LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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	8.009	869	880	886	rVB	64732	115555	2.54%	0.348%
2	9.995	1212	1218	1220	rVV	50951	92108	2.03%	0.278%
3	10.024	1220	1223	1231	rVV2	57879	107788	2.37%	0.325%
4	10.300	1260	1270	1276	rVB	78662	135654	2.98%	0.409%
5	10.459	1287	1297	1302	rVV	110635	209403	4.61%	0.631%
6	10.694	1331	1337	1351	rVV2	103820	228778	5.03%	0.690%
7	10.811	1351	1357	1363	rVV	97901	177225	3.90%	0.534%
8	10.964	1377	1383	1392	rVB2	53085	93027	2.05%	0.280%
9	11.181	1410	1420	1425	rBV2	71179	152400	3.35%	0.459%
10	11.358	1441	1450	1455	rVV	149859	294669	6.48%	0.888%
11	11.405	1455	1458	1461	rVV3	57369	90167	1.98%	0.272%
12	11.434	1461	1463	1468	rVB	46844	63327	1.39%	0.191%
13	11.657	1492	1501	1505	rBV	122998	222899	4.90%	0.672%
14	11.698	1505	1508	1514	rVB3	43777	66291	1.46%	0.200%
15	11.845	1521	1533	1537	rBV	150432	271238	5.97%	0.818%
16	11.898	1537	1542	1546	rVV	113703	183258	4.03%	0.552%
17	11.945	1546	1550	1553	rVV	58485	98146	2.16%	0.296%
18	11.980	1553	1556	1560	rVB2	56963	86169	1.90%	0.260%
19	12.198	1584	1593	1600	rBV2	101791	219553	4.83%	0.662%
20	12.327	1608	1615	1621	rBV3	62779	171125	3.76%	0.516%
21	12.468	1634	1639	1642	rBV3	54197	85659	1.88%	0.258%
22	12.521	1642	1648	1654	rVV4	137807	307298	6.76%	0.926%
23	12.580	1654	1658	1661	rVV2	62227	114611	2.52%	0.346%
24	12.615	1661	1664	1668	rVV2	63665	119551	2.63%	0.360%
25	12.685	1672	1676	1681	rVB2	123190	189136	4.16%	0.570%
26	12.850	1699	1704	1713	rBV5	117121	322591	7.10%	0.972%
27	12.991	1723	1728	1731	rBV5	37241	63584	1.40%	0.192%
28	13.067	1737	1741	1744	rBV4	62248	97691	2.15%	0.294%
29	13.132	1749	1752	1757	rVB	123954	184218	4.05%	0.555%
30	13.232	1763	1769	1780	rVB10	49046	151774	3.34%	0.458%
31	13.349	1781	1789	1792	rBV5	64569	147253	3.24%	0.444%
32	13.443	1800	1805	1813	rBV4	211902	359101	7.90%	1.083%
33	13.537	1814	1821	1827	rVB5	65086	167954	3.69%	0.506%
34	13.608	1828	1833	1837	rBV2	60423	107770	2.37%	0.325%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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	13.714	1846	1851	1855	rVB4	41209	76996	1.69%	0.232%
36	13.790	1856	1864	1867	rBV	273741	612055	13.46%	1.845%
37	13.913	1881	1885	1889	rBV	77380	108066	2.38%	0.326%
38	14.002	1889	1900	1909	rVB6	299952	837854	18.43%	2.526%
39	14.143	1917	1924	1929	rBV5	133785	268250	5.90%	0.809%
40	14.195	1929	1933	1937	rBV5	81130	132046	2.90%	0.398%
41	14.254	1938	1943	1950	rVB7	105137	245960	5.41%	0.741%
42	14.325	1951	1955	1957	rBV5	43901	71007	1.56%	0.214%
43	14.472	1974	1980	1983	rBV4	98887	200231	4.40%	0.604%
44	14.519	1984	1988	1993	rVV6	71181	190965	4.20%	0.576%
45	14.642	2004	2009	2013	rBV2	219678	365264	8.04%	1.101%
46	14.683	2013	2016	2020	rVV4	163200	225188	4.95%	0.679%
47	14.730	2020	2024	2029	rVB	114950	195076	4.29%	0.588%
48	14.812	2030	2038	2044	rBV	1985672	3371191	74.16%	10.163%
49	14.959	2059	2063	2067	rBV4	140802	245565	5.40%	0.740%
50	14.995	2067	2069	2072	rVV	113158	144264	3.17%	0.435%
51	15.036	2072	2076	2083	rVB3	226806	383930	8.45%	1.157%
52	15.118	2086	2090	2095	rBV2	149128	216285	4.76%	0.652%
53	15.177	2096	2100	2102	rBV	143497	195150	4.29%	0.588%
54	15.412	2136	2140	2141	rBV4	68556	93489	2.06%	0.282%
55	15.529	2156	2160	2165	rVB2	225823	372328	8.19%	1.122%
56	15.606	2165	2173	2177	rBV	2810313	4545660	100.00%	13.703%
57	15.688	2182	2187	2191	rBV4	153619	267495	5.88%	0.806%
58	15.864	2211	2217	2220	rBV3	113767	198890	4.38%	0.600%
59	15.899	2220	2223	2229	rVV3	177041	249787	5.50%	0.753%
60	15.982	2231	2237	2240	rVB6	131649	264621	5.82%	0.798%
61	16.029	2241	2245	2251	rVB4	184008	305757	6.73%	0.922%
62	16.093	2251	2256	2260	rBV3	167805	319094	7.02%	0.962%
63	16.246	2279	2282	2285	rBV3	84715	97322	2.14%	0.293%
64	16.481	2318	2322	2325	rBV	198678	325516	7.16%	0.981%
65	16.587	2337	2340	2345	rVB4	81052	126373	2.78%	0.381%
66	16.693	2351	2358	2363	rBV3	407247	751927	16.54%	2.267%
67	16.740	2364	2366	2373	rVB6	113758	184502	4.06%	0.556%
68	16.969	2402	2405	2409	rVB2	138776	162448	3.57%	0.490%
69	17.139	2430	2434	2437	rVB3	160338	190714	4.20%	0.575%
70	17.333	2464	2467	2469	rBV	79857	108575	2.39%	0.327%
71	17.368	2469	2473	2475	rVV	336532	458820	10.09%	1.383%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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	17.398	2475	2478	2482	rVV2	347791	530582	11.67%	1.599%
73	17.439	2482	2485	2489	rVB	271640	355849	7.83%	1.073%
74	17.774	2539	2542	2548	rVB2	206173	280238	6.16%	0.845%
75	17.879	2557	2560	2562	rBV	79840	90671	1.99%	0.273%
76	18.291	2624	2630	2639	rVB3	454162	884618	19.46%	2.667%
77	18.402	2646	2649	2655	rBV6	106618	195220	4.29%	0.589%
78	18.461	2656	2659	2663	rVV5	124222	180327	3.97%	0.544%
79	18.532	2668	2671	2673	rVV2	183124	236931	5.21%	0.714%
80	18.561	2673	2676	2683	rVV3	197452	360604	7.93%	1.087%
81	18.626	2684	2687	2696	rVB	301974	453339	9.97%	1.367%
82	19.166	2776	2779	2780	rBV3	86176	95044	2.09%	0.287%
83	19.196	2780	2784	2787	rVB3	215502	280733	6.18%	0.846%
84	19.442	2823	2826	2834	rVB	222263	399818	8.80%	1.205%
85	19.742	2874	2877	2880	rBV2	169399	221925	4.88%	0.669%
86	19.771	2880	2882	2885	rVV2	179106	187306	4.12%	0.565%
87	19.807	2885	2888	2895	rVV3	186333	309718	6.81%	0.934%
88	19.877	2897	2900	2909	rVB5	231133	409713	9.01%	1.235%
89	20.694	3036	3039	3043	rVB	203995	245174	5.39%	0.739%
90	20.776	3050	3053	3062	rVB3	262631	498166	10.96%	1.502%
91	21.299	3139	3142	3147	rVB	184521	229922	5.06%	0.693%
92	21.458	3166	3169	3179	rVB	282584	495279	10.90%	1.493%
93	21.663	3200	3204	3215	rVB2	272676	604018	13.29%	1.821%
94	21.804	3224	3228	3236	rBV3	294421	645929	14.21%	1.947%
95	21.875	3237	3240	3251	rVB	230290	448249	9.86%	1.351%
96	22.486	3338	3344	3348	rBV2	327141	609228	13.40%	1.837%
97	22.527	3348	3351	3358	rVB	207290	316550	6.96%	0.954%
98	23.091	3444	3447	3453	rVB3	135767	222175	4.89%	0.670%
99	23.279	3475	3479	3485	rVB	284961	520092	11.44%	1.568%
100	24.301	3649	3653	3663	rVB	116398	258842	5.69%	0.780%

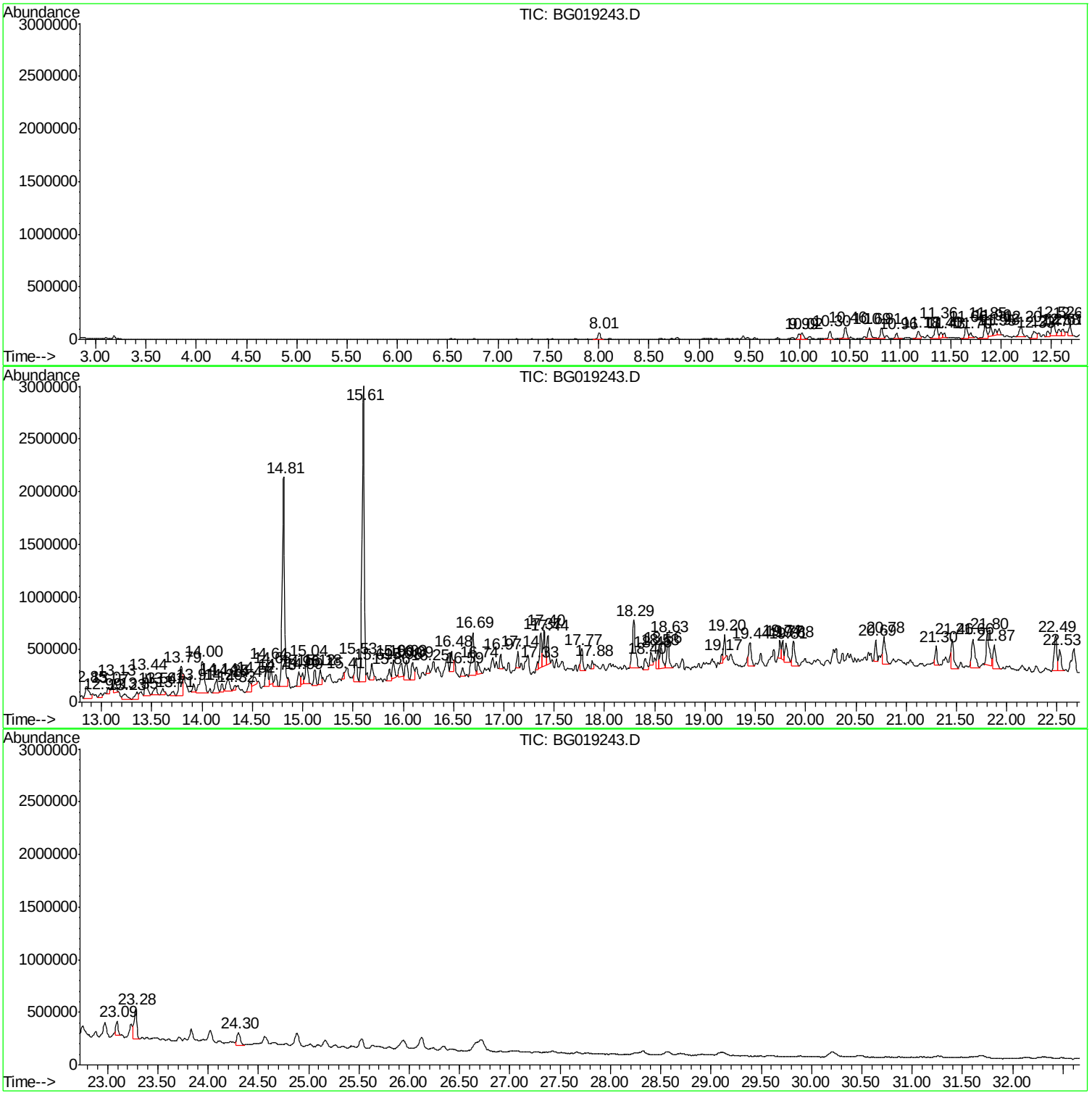
Sum of corrected areas: 33171892

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK1DL

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 : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
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Instrument : BNA_G
ClientSampleId : E5LK1DL

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

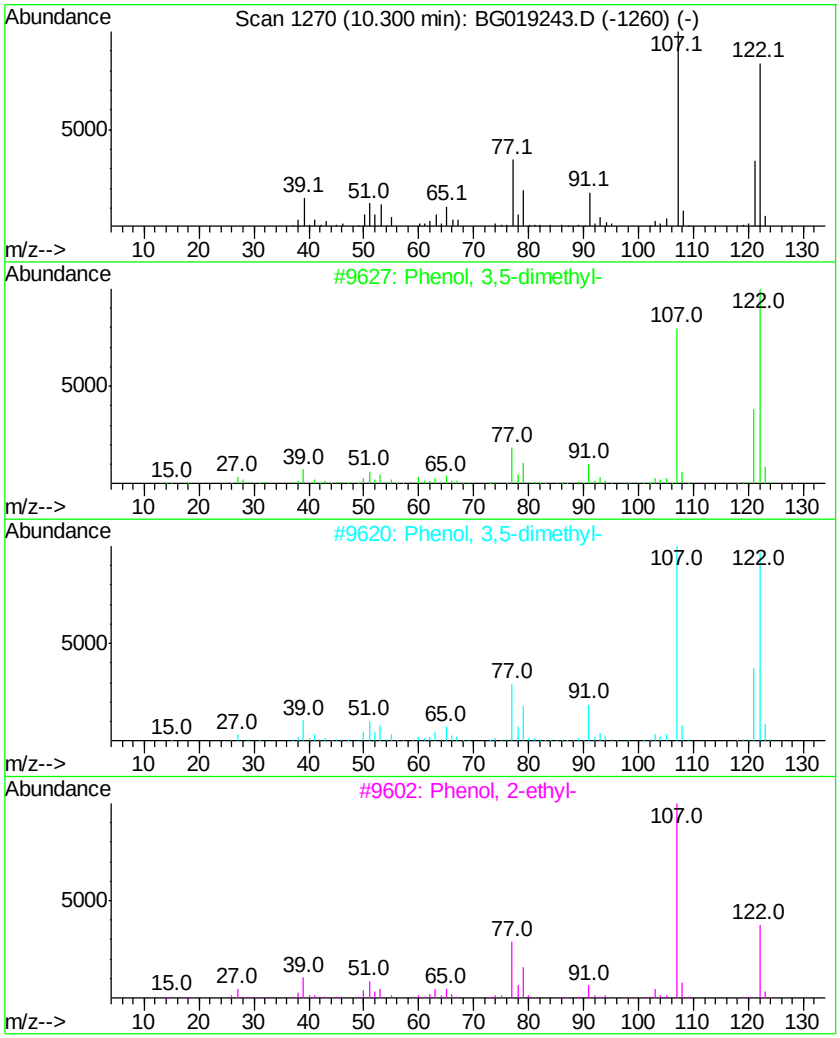
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

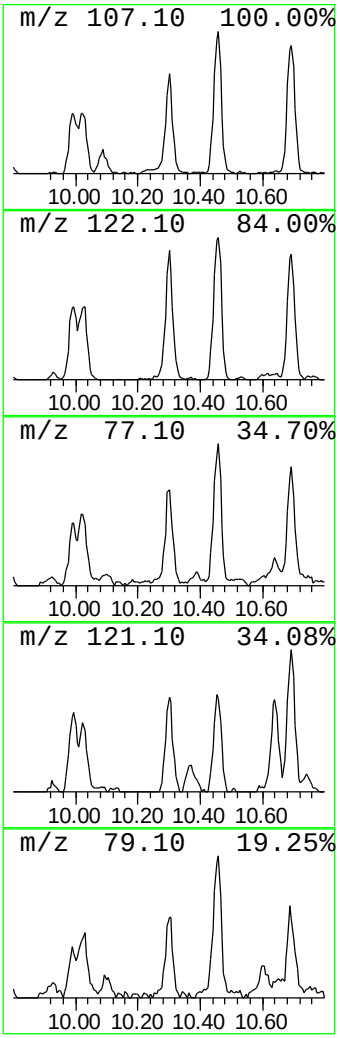
****

Peak Number 1 Phenol, 3,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	15.31 ng/ul	135654	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, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	94
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	93
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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

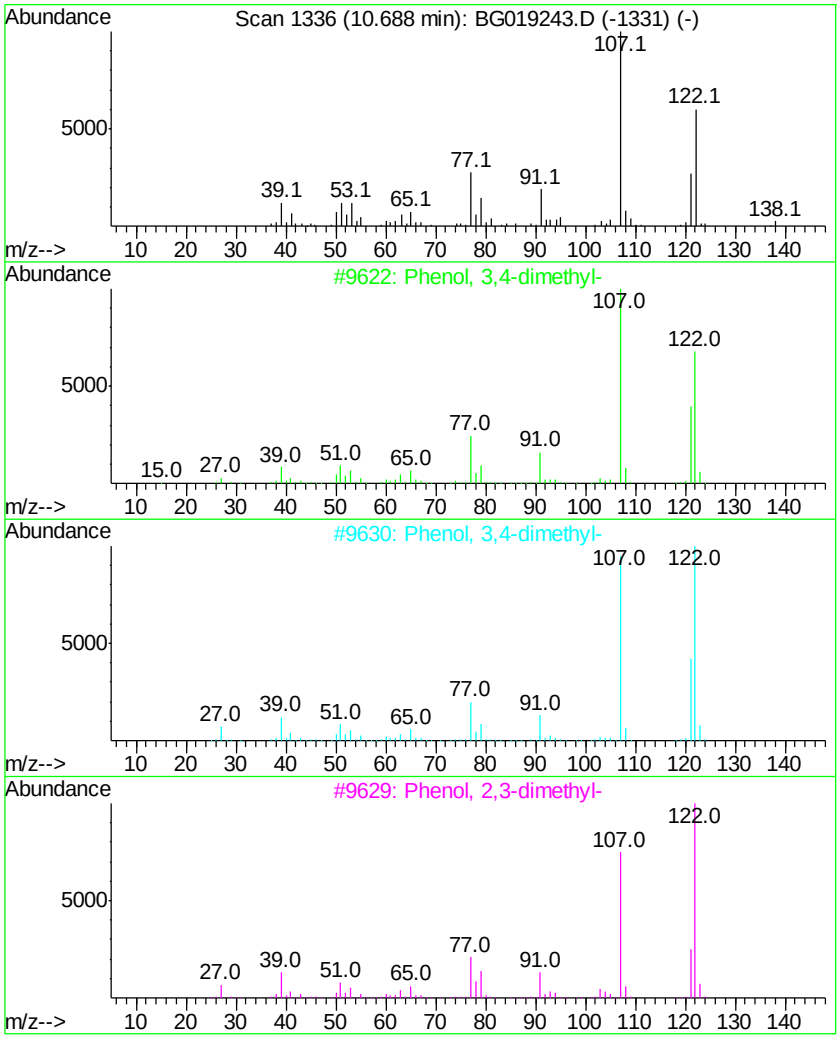
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

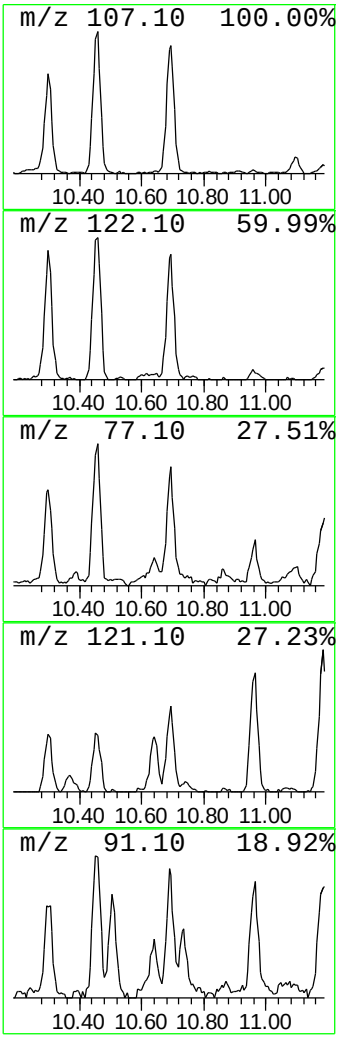
****

Peak Number 2 Phenol, 3,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	25.82 ng/ul	228778	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	93
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	90
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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

