LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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	5.840	501	511	521	rVB2	187808	444656	11.04%	0.511%
2	7.868	851	856	865	rVB	226772	406887	10.10%	0.468%
3	8.238	911	919	928	rVB	643720	1153496	28.63%	1.326%
4	9.013	1044	1051	1070	rVB2	308374	720274	17.88%	0.828%
5	9.430	1115	1122	1129	rVB4	213669	428913	10.65%	0.493%
6	9.712	1166	1170	1177	rVV3	220780	508783	12.63%	0.585%
7	9.789	1177	1183	1191	rVB	545304	977938	24.27%	1.124%
8	10.218	1250	1256	1259	rBV	328502	592340	14.70%	0.681%
9	10.488	1288	1302	1306	rBV5	675060	1861852	46.21%	2.141%
10	10.523	1306	1308	1313	rVB2	261543	356662	8.85%	0.410%
11	10.688	1329	1336	1341	rBV4	253306	474931	11.79%	0.546%
12	10.870	1362	1367	1373	rBV4	178053	426914	10.60%	0.491%
13	10.987	1381	1387	1391	rBV2	171671	306078	7.60%	0.352%
14	11.064	1393	1400	1405	rBV	791903	1415425	35.13%	1.627%
15	11.117	1405	1409	1416	rVB	433852	734955	18.24%	0.845%
16	11.199	1416	1423	1428	rBV2	284748	529667	13.15%	0.609%
17	11.299	1434	1440	1453	rVB5	337282	1187138	29.47%	1.365%
18	11.422	1453	1461	1464	rVV4	490218	1002893	24.89%	1.153%
19	11.463	1464	1468	1476	rVV	870046	1828759	45.39%	2.103%
20	11.534	1476	1480	1484	rVV	281255	473198	11.75%	0.544%
21	11.587	1484	1489	1494	rVV	347784	590263	14.65%	0.679%
22	11.645	1494	1499	1507	rVV5	201646	515674	12.80%	0.593%
23	11.875	1532	1538	1546	rVV2	1371455	2378230	59.03%	2.734%
24	12.068	1565	1571	1575	rBV5	233684	513067	12.73%	0.590%
25	12.121	1575	1580	1588	rVV5	220824	684025	16.98%	0.786%
26	12.257	1595	1603	1609	rVB4	231154	683585	16.97%	0.786%
27	12.421	1627	1631	1643	rVB3	309491	749303	18.60%	0.862%
28	12.586	1649	1659	1668	rVB6	263853	823563	20.44%	0.947%
29	12.703	1673	1679	1683	rBV	1149905	1919513	47.64%	2.207%
30	12.744	1683	1686	1689	rVB2	327692	400059	9.93%	0.460%
31	12.821	1696	1699	1703	rBV2	246840	392947	9.75%	0.452%
32	12.920	1711	1716	1723	rVB	737331	1248045	30.98%	1.435%
33	13.009	1723	1731	1734	rBV2	421121	774796	19.23%	0.891%
34	13.050	1734	1738	1741	rVV	306162	469515	11.65%	0.540%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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	13.097	1741	1746	1760	rVB9	275405	835769	20.74%	0.961%
36	13.208	1760	1765	1770	rBV6	262524	481512	11.95%	0.554%
37	13.267	1770	1775	1780	rBV6	231487	414517	10.29%	0.477%
38	13.555	1815	1824	1826	rBV2	258969	638472	15.85%	0.734%
39	13.578	1826	1828	1833	rVV4	290246	473370	11.75%	0.544%
40	13.643	1833	1839	1844	rVV5	486097	875770	21.74%	1.007%
41	13.690	1844	1847	1852	rVV	193356	305436	7.58%	0.351%
42	13.825	1860	1870	1877	rBV6	211734	828183	20.56%	0.952%
43	13.890	1877	1881	1890	rVV4	309595	833654	20.69%	0.959%
44	14.043	1895	1907	1918	rVB8	423877	1556007	38.62%	1.789%
45	14.178	1918	1930	1935	rBV2	563632	1317126	32.69%	1.514%
46	14.231	1935	1939	1947	rVV3	664133	1355889	33.65%	1.559%
47	14.419	1964	1971	1977	rBV4	229495	480848	11.94%	0.553%
48	14.495	1981	1984	1988	rVB2	217314	314633	7.81%	0.362%
49	14.566	1988	1996	2002	rBV5	314824	1006732	24.99%	1.158%
50	14.630	2002	2007	2012	rVV5	264320	406972	10.10%	0.468%
51	14.707	2016	2020	2025	rVB	606418	809247	20.09%	0.930%
52	14.812	2034	2038	2042	rBV2	486927	802818	19.93%	0.923%
53	14.859	2042	2046	2051	rVV	1278656	1932325	47.96%	2.222%
54	15.083	2080	2084	2090	rVB7	294176	474544	11.78%	0.546%
55	15.147	2090	2095	2104	rBV3	280852	569068	14.12%	0.654%
56	15.241	2104	2111	2119	rVV5	232127	761924	18.91%	0.876%
57	15.318	2119	2124	2128	rVV2	198408	335900	8.34%	0.386%
58	15.365	2128	2132	2142	rVB5	169737	357880	8.88%	0.411%
59	15.465	2143	2149	2153	rBV6	188280	385410	9.57%	0.443%
60	15.517	2153	2158	2166	rVB4	332822	619482	15.38%	0.712%
61	15.588	2166	2170	2172	rBV2	418743	544918	13.53%	0.627%
62	15.611	2172	2174	2177	rVV	383586	478856	11.89%	0.551%
63	15.647	2177	2180	2185	rVB	745446	933523	23.17%	1.073%
64	15.846	2210	2214	2217	rVV	231085	368219	9.14%	0.423%
65	15.888	2217	2221	2231	rVV5	380019	780164	19.36%	0.897%
66	16.452	2310	2317	2322	rVB4	514327	932267	23.14%	1.072%
67	16.510	2322	2327	2331	rBV	1089593	1528266	37.93%	1.757%
68	16.546	2331	2333	2340	rVB4	267089	343392	8.52%	0.395%
69	16.734	2356	2365	2369	rVV4	485802	713269	17.70%	0.820%
70	16.816	2374	2379	2385	rVB3	458404	629106	15.62%	0.723%
71	16.886	2385	2391	2397	rBV5	152457	320415	7.95%	0.368%

LSC Area Percent Report

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Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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	17.251	2449	2453	2457	rVV	343587	509441	12.64%	0.586%
73	17.298	2457	2461	2471	rVB	902456	1385637	34.39%	1.593%
74	17.603	2505	2513	2524	rVV2	1718903	2790291	69.26%	3.208%
75	17.697	2524	2529	2537	rVB2	278772	492683	12.23%	0.566%
76	17.997	2575	2580	2583	rBV2	266192	350635	8.70%	0.403%
77	18.038	2583	2587	2600	rVB	783560	1186383	29.45%	1.364%
78	18.684	2688	2697	2700	rBV3	299603	453789	11.26%	0.522%
79	18.720	2700	2703	2715	rVB	660005	932979	23.16%	1.073%
80	19.342	2806	2809	2818	rVB	453938	632983	15.71%	0.728%
81	19.842	2884	2894	2899	rBV	3408957	4028803	100.00%	4.632%
82	19.912	2904	2906	2910	rVV	470005	545367	13.54%	0.627%
83	19.953	2910	2913	2921	rVB2	676908	1190787	29.56%	1.369%
84	20.441	2988	2996	3007	rBV2	415508	725590	18.01%	0.834%
85	20.876	3065	3070	3075	rBV	2337524	2824848	70.12%	3.248%
86	20.940	3075	3081	3084	rVV2	415545	707025	17.55%	0.813%
87	20.982	3084	3088	3094	rVB2	303720	401010	9.95%	0.461%
88	21.463	3163	3170	3180	rVB	418575	755626	18.76%	0.869%
89	21.892	3236	3243	3251	rVB	1791035	3265320	81.05%	3.754%
90	22.027	3260	3266	3271	rVB	344169	534223	13.26%	0.614%
91	22.656	3368	3373	3382	rBV2	260539	437168	10.85%	0.503%
92	23.379	3491	3496	3504	rVB2	295507	528258	13.11%	0.607%
93	24.219	3633	3639	3648	rBV	255878	580399	14.41%	0.667%
94	25.071	3776	3784	3794	rVB3	176393	512825	12.73%	0.590%
95	25.218	3802	3809	3815	rBV	261729	628254	15.59%	0.722%
96	25.312	3815	3825	3841	rVB2	1083349	3380615	83.91%	3.887%
97	26.410	4005	4012	4024	rVB3	202261	644238	15.99%	0.741%
98	27.832	4246	4254	4272	rVB5	176374	717212	17.80%	0.825%
99	29.548	4540	4546	4561	rVB10	104265	454043	11.27%	0.522%
100	30.882	4768	4773	4794	rVB10	137283	657717	16.33%	0.756%

Sum of corrected areas: 86974376

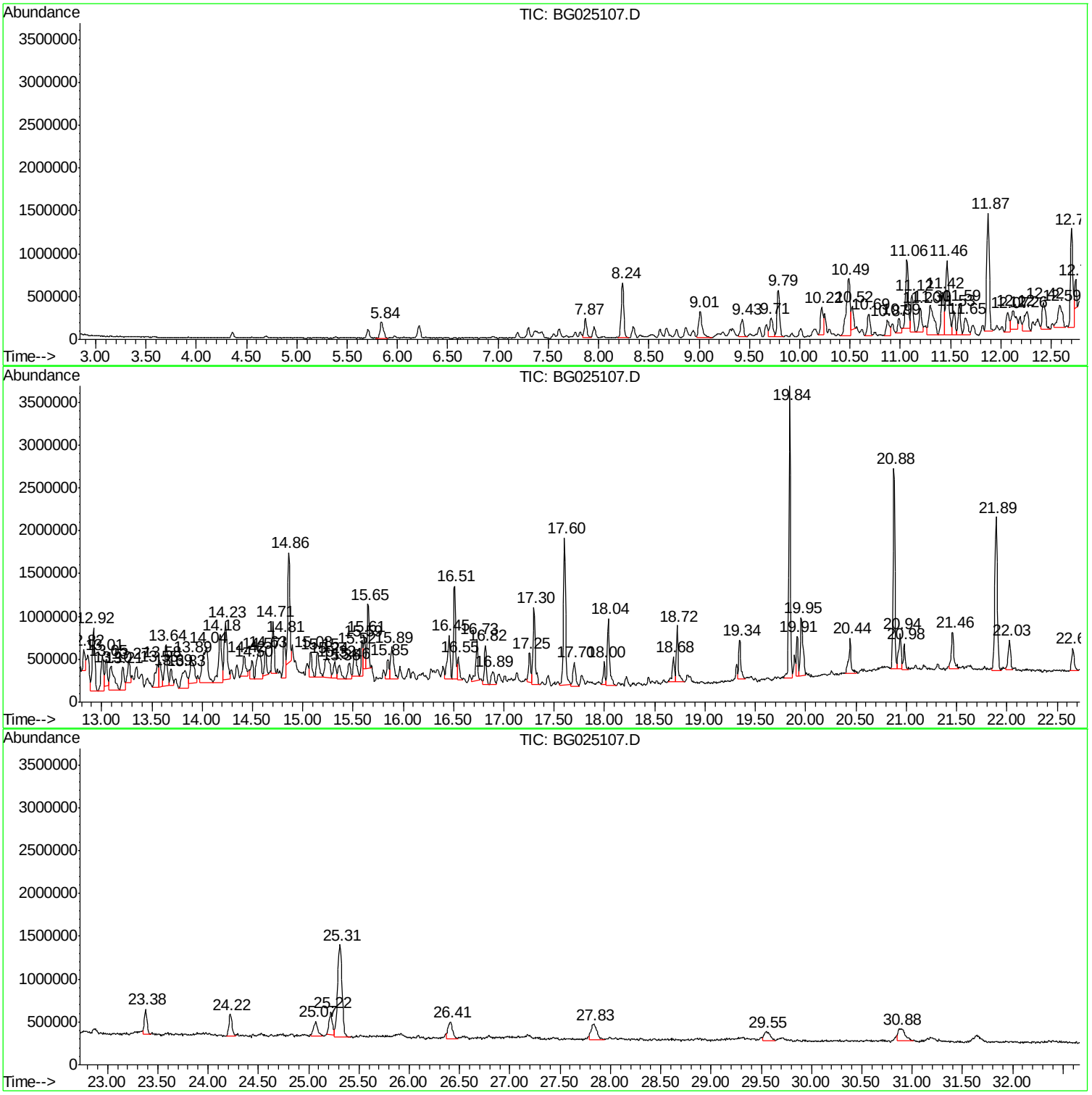
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

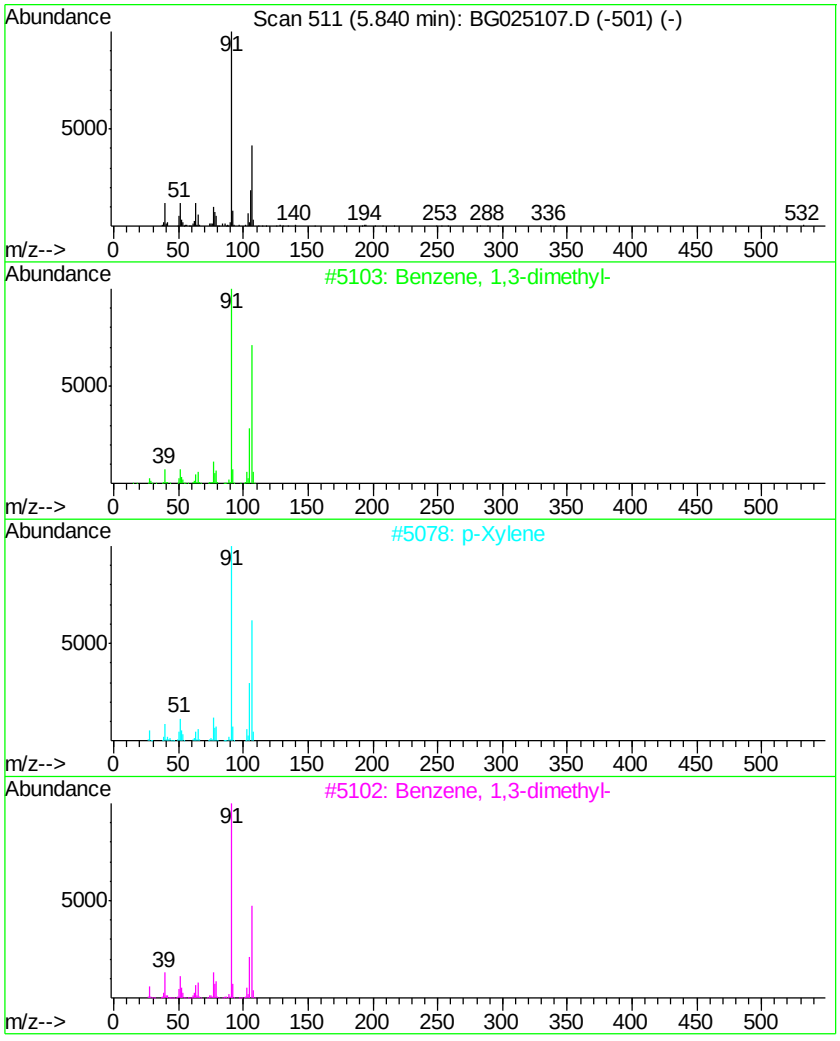
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

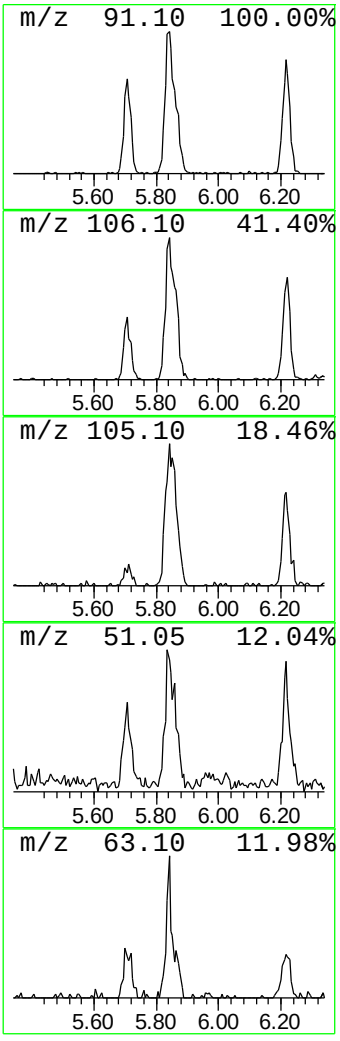
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	7.71 ng/ul	444656	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	83
2	p-Xylene	106	C8H10	000106-42-3	81
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	81
4	Ethylbenzene	106	C8H10	000100-41-4	81
5	p-Xylene	106	C8H10	000106-42-3	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

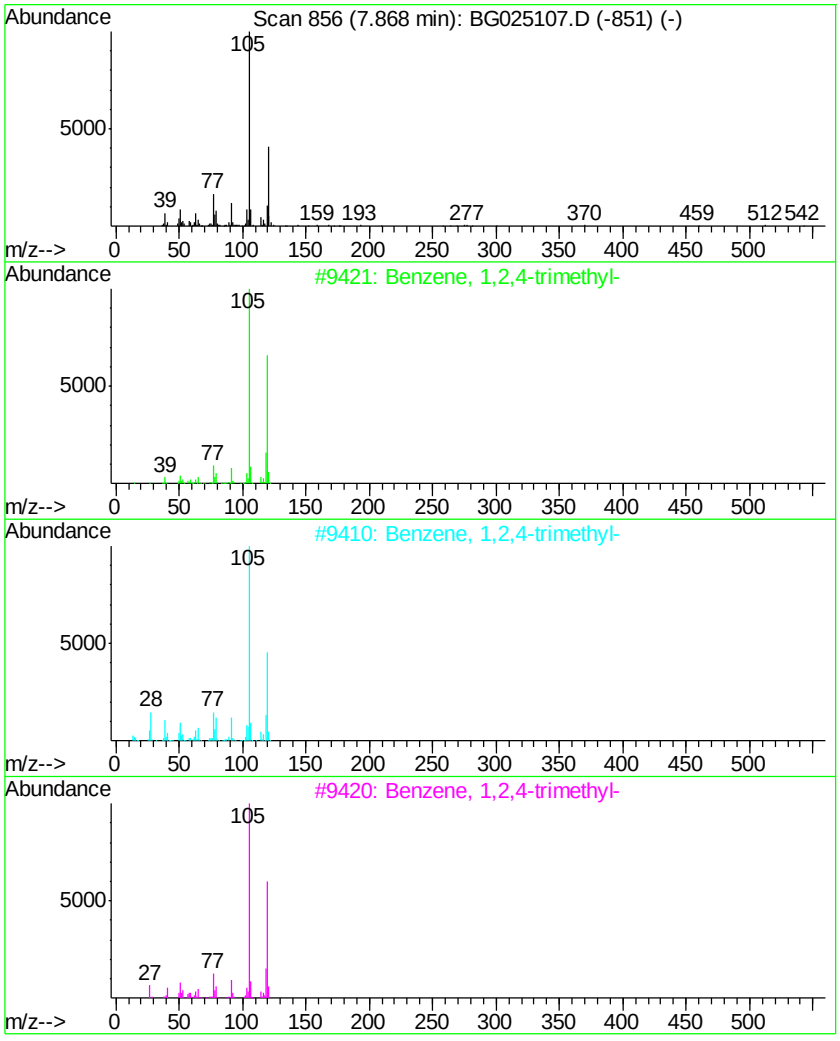
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

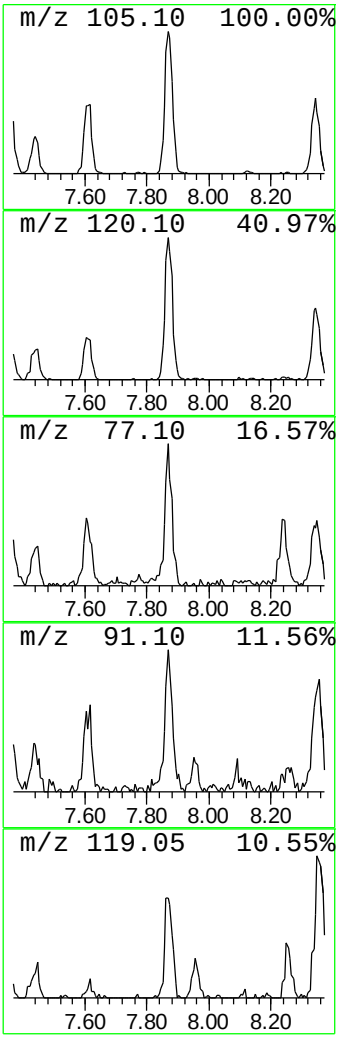
****

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	7.05 ng/ul	406887	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

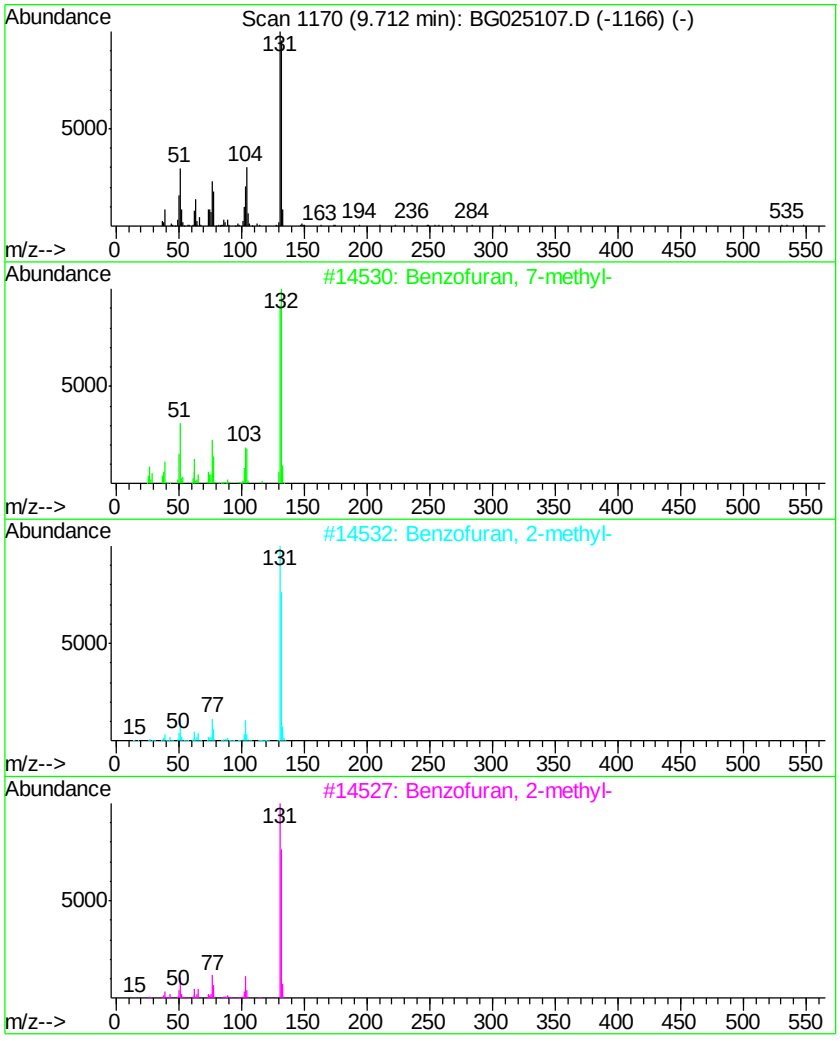
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

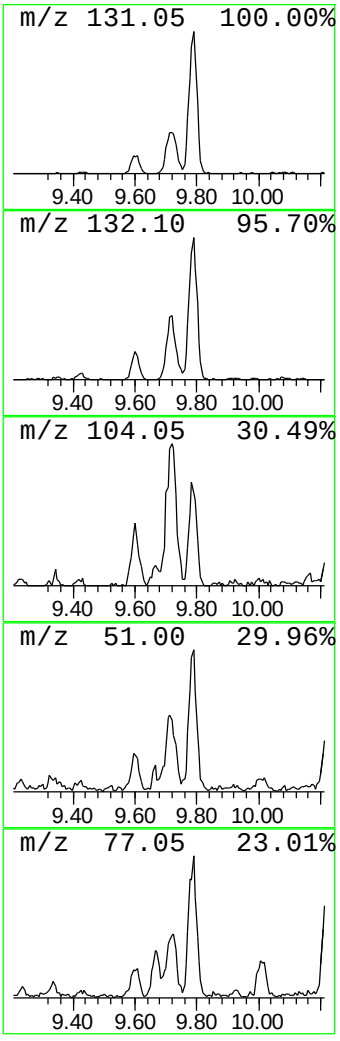
****

Peak Number 3 Benzofuran, 7-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	7.19 ng/ul	508783	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

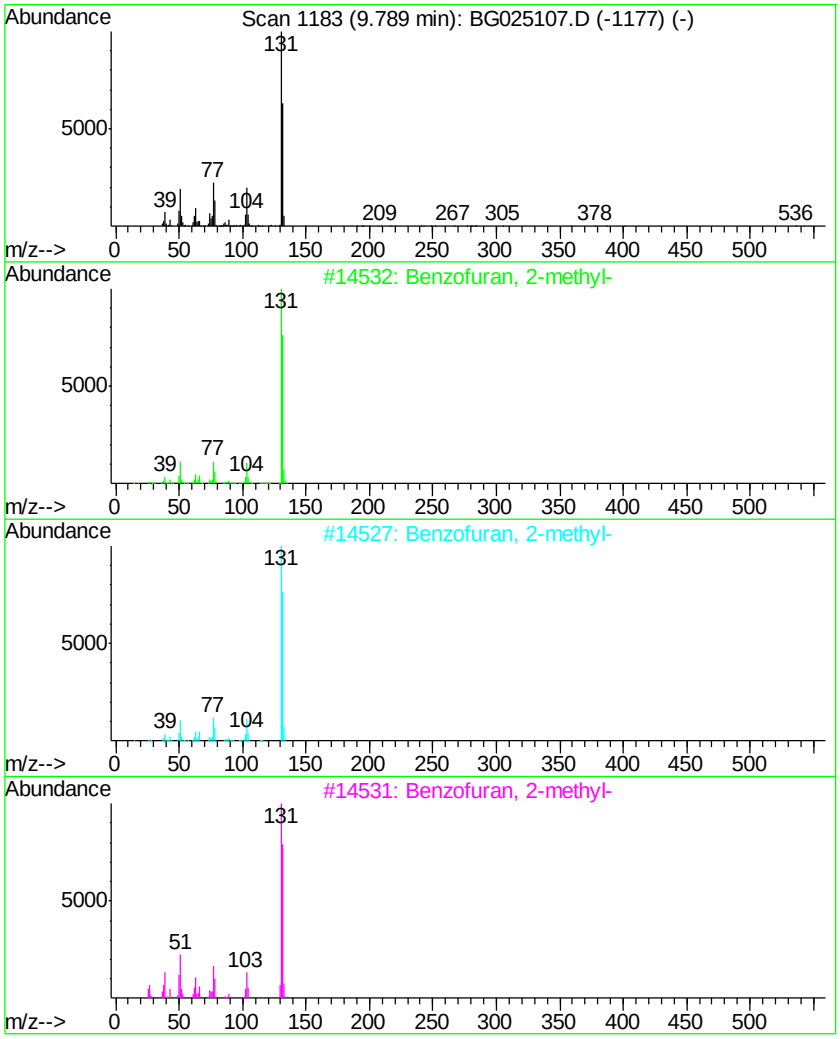
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

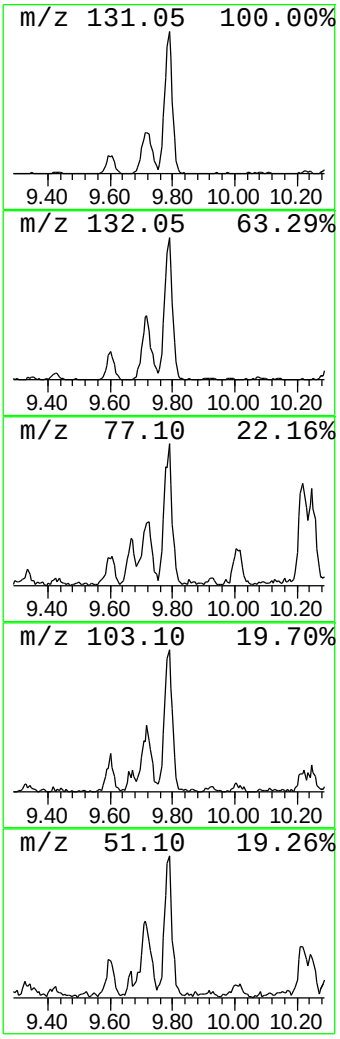
****

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	13.82 ng/ul	977938	Naphthalene-d8	11.06

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	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	83
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

