LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.858	506	514	526	rBV	5760904	14316999	12.96%	0.515%
2	6.234	568	578	585	rVV2	4689249	10940731	9.91%	0.393%
3	7.315	754	762	767	rVV	3355769	6196411	5.61%	0.223%
4	7.444	777	784	799	rVB2	4060908	9725288	8.81%	0.350%
5	7.627	799	815	823	rBV3	2402493	7761689	7.03%	0.279%
6	7.891	854	860	868	rVV	5123691	10346628	9.37%	0.372%
7	7.973	868	874	881	rVV	3843373	7568621	6.85%	0.272%
8	8.719	990	1001	1008	rVV2	11133984	28288384	25.62%	1.017%
9	9.090	1048	1064	1079	rBV3	13449875	46845214	42.42%	1.684%
10	9.354	1097	1109	1117	rBV6	3232288	11460346	10.38%	0.412%
11	9.448	1118	1125	1131	rVV2	4271953	8967481	8.12%	0.322%
12	9.718	1160	1171	1182	rVV3	12429382	36822688	33.34%	1.324%
13	9.818	1182	1188	1194	rVB	8814163	16533163	14.97%	0.594%
14	10.059	1217	1229	1243	rBV2	4982273	14697978	13.31%	0.528%
15	10.312	1243	1272	1283	rBV2	18668783	95983932	86.92%	3.451%
16	10.494	1284	1303	1306	rBV6	4051888	14772338	13.38%	0.531%
17	10.623	1307	1325	1329	rBV5	13030960	61351617	55.56%	2.206%
18	10.776	1346	1351	1362	rVB4	2752963	7927927	7.18%	0.285%
19	10.870	1362	1367	1374	rVB2	3747466	7742394	7.01%	0.278%
20	10.940	1374	1379	1387	rBV2	5418033	11791787	10.68%	0.424%
21	11.023	1387	1393	1397	rBV7	5924930	14861398	13.46%	0.534%
22	11.164	1410	1417	1425	rVB	10480075	24383830	22.08%	0.877%
23	11.287	1425	1438	1443	rBV3	17143259	50288552	45.54%	1.808%
24	11.346	1443	1448	1453	rBV2	4985028	10792398	9.77%	0.388%
25	11.393	1454	1456	1464	rVB4	6428107	10833141	9.81%	0.389%
26	11.534	1464	1480	1485	rBV3	21576601	90401851	81.86%	3.250%
27	11.592	1485	1490	1496	rVB	13239845	23531277	21.31%	0.846%
28	11.698	1497	1508	1515	rVV4	19365456	63625378	57.62%	2.287%
29	11.775	1515	1521	1528	rVB2	7482025	17073049	15.46%	0.614%
30	11.863	1529	1536	1540	rBV3	3428036	6618543	5.99%	0.238%
31	12.039	1549	1566	1573	rBV7	27297585	103646389	93.86%	3.726%
32	12.186	1573	1591	1597	rBV8	16089164	71770840	64.99%	2.580%
33	12.251	1597	1602	1605	rVV	12961548	26761757	24.23%	0.962%
34	12.309	1605	1612	1623	rVB6	21595987	62509028	56.60%	2.247%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	12.462	1633	1638	1645	rVB5	4995049	10669833	9.66%	0.384%
36	12.550	1645	1653	1657	rBV2	10590994	21582332	19.54%	0.776%
37	12.656	1664	1671	1681	rVB6	10086071	34478277	31.22%	1.240%
38	12.791	1682	1694	1702	rBV7	34346643	110431707	100.00%	3.970%
39	12.944	1711	1720	1724	rVV3	20522151	67190018	60.84%	2.415%
40	13.003	1724	1730	1735	rVB4	19071669	47460470	42.98%	1.706%
41	13.073	1736	1742	1746	rBV4	10935377	20715826	18.76%	0.745%
42	13.173	1752	1759	1764	rVV4	8595654	20971832	18.99%	0.754%
43	13.255	1767	1773	1778	rVB6	7848739	16801998	15.21%	0.604%
44	13.320	1778	1784	1788	rBV3	15777815	30758355	27.85%	1.106%
45	13.367	1789	1792	1796	rVB5	4390791	6829963	6.18%	0.246%
46	13.443	1798	1805	1813	rVB6	22415785	57029842	51.64%	2.050%
47	13.514	1813	1817	1826	rVB5	7052131	17635025	15.97%	0.634%
48	13.602	1826	1832	1837	rBV4	9561679	24803704	22.46%	0.892%
49	13.649	1837	1840	1842	rVV	8471524	12731887	11.53%	0.458%
50	13.684	1842	1846	1854	rVV5	11853951	27902657	25.27%	1.003%
51	13.761	1854	1859	1867	rVB3	7221834	13478073	12.20%	0.485%
52	13.872	1868	1878	1880	rBV8	5747280	15099404	13.67%	0.543%
53	13.954	1887	1892	1900	rVV5	16031926	37290383	33.77%	1.341%
54	14.107	1908	1918	1930	rBV5	28183182	73220765	66.30%	2.632%
55	14.213	1930	1936	1938	rBV4	10320151	19584358	17.73%	0.704%
56	14.266	1938	1945	1948	rVV5	13444931	35891674	32.50%	1.290%
57	14.307	1948	1952	1957	rVB3	16539221	30644054	27.75%	1.102%
58	14.477	1971	1981	1985	rBV7	11163939	25763242	23.33%	0.926%
59	14.548	1991	1993	1996	rVV3	9506540	13962471	12.64%	0.502%
60	14.595	1996	2001	2012	rVV7	19292463	67239061	60.89%	2.417%
61	14.677	2012	2015	2020	rVB4	15473034	24428638	22.12%	0.878%
62	14.759	2023	2029	2032	rBV	17339955	23773125	21.53%	0.855%
63	14.806	2032	2037	2043	rVB7	10009531	21210294	19.21%	0.763%
64	14.877	2043	2049	2054	rBV3	16235425	27671198	25.06%	0.995%
65	14.947	2054	2061	2065	rBV8	12210456	25815351	23.38%	0.928%
66	14.994	2065	2069	2074	rVB6	8486023	15549329	14.08%	0.559%
67	15.059	2074	2080	2084	rBV4	5459773	9811491	8.88%	0.353%
68	15.130	2084	2092	2098	rVB4	13556511	27988607	25.34%	1.006%
69	15.200	2098	2104	2109	rBV2	7553403	14758743	13.36%	0.531%
70	15.306	2117	2122	2130	rVB5	11351011	24186802	21.90%	0.870%
71	15.376	2130	2134	2137	rBV4	7071410	9999963	9.06%	0.360%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	15.517	2152	2158	2162	rVV2	9643483	18496196	16.75%	0.665%
73	15.564	2162	2166	2173	rVV6	13922577	35682748	32.31%	1.283%
74	15.635	2173	2178	2181	rVV2	17345073	32845325	29.74%	1.181%
75	15.699	2181	2189	2201	rVB2	30675799	84830930	76.82%	3.050%
76	15.840	2202	2213	2220	rBV2	18327342	33970803	30.76%	1.221%
77	15.946	2220	2231	2241	rVB7	10563501	28324513	25.65%	1.018%
78	16.493	2316	2324	2328	rVV4	18409730	32885625	29.78%	1.182%
79	16.557	2328	2335	2350	rVB2	30702525	66115520	59.87%	2.377%
80	16.763	2362	2370	2379	rVB4	15968163	29565564	26.77%	1.063%
81	16.851	2379	2385	2392	rVB	14411559	22926811	20.76%	0.824%
82	16.957	2393	2403	2407	rBV5	5051353	13168504	11.92%	0.473%
83	17.286	2452	2459	2463	rBV2	13187988	21608254	19.57%	0.777%
84	17.339	2463	2468	2478	rVB2	23453452	43784232	39.65%	1.574%
85	17.474	2486	2491	2500	rVB3	4117723	6670622	6.04%	0.240%
86	18.020	2579	2584	2587	rBV	7796170	10738957	9.72%	0.386%
87	18.073	2587	2593	2604	rVB2	19356087	35123235	31.81%	1.263%
88	18.496	2656	2665	2669	rBV2	7777995	13364711	12.10%	0.480%
89	18.708	2697	2701	2704	rVV	10532216	15015740	13.60%	0.540%
90	18.749	2704	2708	2725	rVB	16320719	28229382	25.56%	1.015%
91	19.336	2800	2808	2810	rBV	5591518	8133836	7.37%	0.292%
92	19.366	2810	2813	2820	rVB	11984177	16602838	15.03%	0.597%
93	19.618	2846	2856	2867	rBV6	2869104	10031175	9.08%	0.361%
94	19.906	2901	2905	2908	rBV	7965554	11255233	10.19%	0.405%
95	19.936	2908	2910	2916	rVB	11544216	12429273	11.26%	0.447%
96	20.459	2991	2999	3009	rVB2	8755242	17850520	16.16%	0.642%
97	20.940	3075	3081	3094	rVB2	8022078	19032759	17.23%	0.684%
98	21.481	3165	3173	3181	rVB	3410789	7146635	6.47%	0.257%
99	22.903	3407	3415	3427	rBV2	2839956	6704443	6.07%	0.241%
100	27.239	4145	4153	4165	rVB7	1908809	6587826	5.97%	0.237%

Sum of corrected areas: 2781622009

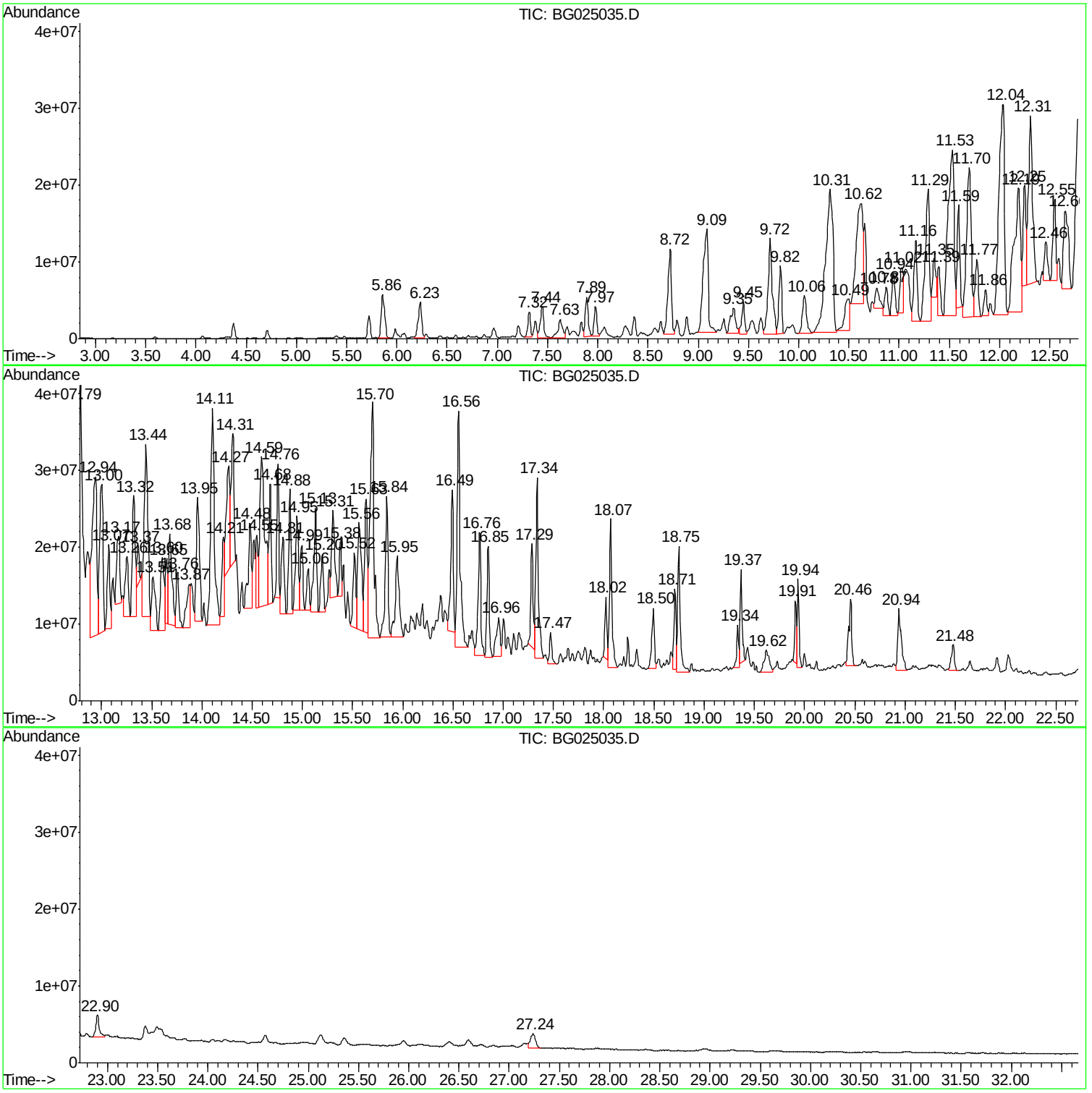
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

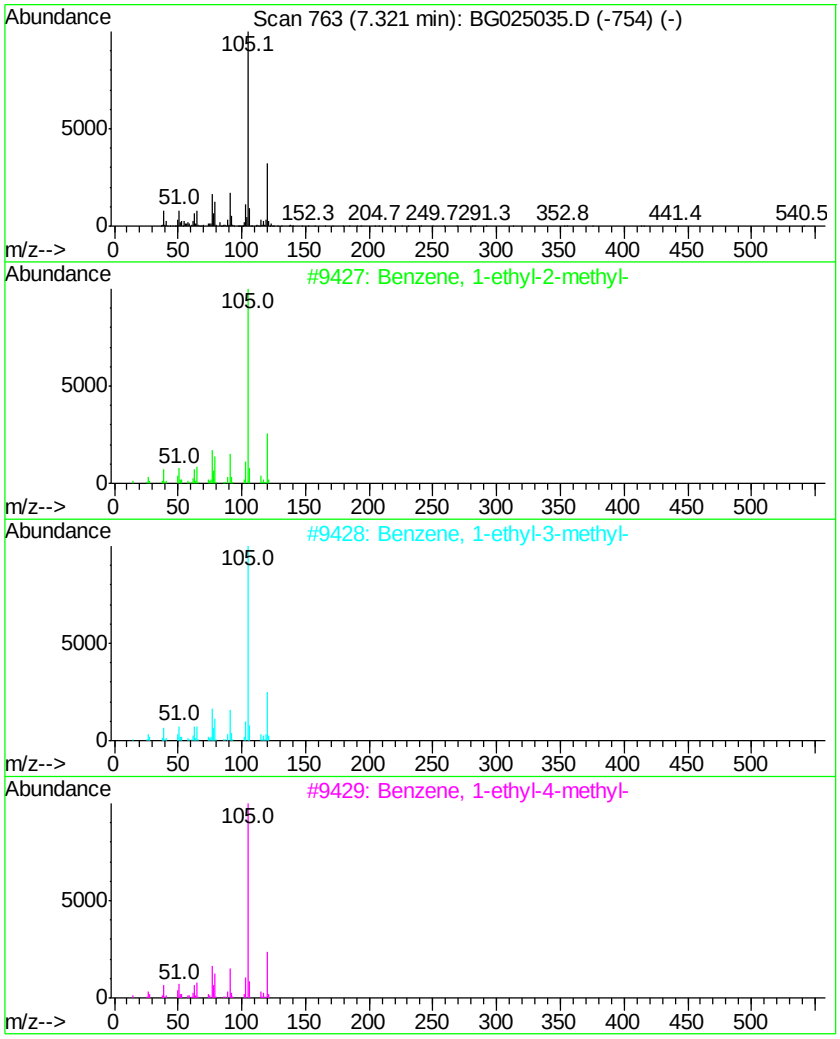
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

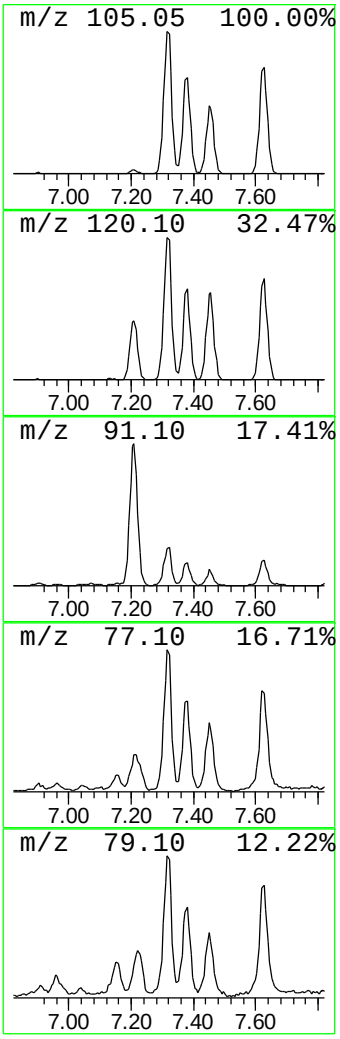
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	16.37 ng/ul	6196410	1,4-Dichlorobenzene-d4	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

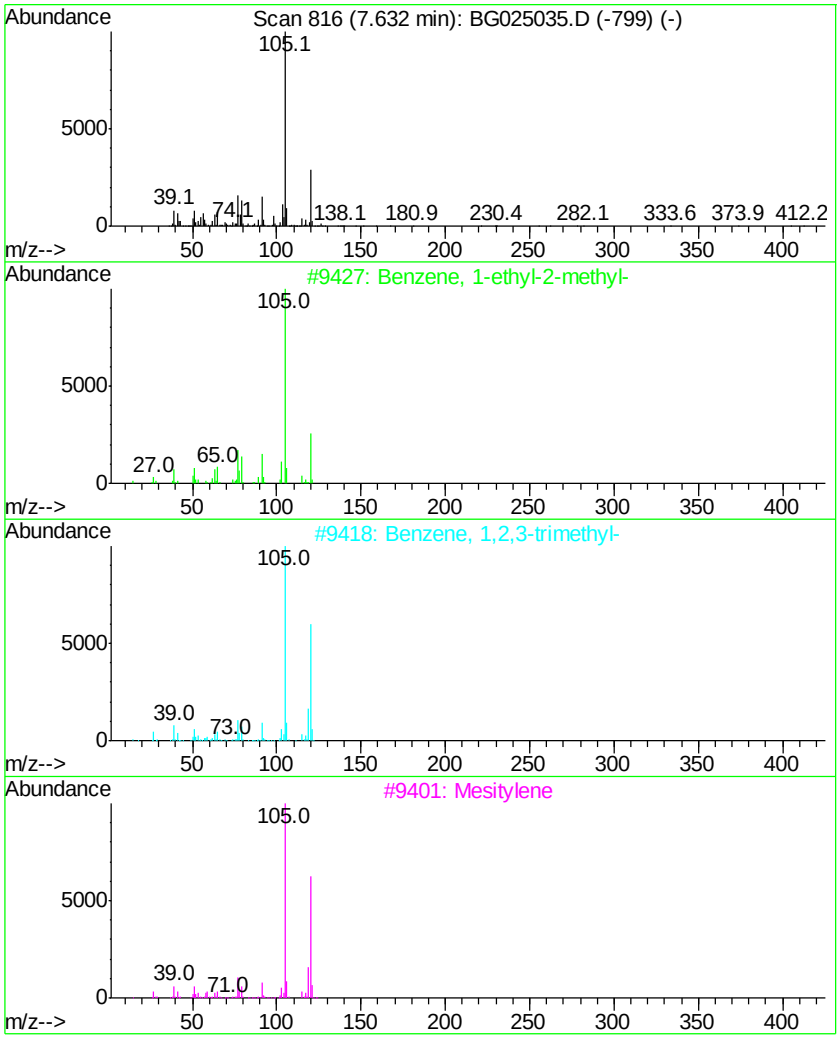
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

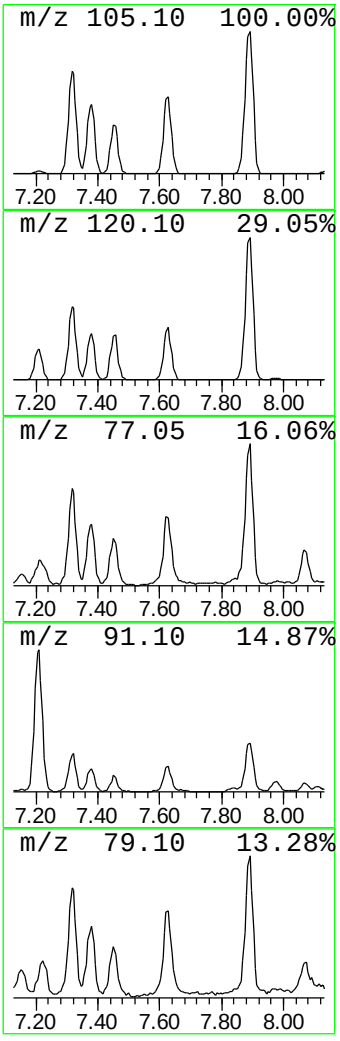
****

Peak Number 4 Mesitylene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	20.51 ng/ul	7761690	1,4-Dichlorobenzene-d4	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90





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Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

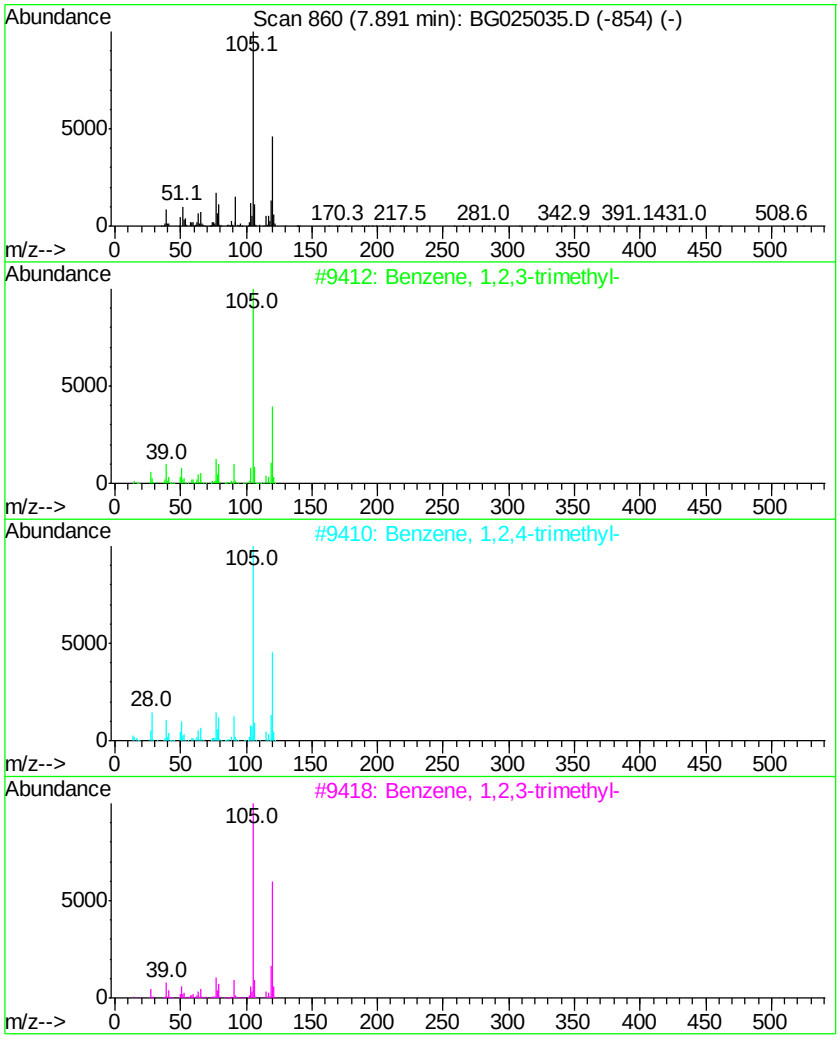
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