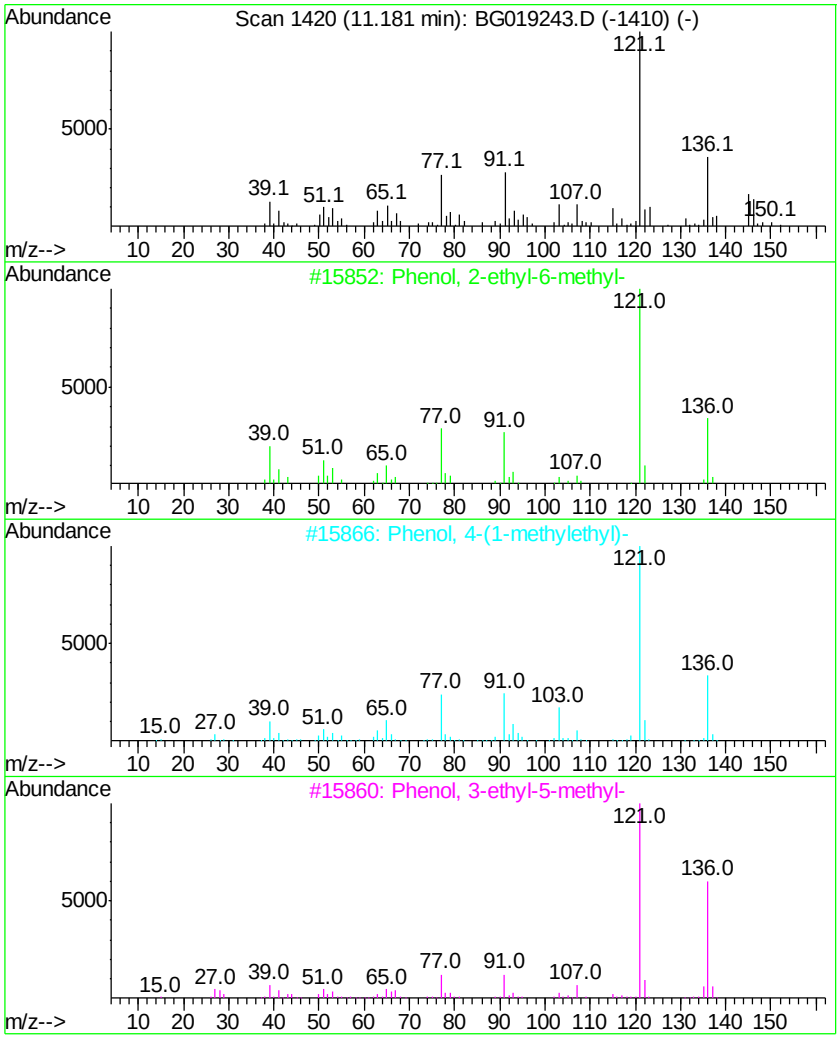
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

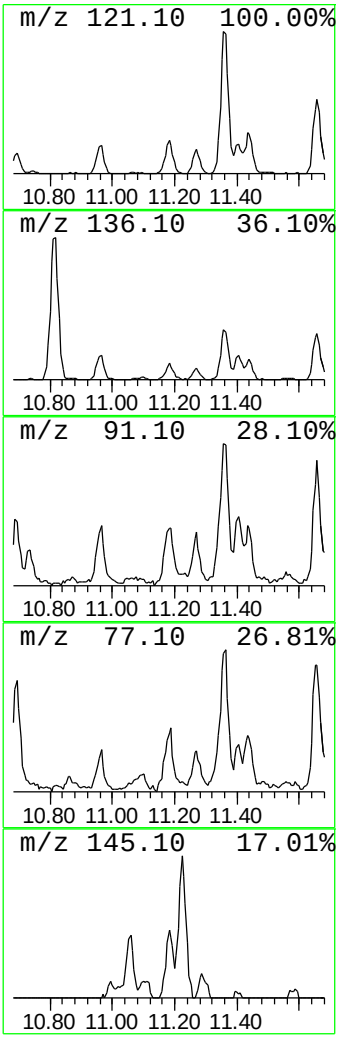
****

Peak Number 3 Phenol, 2-ethyl-6-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	17.20 ng/ul	152400	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, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	76
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	76
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	70
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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

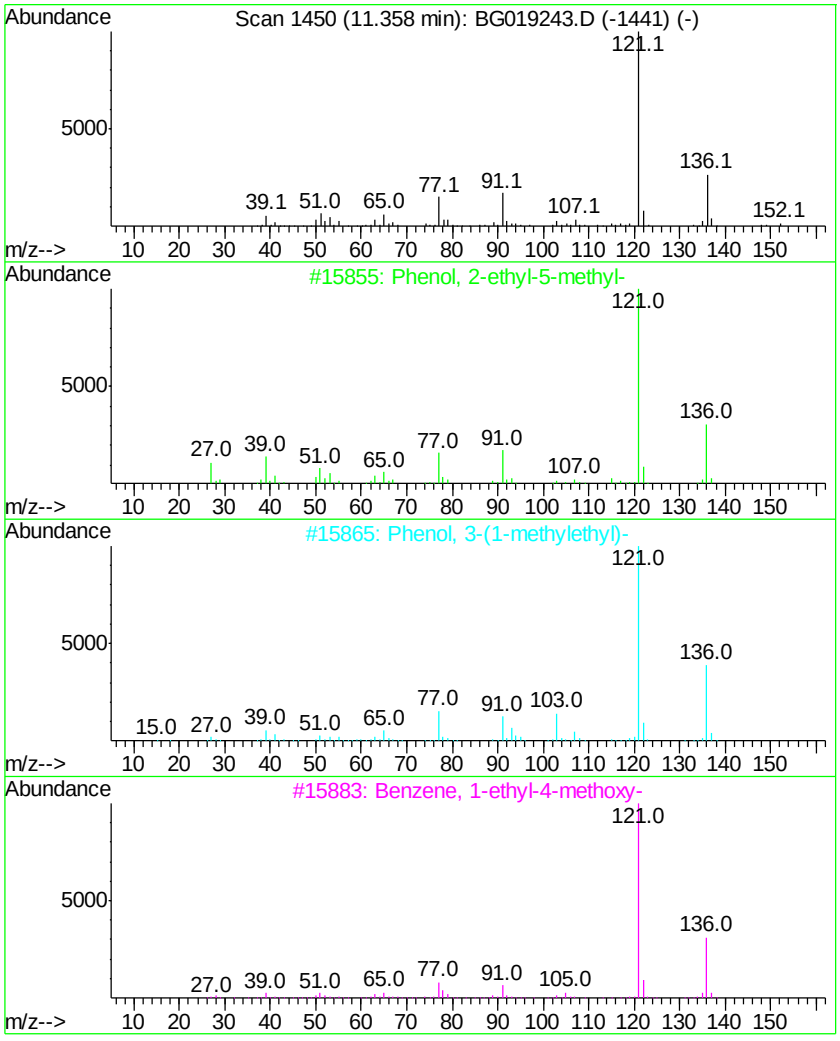
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

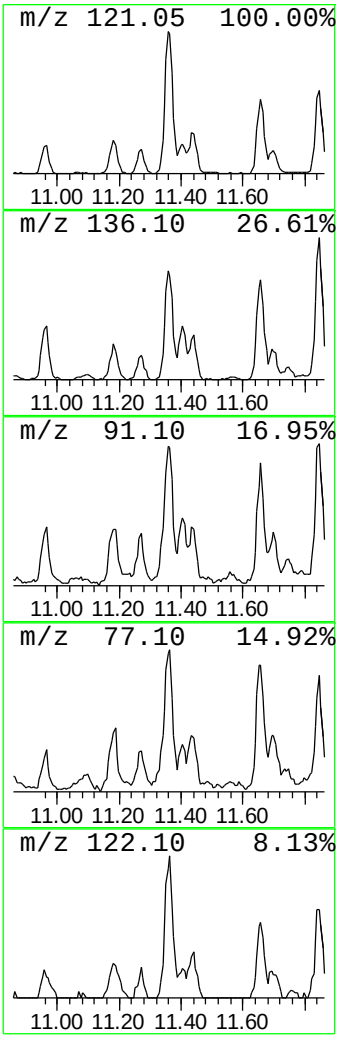
****

Peak Number 4 Phenol, 2-ethyl-5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	33.25 ng/ul	294669	Naphthalene-d8	10.82

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





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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

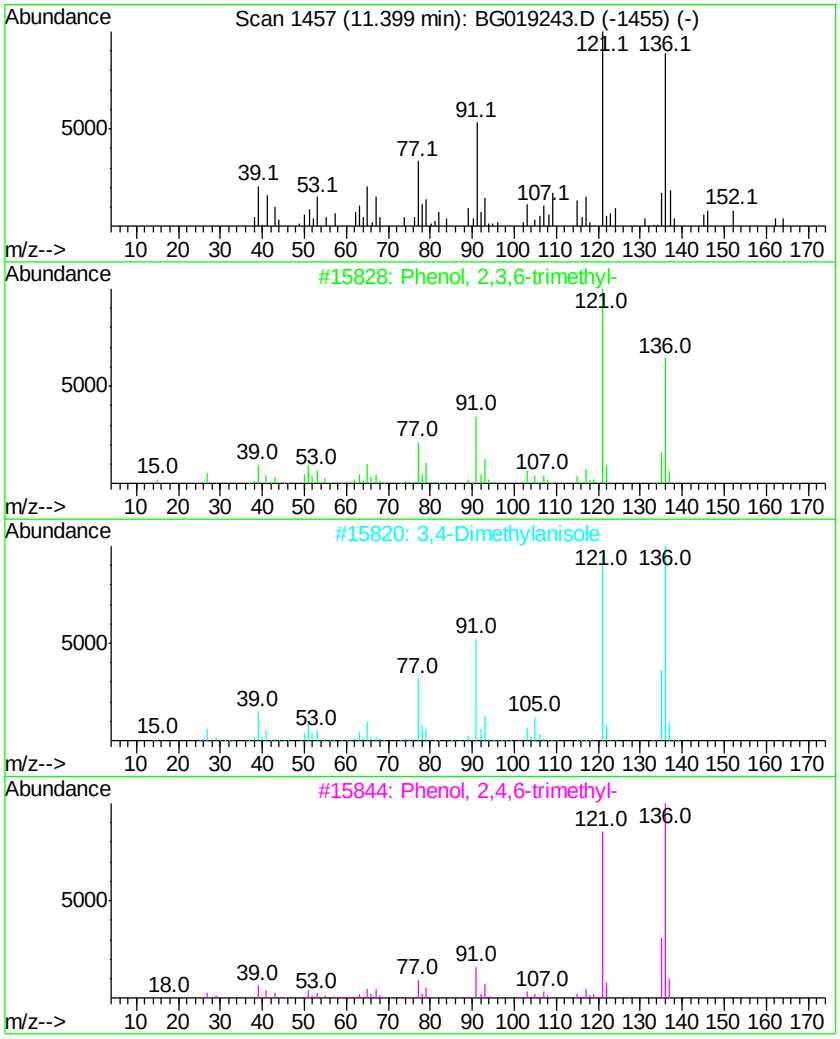
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

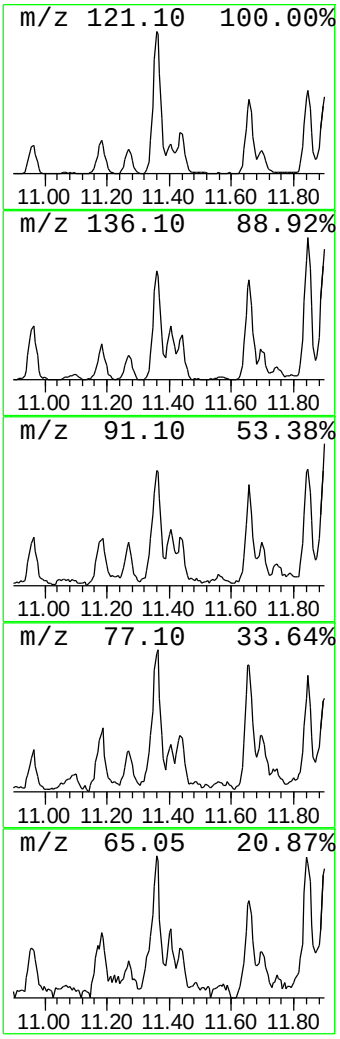
****

Peak Number 5 Phenol, 2,3,6-trimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	10.18 ng/ul	90167	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	76
2	3,4-Dimethylanisole	136	C9H12O	004685-47-6	70
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	68
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	64
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	64





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Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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

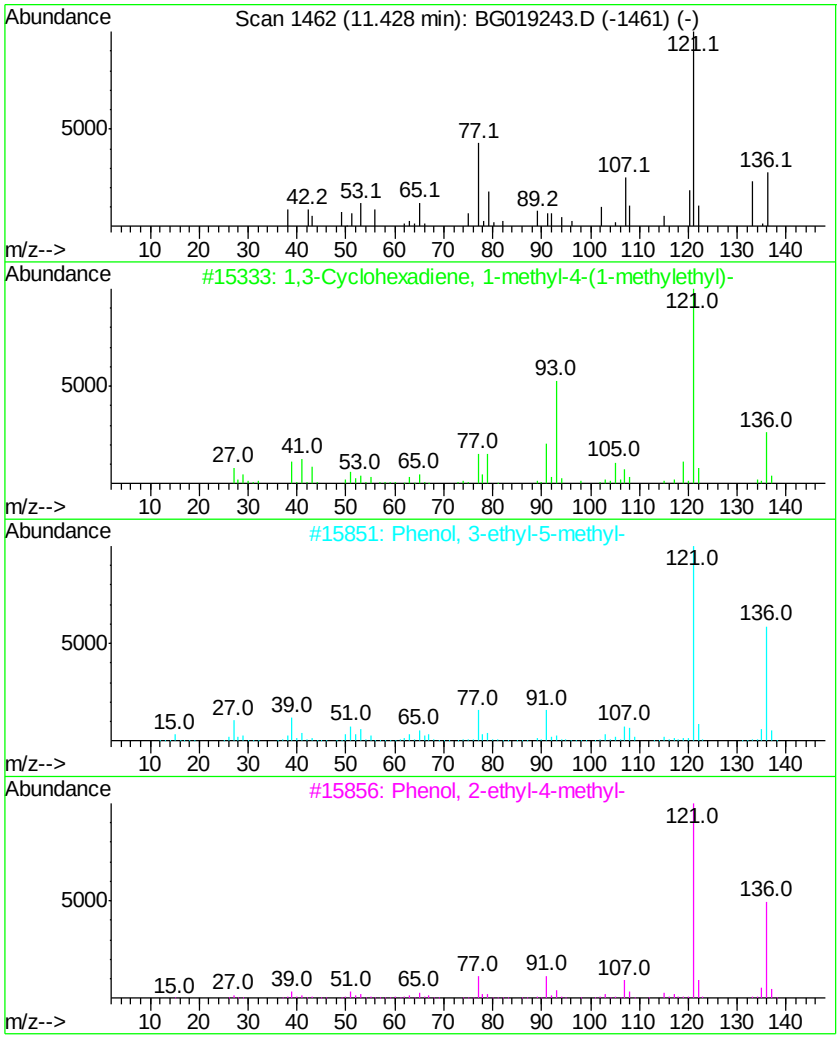
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

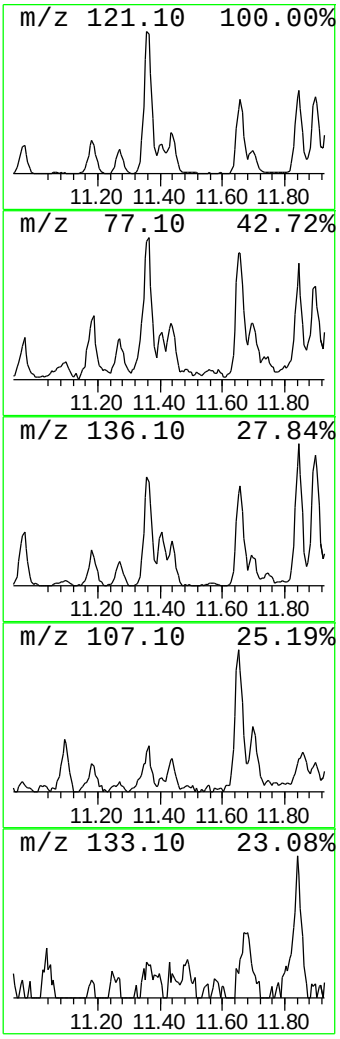
****

Peak Number 6 1,3-Cyclohexadiene, 1-methy... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	7.15 ng/ul	63327	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	78
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	78
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	78
4	1,3-Cyclohexadiene, 1,2,6,6-tetr...	136	C10H16	000514-96-5	72
5	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	72





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Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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

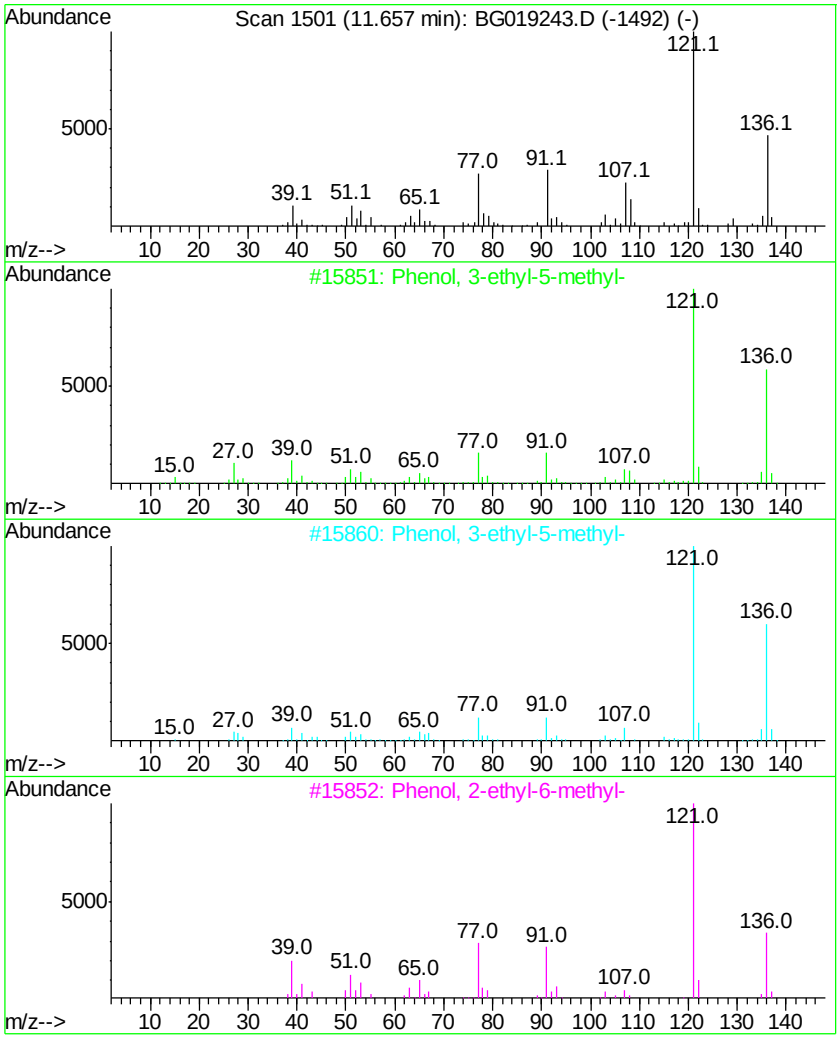
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

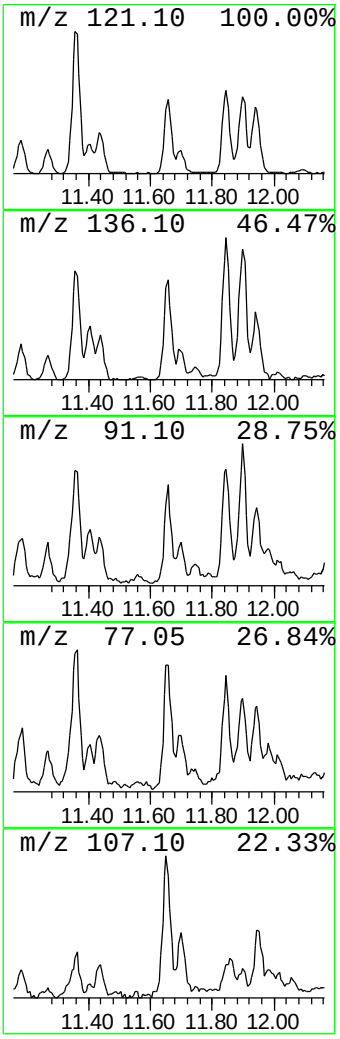
****

Peak Number 7 Phenol, 3-ethyl-5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	25.15 ng/ul	222899	Naphthalene-d8	10.82

