LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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	8.004	868	879	886	rBV	65546	116307	2.73%	0.396%
2	10.019	1219	1222	1230	rVV2	33660	67495	1.58%	0.230%
3	10.296	1260	1269	1277	rVB	46909	84640	1.99%	0.288%
4	10.454	1285	1296	1301	rBV	80563	150928	3.54%	0.514%
5	10.689	1331	1336	1345	rVB	64088	111962	2.63%	0.381%
6	10.813	1351	1357	1362	rBV	98921	171056	4.01%	0.583%
7	10.960	1376	1382	1391	rBV2	38447	68695	1.61%	0.234%
8	11.177	1410	1419	1425	rBV3	47129	111396	2.61%	0.379%
9	11.359	1441	1450	1454	rVV	107896	214758	5.04%	0.731%
10	11.400	1454	1457	1460	rVV2	41196	64402	1.51%	0.219%
11	11.653	1492	1500	1504	rBV2	76506	141440	3.32%	0.482%
12	11.694	1504	1507	1512	rVV3	39798	63252	1.48%	0.215%
13	11.841	1521	1532	1537	rBV	110089	220115	5.17%	0.750%
14	11.894	1537	1541	1545	rVV	78041	125100	2.94%	0.426%
15	11.941	1545	1549	1552	rVV	54021	86221	2.02%	0.294%
16	11.982	1552	1556	1565	rVB3	65545	129368	3.04%	0.441%
17	12.193	1584	1592	1599	rBV2	63547	145751	3.42%	0.496%
18	12.328	1608	1615	1621	rBV4	53594	150221	3.53%	0.512%
19	12.517	1641	1647	1653	rVV4	94500	196719	4.62%	0.670%
20	12.687	1672	1676	1681	rVB2	96365	148518	3.49%	0.506%
21	12.793	1687	1694	1698	rBV4	29873	64795	1.52%	0.221%
22	12.846	1698	1703	1712	rBV5	90506	260927	6.12%	0.889%
23	13.028	1731	1734	1737	rVV	45465	71616	1.68%	0.244%
24	13.069	1737	1741	1744	rVV3	72880	139553	3.27%	0.475%
25	13.133	1748	1752	1762	rVB	161874	330634	7.76%	1.126%
26	13.227	1762	1768	1779	rVB8	39162	135121	3.17%	0.460%
27	13.351	1781	1789	1791	rBV6	48550	111401	2.61%	0.379%
28	13.439	1799	1804	1812	rBV3	191454	323369	7.59%	1.101%
29	13.533	1814	1820	1827	rVB5	47942	124504	2.92%	0.424%
30	13.609	1828	1833	1841	rVB4	50719	122978	2.89%	0.419%
31	13.709	1845	1850	1854	rVB5	32709	61332	1.44%	0.209%
32	13.786	1855	1863	1866	rBV3	193595	439137	10.30%	1.495%
33	13.909	1881	1884	1888	rBV3	56024	75228	1.77%	0.256%
34	13.997	1889	1899	1909	rVB4	324484	772899	18.14%	2.632%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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	14.138	1916	1923	1928	rBV5	106358	222315	5.22%	0.757%
36	14.191	1928	1932	1936	rBV3	60510	95063	2.23%	0.324%
37	14.250	1937	1942	1950	rBV5	101133	221465	5.20%	0.754%
38	14.320	1950	1954	1957	rBV4	40354	72002	1.69%	0.245%
39	14.467	1973	1979	1982	rBV5	80408	169652	3.98%	0.578%
40	14.508	1982	1986	1992	rVV4	75064	191534	4.49%	0.652%
41	14.638	2004	2008	2012	rBV2	198469	316696	7.43%	1.078%
42	14.679	2012	2015	2019	rVV3	126182	180421	4.23%	0.614%
43	14.726	2021	2023	2028	rVB2	83596	114164	2.68%	0.389%
44	14.808	2029	2037	2043	rBV	2038826	3265020	76.62%	11.119%
45	14.961	2058	2063	2066	rBV4	108622	186807	4.38%	0.636%
46	15.037	2072	2076	2085	rVB3	184840	338887	7.95%	1.154%
47	15.113	2085	2089	2094	rVB3	95013	133566	3.13%	0.455%
48	15.172	2095	2099	2102	rBV	156570	223940	5.25%	0.763%
49	15.407	2135	2139	2140	rBV4	78654	98965	2.32%	0.337%
50	15.525	2156	2159	2164	rVB3	158559	245405	5.76%	0.836%
51	15.601	2164	2172	2176	rBV	2810901	4261580	100.00%	14.512%
52	15.683	2182	2186	2194	rVB5	135044	273254	6.41%	0.931%
53	15.860	2213	2216	2219	rBV2	69732	81821	1.92%	0.279%
54	15.895	2219	2222	2226	rBV2	121538	145036	3.40%	0.494%
55	15.960	2229	2233	2234	rBV3	88930	116692	2.74%	0.397%
56	16.024	2240	2244	2250	rVB5	152597	267637	6.28%	0.911%
57	16.089	2250	2255	2259	rBV4	149011	279241	6.55%	0.951%
58	16.242	2278	2281	2284	rBV3	70116	92472	2.17%	0.315%
59	16.294	2286	2290	2294	rVV4	86747	143882	3.38%	0.490%
60	16.477	2317	2321	2323	rBV2	164912	244153	5.73%	0.831%
61	16.688	2351	2357	2363	rBV2	356105	611231	14.34%	2.081%
62	16.741	2363	2366	2372	rVB5	83261	134018	3.14%	0.456%
63	16.917	2394	2396	2400	rVB3	68397	75103	1.76%	0.256%
64	16.964	2401	2404	2408	rVV3	133739	155717	3.65%	0.530%
65	17.135	2429	2433	2436	rBV4	140111	186097	4.37%	0.634%
66	17.170	2436	2439	2442	rVB4	84192	97512	2.29%	0.332%
67	17.334	2463	2467	2468	rBV3	78518	106551	2.50%	0.363%
68	17.364	2468	2472	2474	rVV	312766	415902	9.76%	1.416%
69	17.393	2474	2477	2481	rVV2	375496	566505	13.29%	1.929%
70	17.434	2481	2484	2488	rVB	245294	325858	7.65%	1.110%
71	17.769	2538	2541	2546	rVB	194141	273027	6.41%	0.930%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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	17.875	2557	2559	2562	rBV3	60572	65730	1.54%	0.224%
73	18.286	2622	2629	2632	rBV4	362048	611618	14.35%	2.083%
74	18.404	2646	2649	2654	rBV6	66013	113024	2.65%	0.385%
75	18.462	2655	2659	2662	rBV4	109232	155368	3.65%	0.529%
76	18.527	2667	2670	2672	rVV	158154	205391	4.82%	0.699%
77	18.562	2673	2676	2682	rVV4	176661	307180	7.21%	1.046%
78	18.627	2683	2687	2696	rVB	285673	427915	10.04%	1.457%
79	19.162	2775	2778	2779	rBV3	95108	96930	2.27%	0.330%
80	19.191	2780	2783	2789	rVB3	242734	336798	7.90%	1.147%
81	19.737	2873	2876	2879	rBV2	149493	201498	4.73%	0.686%
82	19.767	2879	2881	2884	rVV2	182262	190563	4.47%	0.649%
83	19.802	2884	2887	2894	rVV3	177415	291742	6.85%	0.993%
84	19.873	2896	2899	2909	rVB6	221401	414632	9.73%	1.412%
85	20.695	3035	3039	3042	rVB	192900	230703	5.41%	0.786%
86	20.772	3050	3052	3063	rVB4	234121	432245	10.14%	1.472%
87	21.294	3138	3141	3145	rVB2	153298	198262	4.65%	0.675%
88	21.659	3198	3203	3214	rVB2	263675	590624	13.86%	2.011%
89	21.800	3223	3227	3235	rBV2	277274	615645	14.45%	2.096%
90	21.870	3236	3239	3249	rVB	217699	407856	9.57%	1.389%
91	22.475	3337	3342	3346	rBV2	283475	513560	12.05%	1.749%
92	22.522	3347	3350	3356	rVB	187047	288272	6.76%	0.982%
93	22.628	3365	3368	3369	rBV	81804	91508	2.15%	0.312%
94	22.658	3371	3373	3380	rVB3	214363	343896	8.07%	1.171%
95	23.086	3443	3446	3452	rVB3	133654	226999	5.33%	0.773%
96	23.227	3466	3470	3473	rBV2	117842	217741	5.11%	0.741%
97	23.269	3473	3477	3483	rVB	255642	486220	11.41%	1.656%
98	23.821	3568	3571	3578	rVB2	110476	198600	4.66%	0.676%
99	24.291	3647	3651	3661	rVB	105154	228733	5.37%	0.779%
100	24.873	3745	3750	3760	rVB3	137513	345310	8.10%	1.176%

Sum of corrected areas: 29365592

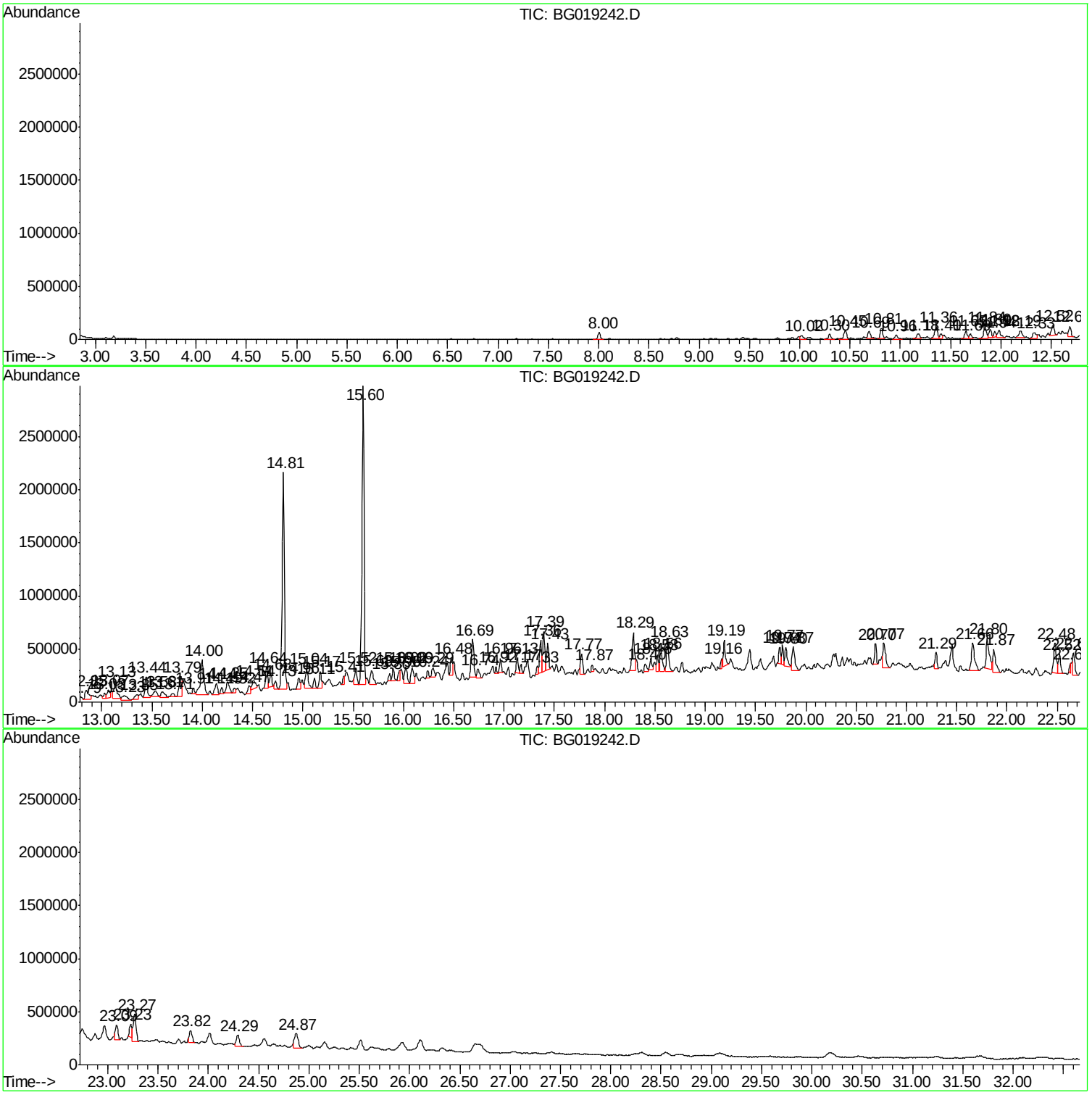
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

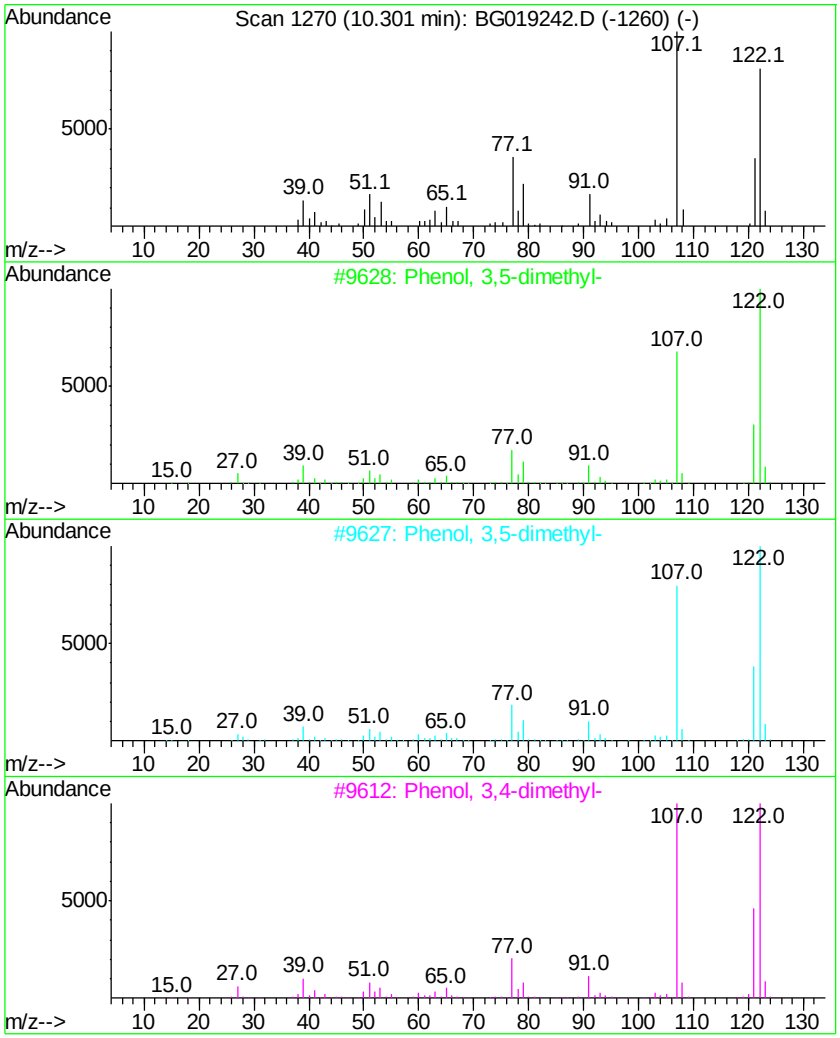
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

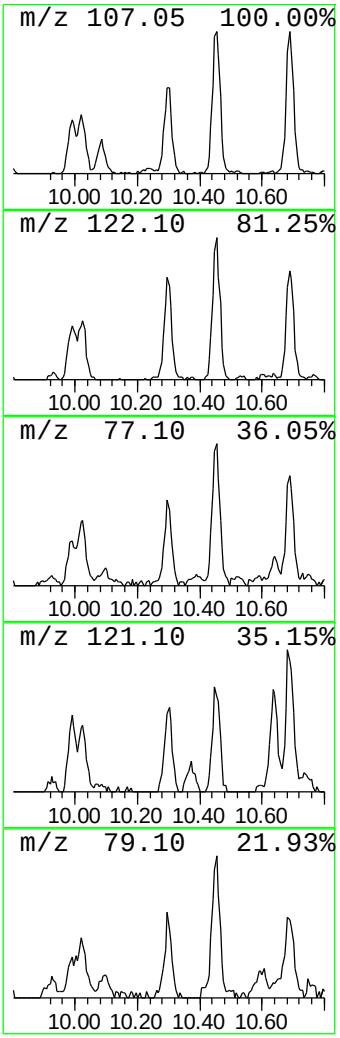
****

Peak Number 1 Phenol, 3,5-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	9.90 ng/ul	84640	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	97
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

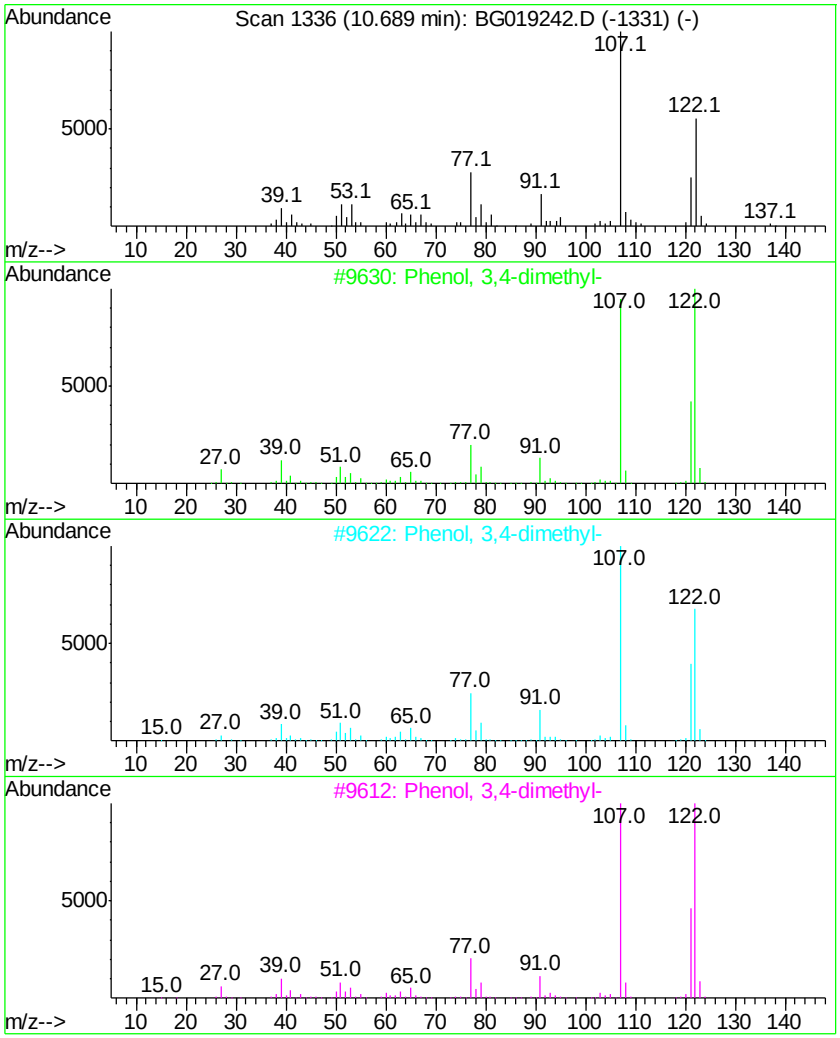
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

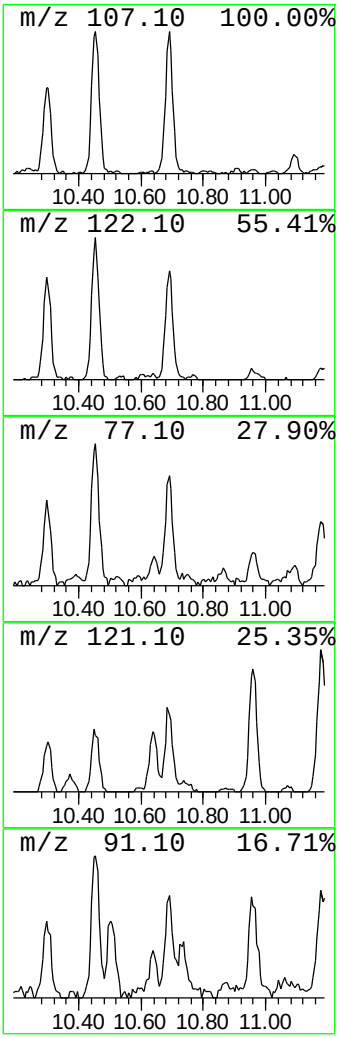
****

Peak Number 2 Phenol, 3,4-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	13.09 ng/ul	111962	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