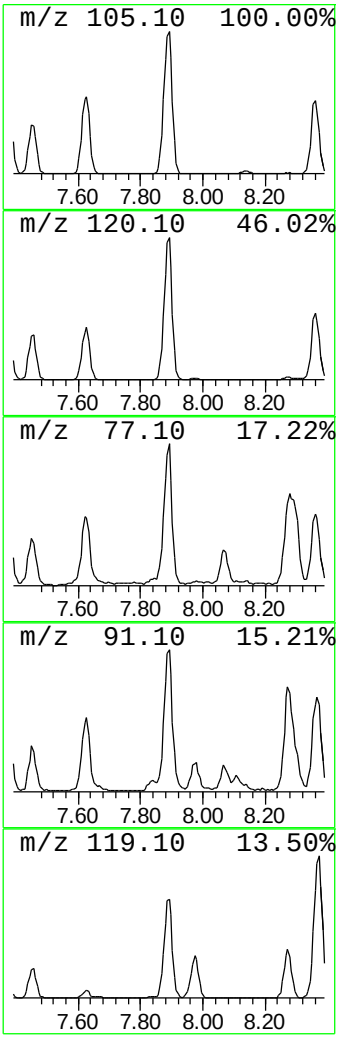
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	27.34 ng/ul	10346600	1,4-Dichlorobenzene-d4	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

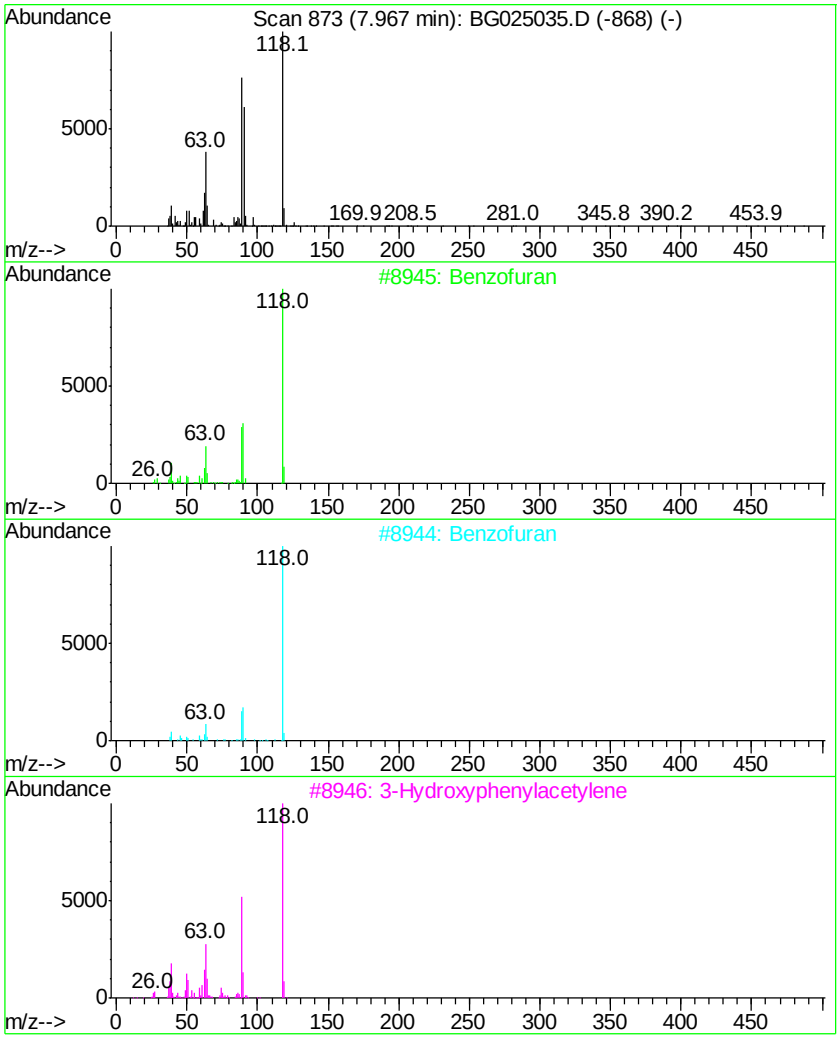
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

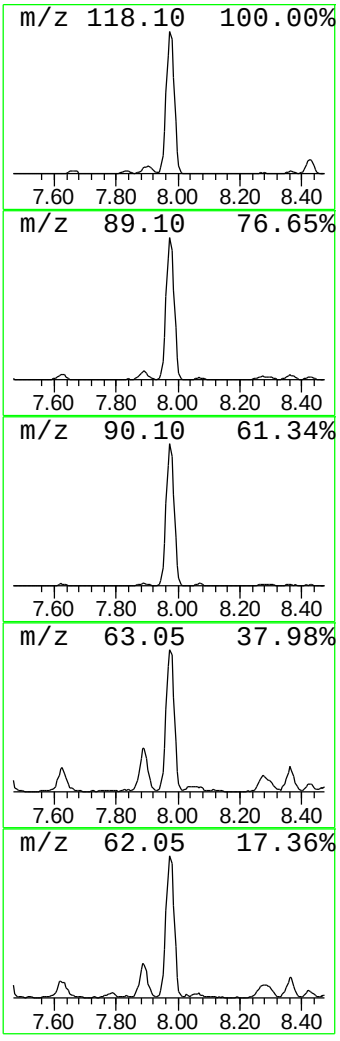
****

Peak Number 6 Benzofuran Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	20.00 ng/ul	7568620	1,4-Dichlorobenzene-d4	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	91
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	64
4	Benzofuran	118	C8H6O	000271-89-6	46
5	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	41





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

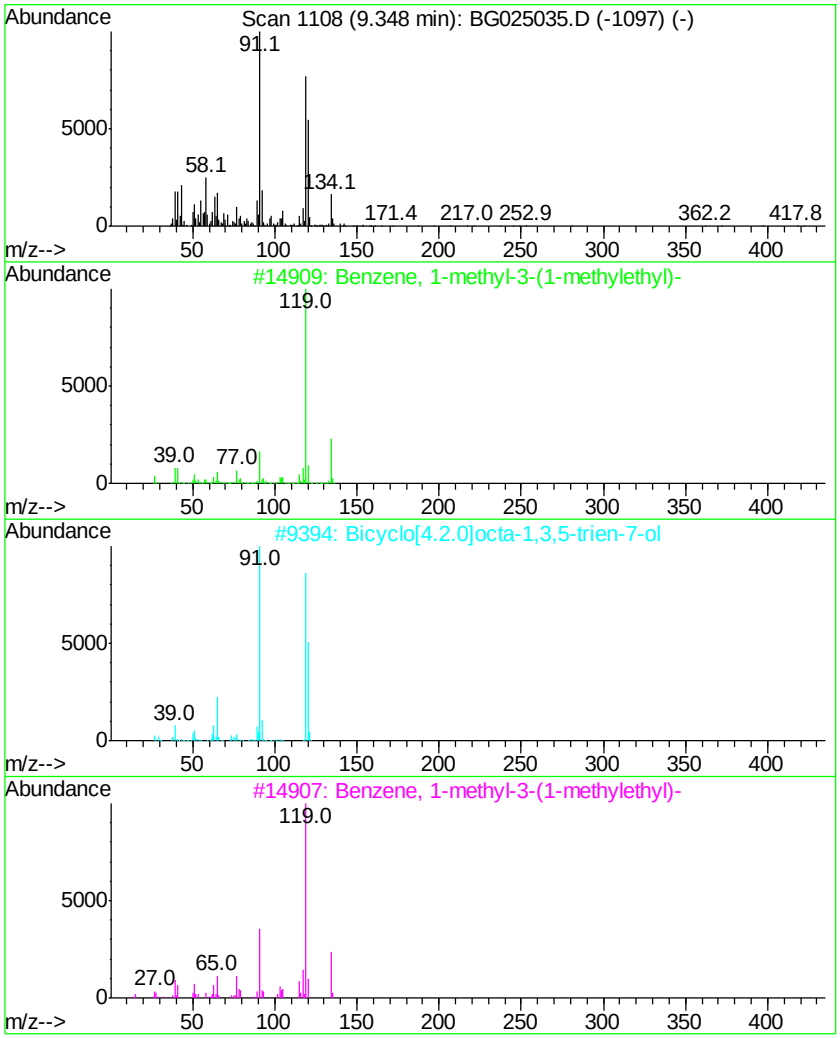
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

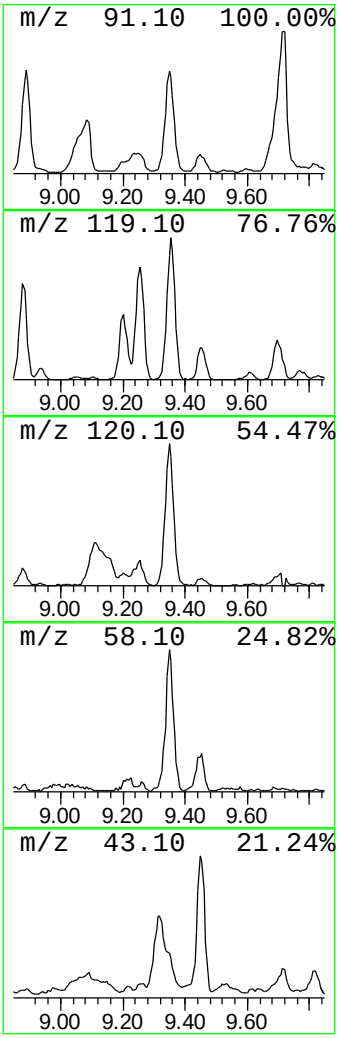
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	30.28 ng/ul	11460300	1,4-Dichlorobenzene-d4	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
2	Bicyclo[4.2.0]octa-1,3,5-trien-7-ol	120	C8H8O	035447-99-5	64
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
5	p-Cymene	134	C10H14	000099-87-6	55





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Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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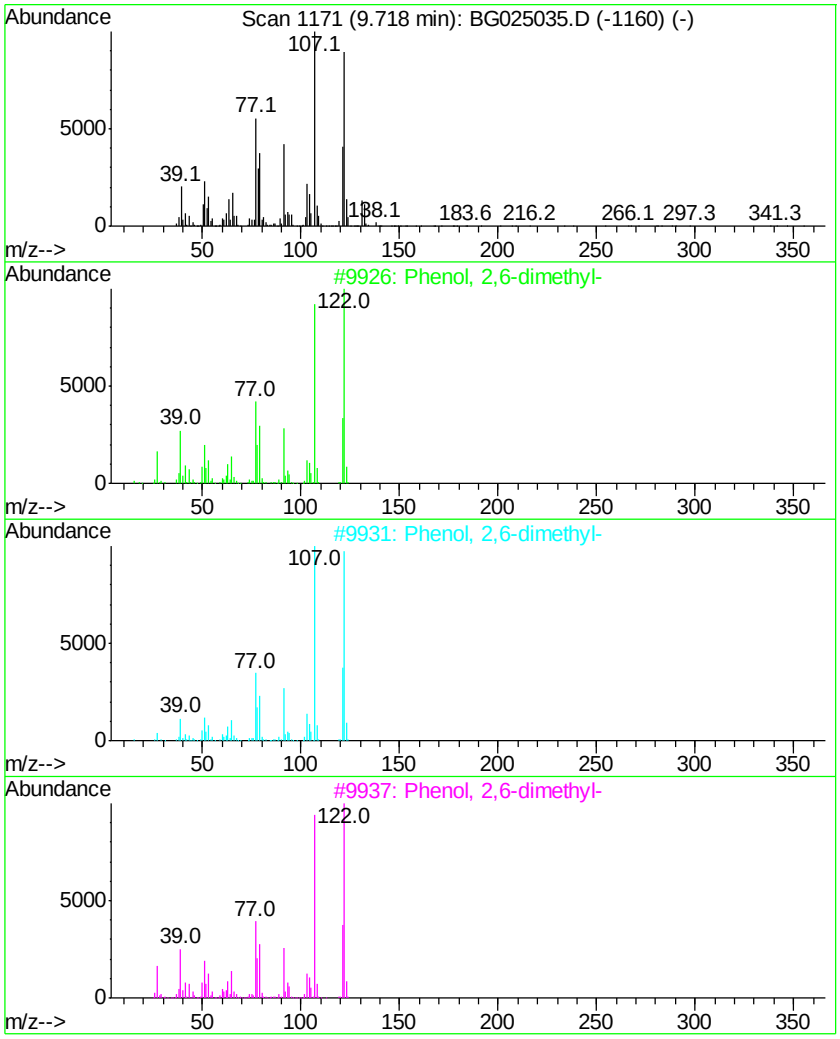
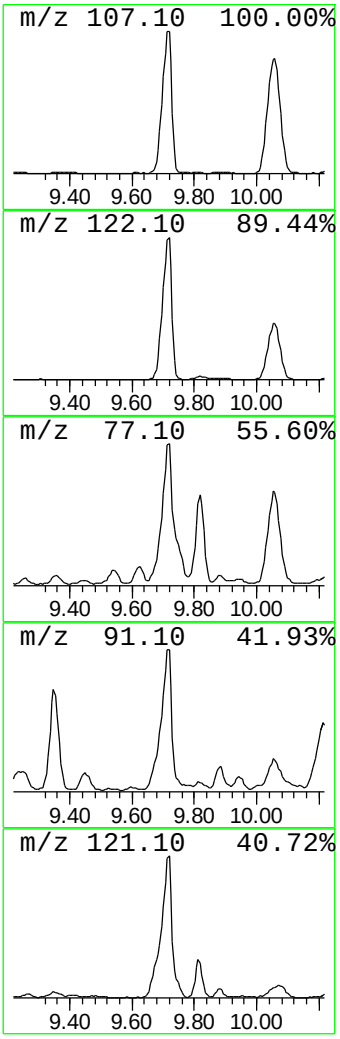
Peak Number 8 Phenol, 2,6-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	30.20 ng/ul	36822700	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	87
5	Phenol, 3,5-dimethyl-, methylcar...	179	C10H13NO2	002655-14-3	87





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Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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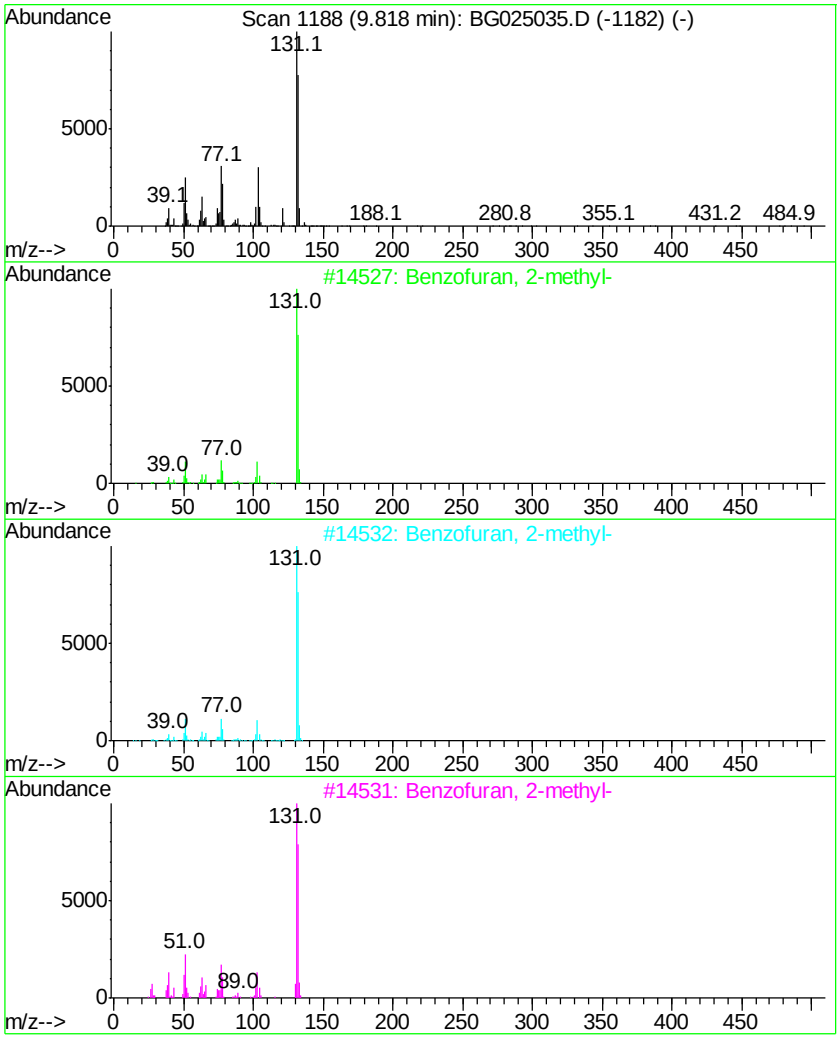
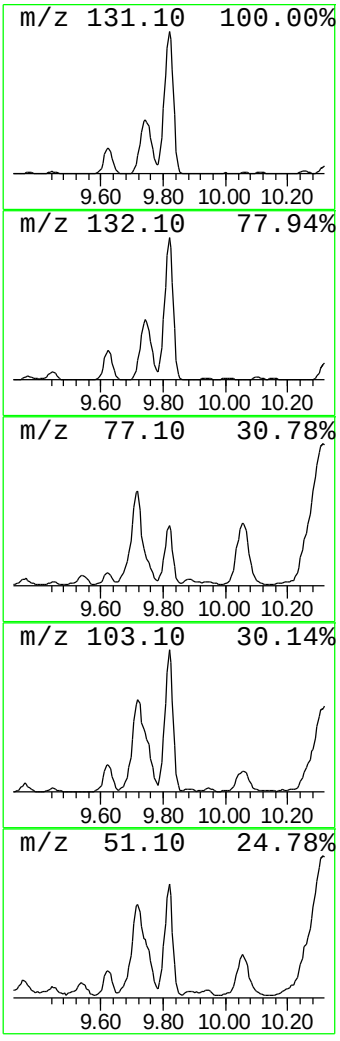
Peak Number 9 Benzofuran, 2-methyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	13.56 ng/ul	16533200	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	93
5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93





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Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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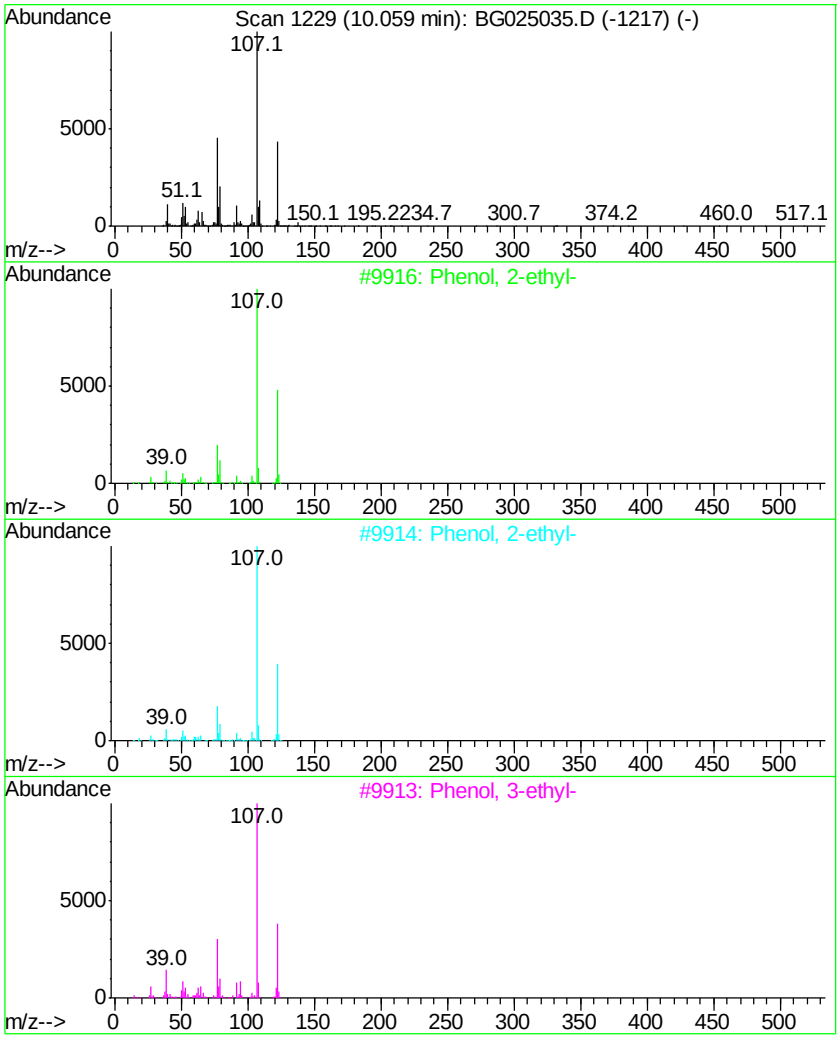
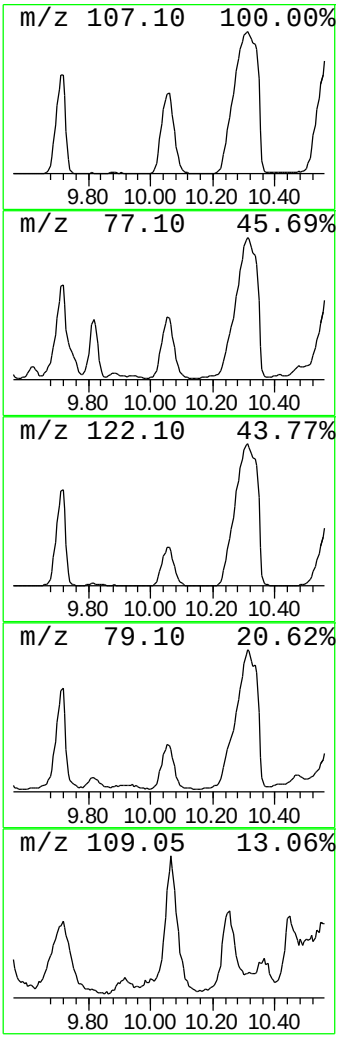
Peak Number 10 Phenol, 2-ethyl- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	12.06 ng/ul	14698000	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	80





Library Search Compound Report

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Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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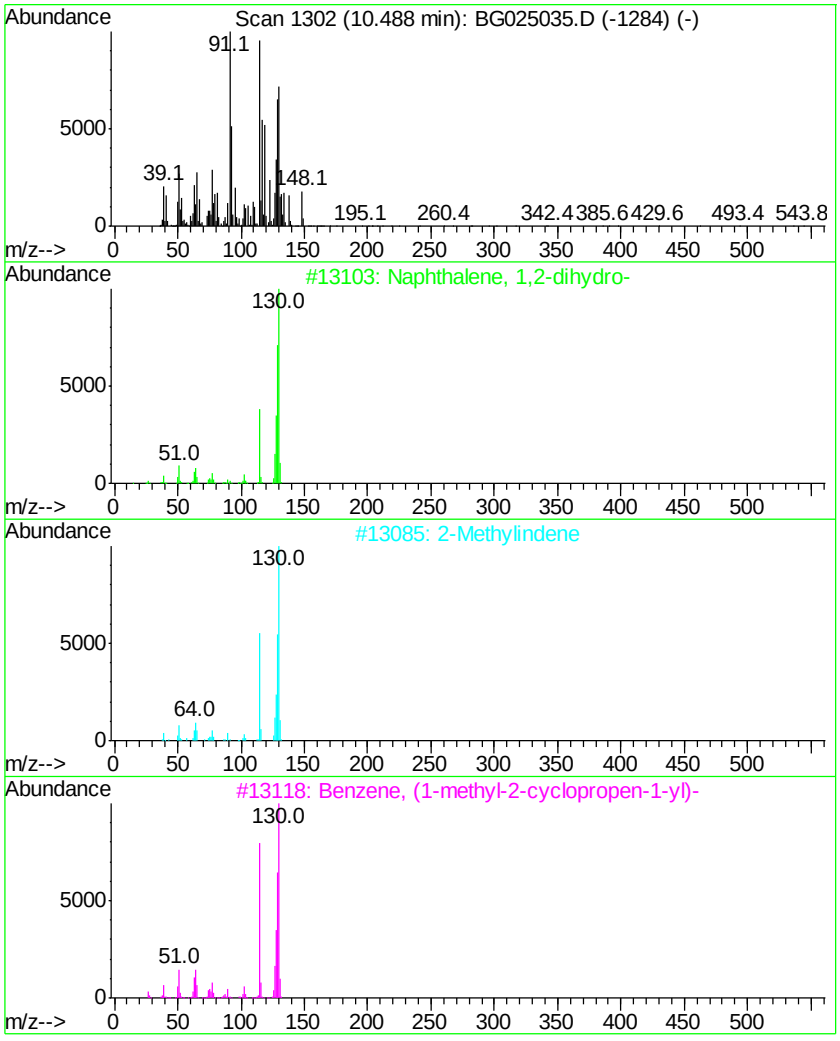
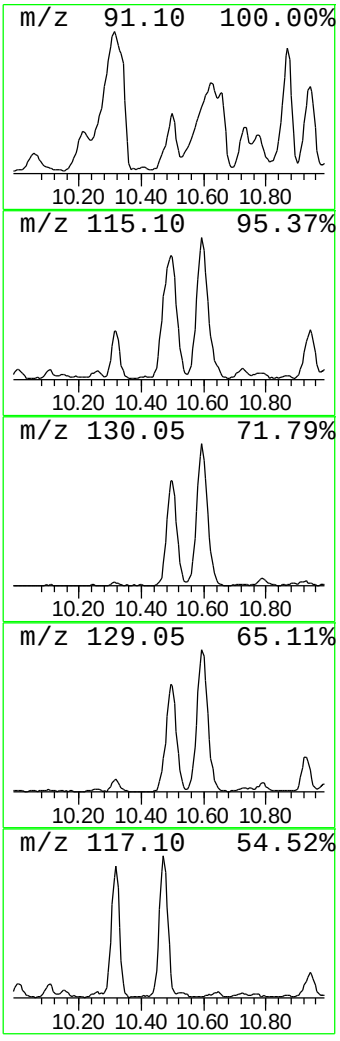
Peak Number 11 Naphthalene, 1,2-dihydro- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	12.12 ng/ul	14772300	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	89
2	2-Methylindene	130	C10H10	002177-47-1	70
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	70
4	2-Methylindene	130	C10H10	002177-47-1	70
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	55





