LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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	3.167	49	56	64	rVB5	23473	57499	1.81%	0.127%
2	5.305	416	420	427	rVB5	23786	39942	1.26%	0.088%
3	5.858	508	514	525	rBV9	17161	37628	1.19%	0.083%
4	7.385	765	774	791	rBV2	393550	839321	26.49%	1.847%
5	7.556	796	803	811	rBV	269032	462087	14.59%	1.017%
6	7.767	830	839	846	rBV2	377390	658028	20.77%	1.448%
7	7.873	854	857	863	rVB3	25646	44744	1.41%	0.098%
8	8.243	913	920	930	rVB	461367	814198	25.70%	1.791%
9	8.519	962	967	977	rVB9	24455	62481	1.97%	0.137%
10	8.613	977	983	989	rBV5	19921	47987	1.51%	0.106%
11	8.878	1021	1028	1032	rBV4	45749	100350	3.17%	0.221%
12	8.936	1032	1038	1047	rVB2	484354	864169	27.28%	1.901%
13	9.071	1055	1061	1070	rVB5	46858	107155	3.38%	0.236%
14	9.342	1101	1107	1112	rBV7	25395	49919	1.58%	0.110%
15	9.418	1112	1120	1131	rVB	389597	741598	23.41%	1.632%
16	9.583	1143	1148	1156	rVB	20316	55105	1.74%	0.121%
17	9.730	1167	1173	1179	rBV	21615	59140	1.87%	0.130%
18	9.794	1179	1184	1193	rVB2	67238	135918	4.29%	0.299%
19	10.141	1232	1243	1252	rBV2	353985	684037	21.59%	1.505%
20	10.247	1253	1261	1266	rBV10	18944	49770	1.57%	0.110%
21	10.299	1268	1270	1280	rVB8	23588	52166	1.65%	0.115%
22	10.476	1290	1300	1311	rBV6	68340	230401	7.27%	0.507%
23	10.681	1328	1335	1343	rVV	502153	933003	29.45%	2.053%
24	10.740	1343	1345	1354	rVB9	23343	41773	1.32%	0.092%
25	10.916	1364	1375	1380	rVB9	19612	52856	1.67%	0.116%
26	11.005	1384	1390	1392	rBV6	22416	37967	1.20%	0.084%
27	11.069	1392	1401	1407	rBV	607537	1131790	35.72%	2.490%
28	11.204	1415	1424	1436	rBV2	261072	537829	16.98%	1.183%
29	11.304	1437	1441	1448	rVB6	25998	57522	1.82%	0.127%
30	11.428	1455	1462	1465	rBV7	54310	119984	3.79%	0.264%
31	11.469	1465	1469	1475	rVB4	95178	163895	5.17%	0.361%
32	11.539	1476	1481	1485	rVB5	35170	56283	1.78%	0.124%
33	11.639	1496	1498	1507	rVB10	23752	38909	1.23%	0.086%
34	11.727	1508	1513	1523	rVB10	47907	104923	3.31%	0.231%

LSC Area Percent Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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	11.821	1523	1529	1533	rBV7	24627	46457	1.47%	0.102%
36	11.874	1533	1538	1544	rBV7	40998	73051	2.31%	0.161%
37	11.945	1544	1550	1552	rBV7	22367	45481	1.44%	0.100%
38	12.021	1557	1563	1569	rVB4	99361	175148	5.53%	0.385%
39	12.091	1569	1575	1580	rBV4	49834	109526	3.46%	0.241%
40	12.262	1596	1604	1613	rVB4	31820	106437	3.36%	0.234%
41	12.332	1613	1616	1619	rBV5	27740	40744	1.29%	0.090%
42	12.368	1620	1622	1628	rVB6	39769	53756	1.70%	0.118%
43	12.432	1628	1633	1638	rBV6	36857	84105	2.65%	0.185%
44	12.585	1653	1659	1662	rBV7	40055	75691	2.39%	0.167%
45	12.703	1676	1679	1682	rBV3	50386	81842	2.58%	0.180%
46	12.744	1684	1686	1689	rVB3	48927	50787	1.60%	0.112%
47	12.920	1712	1716	1723	rVB2	66639	112419	3.55%	0.247%
48	13.008	1723	1731	1734	rBV9	71985	170012	5.37%	0.374%
49	13.096	1741	1746	1754	rVB9	80937	212128	6.70%	0.467%
50	13.214	1761	1766	1772	rBV10	53795	101495	3.20%	0.223%
51	13.278	1772	1777	1781	rBV7	56303	132232	4.17%	0.291%
52	13.355	1785	1790	1795	rBV2	191926	303942	9.59%	0.669%
53	13.402	1795	1798	1804	rVB2	94468	139245	4.40%	0.306%
54	13.560	1820	1825	1827	rBV6	49110	74111	2.34%	0.163%
55	13.643	1834	1839	1845	rVB7	72129	165299	5.22%	0.364%
56	13.742	1853	1856	1862	rVB8	46107	66903	2.11%	0.147%
57	13.813	1862	1868	1871	rBV5	62052	136224	4.30%	0.300%
58	13.895	1878	1882	1884	rBV5	56494	85695	2.70%	0.189%
59	14.042	1898	1907	1916	rVB9	116157	360937	11.39%	0.794%
60	14.136	1918	1923	1925	rBV6	47259	78846	2.49%	0.173%
61	14.183	1926	1931	1936	rVV4	117658	249940	7.89%	0.550%
62	14.254	1936	1943	1948	rVV	1000007	1717421	54.21%	3.779%
63	14.301	1948	1951	1956	rVB2	279494	397160	12.54%	0.874%
64	14.500	1976	1985	1989	rBV2	170738	286199	9.03%	0.630%
65	14.559	1989	1995	2004	rVB	957258	1788551	56.45%	3.935%
66	14.724	2019	2023	2027	rBV7	60996	84973	2.68%	0.187%
67	14.782	2029	2033	2035	rBV4	62331	85488	2.70%	0.188%
68	14.818	2035	2039	2042	rVV2	285294	437850	13.82%	0.963%
69	14.865	2042	2047	2056	rVB	1025103	1778965	56.15%	3.914%
70	15.047	2073	2078	2090	rVB3	465493	793504	25.05%	1.746%
71	15.153	2090	2096	2102	rBV2	299913	515786	16.28%	1.135%

LSC Area Percent Report

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Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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	15.317	2121	2124	2128	rBV4	66558	111789	3.53%	0.246%
73	15.370	2128	2133	2143	rVB5	157733	329524	10.40%	0.725%
74	15.464	2144	2149	2154	rBV7	93603	177184	5.59%	0.390%
75	15.523	2154	2159	2162	rBV2	184801	306261	9.67%	0.674%
76	15.617	2170	2175	2193	rVB4	208597	567593	17.92%	1.249%
77	15.846	2205	2214	2220	rBV	1339246	2223692	70.19%	4.893%
78	15.963	2228	2234	2243	rBV	519429	781959	24.68%	1.720%
79	16.057	2246	2250	2254	rVB4	81245	109112	3.44%	0.240%
80	16.163	2264	2268	2269	rBV4	60054	70431	2.22%	0.155%
81	16.275	2284	2287	2295	rBV9	55039	130570	4.12%	0.287%
82	16.404	2305	2309	2310	rBV4	48295	60267	1.90%	0.133%
83	16.433	2311	2314	2323	rVB3	130597	294462	9.29%	0.648%
84	16.516	2325	2328	2330	rBV4	72391	108496	3.42%	0.239%
85	16.551	2330	2334	2340	rVB2	153625	276393	8.72%	0.608%
86	16.739	2361	2366	2374	rVB2	517360	754326	23.81%	1.660%
87	16.821	2375	2380	2386	rBV2	305934	407027	12.85%	0.896%
88	16.950	2399	2402	2407	rBV7	51334	96869	3.06%	0.213%
89	17.127	2430	2432	2441	rVB8	75764	131842	4.16%	0.290%
90	17.285	2453	2459	2460	rBV3	60638	108221	3.42%	0.238%
91	17.438	2482	2485	2493	rVB7	70492	117220	3.70%	0.258%
92	17.603	2506	2513	2522	rBV	1398938	2277788	71.90%	5.012%
93	17.703	2524	2530	2539	rVB	1568622	2501079	78.94%	5.503%
94	18.443	2651	2656	2660	rBV7	140058	217210	6.86%	0.478%
95	19.700	2867	2870	2873	rVB5	60737	69493	2.19%	0.153%
96	19.976	2910	2917	2929	rBV2	2039527	3162005	99.81%	6.957%
97	21.475	3167	3172	3181	rVB4	106532	189816	5.99%	0.418%
98	21.898	3236	3244	3251	rVB	1674990	3008050	94.95%	6.618%
99	25.070	3774	3784	3799	rVB2	1046240	3168151	100.00%	6.971%
100	25.311	3815	3825	3836	rVB2	936482	3004336	94.83%	6.610%

Sum of corrected areas: 45449893

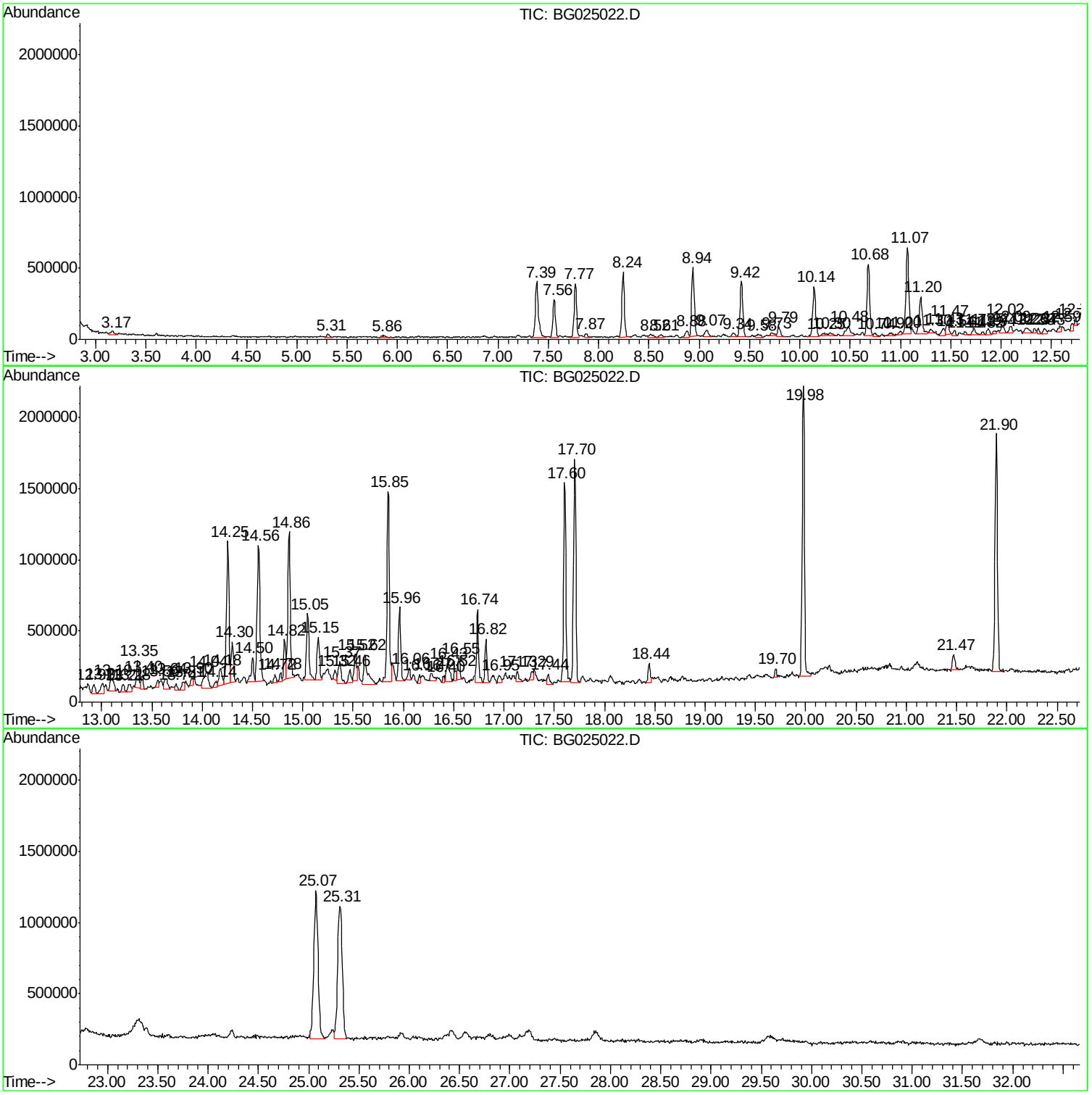
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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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Quant Title : SVOA CALIBRATION

