LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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	5.851	505	513	525	rBV	2564199	6656462	7.74%	0.419%
2	7.879	853	858	868	rVV	2858584	5312423	6.17%	0.335%
3	8.871	1019	1027	1034	rBV2	1848690	4164886	4.84%	0.262%
4	9.042	1047	1056	1074	rBV4	1430277	5219662	6.07%	0.329%
5	9.347	1097	1108	1117	rVB5	1962255	5400052	6.28%	0.340%
6	9.447	1117	1125	1131	rVB3	3273232	6333341	7.36%	0.399%
7	9.682	1159	1165	1169	rBV2	2807558	5378432	6.25%	0.339%
8	9.729	1169	1173	1180	rVB2	2306393	4766001	5.54%	0.300%
9	9.800	1180	1185	1194	rVB	4574293	8521760	9.90%	0.537%
10	10.258	1254	1263	1267	rBV6	1735173	4711791	5.48%	0.297%
11	10.887	1364	1370	1382	rBV5	2104976	6762057	7.86%	0.426%
12	11.004	1383	1390	1399	rVV	5017670	10019580	11.65%	0.631%
13	11.128	1406	1411	1417	rVB	2385108	4423955	5.14%	0.279%
14	11.275	1431	1436	1438	rVV6	1799835	4086228	4.75%	0.257%
15	11.316	1438	1443	1457	rVV3	4458470	13827657	16.07%	0.871%
16	11.445	1457	1465	1468	rVV	5147183	10640588	12.37%	0.670%
17	11.492	1468	1473	1479	rVV	9438440	18201174	21.15%	1.147%
18	11.662	1497	1502	1510	rVV4	1903959	5257344	6.11%	0.331%
19	12.109	1570	1578	1583	rBV4	3168172	8194898	9.52%	0.516%
20	12.338	1607	1617	1620	rBV3	1945335	4293548	4.99%	0.271%
21	12.444	1629	1635	1641	rBV2	8807807	14806655	17.21%	0.933%
22	12.602	1655	1662	1664	rBV2	2433009	4586091	5.33%	0.289%
23	12.726	1672	1683	1686	rBV2	4869149	9036712	10.50%	0.569%
24	12.767	1686	1690	1694	rBV	5129028	7881427	9.16%	0.497%
25	12.855	1700	1705	1708	rBV2	2574329	5384680	6.26%	0.339%
26	12.890	1708	1711	1715	rVV	4604218	6567708	7.63%	0.414%
27	12.943	1715	1720	1727	rVB	4710301	9292270	10.80%	0.585%
28	13.031	1728	1735	1741	rBV4	3320813	7449448	8.66%	0.469%
29	13.114	1742	1749	1762	rVB10	4219077	12102147	14.07%	0.762%
30	13.231	1762	1769	1773	rBV5	2235937	4116466	4.78%	0.259%
31	13.296	1773	1780	1788	rBV4	3373627	8818038	10.25%	0.556%
32	13.372	1788	1793	1796	rBV3	3292865	5557753	6.46%	0.350%
33	13.413	1796	1800	1806	rVB2	3710008	6720899	7.81%	0.423%
34	13.478	1806	1811	1817	rBV5	2183210	4702134	5.46%	0.296%

LSC Area Percent Report

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Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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	13.578	1820	1828	1836	rBV3	3919738	12024008	13.97%	0.758%
36	13.672	1836	1844	1848	rVV3	14930720	27605051	32.08%	1.739%
37	13.836	1865	1872	1881	rBV5	2646411	8786245	10.21%	0.554%
38	13.936	1881	1889	1893	rBV4	2414920	5993540	6.97%	0.378%
39	14.036	1901	1906	1908	rBV3	2810452	5397039	6.27%	0.340%
40	14.065	1909	1911	1922	rVB8	3702474	6302616	7.33%	0.397%
41	14.206	1922	1935	1939	rBV6	6418886	17547244	20.39%	1.106%
42	14.259	1939	1944	1948	rBV3	7006938	10313593	11.99%	0.650%
43	14.318	1949	1954	1961	rVB6	4980415	9309795	10.82%	0.587%
44	14.436	1966	1974	1978	rVB5	2058570	4438489	5.16%	0.280%
45	14.559	1992	1995	1999	rBV	4123492	6540690	7.60%	0.412%
46	14.600	1999	2002	2006	rVV3	3691923	6134083	7.13%	0.386%
47	14.665	2006	2013	2021	rVV3	5256662	15770780	18.33%	0.994%
48	14.747	2021	2027	2031	rVV	25418961	41854351	48.64%	2.637%
49	14.776	2031	2032	2039	rVB4	3941576	5836570	6.78%	0.368%
50	14.847	2039	2044	2049	rBV	13971170	23431111	27.23%	1.476%
51	14.929	2050	2058	2063	rVV4	11402477	19609859	22.79%	1.235%
52	15.176	2094	2100	2108	rVV2	7054718	13030618	15.14%	0.821%
53	15.270	2109	2116	2123	rBV5	2770553	8495828	9.87%	0.535%
54	15.352	2128	2130	2146	rVB7	3147592	8906463	10.35%	0.561%
55	15.487	2148	2153	2158	rBV3	4158958	7840347	9.11%	0.494%
56	15.546	2158	2163	2171	rVV4	7460074	22832484	26.54%	1.438%
57	15.617	2171	2175	2181	rVV2	9162410	24260159	28.20%	1.528%
58	15.693	2181	2188	2196	rVB	30756224	61823587	71.85%	3.895%
59	15.828	2207	2211	2215	rVB4	4216781	6023547	7.00%	0.379%
60	15.916	2221	2226	2236	rVB6	6014867	14134512	16.43%	0.891%
61	16.075	2246	2253	2257	rBV3	4332974	7482824	8.70%	0.471%
62	16.292	2286	2290	2298	rVB3	3843811	6880468	8.00%	0.433%
63	16.374	2298	2304	2307	rBV4	2553031	4919259	5.72%	0.310%
64	16.416	2307	2311	2315	rVV2	5286945	9394180	10.92%	0.592%
65	16.486	2315	2323	2327	rVV3	11805231	27472343	31.93%	1.731%
66	16.557	2327	2335	2344	rVV2	32618437	86041138	100.00%	5.421%
67	16.627	2344	2347	2352	rVB2	3093808	4679847	5.44%	0.295%
68	16.686	2352	2357	2361	rBV2	3003973	5918832	6.88%	0.373%
69	16.762	2362	2370	2378	rVV3	22797614	37025403	43.03%	2.333%
70	16.844	2378	2384	2391	rVV	16895161	23440918	27.24%	1.477%
71	16.915	2391	2396	2402	rVB5	2114365	4332067	5.03%	0.273%

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Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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	17.150	2432	2436	2441	rBV2	2786111	4431503	5.15%	0.279%
73	17.279	2450	2458	2462	rVV4	9824656	22257400	25.87%	1.402%
74	17.338	2462	2468	2477	rVB2	30161008	62733950	72.91%	3.952%
75	17.467	2485	2490	2495	rVB2	3186153	5003405	5.82%	0.315%
76	17.790	2542	2545	2553	rBV6	2157491	5011048	5.82%	0.316%
77	17.961	2566	2574	2577	rBV7	1560057	4275615	4.97%	0.269%
78	18.020	2578	2584	2587	rVV	8029311	14878238	17.29%	0.937%
79	18.072	2587	2593	2605	rVB2	31593659	60676773	70.52%	3.823%
80	18.707	2685	2701	2704	rVV2	10133217	26471439	30.77%	1.668%
81	18.760	2704	2710	2726	rVV3	28809157	56569831	65.75%	3.564%
82	19.336	2801	2808	2810	rBV	6370361	10352347	12.03%	0.652%
83	19.377	2810	2815	2821	rVB	28703153	45590900	52.99%	2.872%
84	19.911	2889	2906	2908	rBV	14983226	32109899	37.32%	2.023%
85	19.947	2908	2912	2918	rVV	28478971	42419358	49.30%	2.673%
86	20.052	2925	2930	2940	rVB4	2702181	5831866	6.78%	0.367%
87	20.470	2982	3001	3008	rVB2	29082181	69450605	80.72%	4.376%
88	20.581	3015	3020	3027	rVB7	3987043	7346985	8.54%	0.463%
89	20.969	3074	3086	3096	rVB2	21859444	68509222	79.62%	4.316%
90	21.486	3164	3174	3184	rVB	15688471	32275154	37.51%	2.033%
91	22.038	3261	3268	3283	rVB2	6270891	21808559	25.35%	1.374%
92	22.726	3382	3385	3393	rVB3	2656664	4898848	5.69%	0.309%
93	22.908	3410	3416	3441	rVB4	4167110	12564555	14.60%	0.792%
94	23.390	3491	3498	3511	rVB3	3523820	9187356	10.68%	0.579%
95	25.998	3932	3942	3953	rVB	5713335	18566827	21.58%	1.170%
96	26.445	4009	4018	4029	rBV5	3627333	12367158	14.37%	0.779%
97	26.662	4043	4055	4067	rVB7	6497369	23062558	26.80%	1.453%
98	26.892	4087	4094	4106	rVB3	1744996	5724620	6.65%	0.361%
99	27.285	4141	4161	4179	rVB3	5463114	31609587	36.74%	1.991%
100	29.013	4447	4455	4481	rVB4	2024953	10242645	11.90%	0.645%

Sum of corrected areas: 1587252406

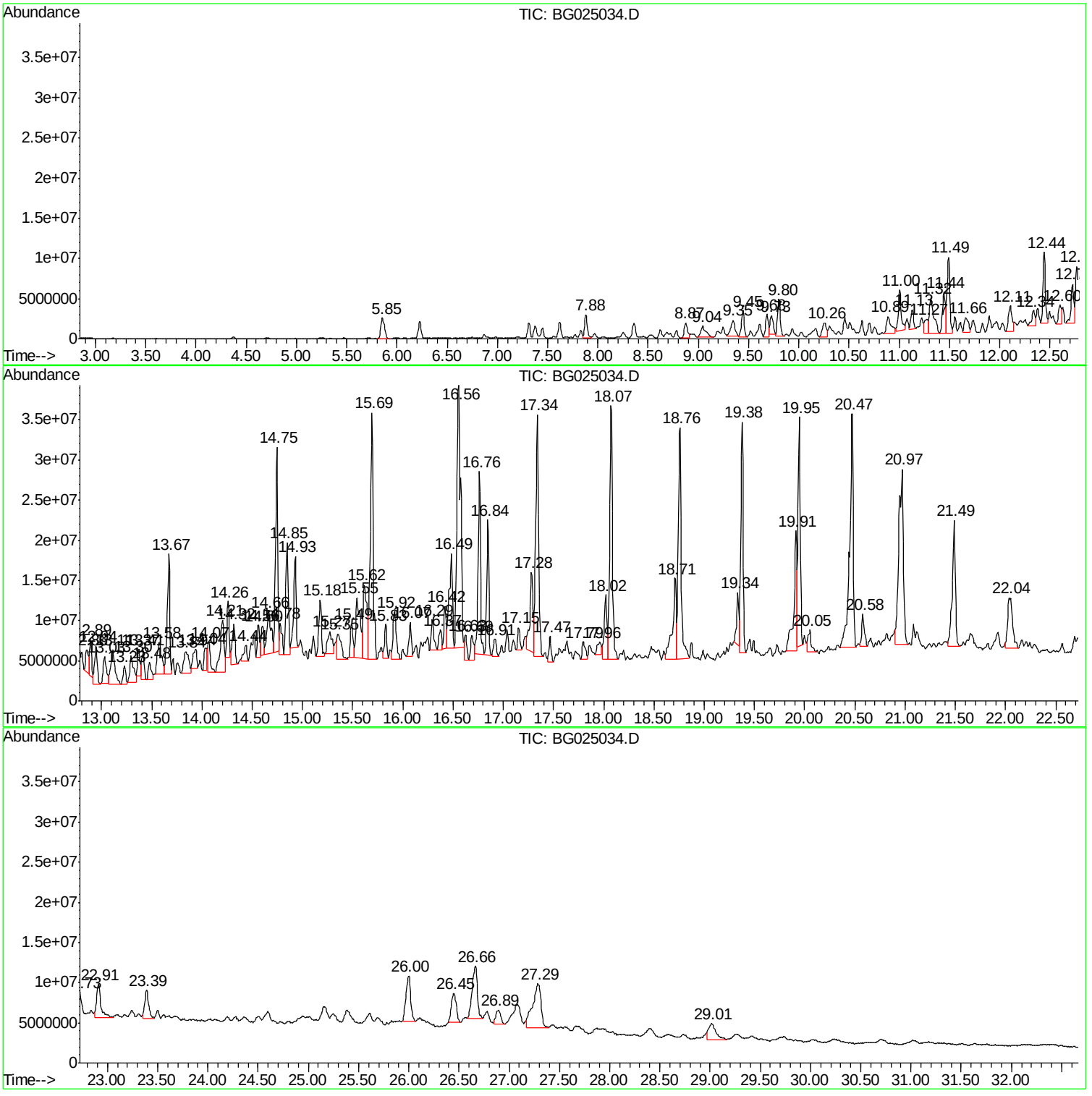
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

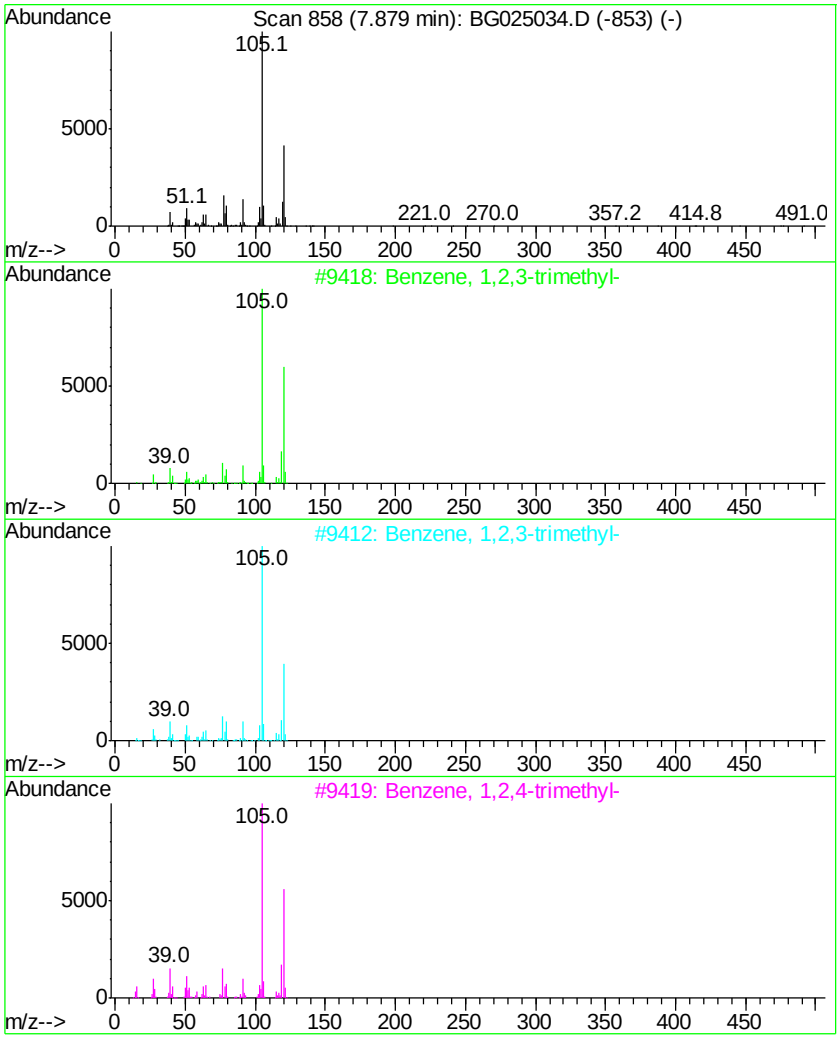
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

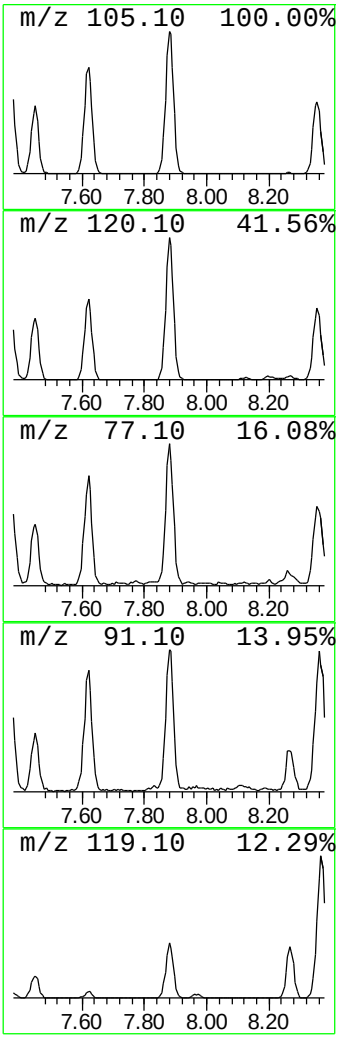
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	20.00 ng/ul	5312420	1,4-Dichlorobenzene-d4	8.25

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

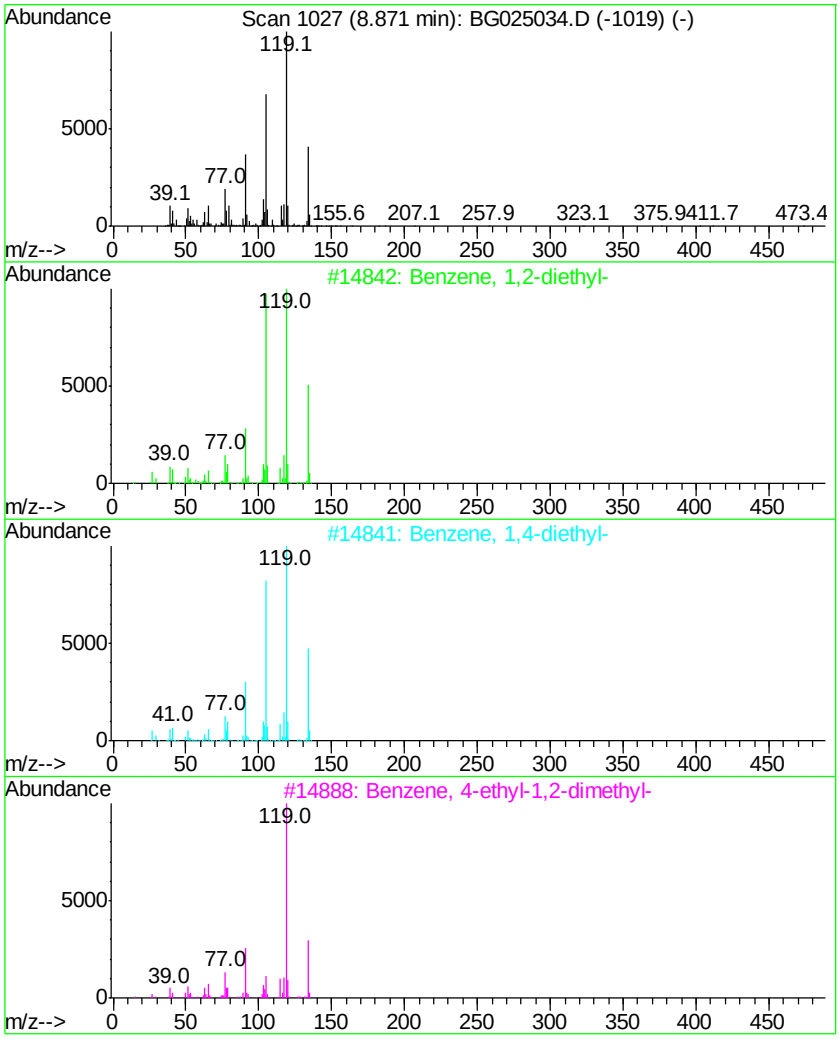
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

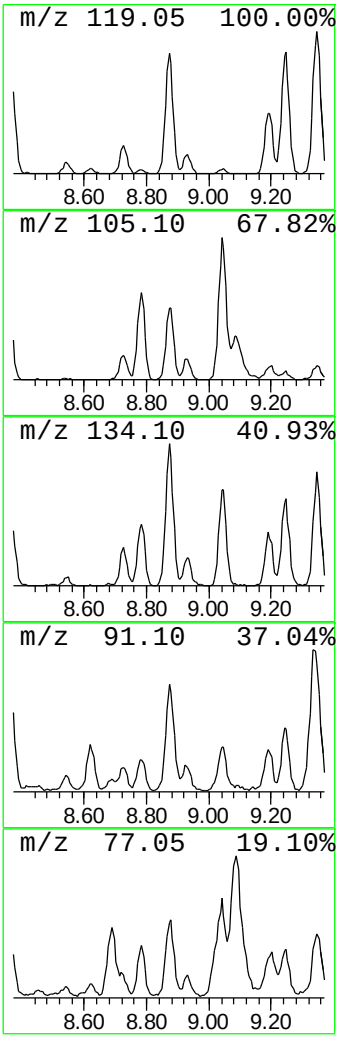
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	15.68 ng/ul	4164890	1,4-Dichlorobenzene-d4	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

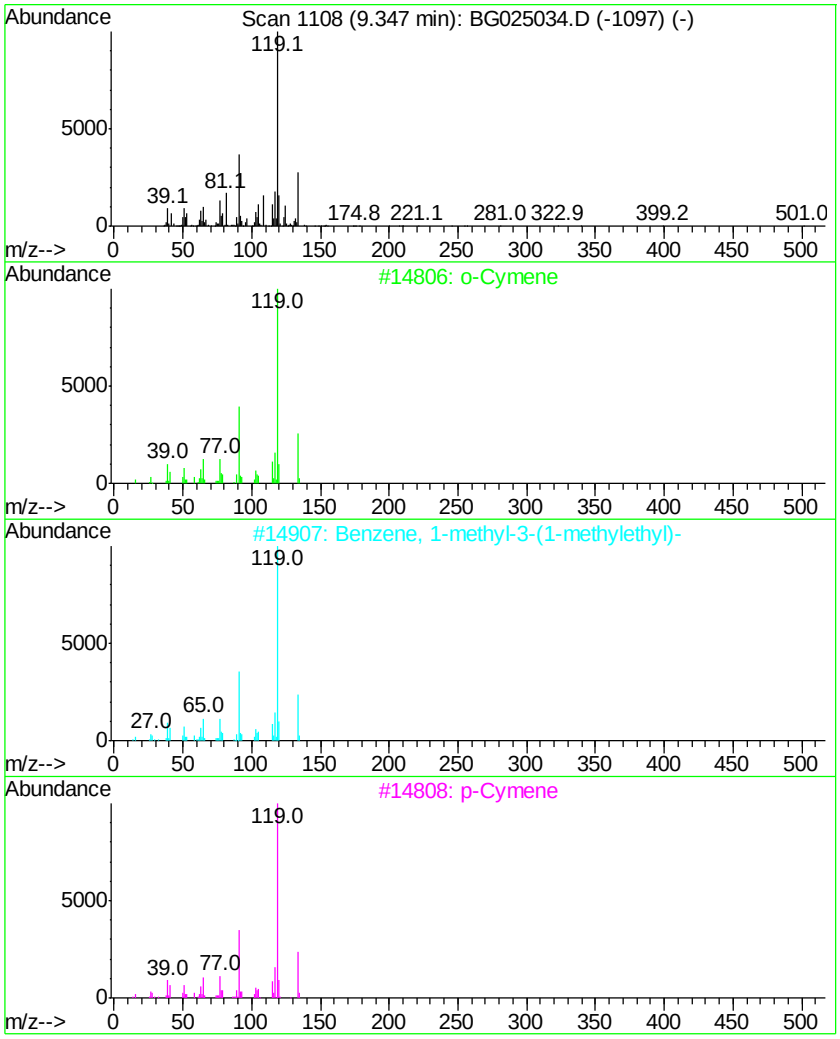
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

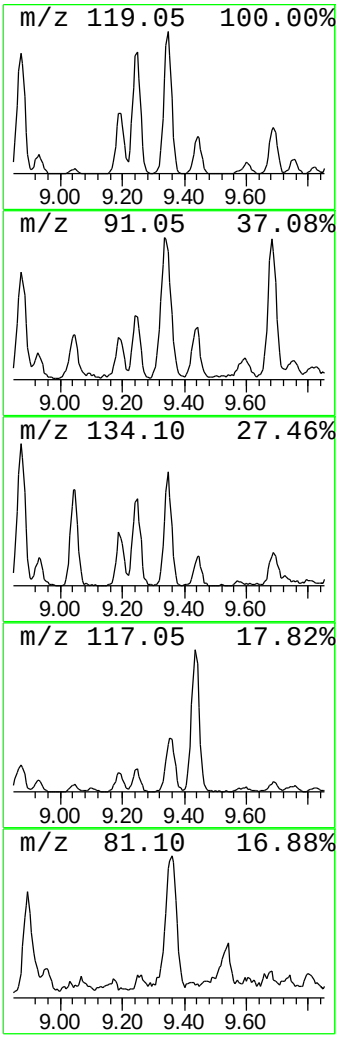
****

Peak Number 4 o-Cymene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	20.33 ng/ul	5400050	1,4-Dichlorobenzene-d4	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

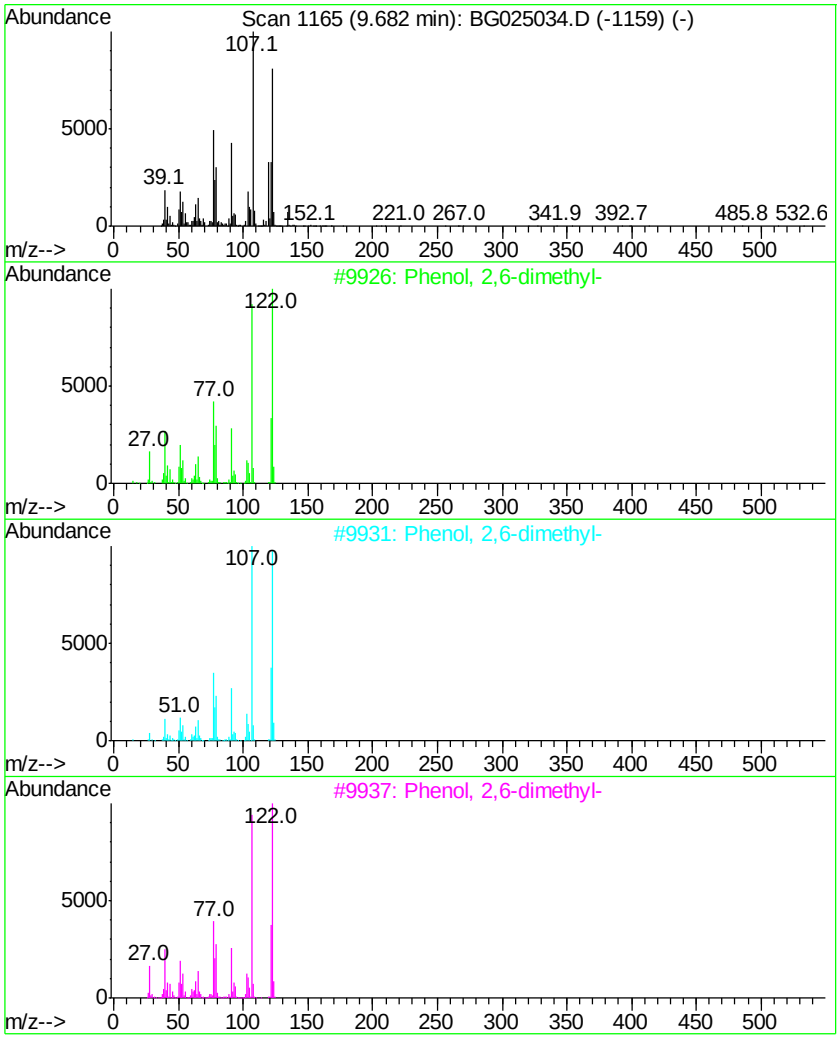
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

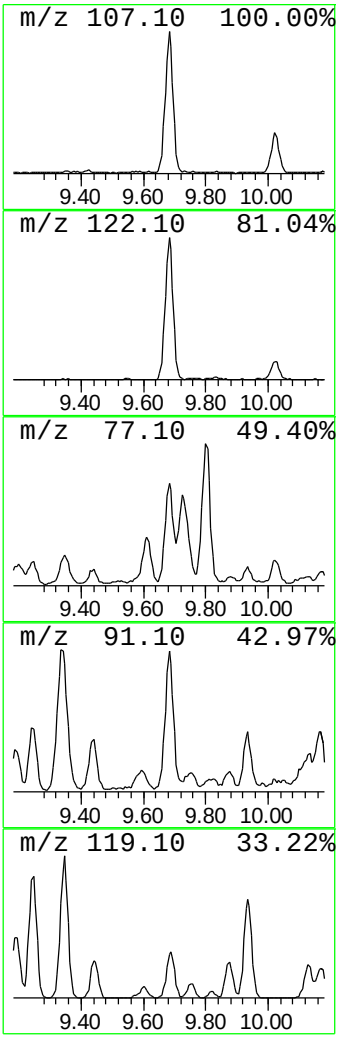
****

Peak Number 5 Phenol, 2,6-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	24.32 ng/ul	5378430	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

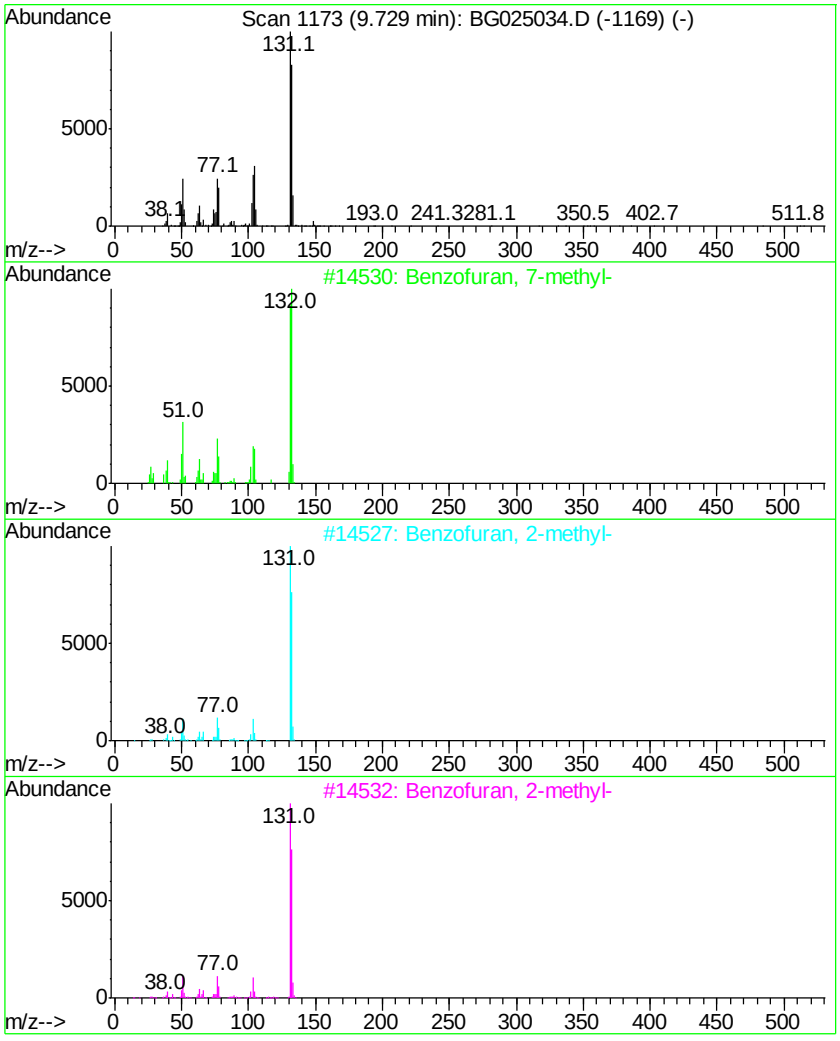
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