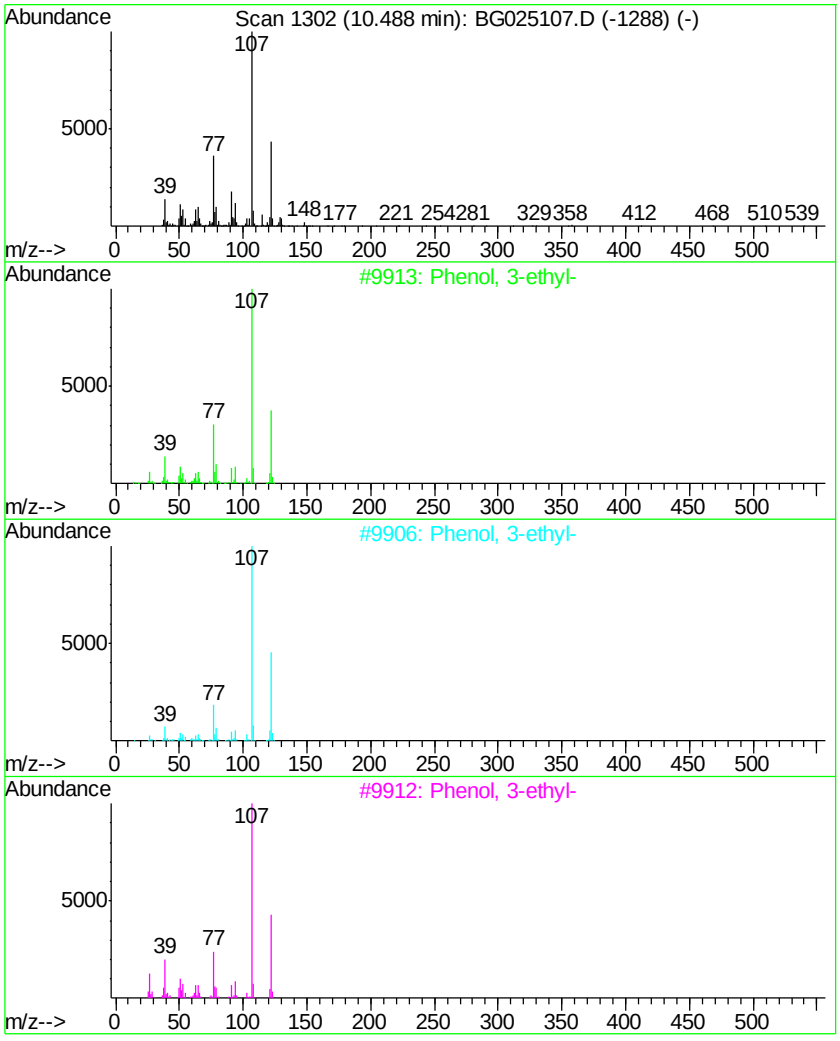
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

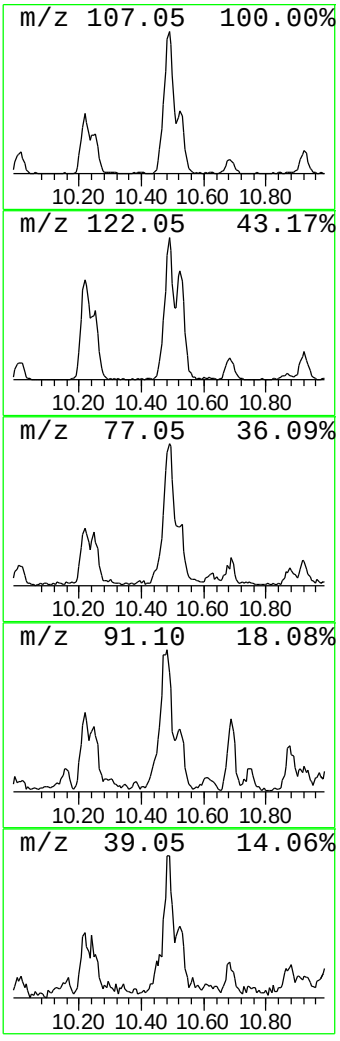
****

Peak Number 5 Phenol, 3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	26.31 ng/ul	1861850	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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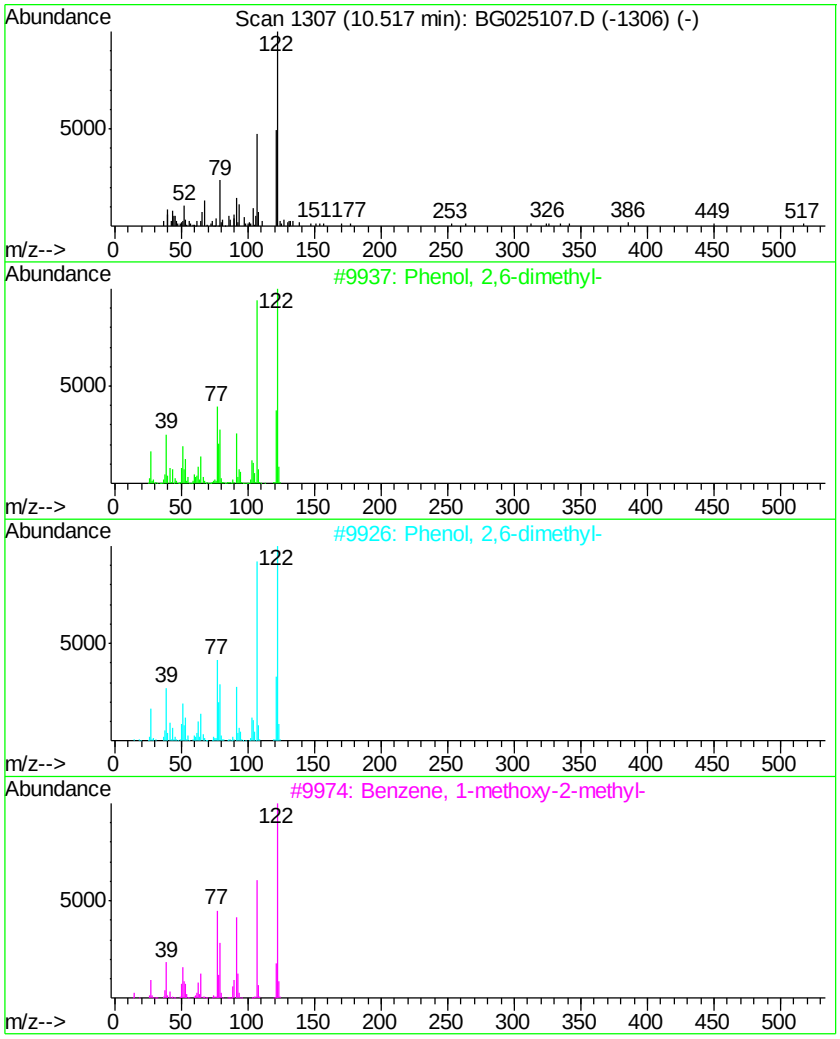
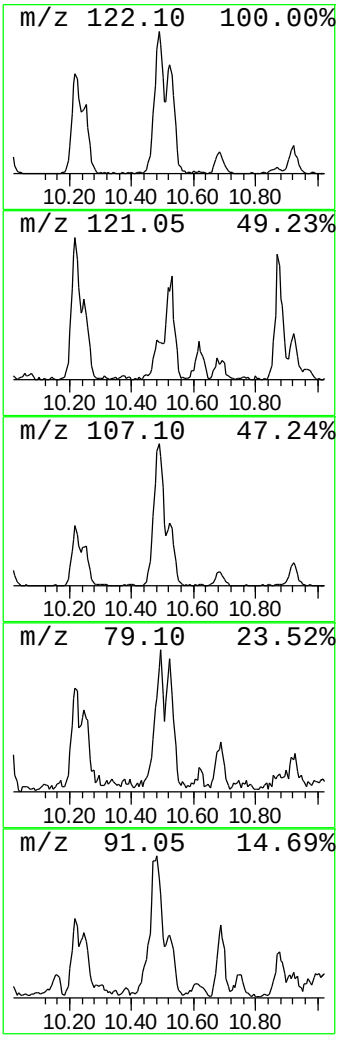
Peak Number 6 Phenol, 2,6-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	5.04 ng/ul	356662	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90
3	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	86
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	83
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	83





Library Search Compound Report

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Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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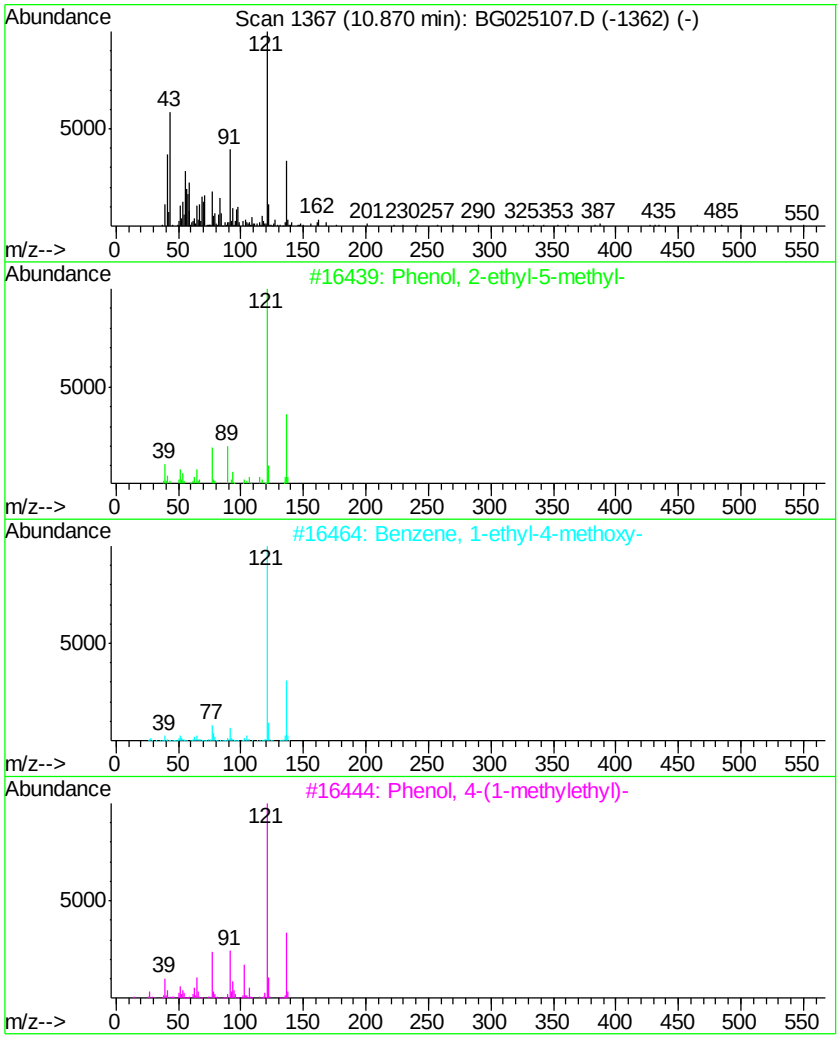
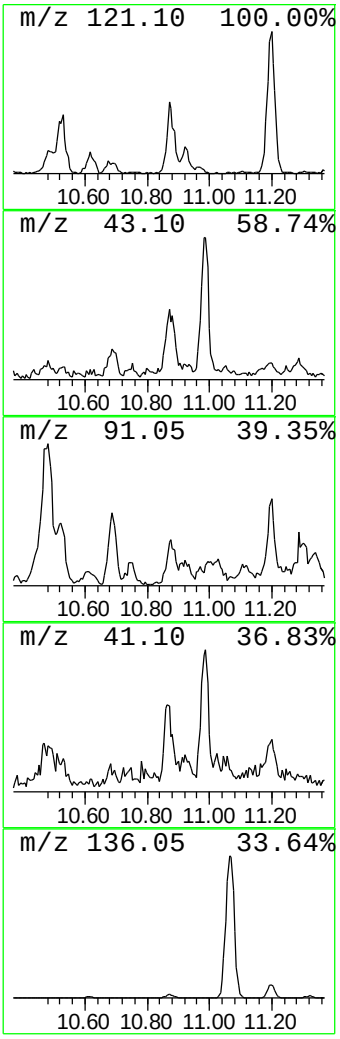
Peak Number 7 Phenol, 2-ethyl-5-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	6.03 ng/ul	426914	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	64
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	58
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	58
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	58
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	58





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Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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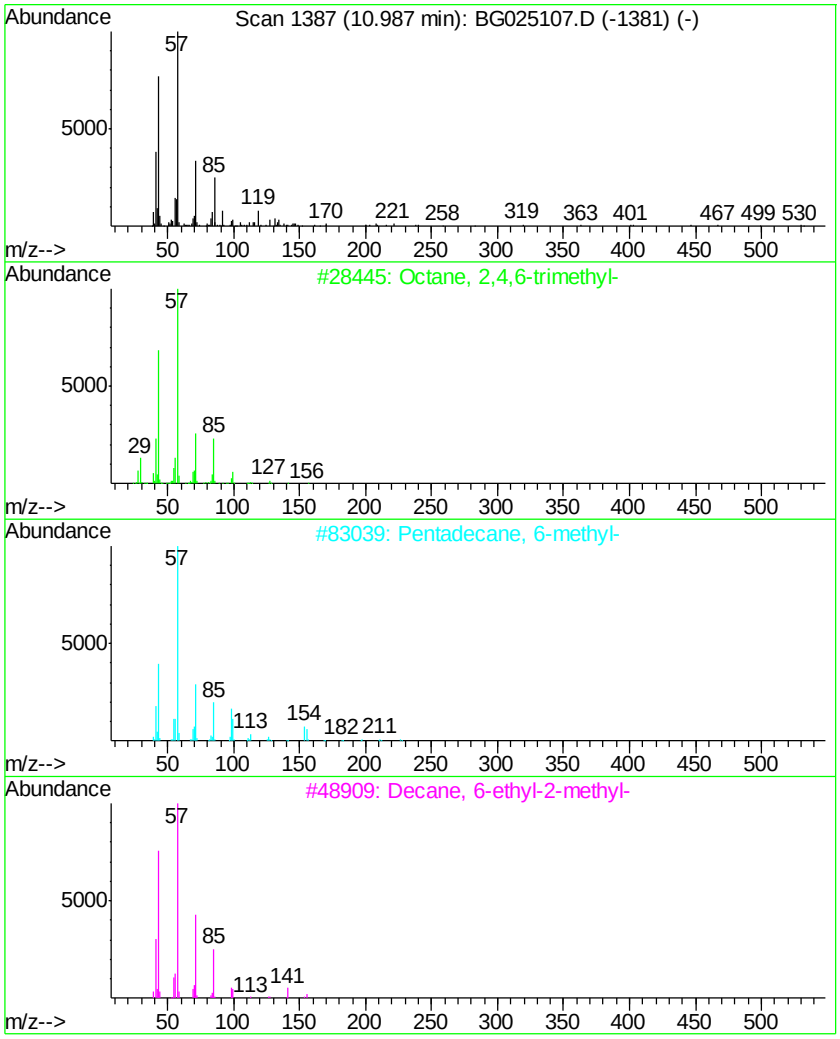
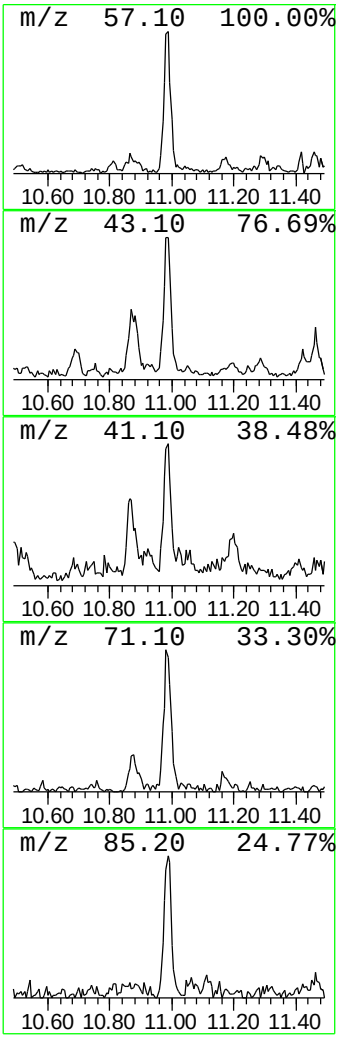
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	4.32 ng/ul	306078	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
2	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	59
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	50
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	50





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Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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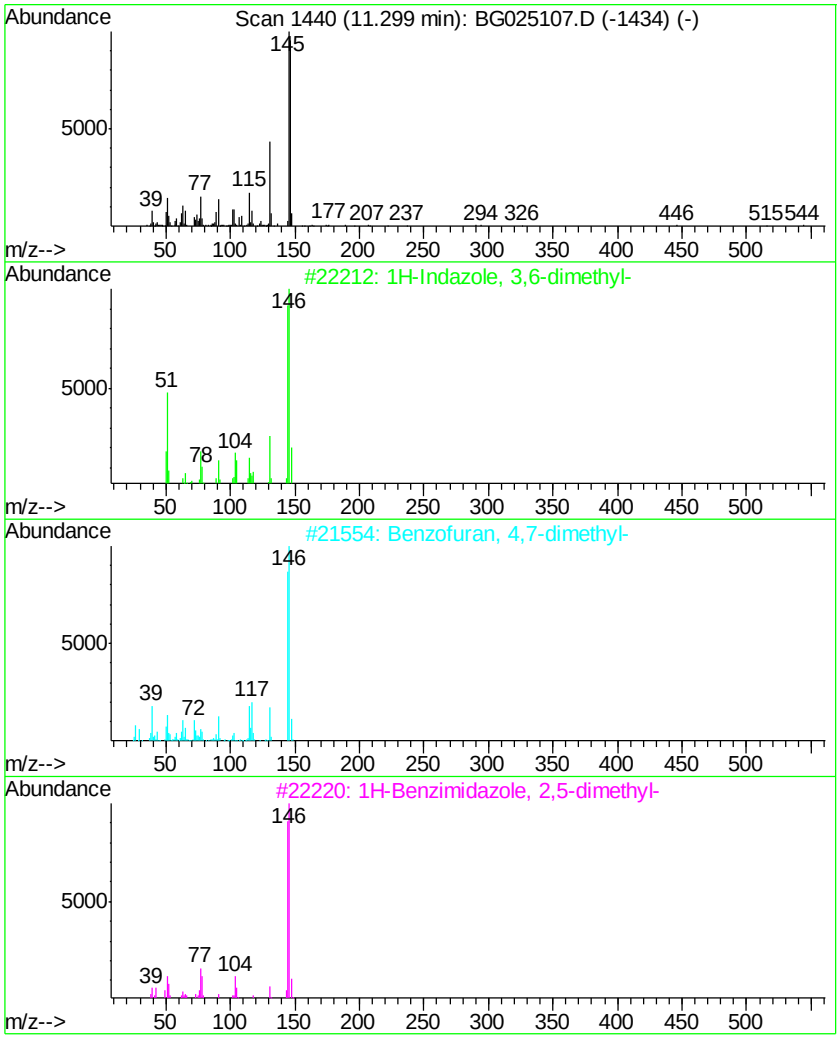
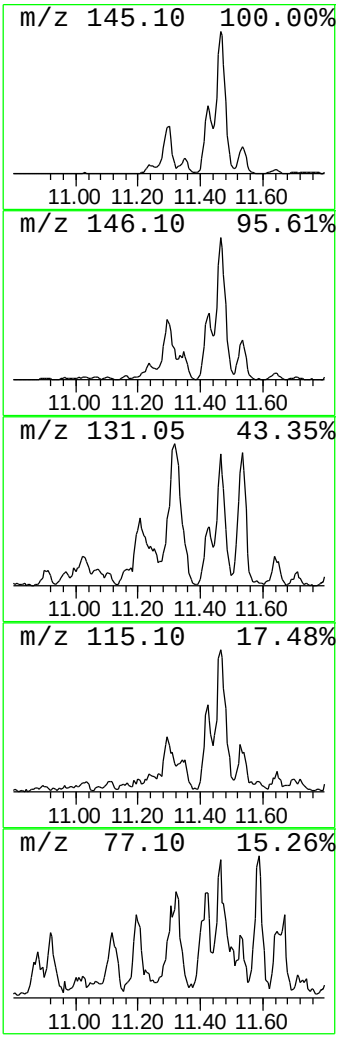
Peak Number 9 1H-Indazole, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	16.77 ng/ul	1187140	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	72
2	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	59
3	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	53
4	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	53
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50





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Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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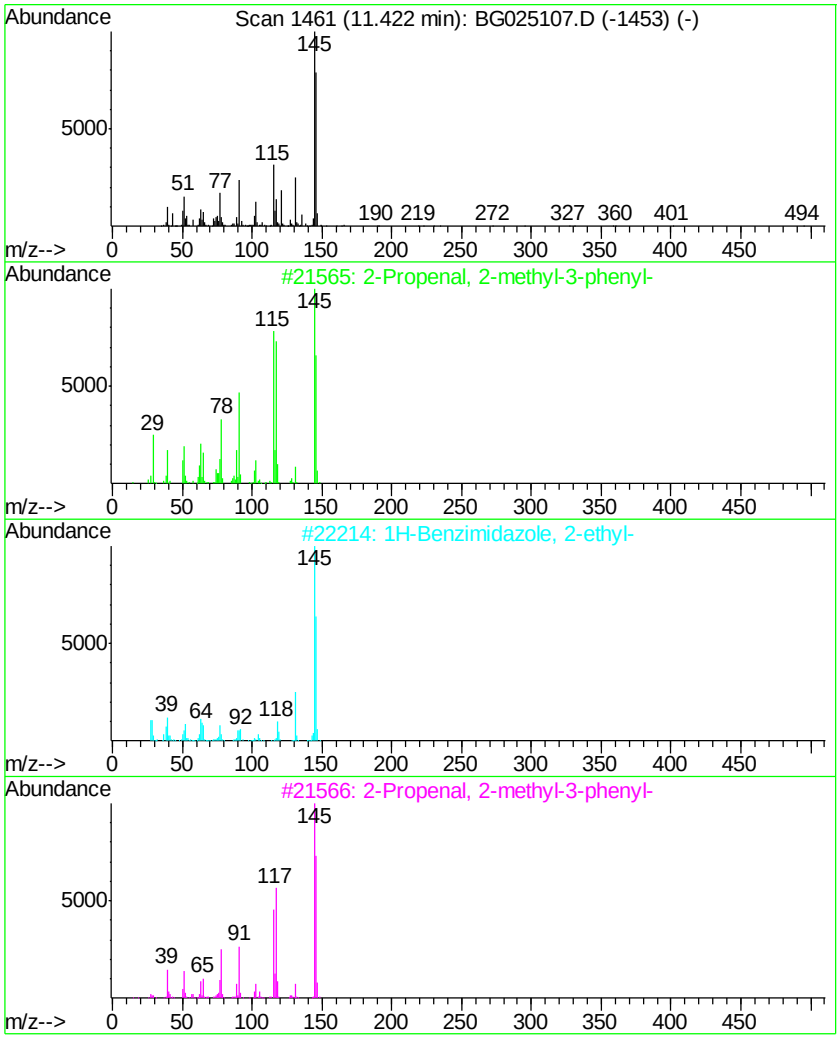
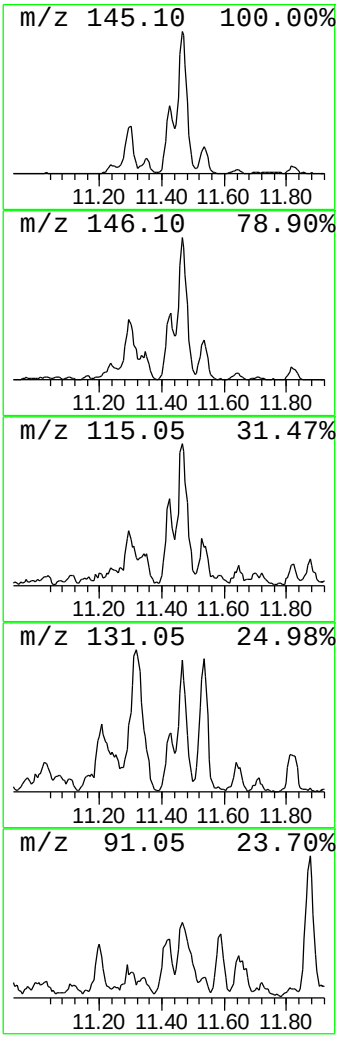
Peak Number 10 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	14.17 ng/ul	1002890	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	53
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50





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Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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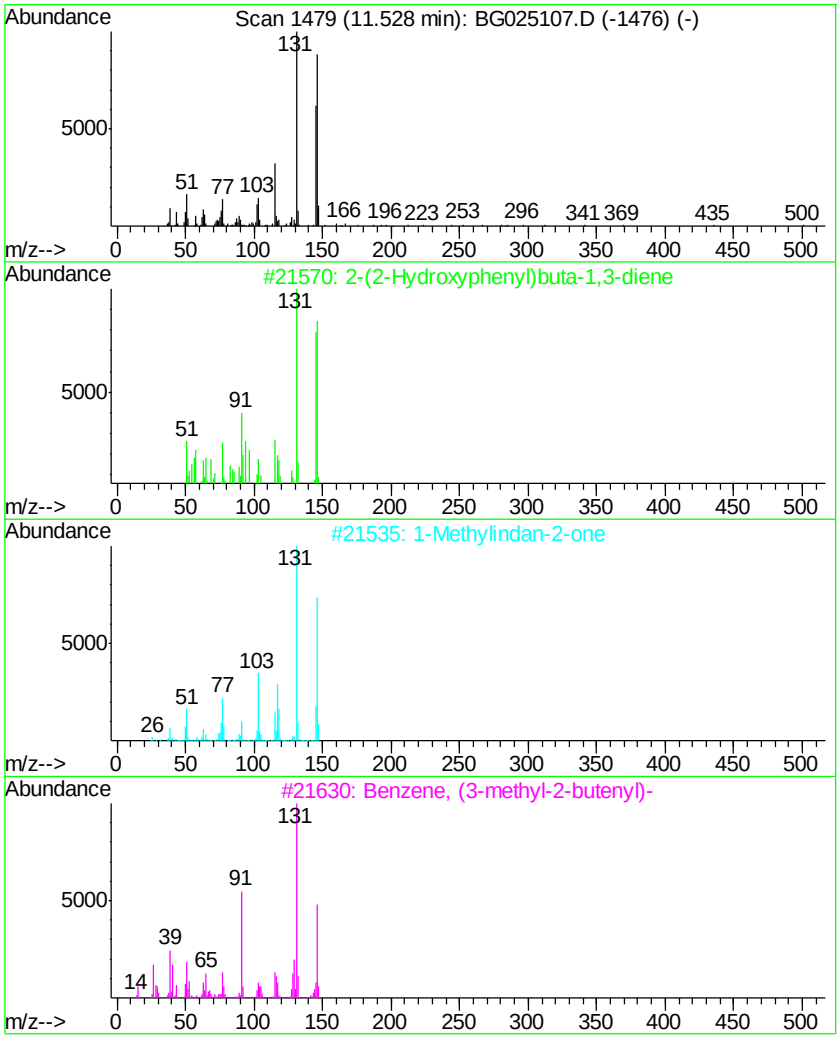
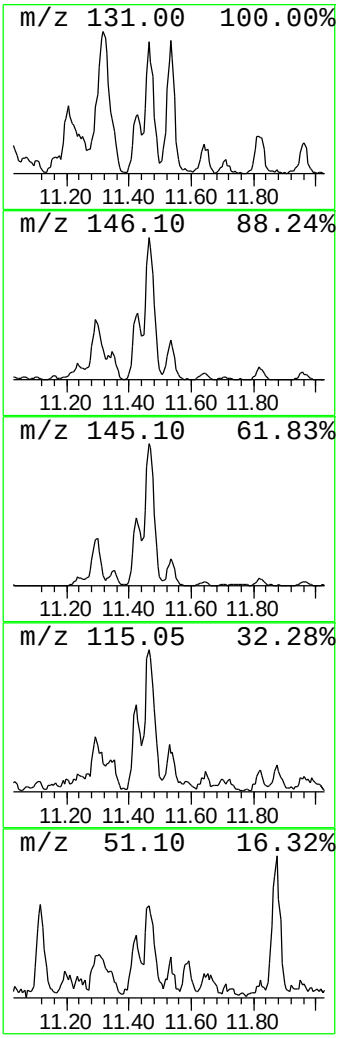
Peak Number 12 2-(2-Hydroxyphenyl)buta-1,3... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	6.69 ng/ul	473198	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	78
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	72
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	59





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Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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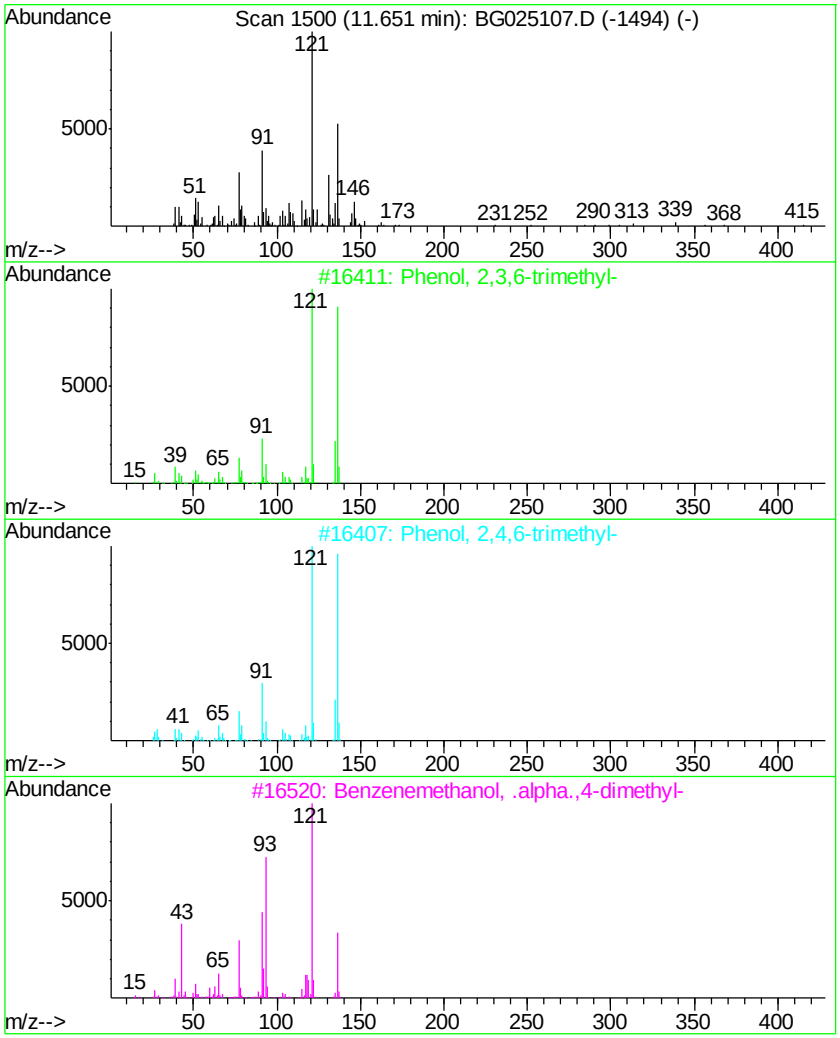
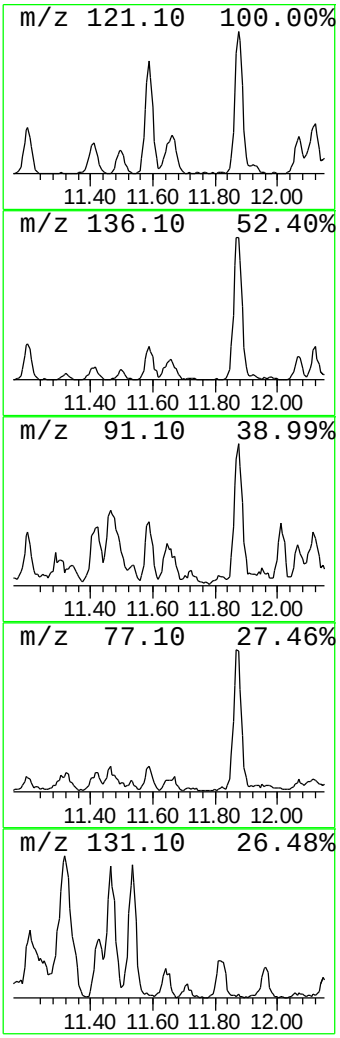
Peak Number 14 Phenol, 2,3,6-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	7.29 ng/ul	515674	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	53
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	53
3	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	49
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	49
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	46