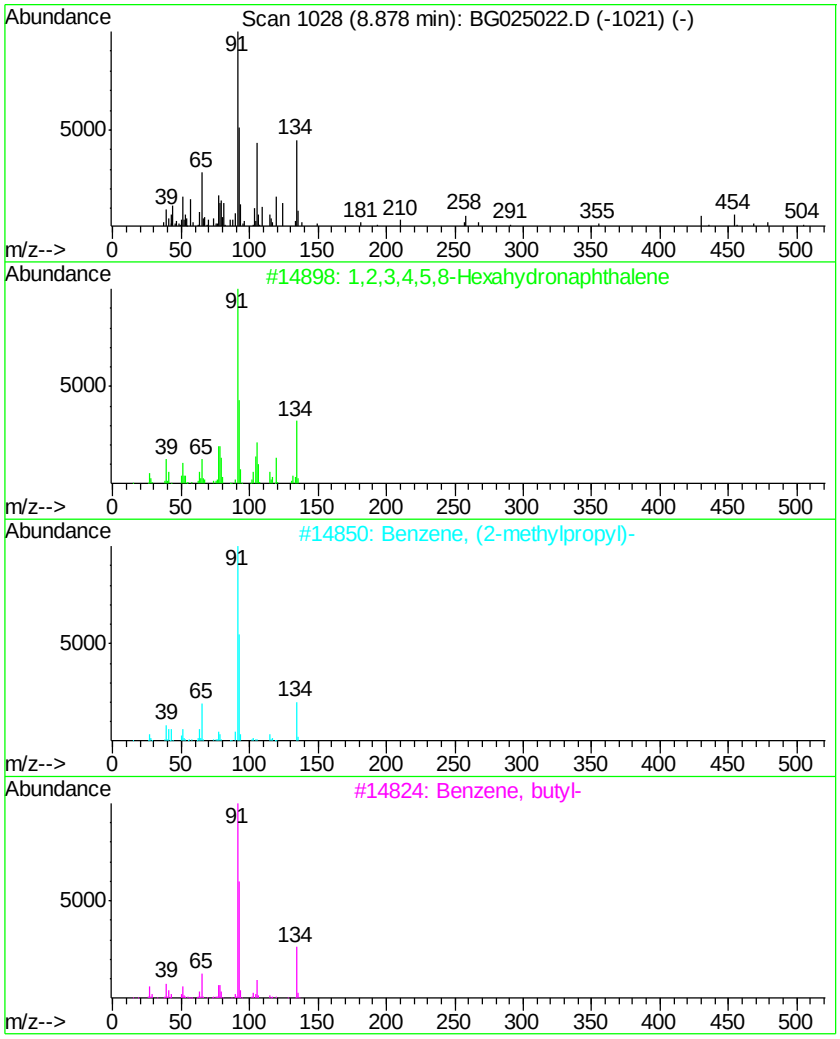
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

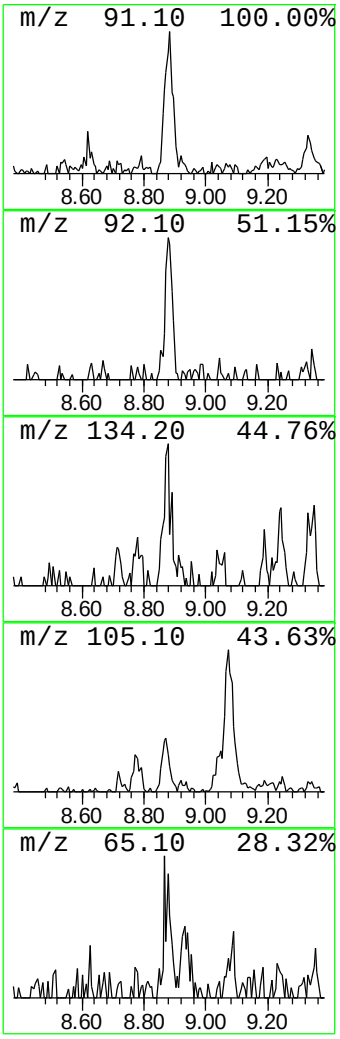
****

Peak Number 1 1,2,3,4,5,8-Hexahydronaphth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	2.47 ng/ul	100350	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,5,8-Hexahydronaphthalene	134	C10H14	036231-13-7	64
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	64
3	Benzene, butyl-	134	C10H14	000104-51-8	64
4	Benzene, butyl-	134	C10H14	000104-51-8	64
5	Benzene, butyl-	134	C10H14	000104-51-8	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
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Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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

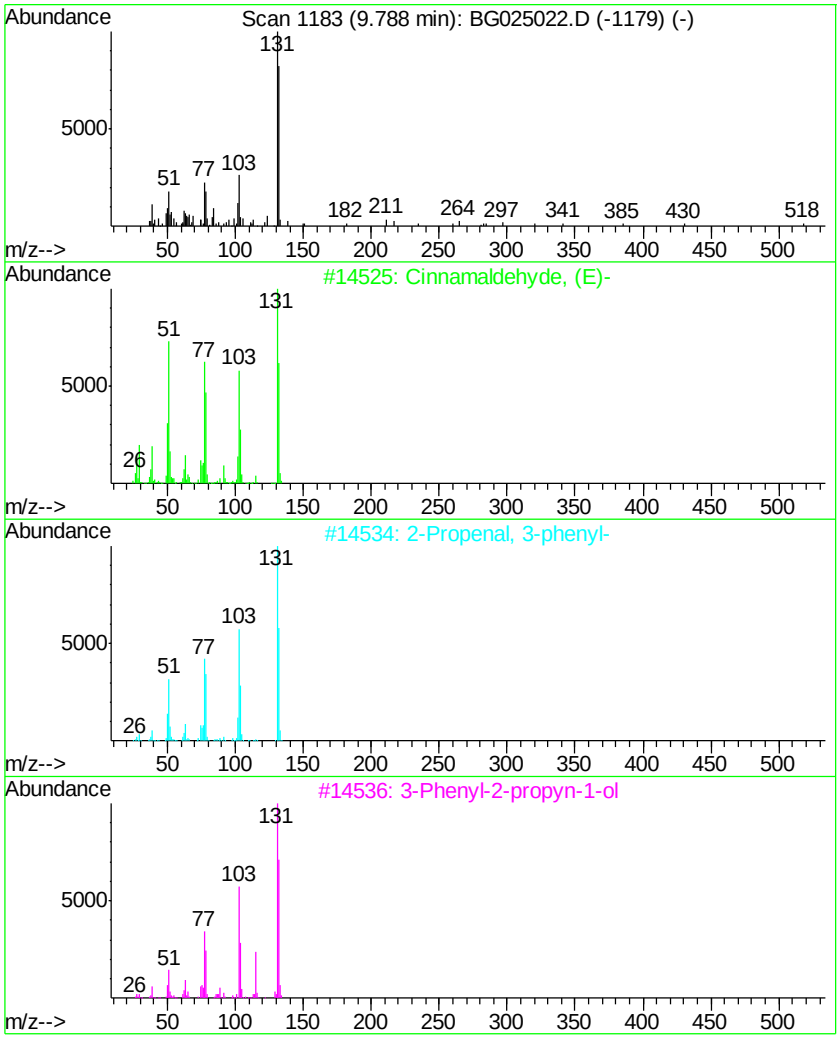
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

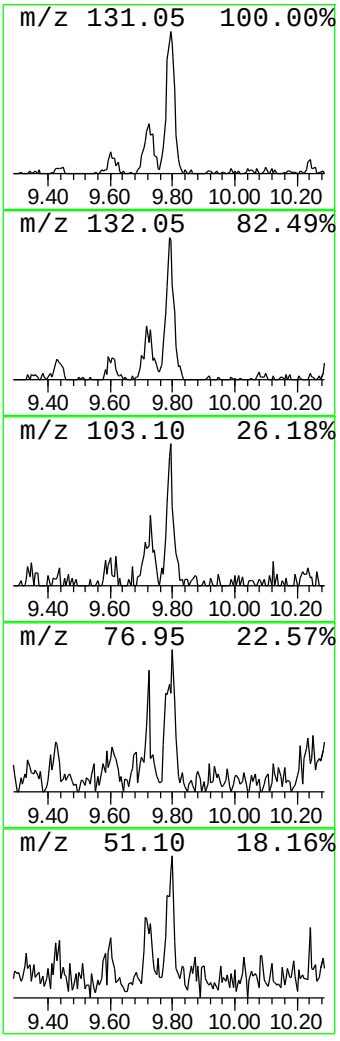
****

Peak Number 2 Cinnamaldehyde, (E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	2.40 ng/ul	135918	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : DA7Z0

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

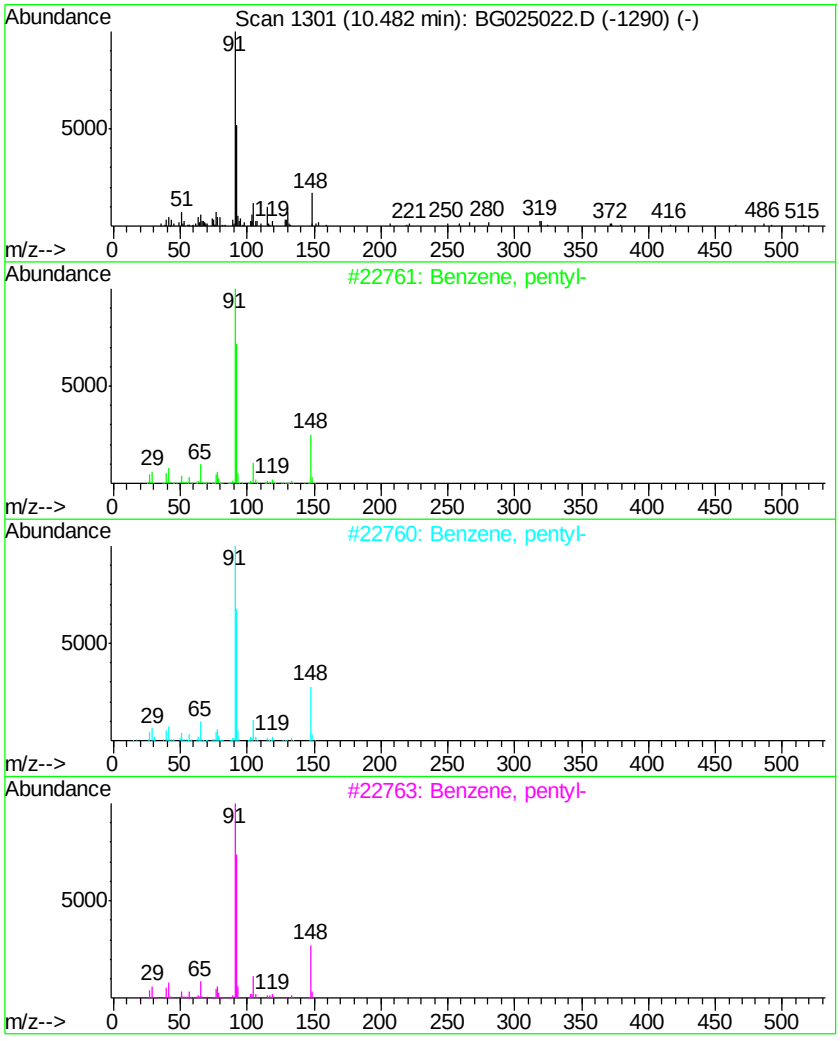
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

