LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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	3.184	54	59	75	rVB	250174	394527	1.37%	0.177%
2	8.008	870	880	888	rBV3	113745	252433	0.87%	0.113%
3	8.748	998	1006	1009	rBV5	77594	162117	0.56%	0.073%
4	8.795	1009	1014	1026	rVB4	106885	294051	1.02%	0.132%
5	9.177	1075	1079	1088	rVB3	71292	135342	0.47%	0.061%
6	9.300	1089	1100	1104	rBV7	44850	137204	0.48%	0.062%
7	9.447	1118	1125	1129	rBV	184873	337290	1.17%	0.151%
8	9.500	1129	1134	1139	rVV4	71642	171306	0.59%	0.077%
9	9.559	1139	1144	1153	rVV3	57384	134401	0.47%	0.060%
10	9.800	1177	1185	1193	rVB5	97398	241403	0.84%	0.108%
11	9.905	1196	1203	1204	rBV2	75586	133921	0.46%	0.060%
12	9.929	1204	1207	1215	rVB5	90716	183808	0.64%	0.082%
13	10.017	1215	1222	1224	rBV	298205	578141	2.00%	0.259%
14	10.046	1224	1227	1233	rVV	323921	566394	1.96%	0.254%
15	10.117	1233	1239	1247	rVB3	144007	348900	1.21%	0.157%
16	10.334	1269	1276	1291	rVB	340854	730869	2.53%	0.328%
17	10.481	1291	1301	1315	rBV2	648737	1657483	5.74%	0.743%
18	10.657	1318	1331	1336	rBV6	157779	451629	1.57%	0.203%
19	10.722	1336	1342	1350	rVV3	573893	1318945	4.57%	0.592%
20	10.816	1354	1358	1362	rVV	110357	186112	0.65%	0.083%
21	10.869	1362	1367	1374	rVB	184354	323327	1.12%	0.145%
22	10.975	1379	1385	1392	rBV	330848	567203	1.97%	0.254%
23	11.063	1395	1400	1405	rBV2	67035	151253	0.52%	0.068%
24	11.210	1414	1425	1433	rBV4	382927	1224633	4.24%	0.549%
25	11.292	1434	1439	1444	rVV	188123	358150	1.24%	0.161%
26	11.351	1444	1449	1450	rVV	203693	304219	1.05%	0.136%
27	11.392	1450	1456	1465	rVV	863225	2323644	8.05%	1.042%
28	11.468	1465	1469	1478	rVB	240453	496581	1.72%	0.223%
29	11.703	1499	1509	1519	rBV	638010	2103230	7.29%	0.943%
30	11.879	1526	1539	1544	rBV	703395	1876111	6.50%	0.842%
31	11.938	1544	1549	1553	rVV	582280	987817	3.42%	0.443%
32	11.997	1553	1559	1564	rVV2	889081	1634997	5.67%	0.733%
33	12.085	1570	1574	1579	rVB4	114887	200706	0.70%	0.090%
34	12.232	1590	1599	1605	rVB2	724691	1555080	5.39%	0.698%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
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Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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	12.297	1605	1610	1614	rBV3	150294	280598	0.97%	0.126%
36	12.361	1615	1621	1626	rBV2	506145	1055463	3.66%	0.473%
37	12.408	1627	1629	1634	rVB	190584	239066	0.83%	0.107%
38	12.479	1634	1641	1645	rBV3	458698	923488	3.20%	0.414%
39	12.526	1645	1649	1650	rBV2	203674	242176	0.84%	0.109%
40	12.567	1651	1656	1661	rVB2	675517	1345840	4.66%	0.604%
41	12.649	1661	1670	1675	rBV3	565692	1456468	5.05%	0.653%
42	12.702	1675	1679	1692	rVB5	594033	1733457	6.01%	0.778%
43	12.808	1692	1697	1701	rBV4	164453	314472	1.09%	0.141%
44	12.855	1701	1705	1707	rBV2	220600	313713	1.09%	0.141%
45	12.896	1707	1712	1715	rBV2	474818	850875	2.95%	0.382%
46	13.049	1734	1738	1743	rVB3	394700	632092	2.19%	0.284%
47	13.154	1744	1756	1762	rBV4	1173235	3726215	12.92%	1.671%
48	13.272	1771	1776	1783	rVB4	430012	867759	3.01%	0.389%
49	13.378	1786	1794	1802	rBV7	456281	1373646	4.76%	0.616%
50	13.472	1804	1810	1818	rBV3	1386371	2530725	8.77%	1.135%
51	13.577	1824	1828	1835	rBV5	302416	729920	2.53%	0.327%
52	13.648	1835	1840	1845	rVB2	491527	866608	3.00%	0.389%
53	13.742	1848	1856	1862	rVB8	350050	1025915	3.56%	0.460%
54	13.818	1862	1869	1872	rBV4	786736	1842467	6.39%	0.826%
55	13.865	1873	1877	1889	rVB7	1129928	3372047	11.69%	1.513%
56	13.971	1889	1895	1900	rVB5	811115	1728936	5.99%	0.776%
57	14.042	1900	1907	1914	rBV5	2504561	5547135	19.23%	2.488%
58	14.141	1914	1924	1929	rBV9	522829	1694242	5.87%	0.760%
59	14.194	1929	1933	1944	rVB9	518612	1141941	3.96%	0.512%
60	14.288	1944	1949	1954	rBV3	770897	1274899	4.42%	0.572%
61	14.341	1955	1958	1960	rBV3	212608	289145	1.00%	0.130%
62	14.606	1999	2003	2010	rVB6	618669	1266908	4.39%	0.568%
63	14.888	2036	2051	2055	rBV	7962328	26236987	90.94%	11.769%
64	15.064	2072	2081	2090	rBV6	2314556	7025618	24.35%	3.151%
65	15.176	2097	2100	2102	rBV	293446	312487	1.08%	0.140%
66	15.223	2103	2108	2112	rVB	1281553	1989115	6.89%	0.892%
67	15.287	2113	2119	2123	rBV6	908832	2120908	7.35%	0.951%
68	15.693	2171	2188	2191	rBV	8041687	28851630	100.00%	12.942%
69	15.722	2191	2193	2199	rVB	1331979	1507632	5.23%	0.676%
70	15.922	2223	2227	2230	rBV	732284	1071350	3.71%	0.481%
71	15.998	2234	2240	2246	rVV6	1102414	3067507	10.63%	1.376%

LSC Area Percent Report

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Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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	16.186	2264	2272	2281	rVB8	1713338	5301165	18.37%	2.378%
73	16.292	2282	2290	2295	rBV7	855551	2336874	8.10%	1.048%
74	16.345	2295	2299	2303	rBV3	651230	1263474	4.38%	0.567%
75	16.492	2319	2324	2328	rVV2	1507825	2282012	7.91%	1.024%
76	16.556	2329	2335	2345	rVB5	1973618	4308581	14.93%	1.933%
77	16.785	2368	2374	2375	rBV3	1046532	1920719	6.66%	0.862%
78	17.273	2451	2457	2468	rVB6	2325759	5909670	20.48%	2.651%
79	17.420	2478	2482	2487	rVB	2594656	3861950	13.39%	1.732%
80	17.491	2488	2494	2498	rBV2	3774868	6433520	22.30%	2.886%
81	17.843	2549	2554	2559	rVB2	1688151	2696697	9.35%	1.210%
82	18.313	2630	2634	2635	rBV	934685	1210532	4.20%	0.543%
83	18.366	2638	2643	2648	rVB3	3035344	6659088	23.08%	2.987%
84	18.513	2662	2668	2671	rBV4	1473166	2969168	10.29%	1.332%
85	18.583	2677	2680	2683	rBV2	1236057	1602379	5.55%	0.719%
86	18.701	2695	2700	2705	rVB	1879452	2925388	10.14%	1.312%
87	19.212	2783	2787	2790	rBV2	1728959	2482692	8.61%	1.114%
88	19.488	2829	2834	2842	rVB2	1578621	3534188	12.25%	1.585%
89	19.711	2870	2872	2875	rVB3	737638	725847	2.52%	0.326%
90	19.758	2876	2880	2887	rVB5	1134962	2795193	9.69%	1.254%
91	19.817	2887	2890	2893	rBV2	1281500	1811708	6.28%	0.813%
92	20.757	3046	3050	3053	rBV	2062705	2905704	10.07%	1.303%
93	20.793	3053	3056	3057	rBV4	799293	795506	2.76%	0.357%
94	21.327	3143	3147	3154	rVB4	1692527	2821539	9.78%	1.266%
95	21.421	3160	3163	3166	rVB3	730498	877264	3.04%	0.394%
96	21.486	3170	3174	3184	rVB3	2291118	3808949	13.20%	1.709%
97	21.844	3229	3235	3244	rBV2	3355640	6429518	22.28%	2.884%
98	22.526	3345	3351	3358	rBV	2295259	3919546	13.59%	1.758%
99	22.608	3360	3365	3372	rVB	1808323	3736431	12.95%	1.676%
100	22.690	3376	3379	3383	rBV2	842605	1234560	4.28%	0.554%

Sum of corrected areas: 222932539

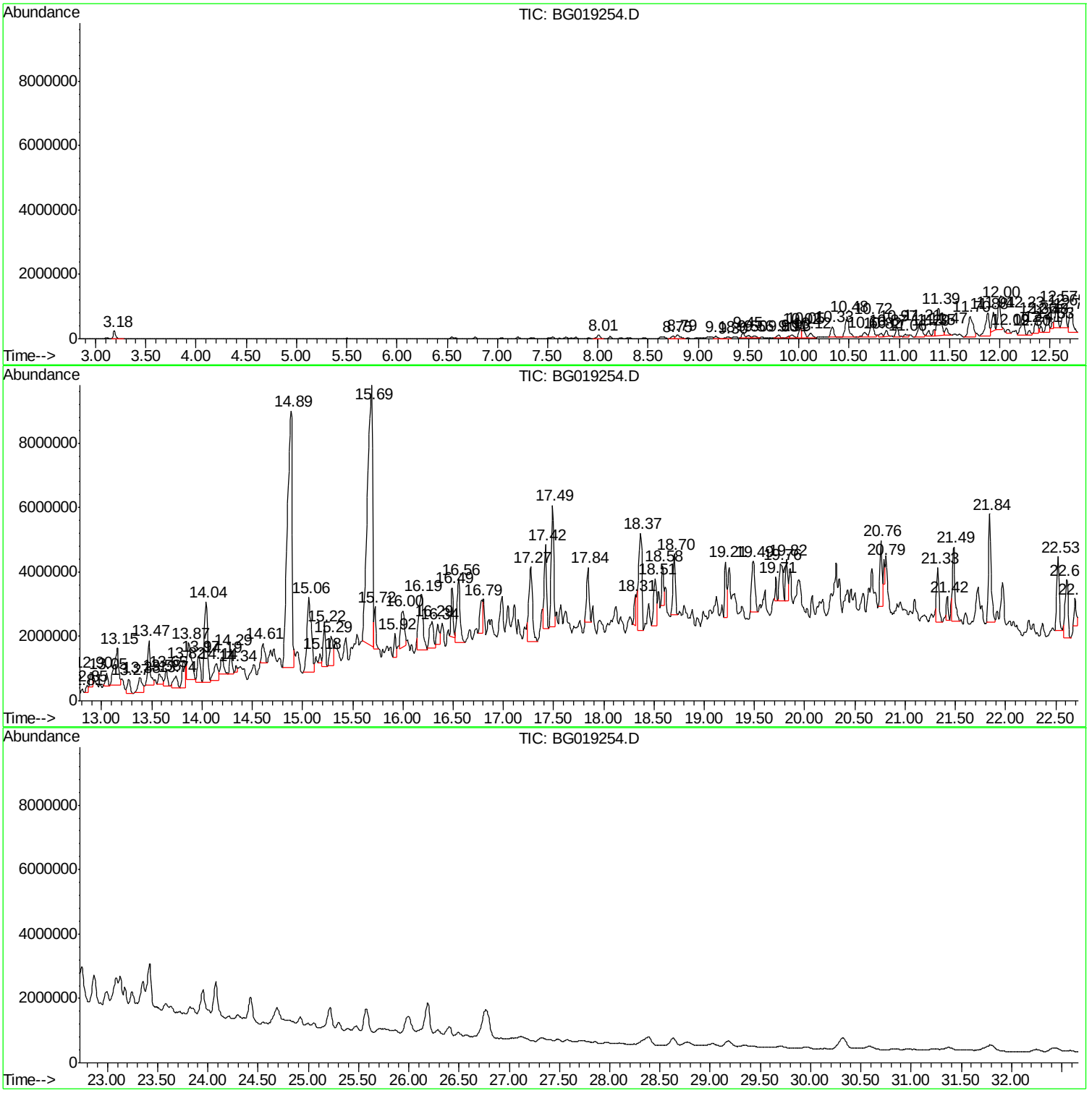
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK2

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\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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

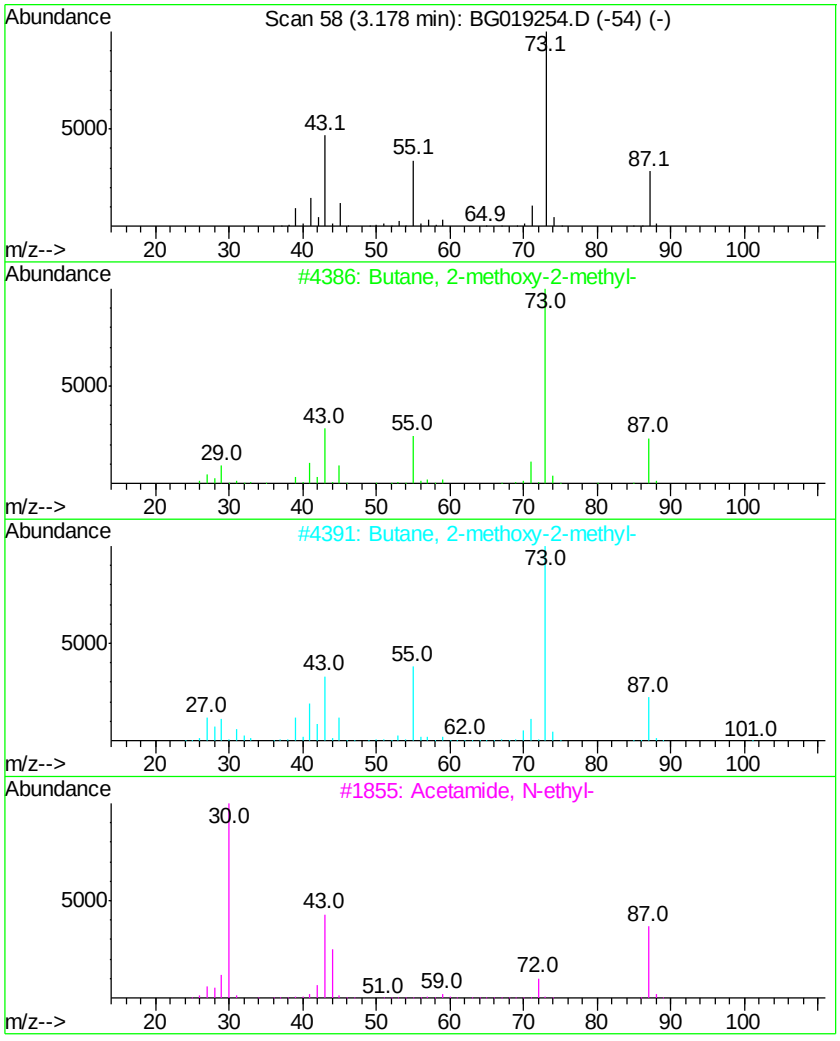
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

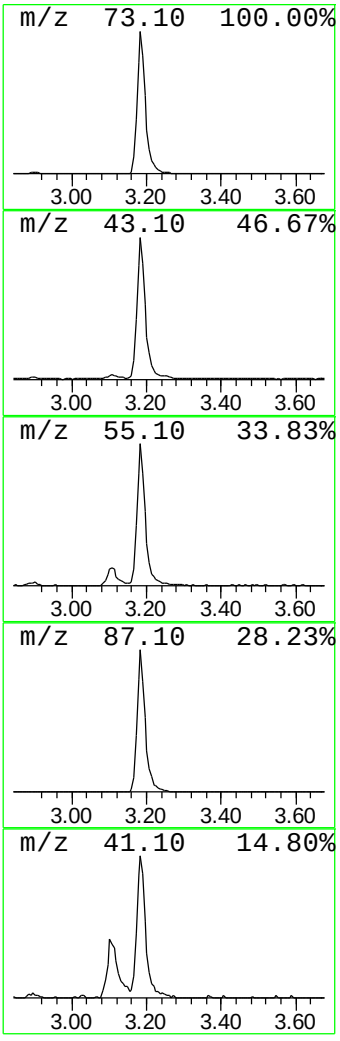
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	31.26 ng/ul	394527	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	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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

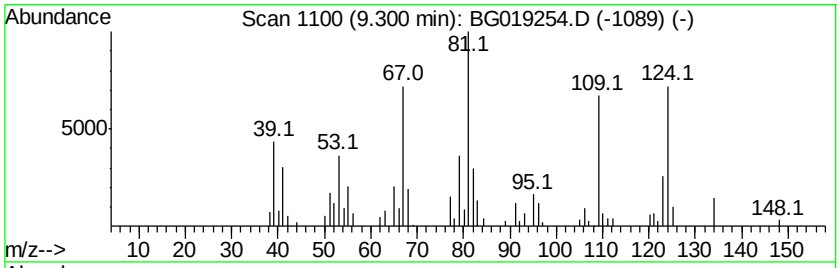
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

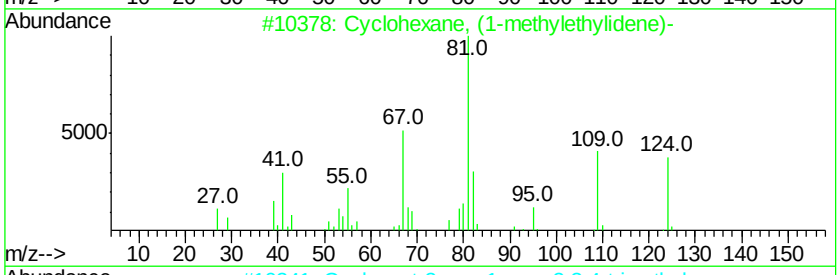
****

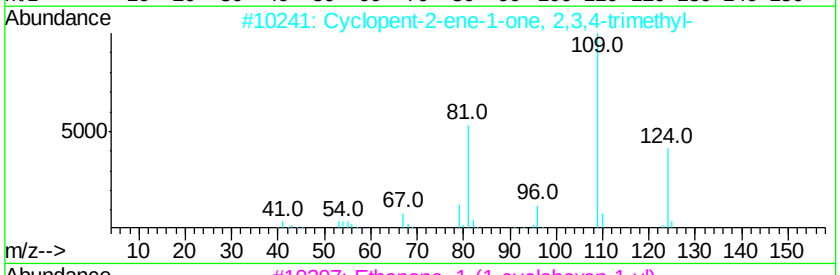
Peak Number 2 Cyclohexane, (1-methylethyl... Concentration Rank 60