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Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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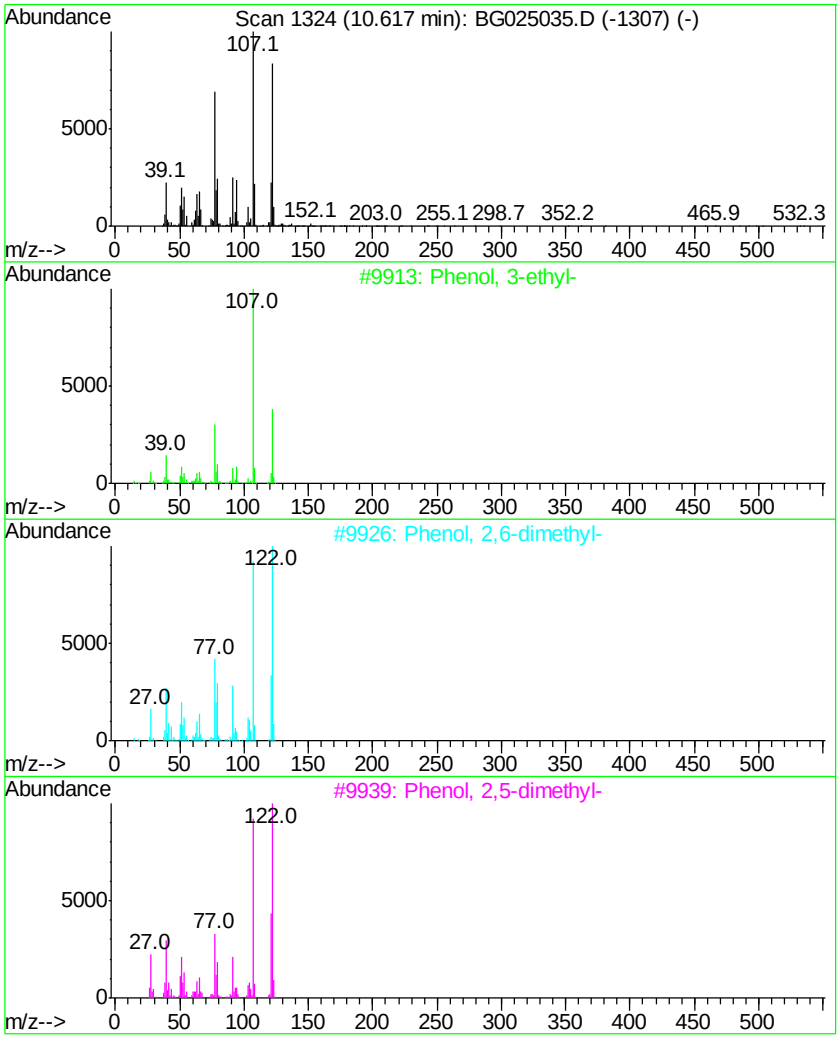
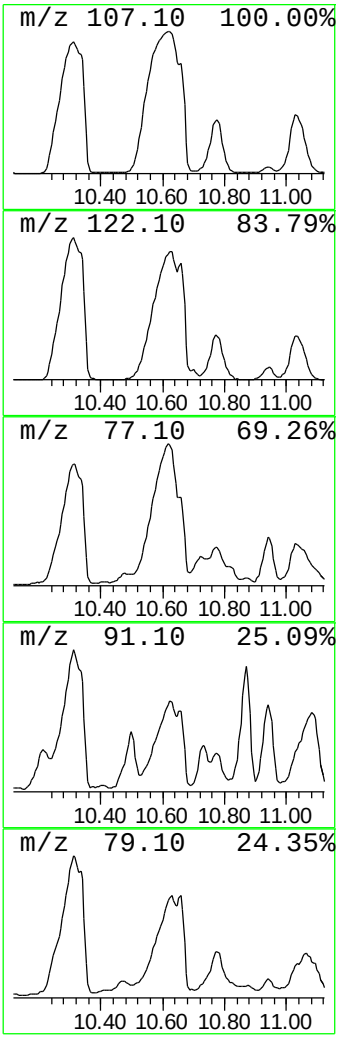
Peak Number 12 Phenol, 3-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	50.32 ng/ul	61351600	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	83
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	81
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	80
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	76
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	74





Library Search Compound Report

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Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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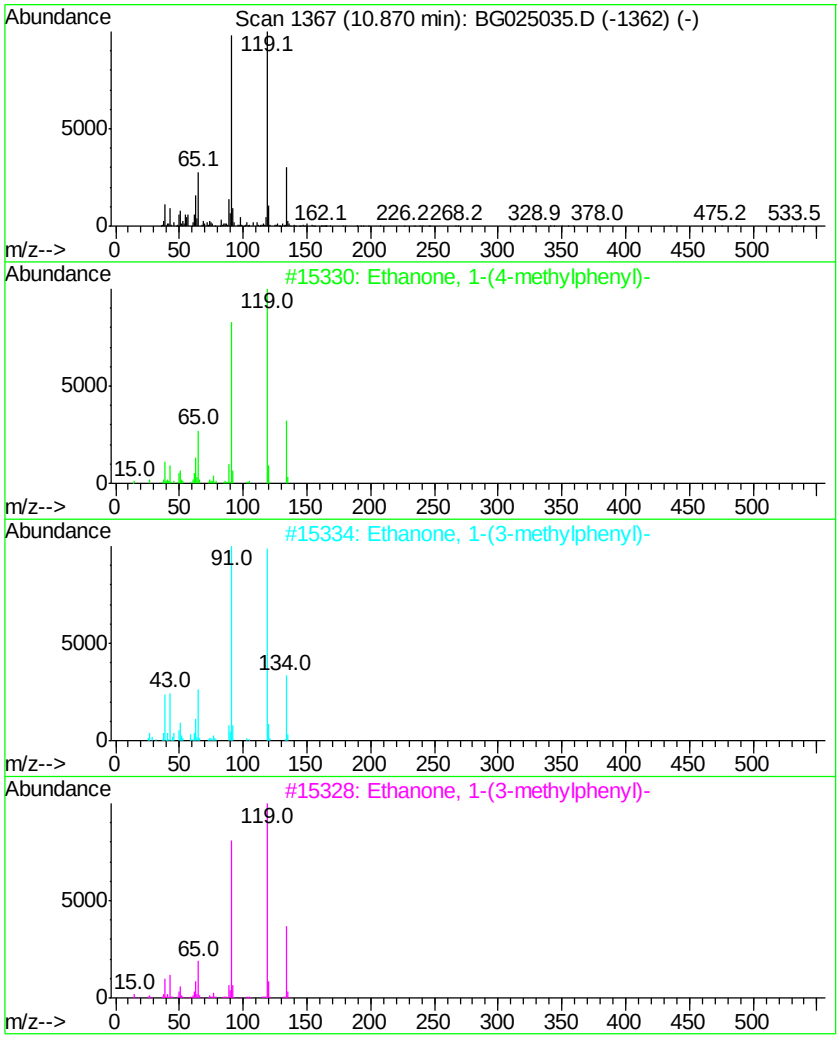
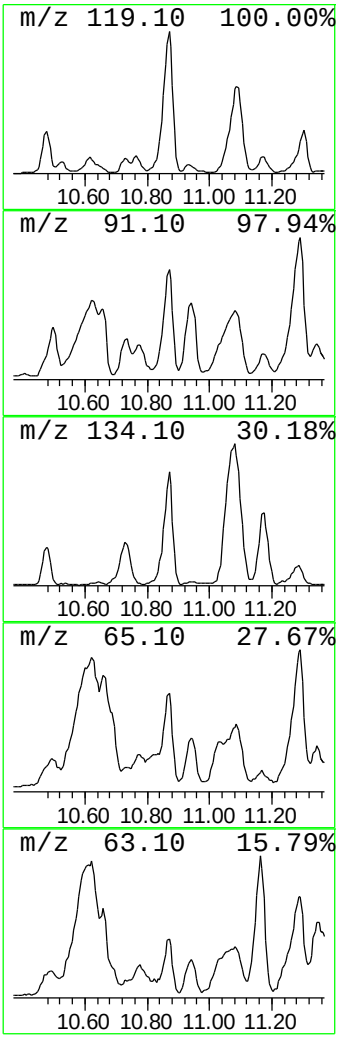
Peak Number 13 Ethanone, 1-(4-methylphenyl)- Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	6.35 ng/ul	7742390	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	95
2	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	94
3	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	94
4	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	91
5	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	91





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Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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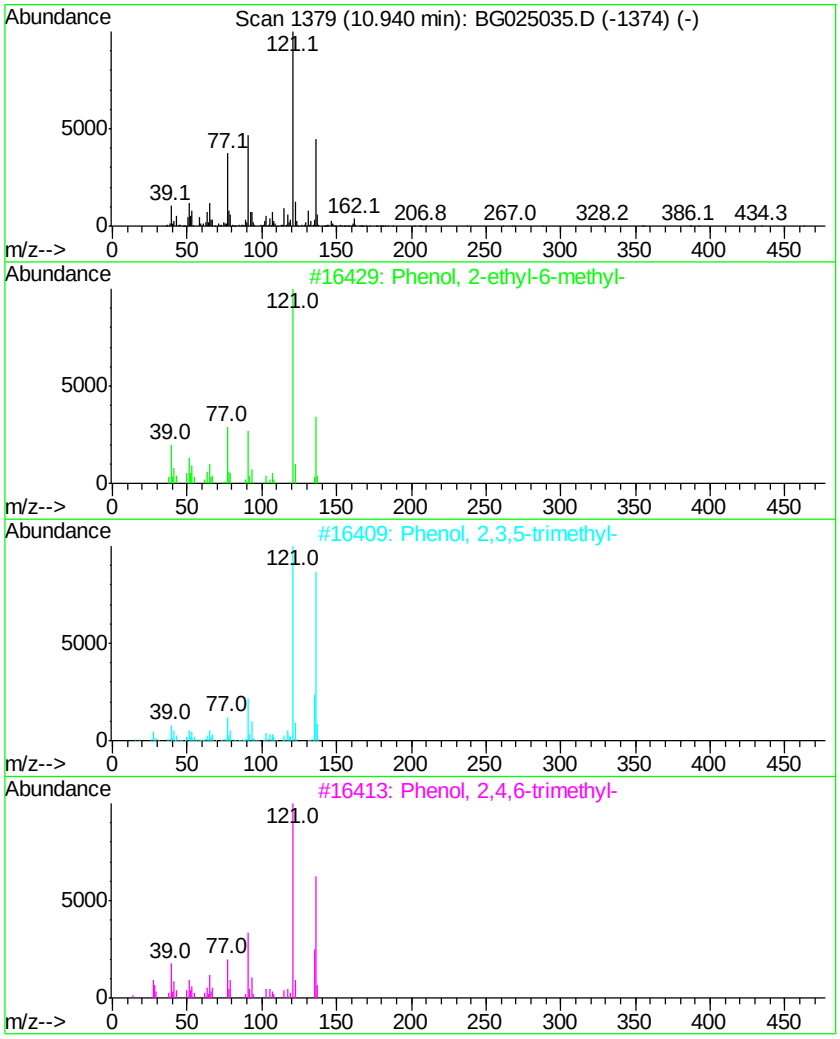
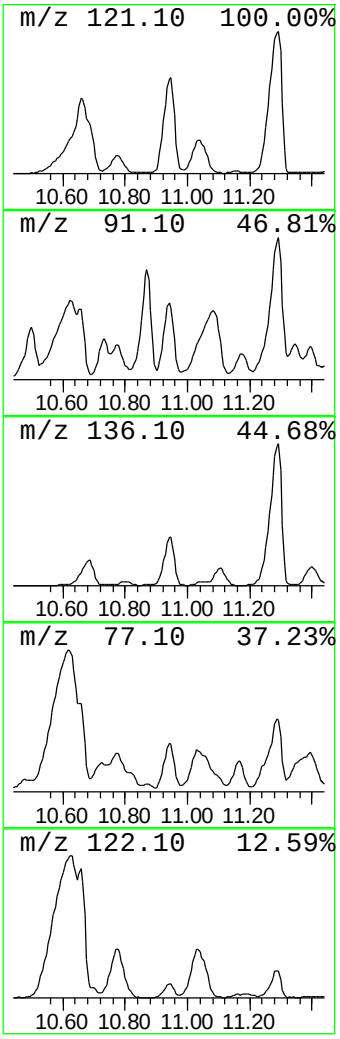
Peak Number 14 Phenol, 2-ethyl-6-methyl- Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	9.67 ng/ul	11791800	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	95
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	87
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	83
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	83
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	81





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Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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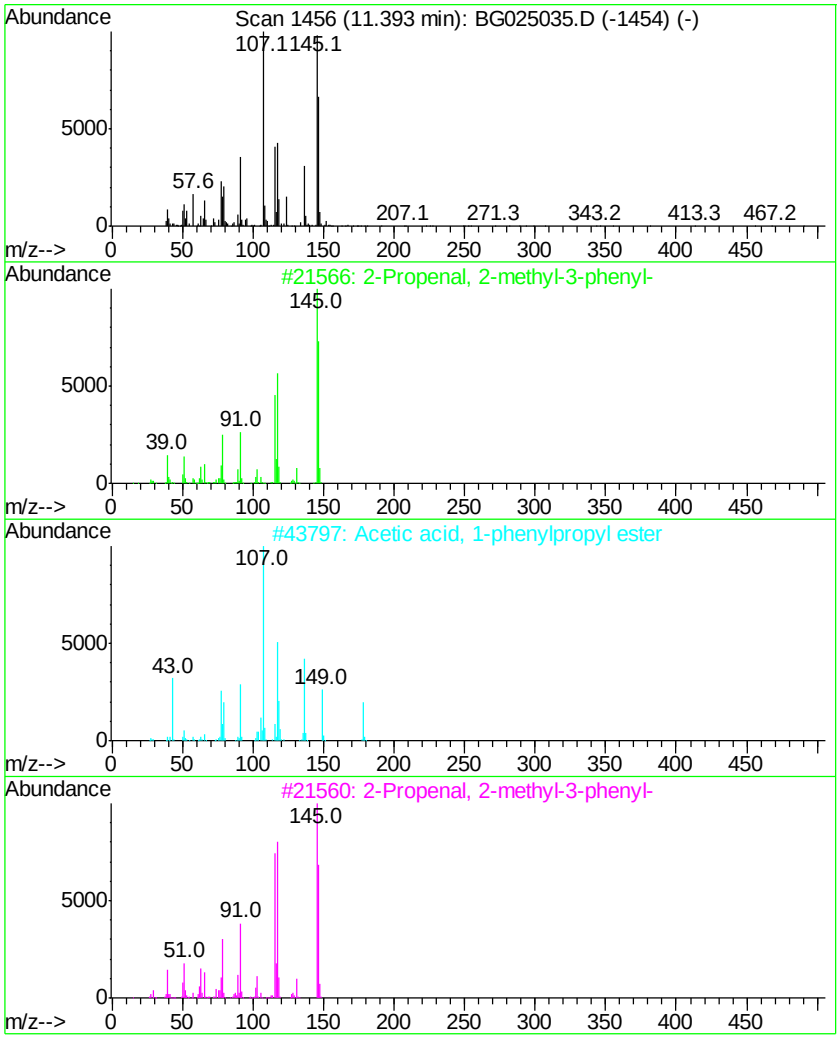
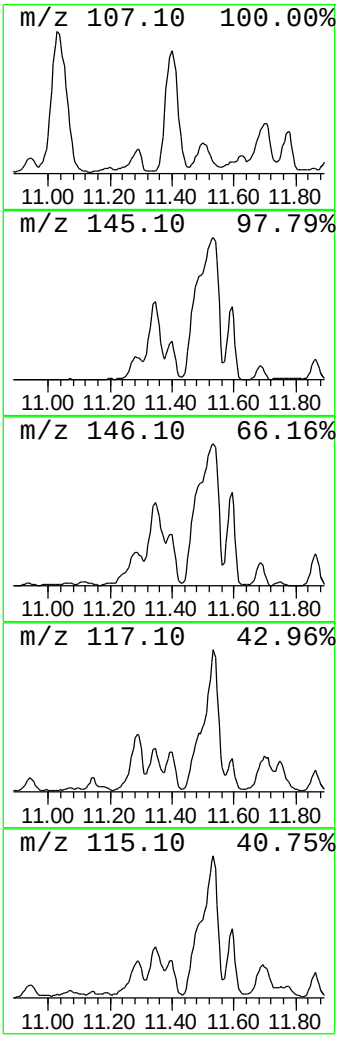
Peak Number 17 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	8.89 ng/ul	10833100	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	53
2	Acetic acid, 1-phenylpropyl ester	178	C11H14O2	1000368-96-3	38
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	35
4	Cinnamaldehyde, .beta.-methyl-	146	C10H10O	001196-67-4	30
5	Benzenemethanol, .alpha.-ethyl-	136	C9H12O	000093-54-9	27





Library Search Compound Report

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Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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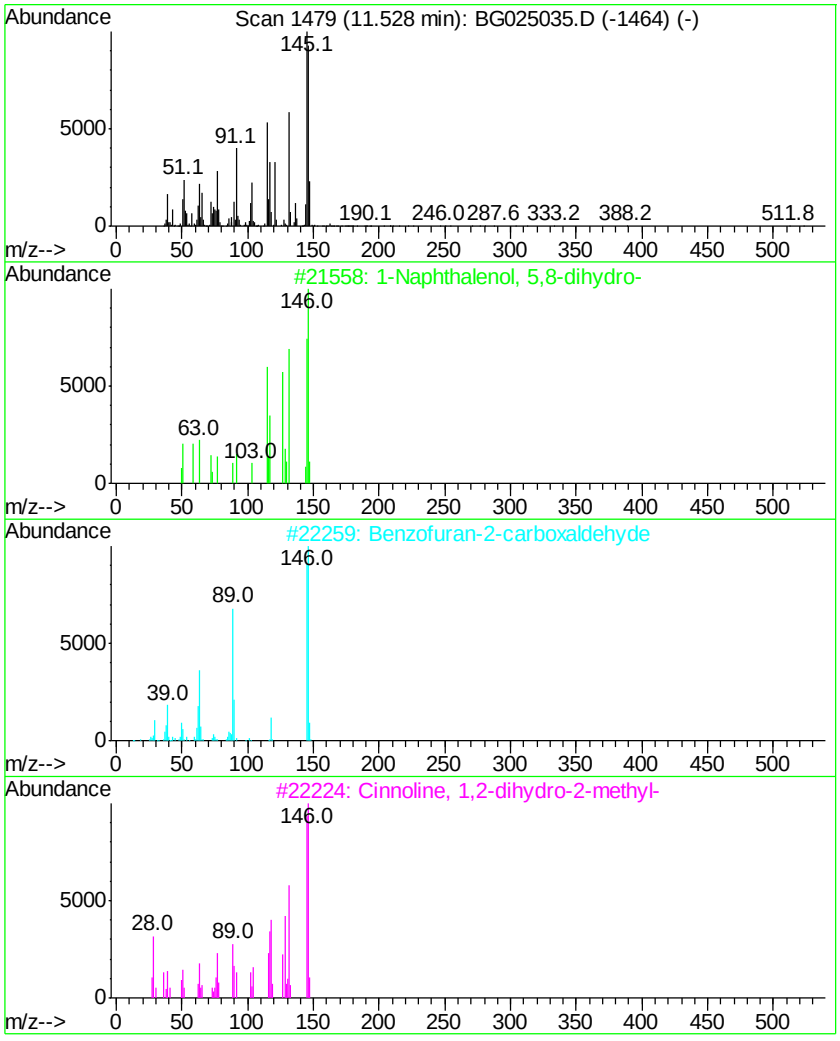
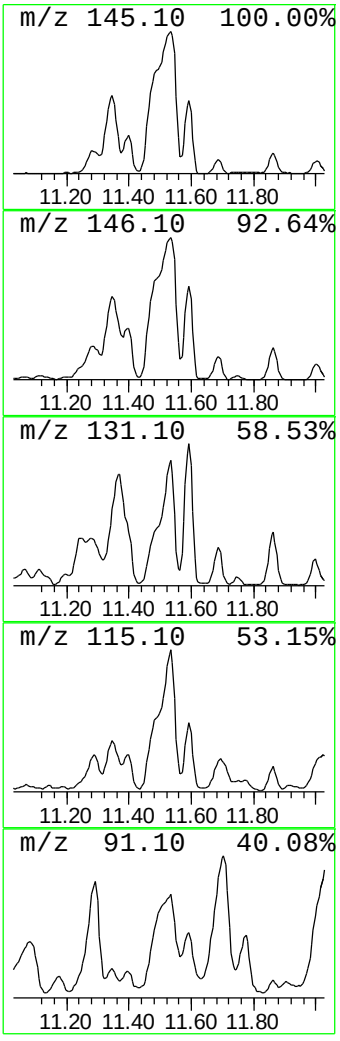
Peak Number 18 1-Naphthalenol, 5,8-dihydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	74.15 ng/ul	90401900	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	64
2	Benzofuran-2-carboxaldehyde	146	C9H6O2	004265-16-1	55
3	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	49
4	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	49
5	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	43





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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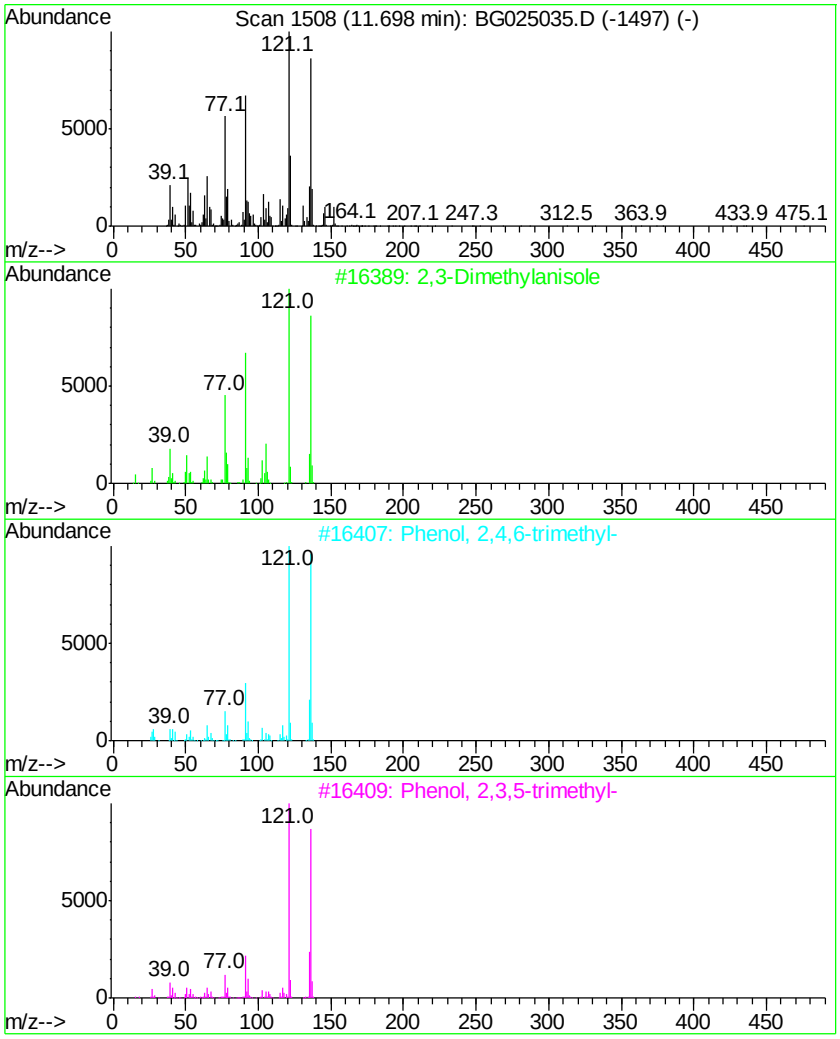
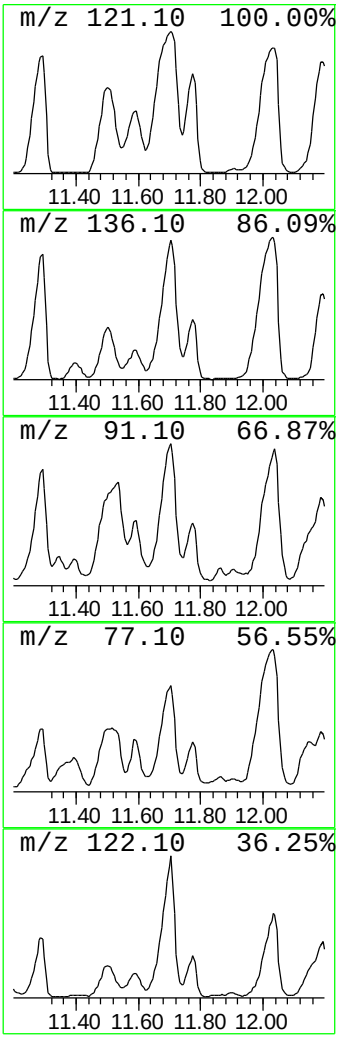
Peak Number 20 2,3-Dimethylanisole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	52.19 ng/ul	63625400	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethylanisole	136	C9H12O	002944-49-2	76
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	68
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	68
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	68
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	68





