LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

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-BG011817.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	6.194	567	571	580	rVB2	166447	281522	0.11%	0.054%
2	6.634	641	646	656	rVB	307033	497511	0.19%	0.095%
3	7.245	744	750	752	rBV2	223736	375375	0.14%	0.071%
4	7.286	752	757	765	rVV	1594394	2632205	0.98%	0.501%
5	7.369	765	771	778	rVB3	148001	275248	0.10%	0.052%
6	7.510	783	795	799	rBV3	800344	1819776	0.68%	0.346%
7	7.574	799	806	815	rVB	5642192	9636762	3.60%	1.833%
8	7.715	824	830	838	rBV2	511351	878310	0.33%	0.167%
9	7.803	838	845	848	rBV	192184	306982	0.11%	0.058%
10	8.221	901	916	922	rBV	5052215	9580869	3.57%	1.822%
11	8.279	922	926	939	rVB3	178669	439196	0.16%	0.084%
12	8.608	975	982	992	rVV	7226777	13105774	4.89%	2.492%
13	8.796	1008	1014	1024	rVB3	361935	819746	0.31%	0.156%
14	8.902	1025	1032	1038	rBV3	392680	946748	0.35%	0.180%
15	8.967	1038	1043	1051	rVB	793427	1290634	0.48%	0.245%
16	9.278	1090	1096	1104	rVB	781493	1440444	0.54%	0.274%
17	9.366	1104	1111	1125	rVB3	669254	1620831	0.60%	0.308%
18	9.513	1125	1136	1137	rBV4	349788	827973	0.31%	0.157%
19	9.613	1150	1153	1158	rVB4	245881	401523	0.15%	0.076%
20	9.689	1158	1166	1174	rVB3	528579	1122316	0.42%	0.213%
21	9.772	1174	1180	1185	rBV	966735	1619948	0.60%	0.308%
22	9.872	1191	1197	1199	rBV3	257184	517824	0.19%	0.098%
23	9.948	1200	1210	1215	rVV2	1245719	2778317	1.04%	0.528%
24	10.019	1215	1222	1230	rVV3	810737	2283227	0.85%	0.434%
25	10.095	1230	1235	1242	rVV2	1510021	2866716	1.07%	0.545%
26	10.212	1249	1255	1257	rVV3	193555	422455	0.16%	0.080%
27	10.236	1257	1259	1264	rVV2	257056	454007	0.17%	0.086%
28	10.412	1281	1289	1295	rBV10	194954	639678	0.24%	0.122%
29	10.500	1295	1304	1314	rBV3	1321222	3089338	1.15%	0.588%
30	10.647	1324	1329	1340	rVB	807759	1687214	0.63%	0.321%
31	10.741	1340	1345	1353	rVB4	295217	565633	0.21%	0.108%
32	10.888	1367	1370	1377	rVB3	256482	437211	0.16%	0.083%
33	11.006	1377	1390	1394	rBV4	1230657	3409011	1.27%	0.648%
34	11.064	1394	1400	1406	rVB	6968218	13282231	4.96%	2.526%

LSC Area Percent Report

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Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

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-BG011817.M
Title : SVOA CALIBRATION

35	11.123	1406	1410	1413	rBV2	386877	614760	0.23%	0.117%
36	11.170	1413	1418	1427	rVB4	788229	2181585	0.81%	0.415%
37	11.264	1427	1434	1439	rBV	2900638	6079078	2.27%	1.156%
38	11.335	1440	1446	1456	rVB3	2220863	5361492	2.00%	1.020%
39	11.476	1462	1470	1477	rBV4	993889	2010499	0.75%	0.382%
40	11.617	1489	1494	1500	rVB4	162759	316834	0.12%	0.060%
41	11.717	1500	1511	1518	rBV5	393467	1132604	0.42%	0.215%
42	11.846	1525	1533	1537	rBV	1162263	2204643	0.82%	0.419%
43	11.893	1537	1541	1543	rBV3	514930	756196	0.28%	0.144%
44	12.210	1591	1595	1601	rBV4	465495	766113	0.29%	0.146%
45	12.339	1612	1617	1620	rBV3	187636	384226	0.14%	0.073%
46	12.392	1620	1626	1634	rVV5	764591	1755588	0.66%	0.334%
47	12.516	1641	1647	1656	rVV4	191289	577117	0.22%	0.110%
48	12.604	1657	1662	1665	rVV	535498	935059	0.35%	0.178%
49	12.651	1665	1670	1679	rVB	1803125	3105154	1.16%	0.591%
50	12.792	1687	1694	1700	rBV4	284715	661080	0.25%	0.126%
51	12.868	1700	1707	1716	rVV	1309639	2184985	0.82%	0.416%
52	12.962	1716	1723	1733	rBV4	484408	1145515	0.43%	0.218%
53	13.086	1740	1744	1750	rBV3	296403	471850	0.18%	0.090%
54	13.315	1780	1783	1786	rVV2	275823	447064	0.17%	0.085%
55	13.373	1786	1793	1802	rVB4	477491	1491499	0.56%	0.284%
56	13.638	1829	1838	1845	rBV3	894201	1776481	0.66%	0.338%
57	13.720	1845	1852	1858	rVV	757700	1380250	0.52%	0.262%
58	13.826	1858	1870	1886	rVB	2007556	4232882	1.58%	0.805%
59	13.979	1886	1896	1911	rVB6	941771	2899768	1.08%	0.551%
60	14.131	1914	1922	1925	rBV5	341925	839582	0.31%	0.160%
61	14.208	1925	1935	1947	rVB	1514840	3263497	1.22%	0.621%
62	14.384	1958	1965	1969	rBV8	195332	464288	0.17%	0.088%
63	14.507	1974	1986	1996	rVB	1570469	3424055	1.28%	0.651%
64	14.690	2008	2017	2027	rBV	4240884	8532115	3.18%	1.623%
65	14.807	2027	2037	2043	rVB	998708	2115743	0.79%	0.402%
66	14.878	2043	2049	2054	rBV2	718792	1410262	0.53%	0.268%
67	14.948	2054	2061	2067	rVB4	785165	1967158	0.73%	0.374%
68	15.013	2068	2072	2079	rVB7	245948	521523	0.19%	0.099%
69	15.130	2080	2092	2098	rBV2	3896368	11431907	4.27%	2.174%
70	15.189	2099	2102	2113	rVV3	2029181	4859571	1.81%	0.924%
71	15.295	2113	2120	2126	rVV2	1303738	2801933	1.05%	0.533%

