LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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	5.843	506	511	524	rVB2	153197	382038	10.98%	0.332%
2	7.382	765	773	780	rBV3	342754	747929	21.50%	0.651%
3	7.558	795	803	808	rBV	205135	367835	10.57%	0.320%
4	7.764	832	838	844	rBV2	284357	512053	14.72%	0.446%
5	7.876	852	857	866	rVV	248818	426661	12.26%	0.371%
6	8.240	913	919	928	rVB2	292111	557203	16.02%	0.485%
7	8.933	1032	1037	1046	rVB2	389854	715027	20.55%	0.622%
8	9.421	1113	1120	1129	rVB3	346879	819020	23.54%	0.713%
9	9.603	1142	1151	1158	rVB	155986	304784	8.76%	0.265%
10	9.721	1158	1171	1177	rBV3	364223	902768	25.95%	0.786%
11	9.791	1177	1183	1192	rVB	855437	1529810	43.97%	1.331%
12	10.144	1228	1243	1253	rBV2	281094	634102	18.23%	0.552%
13	10.473	1289	1299	1309	rBV8	265707	947580	27.24%	0.825%
14	10.572	1309	1316	1321	rBV3	147261	299059	8.60%	0.260%
15	10.684	1329	1335	1343	rBV4	476358	947616	27.24%	0.825%
16	11.072	1394	1401	1404	rBV2	378303	675085	19.40%	0.587%
17	11.119	1404	1409	1415	rVB	729689	1312305	37.72%	1.142%
18	11.207	1419	1424	1435	rBV3	291843	820166	23.57%	0.714%
19	11.301	1435	1440	1454	rVB2	527446	1734424	49.85%	1.509%
20	11.430	1454	1462	1464	rBV2	704538	1169505	33.61%	1.018%
21	11.471	1464	1469	1475	rVV	1452480	2729768	78.46%	2.376%
22	11.536	1475	1480	1486	rVB	459052	778900	22.39%	0.678%
23	11.824	1523	1529	1533	rBV	165046	304917	8.76%	0.265%
24	12.265	1600	1604	1610	rVB	352759	591348	17.00%	0.515%
25	12.370	1618	1622	1627	rVV	183698	326932	9.40%	0.285%
26	12.423	1627	1631	1637	rVB2	386319	618998	17.79%	0.539%
27	12.523	1643	1648	1653	rBV2	131476	316089	9.08%	0.275%
28	12.588	1653	1659	1661	rBV2	302048	505584	14.53%	0.440%
29	12.705	1673	1679	1683	rBV	1995669	3479248	100.00%	3.028%
30	12.746	1684	1686	1690	rVV	706201	848275	24.38%	0.738%
31	12.788	1690	1693	1696	rVV2	192703	320321	9.21%	0.279%
32	12.870	1697	1707	1711	rVV3	707848	2417809	69.49%	2.104%
33	12.923	1711	1716	1723	rVB	1355725	2255904	64.84%	1.963%
34	13.011	1724	1731	1741	rBV2	634877	1526868	43.89%	1.329%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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	13.099	1741	1746	1758	rBV5	439900	1011621	29.08%	0.880%
36	13.211	1760	1765	1770	rBV6	285807	481591	13.84%	0.419%
37	13.269	1770	1775	1779	rBV4	332908	655085	18.83%	0.570%
38	13.404	1794	1798	1802	rVB2	241861	361873	10.40%	0.315%
39	13.457	1802	1807	1816	rBV7	214223	500041	14.37%	0.435%
40	13.534	1816	1820	1822	rBV	354191	490863	14.11%	0.427%
41	13.569	1822	1826	1833	rVB5	463738	1164594	33.47%	1.013%
42	13.645	1833	1839	1844	rBV6	743754	1182325	33.98%	1.029%
43	13.698	1844	1848	1852	rVB	390342	489884	14.08%	0.426%
44	13.739	1852	1855	1861	rVB5	183971	337051	9.69%	0.293%
45	13.816	1861	1868	1875	rBV2	329385	1092630	31.40%	0.951%
46	13.892	1877	1881	1890	rVB4	485221	1181248	33.95%	1.028%
47	14.015	1897	1902	1905	rBV4	645953	1247664	35.86%	1.086%
48	14.186	1919	1931	1935	rBV2	1098532	2618585	75.26%	2.279%
49	14.239	1935	1940	1947	rVB2	1222863	2809683	80.76%	2.445%
50	14.421	1964	1971	1975	rBV3	393801	785846	22.59%	0.684%
51	14.503	1981	1985	1988	rVB3	378048	498367	14.32%	0.434%
52	14.562	1988	1995	2003	rBV3	1081902	2726917	78.38%	2.373%
53	14.638	2004	2008	2013	rVB	582692	772920	22.22%	0.673%
54	14.709	2016	2020	2025	rVB	1225646	1621349	46.60%	1.411%
55	14.820	2035	2039	2043	rBV2	1065940	1617212	46.48%	1.407%
56	14.862	2043	2046	2050	rVV	455238	760929	21.87%	0.662%
57	14.903	2051	2053	2061	rVB6	592646	839133	24.12%	0.730%
58	15.050	2073	2078	2081	rBV4	505706	766571	22.03%	0.667%
59	15.085	2082	2084	2090	rVB7	543136	723493	20.79%	0.630%
60	15.155	2091	2096	2105	rBV3	342096	720761	20.72%	0.627%
61	15.249	2106	2112	2119	rVV5	438489	923391	26.54%	0.804%
62	15.320	2121	2124	2128	rVB2	278799	359548	10.33%	0.313%
63	15.367	2129	2132	2138	rVB4	273935	391408	11.25%	0.341%
64	15.467	2143	2149	2154	rBV5	417645	870865	25.03%	0.758%
65	15.520	2154	2158	2167	rVV4	744214	1727753	49.66%	1.504%
66	15.596	2167	2171	2178	rVV2	1107147	2999537	86.21%	2.610%
67	15.655	2178	2181	2192	rVB	2023116	3216222	92.44%	2.799%
68	15.813	2204	2208	2210	rBV4	263904	335698	9.65%	0.292%
69	15.849	2210	2214	2218	rVV	1124868	1748010	50.24%	1.521%
70	15.890	2218	2221	2229	rVB3	613977	1149842	33.05%	1.001%
71	15.966	2230	2234	2241	rVB3	555503	906295	26.05%	0.789%

LSC Area Percent Report

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Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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	16.460	2311	2318	2323	rVB5	1081601	1899083	54.58%	1.653%
73	16.513	2323	2327	2331	rBV	2312003	3158171	90.77%	2.748%
74	16.736	2361	2365	2370	rBV2	898118	1060333	30.48%	0.923%
75	16.824	2375	2380	2386	rVB	821805	1070736	30.77%	0.932%
76	16.889	2386	2391	2397	rBV4	174925	367215	10.55%	0.320%
77	17.130	2430	2432	2442	rVB9	182444	318953	9.17%	0.278%
78	17.259	2450	2454	2458	rBV2	872705	1204624	34.62%	1.048%
79	17.306	2458	2462	2471	rVB	2114366	3162309	90.89%	2.752%
80	17.447	2481	2486	2490	rVB2	224403	349112	10.03%	0.304%
81	17.605	2506	2513	2519	rBV	918787	1484851	42.68%	1.292%
82	17.699	2524	2529	2538	rVB2	1389918	2272189	65.31%	1.977%
83	17.999	2575	2580	2584	rBV	597182	817451	23.50%	0.711%
84	18.046	2584	2588	2601	rVB	1697855	2631621	75.64%	2.290%
85	18.222	2614	2618	2623	rVB2	392516	499089	14.34%	0.434%
86	18.692	2688	2698	2701	rBV	784488	1127631	32.41%	0.981%
87	18.728	2701	2704	2721	rVB	1400323	2031356	58.38%	1.768%
88	19.315	2800	2804	2807	rBV	379176	489383	14.07%	0.426%
89	19.350	2807	2810	2817	rVB	1021332	1326974	38.14%	1.155%
90	19.897	2899	2903	2905	rBV	512319	698382	20.07%	0.608%
91	19.920	2905	2907	2911	rVV	729981	767113	22.05%	0.668%
92	19.973	2911	2916	2924	rVB	1887630	2763371	79.42%	2.405%
93	20.449	2988	2997	3006	rVB2	573788	1112905	31.99%	0.968%
94	20.925	3073	3078	3093	rVB2	403790	910342	26.16%	0.792%
95	21.466	3164	3170	3181	rVB3	140256	337885	9.71%	0.294%
96	21.895	3235	3243	3251	rBV	1298587	2203996	63.35%	1.918%
97	25.067	3773	3783	3800	rVB2	989888	3021353	86.84%	2.629%
98	25.308	3815	3824	3837	rVB	739230	2237457	64.31%	1.947%
99	27.852	4249	4257	4270	rVB6	94623	373081	10.72%	0.325%
100	29.580	4542	4551	4562	rVB8	71746	302259	8.69%	0.263%

Sum of corrected areas: 114911961

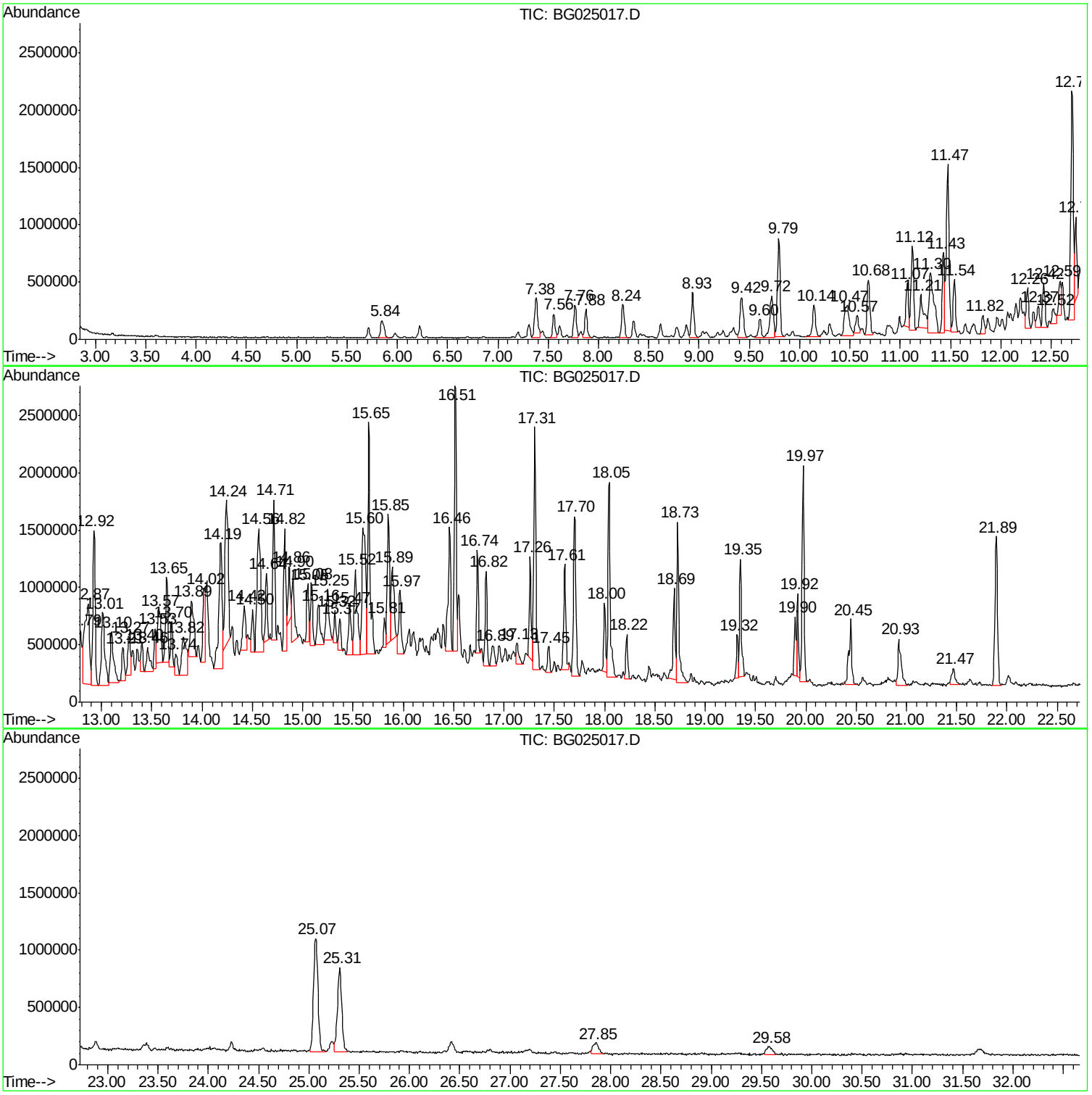
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

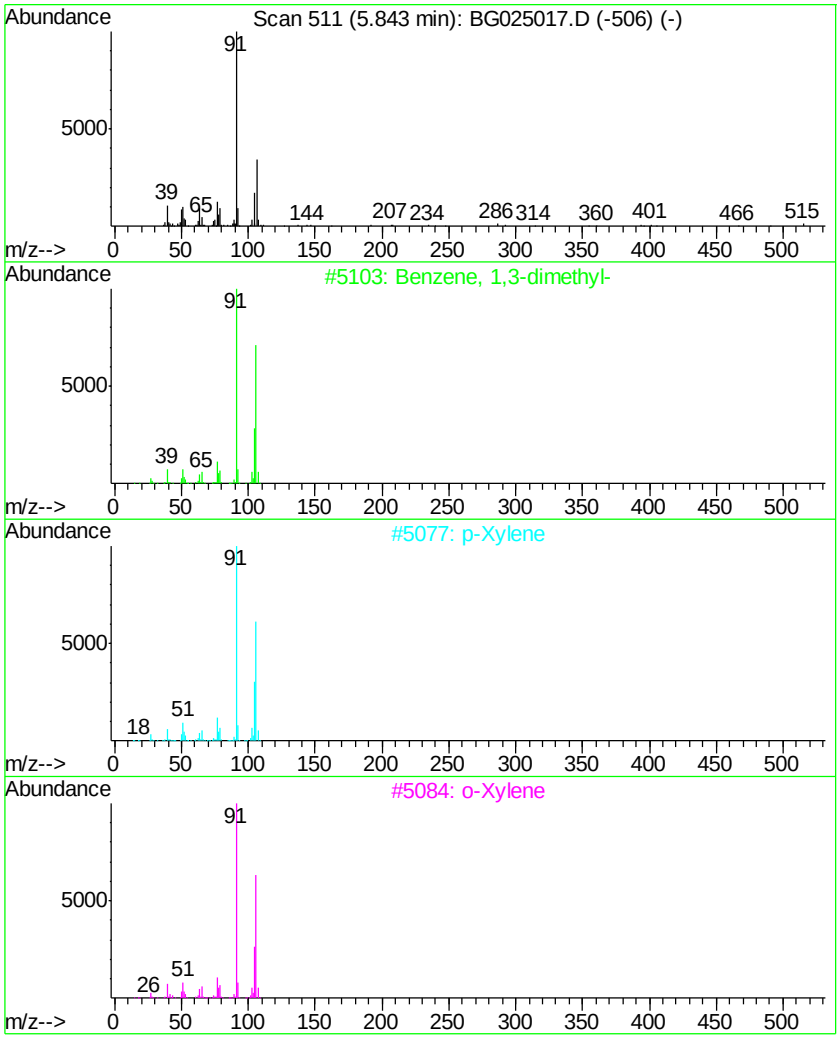
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

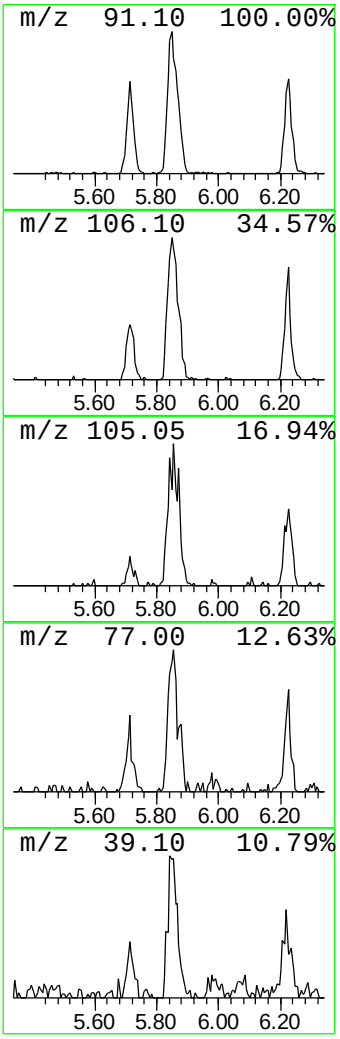
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	13.71 ng/ul	382038	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	81
2	p-Xylene	106	C8H10	000106-42-3	81
3	o-Xylene	106	C8H10	000095-47-6	81
4	p-Xylene	106	C8H10	000106-42-3	72
5	o-Xylene	106	C8H10	000095-47-6	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

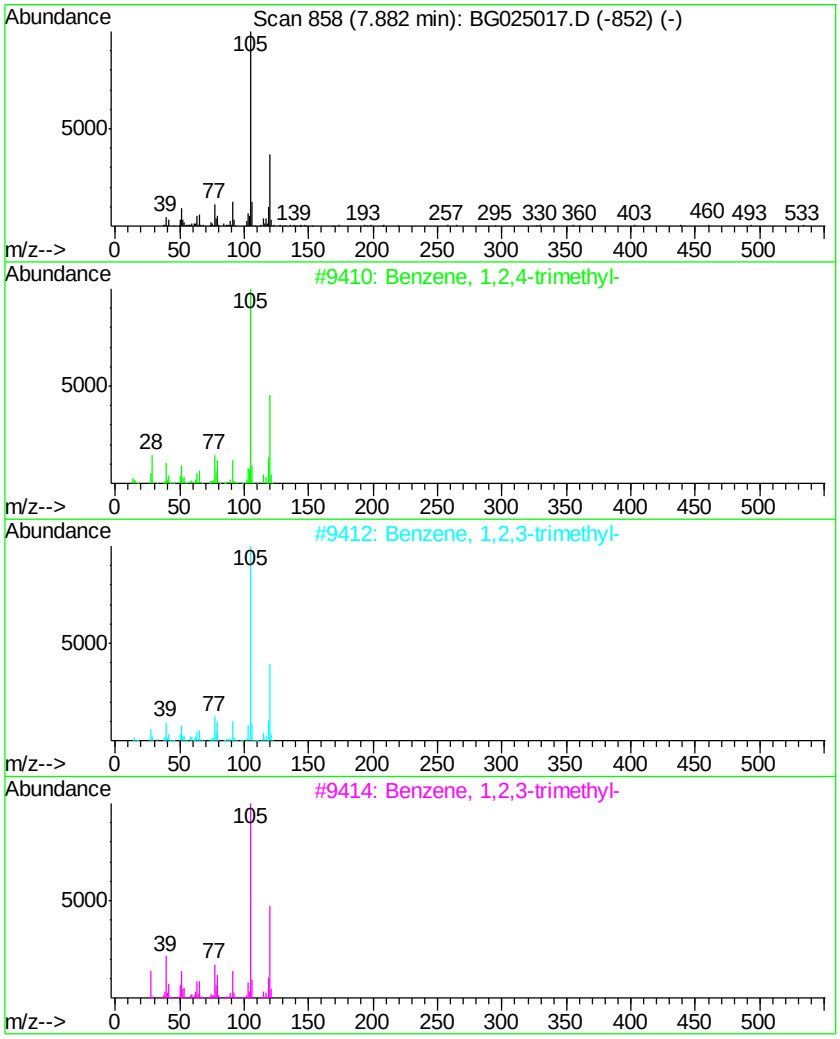
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

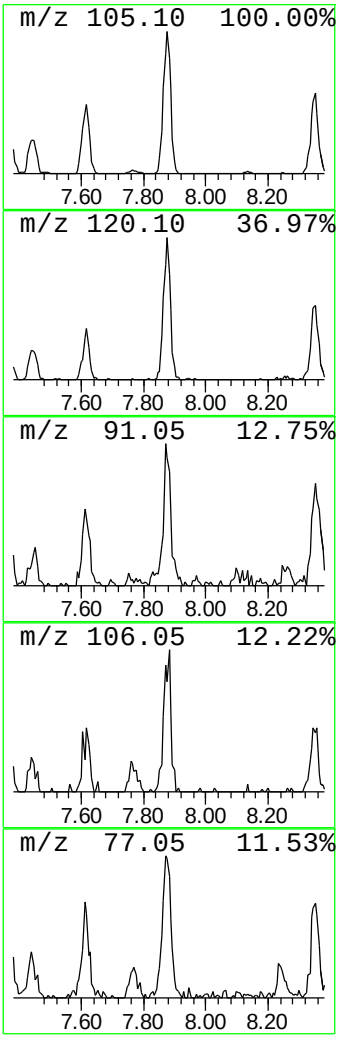
****

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	15.31 ng/ul	426661	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	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
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Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

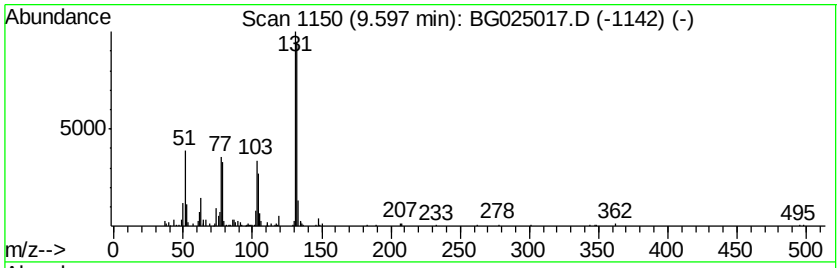
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

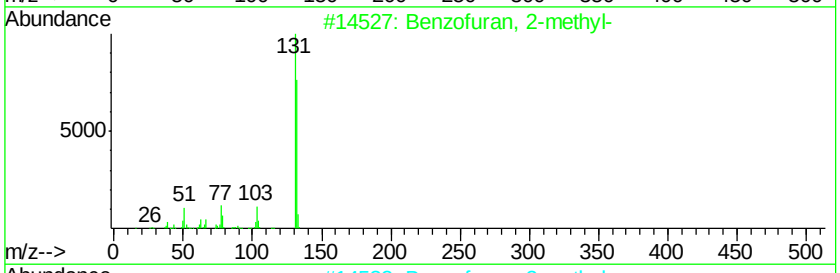
****

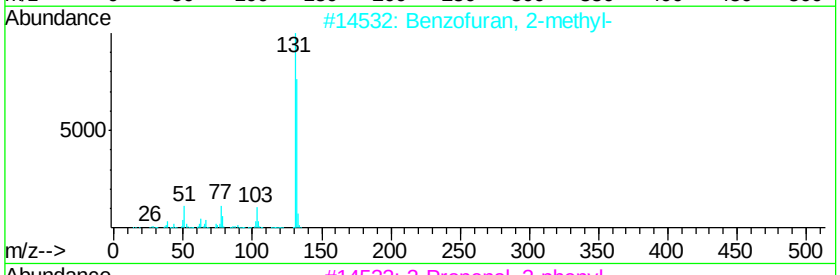
Peak Number 3 Benzofuran, 2-methyl- Concentration Rank 47

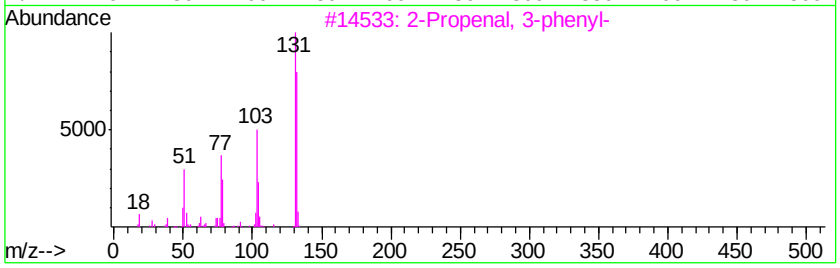
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	10.94 ng/ul	304784	1,4-Dichlorobenzene-d4	8.24

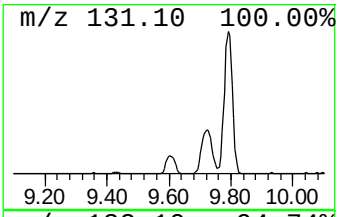
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	91

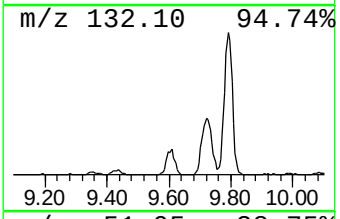


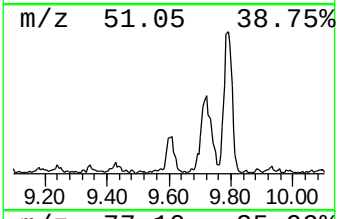


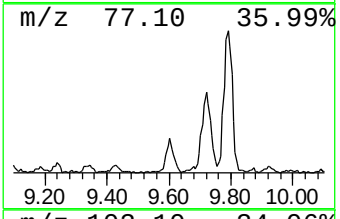


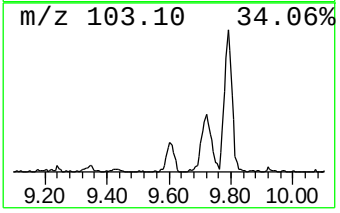












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Acq On : 8 Dec 2016 21:57
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

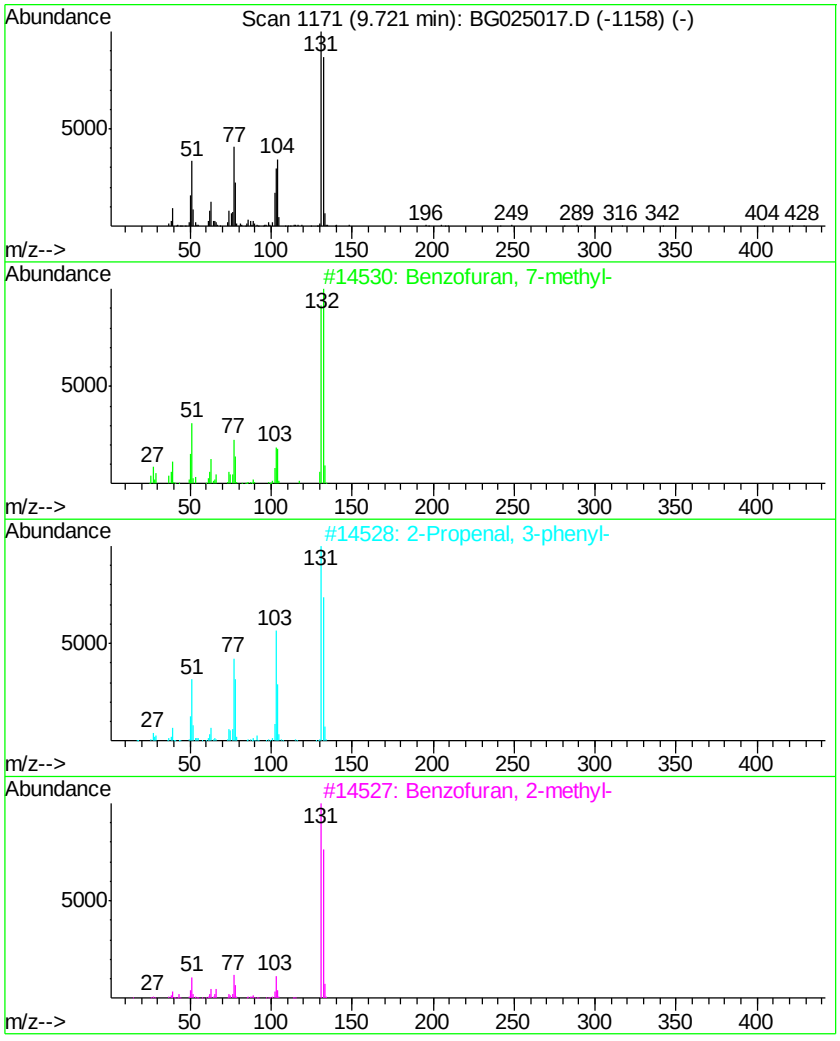
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

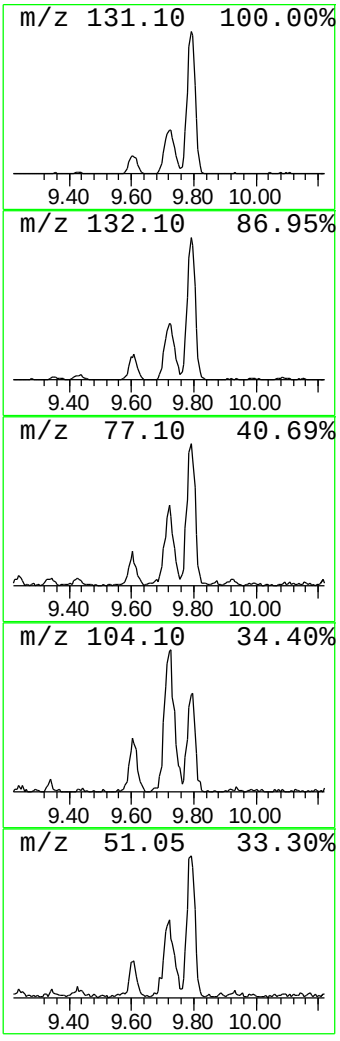
****

Peak Number 4 Benzofuran, 7-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	26.75 ng/ul	902768	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