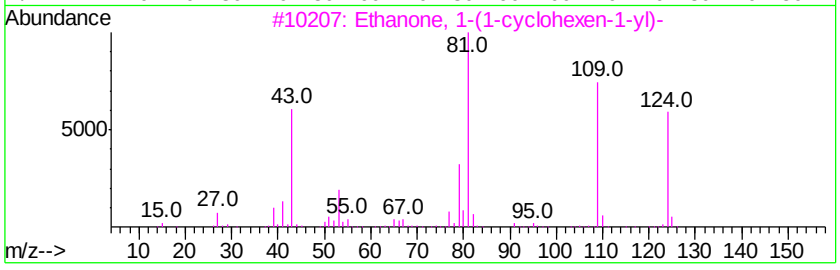
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	10.87 ng/ul	137204	1,4-Dichlorobenzene-d4	8.01

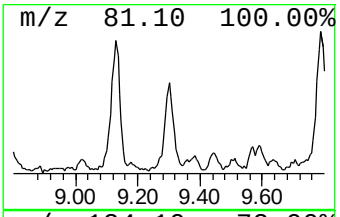
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	72
2	Cyclopent-2-ene-1-one, 2,3,4-tri...	124	C8H12O	083321-16-8	64
3	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	64
4	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	46
5	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	43

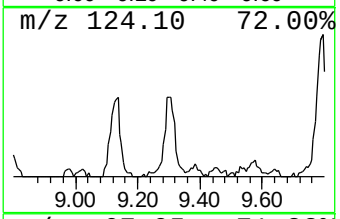


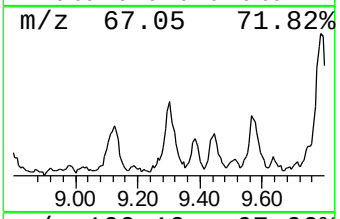


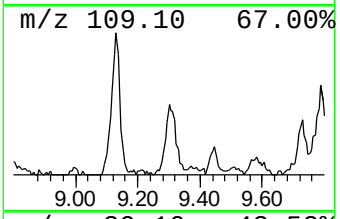


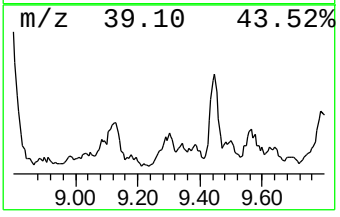












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
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Sample : G3996-15
Misc :
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Instrument : BNA_G
ClientSampleId : E5LK2

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

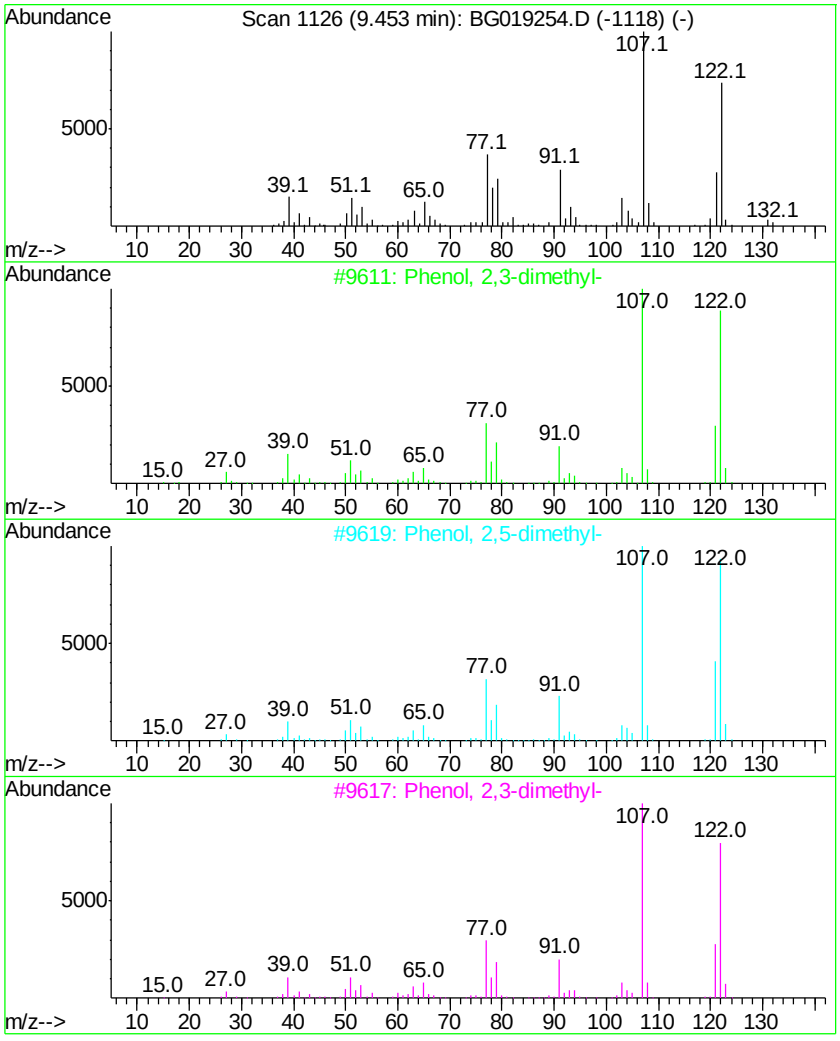
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

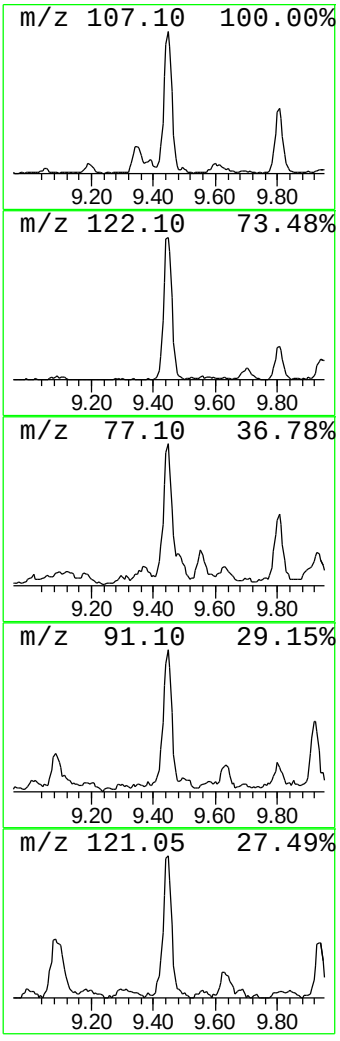
****

Peak Number 3 Phenol, 2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	36.25 ng/ul	337290	Naphthalene-d8	10.82

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





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Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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

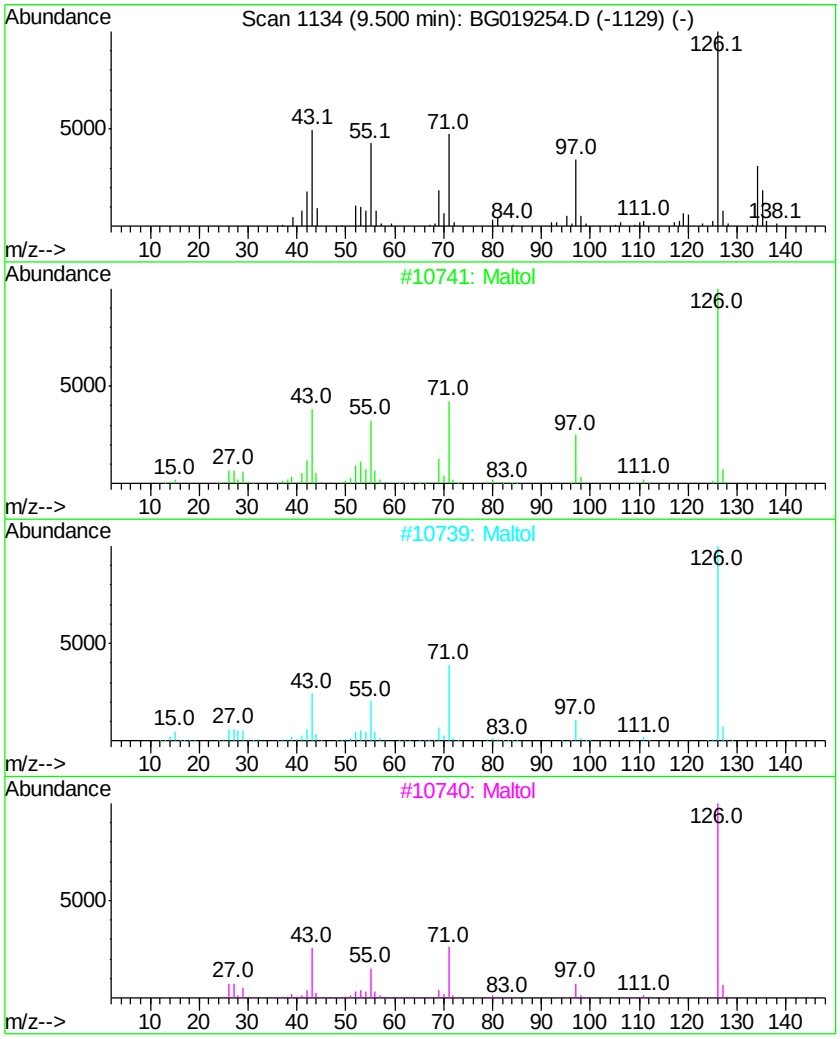
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

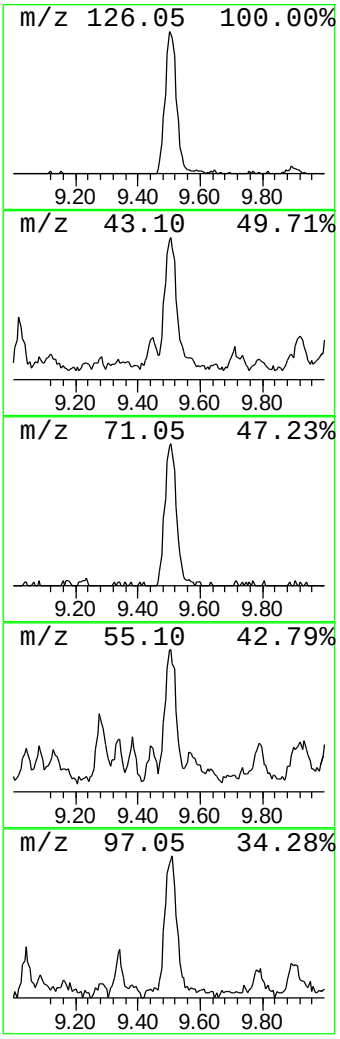
****

Peak Number 4 Maltol Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	18.41 ng/ul	171306	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Maltol	126	C6H6O3	000118-71-8	89
2	Maltol	126	C6H6O3	000118-71-8	58
3	Maltol	126	C6H6O3	000118-71-8	58
4	Maltol	126	C6H6O3	000118-71-8	58
5	4,5-Diamino-6-hydroxypyrimidine	126	C4H6N4O	001672-50-0	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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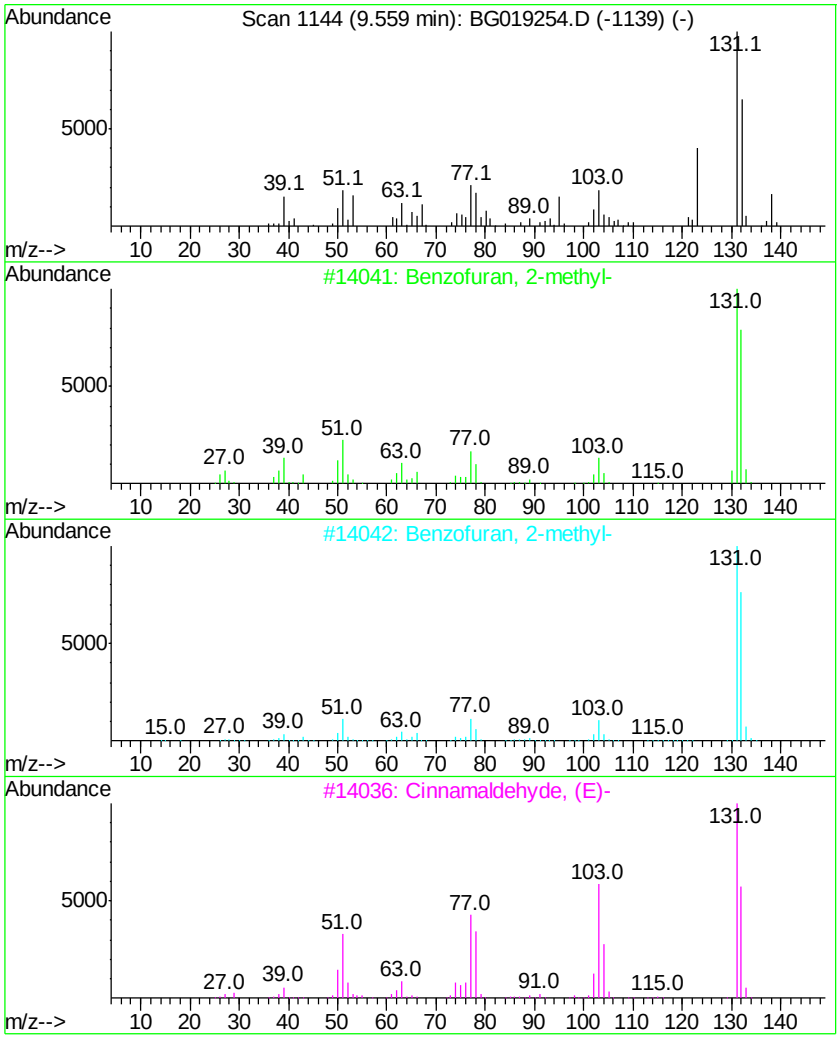
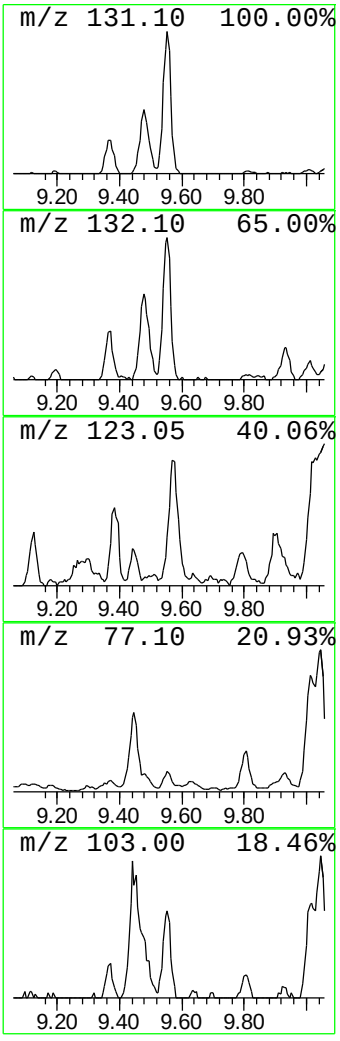
Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	14.44 ng/ul	134401	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	64
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	58
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	52
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	52
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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

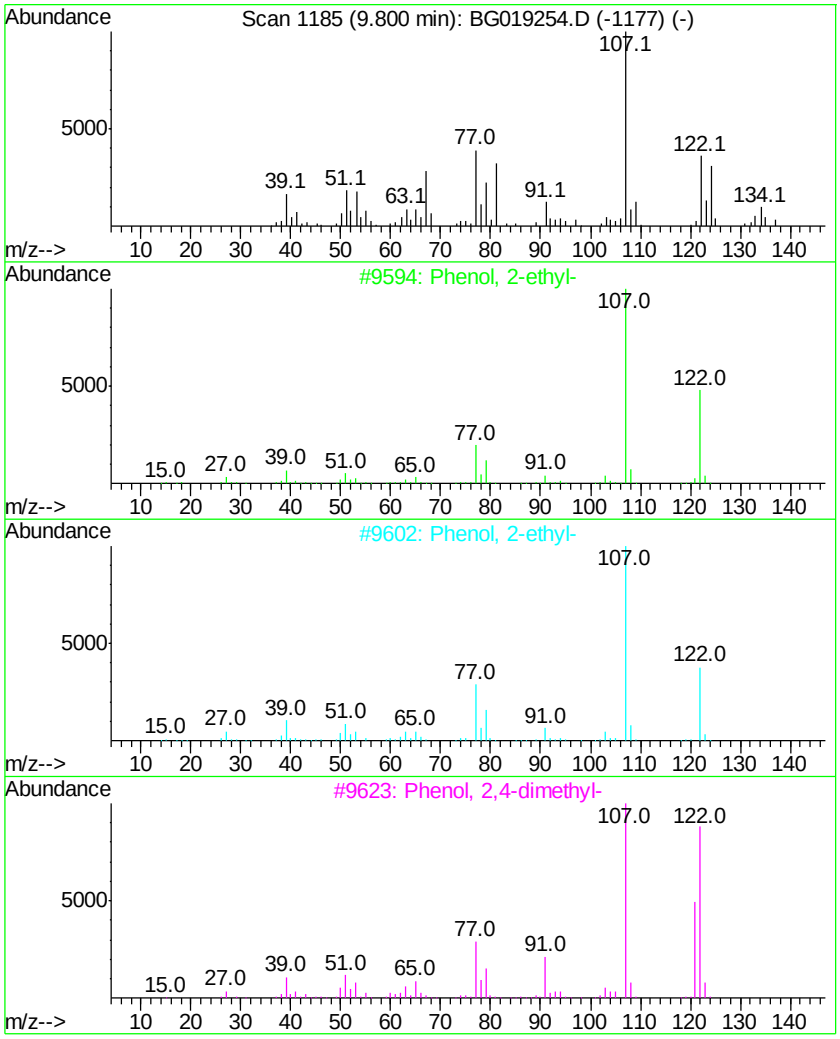
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

