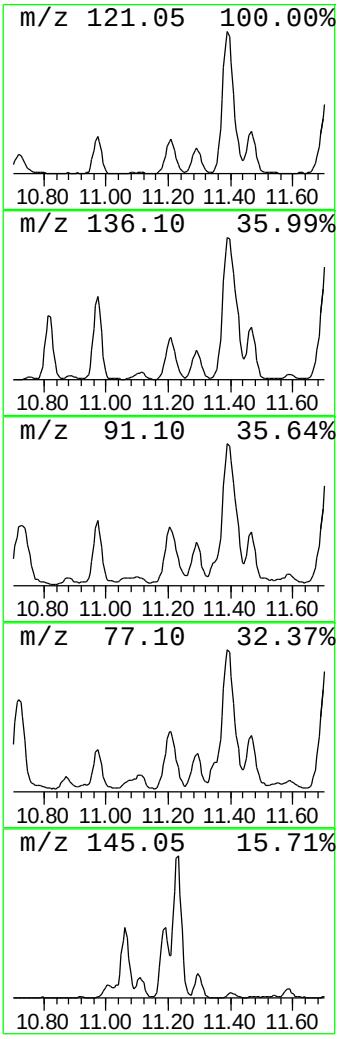
Peak Number 20 Phenol, 2-ethyl-6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	73.35 ng/ul	1867720	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	94
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	81
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	81
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	70
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	70





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Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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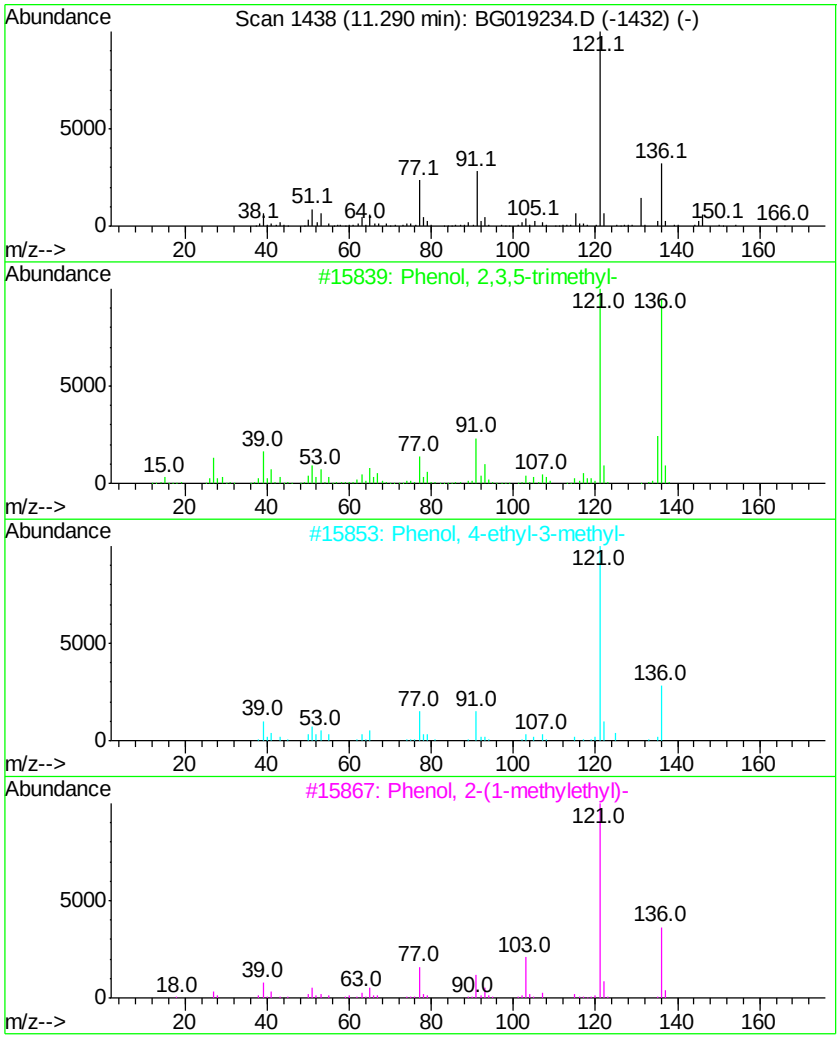
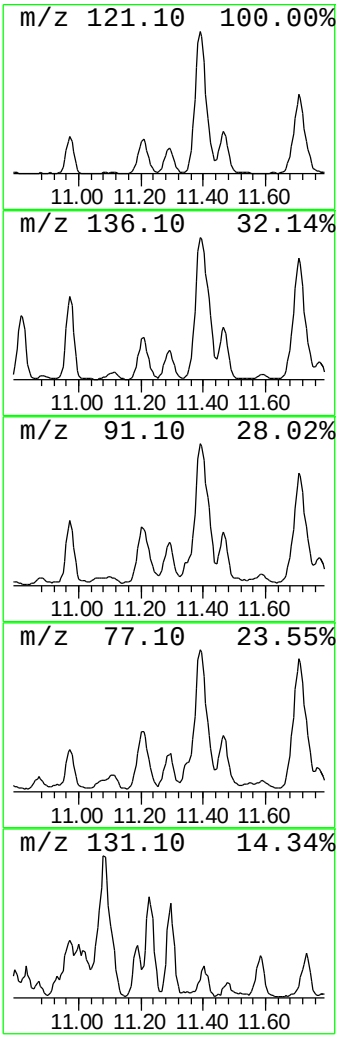
Peak Number 21 Phenol, 2,3,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	22.68 ng/ul	577595	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	64
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	64
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	64
4	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	64
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	64





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Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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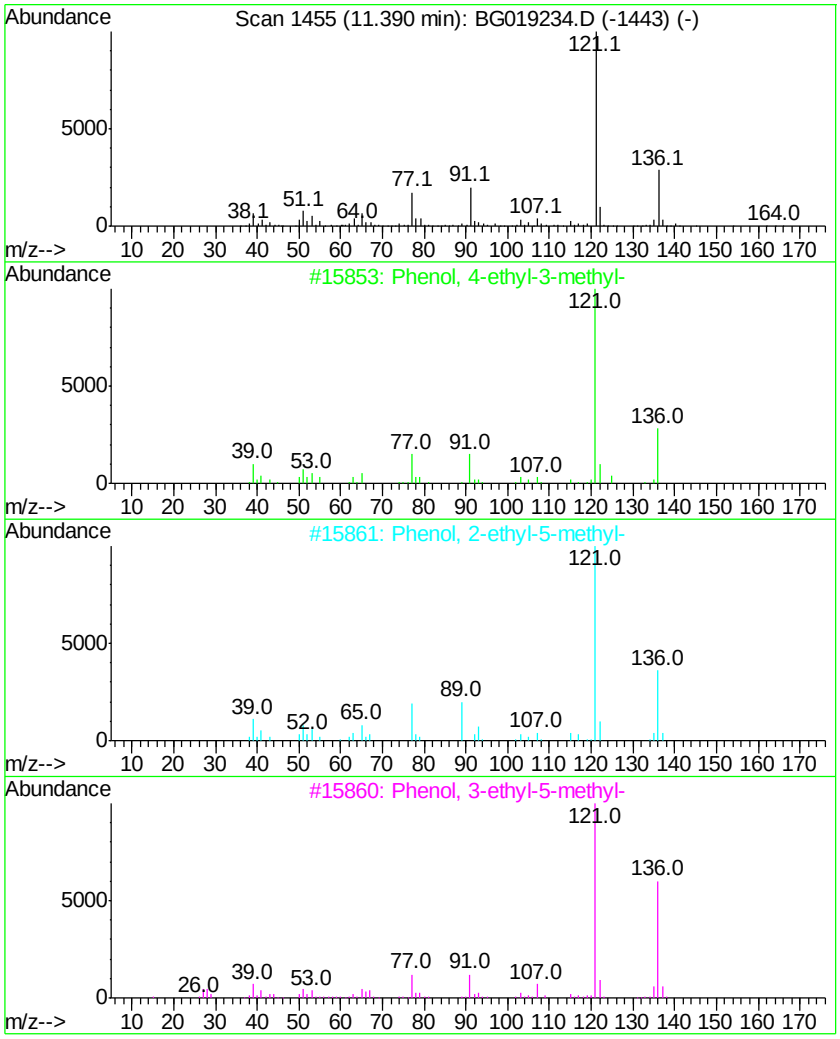