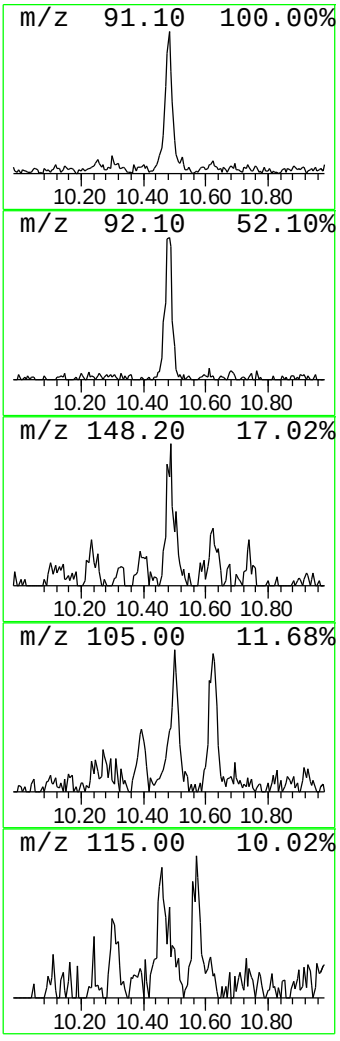
****

Peak Number 3 Benzene, pentyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	4.07 ng/ul	230401	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentyl-	148	C11H16	000538-68-1	64
2	Benzene, pentyl-	148	C11H16	000538-68-1	64
3	Benzene, pentyl-	148	C11H16	000538-68-1	64
4	Benzene, pentyl-	148	C11H16	000538-68-1	64
5	Benzene, (2-methylbutyl)-	148	C11H16	003968-85-2	50





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Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

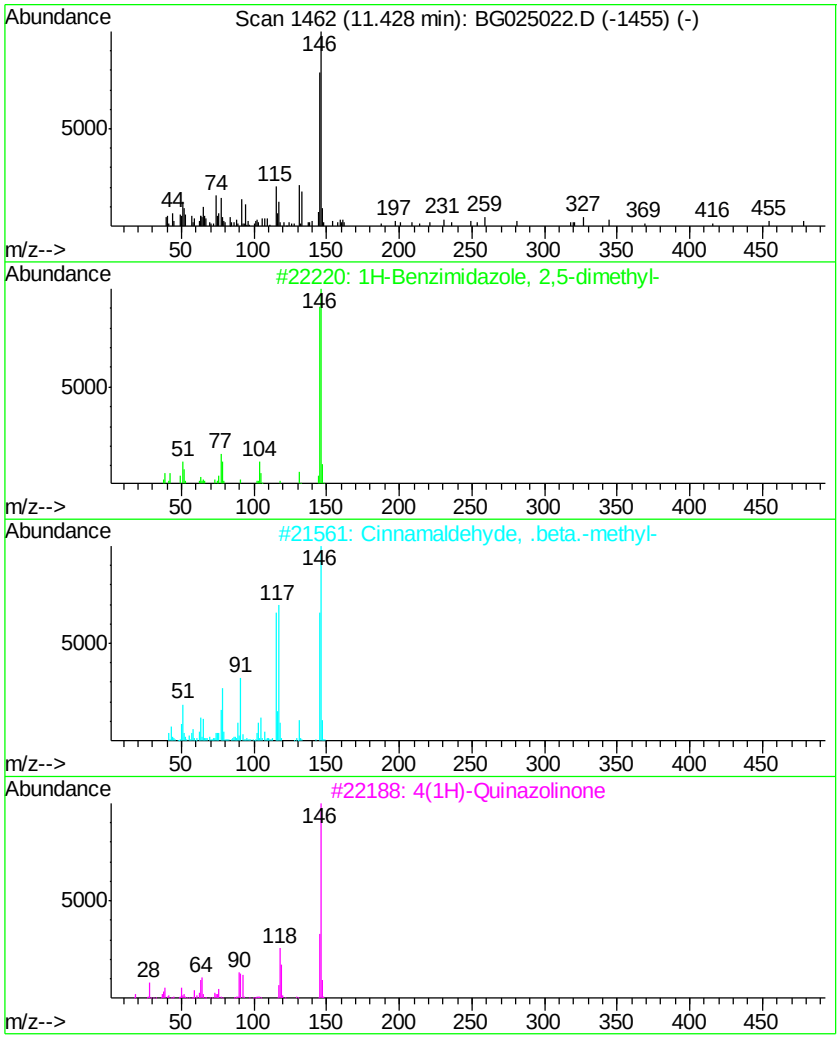
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

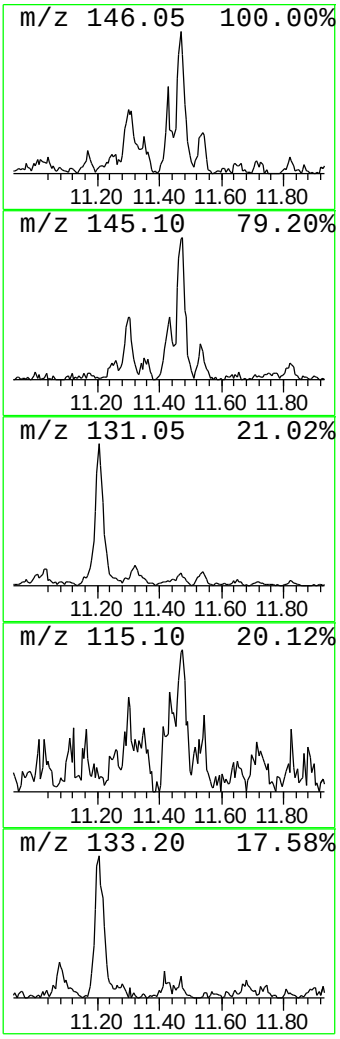
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Benzimidazole, 2,5-dimet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	2.12 ng/ul	119984	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	70
2	Cinnamaldehyde, .beta.-methyl-	146	C10H10O	001196-67-4	64
3	4(1H)-Quinazolinone	146	C8H6N2O	000491-36-1	38
4	Phthalazin-1-one	146	C8H6N2O	000119-39-1	30
5	3-Phenyl-1H-1,2,4-triazole	145	C8H7N3	003357-42-4	30





Library Search Compound Report

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Data File : BG025022.D
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Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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

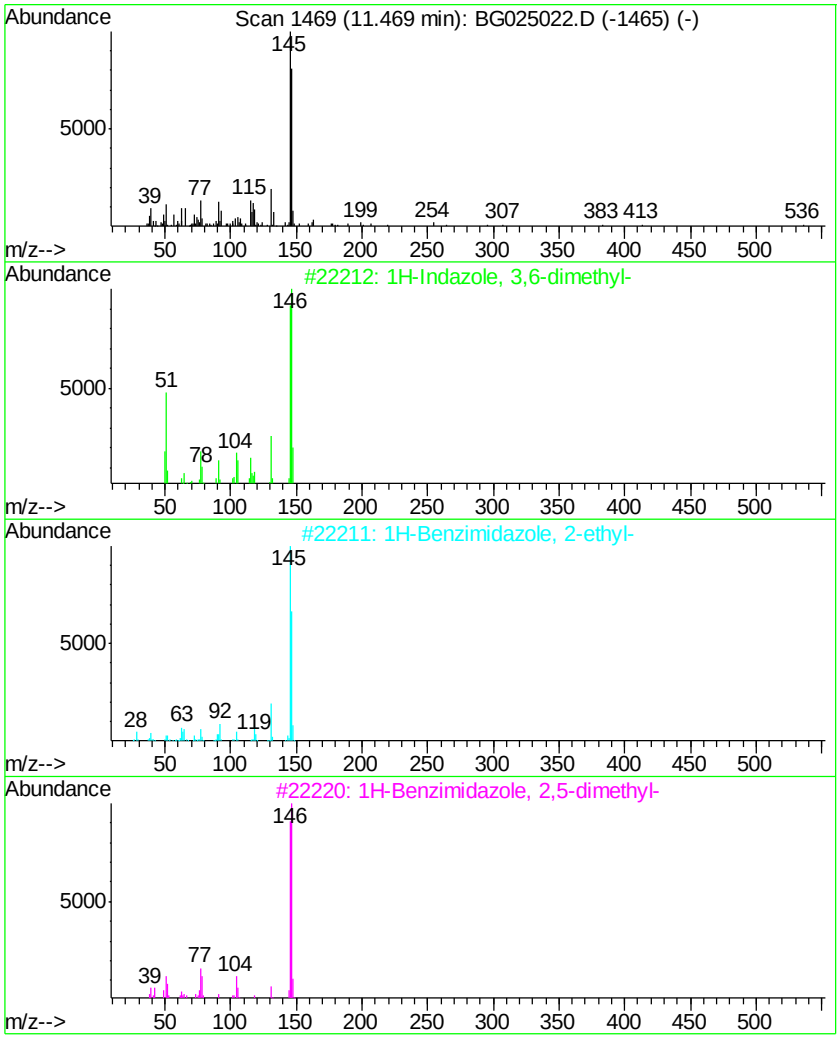
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

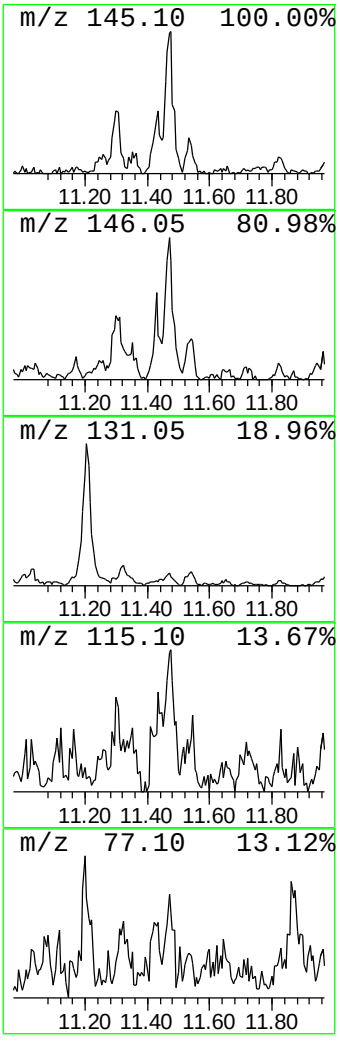
****

Peak Number 5 1H-Indazole, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	2.90 ng/ul	163895	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	86
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	80
3	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	72
4	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	70
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	64