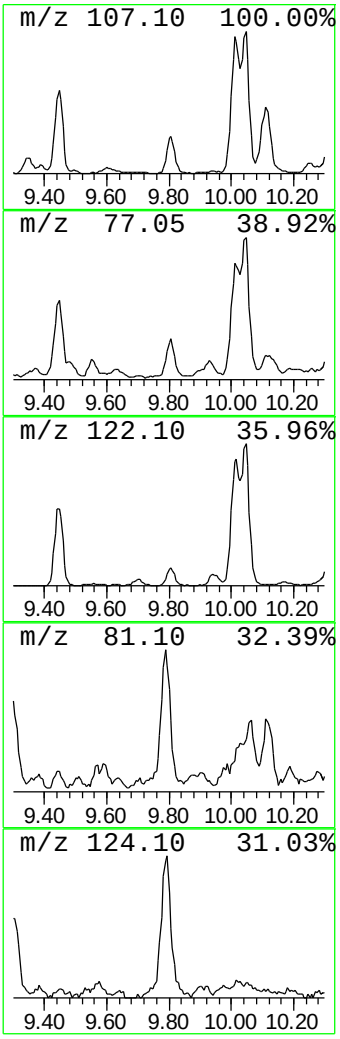
****

Peak Number 6 Phenol, 2-ethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	25.94 ng/ul	241403	Naphthalene-d8	10.82

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, 2,4-dimethyl-	122	C8H10O	000105-67-9	62
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	62
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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

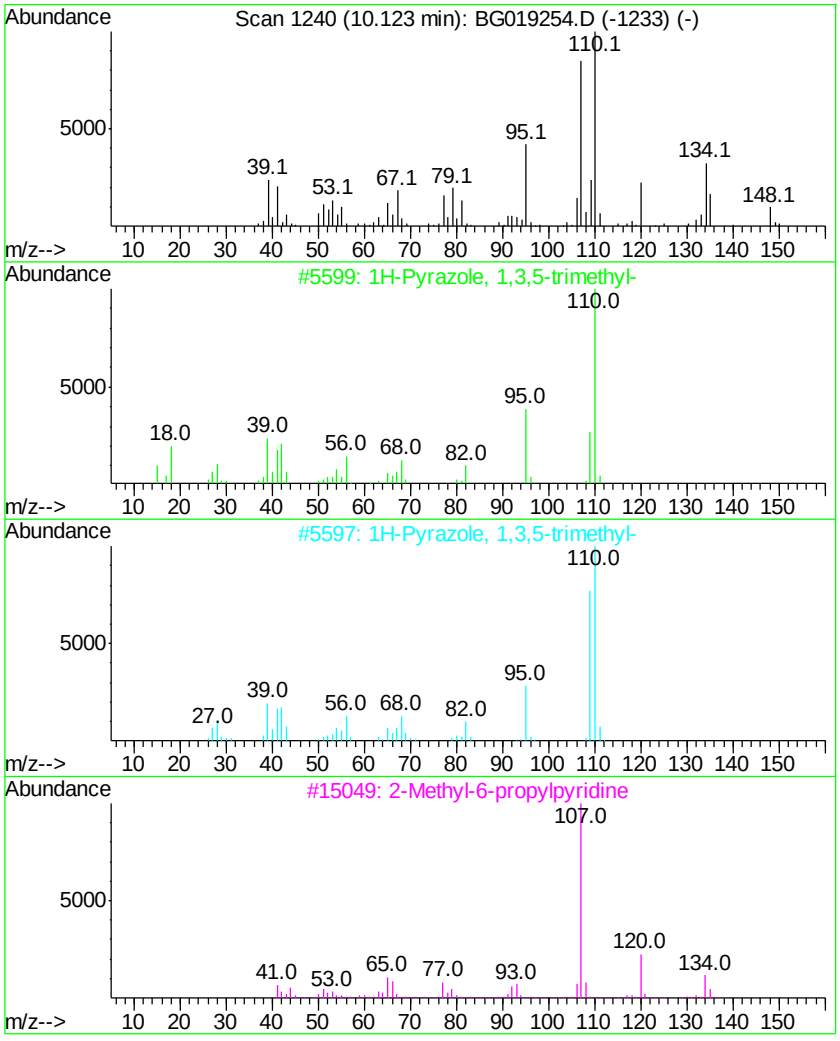
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

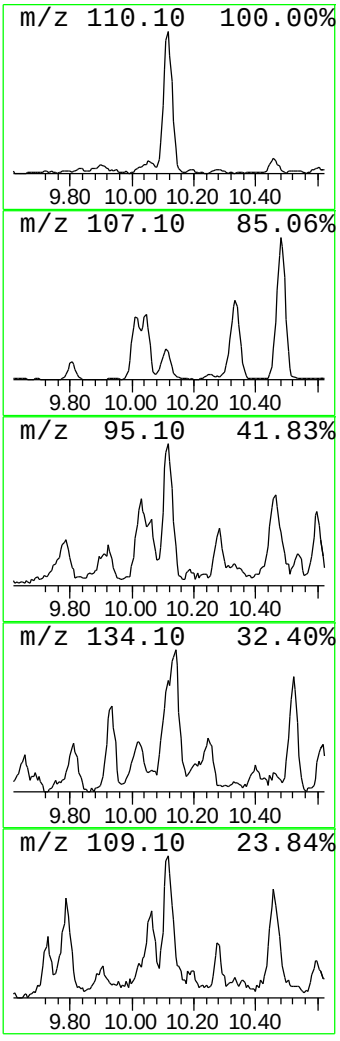
****

Peak Number 7 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	37.49 ng/ul	348900	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	27
2	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	27
3	2-Methyl-6-propylpyridine	135	C9H13N	005397-28-4	22
4	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	20
5	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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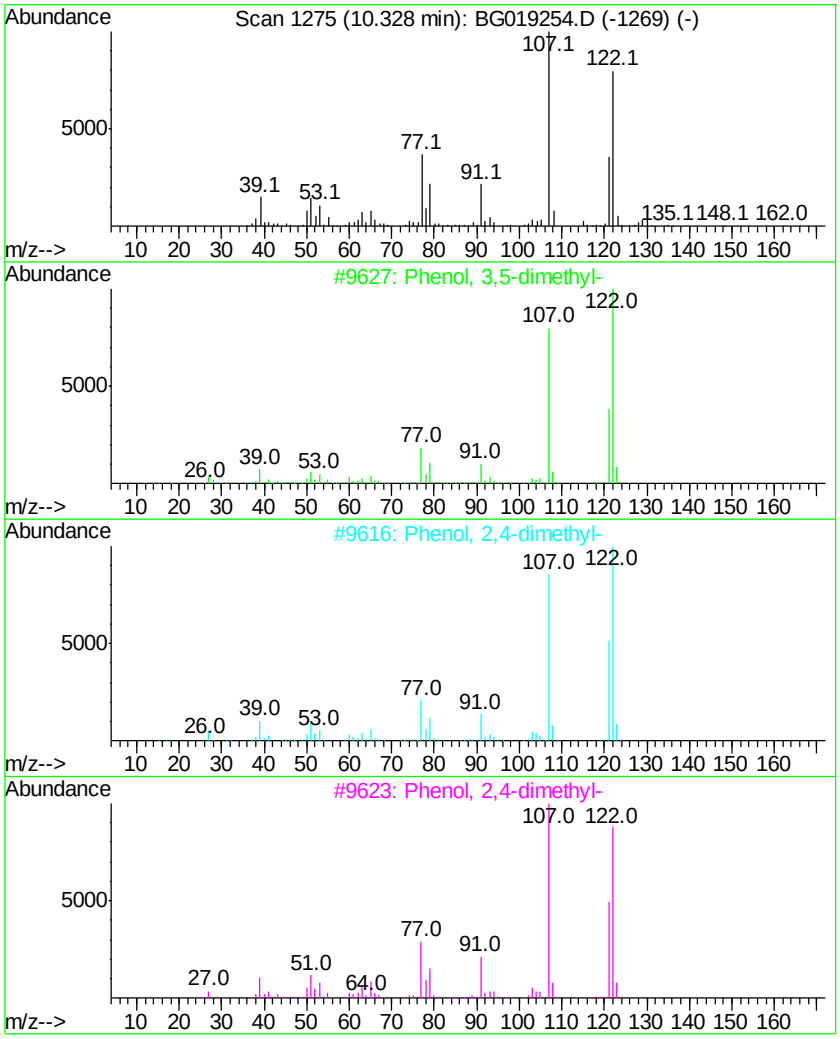
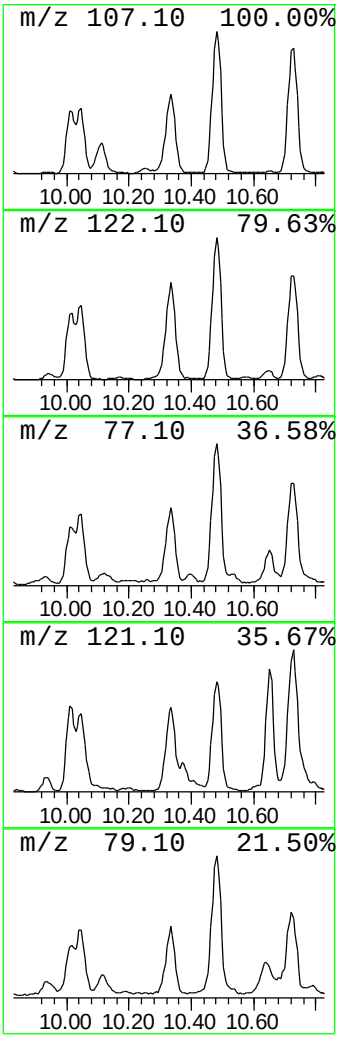
Peak Number 8 Phenol, 3,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	78.54 ng/ul	730869	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	93
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	91
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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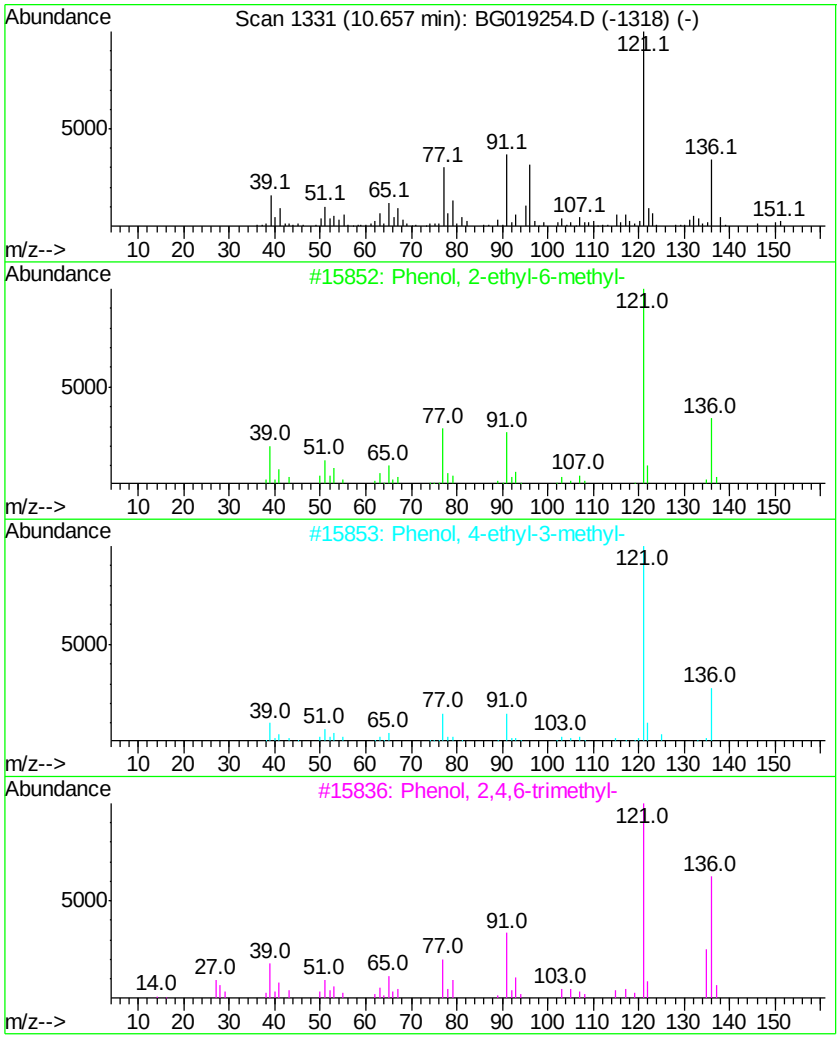
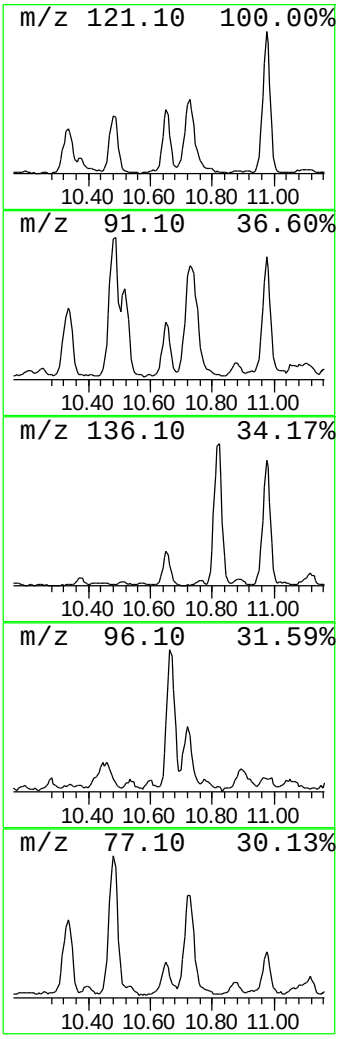
Peak Number 9 Phenol, 2-ethyl-6-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	48.53 ng/ul	451629	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	70
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	64
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	62
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	62
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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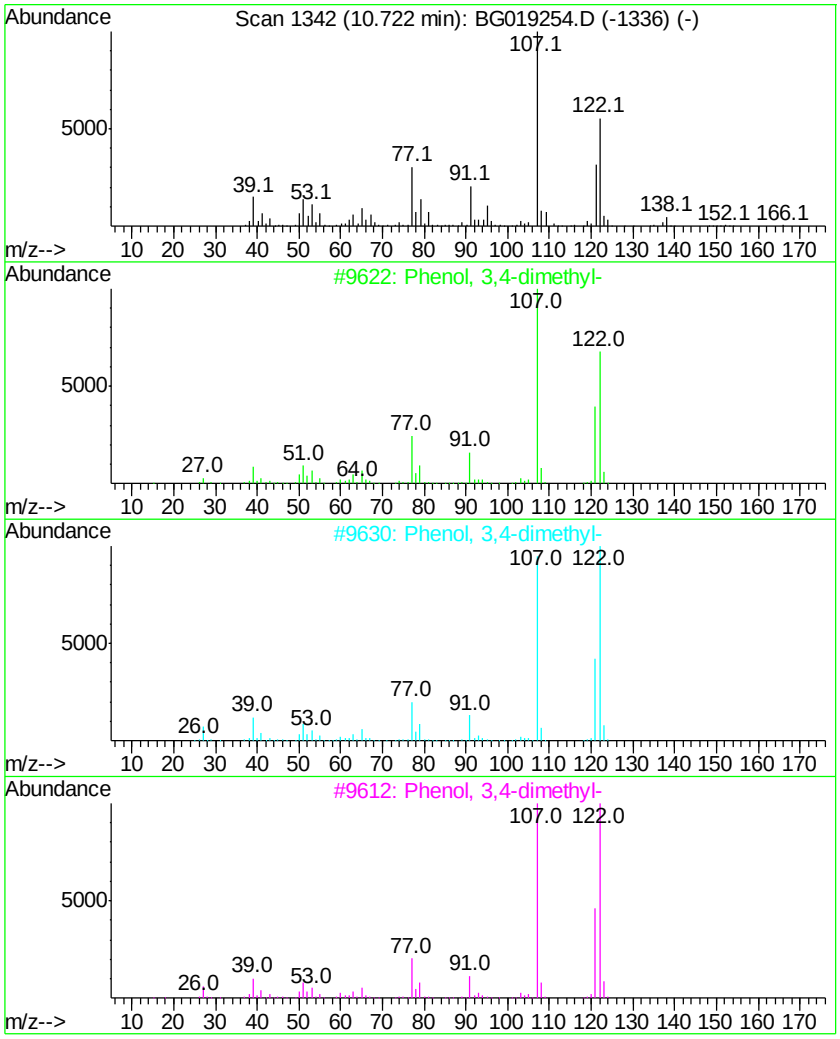
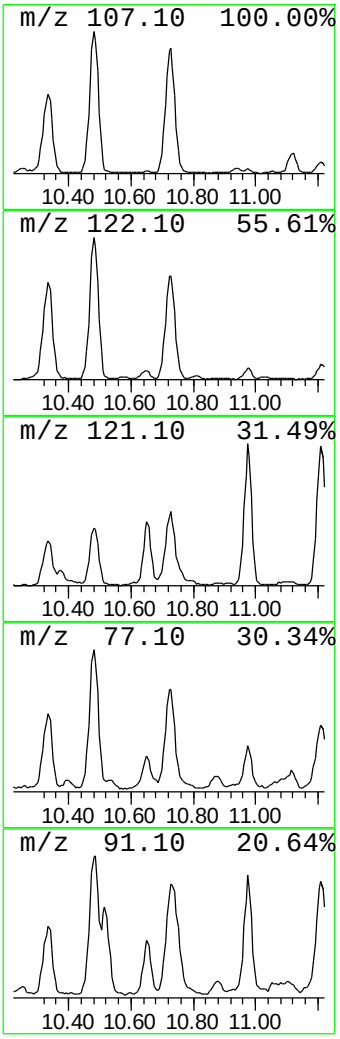
Peak Number 10 Phenol, 3,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	141.74 ng/ul	1318950	Naphthalene-d8	10.82

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, 3,4-dimethyl-	122	C8H10O	000095-65-8	93
4	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	90
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	90