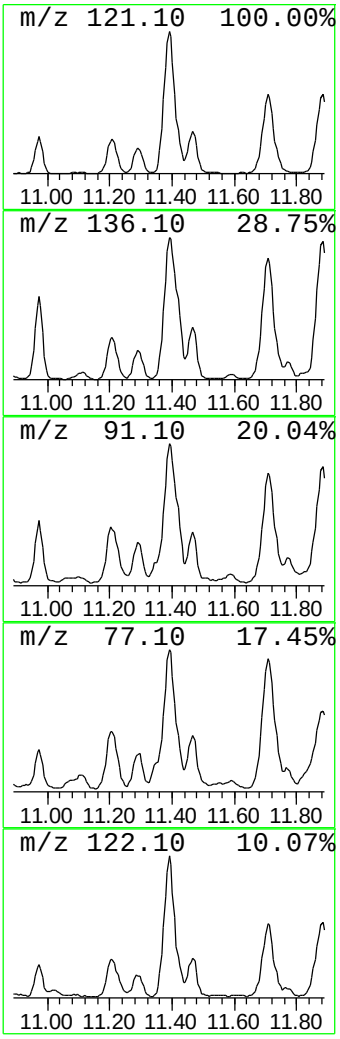
Peak Number 22 Phenol, 4-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	153.37 ng/ul	3905260	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	93
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90





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Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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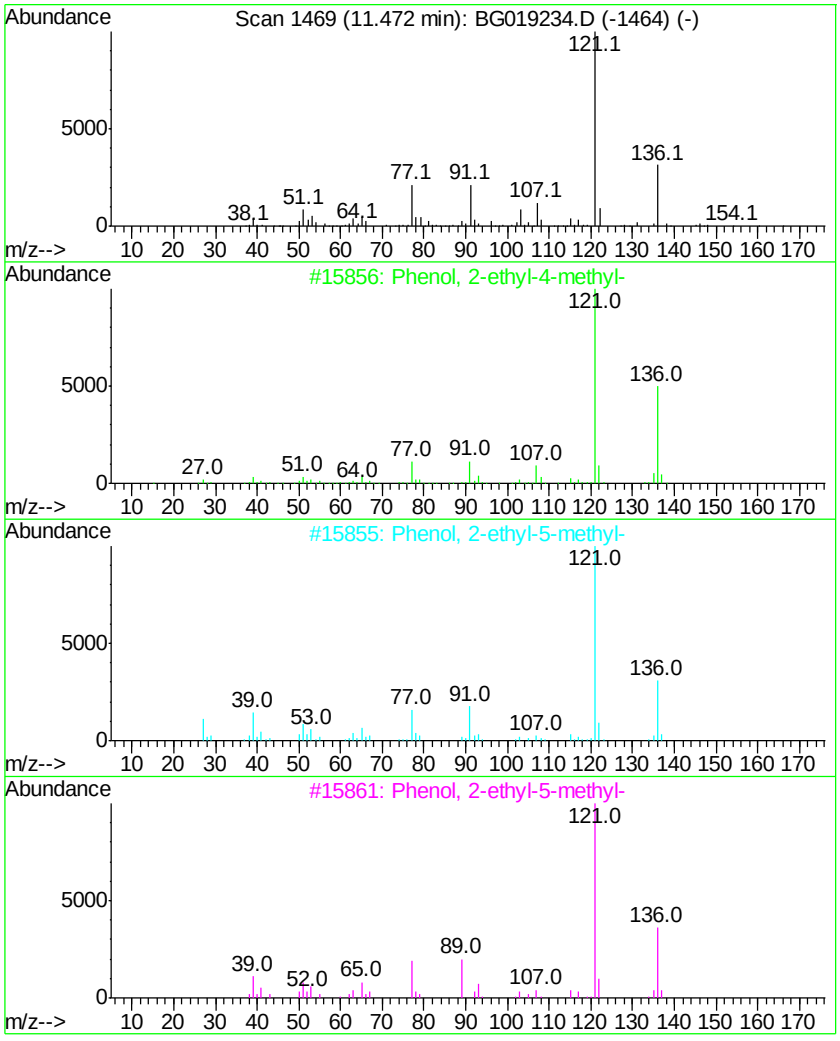
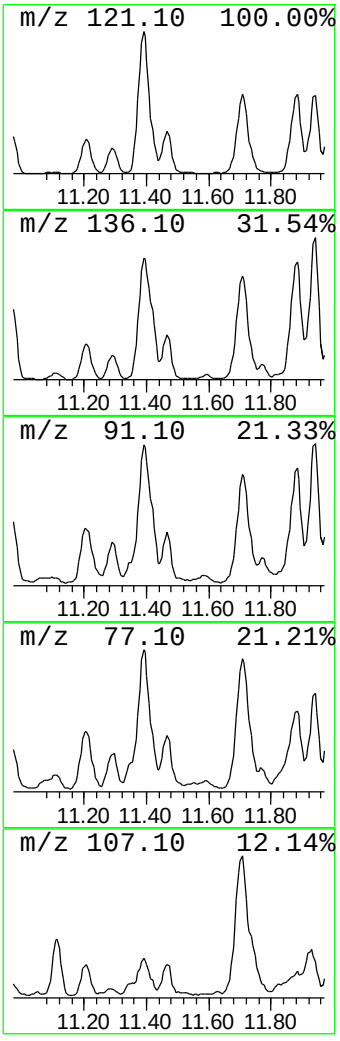
Peak Number 23 Phenol, 2-ethyl-4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	32.74 ng/ul	833668	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	80
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	80
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	72
5	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	72





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Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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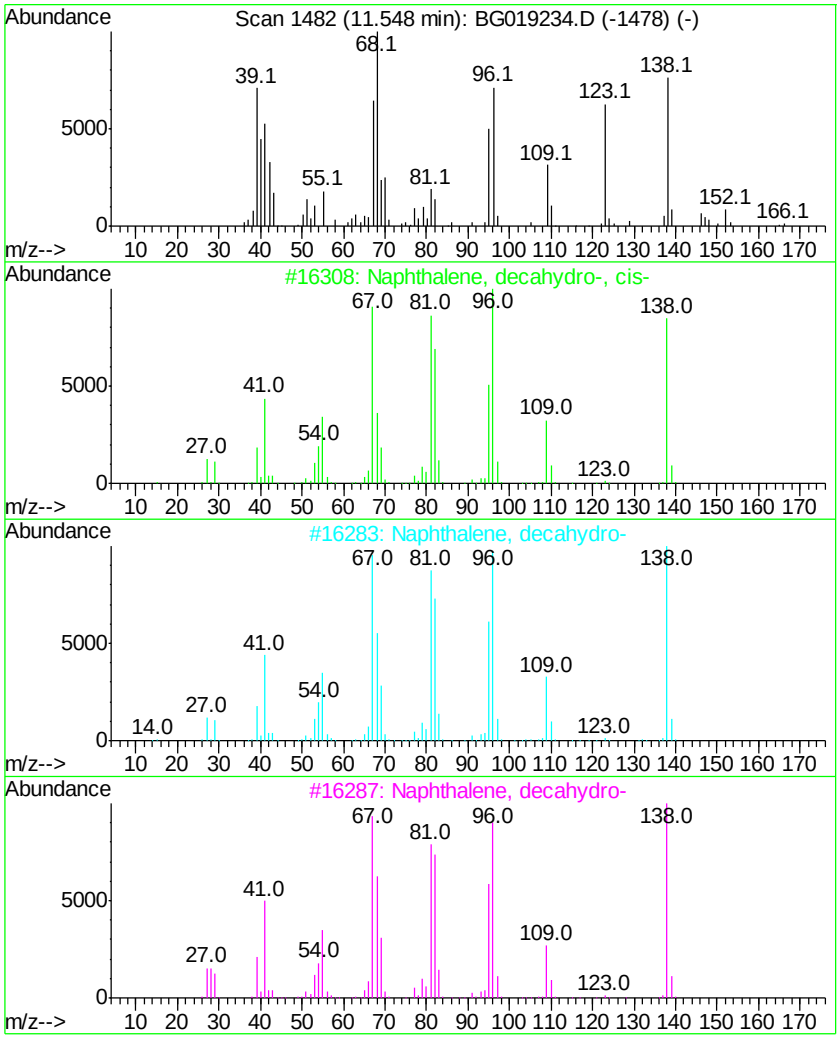
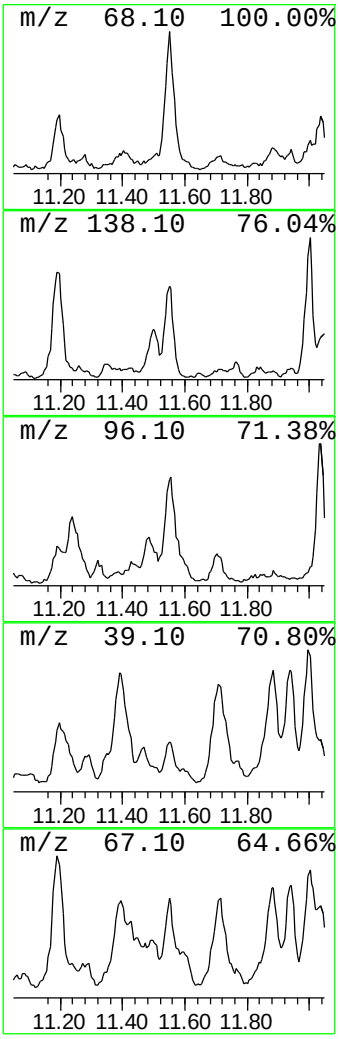