Library Search Compound Report

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Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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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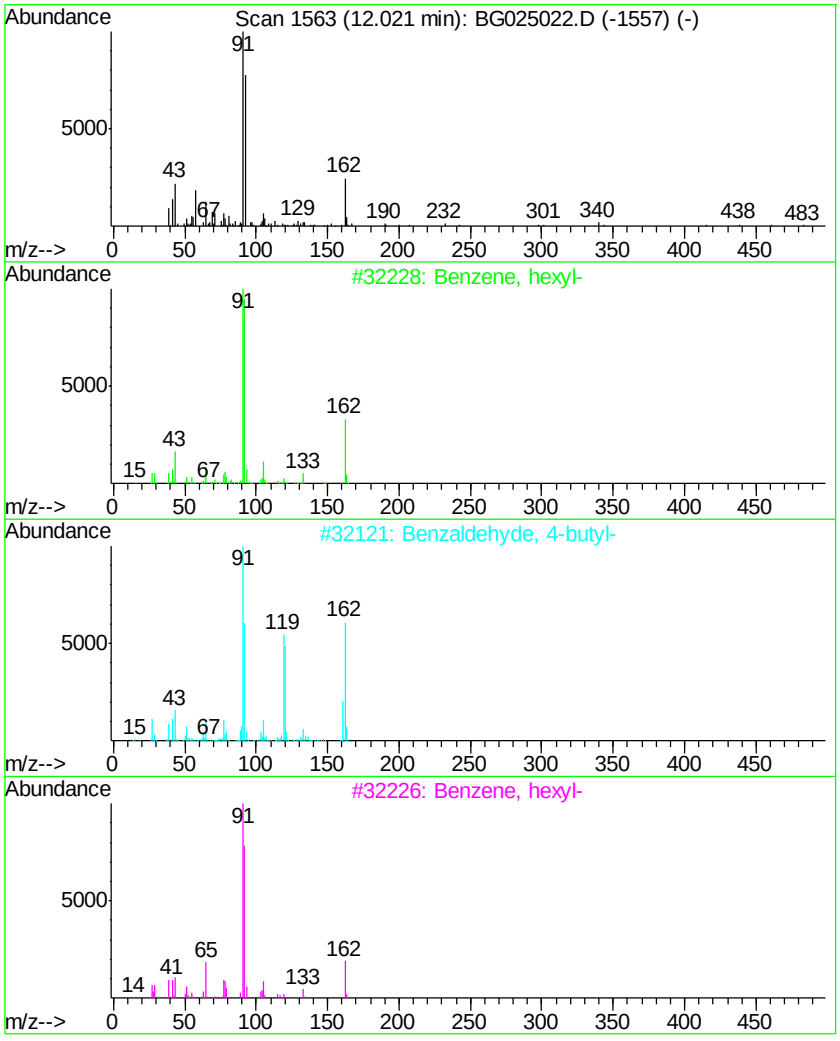
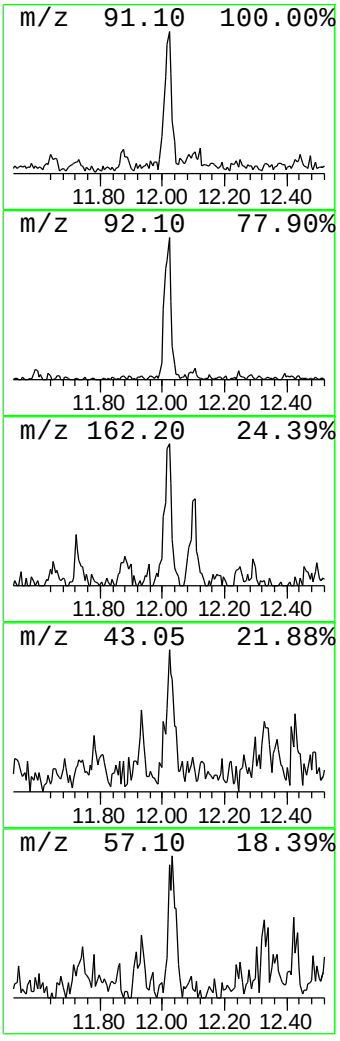
Peak Number 6 Benzene, hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.10 ng/ul	175148	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, hexyl-	162	C12H18	001077-16-3	72
2	Benzaldehyde, 4-butyl-	162	C11H14O	001200-14-2	64
3	Benzene, hexyl-	162	C12H18	001077-16-3	64
4	Benzene, hexyl-	162	C12H18	001077-16-3	64
5	Toluene	92	C7H8	000108-88-3	58





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Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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Quant Title : SVOA CALIBRATION

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

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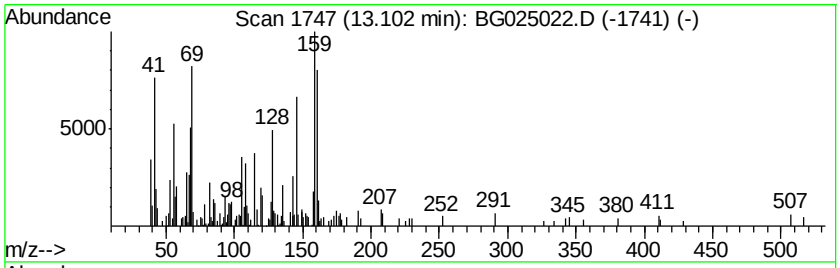
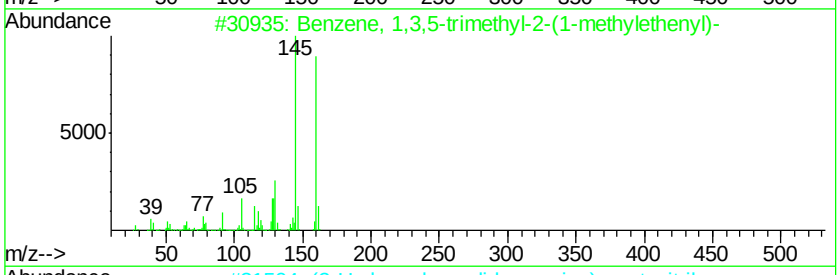
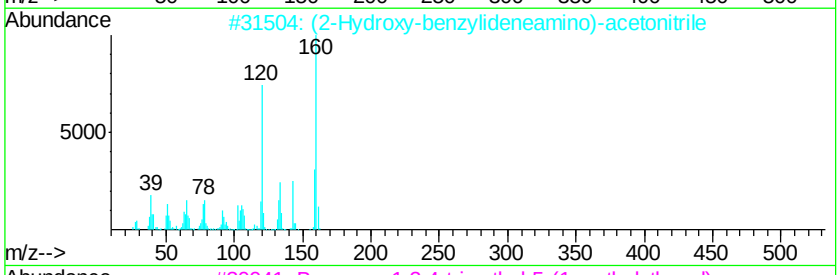
Peak Number 7 unknown-01 Concentration Rank 18

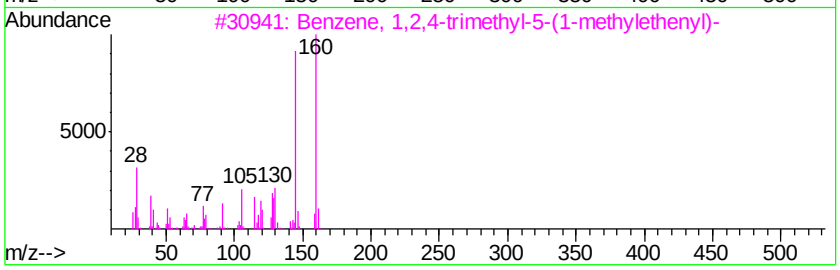
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.38 ng/ul	212128	Acenaphthene-d10	14.86

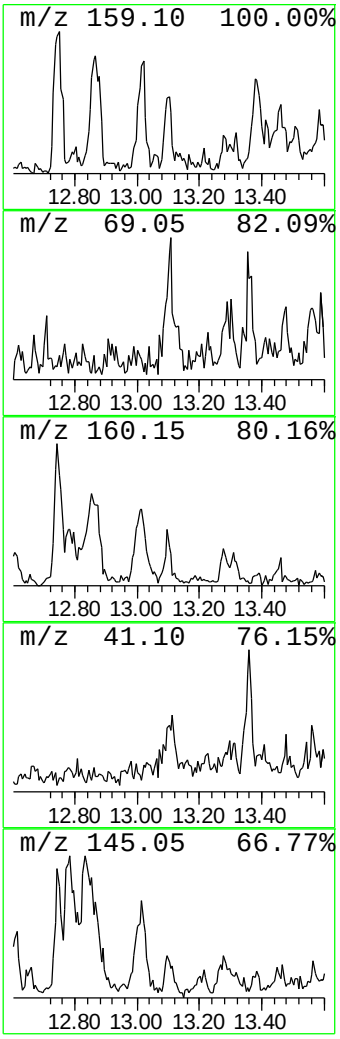
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	42
2	(2-Hydroxy-benzylideneamino)-ace...	160	C9H8N2O	122373-28-8	41
3	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	38
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	38











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Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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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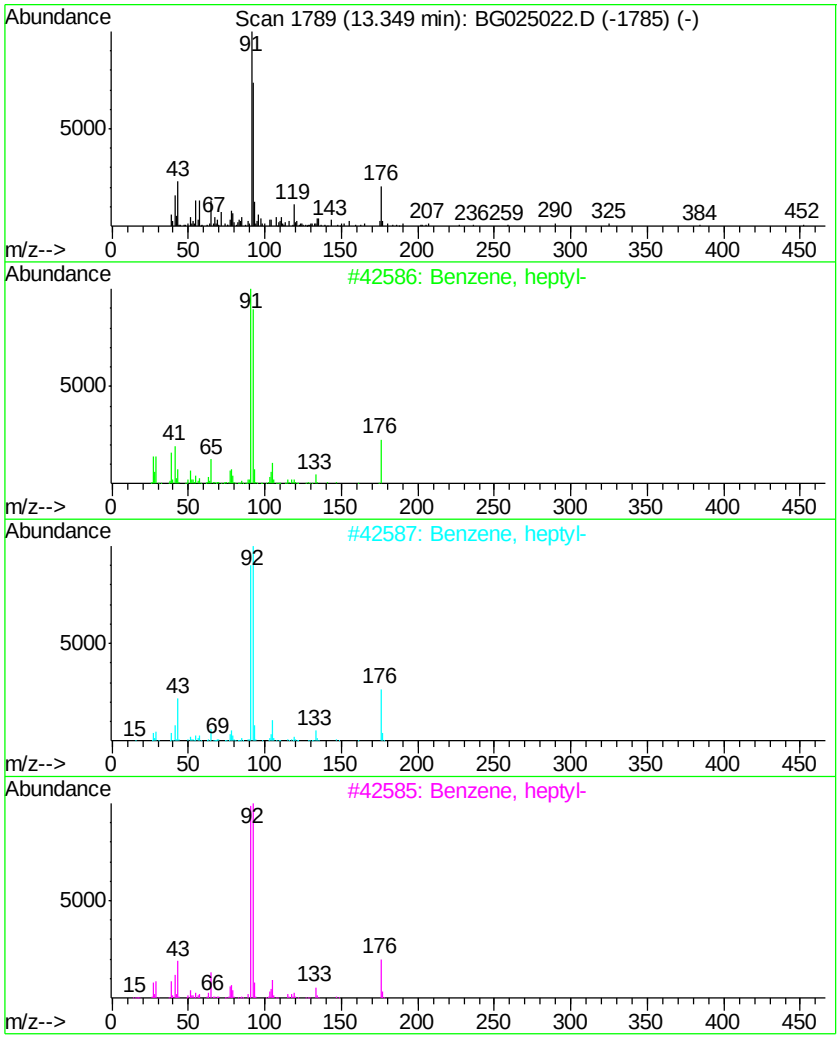
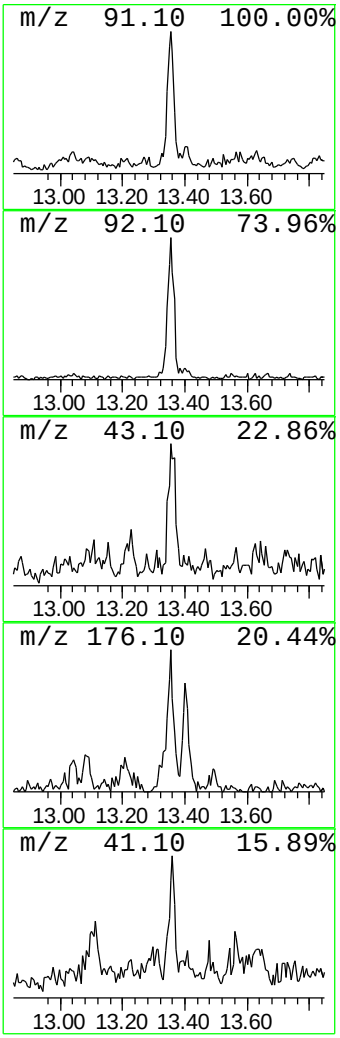
Peak Number 8 Benzene, heptyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	3.42 ng/ul	303942	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, heptyl-	176	C13H20	001078-71-3	80
2	Benzene, heptyl-	176	C13H20	001078-71-3	80
3	Benzene, heptyl-	176	C13H20	001078-71-3	72
4	Benzene, hexyl-	162	C12H18	001077-16-3	53
5	Benzene, hexyl-	162	C12H18	001077-16-3	53