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Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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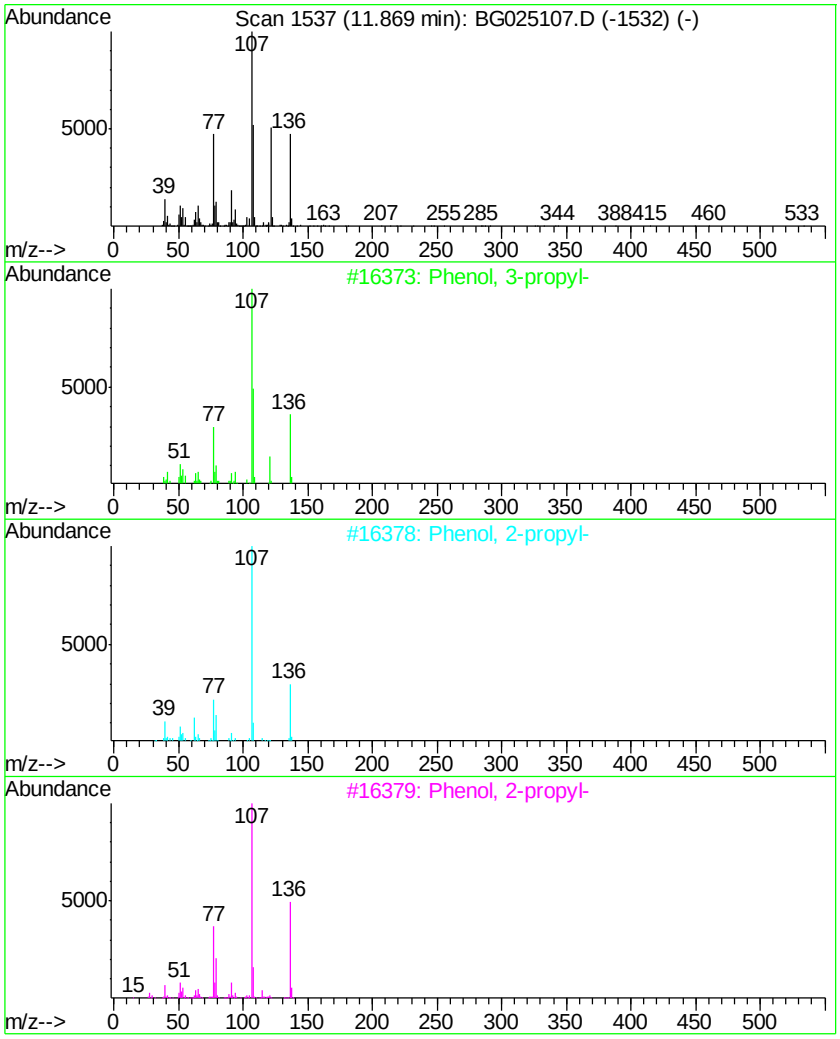
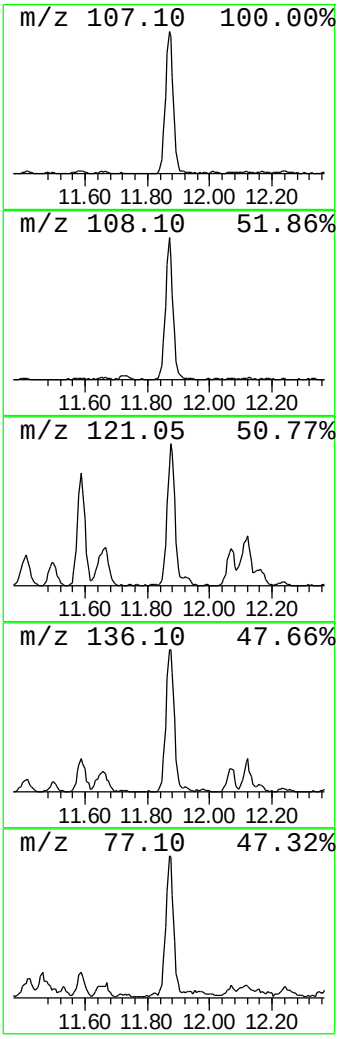
Peak Number 15 Phenol, 3-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	33.60 ng/ul	2378230	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	90
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	52
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	52
4	Phenol, 4-propyl-	136	C9H12O	000645-56-7	49
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	46





Library Search Compound Report

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Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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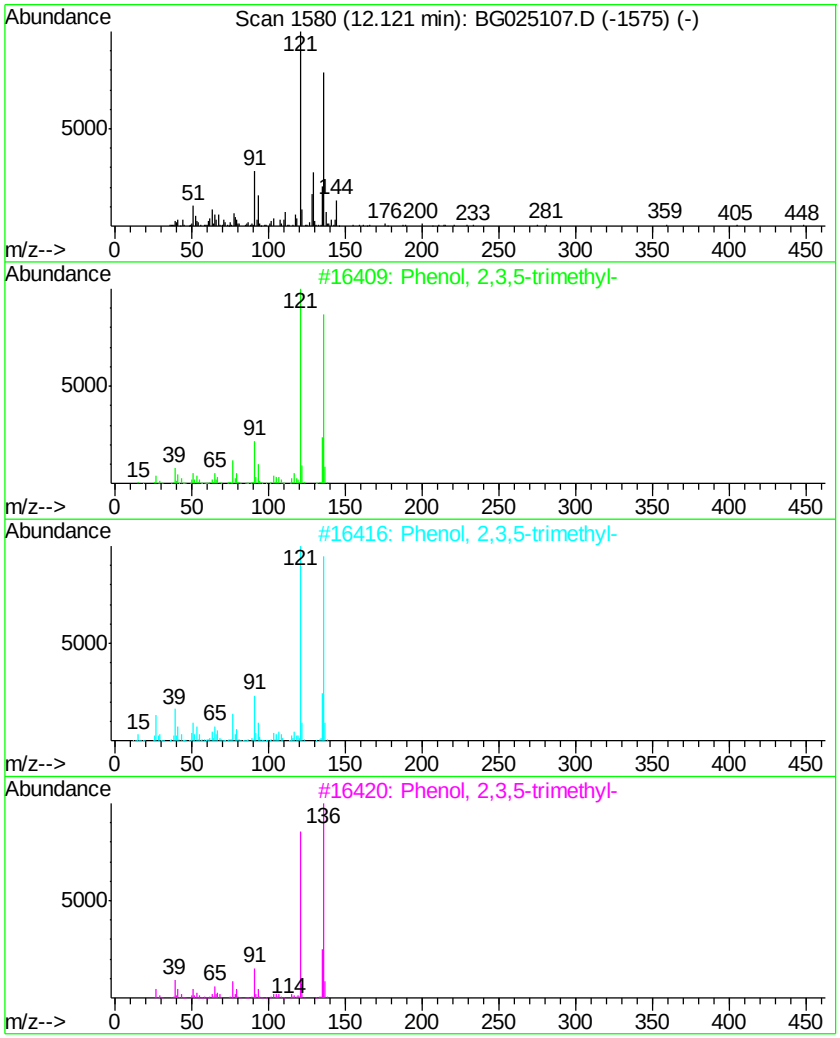
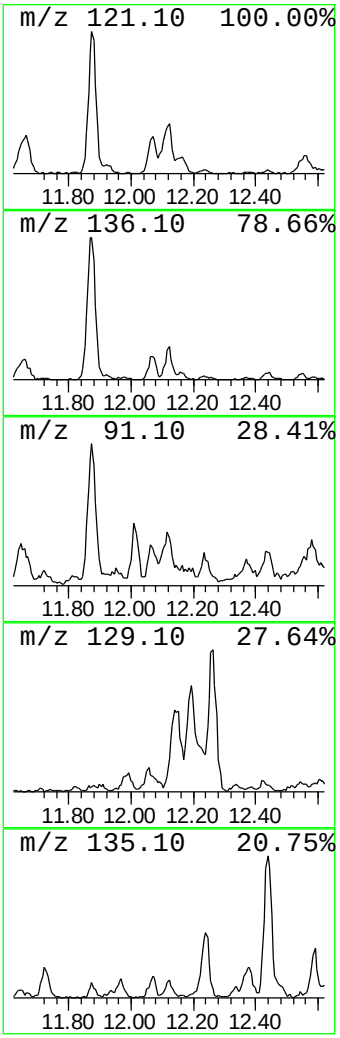
Peak Number 17 Phenol, 2,3,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	9.67 ng/ul	684025	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	89
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	76
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	76
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	76
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	68





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Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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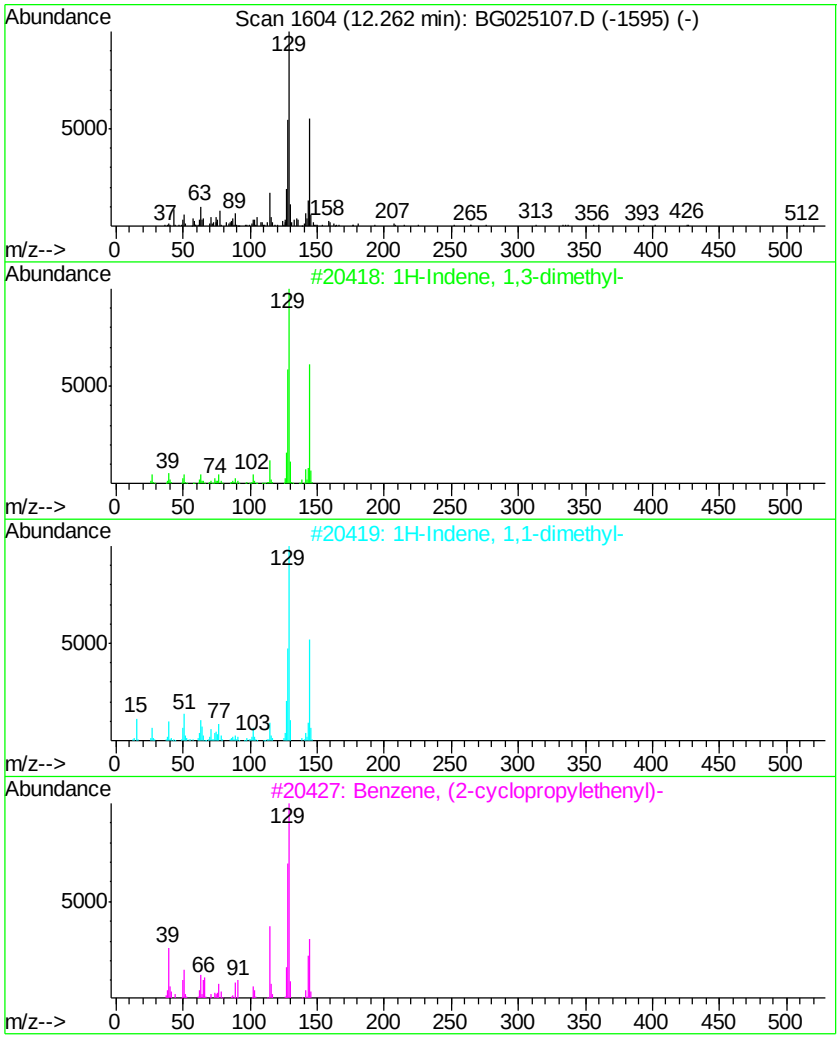
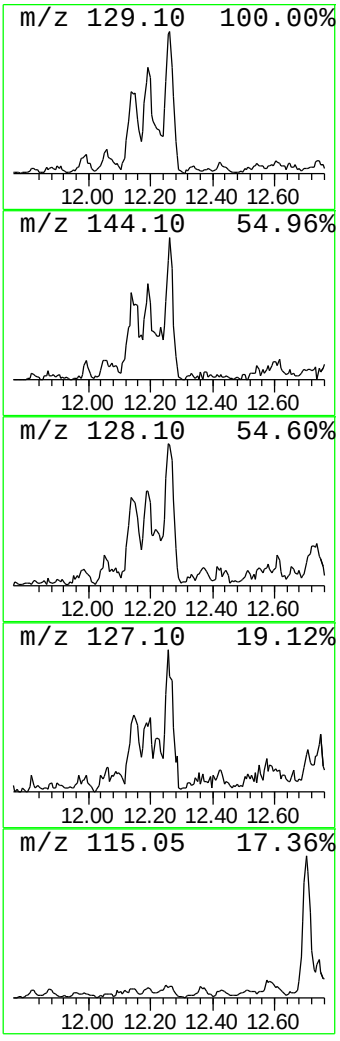
Peak Number 18 1H-Indene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	9.66 ng/ul	683585	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	81
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	80
3	Benzene, (2-cyclopropylethenyl)-	144	C11H12	1000142-01-6	74
4	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	68
5	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	64





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Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
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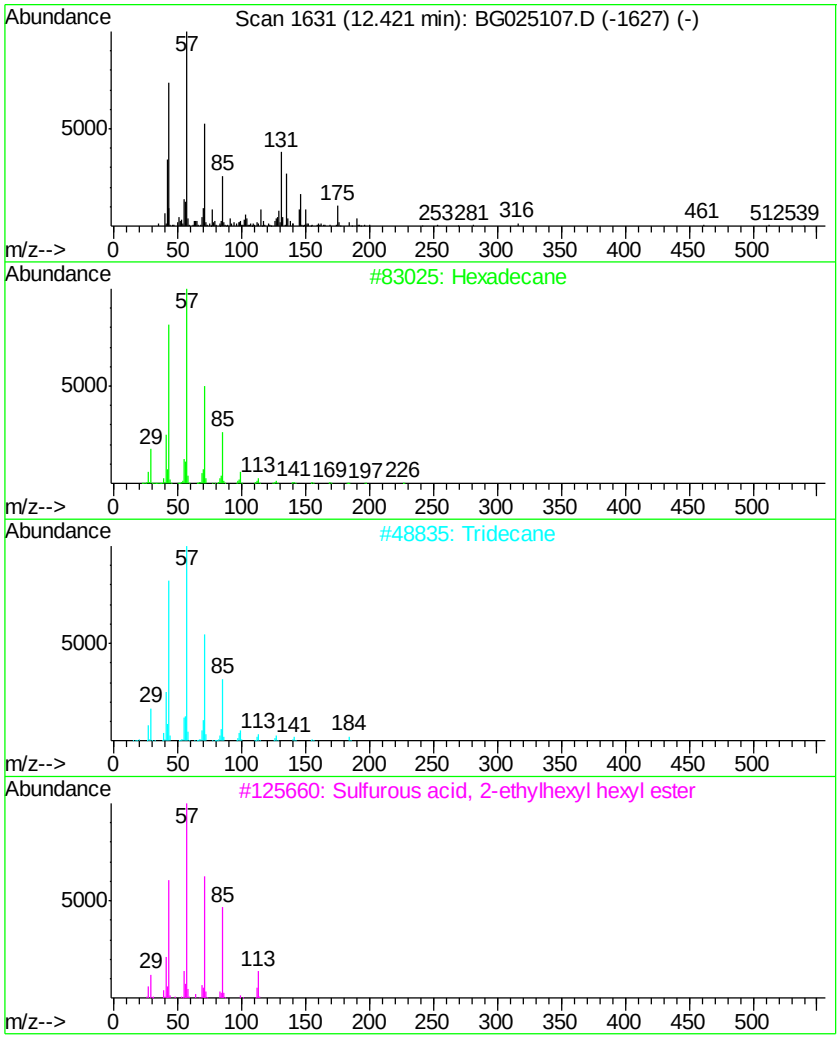
Quant Title : SVOA CALIBRATION

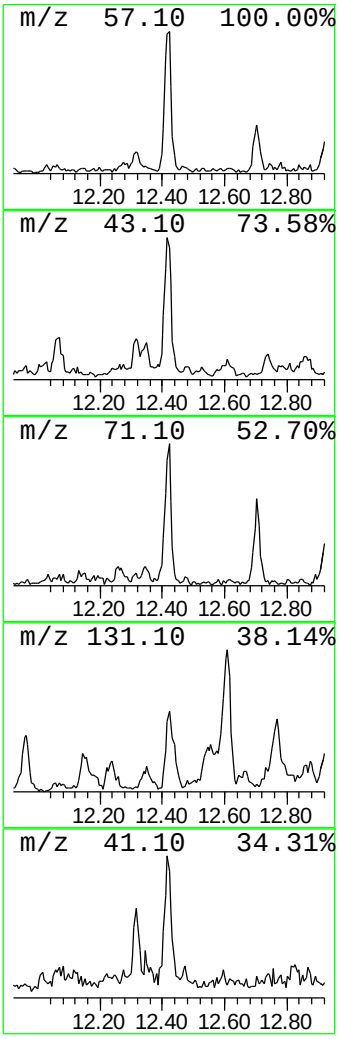
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	10.59 ng/ul	749303	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	38
2	Tridecane	184	C13H28	000629-50-5	38
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	35
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	35





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Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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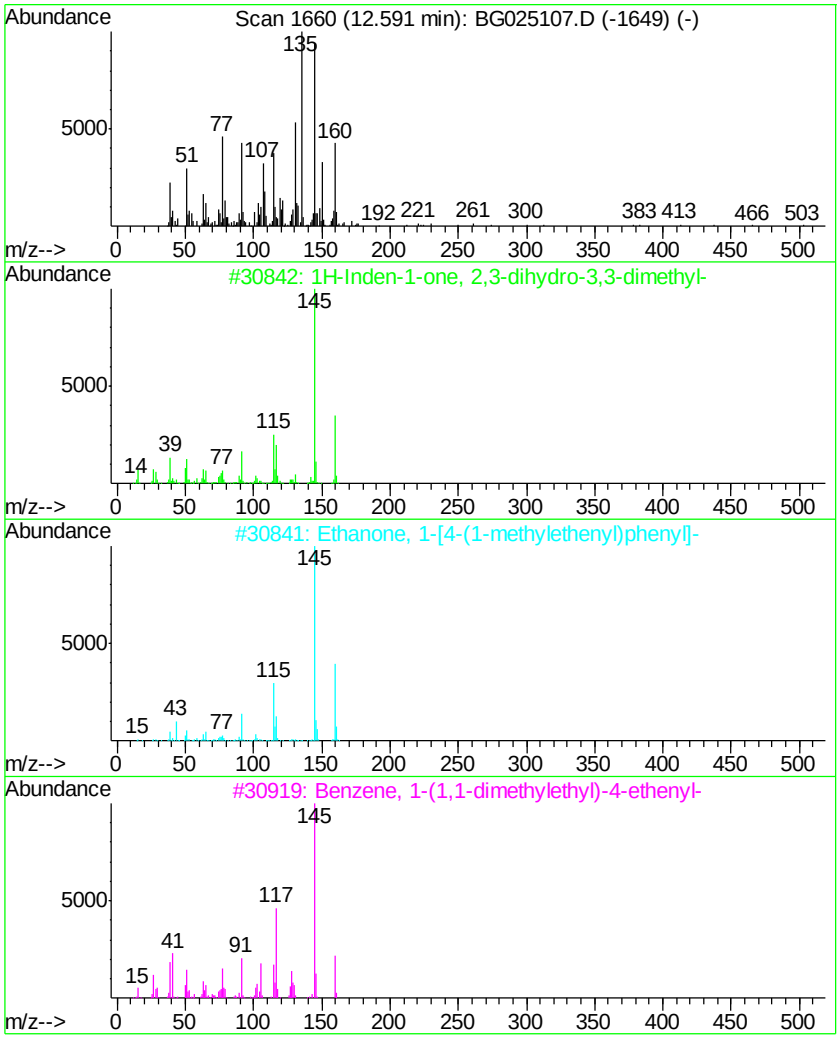
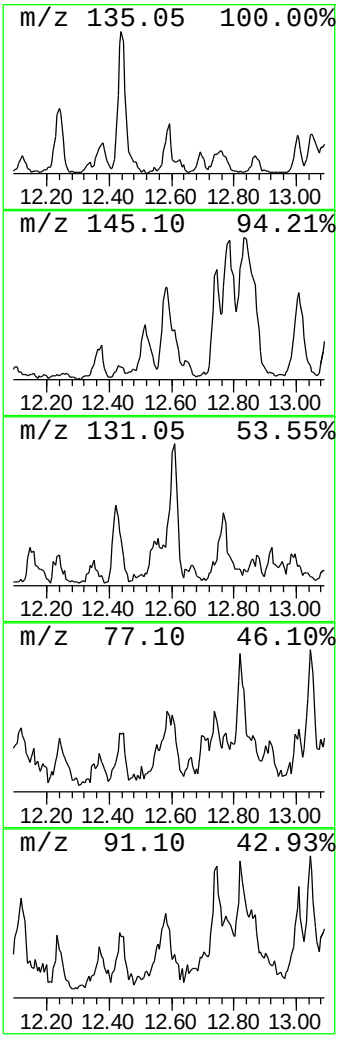
Peak Number 20 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	11.64 ng/ul	823563	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	60
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	46
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	43
4	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	38





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Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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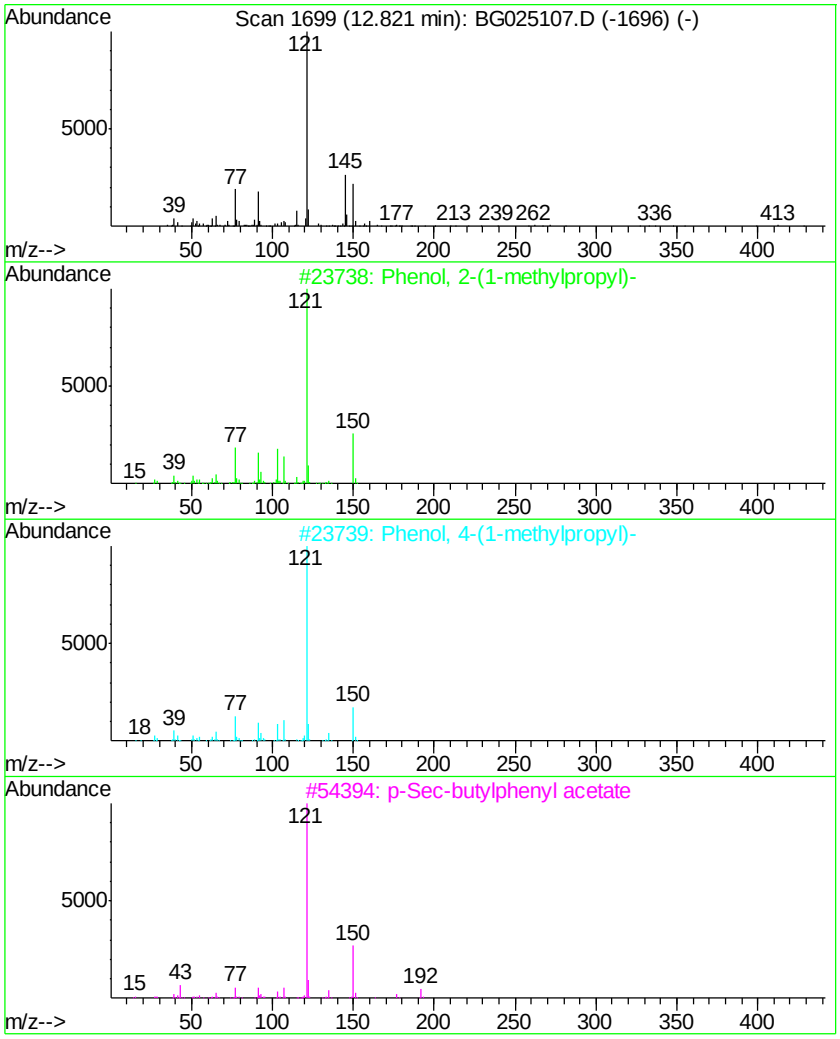
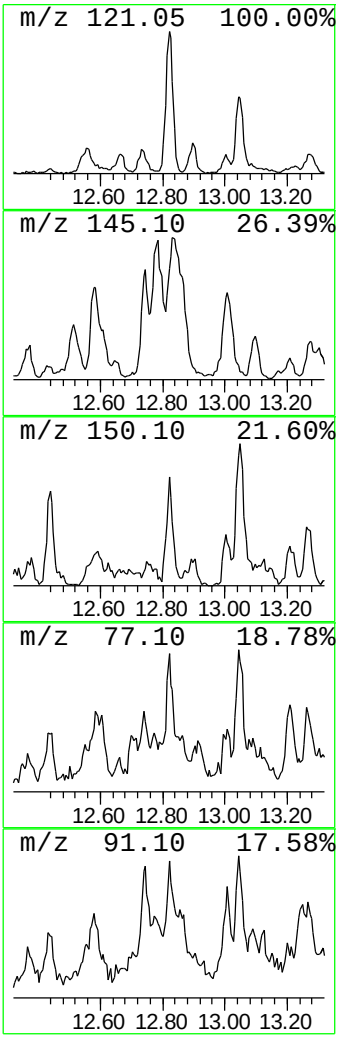
Peak Number 21 Phenol, 2-(1-methylpropyl)- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	5.55 ng/ul	392947	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	72
2	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	64
3	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	64
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	64
5	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	64





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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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Quant Title : SVOA CALIBRATION

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

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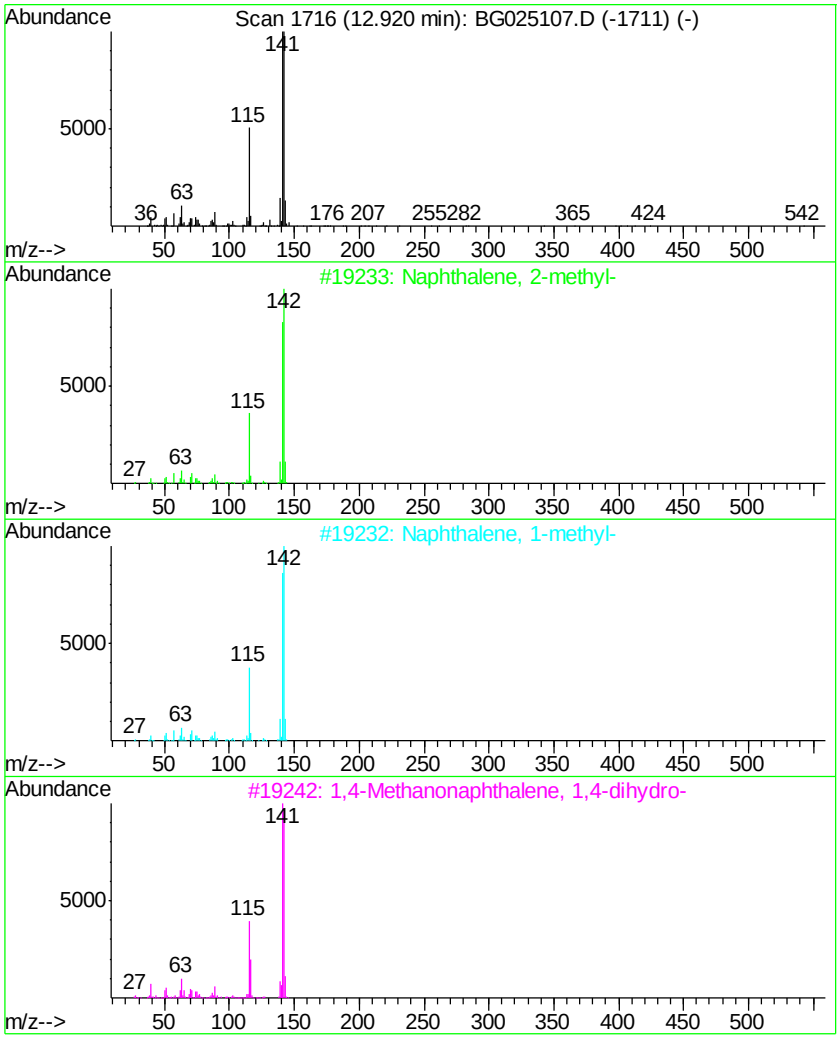
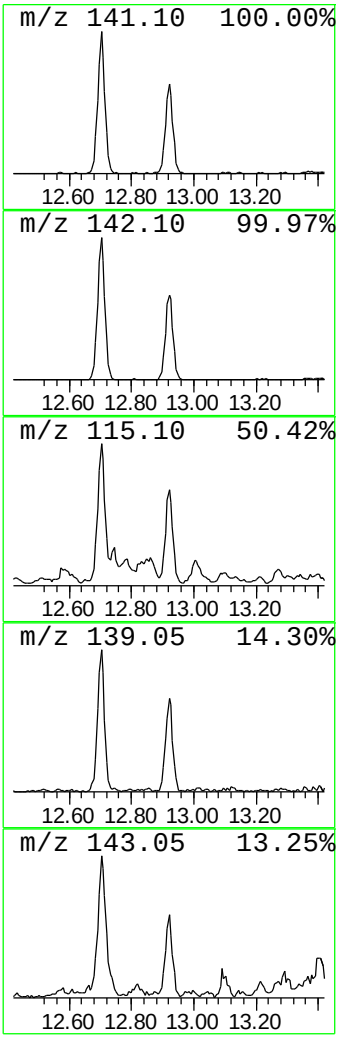
Peak Number 22 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	17.63 ng/ul	1248050	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94