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	1,5,5-Trimethyl-6-methylene-cycl...	136	C10H16	000514-95-4	86





Library Search Compound Report

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Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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

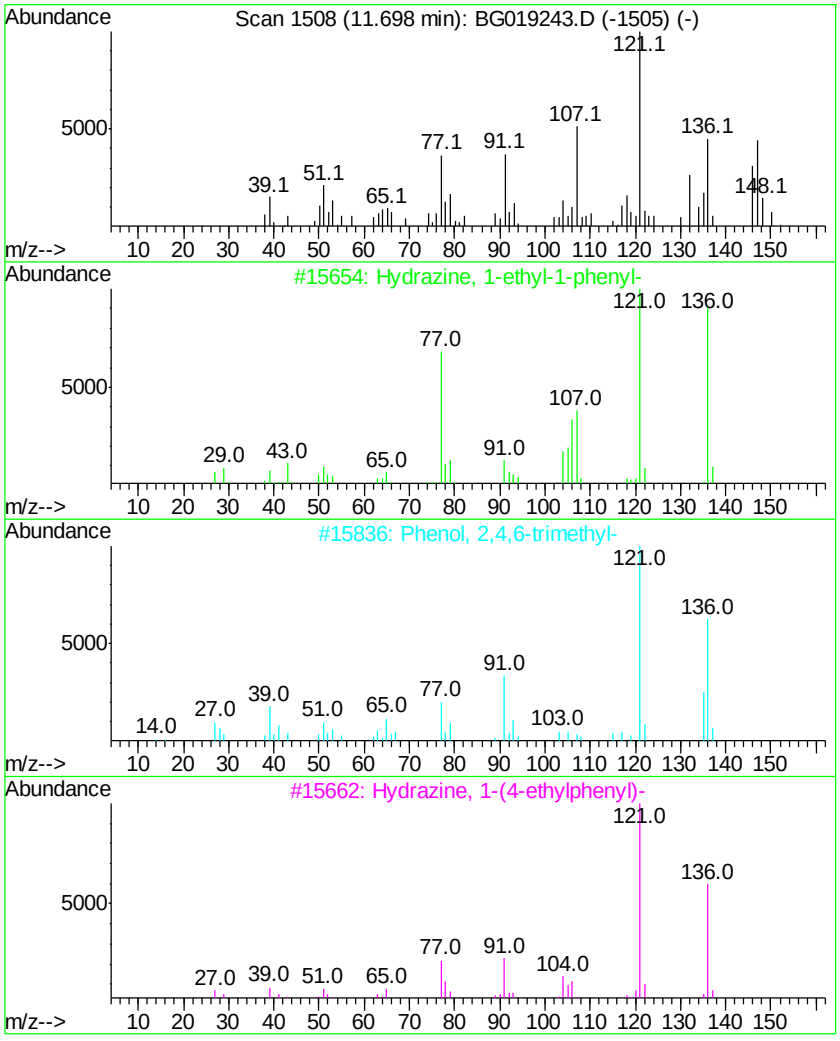
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

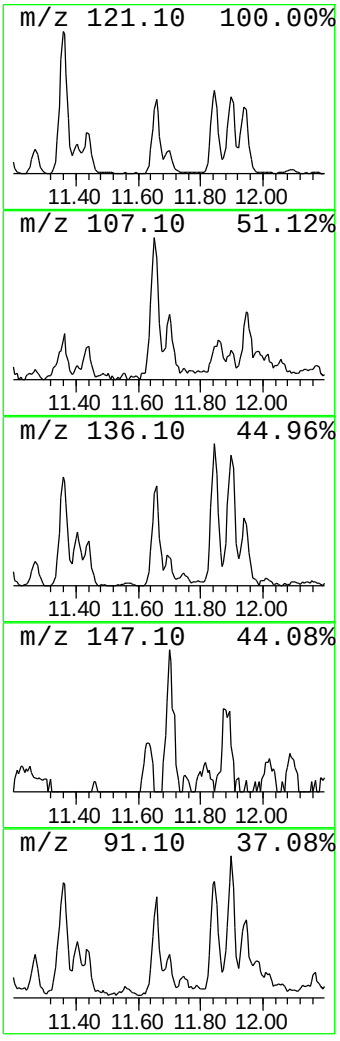
****

Peak Number 8 Hydrazine, 1-ethyl-1-phenyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	7.48 ng/ul	66291	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	55
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	46
3	Hydrazine, 1-(4-ethylphenyl)-	136	C8H12N2	054840-34-5	46
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	46
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	43





Library Search Compound Report

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Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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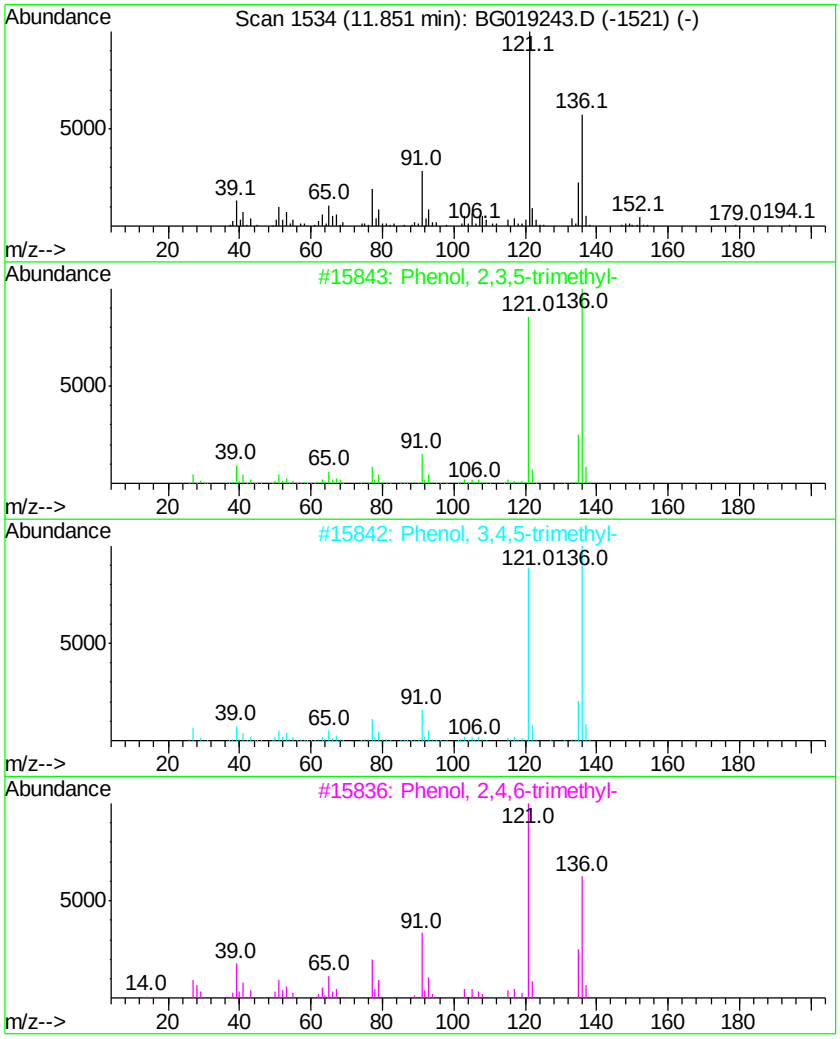
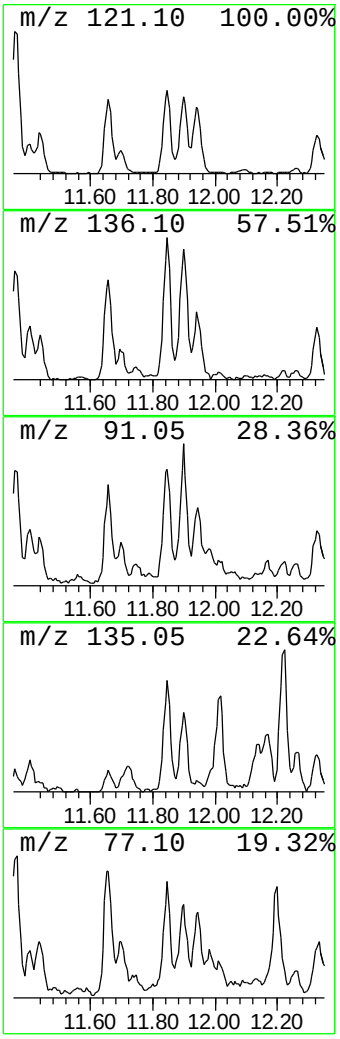
Peak Number 9 Phenol, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	30.61 ng/ul	271238	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	94
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87





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Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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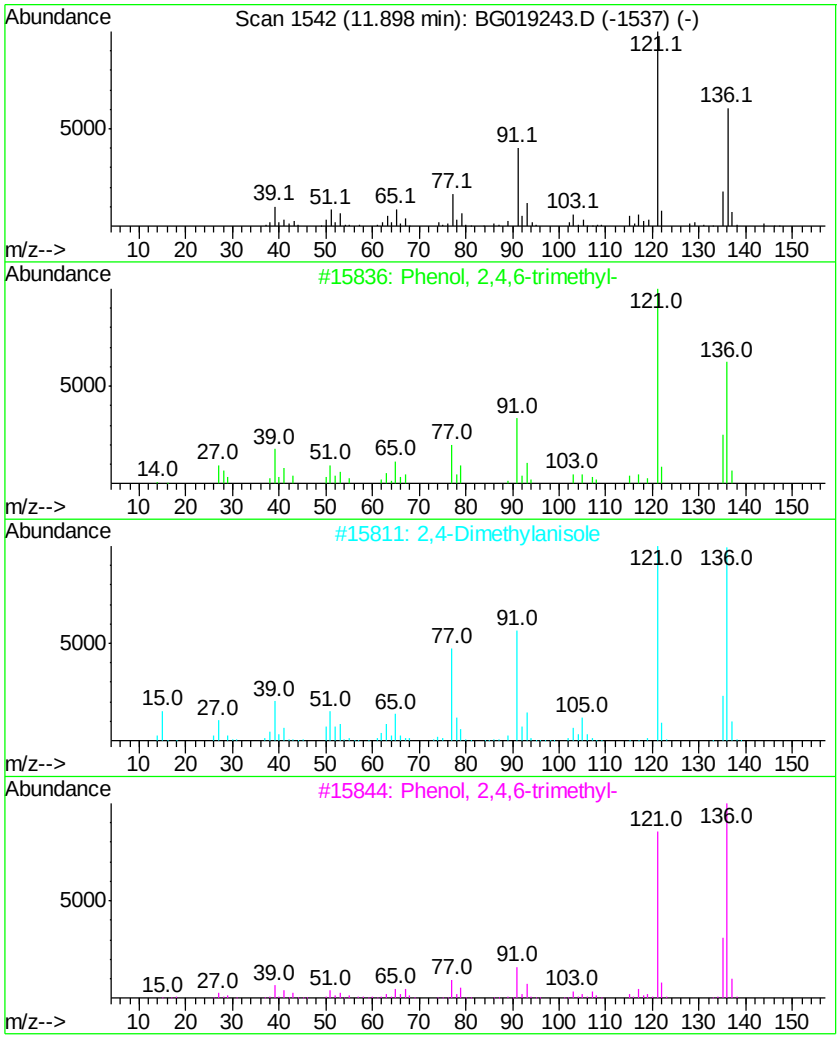
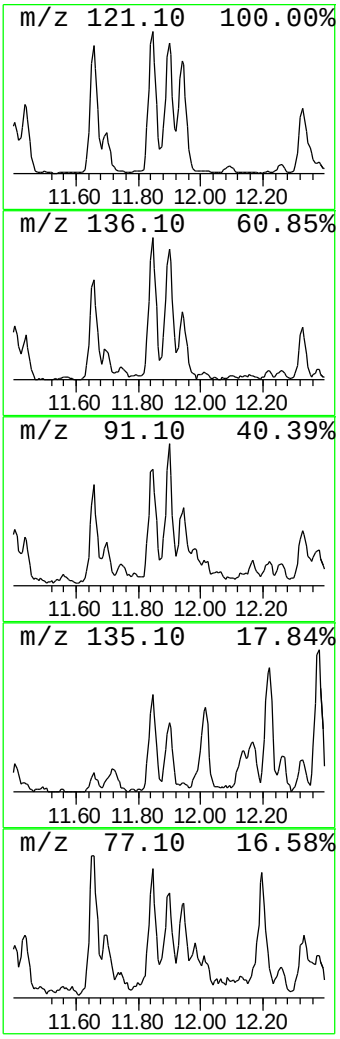
Peak Number 10 Phenol, 2,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	20.68 ng/ul	183258	Naphthalene-d8	10.82

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





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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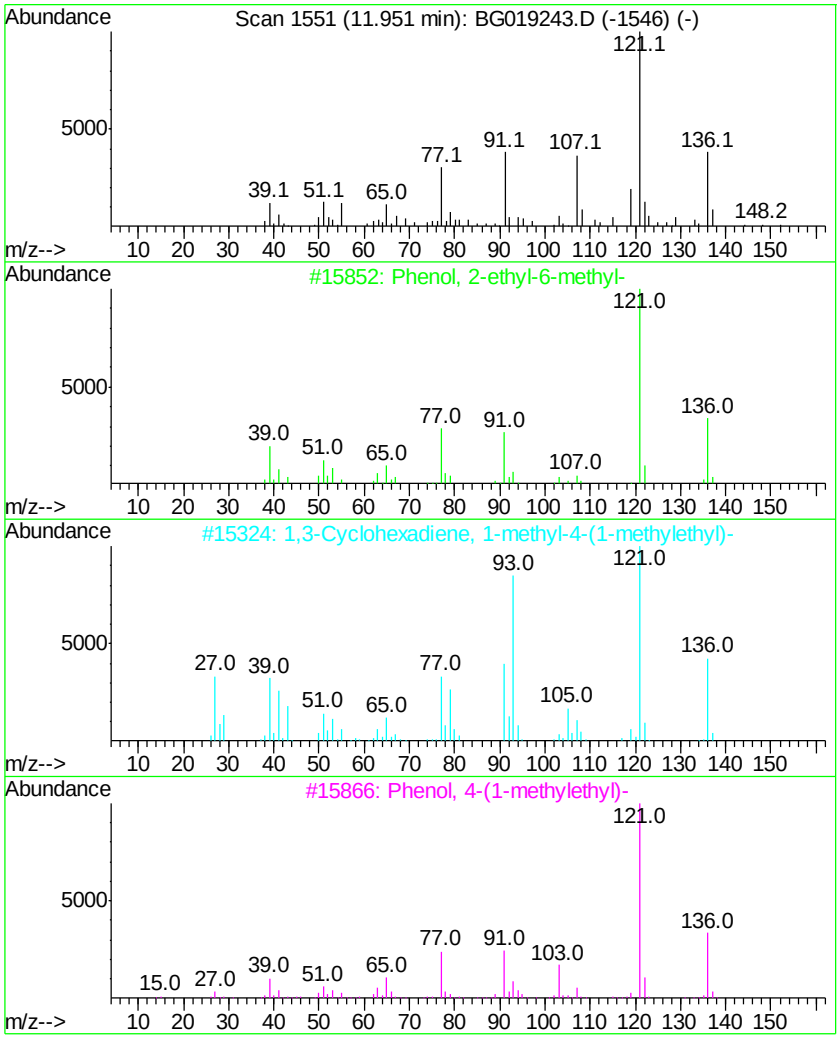
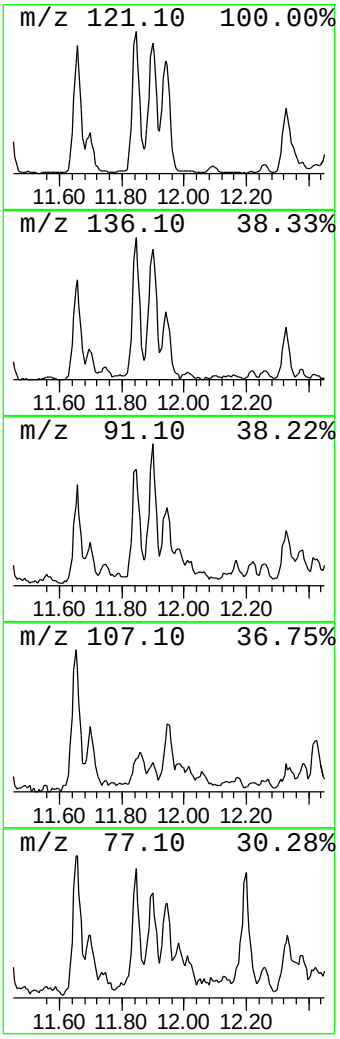
Peak Number 11 Phenol, 4-(1-methylethyl)- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	11.08 ng/ul	98146	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
2	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	86
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	83
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	80
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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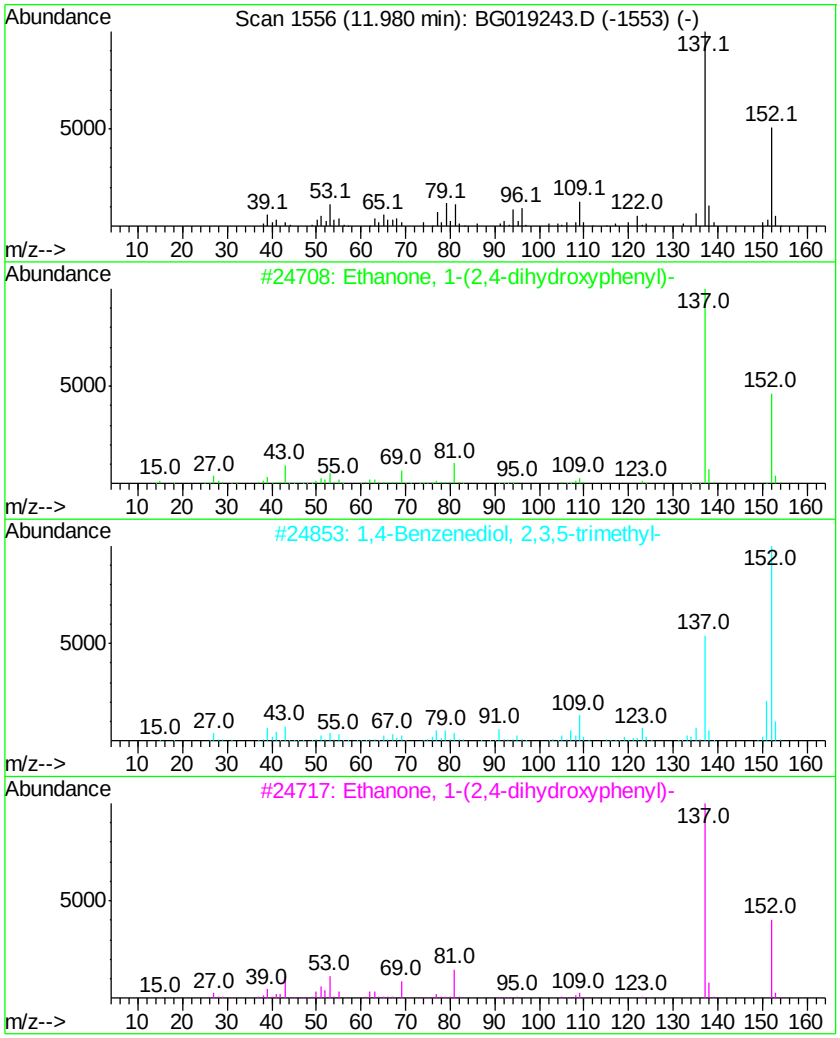
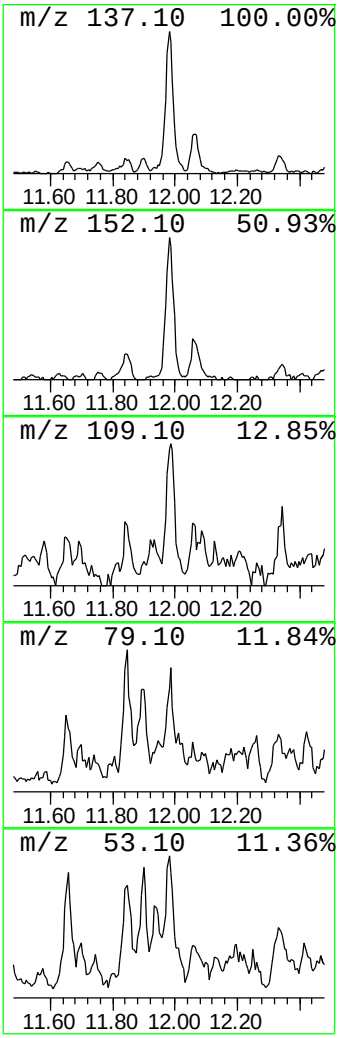
Peak Number 12 Ethanone, 1-(2,4-dihydroxyp... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	9.72 ng/ul	86169	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,4-dihydroxyphenyl)-	152	C8H8O3	000089-84-9	72
2	1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	72
3	Ethanone, 1-(2,4-dihydroxyphenyl)-	152	C8H8O3	000089-84-9	64
4	3,4-Dihydroxyacetophenone	152	C8H8O3	001197-09-7	64
5	O-Methoxy-.alpha.-methylbenzyl a...	152	C9H12O2	013513-82-1	64