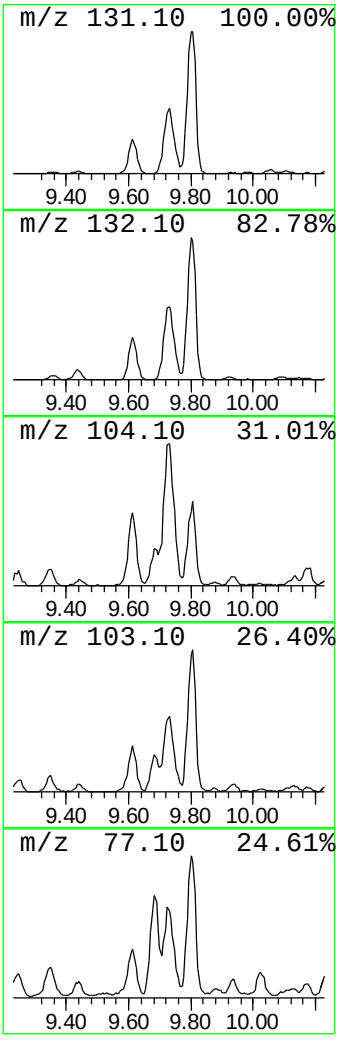
****

Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	21.55 ng/ul	4766000	Naphthalene-d8	11.08

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	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

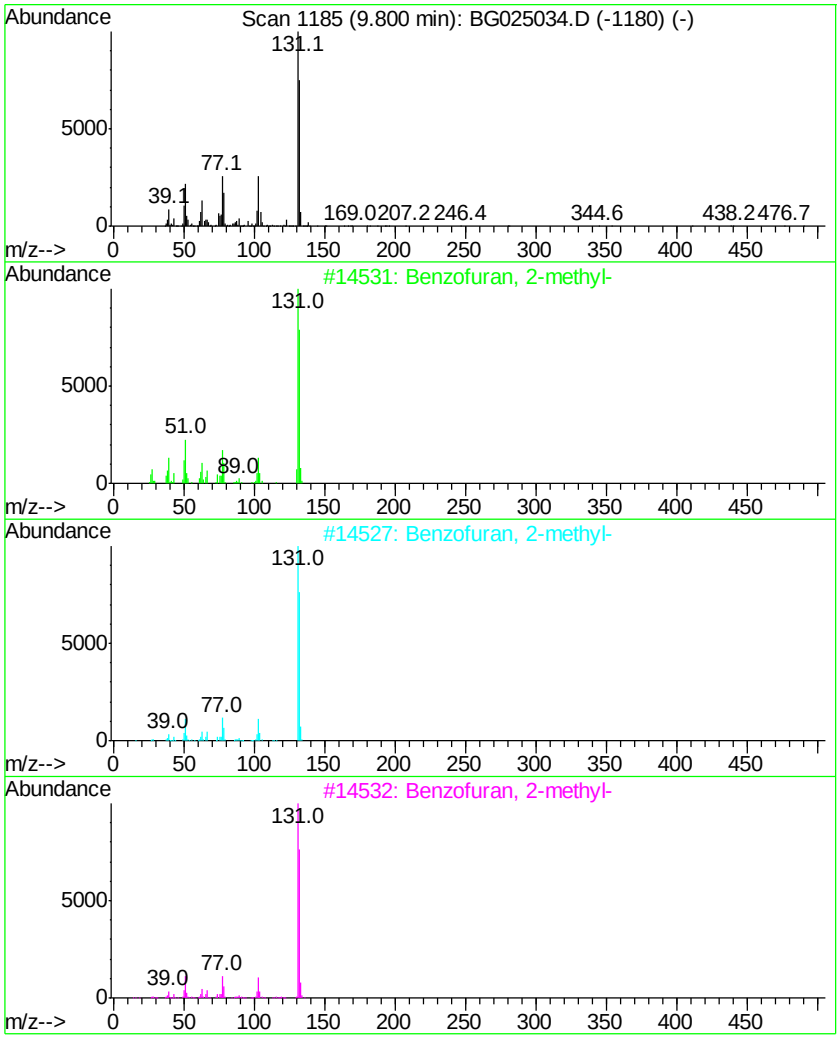
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

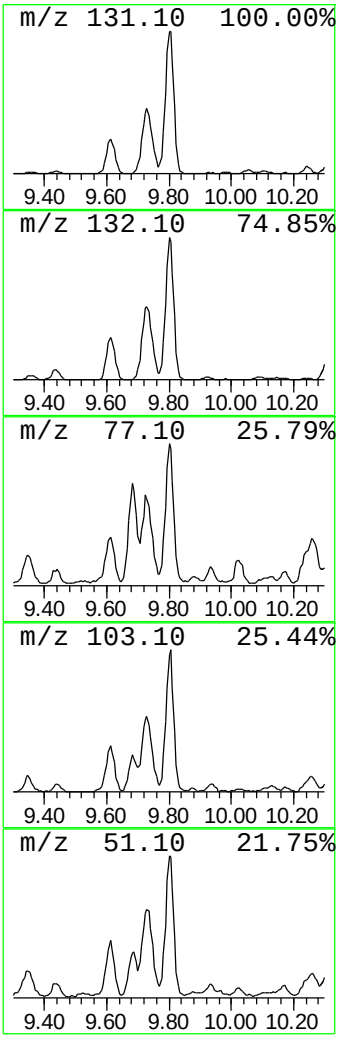
****

Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	38.53 ng/ul	8521760	Naphthalene-d8	11.08

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	91
5	1H-Indenol	132	C9H8O	056631-57-3	90





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Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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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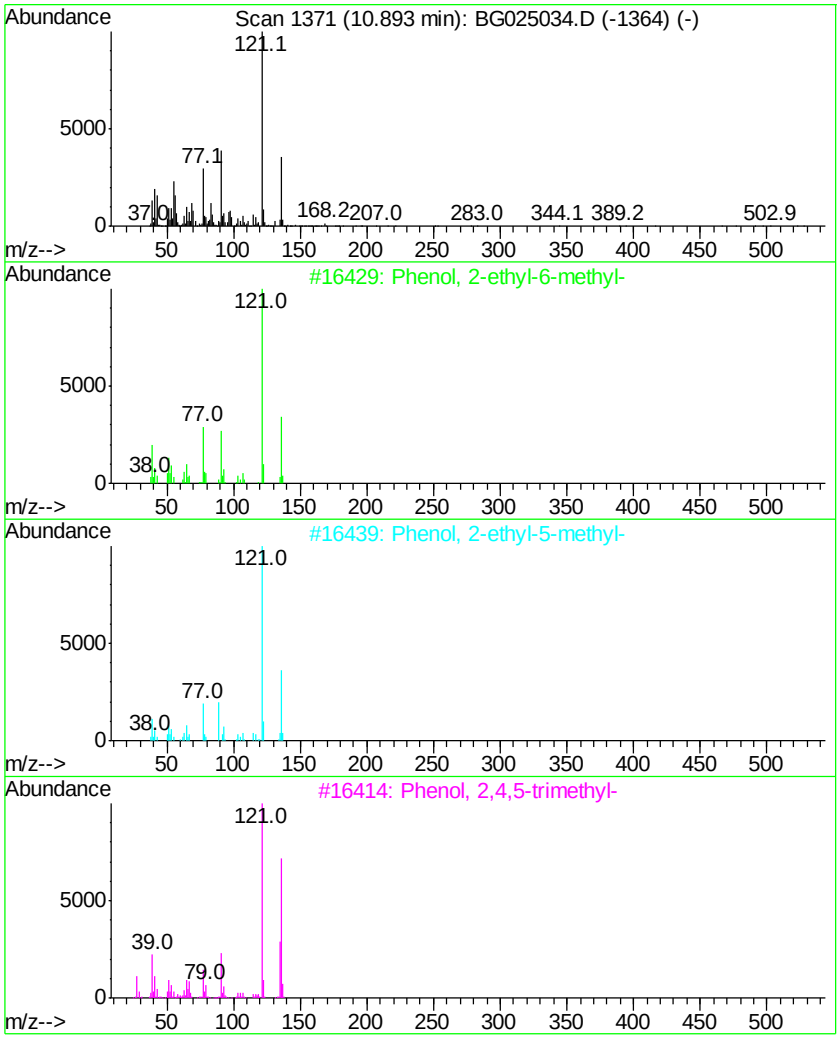
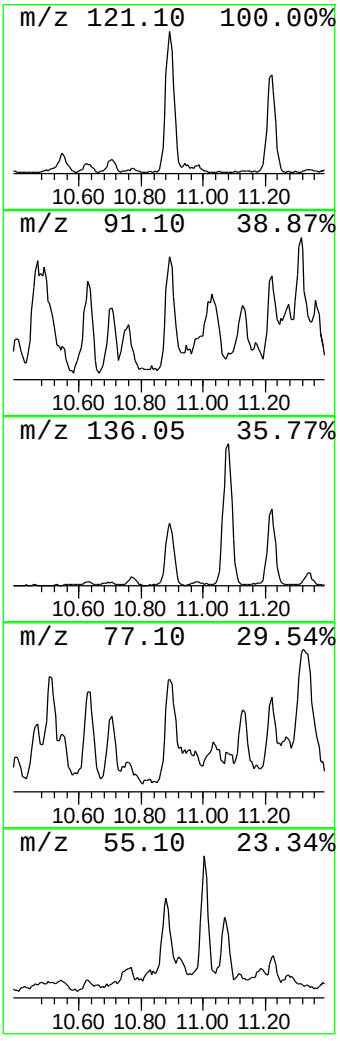
Peak Number 8 Phenol, 2-ethyl-6-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	30.57 ng/ul	6762060	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	95
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	76
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	74
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	72
5	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	68





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Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

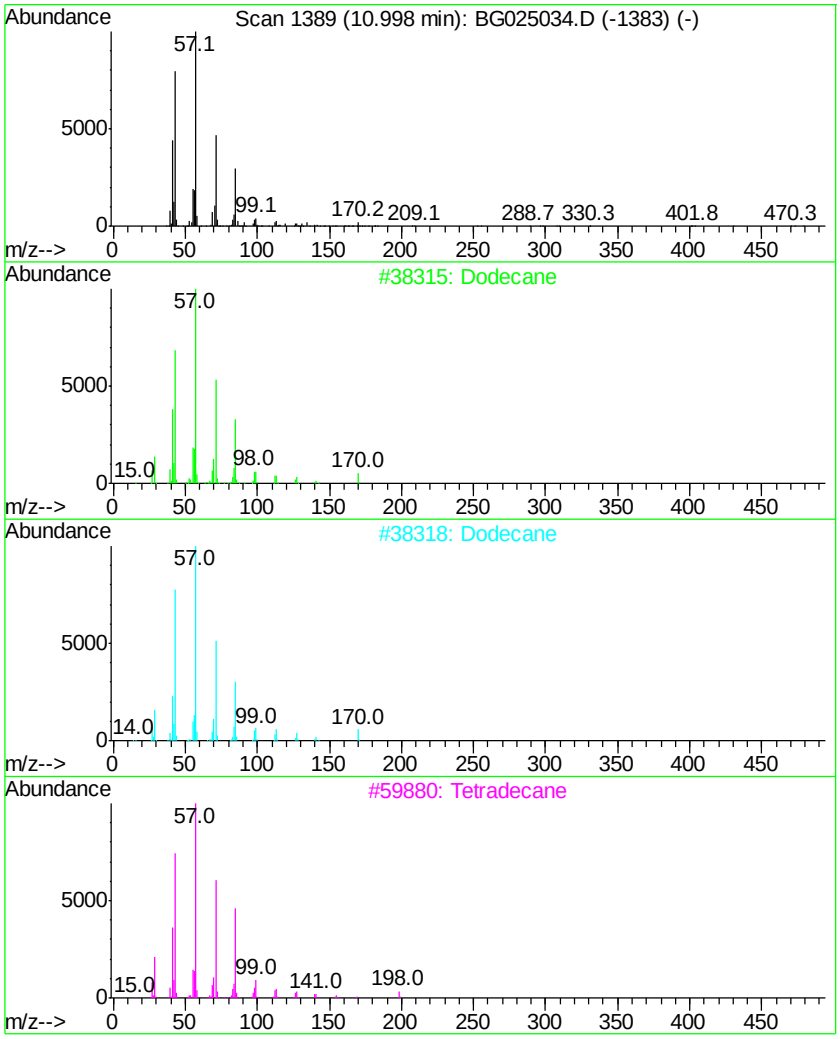
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

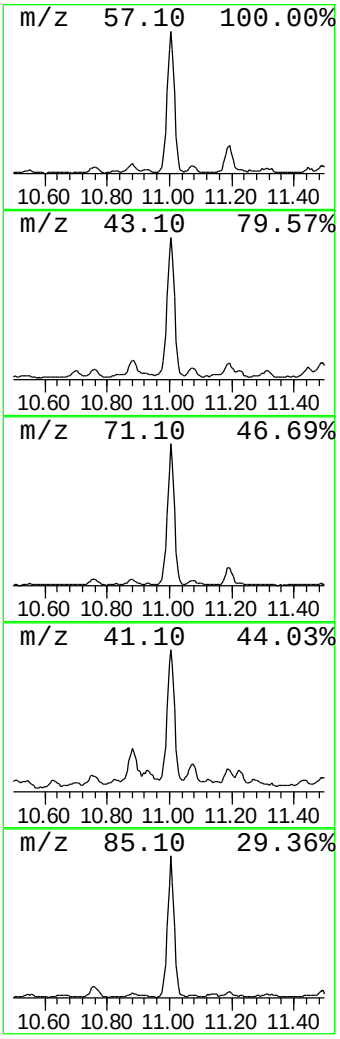
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	45.30 ng/ul	10019600	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	94
2	Dodecane	170	C12H26	000112-40-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Pentadecane	212	C15H32	000629-62-9	83





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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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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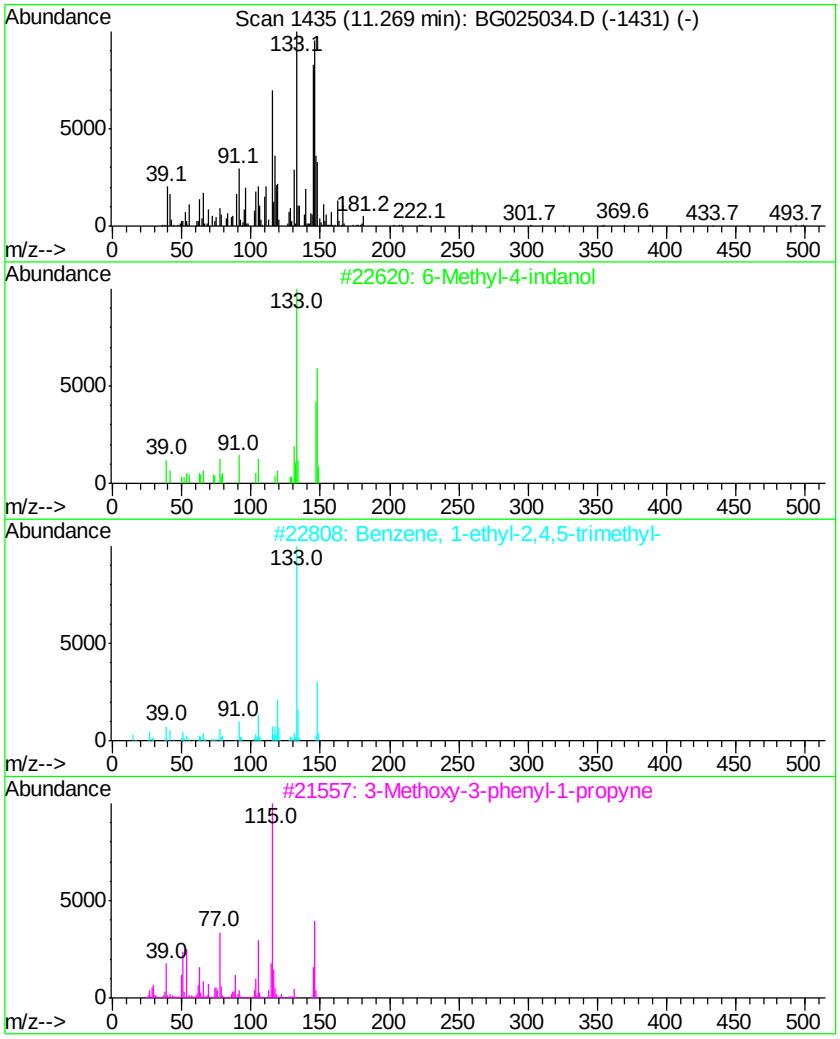
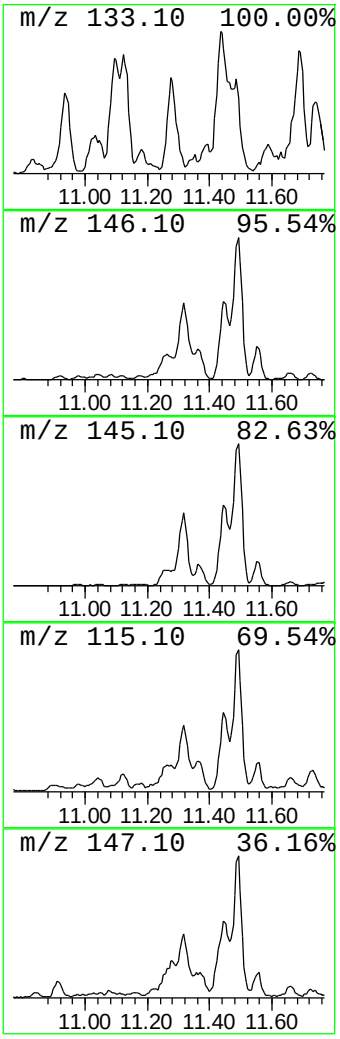
Peak Number 10 unknown-01 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	18.47 ng/ul	4086230	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4-indanol	148	C10H12O	020294-32-0	27
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	27
3	3-Methoxy-3-phenyl-1-propyne	146	C10H10O	1000217-10-1	25
4	1H-Indol-4-ol, 3-methyl-	147	C9H9NO	001125-31-1	25
5	Pyridine, 4-methyl-2-(2-methyl-1...	147	C10H13N	104188-16-1	22





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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

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

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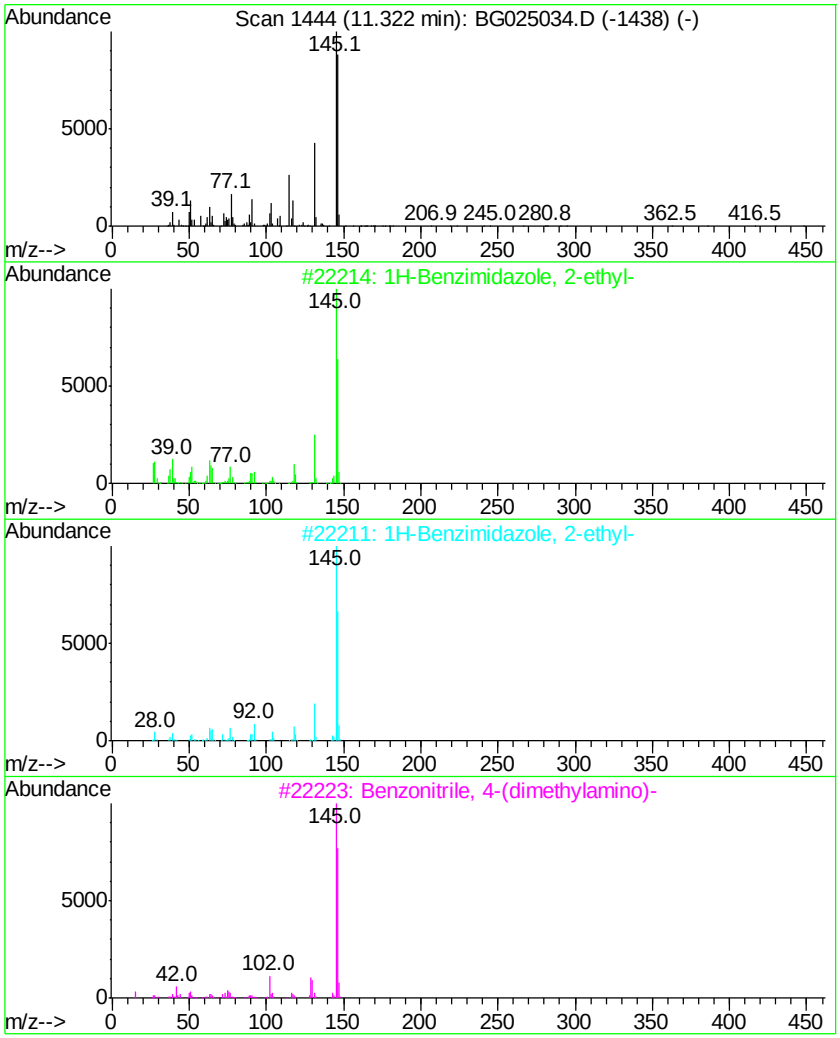
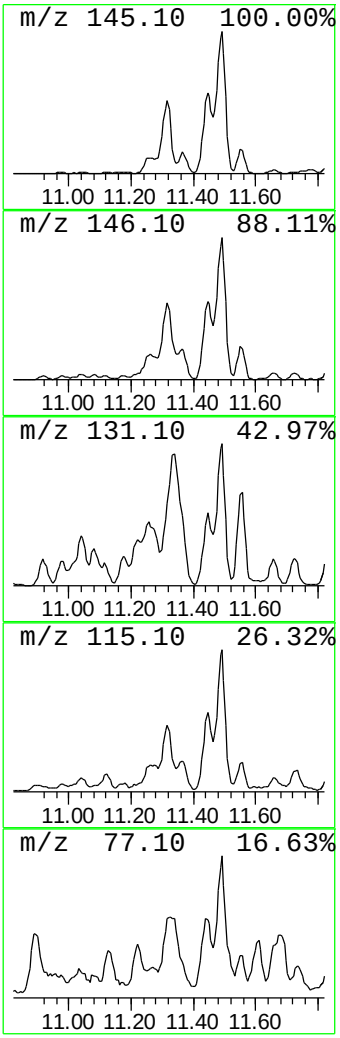
Peak Number 11 1H-Benzimidazole, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	62.51 ng/ul	13827700	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	52
5	2H-Isoindole, 5,6-dimethyl-	145	C10H11N	070187-63-2	46





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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

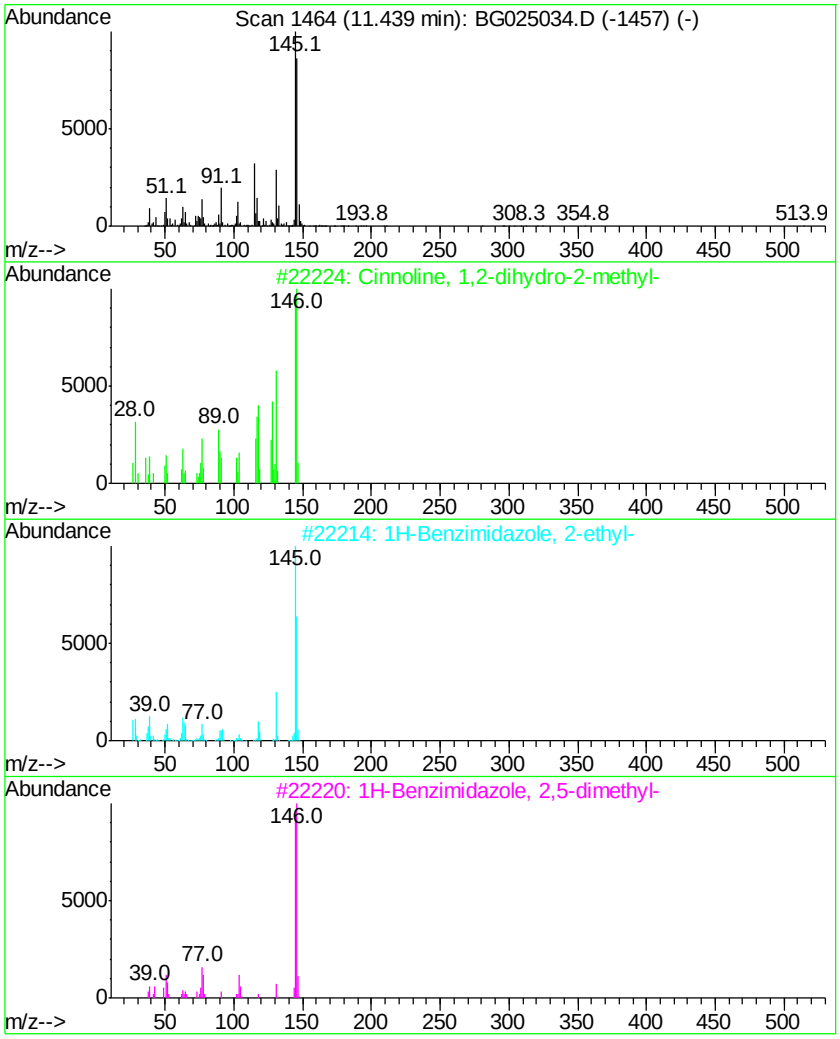
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

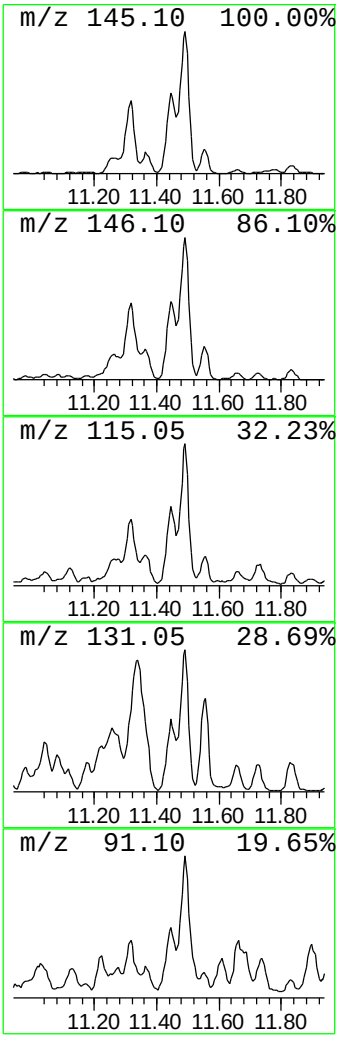
****

Peak Number 12 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	48.10 ng/ul	10640600	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	74
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	64
4	1,5-Dihydroxy-1,2,3,4-tetrahydro...	164	C10H12O2	040771-26-4	59
5	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	53





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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

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

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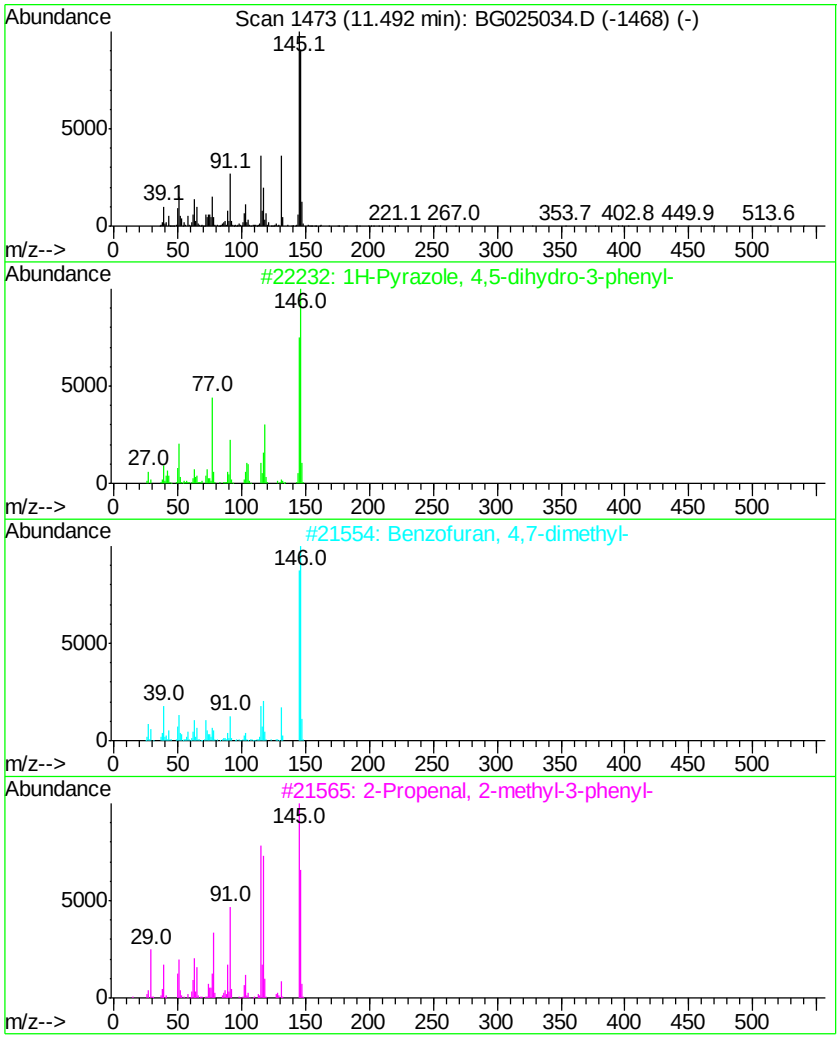
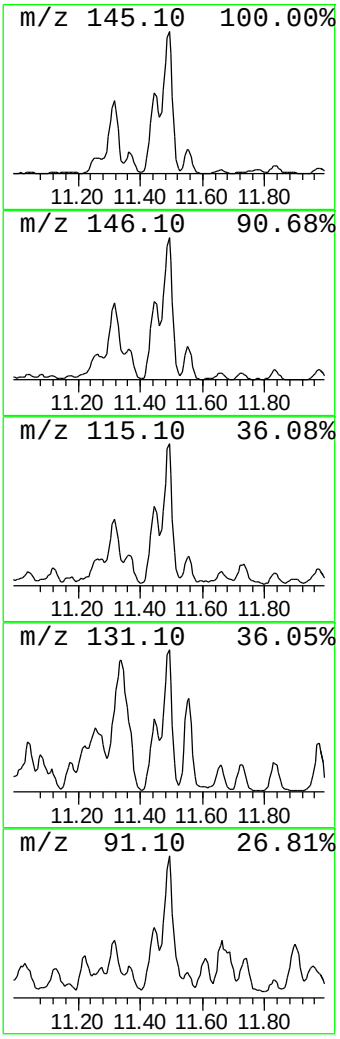
Peak Number 13 1H-Pyrazole, 4,5-dihydro-3-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	82.28 ng/ul	18201200	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	83
2	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	81
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	68
4	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
5	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	62