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Misc :
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Quant Title : SVOA CALIBRATION

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

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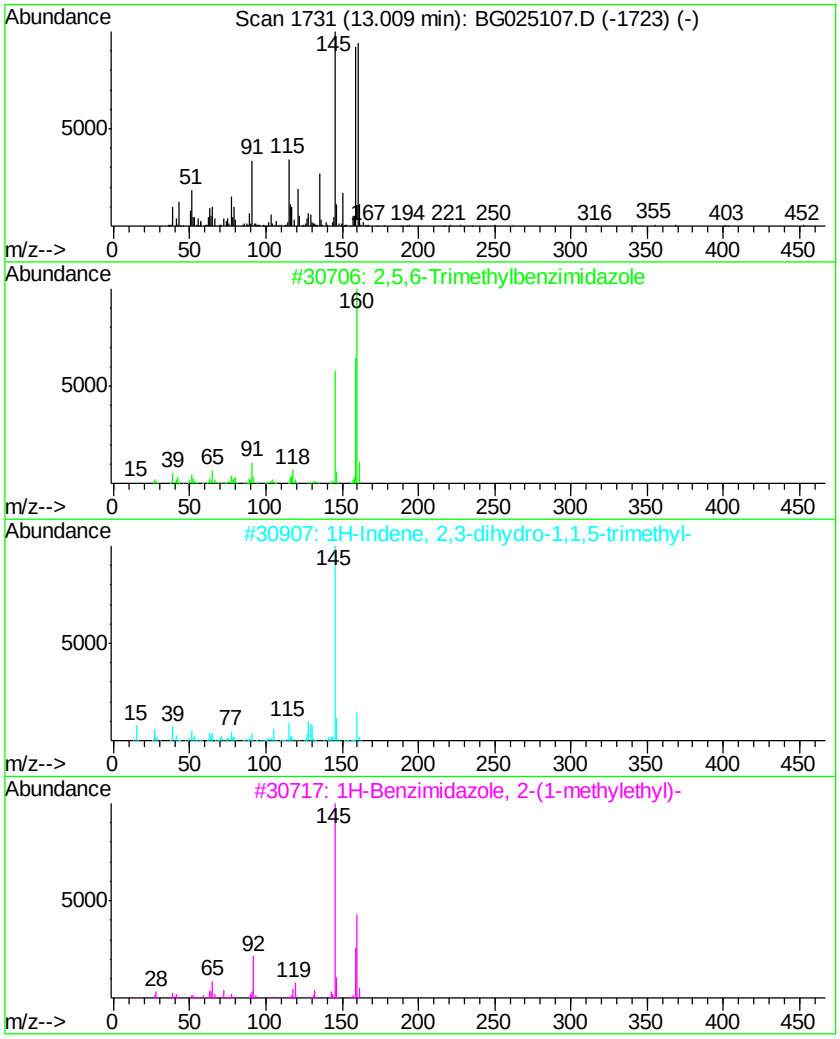
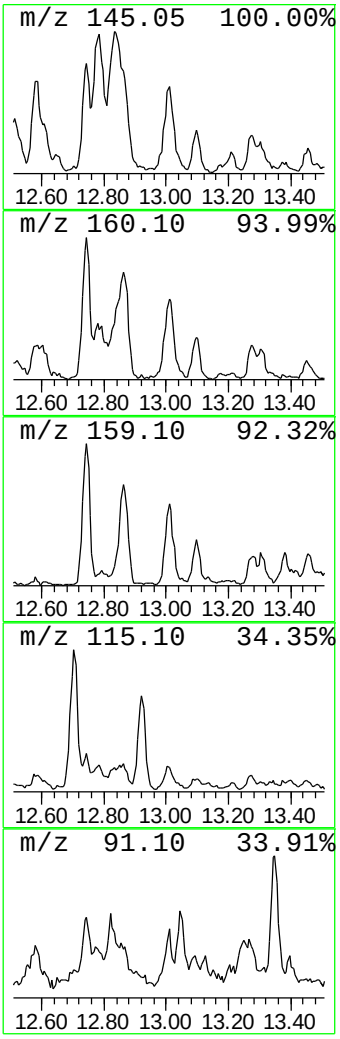
Peak Number 23 2,5,6-Trimethylbenzimidazole Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	8.02 ng/ul	774796	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	83
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	64
3	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	52
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49





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Operator : UM/SJ
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Misc :
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Instrument : BNA_G
ClientSampleId : DA802DL

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Quant Title : SVOA CALIBRATION

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

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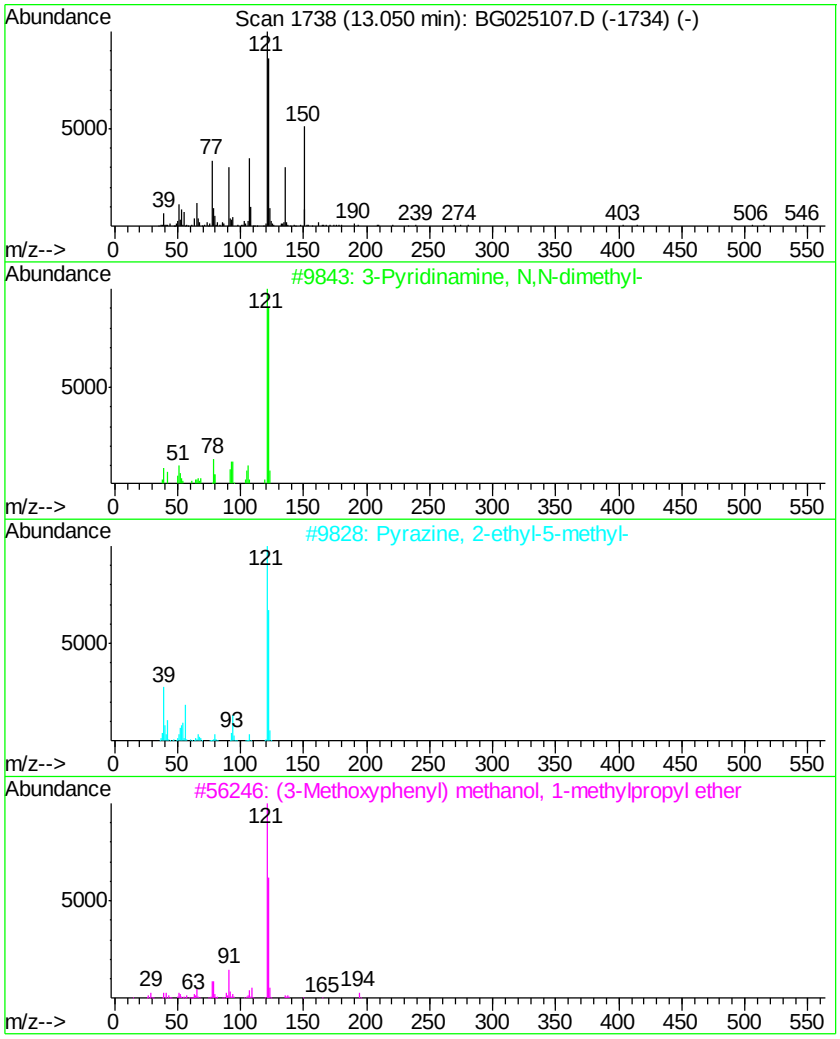
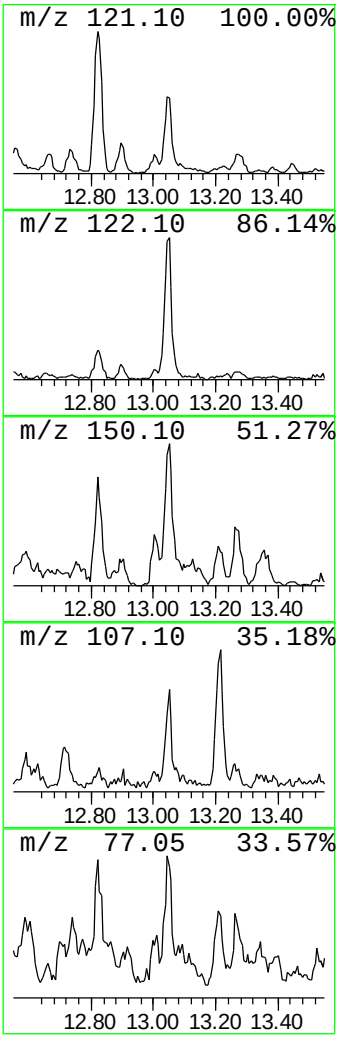
Peak Number 24 3-Pyridinamine, N,N-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	4.86 ng/ul	469515	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinamine, N,N-dimethyl-	122	C7H10N2	018437-57-5	52
2	Pyrazine, 2-ethyl-5-methyl-	122	C7H10N2	013360-64-0	50
3	(3-Methoxyphenyl) methanol, 1-me...	194	C12H18O2	1000374-59-2	50
4	2,3-Butanediol, 2,3-diphenyl-	242	C16H18O2	001636-34-6	50
5	1,3-Benzenediamine, 4-methyl-	122	C7H10N2	000095-80-7	47





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Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

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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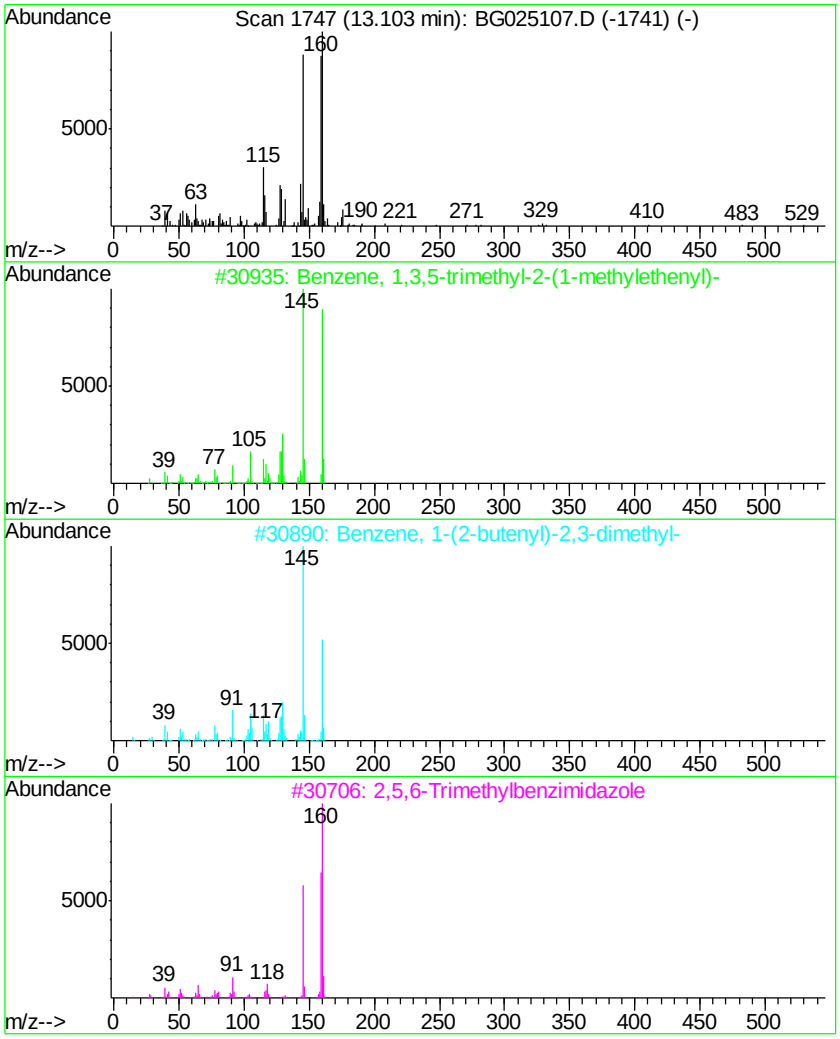
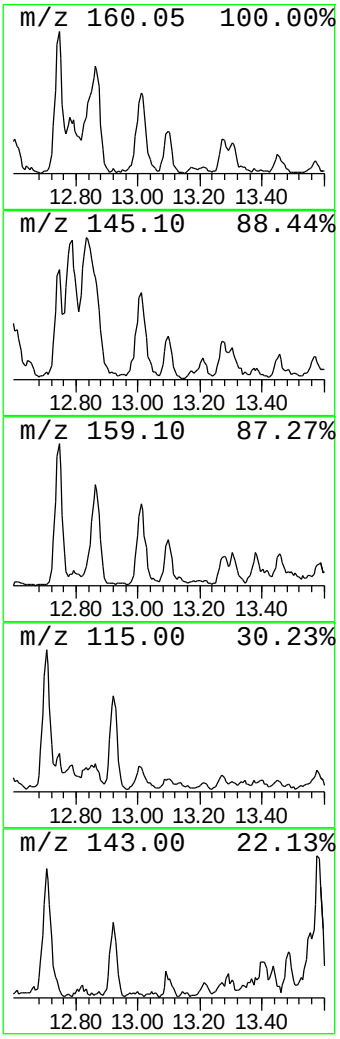
Peak Number 25 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	8.65 ng/ul	835769	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	58
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53
3	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	50
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	47
5	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	43





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : DA802DL

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Quant Title : SVOA CALIBRATION

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

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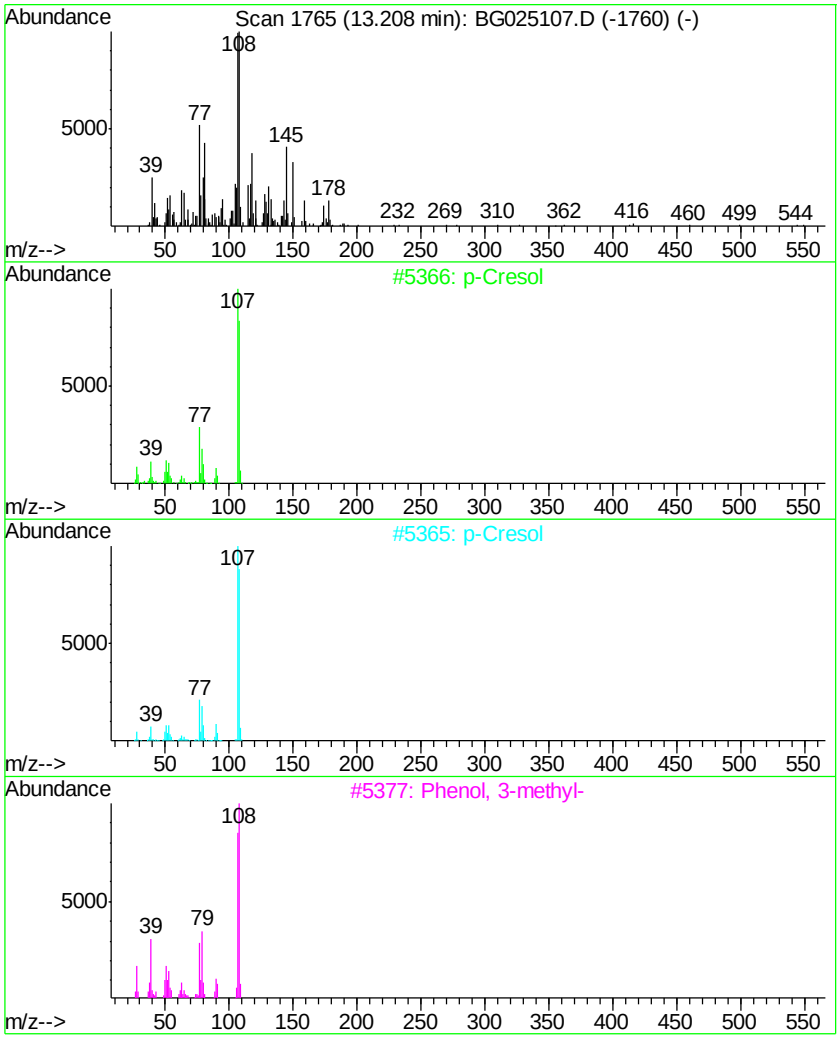
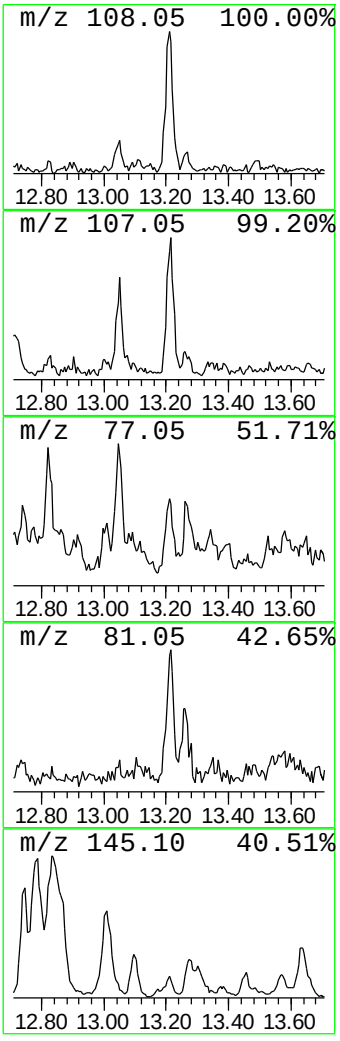
Peak Number 26 p-Cresol Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	4.98 ng/ul	481512	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cresol	108	C7H8O	000106-44-5	55
2	p-Cresol	108	C7H8O	000106-44-5	50
3	Phenol, 3-methyl-	108	C7H8O	000108-39-4	49
4	Phenol, 3-methyl-	108	C7H8O	000108-39-4	45
5	p-Cresol	108	C7H8O	000106-44-5	45





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Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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Quant Title : SVOA CALIBRATION

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

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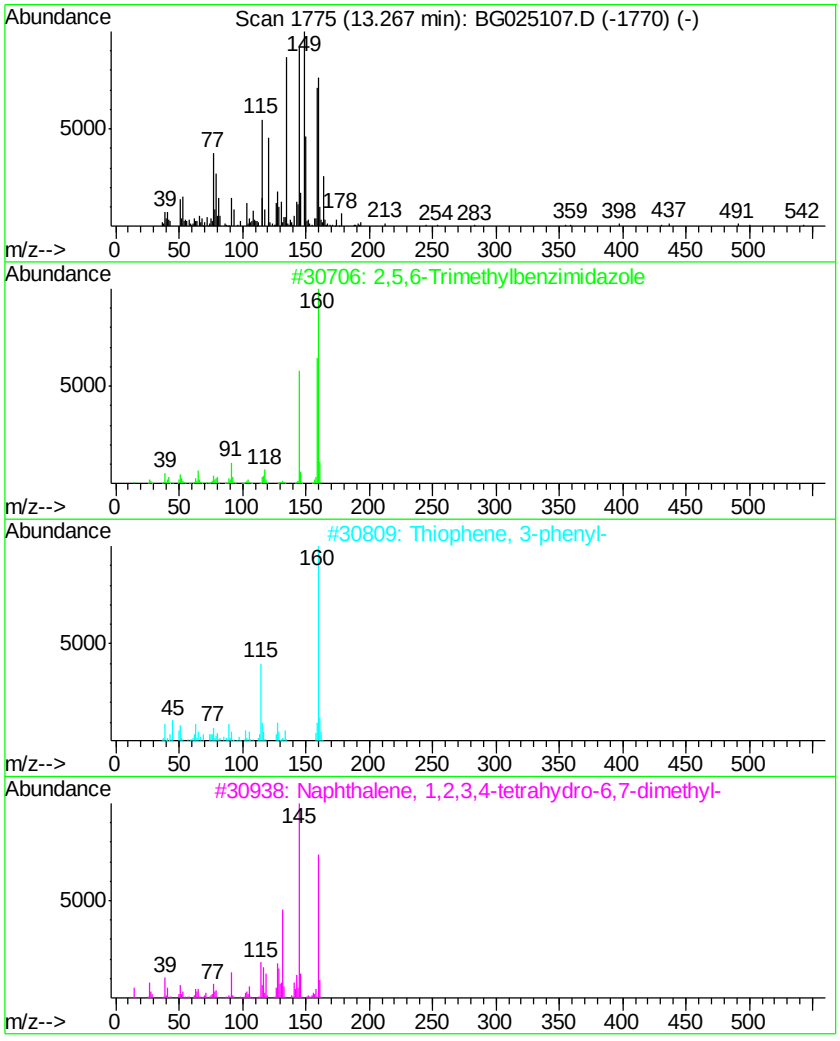
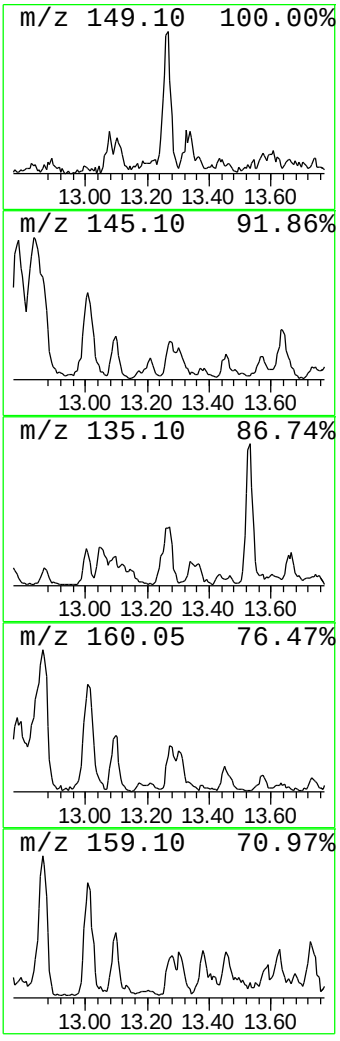
Peak Number 27 unknown-01 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	4.29 ng/ul	414517	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	38
2	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	25
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	25
4	3-Penten-2-one, 4-phenyl-	160	C11H12O	000827-69-0	25
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	25





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Instrument : BNA_G
ClientSampleId : DA802DL

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Quant Title : SVOA CALIBRATION

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

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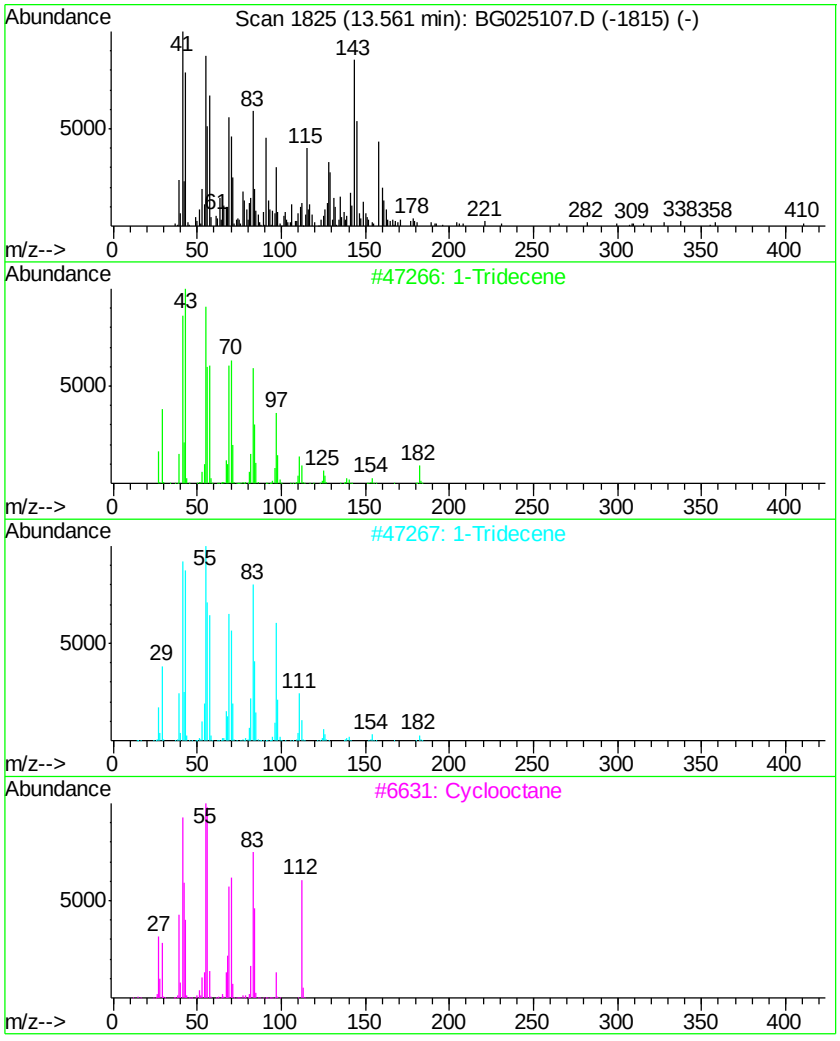
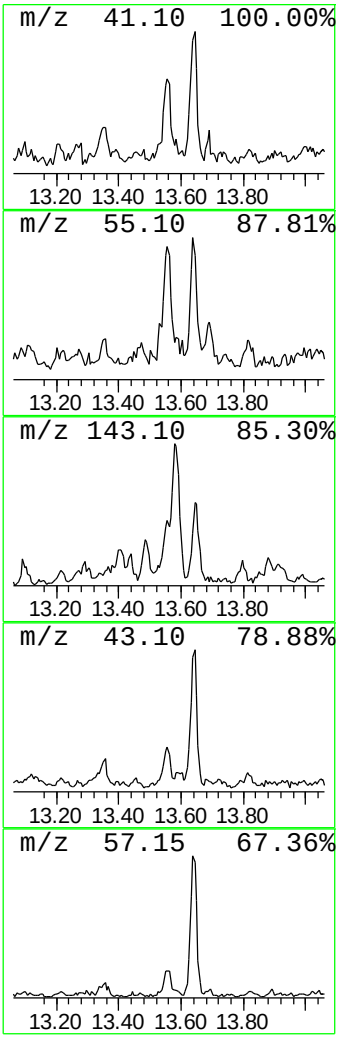
Peak Number 28 (DEL) Alkane: Cyclic13.56 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	6.61 ng/ul	638472	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	47
2	1-Tridecene	182	C13H26	002437-56-1	35
3	Cyclooctane	112	C8H16	000292-64-8	25
4	1-Tridecene	182	C13H26	002437-56-1	25
5	1-Nonadecene	266	C19H38	018435-45-5	20





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Instrument : BNA_G
ClientSampleId : DA802DL

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Quant Title : SVOA CALIBRATION

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

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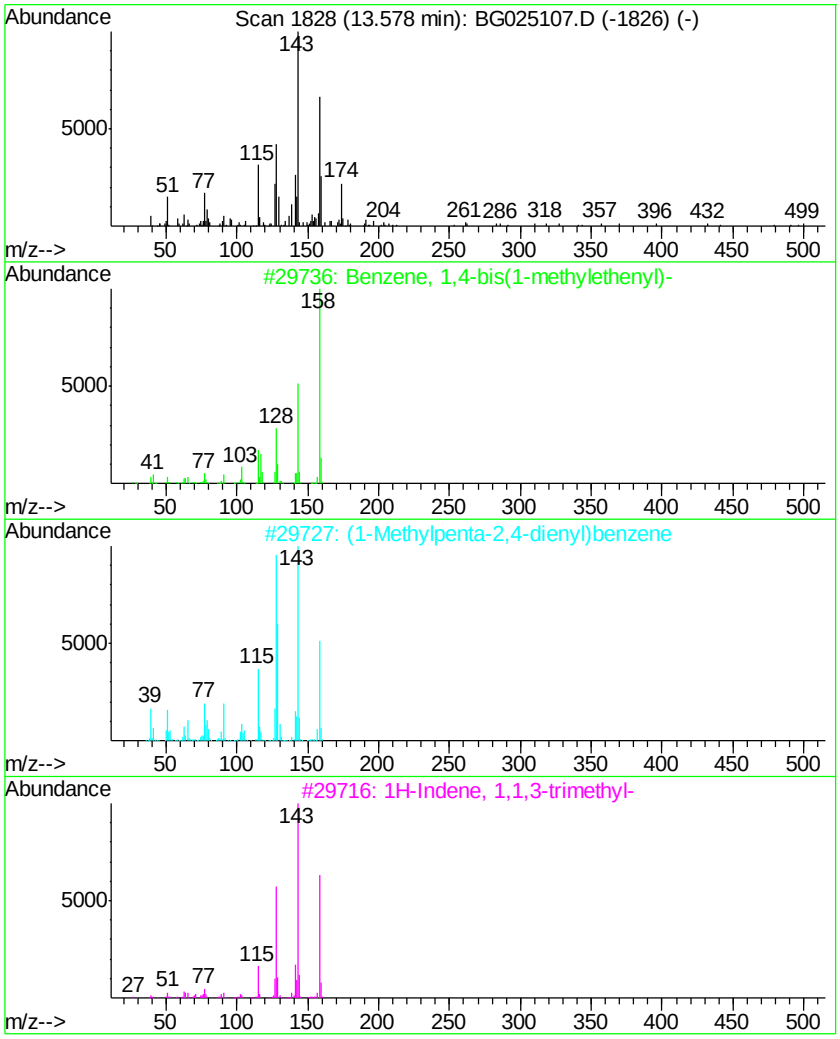
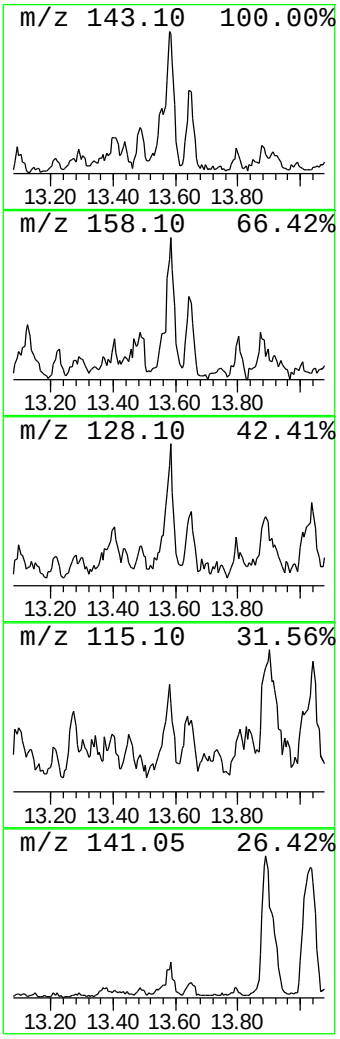
Peak Number 29 Benzene, 1,4-bis(1-methylet... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	4.90 ng/ul	473370	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	58
2	(1-Methylpenta-2,4-dienyl)benzene	158	C12H14	1000210-01-1	53
3	1H-Indene, 1,1,3-trimethyl-	158	C12H14	002177-45-9	53
4	1,2,3-Trimethylindene	158	C12H14	004773-83-5	53
5	1,2,3-Trimethylindene	158	C12H14	004773-83-5	49