LSC Area Percent Report

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Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

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-BG011817.M
Title : SVOA CALIBRATION

72	15.359	2126	2131	2135	rVV2	1130510	1744717	0.65%	0.332%
73	15.418	2135	2141	2153	rVB2	6969772	16976102	6.33%	3.228%
74	15.712	2182	2191	2193	rBV3	255199	566990	0.21%	0.108%
75	15.800	2200	2206	2213	rVB	1865917	3063305	1.14%	0.583%
76	15.900	2213	2223	2226	rBV2	1333218	2929205	1.09%	0.557%
77	15.959	2226	2233	2244	rVB	15231808	29462014	10.99%	5.603%
78	16.276	2280	2287	2296	rVV6	353929	951666	0.36%	0.181%
79	16.470	2314	2320	2326	rBV9	120785	280559	0.10%	0.053%
80	16.564	2327	2336	2346	rVV2	1350578	3199946	1.19%	0.609%
81	16.717	2348	2362	2367	rBV	483855	1210943	0.45%	0.230%
82	16.852	2380	2385	2391	rVB2	615814	988075	0.37%	0.188%
83	17.298	2431	2461	2468	rBV2	63163132	268005634	100.00%	50.968%
84	17.357	2468	2471	2476	rVB4	694769	1139931	0.43%	0.217%
85	17.580	2501	2509	2513	rBV3	1553531	3248460	1.21%	0.618%
86	17.621	2513	2516	2520	rVV	1022891	1554111	0.58%	0.296%
87	17.674	2520	2525	2540	rVB	2355595	3969953	1.48%	0.755%
88	17.880	2557	2560	2567	rVB5	219094	392791	0.15%	0.075%
89	17.974	2569	2576	2582	rVB	1146013	1964144	0.73%	0.374%
90	18.279	2625	2628	2636	rVB3	241884	360073	0.13%	0.068%
91	18.373	2638	2644	2650	rBV9	257177	559311	0.21%	0.106%
92	18.984	2743	2748	2754	rVB	576187	868726	0.32%	0.165%
93	19.384	2811	2816	2826	rVB2	696046	1108899	0.41%	0.211%
94	19.742	2872	2877	2882	rVB	339202	474224	0.18%	0.090%
95	19.936	2903	2910	2917	rBV	2299460	3417114	1.28%	0.650%
96	20.424	2988	2993	3000	rVB	703378	1075145	0.40%	0.204%
97	21.852	3228	3236	3245	rVB	1139564	1999971	0.75%	0.380%
98	21.993	3254	3260	3269	rVB	201899	412385	0.15%	0.078%
99	25.007	3763	3773	3784	rBV2	1091840	3125013	1.17%	0.594%
100	25.242	3802	3813	3825	rVB2	638099	1922877	0.72%	0.366%

Sum of corrected areas: 525828795

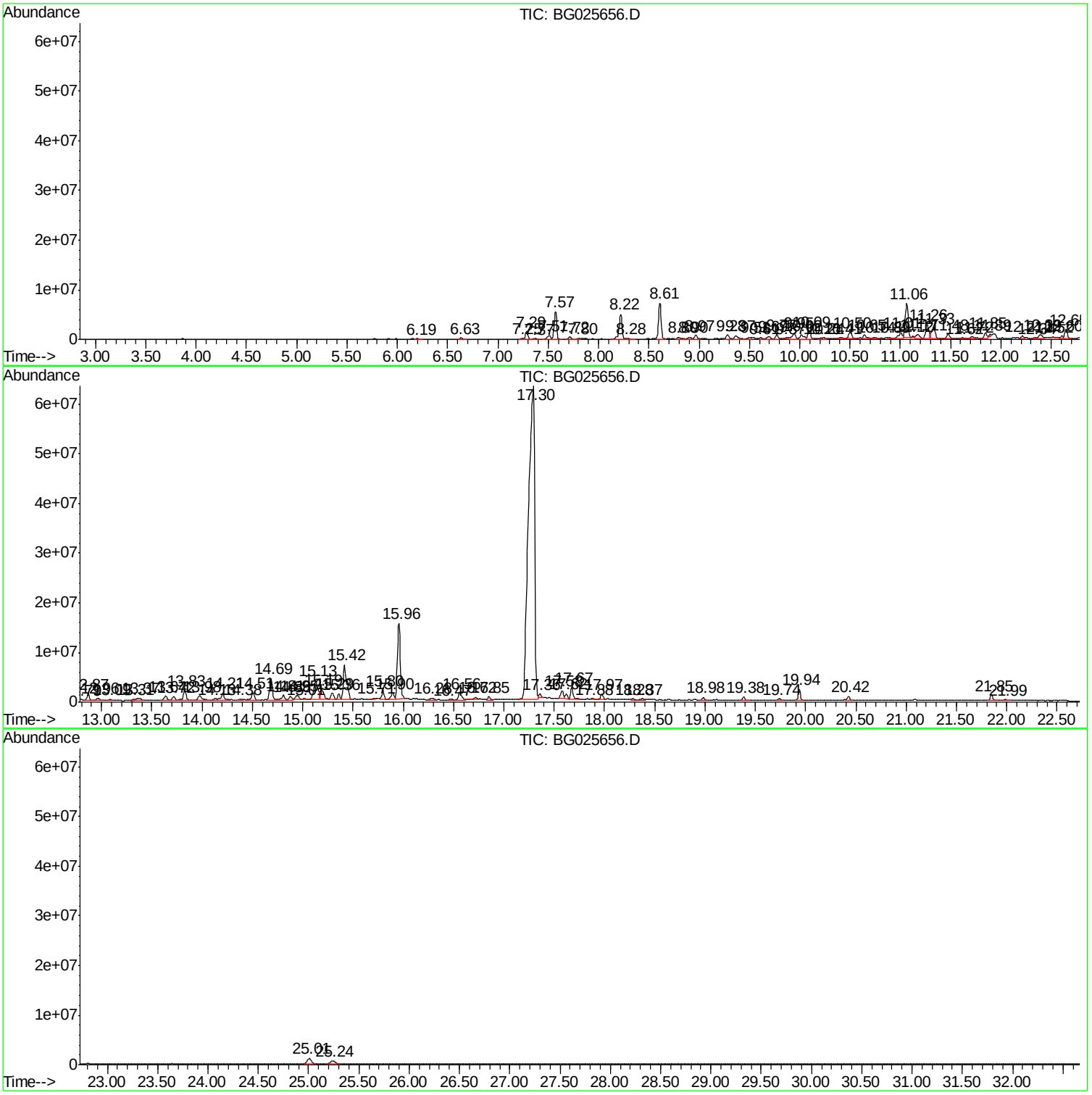
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