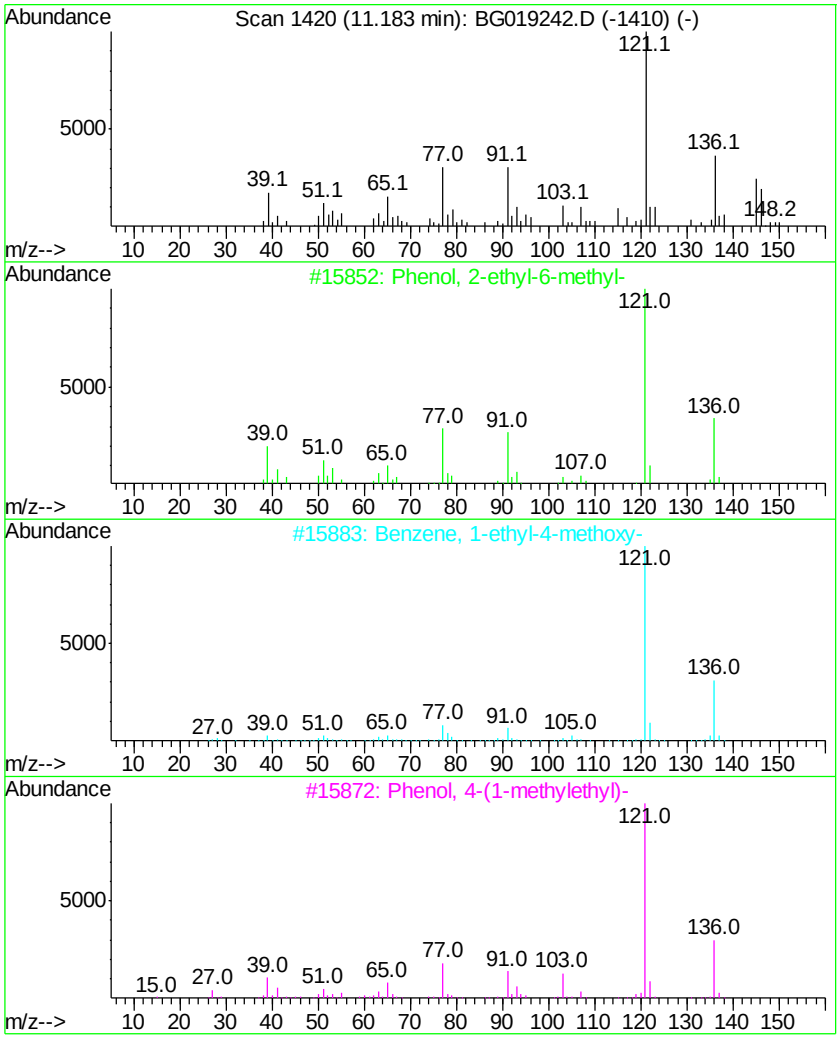
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

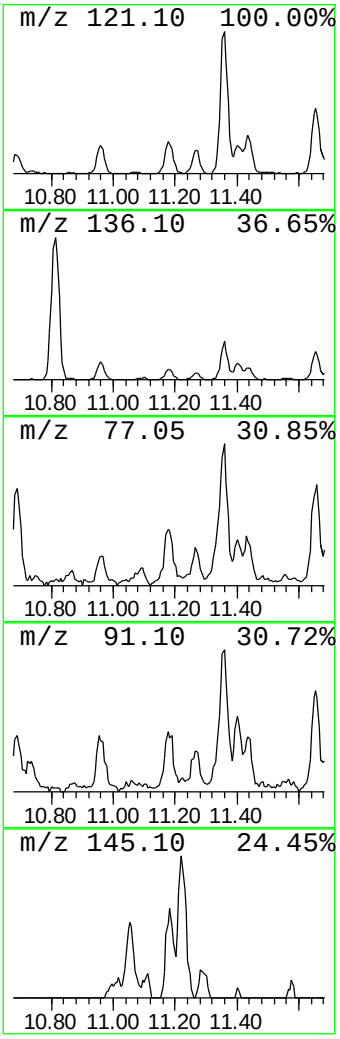
****

Peak Number 3 Phenol, 2-ethyl-6-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	13.02 ng/ul	111396	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	89
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	70
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	68
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	68
5	Phenol, 2-(1-methylethyl)-, meth...	193	C11H15NO2	002631-40-5	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

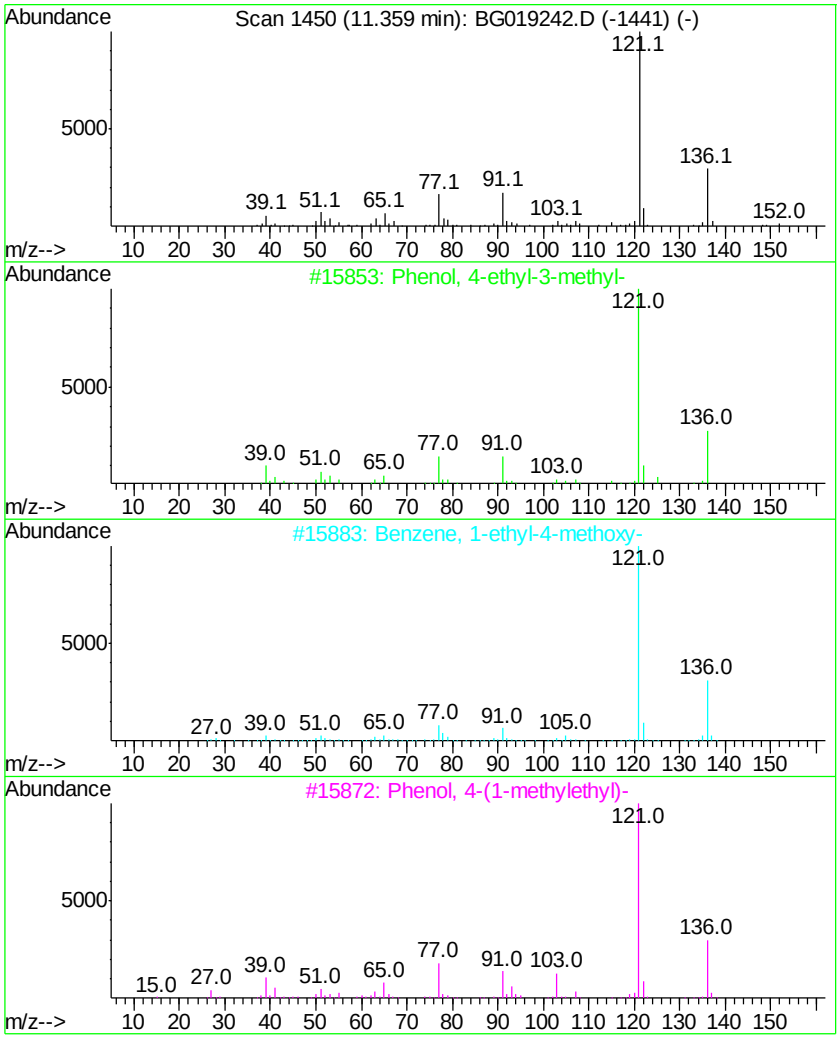
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

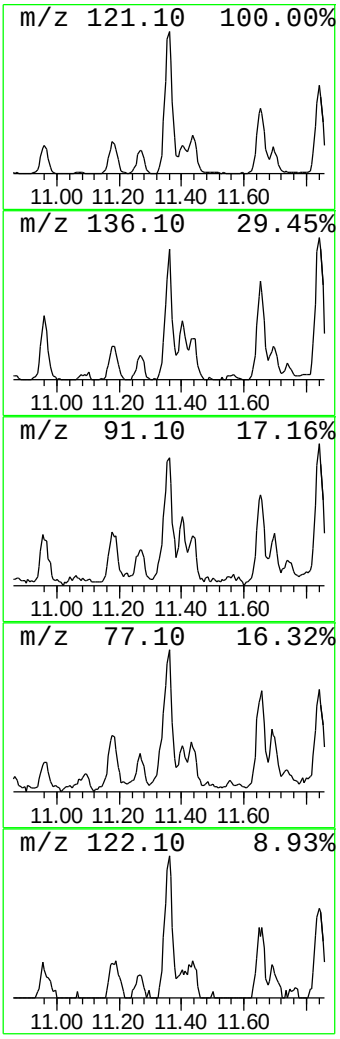
****

Peak Number 4 Phenol, 4-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	25.11 ng/ul	214758	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	90
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

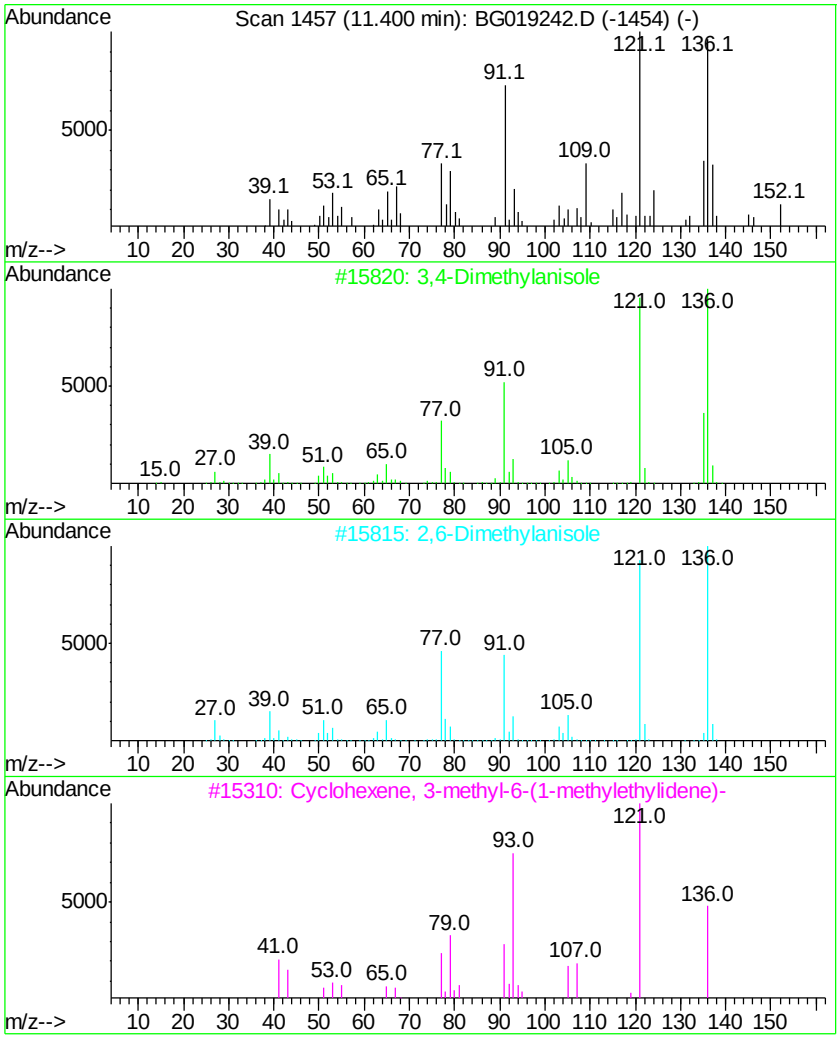
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

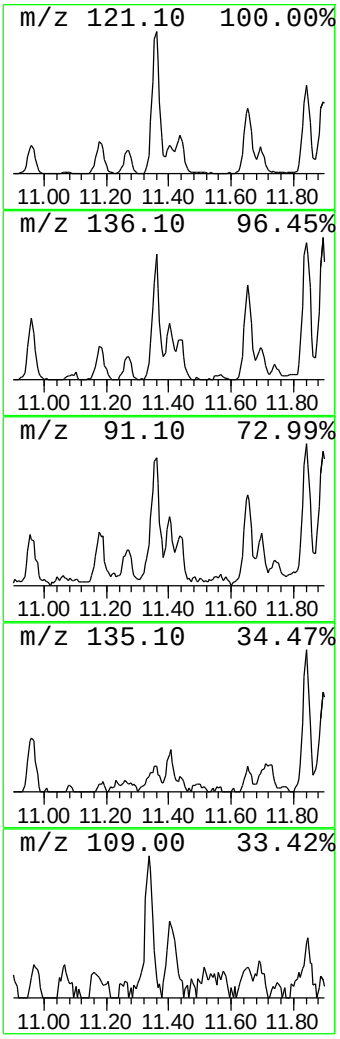
****

Peak Number 5 3,4-Dimethylanisole Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	7.53 ng/ul	64402	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylanisole	136	C9H12O	004685-47-6	62
2	2,6-Dimethylanisole	136	C9H12O	001004-66-6	60
3	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	60
4	2,3-Dimethylanisole	136	C9H12O	002944-49-2	58
5	3,4-Dimethylanisole	136	C9H12O	004685-47-6	58





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Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

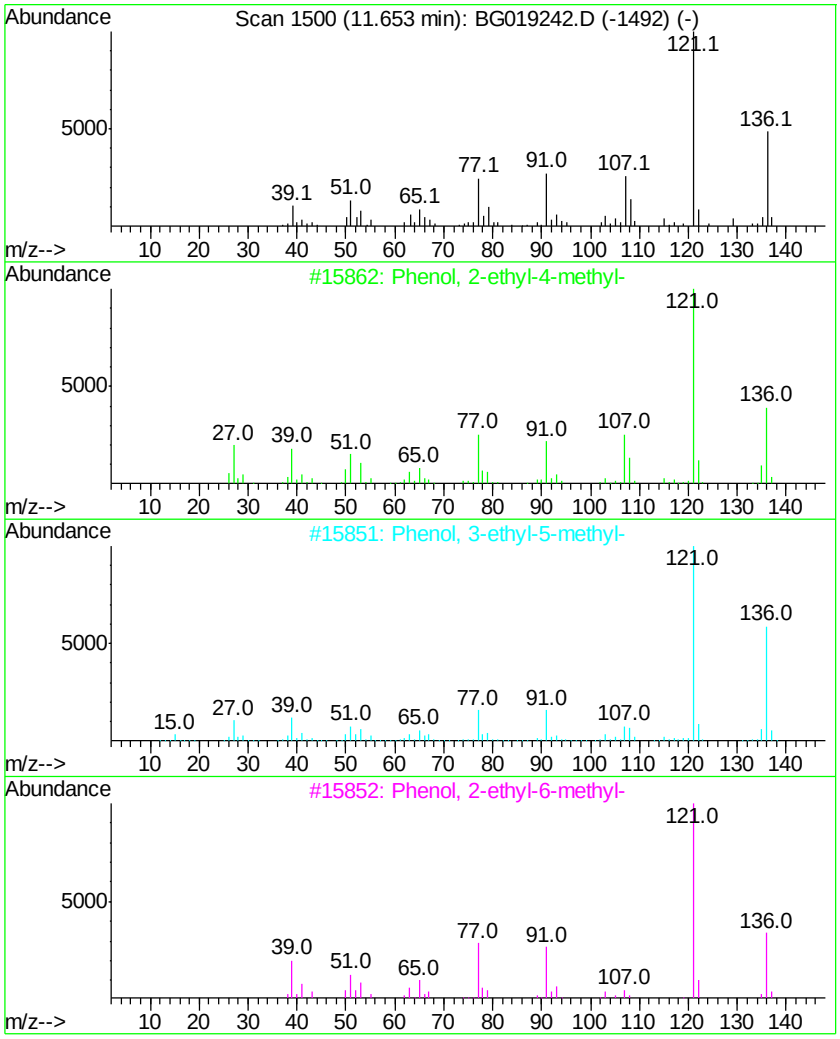
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

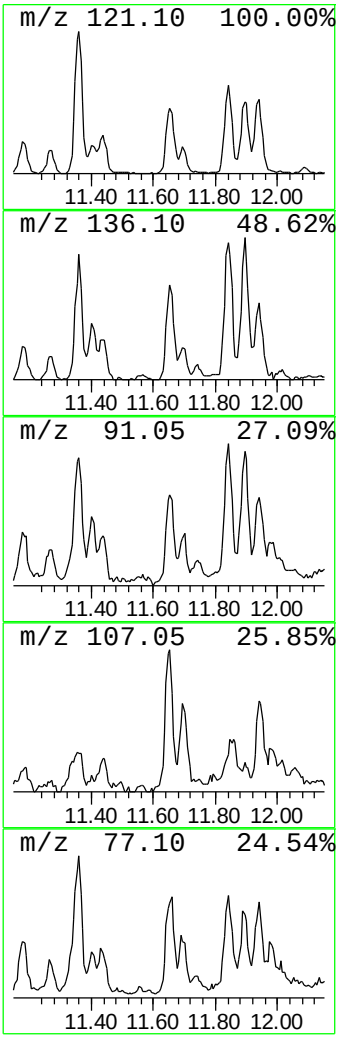
****

Peak Number 6 Phenol, 2-ethyl-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	16.54 ng/ul	141440	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	83
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	81





Library Search Compound Report

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Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

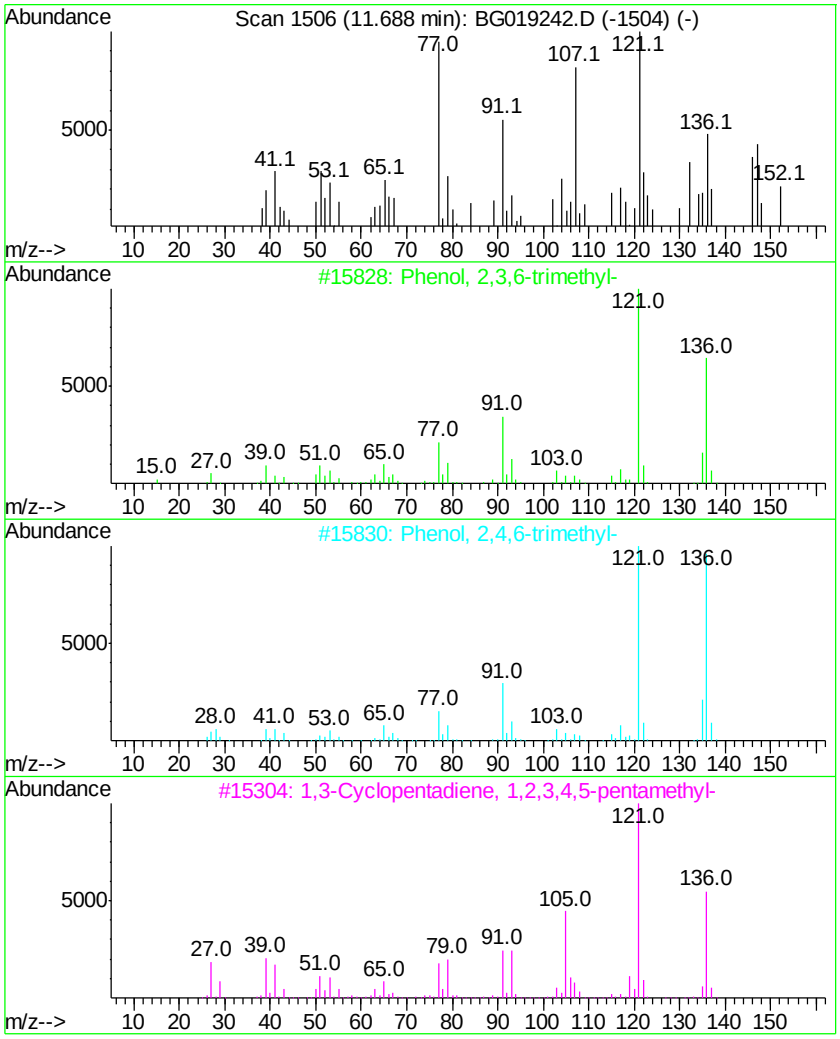
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

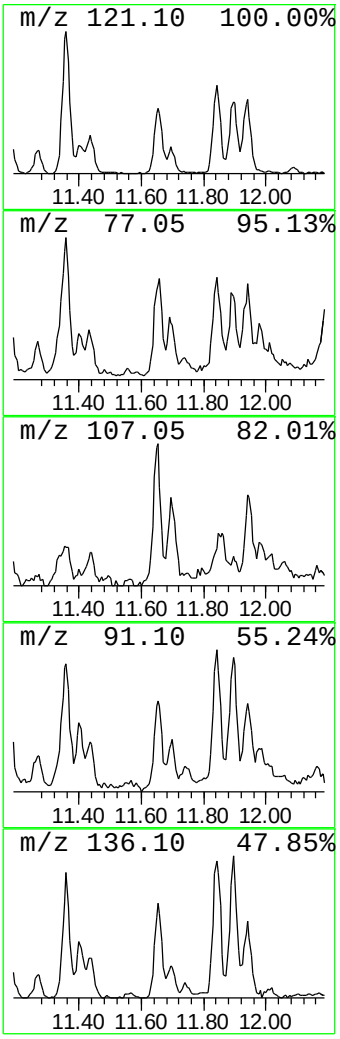
****

Peak Number 7 Phenol, 2,3,6-trimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	7.40 ng/ul	63252	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	86
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	45
3	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	38
4	2,4,6-Octatriene, 3,4-dimethyl-	136	C10H16	057396-75-5	38
5	2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	30





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Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