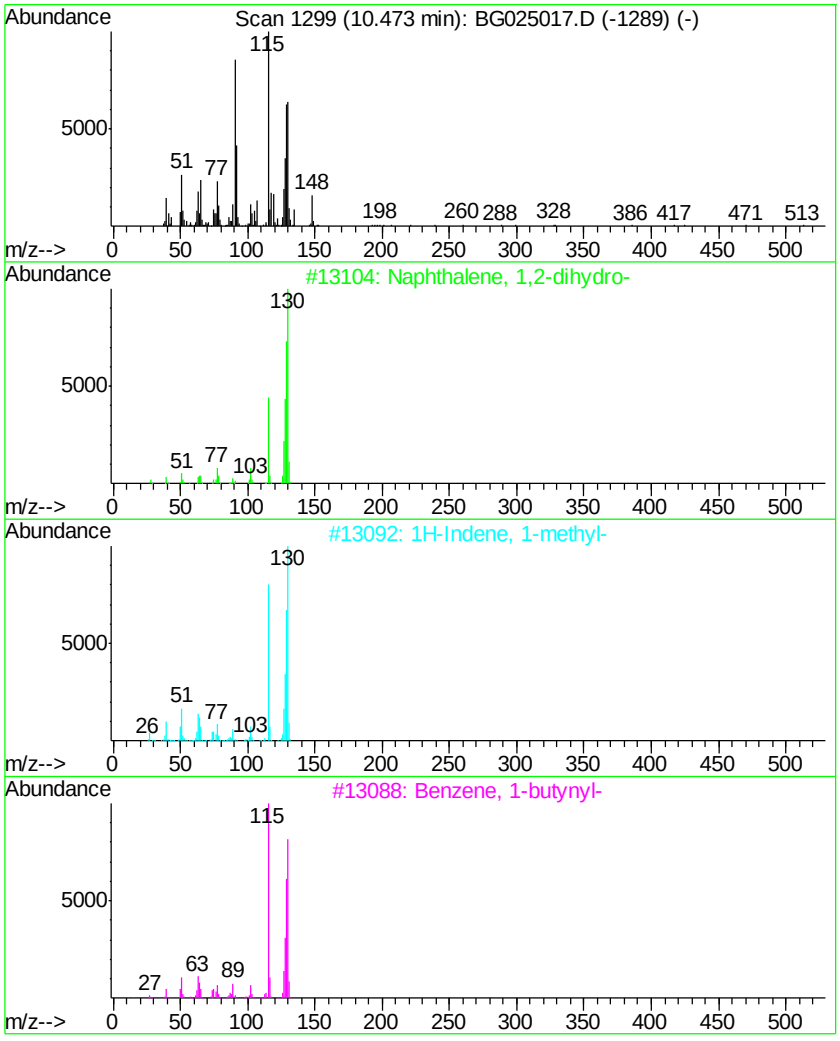
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

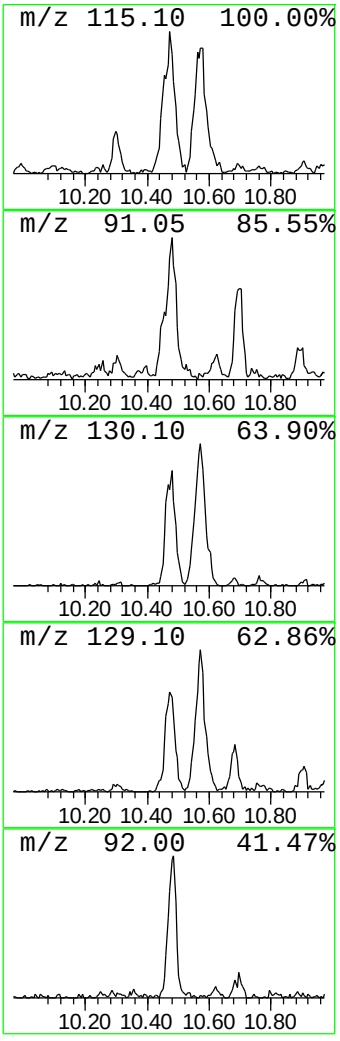
****

Peak Number 6 Naphthalene, 1,2-dihydro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	28.07 ng/ul	947580	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	78
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	64
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	64
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	64
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	60





Library Search Compound Report

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Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

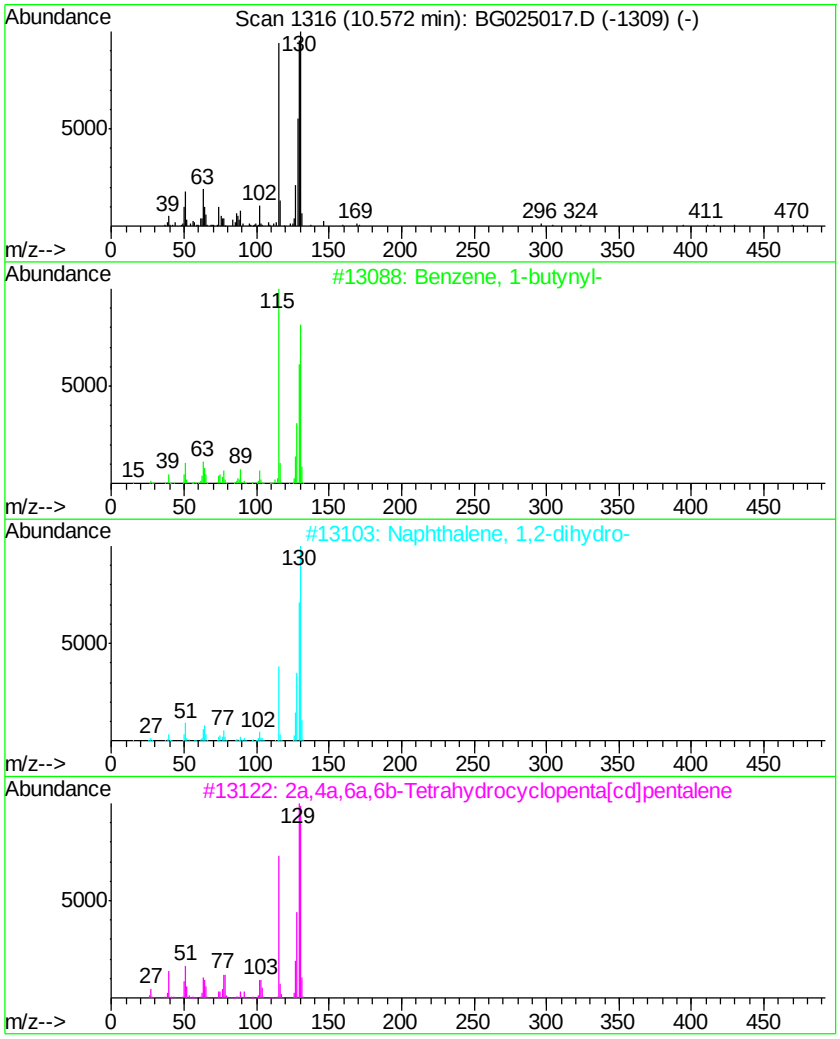
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

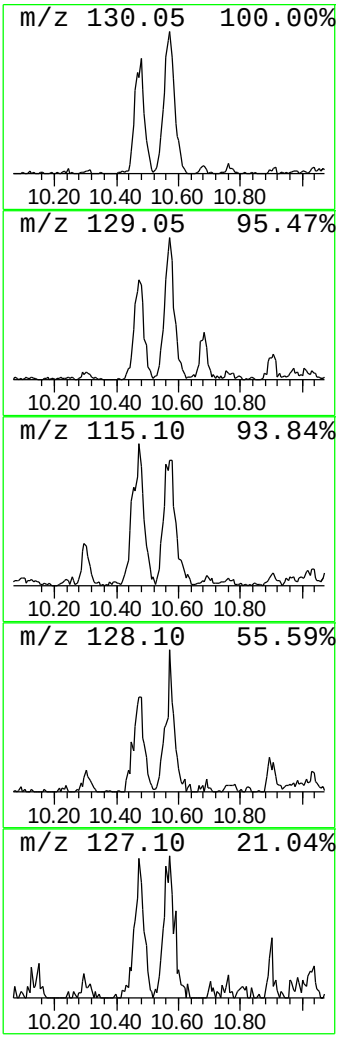
****

Peak Number 7 Benzene, 1-butynyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	8.86 ng/ul	299059	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	91
2	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	87
3	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	87
4	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	81
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	72





Library Search Compound Report

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Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

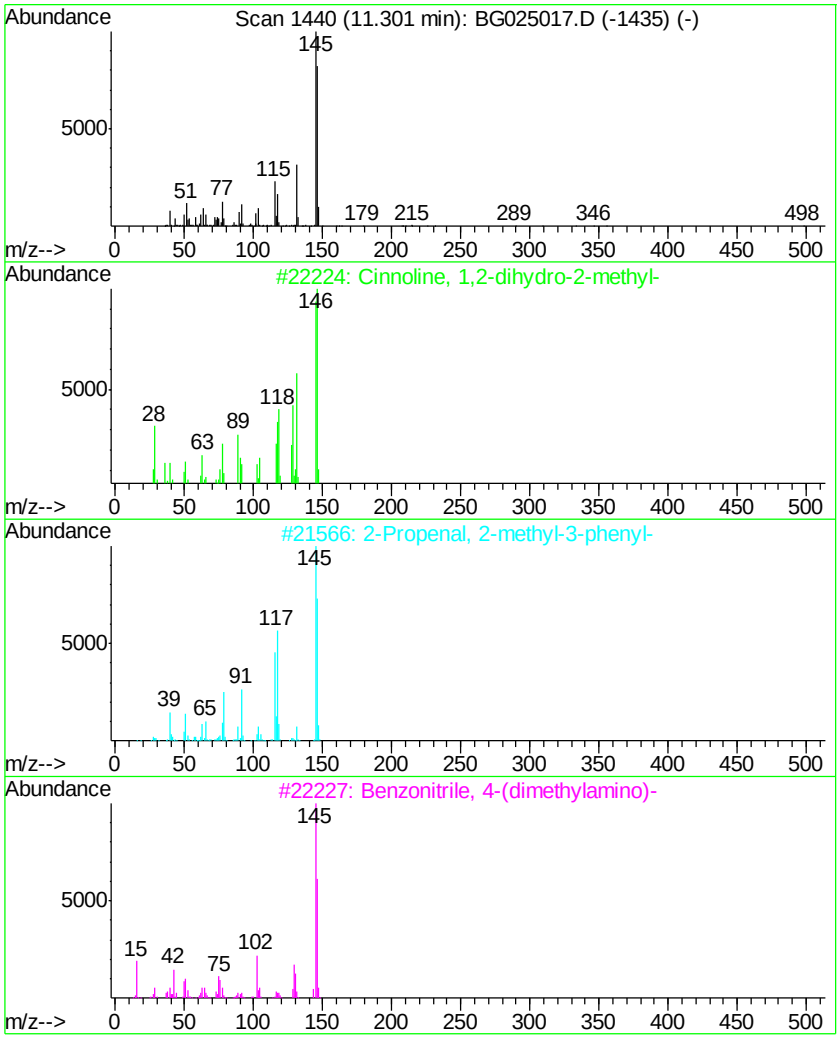
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

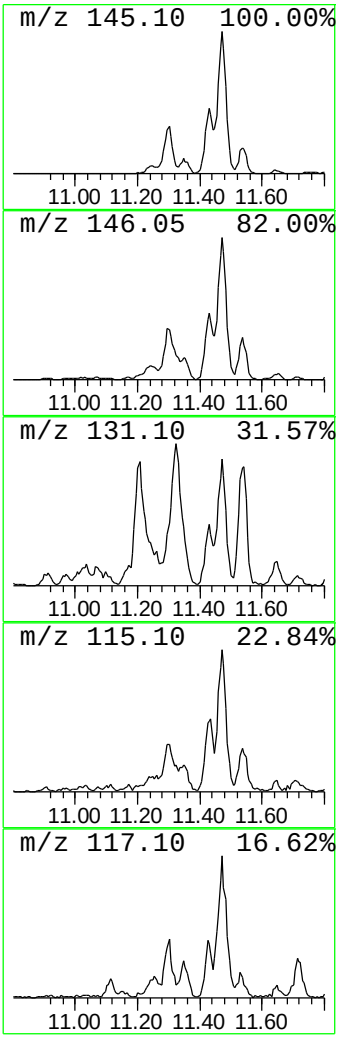
****

Peak Number 8 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	51.38 ng/ul	1734420	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	80
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	58
4	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	53
5	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	53





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Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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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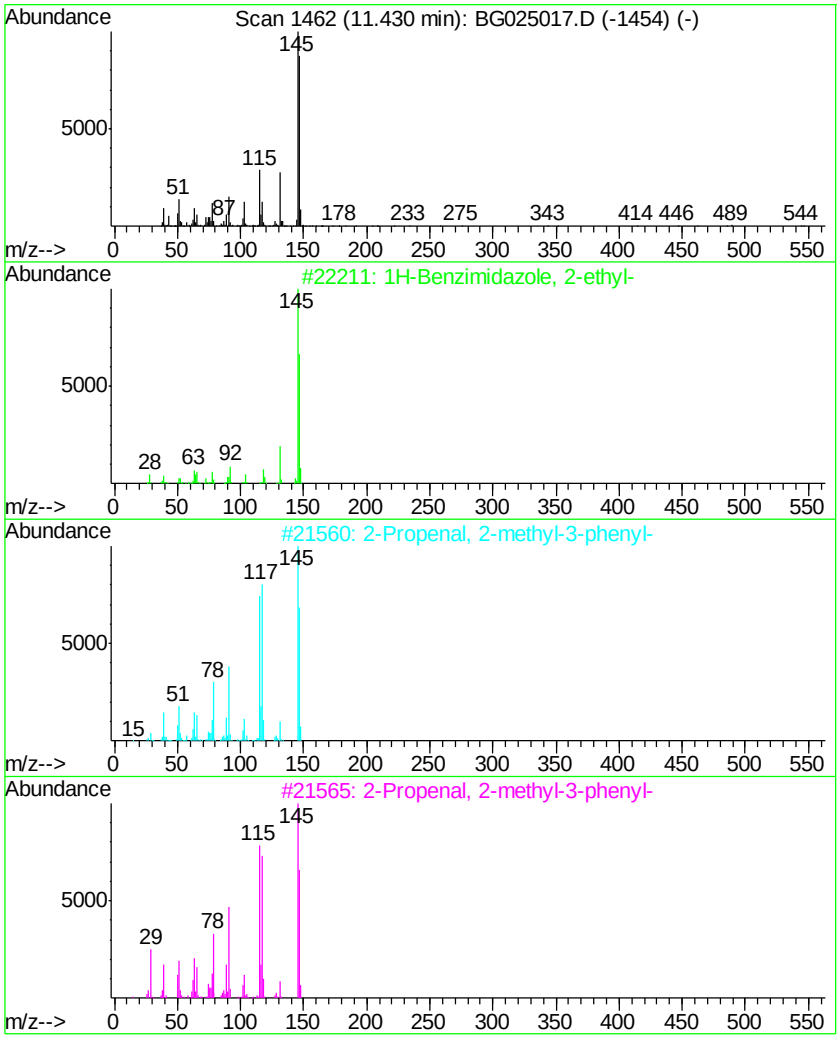
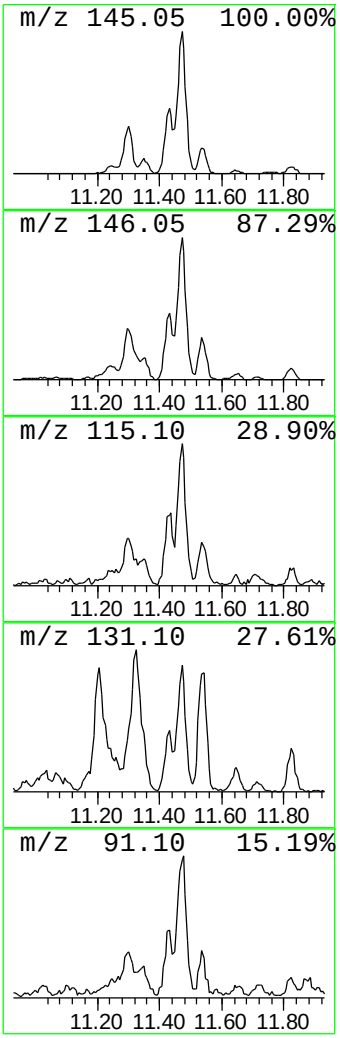
Peak Number 9 1H-Benzimidazole, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	34.65 ng/ul	1169510	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	50





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Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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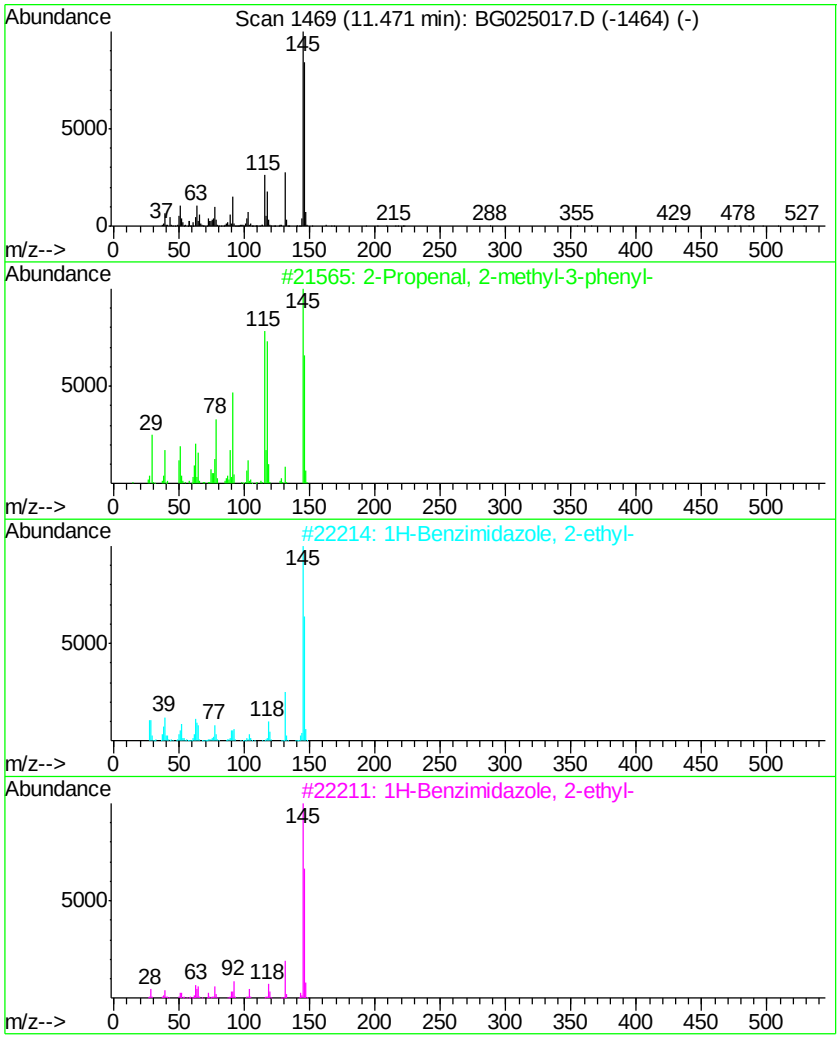
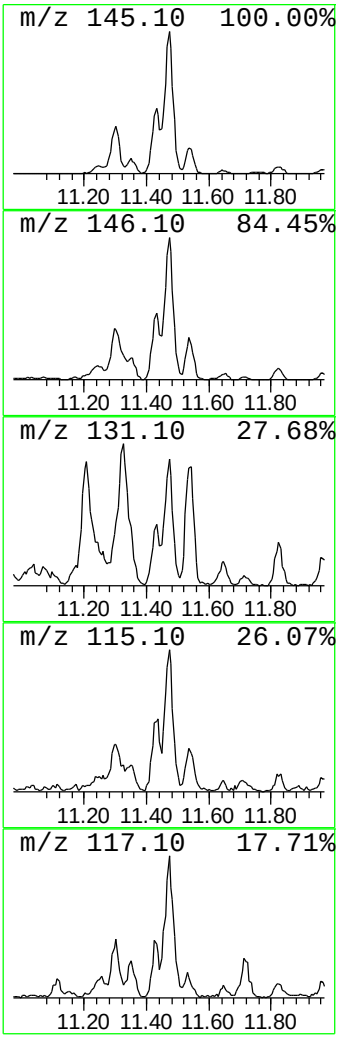
Peak Number 10 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	80.87 ng/ul	2729770	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	72
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
5	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	52





Library Search Compound Report

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Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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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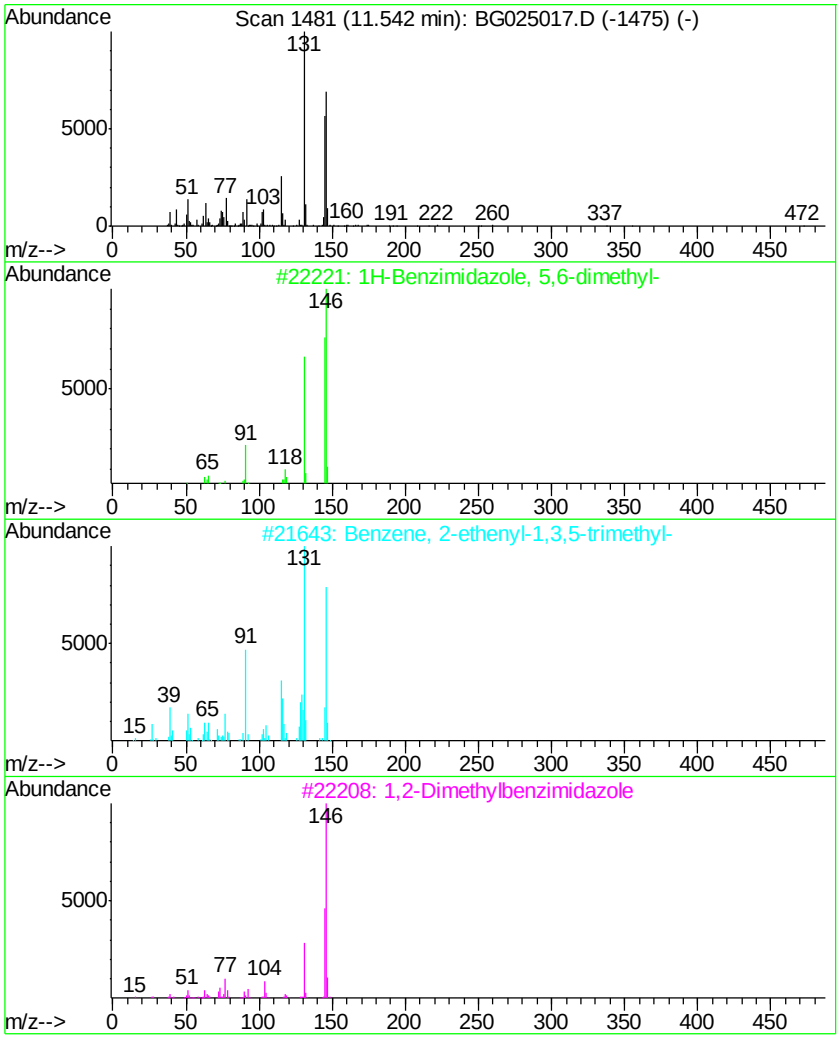
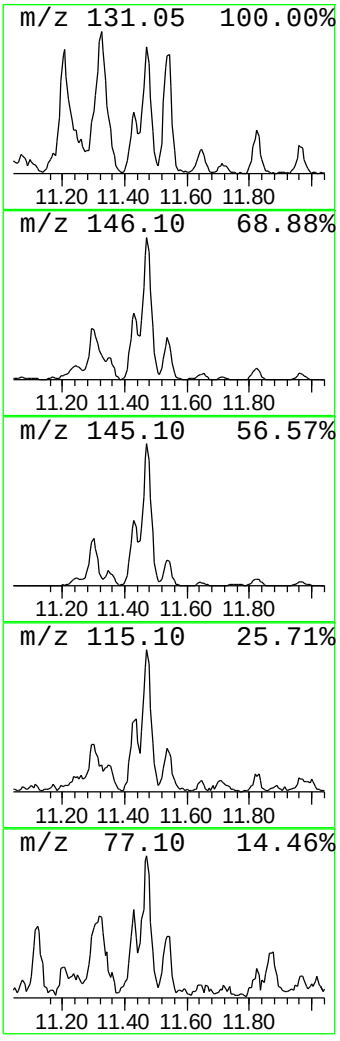
Peak Number 11 1H-Benzimidazole, 5,6-dimet... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	23.08 ng/ul	778900	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	80
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	72
3	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	72
4	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	72
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	59





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Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

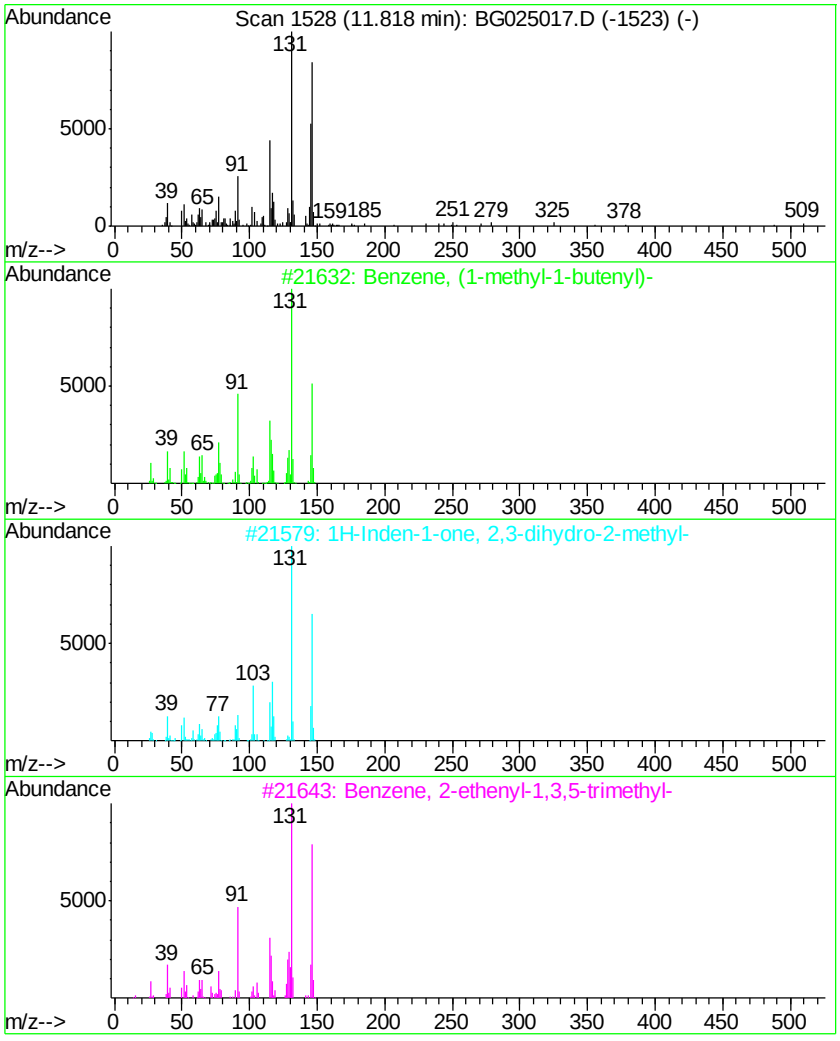
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

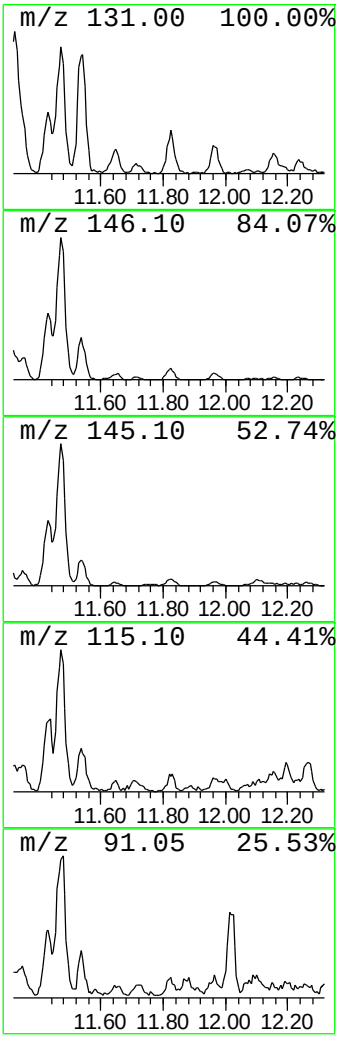
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (1-methyl-1-butenyl)- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	9.03 ng/ul	304917	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	72
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	52
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	52
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	47
5	1H-Benzimidazole, 1-ethyl-	146	C9H10N2	007035-68-9	47





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Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