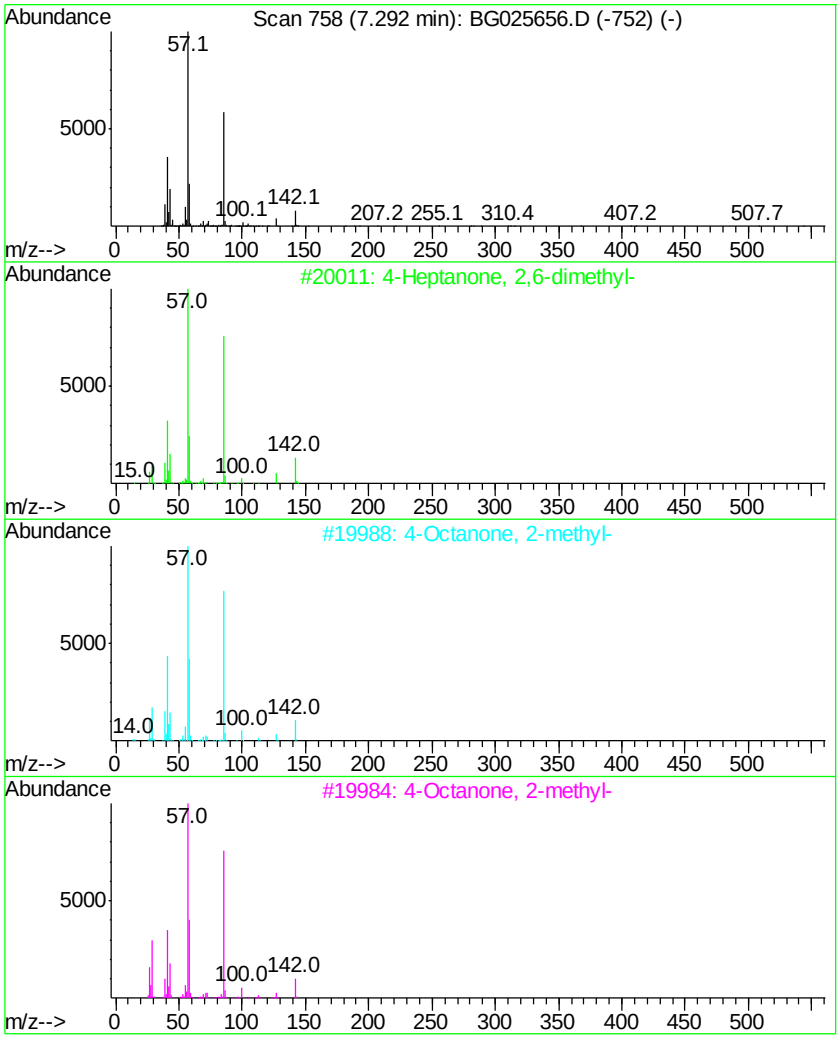
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

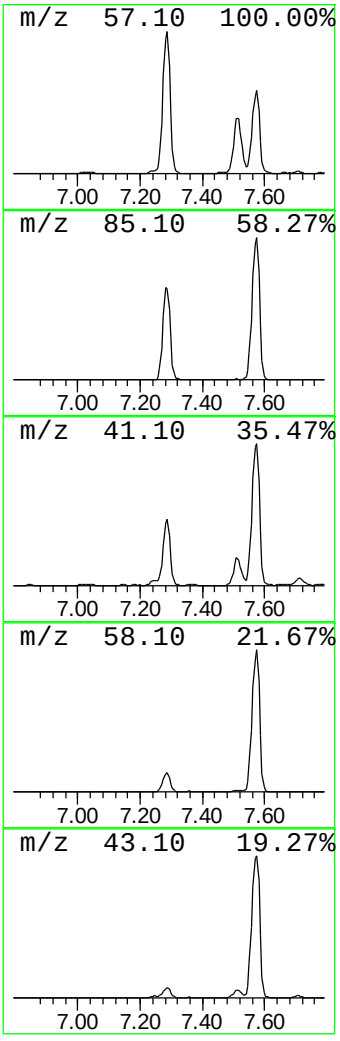
****

Peak Number 1 4-Heptanone, 2,6-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	5.49 ng/ul	2632210	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	53
3	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	50
4	Pentanethioic acid, S-propyl ester	160	C8H16OS	002432-76-0	50
5	2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

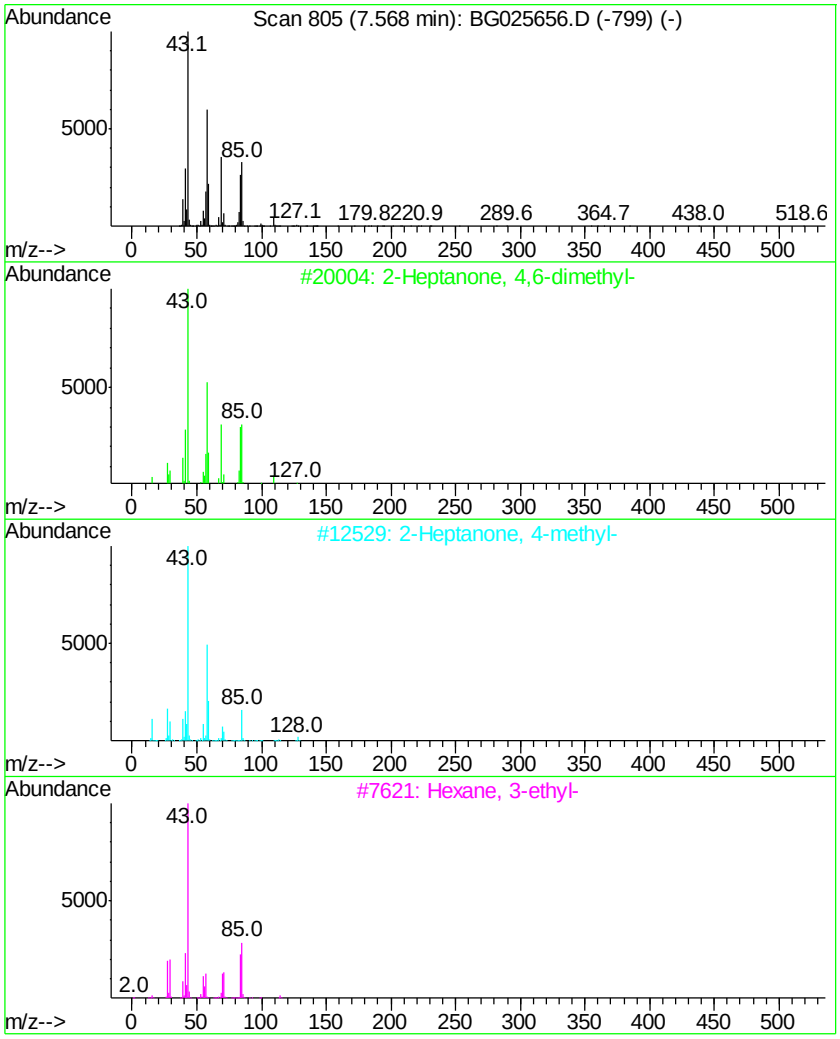
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