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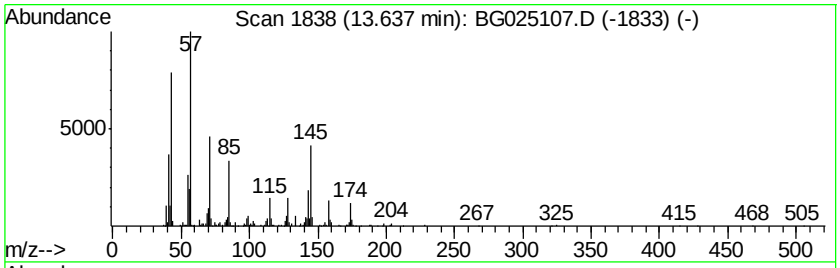
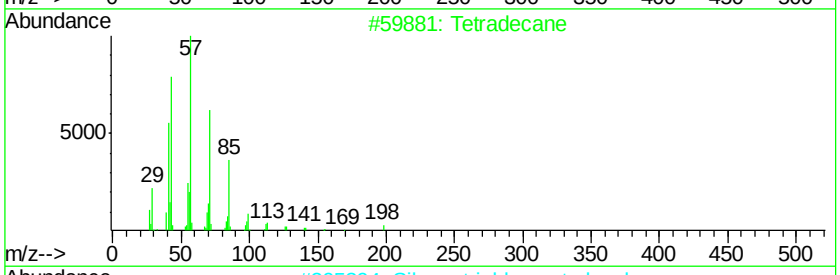
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

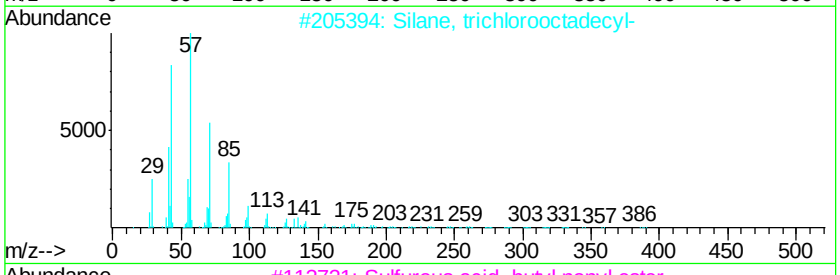
****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 19

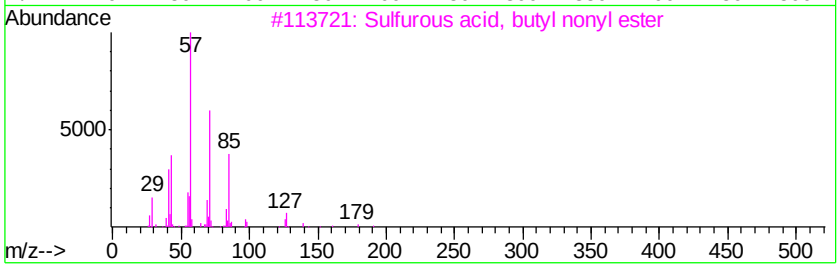
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	9.06 ng/ul	875770	Acenaphthene-d10	14.86

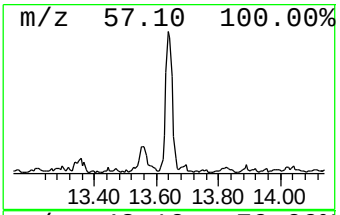
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	46
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	38
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	35
4	Octadecane	254	C18H38	000593-45-3	35
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	35

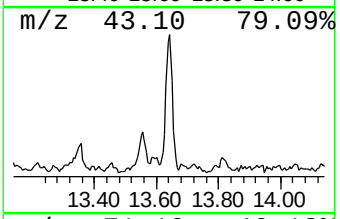


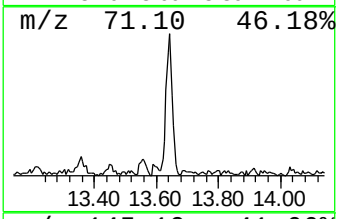


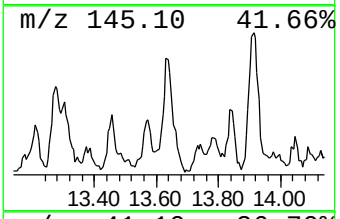


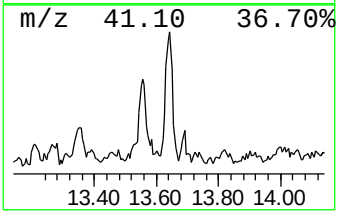












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

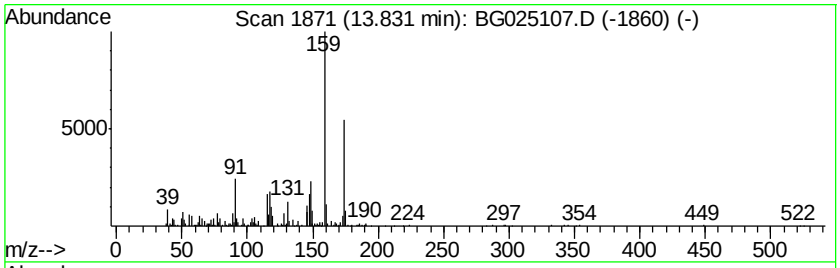
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

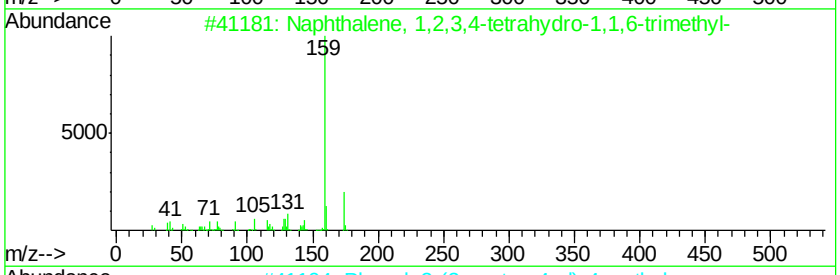
****

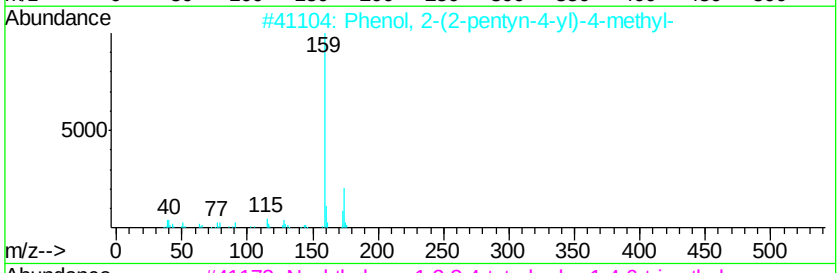
Peak Number 31 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 22

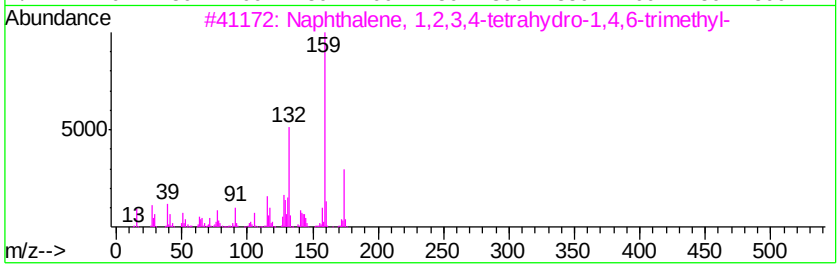
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	8.57 ng/ul	828183	Acenaphthene-d10	14.86

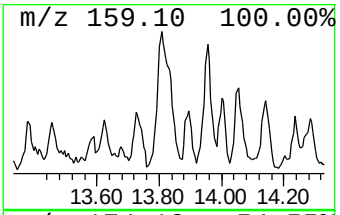
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	70
2	Phenol, 2-(2-pentyn-4-yl)-4-methyl-	174	C12H14O	1000258-83-7	58
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	52
5	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	52

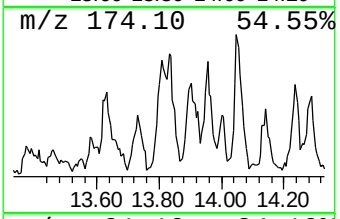


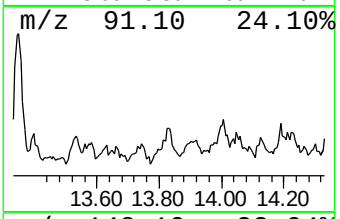


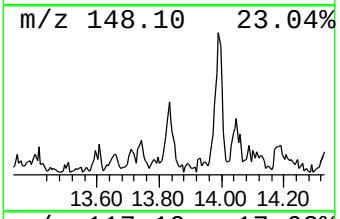


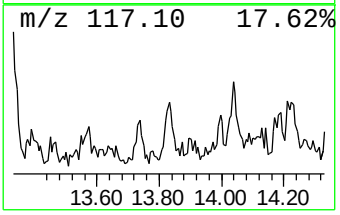












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

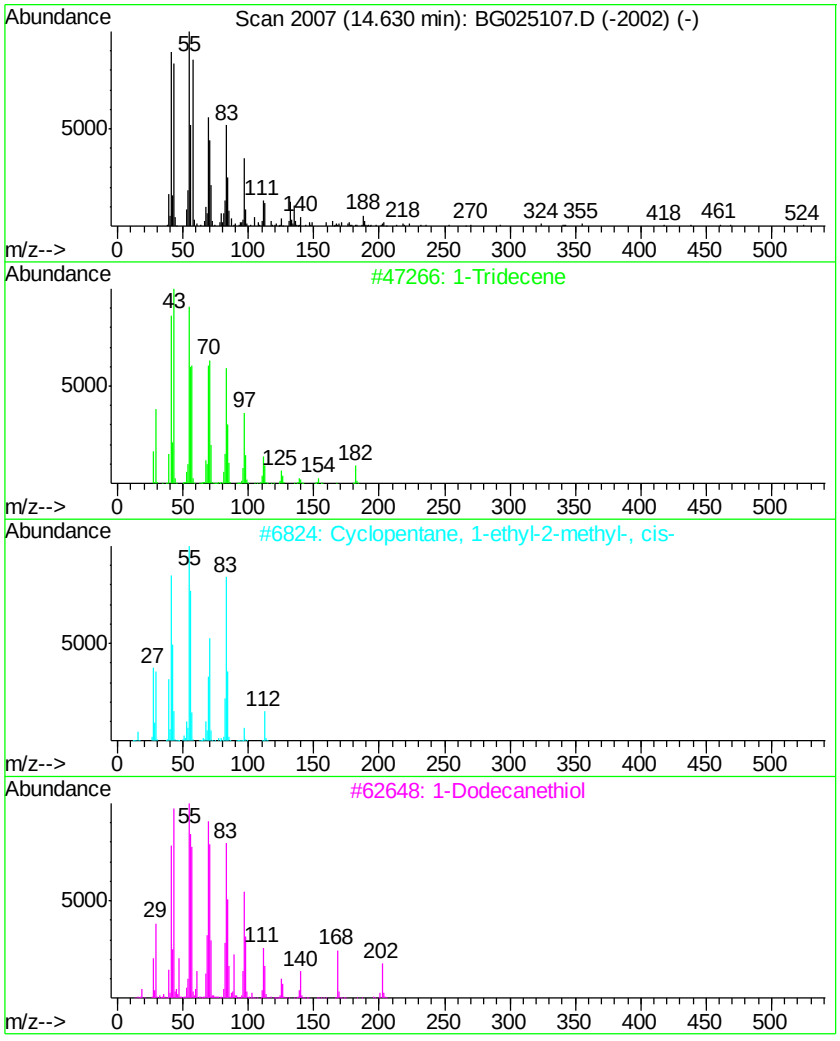
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

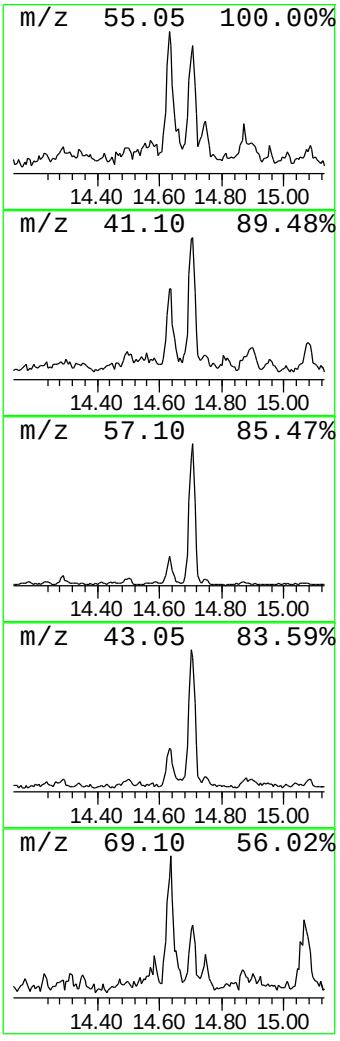
****

Peak Number 37 (DEL) Alkane: Cyclic14.63 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	4.21 ng/ul	406972	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	81
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	76
3	1-Dodecanethiol	202	C12H26S	000112-55-0	72
4	Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1000150-67-3	70
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	68





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

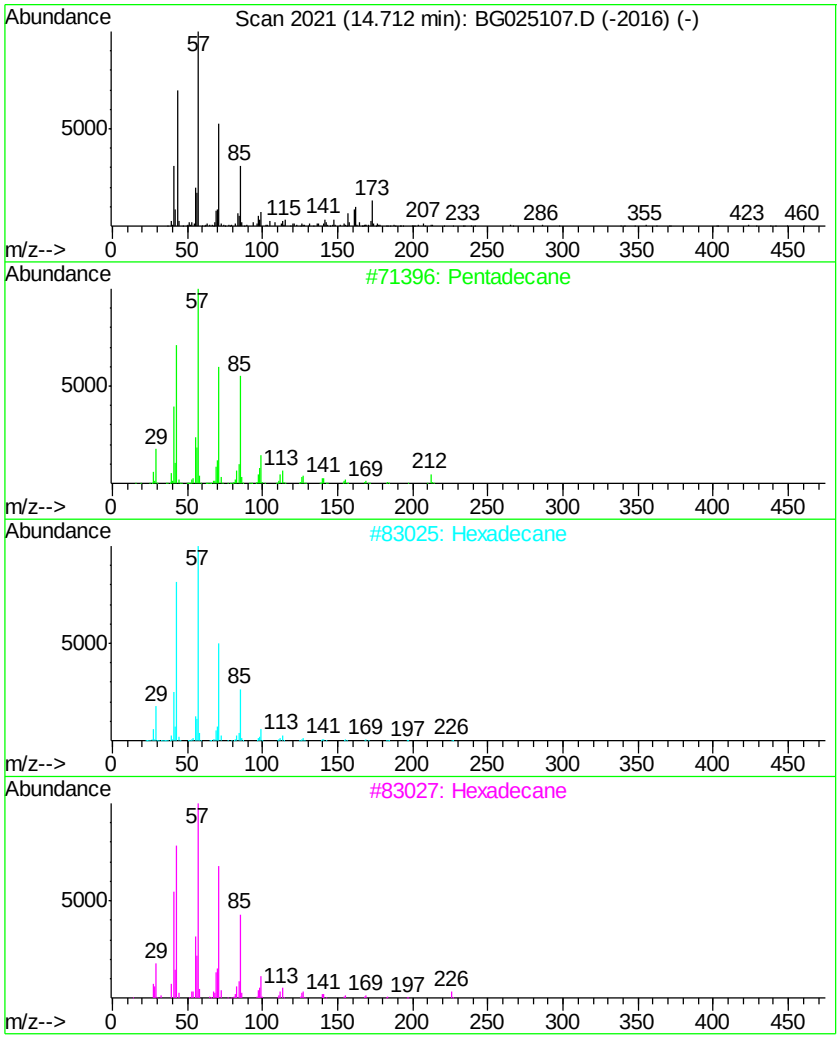
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

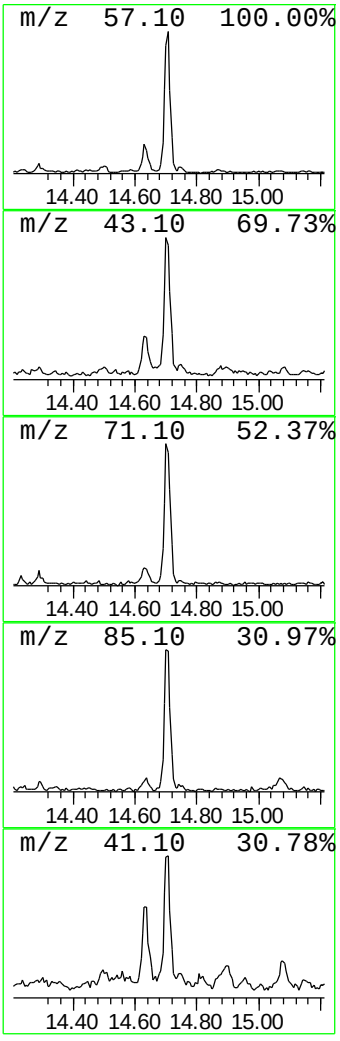
****

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	8.38 ng/ul	809247	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Undecane	156	C11H24	001120-21-4	80
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

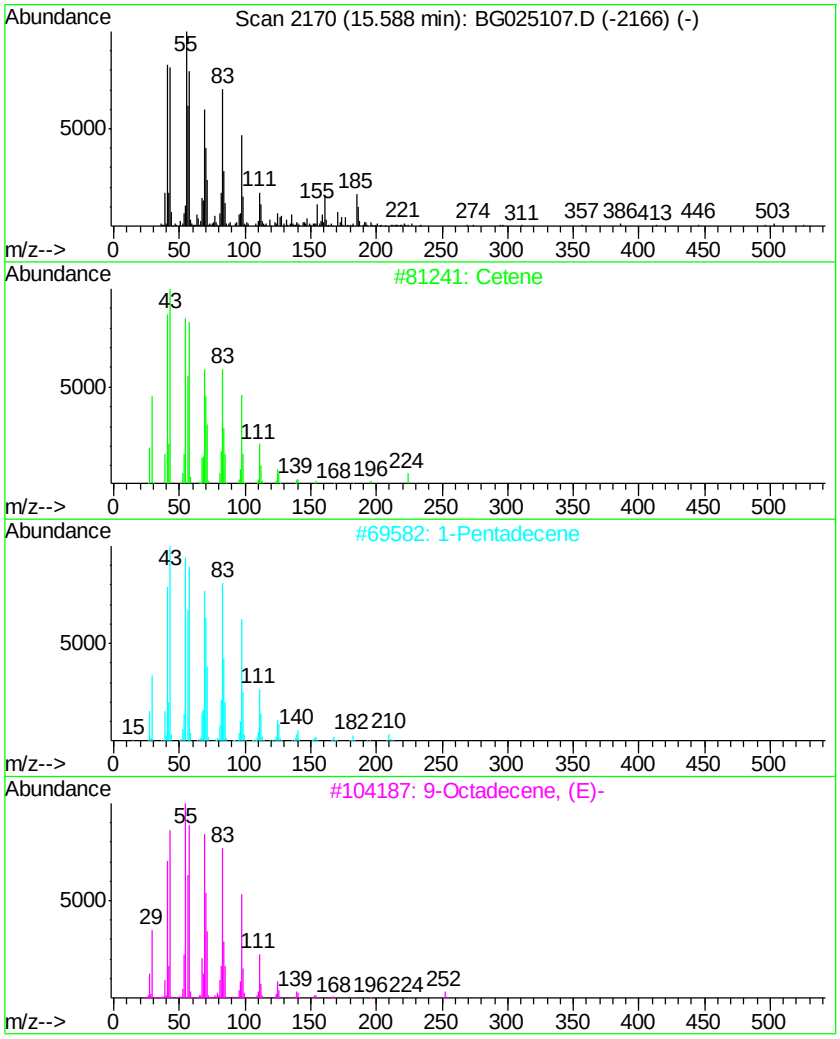
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

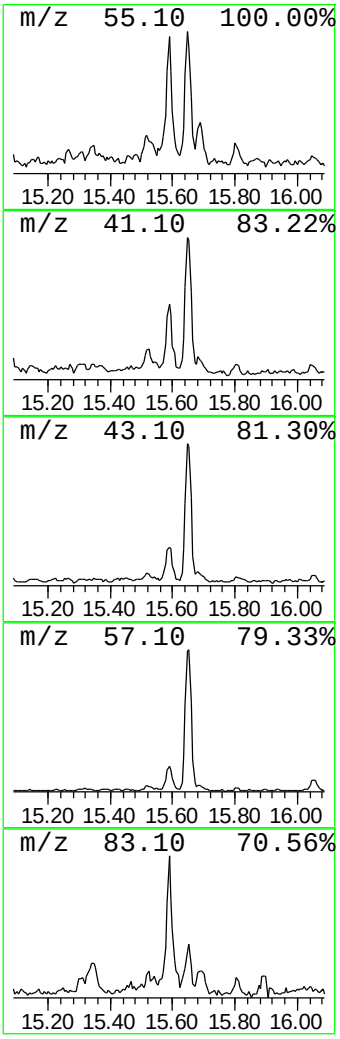
****

Peak Number 44 (DEL) Alkane: Cyclic15.59 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	5.64 ng/ul	544918	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	87
2	1-Pentadecene	210	C15H30	013360-61-7	87
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	87
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	83
5	1-Tridecene	182	C13H26	002437-56-1	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

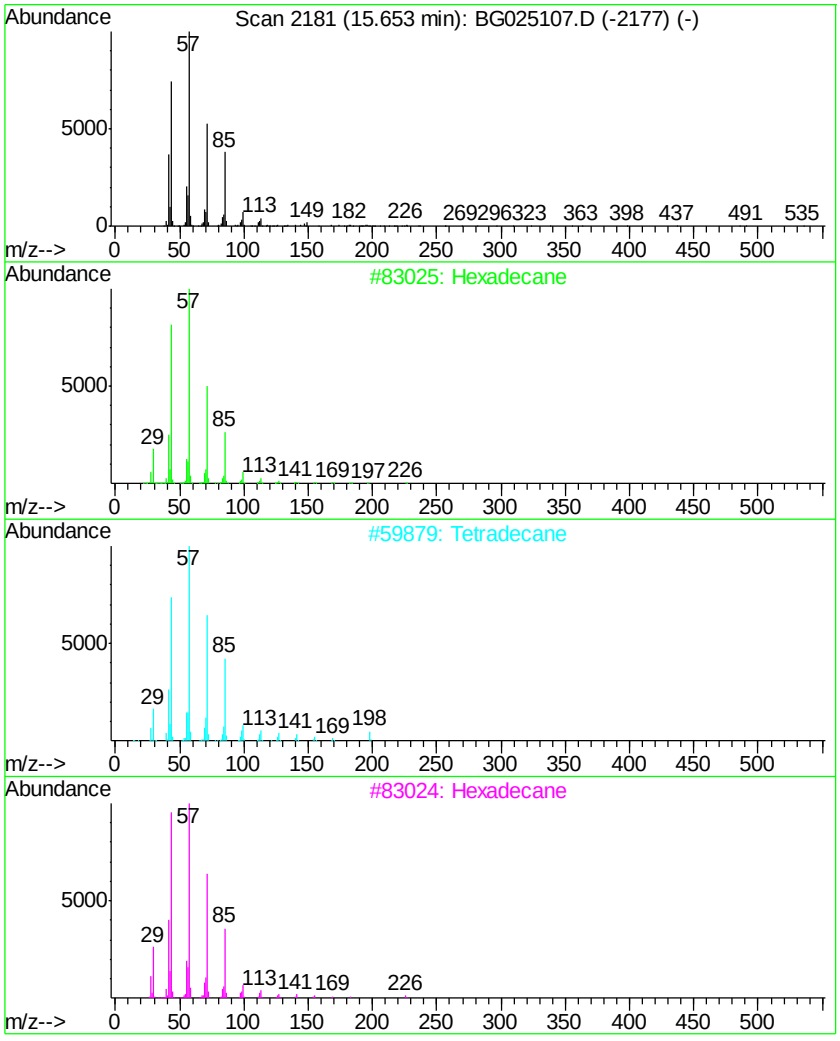
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

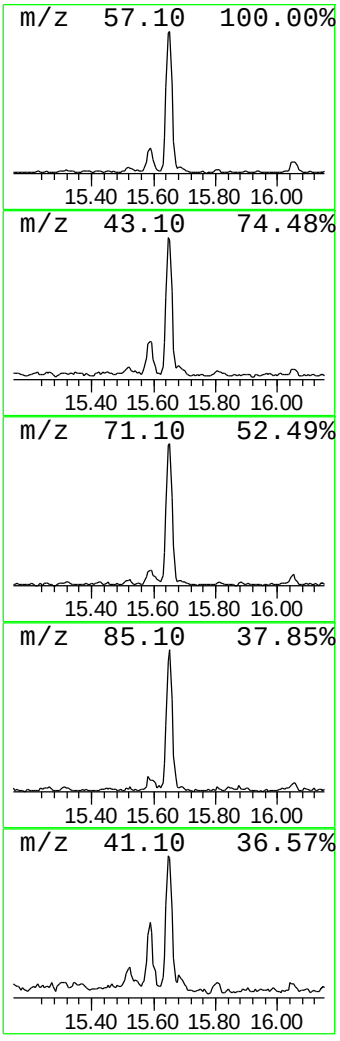
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	9.66 ng/ul	933523	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

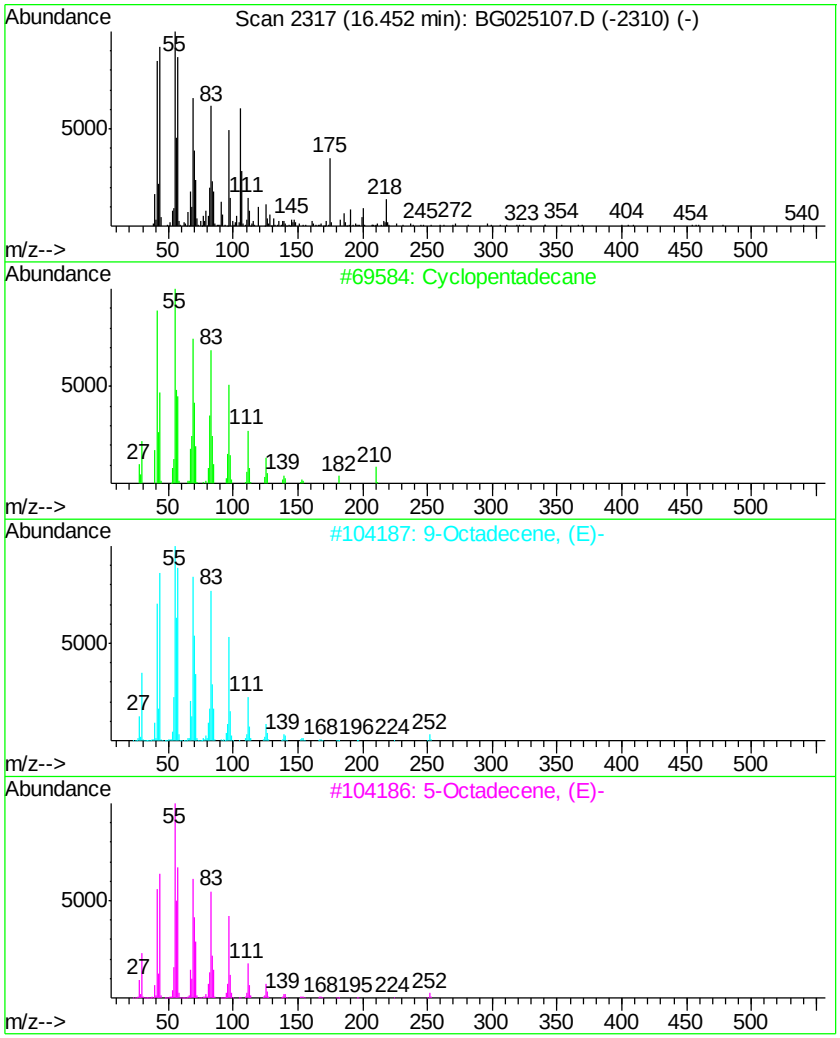
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

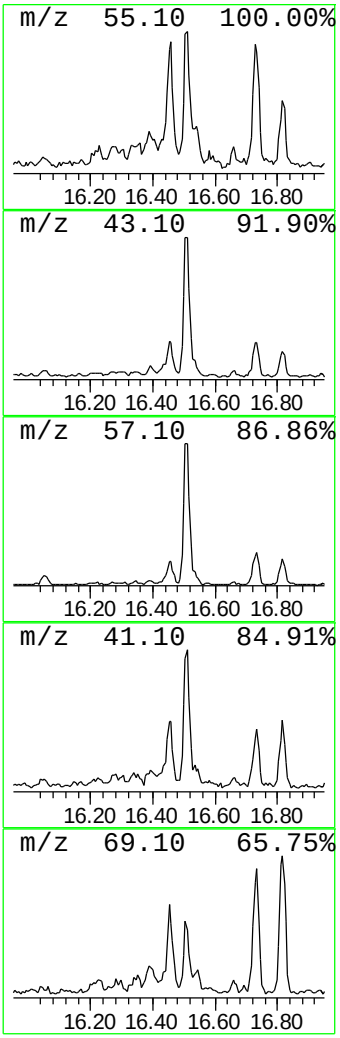
****

Peak Number 47 (DEL) Alkane: Cyclic16.45 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	6.68 ng/ul	932267	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	89
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	76
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	68
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	68
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	68