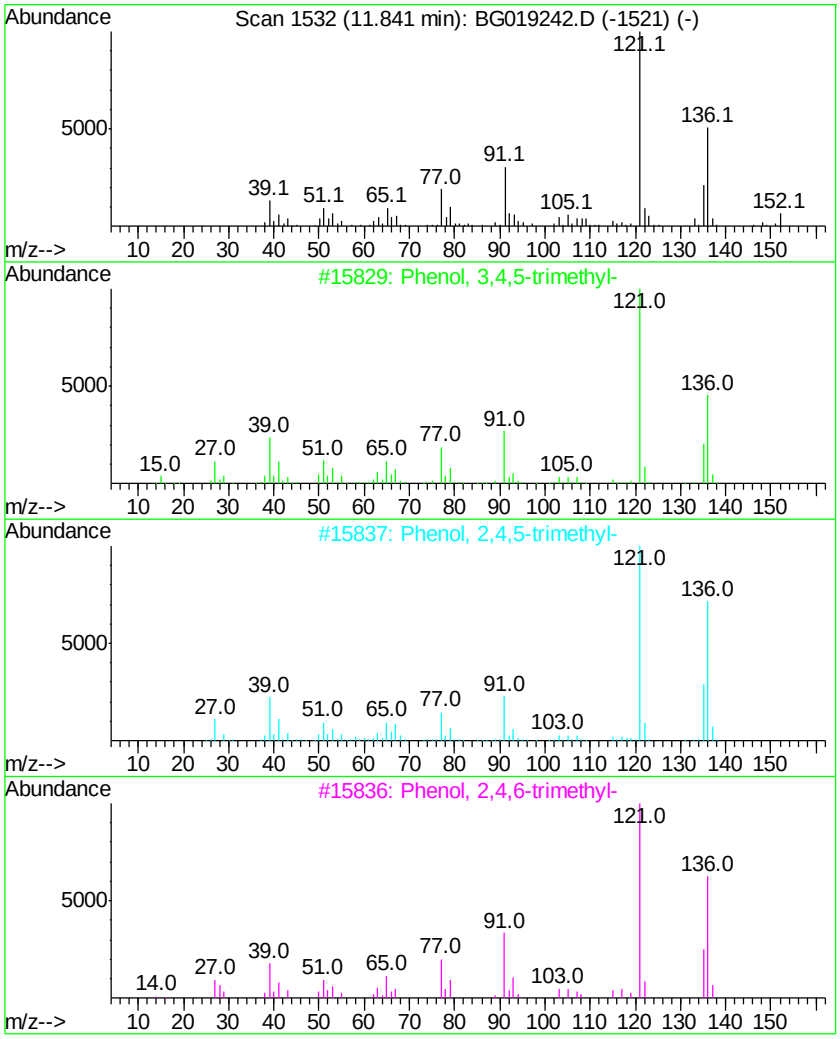
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

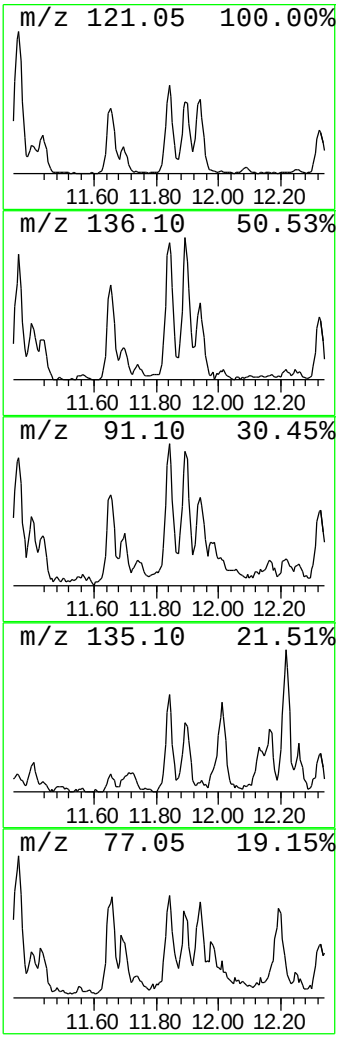
****

Peak Number 8 Phenol, 3,4,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	25.74 ng/ul	220115	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	94
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	93
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	87





Library Search Compound Report

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Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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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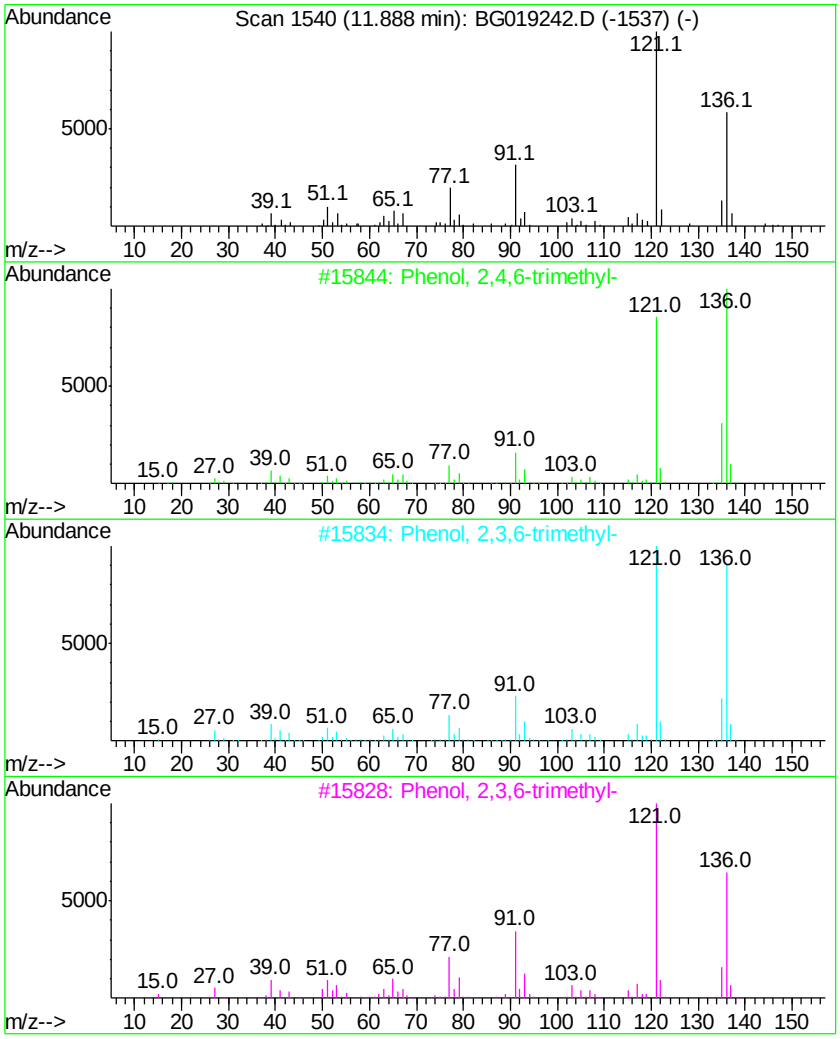
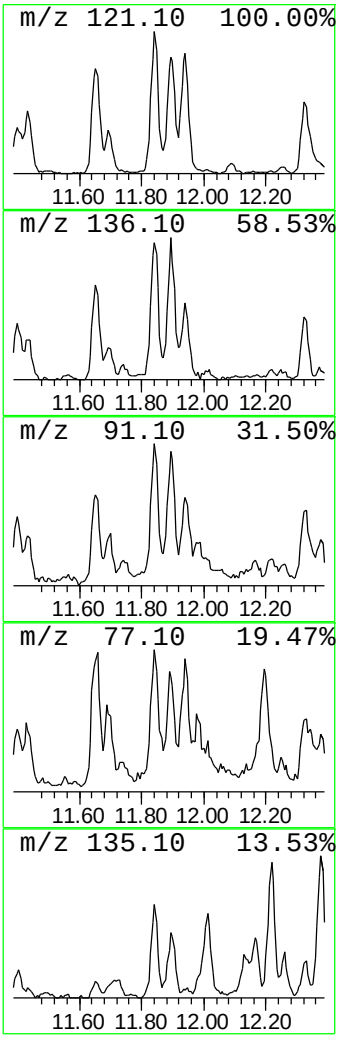
Peak Number 9 Phenol, 2,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	14.63 ng/ul	125100	Naphthalene-d8	10.81

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





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Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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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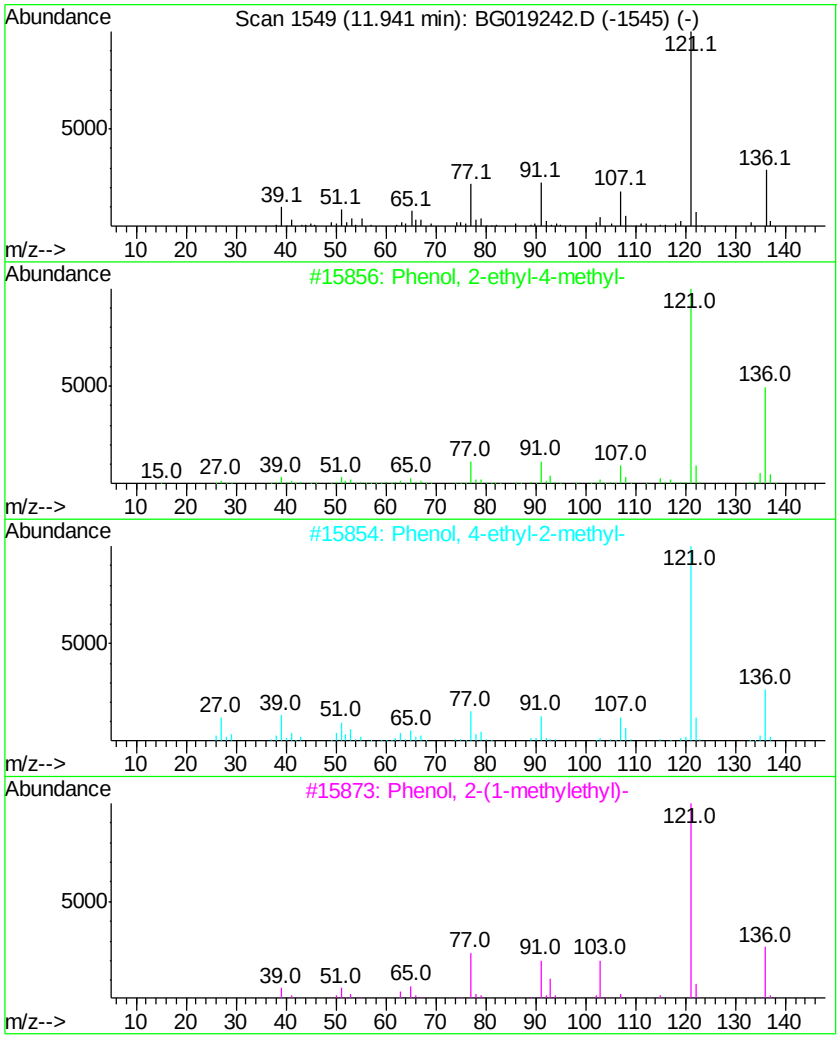
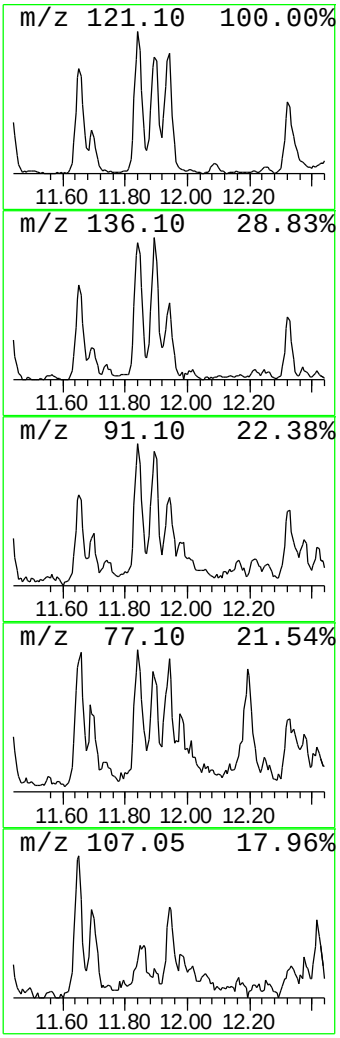
Peak Number 10 Phenol, 4-ethyl-2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	10.08 ng/ul	86221	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	91
2	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	86
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	83
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	72
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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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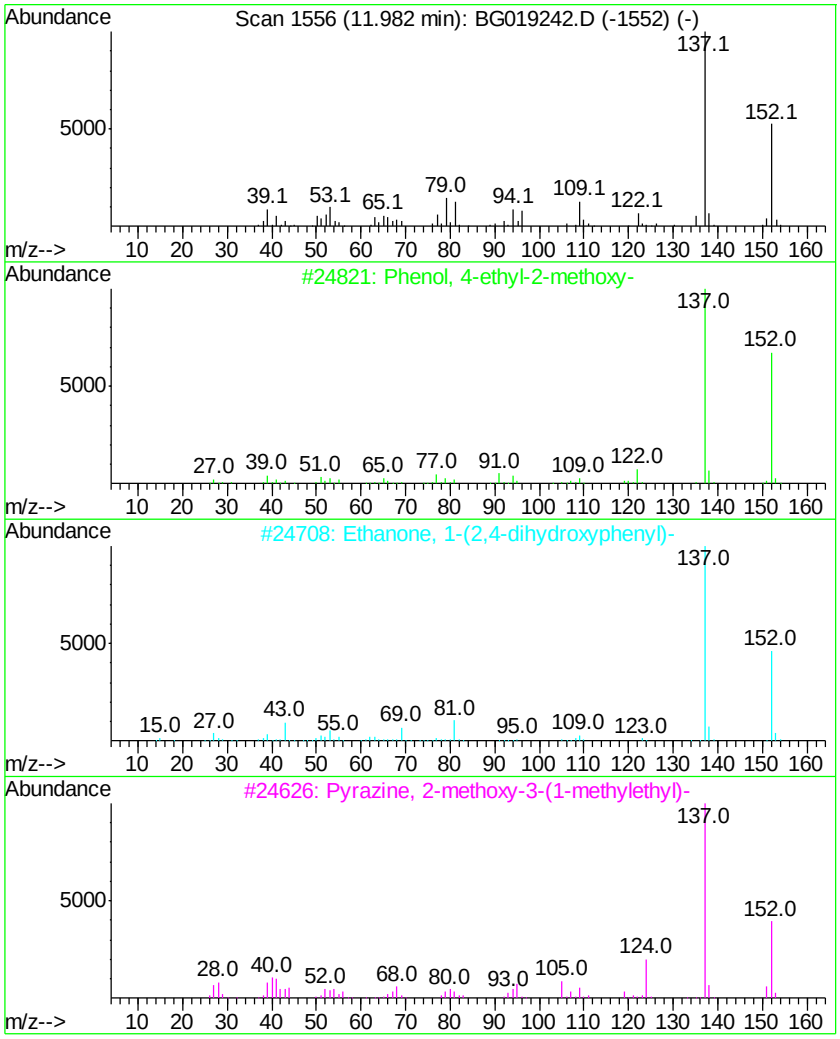
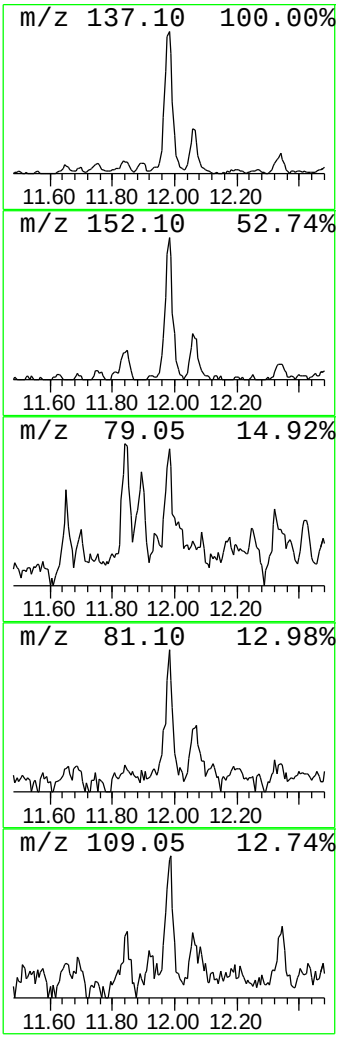
Peak Number 11 Phenol, 4-ethyl-2-methoxy- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	15.13 ng/ul	129368	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	72
2	Ethanone, 1-(2,4-dihydroxyphenyl)-	152	C8H8O3	000089-84-9	64
3	Pyrazine, 2-methoxy-3-(1-methyle...	152	C8H12N2O	025773-40-4	64
4	2',6'-Dihydroxyacetophenone	152	C8H8O3	000699-83-2	59
5	3,4-Dihydroxyacetophenone	152	C8H8O3	001197-09-7	50





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Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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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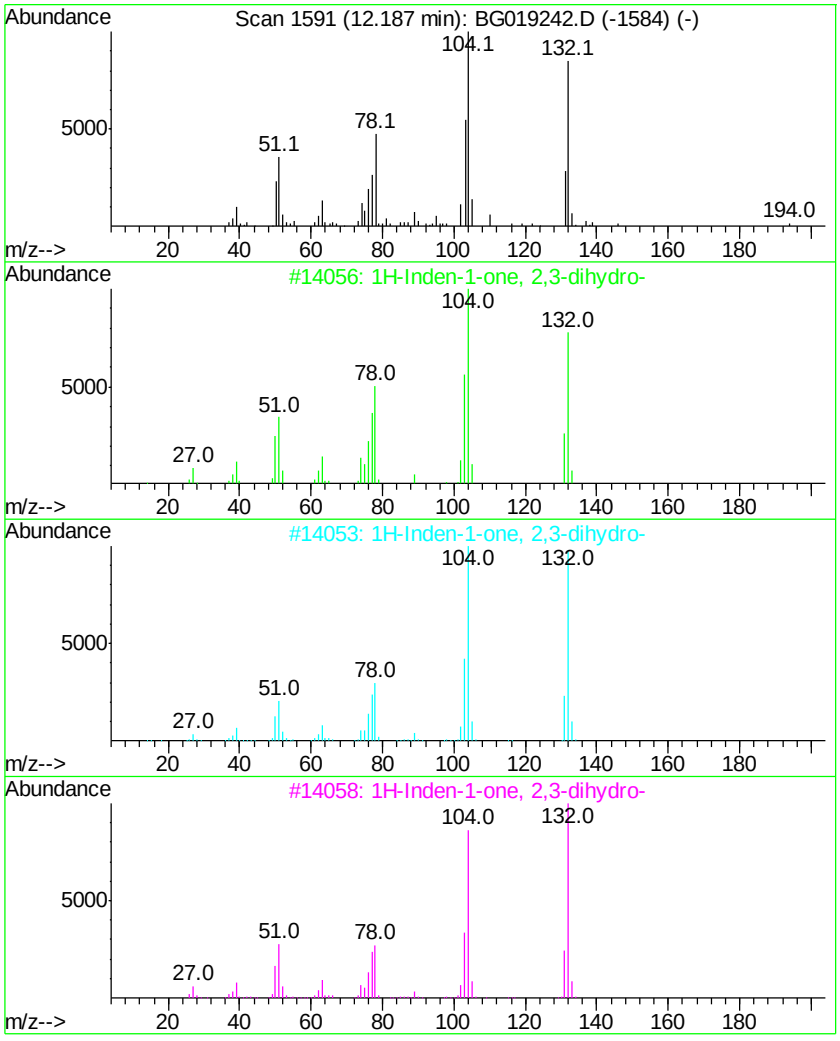
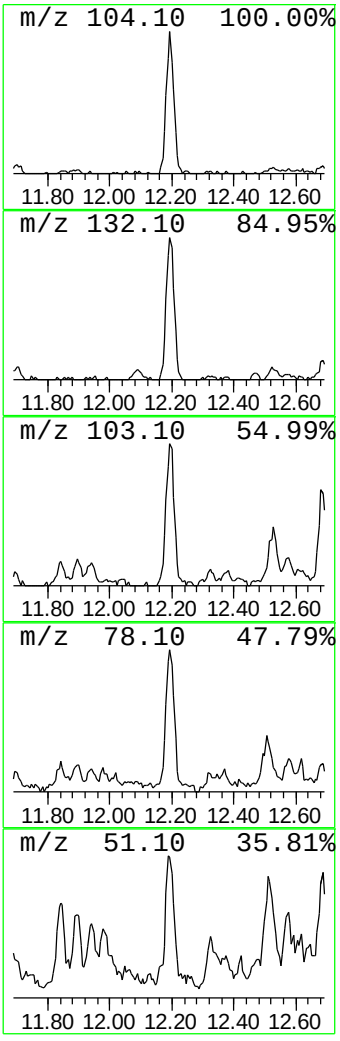
Peak Number 12 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	17.04 ng/ul	145751	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
4	Styrene	104	C8H8	000100-42-5	92
5	Styrene	104	C8H8	000100-42-5	92