Library Search Compound Report

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Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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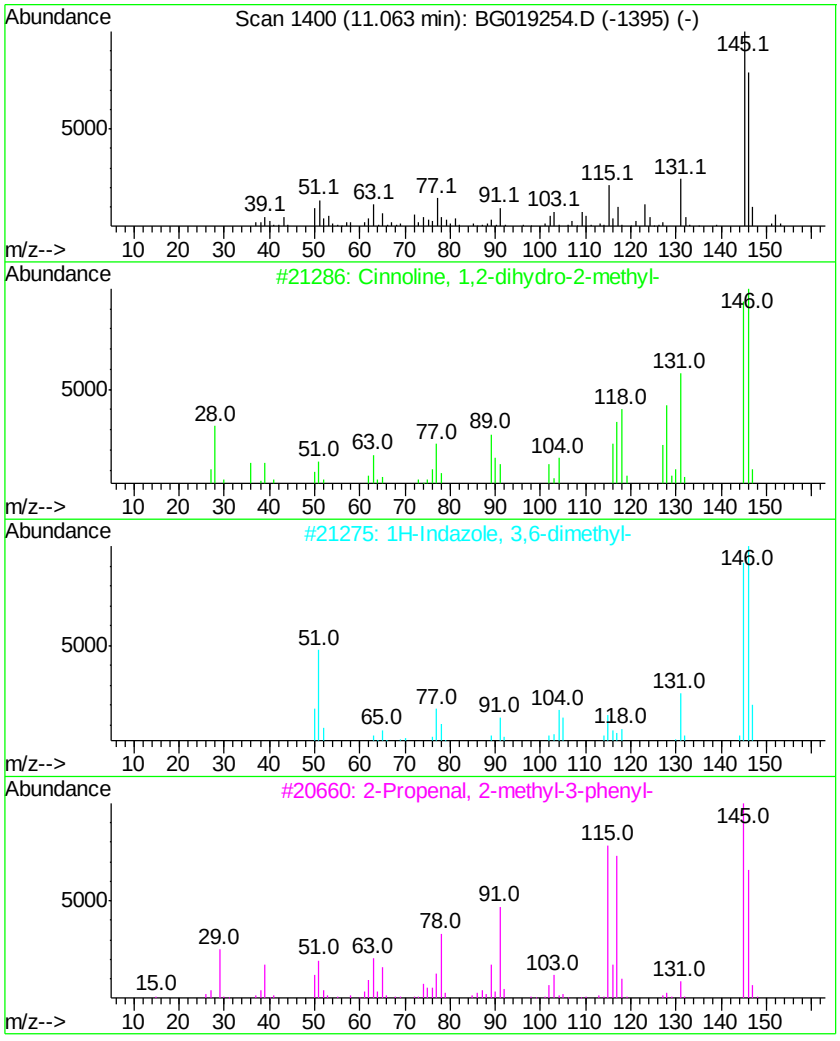
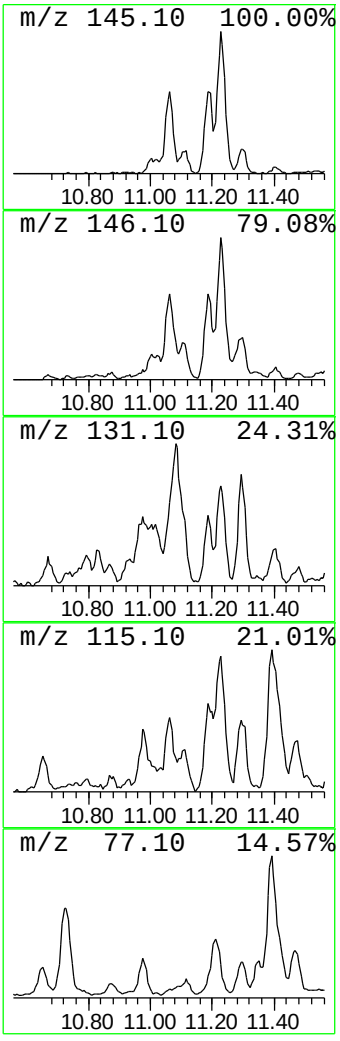
Peak Number 11 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	16.25 ng/ul	151253	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	64
2	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	64
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
4	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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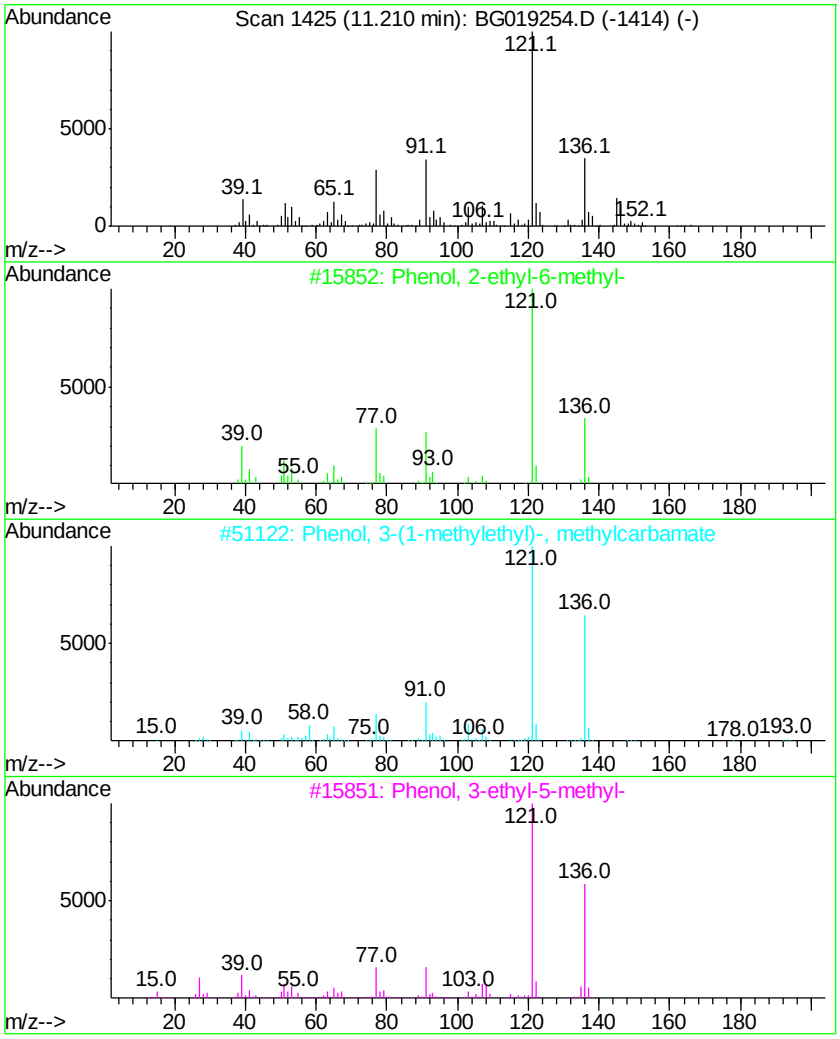
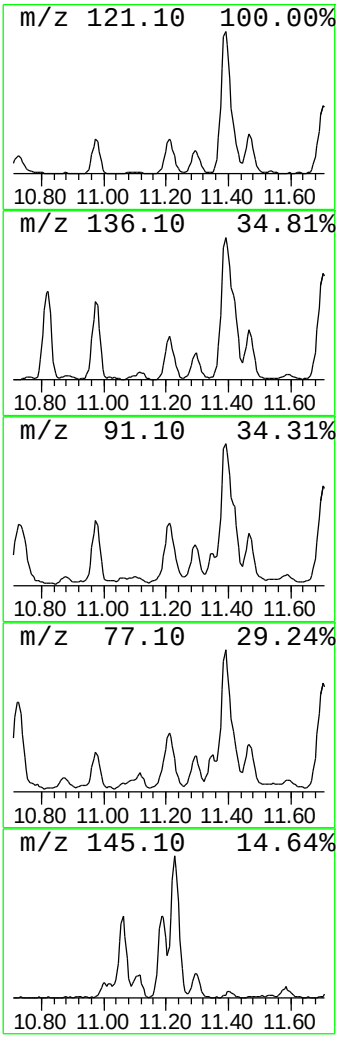
Peak Number 12 Phenol, 3-(1-methylethyl)-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	131.60 ng/ul	1224630	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	94
2	Phenol, 3-(1-methylethyl)-, meth...	193	C11H15NO2	000064-00-6	80
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	74
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	74
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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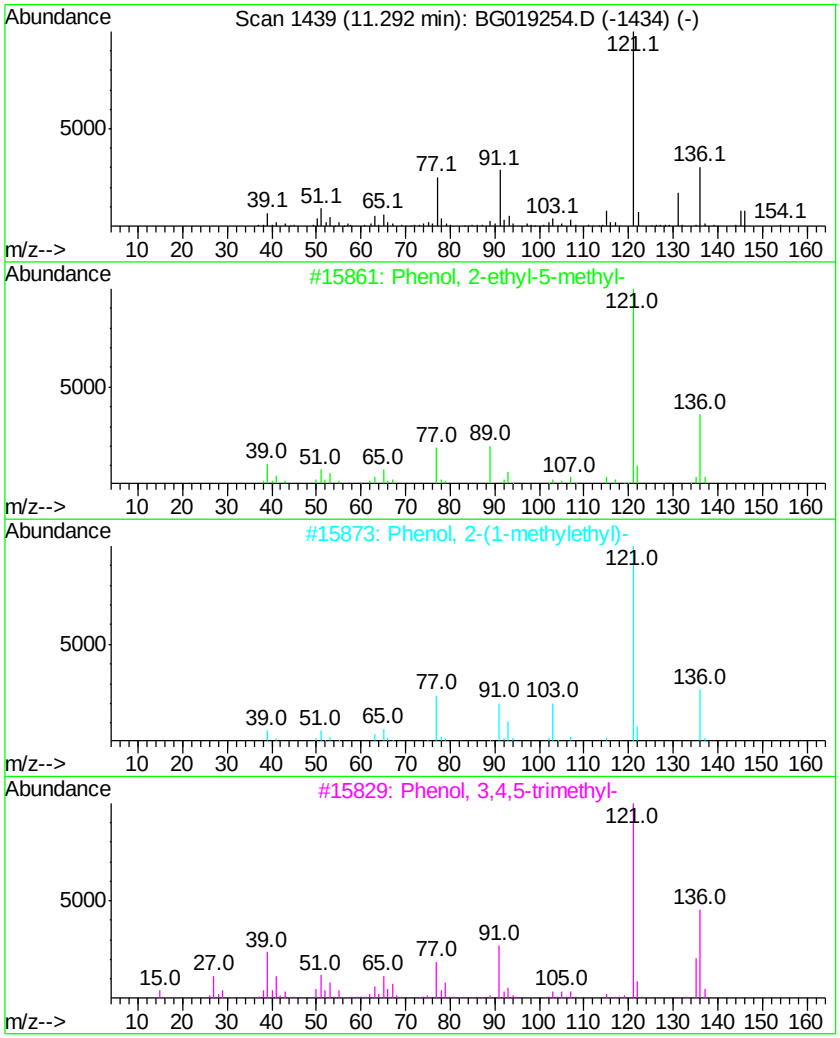
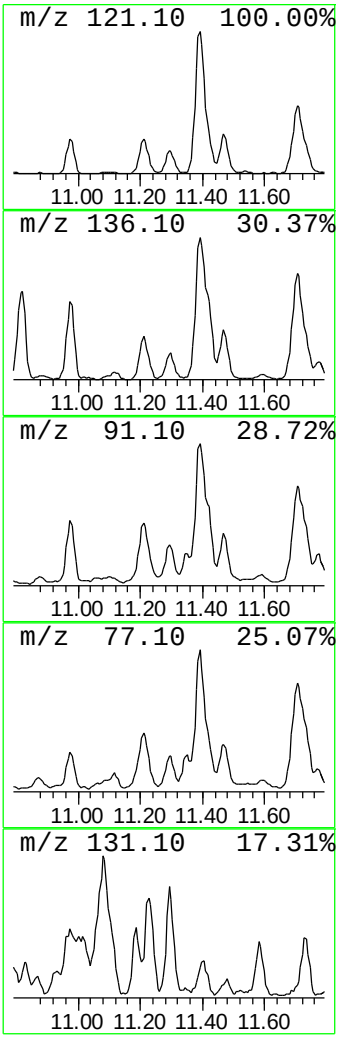
Peak Number 13 Phenol, 2-ethyl-5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	38.49 ng/ul	358150	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	70
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	68
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	64
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	59
5	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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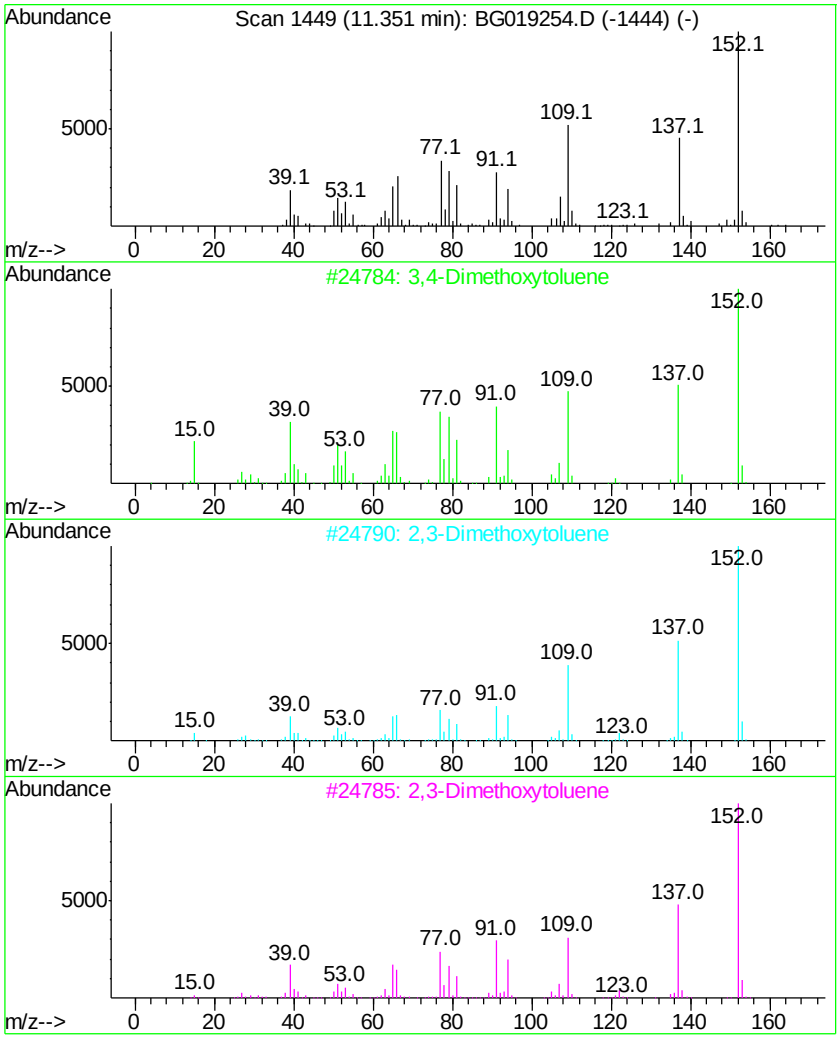
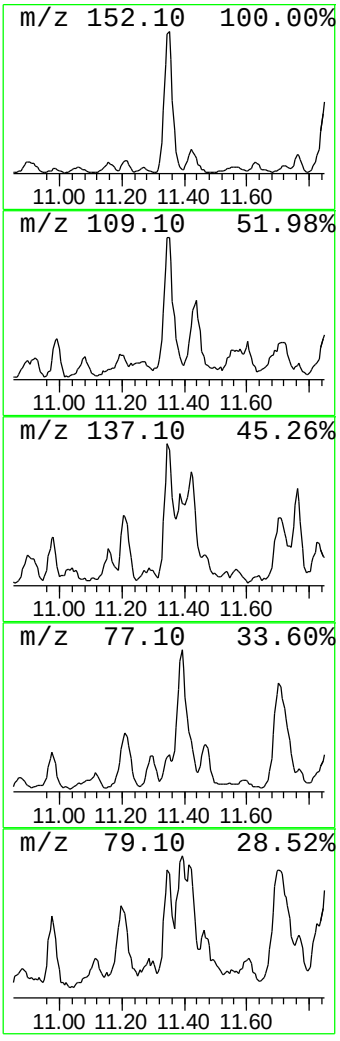
Peak Number 14 3,4-Dimethoxytoluene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	32.69 ng/ul	304219	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethoxytoluene	152	C9H12O2	000494-99-5	96
2	2,3-Dimethoxytoluene	152	C9H12O2	004463-33-6	91
3	2,3-Dimethoxytoluene	152	C9H12O2	004463-33-6	83
4	3,4-Dimethoxytoluene	152	C9H12O2	000494-99-5	59
5	Benzenamine, 2-methyl-5-nitro-	152	C7H8N2O2	000099-55-8	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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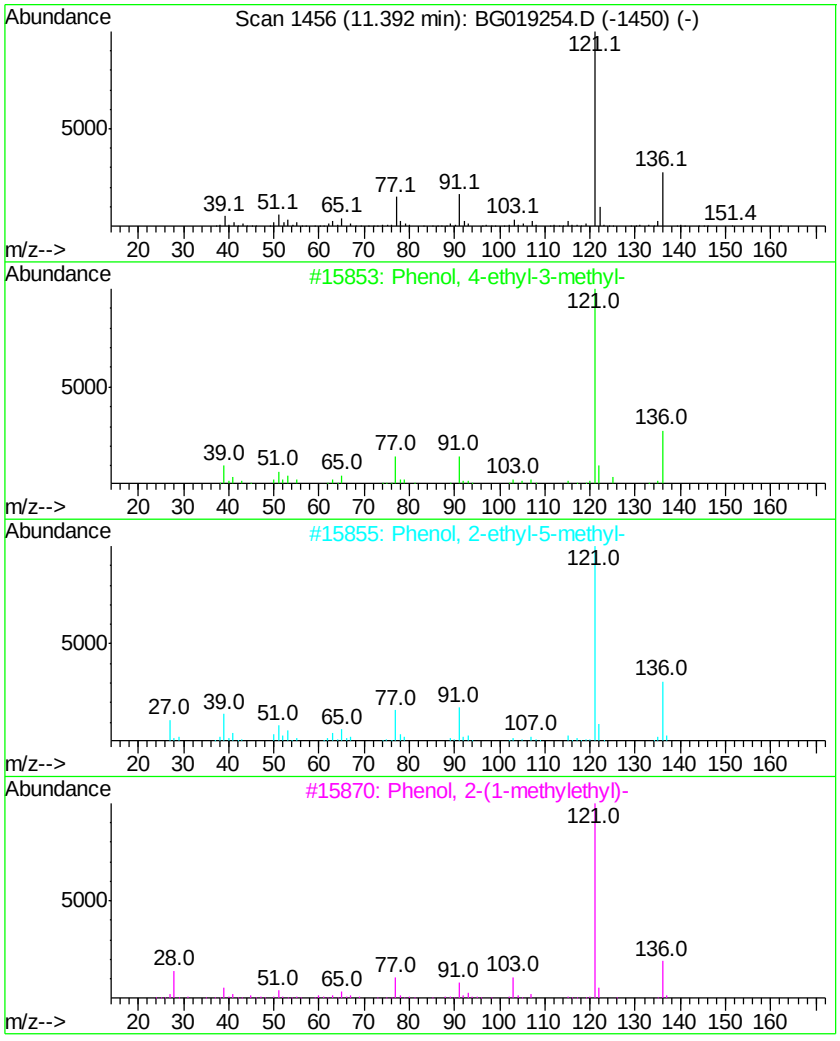
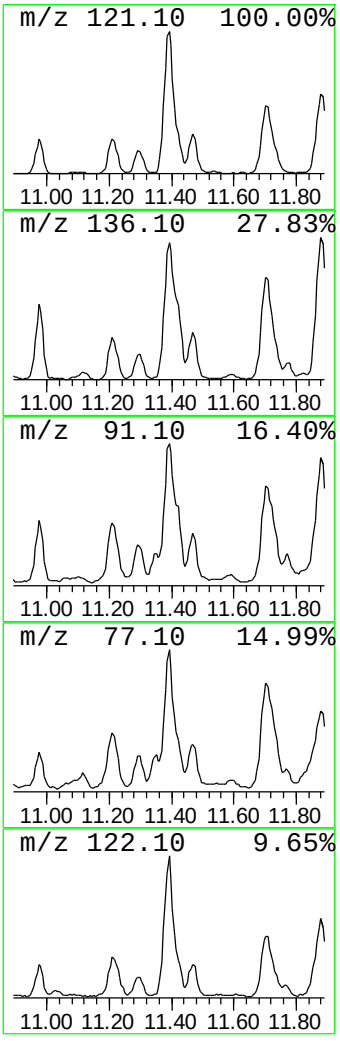
Peak Number 15 Phenol, 4-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	249.70 ng/ul	2323640	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	86
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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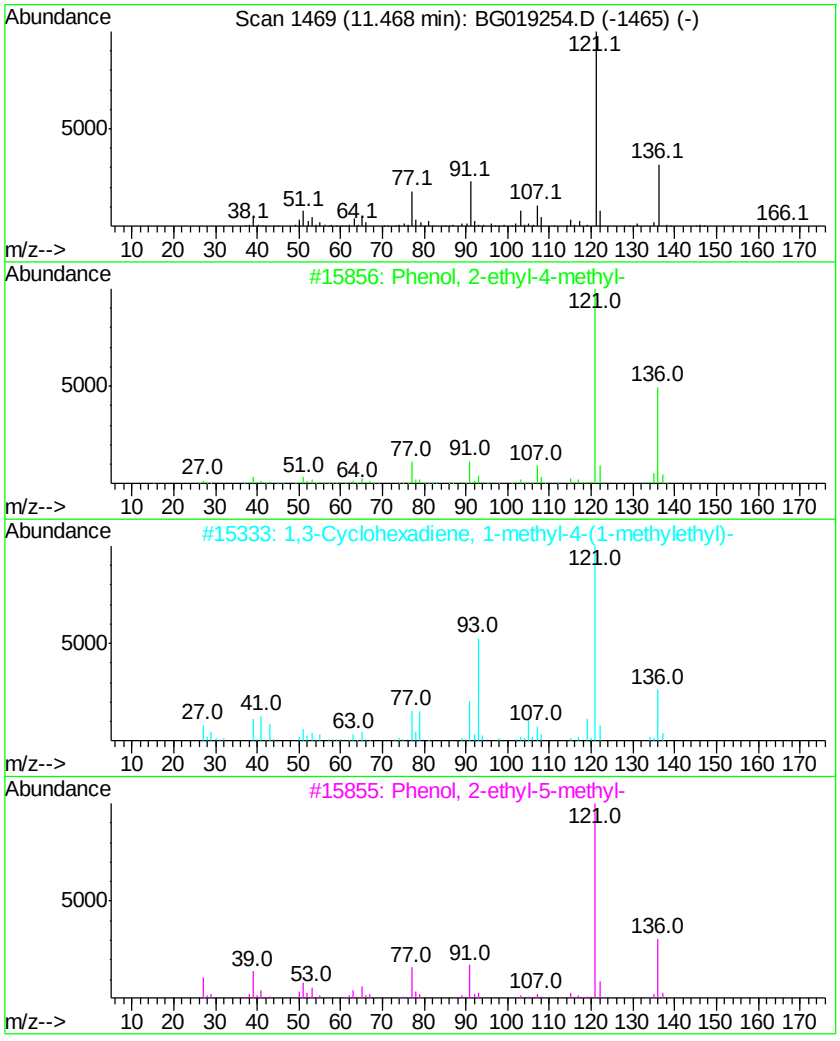
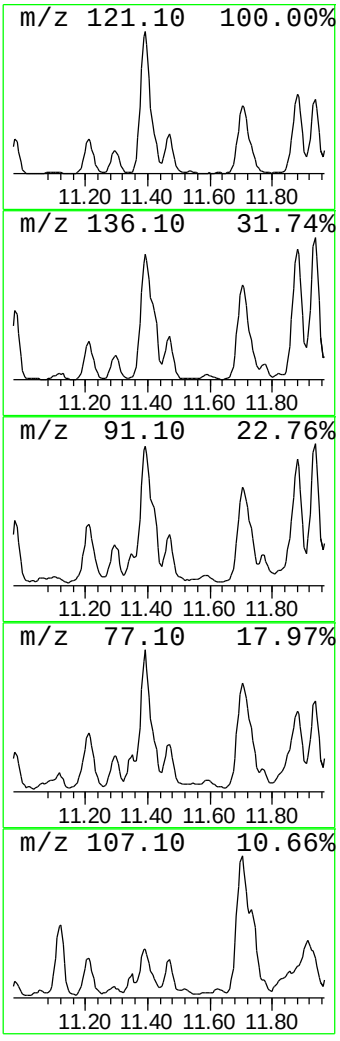
Peak Number 16 Phenol, 2-ethyl-4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	53.36 ng/ul	496581	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	90
2	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	90
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	80
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	80
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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