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

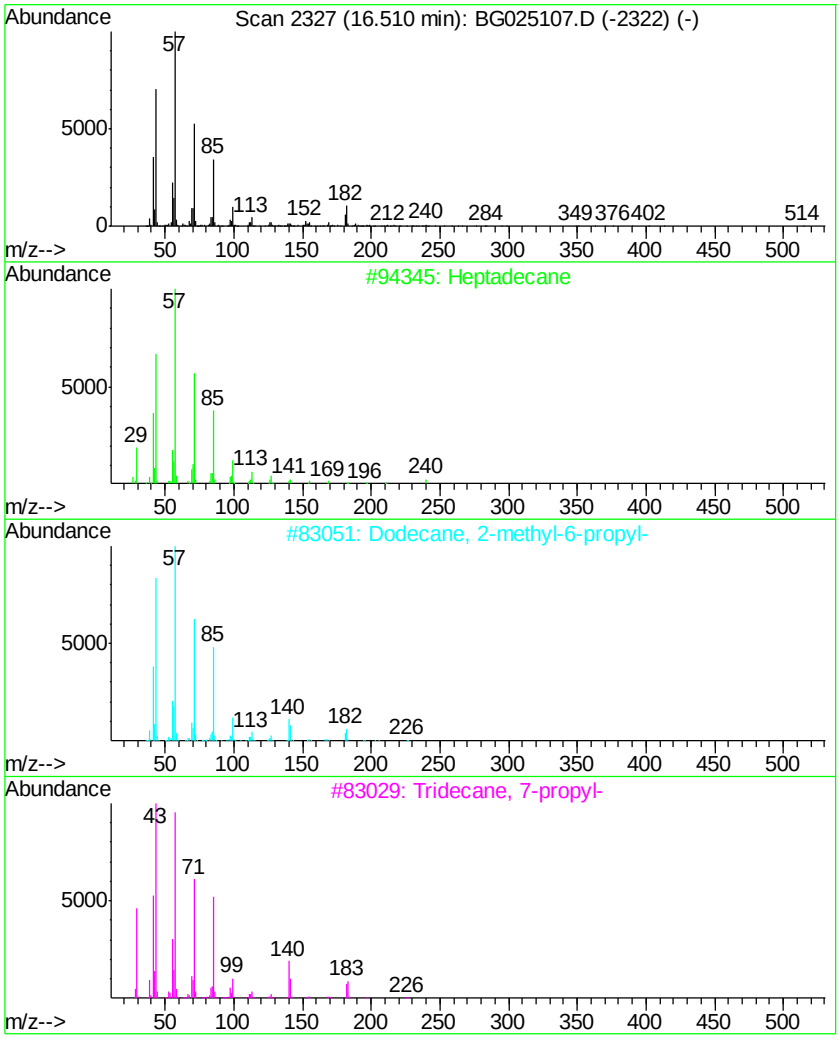
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

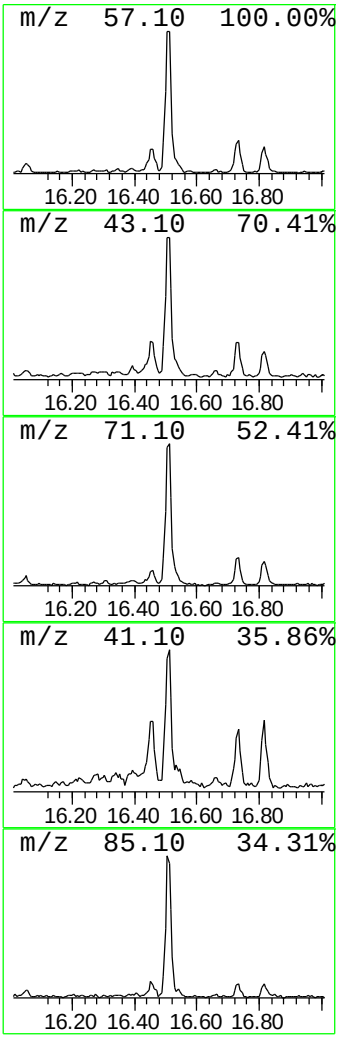
****

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	10.95 ng/ul	1528270	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	81
4	Eicosane	282	C20H42	000112-95-8	72
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

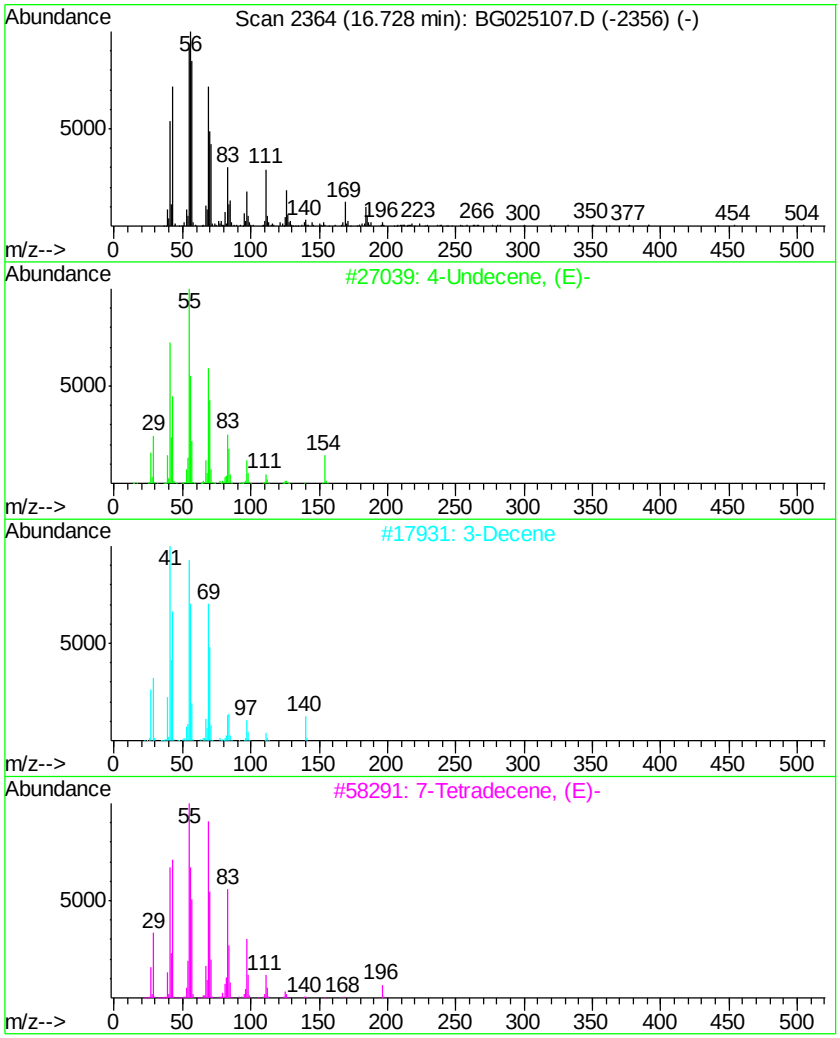
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

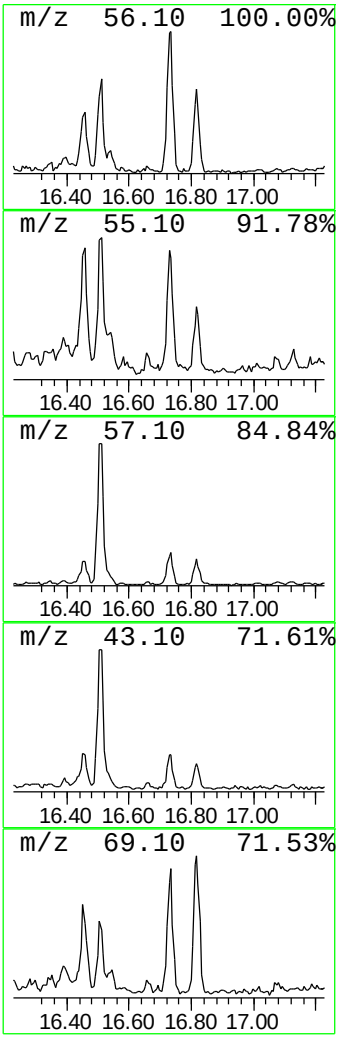
****

Peak Number 50 (DEL) Alkane: Cyclic16.73 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	5.11 ng/ul	713269	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecene, (E)-	154	C11H22	000693-62-9	49
2	3-Decene	140	C10H20	019398-37-9	46
3	7-Tetradecene, (E)-	196	C14H28	041446-63-3	46
4	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	46
5	Cyclopropane, 1-heptyl-2-methyl-	154	C11H22	074663-91-5	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

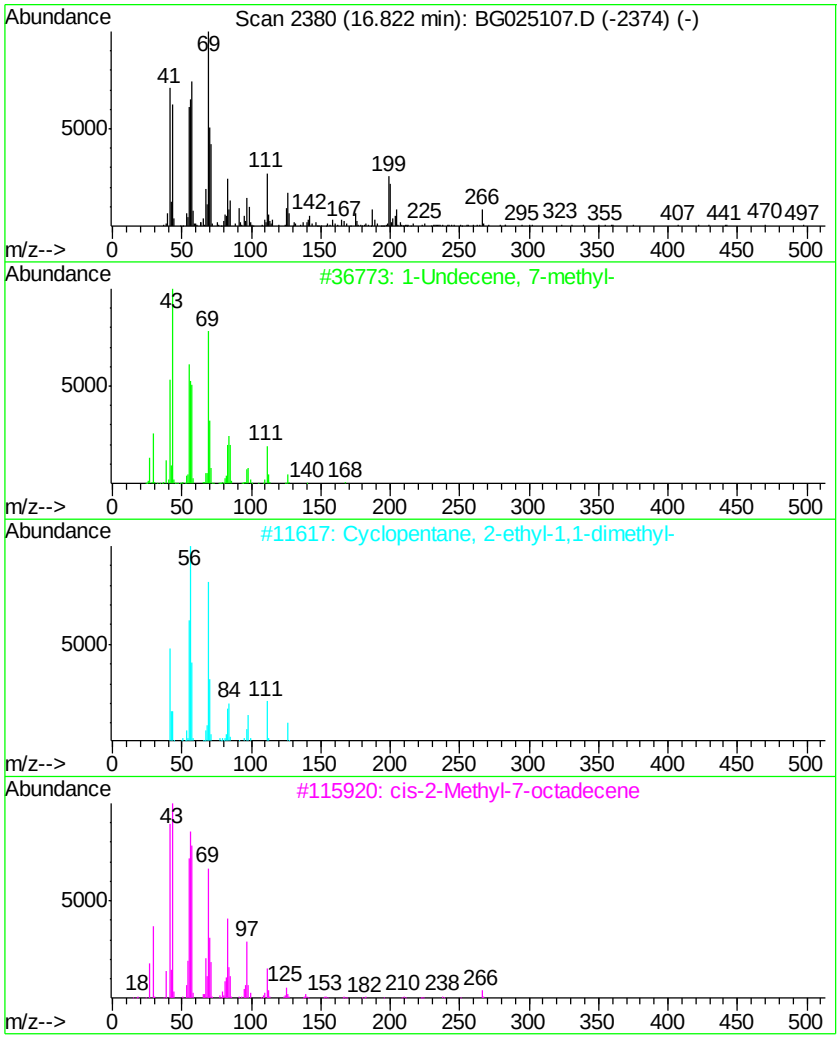
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

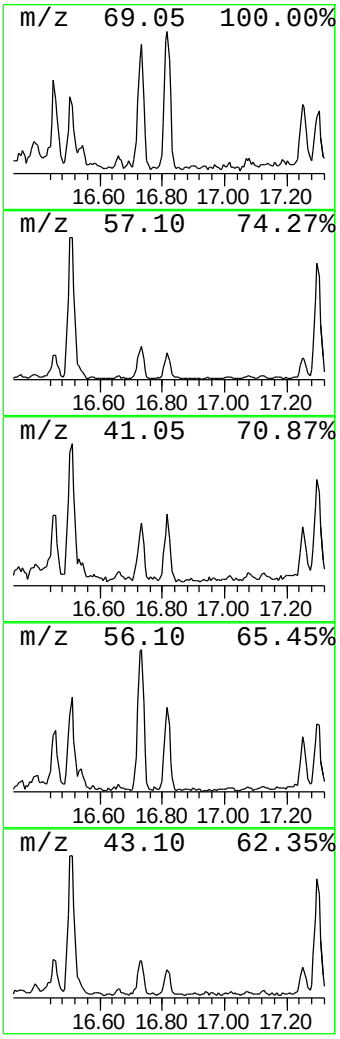
****

Peak Number 51 (DEL) Alkane: Cyclic16.82 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	4.51 ng/ul	629106	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	58
2	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	49
3	cis-2-Methyl-7-octadecene	266	C19H38	035354-39-3	49
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	46
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

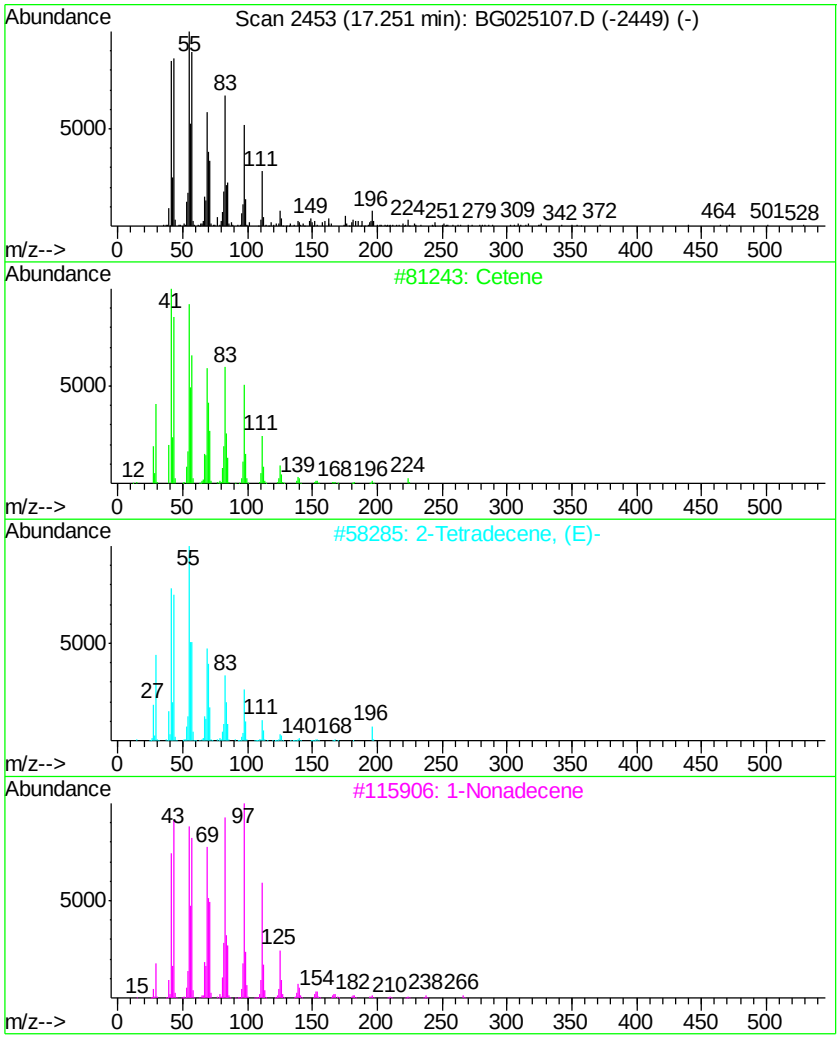
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

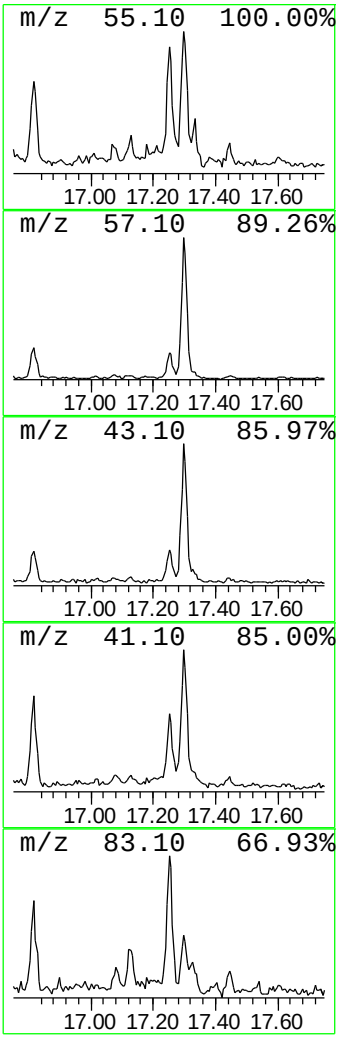
****

Peak Number 53 (DEL) Alkane: Cyclic17.25 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	3.65 ng/ul	509441	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	98
2	2-Tetradecene, (E)-	196	C14H28	035953-54-9	92
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Z-8-Hexadecene	224	C16H32	1000130-87-5	90
5	3-Tetradecene, (E)-	196	C14H28	041446-68-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

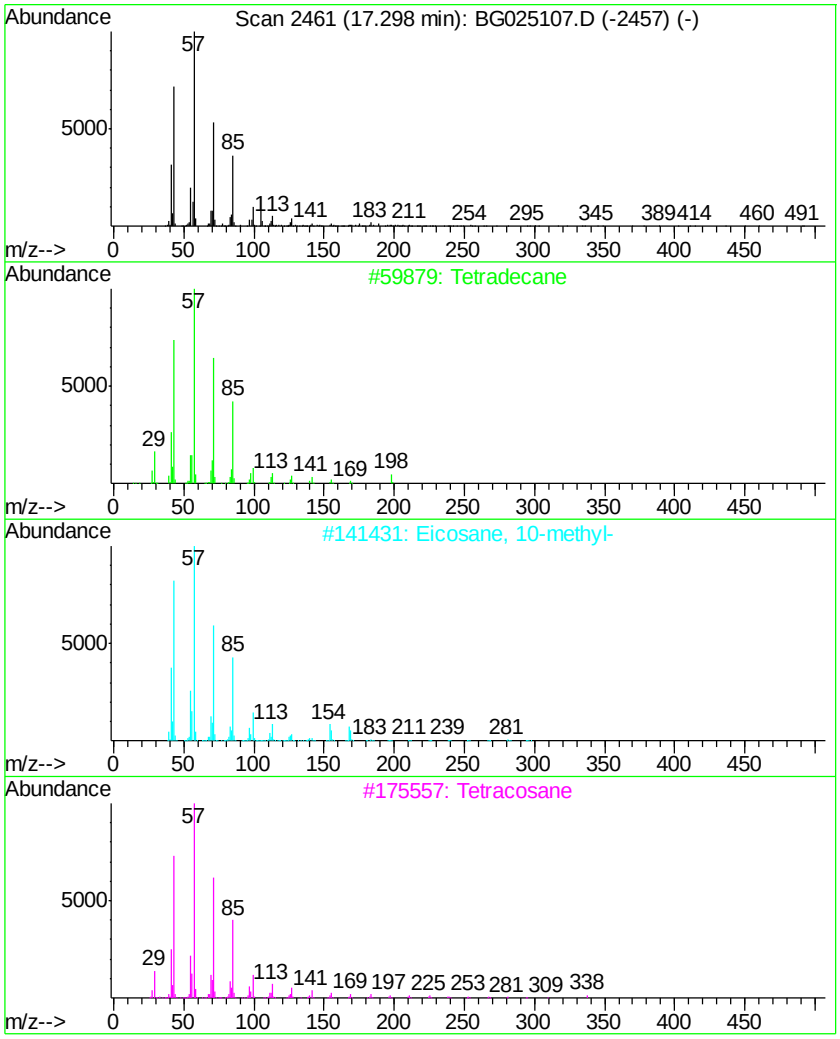
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

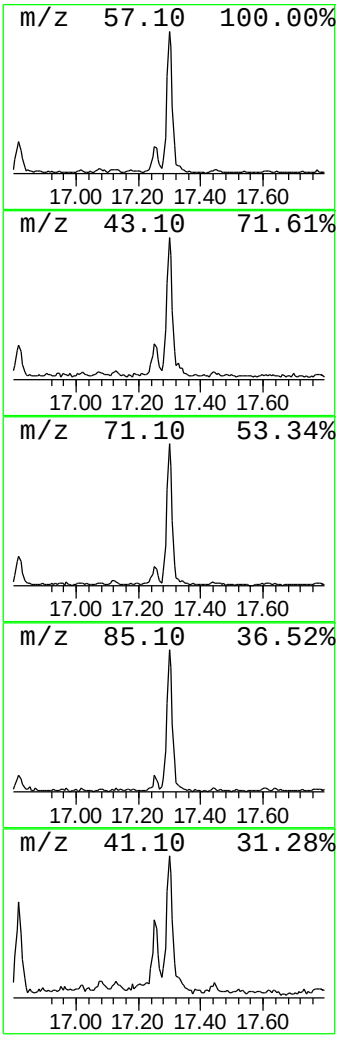
****

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	9.93 ng/ul	1385640	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

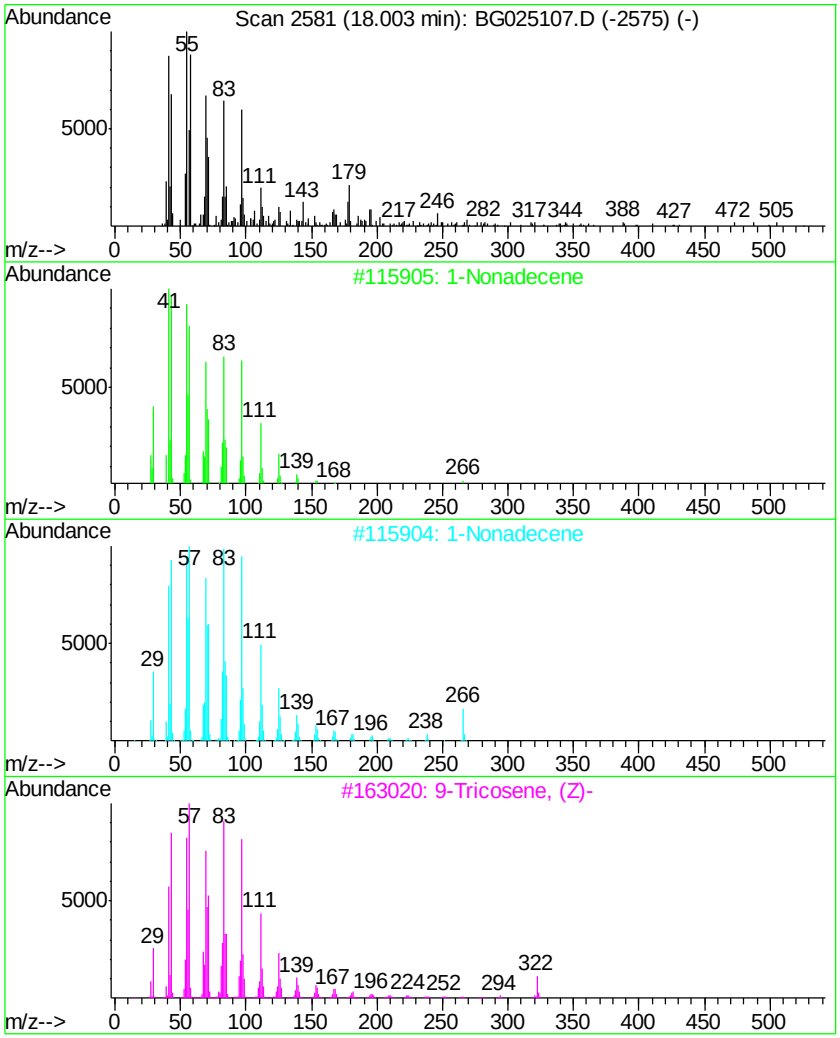
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

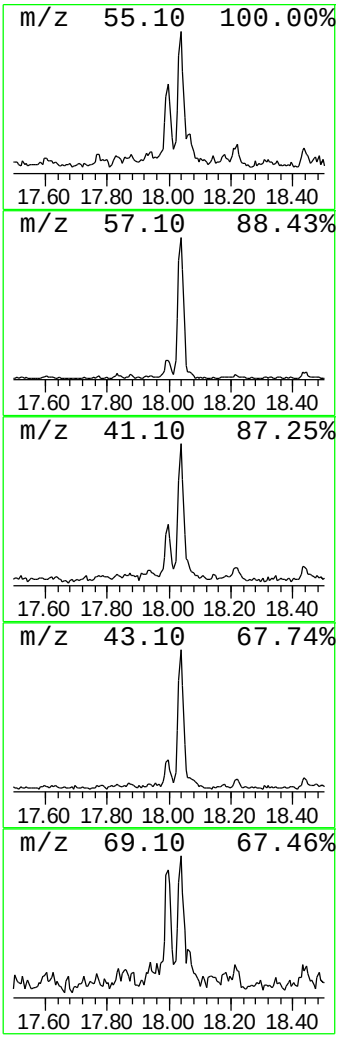
****

Peak Number 55 (DEL) Alkane: Cyclic18.00 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.51 ng/ul	350635	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	1-Nonadecene	266	C19H38	018435-45-5	93
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
4	E-7-Octadecene	252	C18H36	1000130-92-0	90
5	Cycloeicosane	280	C20H40	000296-56-0	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

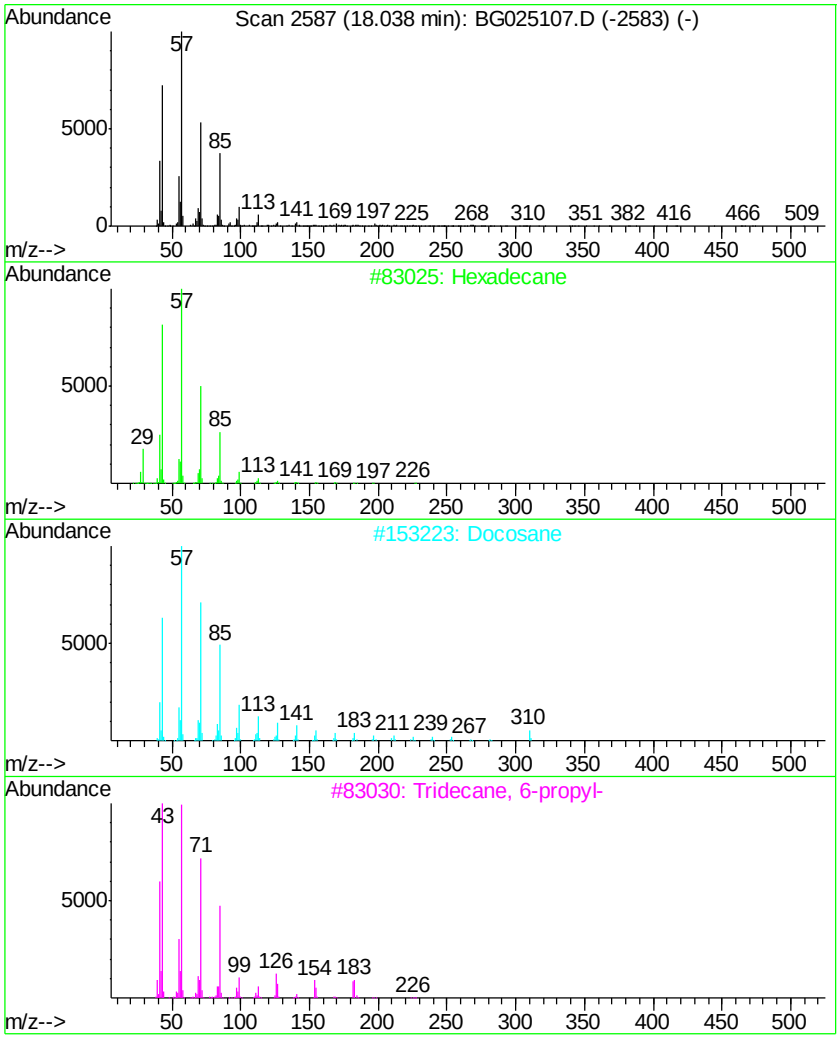
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

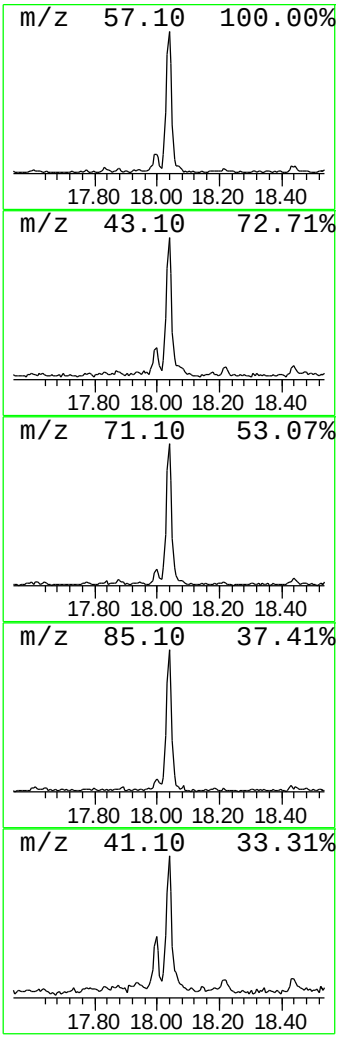
****

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	8.50 ng/ul	1186380	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Docosane	310	C22H46	000629-97-0	94
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	94
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