Peak Number 24 Naphthalene, decahydro-, cis- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	6.33 ng/ul	161272	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	58
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	52
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	52
4	2-Cyclohexen-1-one, 3,4,4-trimet...	138	C9H14O	017299-41-1	49
5	Cyclohexanone, 2-(1-methylethyli...	138	C9H14O	013747-73-4	45





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Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

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Quant Title : SVOA CALIBRATION

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

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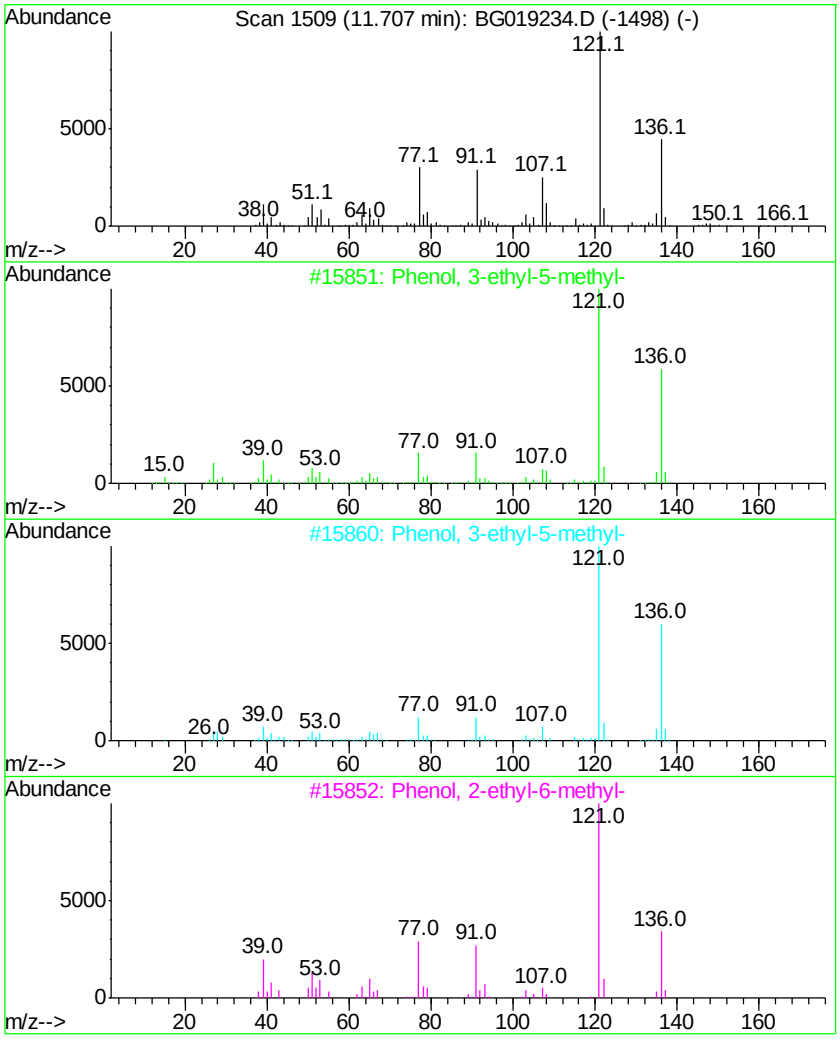
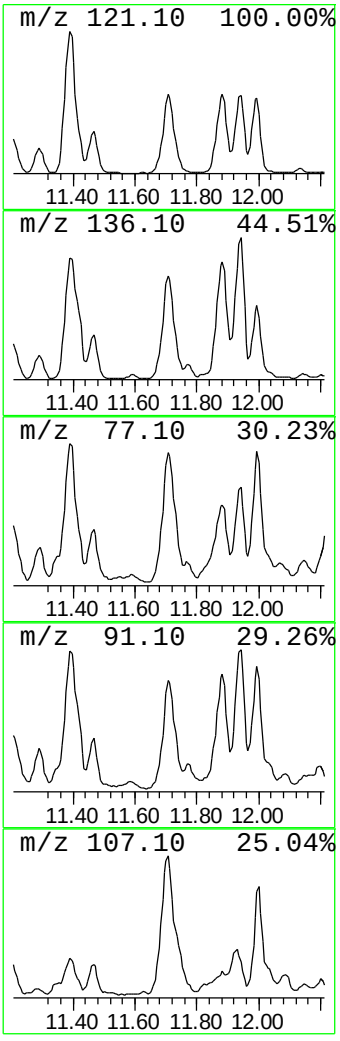
Peak Number 25 Phenol, 3-ethyl-5-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	131.17 ng/ul	3339950	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	86
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	76





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Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

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Quant Title : SVOA CALIBRATION

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