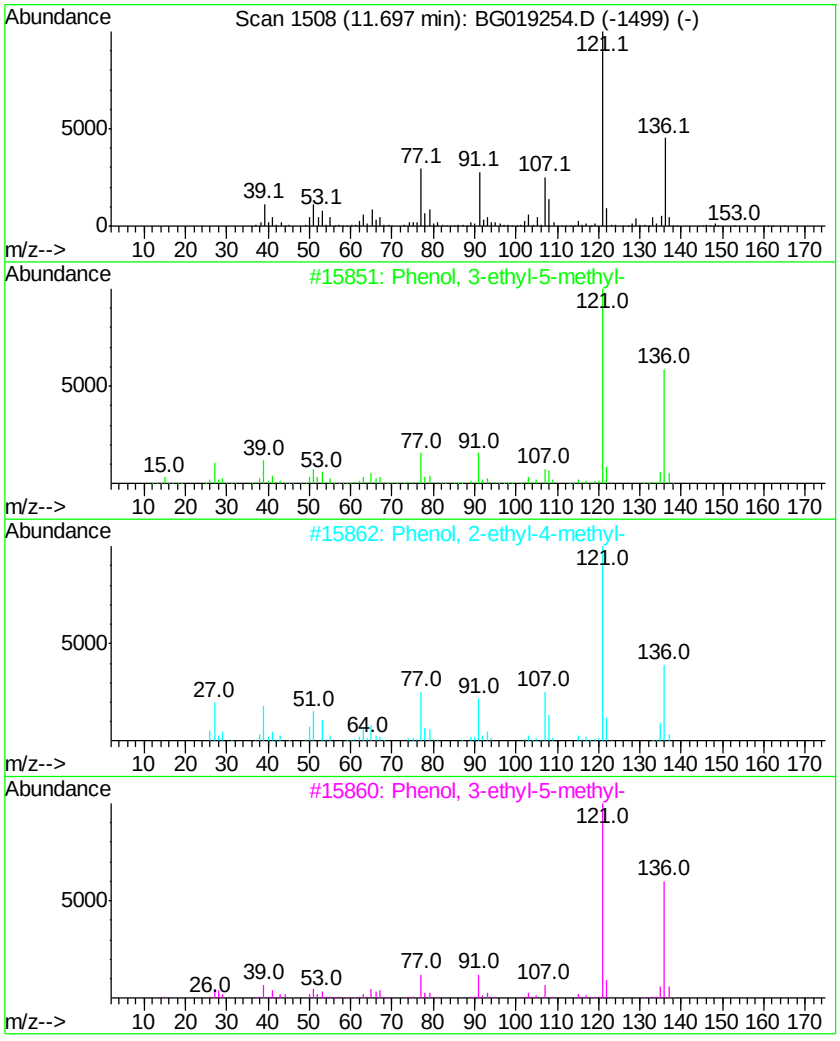
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

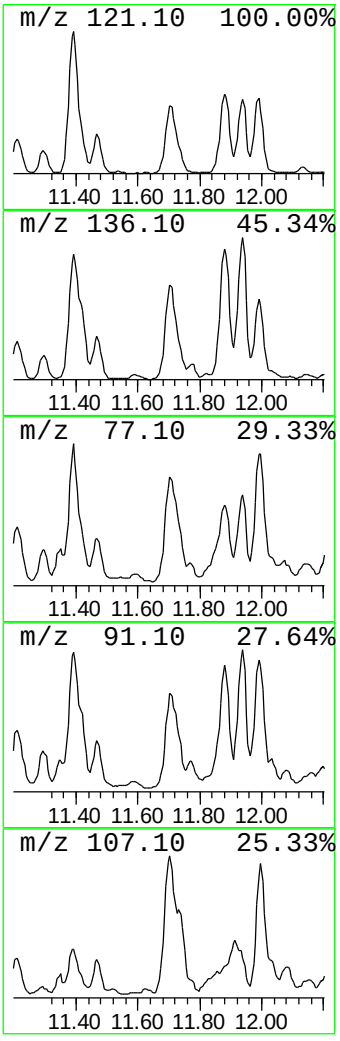
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	226.02 ng/ul	2103230	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	86
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	83
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	80
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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

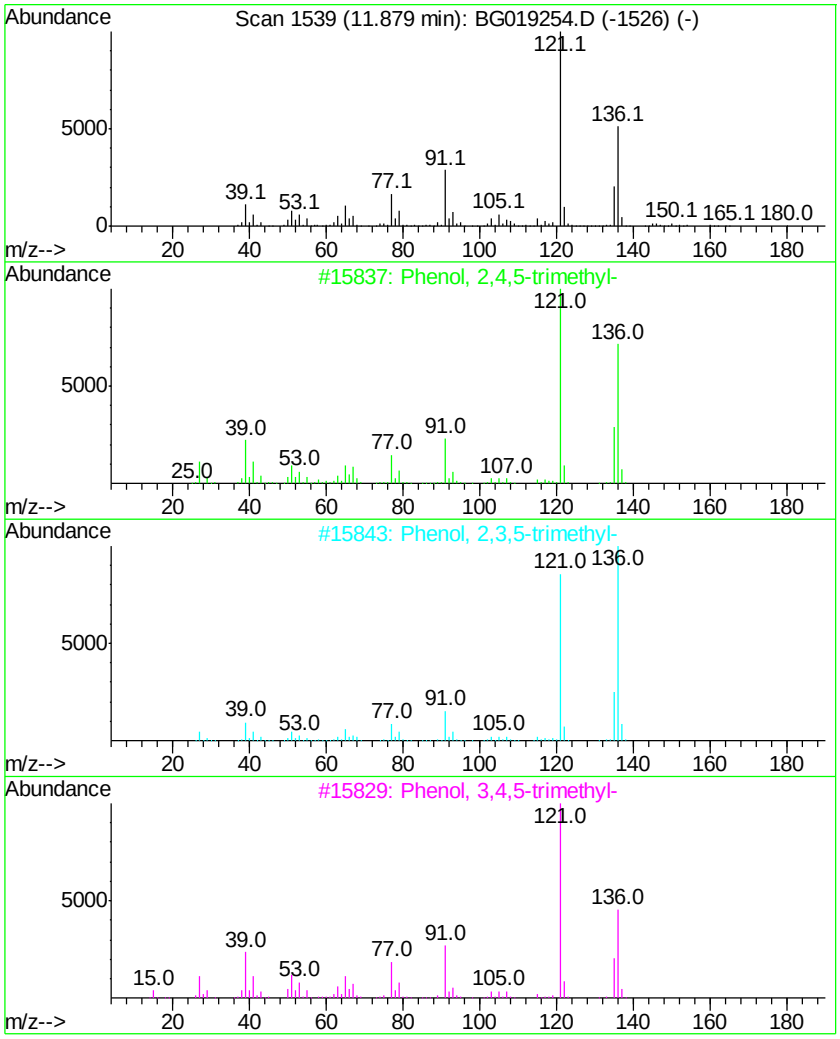
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

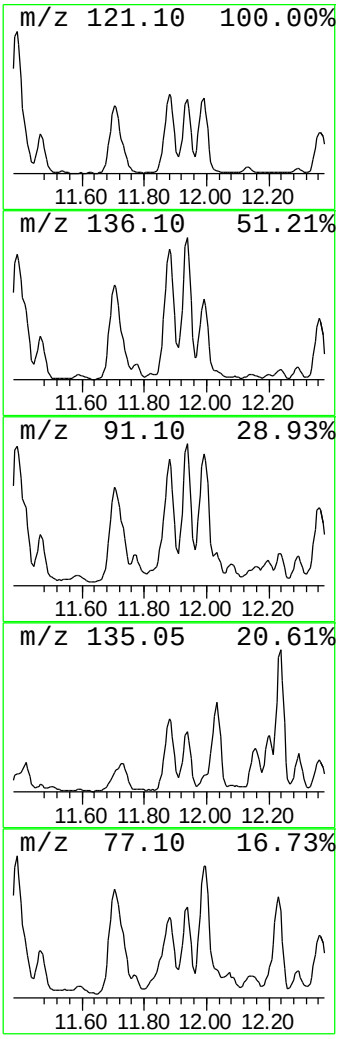
****

Peak Number 18 Phenol, 2,4,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	201.61 ng/ul	1876110	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	95
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	95
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	94
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	93
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	92