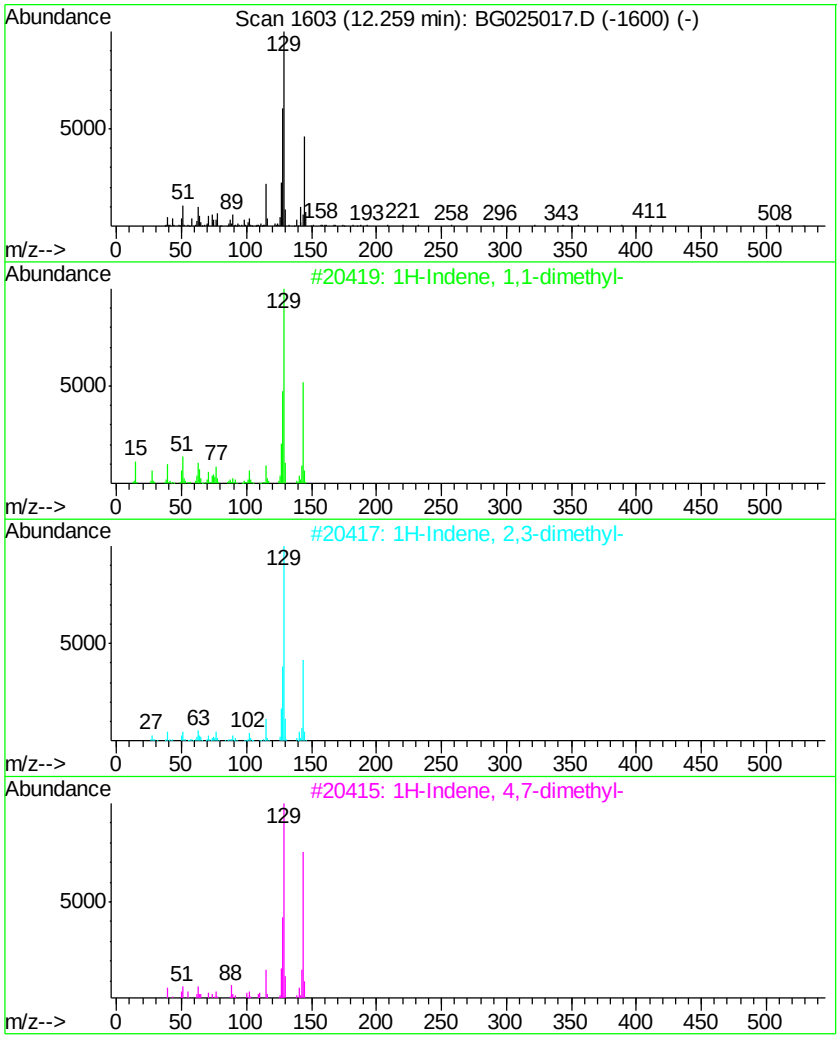
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

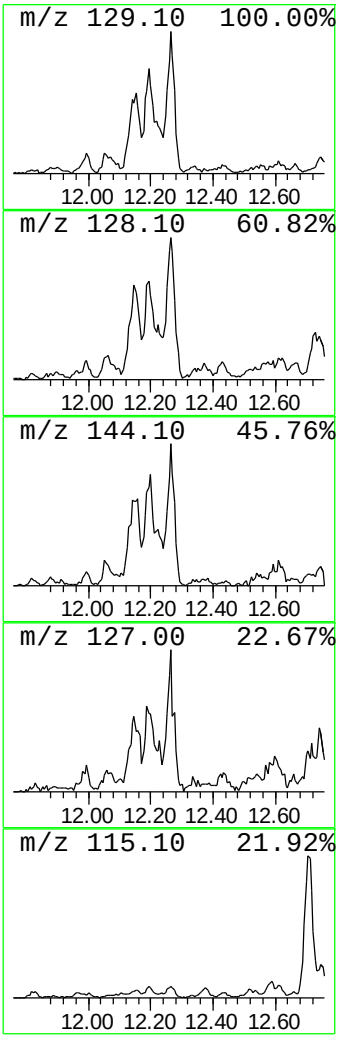
****

Peak Number 13 1H-Indene, 1,1-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	17.52 ng/ul	591348	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	90
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	87
4	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	86
5	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	80





Library Search Compound Report

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Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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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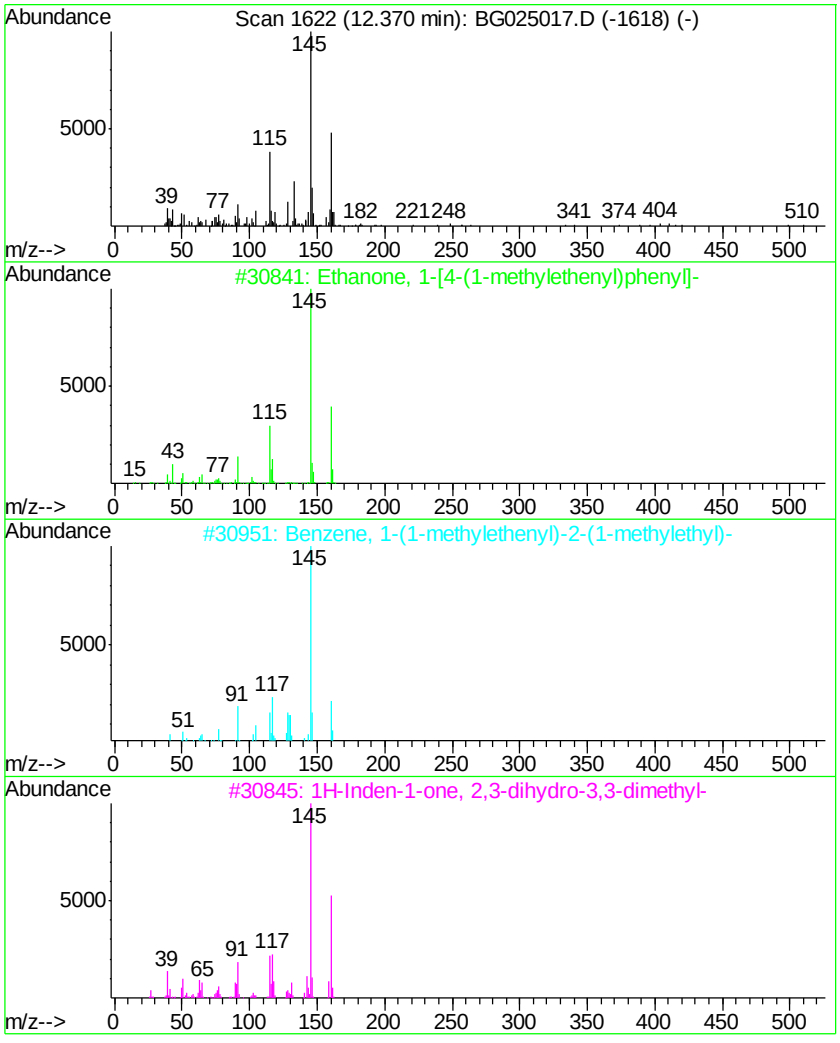
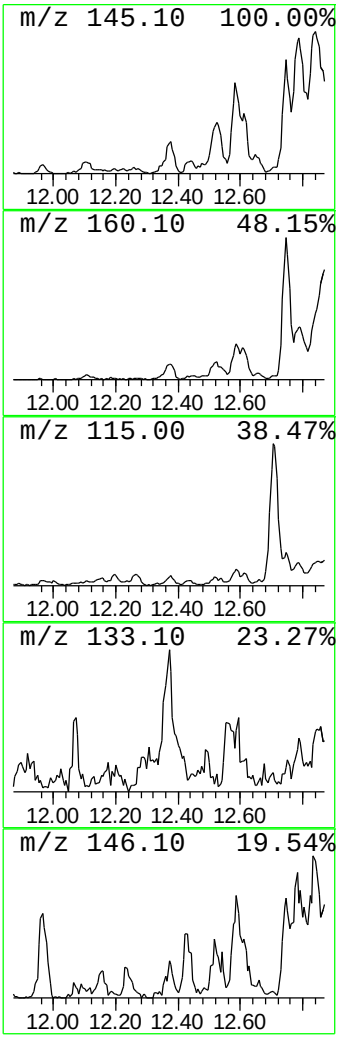
Peak Number 14 Ethanone, 1-[4-(1-methyleth... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	9.69 ng/ul	326932	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	64
2	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	58
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	50
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	50
5	FENAZAQUIN	306	C20H22N2O	120928-09-8	50





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Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

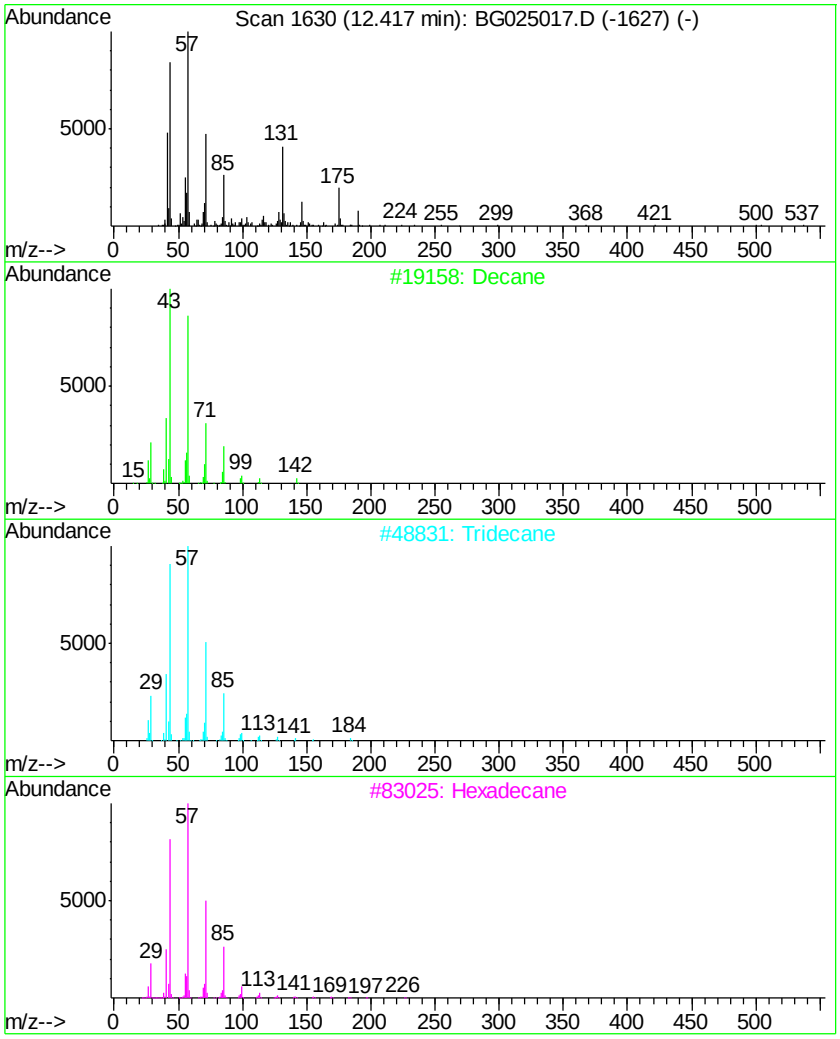
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

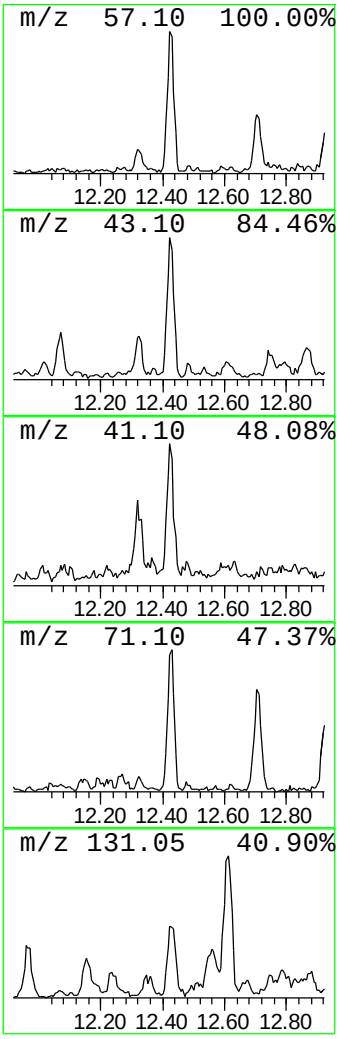
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	18.34 ng/ul	618998	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	45
2	Tridecane	184	C13H28	000629-50-5	45
3	Hexadecane	226	C16H34	000544-76-3	43
4	Pentadecane	212	C15H32	000629-62-9	38
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38





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Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

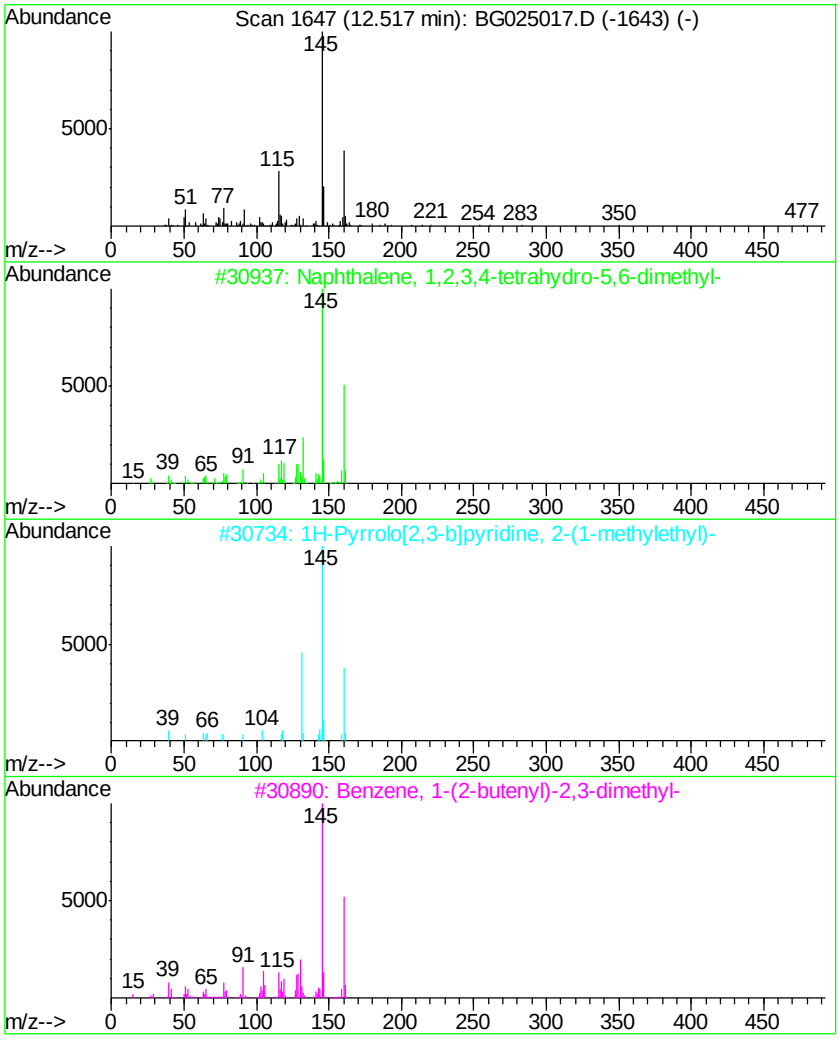
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

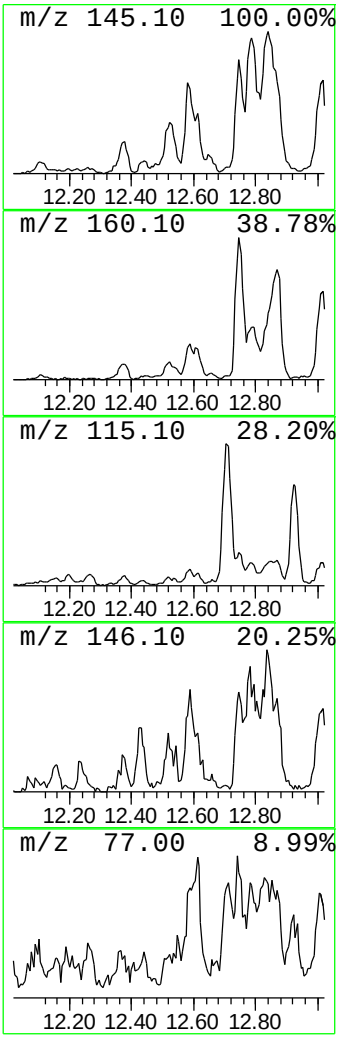
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	9.36 ng/ul	316089	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	90
2	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	80
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	78
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	78
5	FENAZAQUIN	306	C20H22N2O	120928-09-8	78





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Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

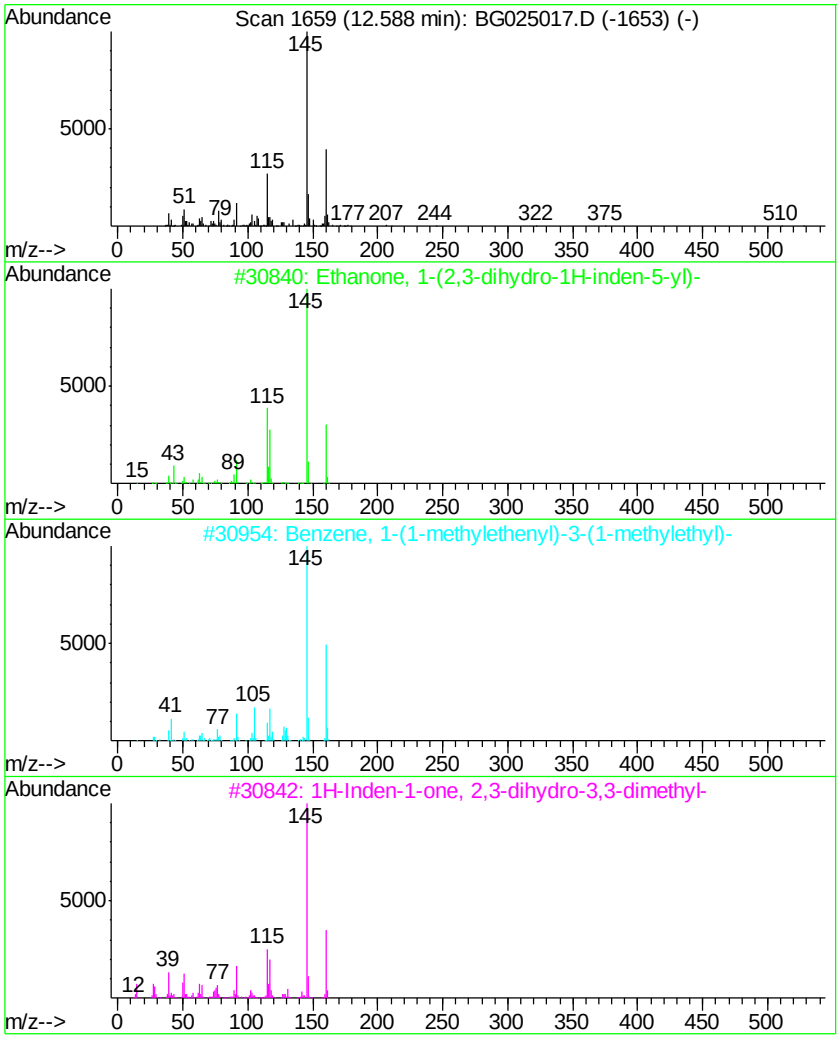
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

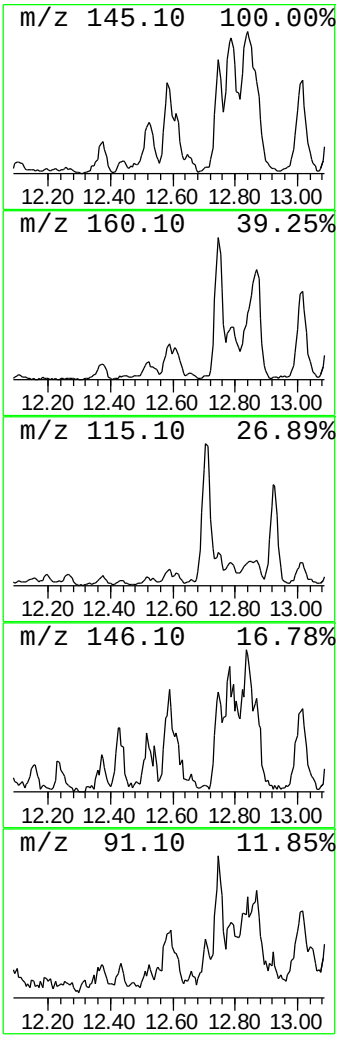
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Ethanone, 1-(2,3-dihydro-1H... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	14.98 ng/ul	505584	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	80
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	72
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	72
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	64





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Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

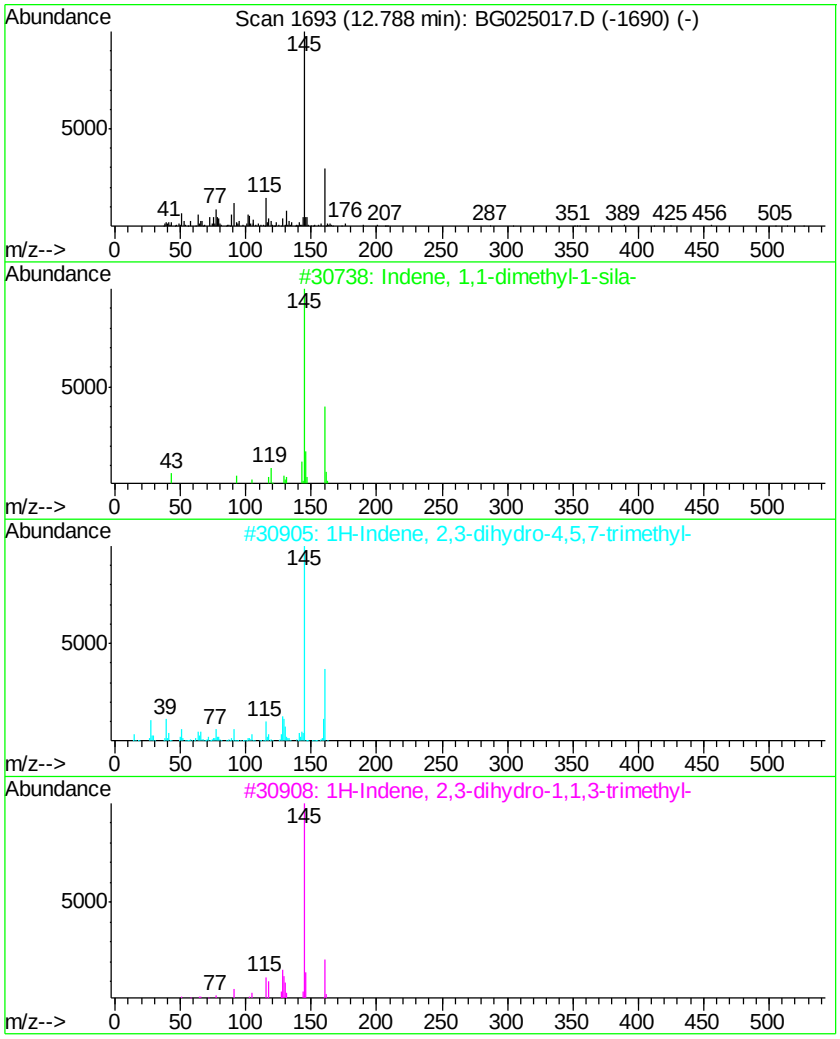
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

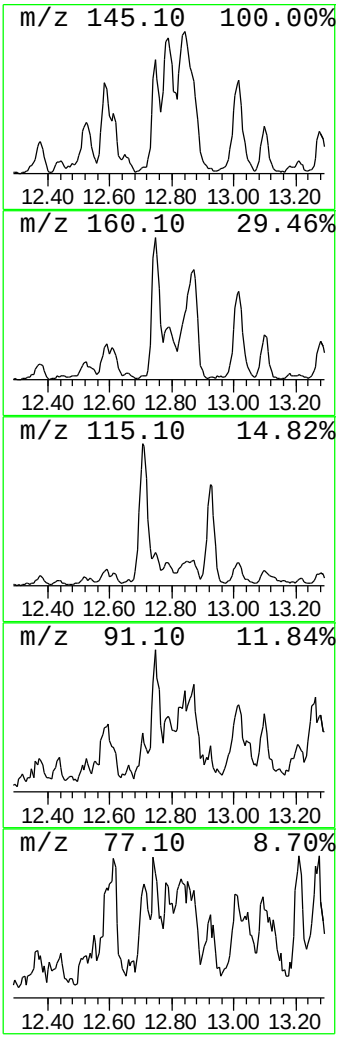
****

Peak Number 18 Indene, 1,1-dimethyl-1-sila- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	9.49 ng/ul	320321	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene, 1,1-dimethyl-1-sila-	160	C10H12Si	058310-24-0	72
2	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	64
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	59
4	2H-1-Benzopyran, 2,2-dimethyl-	160	C11H12O	002513-25-9	50
5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	50





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Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

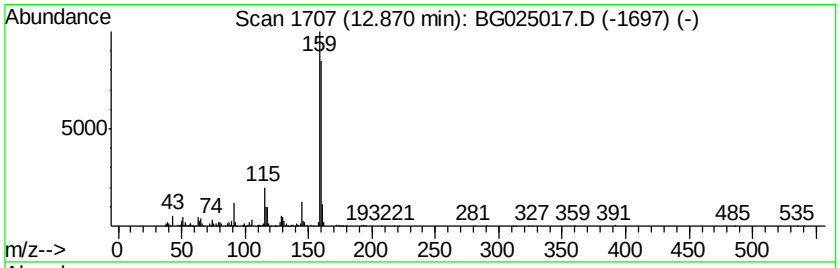
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

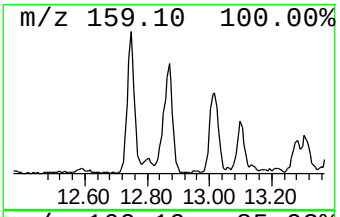
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

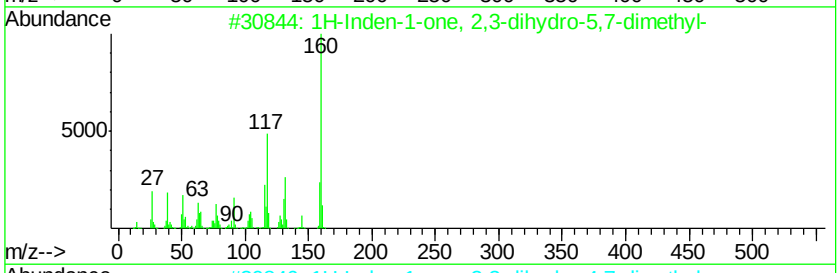
****
Peak Number 19 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 4

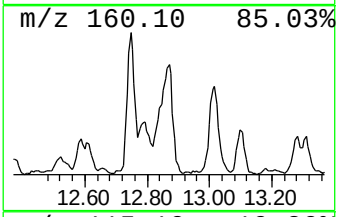
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	71.63 ng/ul	2417810	Naphthalene-d8	11.07

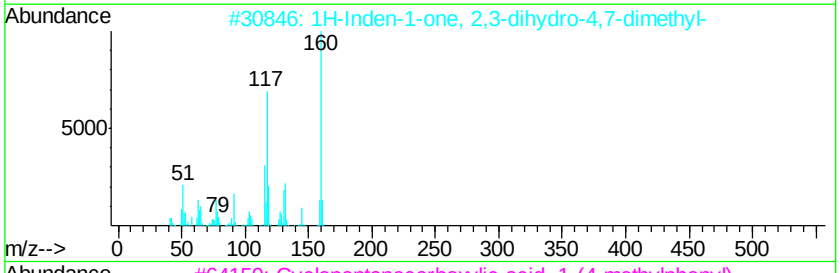
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	52
2	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	49
3	Cyclopentanecarboxylic acid, 1-(...	204	C13H16O2	080789-75-9	38
4	DL-Tryptophan, 5-methoxy-	234	C12H14N2O3	028052-84-8	38
5	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	38