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Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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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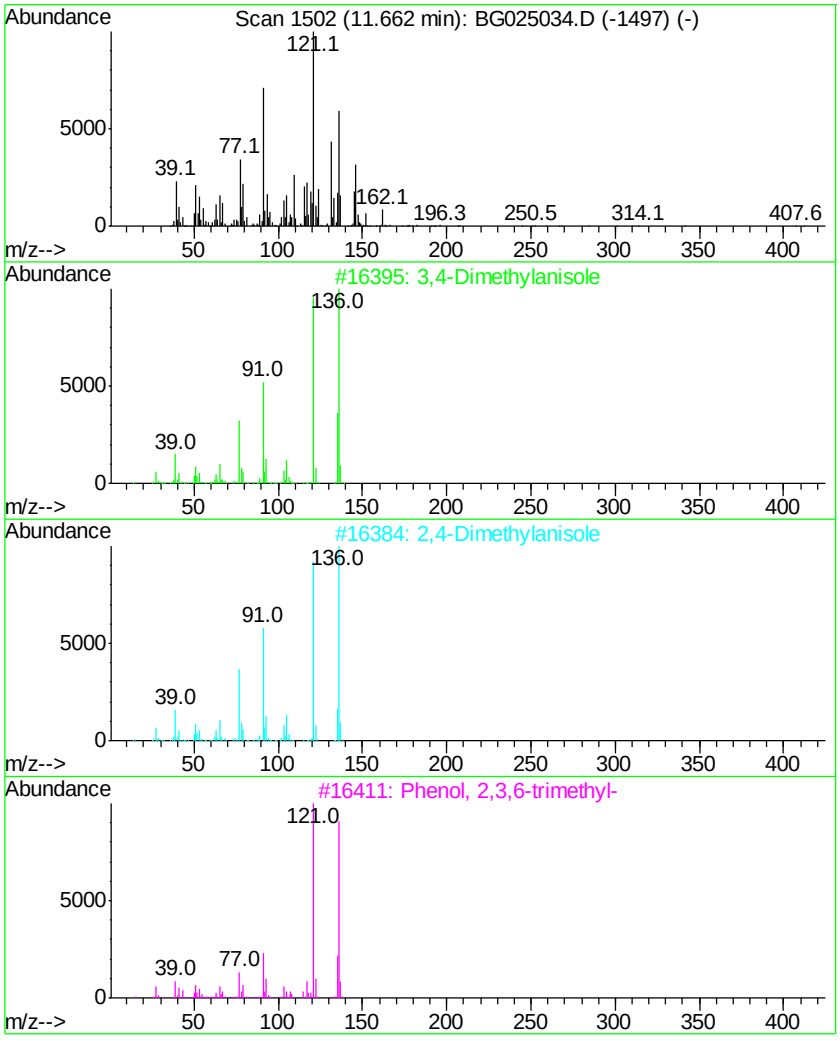
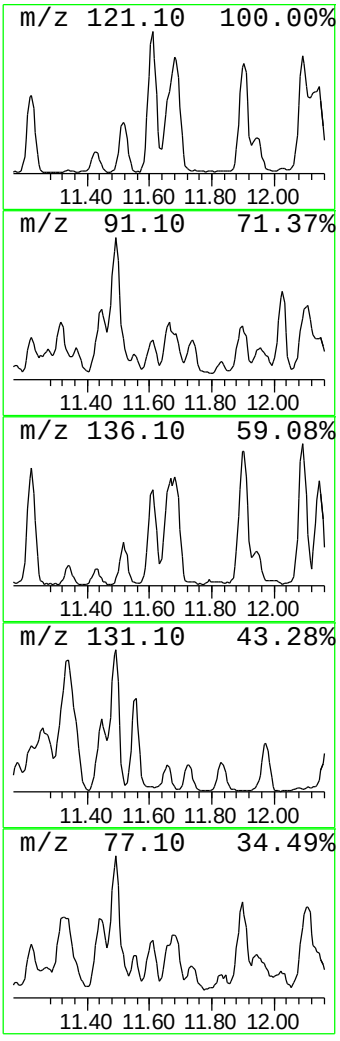
Peak Number 14 3,4-Dimethylanisole Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	23.77 ng/ul	5257340	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylanisole	136	C9H12O	004685-47-6	50
2	2,4-Dimethylanisole	136	C9H12O	006738-23-4	50
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	50
4	2,3-Dimethylanisole	136	C9H12O	002944-49-2	50
5	2-Ethylphenol, methyl ether	136	C9H12O	1000333-44-2	46





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Acq On : 9 Dec 2016 11:29
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Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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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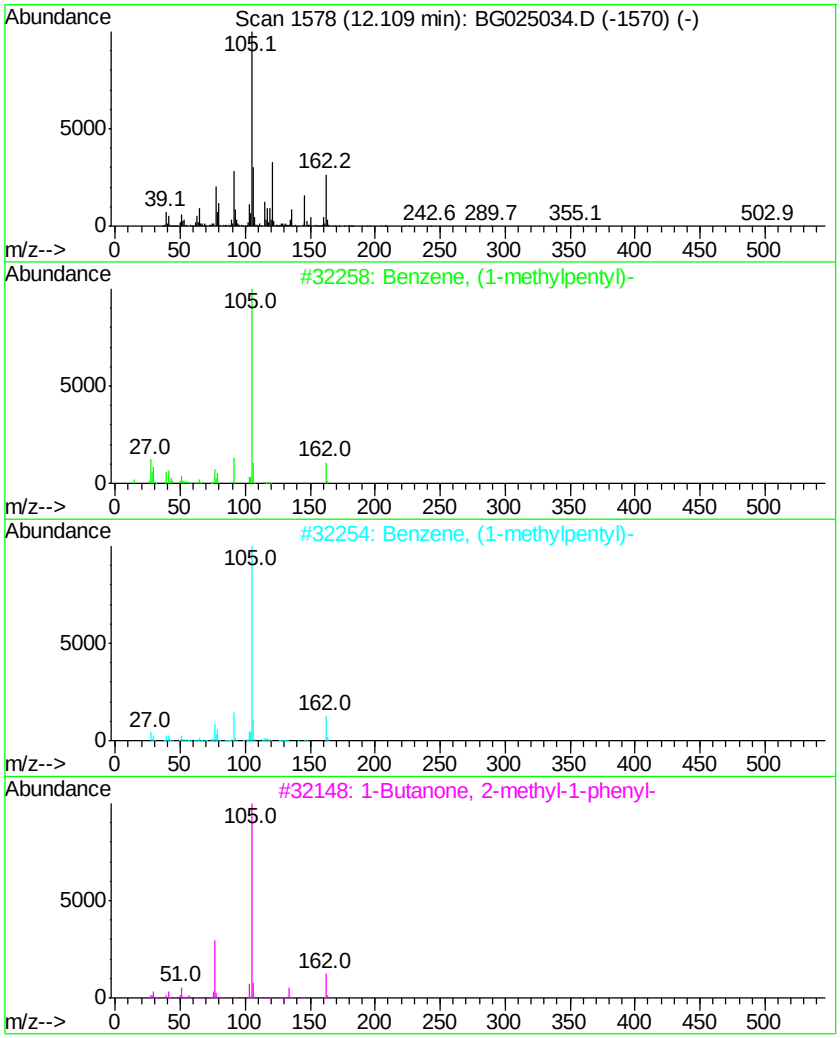
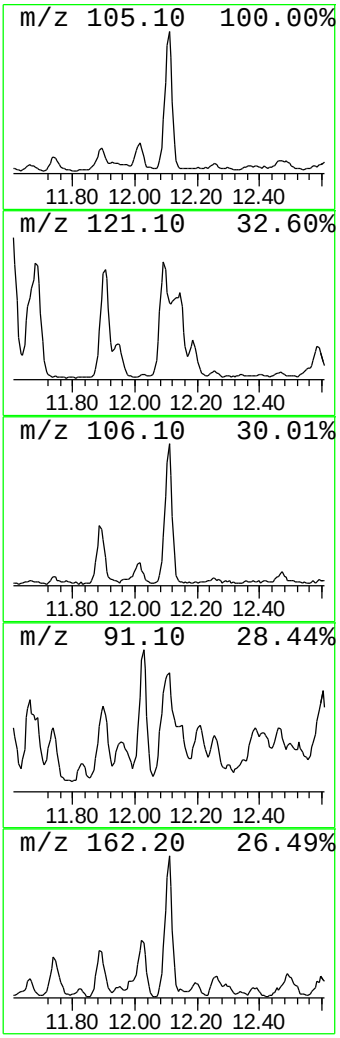
Peak Number 15 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	37.05 ng/ul	8194900	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	49
2	Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	49
3	1-Butanone, 2-methyl-1-phenyl-	162	C11H14O	000938-87-4	47
4	Benzene, 1-methyl-2-(1-ethylprop...	162	C12H18	054410-74-1	45
5	1,3-Butanedione, 1-phenyl-	162	C10H10O2	000093-91-4	38





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Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

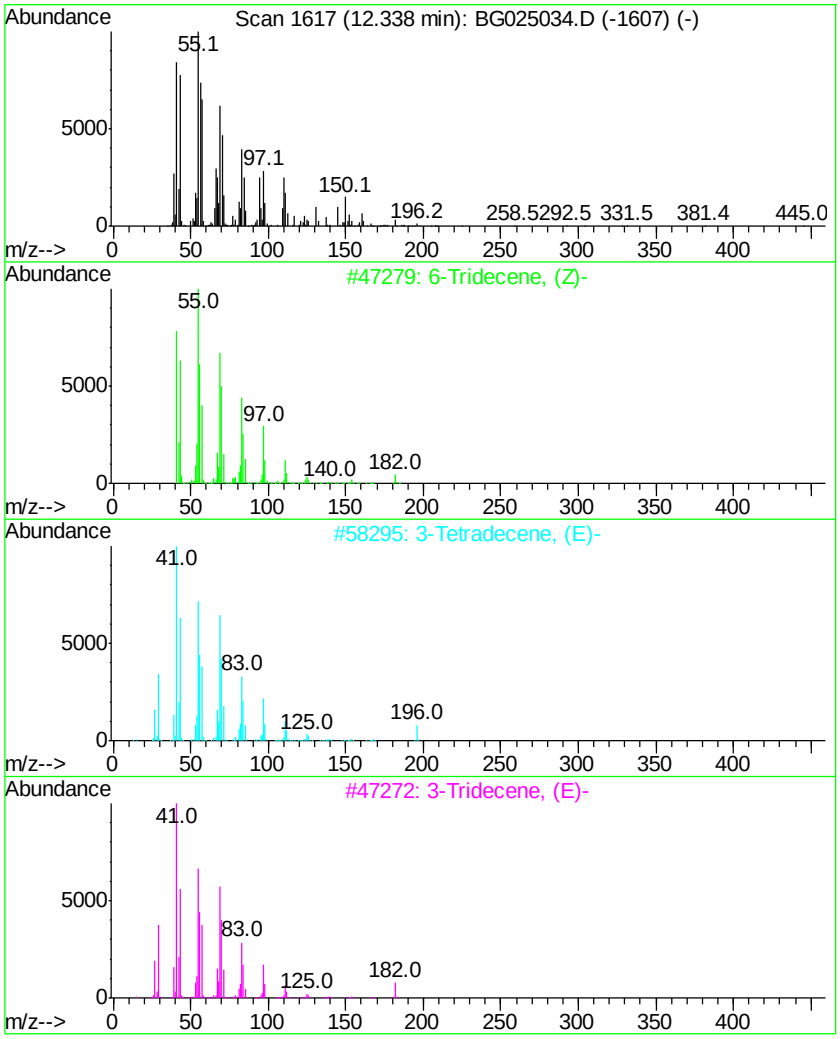
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

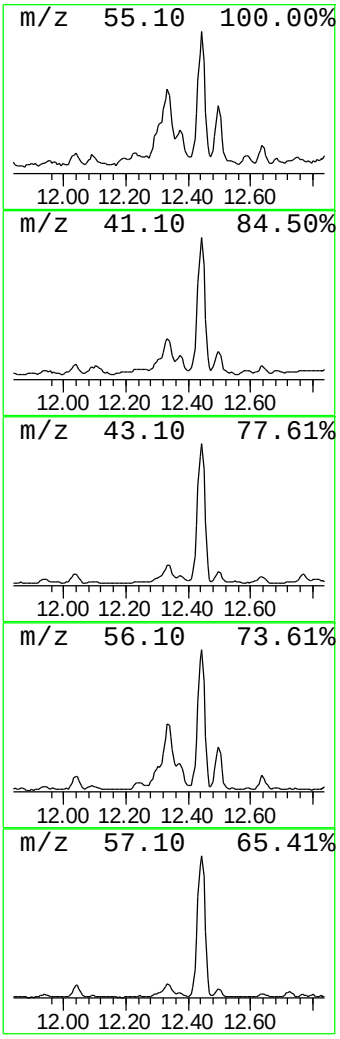
****

Peak Number 16 (DEL) Alkane: Cyclic12.34 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	19.41 ng/ul	4293550	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, (Z)-	182	C13H26	006508-77-6	95
2	3-Tetradecene, (E)-	196	C14H28	041446-68-8	84
3	3-Tridecene, (E)-	182	C13H26	041446-57-5	83
4	3-Tetradecene, (E)-	196	C14H28	041446-68-8	83
5	6-Tridecene	182	C13H26	024949-38-0	70





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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

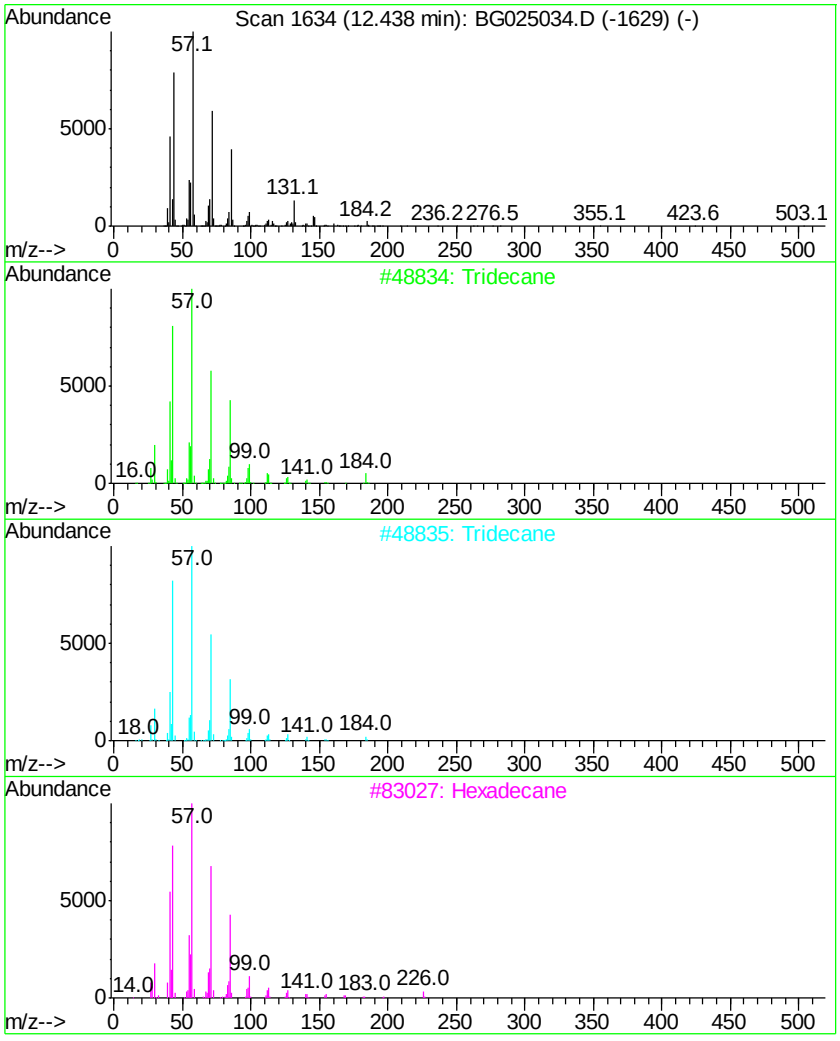
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

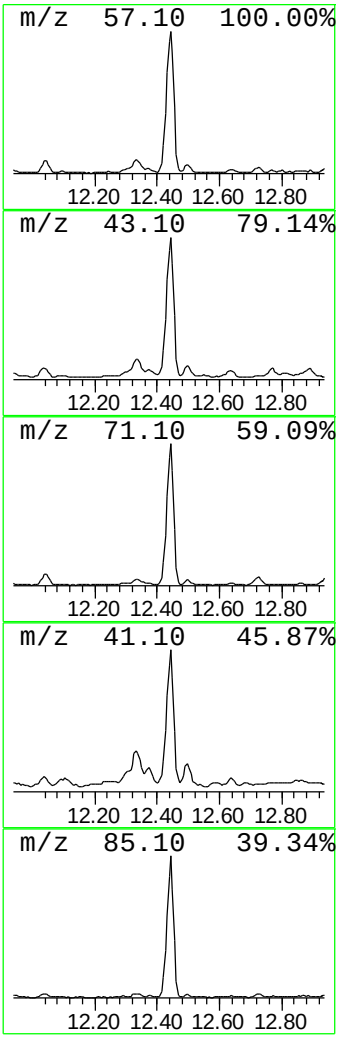
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	66.94 ng/ul	14806700	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane	184	C13H28	000629-50-5	91
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Dodecane	170	C12H26	000112-40-3	80





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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

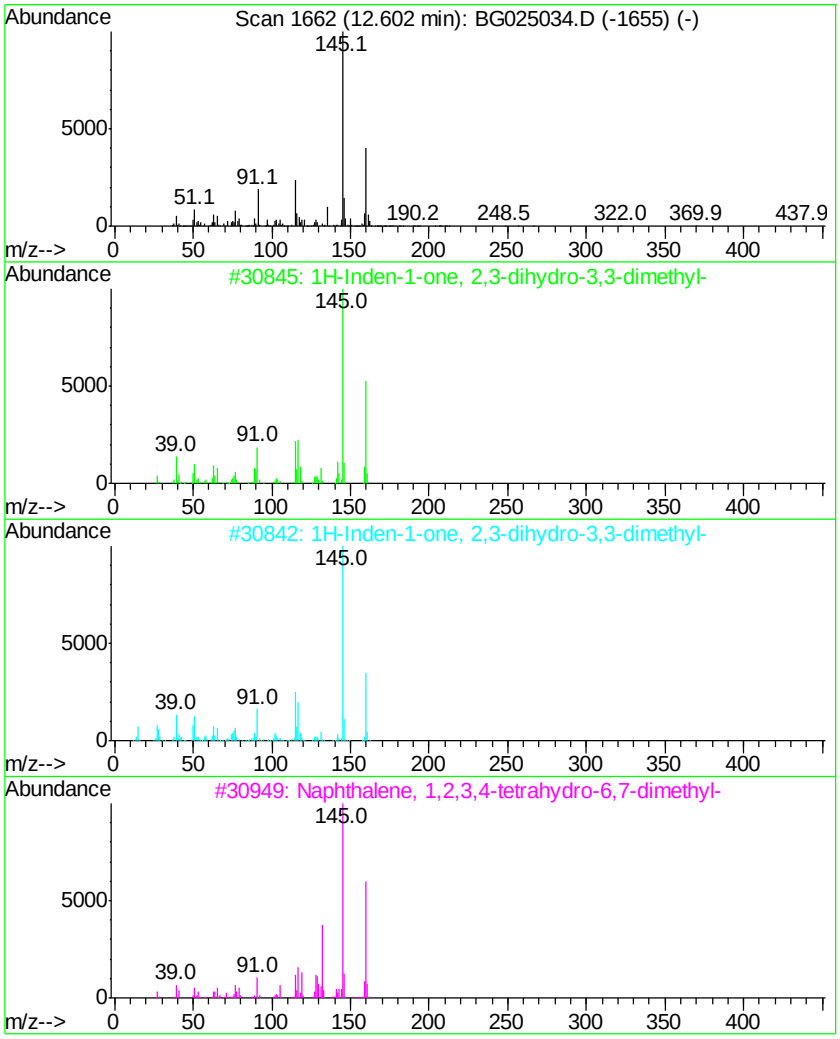
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

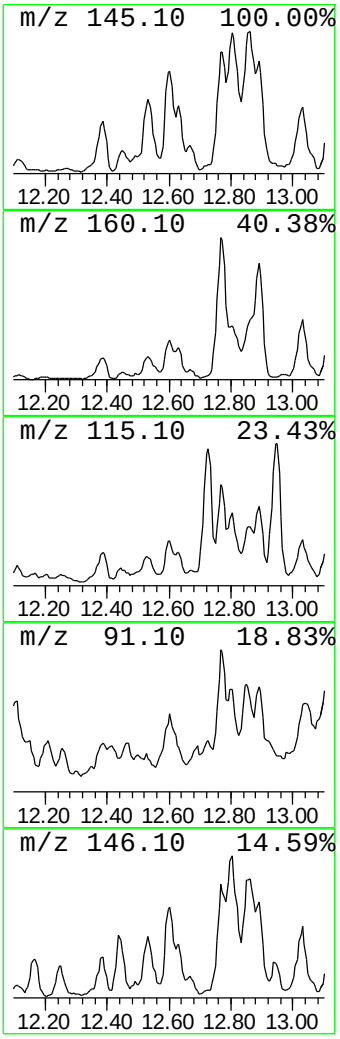
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	20.73 ng/ul	4586090	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	87
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	72
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	64
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64
5	Silane, methyltripropynyl-	160	C10H12Si	1000158-62-1	64





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Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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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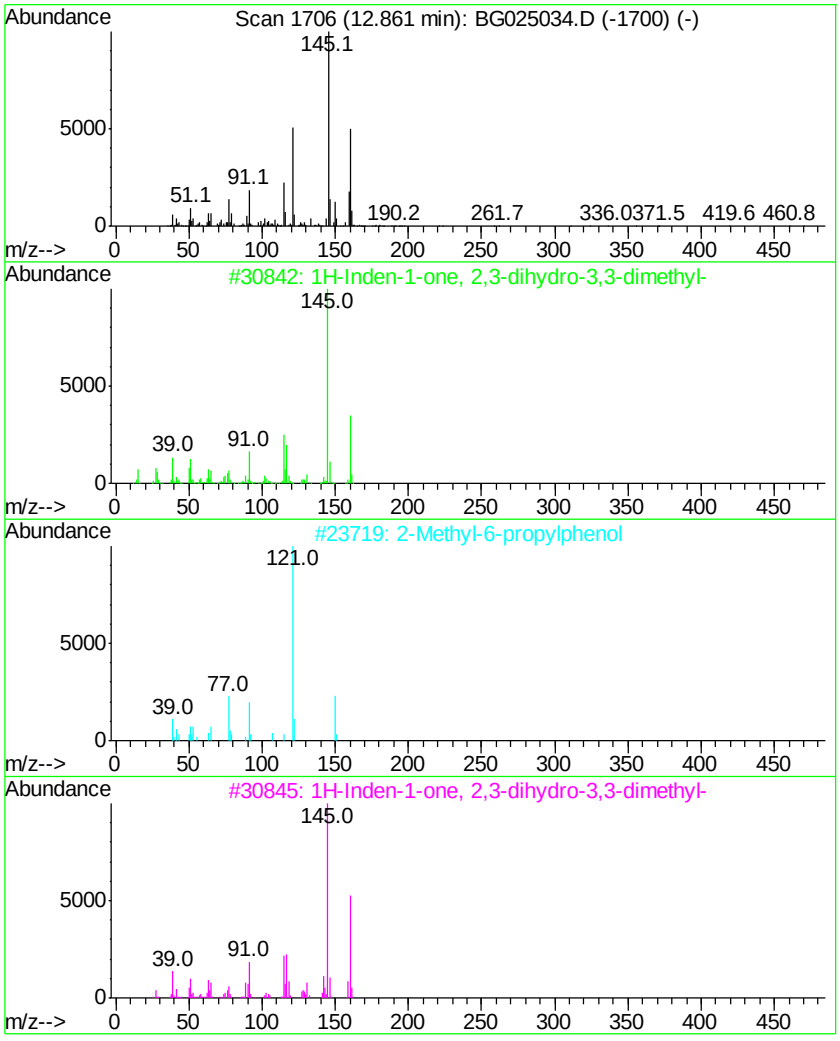
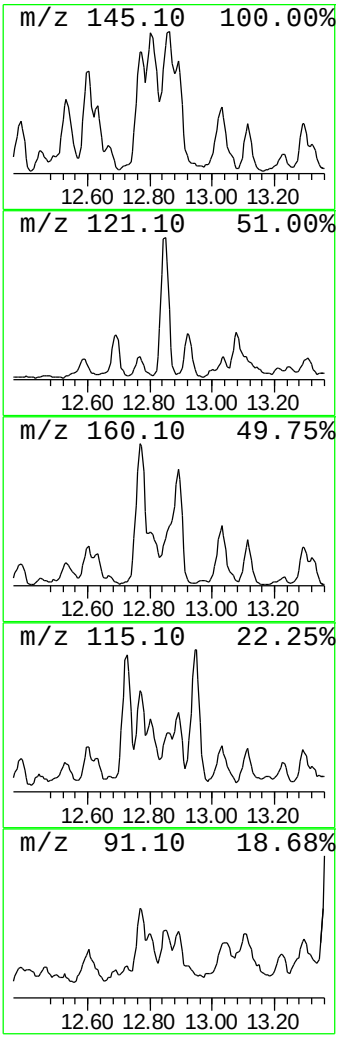
Peak Number 19 unknown-03 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	24.34 ng/ul	5384680	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	45
2	2-Methyl-6-propylphenol	150	C10H14O	003520-52-3	45
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	43
4	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	43
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	38





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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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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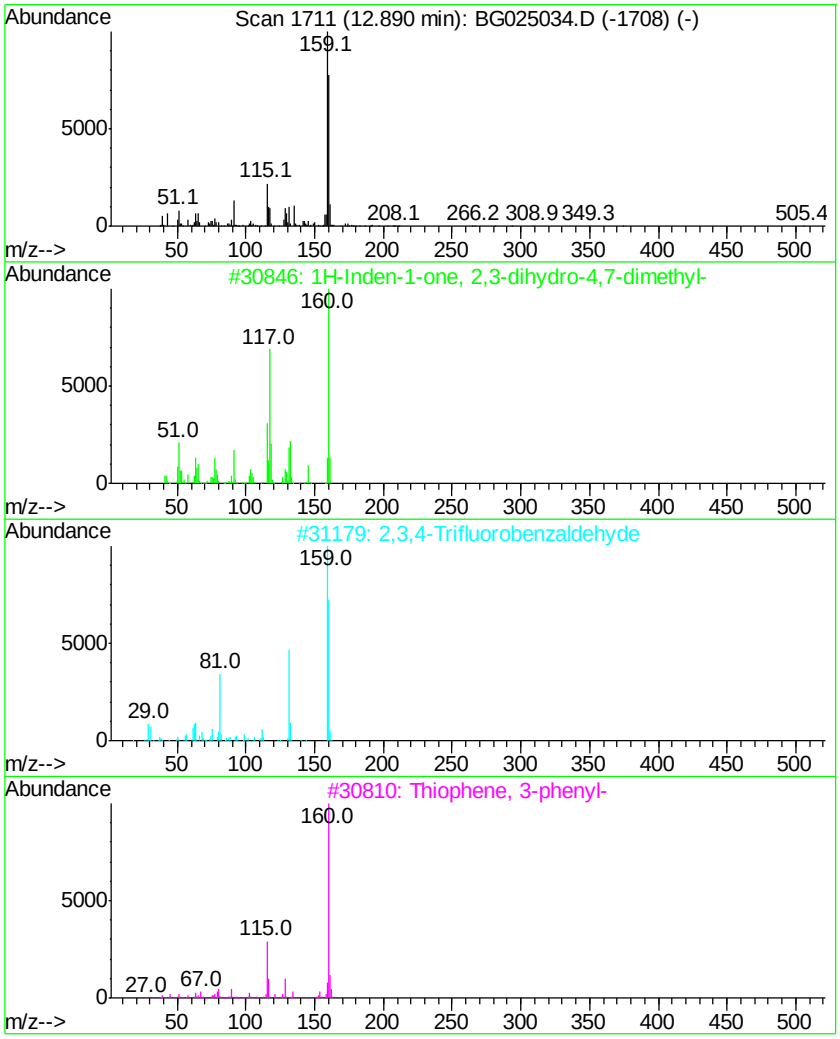
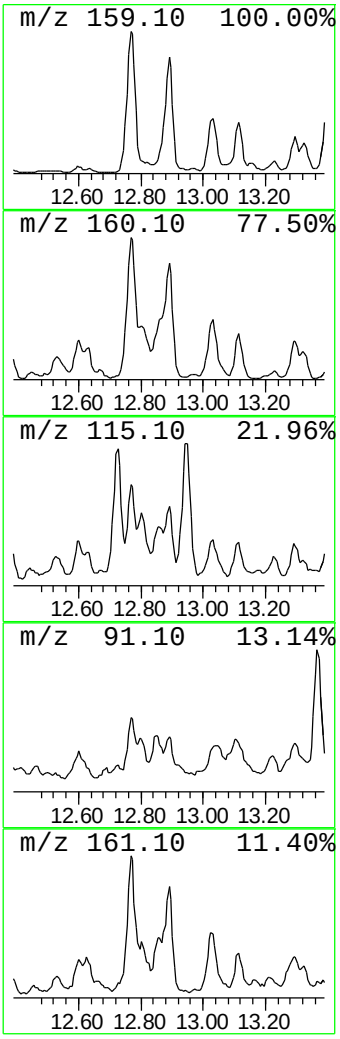
Peak Number 20 unknown-04 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	29.69 ng/ul	6567710	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	46
2	2,3,4-Trifluorobenzaldehyde	160	C7H3F3O	161793-17-5	45
3	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	43
4	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	43
5	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	43





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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

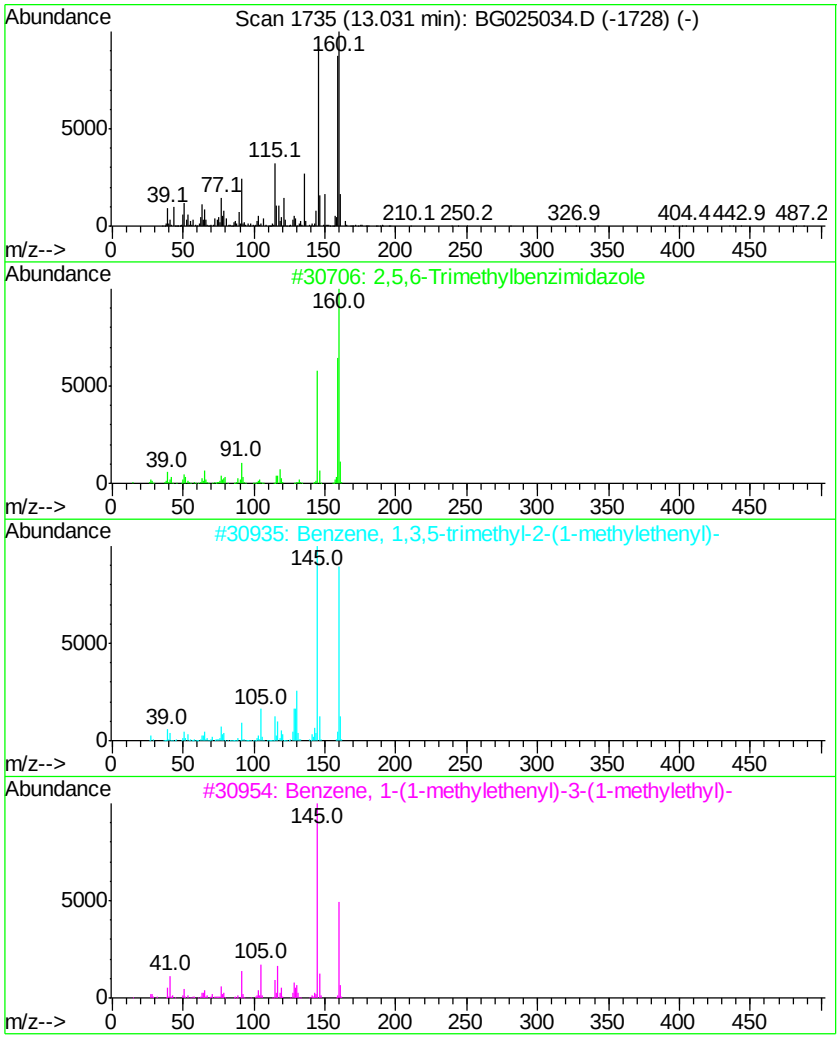
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

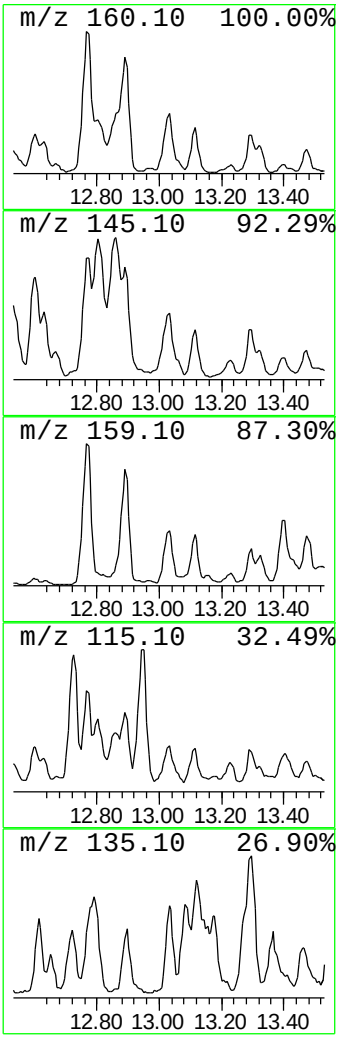
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2,5,6-Trimethylbenzimidazole Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	6.36 ng/ul	7449450	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	80
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	49
4	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	47
5	Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	46