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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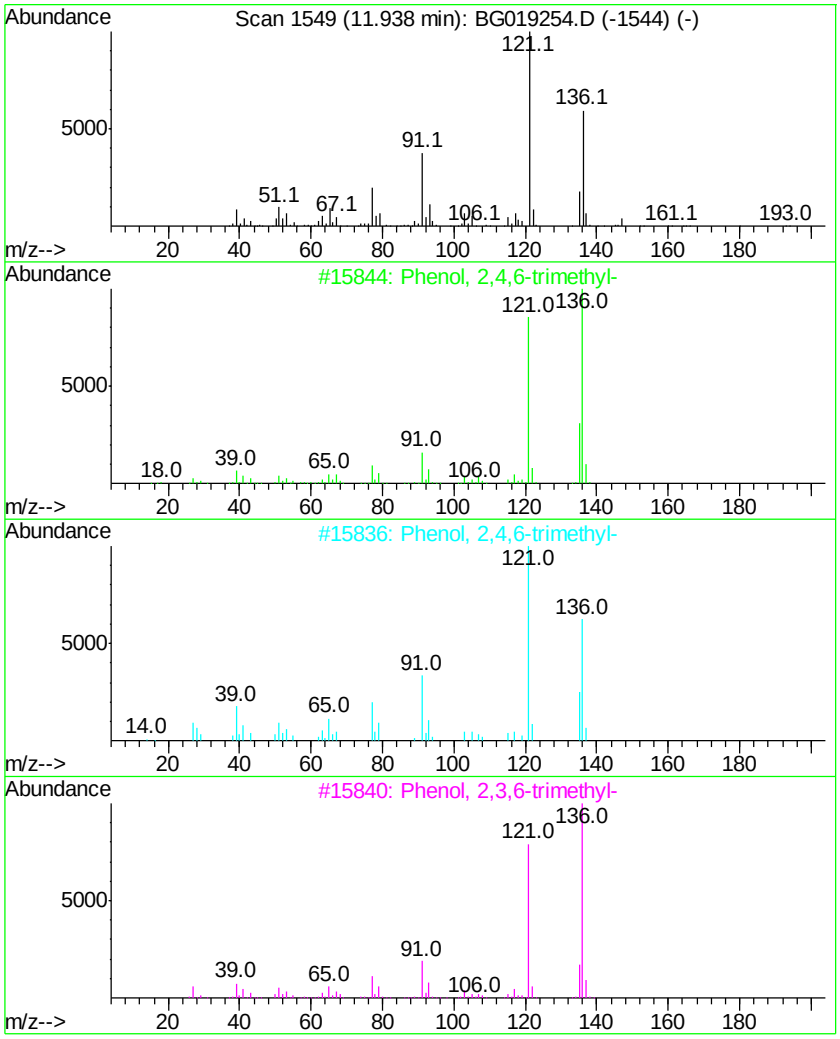
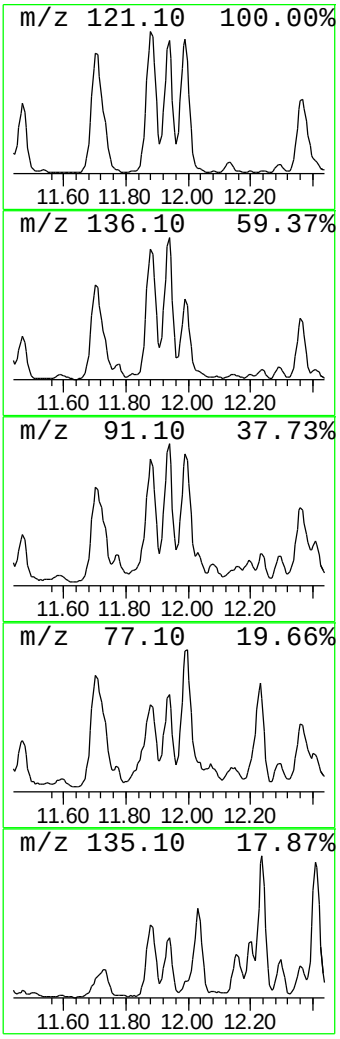
Peak Number 19 Phenol, 2,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	106.15 ng/ul	987817	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	91
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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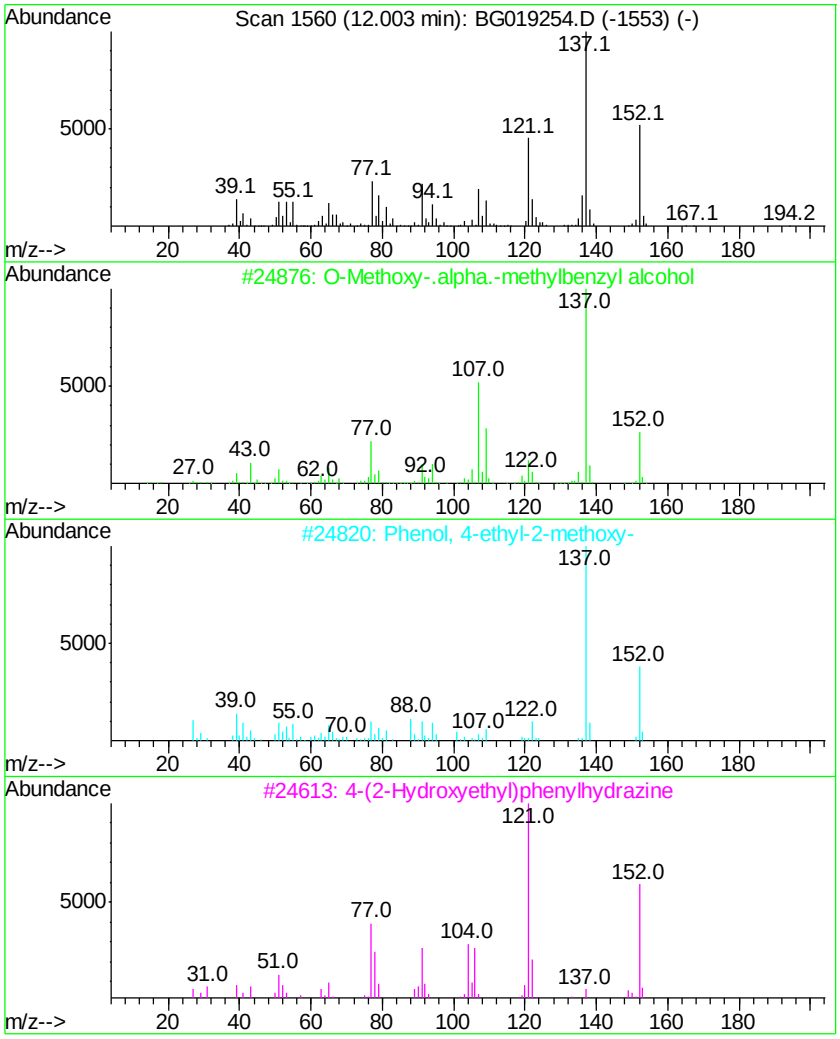
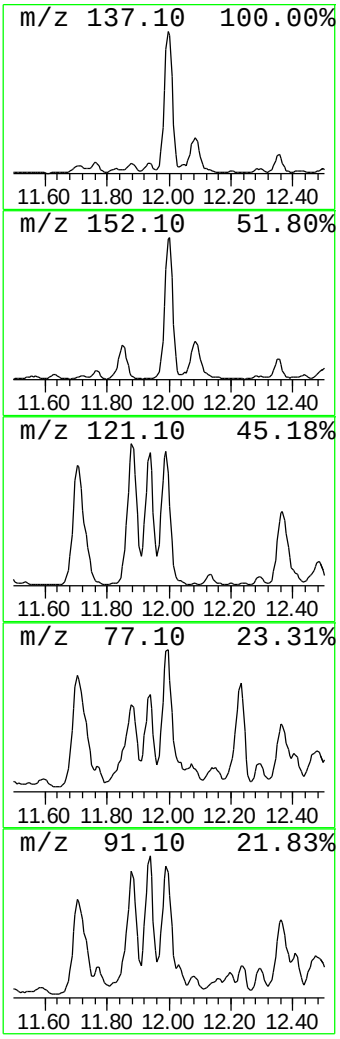
Peak Number 20 O-Methoxy-.alpha.-methylben... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	175.70 ng/ul	1635000	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	O-Methoxy-.alpha.-methylbenzyl a...	152	C9H12O2	013513-82-1	58
2	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	46
3	4-(2-Hydroxyethyl)phenylhydrazine	152	C8H12N2O	098489-50-0	43
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	41
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	41





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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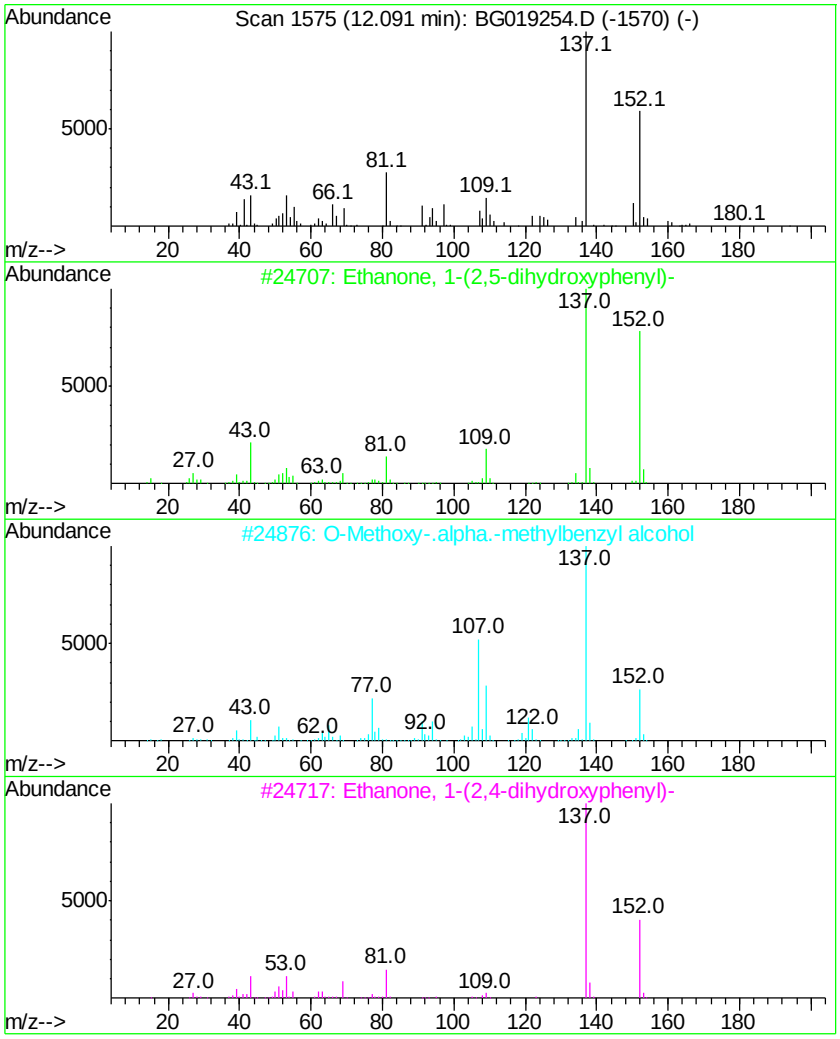
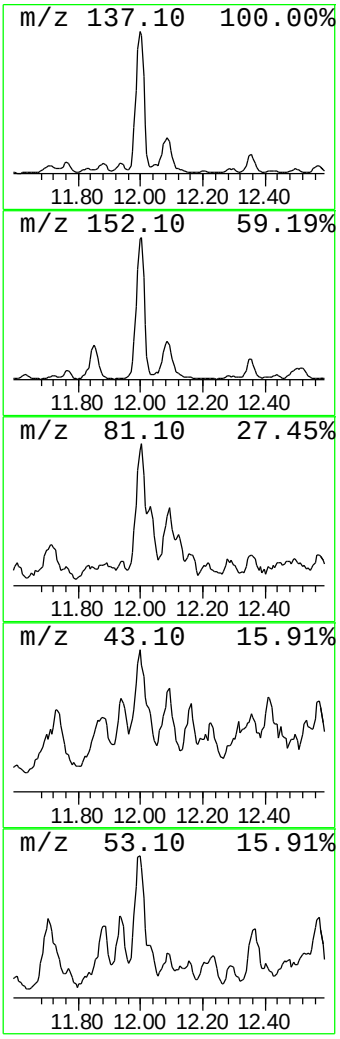
Peak Number 21 Ethanone, 1-(2,5-dihydroxyp... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	21.57 ng/ul	200706	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,5-dihydroxyphenyl)-	152	C8H8O3	000490-78-8	72
2	O-Methoxy-.alpha.-methylbenzyl a...	152	C9H12O2	013513-82-1	64
3	Ethanone, 1-(2,4-dihydroxyphenyl)-	152	C8H8O3	000089-84-9	58
4	3,4-Dihydroxyacetophenone	152	C8H8O3	001197-09-7	49
5	Ethanone, 1-(2,5-dihydroxyphenyl)-	152	C8H8O3	000490-78-8	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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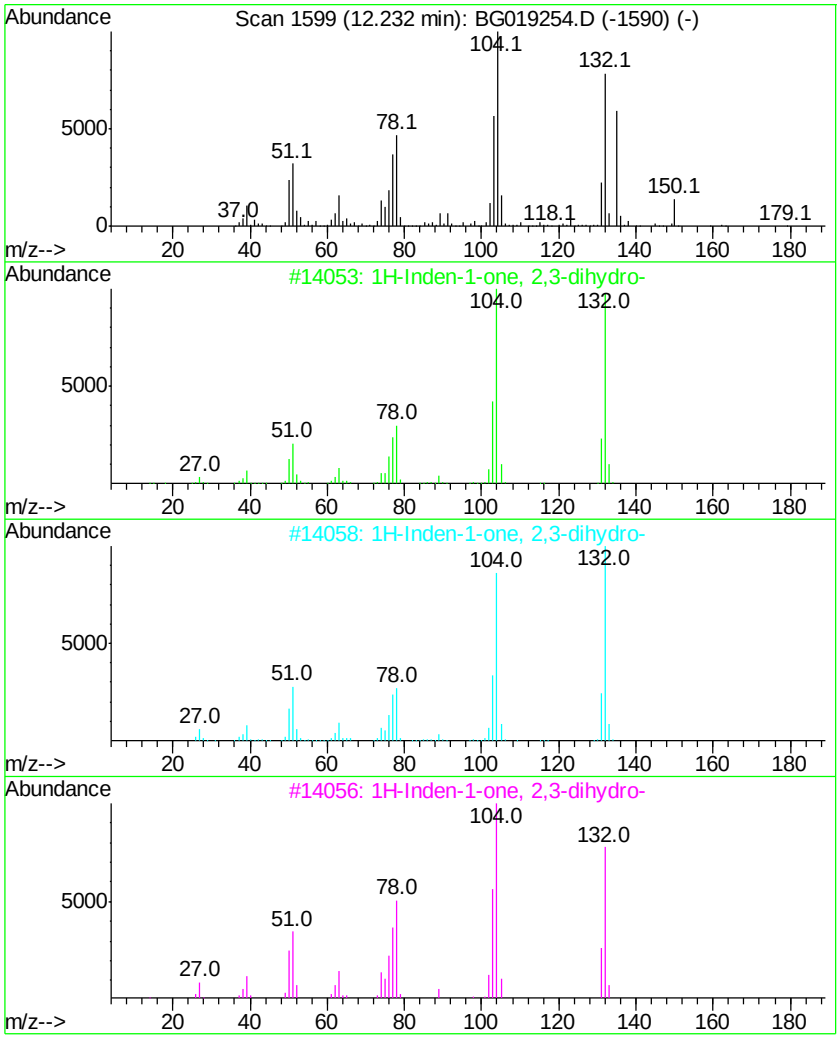
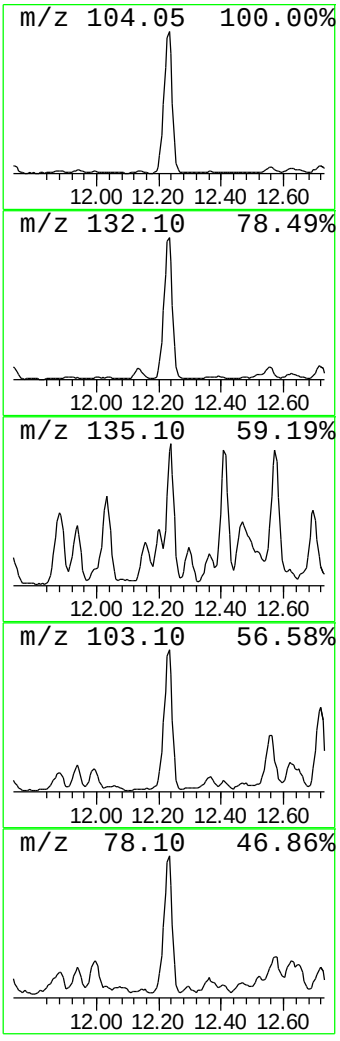
Peak Number 22 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	167.11 ng/ul	1555080	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	93
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	91
4	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	53
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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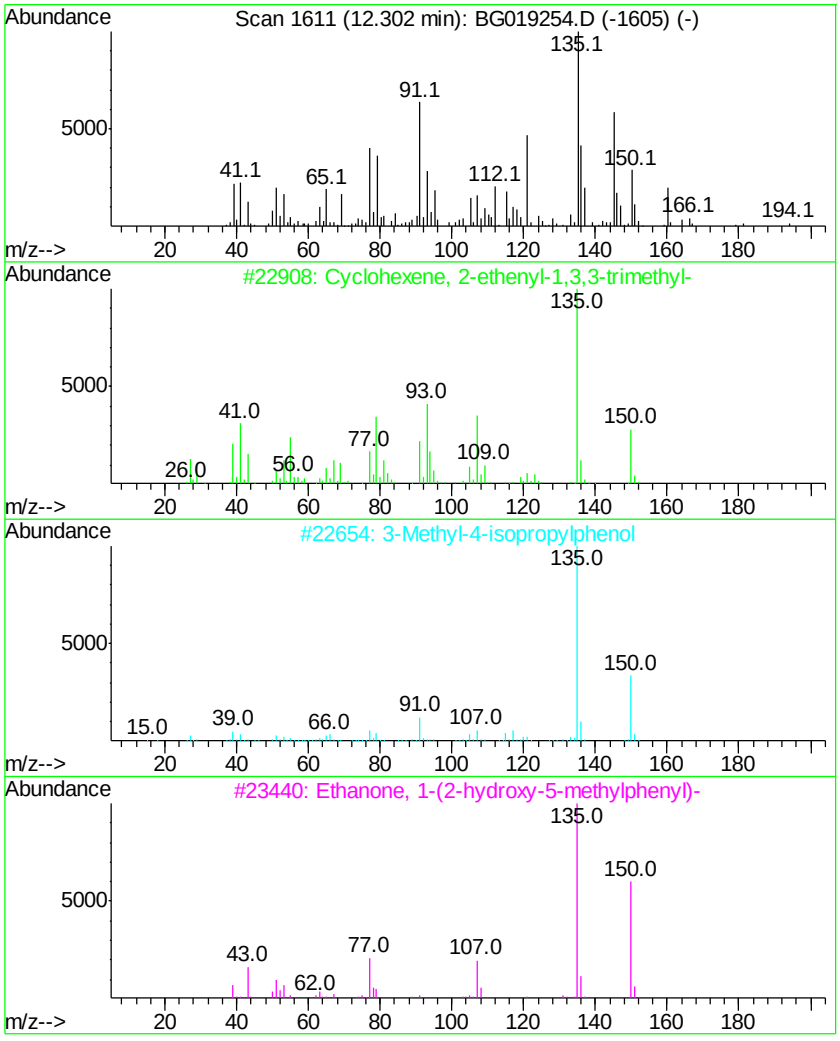
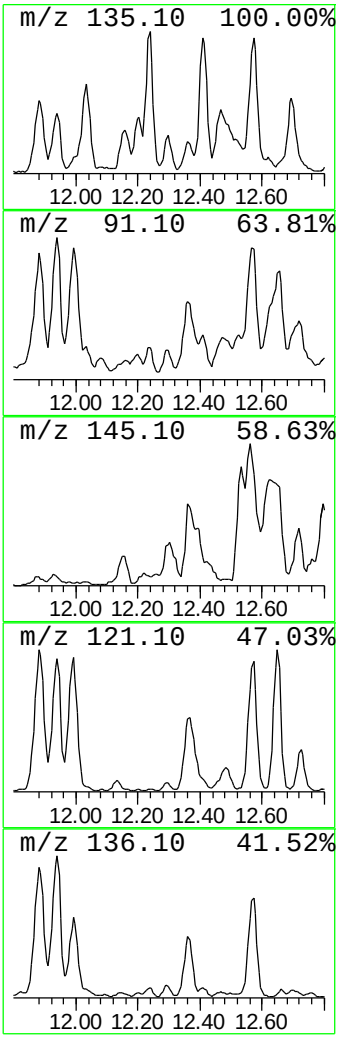
Peak Number 23 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	30.15 ng/ul	280598	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	43
2	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	41
3	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	41
4	Thymol	150	C10H14O	000089-83-8	38
5	1-Adamantanecarboxlic acid chloride	198	C11H15ClO	002094-72-6	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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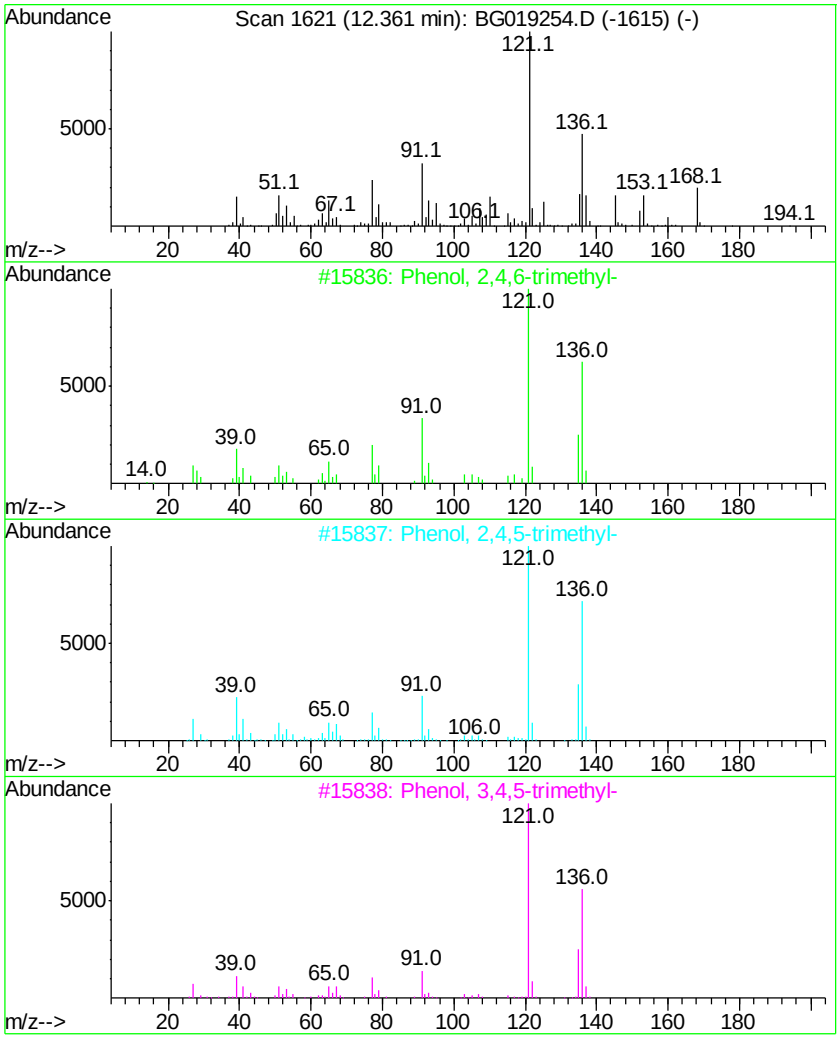
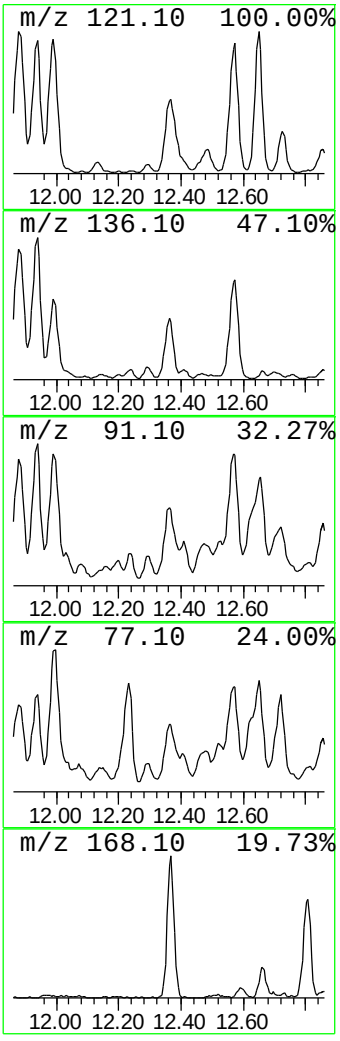
Peak Number 24 Phenol, 3,4,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	113.42 ng/ul	1055460	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	86
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	70
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	70
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	62
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	62