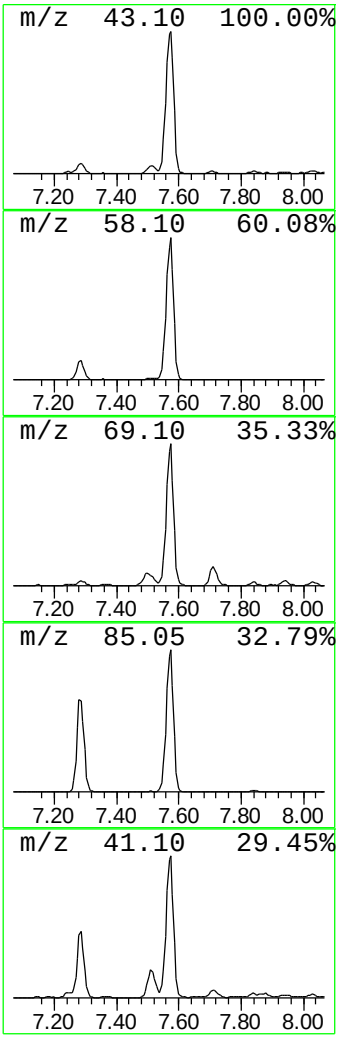
****

Peak Number 2 2-Heptanone, 4,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	20.12 ng/ul	9636760	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	83
2	2-Heptanone, 4-methyl-	128	C8H16O	006137-06-0	45
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
5	Pentanal, 2,4-dimethyl-	114	C7H14O	027944-79-2	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

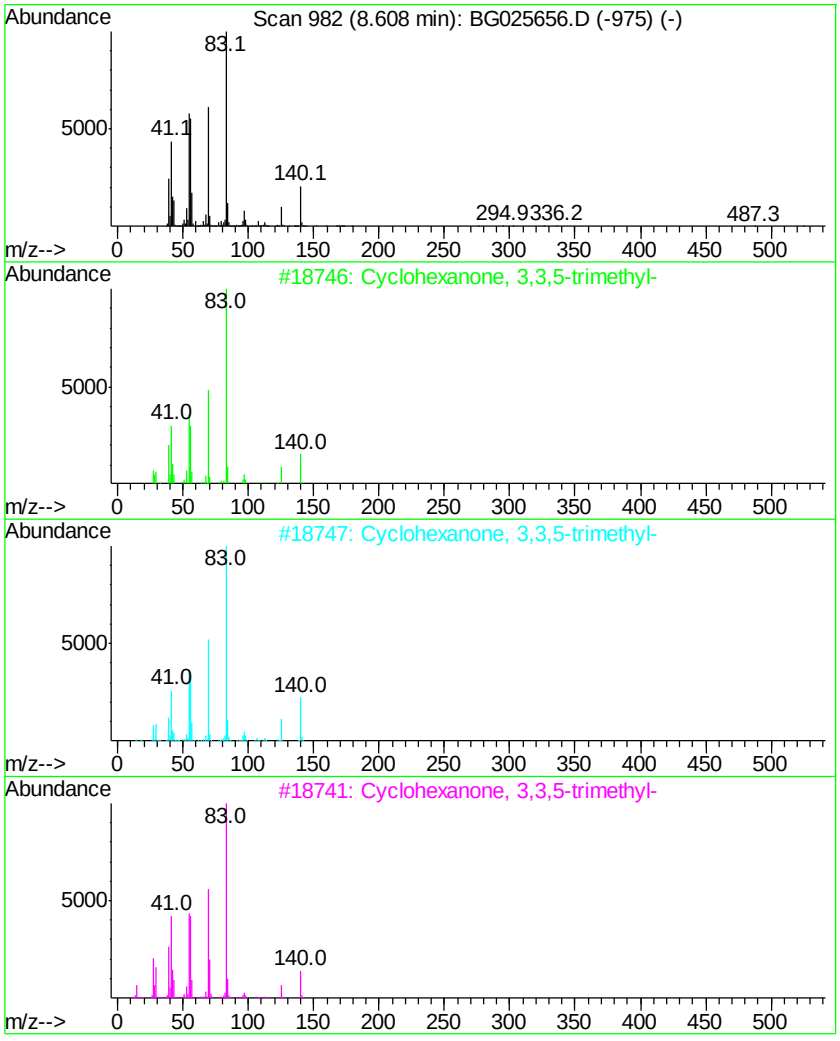
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

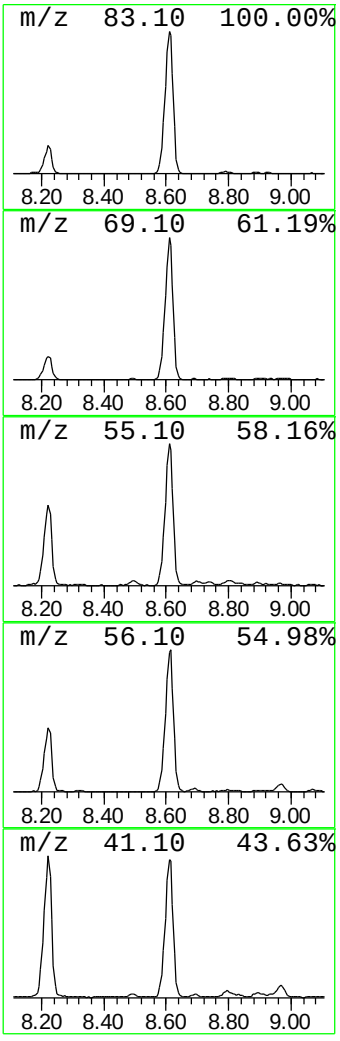
****

Peak Number 3 Cyclohexanone, 3,3,5-trimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	27.36 ng/ul	13105800	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	94
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	93
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	64
5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	60