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Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

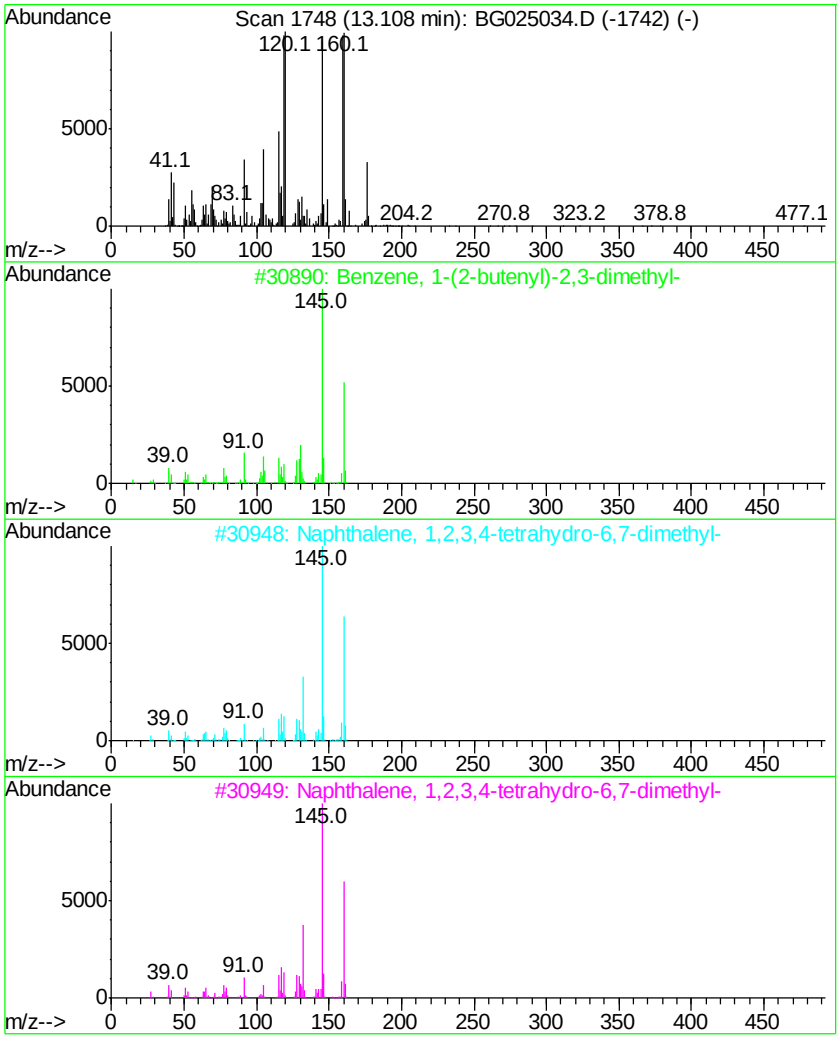
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

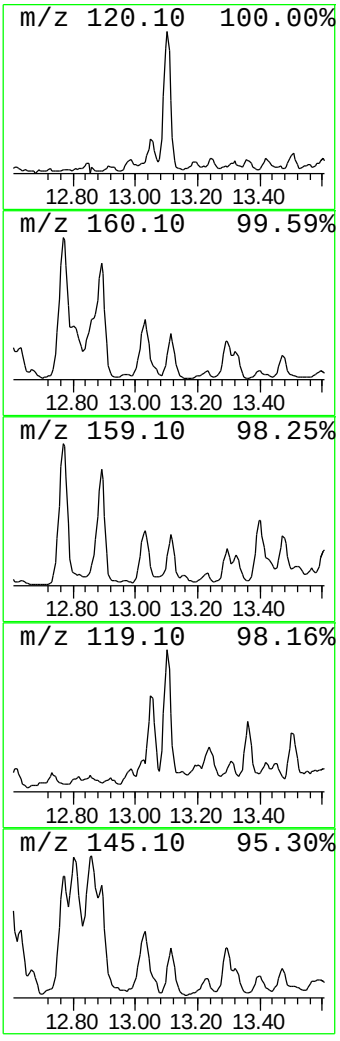
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	10.33 ng/ul	12102100	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	59
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	50
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	50
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	46
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	46





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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

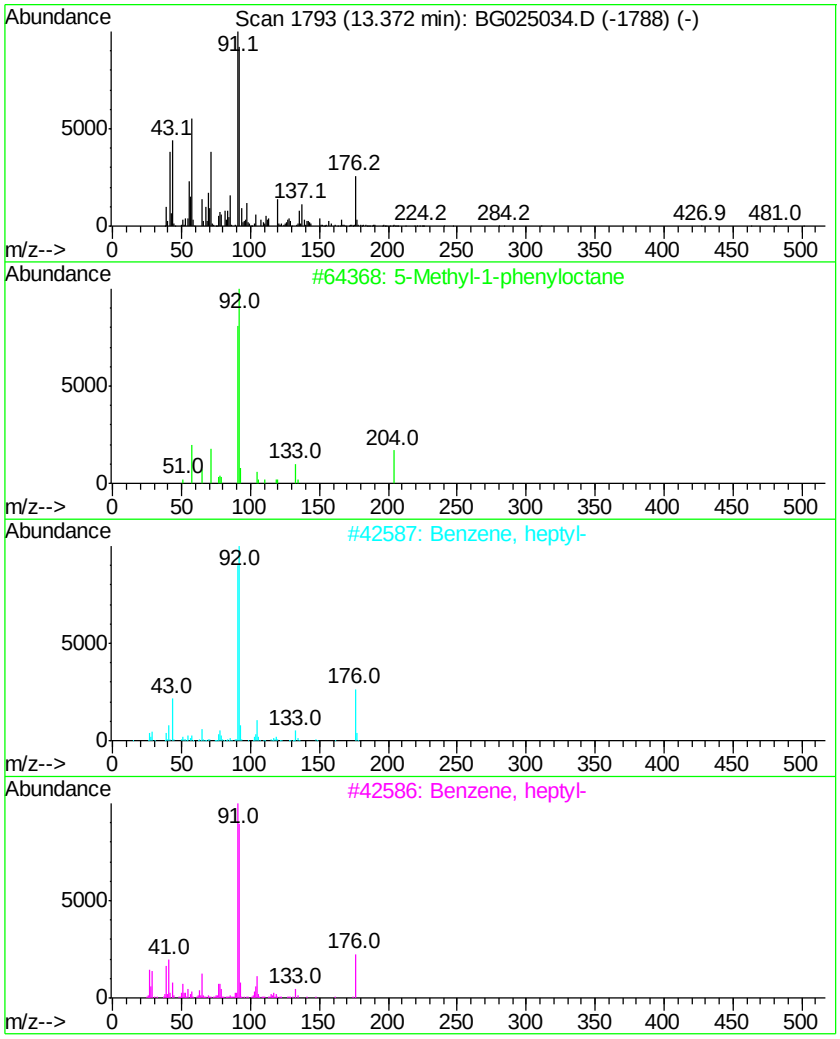
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

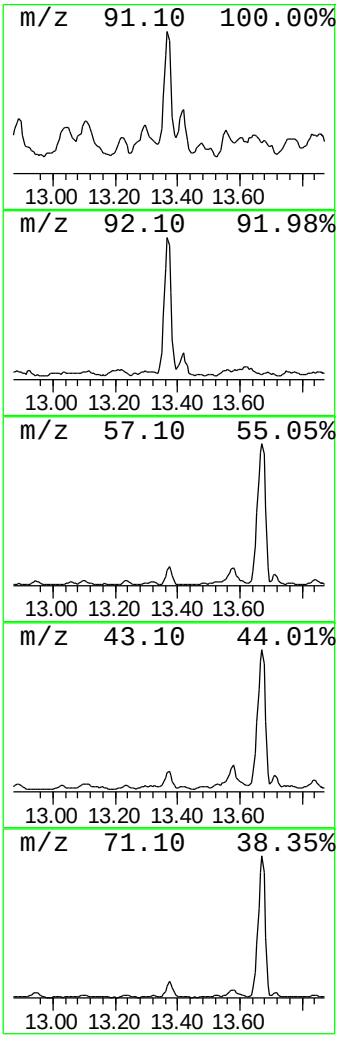
****

Peak Number 25 5-Methyl-1-phenyloctane Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	4.74 ng/ul	5557750	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-1-phenyloctane	204	C15H24	100216-99-7	50
2	Benzene, heptyl-	176	C13H20	001078-71-3	46
3	Benzene, heptyl-	176	C13H20	001078-71-3	43
4	Toluene	92	C7H8	000108-88-3	35
5	Toluene	92	C7H8	000108-88-3	35





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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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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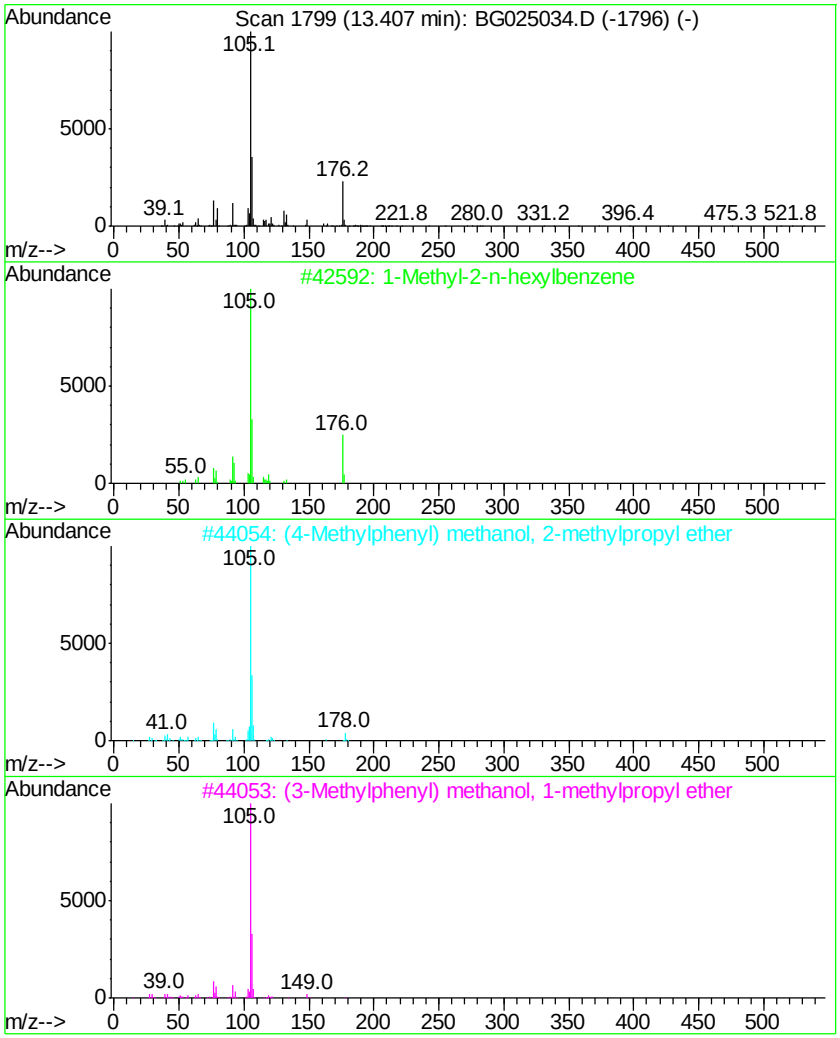
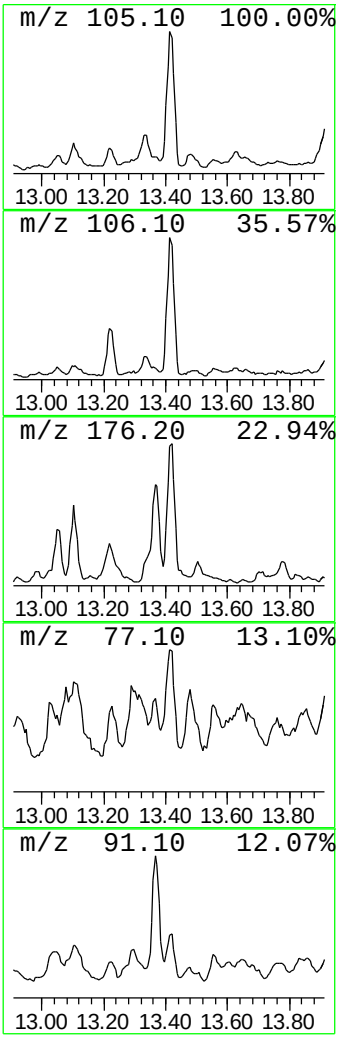
Peak Number 26 1-Methyl-2-n-hexylbenzene Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	5.74 ng/ul	6720900	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-n-hexylbenzene	176	C13H20	001595-10-4	80
2	(4-Methylphenyl) methanol, 2-met...	178	C12H18O	1000374-65-2	47
3	(3-Methylphenyl) methanol, 1-met...	178	C12H18O	1000374-58-5	47
4	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	43
5	(4-Methylphenyl) methanol, 2-met...	192	C13H20O	1000374-66-4	43





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Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

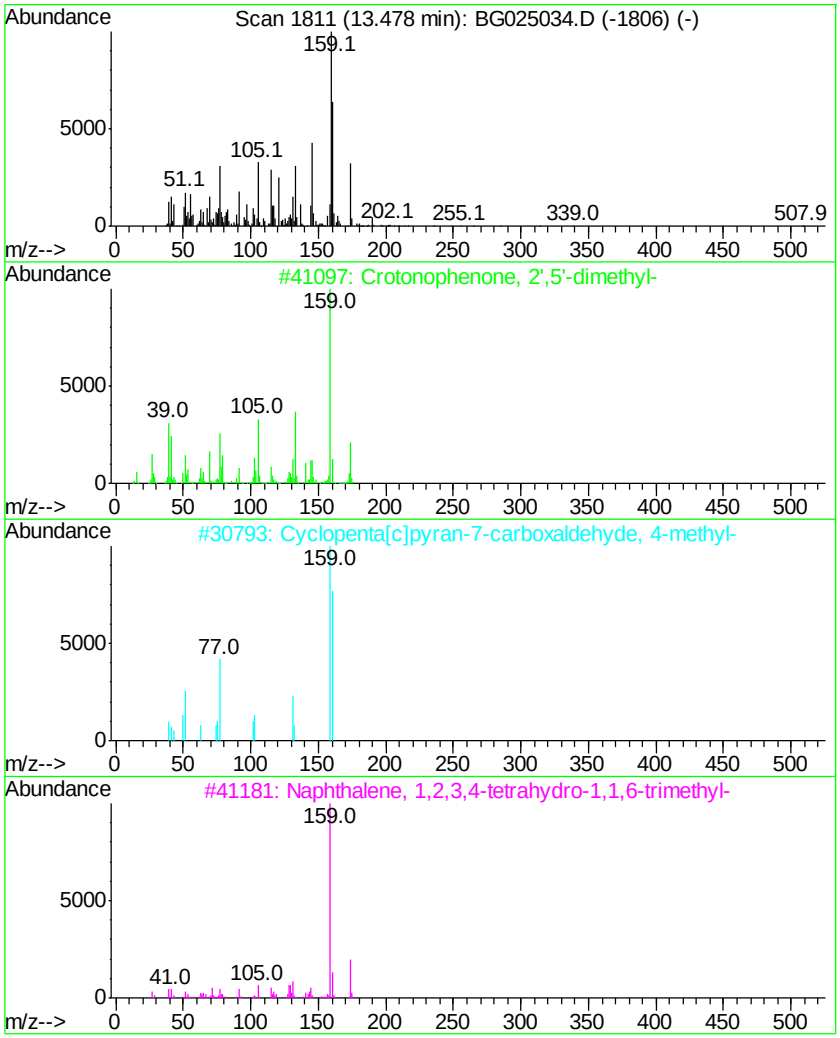
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

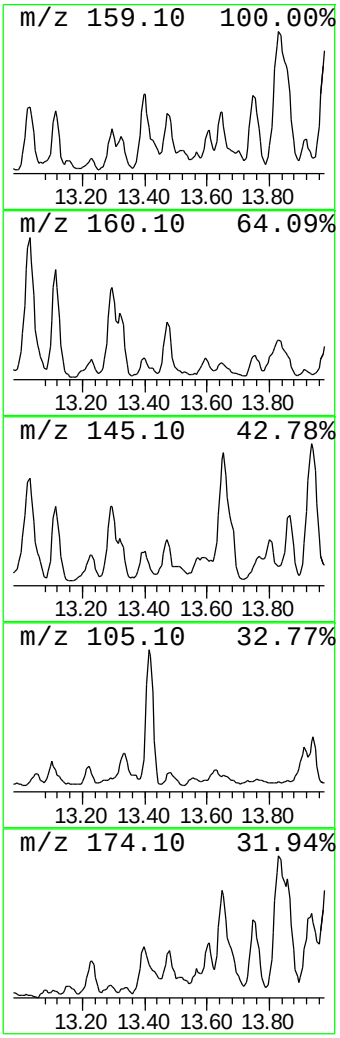
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Crotonophenone, 2',5'-dimet... Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	4.01 ng/ul	4702130	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Crotonophenone, 2',5'-dimethyl-	174	C12H14O	015561-15-6	52
2	Cyclopenta[c]pyran-7-carboxaldeh...	160	C10H8O2	063661-79-0	50
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	43
5	1H-Inden-1-one, 2,3-dihydro-3,3,...	174	C12H14O	054484-71-8	38





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Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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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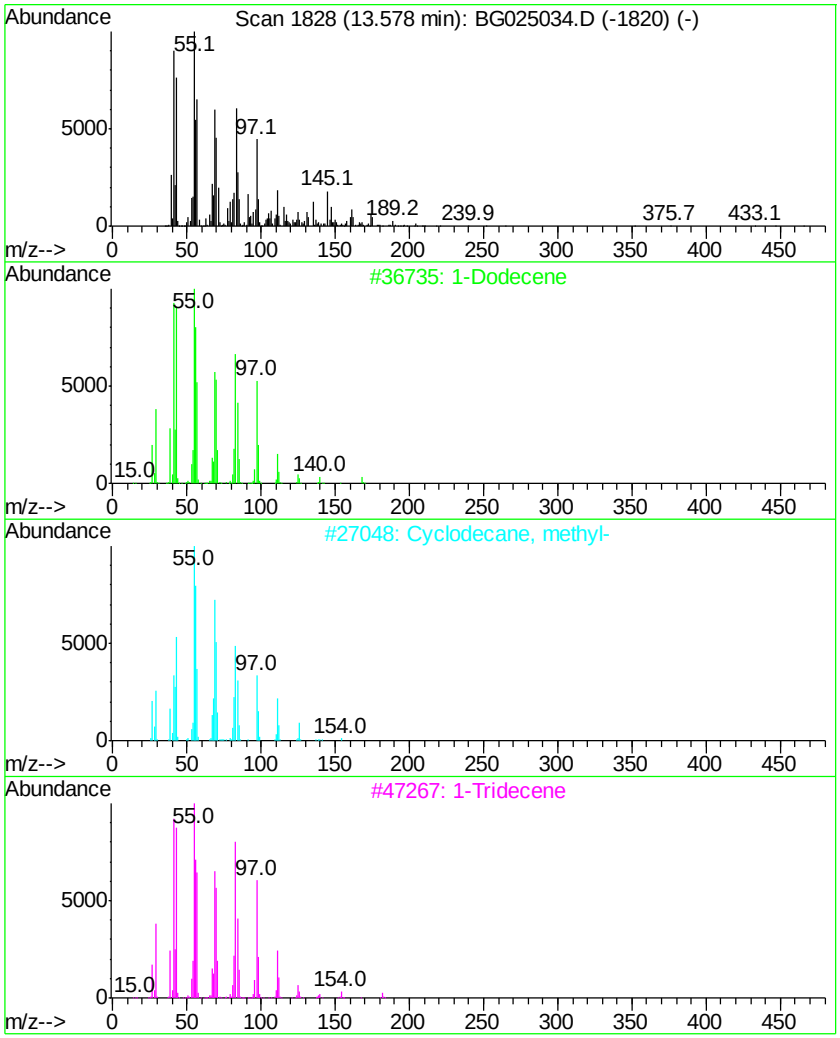
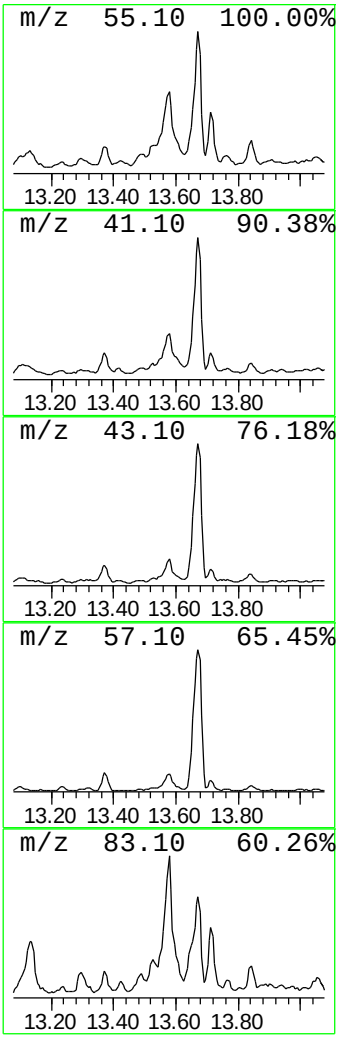
Peak Number 28 (DEL) Alkane: Cyclic13.58 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	10.26 ng/ul	12024000	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecene	168	C12H24	000112-41-4	94
2	Cyclodecane, methyl-	154	C11H22	013151-43-4	86
3	1-Tridecene	182	C13H26	002437-56-1	83
4	1-Tetradecene	196	C14H28	001120-36-1	80
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	74





Library Search Compound Report

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Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

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

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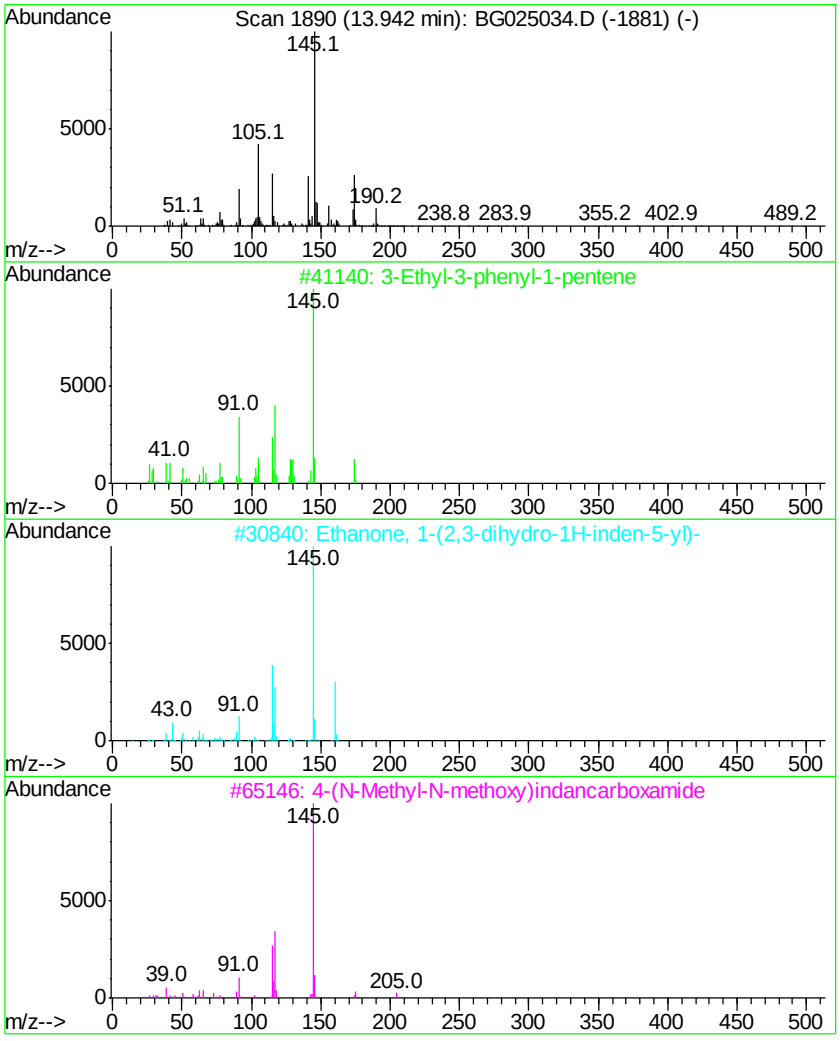
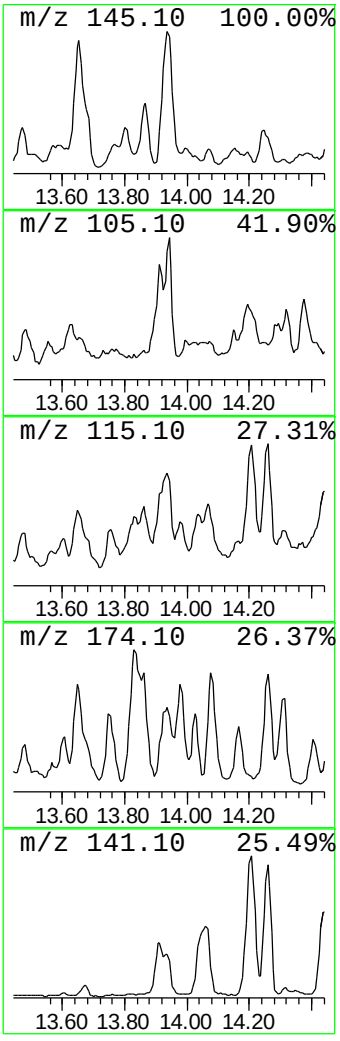
Peak Number 29 unknown-05 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.12 ng/ul	5993540	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	47
2	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	43
3	4-(N-Methyl-N-methoxy)indancarbo...	205	C12H15NO2	1000284-45-9	43
4	1,5-Naphthyridin-4-amine	145	C8H7N3	027392-68-3	38
5	2-Mercapto-4,5-dimethylthiazole	145	C5H7NS2	005351-51-9	38





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

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

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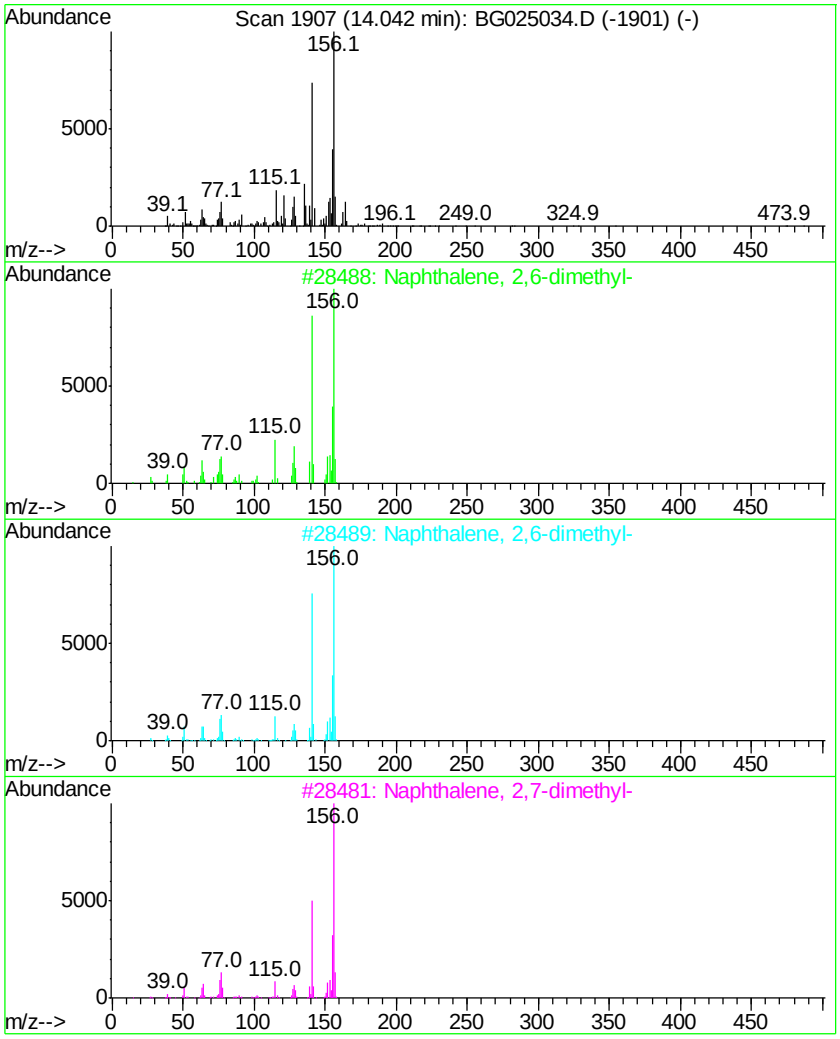
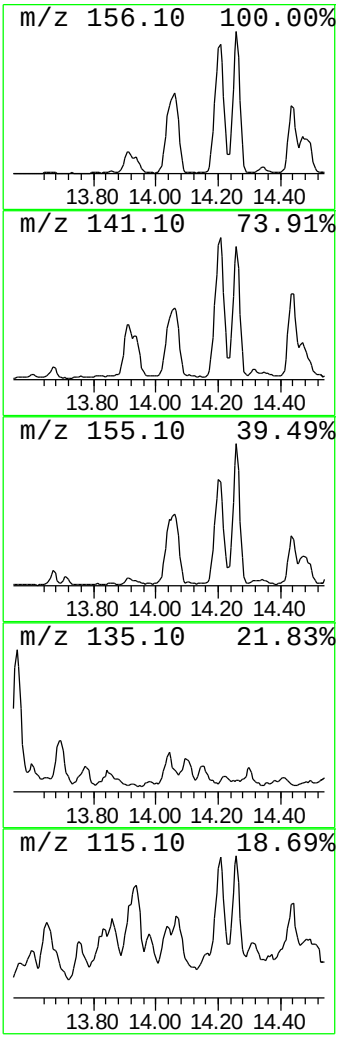
Peak Number 30 Naphthalene, 2,6-dimethyl- Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	4.61 ng/ul	5397040	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