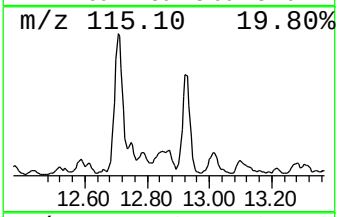


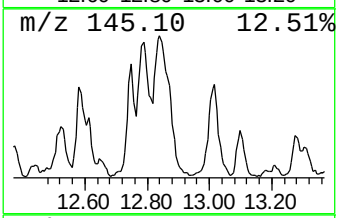


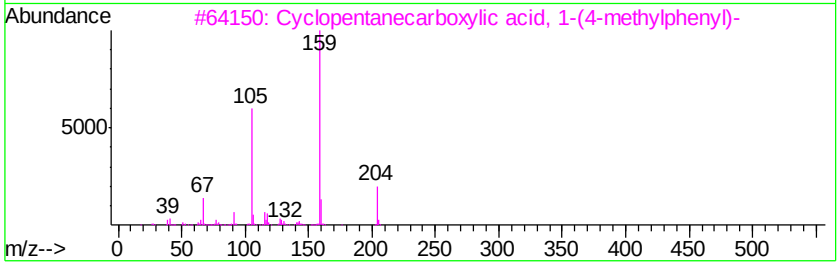


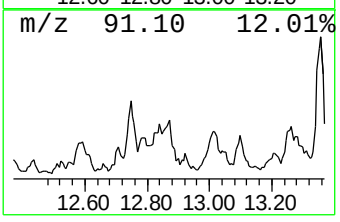












Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

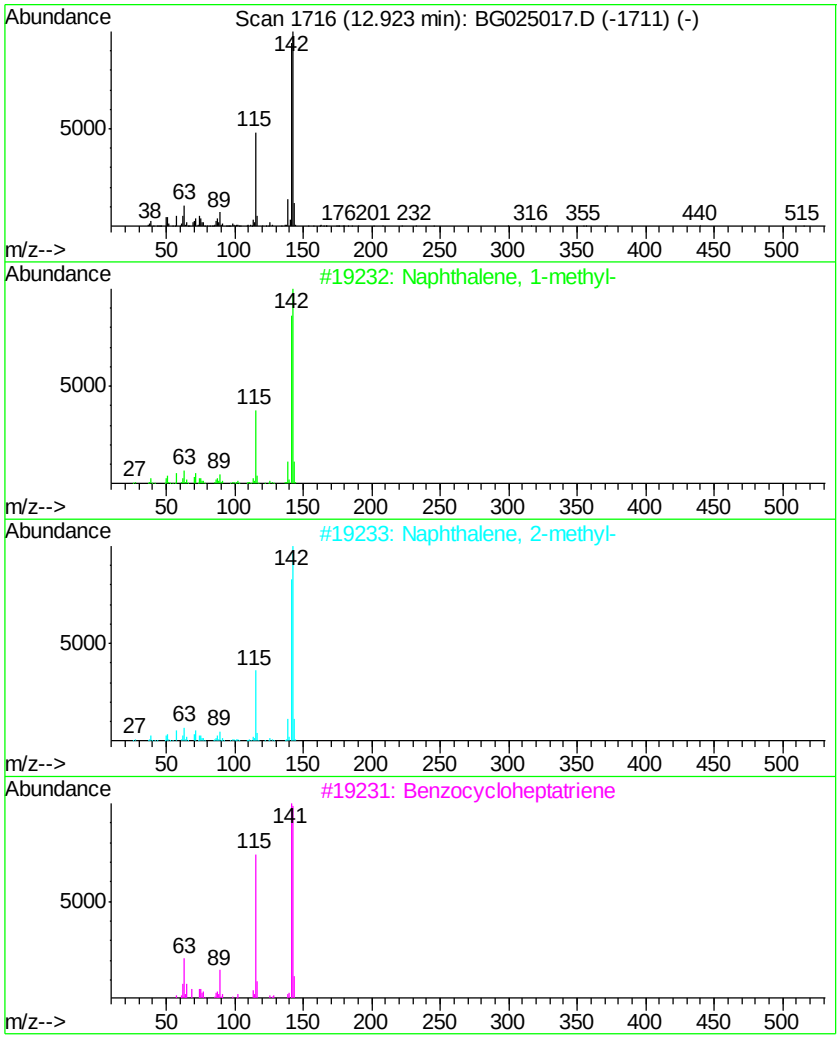
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

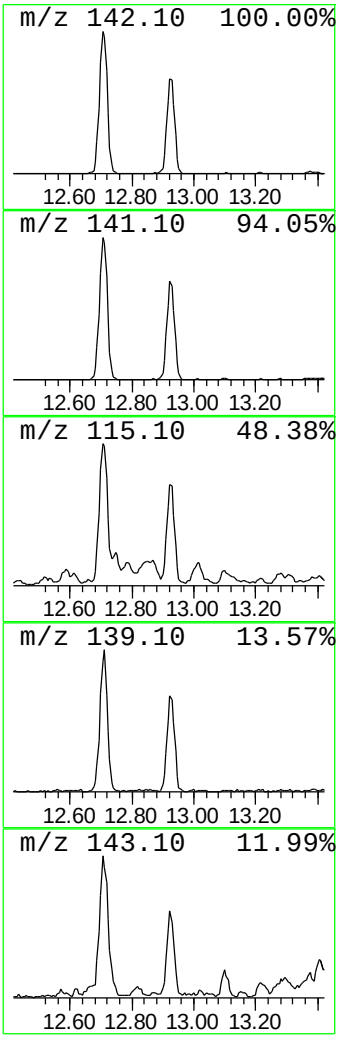
****

Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	66.83 ng/ul	2255900	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Benzocycloheptatriene	142	C11H10	000264-09-5	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

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Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

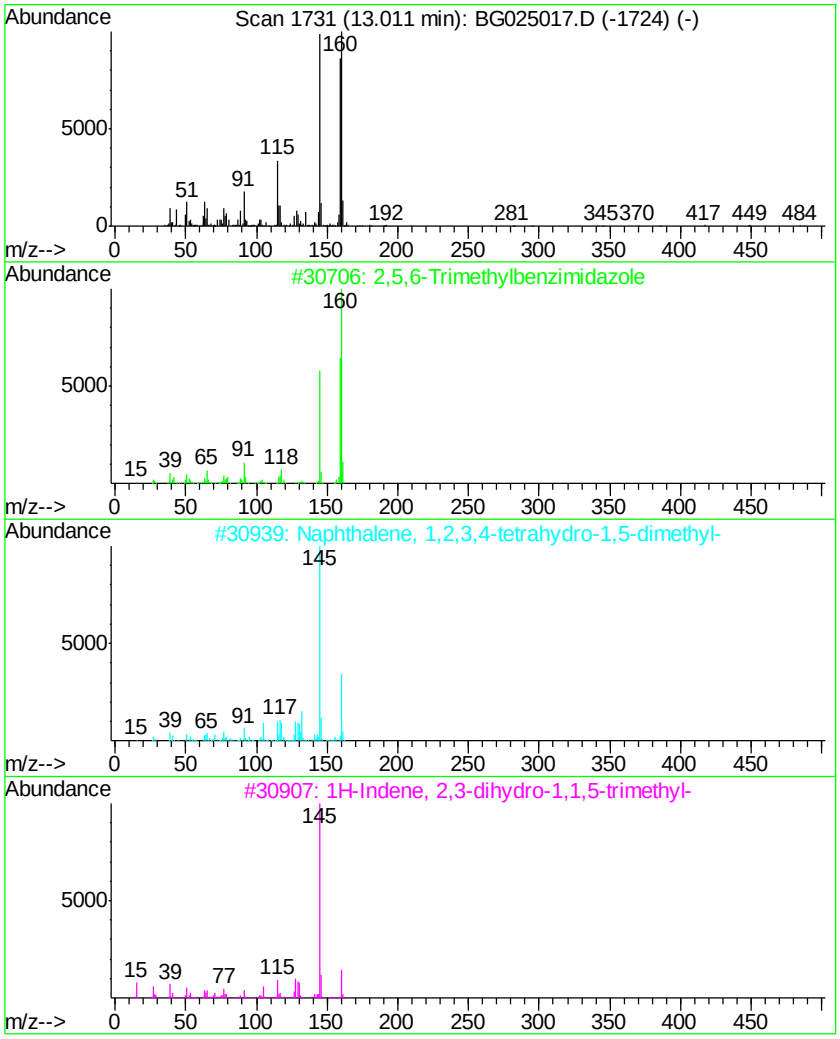
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

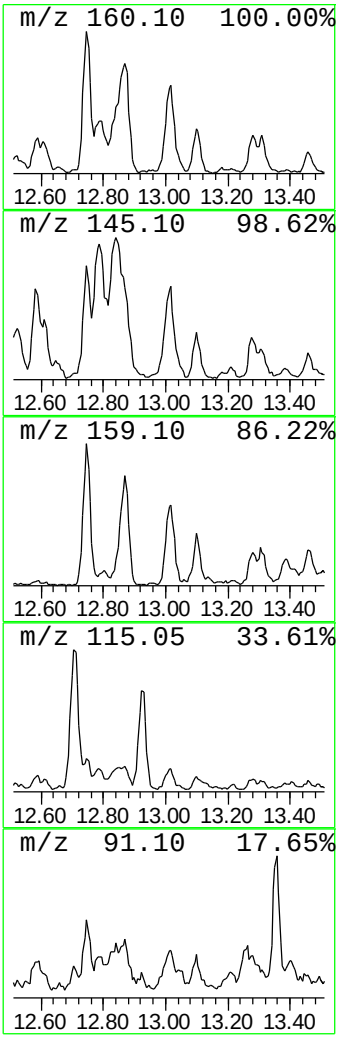
****

Peak Number 21 2,5,6-Trimethylbenzimidazole Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	40.13 ng/ul	1526870	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	58
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	53





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Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

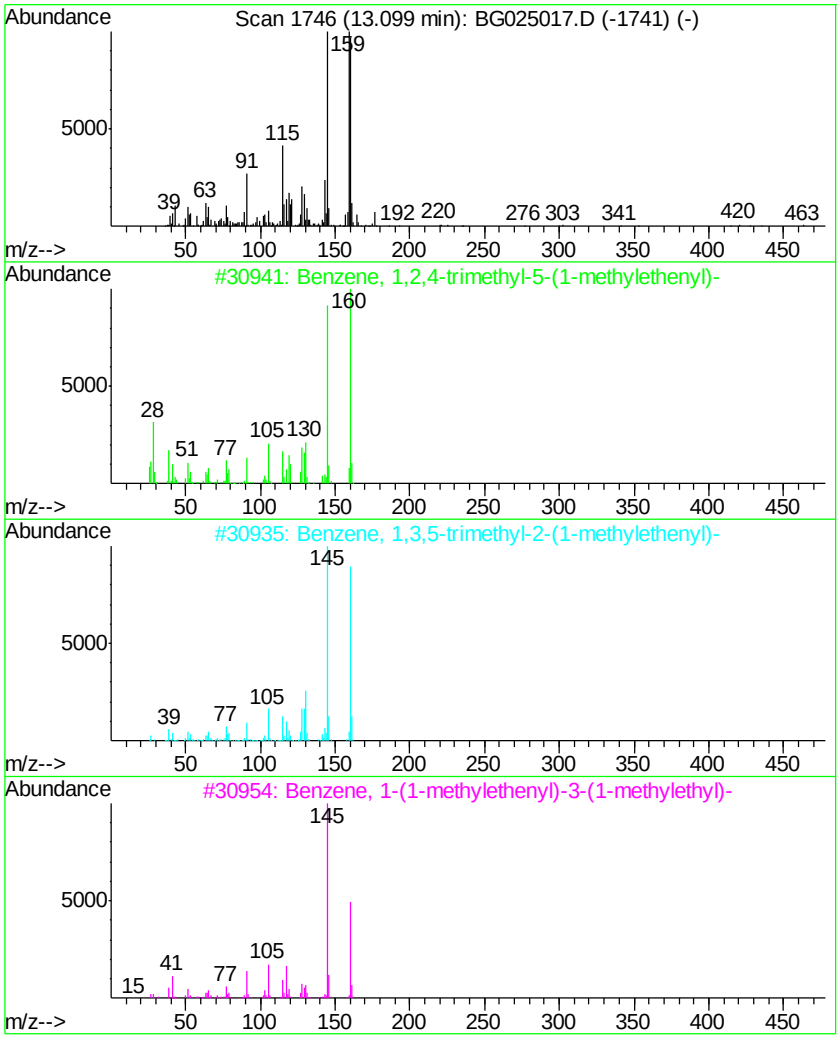
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

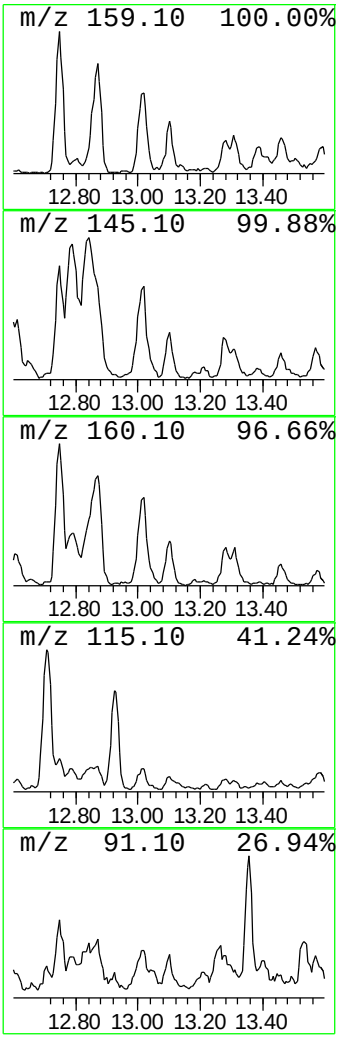
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1,2,4-trimethyl-5-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	26.59 ng/ul	1011620	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	60
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	49
4	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	49
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
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Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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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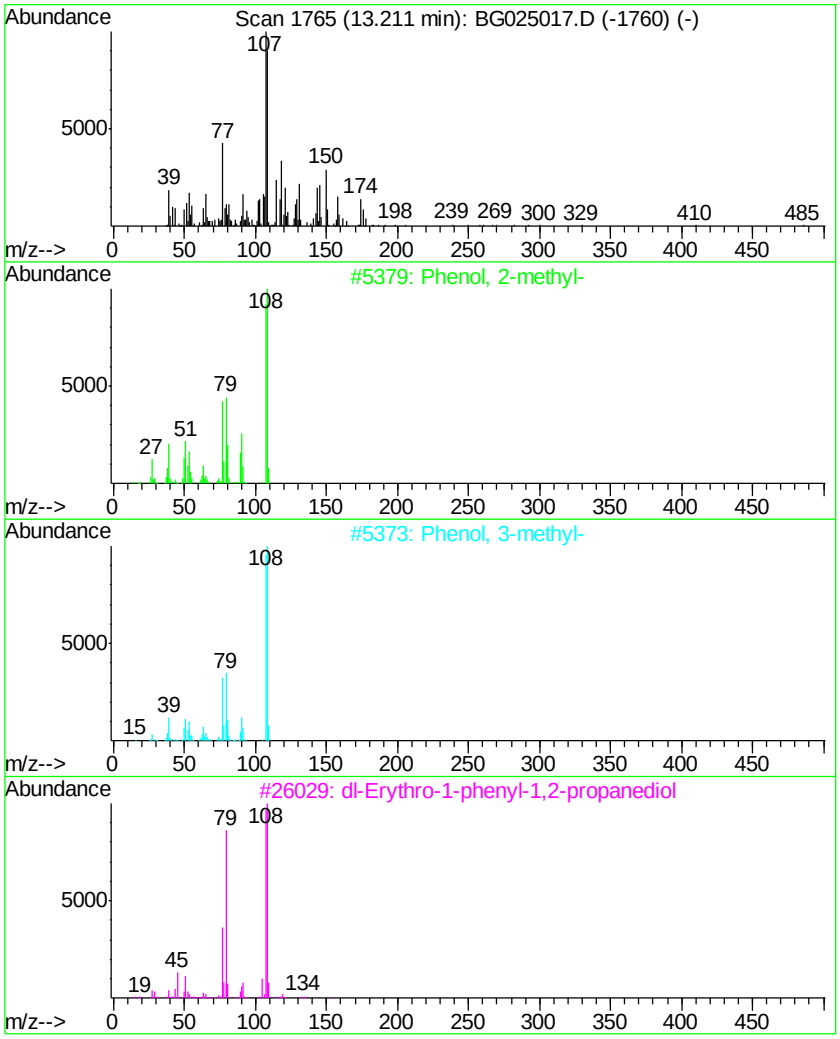
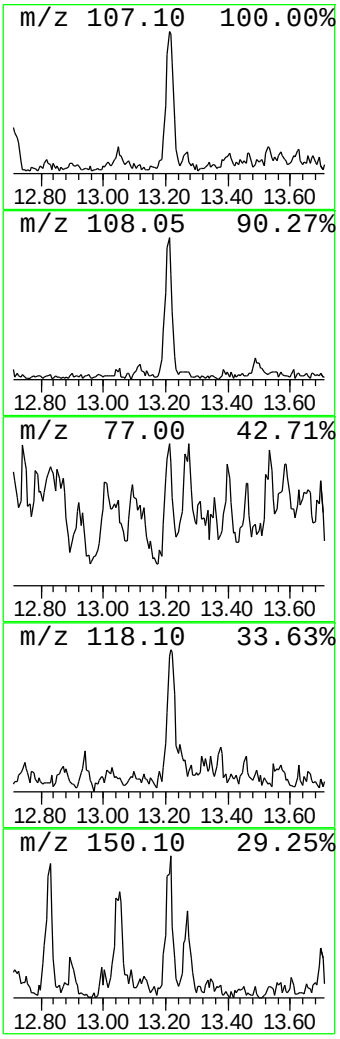
Peak Number 23 unknown-01 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	12.66 ng/ul	481591	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-	108	C7H8O	000095-48-7	49
2	Phenol, 3-methyl-	108	C7H8O	000108-39-4	47
3	dl-Erythro-1-phenyl-1,2-propanediol	152	C9H12O2	001075-04-3	47
4	p-Cresol	108	C7H8O	000106-44-5	47
5	p-Cresol	108	C7H8O	000106-44-5	43





Library Search Compound Report

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Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

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

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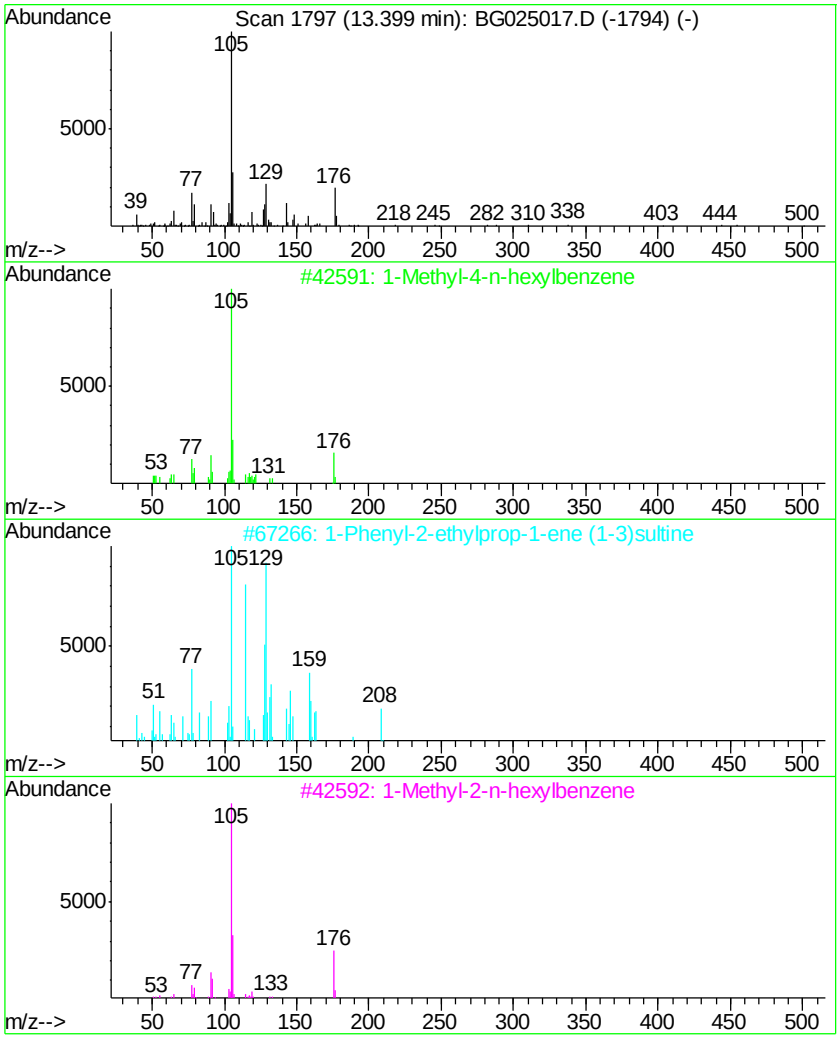
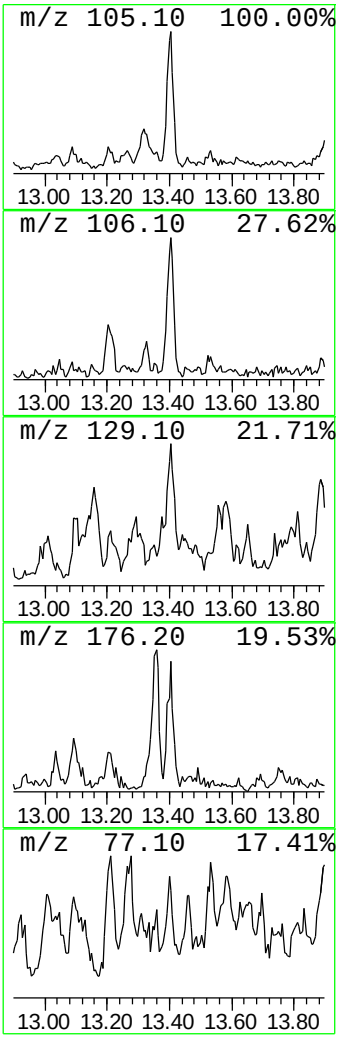
Peak Number 25 unknown-02 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	9.51 ng/ul	361873	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-4-n-hexylbenzene	176	C13H20	001595-01-3	47
2	1-Phenyl-2-ethylprop-1-ene (1-3)...	208	C11H12O2S	084735-16-0	38
3	1-Methyl-2-n-hexylbenzene	176	C13H20	001595-10-4	37
4	Benzene, (1-methylhexyl)-	176	C13H20	002132-84-5	37
5	Benzaldehyde, 3-ethoxy-4-(4-meth...	270	C17H18O3	351066-35-8	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
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Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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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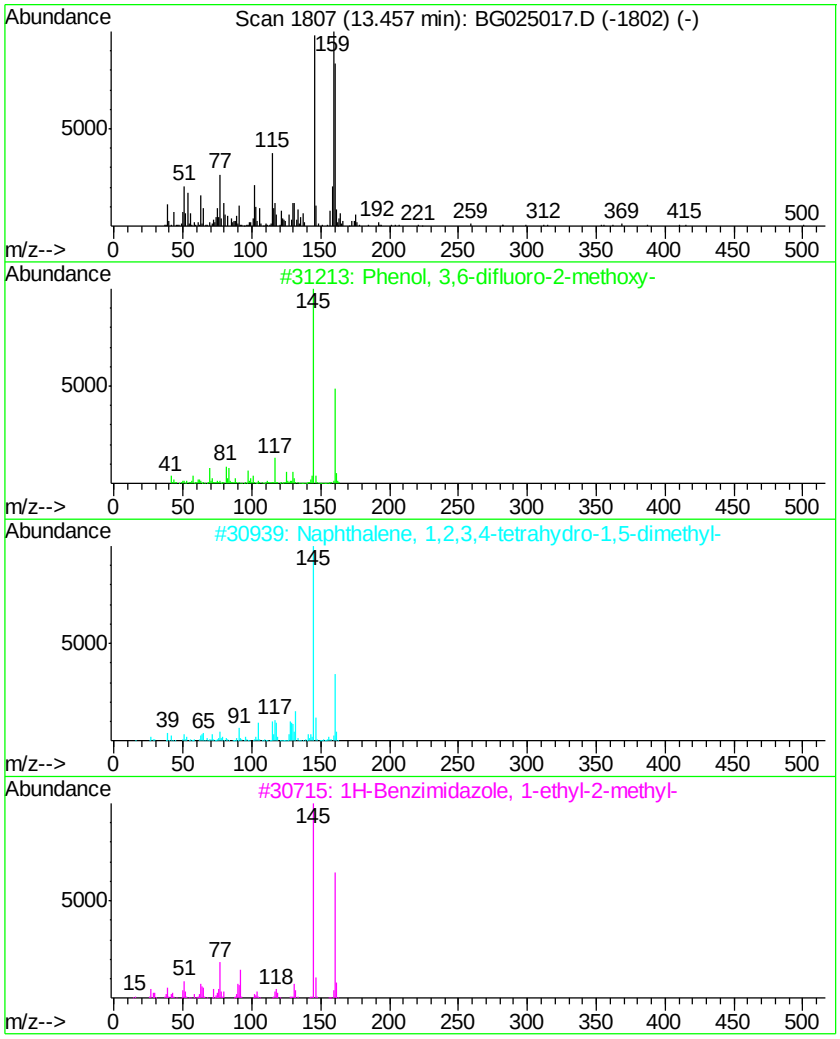
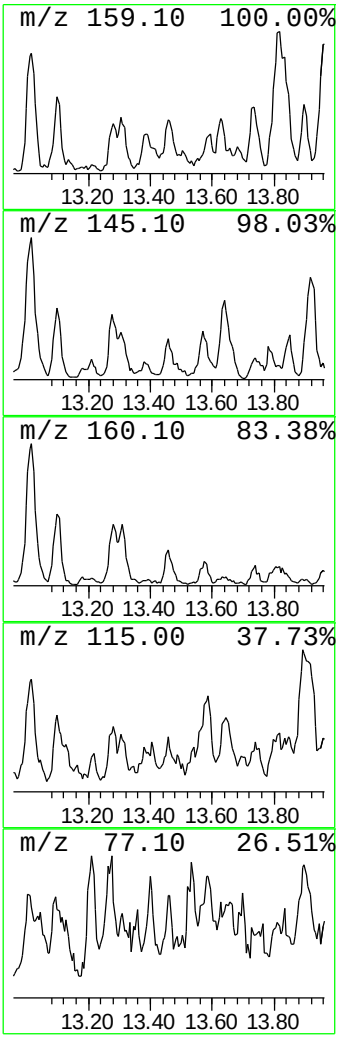
Peak Number 26 unknown-03 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	13.14 ng/ul	500041	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,6-difluoro-2-methoxy-	160	C7H6F2O2	075626-22-1	46
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	46
3	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	46
4	2H-Isoindole, 4,7-dimethyl-	145	C10H11N	070187-62-1	30
5	1-Phthalanol, 1,3,3-trimethyl-	178	C11H14O2	001521-94-4	27





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Data File : BG025017.D
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Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

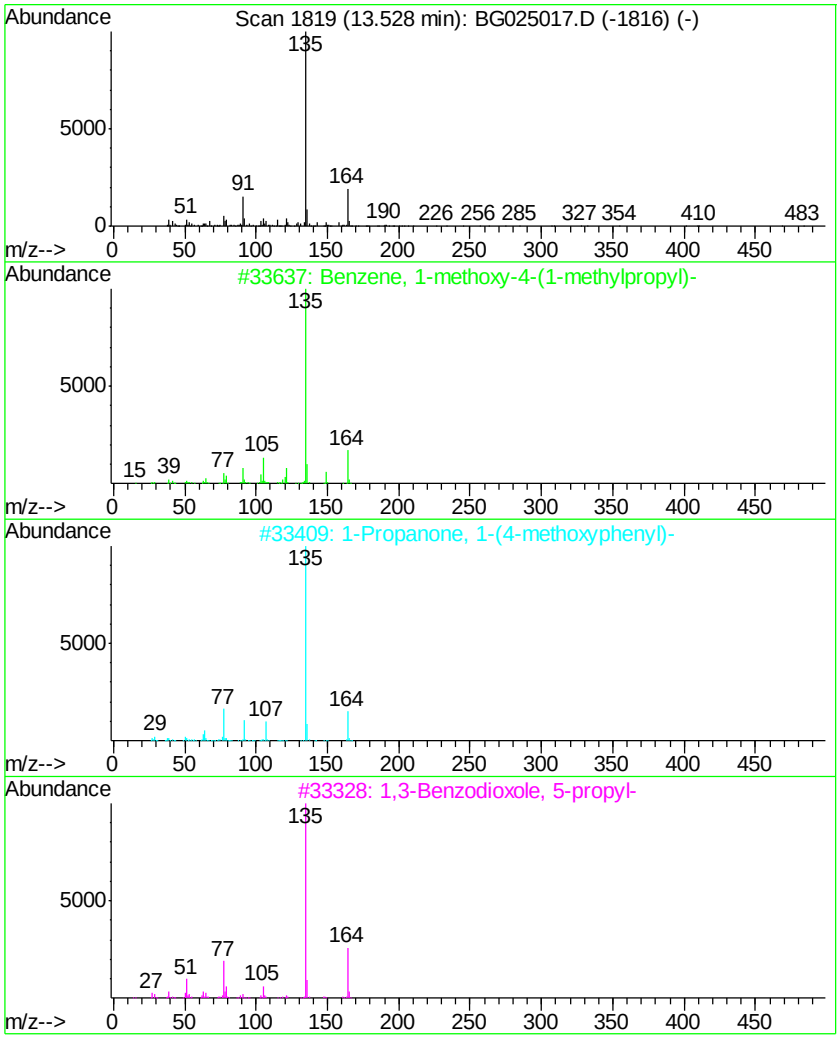
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

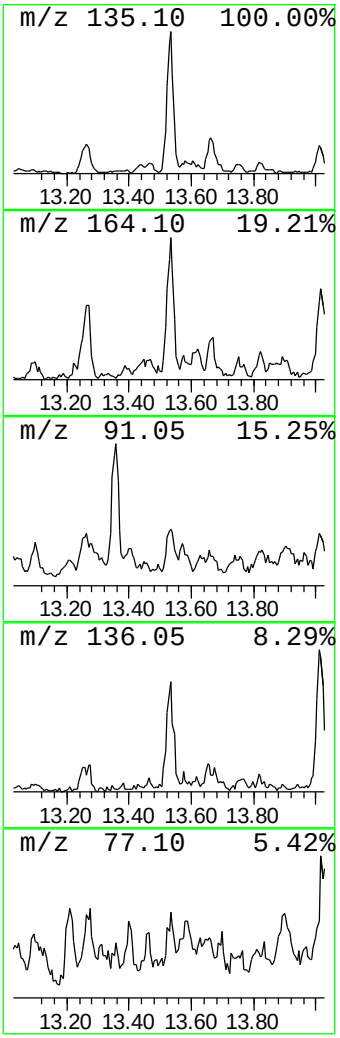
****

Peak Number 27 Benzene, 1-methoxy-4-(1-met... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	12.90 ng/ul	490863	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-(1-methylpr...	164	C11H16O	004917-90-2	72
2	1-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000121-97-1	64
3	1,3-Benzodioxole, 5-propyl-	164	C10H12O2	000094-58-6	64
4	1-Bromomethyl-3-methoxy-5-methyl...	214	C9H11BrO	106116-42-1	59
5	Cyclopentanone, 2-(1-adamantyl)-	218	C15H22O	069010-50-0	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