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

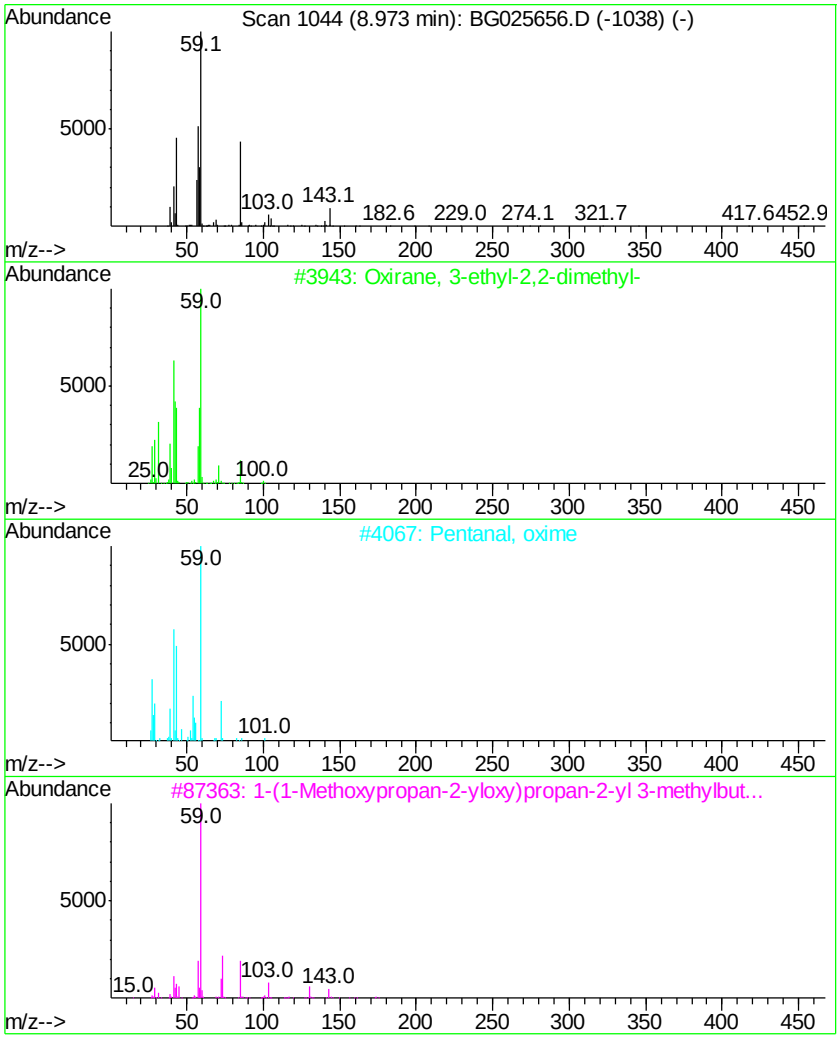
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

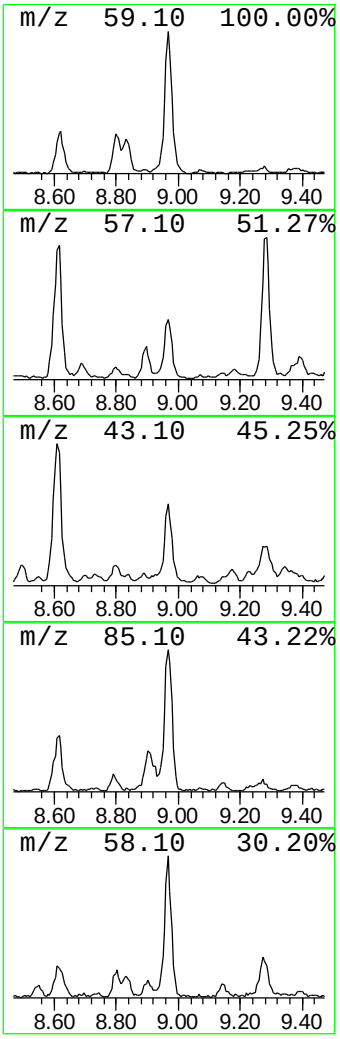
****

Peak Number 4 unknown-01 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	2.69 ng/ul	1290630	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	38
2	Pentanal, oxime	101	C5H11NO	000628-79-5	35
3	1-(1-Methoxypropan-2-yloxy)propa...	232	C12H24O4	1000367-13-2	28
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

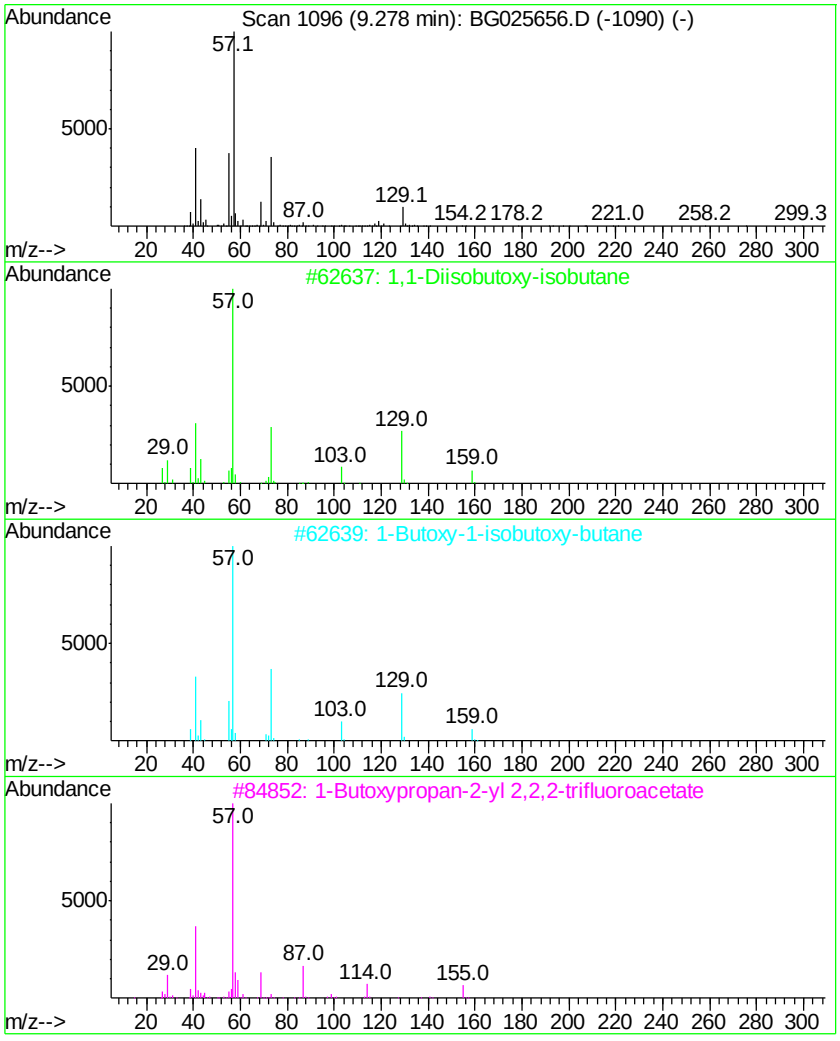
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