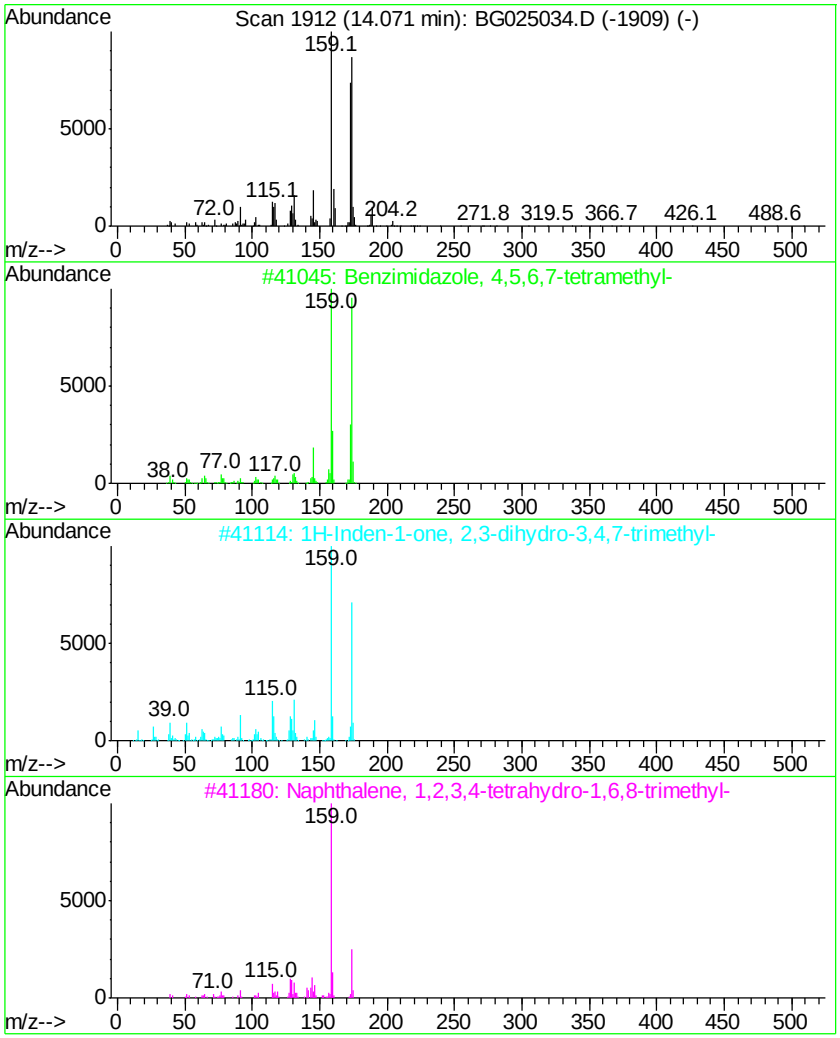
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

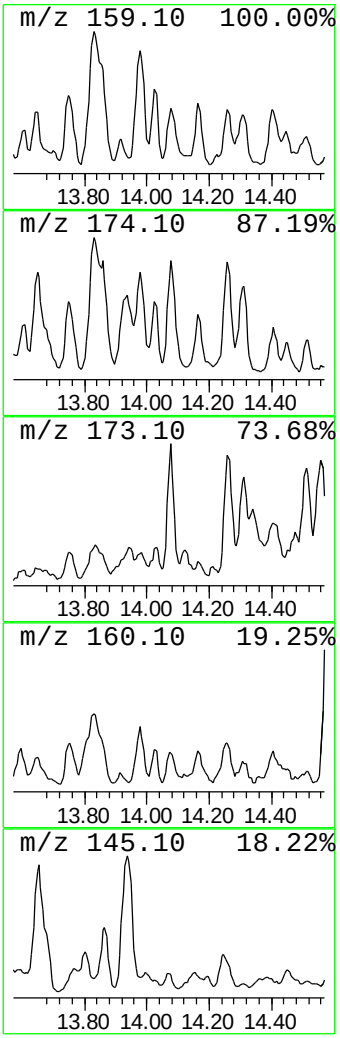
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzimidazole, 4,5,6,7-tetr... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	5.38 ng/ul	6302620	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzimidazole, 4,5,6,7-tetramethyl-	174	C11H14N2	106148-67-8	72
2	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	70
4	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	64
5	Ethanone, 1-[4-(1-methyl-2-prope...	174	C12H14O	109586-49-4	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

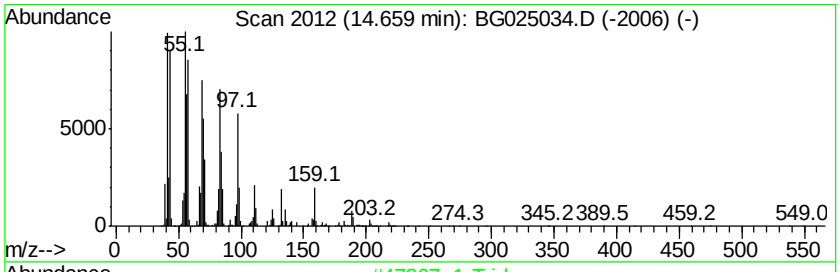
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

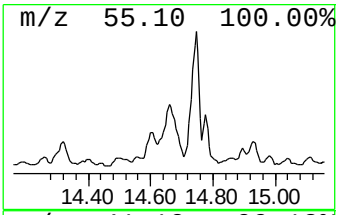
****

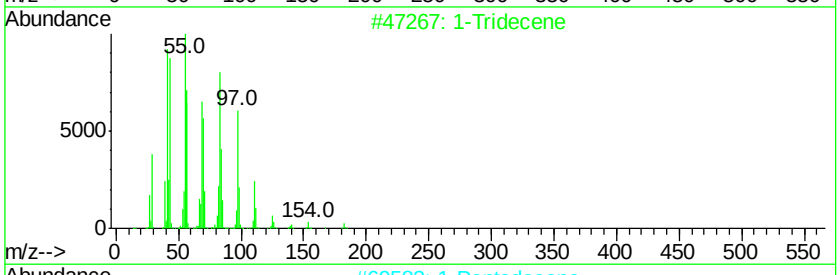
Peak Number 34 (DEL) Alkane: Cyclic14.66 Concentration Rank 57

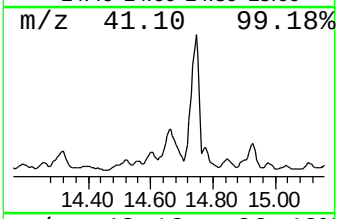
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	13.46 ng/ul	15770800	Acenaphthene-d10	14.88

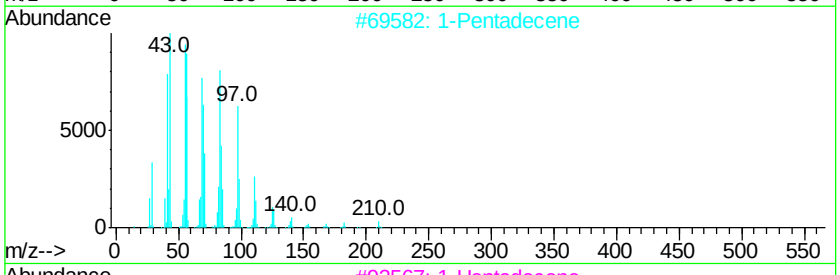
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	98
2	1-Pentadecene	210	C15H30	013360-61-7	90
3	1-Heptadecene	238	C17H34	006765-39-5	90
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	90
5	1-Hexadecanol	242	C16H34O	036653-82-4	87

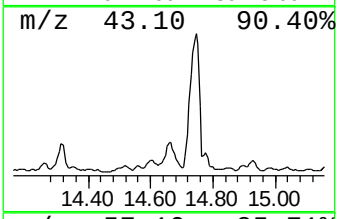


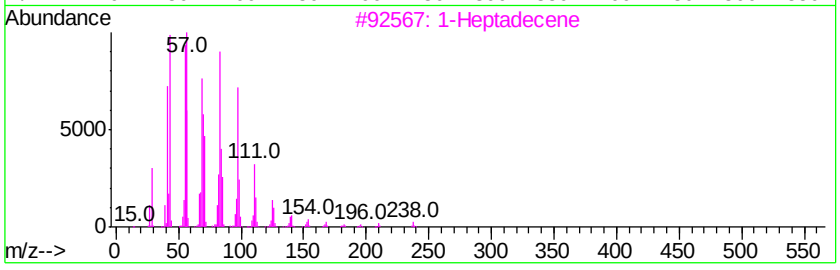


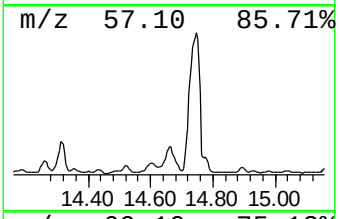


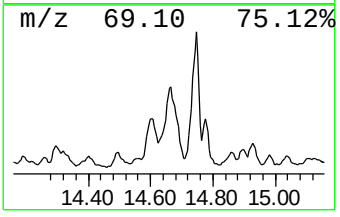












Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

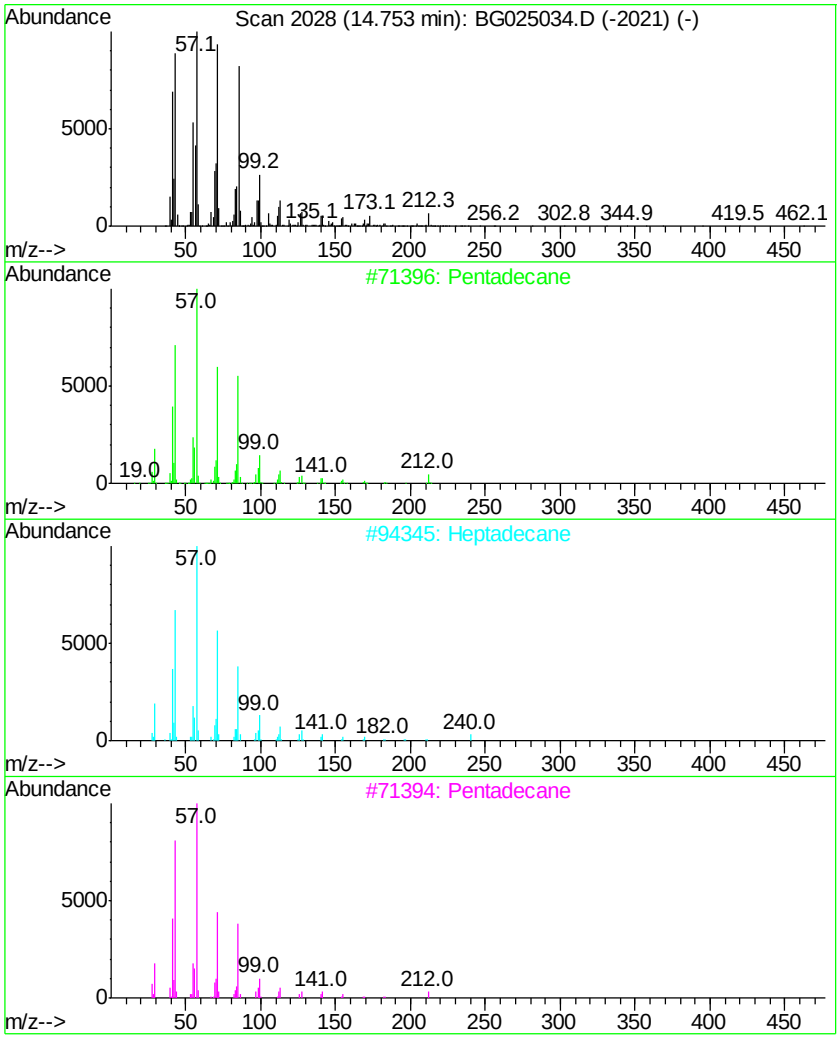
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

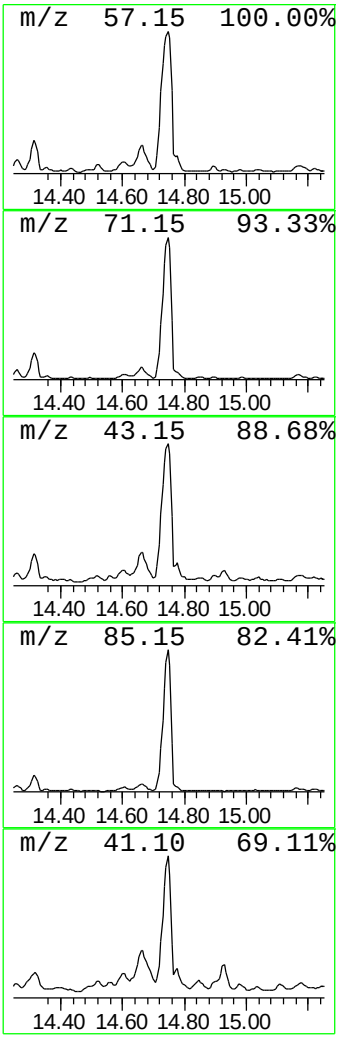
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	35.73 ng/ul	41854400	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Heptadecane	240	C17H36	000629-78-7	89
3	Pentadecane	212	C15H32	000629-62-9	83
4	Heptadecane	240	C17H36	000629-78-7	76
5	Nonadecane	268	C19H40	000629-92-5	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

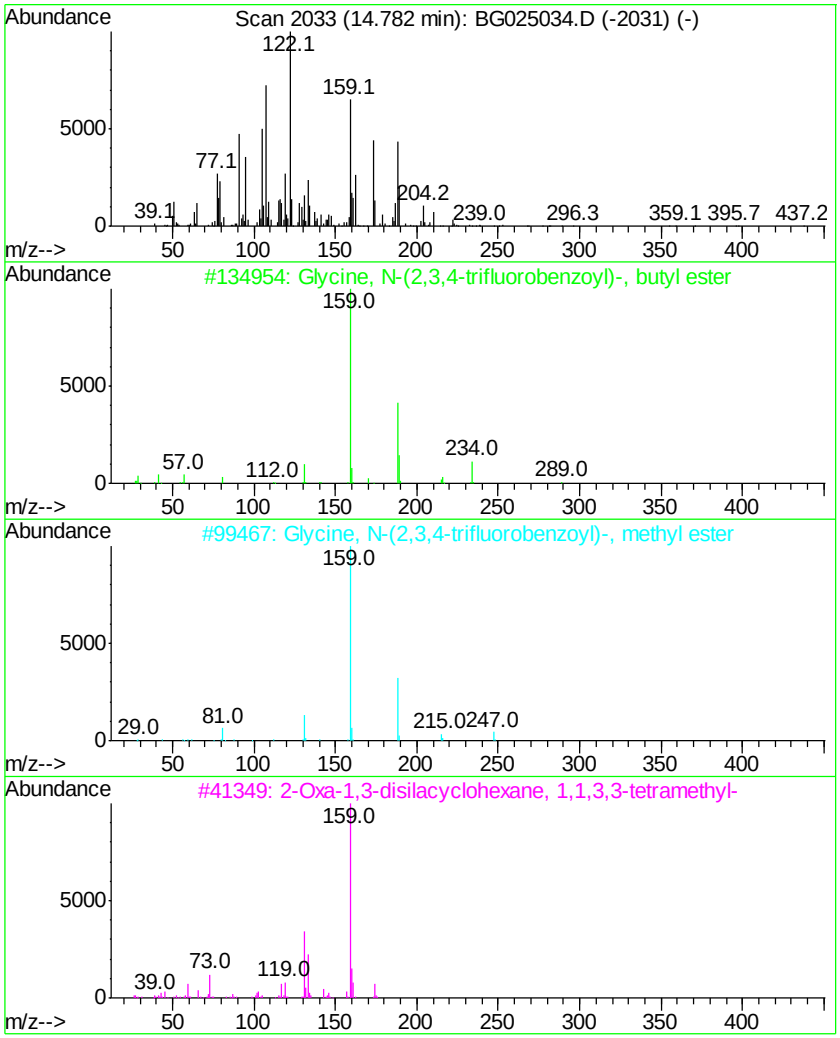
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

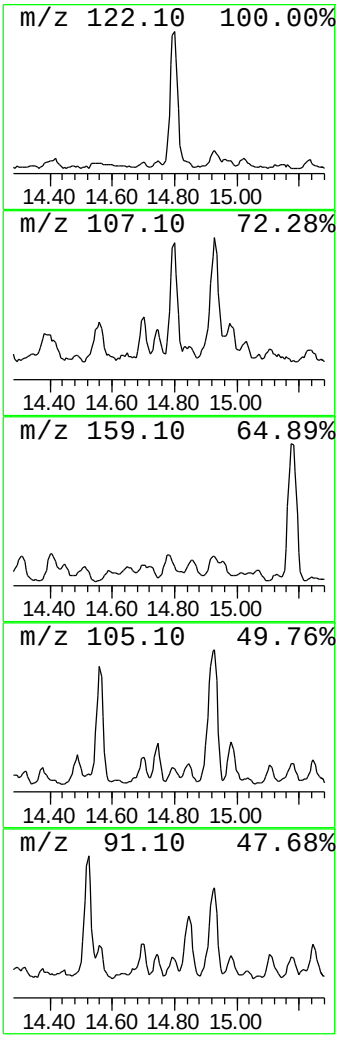
****

Peak Number 36 unknown-06 Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	4.98 ng/ul	5836570	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycine, N-(2,3,4-trifluorobenzo...	289	C13H14F3NO3	1000314-50-0	35
2	Glycine, N-(2,3,4-trifluorobenzo...	247	C10H8F3NO3	1000299-62-8	35
3	2-Oxa-1,3-disilacyclohexane, 1,1...	174	C7H18OSi2	1000308-86-0	30
4	Benzene, 1,4-dichloro-2-(2-chlor...	208	C8H7Cl3	054965-02-5	27
5	2,3,4-Trifluorobenzoic acid, 4-p...	386	C22H33F3O2	1000280-62-3	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

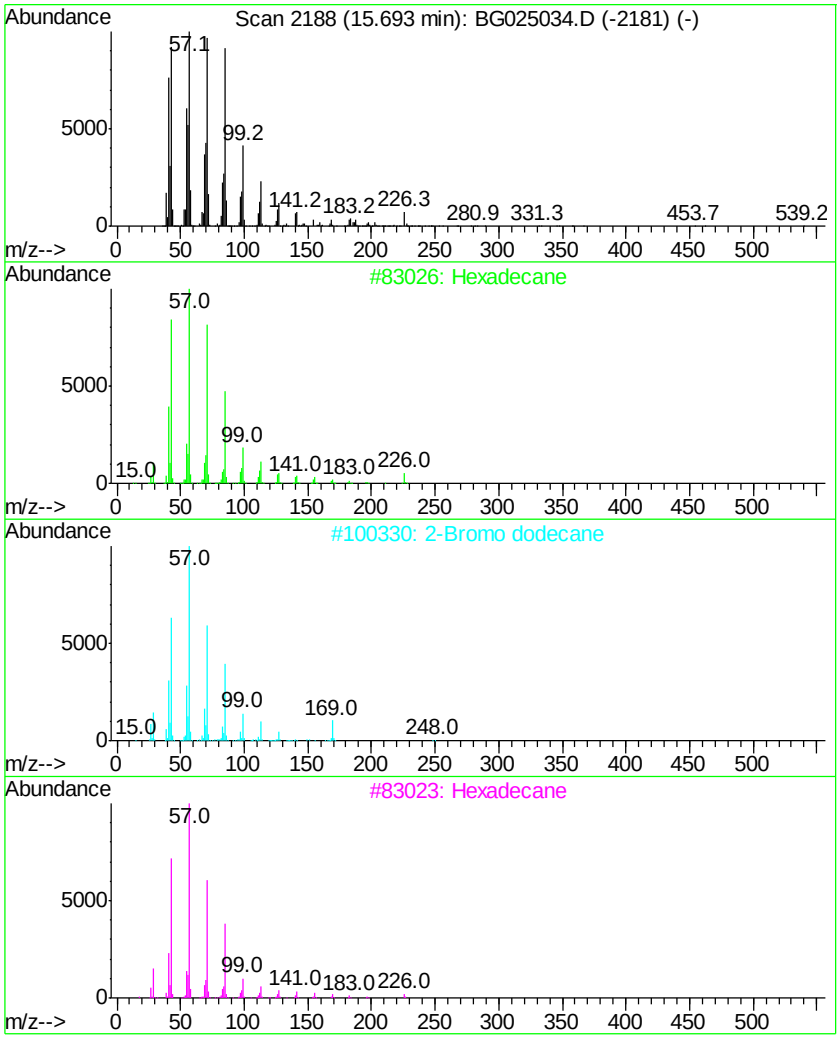
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

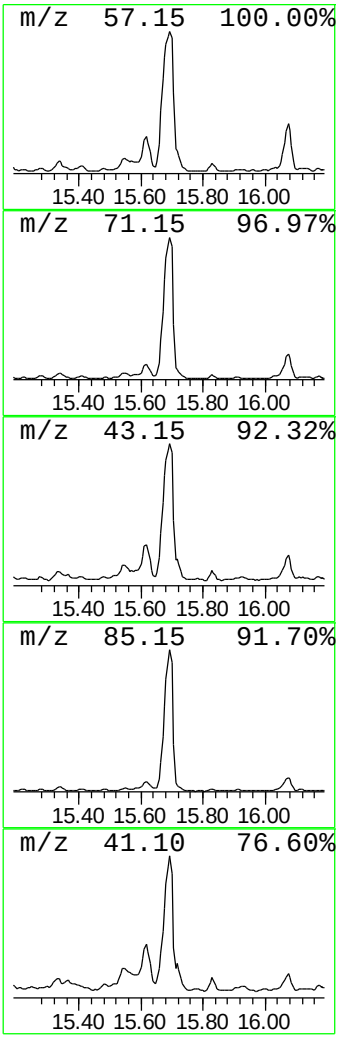
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	52.77 ng/ul	61823600	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	70
3	Hexadecane	226	C16H34	000544-76-3	58
4	Oxirane, 2-methyl-3-propyl-, trans-	100	C6H12O	006124-91-0	46
5	Hexadecane	226	C16H34	000544-76-3	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

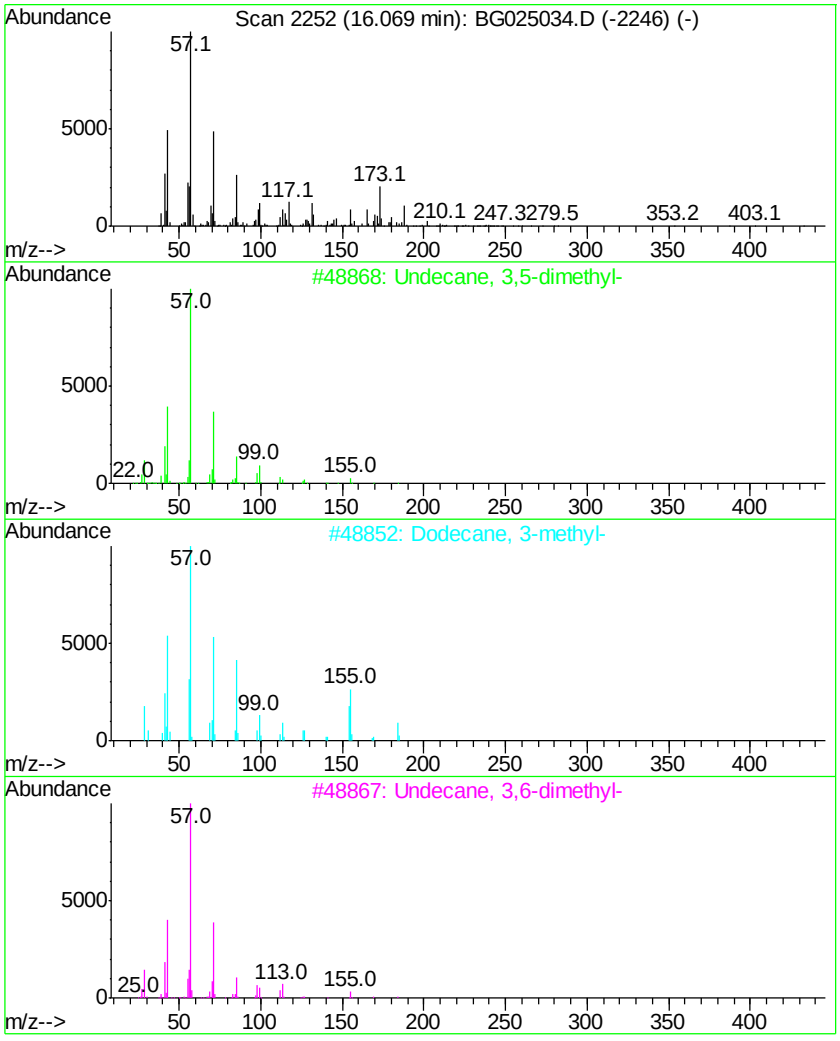
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

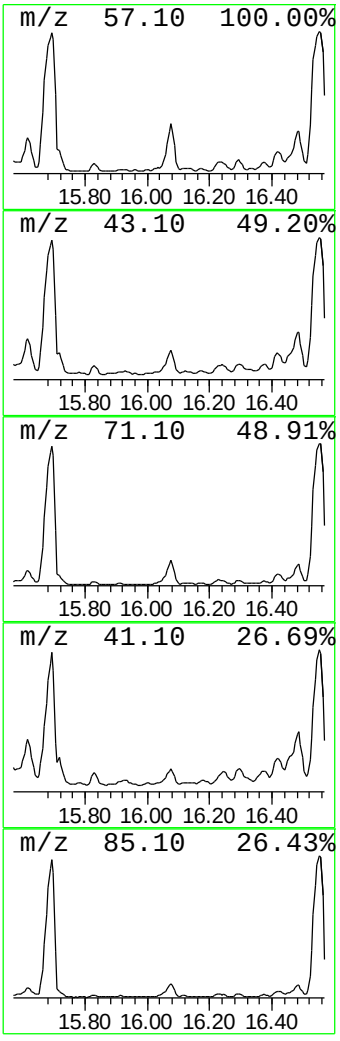
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	6.39 ng/ul	7482820	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	58
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
4	Heneicosane	296	C21H44	000629-94-7	52
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

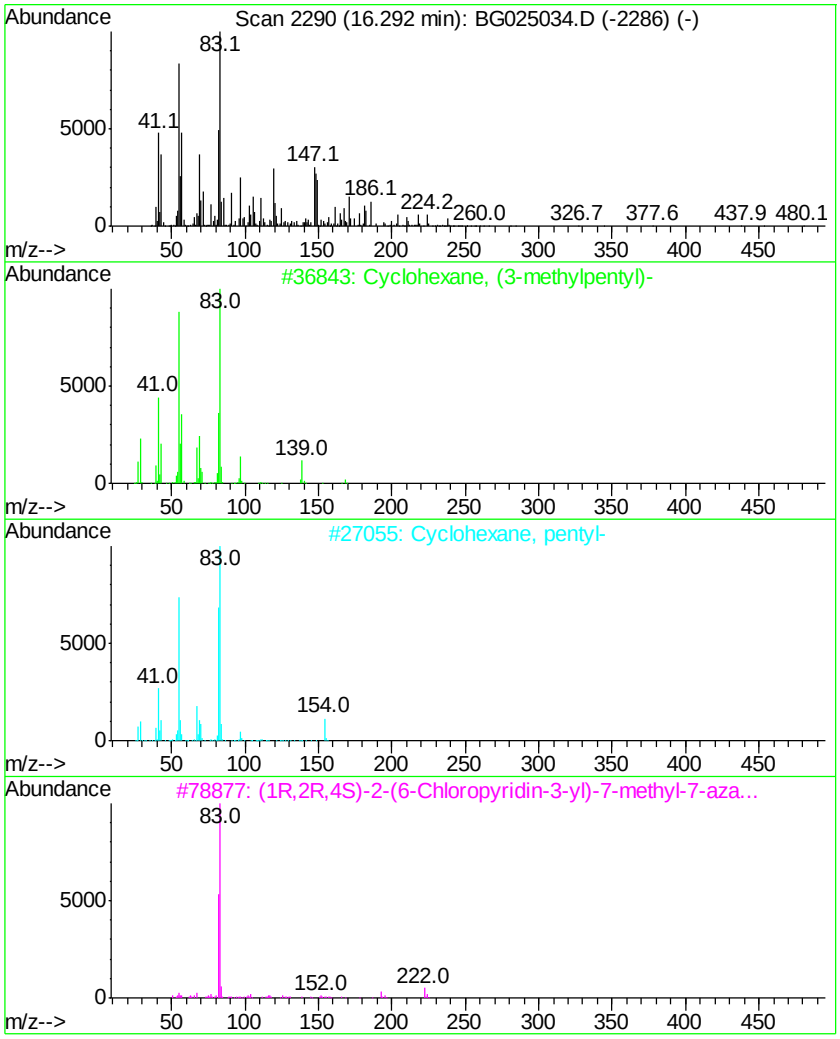
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

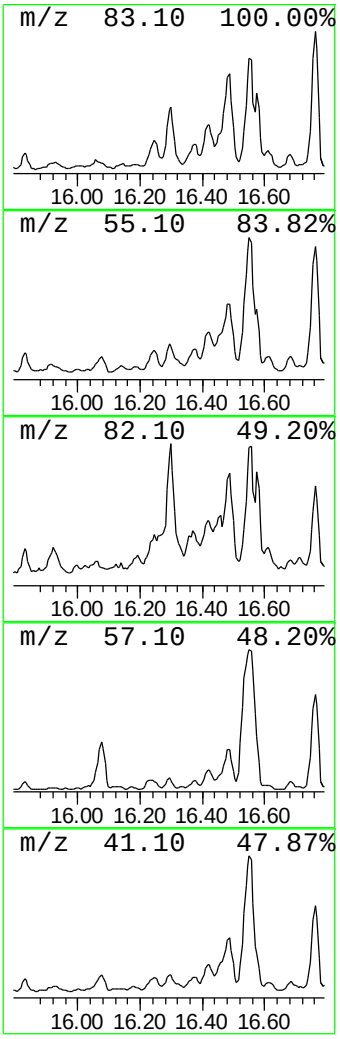
****

Peak Number 44 (DEL) Alkane: Cyclic16.29 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	27.46 ng/ul	6880470	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	46
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
3	(1R,2R,4S)-2-(6-Chloropyridin-3-...	222	C12H15ClN2	232615-84-8	38
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
5	Heptylcyclohexane	182	C13H26	005617-41-4	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

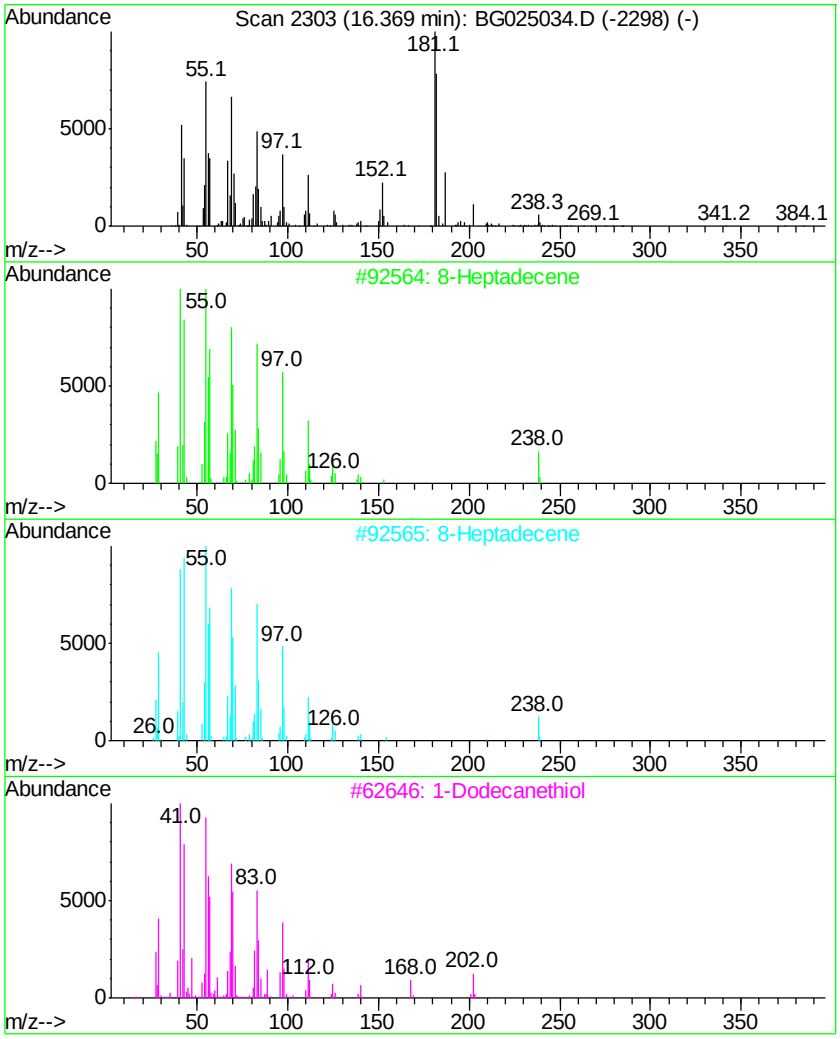
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