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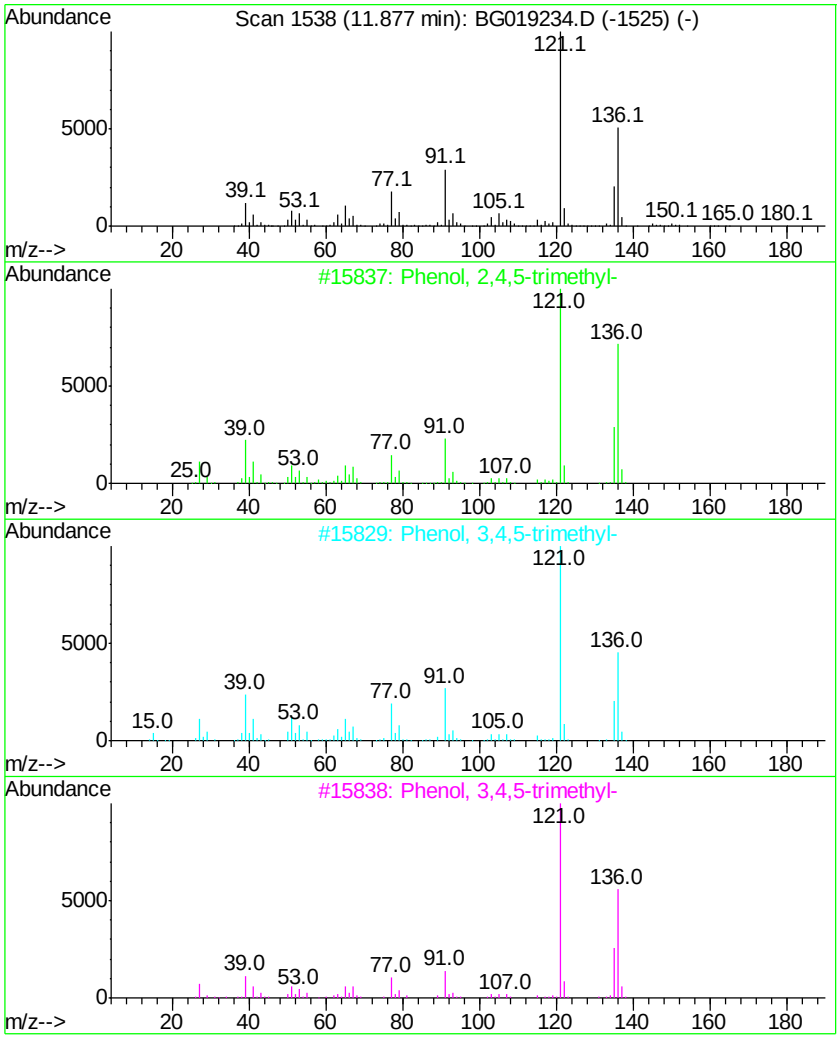
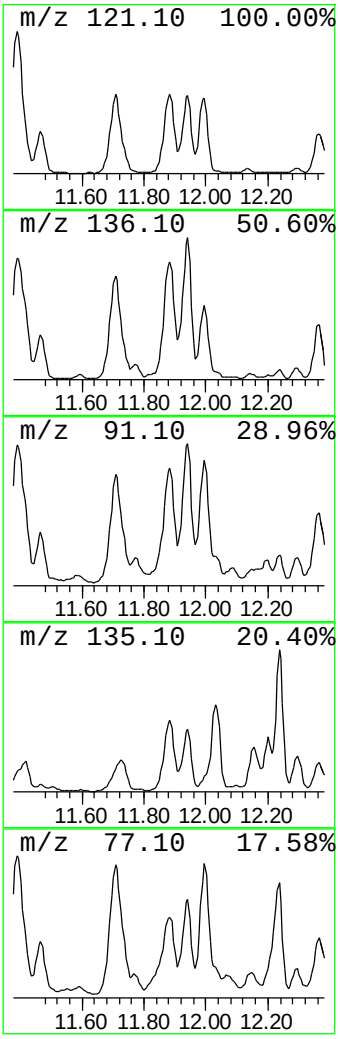
Peak Number 26 Phenol, 2,4,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	106.46 ng/ul	2710770	Naphthalene-d8	10.81

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	91
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
4	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	87
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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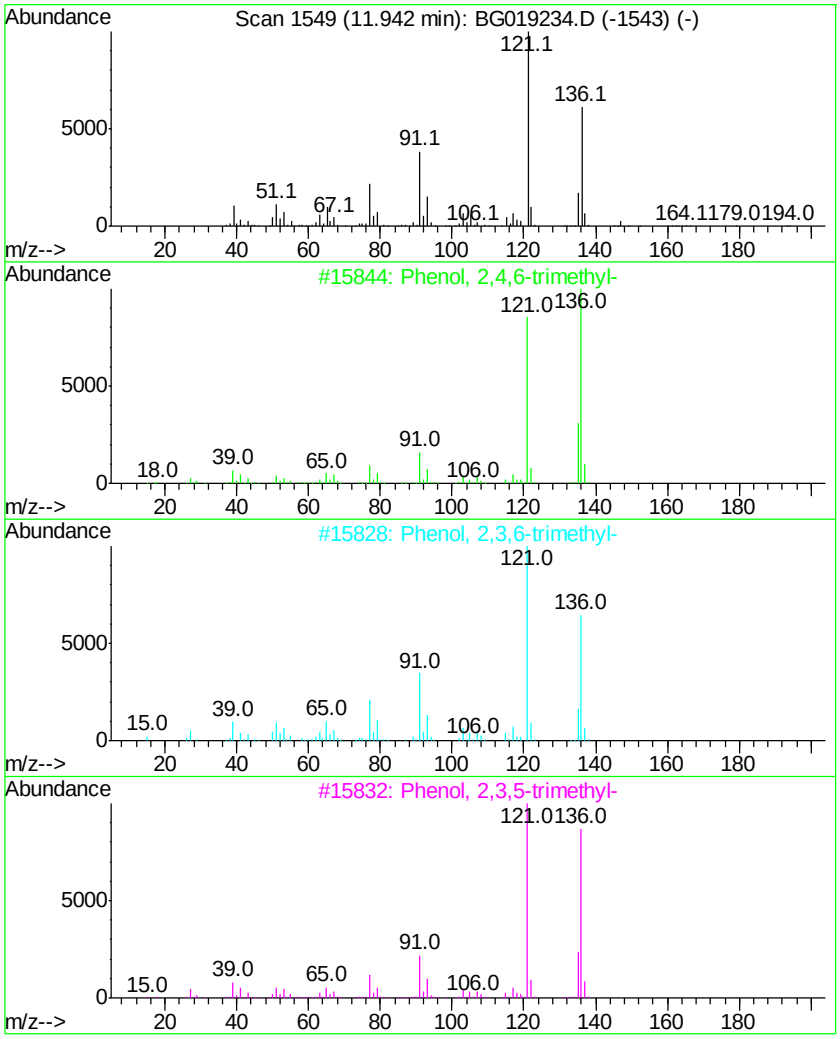
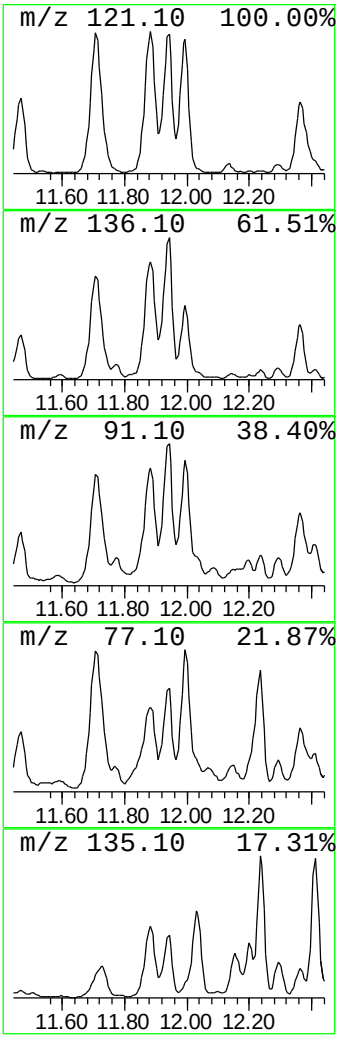
Peak Number 27 Phenol, 2,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	84.51 ng/ul	2151770	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	94
4	2,4-Dimethylanisole	136	C9H12O	006738-23-4	91
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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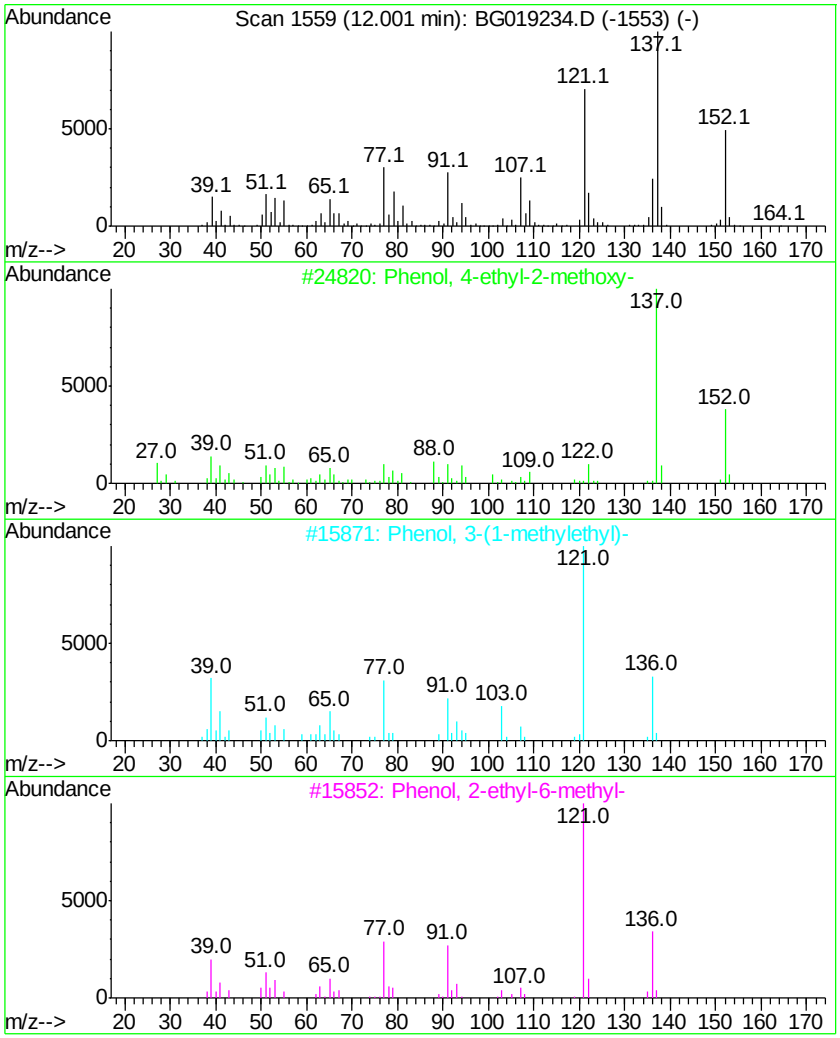
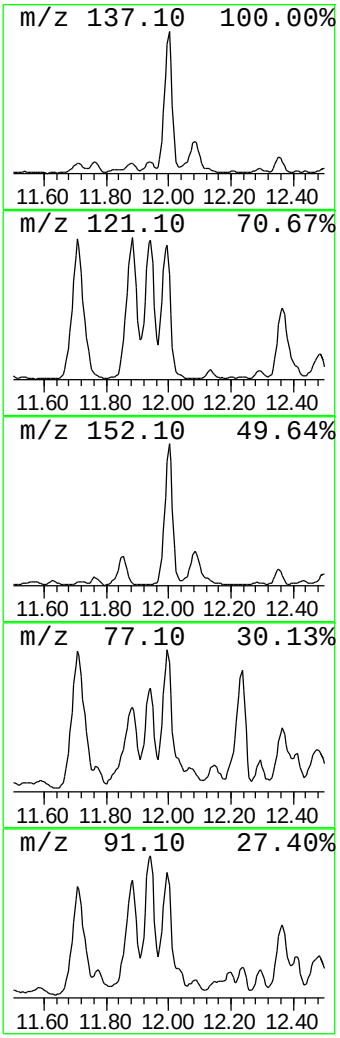
Peak Number 28 unknown-05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	113.62 ng/ul	2893110	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	43
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	41