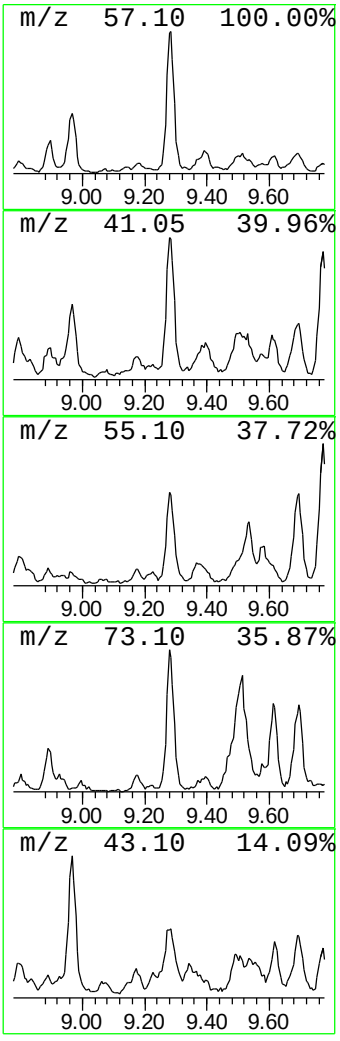
****

Peak Number 5 unknown-02 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	3.01 ng/ul	1440440	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Diisobutoxy-isobutane	202	C12H26O2	013262-24-3	40
2	1-Butoxy-1-isobutoxy-butane	202	C12H26O2	020266-12-0	38
3	1-Butoxypropan-2-yl 2,2,2-triflu...	228	C9H15F3O3	1000367-08-1	25
4	Formic acid, neopentyl ester	116	C6H12O2	1000367-90-3	23
5	2,2-Dimethyl-3-pentanol, heptafl...	312	C11H15F7O2	1000364-14-4	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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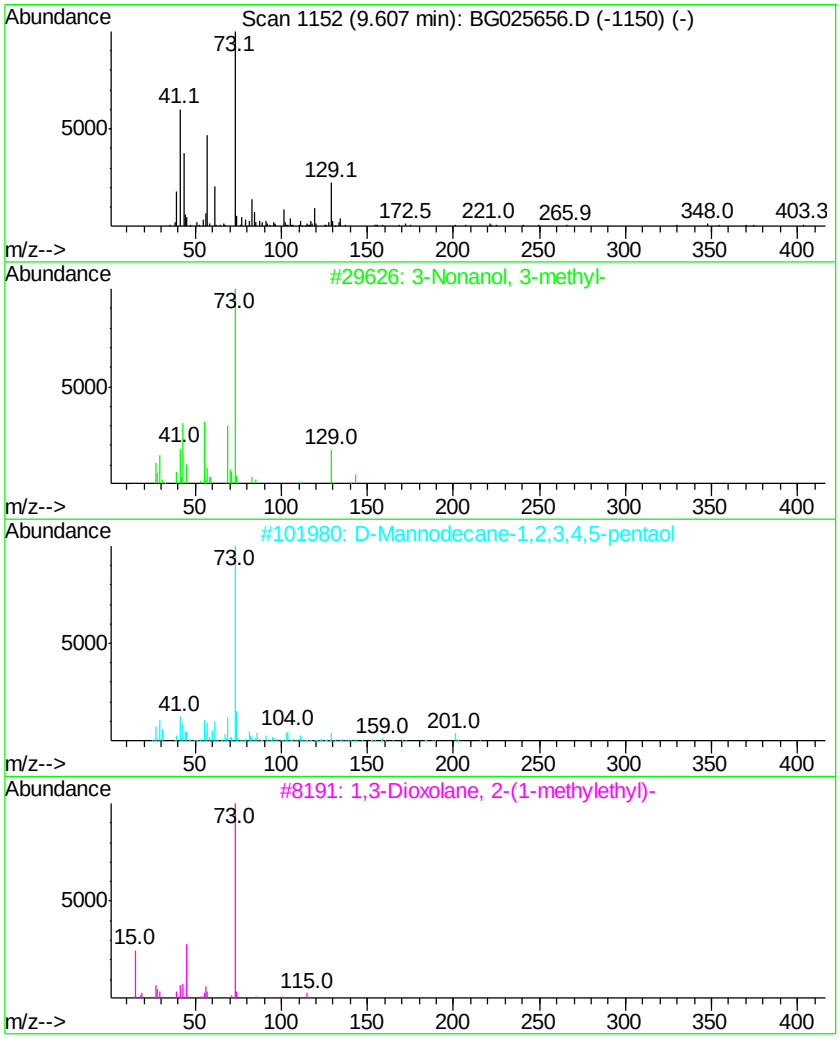
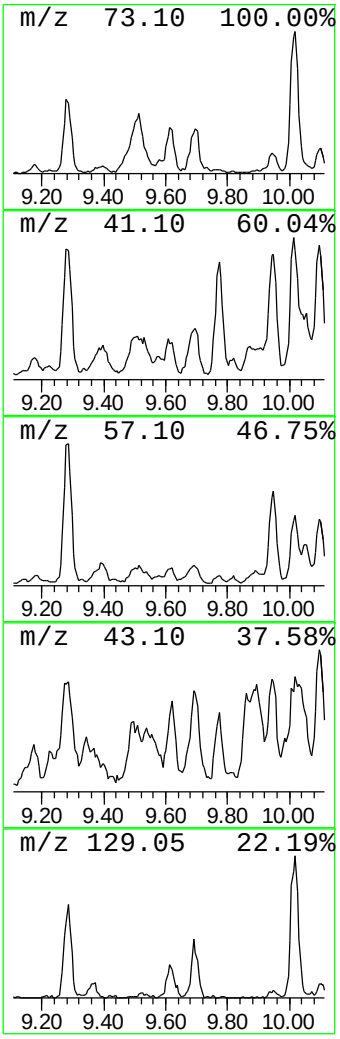
Peak Number 6 unknown-03 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	2.36 ng/ul	401523	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonanol, 3-methyl-	158	C10H22O	021078-72-8	23
2	D-Mannodecane-1,2,3,4,5-pentaol	250	C12H26O5	188436-15-9	17
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
4	N-Trimethylsilylmethoxyamine	119	C4H13NOSi	1000366-62-4	9
5	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	9