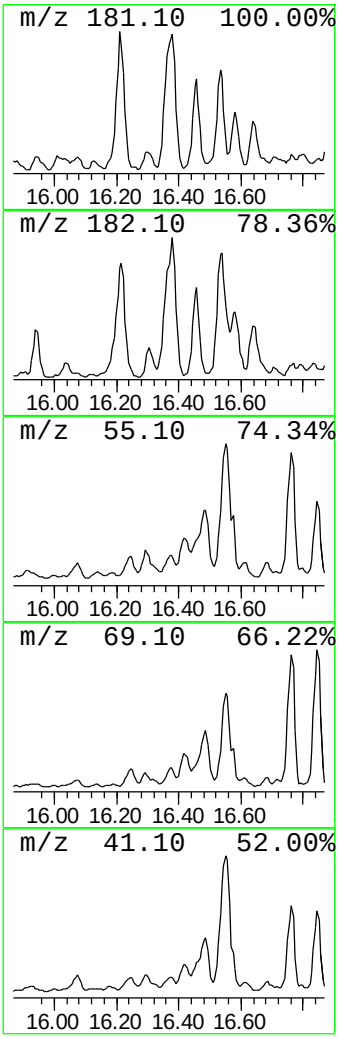
****

Peak Number 45 (DEL) Alkane: Cyclic16.37 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	19.63 ng/ul	4919260	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Heptadecene	238	C17H34	002579-04-6	95
2	8-Heptadecene	238	C17H34	002579-04-6	95
3	1-Dodecanethiol	202	C12H26S	000112-55-0	60
4	6-Tridecene, (Z)-	182	C13H26	006508-77-6	58
5	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

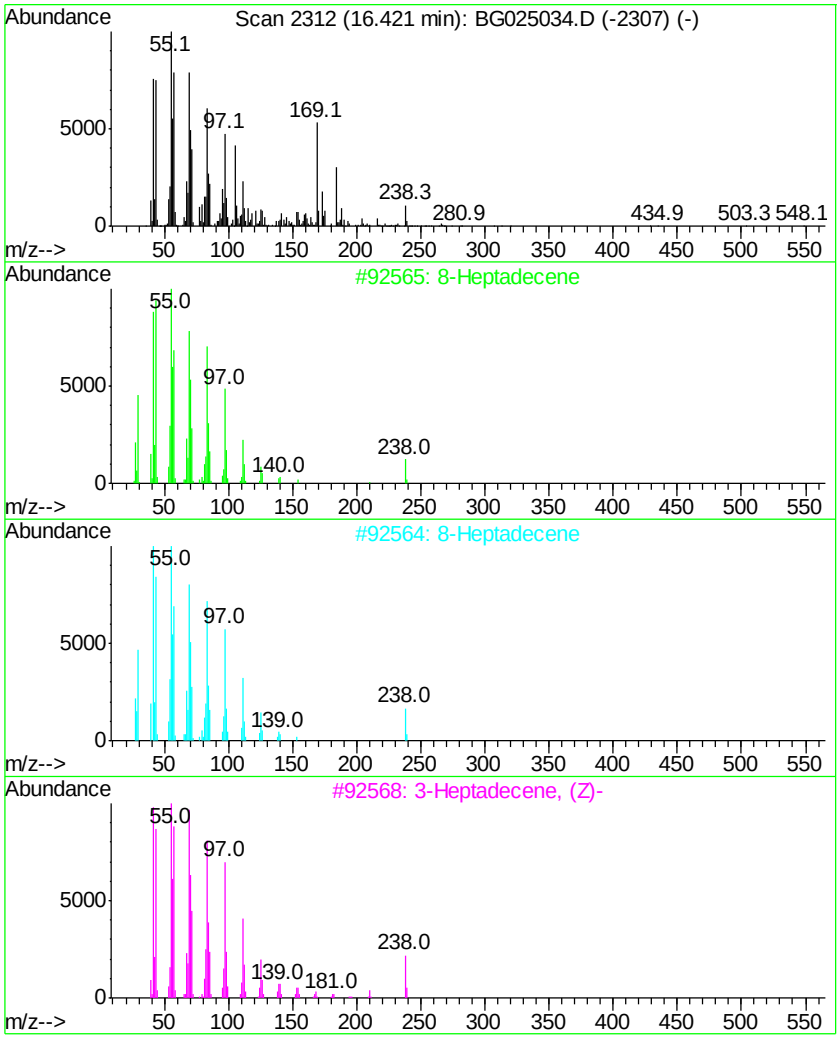
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

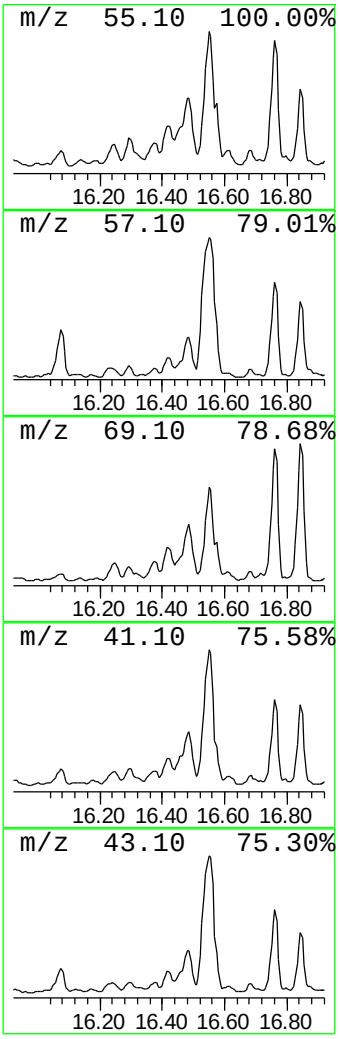
****

Peak Number 46 (DEL) Alkane: Cyclic16.42 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	37.49 ng/ul	9394180	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Heptadecene	238	C17H34	002579-04-6	98
2	8-Heptadecene	238	C17H34	002579-04-6	94
3	3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	92
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	91





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Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

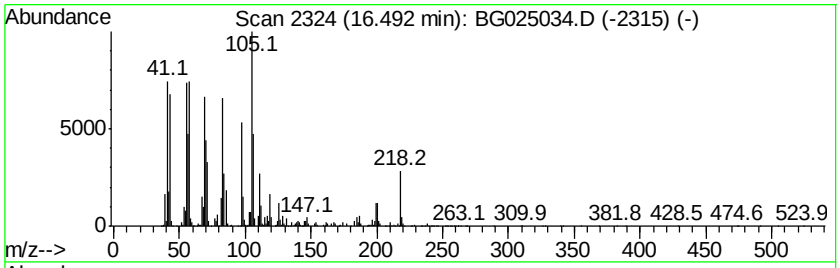
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

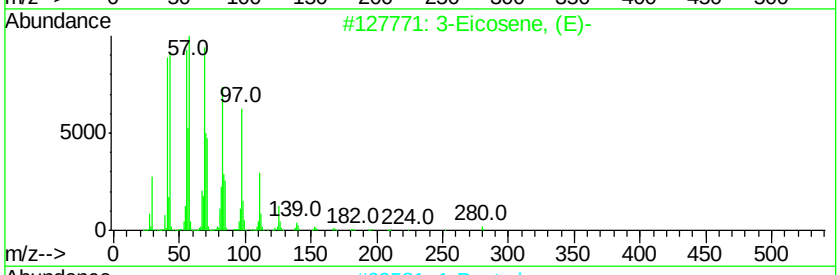
****

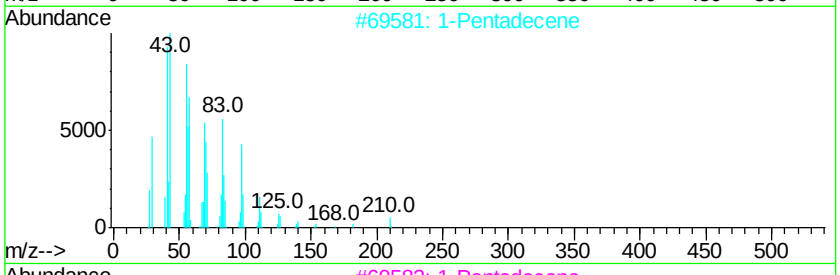
Peak Number 47 (DEL) Alkane: Cyclic16.49 Concentration Rank 7

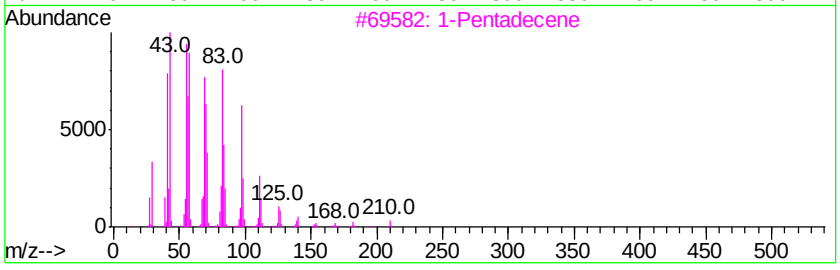
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	109.65 ng/ul	27472300	Phenanthrene-d10	17.63

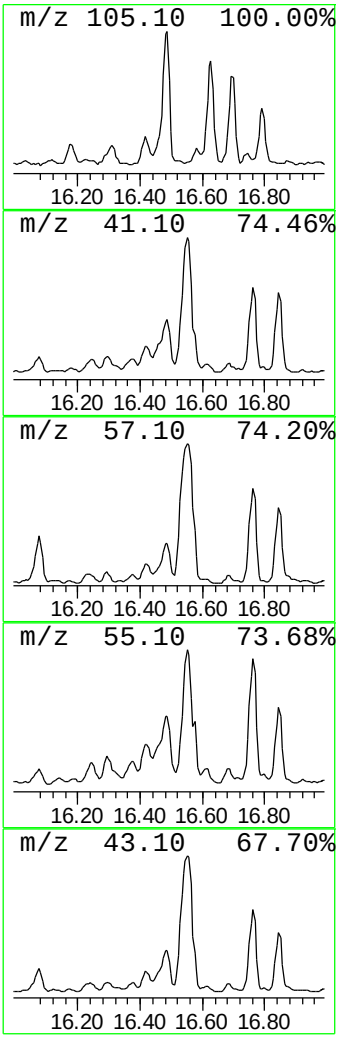
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	89
2	1-Pentadecene	210	C15H30	013360-61-7	89
3	1-Pentadecene	210	C15H30	013360-61-7	86
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	76
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	76











Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

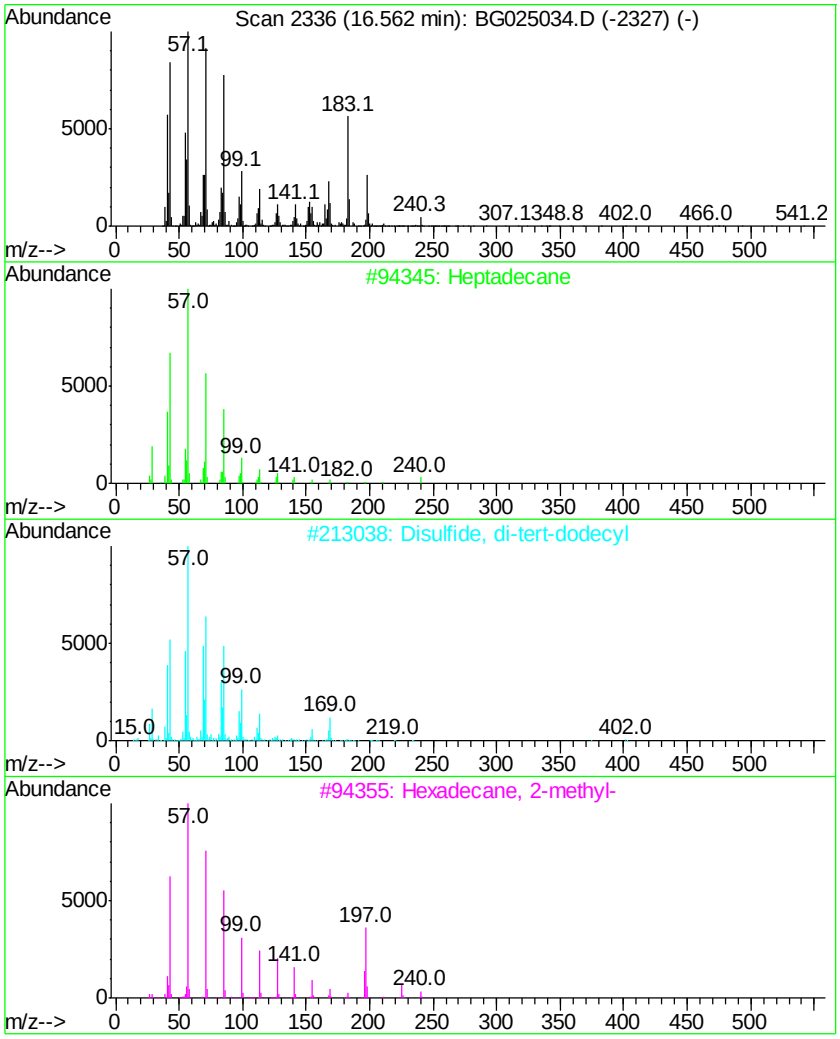
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

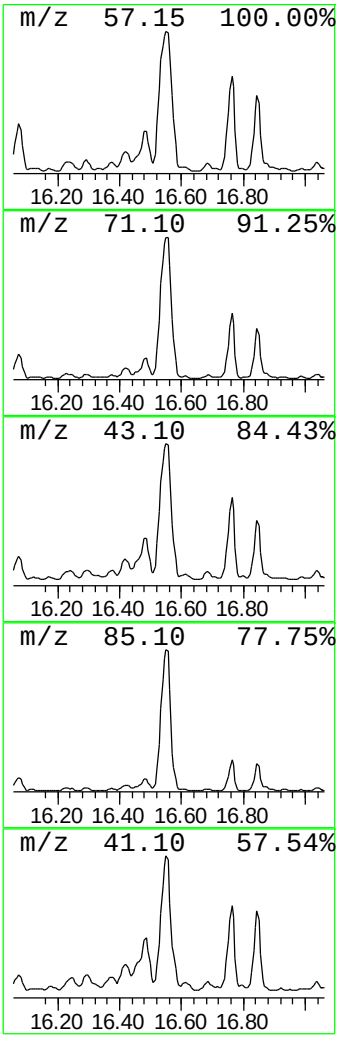
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	343.41 ng/ul	86041100	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	89
2	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	86
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64
4	1-Dodecene	168	C12H24	000112-41-4	40
5	Heptadecane	240	C17H36	000629-78-7	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

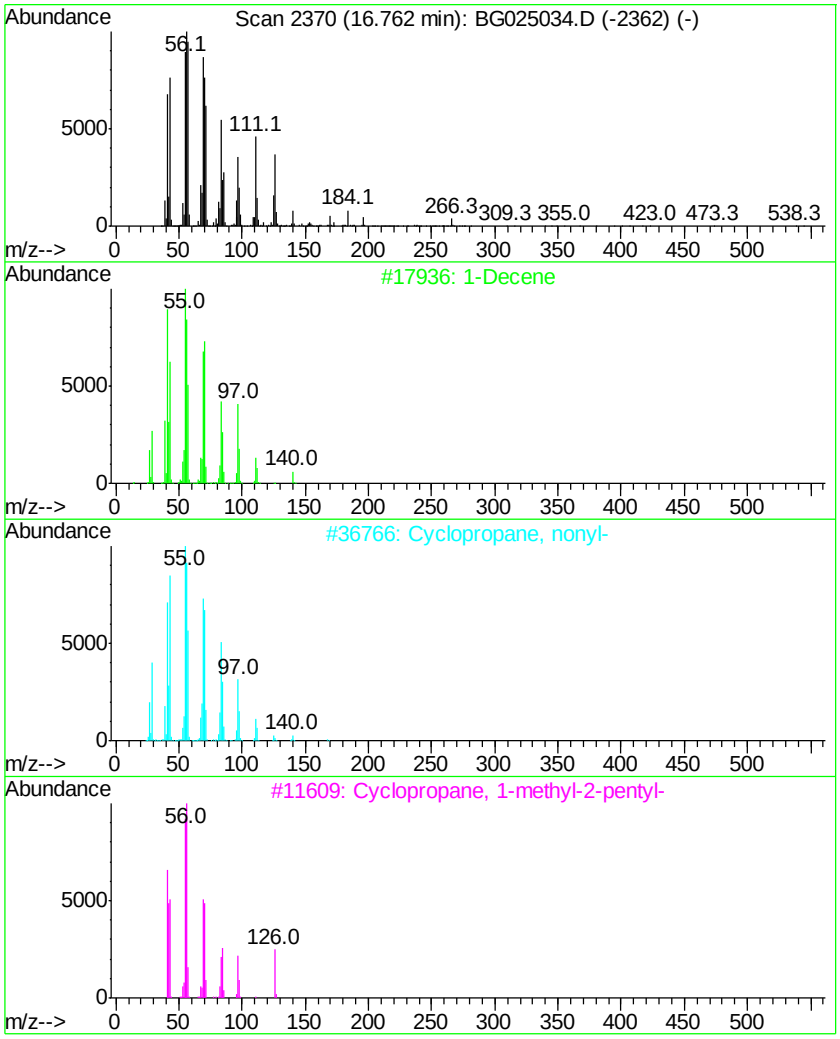
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

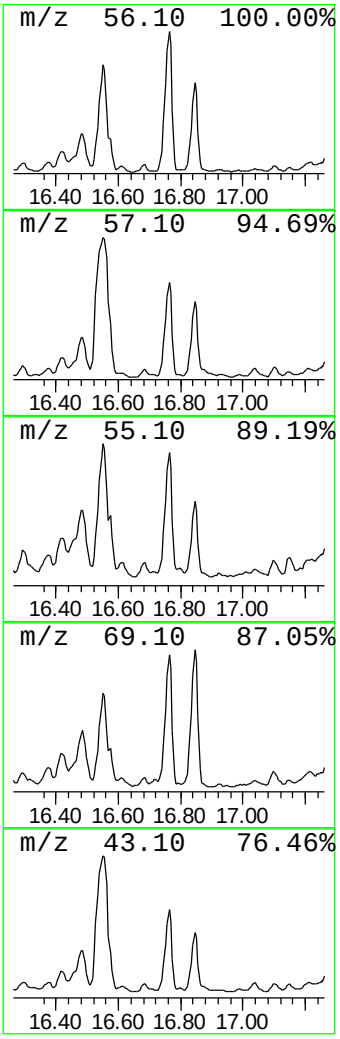
****

Peak Number 51 (DEL) Alkane: Cyclic16.76 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	147.78 ng/ul	37025400	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene	140	C10H20	000872-05-9	91
2	Cyclopropane, nonyl-	168	C12H24	074663-85-7	89
3	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	76
4	Acetic acid, 3,7,11,15-tetrameth...	340	C22H44O2	1000193-63-0	72
5	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	64





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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

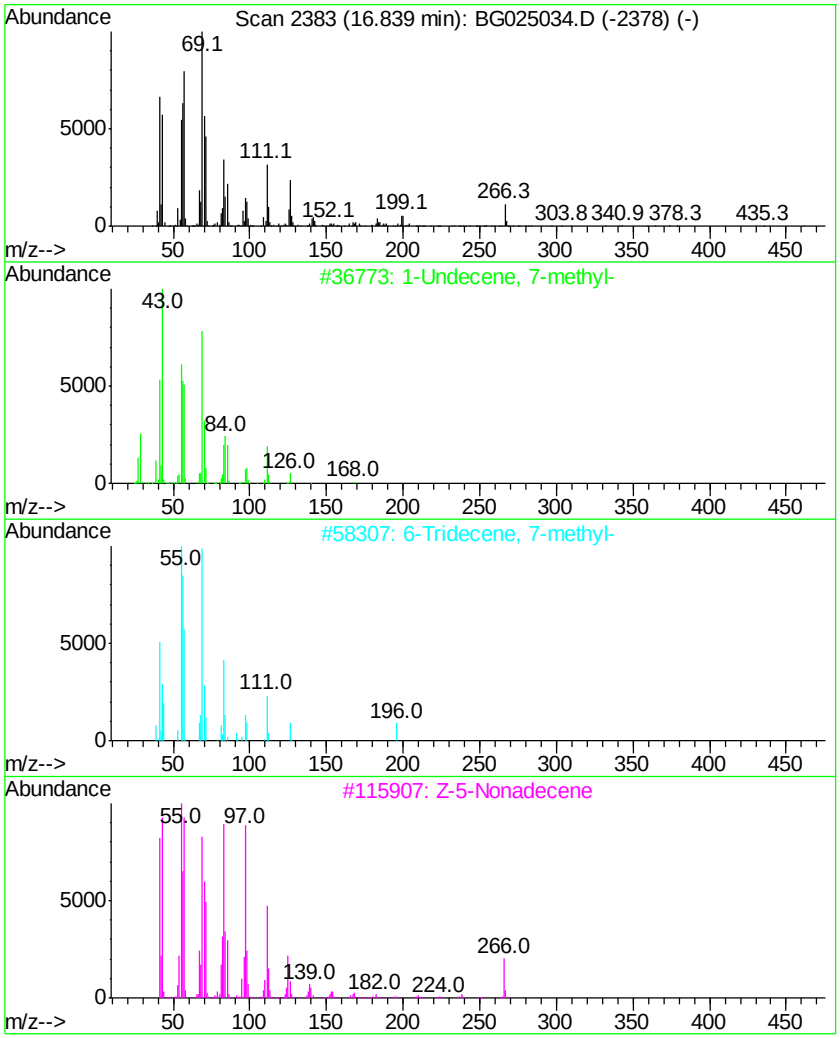
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

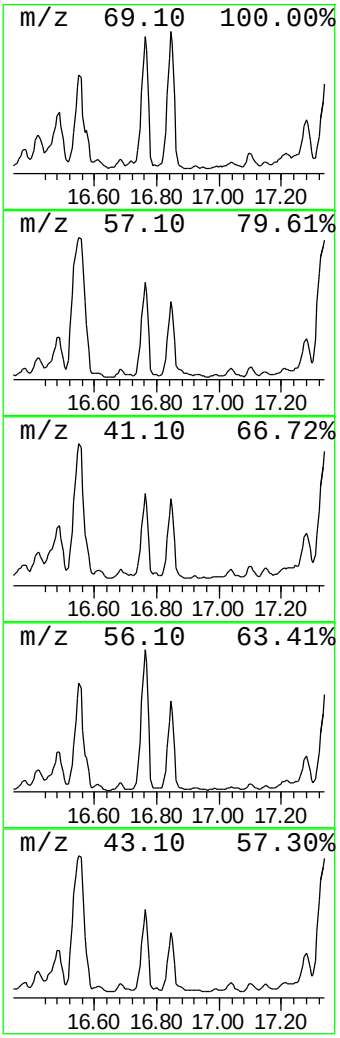
****

Peak Number 52 (DEL) Alkane: Cyclic16.84 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	93.56 ng/ul	23440900	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	70
2	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	58
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	53
4	Propanoic acid, nonyl ester	200	C12H24O2	053184-67-1	49
5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

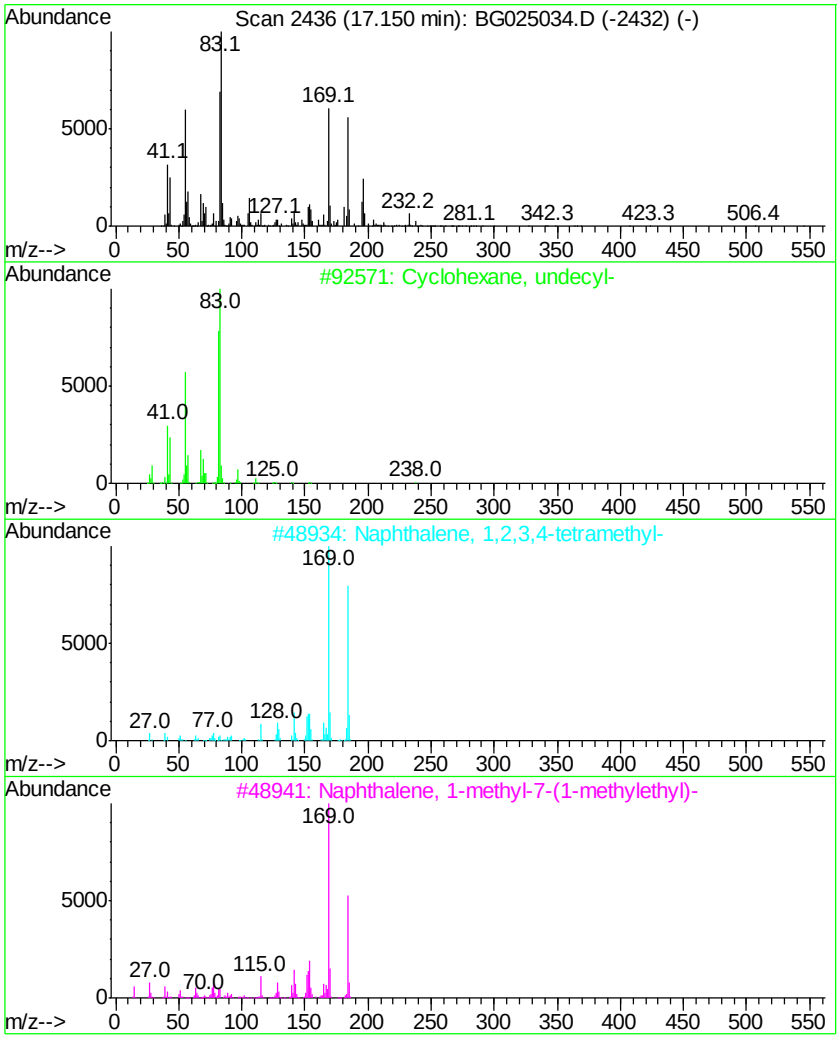
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

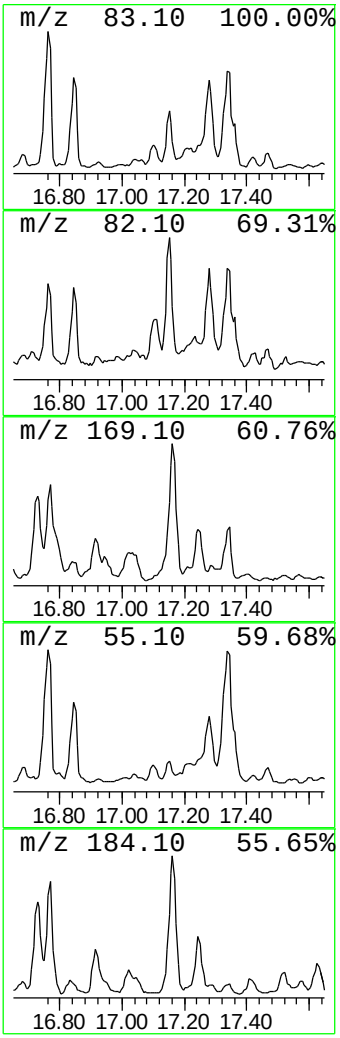
****

Peak Number 54 (DEL) Alkane: Cyclic17.15 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	17.69 ng/ul	4431500	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, undecyl-	238	C17H34	054105-66-7	84
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	55
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	51
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

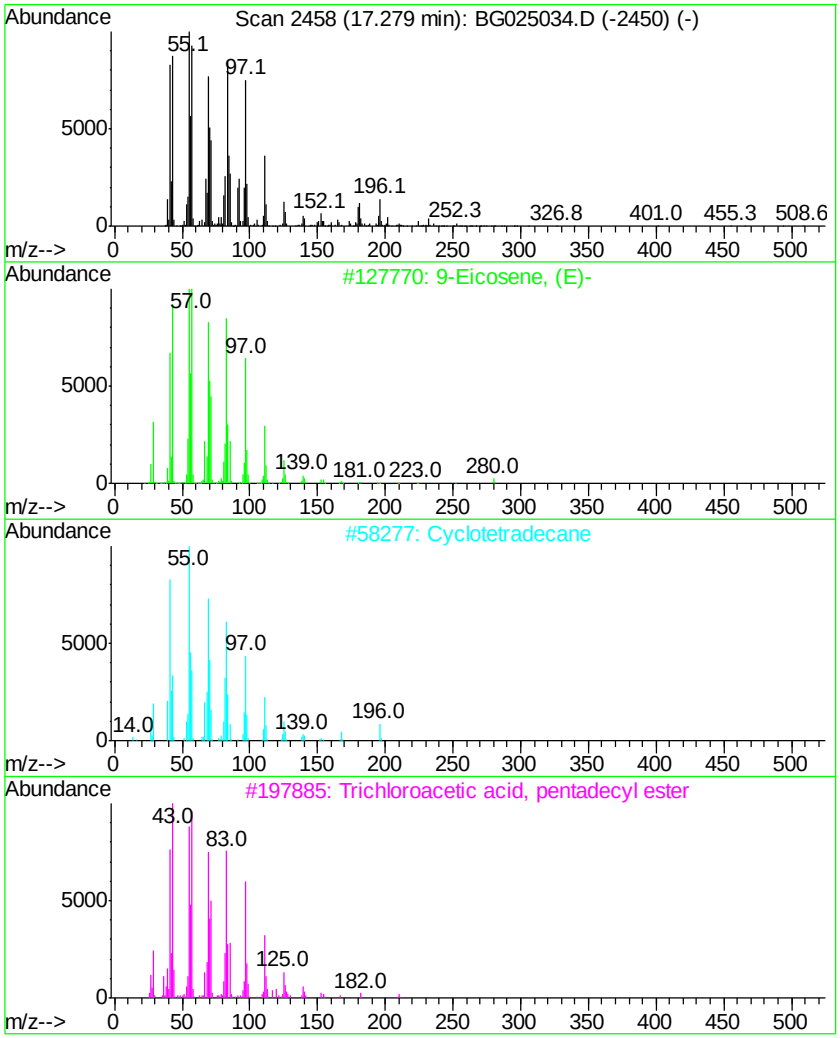
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

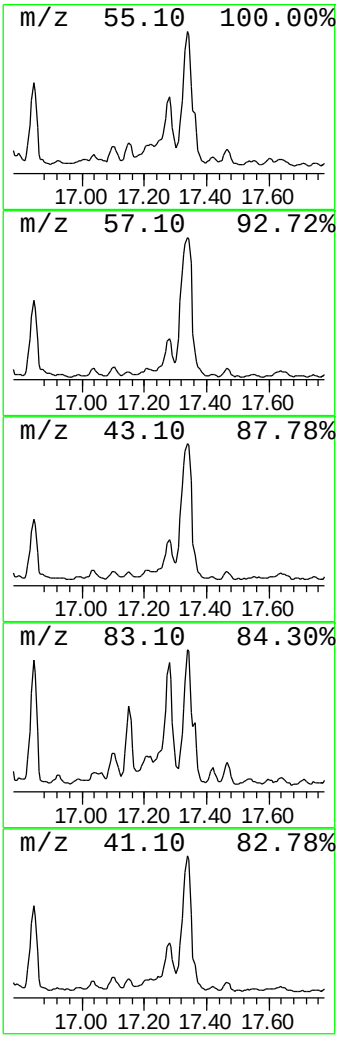
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Cyclic17.28 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	88.83 ng/ul	22257400	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	90
5	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	90





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Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