Library Search Compound Report

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Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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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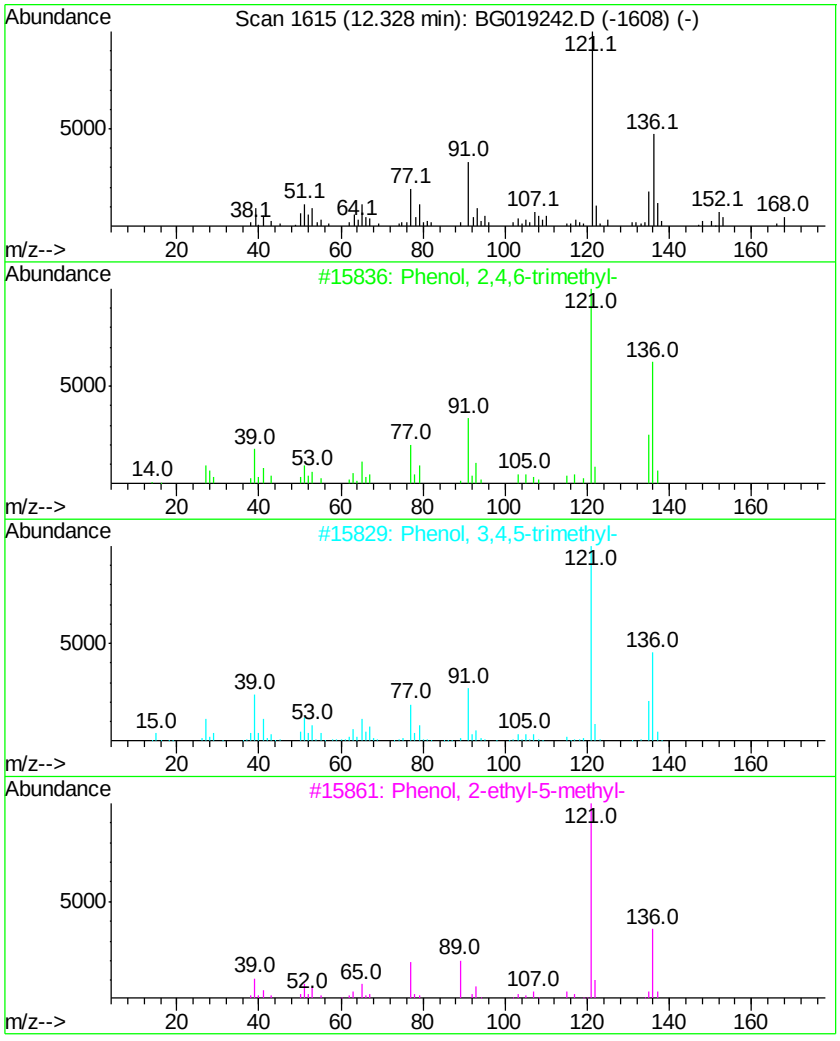
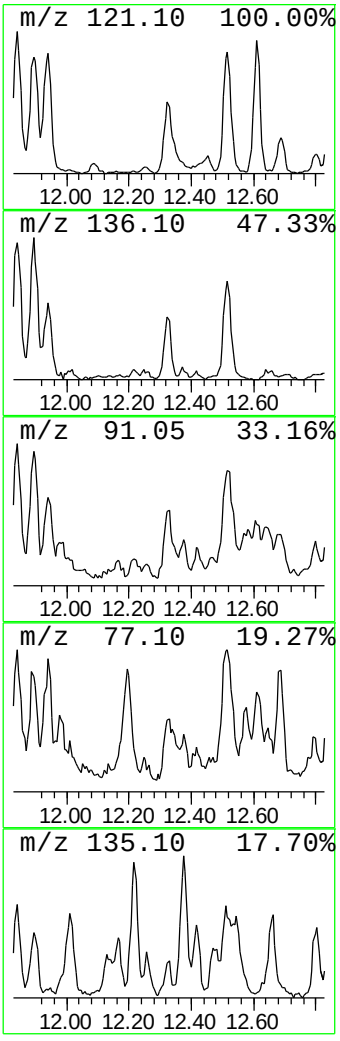
Peak Number 13 Phenol, 2-ethyl-5-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	17.56 ng/ul	150221	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	93
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	83





Library Search Compound Report

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Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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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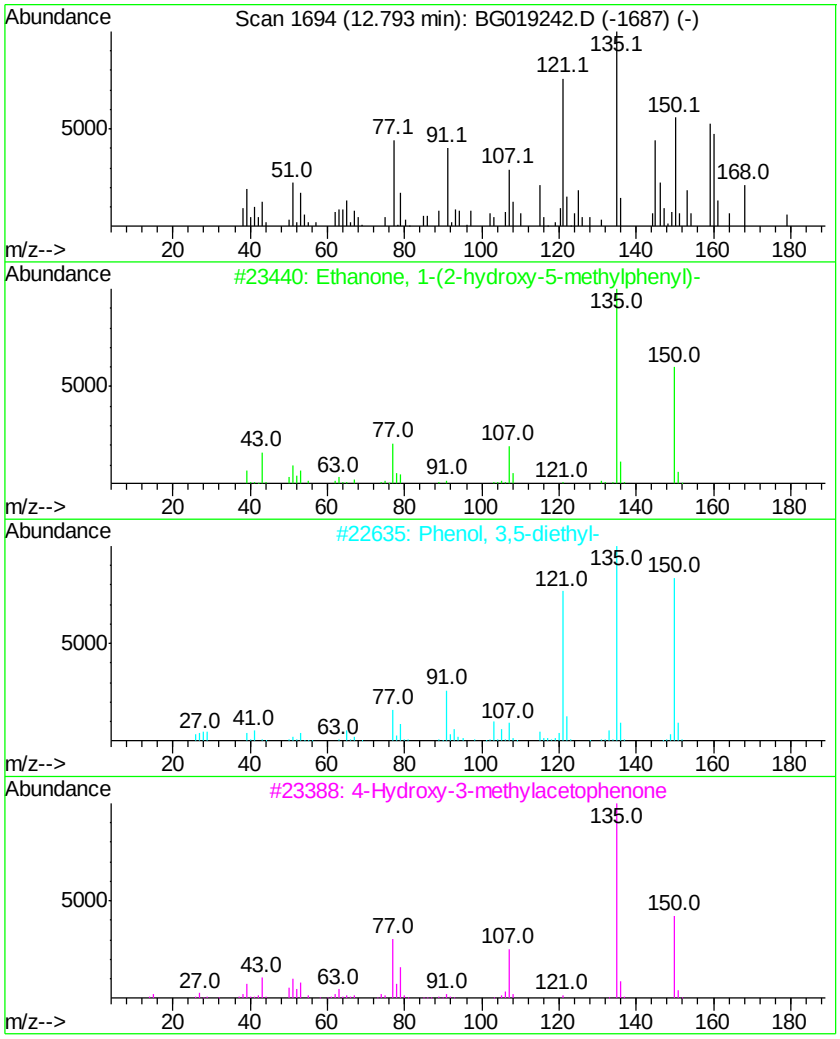
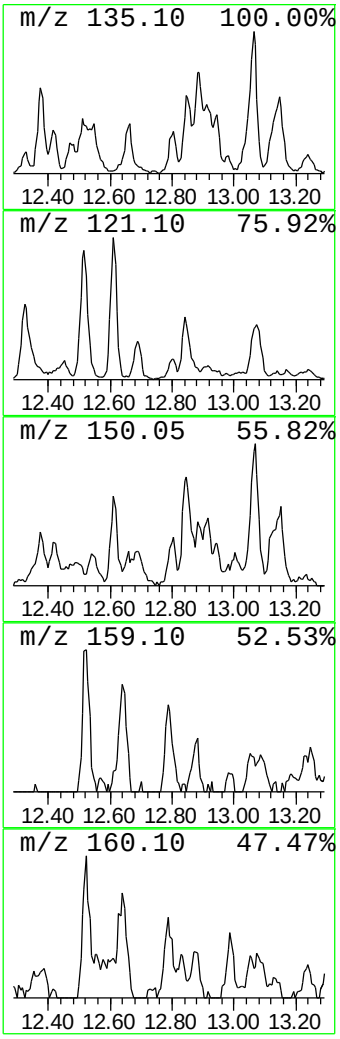
Peak Number 14 Ethanone, 1-(2-hydroxy-5-me... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	4.09 ng/ul	64795	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	55
2	Phenol, 3,5-diethyl-	150	C10H14O	001197-34-8	49
3	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	42
4	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	42
5	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	42





Library Search Compound Report

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Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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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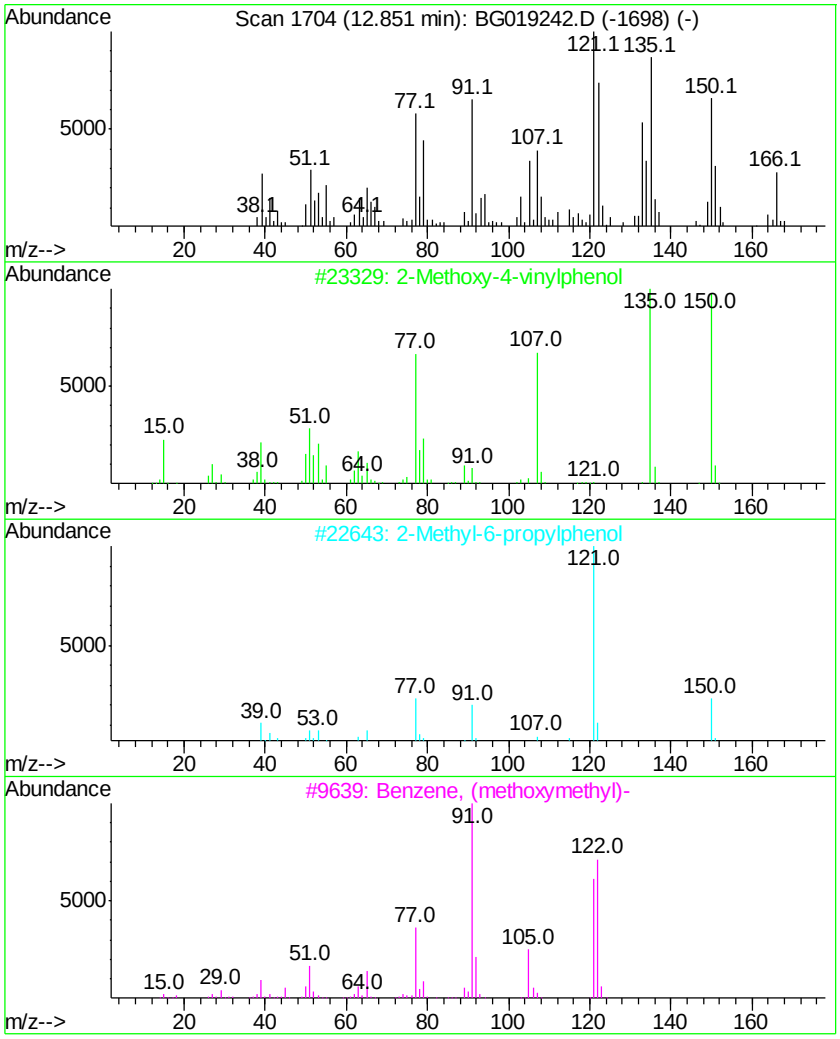
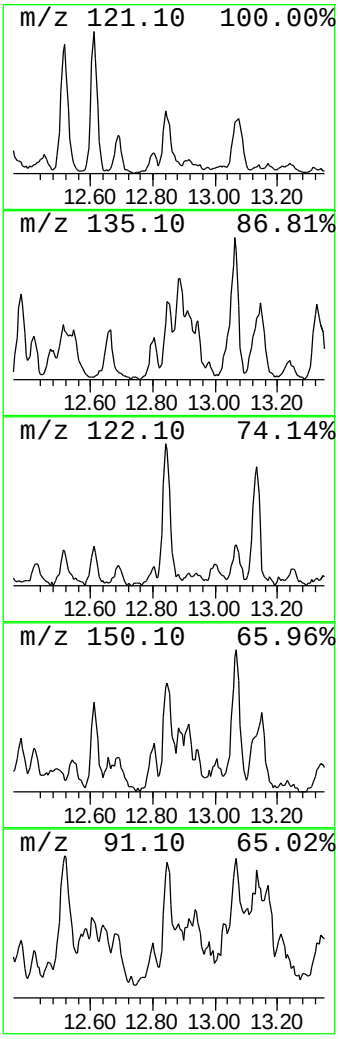
Peak Number 15 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	16.48 ng/ul	260927	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-4-vinylphenol	150	C9H10O2	007786-61-0	46
2	2-Methyl-6-propylphenol	150	C10H14O	003520-52-3	42
3	Benzene, (methoxymethyl)-	122	C8H10O	000538-86-3	38
4	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	38
5	1,3-Benzenediamine, 4-methyl-	122	C7H10N2	000095-80-7	38





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Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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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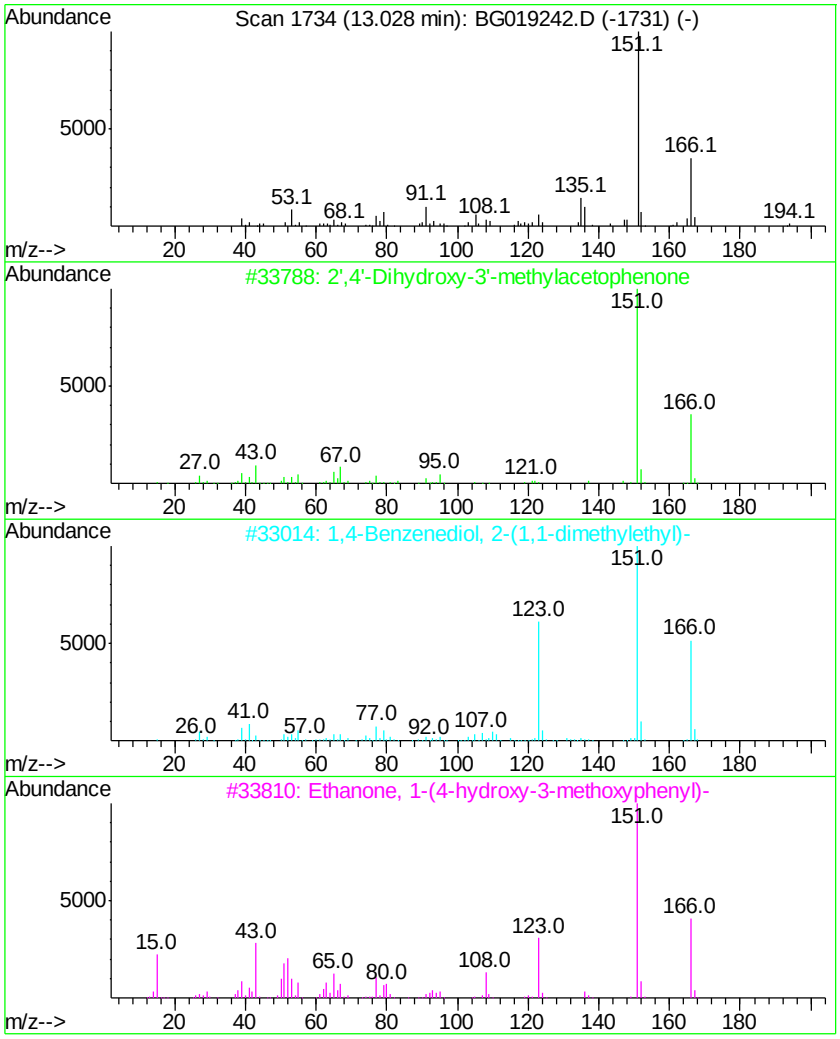
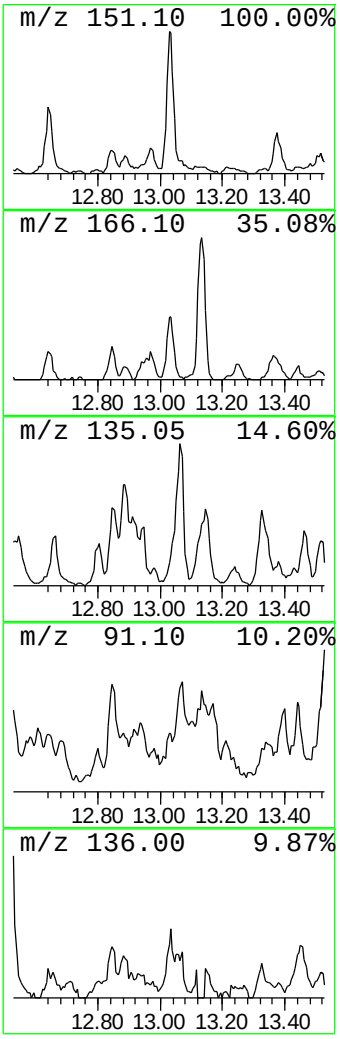
Peak Number 16 2',4'-Dihydroxy-3'-methylac... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	4.52 ng/ul	71616	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2',4'-Dihydroxy-3'-methylacetoph...	166	C9H10O3	010139-84-1	59
2	1,4-Benzenediol, 2-(1,1-dimethyl...	166	C10H14O2	001948-33-0	59
3	Ethanone, 1-(4-hydroxy-3-methoxy...	166	C9H10O3	000498-02-2	59
4	Silane, trimethylphenoxy-	166	C9H14OSi	001529-17-5	45
5	Silane, trimethylphenoxy-	166	C9H14OSi	001529-17-5	45





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Acq On : 19 Oct 2015 15:32
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Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

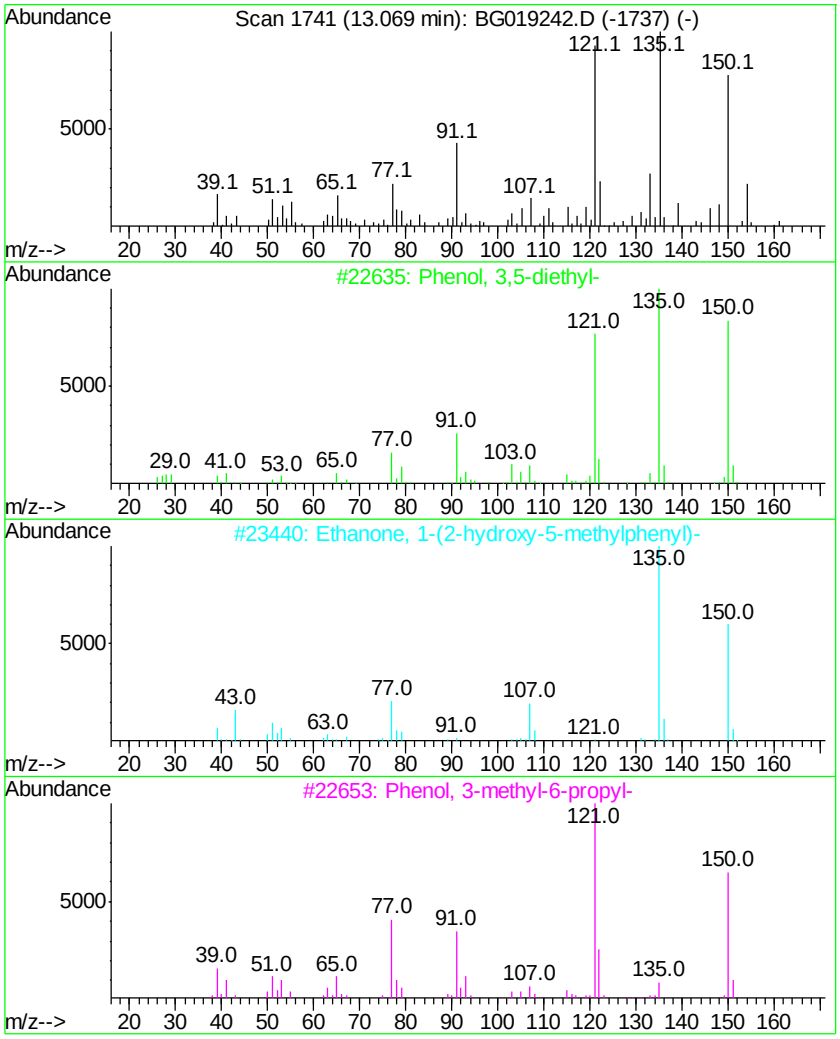
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

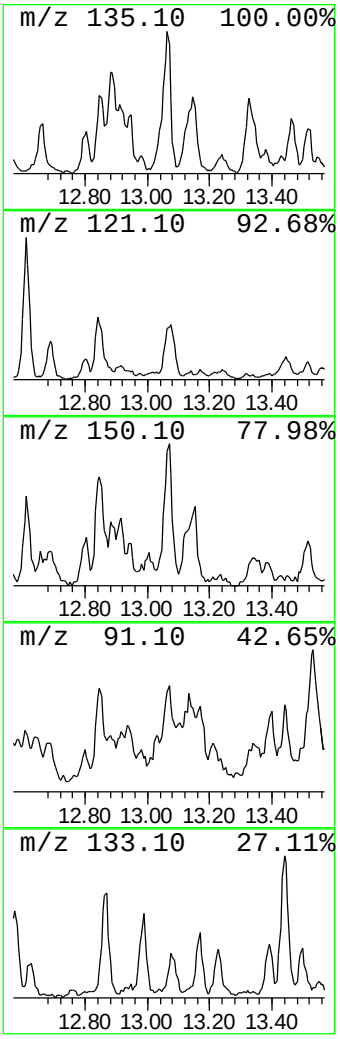
****

Peak Number 17 Phenol, 3,5-diethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	8.81 ng/ul	139553	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-diethyl-	150	C10H14O	001197-34-8	59
2	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	46
3	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	43
4	2-Ethyl-4-methylanisole	150	C10H14O	079744-78-8	43
5	Benzaldehyde, 2-ethoxy-	150	C9H10O2	000613-69-4	43





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Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