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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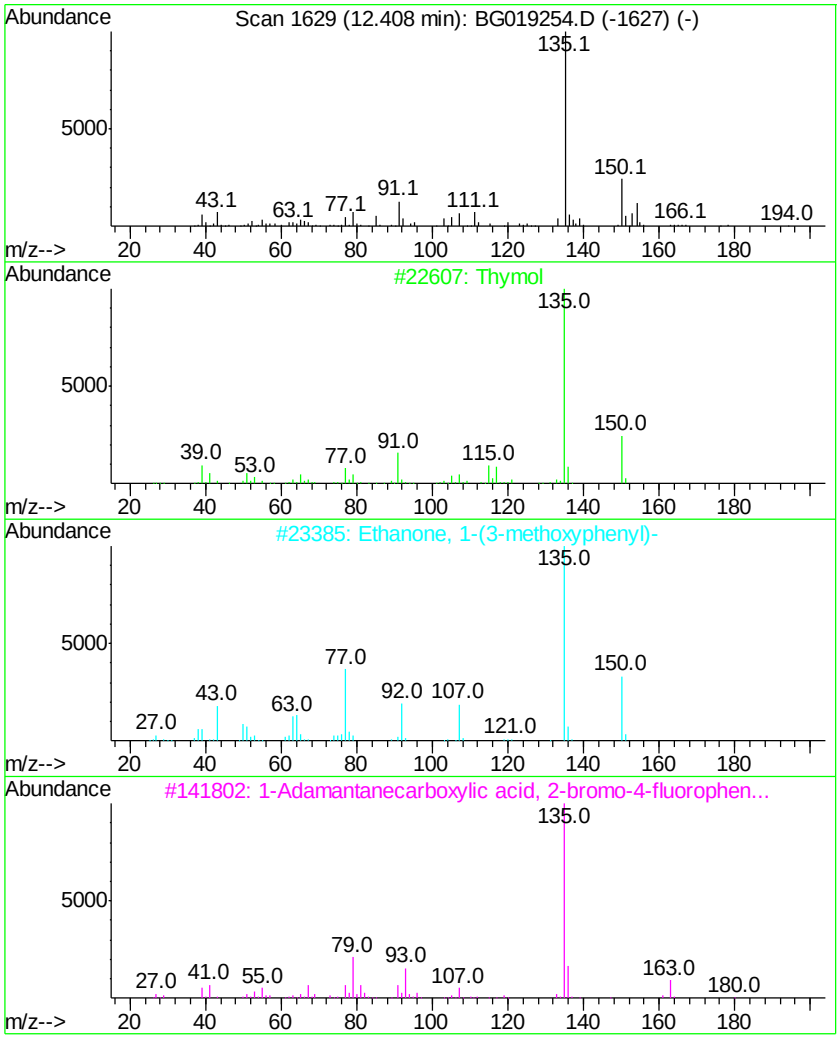
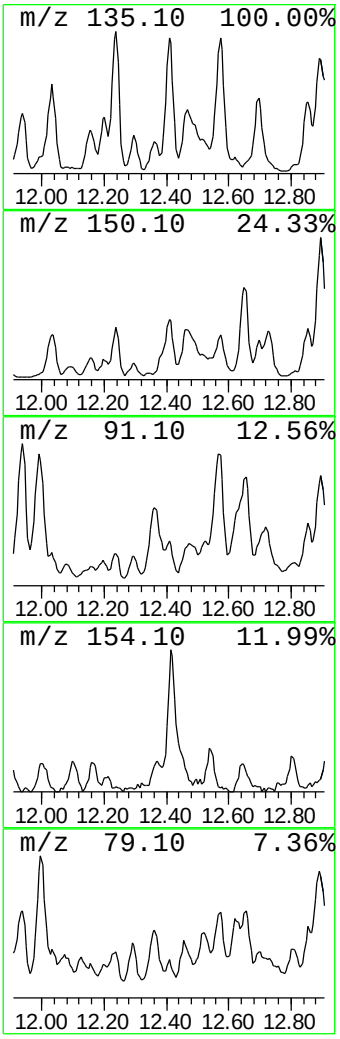
Peak Number 25 Thymol Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	25.69 ng/ul	239066	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thymol	150	C10H14O	000089-83-8	64
2	Ethanone, 1-(3-methoxyphenyl)-	150	C9H10O2	000586-37-8	59
3	1-Adamantanecarboxylic acid, 2-b...	352	C17H18BrFO2	1000293-75-5	47
4	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	45
5	1-Adamantaneacetic acid	194	C12H18O2	004942-47-6	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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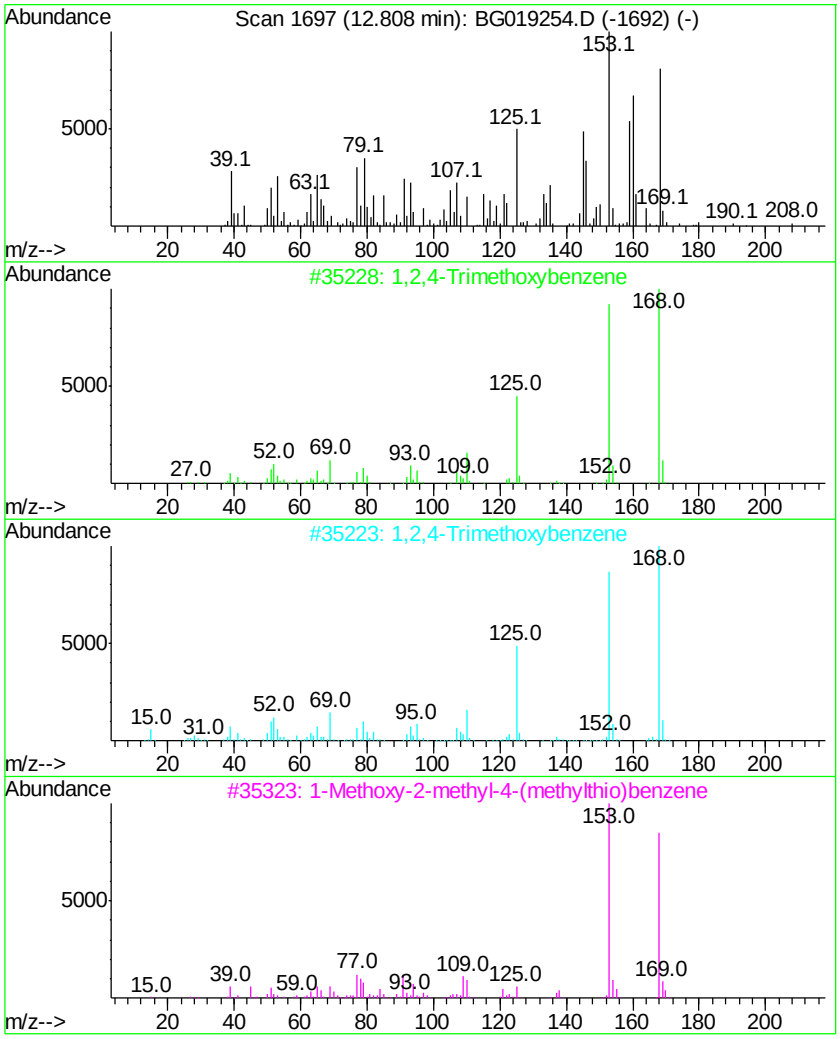
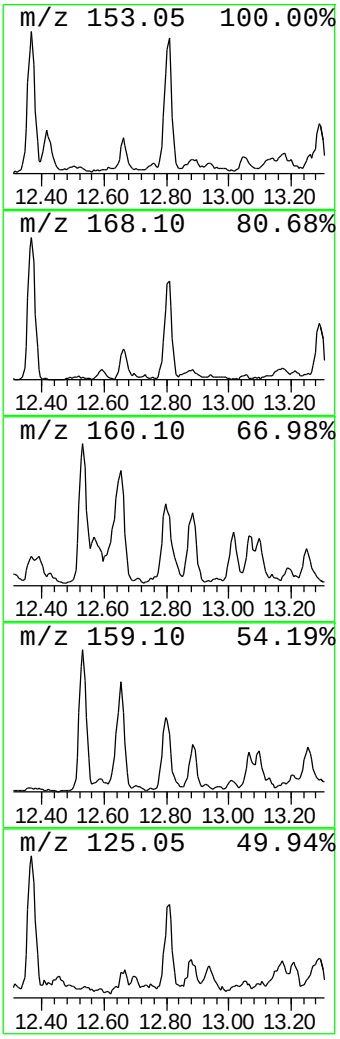
Peak Number 27 unknown-03 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	4.96 ng/ul	314472	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	45
2	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	43
3	1-Methoxy-2-methyl-4-(methylthio...	168	C9H12OS	050390-78-8	30
4	Phenol, 4-methoxy-3-(methoxymeth...	168	C9H12O3	059907-65-2	30
5	Phenol, 4-methoxy-3-(methoxymeth...	168	C9H12O3	059907-65-2	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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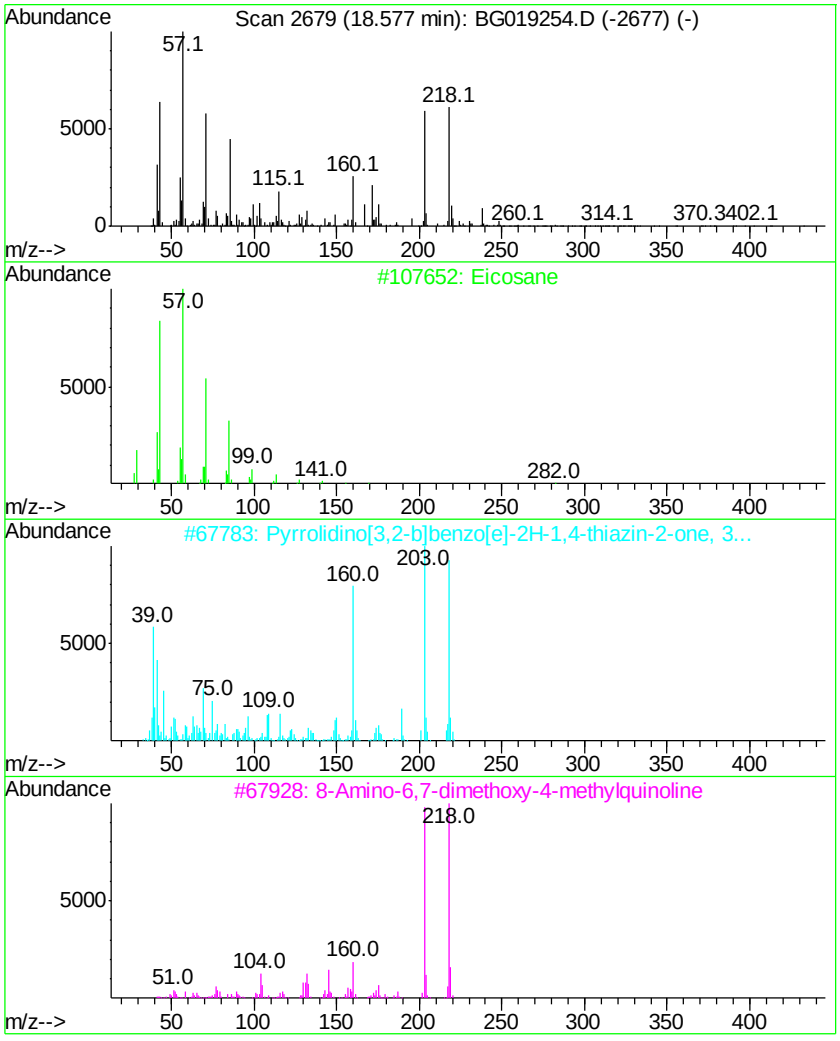
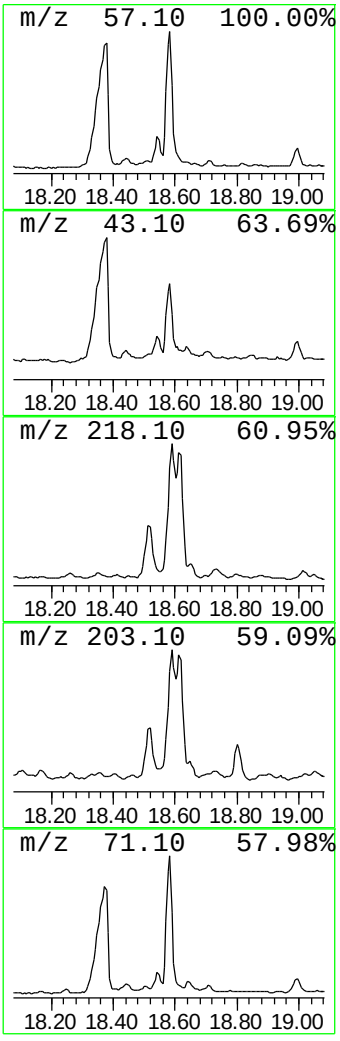
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	8.30 ng/ul	1602380	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	55
2	Pyrrolidino[3,2-b]benzo[e]-2H-1,...	218	C11H10N2OS	017163-68-7	53
3	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	50
4	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	45
5	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,...	218	C13H18N2O	000469-22-7	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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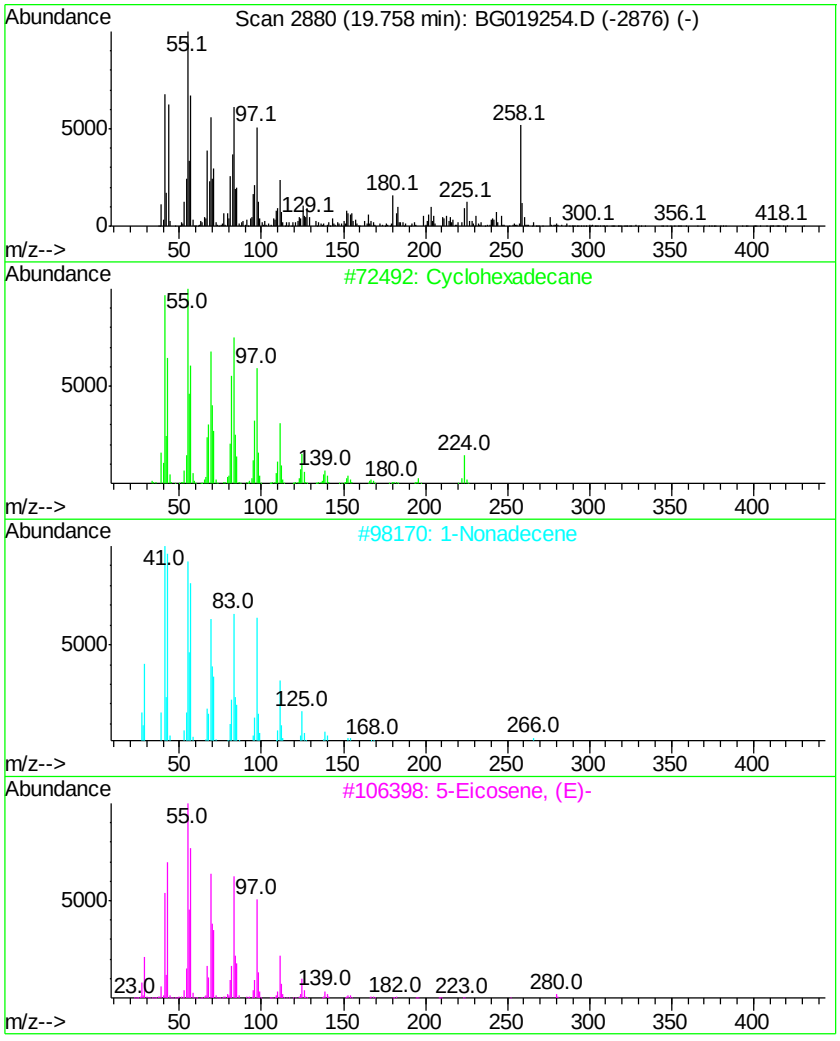
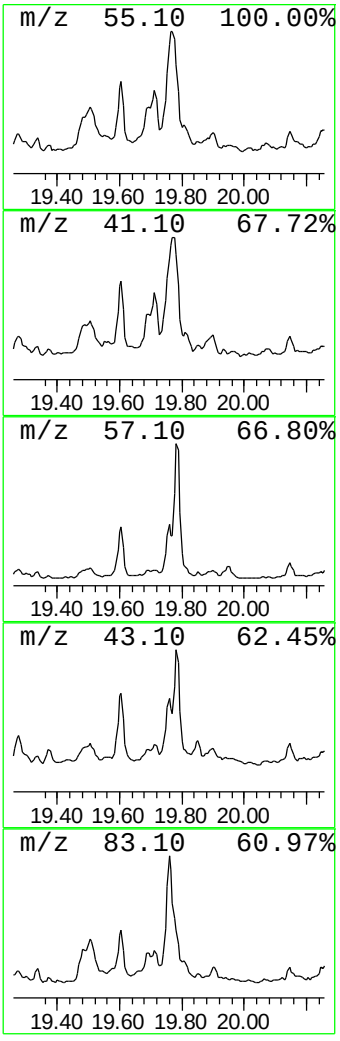
Peak Number 66 (DEL) Alkane: Cyclic19.76 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	8.69 ng/ul	2795190	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	1-Nonadecene	266	C19H38	018435-45-5	89
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	80
4	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	70
5	1-Docosanol	326	C22H46O	000661-19-8	60