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Sample : H5863-03
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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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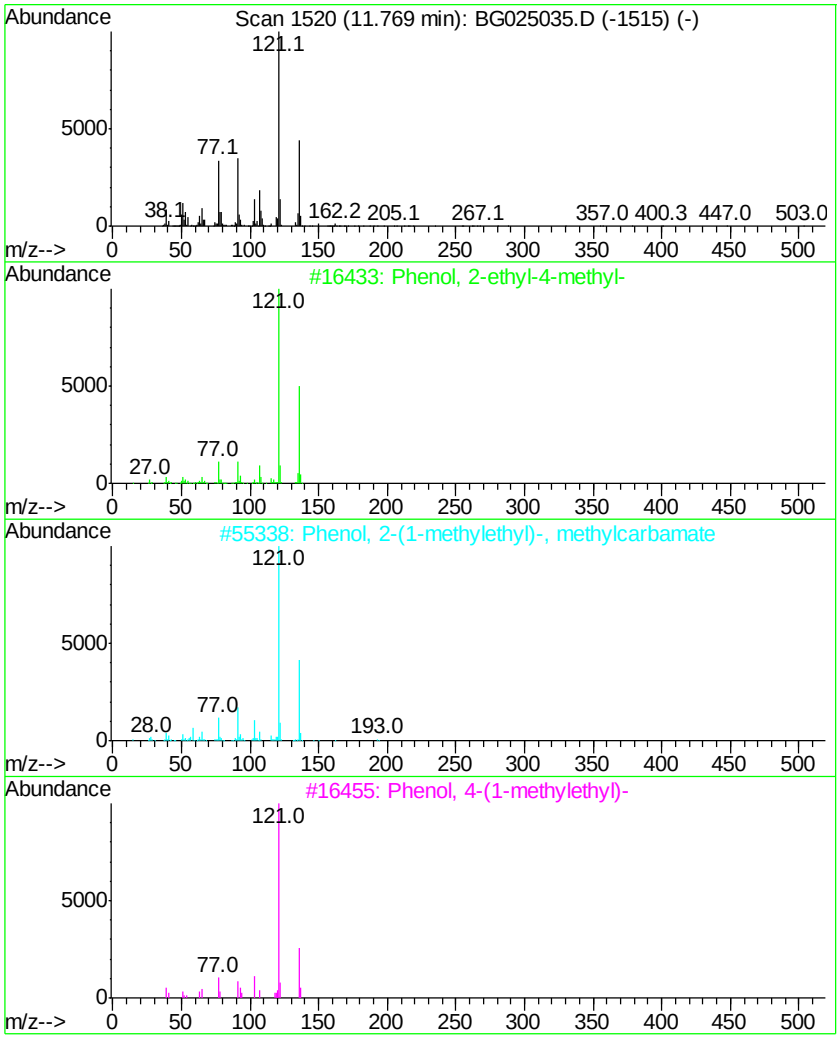
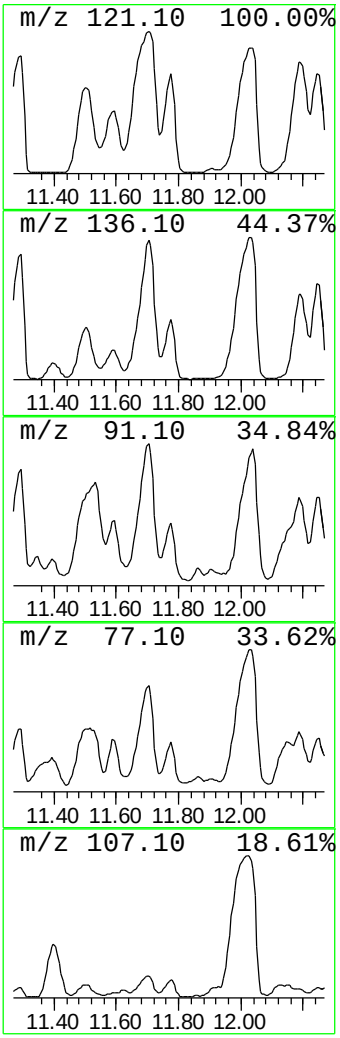
Peak Number 21 Phenol, 2-ethyl-4-methyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	14.00 ng/ul	17073000	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87
2	Phenol, 2-(1-methylethyl)-, meth...	193	C11H15NO2	002631-40-5	86
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	83
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80





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Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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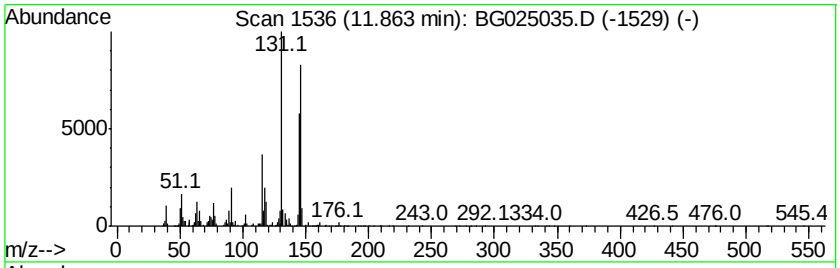
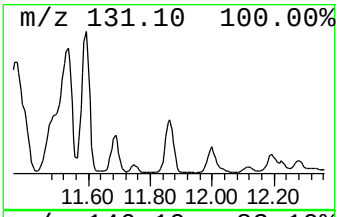
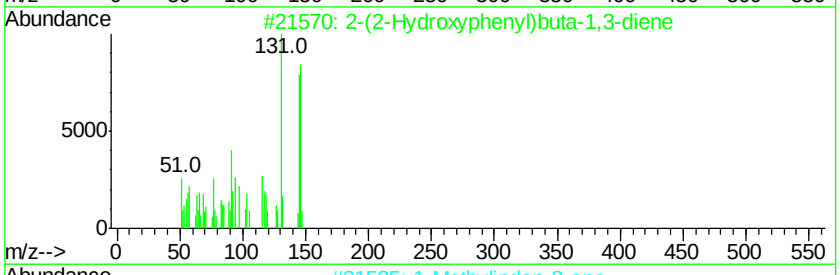
Peak Number 22 2-(2-Hydroxyphenyl)buta-1,3... Concentration Rank 80

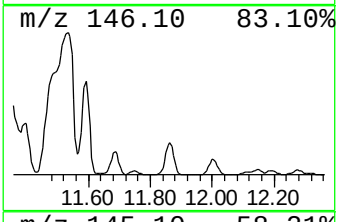
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.43 ng/ul	6618540	Naphthalene-d8	11.10

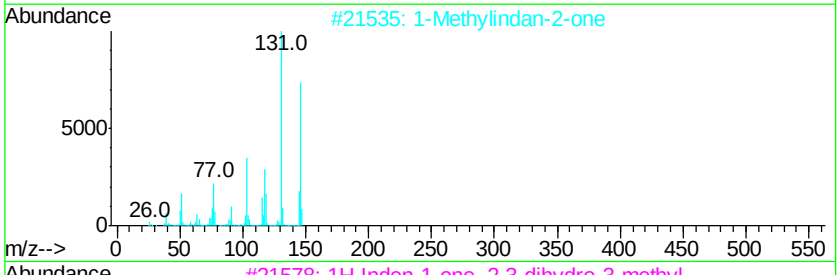
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	90
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	81
3	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	81
4	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	72
5	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	59

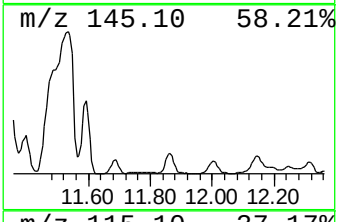


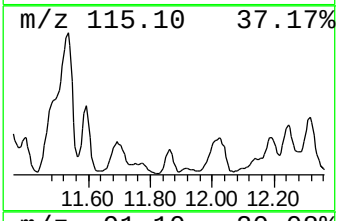


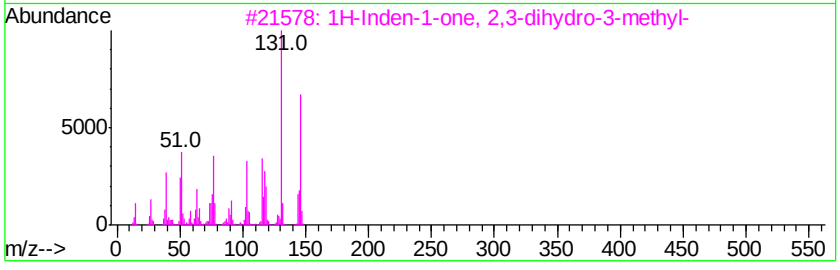


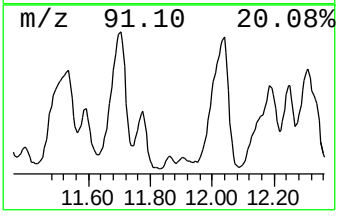












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

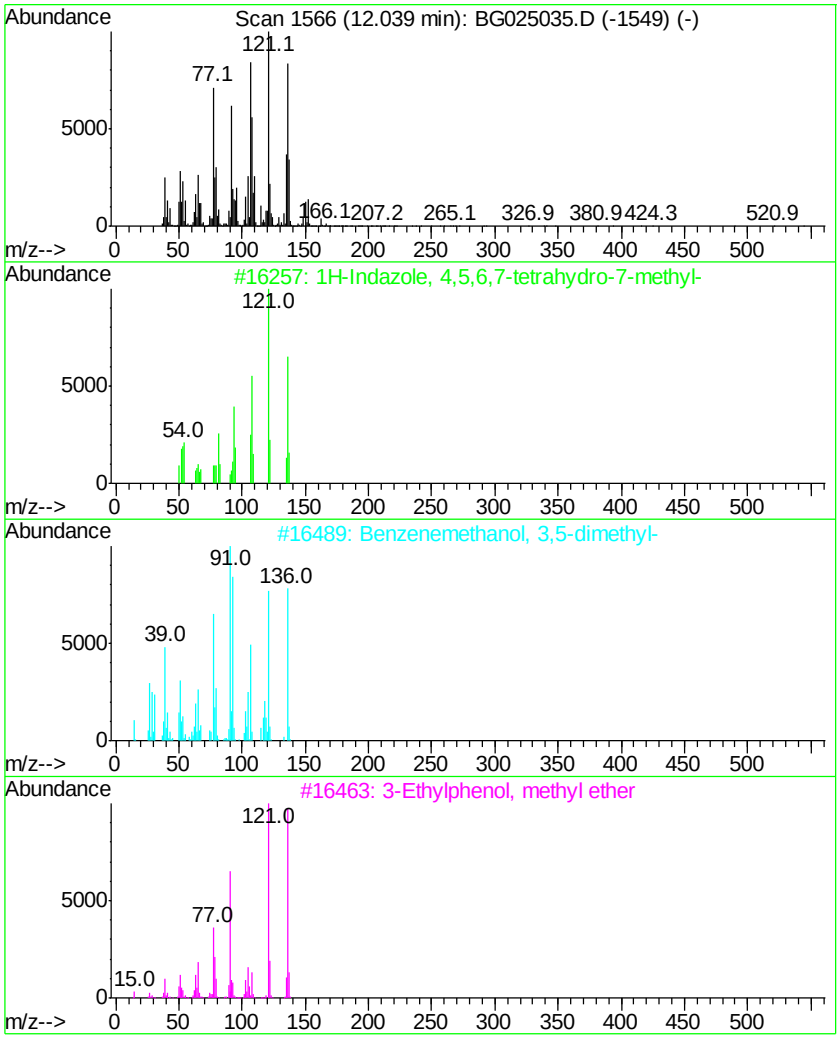
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

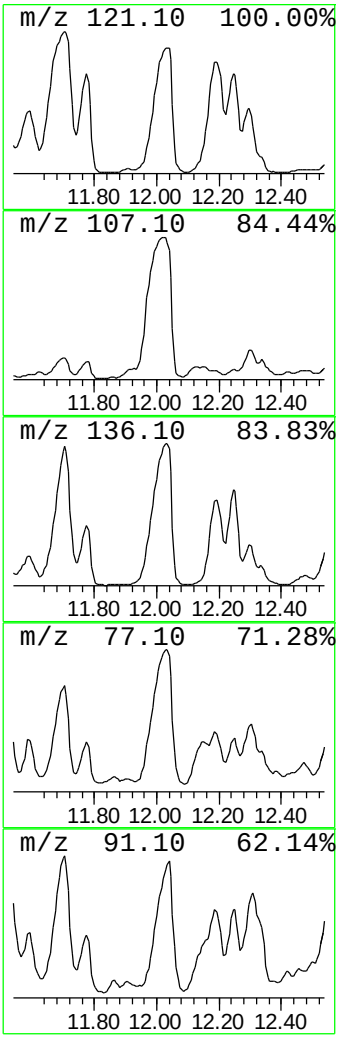
****

Peak Number 23 1H-Indazole, 4,5,6,7-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	85.01 ng/ul	103646000	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 4,5,6,7-tetrahydro-...	136	C8H12N2	032286-94-5	62
2	Benzenemethanol, 3,5-dimethyl-	136	C9H12O	027129-87-9	46
3	3-Ethylphenol, methyl ether	136	C9H12O	1000333-41-0	45
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	43
5	3,4-Dimethylanisole	136	C9H12O	004685-47-6	43





Library Search Compound Report

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Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

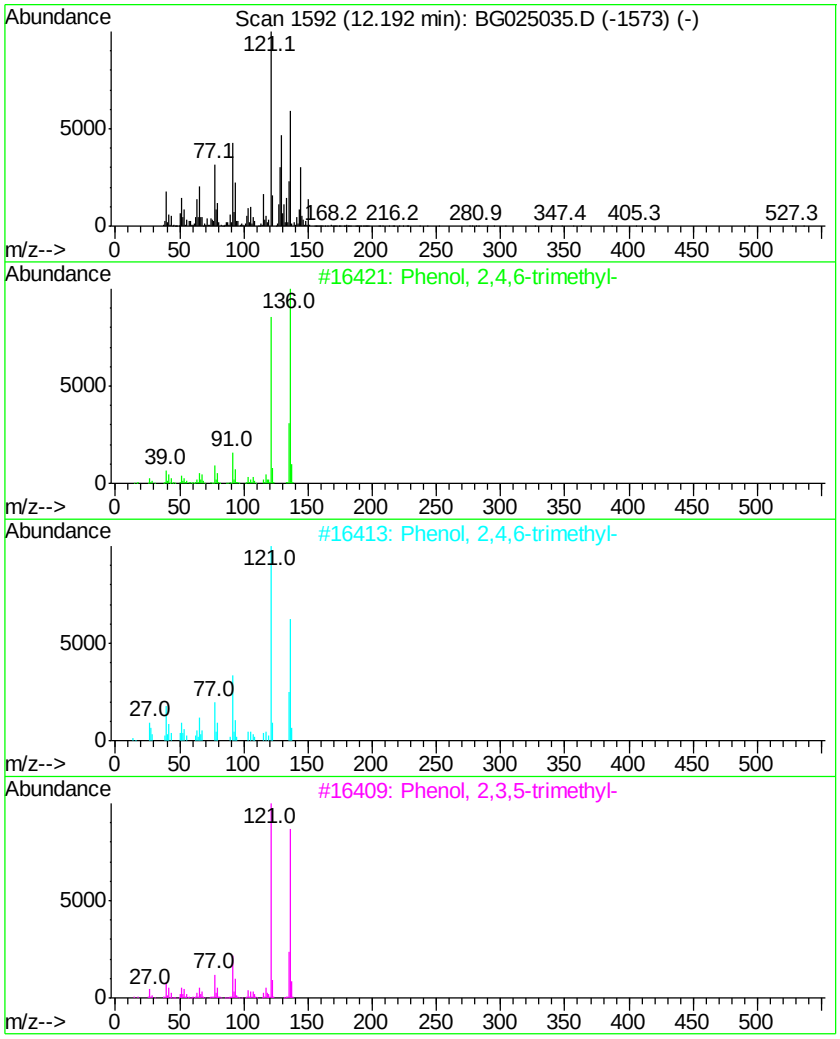
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

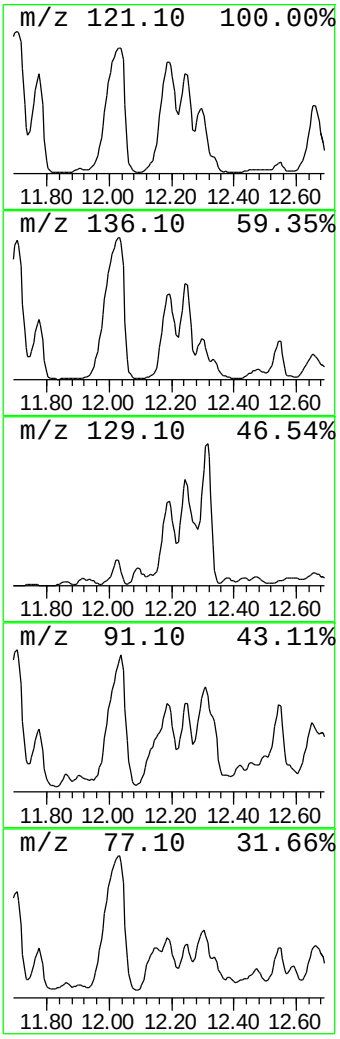
****

Peak Number 24 Phenol, 2,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	58.87 ng/ul	71770800	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	64
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	64
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	50
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	50
5	Ethanone, 1-(2-hydroxyphenyl)-	136	C8H8O2	000118-93-4	46





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Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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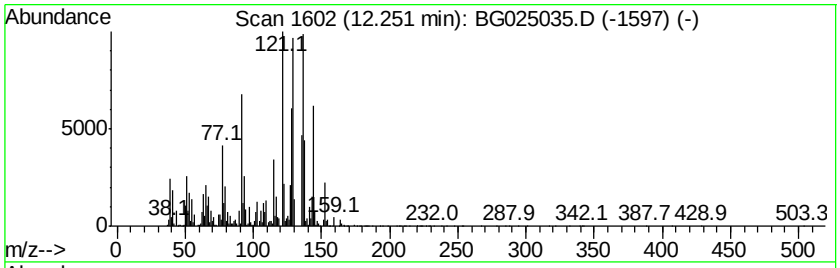
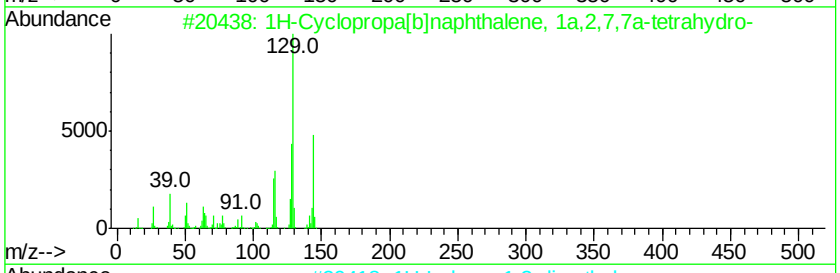
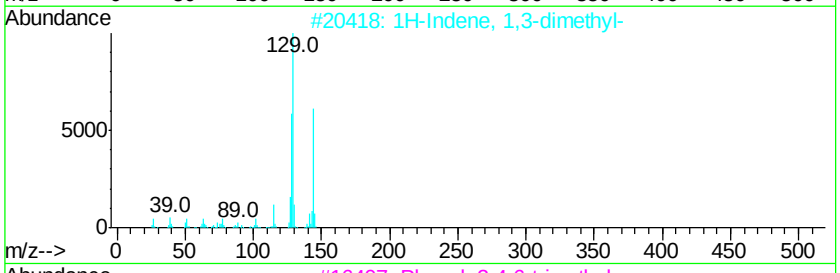
Peak Number 25 1H-Cyclopropa[b]naphthalene... Concentration Rank 42

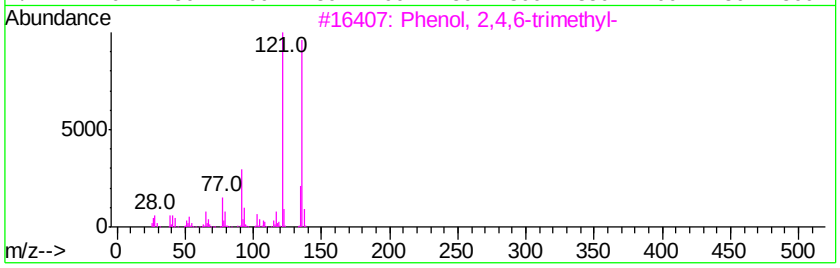
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	21.95 ng/ul	26761800	Naphthalene-d8	11.10

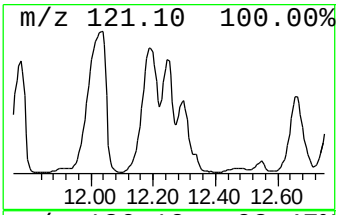
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	56
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	42
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	42
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	42
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	42

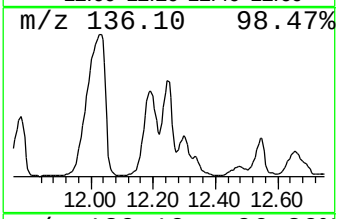


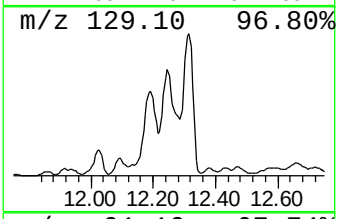


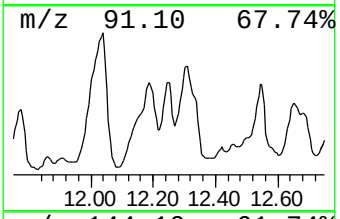


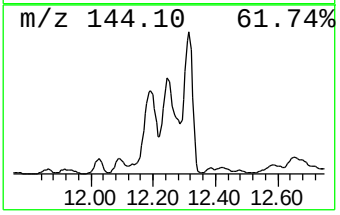












Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
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Acq On : 9 Dec 2016 12:09
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Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