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Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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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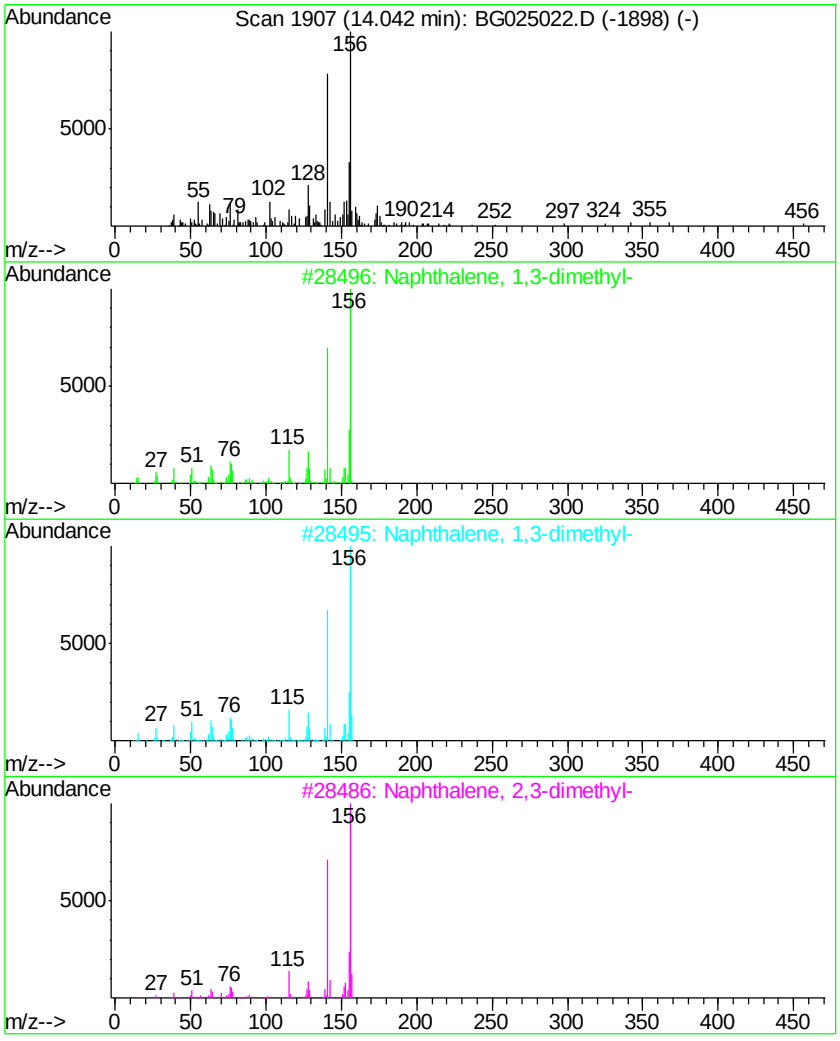
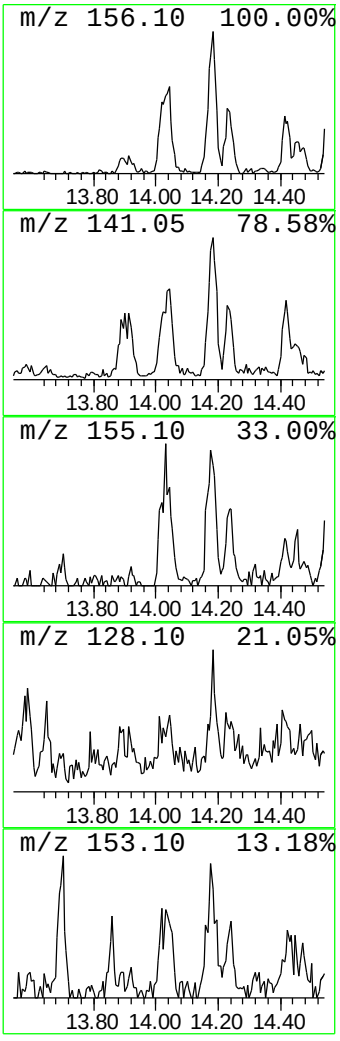
Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	4.06 ng/ul	360937	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90





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Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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Quant Title : SVOA CALIBRATION

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

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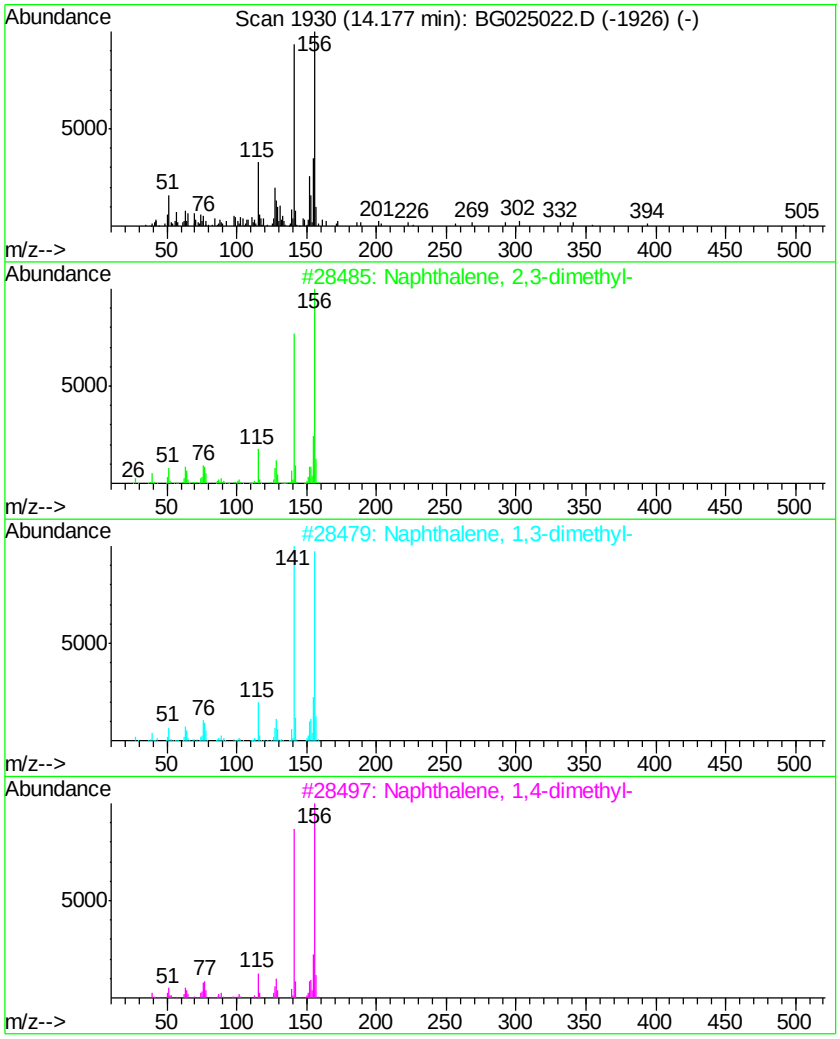
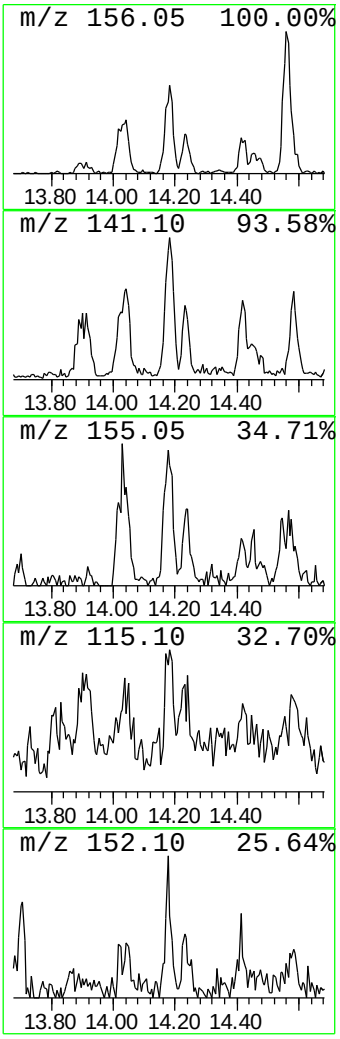
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	2.81 ng/ul	249940	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90





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Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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Quant Title : SVOA CALIBRATION

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

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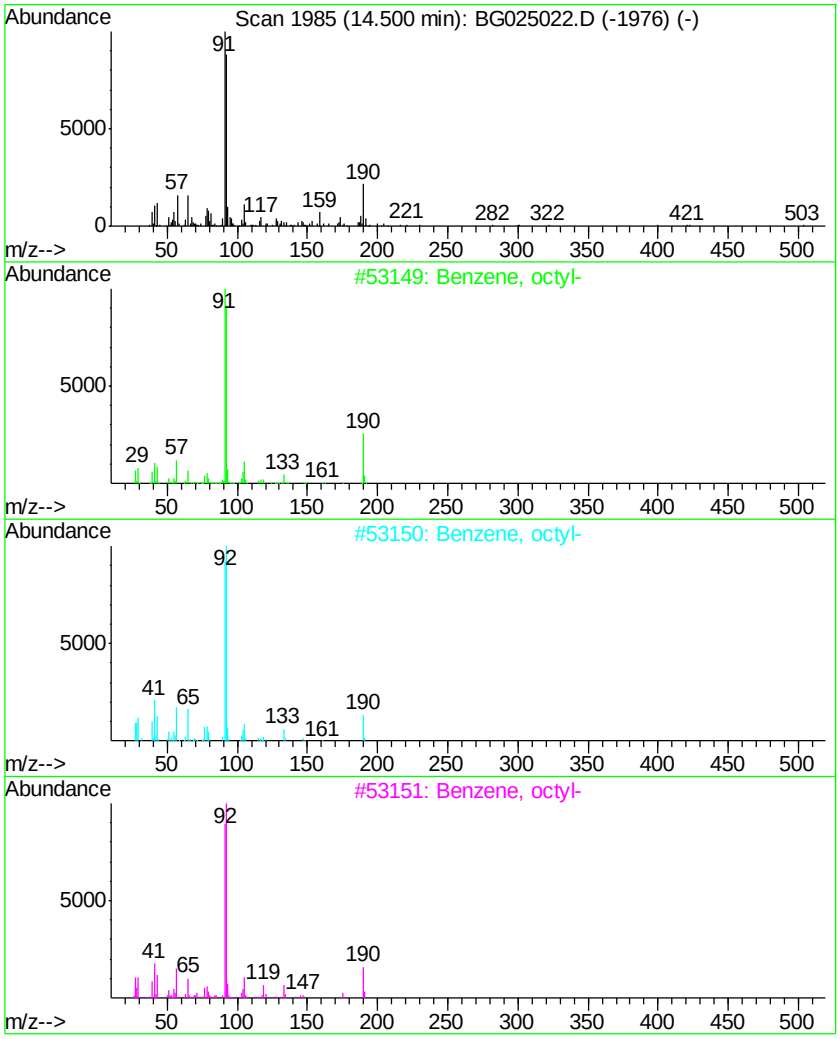
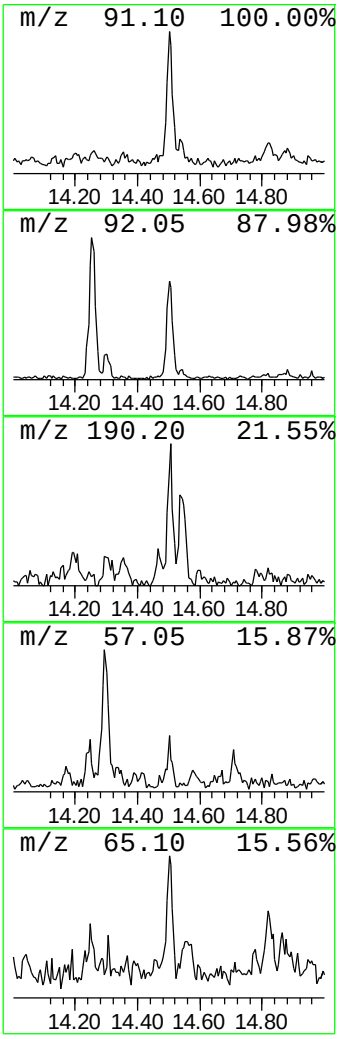
Peak Number 11 Benzene, octyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.22 ng/ul	286199	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, octyl-	190	C14H22	002189-60-8	83
2	Benzene, octyl-	190	C14H22	002189-60-8	83
3	Benzene, octyl-	190	C14H22	002189-60-8	72
4	Benzene, octyl-	190	C14H22	002189-60-8	72
5	7-Phenyl-1-heptyl chloride	210	C13H19Cl	071434-47-4	50





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Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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Quant Title : SVOA CALIBRATION