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Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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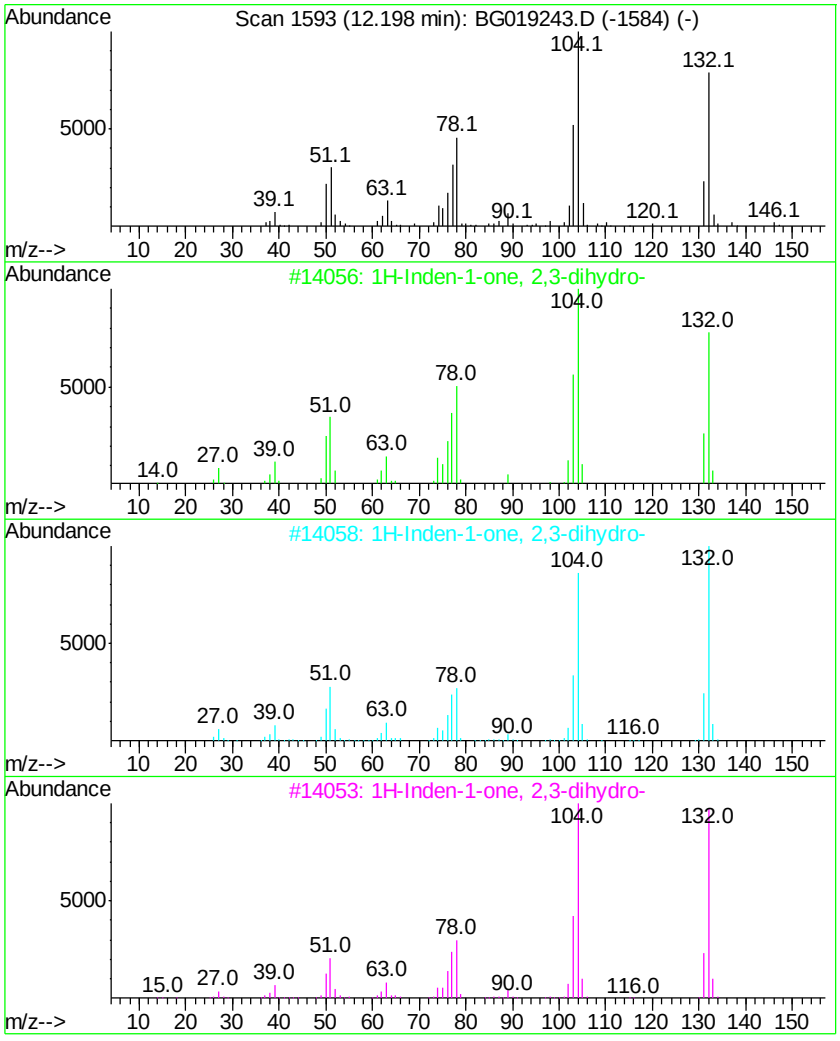
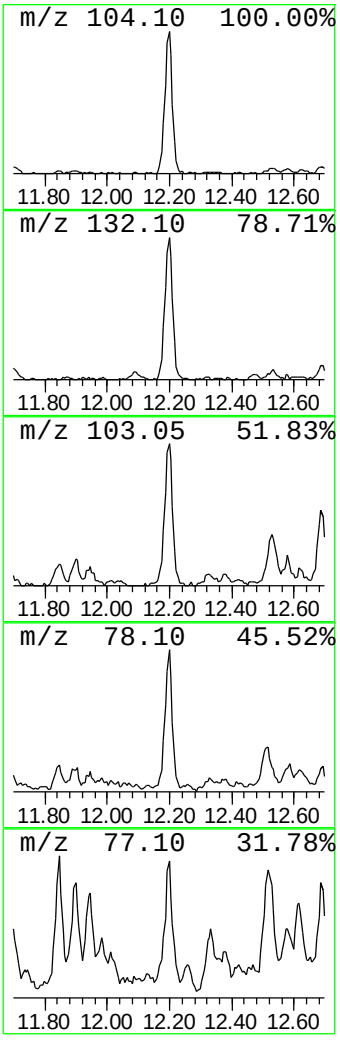
Peak Number 13 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	24.78 ng/ul	219553	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	97
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
4	Styrene	104	C8H8	000100-42-5	91
5	Styrene	104	C8H8	000100-42-5	91





Library Search Compound Report

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Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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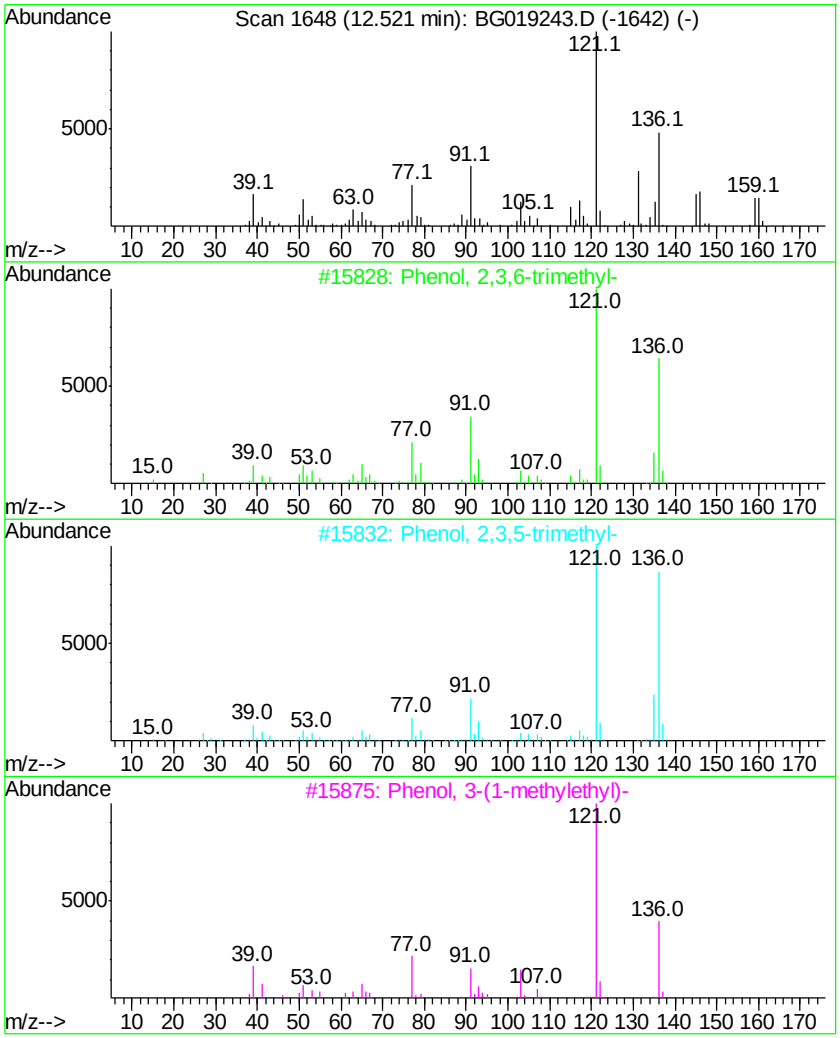
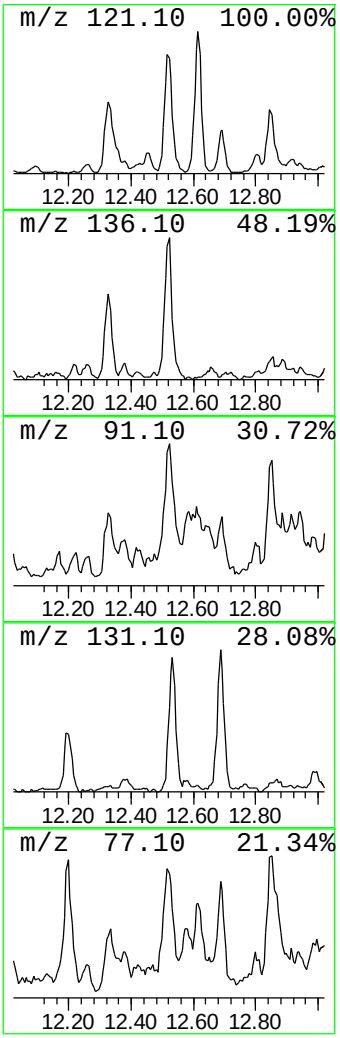
Peak Number 15 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	34.68 ng/ul	307298	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	58
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	50
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	49
4	Acetophenone, 4'-hydroxy-	136	C8H8O2	000099-93-4	49
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	47





Library Search Compound Report

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Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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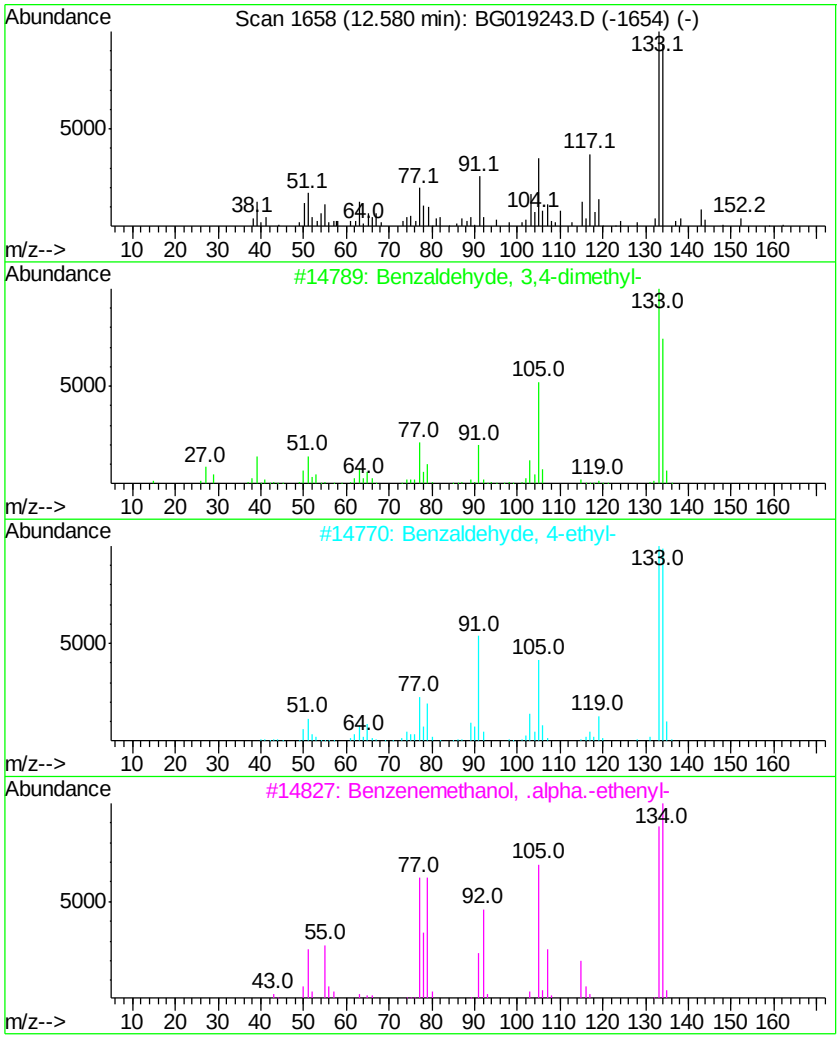
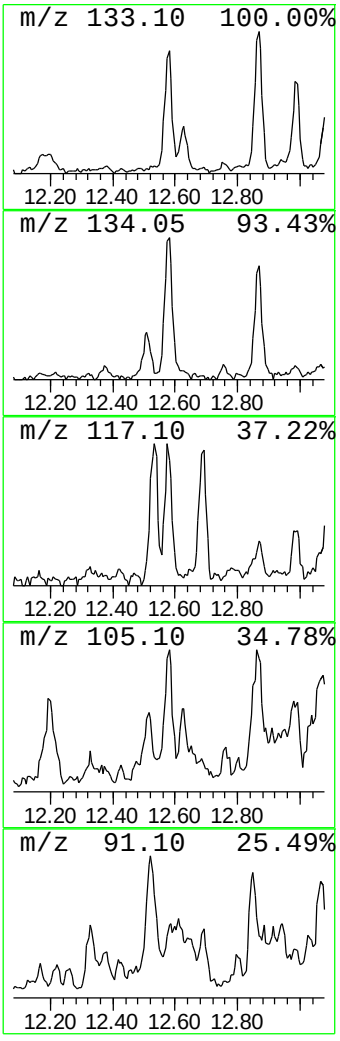
Peak Number 16 Benzaldehyde, 3,4-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	12.93 ng/ul	114611	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	76
2	Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	74
3	Benzenemethanol, .alpha.-ethenyl-	134	C9H10O	004393-06-0	74
4	Benzaldehyde, 2,4-dimethyl-	134	C9H10O	015764-16-6	68
5	Benzaldehyde, 2,5-dimethyl-	134	C9H10O	005779-94-2	68





Library Search Compound Report

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Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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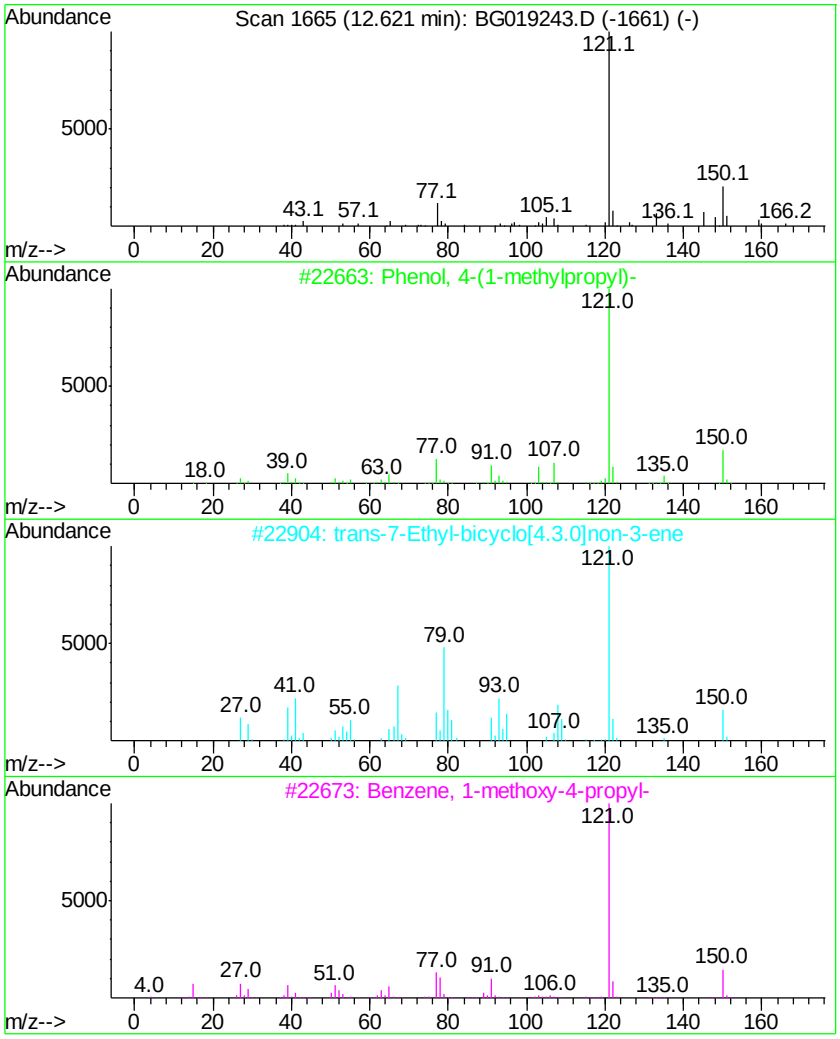
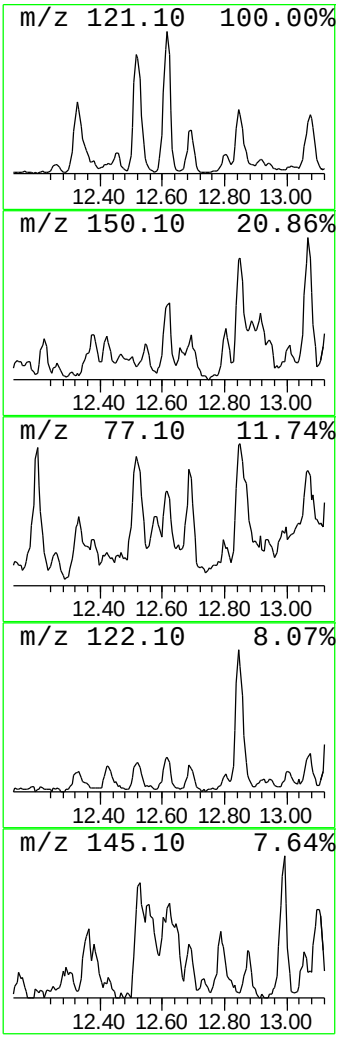
Peak Number 17 Phenol, 4-(1-methylpropyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	13.49 ng/ul	119551	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	80
2	trans-7-Ethyl-bicyclo[4.3.0]non-...	150	C11H18	1000145-84-7	72
3	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	72
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	72
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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

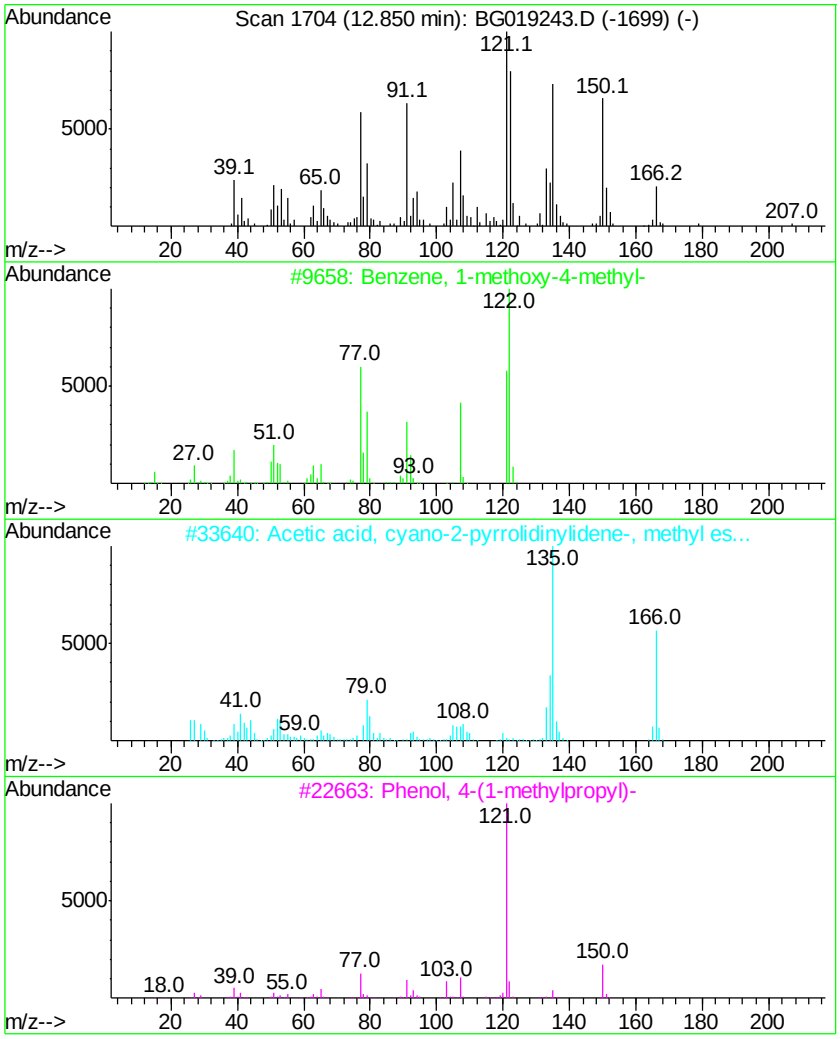
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