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	41
4	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	38
5	3,4-Dihydroxyacetophenone	152	C8H8O3	001197-09-7	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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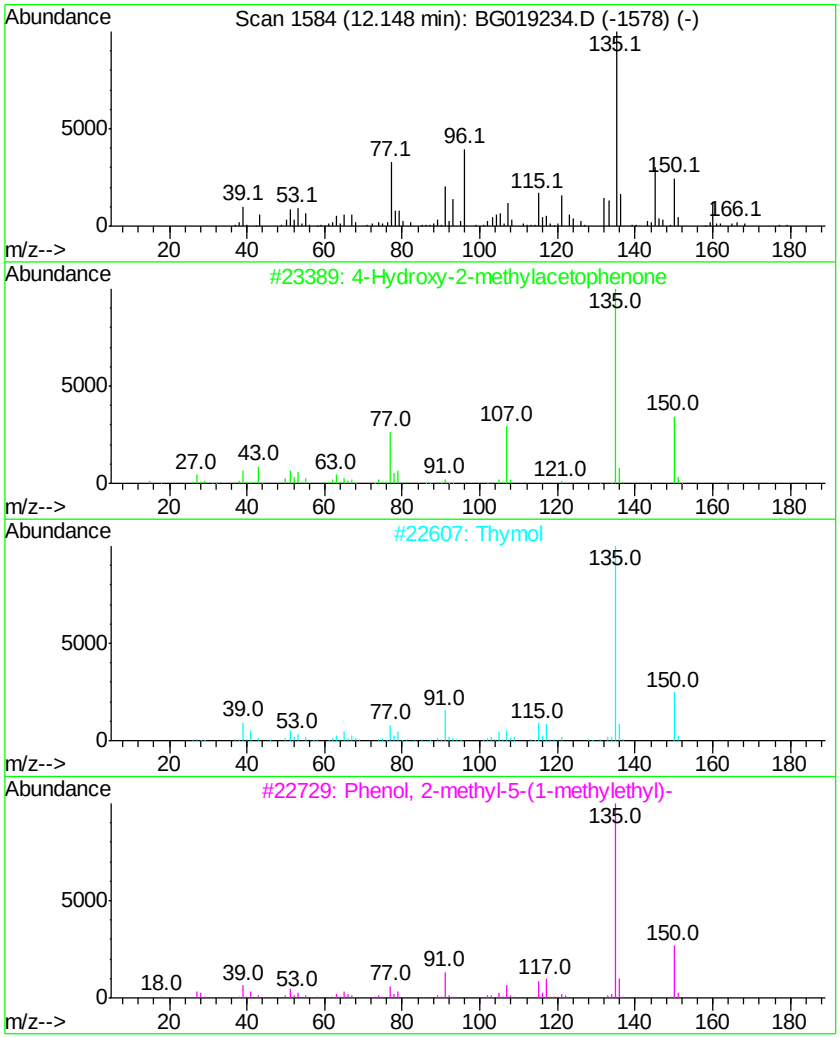
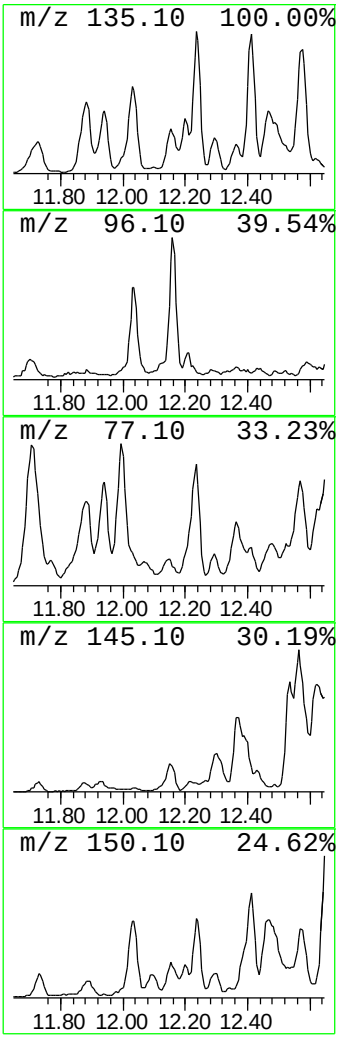
Peak Number 29 4-Hydroxy-2-methylacetophenone Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	11.99 ng/ul	305298	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	60
2	Thymol	150	C10H14O	000089-83-8	55
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	49
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	49
5	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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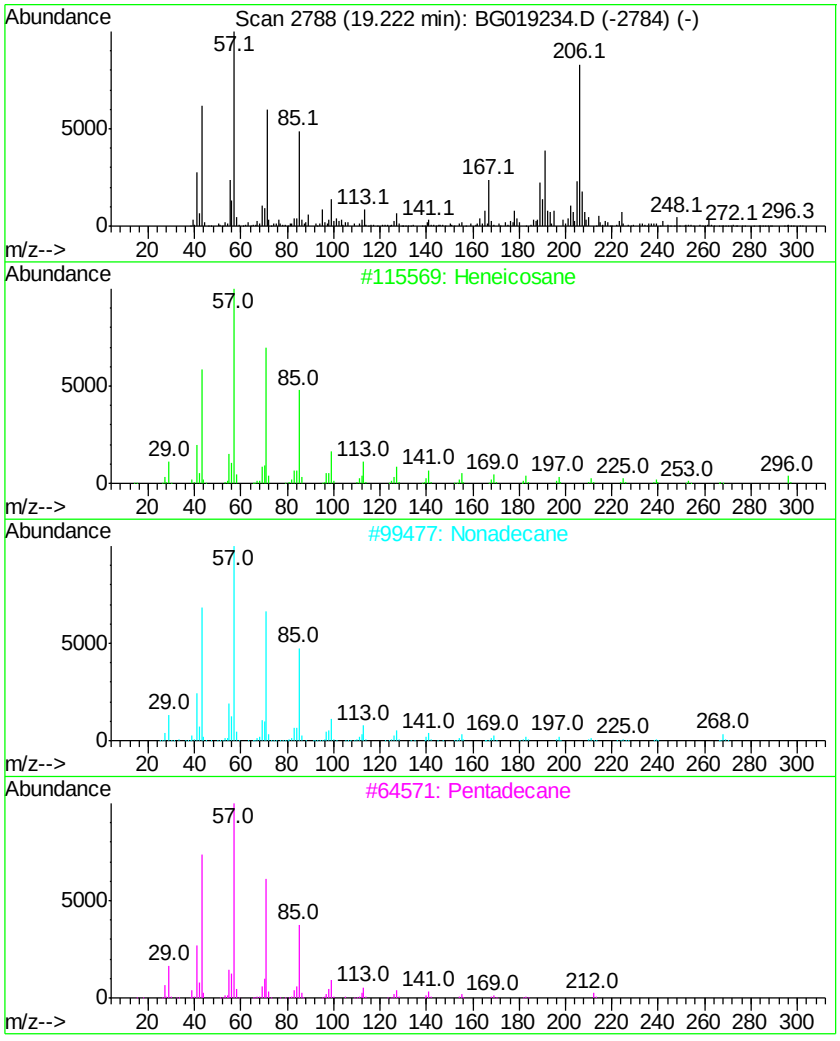
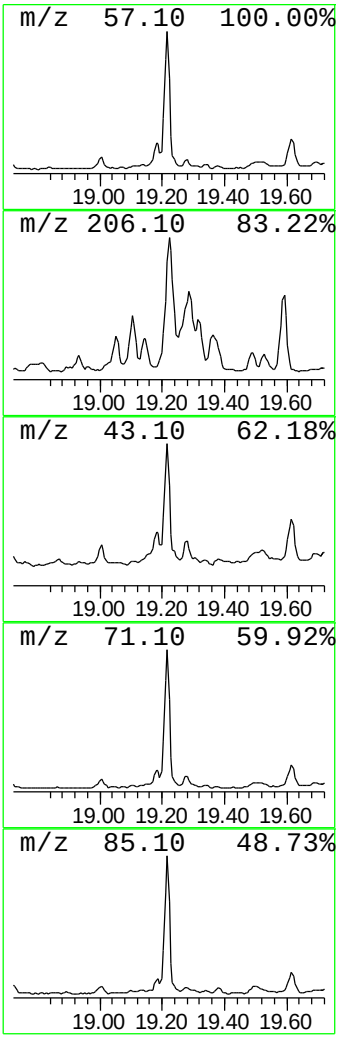
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	5.46 ng/ul	2071290	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	72
2	Nonadecane	268	C19H40	000629-92-5	41
3	Pentadecane	212	C15H32	000629-62-9	41
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	41