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

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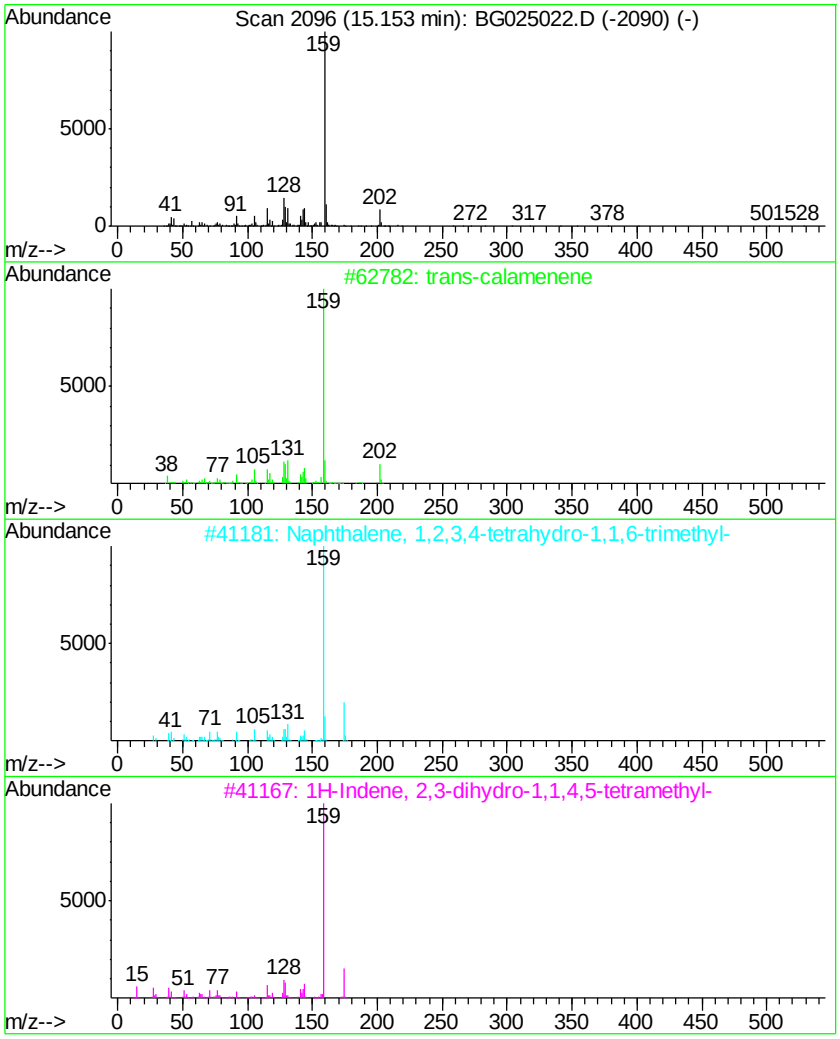
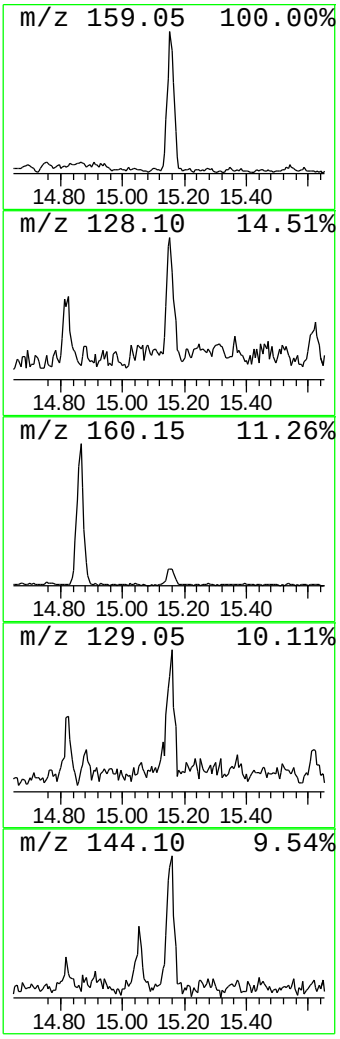
Peak Number 12 trans-calamenene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	5.80 ng/ul	515786	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-calamenene	202	C15H22	1000374-17-3	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	93
3	1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	93
4	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	90
5	Indan, 1,1,6,7-tetramethyl-	174	C13H18	016204-58-3	87





Library Search Compound Report

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Sample : H5863-13
Misc :
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Instrument : BNA_G
ClientSampleId : DA7Z0

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Quant Title : SVOA CALIBRATION

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

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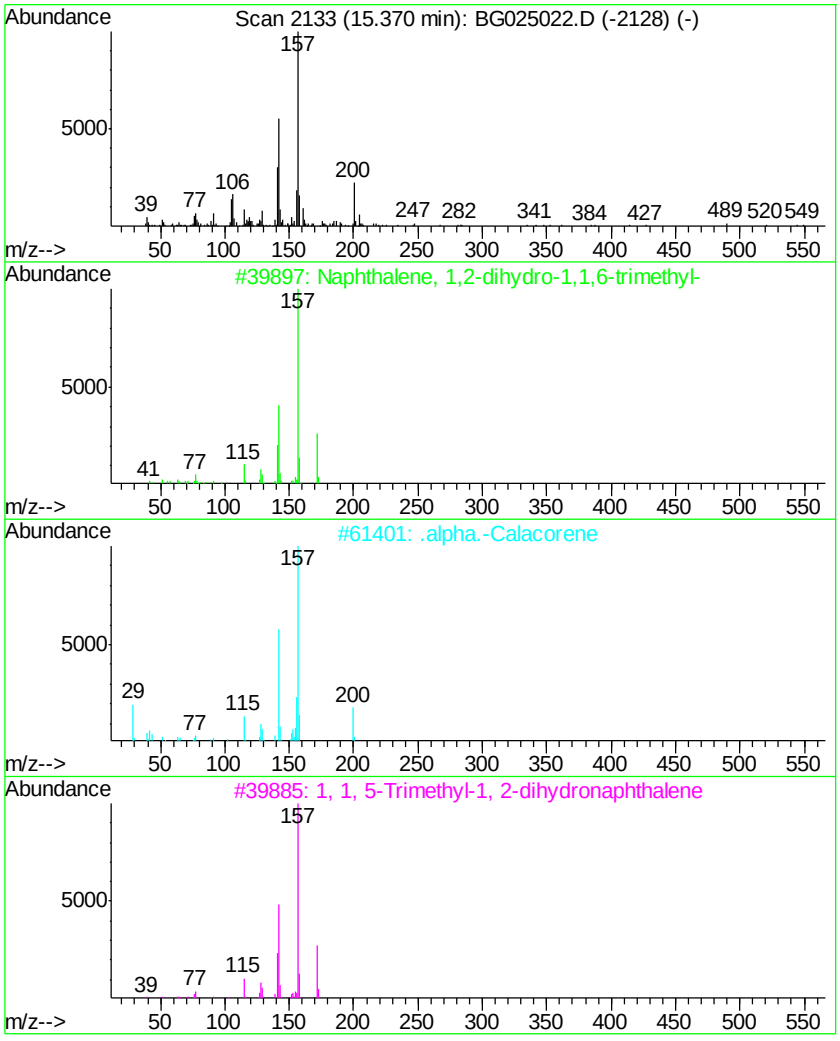
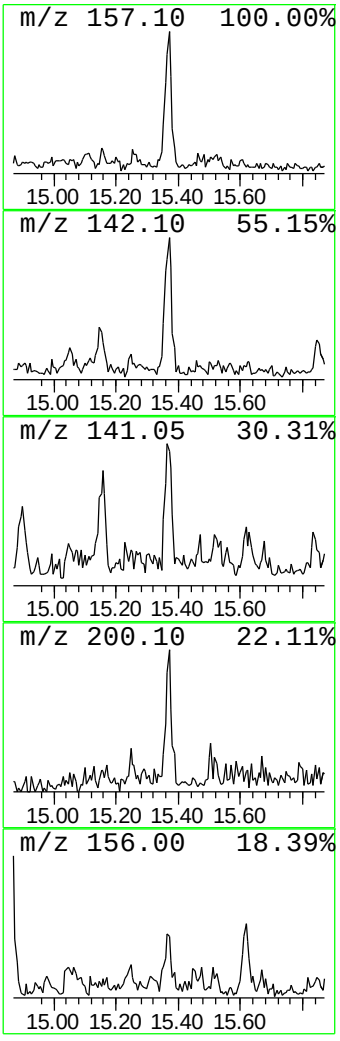
Peak Number 13 Naphthalene, 1,2-dihydro-1,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	3.70 ng/ul	329524	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1,1,6-t...	172	C13H16	030364-38-6	72
2	.alpha.-Calacorene	200	C15H20	021391-99-1	68
3	1, 1, 5-Trimethyl-1, 2-dihydrona...	172	C13H16	1000357-25-8	64
4	Cadala-1(10),3,8-triene	202	C15H22	1000140-05-6	56
5	Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	43





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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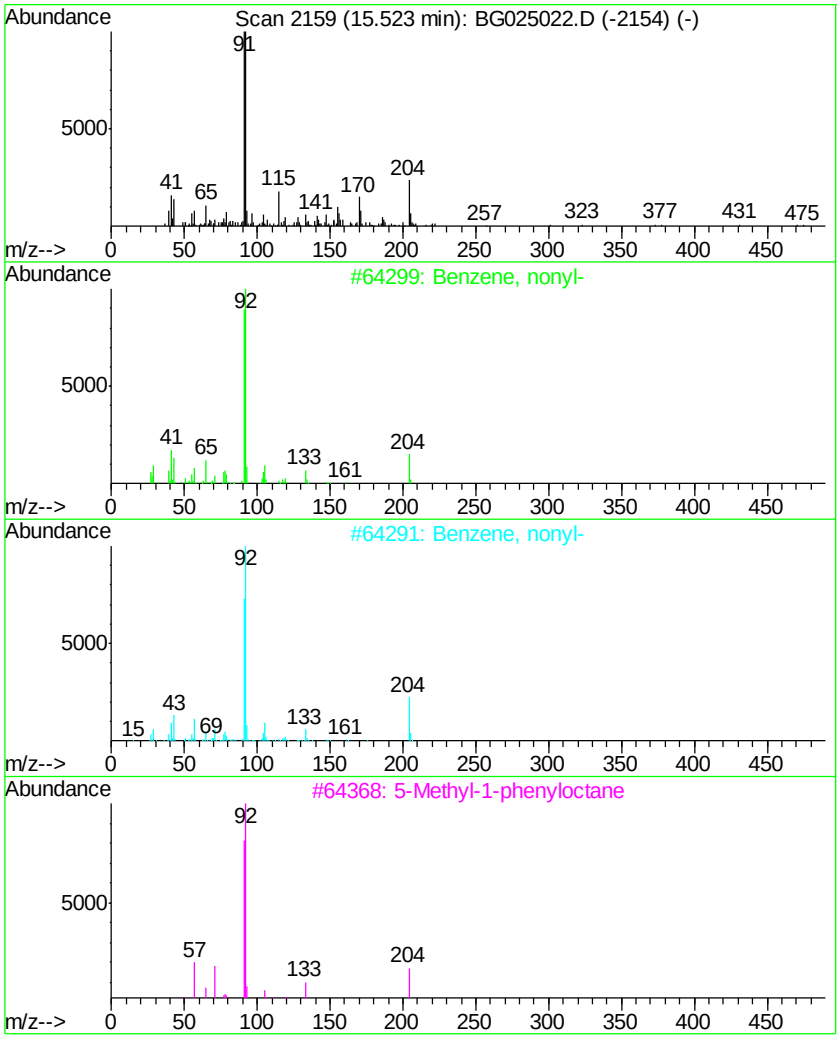
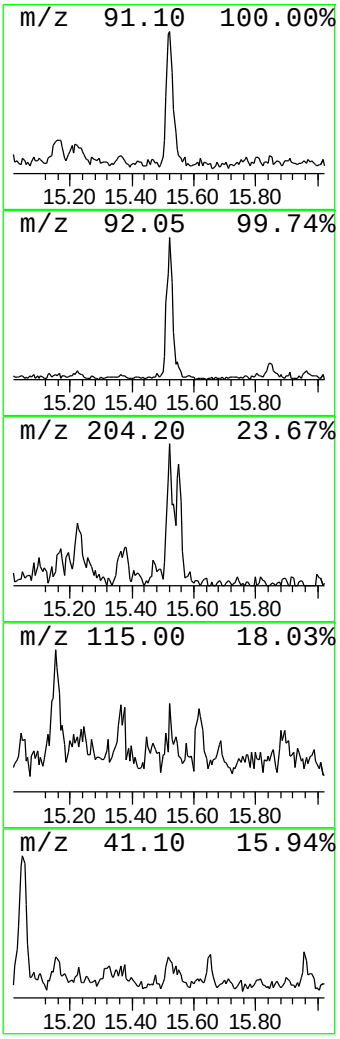
Peak Number 14 Benzene, nonyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	3.44 ng/ul	306261	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, nonyl-	204	C15H24	001081-77-2	76
2	Benzene, nonyl-	204	C15H24	001081-77-2	64
3	5-Methyl-1-phenyloctane	204	C15H24	100216-99-7	59
4	Benzene, (2-methylbutyl)-	148	C11H16	003968-85-2	49
5	Toluene	92	C7H8	000108-88-3	49