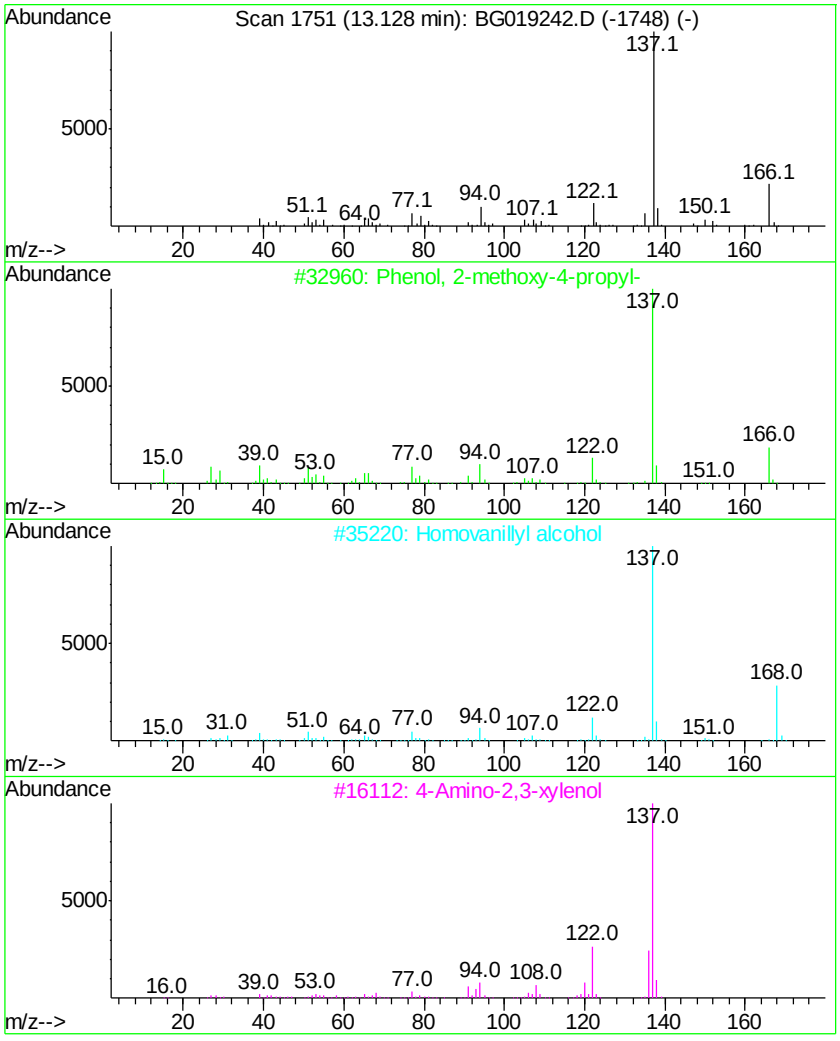
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

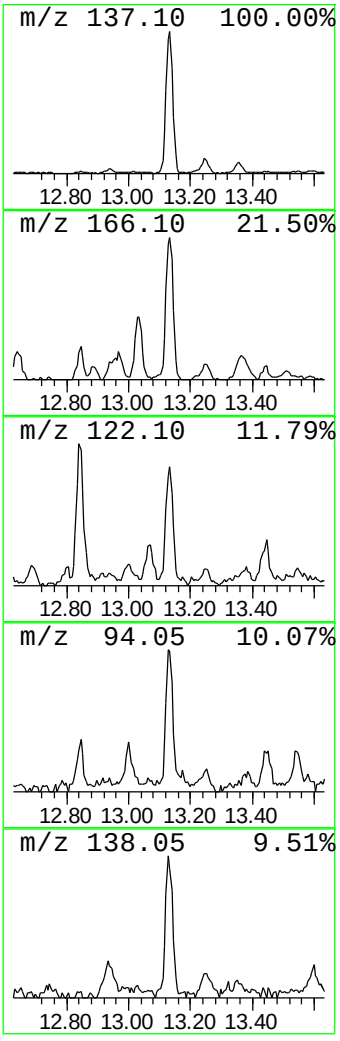
****

Peak Number 18 Phenol, 2-methoxy-4-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	20.88 ng/ul	330634	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-propyl-	166	C10H14O2	002785-87-7	95
2	Homovanillyl alcohol	168	C9H12O3	002380-78-1	64
3	4-Amino-2,3-xylenol	137	C8H11NO	003096-69-3	58
4	1-Benzenol,2-methoxy-4-[[[2-(4-h...	273	C16H19NO3	033120-06-8	56
5	Phenol, 2-methoxy-4-propyl-	166	C10H14O2	002785-87-7	56





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Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

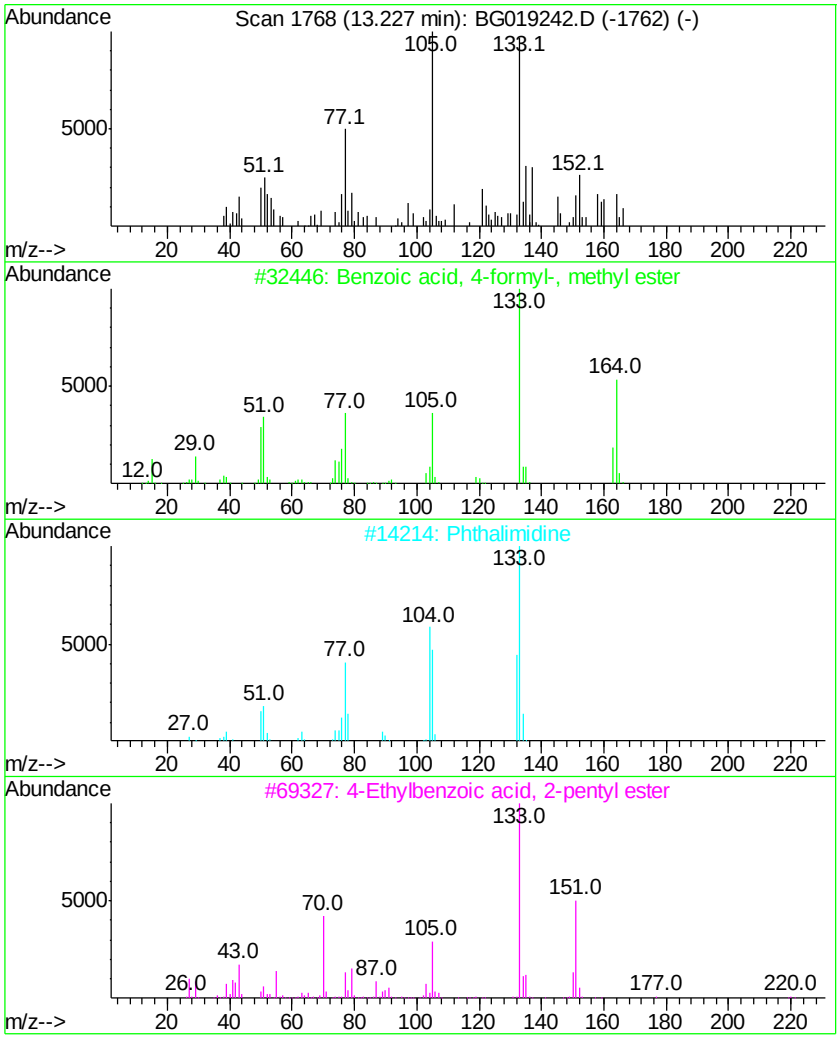
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

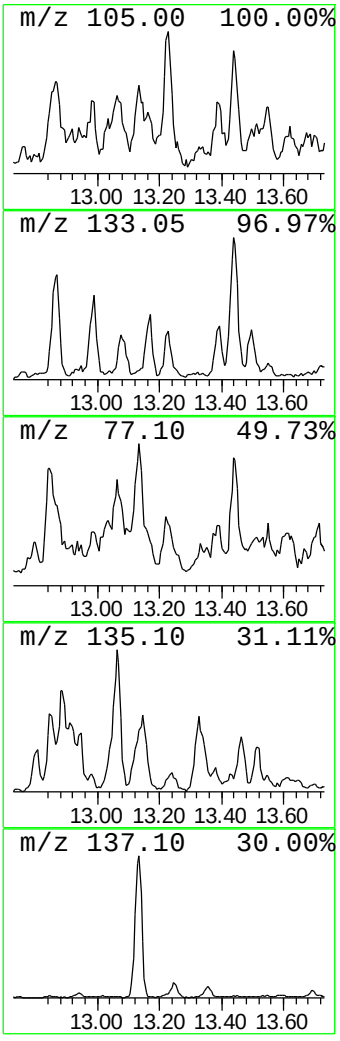
****

Peak Number 19 unknown-02 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	8.53 ng/ul	135121	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-formyl-, methyl ...	164	C9H8O3	001571-08-0	43
2	Phthalimidine	133	C8H7NO	000480-91-1	38
3	4-Ethylbenzoic acid, 2-pentyl ester	220	C14H20O2	1000293-31-9	35
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	32
5	Phthalimidine	133	C8H7NO	000480-91-1	30





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Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

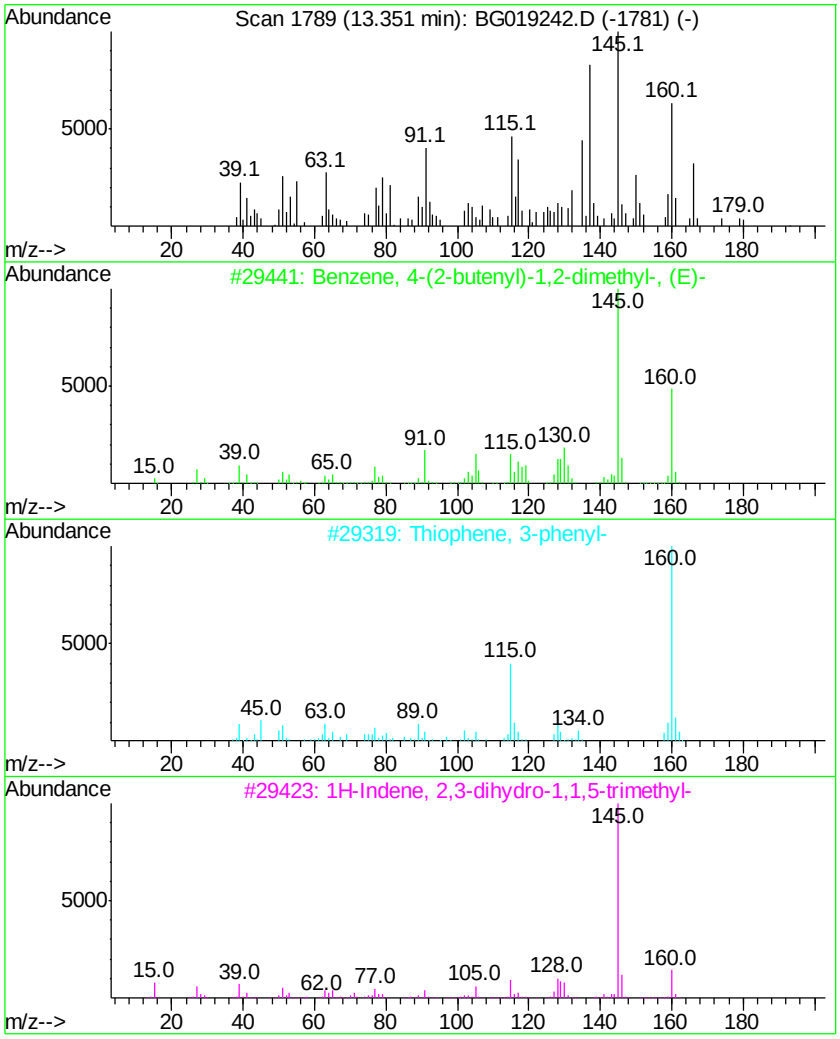
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

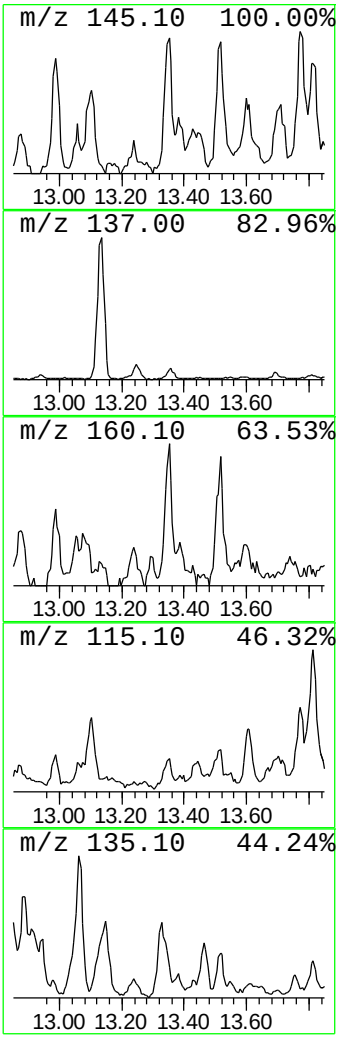
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	7.04 ng/ul	111401	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	80
2	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	53
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	50
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

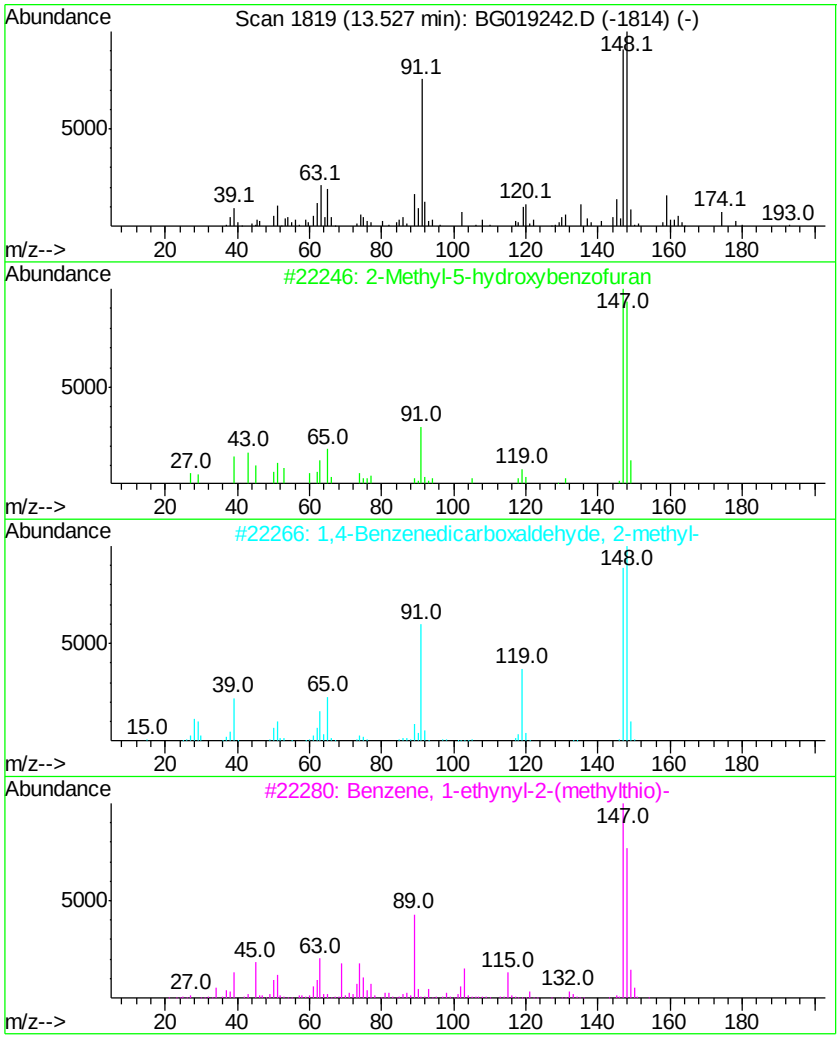
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

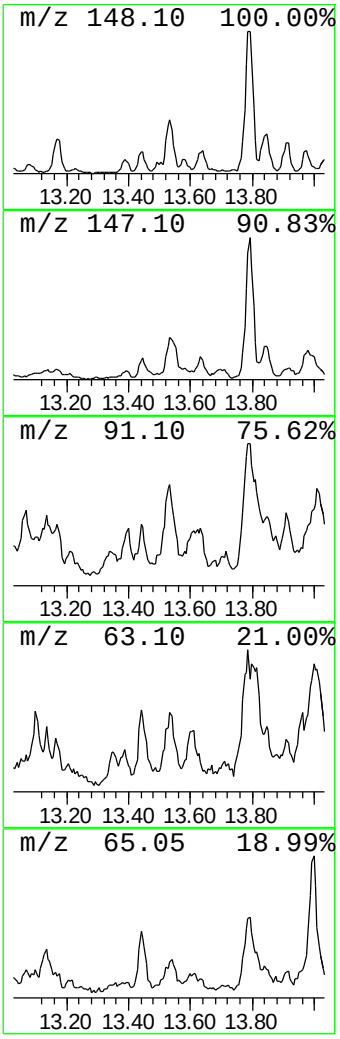
****

Peak Number 21 2-Methyl-5-hydroxybenzofuran Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	7.86 ng/ul	124504	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-5-hydroxybenzofuran	148	C9H8O2	006769-56-8	90
2	1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	87
3	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	64
4	Pyrrole-2-carbonitrile, 5-formyl...	148	C8H8N2O	026187-38-2	49
5	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

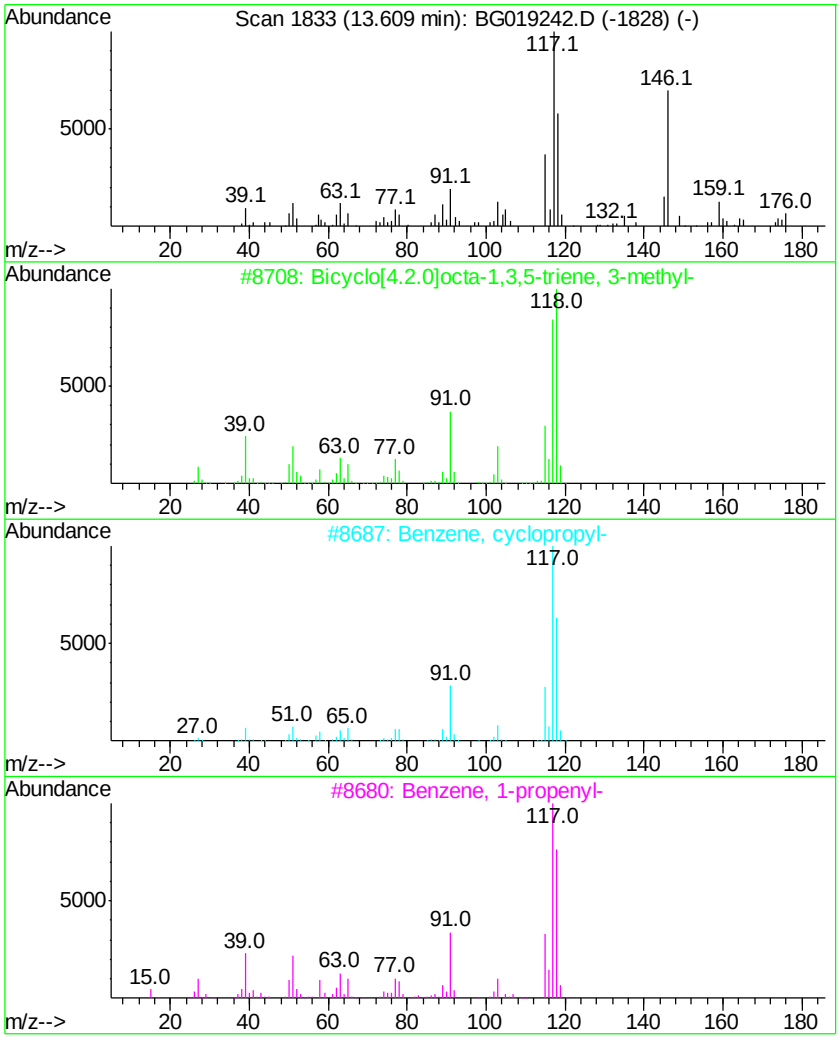
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

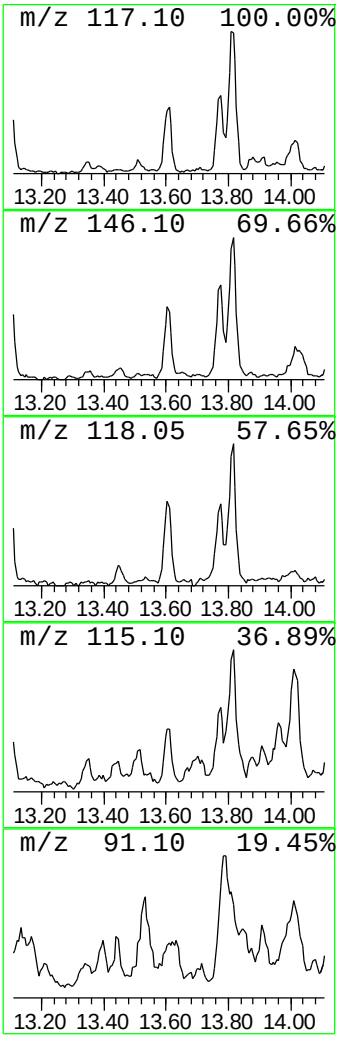
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	7.77 ng/ul	122978	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	80
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	55
5	Indane	118	C9H10	000496-11-7	55