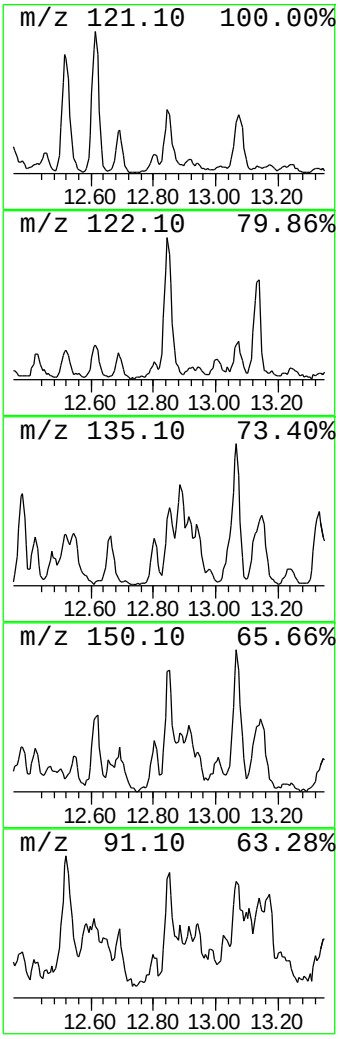
****

Peak Number 18 Benzene, 1-methoxy-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	17.66 ng/ul	322591	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	51
2	Acetic acid, cyano-2-pyrrolidinyl...	166	C8H10N2O2	083132-84-7	43
3	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	38
4	Hydrazine, (2-methylphenyl)-	122	C7H10N2	000529-27-1	35
5	Benzene, 1-ethenyl-4-(methylthio)-	150	C9H10S	018760-11-7	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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

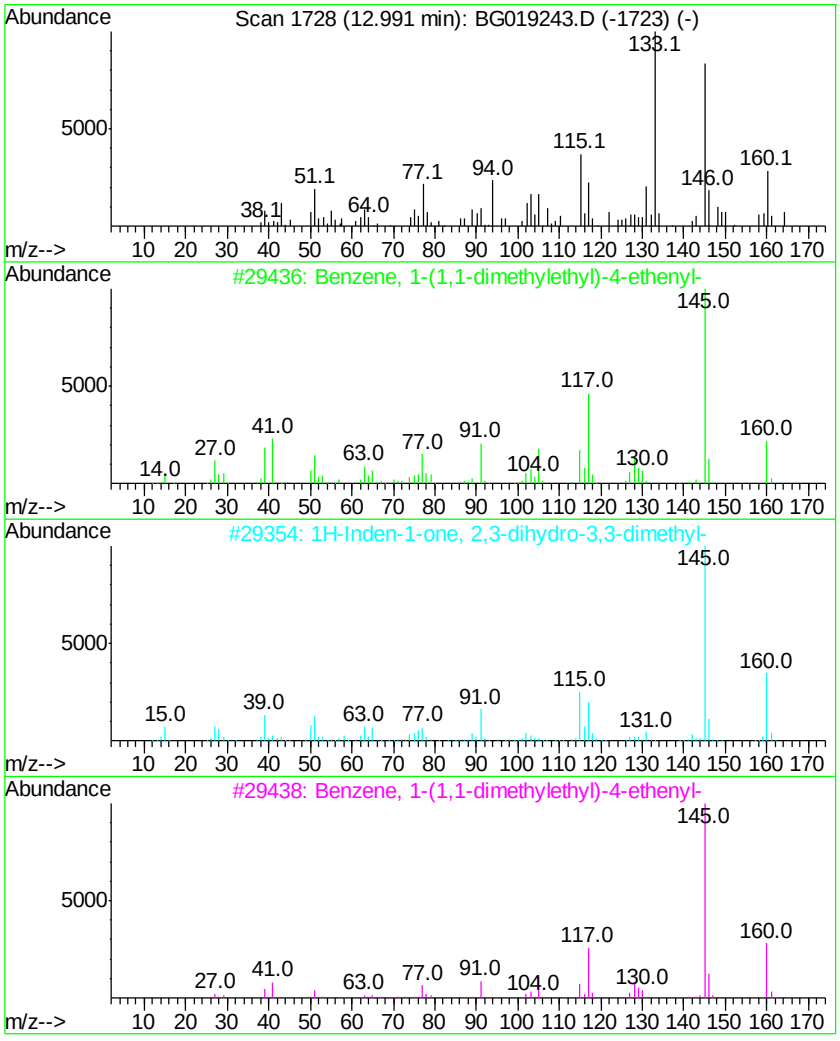
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

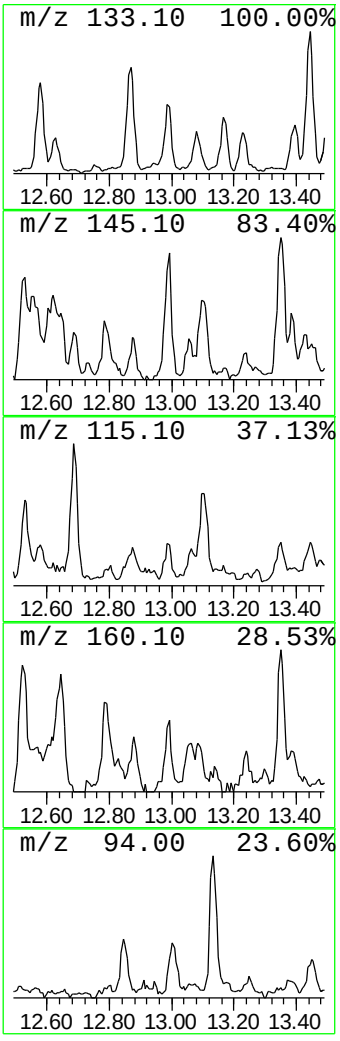
****

Peak Number 19 unknown-02 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	3.48 ng/ul	63584	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	46
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	43
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	41
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	38
5	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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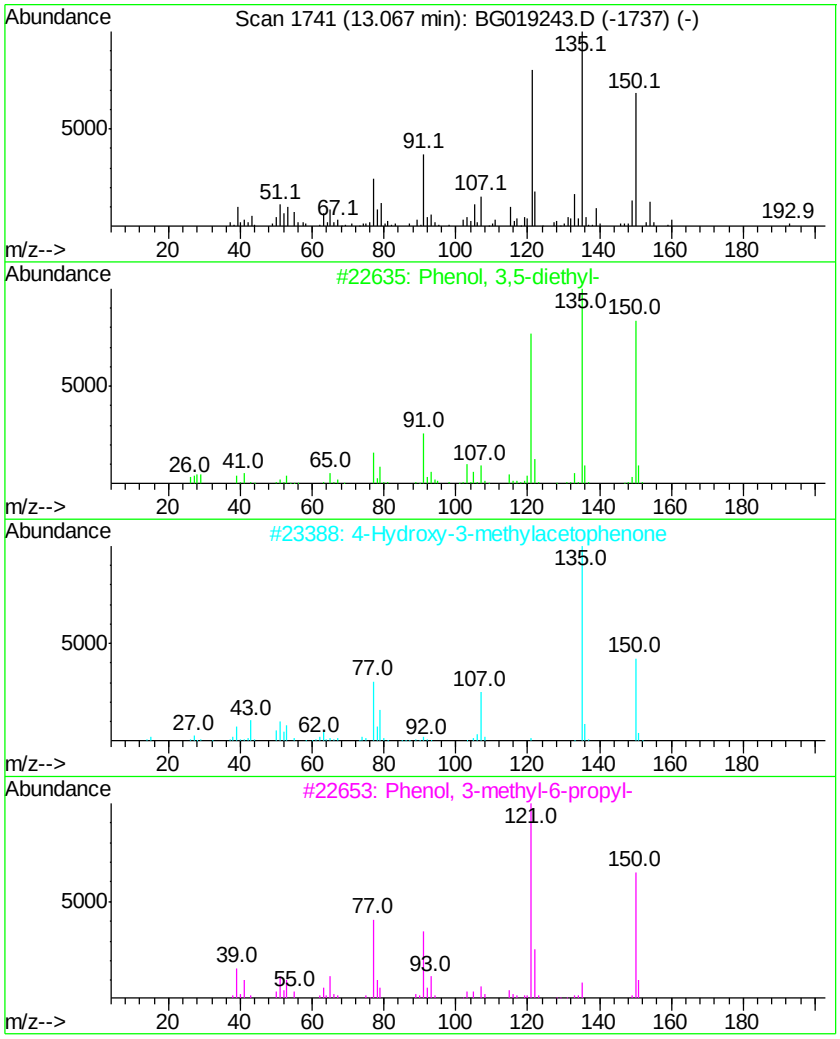
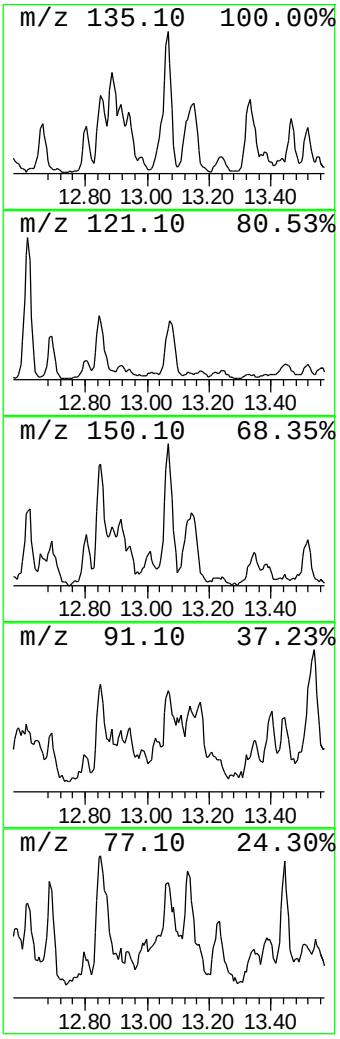
Peak Number 20 Phenol, 3,5-diethyl- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	5.35 ng/ul	97691	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-diethyl-	150	C10H14O	001197-34-8	72
2	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	49
3	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	49
4	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	46
5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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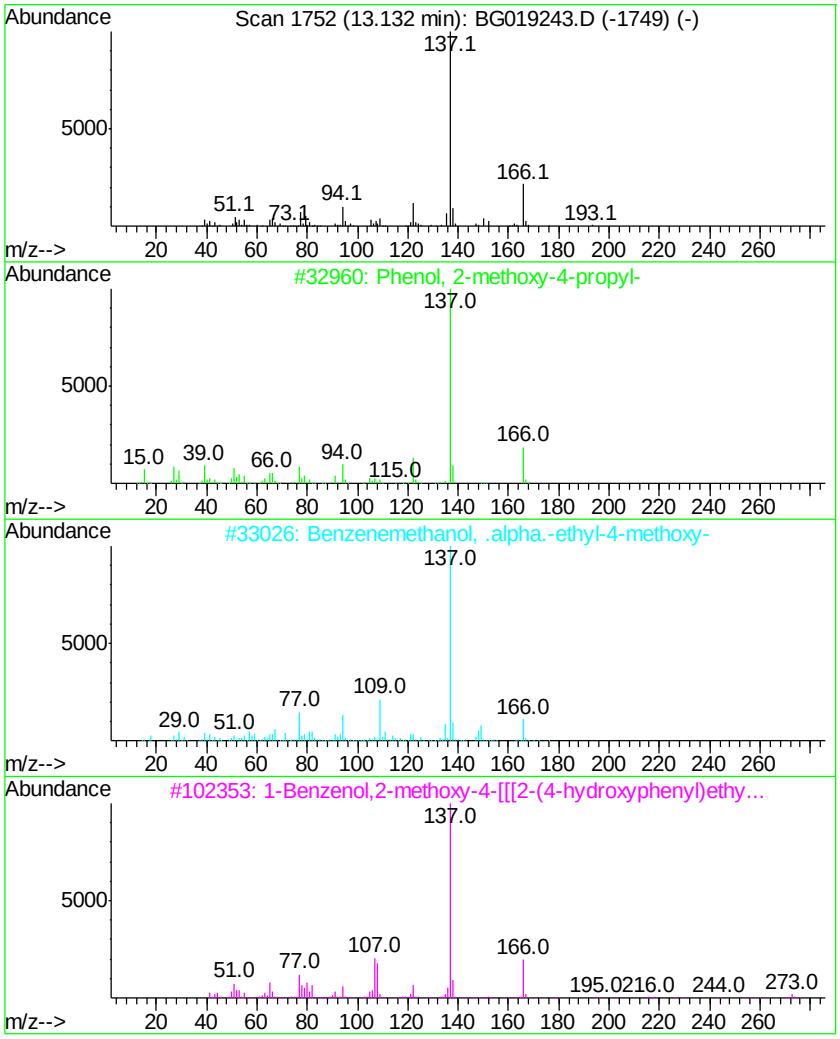
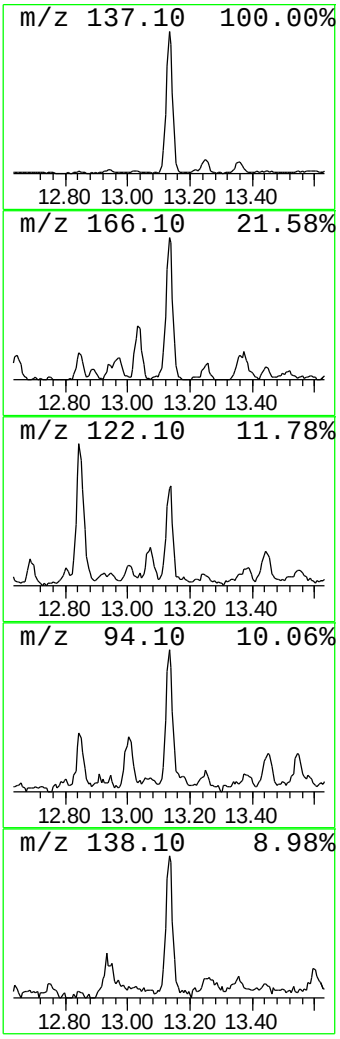
Peak Number 21 Phenol, 2-methoxy-4-propyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	10.09 ng/ul	184218	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-propyl-	166	C10H14O2	002785-87-7	90
2	Benzenemethanol, .alpha.-ethyl-4...	166	C10H14O2	005349-60-0	72
3	1-Benzenol,2-methoxy-4-[[[2-(4-h...	273	C16H19NO3	033120-06-8	64
4	2',4'-Dihydroxypropiophenone	166	C9H10O3	005792-36-9	64
5	Homovanillyl alcohol	168	C9H12O3	002380-78-1	59