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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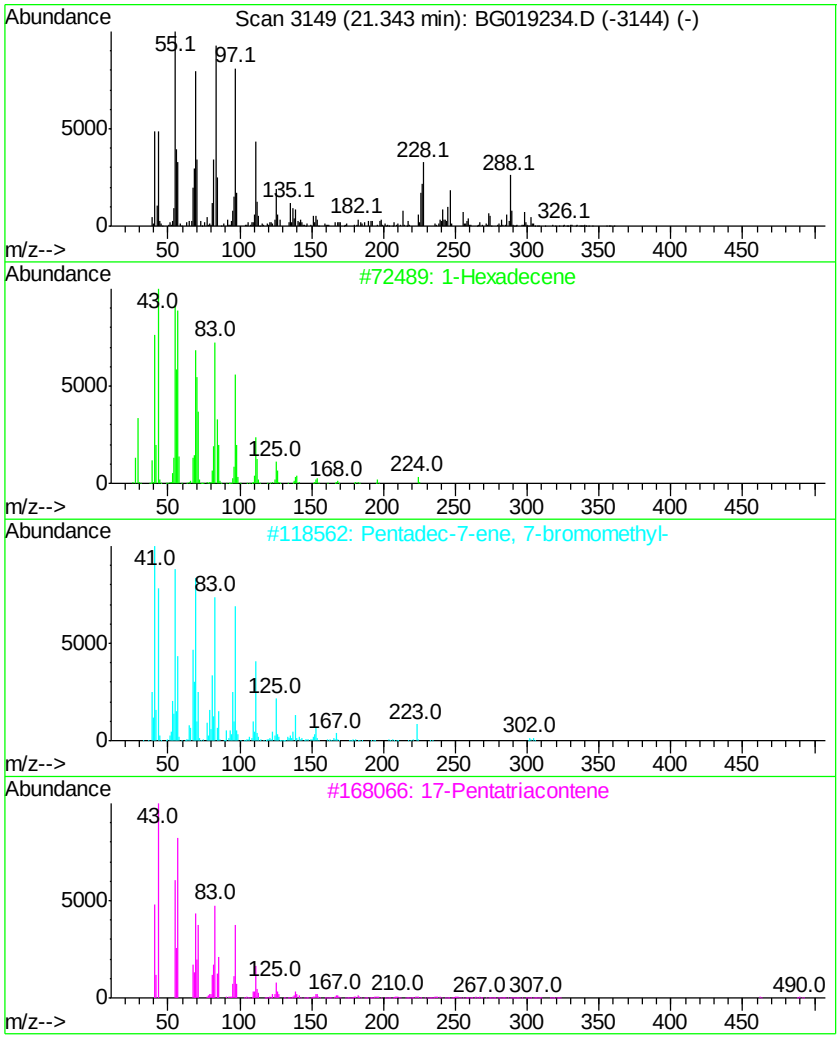
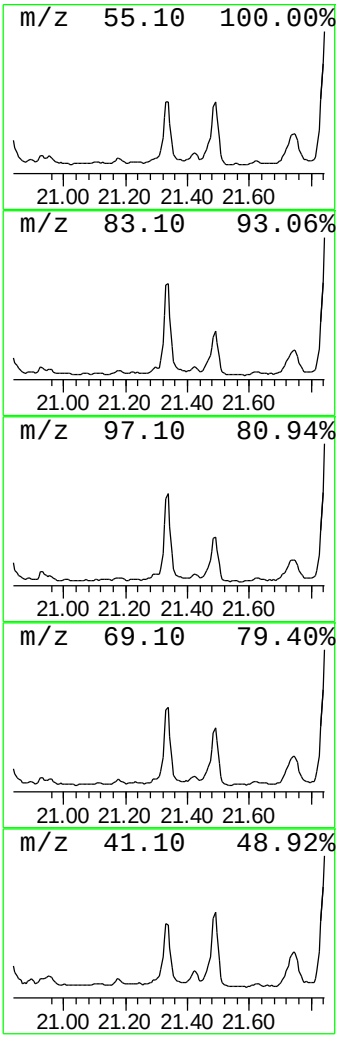
Peak Number 51 (DEL) Alkane: Cyclic21.34 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	7.87 ng/ul	2721330	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	92
2	Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	89
3	17-Pentatriacontene	491	C35H70	006971-40-0	83
4	1-Nonadecene	266	C19H38	018435-45-5	78
5	1-Hexadecanol	242	C16H34O	036653-82-4	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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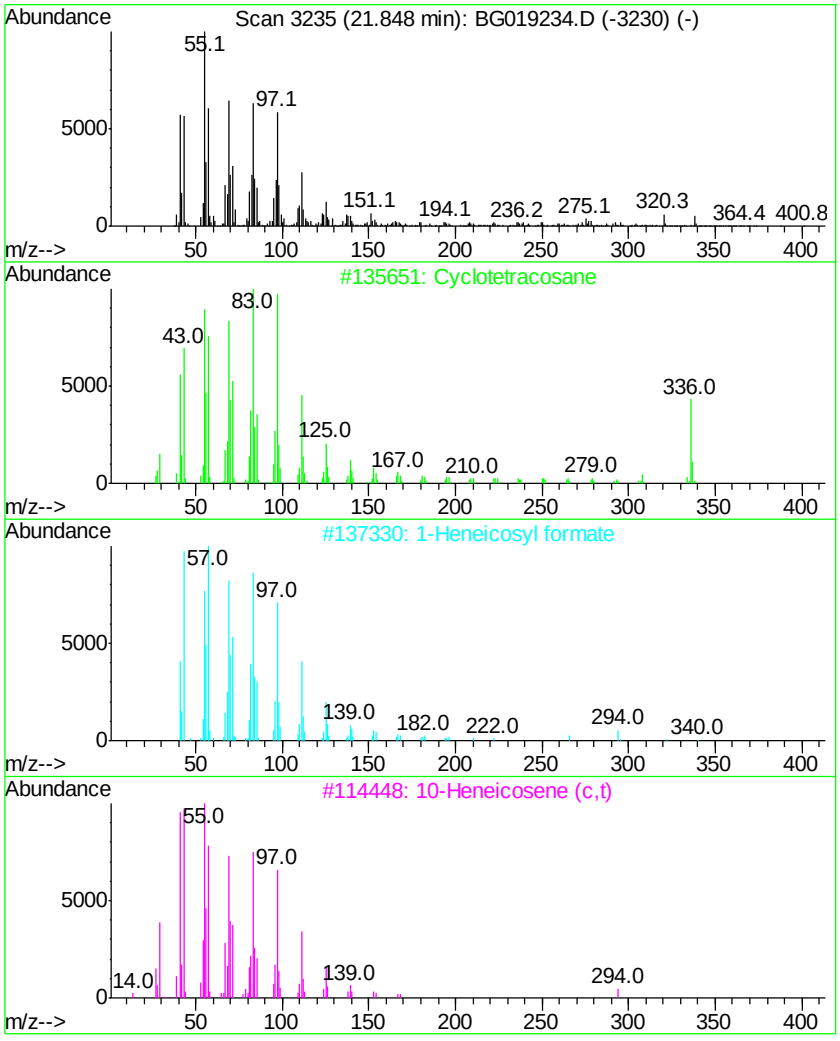
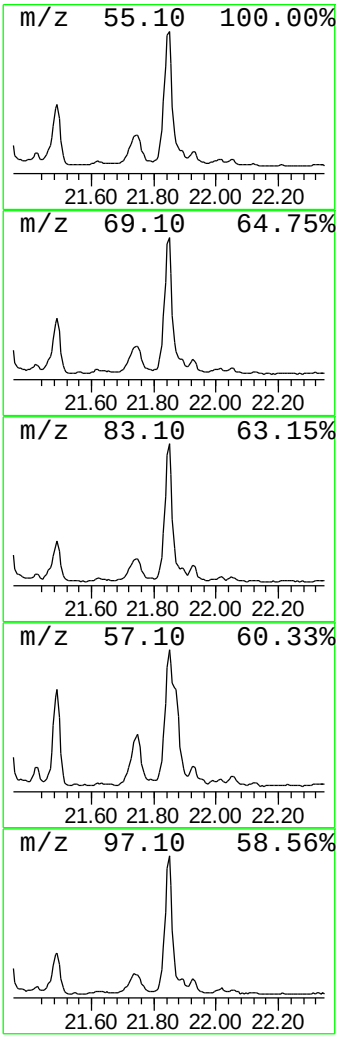
Peak Number 53 (DEL) Alkane: Cyclic21.85 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	20.00 ng/ul	6914990	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	81
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	81
5	8-Octadecenal	266	C18H34O	056554-94-0	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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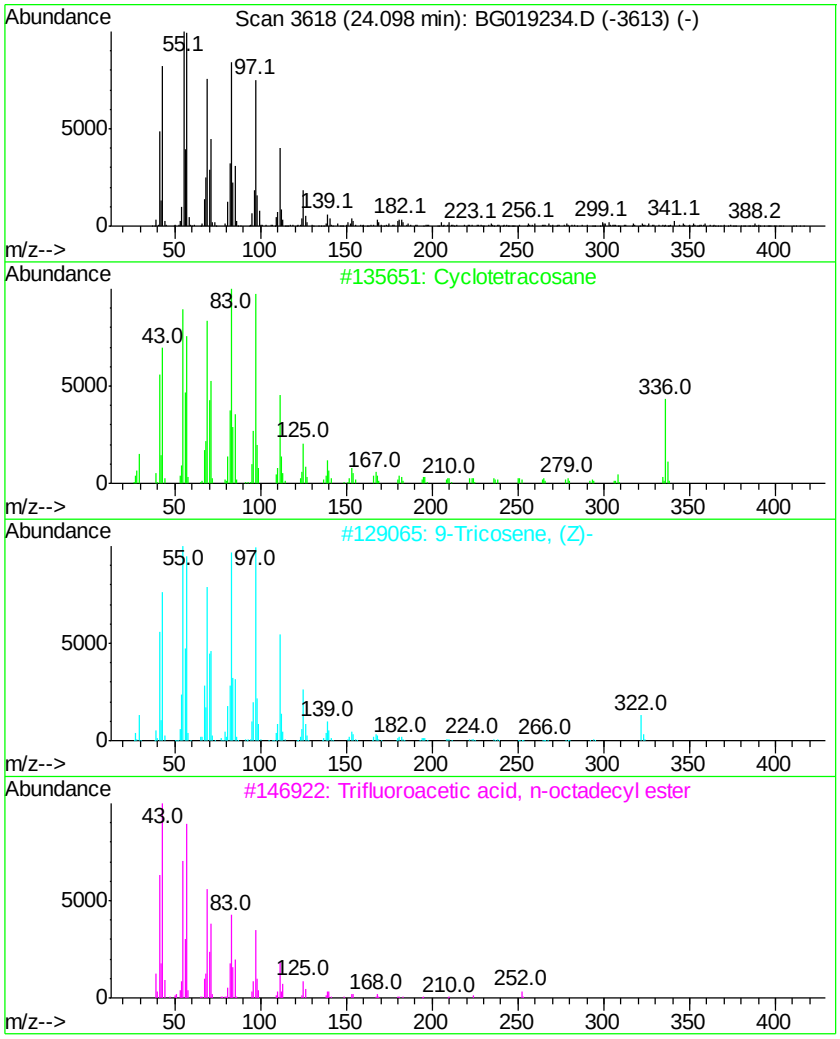
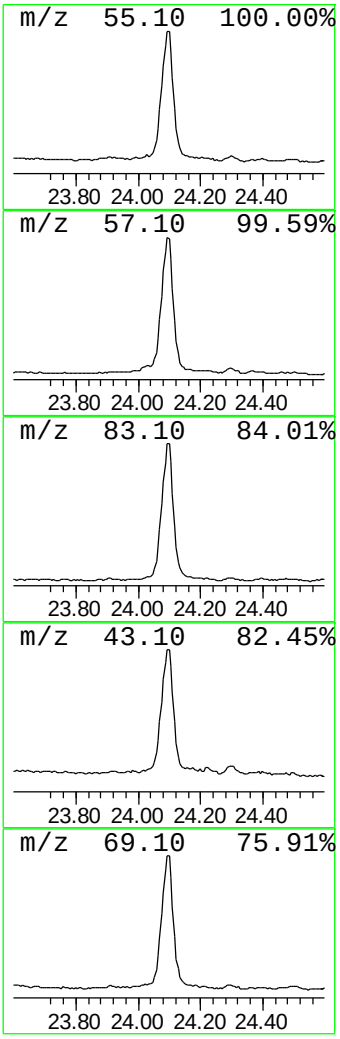