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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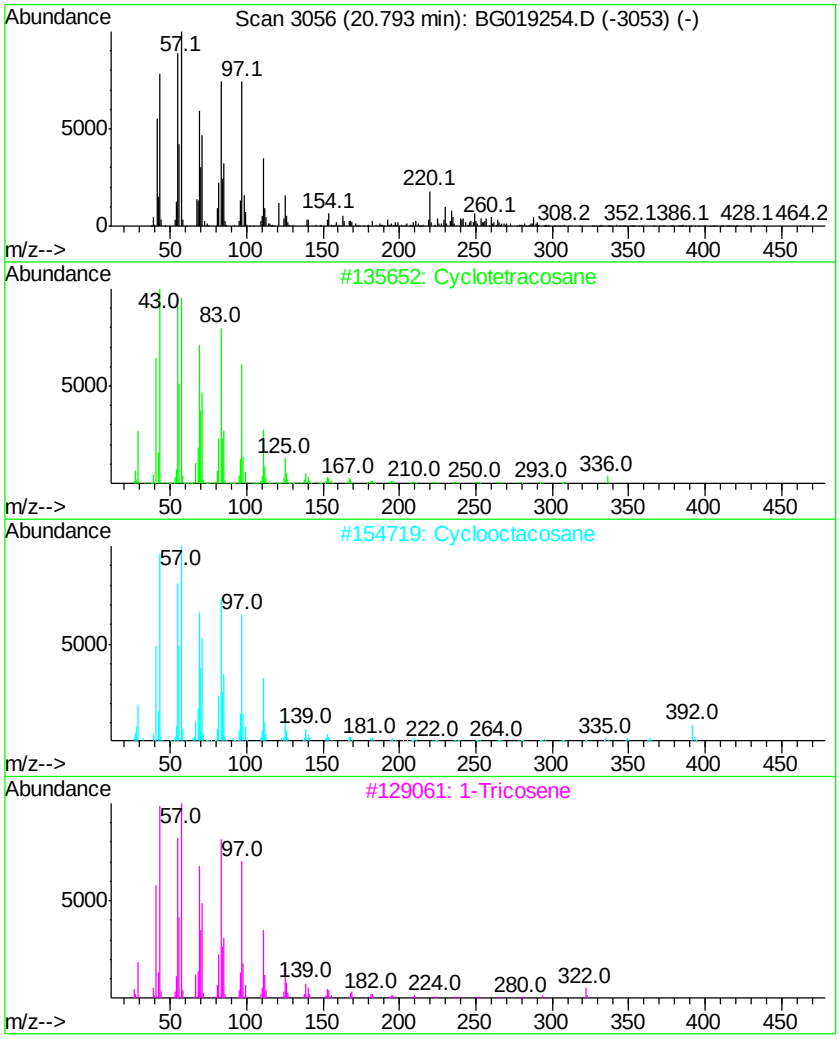
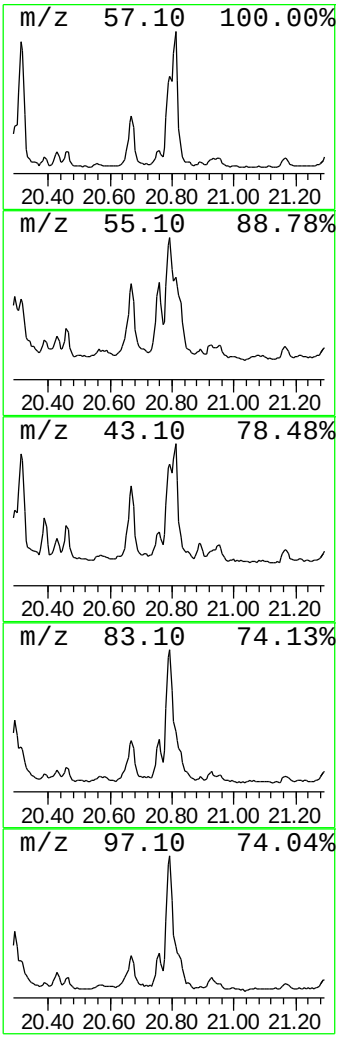
Peak Number 68 (DEL) Alkane: Cyclic20.79 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.47 ng/ul	795506	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	95
2	Cyclooctacosane	392	C28H56	000297-24-5	90
3	1-Tricosene	322	C23H46	018835-32-0	90
4	1-Docosene	308	C22H44	001599-67-3	87
5	1-Hexacosanol	382	C26H54O	000506-52-5	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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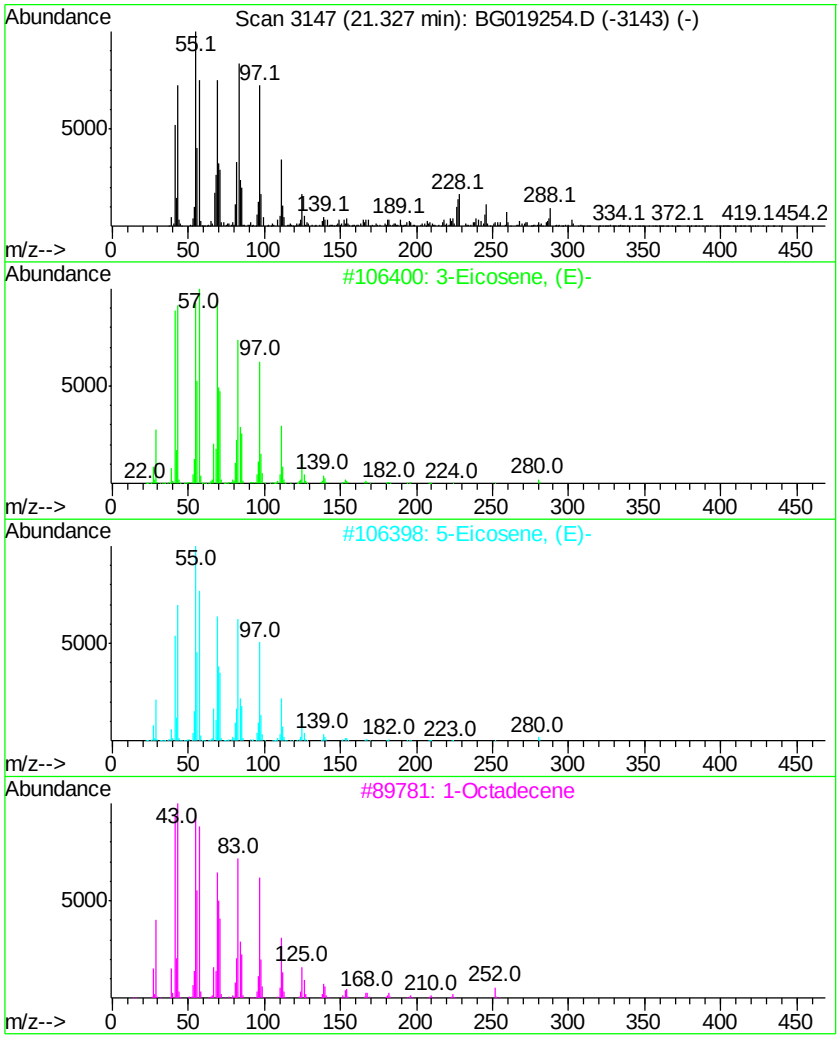
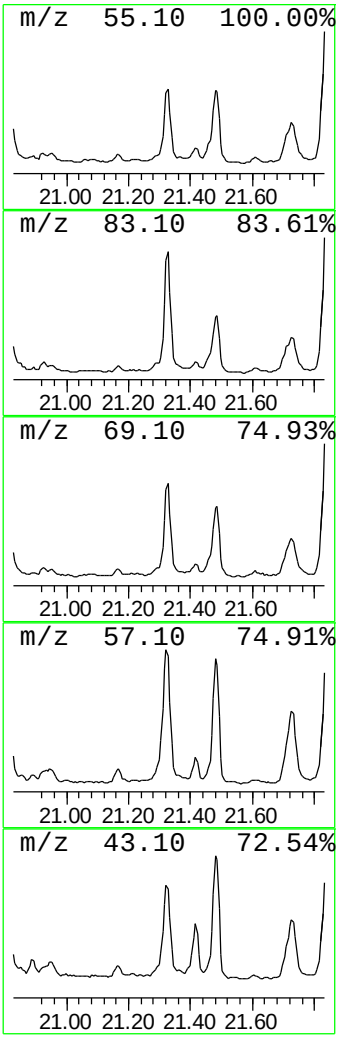
Peak Number 69 (DEL) Alkane: Cyclic21.33 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	8.78 ng/ul	2821540	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
3	1-Octadecene	252	C18H36	000112-88-9	95
4	1-Octadecene	252	C18H36	000112-88-9	95
5	1-Heptadecanol	256	C17H36O	001454-85-9	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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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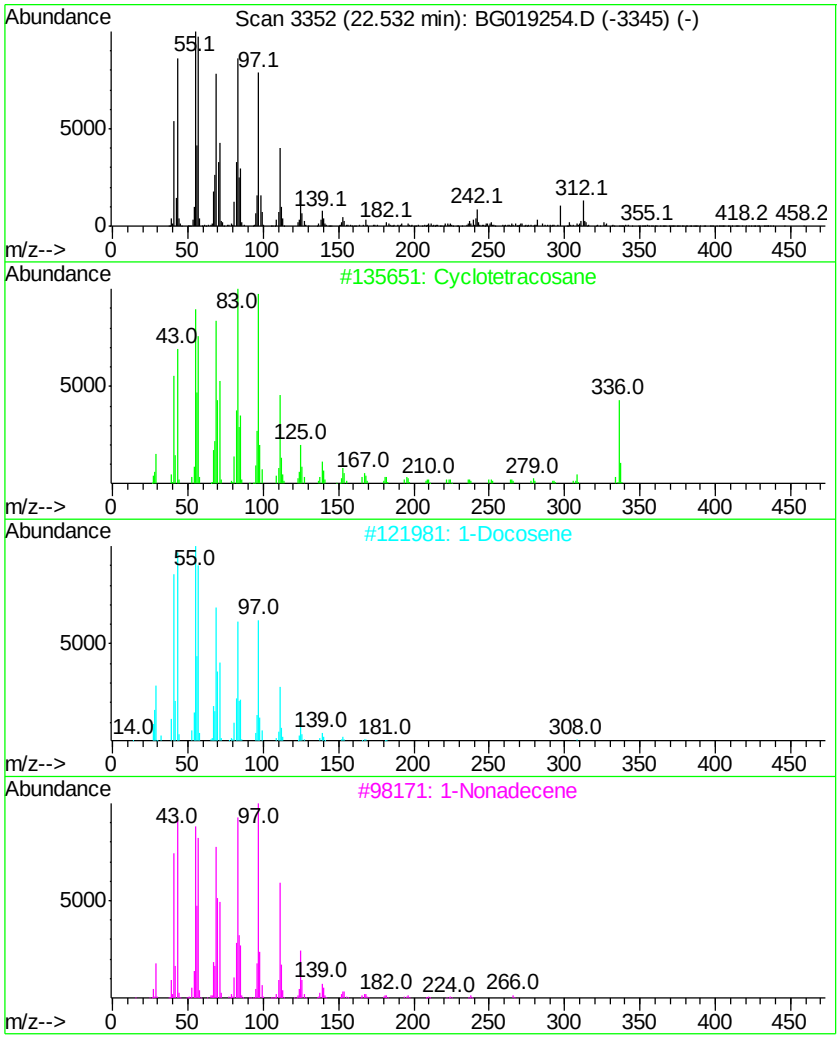
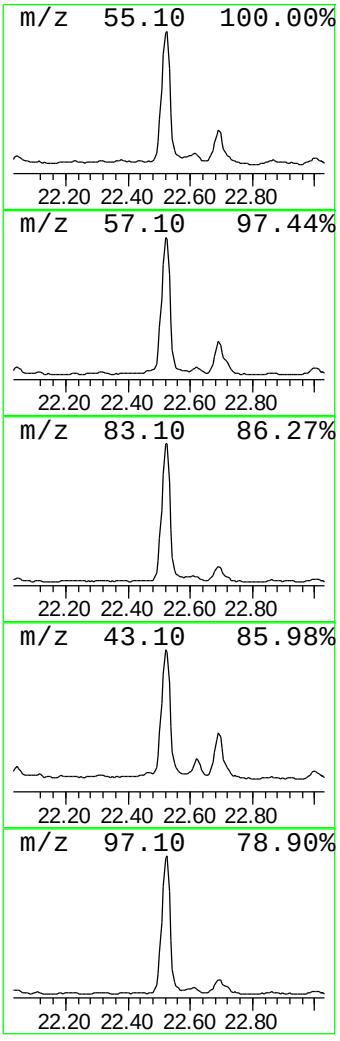
Peak Number 73 (DEL) Alkane: Cyclic22.53 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	12.19 ng/ul	3919550	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	1-Docosene	308	C22H44	001599-67-3	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101915\
Data File : BG019254.D
Acq On : 20 Oct 2015 00:13
Operator : UM/NP
Sample : G3996-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2

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...	3.18	31.3	ng/ul	394527	1	8.01	252433	20.0
Cyclohexane, (1-m...	9.30	10.9	ng/ul	137204	1	8.01	252433	20.0
Phenol, 2,3-dimet...	9.45	36.3	ng/ul	337290	2	10.82	186112	20.0
Maltol	9.50	18.4	ng/ul	171306	2	10.82	186112	20.0
Benzofuran, 2-met...	9.56	14.4	ng/ul	134401	2	10.82	186112	20.0
Phenol, 2-ethyl-	9.80	25.9	ng/ul	241403	2	10.82	186112	20.0
unknown-01	10.12	37.5	ng/ul	348900	2	10.82	186112	20.0
Phenol, 3,5-dimet...	10.33	78.5	ng/ul	730869	2	10.82	186112	20.0
Phenol, 2-ethyl-6...	10.66	48.5	ng/ul	451629	2	10.82	186112	20.0
Phenol, 3,4-dimet...	10.72	141.7	ng/ul	1318950	2	10.82	186112	20.0
Cinnoline, 1,2-di...	11.06	16.3	ng/ul	151253	2	10.82	186112	20.0
Phenol, 3-(1-meth...	11.21	131.6	ng/ul	1224630	2	10.82	186112	20.0
Phenol, 2-ethyl-5...	11.29	38.5	ng/ul	358150	2	10.82	186112	20.0
3,4-Dimethoxytoluene	11.35	32.7	ng/ul	304219	2	10.82	186112	20.0
Phenol, 4-ethyl-3...	11.39	249.7	ng/ul	2323640	2	10.82	186112	20.0
Phenol, 2-ethyl-4...	11.47	53.4	ng/ul	496581	2	10.82	186112	20.0
Phenol, 3-ethyl-5...	11.70	226.0	ng/ul	2103230	2	10.82	186112	20.0
Phenol, 2,4,5-tri...	11.88	201.6	ng/ul	1876110	2	10.82	186112	20.0
Phenol, 2,4,6-tri...	11.94	106.2	ng/ul	987817	2	10.82	186112	20.0
O-Methoxy-.alpha....	12.00	175.7	ng/ul	1635000	2	10.82	186112	20.0
Ethanone, 1-(2,5-...	12.09	21.6	ng/ul	200706	2	10.82	186112	20.0
1H-Inden-1-one, 2...	12.23	167.1	ng/ul	1555080	2	10.82	186112	20.0
unknown-02	12.30	30.1	ng/ul	280598	2	10.82	186112	20.0
Phenol, 3,4,5-tri...	12.36	113.4	ng/ul	1055460	2	10.82	186112	20.0
Thymol	12.41	25.7	ng/ul	239066	2	10.82	186112	20.0
unknown-03	12.81	5.0	ng/ul	314472	3	14.66	1266910	20.0
(DEL) Alkane: Str...	18.58	8.3	ng/ul	1602380	4	17.44	3861950	20.0
(DEL) Alkane: Cyc...	19.76	8.7	ng/ul	2795190	5	21.72	6429520	20.0
(DEL) Alkane: Cyc...	20.79	2.5	ng/ul	795506	5	21.72	6429520	20.0
(DEL) Alkane: Cyc...	21.33	8.8	ng/ul	2821540	5	21.72	6429520	20.0
(DEL) Alkane: Cyc...	22.53	12.2	ng/ul	3919550	5	21.72	6429520	20.0