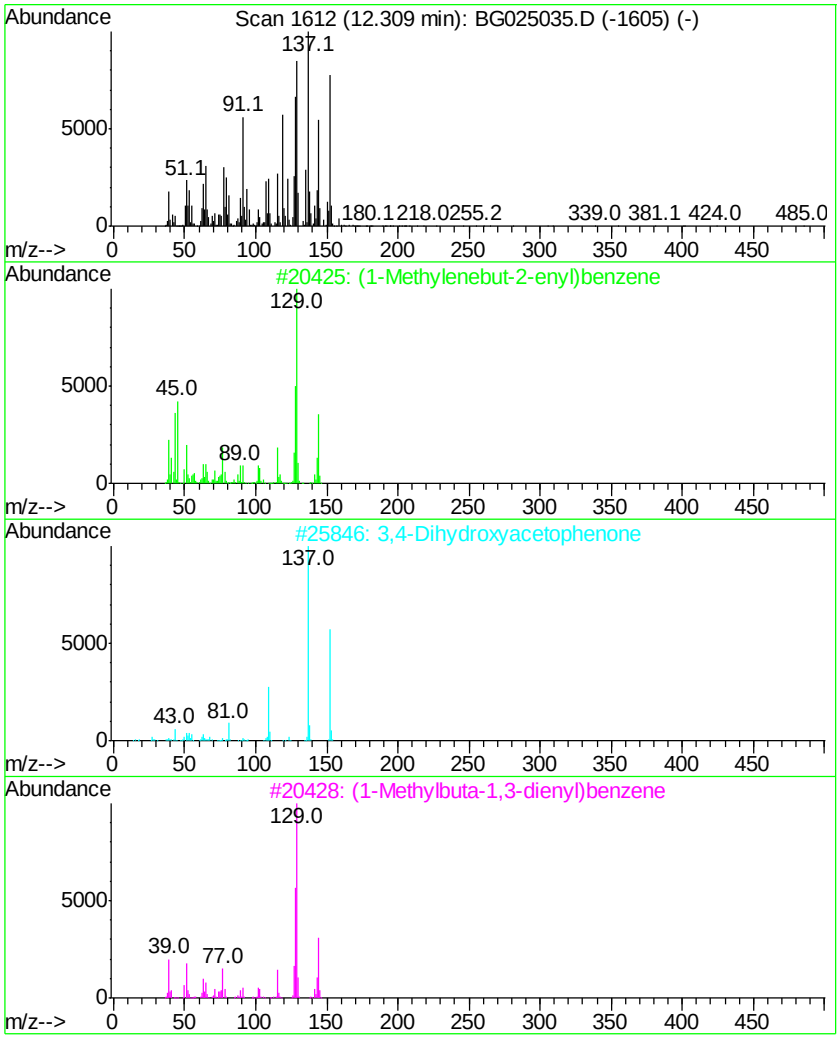
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

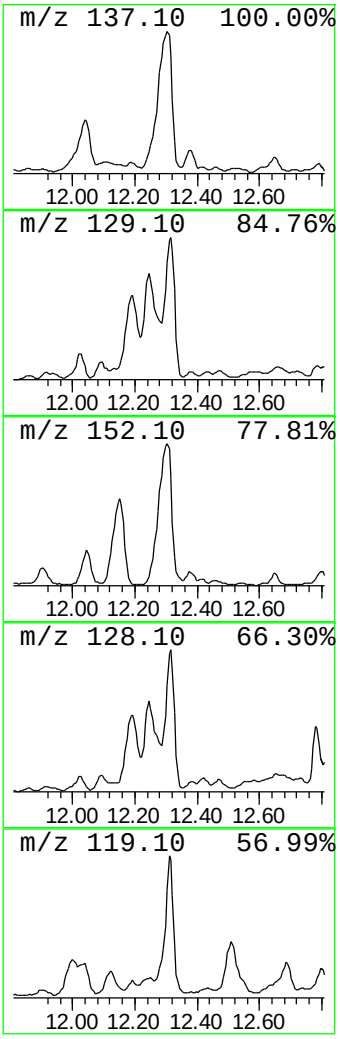
****

Peak Number 26 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	51.27 ng/ul	62509000	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	41
2	3,4-Dihydroxyacetophenone	152	C8H8O3	001197-09-7	38
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	30
4	Ethanone, 1-(2,5-dihydroxyphenyl)-	152	C8H8O3	000490-78-8	30
5	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	30





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Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

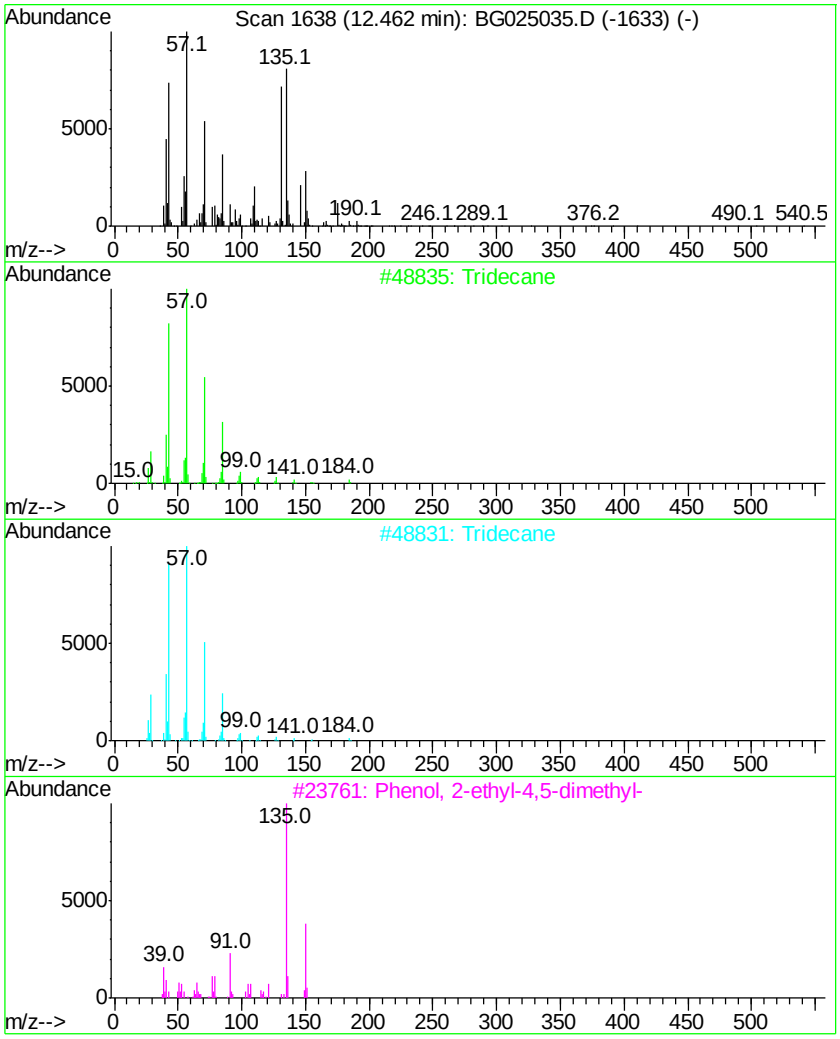
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

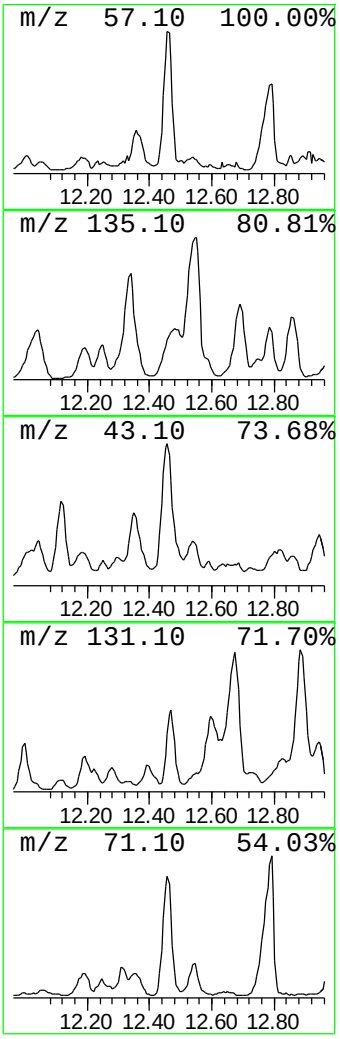
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	8.75 ng/ul	10669800	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	56
2	Tridecane	184	C13H28	000629-50-5	44
3	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	30
4	Thymol	150	C10H14O	000089-83-8	30
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	30





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Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

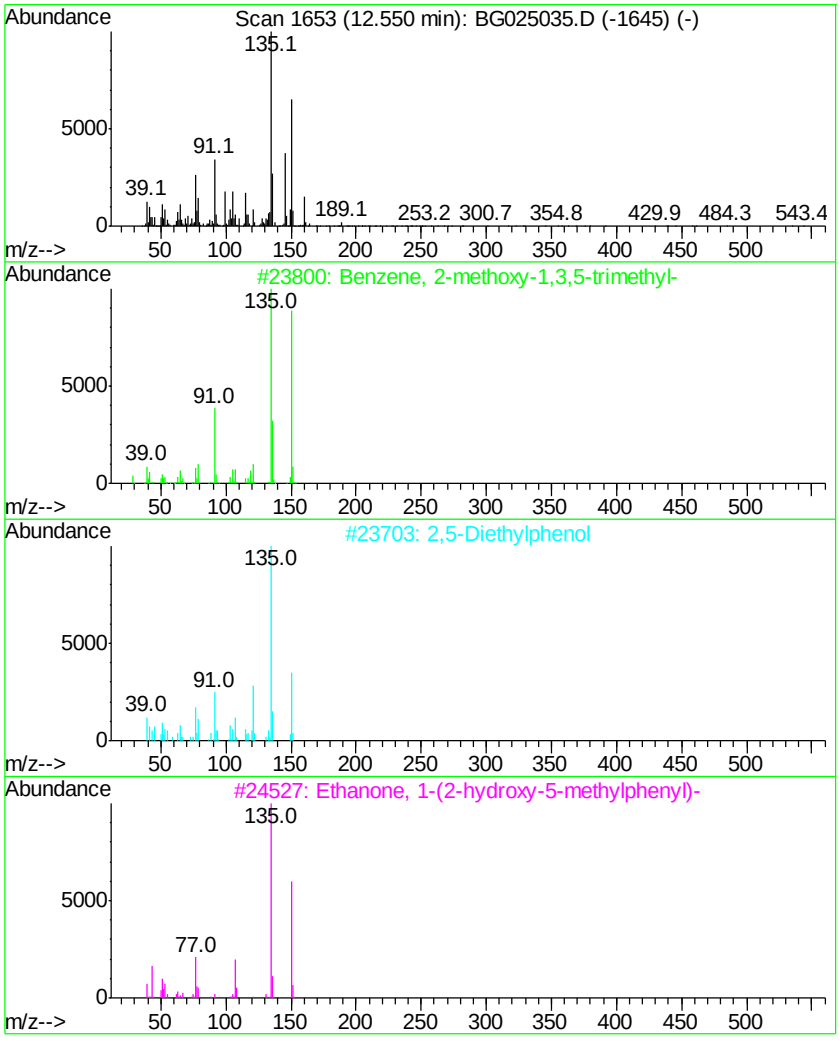
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

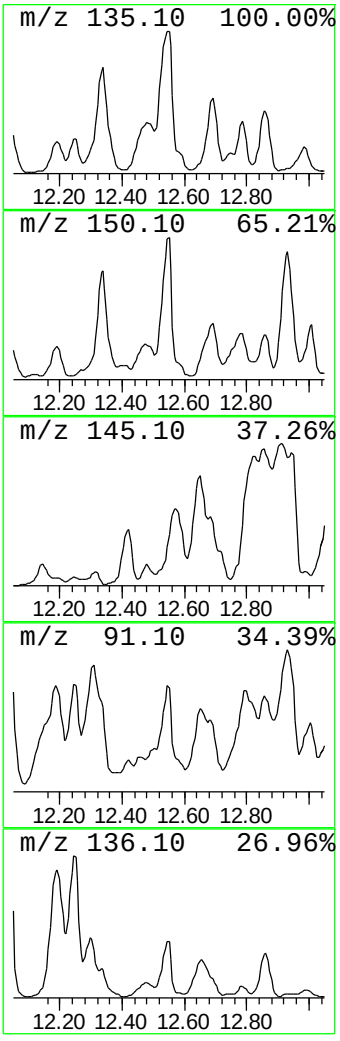
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 2-methoxy-1,3,5-tr... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	17.70 ng/ul	21582300	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-methoxy-1,3,5-trimethyl-	150	C10H14O	004028-66-4	64
2	2,5-Diethylphenol	150	C10H14O	000876-20-0	62
3	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	62
4	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	62
5	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	62





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Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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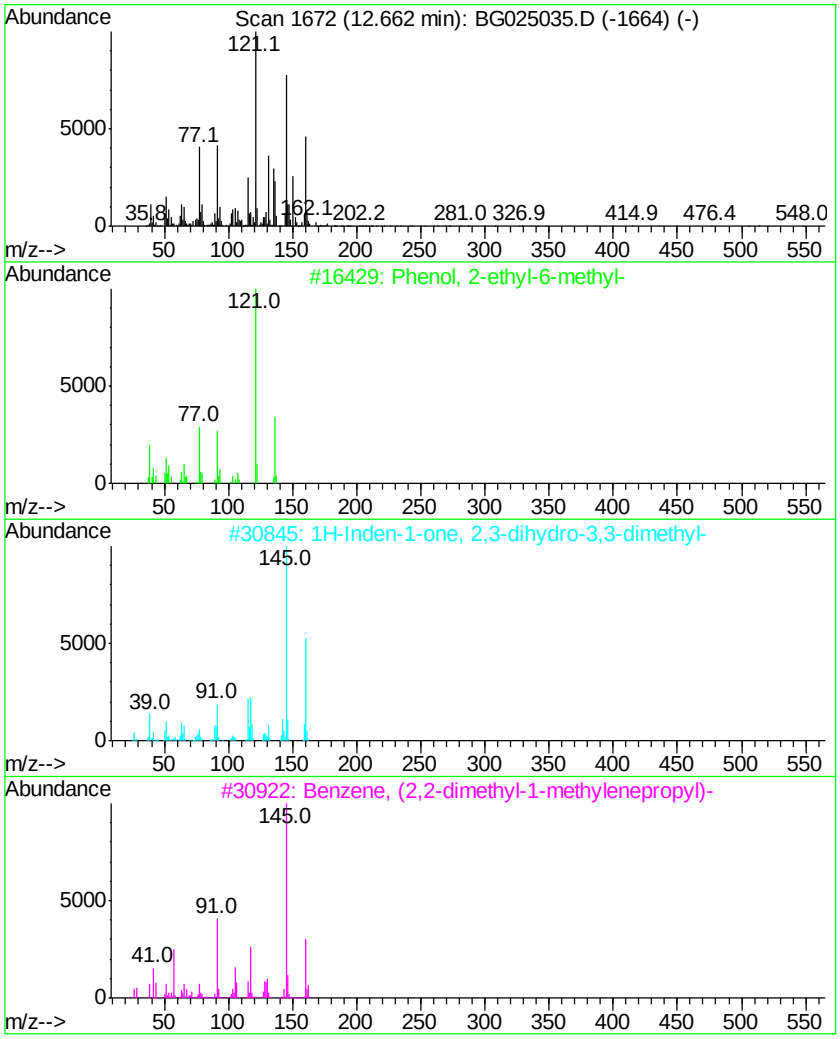
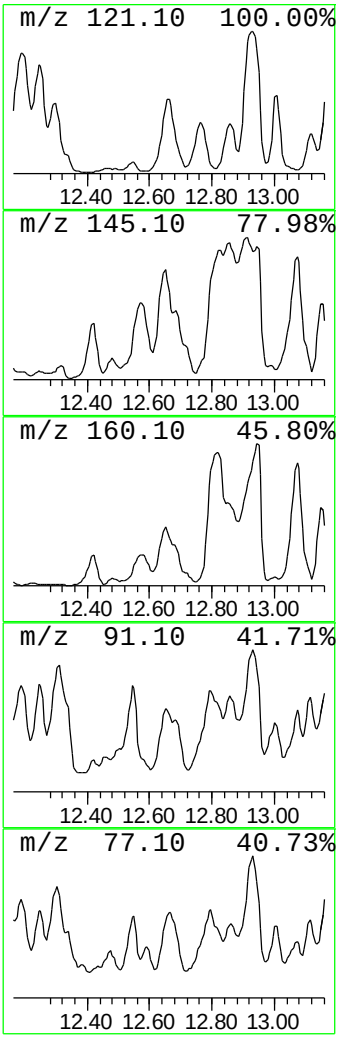
Peak Number 29 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	28.28 ng/ul	34478300	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	42
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	38
3	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	38
4	1,2,4-Oxadiazol-5-amine, 3-[4-(c...	328	C15H16N6O3	1000351-08-7	35
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	35





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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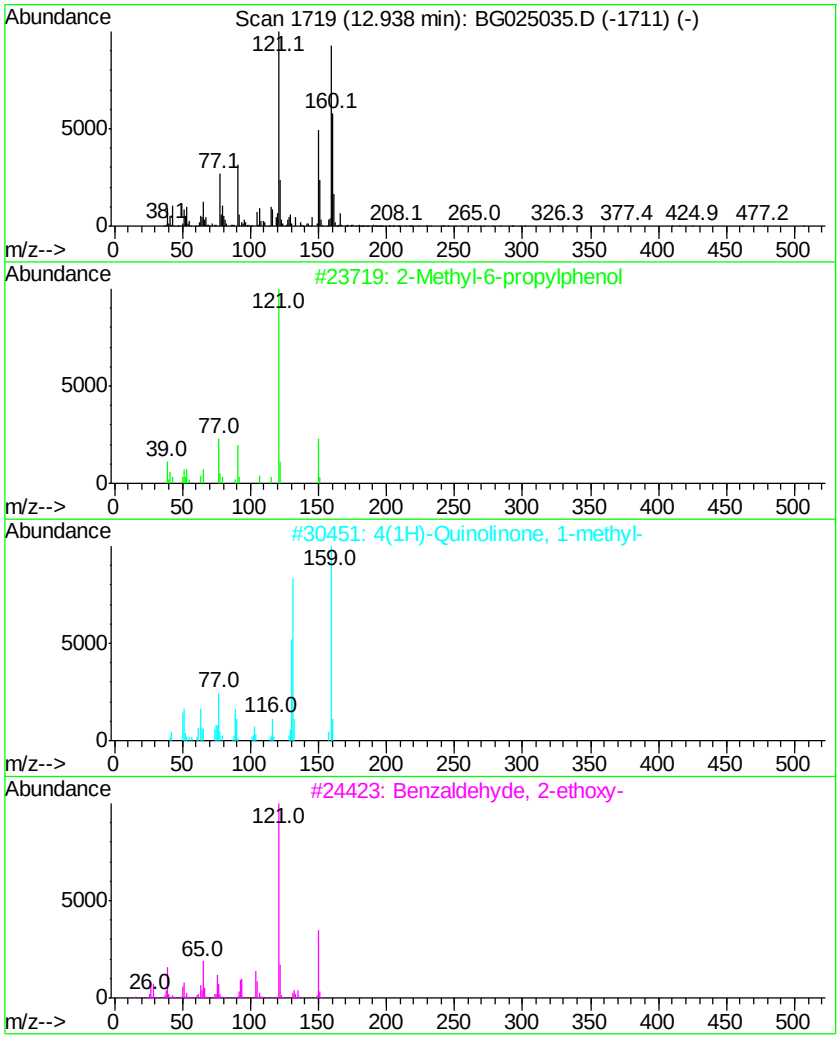
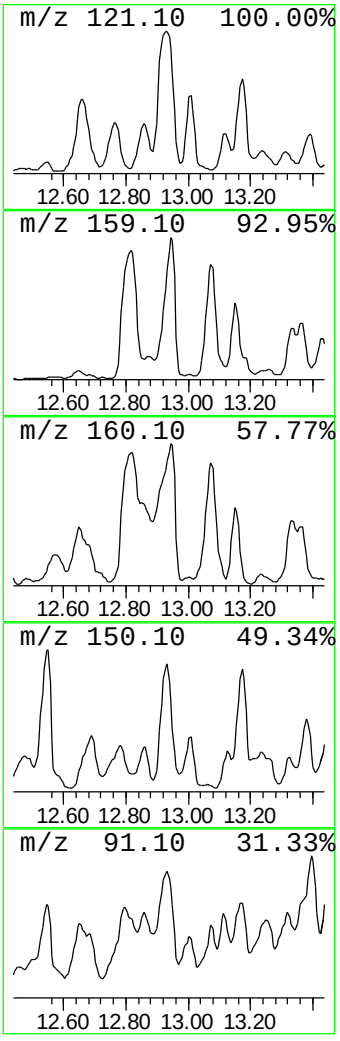
Peak Number 30 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	55.11 ng/ul	67190000	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-6-propylphenol	150	C10H14O	003520-52-3	35
2	4(1H)-Quinolinone, 1-methyl-	159	C10H9NO	000083-54-5	30
3	Benzaldehyde, 2-ethoxy-	150	C9H10O2	000613-69-4	27
4	Benzenamine, 3,5-dimethyl-	121	C8H11N	000108-69-0	25
5	Paroxypropione	150	C9H10O2	000070-70-2	25





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Quant Title : SVOA CALIBRATION

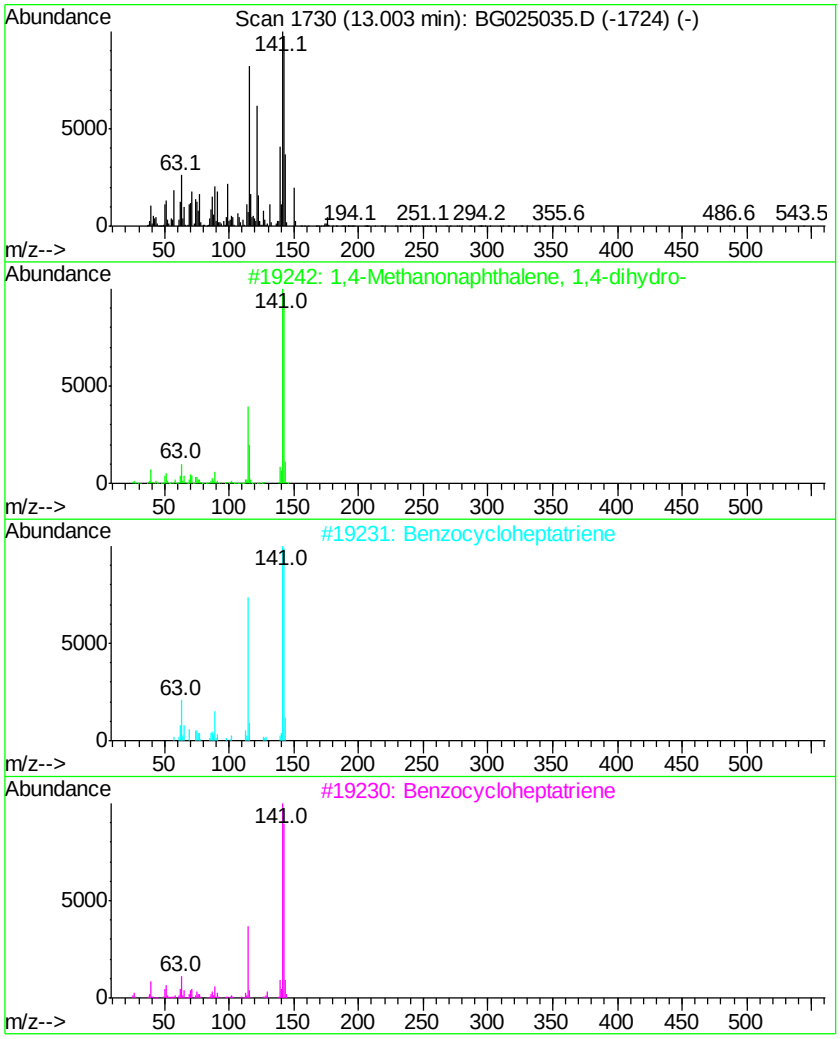
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

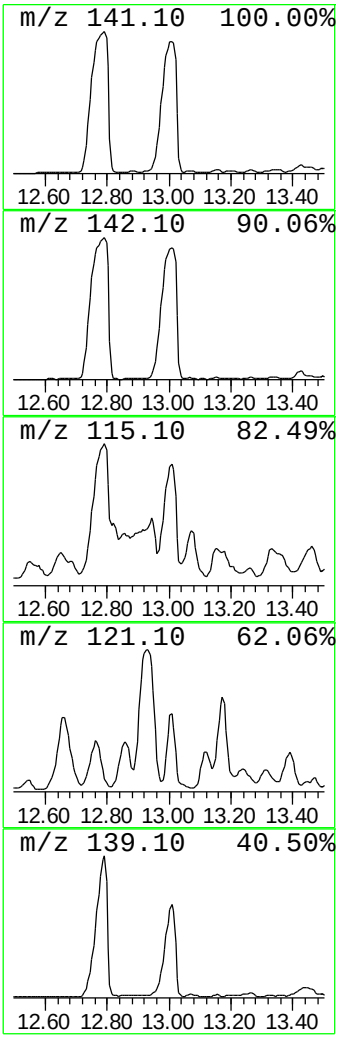
****

Peak Number 31 1,4-Methanonaphthalene, 1,4... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	38.93 ng/ul	47460500	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	81
2	Benzocycloheptatriene	142	C11H10	000264-09-5	76
3	Benzocycloheptatriene	142	C11H10	000264-09-5	76
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	76
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