Library Search Compound Report

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Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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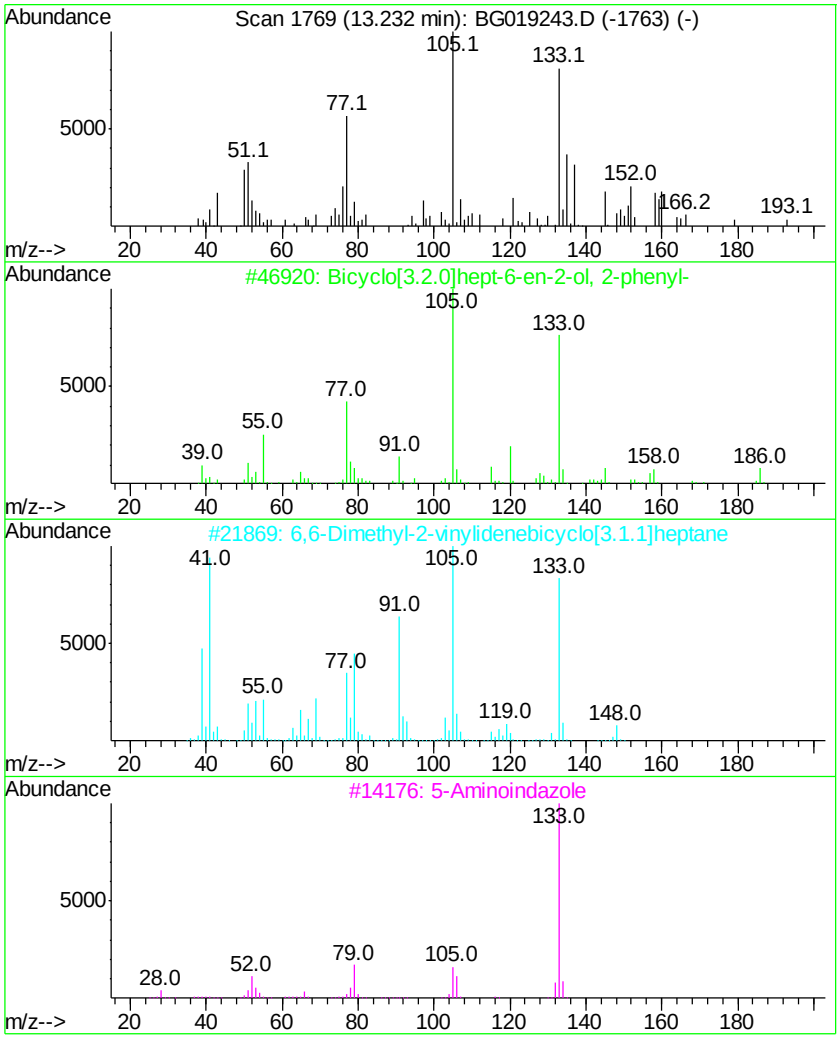
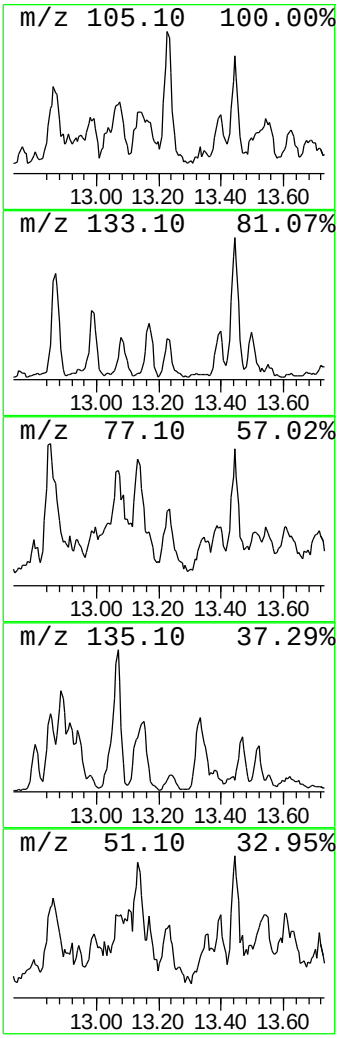
Peak Number 22 unknown-03 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	8.31 ng/ul	151774	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.0]hept-6-en-2-ol, 2-...	186	C13H14O	1000142-21-9	37
2	6,6-Dimethyl-2-vinylidenebicyclo...	148	C11H16	039021-75-5	30
3	5-Aminoindazole	133	C7H7N3	019335-11-6	25
4	Benzoic acid, 2-methoxy-	152	C8H8O3	000579-75-9	22
5	1H-Benzimidazol-2-amine	133	C7H7N3	000934-32-7	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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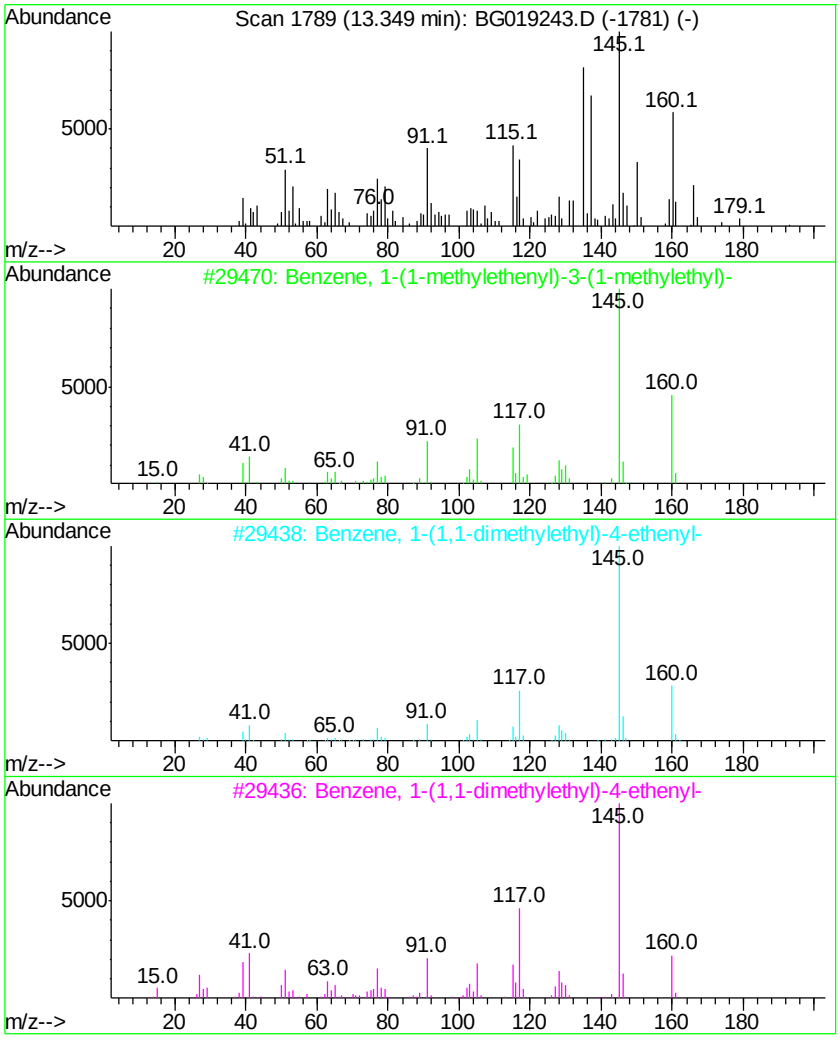
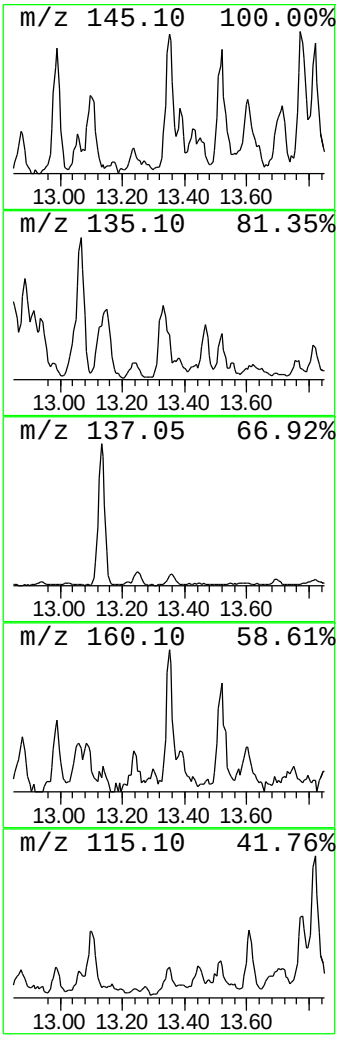
Peak Number 23 unknown-04 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	8.06 ng/ul	147253	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	41
2	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	38
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	38
4	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	38
5	Thymol	150	C10H14O	000089-83-8	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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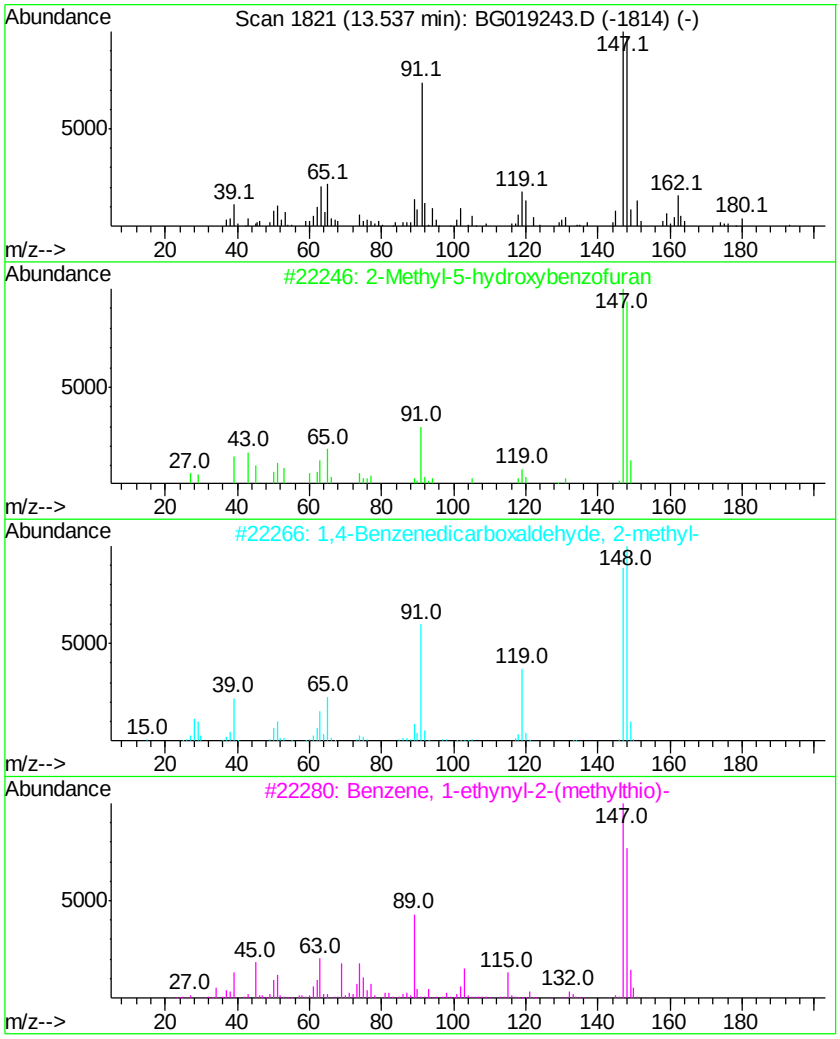
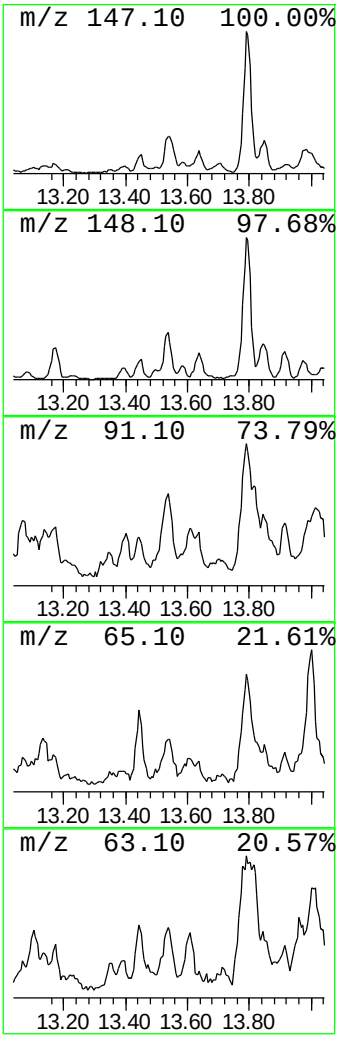
Peak Number 24 2-Methyl-5-hydroxybenzofuran Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	9.20 ng/ul	167954	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-5-hydroxybenzofuran	148	C9H8O2	006769-56-8	80
2	1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	76
3	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	64
4	Pyridine, 4-(1-pyrrolidinyl)-	148	C9H12N2	002456-81-7	53
5	Pyridine, 4-(1-pyrrolidinyl)-	148	C9H12N2	002456-81-7	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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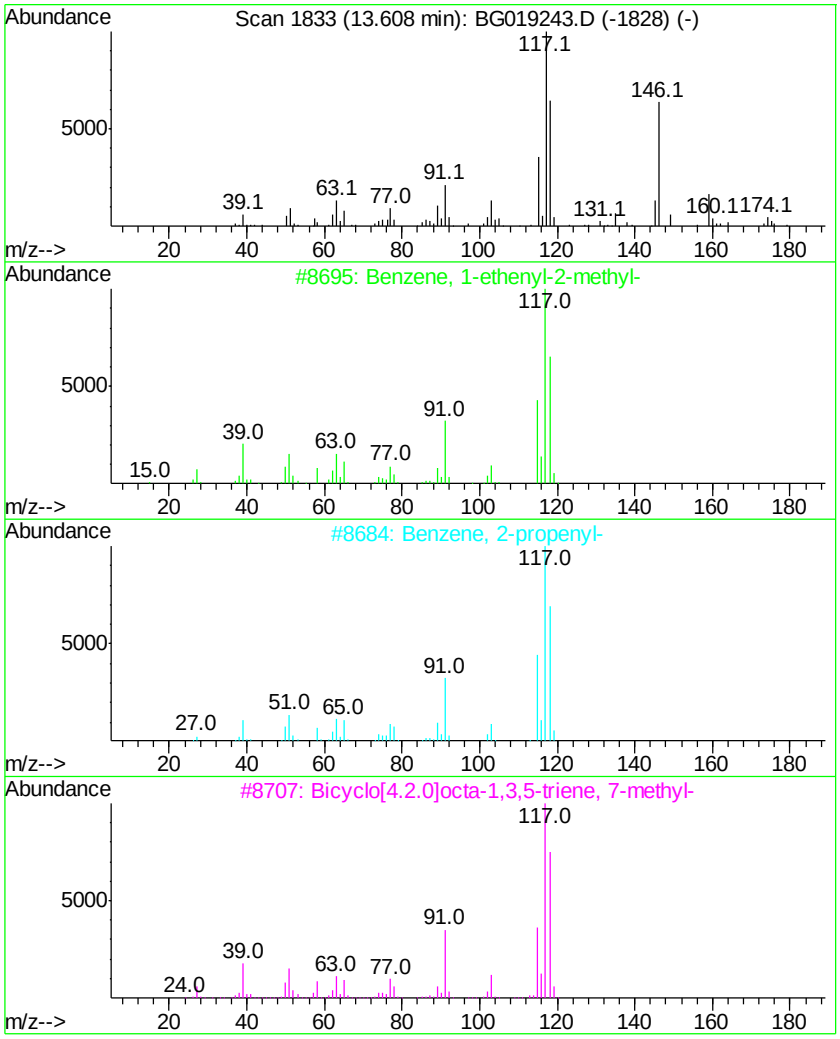
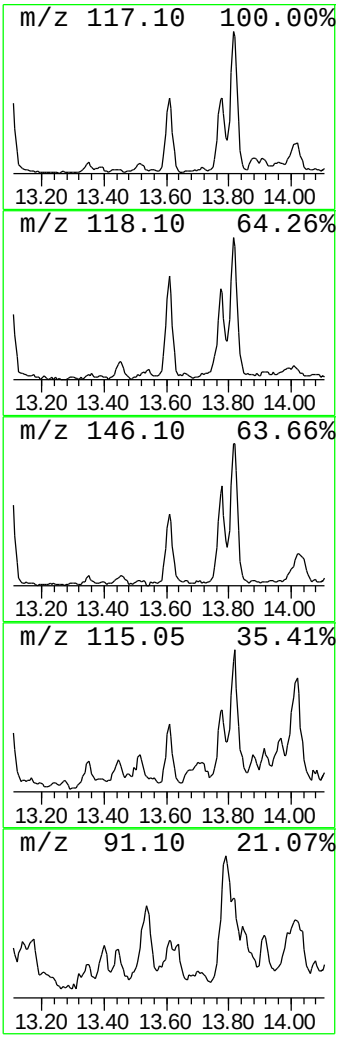
Peak Number 25 Benzene, 1-ethenyl-2-methyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	5.90 ng/ul	107770	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	78
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	60
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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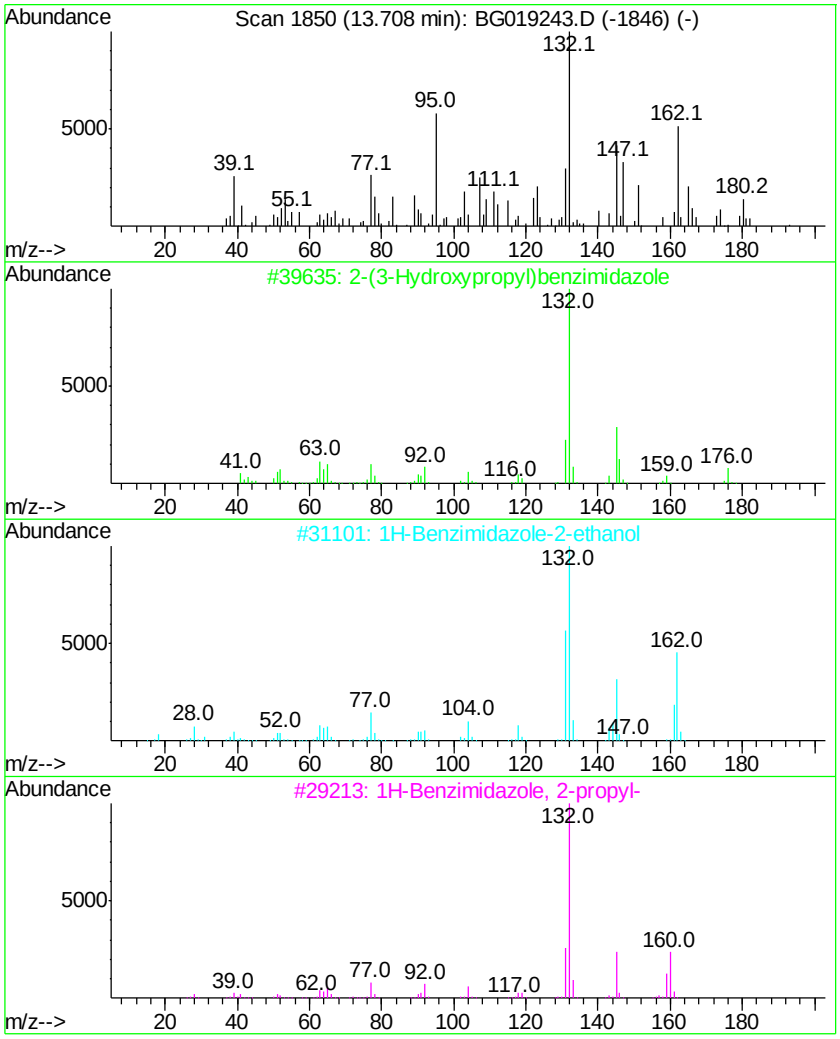
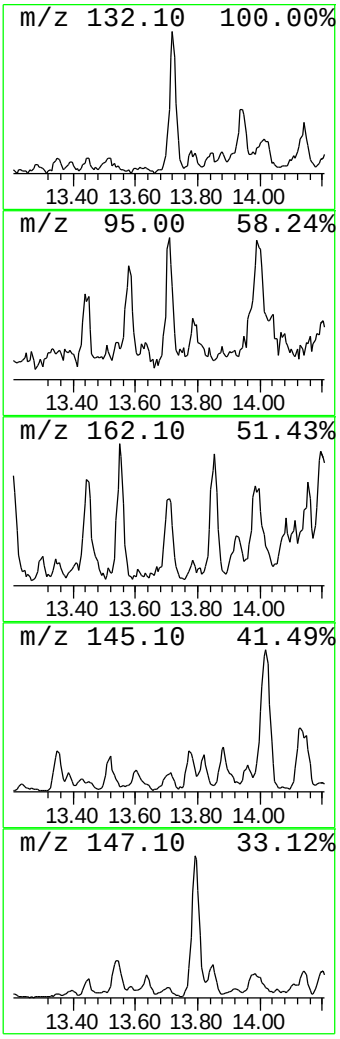
Peak Number 26 unknown-05 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	4.22 ng/ul	76996	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(3-Hydroxypropyl)benzimidazole	176	C10H12N2O	002403-66-9	43
2	1H-Benzimidazole-2-ethanol	162	C9H10N2O	004857-01-6	37
3	1H-Benzimidazole, 2-propyl-	160	C10H12N2	005465-29-2	37
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
5	1H-Benzimidazole, 2-butyl-	174	C11H14N2	005851-44-5	25





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Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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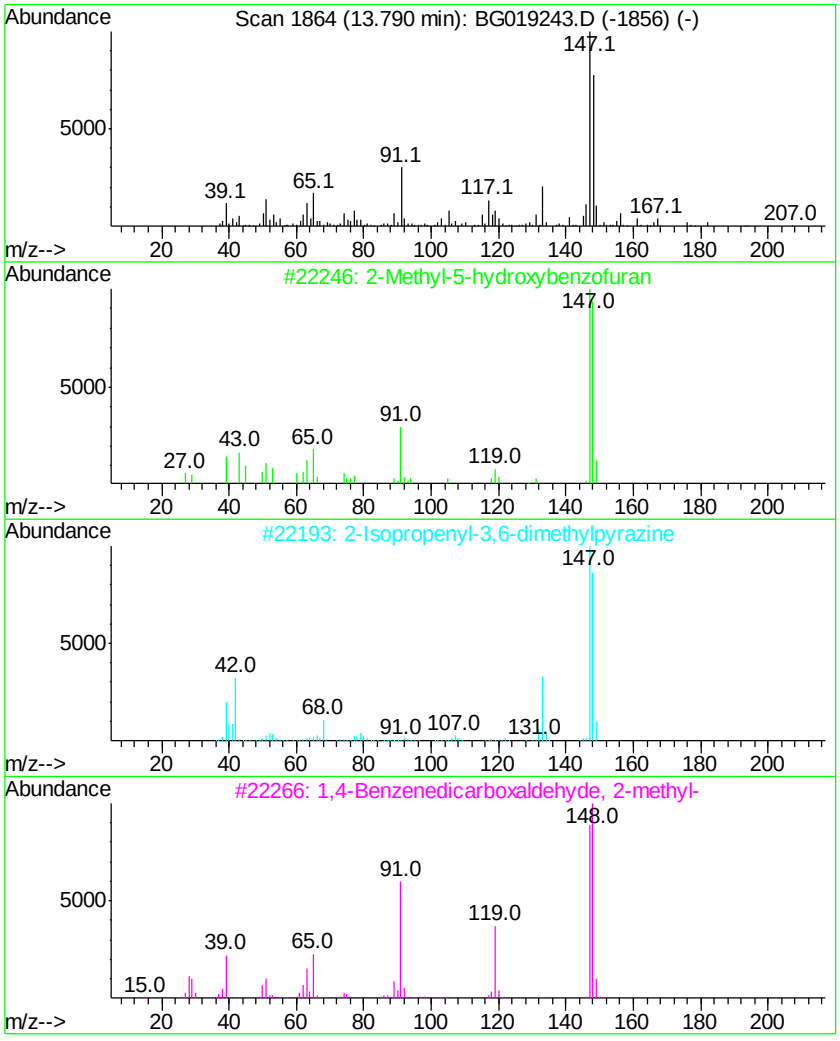
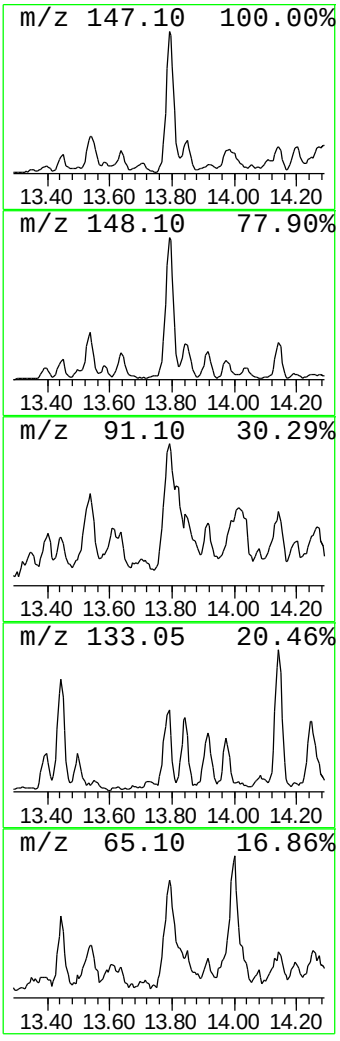
Peak Number 27 2-Isopropenyl-3,6-dimethylp... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	33.51 ng/ul	612055	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-5-hydroxybenzofuran	148	C9H8O2	006769-56-8	86
2	2-Isopropenyl-3,6-dimethylpyrazine	148	C9H12N2	1000109-60-7	72
3	1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	70
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	64
5	Pyrrole-2-carbonitrile, 5-formyl...	148	C8H8N2O	026187-38-2	64