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

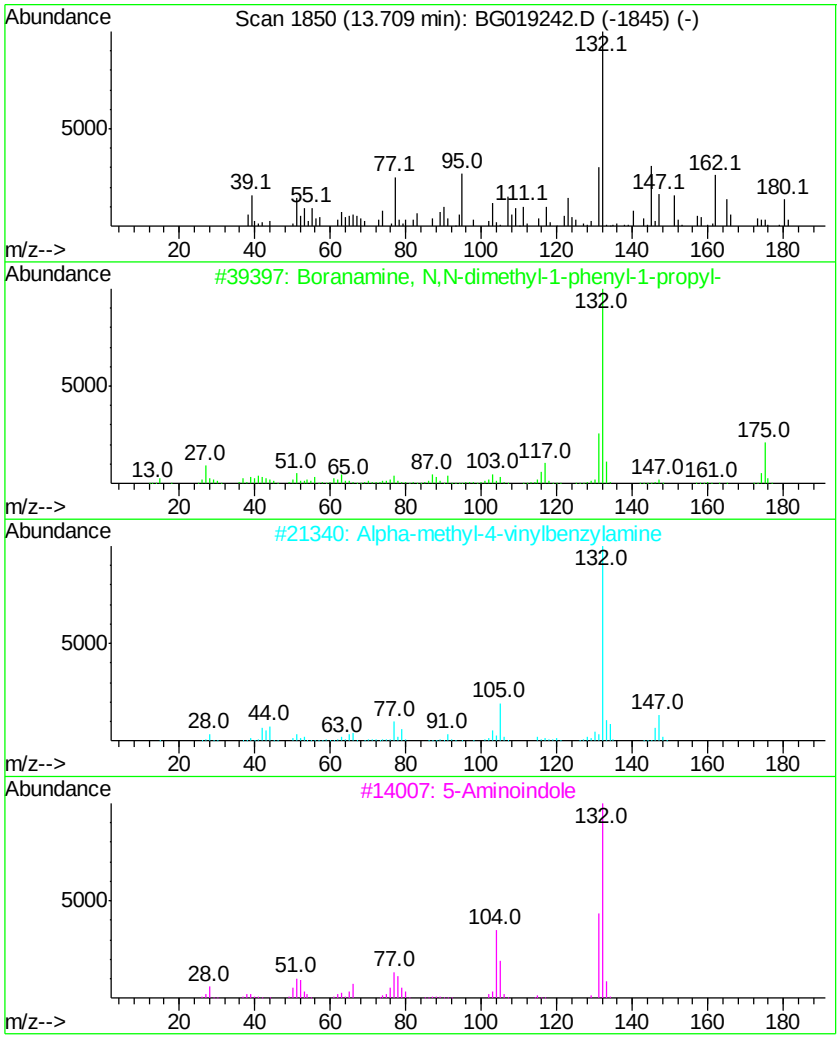
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

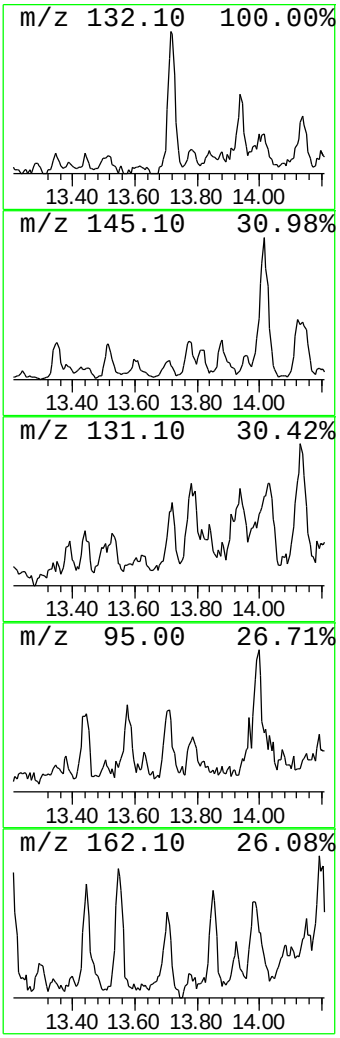
****

Peak Number 23 unknown-03 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	3.87 ng/ul	61332	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boranamine, N,N-dimethyl-1-phenyl...	175	C11H18BN	055976-16-4	38
2	Alpha-methyl-4-vinylbenzylamine	147	C10H13N	019303-08-3	35
3	5-Aminoindole	132	C8H8N2	005192-03-0	25
4	1H-Benzimidazole, 2-propyl-	160	C10H12N2	005465-29-2	25
5	1H-Benzimidazole, 2-propyl-	160	C10H12N2	005465-29-2	25





Library Search Compound Report

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Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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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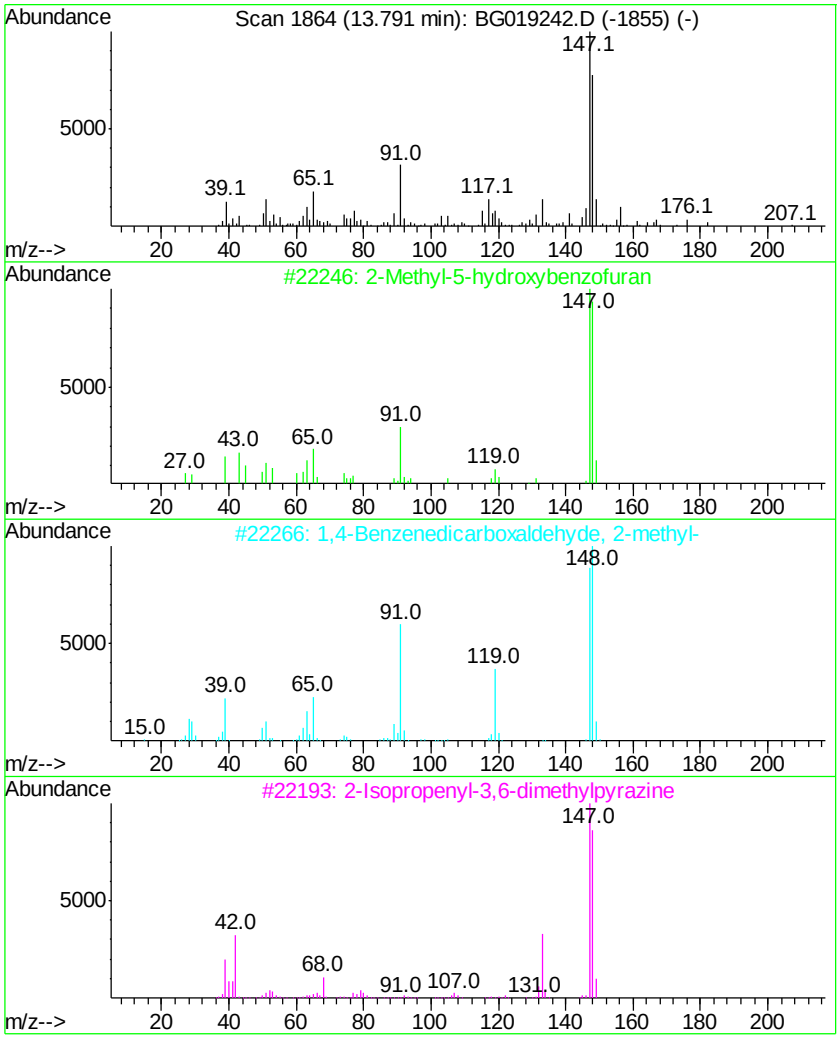
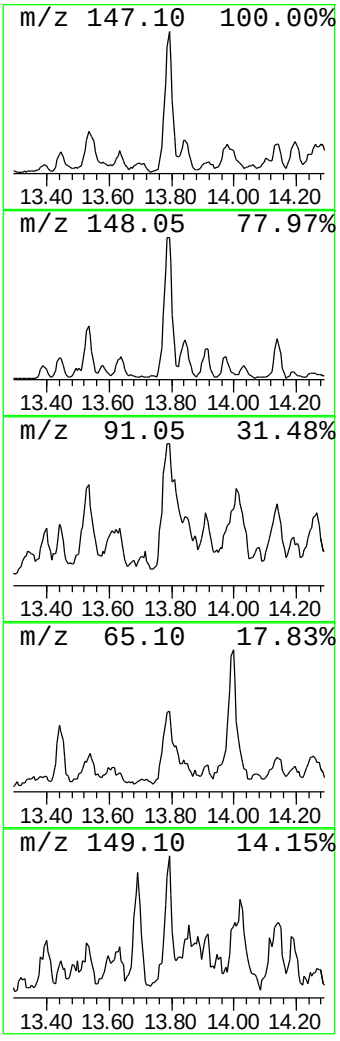
Peak Number 24 1,4-Benzenedicarboxaldehyde... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	27.73 ng/ul	439137	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-5-hydroxybenzofuran	148	C9H8O2	006769-56-8	76
2	1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	76
3	2-Isopropenyl-3,6-dimethylpyrazine	148	C9H12N2	1000109-60-7	64
4	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	64
5	Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	58





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Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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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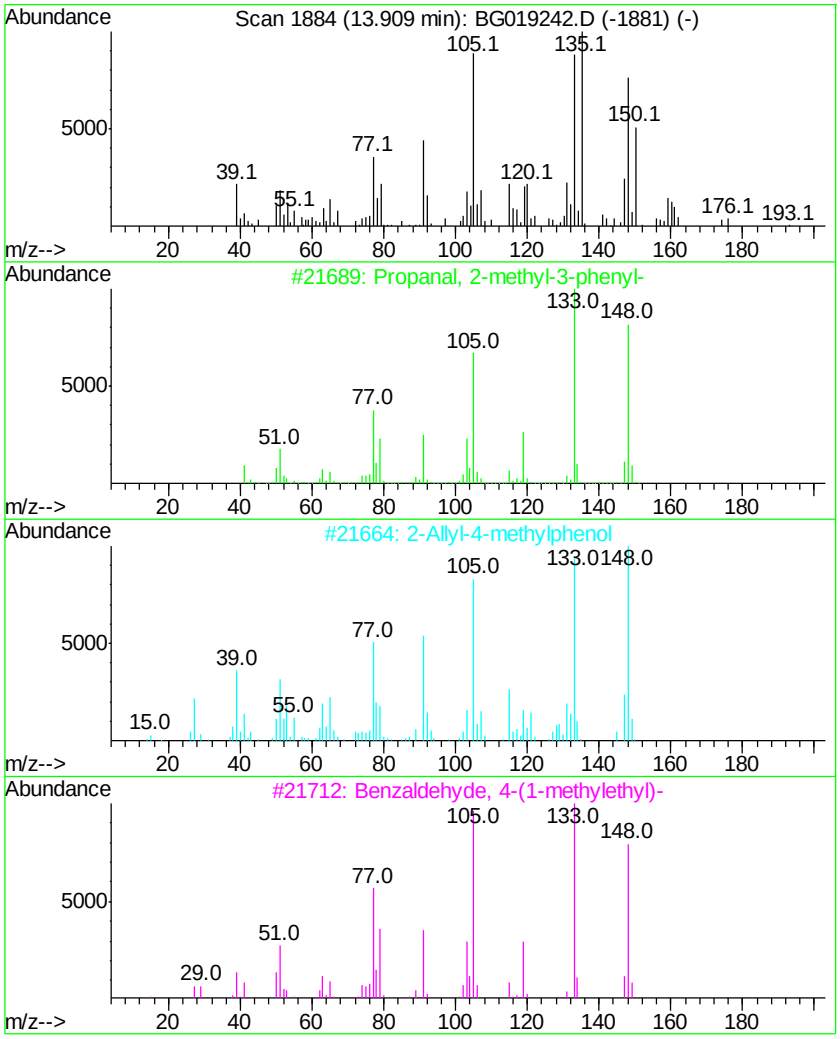
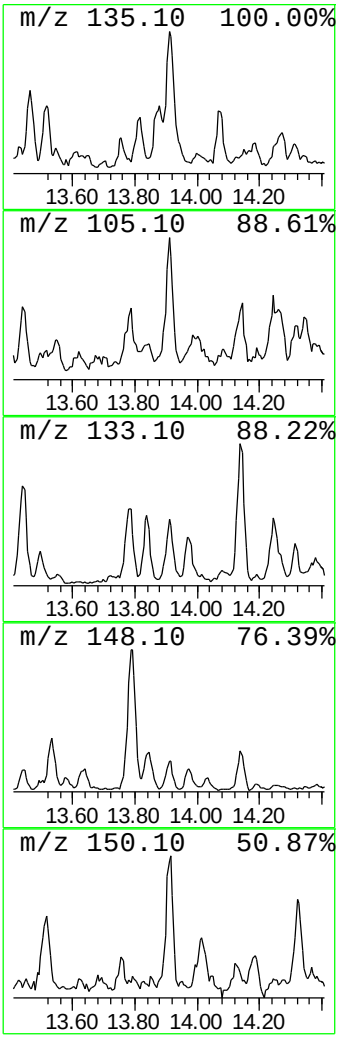
Peak Number 25 Propanal, 2-methyl-3-phenyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	4.75 ng/ul	75228	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	89
2	2-Allyl-4-methylphenol	148	C10H12O	006628-06-4	64
3	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	50
4	2-Allyl-4-methylphenol	148	C10H12O	006628-06-4	45
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	43





Library Search Compound Report

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Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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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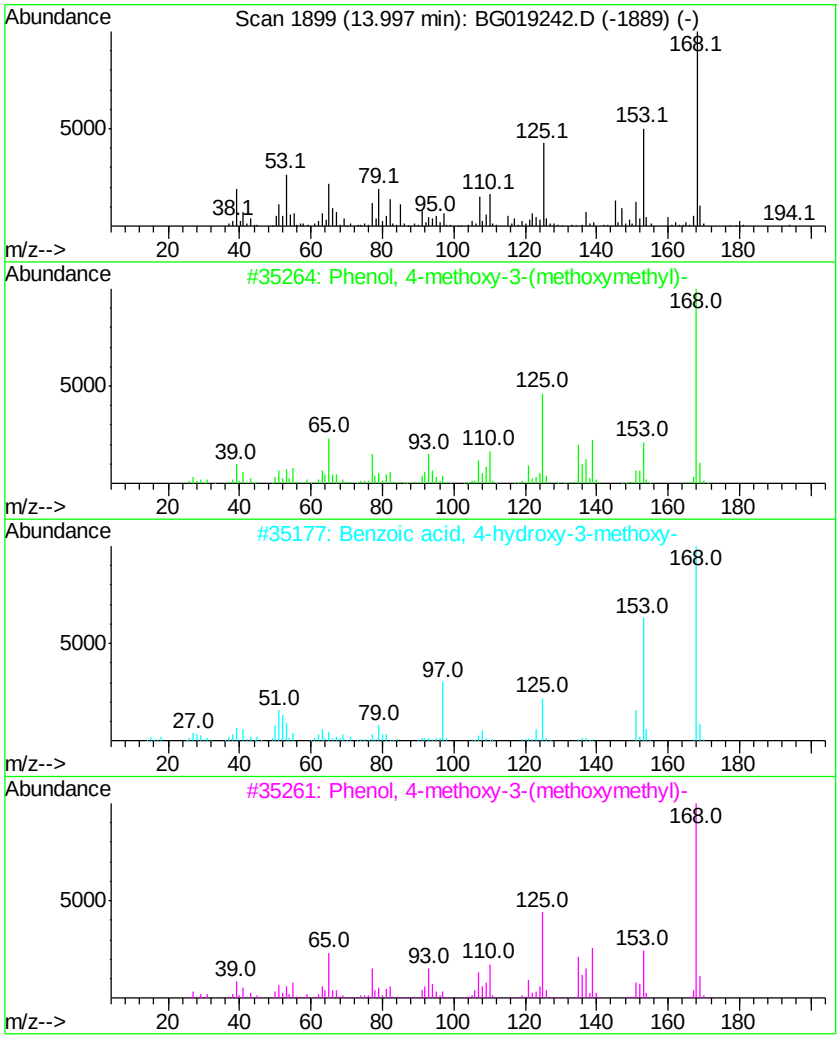
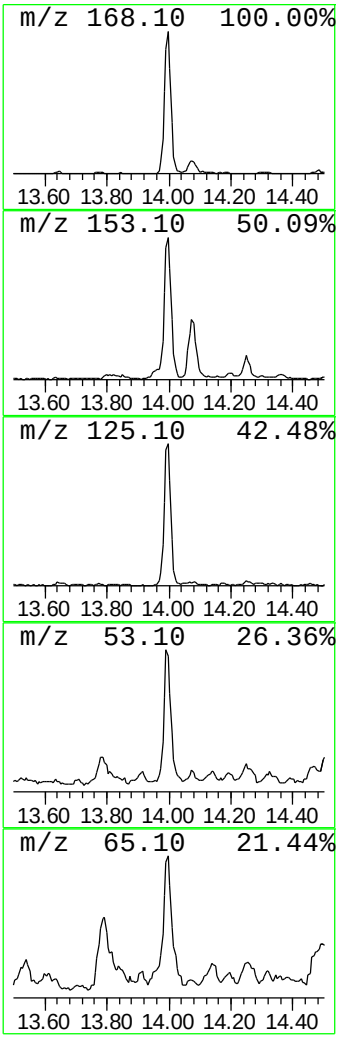
Peak Number 26 Phenol, 4-methoxy-3-(methox... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	48.81 ng/ul	772899	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-methoxy-3-(methoxymeth...	168	C9H12O3	059907-65-2	68
2	Benzoic acid, 4-hydroxy-3-methoxy-	168	C8H8O4	000121-34-6	64
3	Phenol, 4-methoxy-3-(methoxymeth...	168	C9H12O3	059907-65-2	62
4	3-Hydroxy-4-methoxybenzoic acid	168	C8H8O4	000645-08-9	58
5	Benzoic acid, 4-hydroxy-3-methoxy-	168	C8H8O4	000121-34-6	58





Library Search Compound Report

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Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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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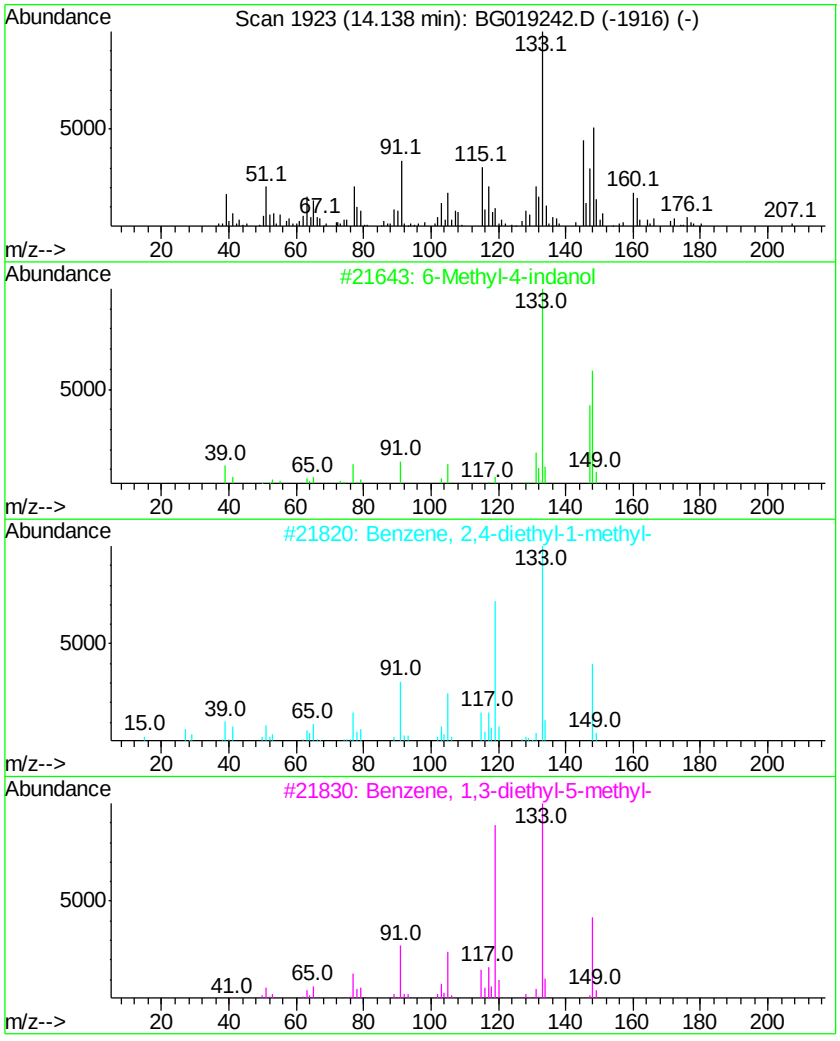
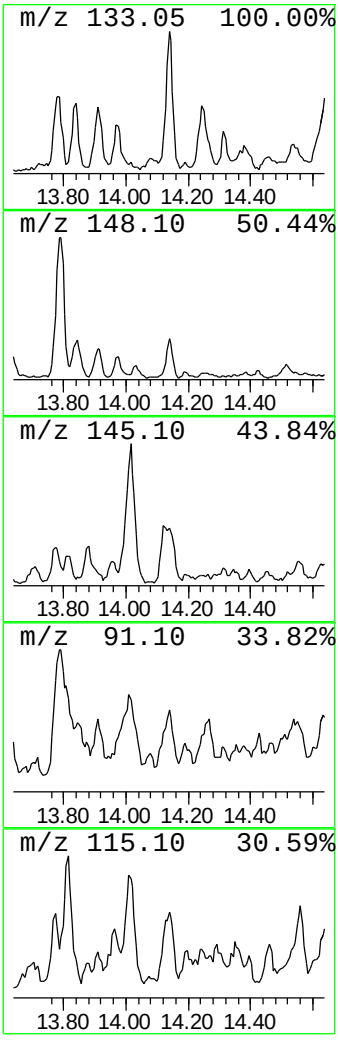
Peak Number 27 6-Methyl-4-indanol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	14.04 ng/ul	222315	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4-indanol	148	C10H12O	020294-32-0	64
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	55
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	49
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	46
5	Phenol, 2-methyl-6-(2-propenyl)-	148	C10H12O	003354-58-3	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