Library Search Compound Report

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Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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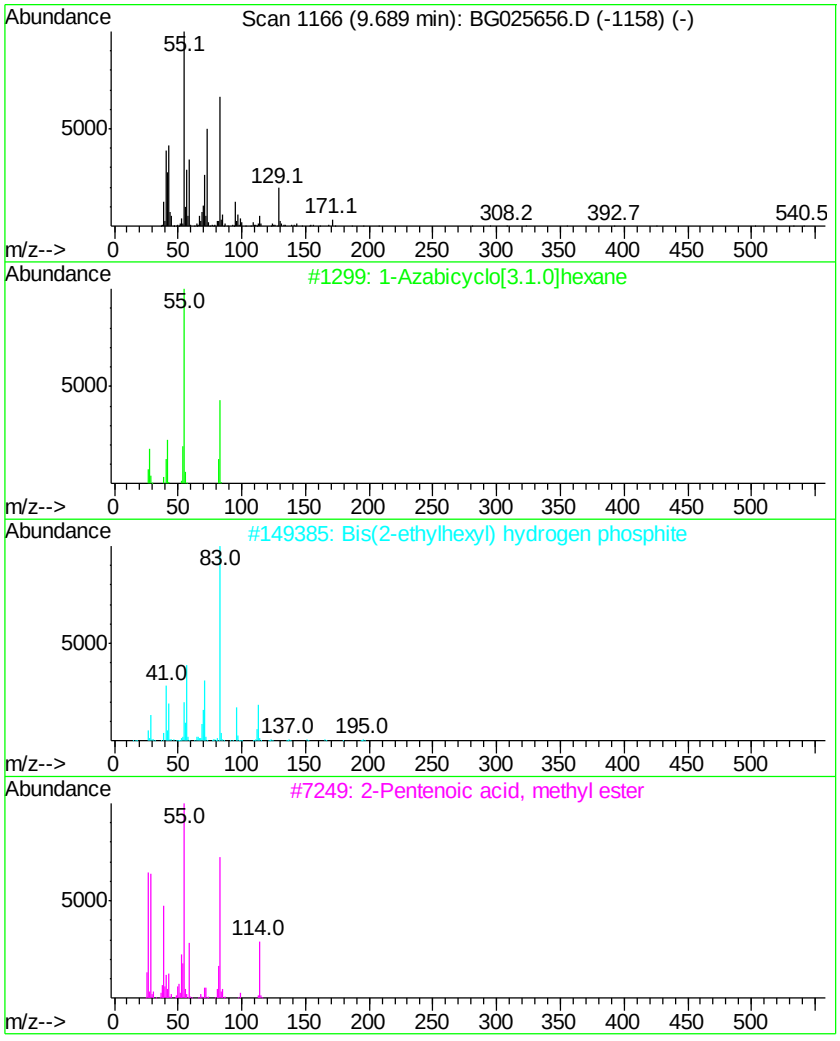
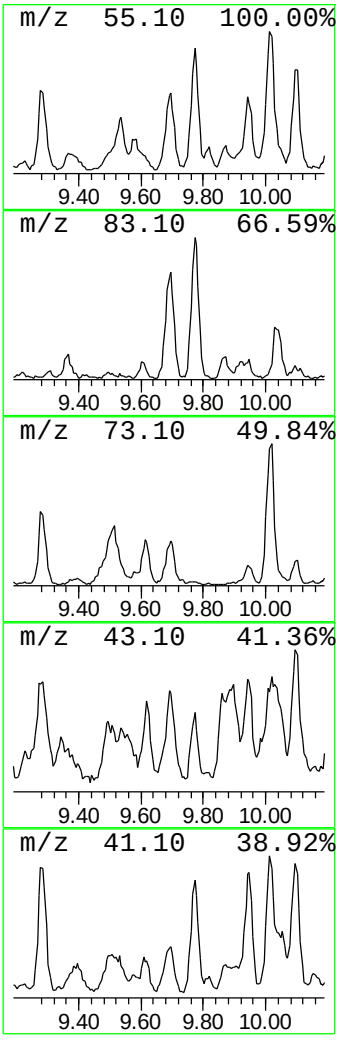
Peak Number 7 unknown-04 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	6.58 ng/ul	1122320	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Azabicyclo[3.1.0]hexane	83	C5H9N	000285-76-7	35
2	Bis(2-ethylhexyl) hydrogen phosp...	306	C16H35O3P	003658-48-8	27
3	2-Pentenoic acid, methyl ester	114	C6H10O2	000818-59-7	25
4	Phosphorous acid, tris(2-ethylhe...	418	C24H51O3P	000301-13-3	22
5	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	16