Library Search Compound Report

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Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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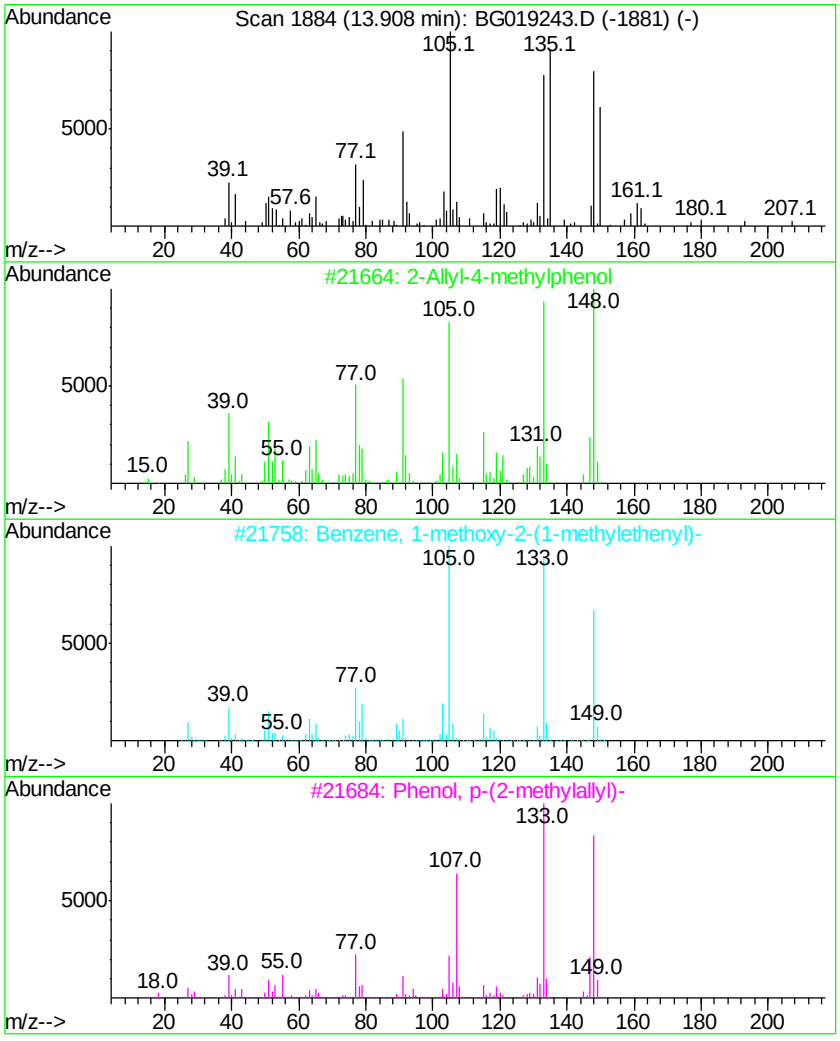
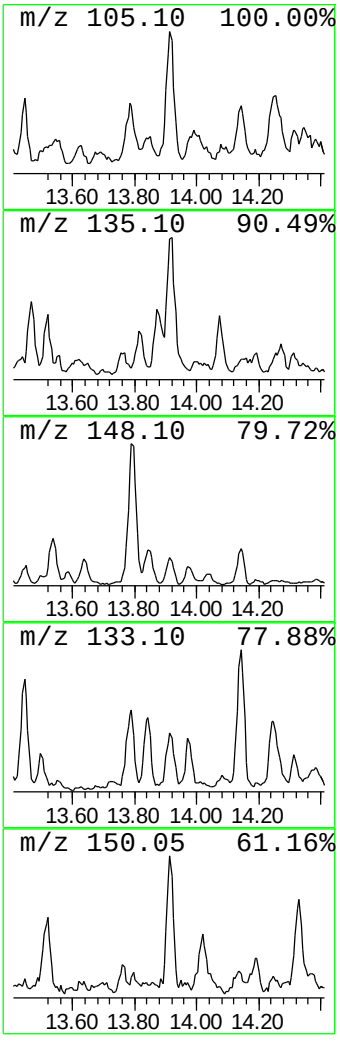
Peak Number 28 2-Allyl-4-methylphenol Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	5.92 ng/ul	108066	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Allyl-4-methylphenol	148	C10H12O	006628-06-4	70
2	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	50
3	Phenol, p-(2-methylallyl)-	148	C10H12O	033641-78-0	45
4	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	45
5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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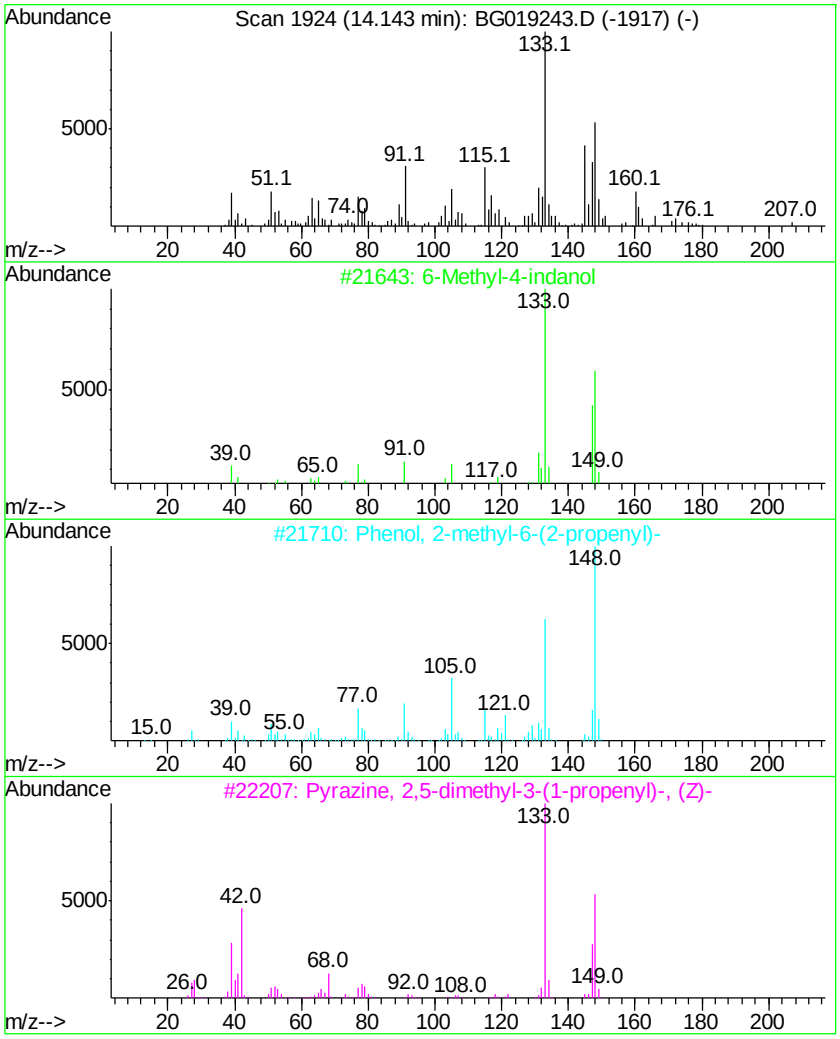
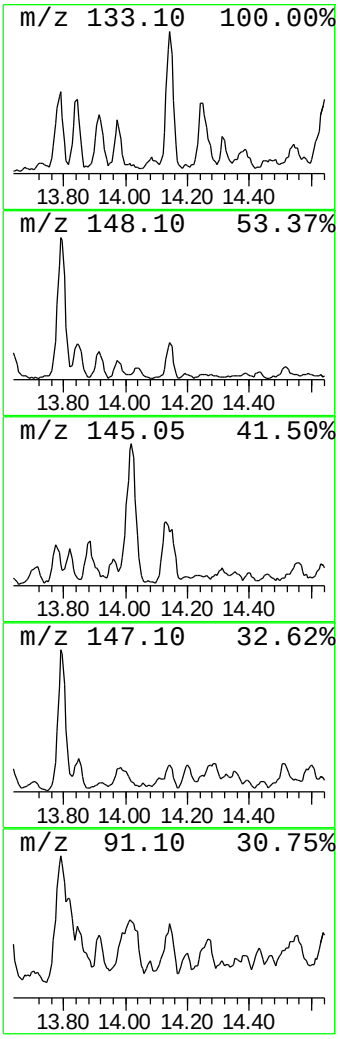
Peak Number 29 6-Methyl-4-indanol Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	14.69 ng/ul	268250	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4-indanol	148	C10H12O	020294-32-0	86
2	Phenol, 2-methyl-6-(2-propenyl)-	148	C10H12O	003354-58-3	52
3	Pyrazine, 2,5-dimethyl-3-(1-prop...	148	C9H12N2	055138-73-3	49
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	49
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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

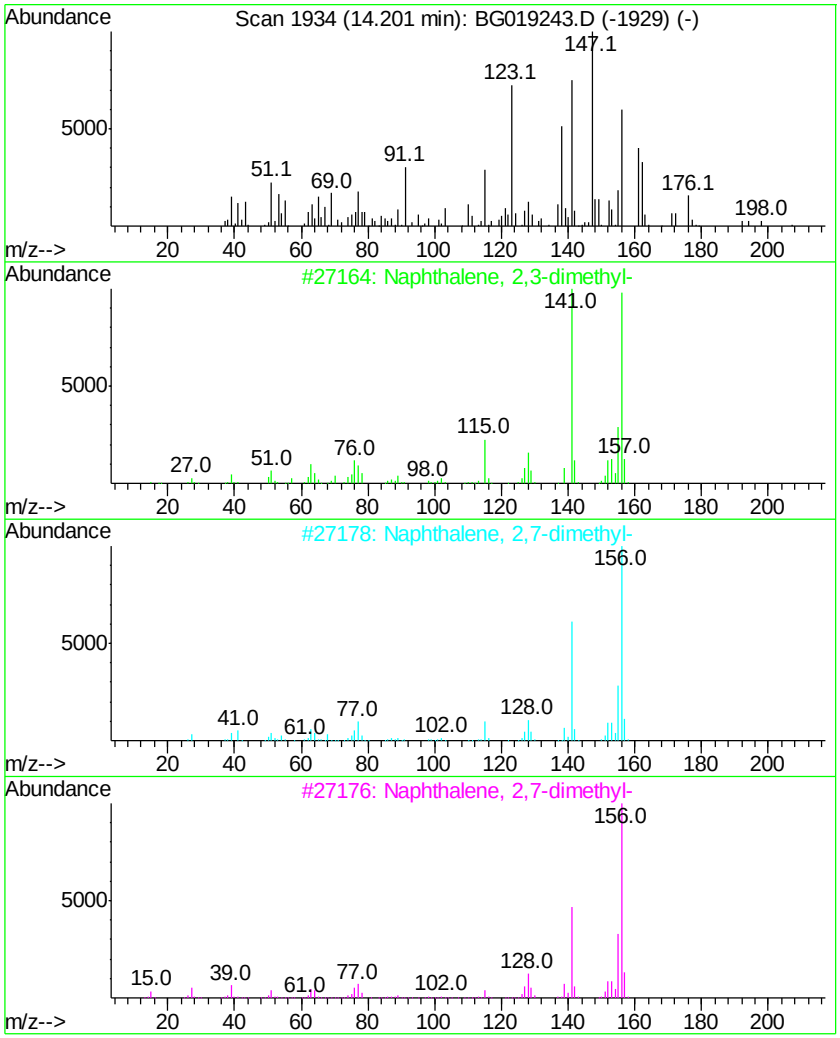
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

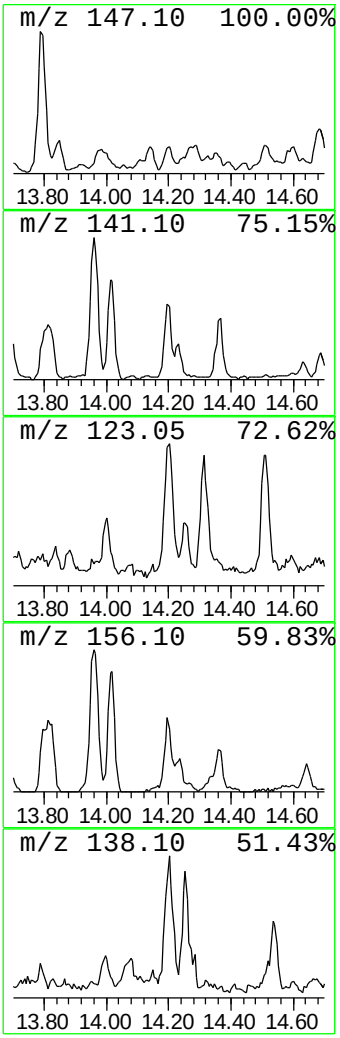
****

Peak Number 30 unknown-06 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	7.23 ng/ul	132046	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	42
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	42
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	42
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	42
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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

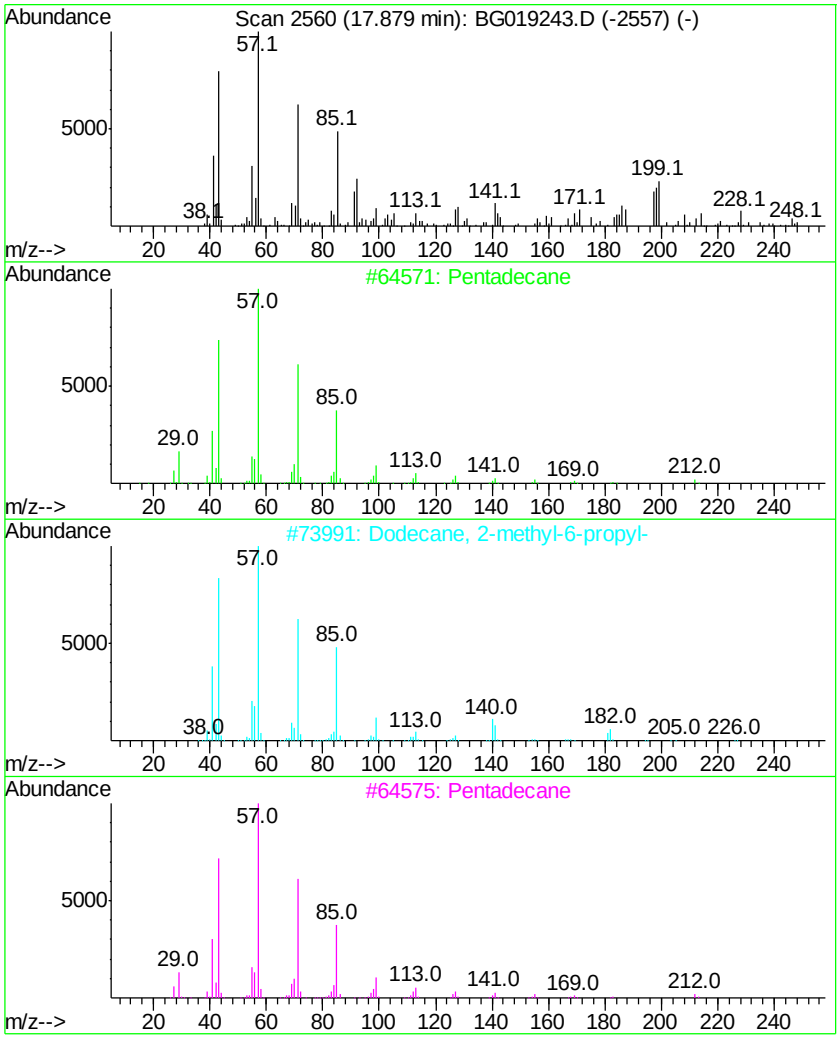
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

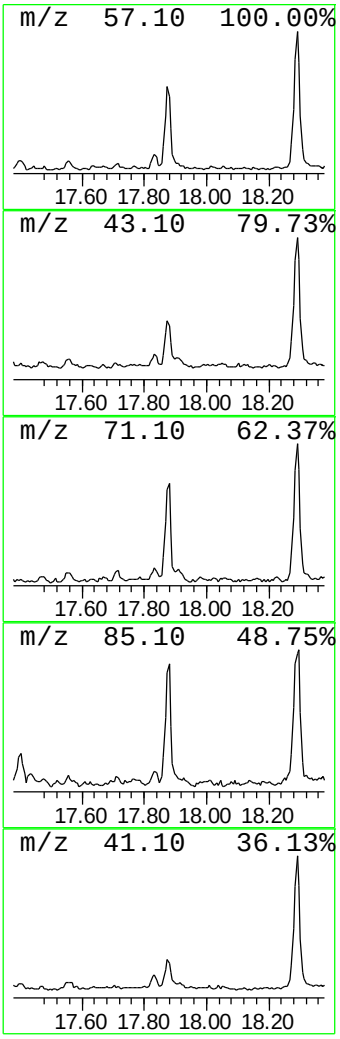
****

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	3.42 ng/ul	90671	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	64
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	60
3	Pentadecane	212	C15H32	000629-62-9	50
4	Tetradecane	198	C14H30	000629-59-4	46
5	Tridecane	184	C13H28	000629-50-5	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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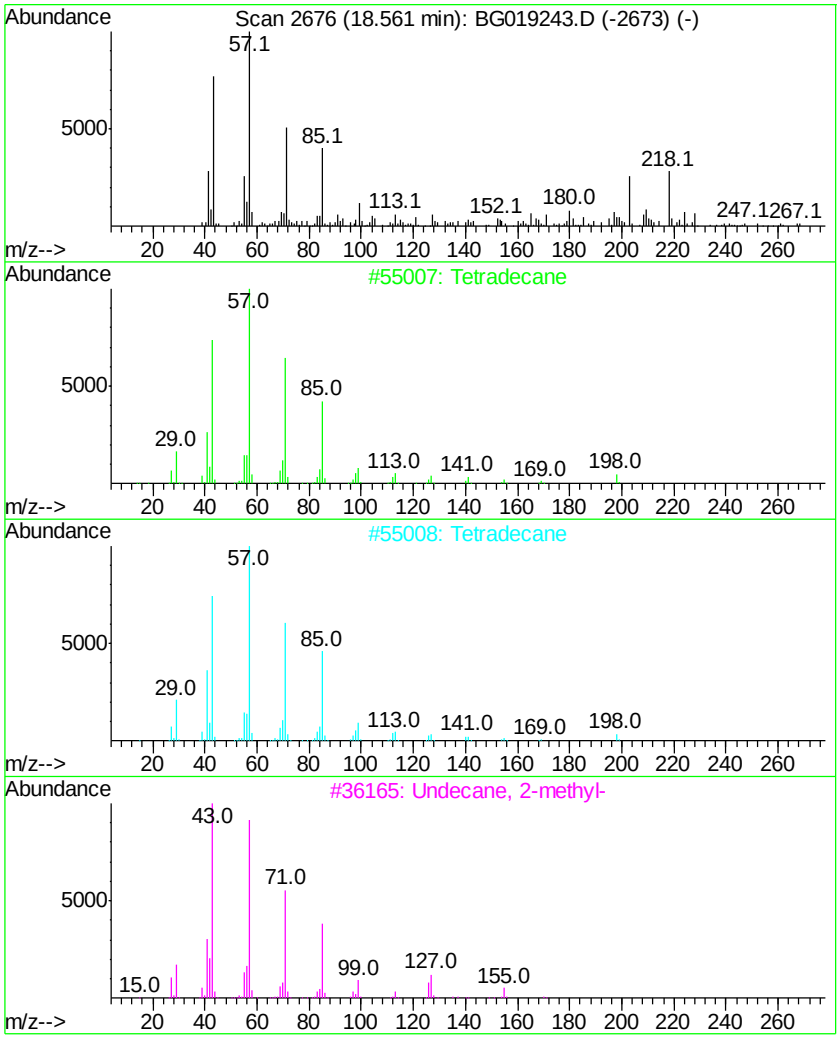
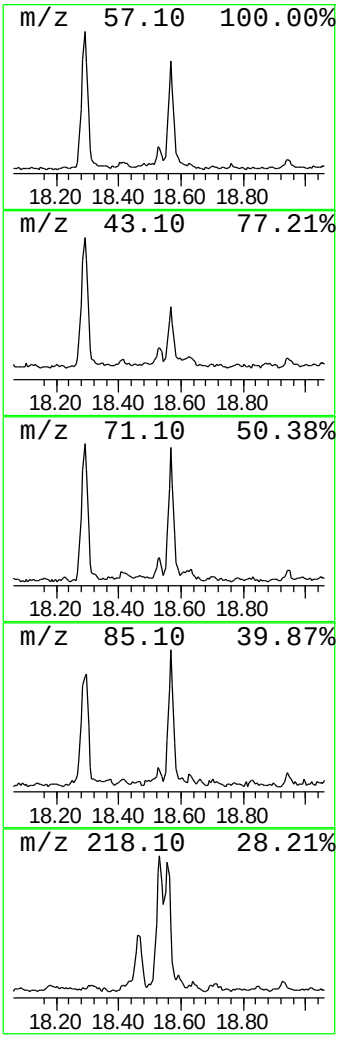
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	13.59 ng/ul	360604	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Tetradecane	198	C14H30	000629-59-4	64
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	52
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	52
5	Docosane	310	C22H46	000629-97-0	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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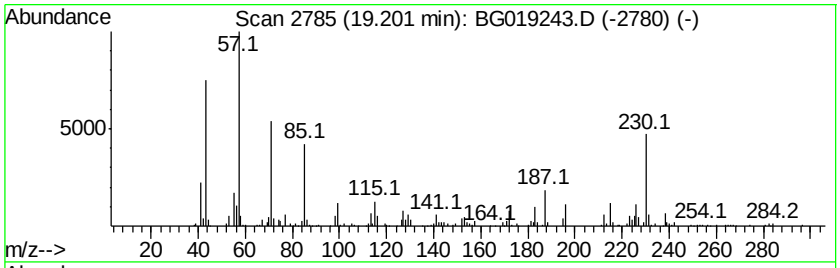
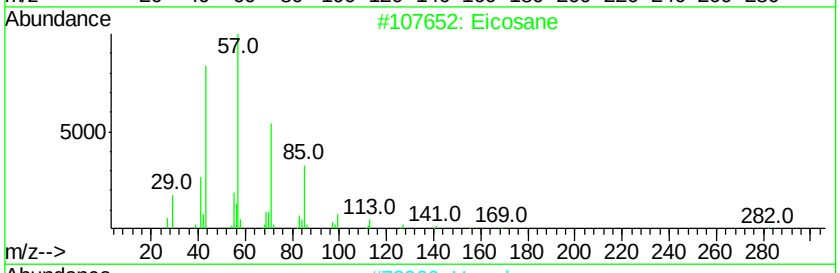
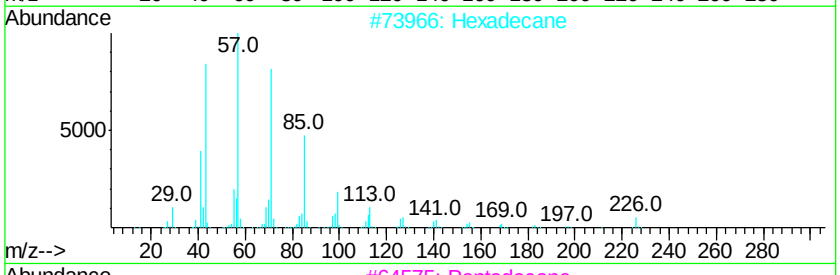
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 42