Peak Number 58 (DEL) Alkane: Cyclic24.10 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	20.00 ng/ul	3367170	Perylene-d12	24.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	Ergosterol	396	C28H44O	000057-87-4	90
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101615\
Data File : BG019234.D
Acq On : 16 Oct 2015 21:59
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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
Butane, 2-methoxy...	3.19	47.9	ng/ul	513916	1	8.01	214531	20.0
Pyridine, 2,4-dim...	6.51	13.9	ng/ul	149110	1	8.01	214531	20.0
Pyridine, 2,3-dim...	6.75	11.0	ng/ul	118304	1	8.01	214531	20.0
Pyridine, 2,3,5-t...	7.75	14.3	ng/ul	153249	1	8.01	214531	20.0
Pyridine, 5-ethyl...	8.09	18.2	ng/ul	195481	1	8.01	214531	20.0
Benzenamine, N,N-...	8.61	11.6	ng/ul	124785	1	8.01	214531	20.0
unknown-01	9.03	12.0	ng/ul	128876	1	8.01	214531	20.0
unknown-02	9.08	13.2	ng/ul	141040	1	8.01	214531	20.0
Mequinol	9.12	13.6	ng/ul	145502	1	8.01	214531	20.0
unknown-03	9.28	17.9	ng/ul	191670	1	8.01	214531	20.0
Phenol, 2,6-dimet...	9.44	22.9	ng/ul	582025	2	10.81	509250	20.0
Maltol	9.49	15.0	ng/ul	382350	2	10.81	509250	20.0
Benzofuran, 2-met...	9.55	11.9	ng/ul	303995	2	10.81	509250	20.0
Phenol, 2-ethyl-	9.79	13.0	ng/ul	330127	2	10.81	509250	20.0