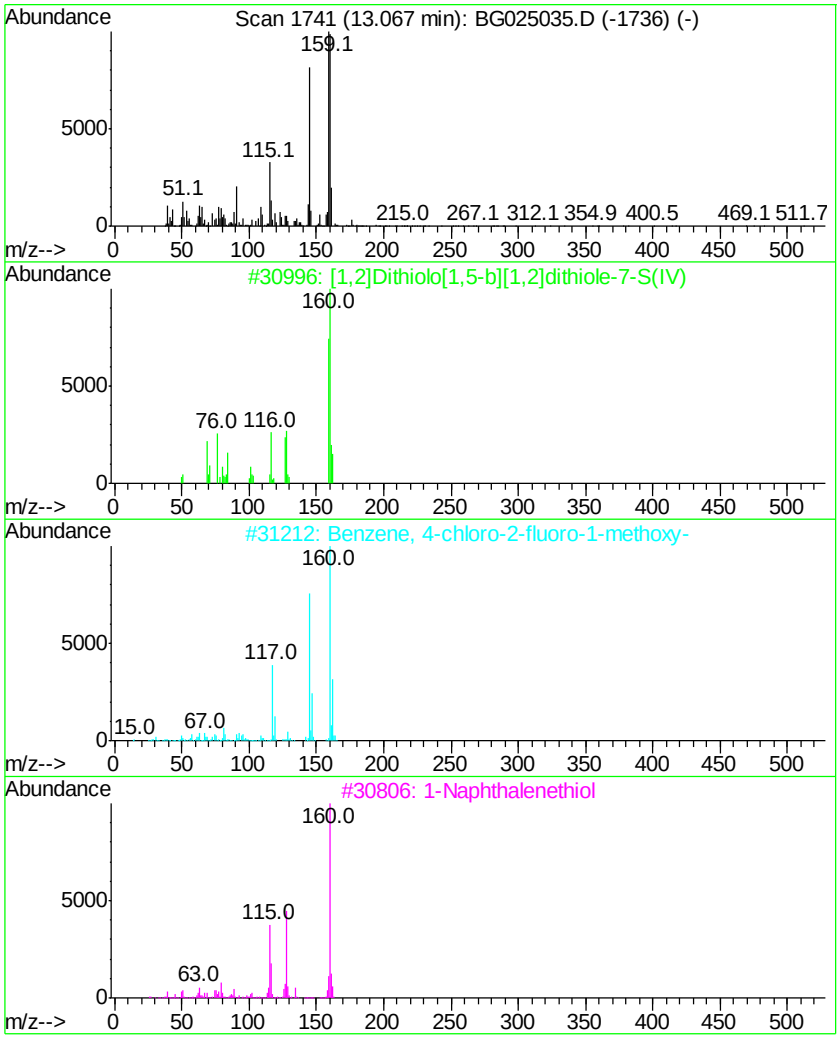
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

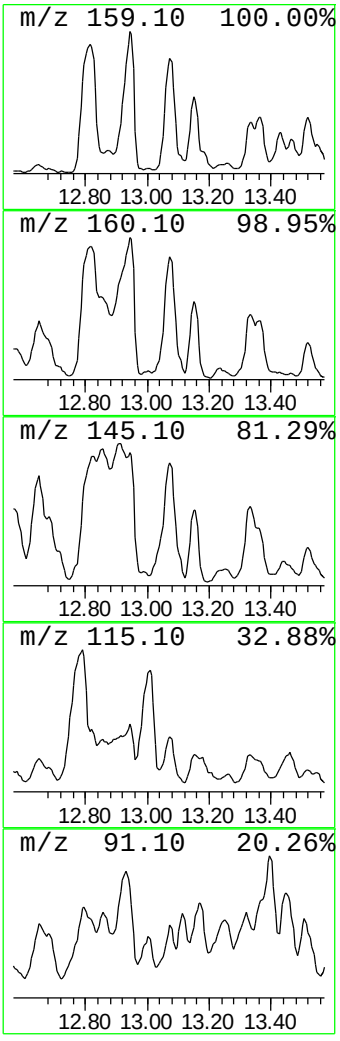
****

Peak Number 32 unknown-04 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	16.05 ng/ul	20715800	Acenaphthene-d10	14.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,2]Dithiolo[1,5-b][1,2]dithiol...	160	C5H4S3	000252-09-5	47
2	Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	43
3	1-Naphthalenethiol	160	C10H8S	000529-36-2	38
4	1-Naphthalenethiol	160	C10H8S	000529-36-2	27
5	2-Naphthalenethiol	160	C10H8S	000091-60-1	27





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Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

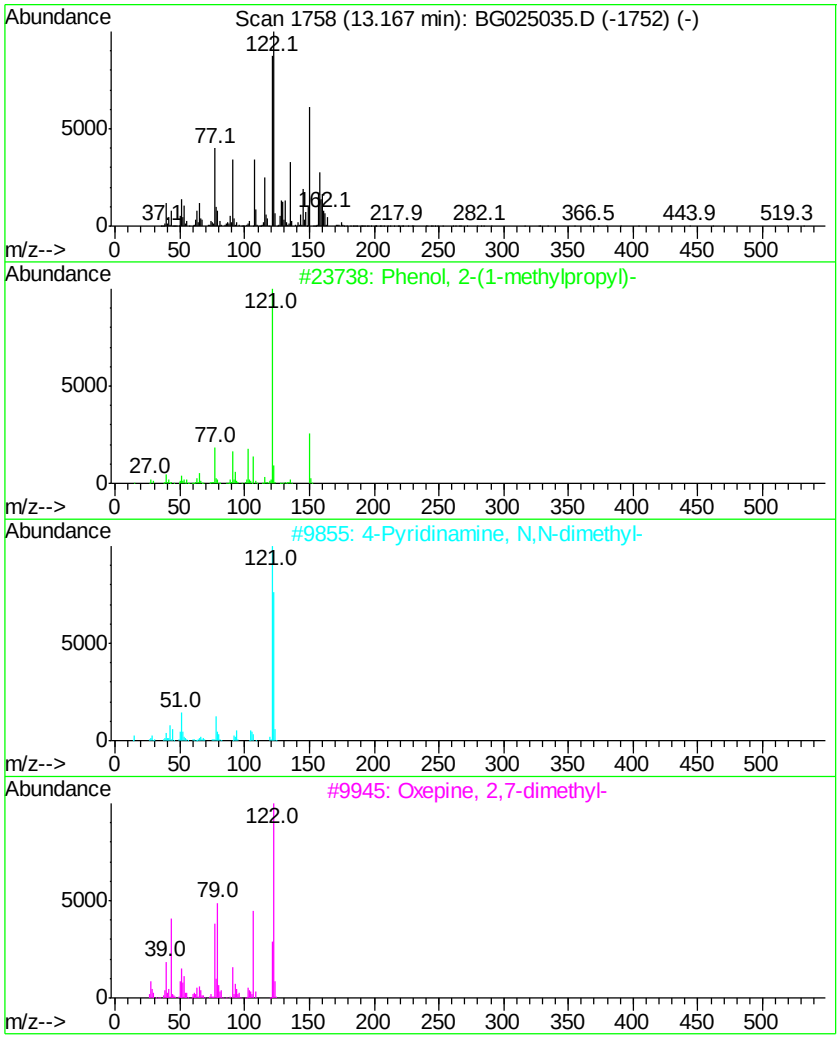
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

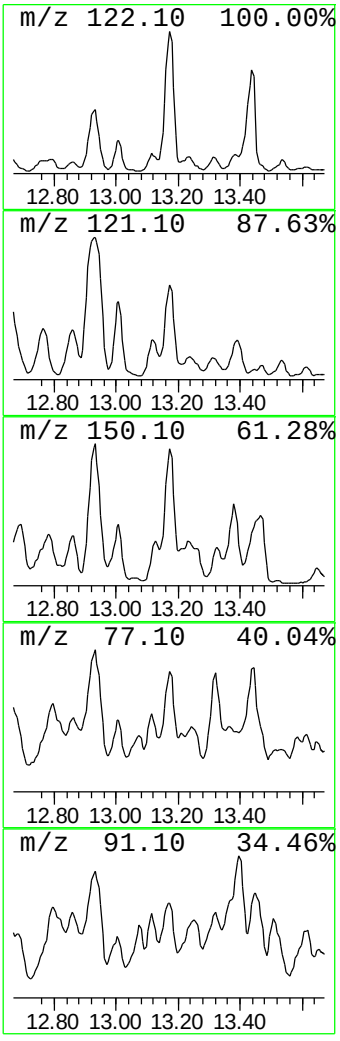
****

Peak Number 33 unknown-05 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	16.25 ng/ul	20971800	Acenaphthene-d10	14.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	38
2	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	38
3	Oxepine, 2,7-dimethyl-	122	C8H10O	001487-99-6	38
4	Benzaldehyde, 4-ethoxy-	150	C9H10O2	010031-82-0	35
5	Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	35





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Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

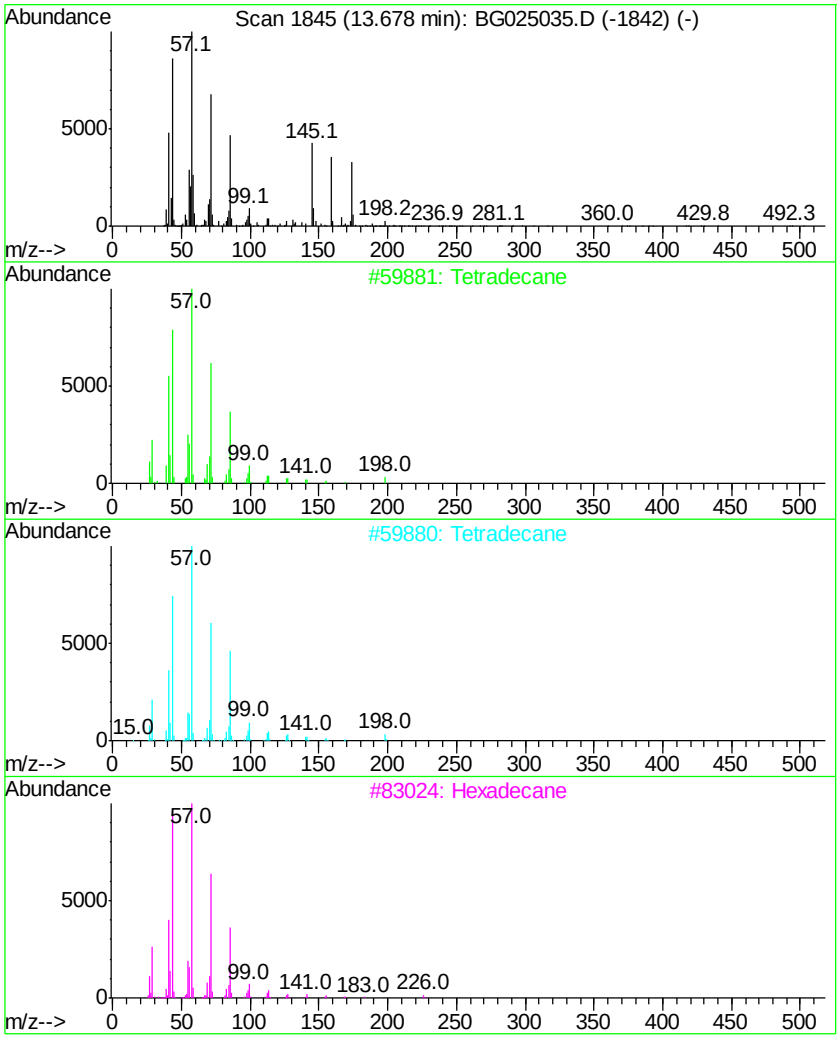
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

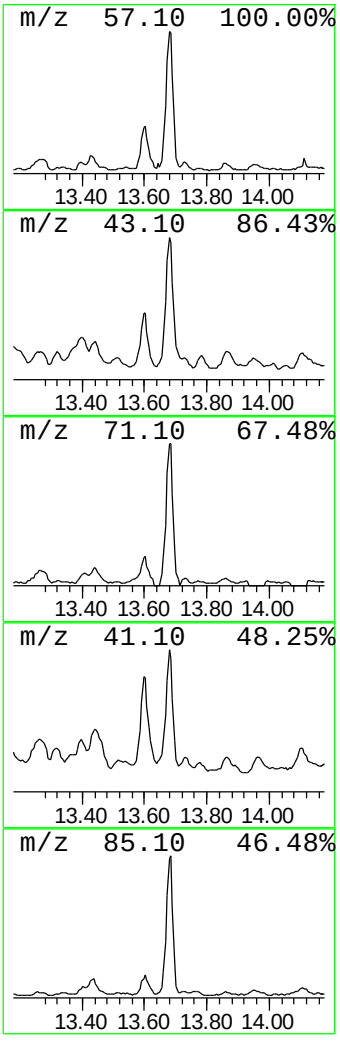
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	21.62 ng/ul	27902700	Acenaphthene-d10	14.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Tetradecane	198	C14H30	000629-59-4	80
3	Hexadecane	226	C16H34	000544-76-3	52
4	Tridecane	184	C13H28	000629-50-5	46
5	Tetradecane	198	C14H30	000629-59-4	42





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Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

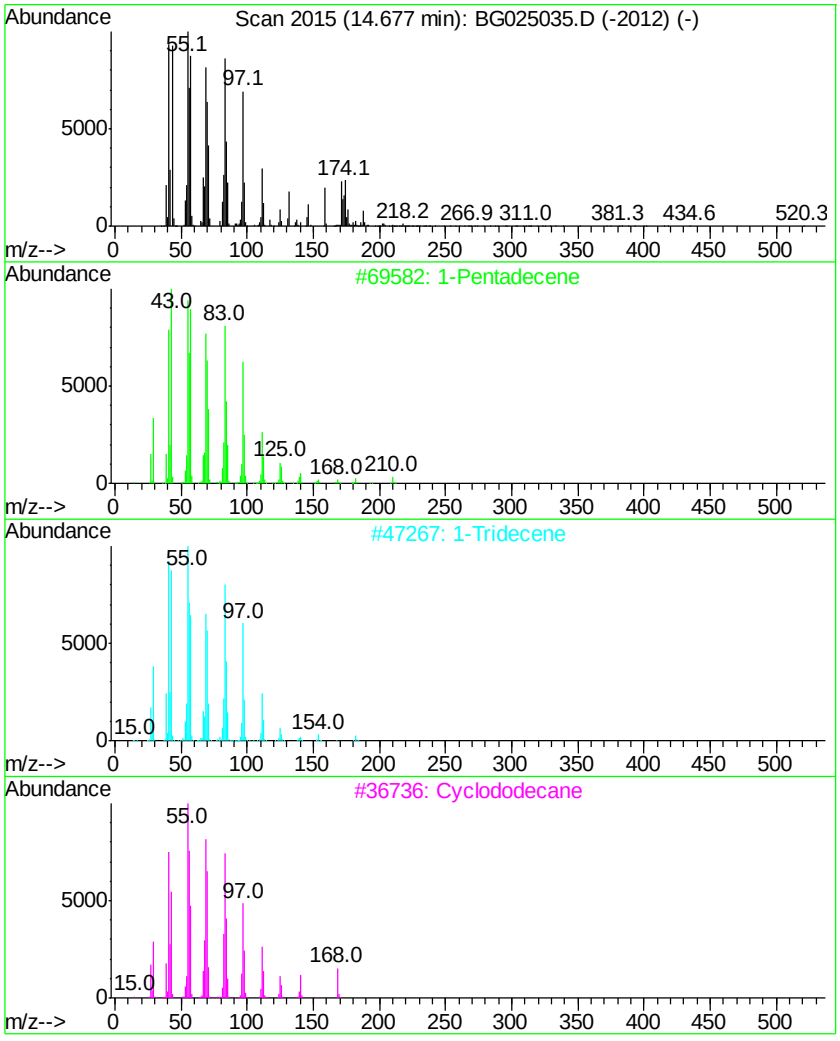
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

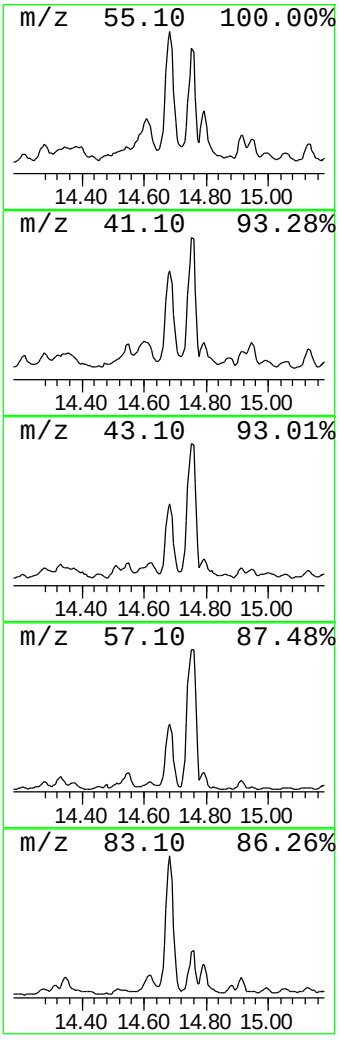
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Cyclic14.68 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	18.93 ng/ul	24428600	Acenaphthene-d10	14.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	98
2	1-Tridecene	182	C13H26	002437-56-1	96
3	Cyclododecane	168	C12H24	000294-62-2	90
4	1-Decanethiol	174	C10H22S	000143-10-2	83
5	1-Heptadecene	238	C17H34	006765-39-5	81





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Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

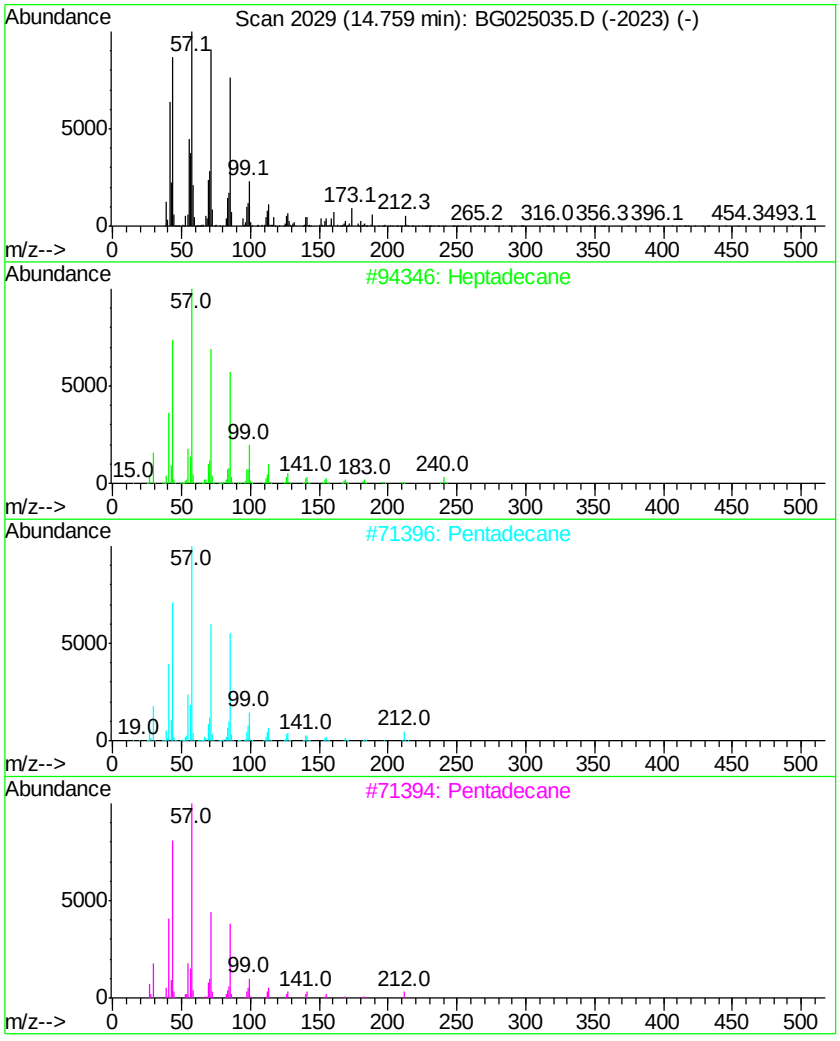
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

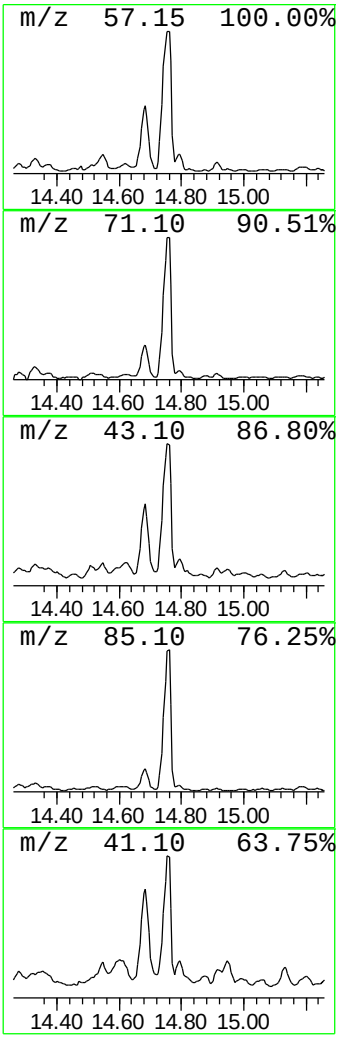
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	18.42 ng/ul	23773100	Acenaphthene-d10	14.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Pentadecane	212	C15H32	000629-62-9	93
3	Pentadecane	212	C15H32	000629-62-9	90
4	Nonadecane	268	C19H40	000629-92-5	83
5	Pentadecane	212	C15H32	000629-62-9	83





Library Search Compound Report

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Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

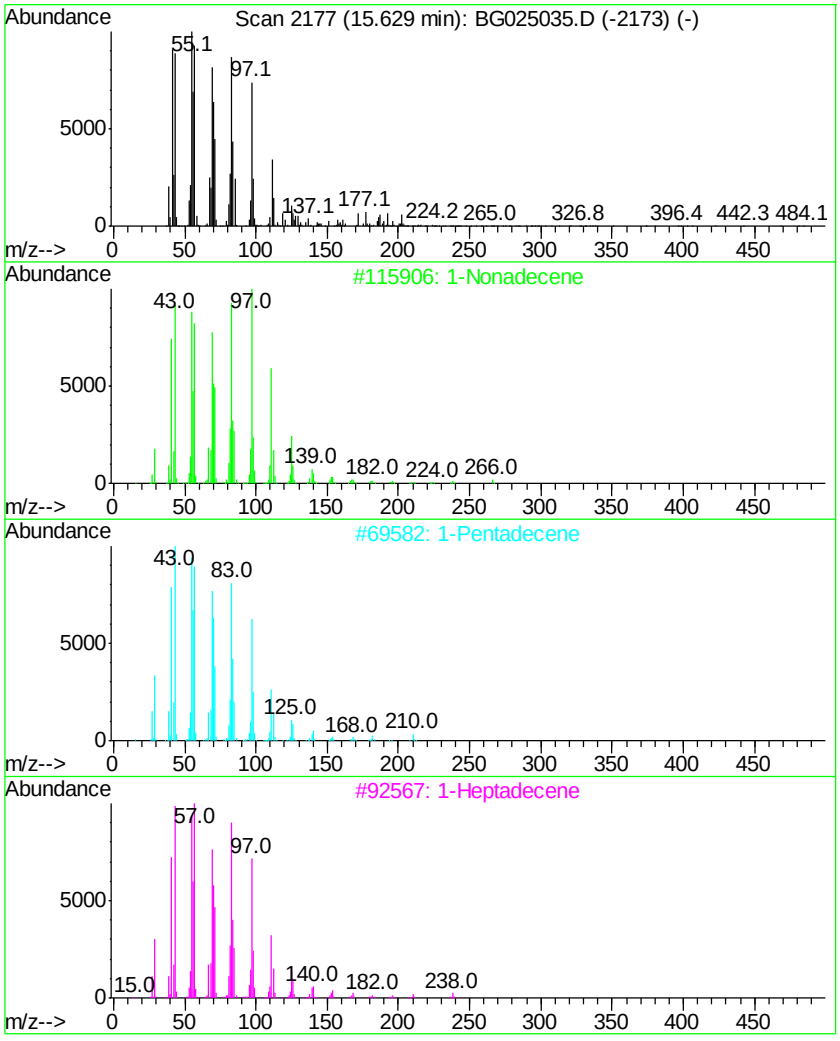
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