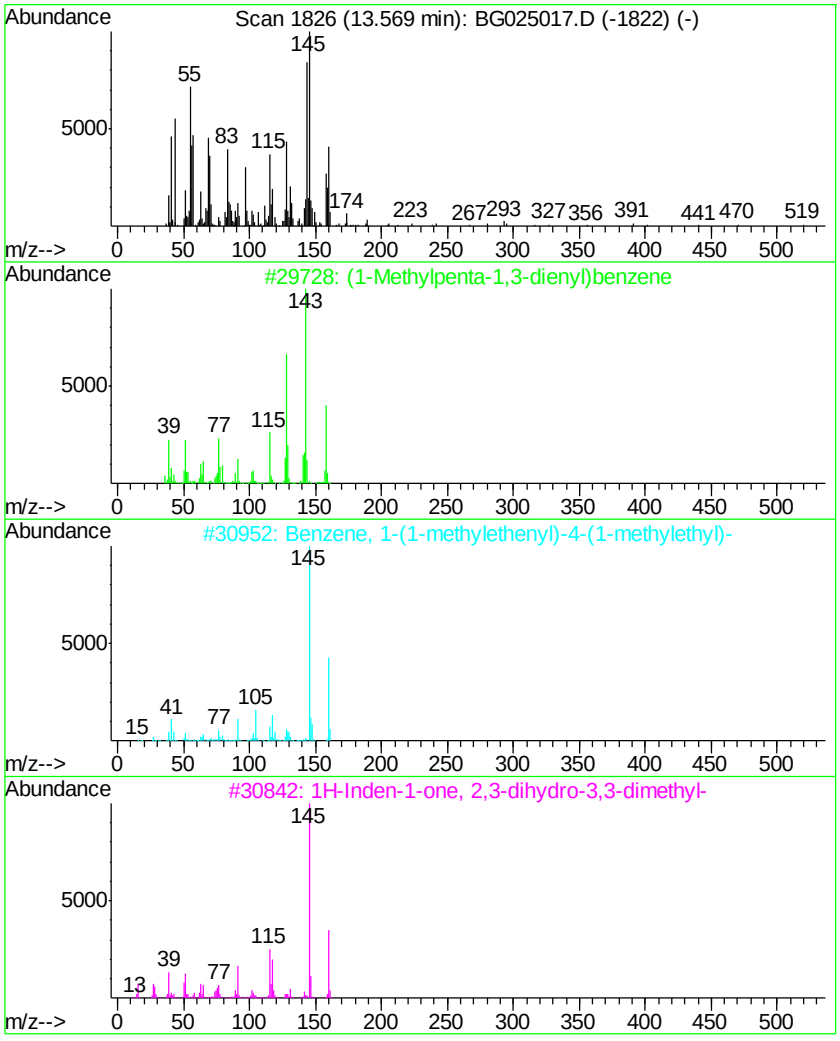
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

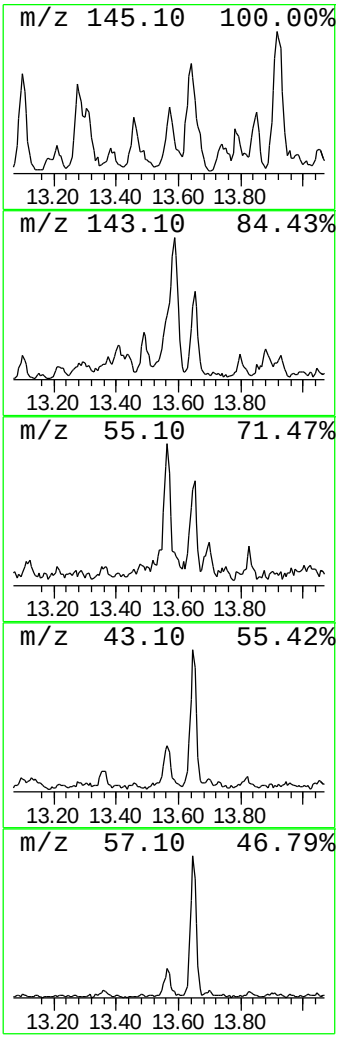
****

Peak Number 28 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	30.61 ng/ul	1164590	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylpenta-1,3-dienyl)benzene	158	C12H14	116669-49-9	38
2	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	38
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	38
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	30
5	(1-Methylenepent-2-enyl)benzene	158	C12H14	084313-24-6	30





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Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

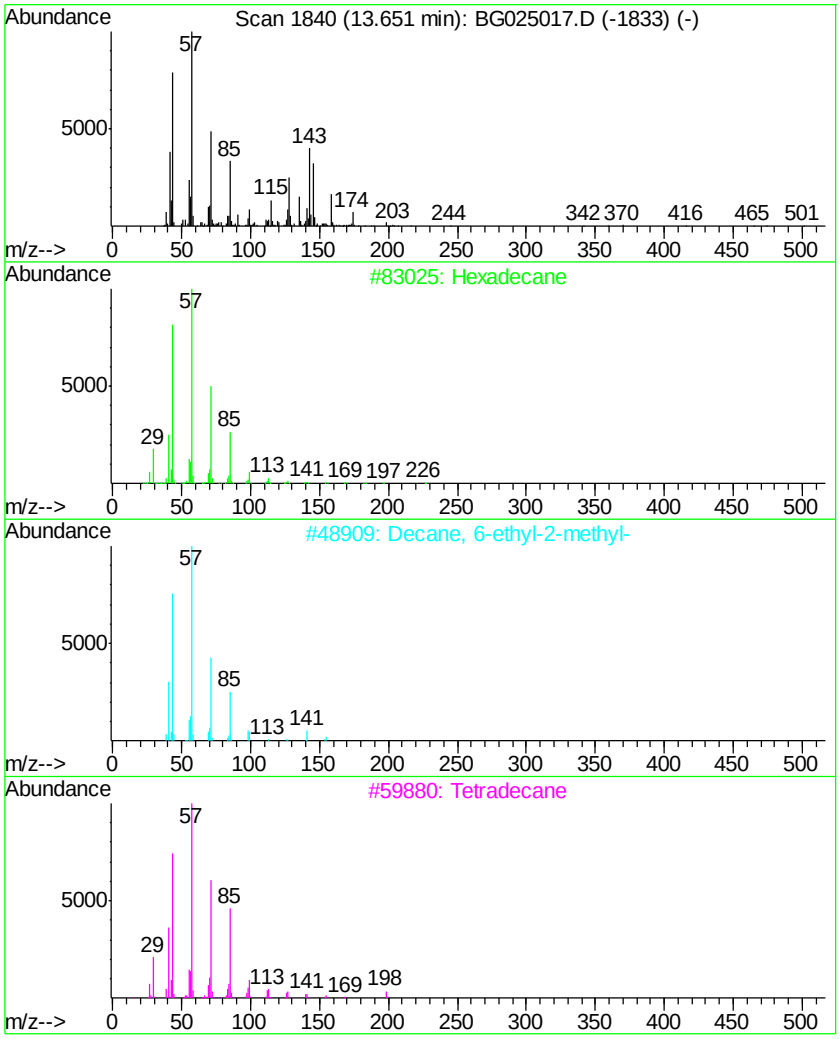
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

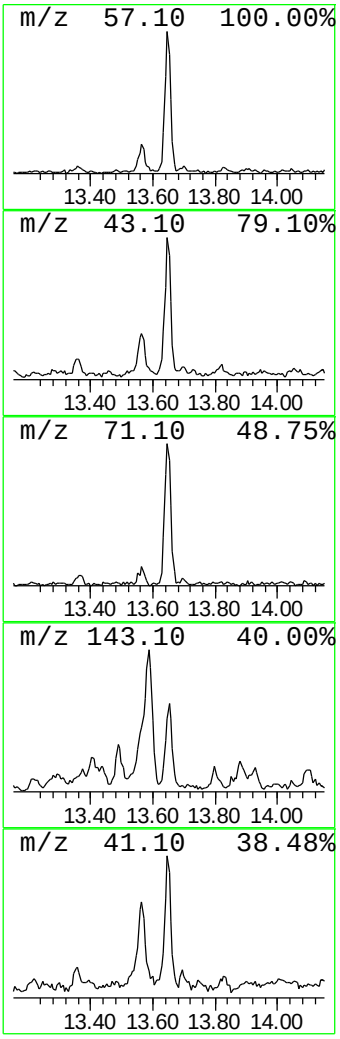
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	31.08 ng/ul	1182330	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	43
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43
3	Tetradecane	198	C14H30	000629-59-4	41
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	38
5	Pentadecane	212	C15H32	000629-62-9	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

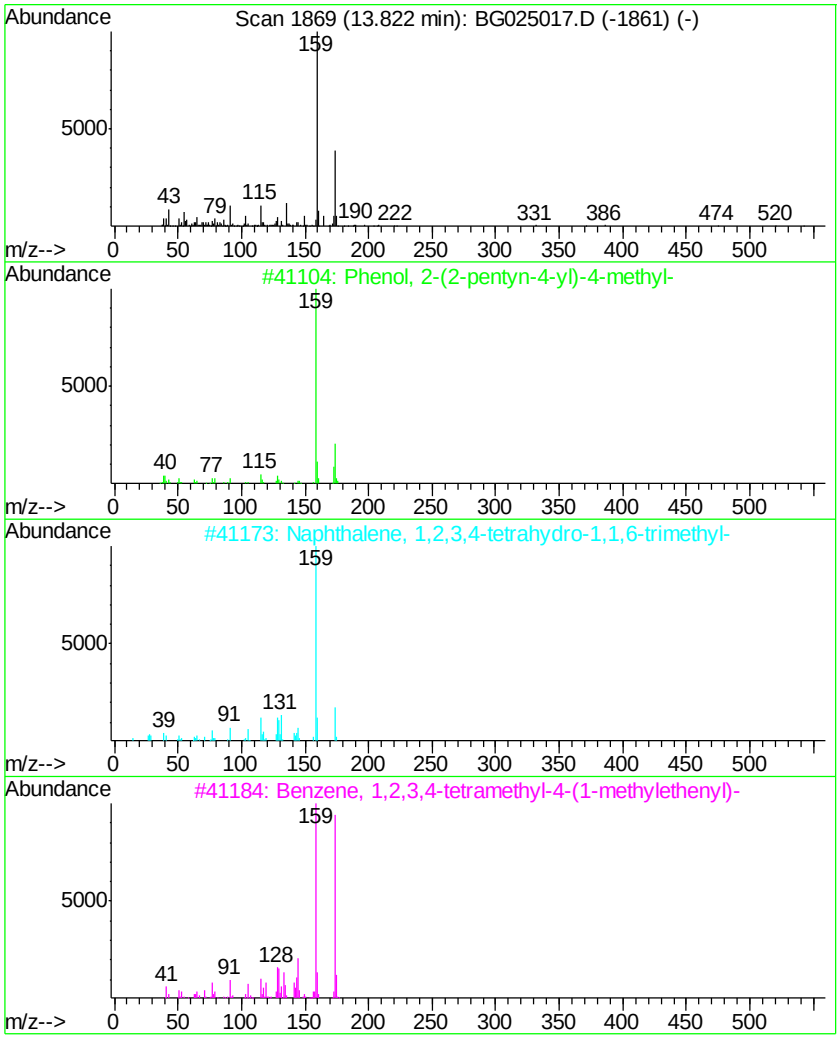
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

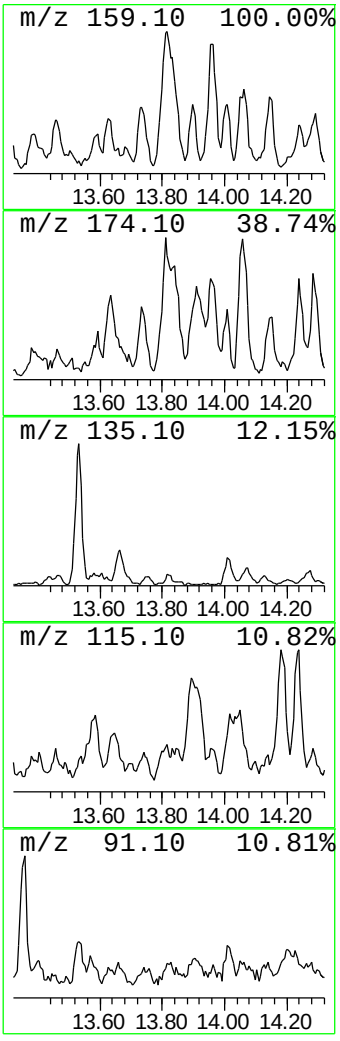
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Phenol, 2-(2-pentyn-4-yl)-4... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	28.72 ng/ul	1092630	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(2-pentyn-4-yl)-4-methyl-	174	C12H14O	1000258-83-7	81
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	72
3	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	72
4	5',6',7',8'-Tetrahydro-2'-aceton...	174	C12H14O	000774-55-0	64
5	Toluene, 4-(1,1-dimethyl-2-propy...	174	C12H14O	082719-54-8	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

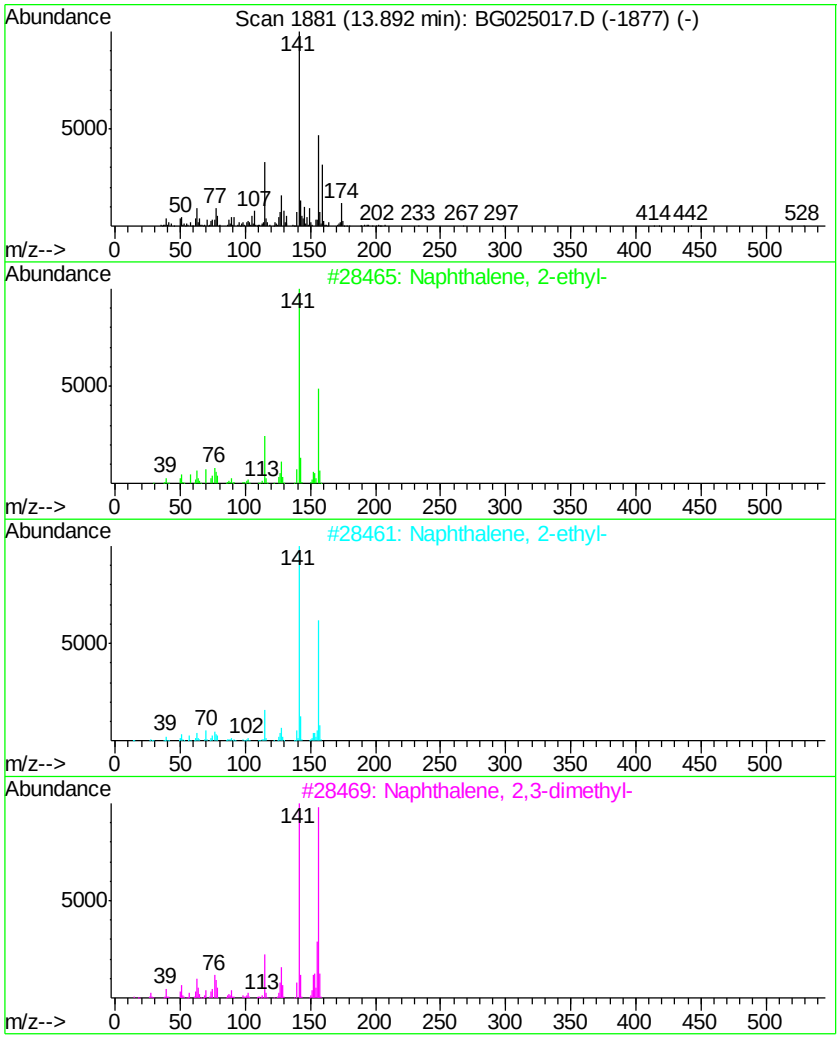
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

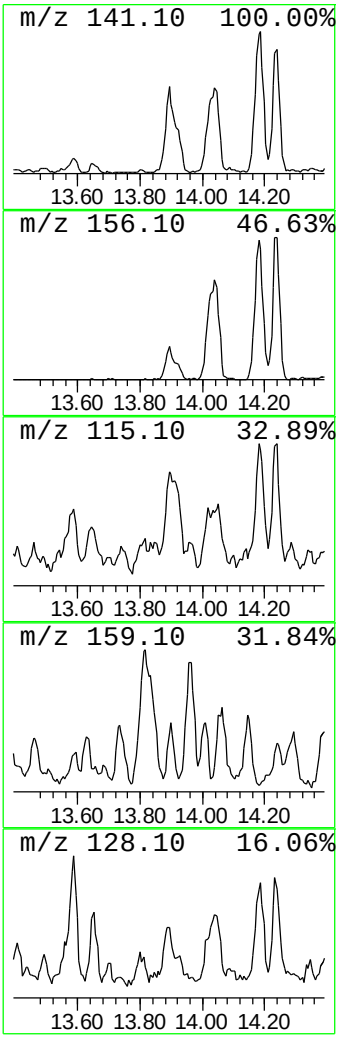
****

Peak Number 31 Naphthalene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	31.05 ng/ul	1181250	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	89
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	76
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	76
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	70





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

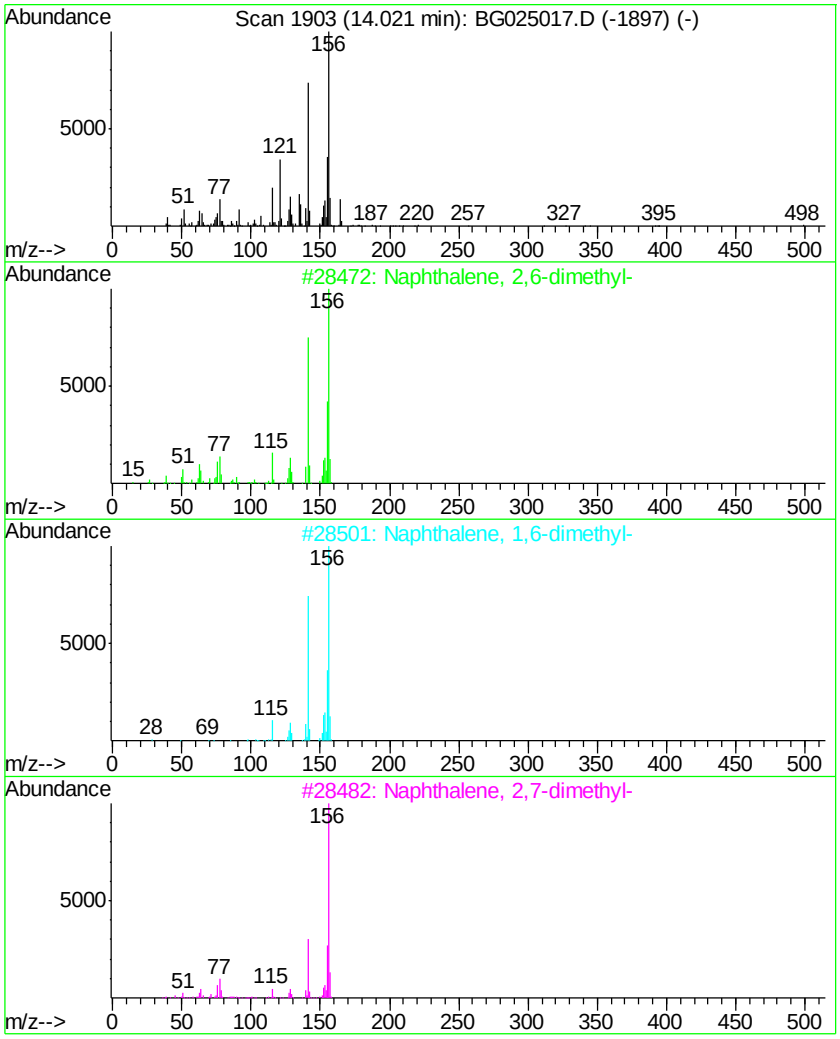
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

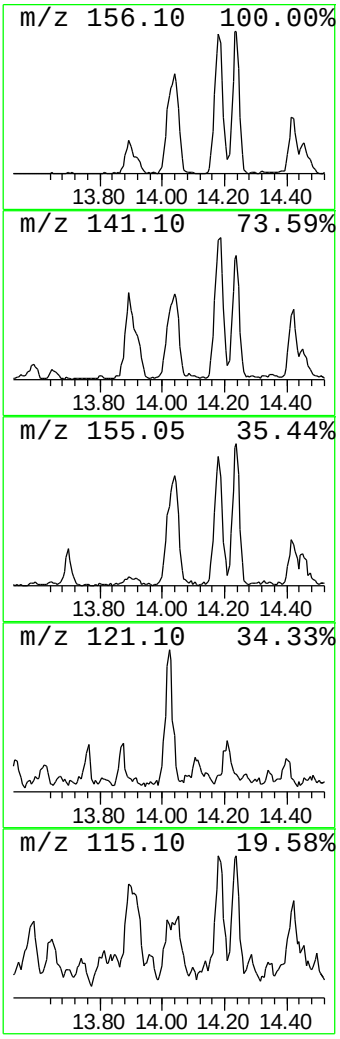
****

Peak Number 32 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	32.79 ng/ul	1247660	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

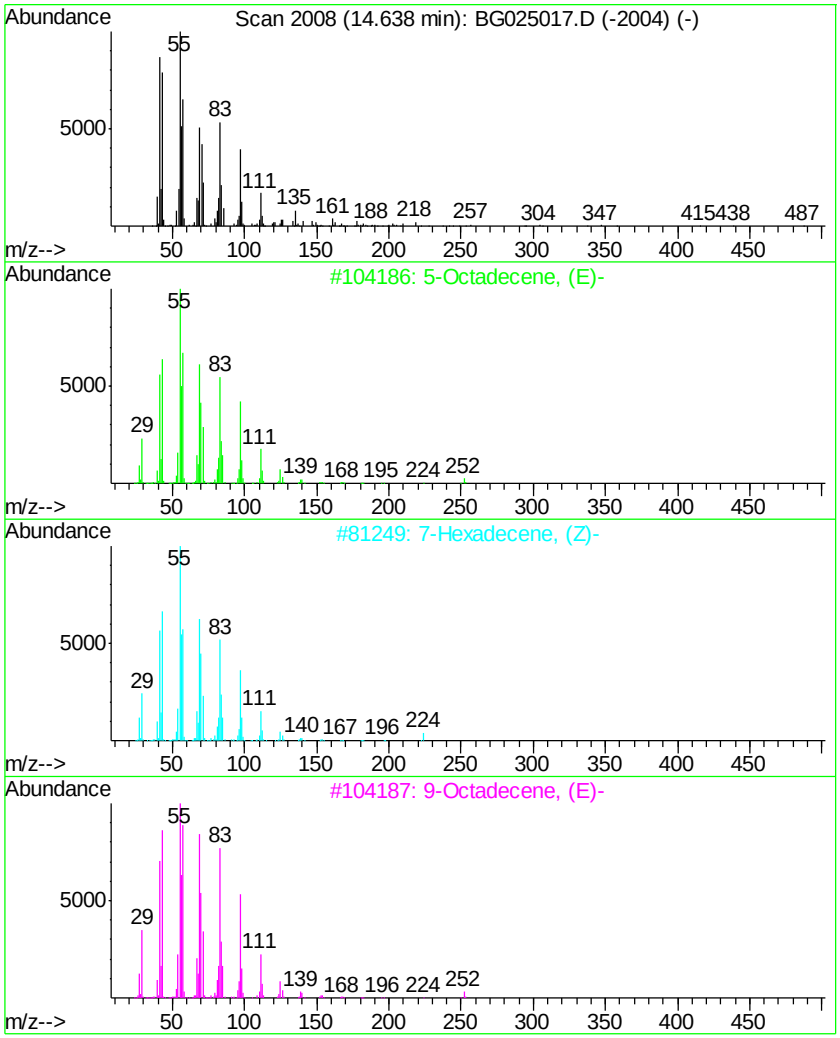
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

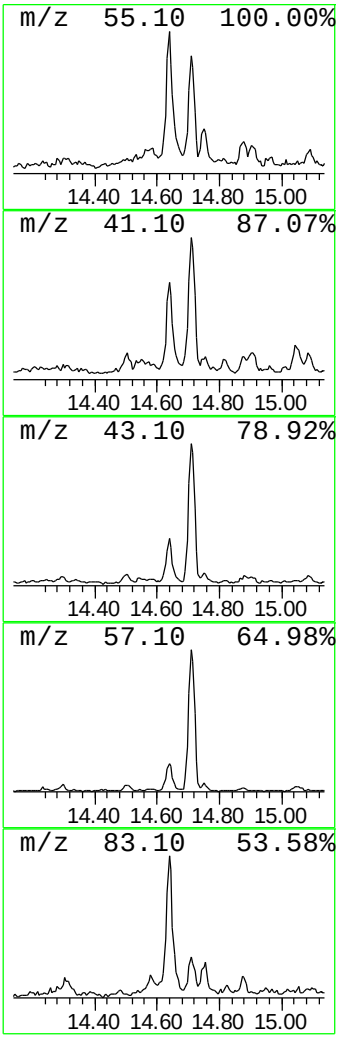
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	20.32 ng/ul	772920	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	91
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	90
4	Cyclooctane, methyl-	126	C9H18	001502-38-1	90
5	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

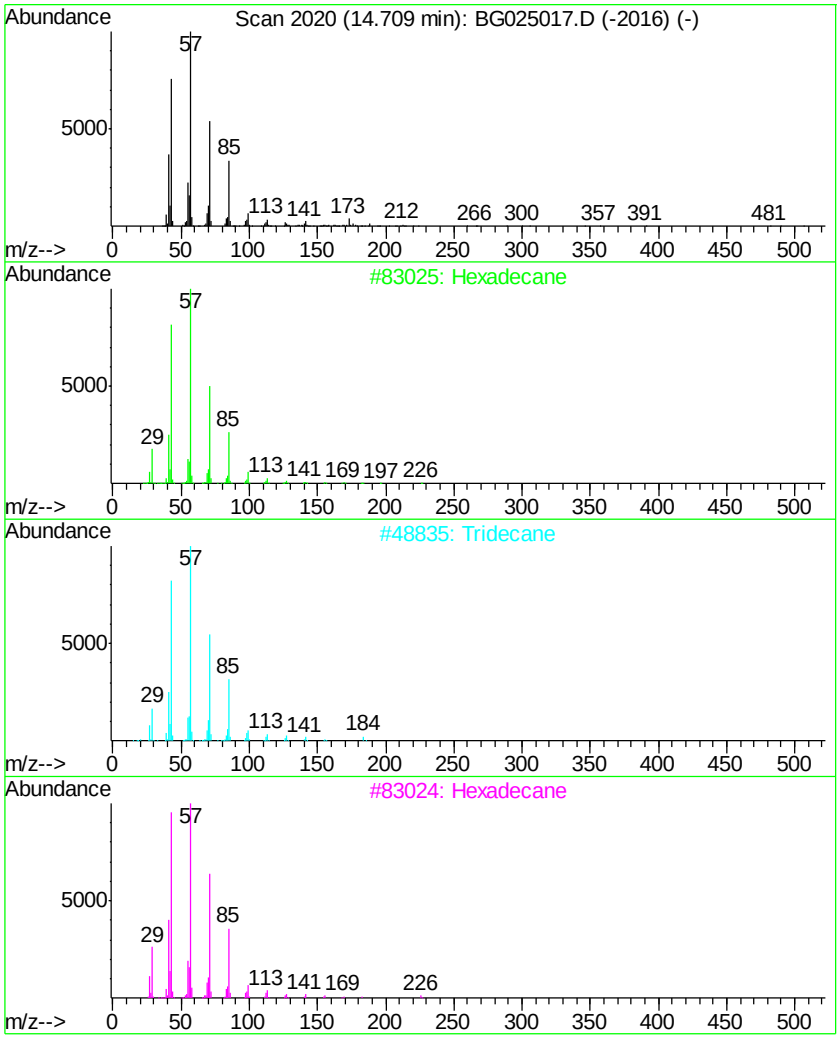
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

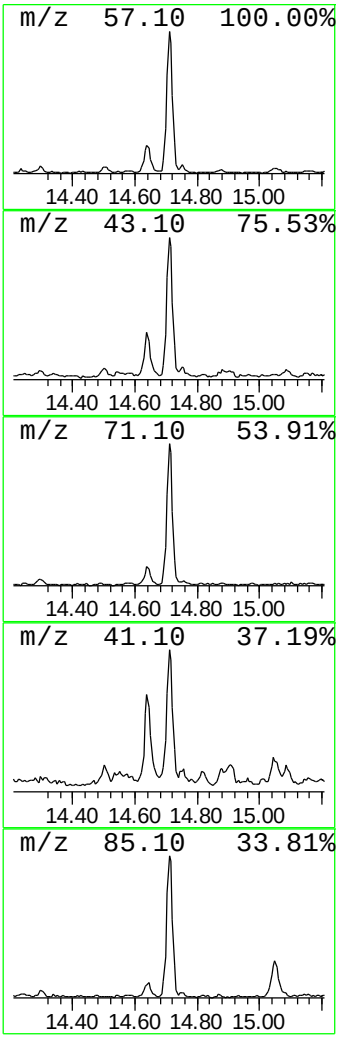
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	42.62 ng/ul	1621350	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