unknown-04	10.11	18.7	ng/ul	475952	2	10.81	509250	20.0
Phenol, 3,5-dimet...	10.33	54.7	ng/ul	1392260	2	10.81	509250	20.0
Phenol, 3,4,5-tri...	10.65	30.2	ng/ul	769536	2	10.81	509250	20.0
Phenol, 3,4-dimet...	10.72	74.8	ng/ul	1903780	2	10.81	509250	20.0
Benzofuran, 4,7-d...	11.07	9.6	ng/ul	243545	2	10.81	509250	20.0
Phenol, 2-ethyl-6...	11.20	73.3	ng/ul	1867720	2	10.81	509250	20.0
Phenol, 2,3,5-tri...	11.29	22.7	ng/ul	577595	2	10.81	509250	20.0
Phenol, 4-ethyl-3...	11.39	153.4	ng/ul	3905260	2	10.81	509250	20.0
Phenol, 2-ethyl-4...	11.47	32.7	ng/ul	833668	2	10.81	509250	20.0
Naphthalene, deca...	11.55	6.3	ng/ul	161272	2	10.81	509250	20.0
Phenol, 3-ethyl-5...	11.71	131.2	ng/ul	3339950	2	10.81	509250	20.0
Phenol, 2,4,5-tri...	11.88	106.5	ng/ul	2710770	2	10.81	509250	20.0
Phenol, 2,4,6-tri...	11.94	84.5	ng/ul	2151770	2	10.81	509250	20.0
unknown-05	12.00	113.6	ng/ul	2893110	2	10.81	509250	20.0
4-Hydroxy-2-methy...	12.15	12.0	ng/ul	305298	2	10.81	509250	20.0
(DEL) Alkane: Str...	19.22	5.5	ng/ul	2071290	4	17.44	7593680	20.0
(DEL) Alkane: Cyc...	21.34	7.9	ng/ul	2721330	5	21.74	6914990	20.0
(DEL) Alkane: Cyc...	21.85	20.0	ng/ul	6914990	5	21.74	6914990	20.0
(DEL) Alkane: Cyc...	24.10	20.0	ng/ul	3367170	6	24.95	3367170	20.0