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Sample : H5863-13
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Instrument : BNA_G
ClientSampleId : DA7Z0

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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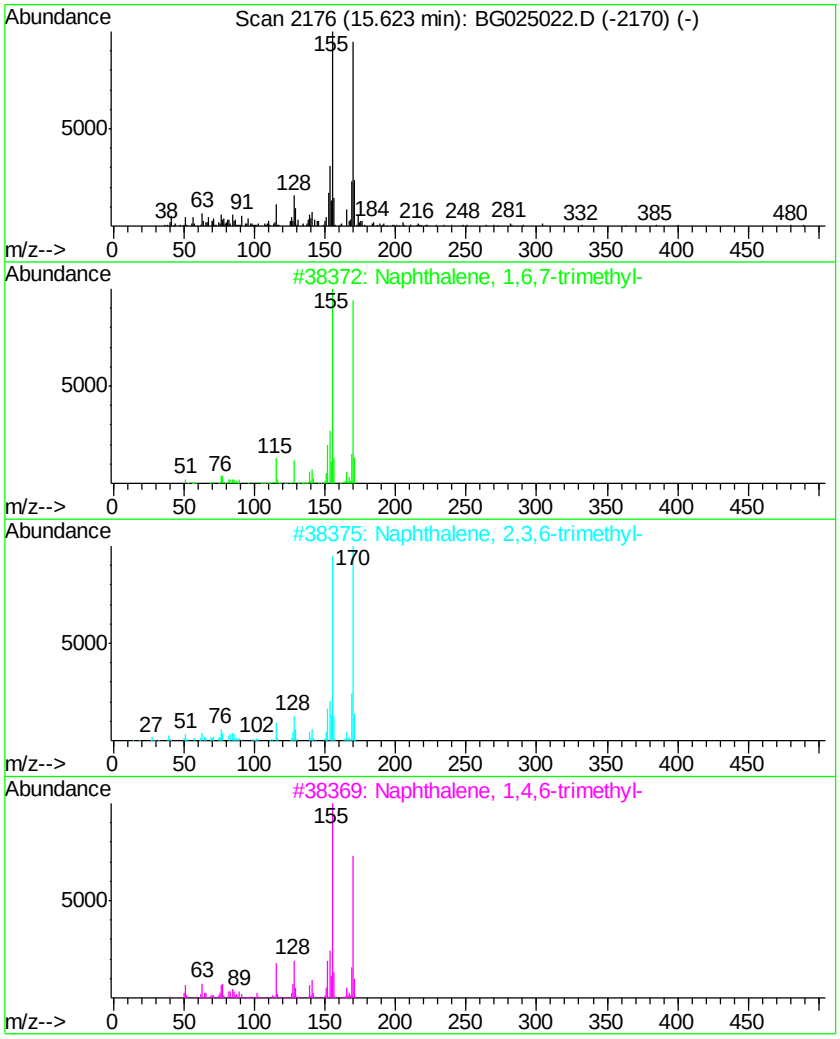
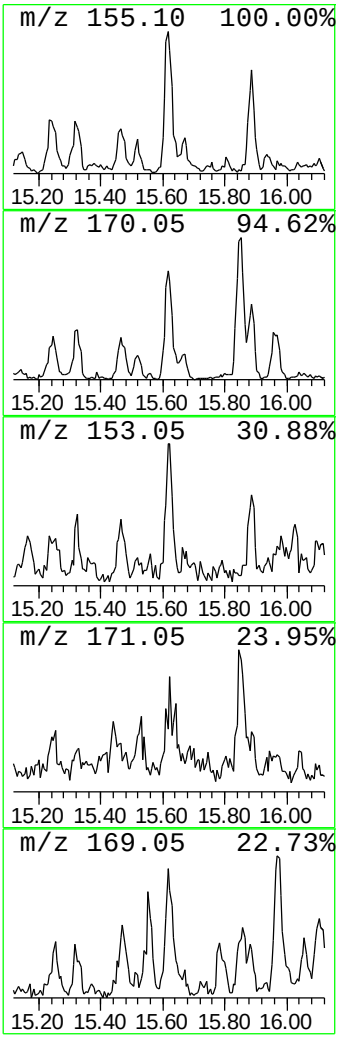
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	6.38 ng/ul	567593	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93





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ClientSampleId : DA7Z0

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Quant Title : SVOA CALIBRATION

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

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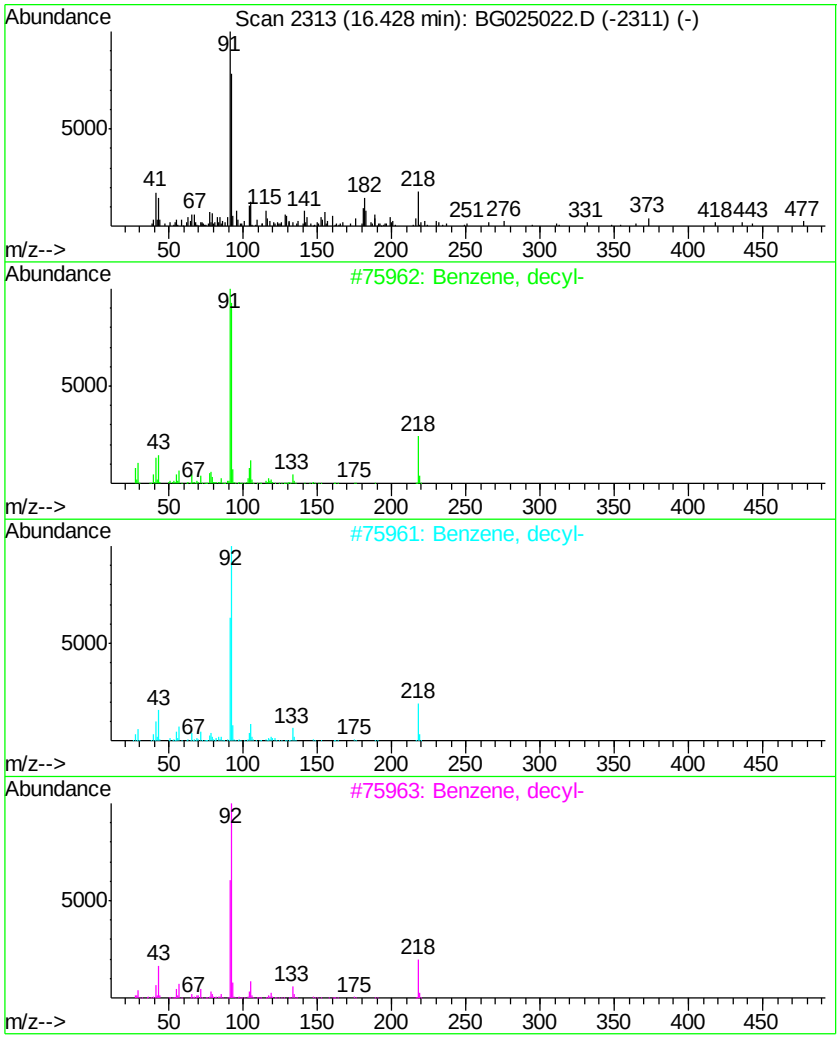
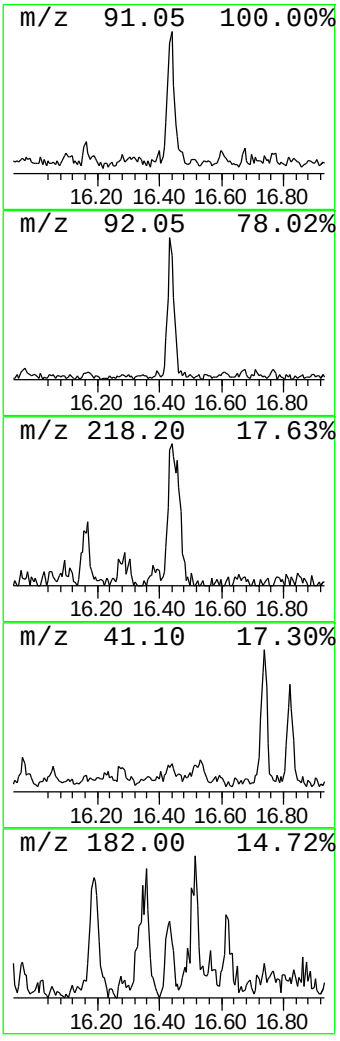
Peak Number 16 Benzene, decyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.59 ng/ul	294462	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, decyl-	218	C16H26	000104-72-3	68
2	Benzene, decyl-	218	C16H26	000104-72-3	58
3	Benzene, decyl-	218	C16H26	000104-72-3	53
4	1-Chloro-9-phenylnonane	238	C15H23Cl	027175-81-1	52
5	Benzene, undecyl-	232	C17H28	006742-54-7	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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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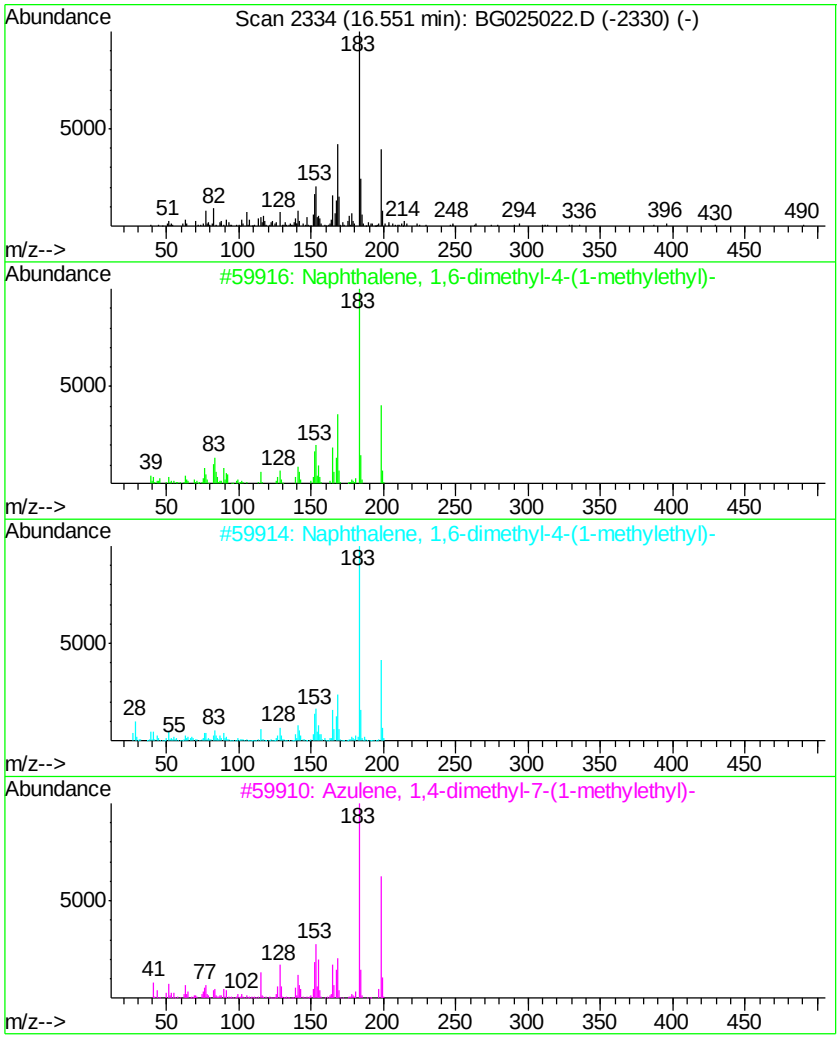
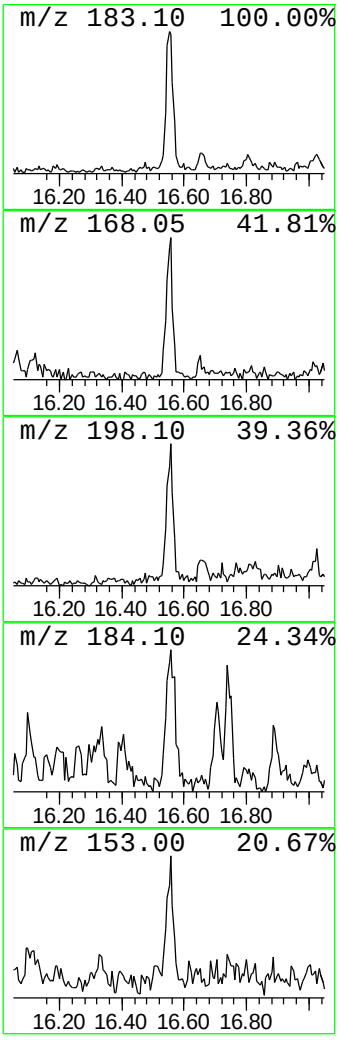
Peak Number 17 Naphthalene, 1,6-dimethyl-4... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	2.43 ng/ul	276393	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	93
2	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	91
3	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	90
4	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	83
5	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