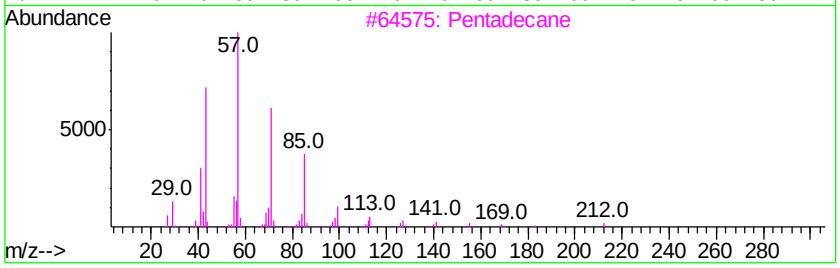
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	10.58 ng/ul	280733	Phenanthrene-d10	17.39

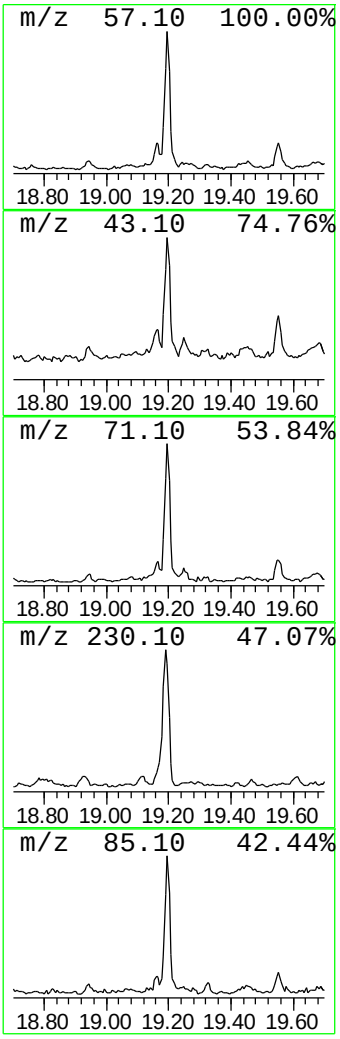
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	48
2	Hexadecane	226	C16H34	000544-76-3	42
3	Pentadecane	212	C15H32	000629-62-9	41
4	Benzene, 1-methoxy-2-(p-methoxyp...	230	C14H14O3	001655-72-7	38
5	Pentadecane	212	C15H32	000629-62-9	38











Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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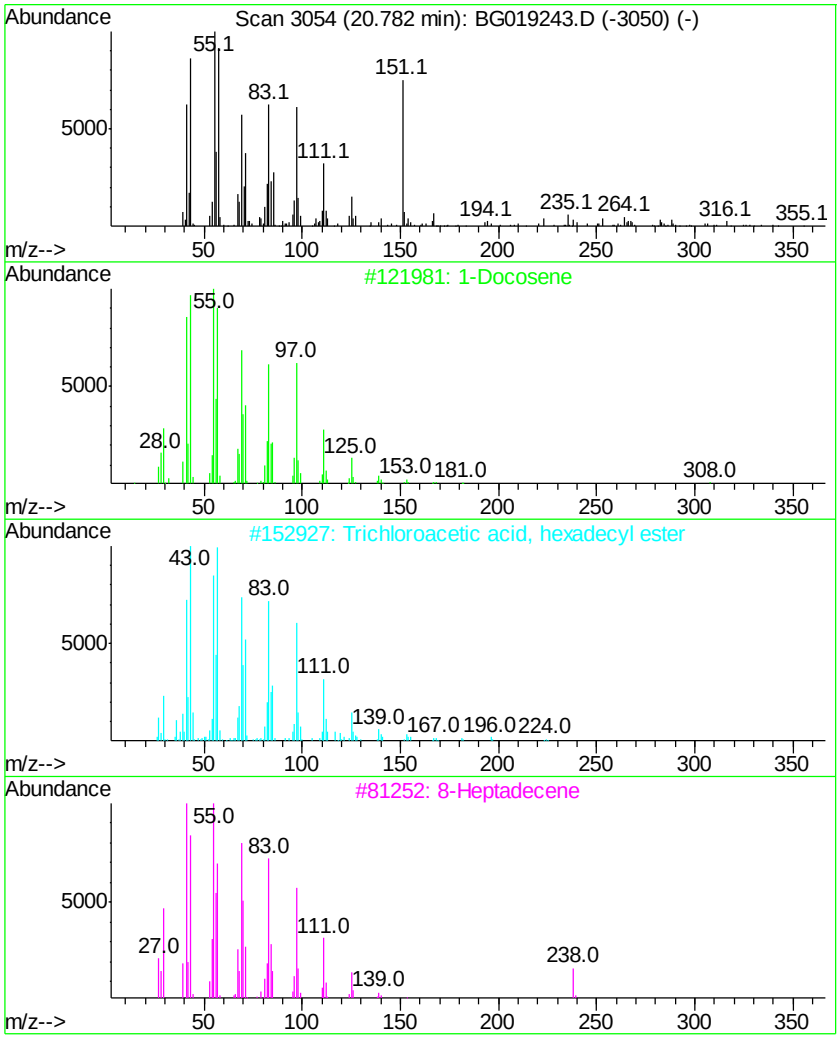
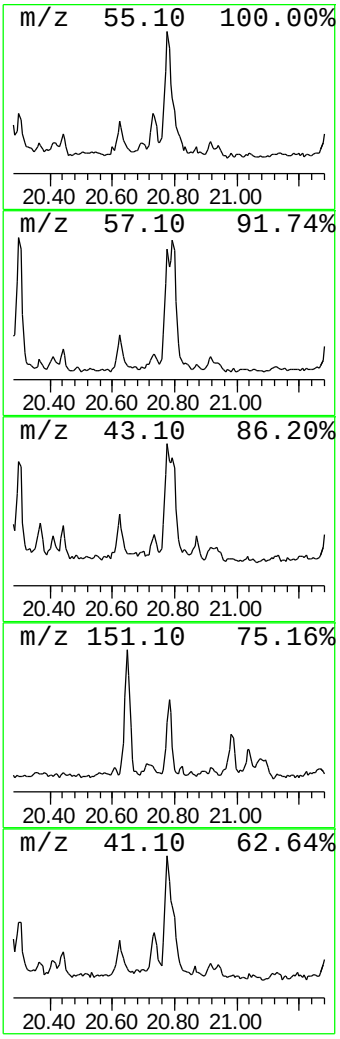
Peak Number 65 (DEL) Alkane: Cyclic20.78 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	16.50 ng/ul	498166	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	76
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	68
3	8-Heptadecene	238	C17H34	054290-12-9	68
4	Cyclotetracosane	336	C24H48	000297-03-0	64
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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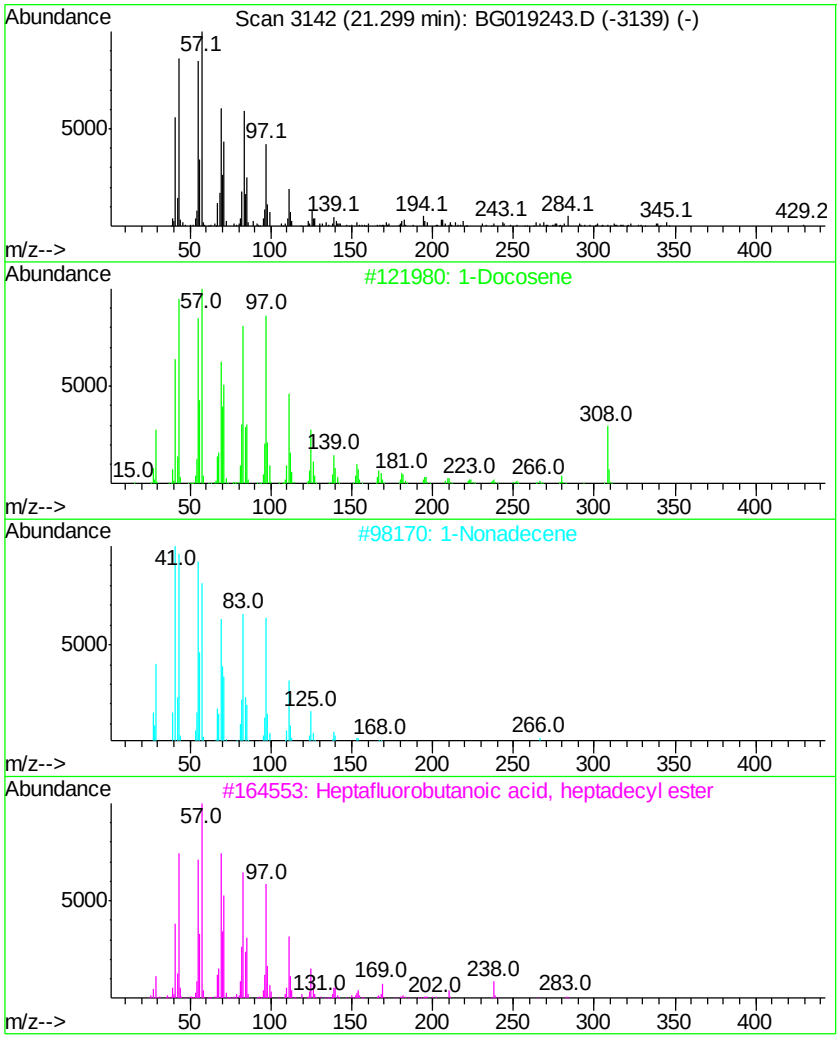
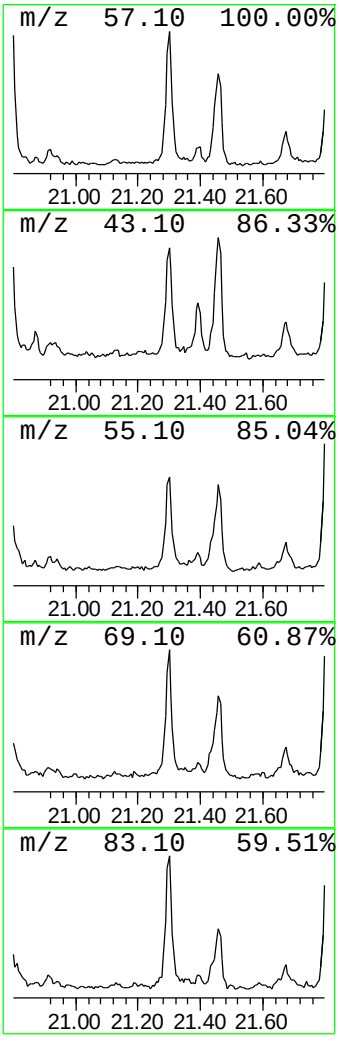
Peak Number 66 (DEL) Alkane: Cyclic21.30 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	7.61 ng/ul	229922	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	98
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
4	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	90
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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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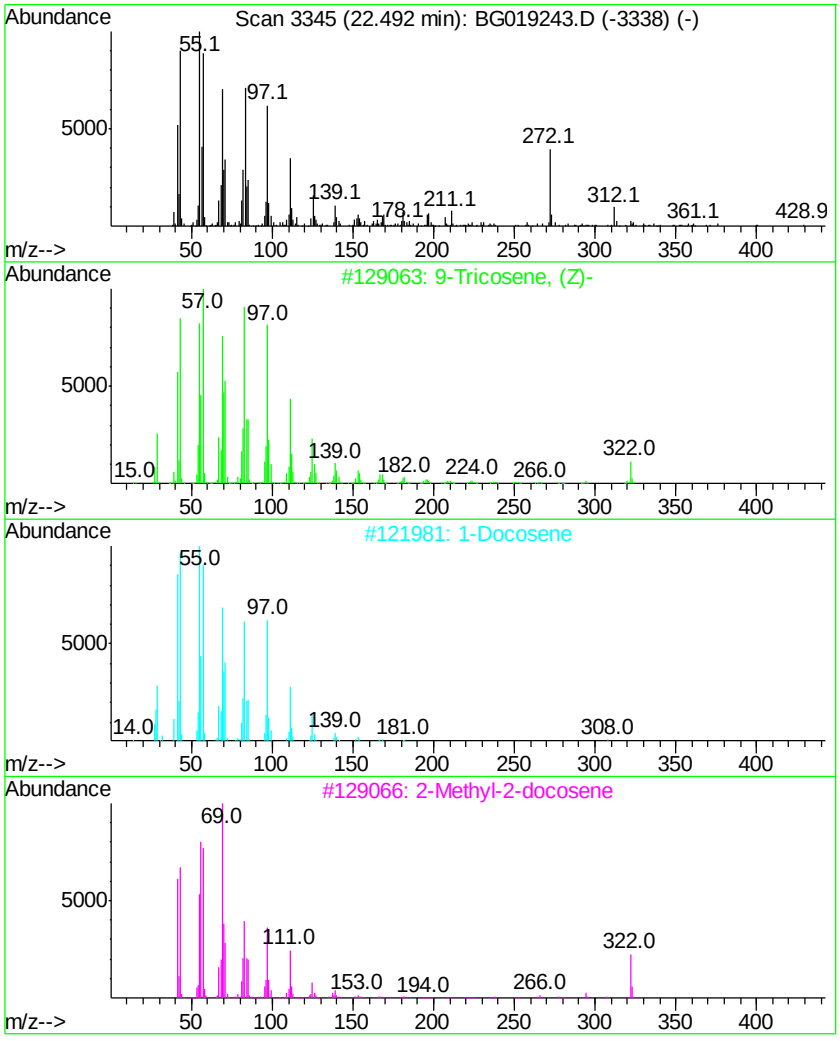
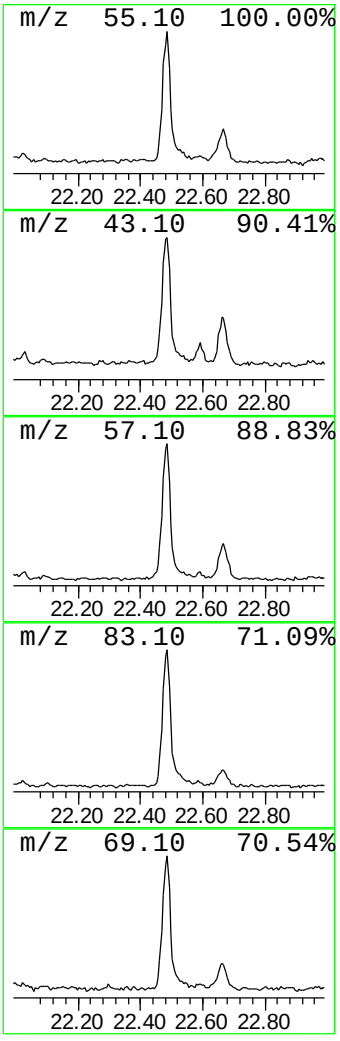
Peak Number 70 (DEL) Alkane: Cyclic22.49 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	20.17 ng/ul	609228	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
2	1-Docosene	308	C22H44	001599-67-3	93
3	2-Methyl-2-docosene	322	C23H46	1000131-16-9	83
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
5	Cyclotetracosane	336	C24H48	000297-03-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK1DL

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
Phenol, 3,5-dimet...	10.30	15.3	ng/ul	135654	2	10.82	177225	20.0
Phenol, 3,4-dimet...	10.69	25.8	ng/ul	228778	2	10.82	177225	20.0
Phenol, 2-ethyl-6...	11.18	17.2	ng/ul	152400	2	10.82	177225	20.0
Phenol, 2-ethyl-5...	11.36	33.3	ng/ul	294669	2	10.82	177225	20.0
Phenol, 2,3,6-tri...	11.40	10.2	ng/ul	90167	2	10.82	177225	20.0
1,3-Cyclohexadien...	11.43	7.2	ng/ul	63327	2	10.82	177225	20.0
Phenol, 3-ethyl-5...	11.66	25.1	ng/ul	222899	2	10.82	177225	20.0
Hydrazine, 1-ethy...	11.70	7.5	ng/ul	66291	2	10.82	177225	20.0
Phenol, 2,3,5-tri...	11.85	30.6	ng/ul	271238	2	10.82	177225	20.0
Phenol, 2,4,6-tri...	11.90	20.7	ng/ul	183258	2	10.82	177225	20.0
Phenol, 4-(1-meth...	11.95	11.1	ng/ul	98146	2	10.82	177225	20.0
Ethanone, 1-(2,4-...	11.98	9.7	ng/ul	86169	2	10.82	177225	20.0
1H-Inden-1-one, 2...	12.20	24.8	ng/ul	219553	2	10.82	177225	20.0
unknown-01	12.52	34.7	ng/ul	307298	2	10.82	177225	20.0
Benzaldehyde, 3,4...	12.58	12.9	ng/ul	114611	2	10.82	177225	20.0
Phenol, 4-(1-meth...	12.62	13.5	ng/ul	119551	2	10.82	177225	20.0
Benzene, 1-methox...	12.85	17.7	ng/ul	322591	3	14.64	365264	20.0
unknown-02	12.99	3.5	ng/ul	63584	3	14.64	365264	20.0
Phenol, 3,5-diethyl-	13.07	5.3	ng/ul	97691	3	14.64	365264	20.0
Phenol, 2-methoxy...	13.13	10.1	ng/ul	184218	3	14.64	365264	20.0
unknown-03	13.23	8.3	ng/ul	151774	3	14.64	365264	20.0
unknown-04	13.35	8.1	ng/ul	147253	3	14.64	365264	20.0
2-Methyl-5-hydrox...	13.54	9.2	ng/ul	167954	3	14.64	365264	20.0
Benzene, 1-etheny...	13.61	5.9	ng/ul	107770	3	14.64	365264	20.0
unknown-05	13.71	4.2	ng/ul	76996	3	14.64	365264	20.0
2-Isopropenyl-3,6...	13.79	33.5	ng/ul	612055	3	14.64	365264	20.0
2-Allyl-4-methylp...	13.91	5.9	ng/ul	108066	3	14.64	365264	20.0
6-Methyl-4-indanol	14.14	14.7	ng/ul	268250	3	14.64	365264	20.0
unknown-06	14.20	7.2	ng/ul	132046	3	14.64	365264	20.0
(DEL) Alkane: Str...	17.88	3.4	ng/ul	90671	4	17.39	530582	20.0
(DEL) Alkane: Str...	18.56	13.6	ng/ul	360604	4	17.39	530582	20.0
(DEL) Alkane: Str...	19.20	10.6	ng/ul	280733	4	17.39	530582	20.0
(DEL) Alkane: Cyc...	20.78	16.5	ng/ul	498166	5	21.66	604018	20.0
(DEL) Alkane: Cyc...	21.30	7.6	ng/ul	229922	5	21.66	604018	20.0
(DEL) Alkane: Cyc...	22.49	20.2	ng/ul	609228	5	21.66	604018	20.0