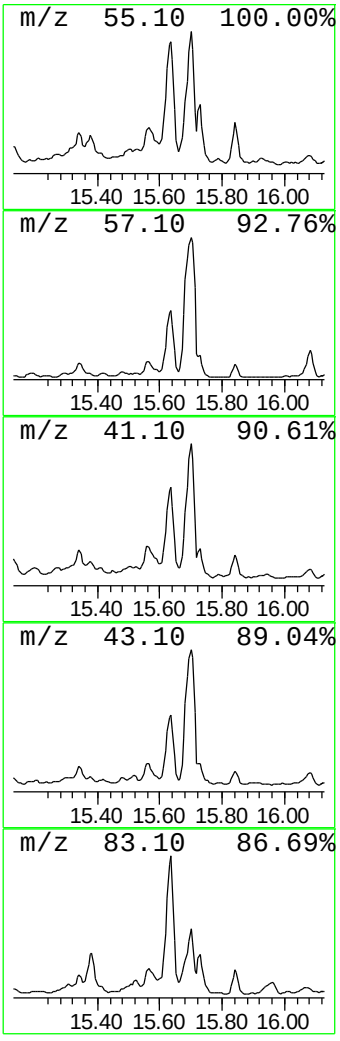
****

Peak Number 56 (DEL) Alkane: Cyclic15.63 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	25.45 ng/ul	32845300	Acenaphthene-d10	14.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	1-Pentadecene	210	C15H30	013360-61-7	94
3	1-Heptadecene	238	C17H34	006765-39-5	94
4	1-Nonadecene	266	C19H38	018435-45-5	93
5	Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7	93





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Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

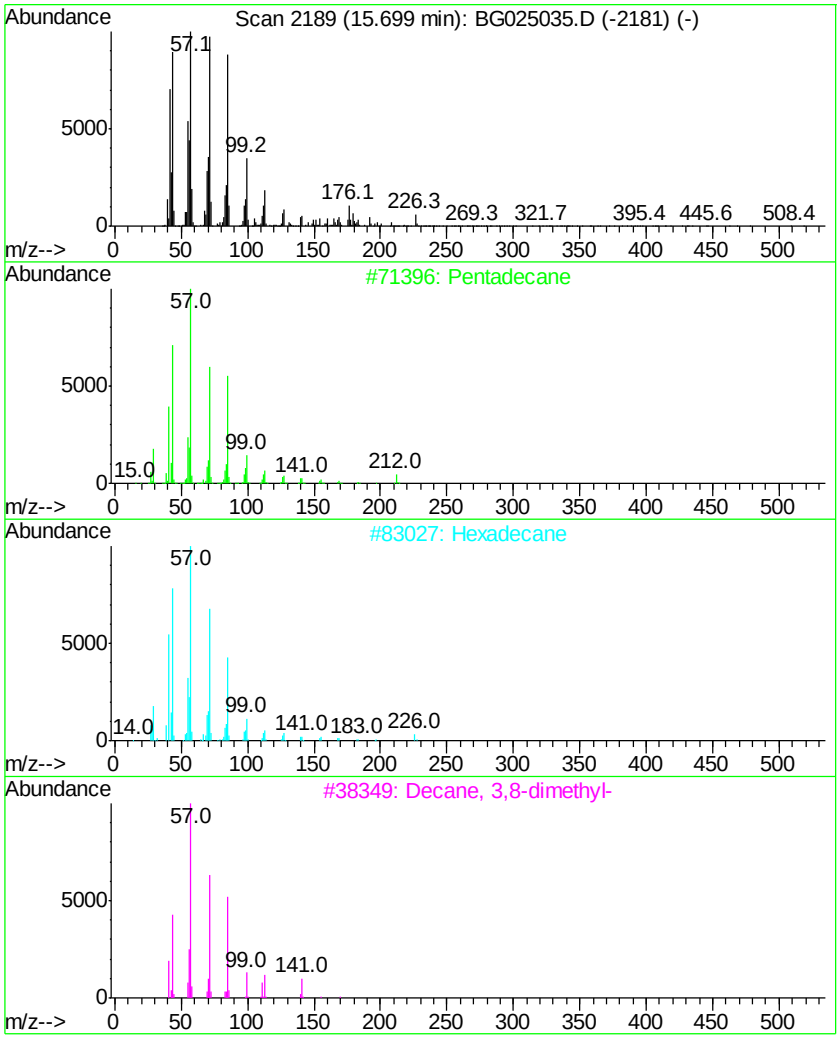
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

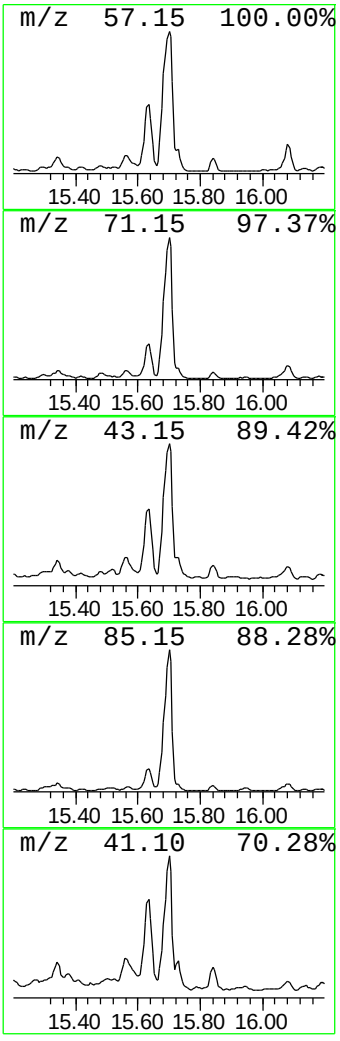
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	65.72 ng/ul	84830900	Acenaphthene-d10	14.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	83
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
4	Hexadecane	226	C16H34	000544-76-3	68
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	68





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Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

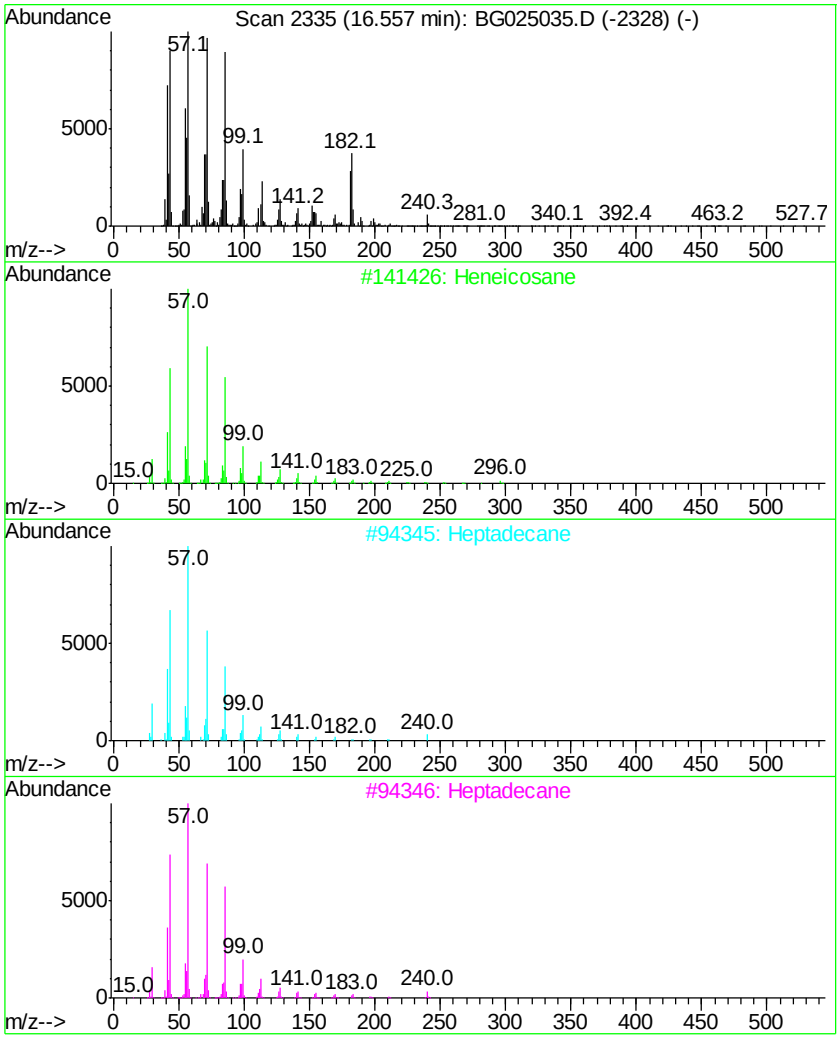
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

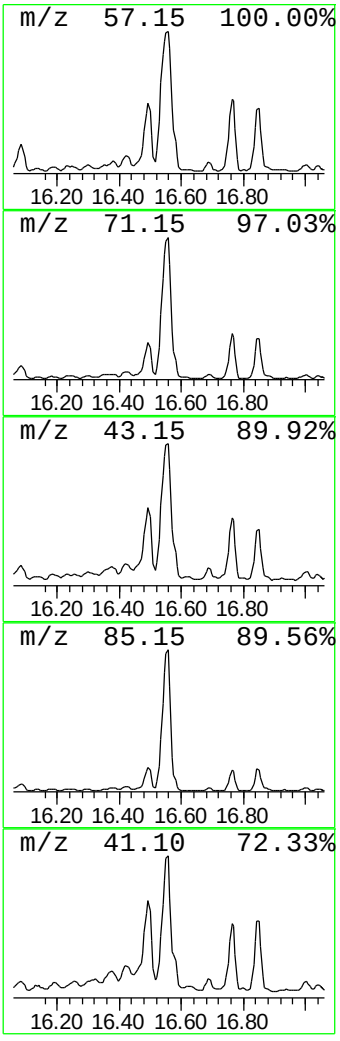
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	198.23 ng/ul	66115500	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptadecane	240	C17H36	000629-78-7	92
3	Heptadecane	240	C17H36	000629-78-7	70
4	Heptadecane	240	C17H36	000629-78-7	60
5	Heneicosane	296	C21H44	000629-94-7	46





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

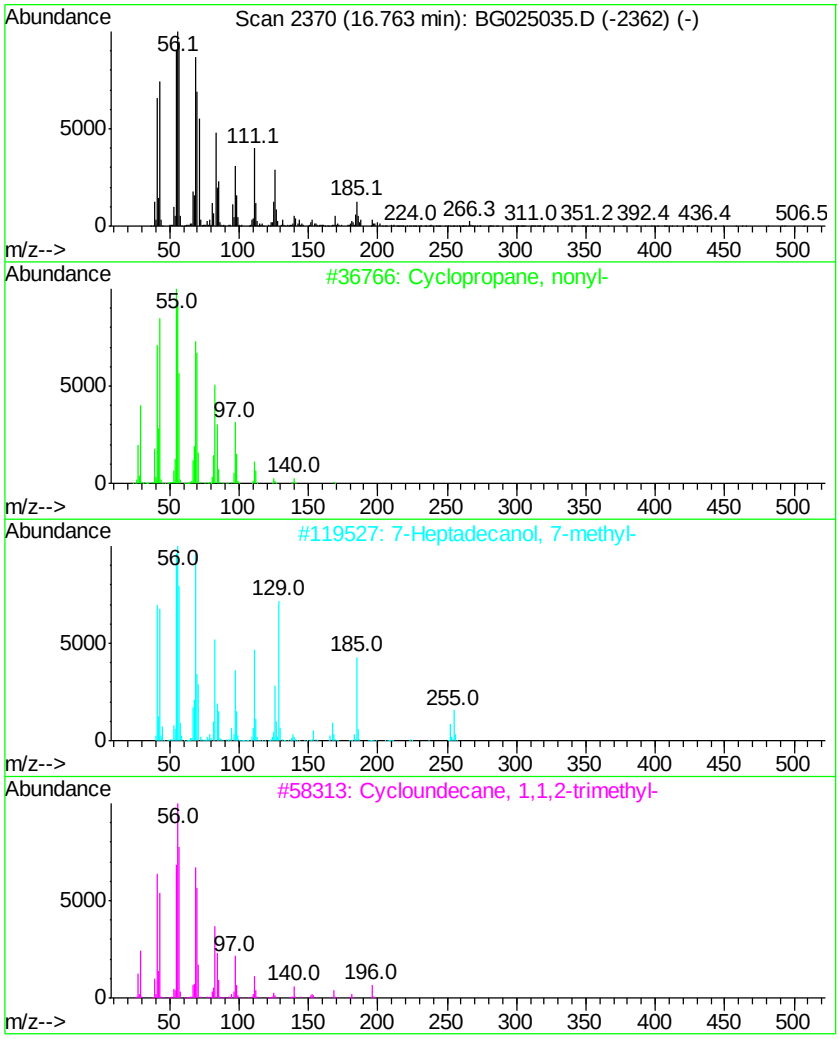
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

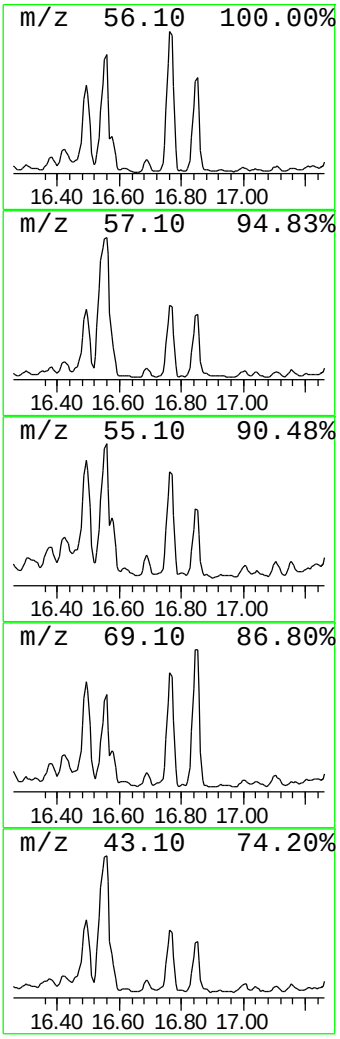
****

Peak Number 61 (DEL) Alkane: Cyclic16.76 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	88.64 ng/ul	29565600	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, nonyl-	168	C12H24	074663-85-7	83
2	7-Heptadecanol, 7-methyl-	270	C18H38O	055723-93-8	80
3	Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	76
4	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	64
5	Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1000150-67-3	52





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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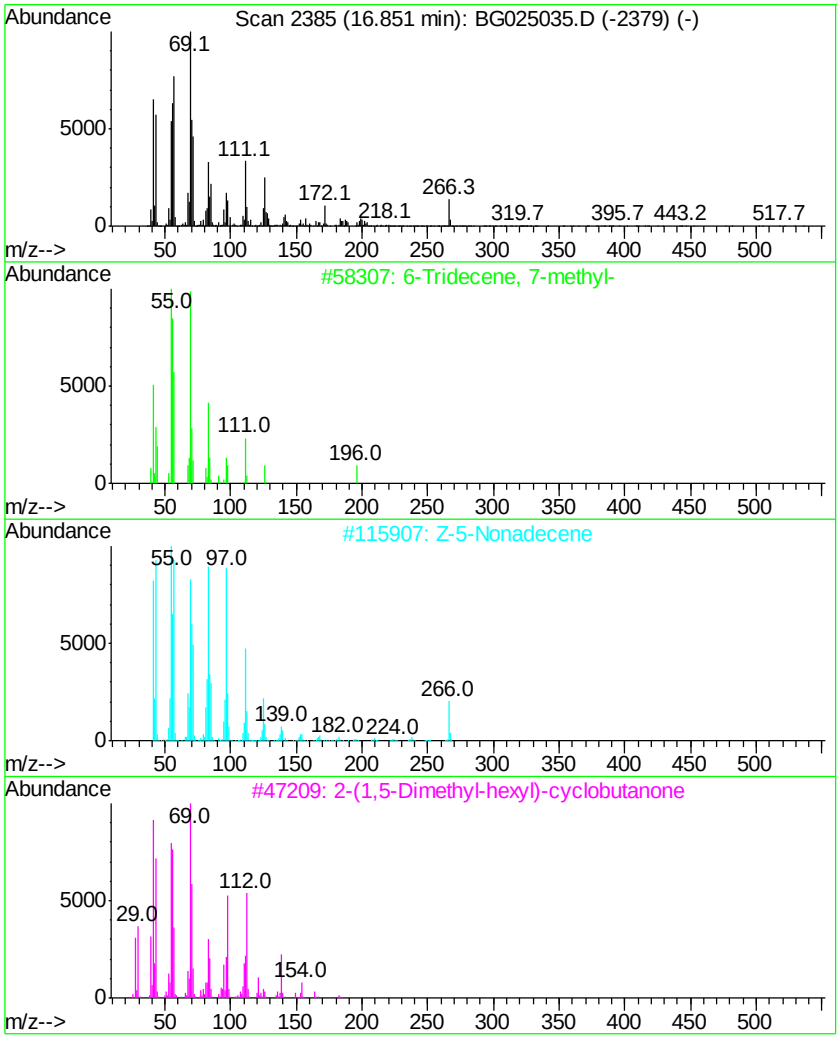
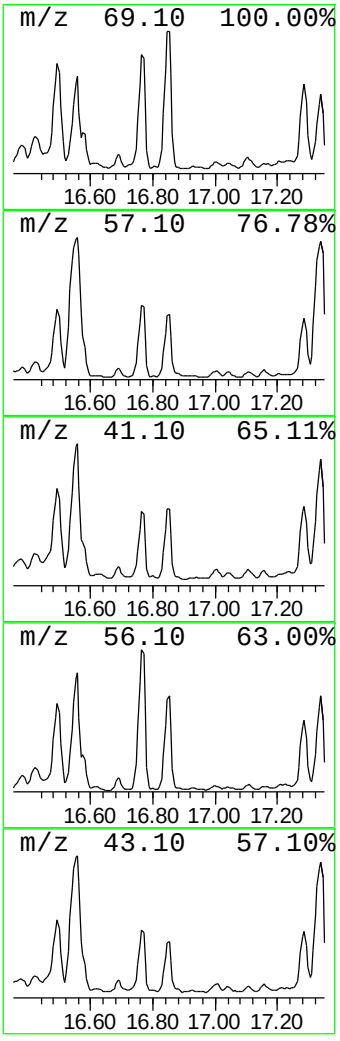
Peak Number 62 (DEL) Alkane: Cyclic16.85 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	68.74 ng/ul	22926800	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	53
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	53
3	2-(1,5-Dimethyl-hexyl)-cyclobuta...	182	C12H22O	1000187-17-7	46
4	4-Undecene, 2-methyl-, (E)-	168	C12H24	028665-57-8	41
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	38





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

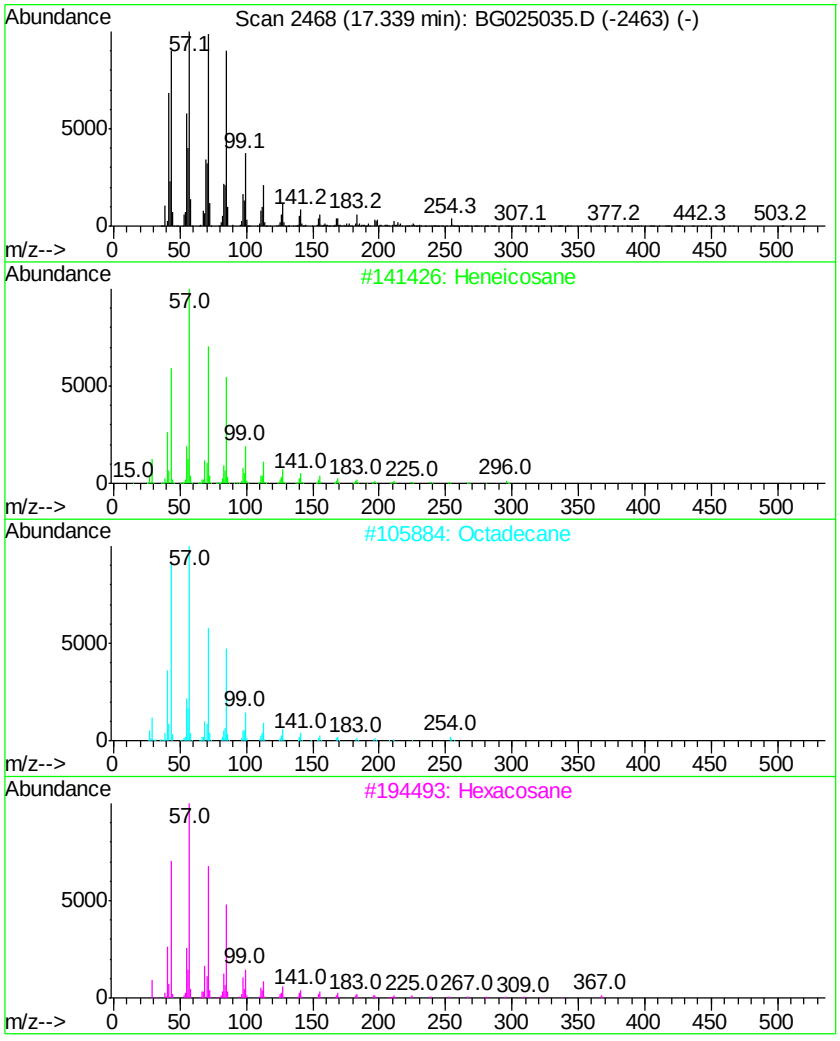
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

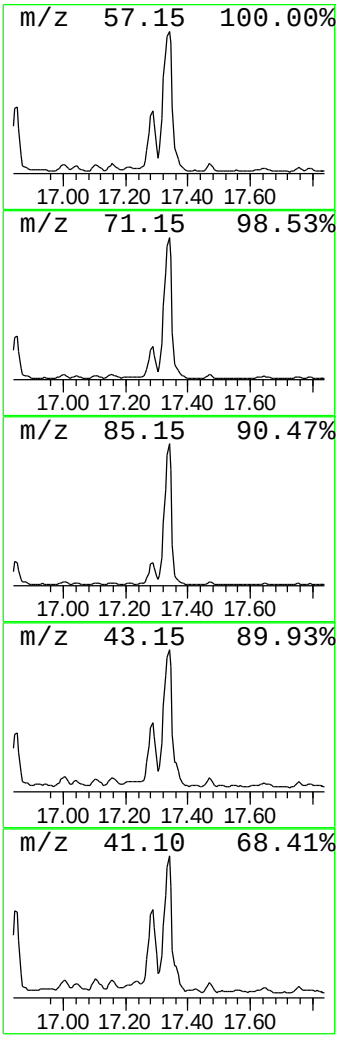
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	131.28 ng/ul	43784200	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Octadecane	254	C18H38	000593-45-3	93
3	Hexacosane	366	C26H54	000630-01-3	80
4	Octadecane	254	C18H38	000593-45-3	76
5	Heneicosane	296	C21H44	000629-94-7	58





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Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