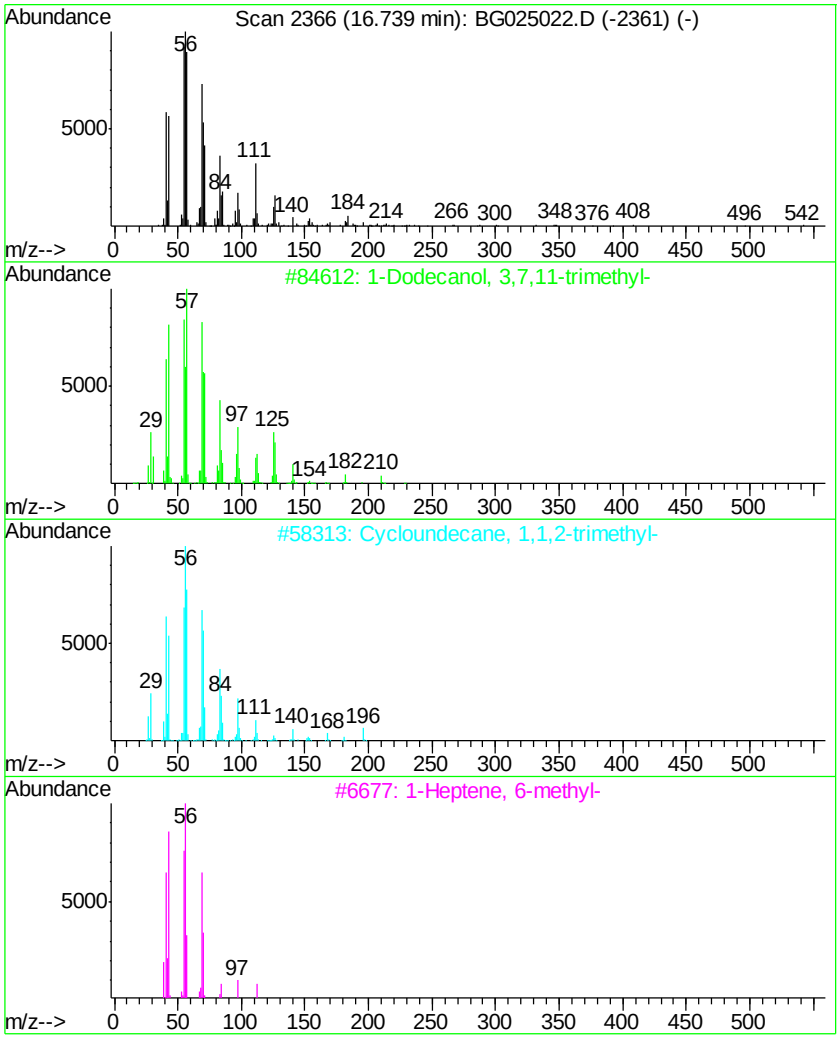
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

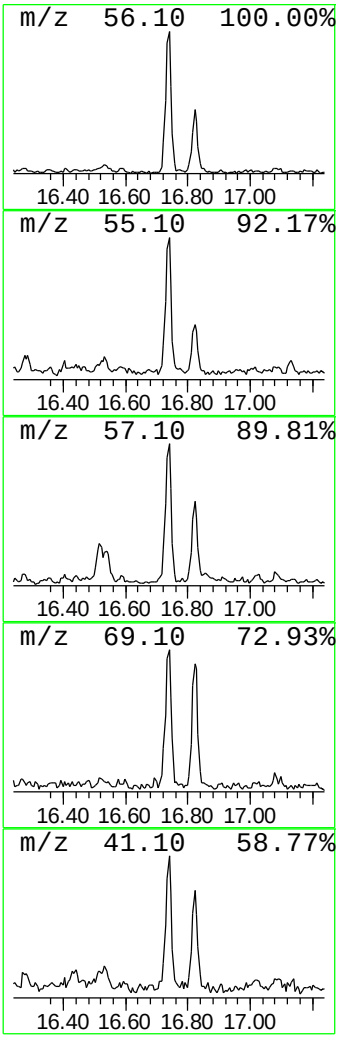
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1-Dodecanol, 3,7,11-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	6.62 ng/ul	754326	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	86
2	Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	58
3	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	55
4	Cyclopropane, 1-hexyl-2-methyl-	140	C10H20	062238-09-9	53
5	Tridecane, 7-methylene-	196	C14H28	019780-80-4	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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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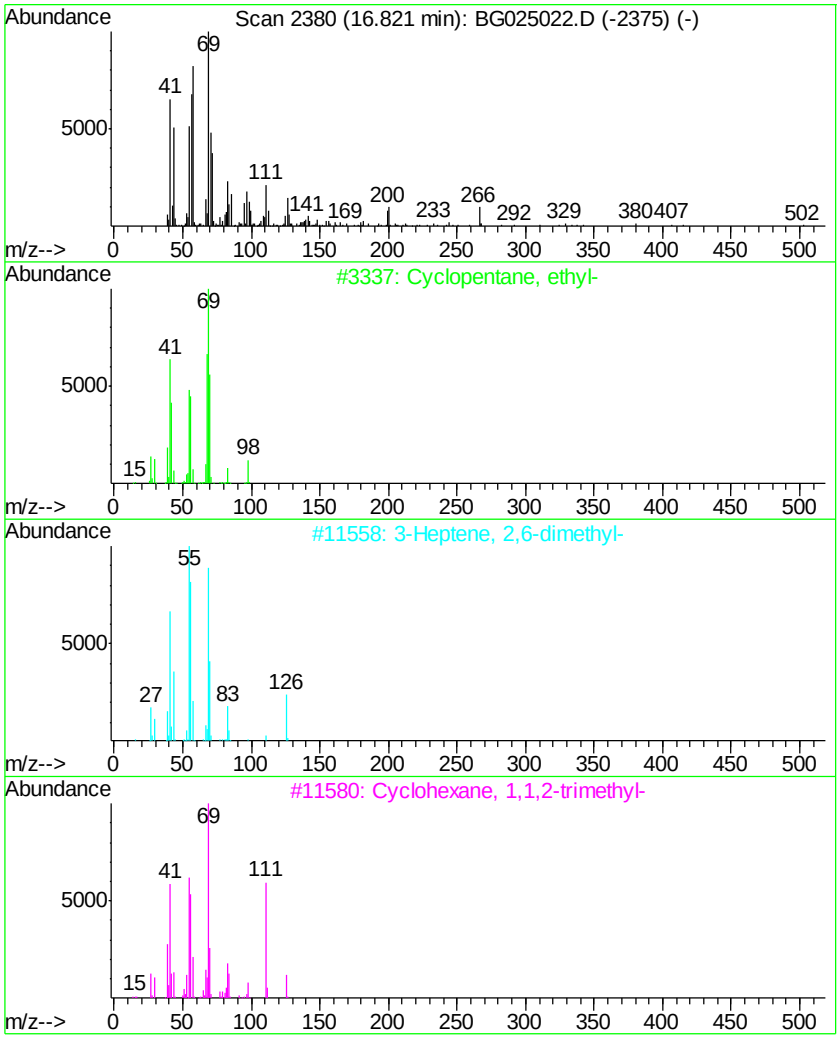
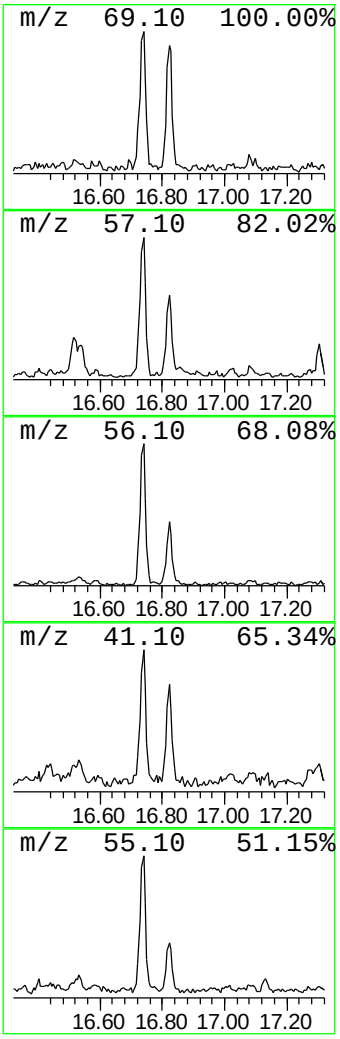
Peak Number 19 (DEL) Alkane: Cyclic16.82 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	3.57 ng/ul	407027	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	64
2	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	64
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	53
5	2-Methyl-2-octene	126	C9H18	016993-86-5	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025022.D
Acq On : 9 Dec 2016 1:13
Operator : UM/SJ
Sample : H5863-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z0

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
1,2,3,4,5,8-Hexah...	8.88	2.5	ng/ul	100350	1	8.24	814198	20.0
Cinnamaldehyde, (E)-	9.79	2.4	ng/ul	135918	2	11.07	1131790	20.0
Benzene, pentyl-	10.48	4.1	ng/ul	230401	2	11.07	1131790	20.0
1H-Benzimidazole,...	11.43	2.1	ng/ul	119984	2	11.07	1131790	20.0
1H-Indazole, 3,6-...	11.47	2.9	ng/ul	163895	2	11.07	1131790	20.0
Benzene, hexyl-	12.02	3.1	ng/ul	175148	2	11.07	1131790	20.0
unknown-01	13.10	2.4	ng/ul	212128	3	14.86	1778970	20.0
Benzene, heptyl-	13.35	3.4	ng/ul	303942	3	14.86	1778970	20.0
Naphthalene, 1,3-...	14.04	4.1	ng/ul	360937	3	14.86	1778970	20.0
Naphthalene, 2,3-...	14.18	2.8	ng/ul	249940	3	14.86	1778970	20.0
Benzene, octyl-	14.50	3.2	ng/ul	286199	3	14.86	1778970	20.0
trans-calamenene	15.15	5.8	ng/ul	515786	3	14.86	1778970	20.0
Naphthalene, 1,2-...	15.37	3.7	ng/ul	329524	3	14.86	1778970	20.0
Benzene, nonyl-	15.52	3.4	ng/ul	306261	3	14.86	1778970	20.0
Naphthalene, 1,6,...	15.62	6.4	ng/ul	567593	3	14.86	1778970	20.0
Benzene, decyl-	16.43	2.6	ng/ul	294462	4	17.60	2277790	20.0
Naphthalene, 1,6-...	16.55	2.4	ng/ul	276393	4	17.60	2277790	20.0
1-Dodecanol, 3,7,...	16.74	6.6	ng/ul	754326	4	17.60	2277790	20.0
(DEL) Alkane: Cyc...	16.82	3.6	ng/ul	407027	4	17.60	2277790	20.0