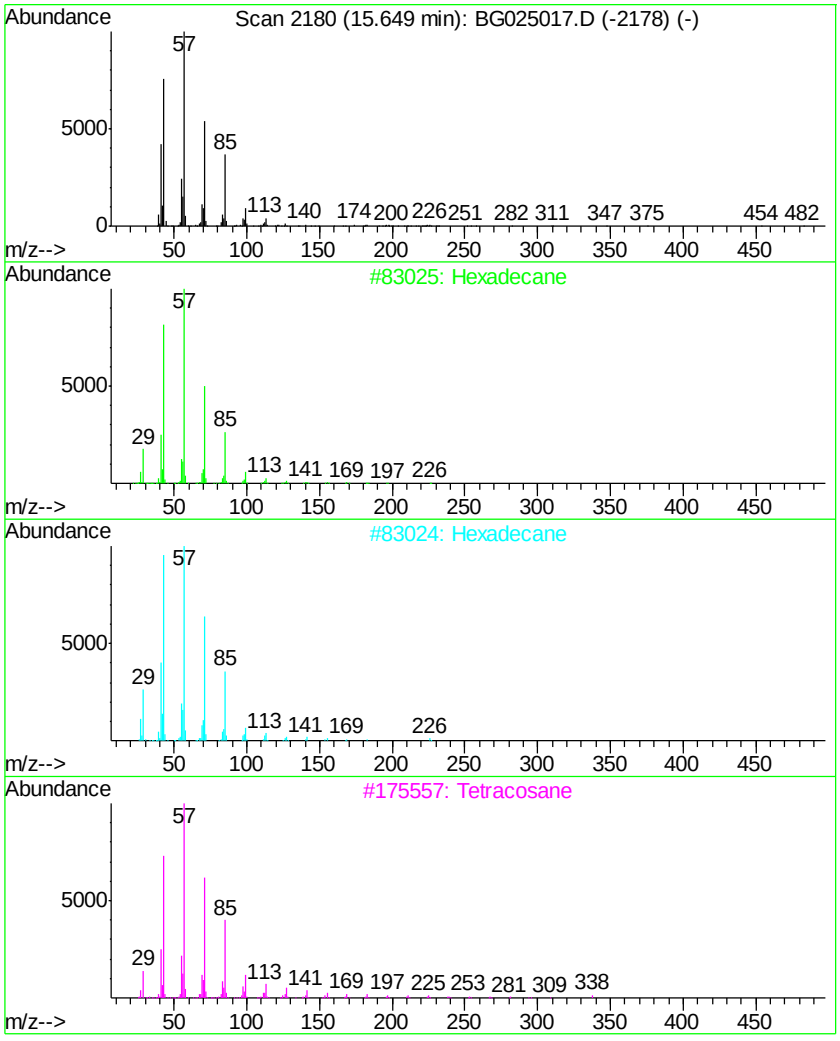
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

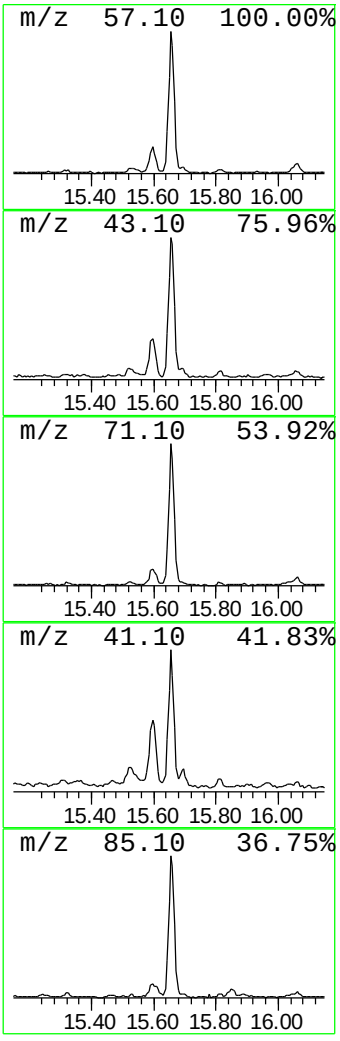
****

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	84.53 ng/ul	3216220	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Octacosane	394	C28H58	000630-02-4	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

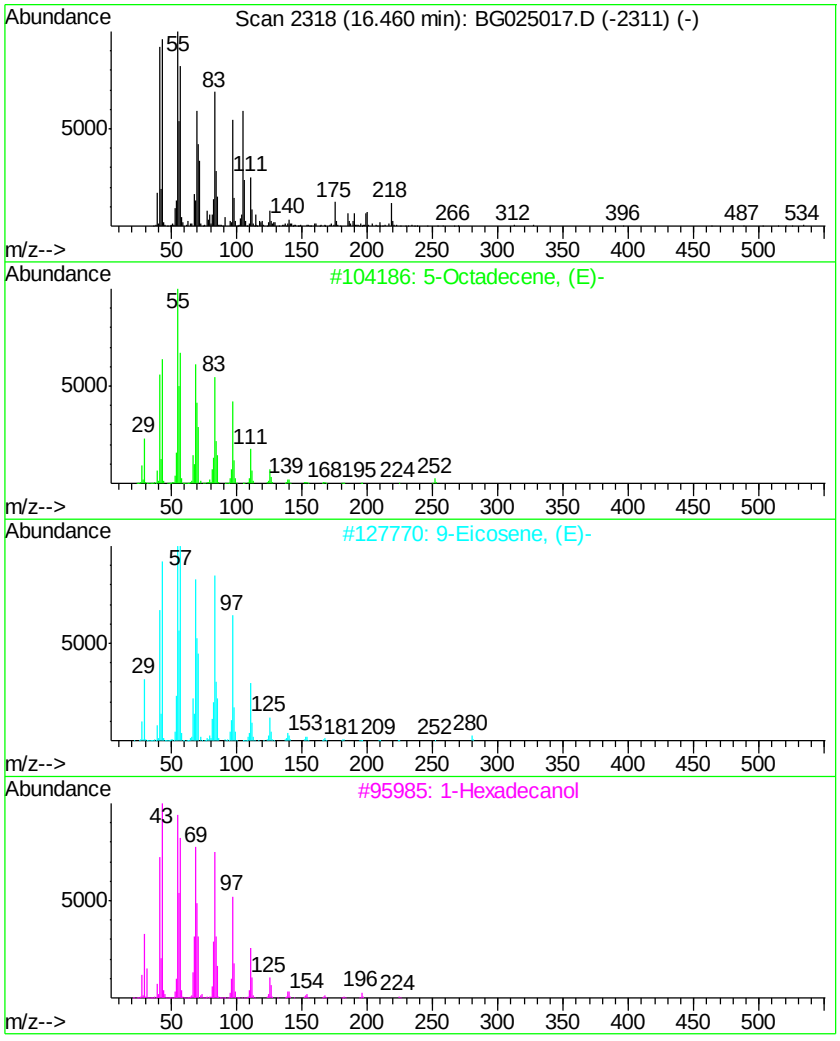
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

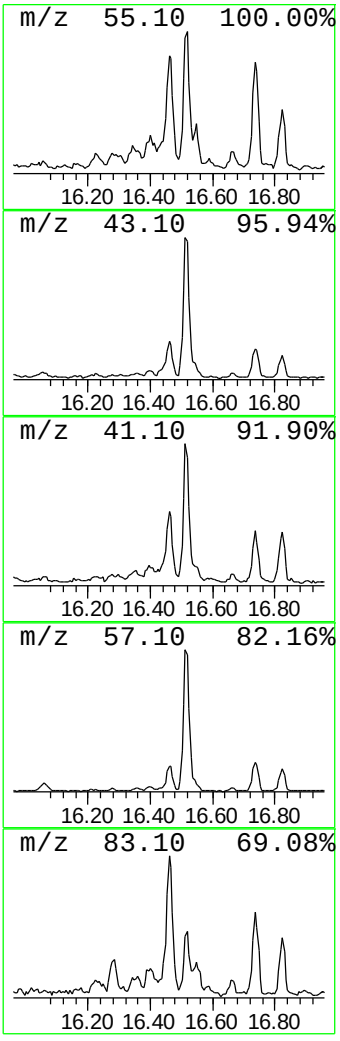
****

Peak Number 45 (DEL) Alkane: Cyclic16.46 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	25.58 ng/ul	1899080	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
3	1-Hexadecanol	242	C16H34O	036653-82-4	87
4	Cetene	224	C16H32	000629-73-2	87
5	1-Pentadecene	210	C15H30	013360-61-7	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

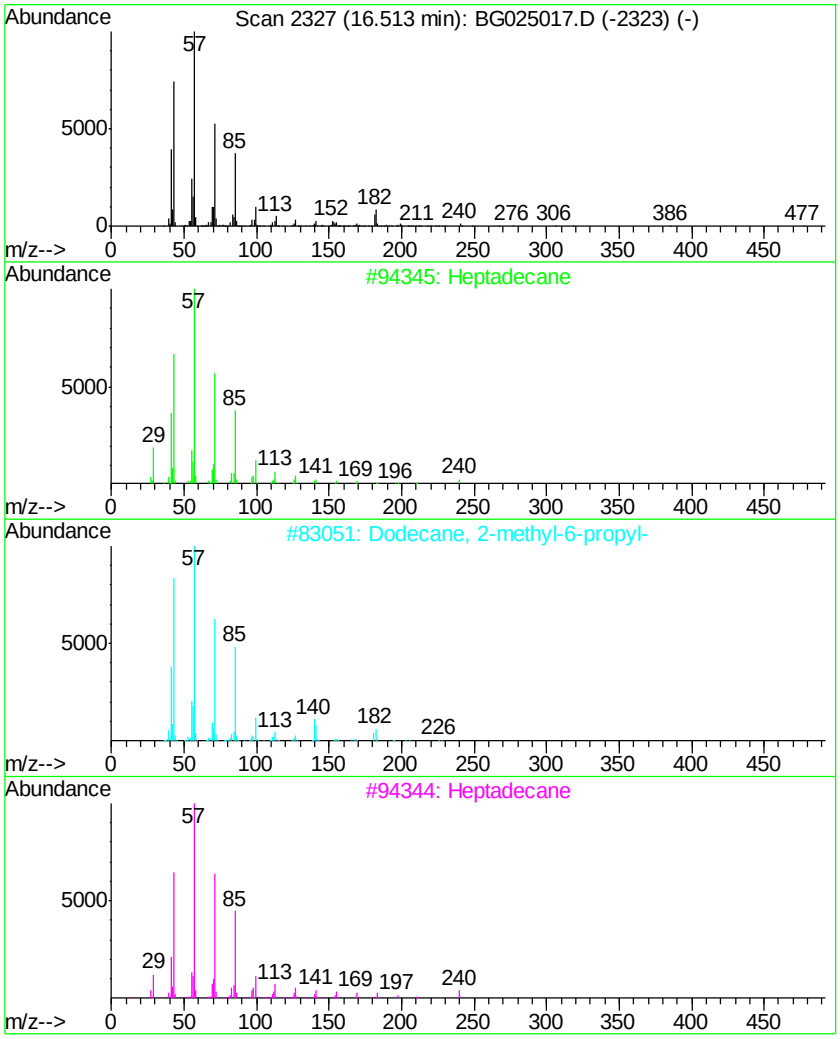
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

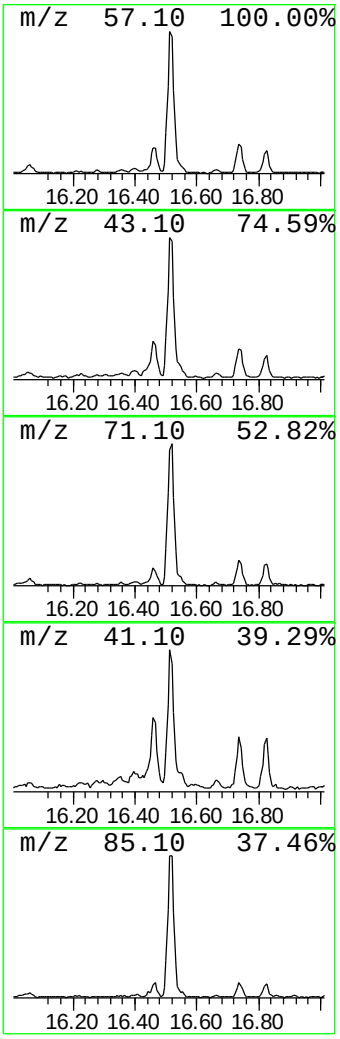
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	42.54 ng/ul	3158170	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	95
3	Heptadecane	240	C17H36	000629-78-7	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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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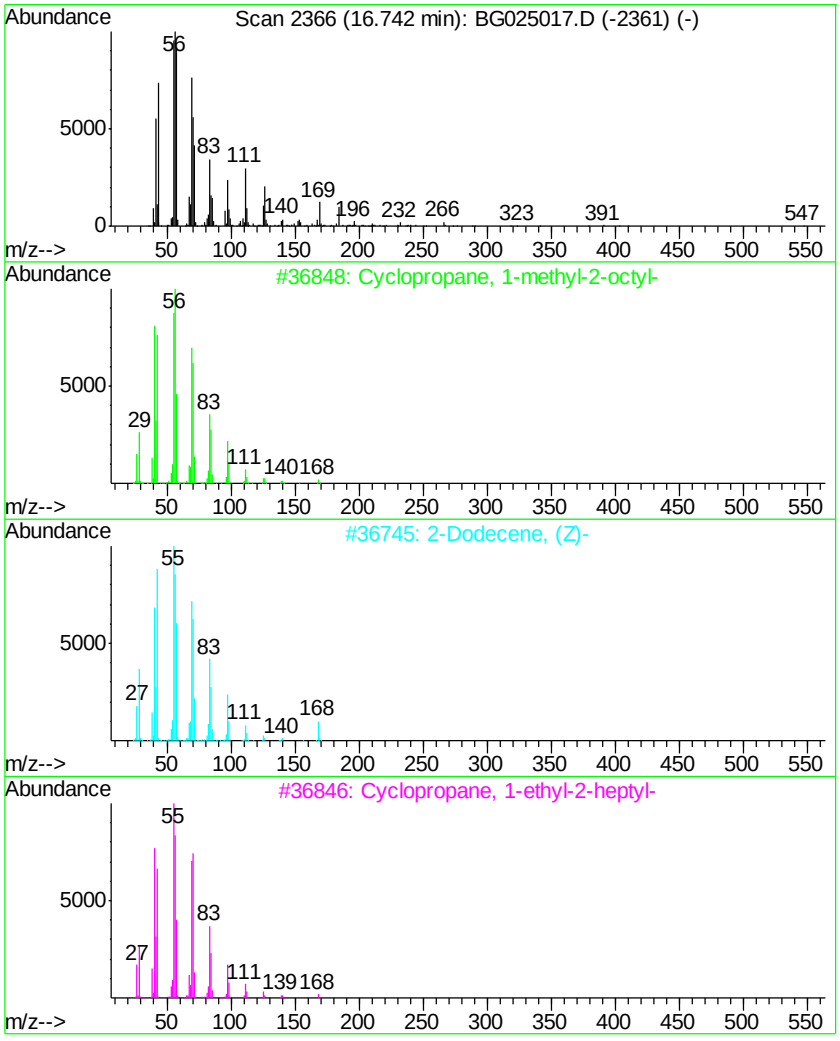
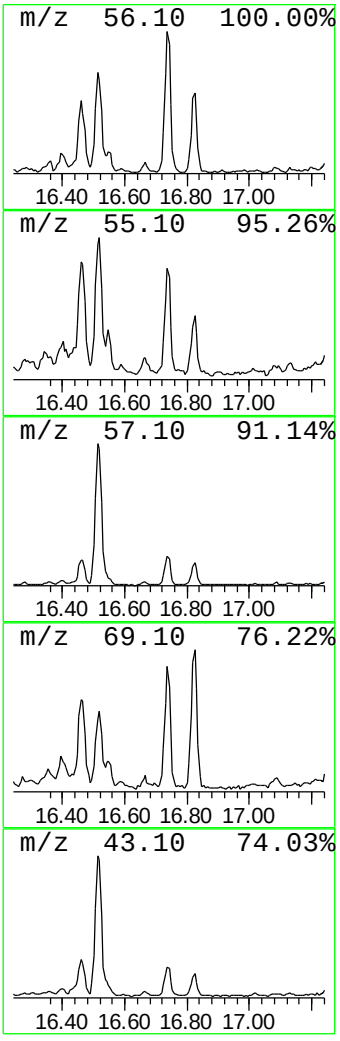
Peak Number 47 (DEL) Alkane: Cyclic16.74 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	14.28 ng/ul	1060330	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	74
2	2-Dodecene, (Z)-	168	C12H24	007206-26-0	72
3	Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	62
4	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	58
5	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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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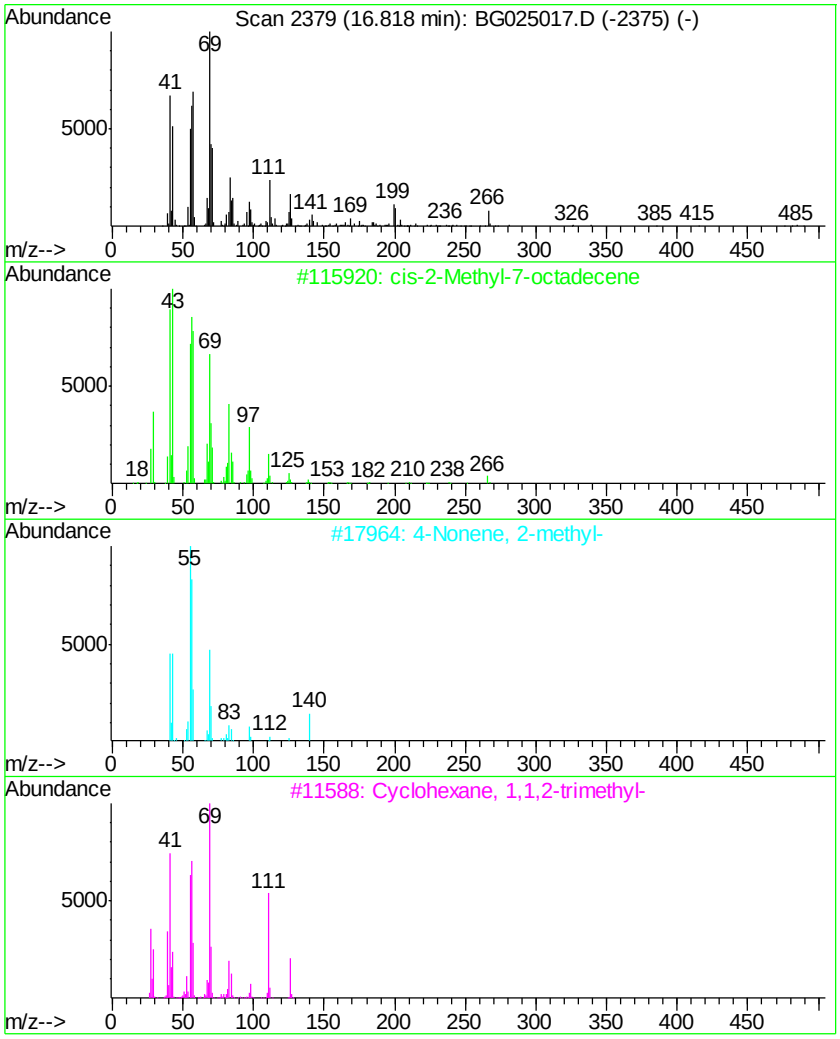
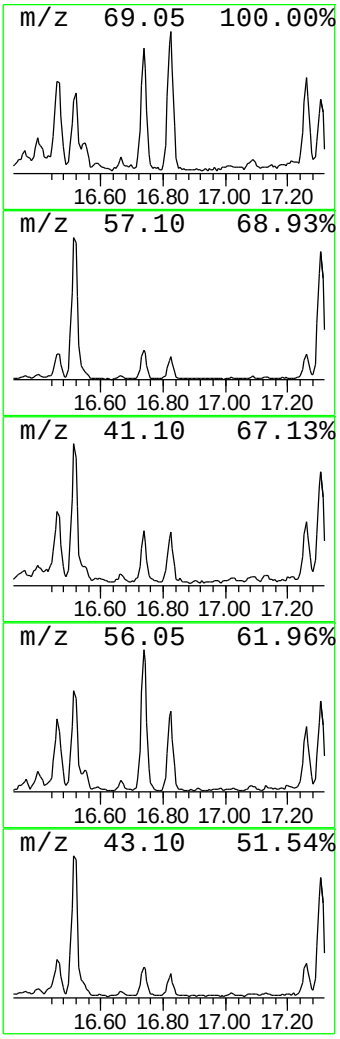
Peak Number 48 (DEL) Alkane: Cyclic16.82 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	14.42 ng/ul	1070740	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2-Methyl-7-octadecene	266	C19H38	035354-39-3	58
2	4-Nonene, 2-methyl-	140	C10H20	055724-84-0	49
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
4	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	46
5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

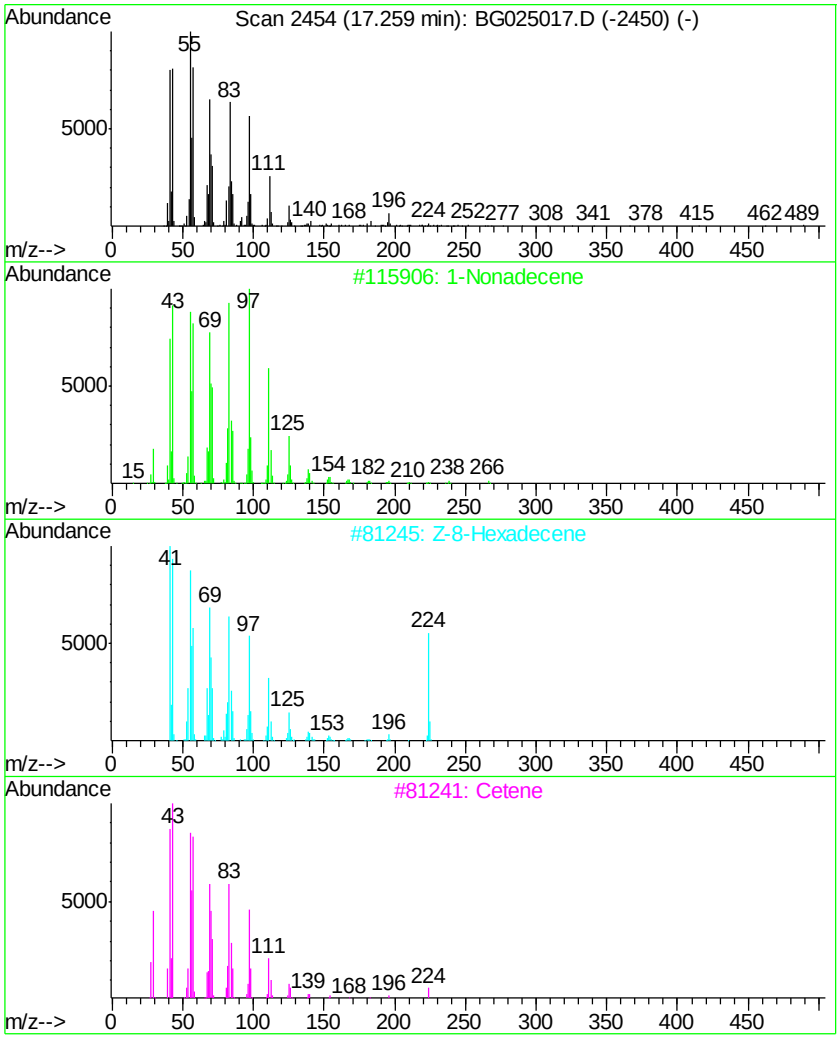
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

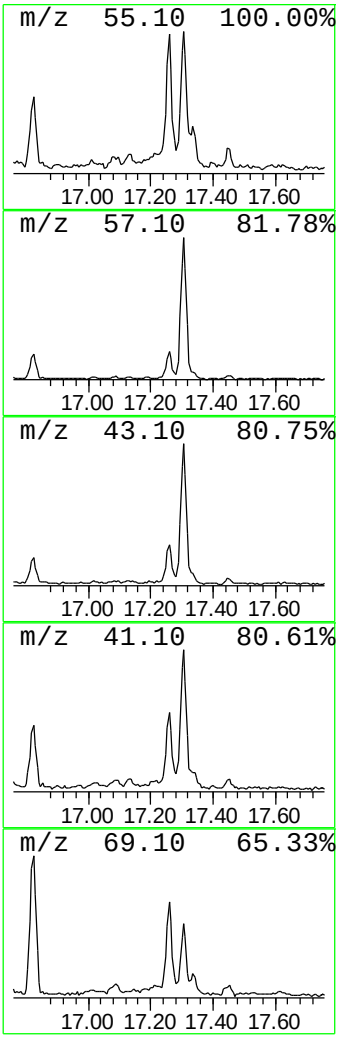
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Cyclic17.26 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	16.23 ng/ul	1204620	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Z-8-Hexadecene	224	C16H32	1000130-87-5	96
3	Cetene	224	C16H32	000629-73-2	94
4	1-Hexadecanol	242	C16H34O	036653-82-4	94
5	1-Pentadecene	210	C15H30	013360-61-7	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

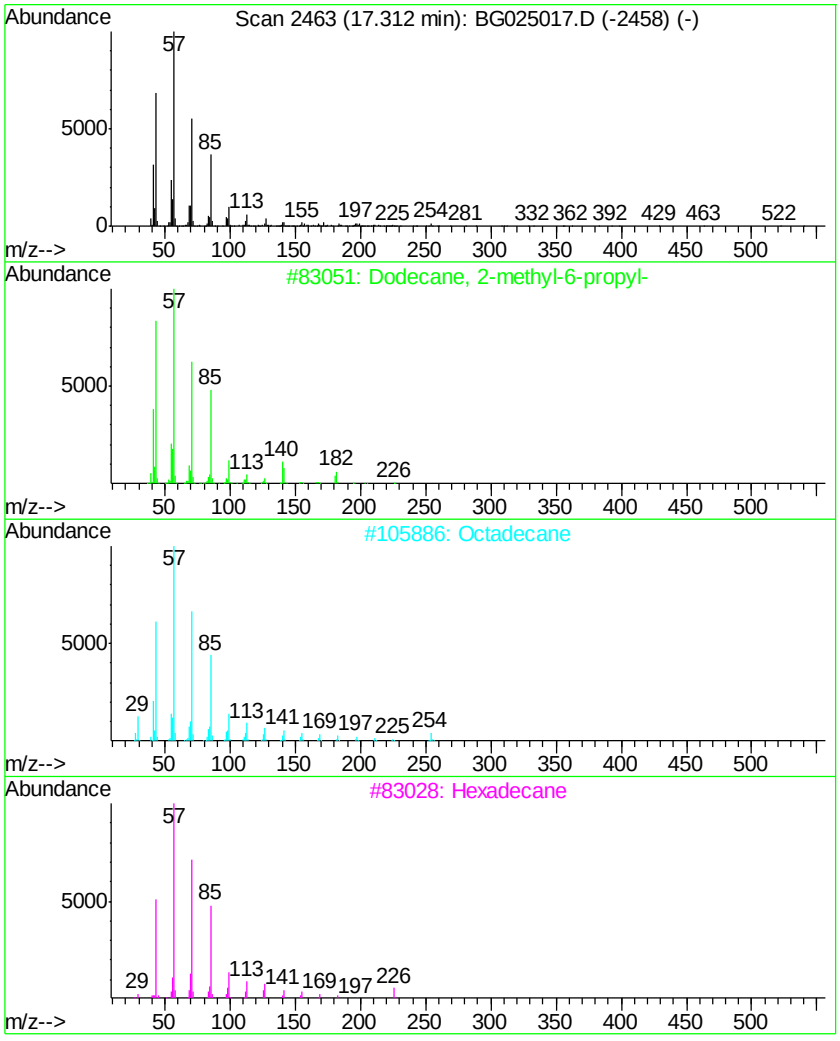
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

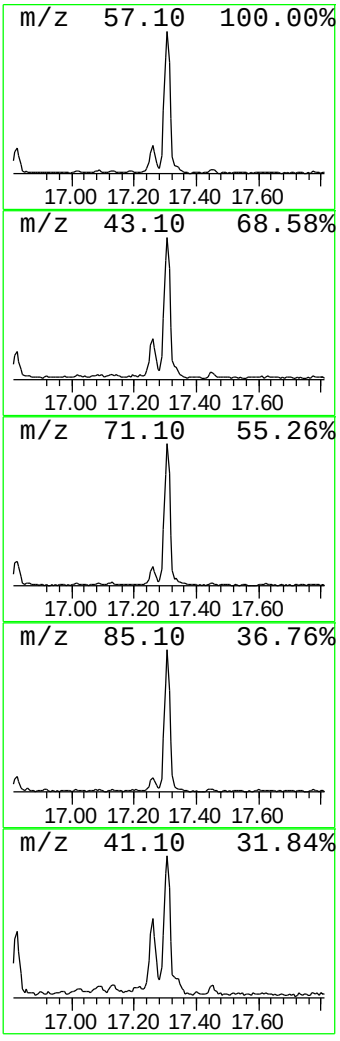
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	42.59 ng/ul	3162310	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
5	Tetradecane	198	C14H30	000629-59-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