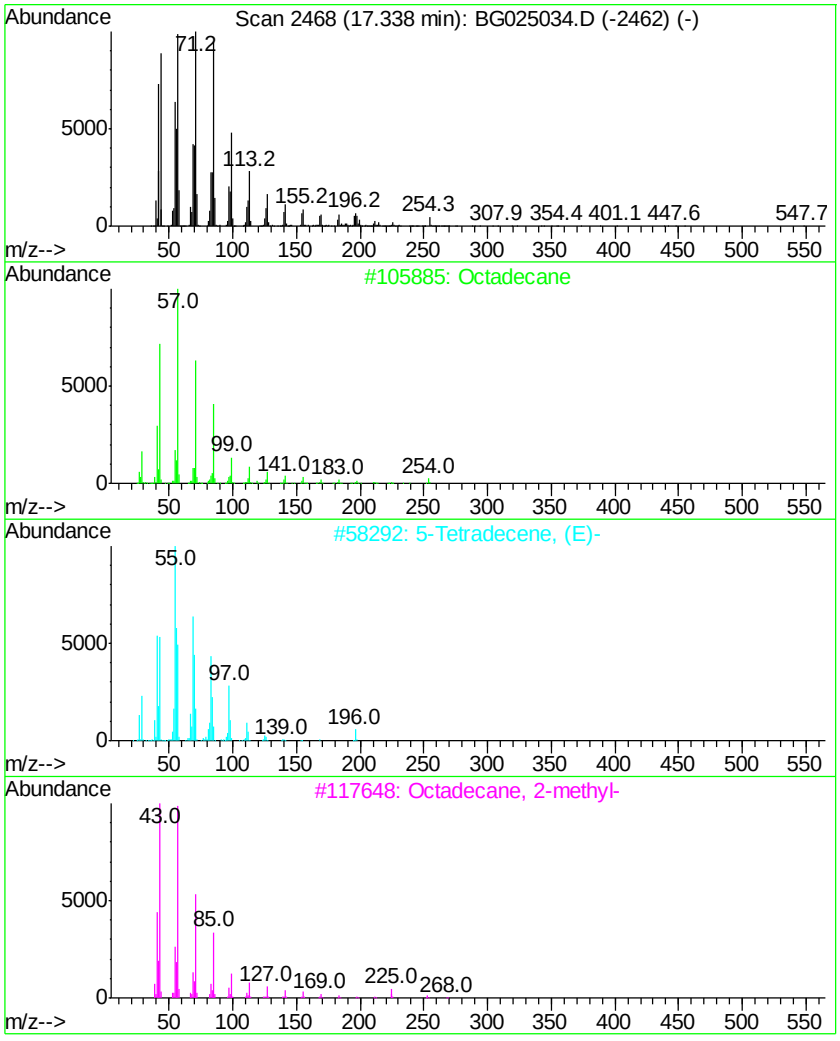
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

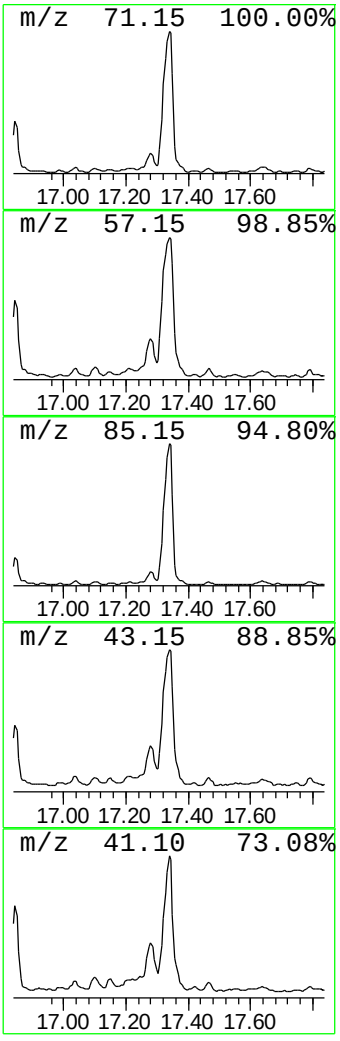
****

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	250.38 ng/ul	62734000	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	5-Tetradecene, (E)-	196	C14H28	041446-66-6	70
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	58
4	1-Dodecene	168	C12H24	000112-41-4	38
5	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

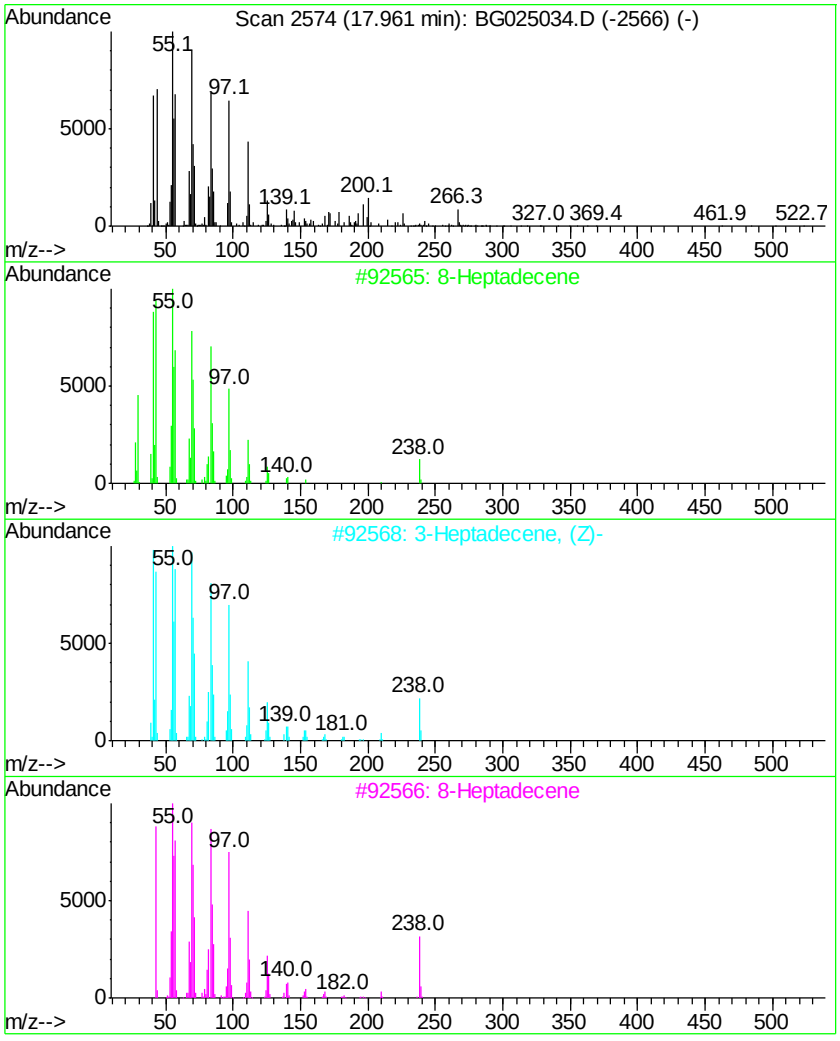
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

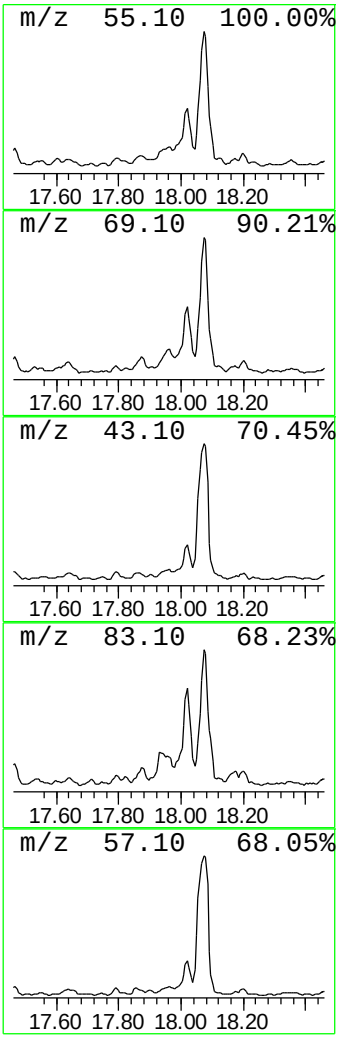
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Cyclic17.96 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	17.06 ng/ul	4275620	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Heptadecene	238	C17H34	002579-04-6	97
2	3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	97
3	8-Heptadecene	238	C17H34	002579-04-6	96
4	1-Heptadecene	238	C17H34	006765-39-5	95
5	Cyclotetradecane	196	C14H28	000295-17-0	93





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Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

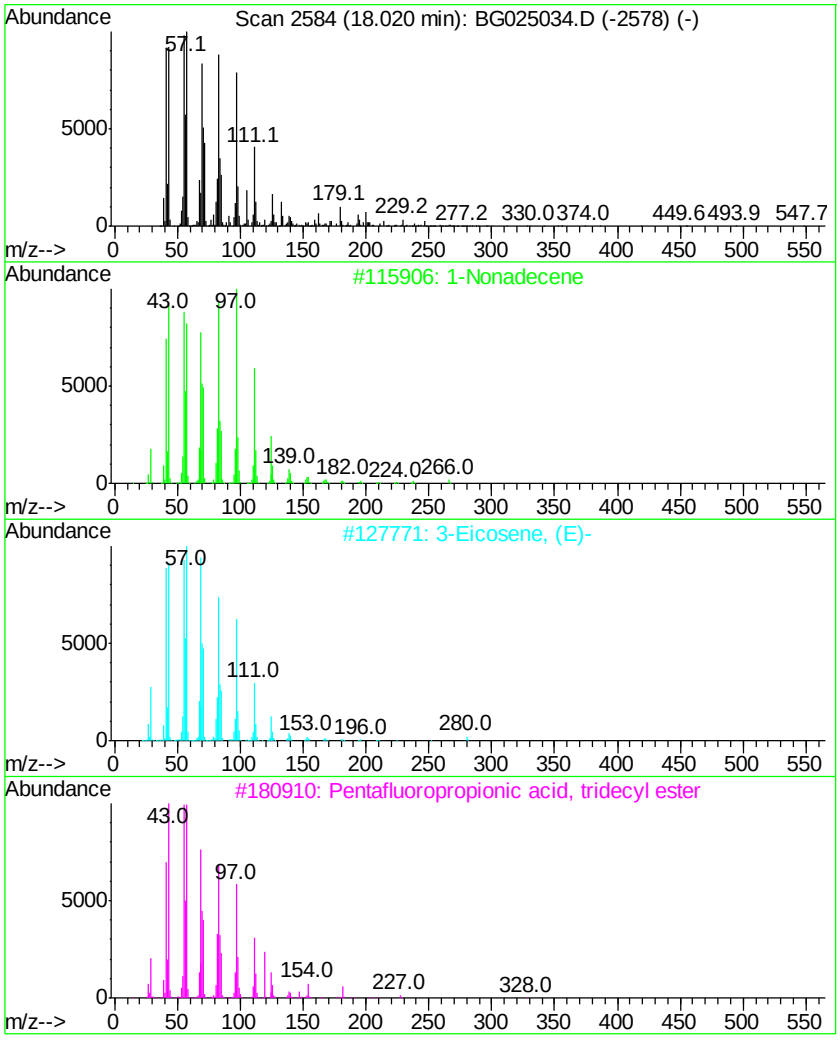
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

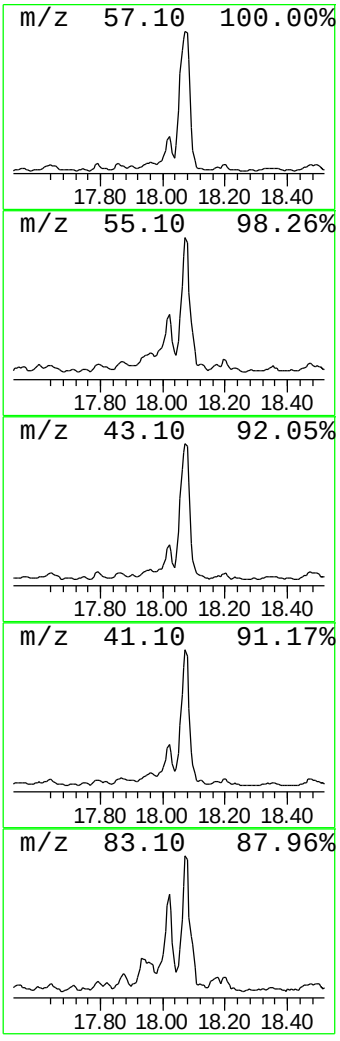
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Cyclic18.02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	59.38 ng/ul	14878200	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	94
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

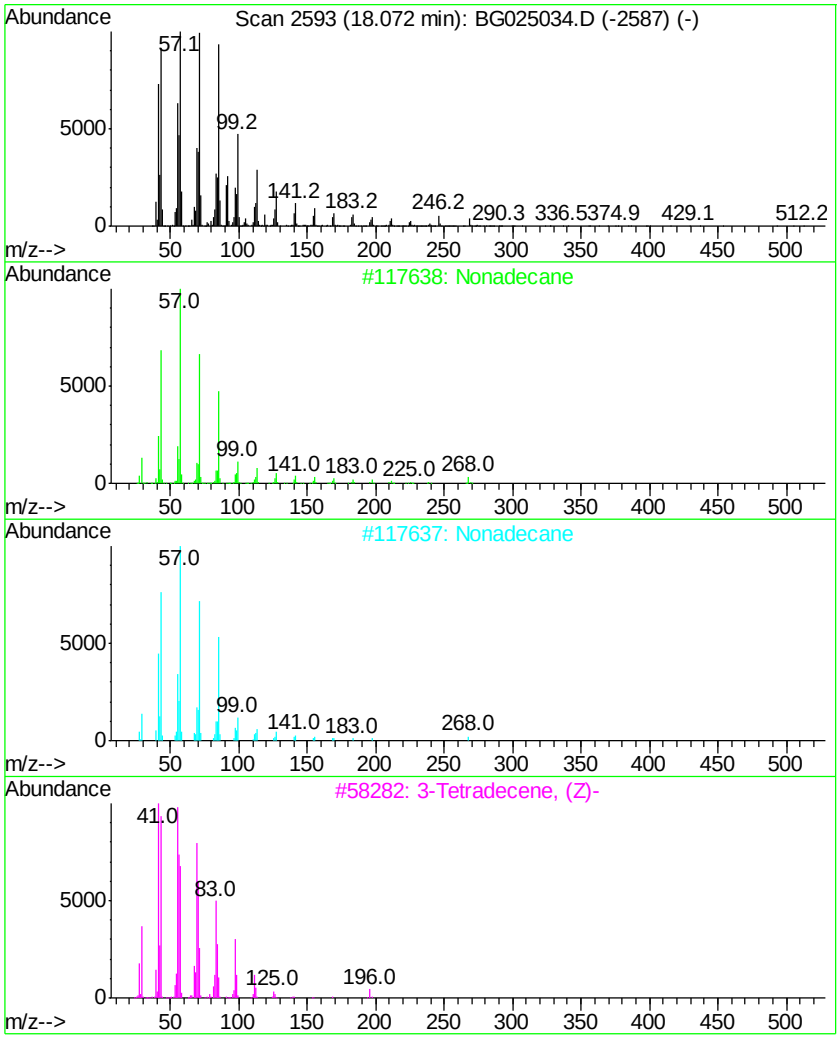
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

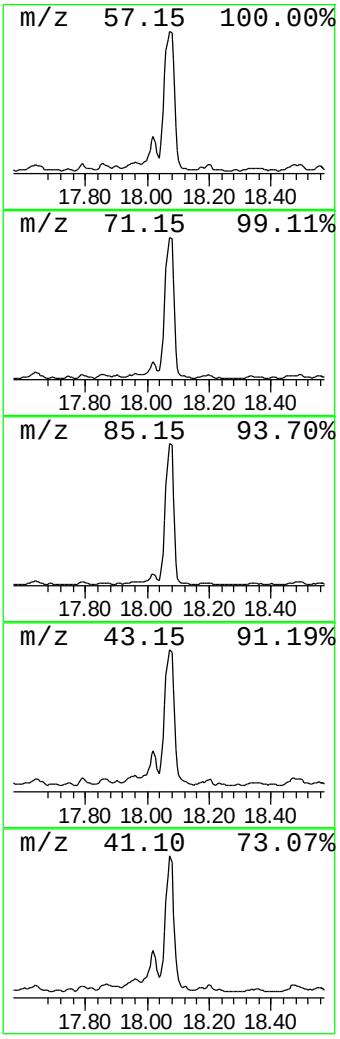
****

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	242.17 ng/ul	60676800	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	58
2	Nonadecane	268	C19H40	000629-92-5	55
3	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	53
4	Octacosane	394	C28H58	000630-02-4	52
5	Heneicosane	296	C21H44	000629-94-7	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

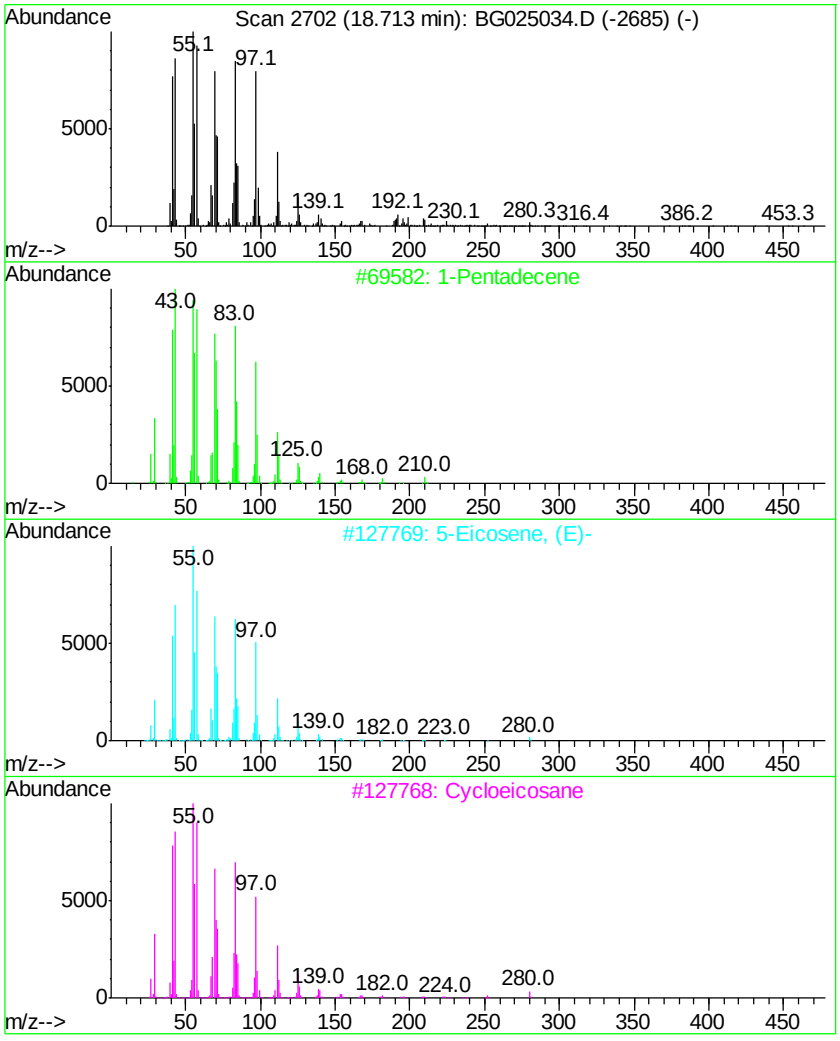
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

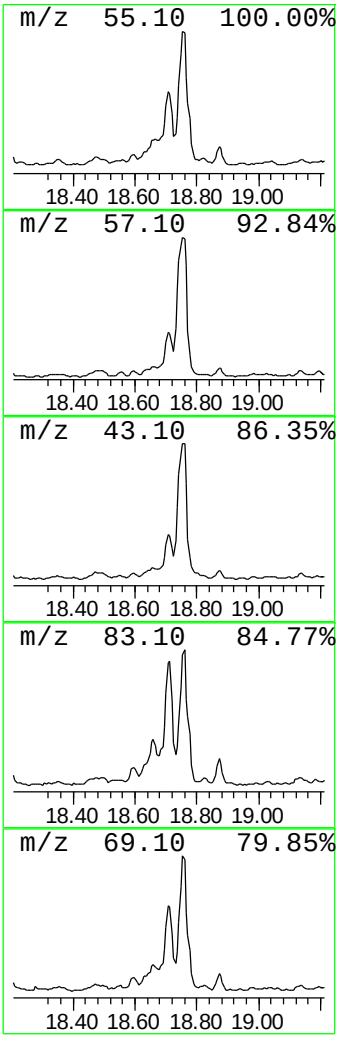
****

Peak Number 62 (DEL) Alkane: Cyclic18.71 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	105.65 ng/ul	26471400	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	97
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3	Cycloeicosane	280	C20H40	000296-56-0	95
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

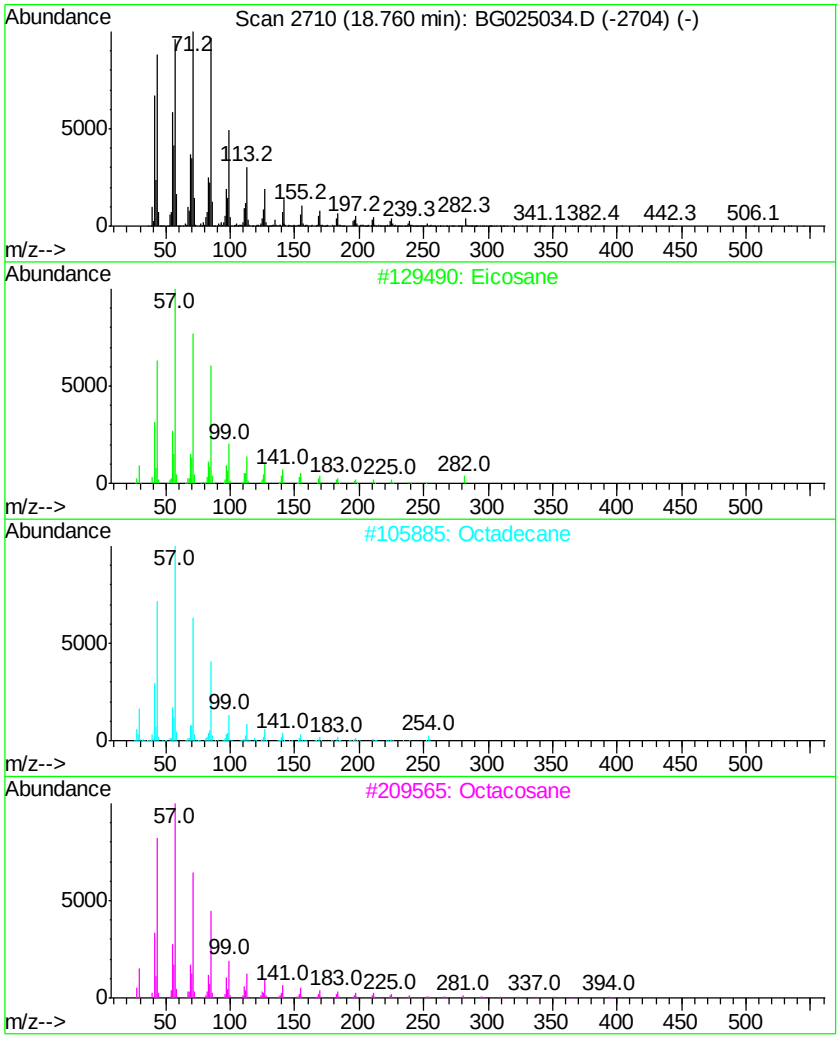
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

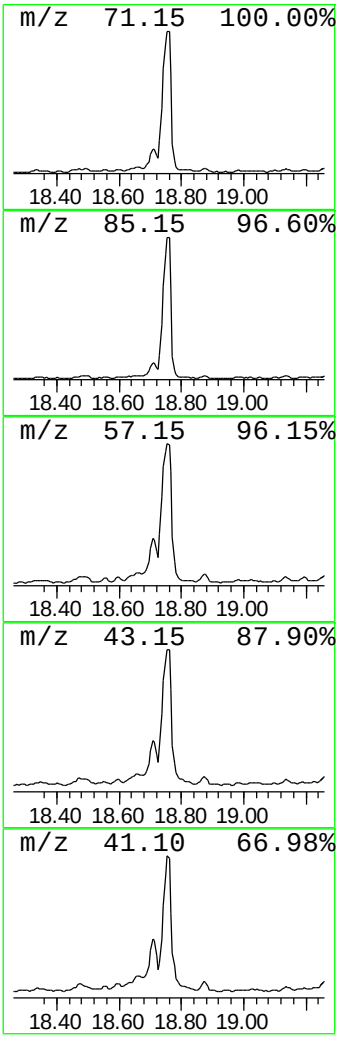
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	225.78 ng/ul	56569800	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octadecane	254	C18H38	000593-45-3	74
3	Octacosane	394	C28H58	000630-02-4	62
4	Heneicosane	296	C21H44	000629-94-7	58
5	Heptadecane	240	C17H36	000629-78-7	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

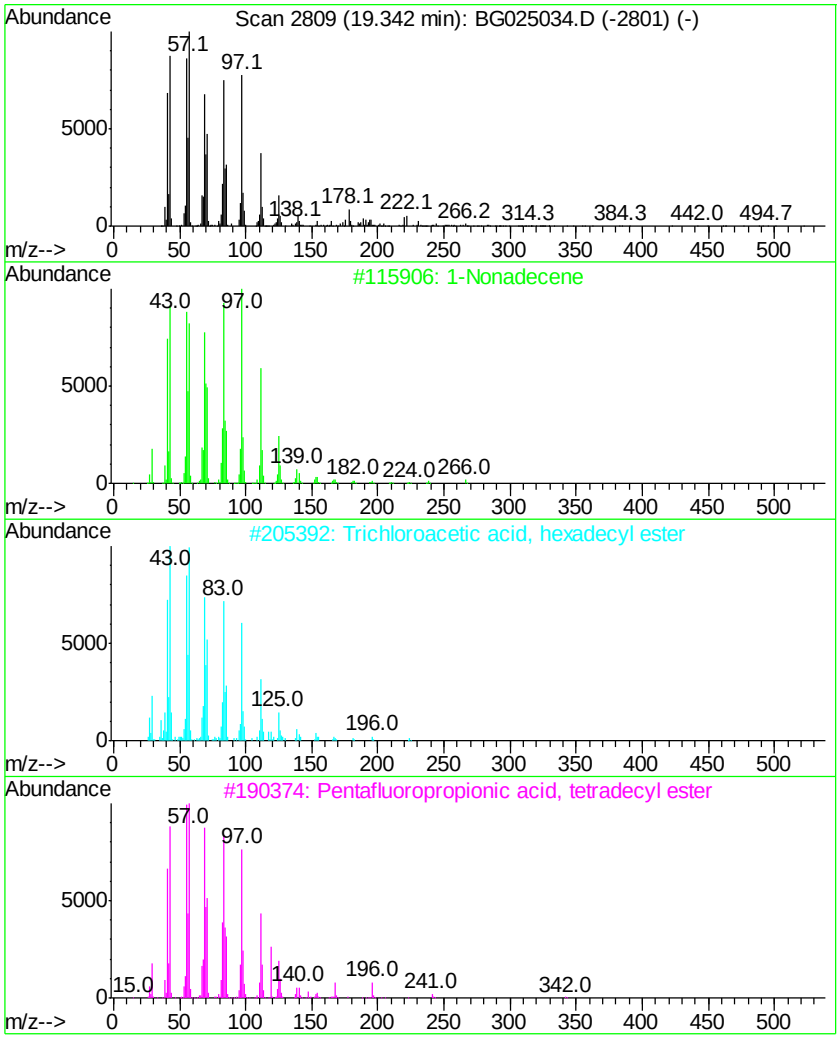
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

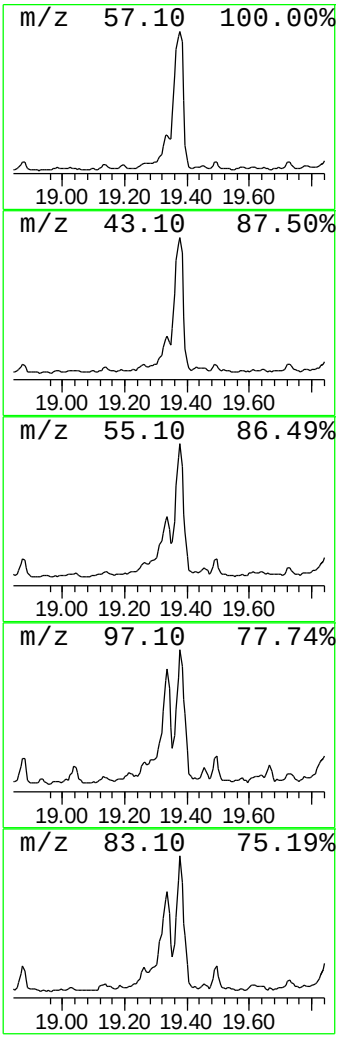
****

Peak Number 64 (DEL) Alkane: Cyclic19.34 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	41.32 ng/ul	10352300	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	91





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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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

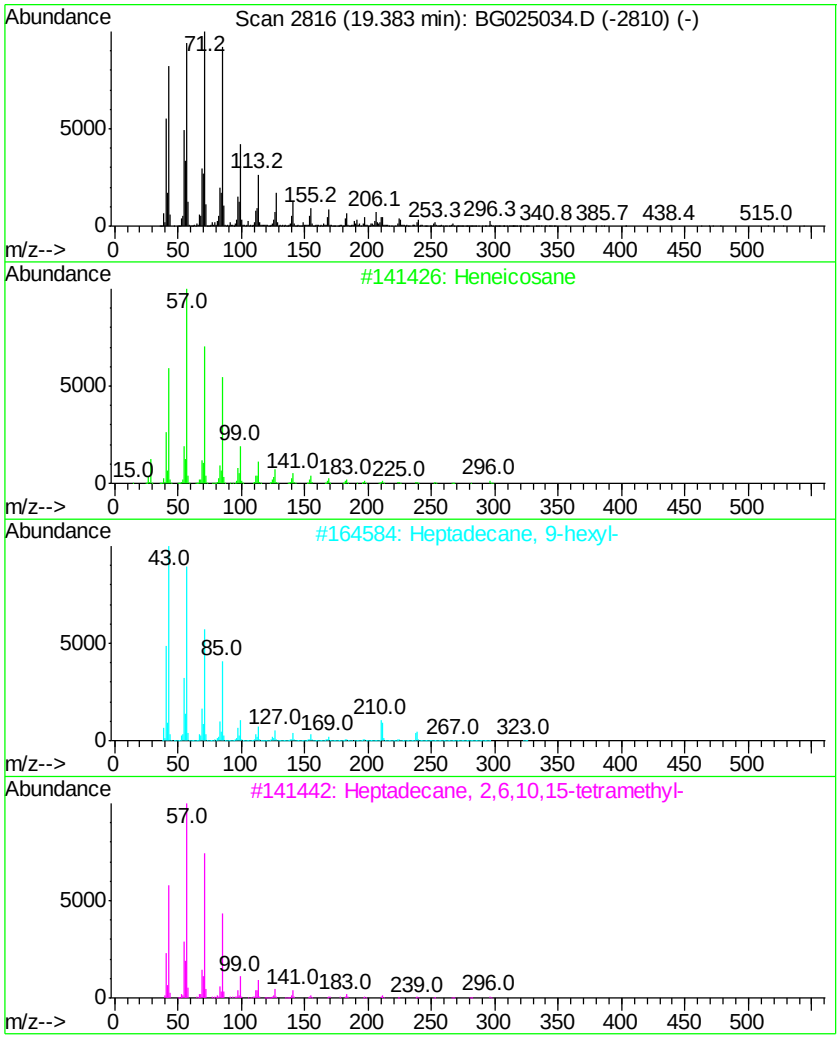
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