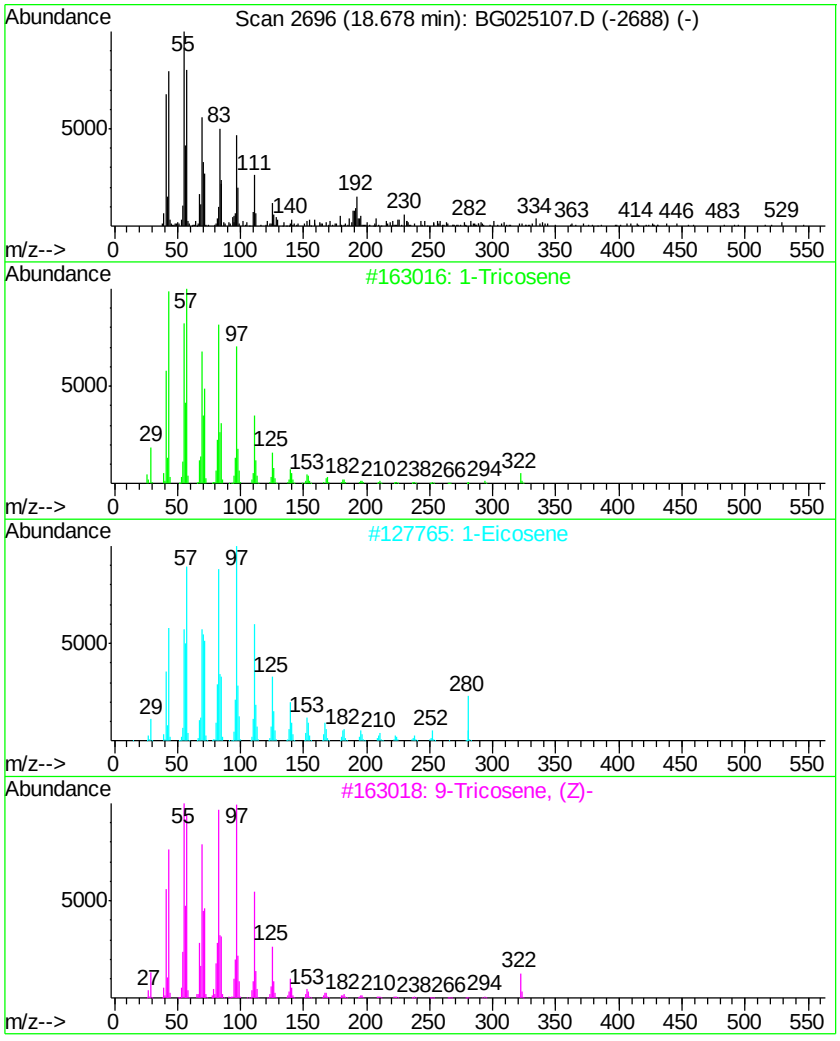
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

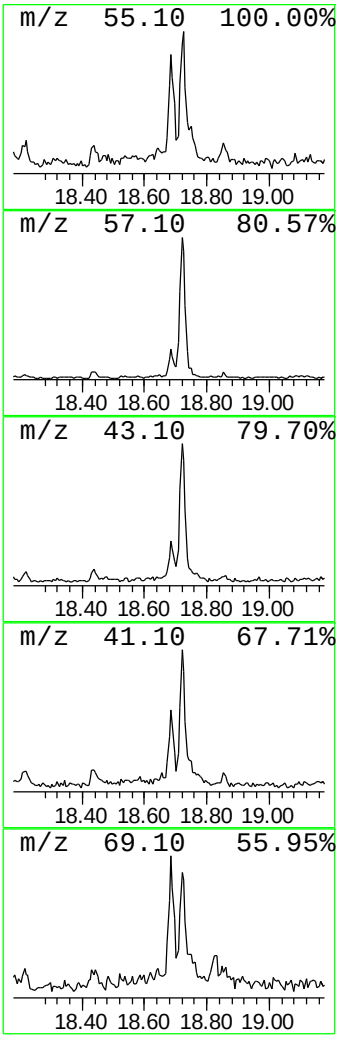
****

Peak Number 57 (DEL) Alkane: Cyclic18.68 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	3.25 ng/ul	453789	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	97
2	1-Eicosene	280	C20H40	003452-07-1	95
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	11-Tricosene	322	C23H46	052078-56-5	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

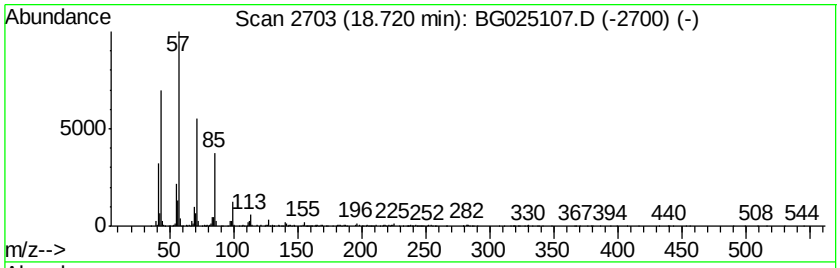
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

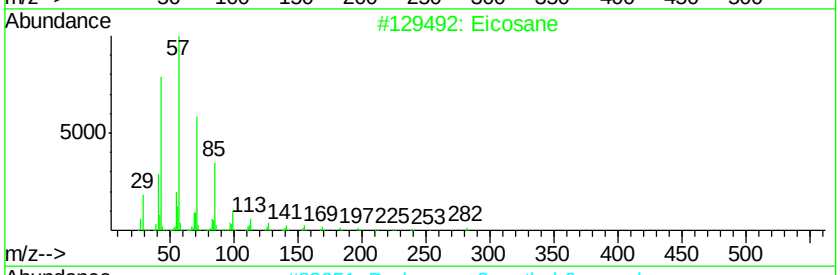
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

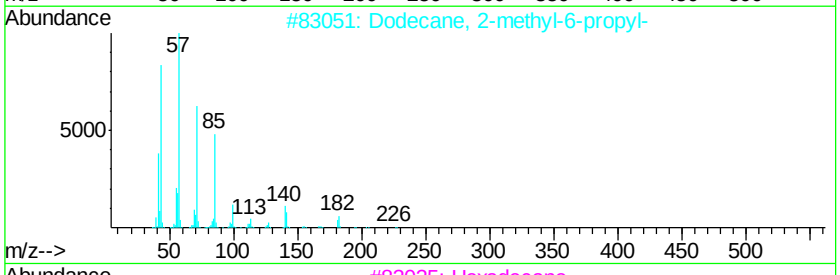
****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 32

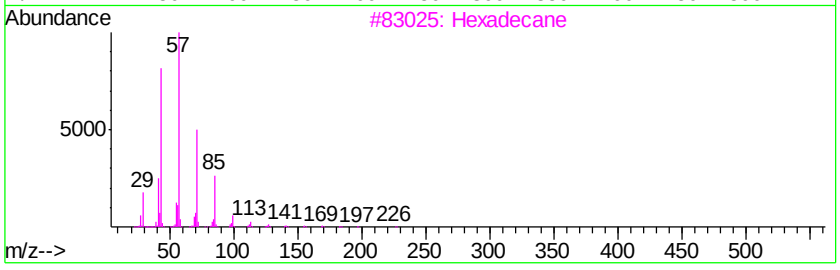
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	6.69 ng/ul	932979	Phenanthrene-d10	17.60

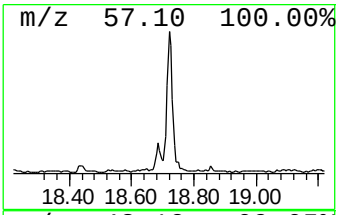
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5	Undecane, 3-ethyl-	184	C13H28	017312-58-2	86

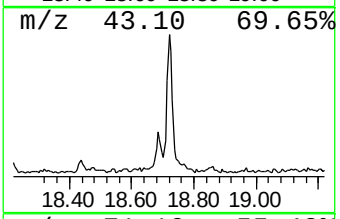


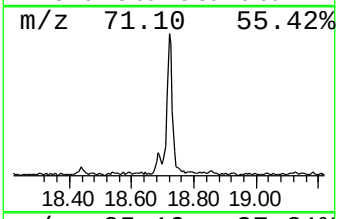


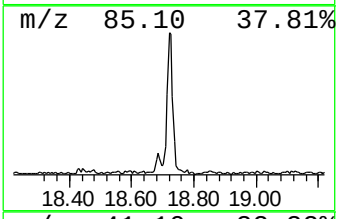


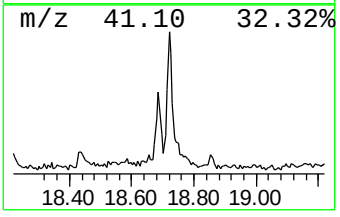












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

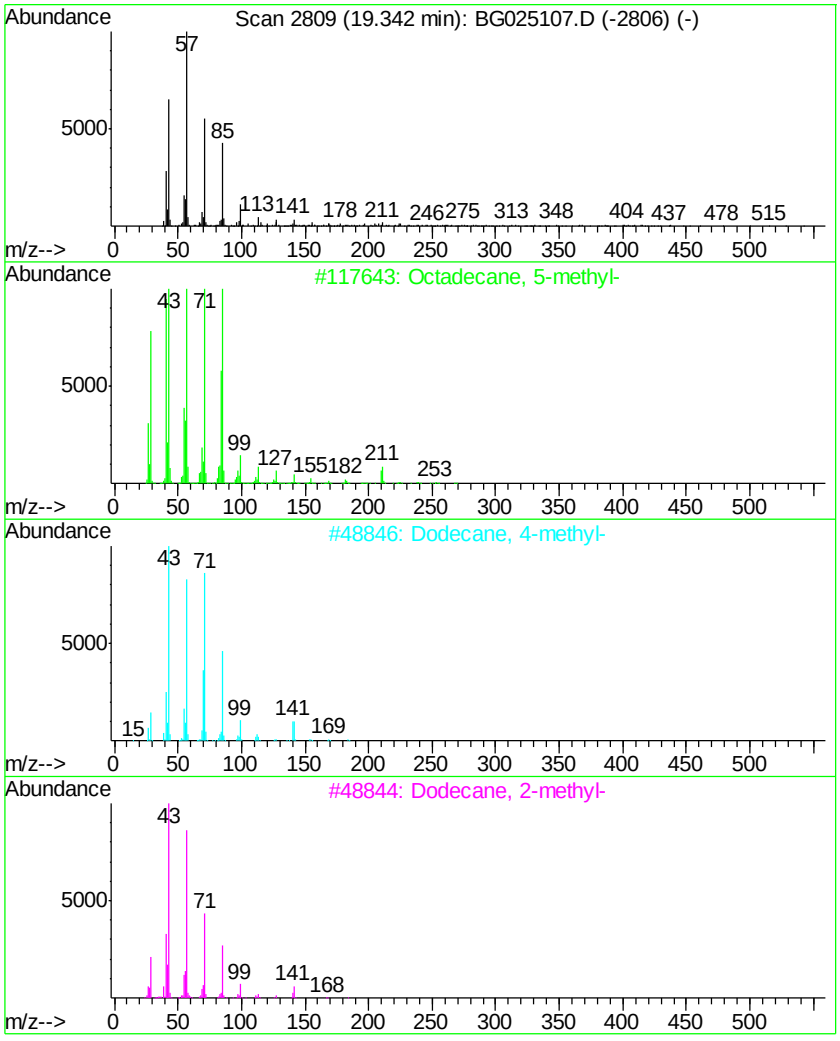
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

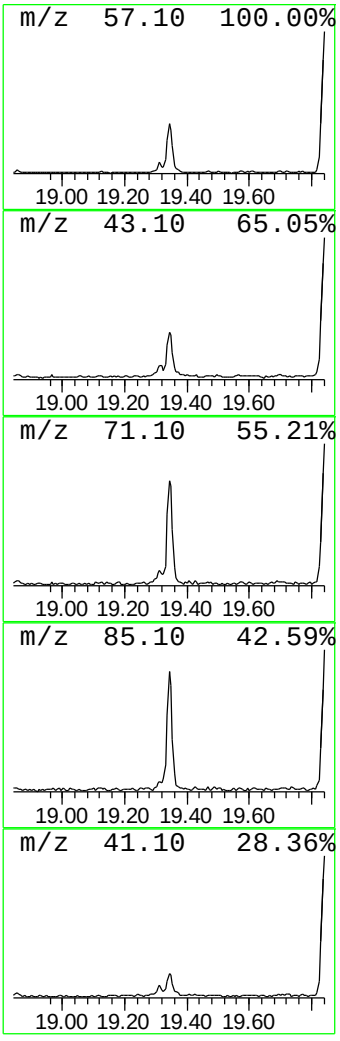
****

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	4.54 ng/ul	632983	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 5-methyl-	268	C19H40	025117-35-5	81
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Heptacosane	380	C27H56	000593-49-7	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
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Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

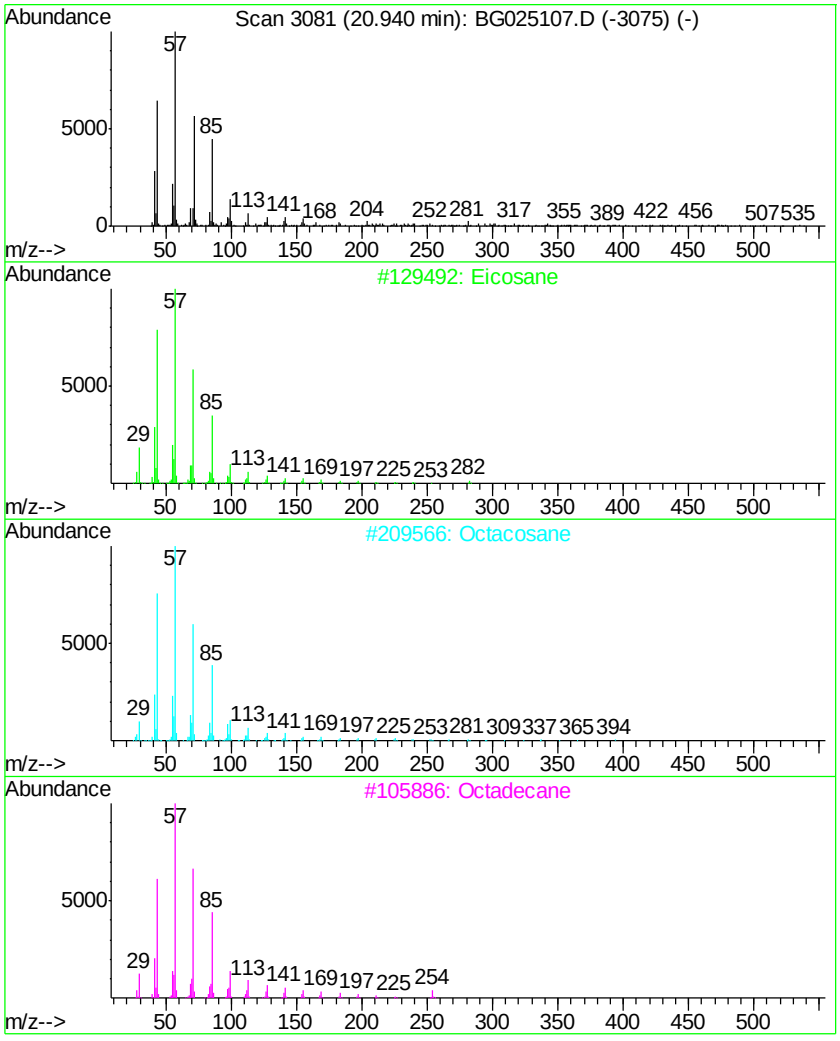
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

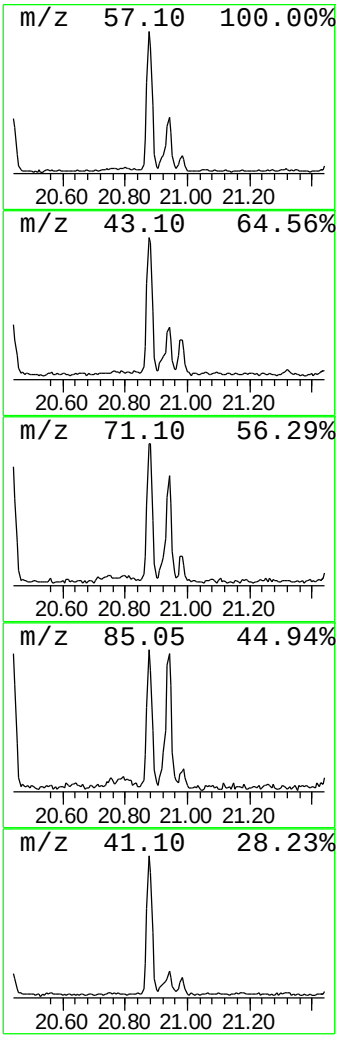
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.33 ng/ul	707025	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Octacosane	394	C28H58	000630-02-4	81
3	Octadecane	254	C18H38	000593-45-3	81
4	Docosane	310	C22H46	000629-97-0	81
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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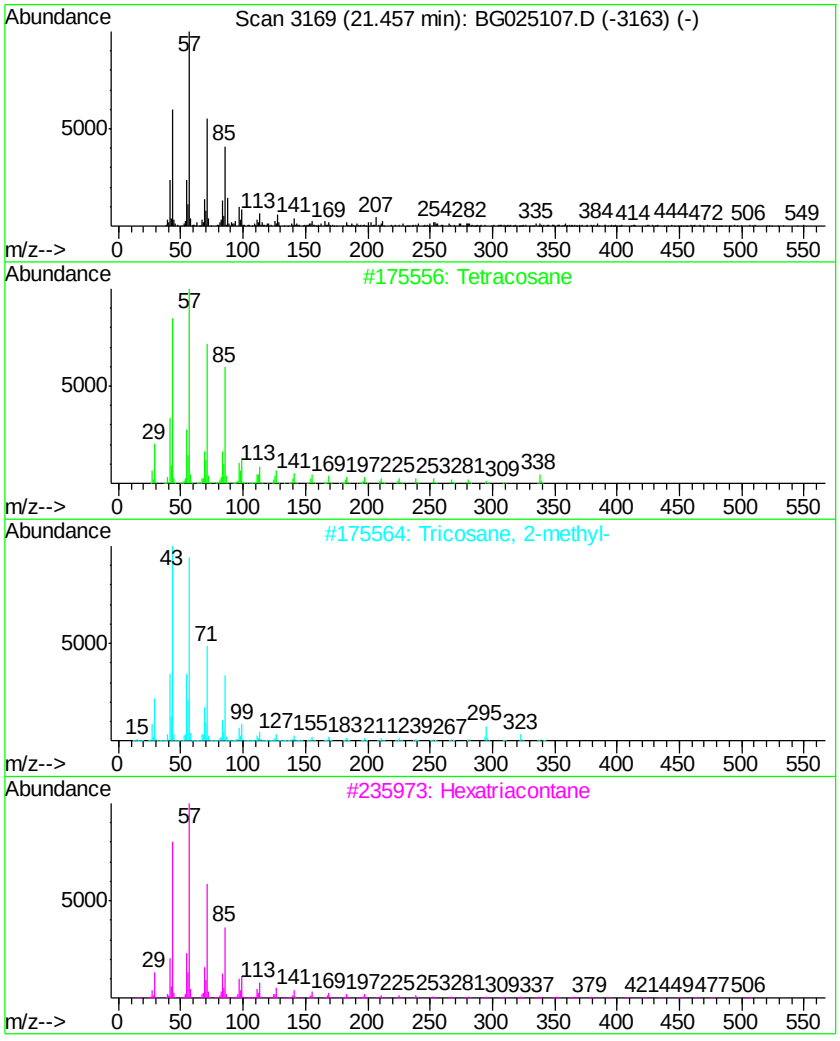
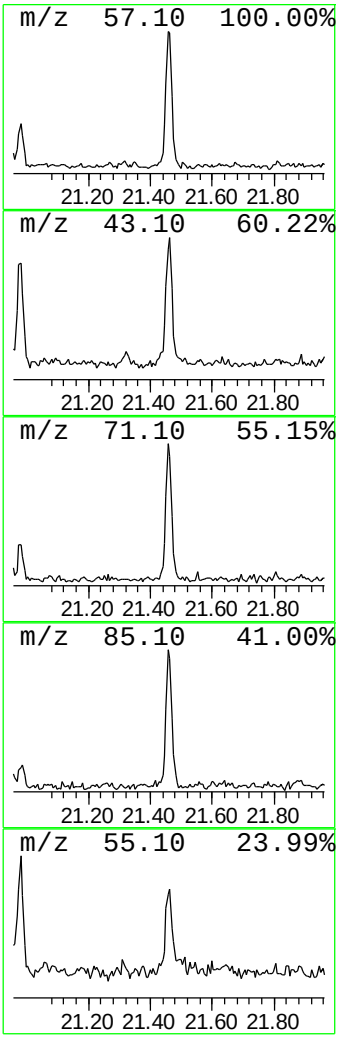
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	4.63 ng/ul	755626	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
3	Hexatriacontane	507	C36H74	000630-06-8	81
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	81
5	Hentriacontane	437	C31H64	000630-04-6	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

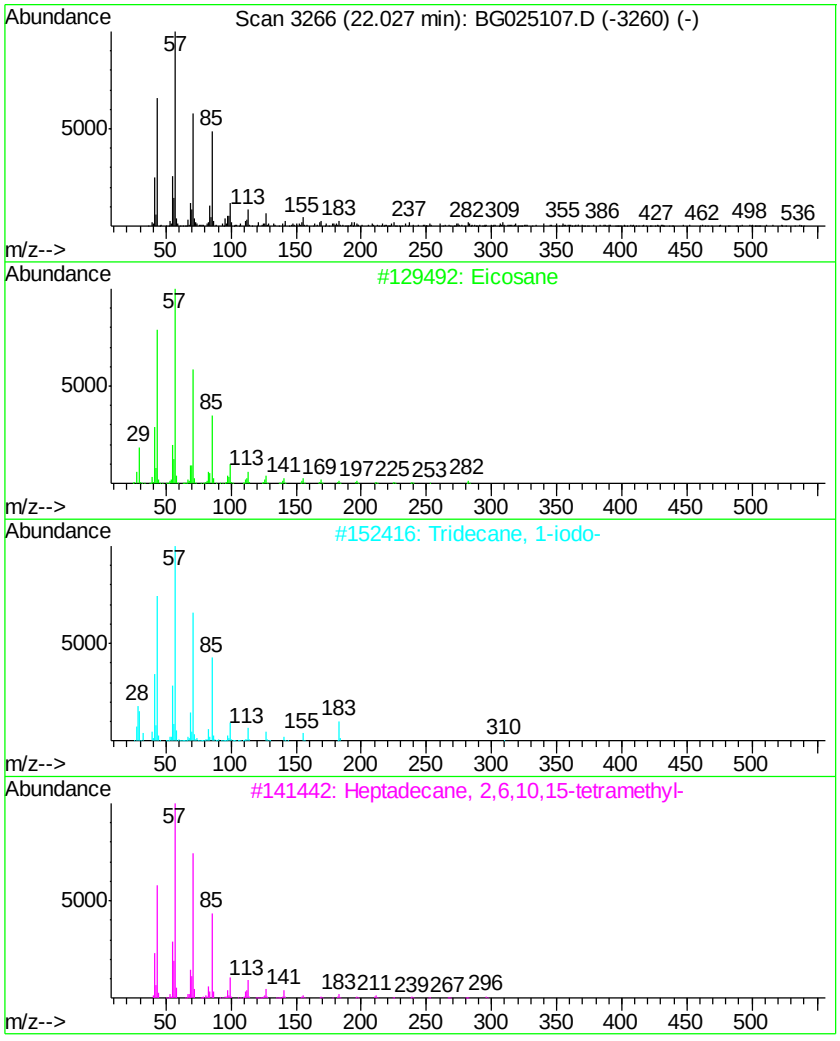
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

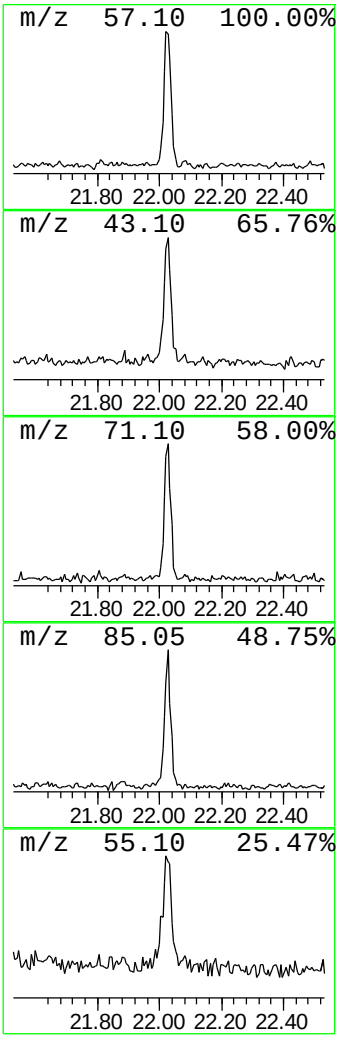
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	3.27 ng/ul	534223	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5	Eicosane	282	C20H42	000112-95-8	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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

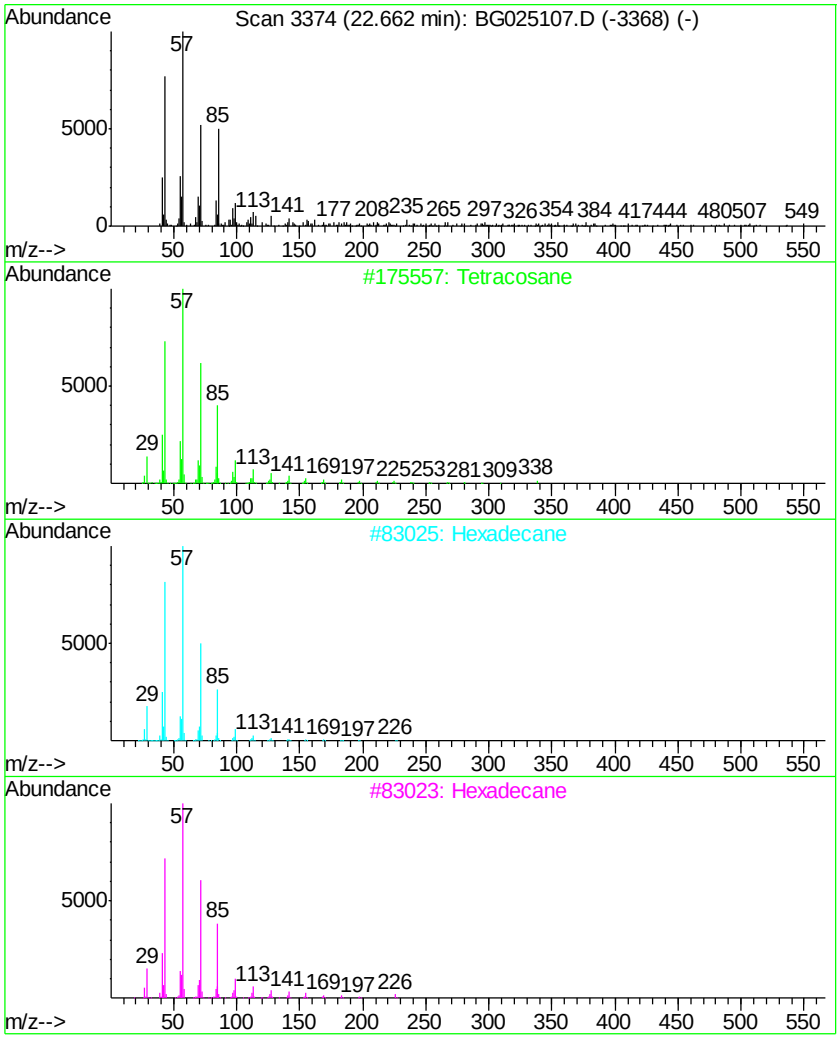
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