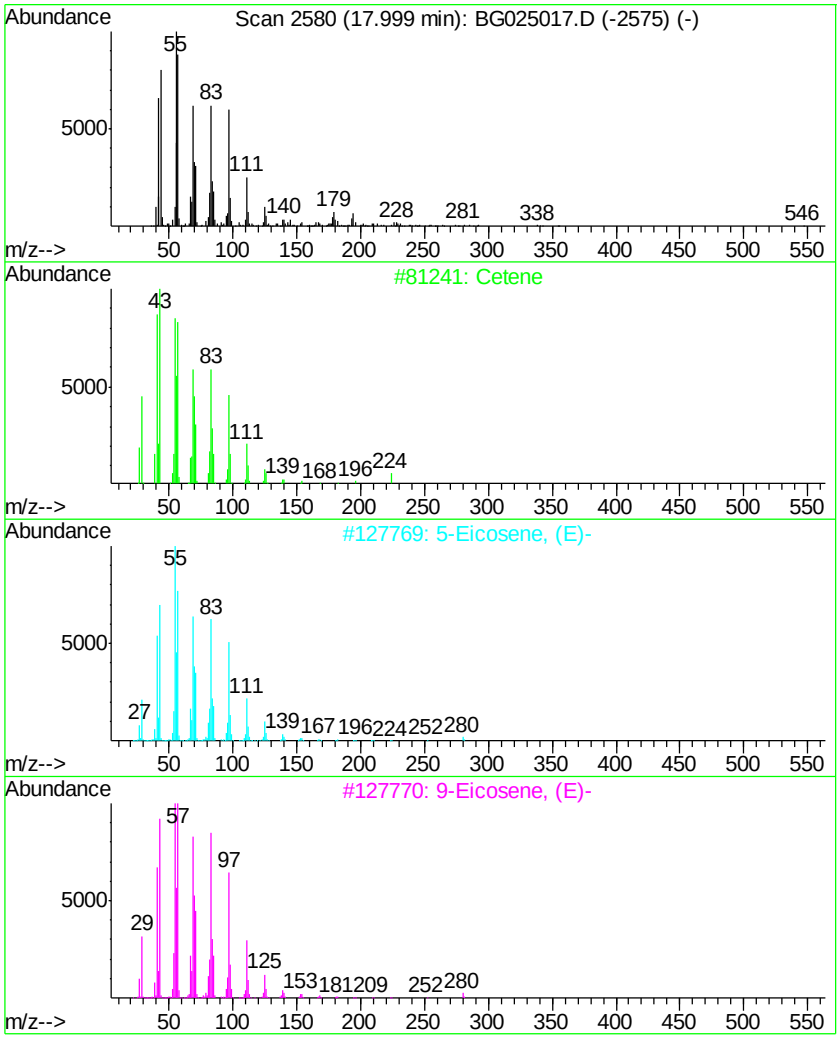
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

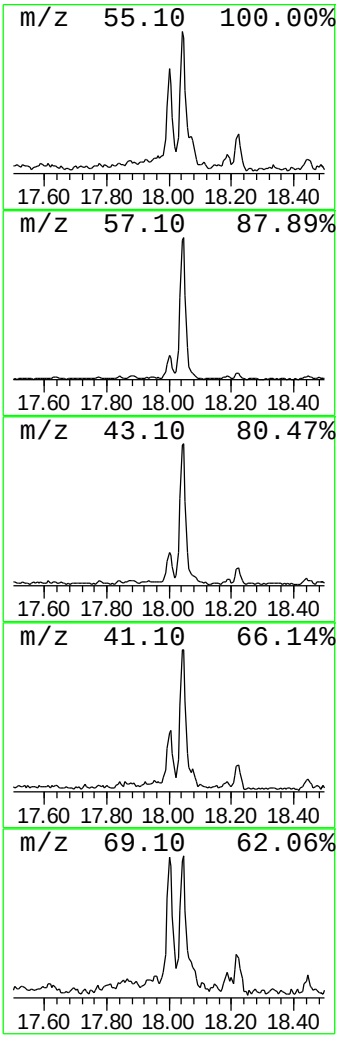
****

Peak Number 54 (DEL) Alkane: Cyclic18.00 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	11.01 ng/ul	817451	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	94
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

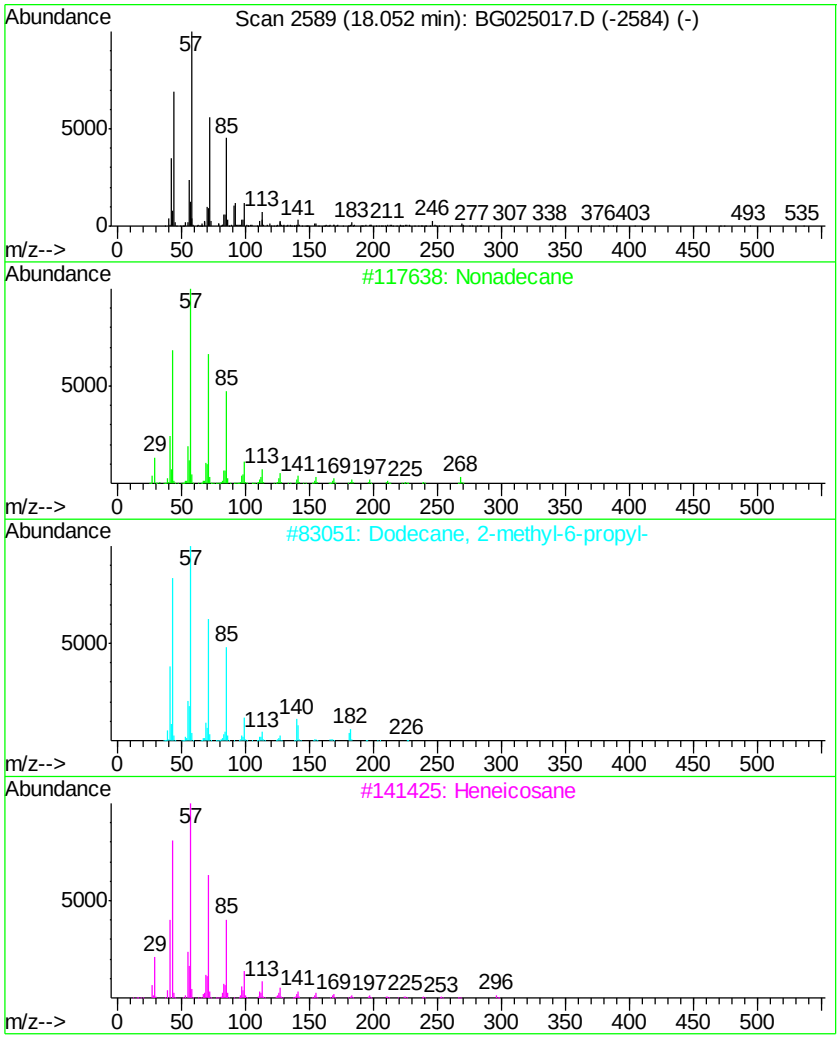
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

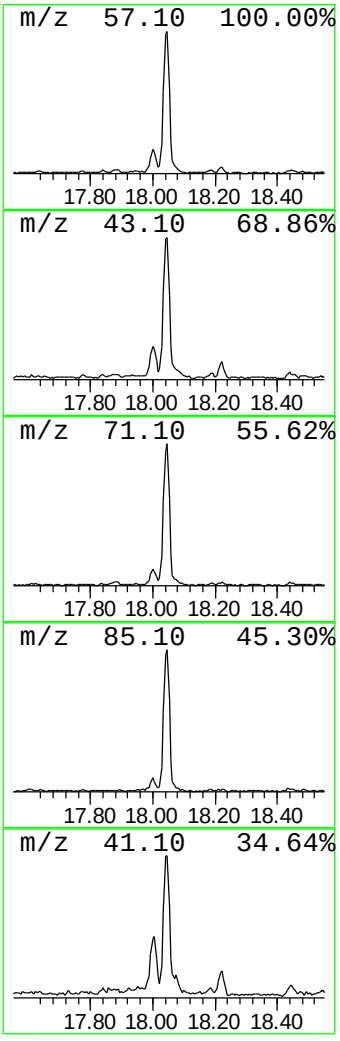
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	35.45 ng/ul	2631620	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

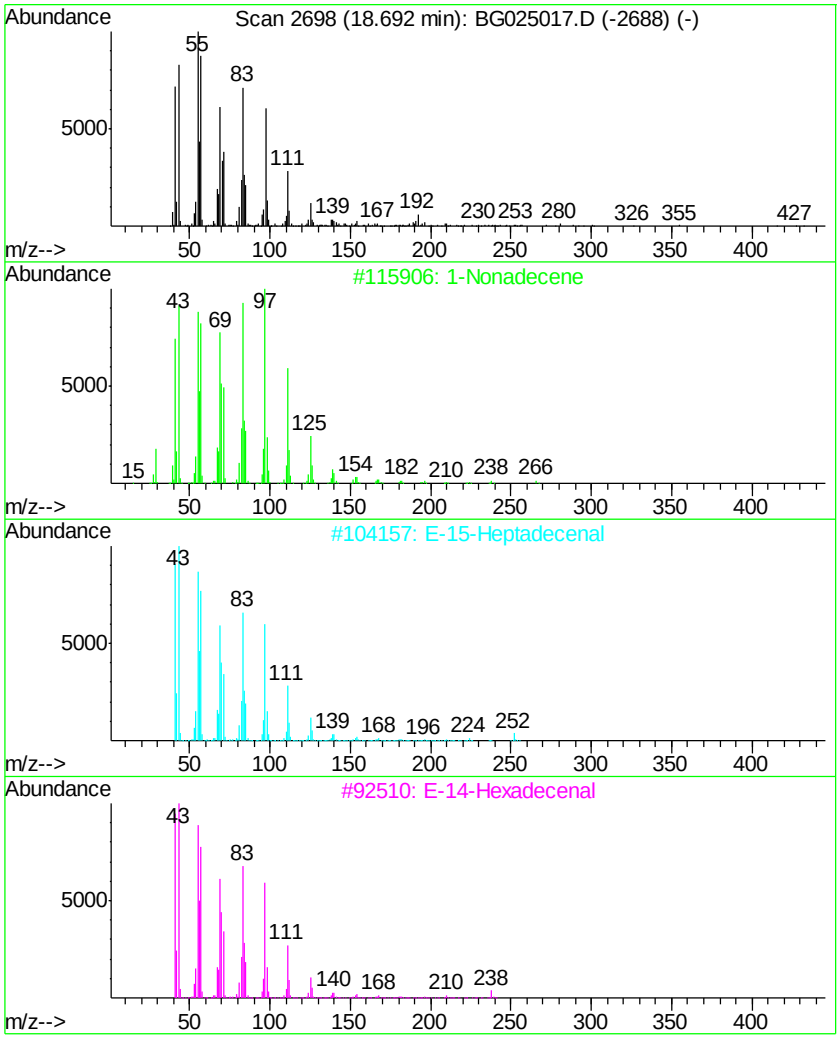
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

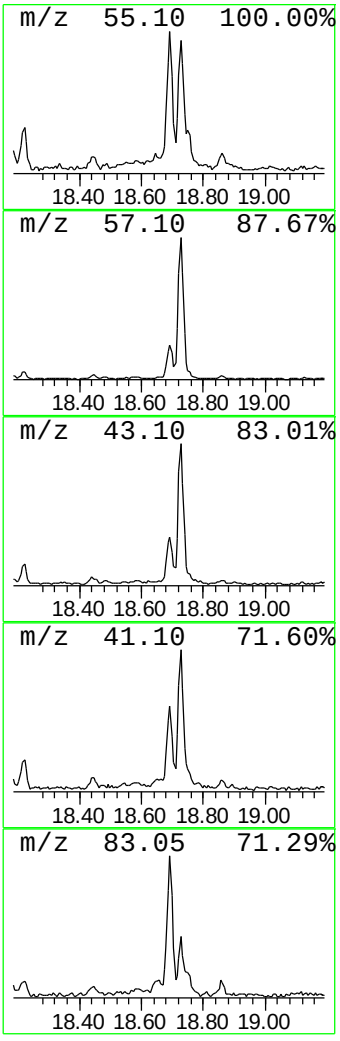
****

Peak Number 57 (DEL) Alkane: Cyclic18.69 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	15.19 ng/ul	1127630	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
4	Cycloeicosane	280	C20H40	000296-56-0	91
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

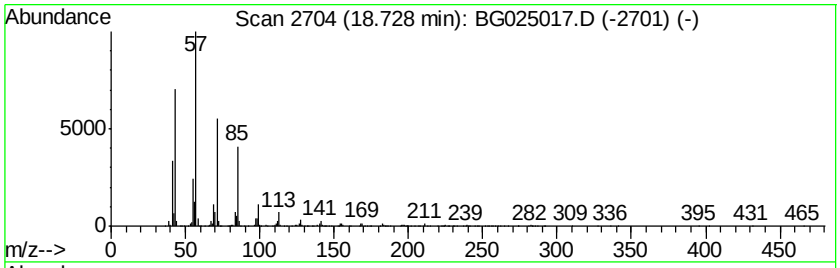
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

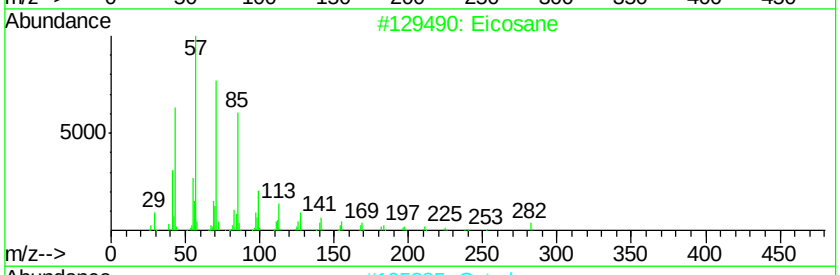
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

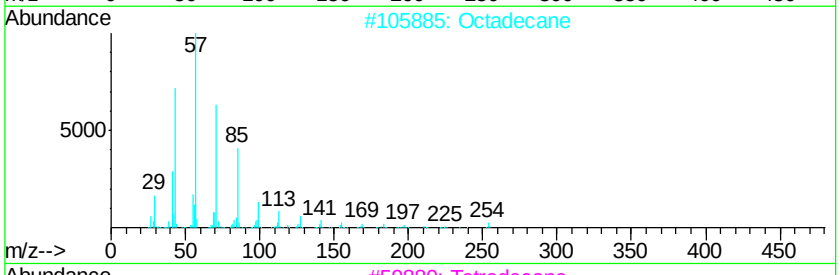
****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 22

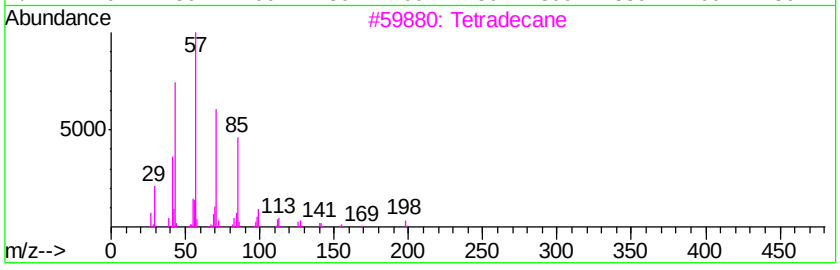
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	27.36 ng/ul	2031360	Phenanthrene-d10	17.61

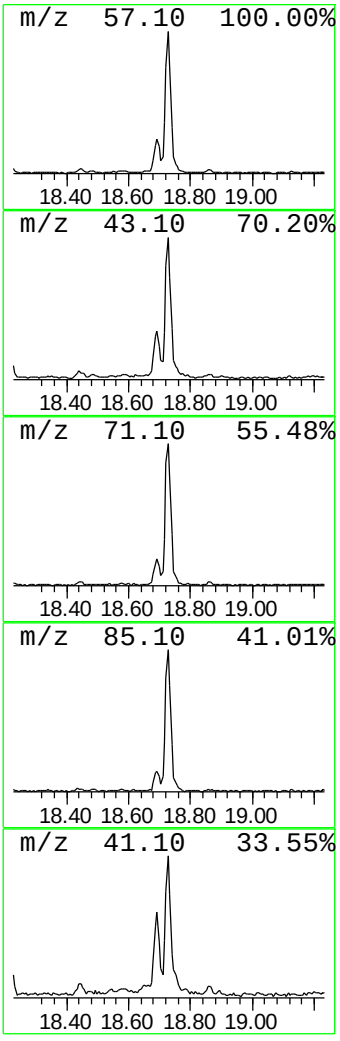
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Octadecane	254	C18H38	000593-45-3	94
3	Tetradecane	198	C14H30	000629-59-4	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80











Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

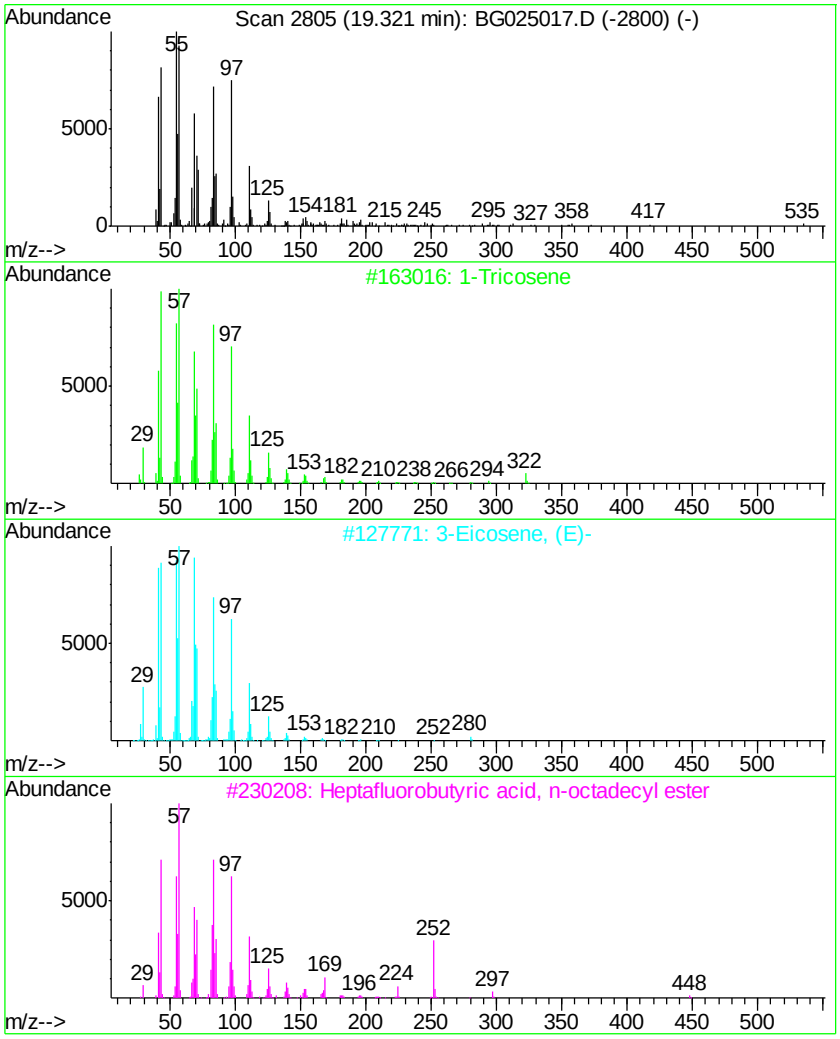
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

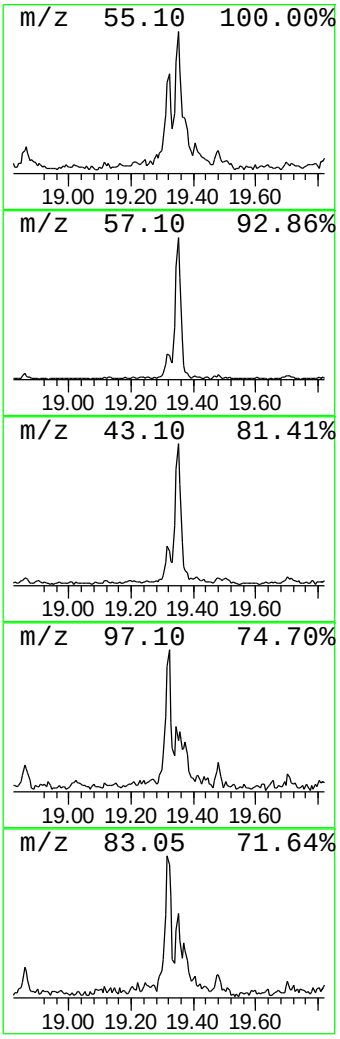
****

Peak Number 59 (DEL) Alkane: Cyclic19.32 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	6.59 ng/ul	489383	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

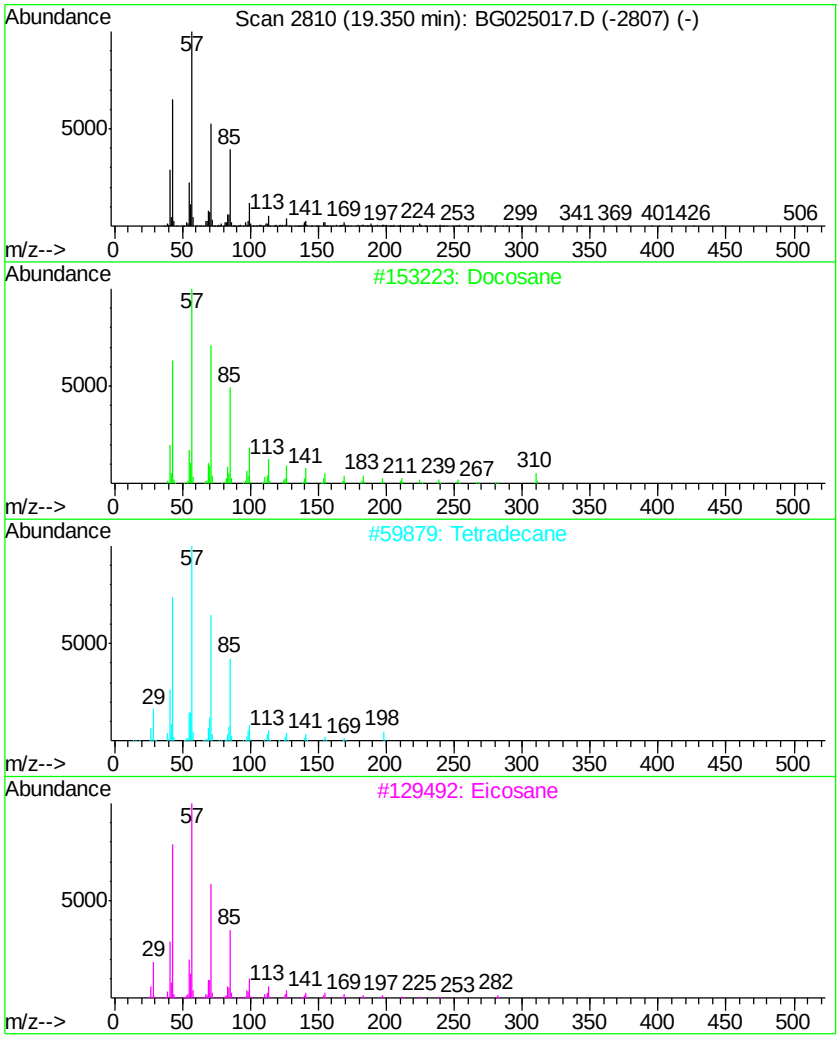
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

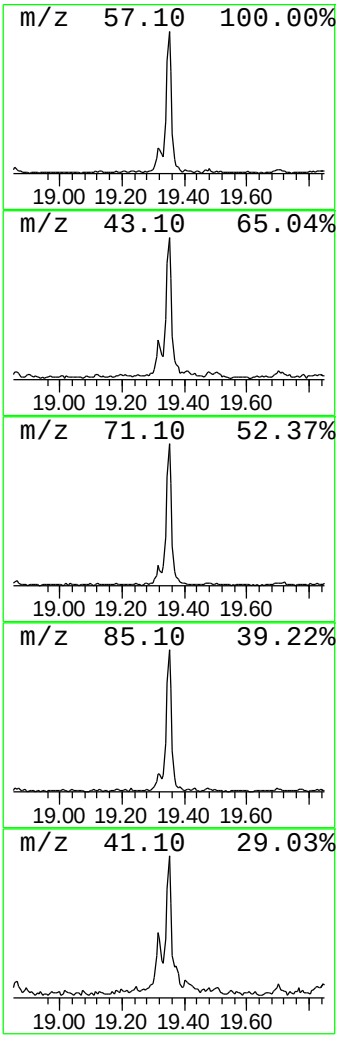
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	17.87 ng/ul	1326970	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Tetradecane	198	C14H30	000629-59-4	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

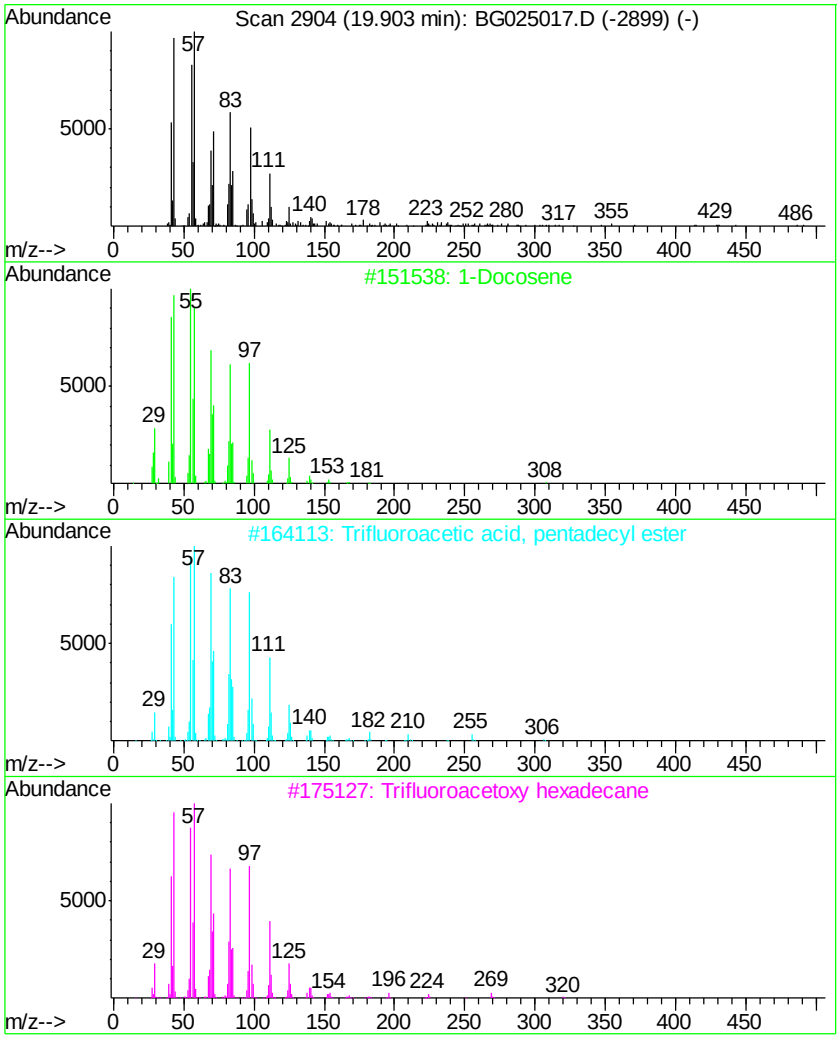
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

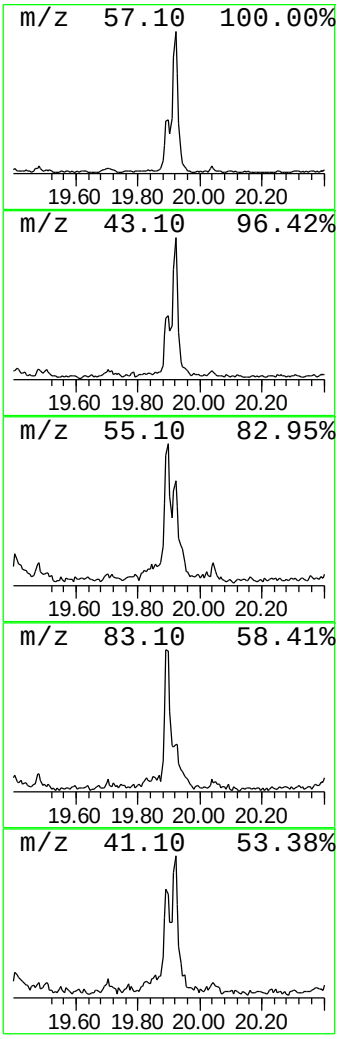
****

Peak Number 61 (DEL) Alkane: Cyclic19.90 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	6.34 ng/ul	698382	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
5	1-Tricosene	322	C23H46	018835-32-0	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