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

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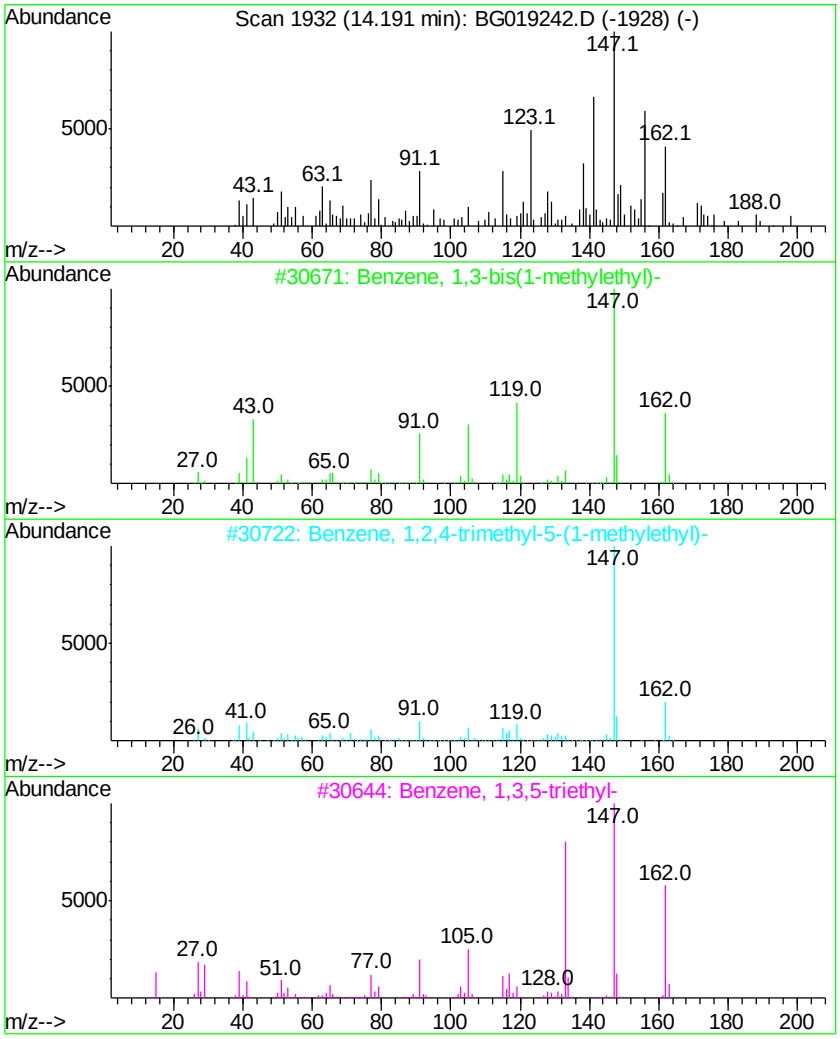
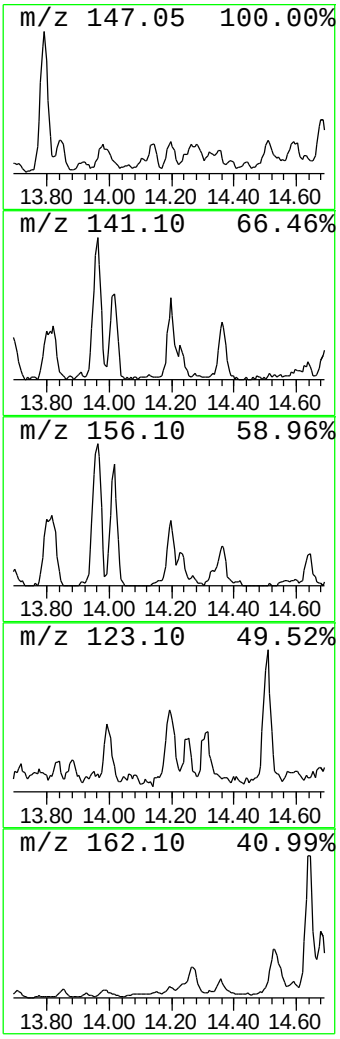
Peak Number 28 unknown-04 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	6.00 ng/ul	95063	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	38
2	Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	38
3	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	30
4	1H-Inden-1-ol, 2,3-dihydro-3,3-d...	162	C11H14O	038393-92-9	30
5	Butanenitrile, 2-(amino)(methylt...	156	C6H8N2OS	058955-39-8	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

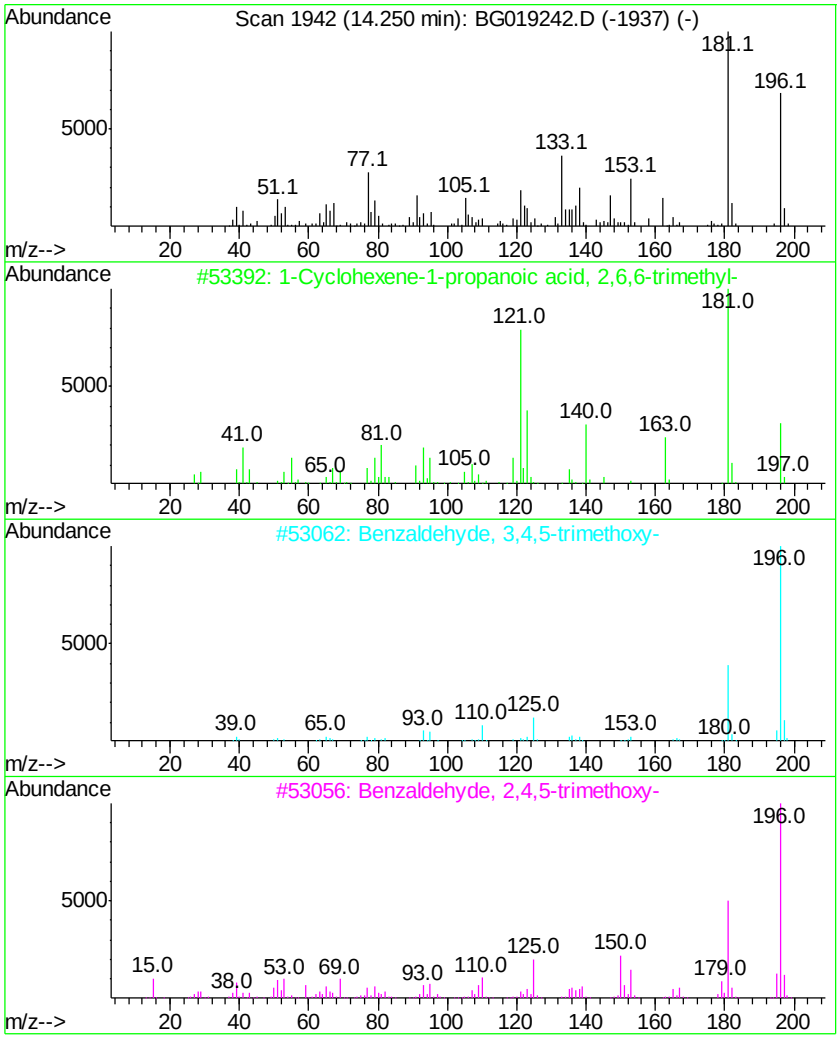
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

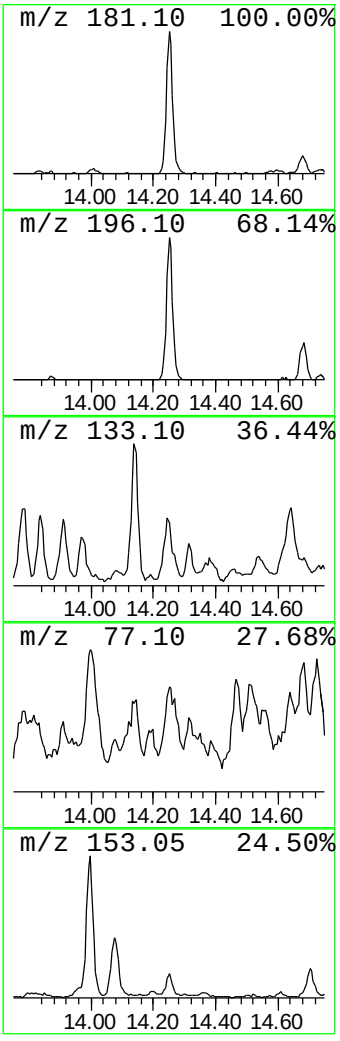
****

Peak Number 29 1-Cyclohexene-1-propanoic a... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	13.99 ng/ul	221465	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene-1-propanoic acid, ...	196	C12H20O2	054344-70-6	60
2	Benzaldehyde, 3,4,5-trimethoxy-	196	C10H12O4	000086-81-7	58
3	Benzaldehyde, 2,4,5-trimethoxy-	196	C10H12O4	004460-86-0	53
4	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	52
5	Ethanone, 1-(2-hydroxy-4,6-dimet...	196	C10H12O4	000090-24-4	47





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Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

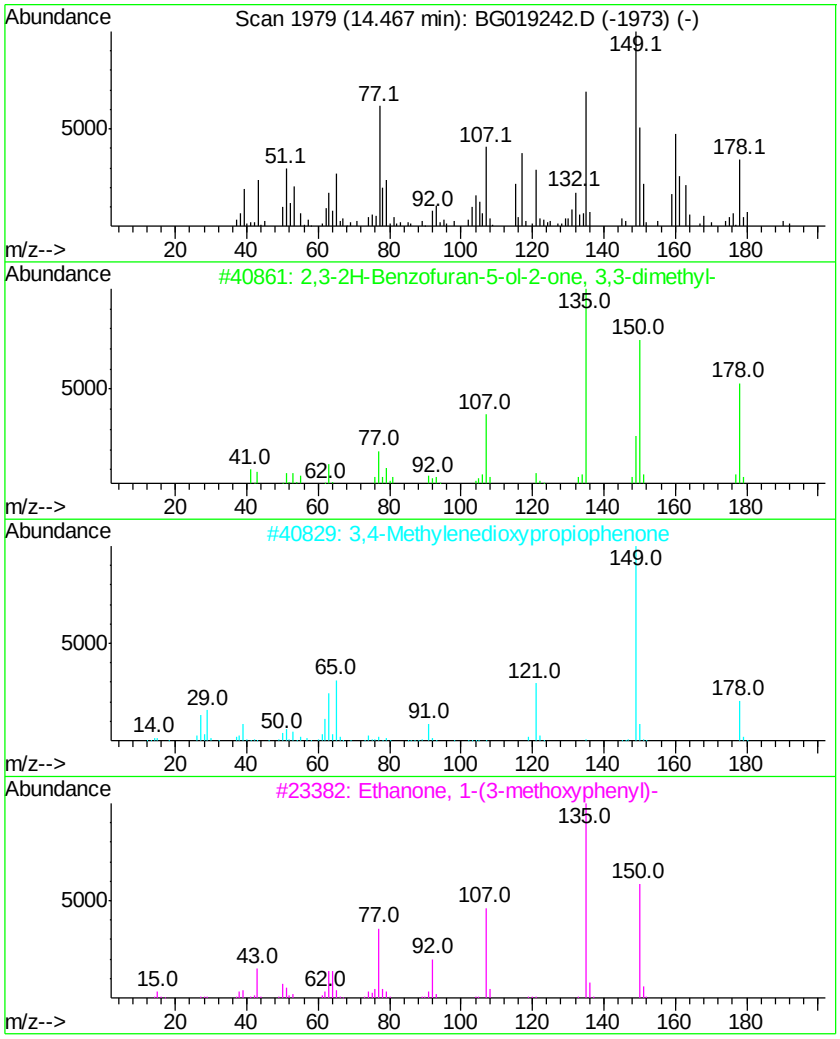
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

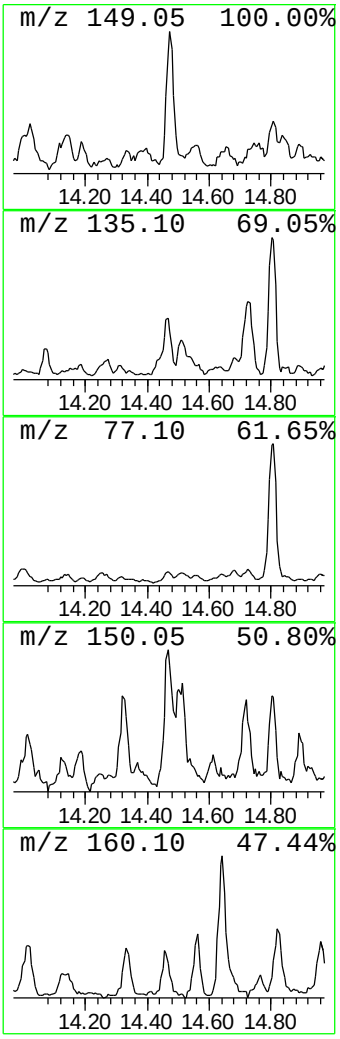
****

Peak Number 30 unknown-05 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	10.71 ng/ul	169652	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-2H-Benzofuran-5-ol-2-one, 3,...	178	C10H10O3	026172-13-4	38
2	3,4-Methylenedioxypropiophenone	178	C10H10O3	028281-49-4	30
3	Ethanone, 1-(3-methoxyphenyl)-	150	C9H10O2	000586-37-8	30
4	Ethanone, 1-(3-methoxyphenyl)-	150	C9H10O2	000586-37-8	25
5	Piperonal	150	C8H6O3	000120-57-0	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

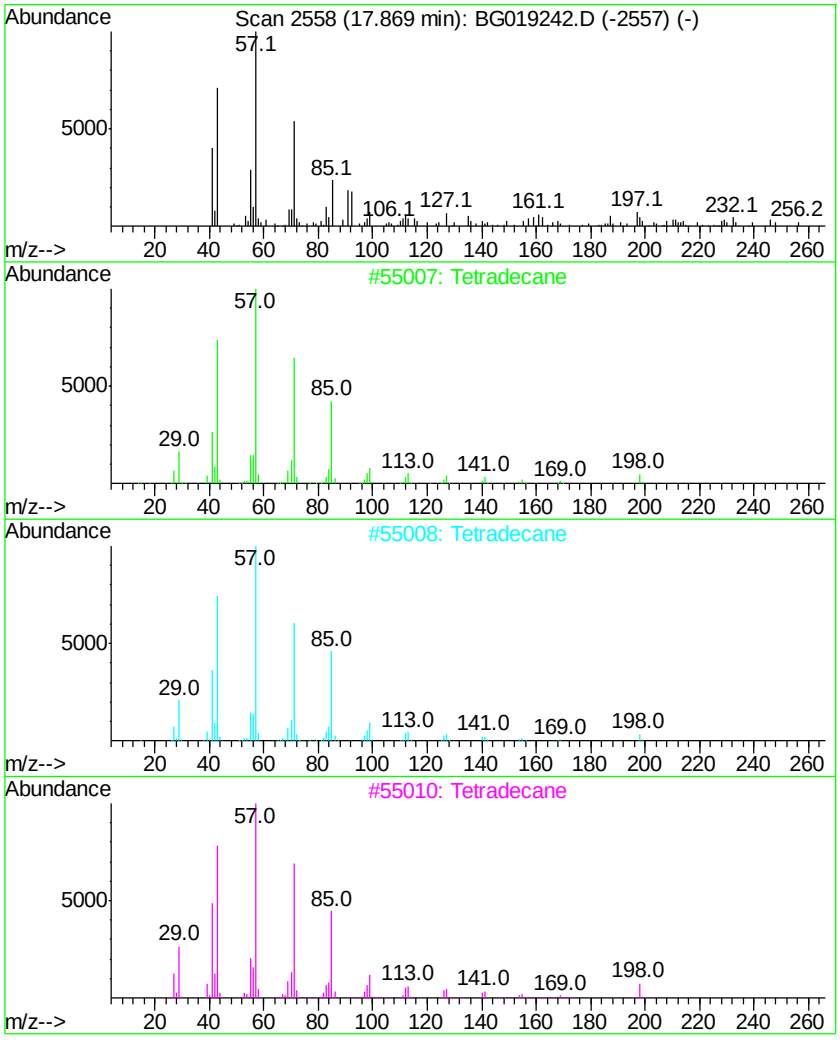
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

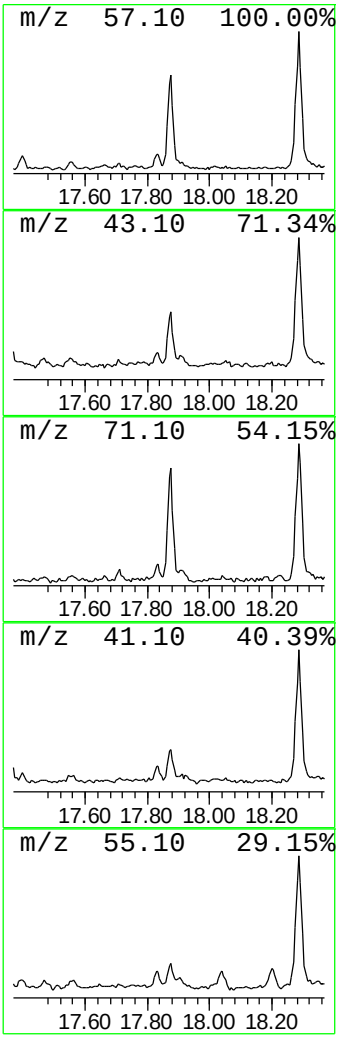
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.32 ng/ul	65730	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	70
2	Tetradecane	198	C14H30	000629-59-4	70
3	Tetradecane	198	C14H30	000629-59-4	70
4	Pentadecane	212	C15H32	000629-62-9	64
5	Pentadecane	212	C15H32	000629-62-9	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

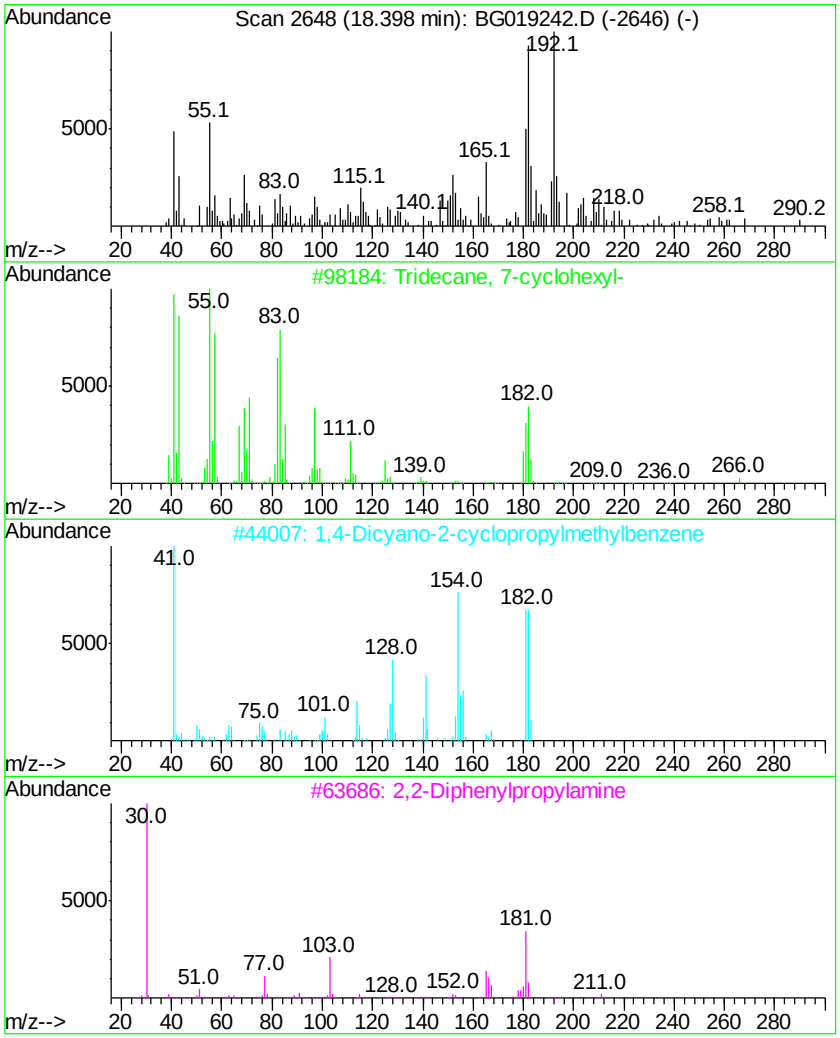
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

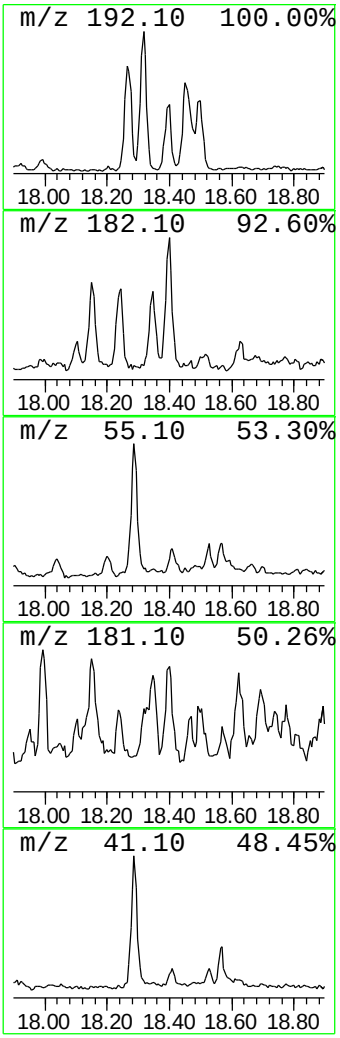
****

Peak Number 55 (DEL) Alkane: Cyclic18.40 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.99 ng/ul	113024	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-cyclohexyl-	266	C19H38	013151-92-3	10
2	1,4-Dicyano-2-cyclopropylmethylb...	182	C12H10N2	161894-18-4	10
3	2,2-Diphenylpropylamine	211	C15H17N	034611-07-9	9
4	Butanoic acid, 4-[(trifluoroacet...	255	C10H16F3NO3	034815-14-0	9
5	5,9-Dimethyl-2-(1-methylethyl)-1...	224	C15H28O	004570-15-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