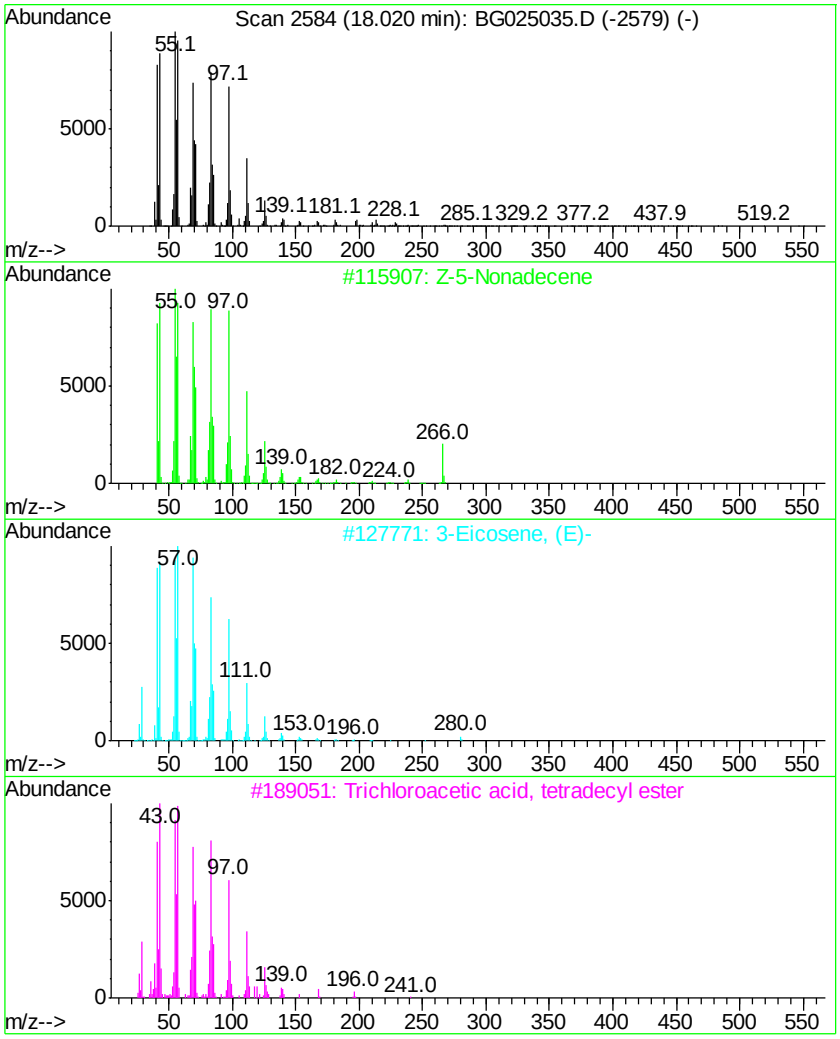
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

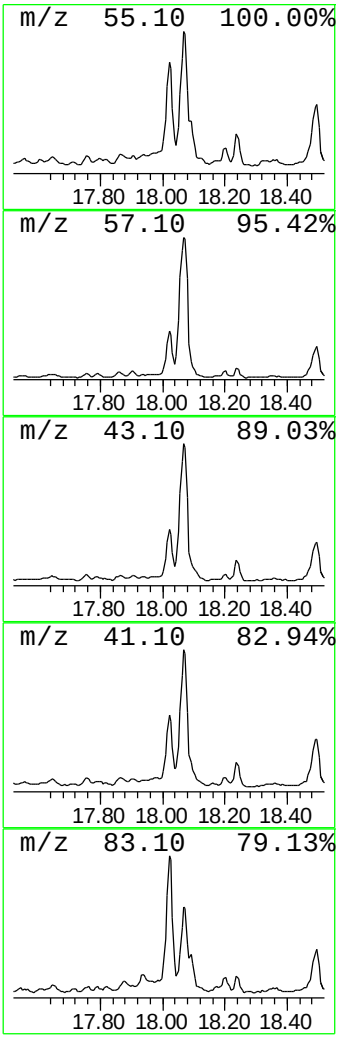
****

Peak Number 67 (DEL) Alkane: Cyclic18.02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	32.20 ng/ul	10739000	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94
4	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	94
5	1-Tridecene	182	C13H26	002437-56-1	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

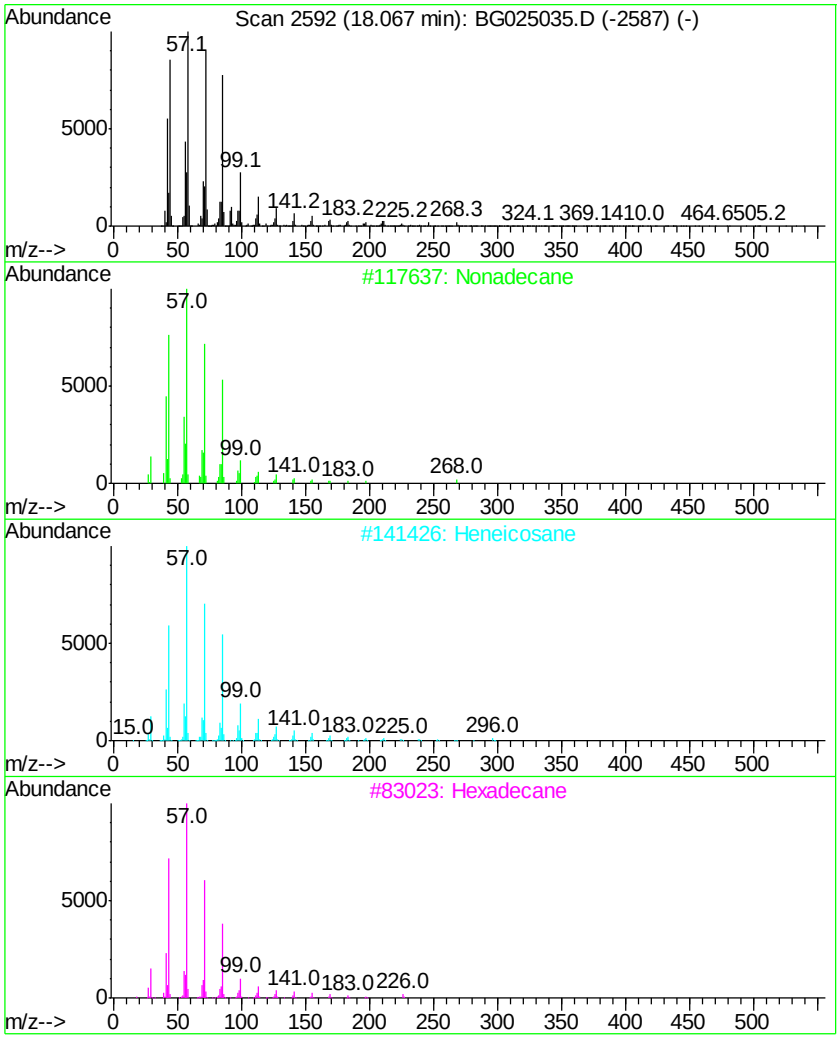
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

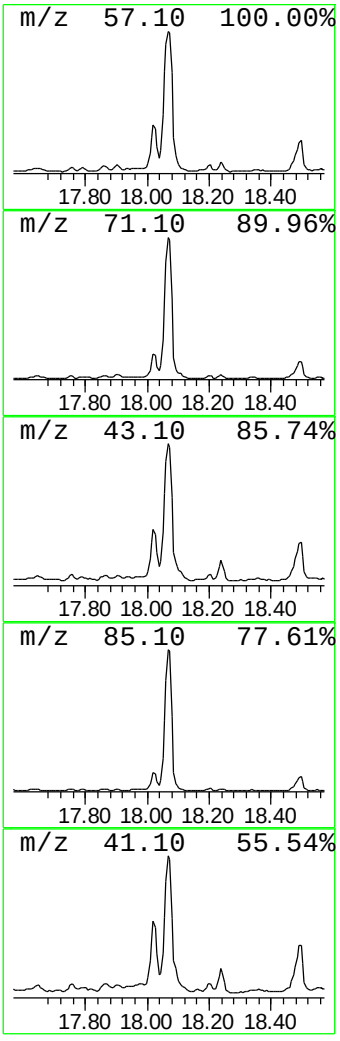
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	105.31 ng/ul	35123200	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	Heneicosane	296	C21H44	000629-94-7	95
3	Hexadecane	226	C16H34	000544-76-3	90
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

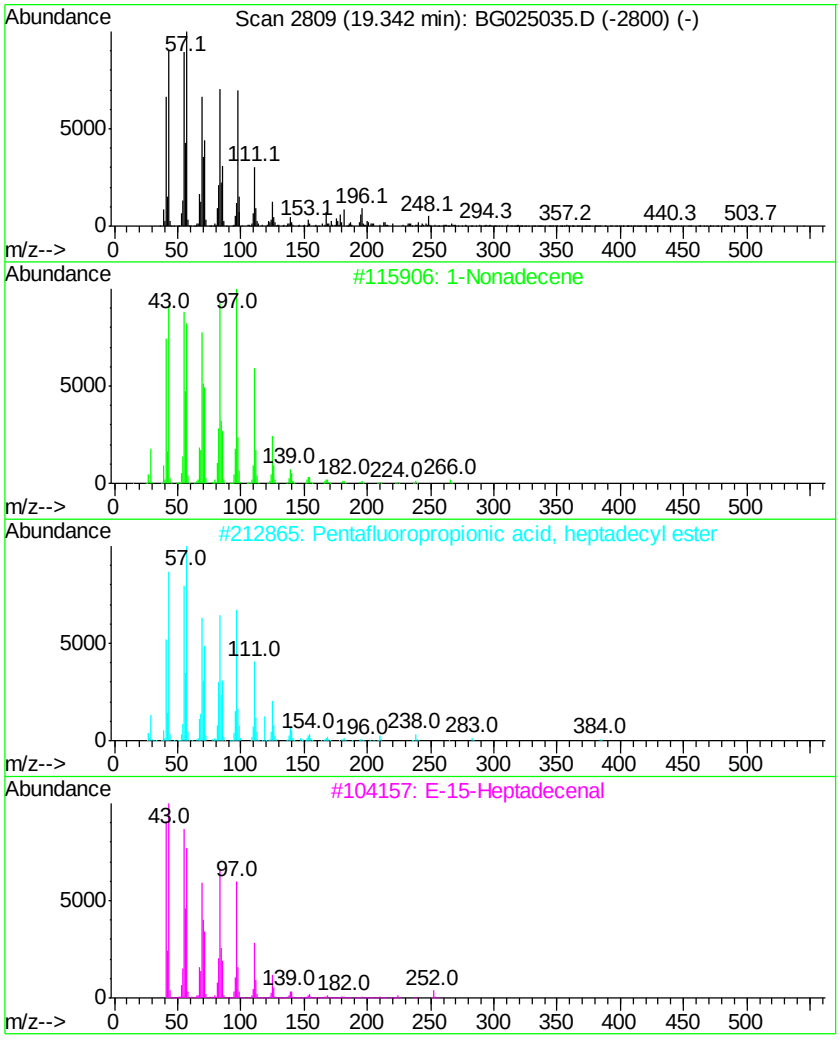
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

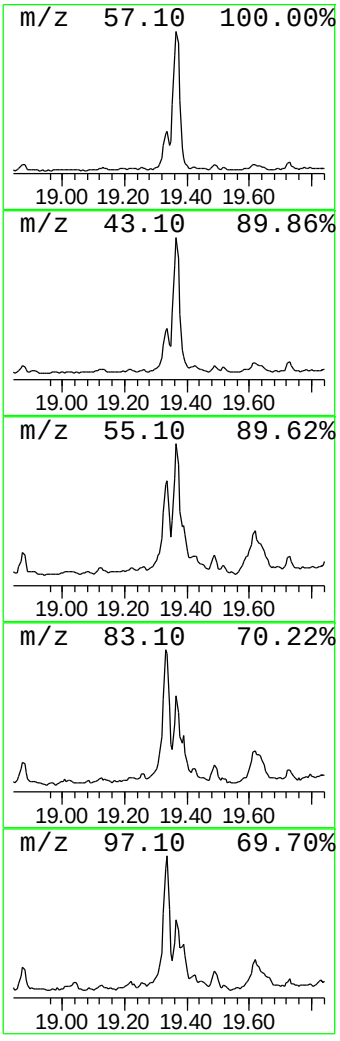
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 (DEL) Alkane: Cyclic19.34 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	24.39 ng/ul	8133840	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
4	11-Tricosene	322	C23H46	052078-56-5	91
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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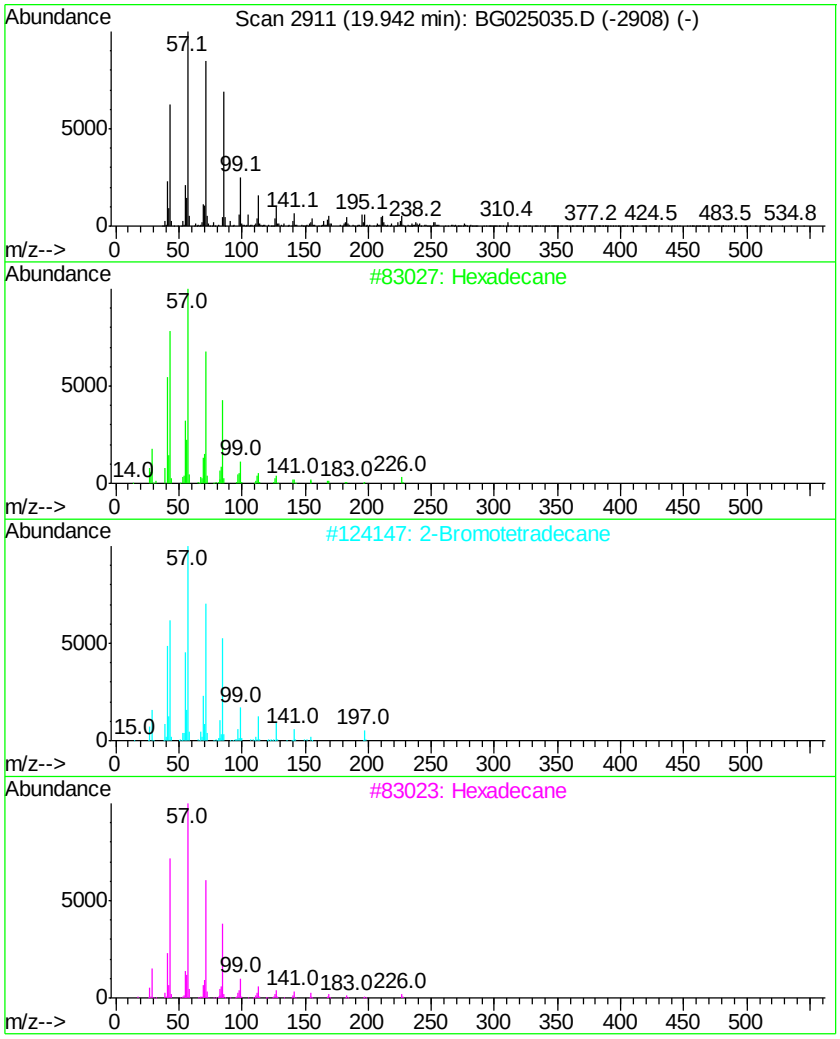
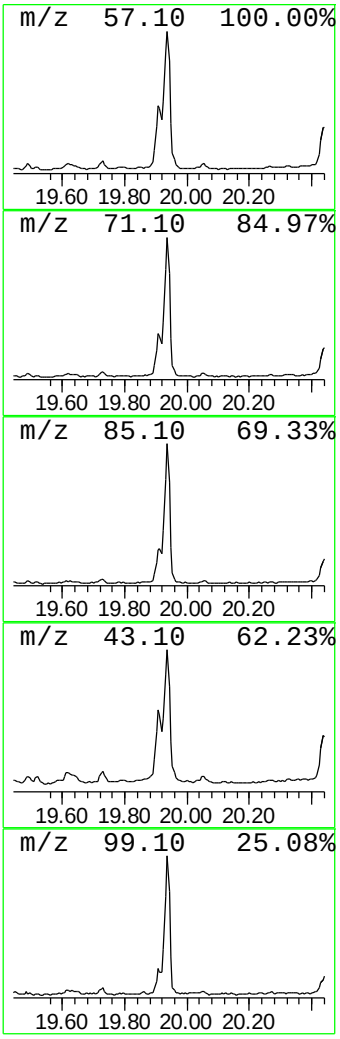
Peak Number 75 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	34.78 ng/ul	12429300	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

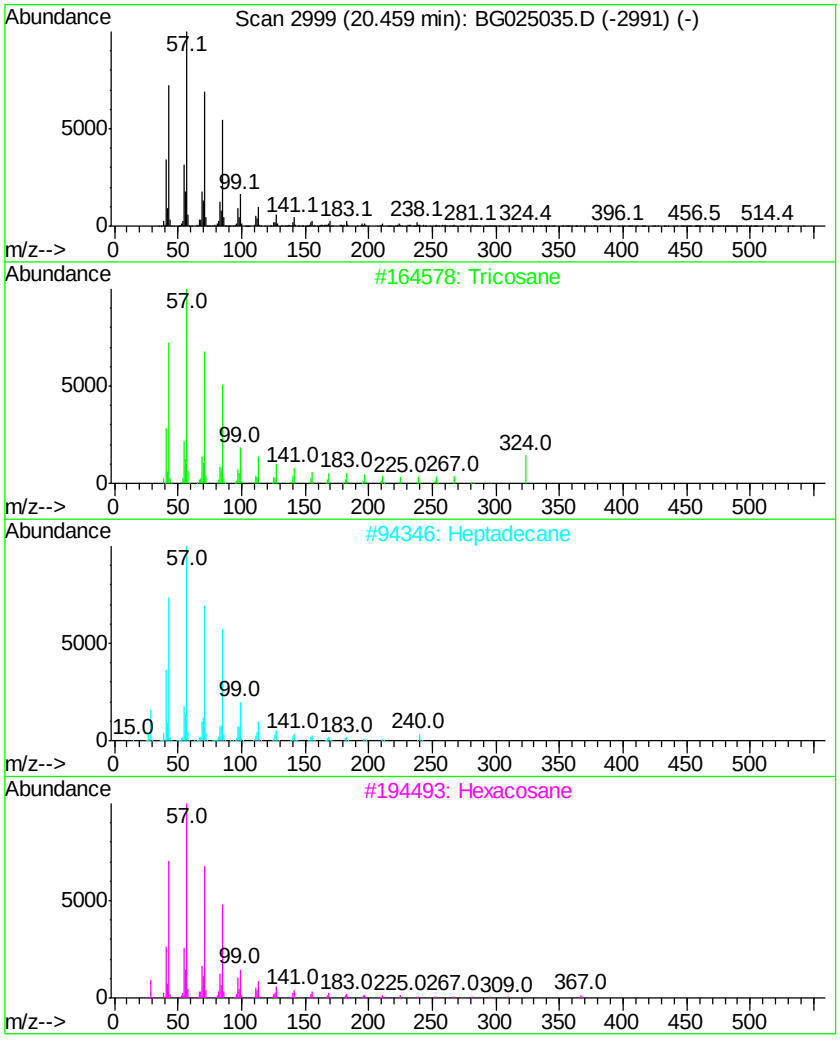
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

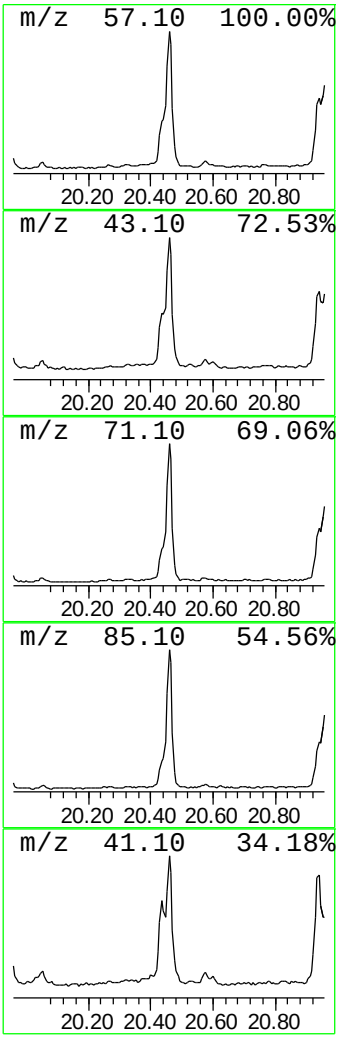
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	49.96 ng/ul	17850500	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Heptadecane	240	C17H36	000629-78-7	94
3	Hexacosane	366	C26H54	000630-01-3	94
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
5	Heptadecane	240	C17H36	000629-78-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
Data File : BG025035.D
Acq On : 9 Dec 2016 12:09
Operator : UM/SJ
Sample : H5863-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	7.32	16.4	ng/ul	6196410	1	8.25	7568620	20.0
Mesitylene	7.63	20.5	ng/ul	7761690	1	8.25	7568620	20.0
Benzene, 1,2,3-tr...	7.89	27.3	ng/ul	10346600	1	8.25	7568620	20.0
Benzofuran	7.97	20.0	ng/ul	7568620	1	8.25	7568620	20.0
Benzene, 1-methyl...	9.35	30.3	ng/ul	11460300	1	8.25	7568620	20.0
Phenol, 2,6-dimet...	9.72	30.2	ng/ul	36822700	2	11.10	24383800	20.0
Benzofuran, 2-met...	9.82	13.6	ng/ul	16533200	2	11.10	24383800	20.0
Phenol, 2-ethyl-	10.06	12.1	ng/ul	14698000	2	11.10	24383800	20.0
Naphthalene, 1,2-...	10.49	12.1	ng/ul	14772300	2	11.10	24383800	20.0
Phenol, 3-ethyl-	10.62	50.3	ng/ul	61351600	2	11.10	24383800	20.0
Ethanone, 1-(4-me...	10.87	6.3	ng/ul	7742390	2	11.10	24383800	20.0
Phenol, 2-ethyl-6...	10.94	9.7	ng/ul	11791800	2	11.10	24383800	20.0
2-Propenal, 2-met...	11.39	8.9	ng/ul	10833100	2	11.10	24383800	20.0
1-Naphthalenol, 5...	11.53	74.2	ng/ul	90401900	2	11.10	24383800	20.0
2,3-Dimethylanisole	11.70	52.2	ng/ul	63625400	2	11.10	24383800	20.0
Phenol, 2-ethyl-4...	11.77	14.0	ng/ul	17073000	2	11.10	24383800	20.0
2-(2-Hydroxypheny...	11.86	5.4	ng/ul	6618540	2	11.10	24383800	20.0
1H-Indazole, 4,5,...	12.04	85.0	ng/ul	103646000	2	11.10	24383800	20.0
Phenol, 2,4,6-tri...	12.19	58.9	ng/ul	71770800	2	11.10	24383800	20.0
1H-Cyclopropa[b]n...	12.25	21.9	ng/ul	26761800	2	11.10	24383800	20.0
unknown-01	12.31	51.3	ng/ul	62509000	2	11.10	24383800	20.0
(DEL) Alkane: Str...	12.46	8.8	ng/ul	10669800	2	11.10	24383800	20.0
Benzene, 2-methox...	12.55	17.7	ng/ul	21582300	2	11.10	24383800	20.0
unknown-02	12.66	28.3	ng/ul	34478300	2	11.10	24383800	20.0
unknown-03	12.94	55.1	ng/ul	67190000	2	11.10	24383800	20.0
1,4-Methanonaphth...	13.00	38.9	ng/ul	47460500	2	11.10	24383800	20.0
unknown-04	13.07	16.1	ng/ul	20715800	3	14.92	25815400	20.0
unknown-05	13.17	16.3	ng/ul	20971800	3	14.92	25815400	20.0
(DEL) Alkane: Str...	13.68	21.6	ng/ul	27902700	3	14.92	25815400	20.0
(DEL) Alkane: Cyc...	14.68	18.9	ng/ul	24428600	3	14.92	25815400	20.0
(DEL) Alkane: Str...	14.76	18.4	ng/ul	23773100	3	14.92	25815400	20.0
(DEL) Alkane: Cyc...	15.63	25.4	ng/ul	32845300	3	14.92	25815400	20.0
(DEL) Alkane: Str...	15.70	65.7	ng/ul	84830900	3	14.92	25815400	20.0
(DEL) Alkane: Str...	16.56	198.2	ng/ul	66115500	4	17.64	6670620	20.0
(DEL) Alkane: Cyc...	16.76	88.6	ng/ul	29565600	4	17.64	6670620	20.0
(DEL) Alkane: Cyc...	16.85	68.7	ng/ul	22926800	4	17.64	6670620	20.0
(DEL) Alkane: Str...	17.34	131.3	ng/ul	43784200	4	17.64	6670620	20.0
(DEL) Alkane: Cyc...	18.02	32.2	ng/ul	10739000	4	17.64	6670620	20.0
(DEL) Alkane: Str...	18.07	105.3	ng/ul	35123200	4	17.64	6670620	20.0
(DEL) Alkane: Cyc...	19.34	24.4	ng/ul	8133840	4	17.64	6670620	20.0
(DEL) Alkane: Str...	19.94	34.8	ng/ul	12429300	5	21.92	7146640	20.0
(DEL) Alkane: Str...	20.46	50.0	ng/ul	17850500	5	21.92	7146640	20.0