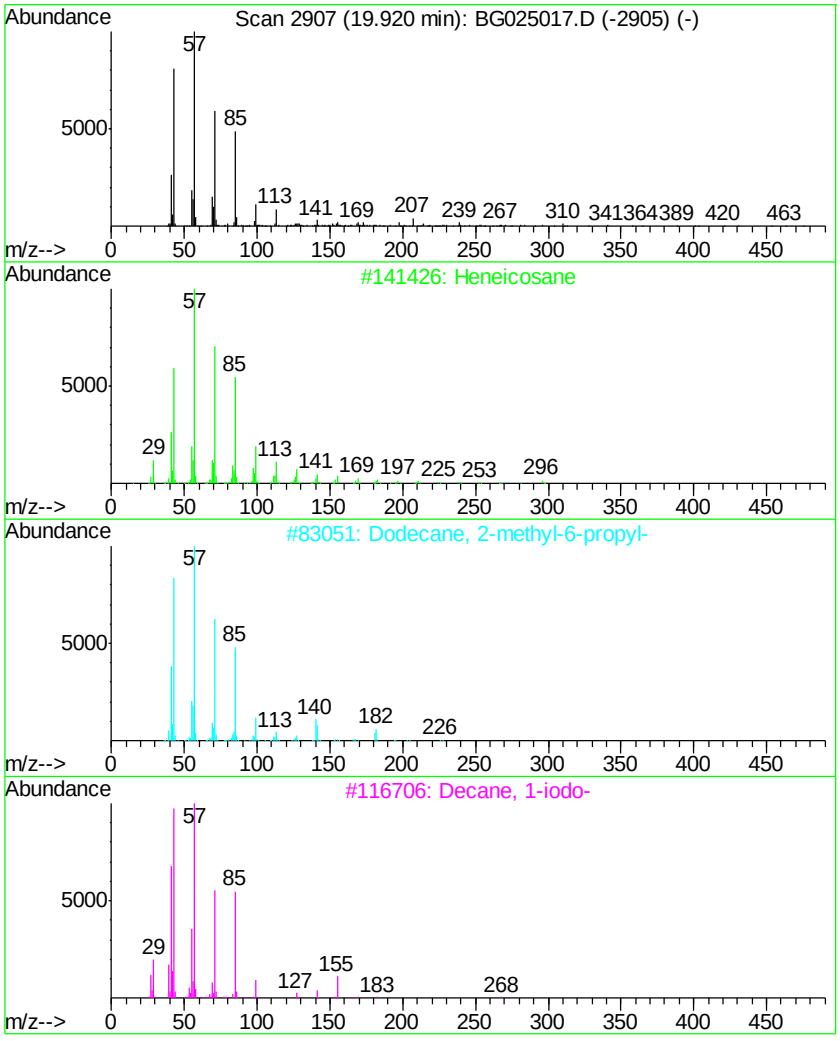
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

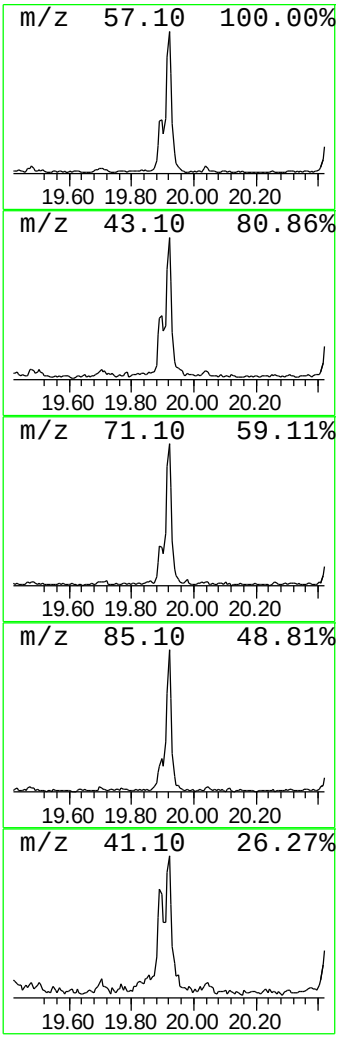
****

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	6.96 ng/ul	767113	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

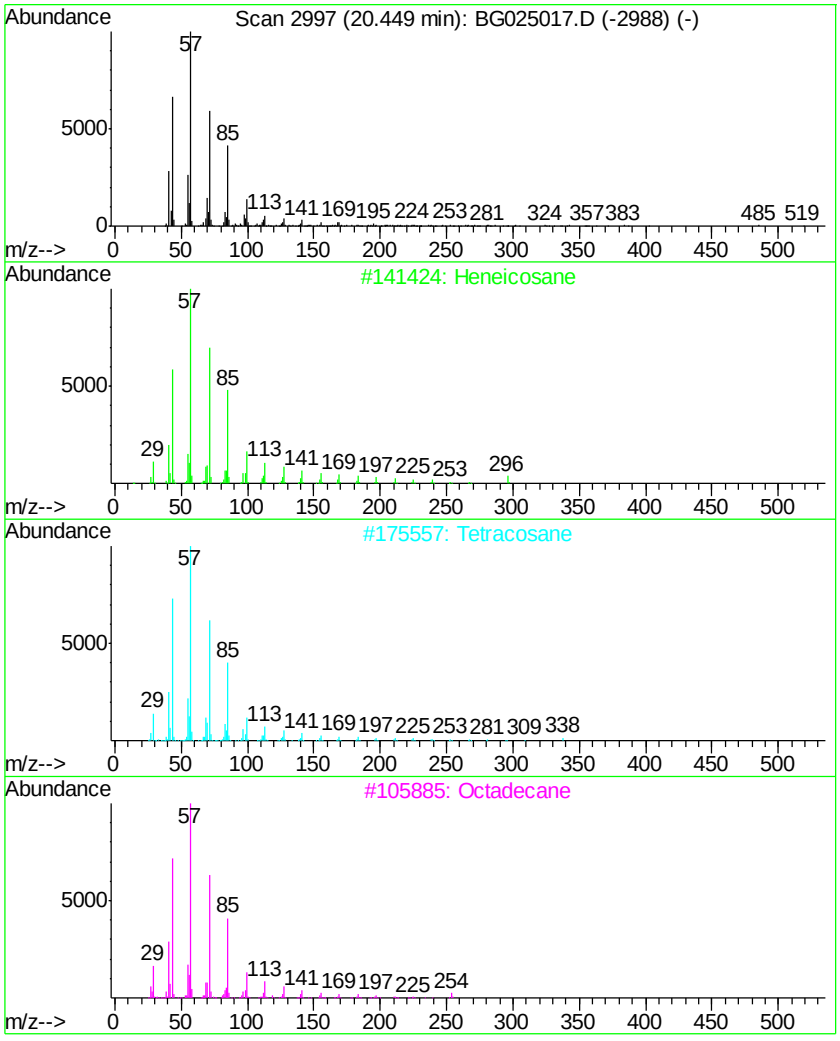
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

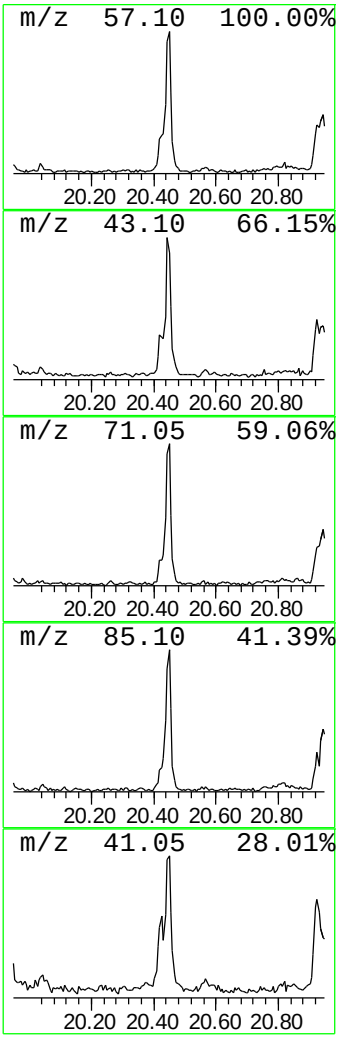
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	10.10 ng/ul	1112910	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tricosane	324	C23H48	000638-67-5	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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

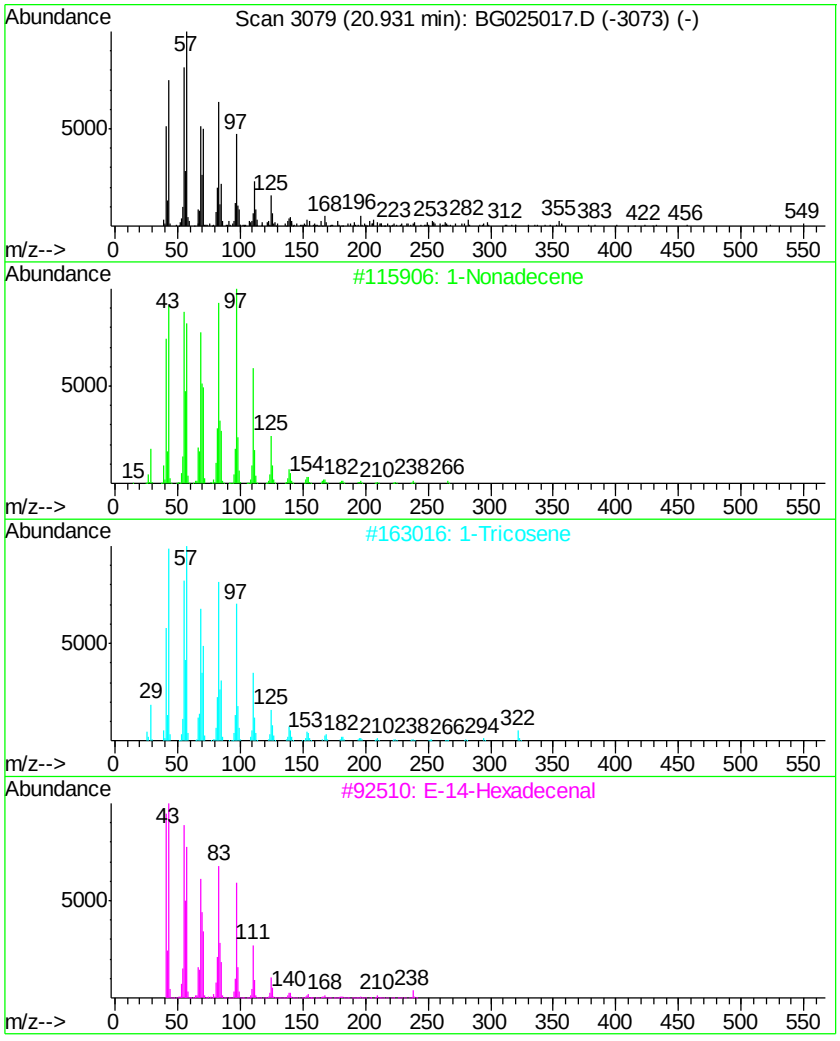
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

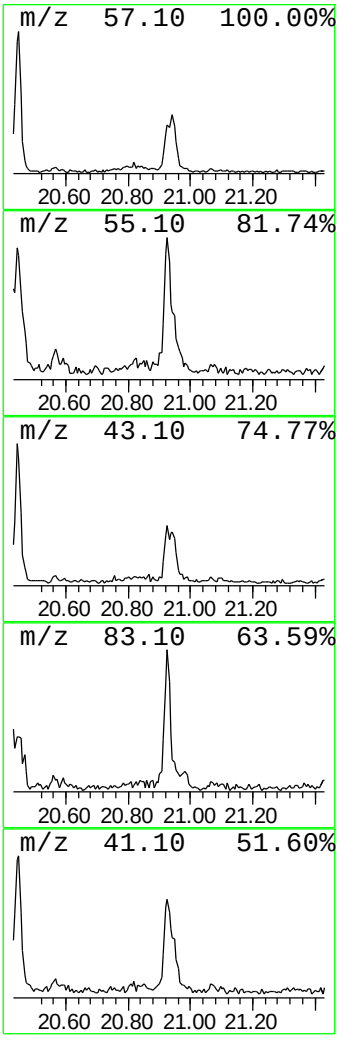
****

Peak Number 64 (DEL) Alkane: Cyclic20.93 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	8.26 ng/ul	910342	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	1-Tricosene	322	C23H46	018835-32-0	91
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
4	Cyclotetracosane	336	C24H48	000297-03-0	81
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

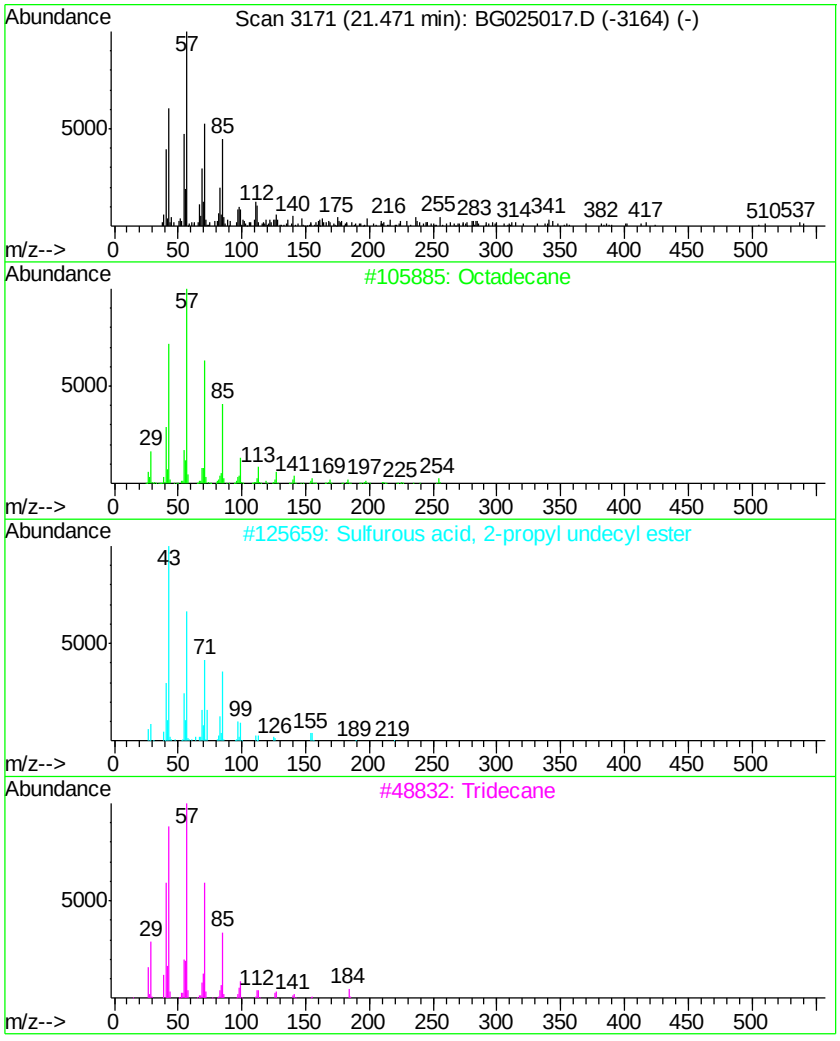
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

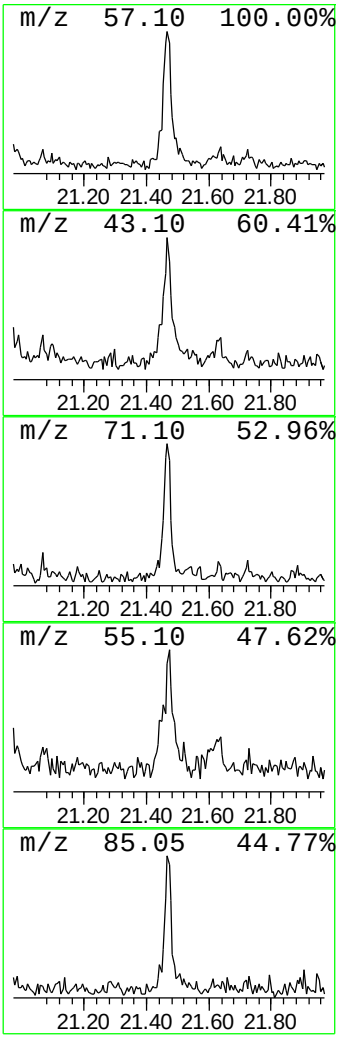
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	3.07 ng/ul	337885	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	81
2	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	80
3	Tridecane	184	C13H28	000629-50-5	74
4	Heneicosane	296	C21H44	000629-94-7	74
5	Tetradecane	198	C14H30	000629-59-4	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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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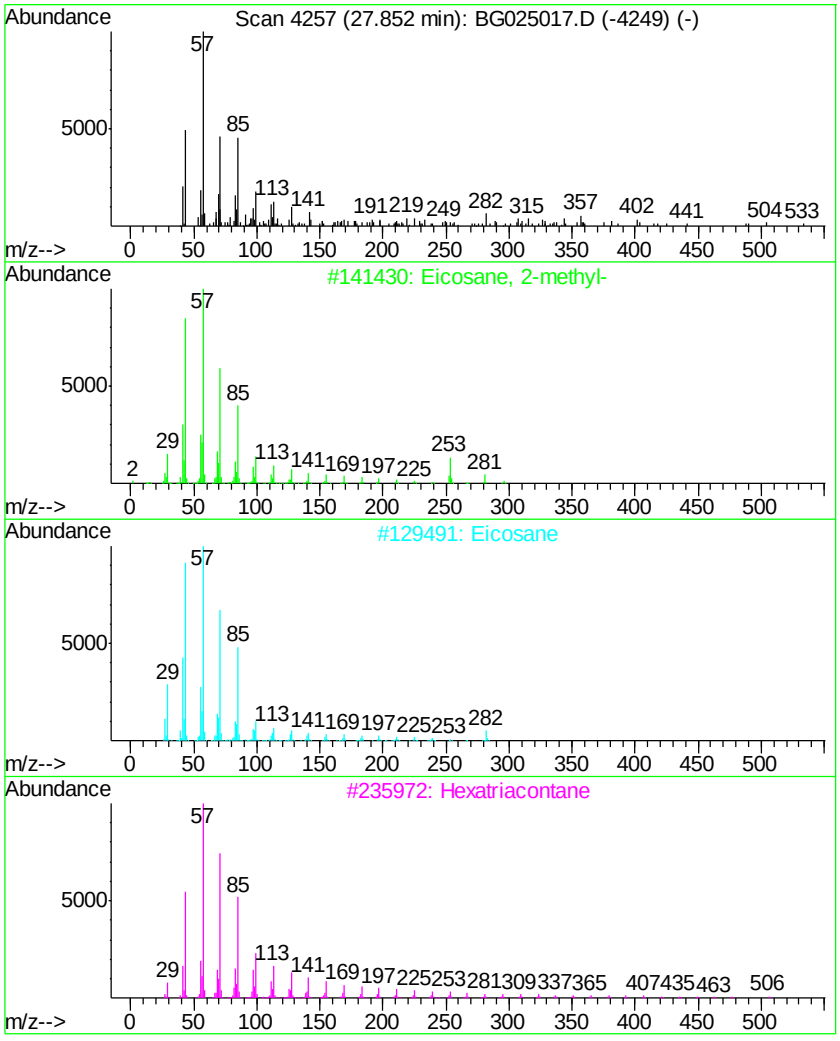
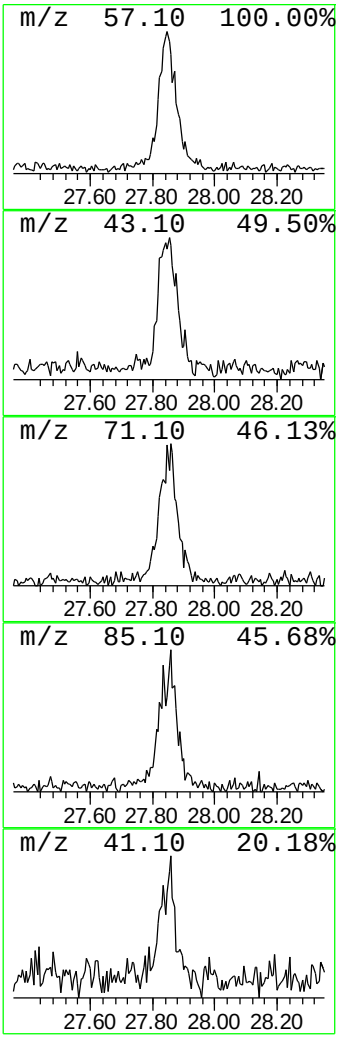
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.85	3.33 ng/ul	373081	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
2	Eicosane	282	C20H42	000112-95-8	74
3	Hexatriacontane	507	C36H74	000630-06-8	72
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	72
5	Pentadecane, 8,8-diheptyl-	408	C29H60	055268-72-9	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

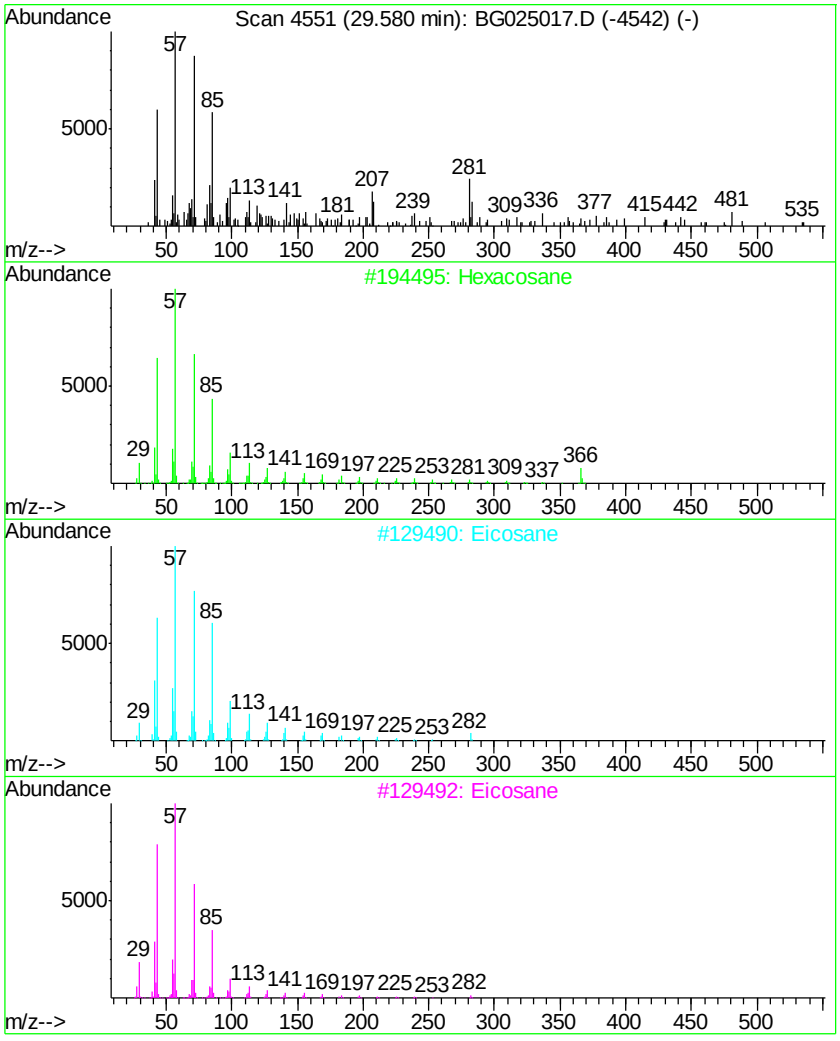
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

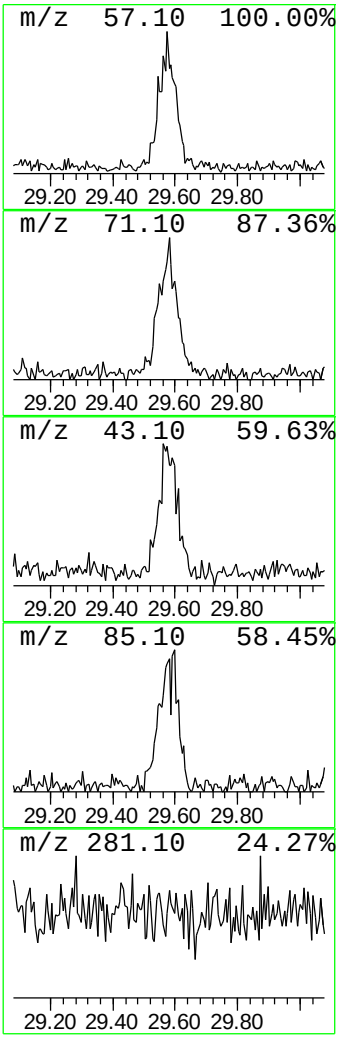
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.58	2.70 ng/ul	302259	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	86
2	Eicosane	282	C20H42	000112-95-8	83
3	Eicosane	282	C20H42	000112-95-8	83
4	Hexacosane	366	C26H54	000630-01-3	70
5	Hexatriacontane	507	C36H74	000630-06-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025017.D
Acq On : 8 Dec 2016 21:57
Operator : UM/SJ
Sample : H5863-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y3

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	13.7	ng/ul	382038	1	8.24	557203	20.0
Benzene, 1,2,4-tr...	7.88	15.3	ng/ul	426661	1	8.24	557203	20.0
Benzofuran, 2-met...	9.60	10.9	ng/ul	304784	1	8.24	557203	20.0
Benzofuran, 7-met...	9.72	26.8	ng/ul	902768	2	11.07	675085	20.0
Naphthalene, 1,2-...	10.47	28.1	ng/ul	947580	2	11.07	675085	20.0
Benzene, 1-butynyl-	10.57	8.9	ng/ul	299059	2	11.07	675085	20.0
Cinnoline, 1,2-di...	11.30	51.4	ng/ul	1734420	2	11.07	675085	20.0
1H-Benzimidazole,...	11.43	34.6	ng/ul	1169510	2	11.07	675085	20.0
2-Propenal, 2-met...	11.47	80.9	ng/ul	2729770	2	11.07	675085	20.0
1H-Benzimidazole,...	11.54	23.1	ng/ul	778900	2	11.07	675085	20.0
Benzene, (1-methy...	11.82	9.0	ng/ul	304917	2	11.07	675085	20.0
1H-Indene, 1,1-di...	12.26	17.5	ng/ul	591348	2	11.07	675085	20.0
Ethanone, 1-[4-(1...	12.37	9.7	ng/ul	326932	2	11.07	675085	20.0
(DEL) Alkane: Str...	12.42	18.3	ng/ul	618998	2	11.07	675085	20.0
Naphthalene, 1,2,...	12.52	9.4	ng/ul	316089	2	11.07	675085	20.0
Ethanone, 1-(2,3-...	12.59	15.0	ng/ul	505584	2	11.07	675085	20.0
Indene, 1,1-dimet...	12.79	9.5	ng/ul	320321	2	11.07	675085	20.0
1H-Inden-1-one, 2...	12.87	71.6	ng/ul	2417810	2	11.07	675085	20.0
Naphthalene, 1-me...	12.92	66.8	ng/ul	2255900	2	11.07	675085	20.0
2,5,6-Trimethylbe...	13.01	40.1	ng/ul	1526870	3	14.86	760929	20.0
Benzene, 1,2,4-tr...	13.10	26.6	ng/ul	1011620	3	14.86	760929	20.0
unknown-01	13.21	12.7	ng/ul	481591	3	14.86	760929	20.0
unknown-02	13.40	9.5	ng/ul	361873	3	14.86	760929	20.0
unknown-03	13.46	13.1	ng/ul	500041	3	14.86	760929	20.0
Benzene, 1-methox...	13.53	12.9	ng/ul	490863	3	14.86	760929	20.0
unknown-04	13.57	30.6	ng/ul	1164590	3	14.86	760929	20.0
(DEL) Alkane: Str...	13.65	31.1	ng/ul	1182330	3	14.86	760929	20.0
Phenol, 2-(2-pent...	13.82	28.7	ng/ul	1092630	3	14.86	760929	20.0
Naphthalene, 2-et...	13.89	31.1	ng/ul	1181250	3	14.86	760929	20.0
Naphthalene, 2,6-...	14.02	32.8	ng/ul	1247660	3	14.86	760929	20.0
(DEL) Alkane: Str...	14.64	20.3	ng/ul	772920	3	14.86	760929	20.0
(DEL) Alkane: Str...	14.71	42.6	ng/ul	1621350	3	14.86	760929	20.0
(DEL) Alkane: Str...	15.65	84.5	ng/ul	3216220	3	14.86	760929	20.0
(DEL) Alkane: Cyc...	16.46	25.6	ng/ul	1899080	4	17.61	1484850	20.0
(DEL) Alkane: Str...	16.51	42.5	ng/ul	3158170	4	17.61	1484850	20.0
(DEL) Alkane: Cyc...	16.74	14.3	ng/ul	1060330	4	17.61	1484850	20.0
(DEL) Alkane: Cyc...	16.82	14.4	ng/ul	1070740	4	17.61	1484850	20.0
(DEL) Alkane: Cyc...	17.26	16.2	ng/ul	1204620	4	17.61	1484850	20.0
(DEL) Alkane: Str...	17.31	42.6	ng/ul	3162310	4	17.61	1484850	20.0
(DEL) Alkane: Cyc...	18.00	11.0	ng/ul	817451	4	17.61	1484850	20.0
(DEL) Alkane: Str...	18.05	35.5	ng/ul	2631620	4	17.61	1484850	20.0
(DEL) Alkane: Cyc...	18.69	15.2	ng/ul	1127630	4	17.61	1484850	20.0
(DEL) Alkane: Str...	18.73	27.4	ng/ul	2031360	4	17.61	1484850	20.0
(DEL) Alkane: Cyc...	19.32	6.6	ng/ul	489383	4	17.61	1484850	20.0
(DEL) Alkane: Str...	19.35	17.9	ng/ul	1326970	4	17.61	1484850	20.0
(DEL) Alkane: Cyc...	19.90	6.3	ng/ul	698382	5	21.89	2204000	20.0
(DEL) Alkane: Str...	19.92	7.0	ng/ul	767113	5	21.89	2204000	20.0
(DEL) Alkane: Str...	20.45	10.1	ng/ul	1112910	5	21.89	2204000	20.0
(DEL) Alkane: Cyc...	20.93	8.3	ng/ul	910342	5	21.89	2204000	20.0

(DEL) Alkane: Str...	21.47	3.1	ng/ul	337885	5	21.89	2204000	20.0
(DEL) Alkane: Str...	27.85	3.3	ng/ul	373081	6	25.31	2237460	20.0
(DEL) Alkane: Str...	29.58	2.7	ng/ul	302259	6	25.31	2237460	20.0

Instrument :
BNA_G
ClientSampleId :
DA7Y3