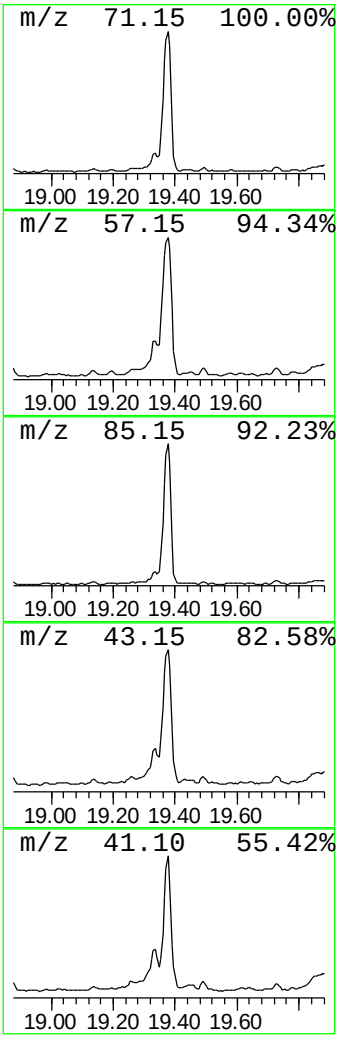
****

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	181.96 ng/ul	45590900	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	62
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	55
4	Hentriacontane	437	C31H64	000630-04-6	49
5	Triacontane	422	C30H62	000638-68-6	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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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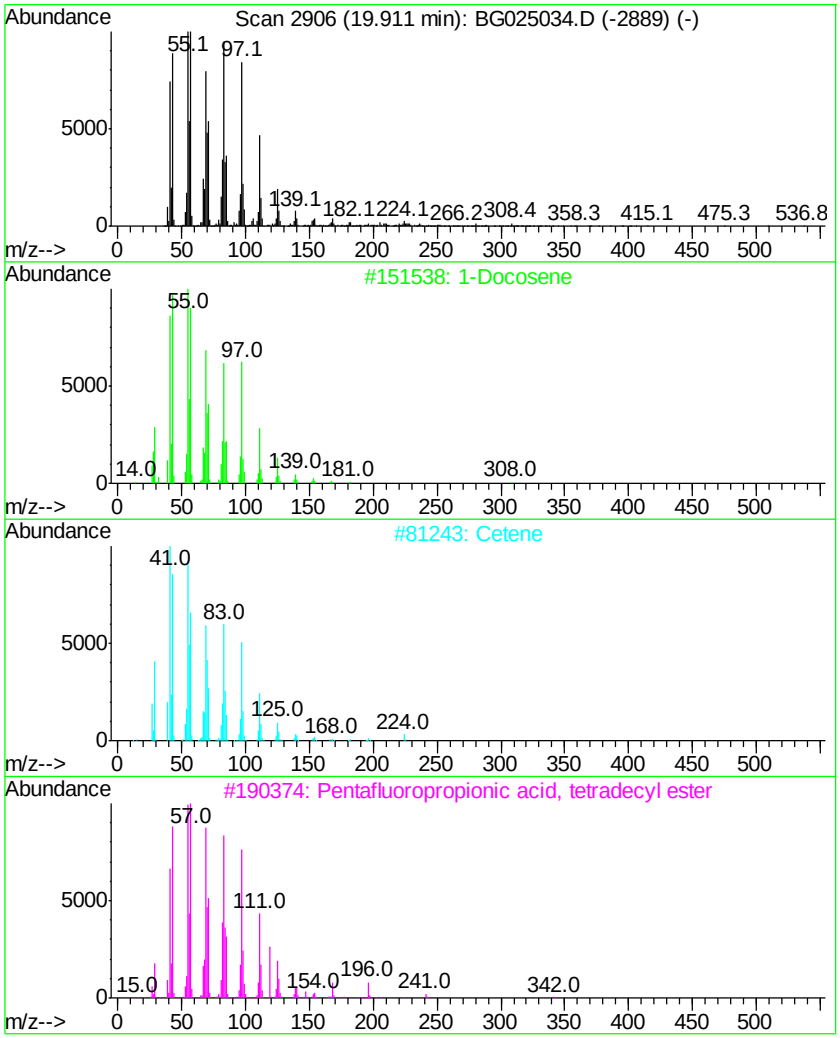
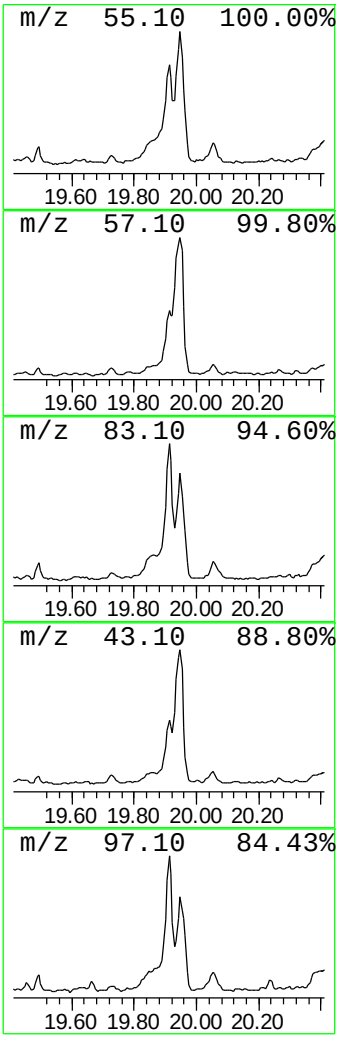
Peak Number 66 (DEL) Alkane: Cyclic19.91 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	29.45 ng/ul	32109900	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	98
2	Cetene	224	C16H32	000629-73-2	97
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94





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Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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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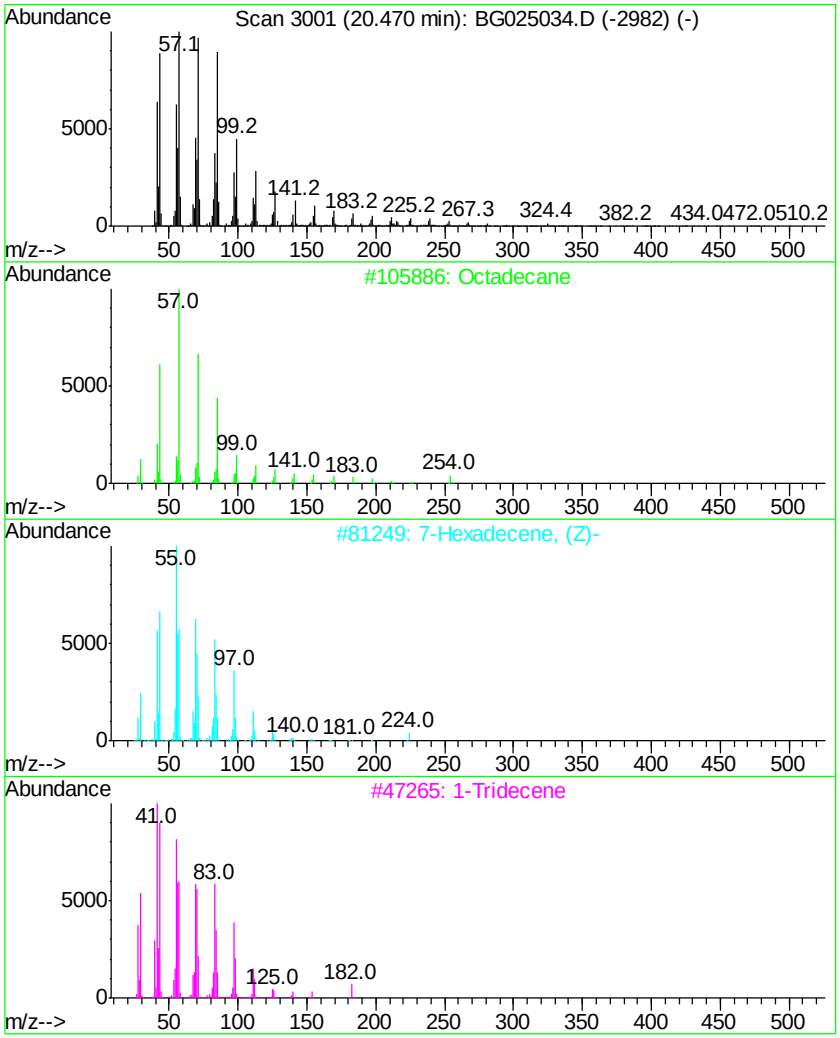
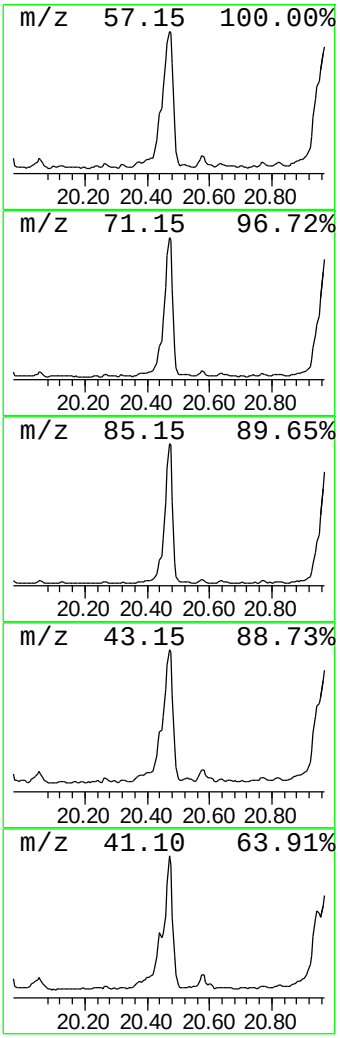
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	63.69 ng/ul	69450600	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	91
3	1-Tridecene	182	C13H26	002437-56-1	90
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
5	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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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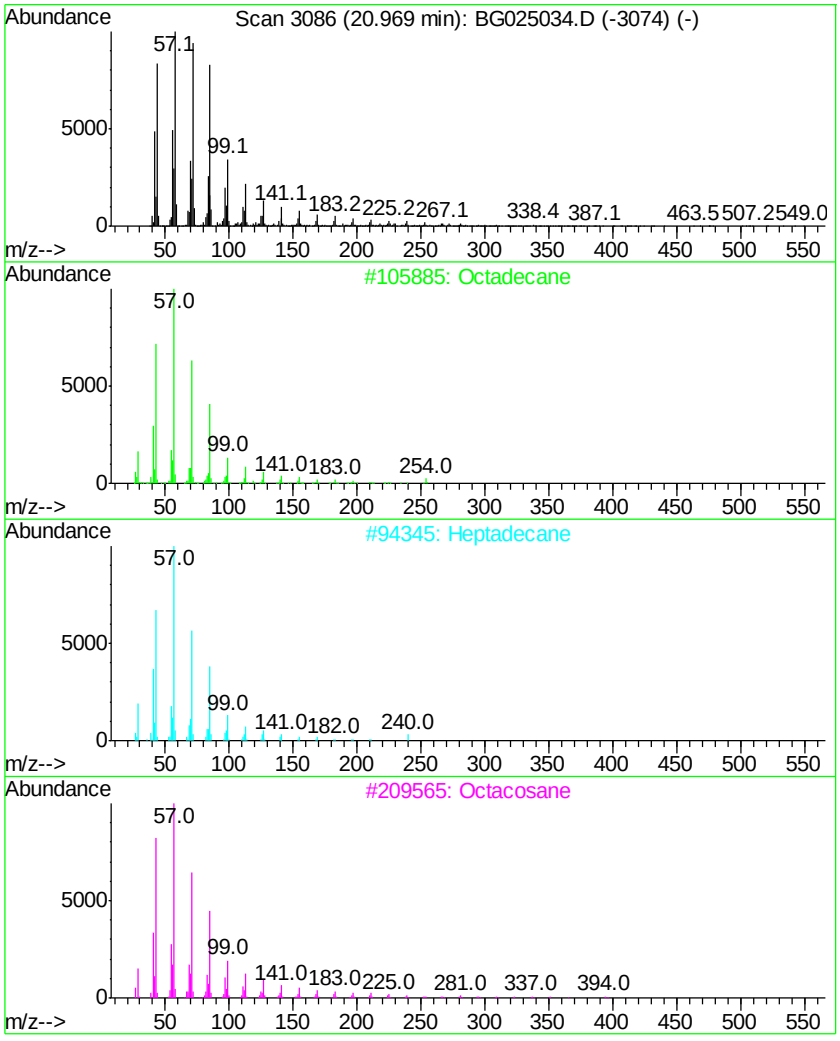
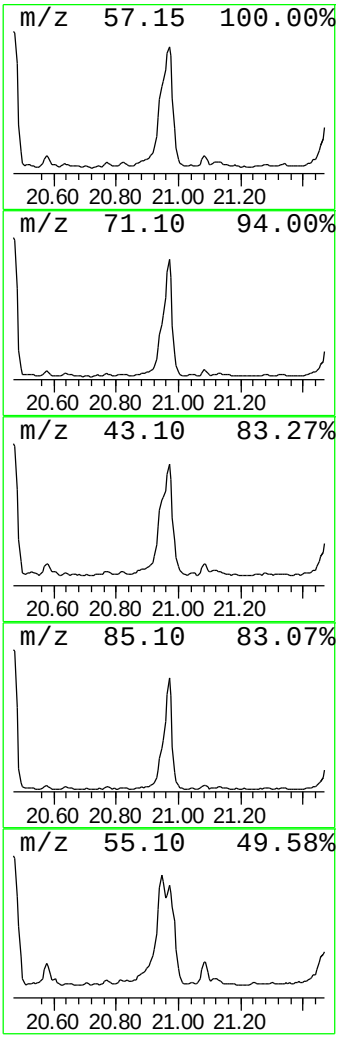
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	62.83 ng/ul	68509200	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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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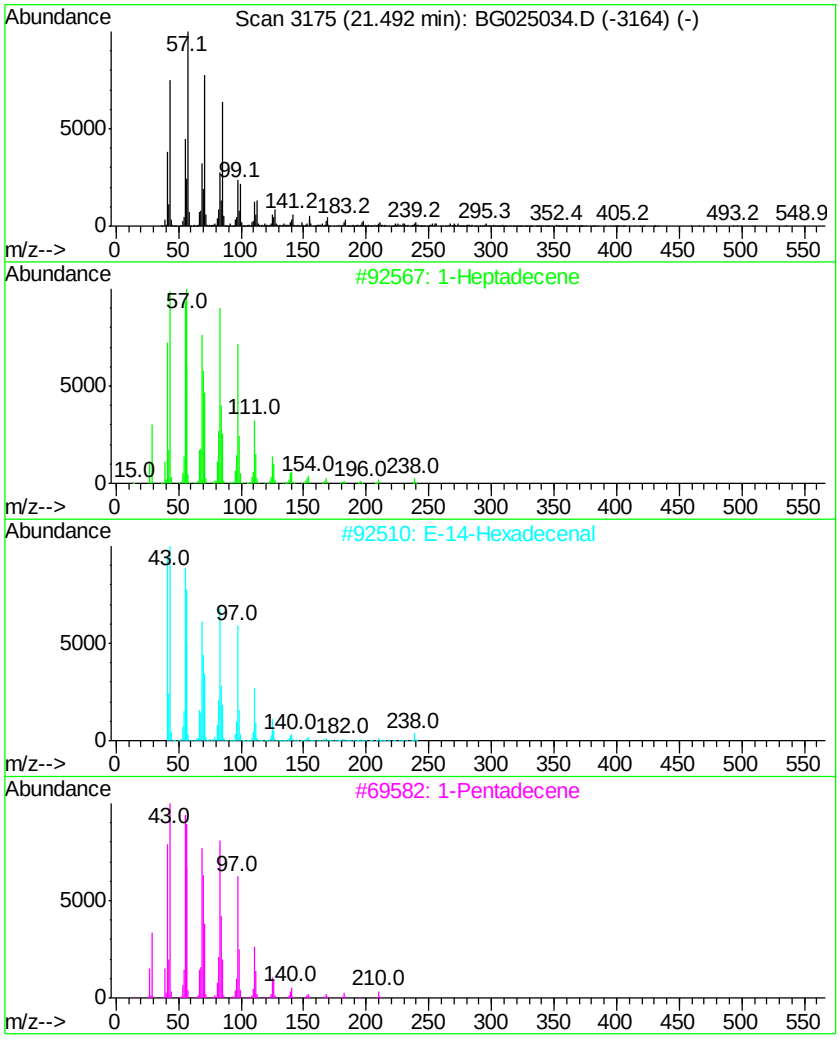
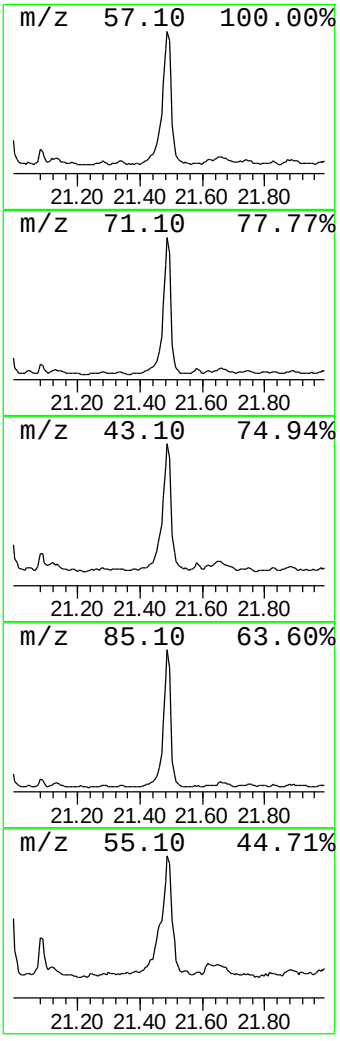
Peak Number 70 (DEL) Alkane: Cyclic21.49 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	29.60 ng/ul	32275200	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	94
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	93
3	1-Pentadecene	210	C15H30	013360-61-7	93
4	Heptadecane	240	C17H36	000629-78-7	93
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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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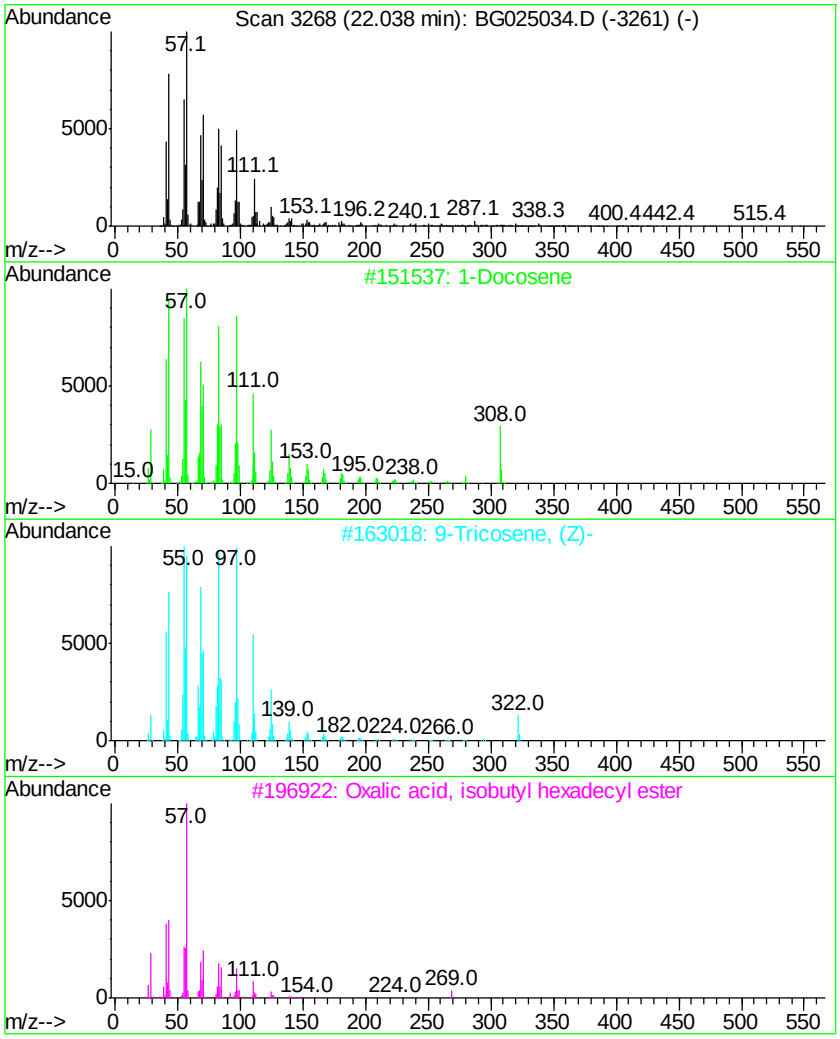
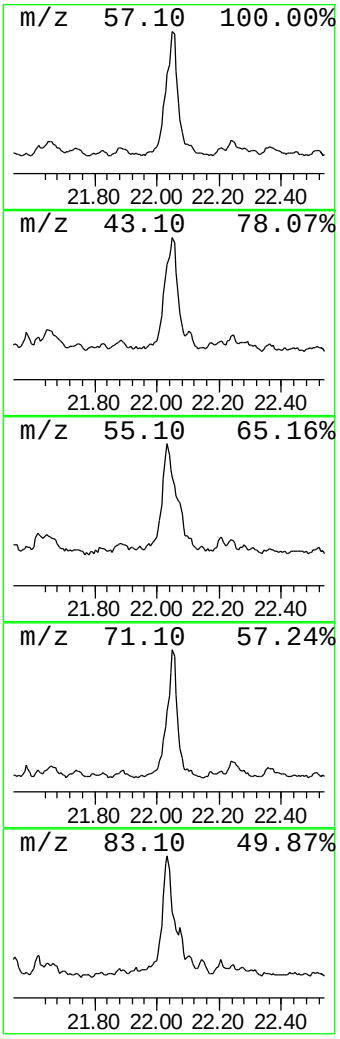
Peak Number 71 (DEL) Alkane: Cyclic22.04 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	20.00 ng/ul	21808600	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	92
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	2-Octyldodecyl butyrate	368	C24H48O2	1000368-55-2	86
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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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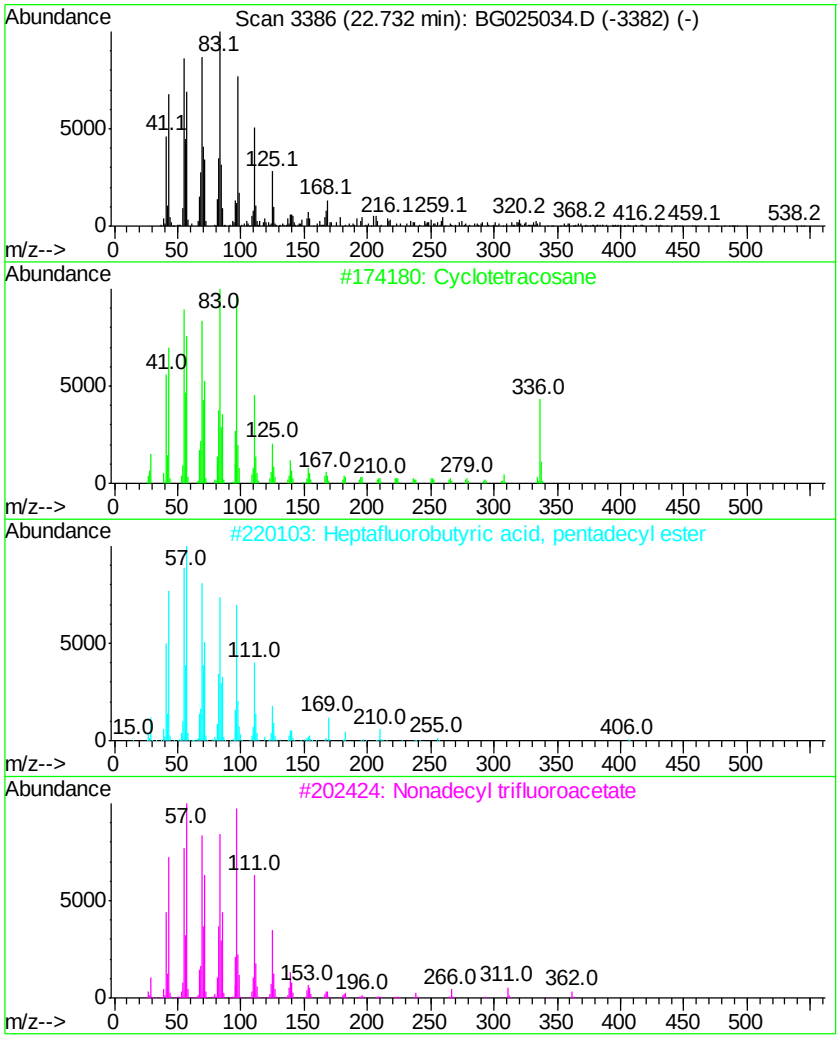
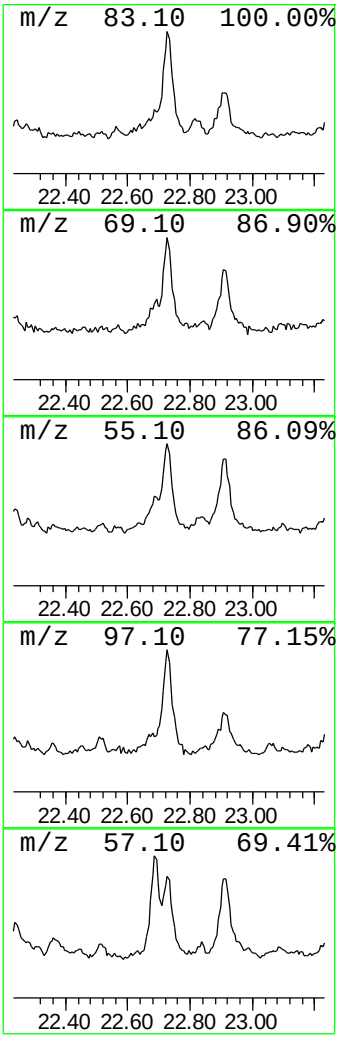
Peak Number 72 (DEL) Alkane: Cyclic22.73 Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	4.49 ng/ul	4898850	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	91
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
4	Octacosanol	410	C28H58O	000557-61-9	89
5	4-Undecene, 4-methyl-	168	C12H24	061142-40-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
Data File : BG025034.D
Acq On : 9 Dec 2016 11:29
Operator : UM/SJ
Sample : H5863-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1

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, 1,2,3-tr...	7.88	20.0	ng/ul	5312420	1	8.25	5312420	20.0
Benzene, 1,2-diet...	8.87	15.7	ng/ul	4164890	1	8.25	5312420	20.0
o-Cymene	9.35	20.3	ng/ul	5400050	1	8.25	5312420	20.0
Phenol, 2,6-dimet...	9.68	24.3	ng/ul	5378430	2	11.08	4423960	20.0
Benzofuran, 7-met...	9.73	21.6	ng/ul	4766000	2	11.08	4423960	20.0
Benzofuran, 2-met...	9.80	38.5	ng/ul	8521760	2	11.08	4423960	20.0
Phenol, 2-ethyl-6...	10.89	30.6	ng/ul	6762060	2	11.08	4423960	20.0
(DEL) Alkane: Str...	11.00	45.3	ng/ul	10019600	2	11.08	4423960	20.0
unknown-01	11.27	18.5	ng/ul	4086230	2	11.08	4423960	20.0
1H-Benzimidazole,...	11.32	62.5	ng/ul	13827700	2	11.08	4423960	20.0
Cinnoline, 1,2-di...	11.44	48.1	ng/ul	10640600	2	11.08	4423960	20.0
1H-Pyrazole, 4,5-...	11.49	82.3	ng/ul	18201200	2	11.08	4423960	20.0
3,4-Dimethylanisole	11.66	23.8	ng/ul	5257340	2	11.08	4423960	20.0
unknown-02	12.11	37.0	ng/ul	8194900	2	11.08	4423960	20.0
(DEL) Alkane: Cyc...	12.34	19.4	ng/ul	4293550	2	11.08	4423960	20.0
(DEL) Alkane: Str...	12.44	66.9	ng/ul	14806700	2	11.08	4423960	20.0
1H-Inden-1-one, 2...	12.60	20.7	ng/ul	4586090	2	11.08	4423960	20.0
unknown-03	12.86	24.3	ng/ul	5384680	2	11.08	4423960	20.0
unknown-04	12.89	29.7	ng/ul	6567710	2	11.08	4423960	20.0
2,5,6-Trimethylbe...	13.03	6.4	ng/ul	7449450	3	14.88	23431100	20.0
Benzene, 1-(2-but...	13.11	10.3	ng/ul	12102100	3	14.88	23431100	20.0
5-Methyl-1-phenyl...	13.37	4.7	ng/ul	5557750	3	14.88	23431100	20.0
1-Methyl-2-n-hexy...	13.41	5.7	ng/ul	6720900	3	14.88	23431100	20.0
Crotonophenone, 2...	13.48	4.0	ng/ul	4702130	3	14.88	23431100	20.0
(DEL) Alkane: Cyc...	13.58	10.3	ng/ul	12024000	3	14.88	23431100	20.0
unknown-05	13.94	5.1	ng/ul	5993540	3	14.88	23431100	20.0
Naphthalene, 2,6-...	14.04	4.6	ng/ul	5397040	3	14.88	23431100	20.0
Benzimidazole, 4,...	14.07	5.4	ng/ul	6302620	3	14.88	23431100	20.0
(DEL) Alkane: Cyc...	14.66	13.5	ng/ul	15770800	3	14.88	23431100	20.0
(DEL) Alkane: Str...	14.75	35.7	ng/ul	41854400	3	14.88	23431100	20.0
unknown-06	14.78	5.0	ng/ul	5836570	3	14.88	23431100	20.0
(DEL) Alkane: Str...	15.69	52.8	ng/ul	61823600	3	14.88	23431100	20.0
(DEL) Alkane: Str...	16.07	6.4	ng/ul	7482820	3	14.88	23431100	20.0
(DEL) Alkane: Cyc...	16.29	27.5	ng/ul	6880470	4	17.63	5011050	20.0
(DEL) Alkane: Cyc...	16.37	19.6	ng/ul	4919260	4	17.63	5011050	20.0
(DEL) Alkane: Cyc...	16.42	37.5	ng/ul	9394180	4	17.63	5011050	20.0
(DEL) Alkane: Cyc...	16.49	109.7	ng/ul	27472300	4	17.63	5011050	20.0
(DEL) Alkane: Str...	16.56	343.4	ng/ul	86041100	4	17.63	5011050	20.0
(DEL) Alkane: Cyc...	16.76	147.8	ng/ul	37025400	4	17.63	5011050	20.0
(DEL) Alkane: Cyc...	16.84	93.6	ng/ul	23440900	4	17.63	5011050	20.0
(DEL) Alkane: Cyc...	17.15	17.7	ng/ul	4431500	4	17.63	5011050	20.0
(DEL) Alkane: Cyc...	17.28	88.8	ng/ul	22257400	4	17.63	5011050	20.0
(DEL) Alkane: Str...	17.34	250.4	ng/ul	62734000	4	17.63	5011050	20.0
(DEL) Alkane: Cyc...	17.96	17.1	ng/ul	4275620	4	17.63	5011050	20.0
(DEL) Alkane: Cyc...	18.02	59.4	ng/ul	14878200	4	17.63	5011050	20.0
(DEL) Alkane: Str...	18.07	242.2	ng/ul	60676800	4	17.63	5011050	20.0
(DEL) Alkane: Cyc...	18.71	105.7	ng/ul	26471400	4	17.63	5011050	20.0
(DEL) Alkane: Str...	18.76	225.8	ng/ul	56569800	4	17.63	5011050	20.0
(DEL) Alkane: Cyc...	19.34	41.3	ng/ul	10352300	4	17.63	5011050	20.0

(DEL) Alkane: Str...	19.38	182.0	ng/ul	45590900	4	17.63	5011050	20.0	
(DEL) Alkane: Cyc...	19.91	29.4	ng/ul	32109900	5	21.92	21808600	20.0	
(DEL) Alkane: Str...	20.47	63.7	ng/ul	69450600	5	21.92	21808600	20.0	
(DEL) Alkane: Str...	20.97	62.8	ng/ul	68509200	5	21.92	21808600	20.0	
(DEL) Alkane: Cyc...	21.49	29.6	ng/ul	32275200	5	21.92	21808600	20.0	
(DEL) Alkane: Cyc...	22.04	20.0	ng/ul	21808600	5	21.92	21808600	20.0	
(DEL) Alkane: Cyc...	22.73	4.5	ng/ul	4898850	5	21.92	21808600	20.0	

Instrument :
BNA_G
ClientSampleId :
DA7Y1