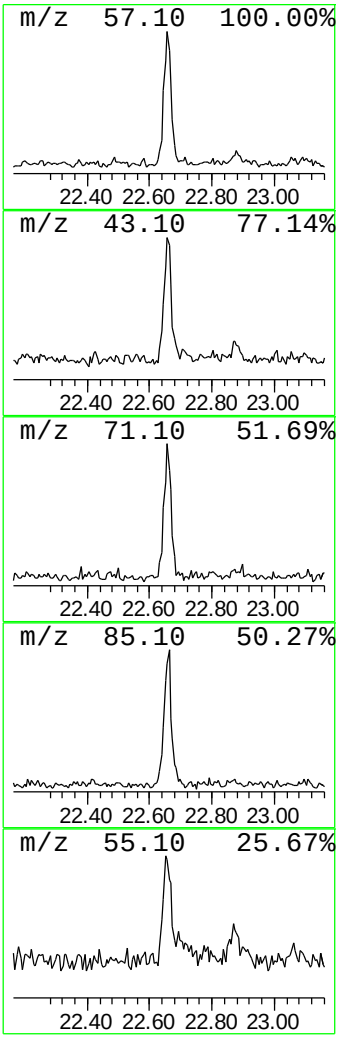
****

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	2.68 ng/ul	437168	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexadecane	226	C16H34	000544-76-3	89
4	Tricosane	324	C23H48	000638-67-5	76
5	Octacosane	394	C28H58	000630-02-4	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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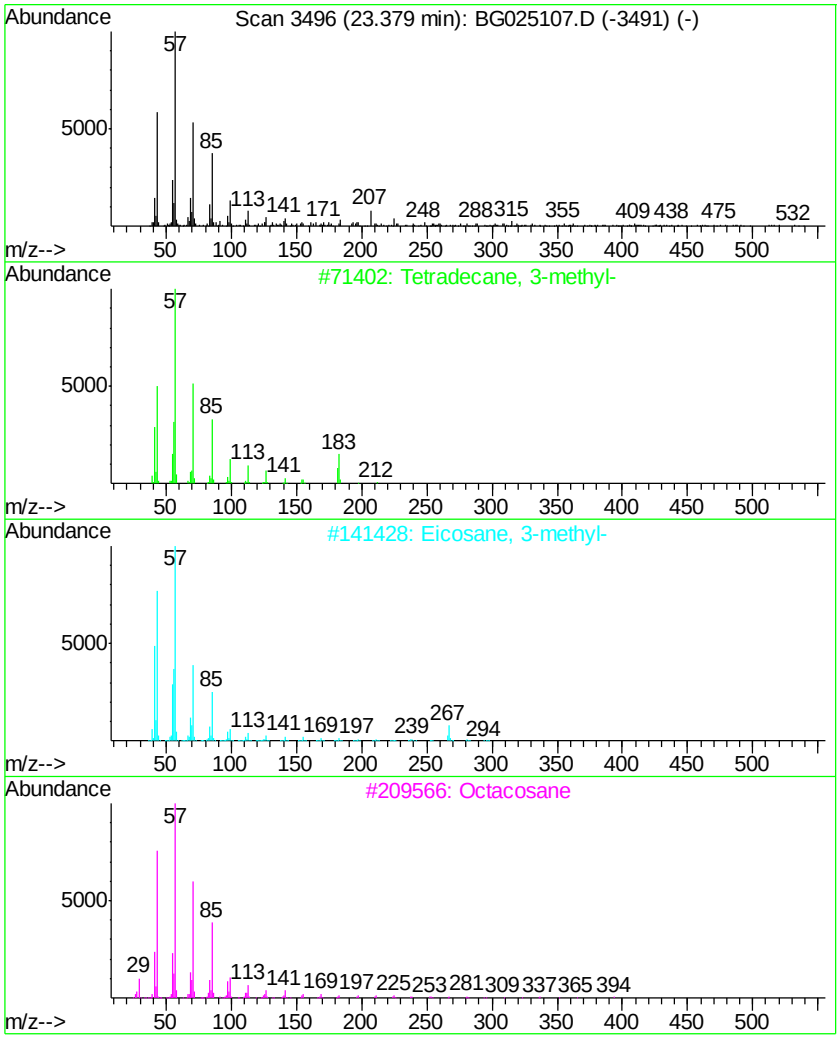
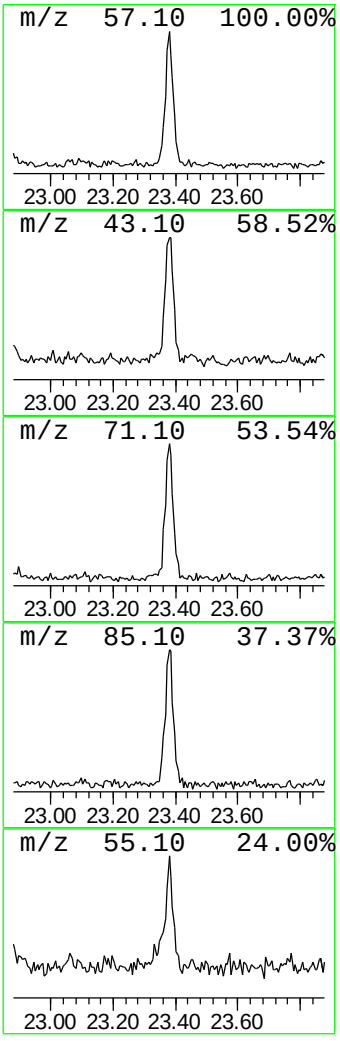
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.38	3.24 ng/ul	528258	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	76
2	Eicosane, 3-methyl-	296	C21H44	006418-46-8	76
3	Octacosane	394	C28H58	000630-02-4	68
4	Decane, 5-propyl-	184	C13H28	017312-62-8	68
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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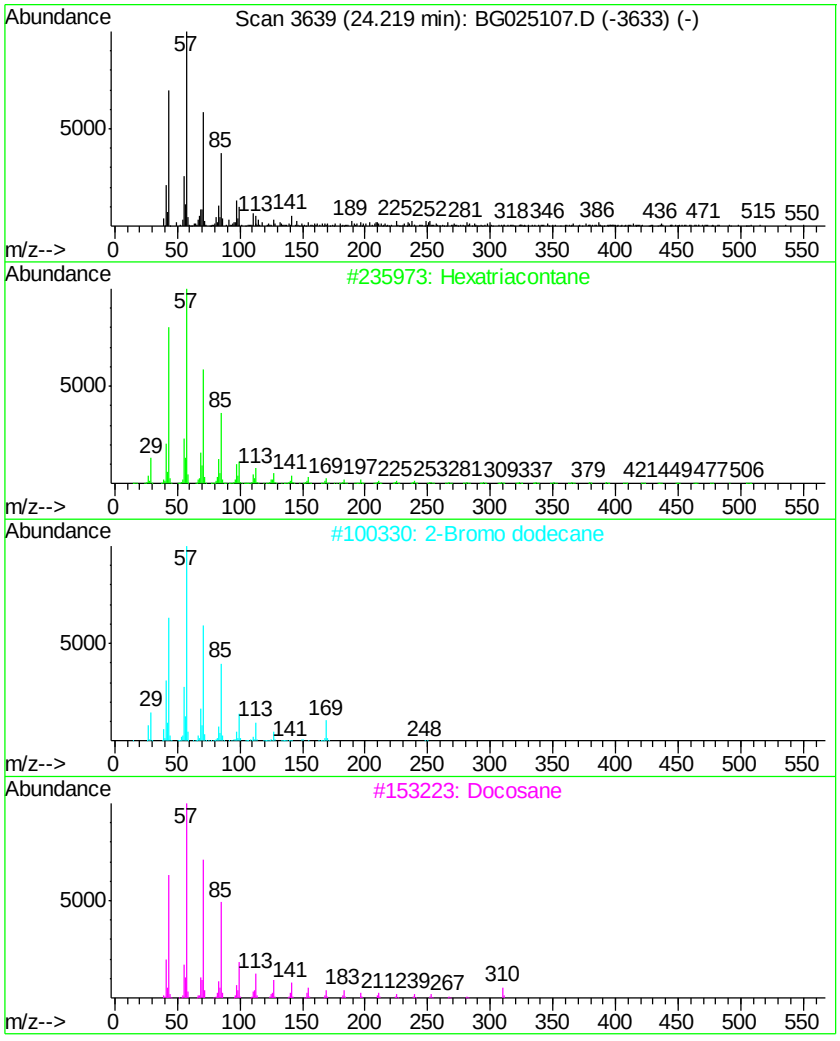
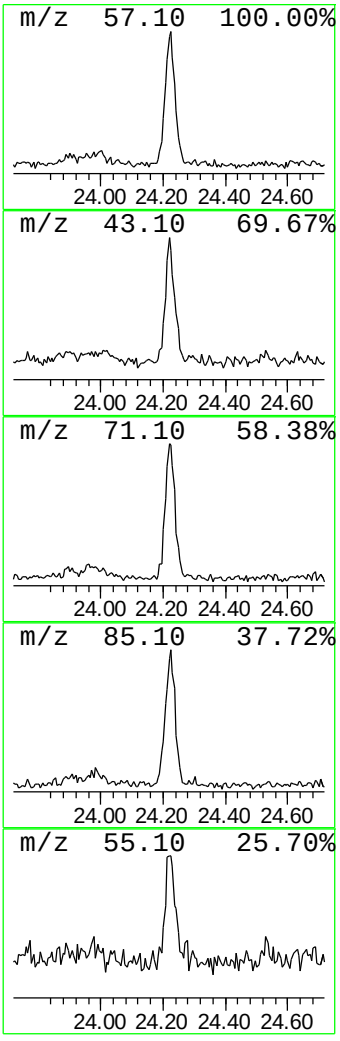
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	3.43 ng/ul	580399	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	89
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	89
3	Docosane	310	C22H46	000629-97-0	76
4	Hexadecane	226	C16H34	000544-76-3	76
5	Tetradecane	198	C14H30	000629-59-4	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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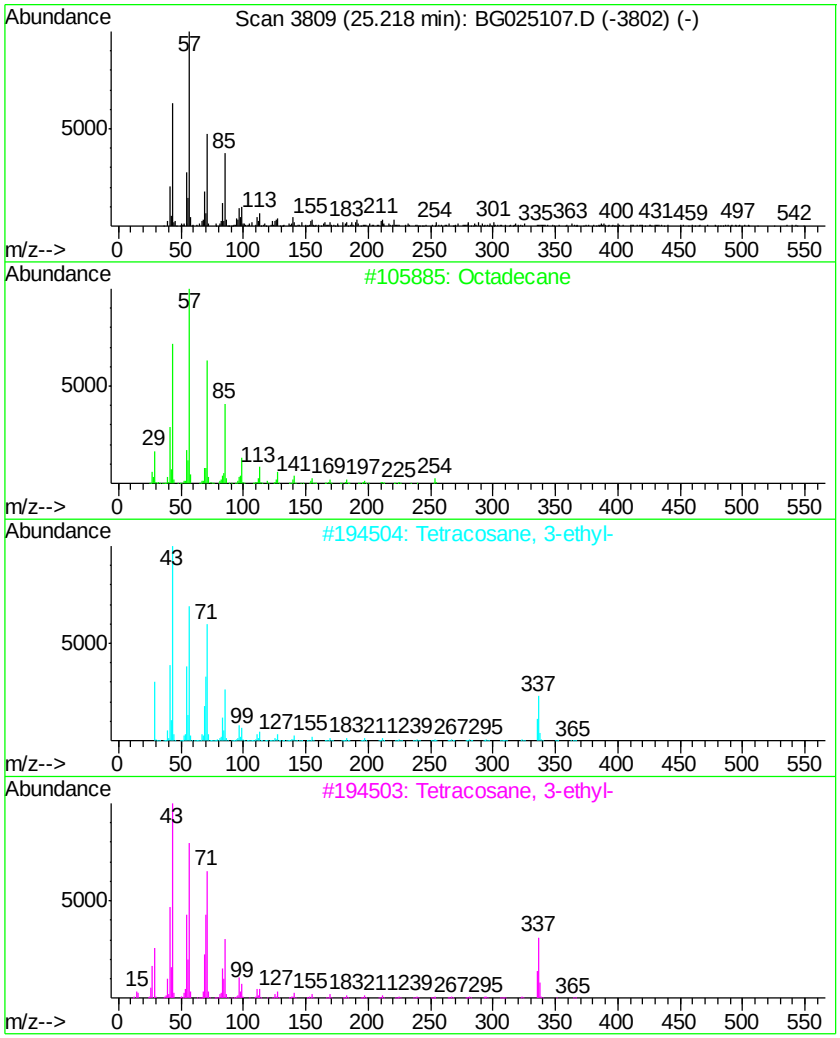
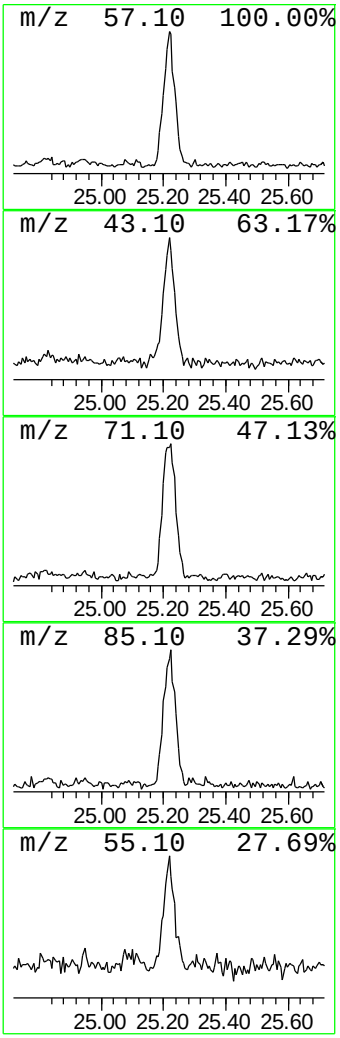
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.22	3.72 ng/ul	628254	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	89
2	Tetracosane, 3-ethyl-	366	C26H54	055282-17-2	89
3	Tetracosane, 3-ethyl-	366	C26H54	055282-17-2	76
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	76
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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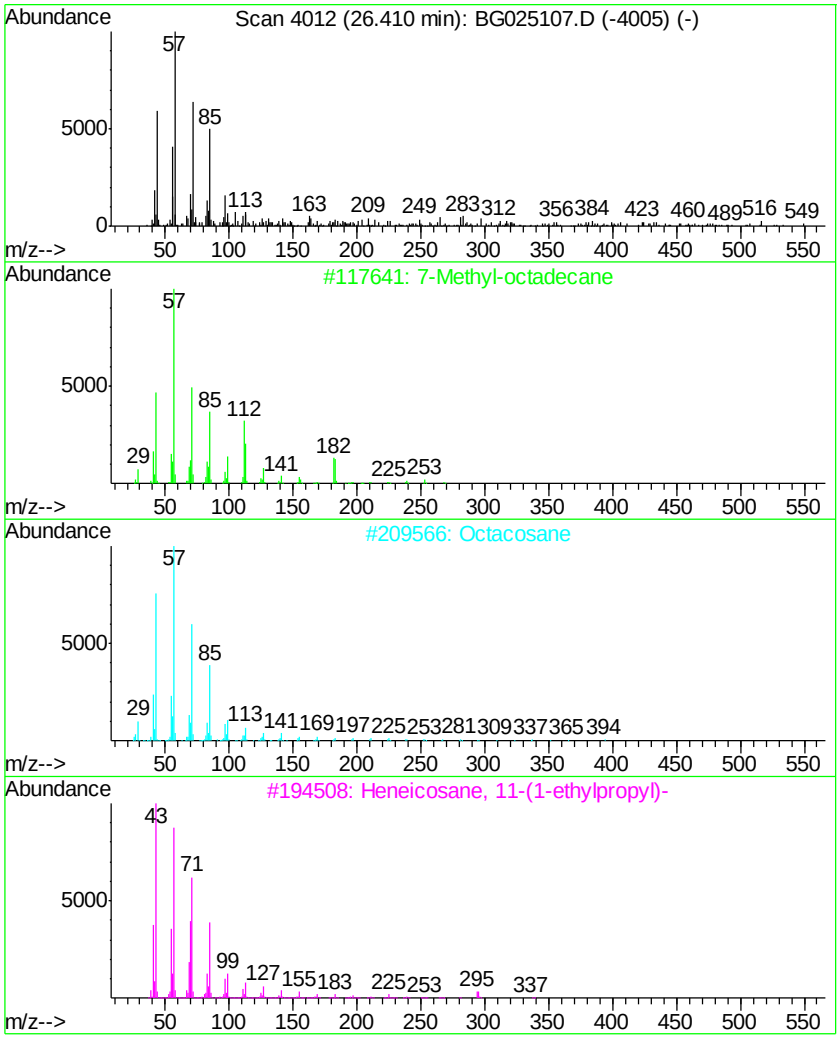
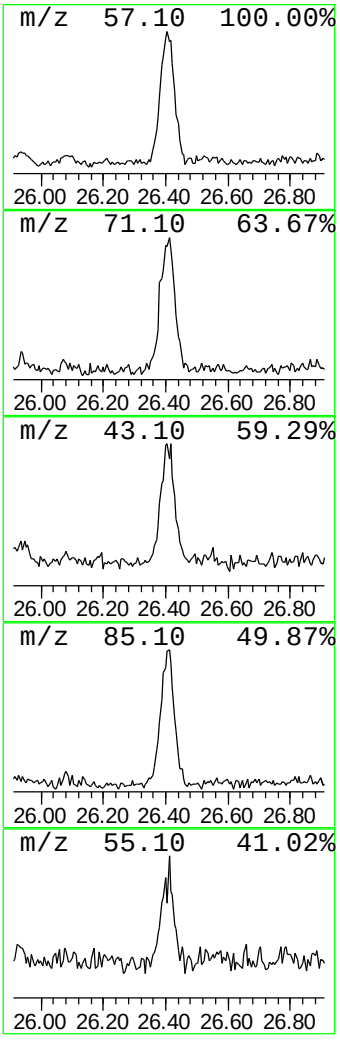
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.41	3.81 ng/ul	644238	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methyl-octadecane	268	C19H40	1000192-63-3	68
2	Octacosane	394	C28H58	000630-02-4	64
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	1-Iodoundecane	282	C11H23I	004282-44-4	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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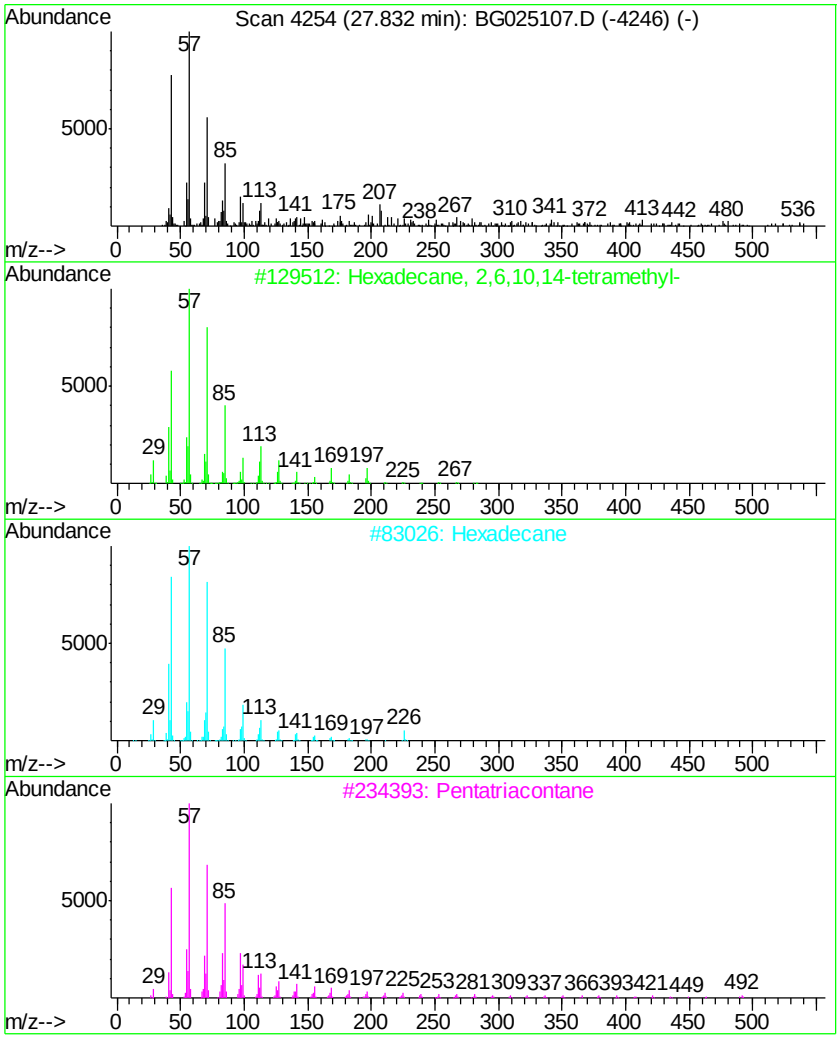
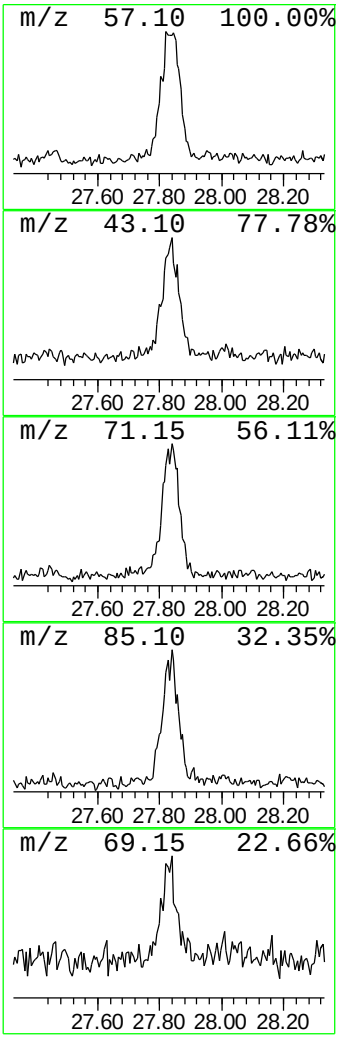
Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.83	4.24 ng/ul	717212	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
2	Hexadecane	226	C16H34	000544-76-3	89
3	Pentatriacontane	493	C35H72	000630-07-9	89
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	76
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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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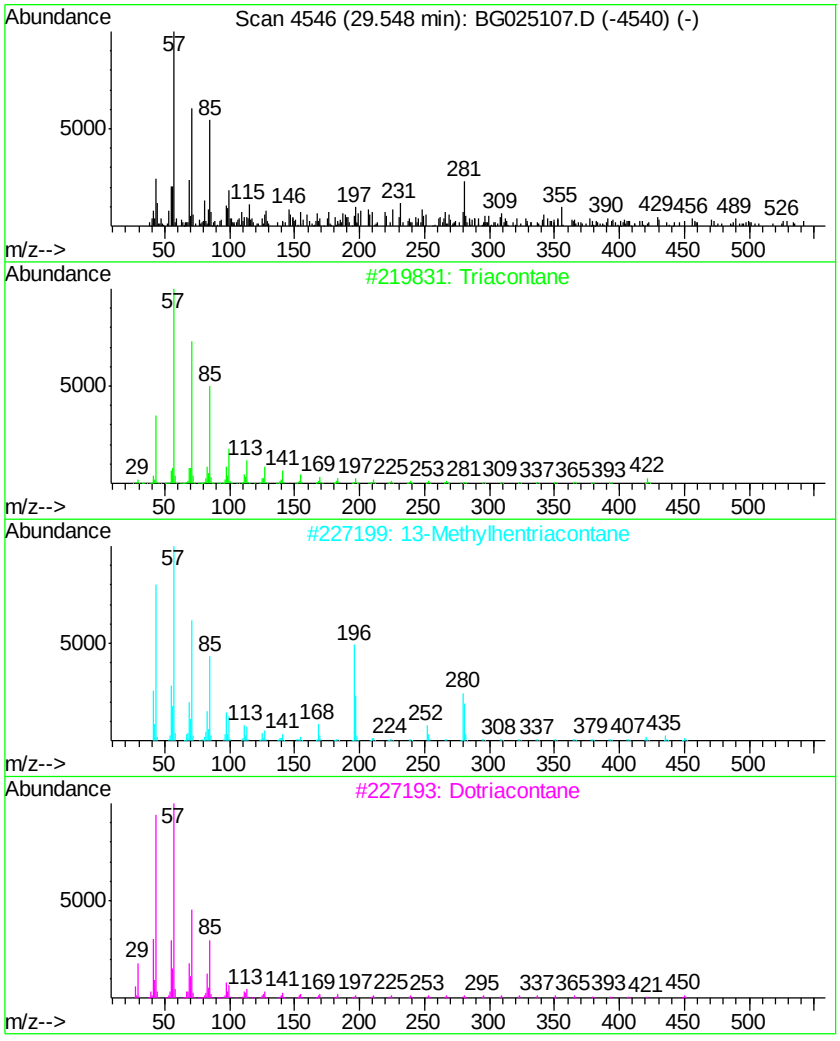
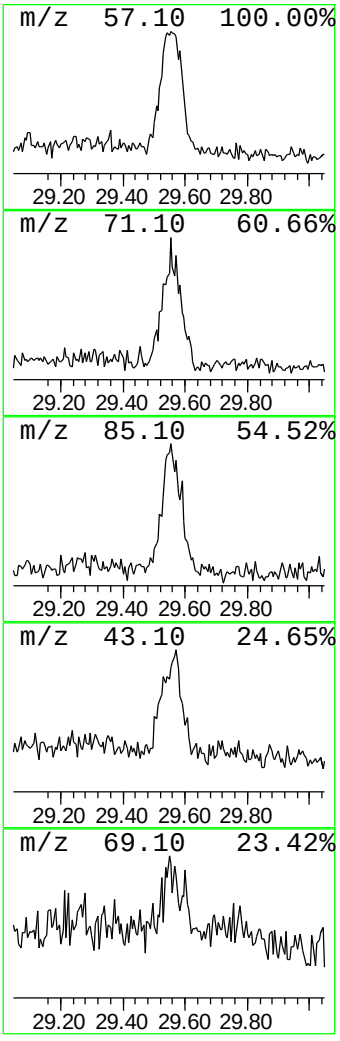
Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.55	2.69 ng/ul	454043	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	64
2	13-Methylhentriacontane	451	C32H66	1000131-19-4	59
3	Dotriacontane	451	C32H66	000544-85-4	50
4	Heneicosane	296	C21H44	000629-94-7	50
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025107.D
Acq On : 11 Dec 2016 17:30
Operator : UM/SJ
Sample : H5863-22DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA802DL

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, 1,3-dime...	5.84	7.7	ng/ul	444656	1	8.24	1153500	20.0
Benzene, 1,2,4-tr...	7.87	7.0	ng/ul	406887	1	8.24	1153500	20.0
Benzofuran, 7-met...	9.71	7.2	ng/ul	508783	2	11.06	1415430	20.0
Benzofuran, 2-met...	9.79	13.8	ng/ul	977938	2	11.06	1415430	20.0
Phenol, 3-ethyl-	10.49	26.3	ng/ul	1861850	2	11.06	1415430	20.0
Phenol, 2,6-dimet...	10.52	5.0	ng/ul	356662	2	11.06	1415430	20.0
Phenol, 2-ethyl-5...	10.87	6.0	ng/ul	426914	2	11.06	1415430	20.0
(DEL) Alkane: Str...	10.99	4.3	ng/ul	306078	2	11.06	1415430	20.0
1H-Indazole, 3,6-...	11.30	16.8	ng/ul	1187140	2	11.06	1415430	20.0
2-Propenal, 2-met...	11.42	14.2	ng/ul	1002890	2	11.06	1415430	20.0
2-(2-Hydroxypheny...	11.53	6.7	ng/ul	473198	2	11.06	1415430	20.0
Phenol, 2,3,6-tri...	11.65	7.3	ng/ul	515674	2	11.06	1415430	20.0
Phenol, 3-propyl-	11.87	33.6	ng/ul	2378230	2	11.06	1415430	20.0
Phenol, 2,3,5-tri...	12.12	9.7	ng/ul	684025	2	11.06	1415430	20.0
1H-Indene, 1,3-di...	12.26	9.7	ng/ul	683585	2	11.06	1415430	20.0
(DEL) Alkane: Str...	12.42	10.6	ng/ul	749303	2	11.06	1415430	20.0
1H-Inden-1-one, 2...	12.59	11.6	ng/ul	823563	2	11.06	1415430	20.0
Phenol, 2-(1-meth...	12.82	5.5	ng/ul	392947	2	11.06	1415430	20.0
Naphthalene, 1-me...	12.92	17.6	ng/ul	1248050	2	11.06	1415430	20.0
2,5,6-Trimethylbe...	13.01	8.0	ng/ul	774796	3	14.86	1932330	20.0
3-Pyridinamine, N...	13.05	4.9	ng/ul	469515	3	14.86	1932330	20.0
Benzene, 1,3,5-tr...	13.10	8.7	ng/ul	835769	3	14.86	1932330	20.0
p-Cresol	13.21	5.0	ng/ul	481512	3	14.86	1932330	20.0
unknown-01	13.27	4.3	ng/ul	414517	3	14.86	1932330	20.0
(DEL) Alkane: Cyc...	13.56	6.6	ng/ul	638472	3	14.86	1932330	20.0
Benzene, 1,4-bis(...	13.58	4.9	ng/ul	473370	3	14.86	1932330	20.0
(DEL) Alkane: Str...	13.64	9.1	ng/ul	875770	3	14.86	1932330	20.0
Naphthalene, 1,2,...	13.83	8.6	ng/ul	828183	3	14.86	1932330	20.0
(DEL) Alkane: Cyc...	14.63	4.2	ng/ul	406972	3	14.86	1932330	20.0
(DEL) Alkane: Str...	14.71	8.4	ng/ul	809247	3	14.86	1932330	20.0
(DEL) Alkane: Cyc...	15.59	5.6	ng/ul	544918	3	14.86	1932330	20.0
(DEL) Alkane: Str...	15.65	9.7	ng/ul	933523	3	14.86	1932330	20.0
(DEL) Alkane: Cyc...	16.45	6.7	ng/ul	932267	4	17.60	2790290	20.0
(DEL) Alkane: Str...	16.51	10.9	ng/ul	1528270	4	17.60	2790290	20.0
(DEL) Alkane: Cyc...	16.73	5.1	ng/ul	713269	4	17.60	2790290	20.0
(DEL) Alkane: Cyc...	16.82	4.5	ng/ul	629106	4	17.60	2790290	20.0
(DEL) Alkane: Cyc...	17.25	3.6	ng/ul	509441	4	17.60	2790290	20.0
(DEL) Alkane: Str...	17.30	9.9	ng/ul	1385640	4	17.60	2790290	20.0
(DEL) Alkane: Cyc...	18.00	2.5	ng/ul	350635	4	17.60	2790290	20.0
(DEL) Alkane: Str...	18.04	8.5	ng/ul	1186380	4	17.60	2790290	20.0
(DEL) Alkane: Cyc...	18.68	3.3	ng/ul	453789	4	17.60	2790290	20.0
(DEL) Alkane: Str...	18.72	6.7	ng/ul	932979	4	17.60	2790290	20.0
(DEL) Alkane: Str...	19.34	4.5	ng/ul	632983	4	17.60	2790290	20.0
(DEL) Alkane: Str...	20.94	4.3	ng/ul	707025	5	21.89	3265320	20.0
(DEL) Alkane: Str...	21.46	4.6	ng/ul	755626	5	21.89	3265320	20.0
(DEL) Alkane: Str...	22.03	3.3	ng/ul	534223	5	21.89	3265320	20.0
(DEL) Alkane: Str...	22.66	2.7	ng/ul	437168	5	21.89	3265320	20.0
(DEL) Alkane: Str...	23.38	3.2	ng/ul	528258	5	21.89	3265320	20.0
(DEL) Alkane: Str...	24.22	3.4	ng/ul	580399	6	25.31	3380620	20.0

(DEL) Alkane: Str...	25.22	3.7	ng/ul	628254	6	25.31	3380620	20.0
(DEL) Alkane: Str...	26.41	3.8	ng/ul	644238	6	25.31	3380620	20.0
(DEL) Alkane: Str...	27.83	4.2	ng/ul	717212	6	25.31	3380620	20.0
(DEL) Alkane: Str...	29.55	2.7	ng/ul	454043	6	25.31	3380620	20.0

Instrument :
BNA_G
ClientSampleId :
DA802DL