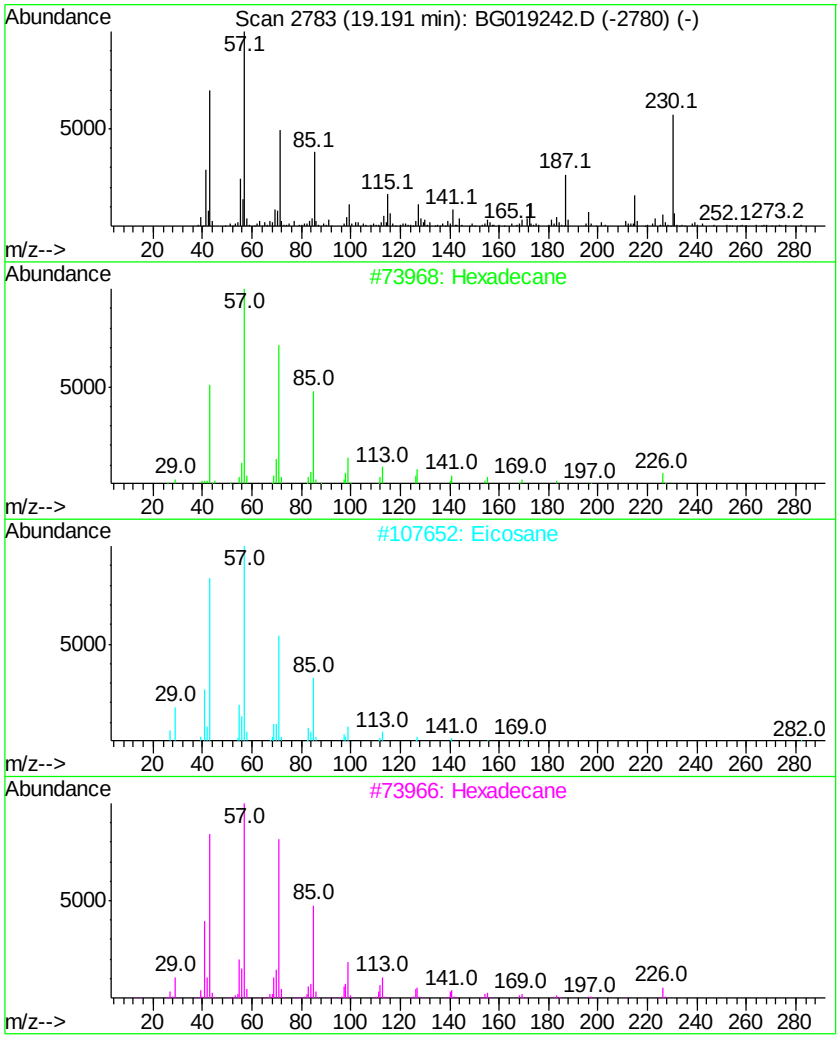
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

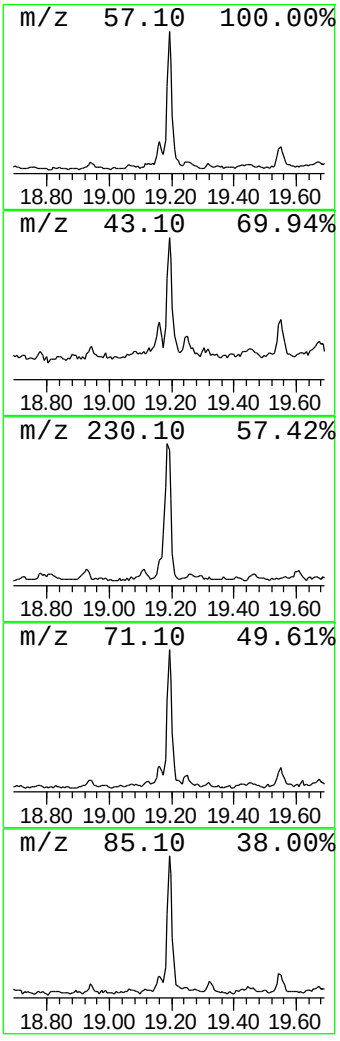
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	11.89 ng/ul	336798	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Eicosane	282	C20H42	000112-95-8	81
3	Hexadecane	226	C16H34	000544-76-3	42
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	42
5	Hexadecane	226	C16H34	000544-76-3	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

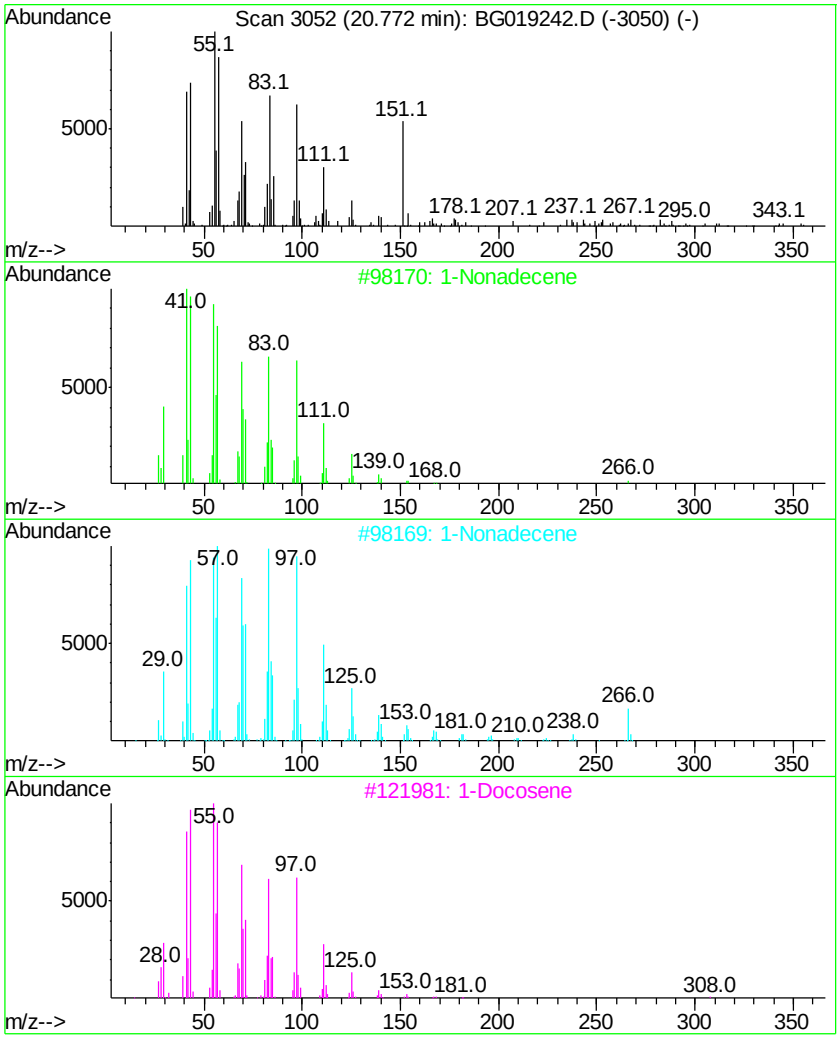
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

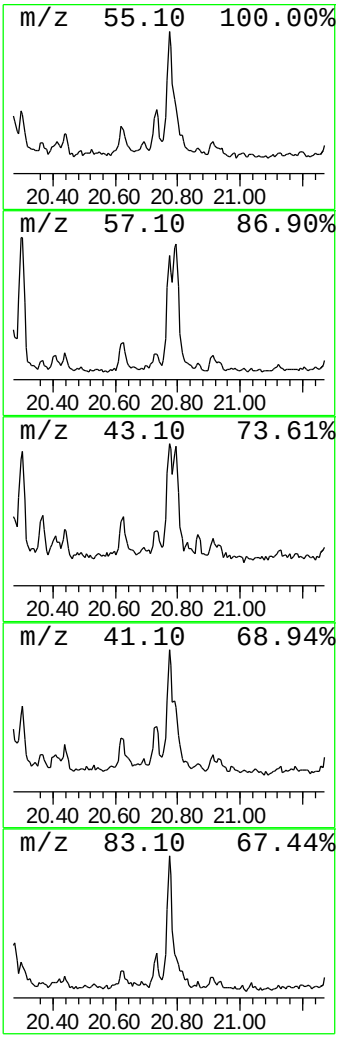
****

Peak Number 64 (DEL) Alkane: Cyclic20.77 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	14.64 ng/ul	432245	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	92
2	1-Nonadecene	266	C19H38	018435-45-5	76
3	1-Docosene	308	C22H44	001599-67-3	76
4	17-Pentatriacontene	491	C35H70	006971-40-0	74
5	1-Heptadecene	238	C17H34	006765-39-5	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

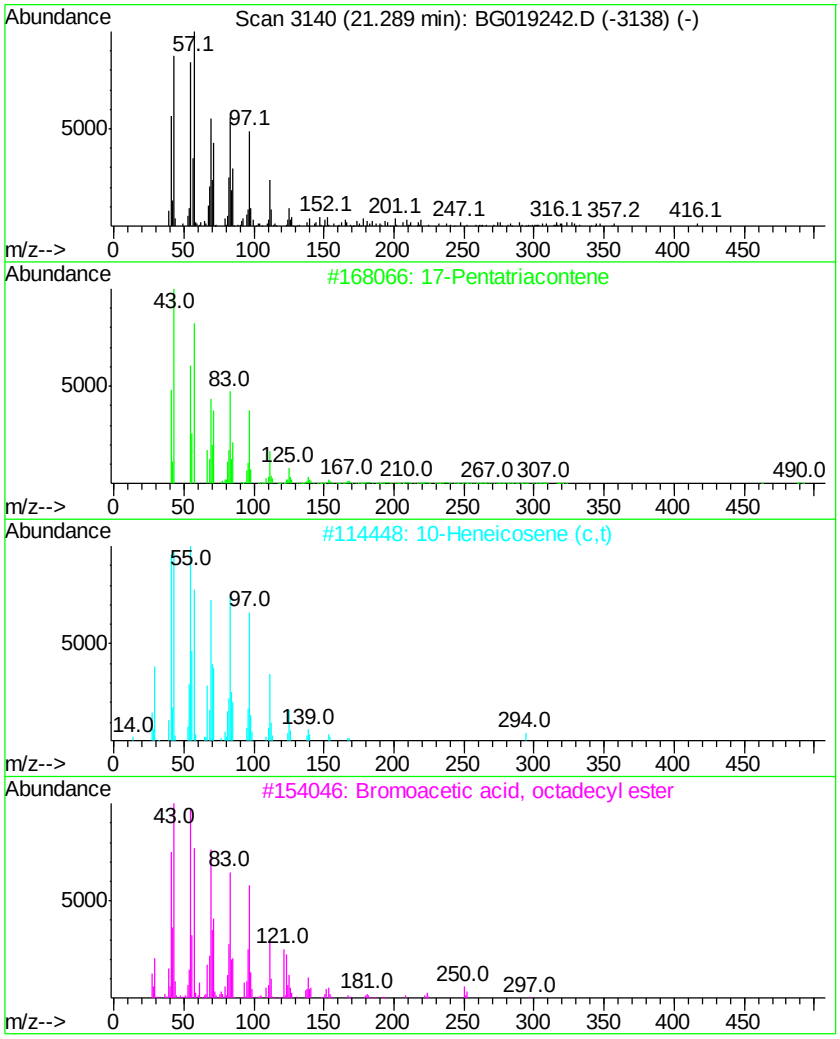
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

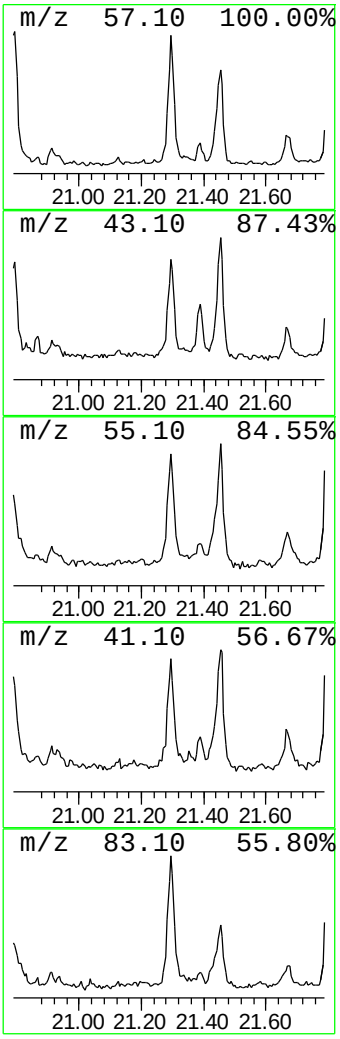
****

Peak Number 65 (DEL) Alkane: Cyclic21.29 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	6.71 ng/ul	198262	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	90
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	76
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	74
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	72
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	70





Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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

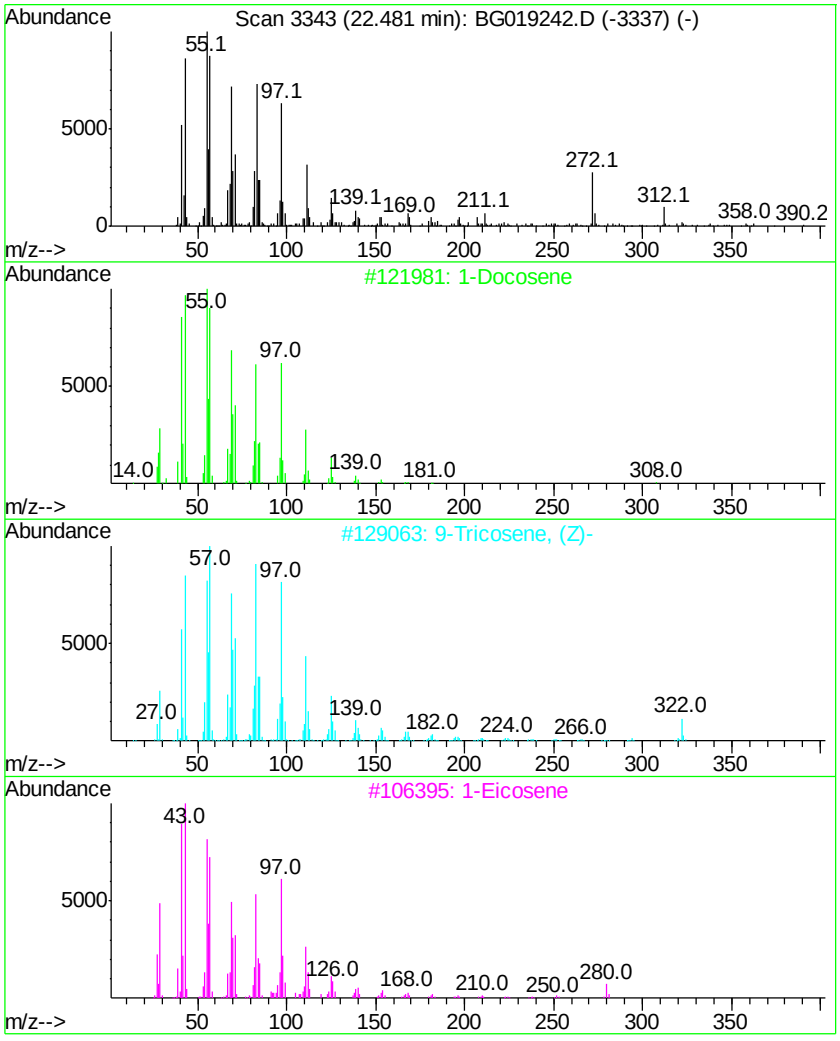
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

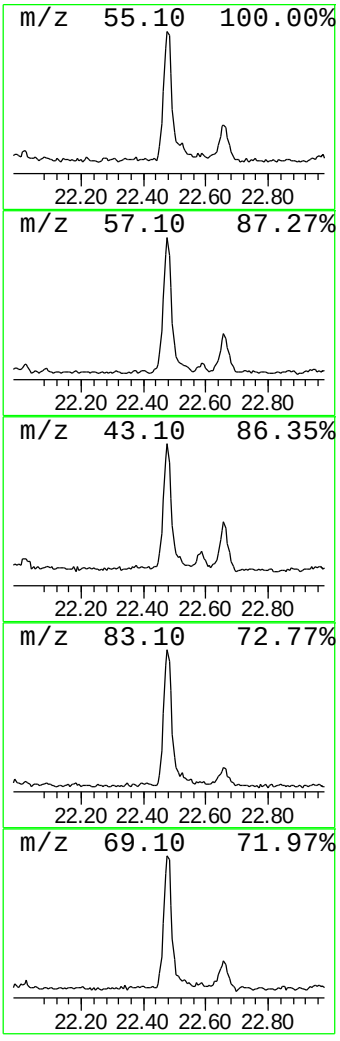
****

Peak Number 68 (DEL) Alkane: Cyclic22.48 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	17.39 ng/ul	513560	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	1-Eicosene	280	C20H40	003452-07-1	90
4	Cyclotetracosane	336	C24H48	000297-03-0	90
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101915\
Data File : BG019242.D
Acq On : 19 Oct 2015 15:32
Operator : UM/NP
Sample : G3996-15DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LK2DL

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	9.9	ng/ul	84640	2	10.81	171056	20.0
Phenol, 3,4-dimet...	10.69	13.1	ng/ul	111962	2	10.81	171056	20.0
Phenol, 2-ethyl-6...	11.18	13.0	ng/ul	111396	2	10.81	171056	20.0
Phenol, 4-ethyl-3...	11.36	25.1	ng/ul	214758	2	10.81	171056	20.0
3,4-Dimethylanisole	11.40	7.5	ng/ul	64402	2	10.81	171056	20.0
Phenol, 2-ethyl-4...	11.65	16.5	ng/ul	141440	2	10.81	171056	20.0
Phenol, 2,3,6-tri...	11.69	7.4	ng/ul	63252	2	10.81	171056	20.0
Phenol, 3,4,5-tri...	11.84	25.7	ng/ul	220115	2	10.81	171056	20.0
Phenol, 2,4,6-tri...	11.89	14.6	ng/ul	125100	2	10.81	171056	20.0
Phenol, 4-ethyl-2...	11.94	10.1	ng/ul	86221	2	10.81	171056	20.0
Phenol, 4-ethyl-2...	11.98	15.1	ng/ul	129368	2	10.81	171056	20.0
1H-Inden-1-one, 2...	12.19	17.0	ng/ul	145751	2	10.81	171056	20.0
Phenol, 2-ethyl-5...	12.33	17.6	ng/ul	150221	2	10.81	171056	20.0
Ethanone, 1-(2-hy...	12.79	4.1	ng/ul	64795	3	14.64	316696	20.0
unknown-01	12.85	16.5	ng/ul	260927	3	14.64	316696	20.0
2',4'-Dihydroxy-3...	13.03	4.5	ng/ul	71616	3	14.64	316696	20.0
Phenol, 3,5-diethyl-	13.07	8.8	ng/ul	139553	3	14.64	316696	20.0
Phenol, 2-methoxy...	13.13	20.9	ng/ul	330634	3	14.64	316696	20.0
unknown-02	13.23	8.5	ng/ul	135121	3	14.64	316696	20.0
Benzene, 4-(2-but...	13.35	7.0	ng/ul	111401	3	14.64	316696	20.0
2-Methyl-5-hydrox...	13.53	7.9	ng/ul	124504	3	14.64	316696	20.0
Bicyclo[4.2.0]oct...	13.61	7.8	ng/ul	122978	3	14.64	316696	20.0
unknown-03	13.71	3.9	ng/ul	61332	3	14.64	316696	20.0
1,4-Benzenedicarb...	13.79	27.7	ng/ul	439137	3	14.64	316696	20.0
Propanal, 2-methy...	13.91	4.8	ng/ul	75228	3	14.64	316696	20.0
Phenol, 4-methoxy...	14.00	48.8	ng/ul	772899	3	14.64	316696	20.0
6-Methyl-4-indanol	14.14	14.0	ng/ul	222315	3	14.64	316696	20.0
unknown-04	14.19	6.0	ng/ul	95063	3	14.64	316696	20.0
1-Cyclohexene-1-p...	14.25	14.0	ng/ul	221465	3	14.64	316696	20.0
unknown-05	14.47	10.7	ng/ul	169652	3	14.64	316696	20.0
(DEL) Alkane: Str...	17.87	2.3	ng/ul	65730	4	17.39	566505	20.0
(DEL) Alkane: Cyc...	18.40	4.0	ng/ul	113024	4	17.39	566505	20.0
(DEL) Alkane: Str...	19.19	11.9	ng/ul	336798	4	17.39	566505	20.0
(DEL) Alkane: Cyc...	20.77	14.6	ng/ul	432245	5	21.66	590624	20.0
(DEL) Alkane: Cyc...	21.29	6.7	ng/ul	198262	5	21.66	590624	20.0
(DEL) Alkane: Cyc...	22.48	17.4	ng/ul	513560	5	21.66	590624	20.0