Library Search Compound Report

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Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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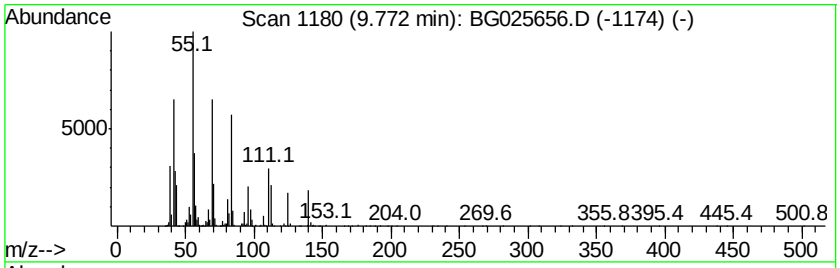
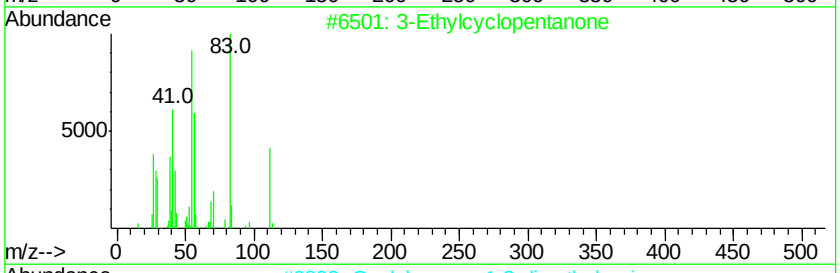
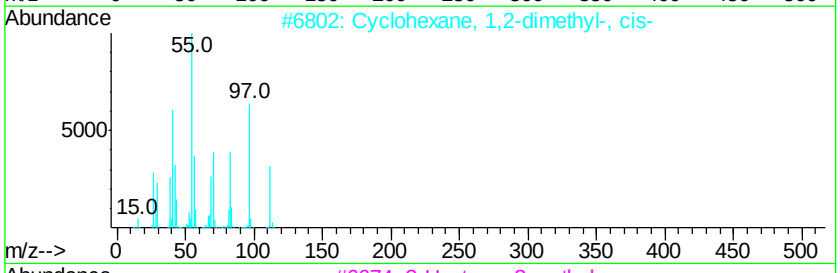
Peak Number 8 unknown-05 Concentration Rank 23

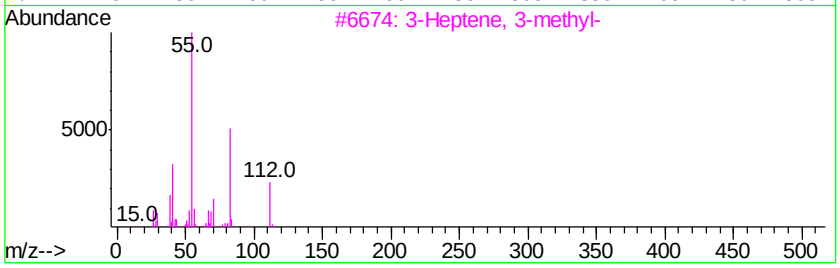
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	9.50 ng/ul	1619950	Naphthalene-d8	11.01

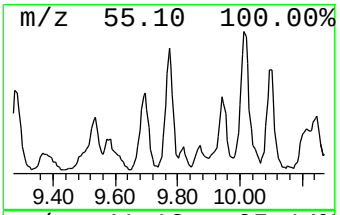
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	46
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	43
3	3-Heptene, 3-methyl-	112	C8H16	007300-03-0	43
4	3-Octene, (Z)-	112	C8H16	014850-22-7	41
5	5-Decene, (E)-	140	C10H20	007433-56-9	41

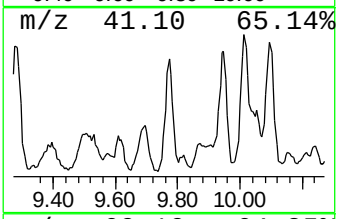


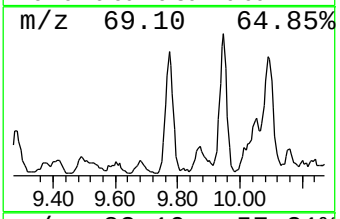


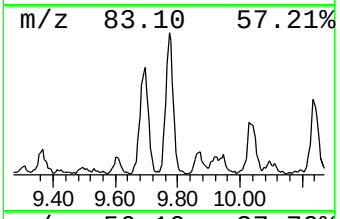


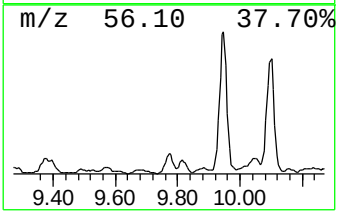












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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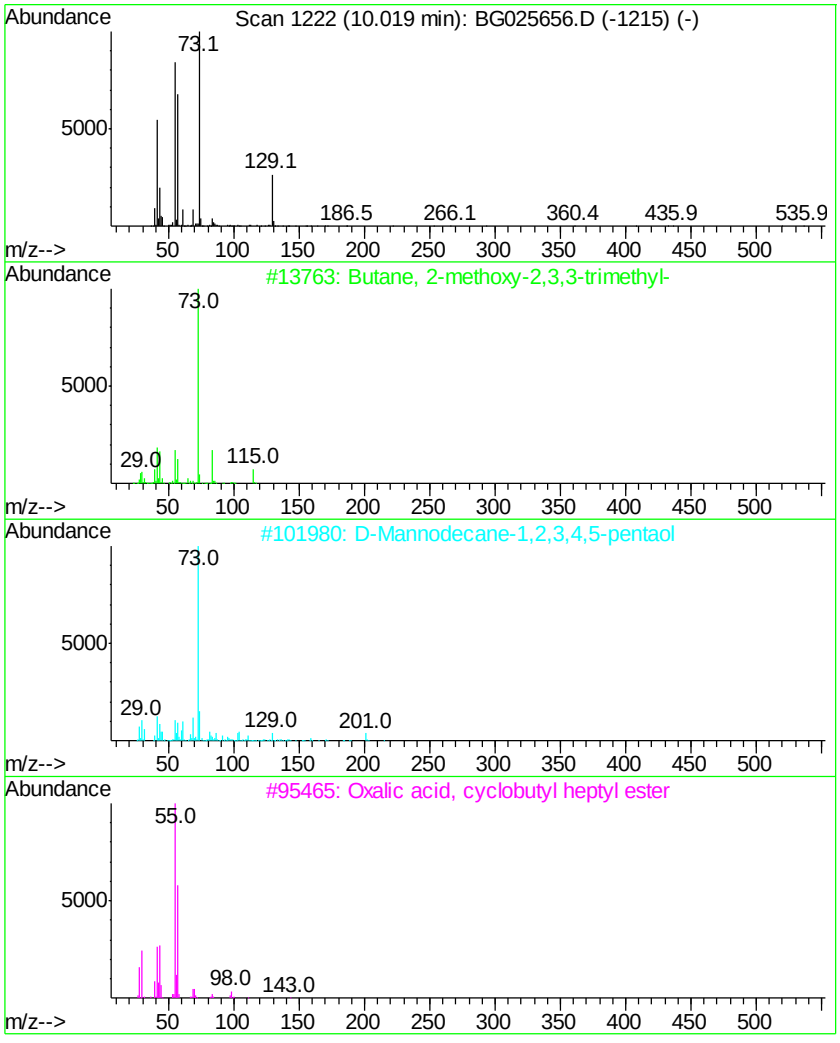
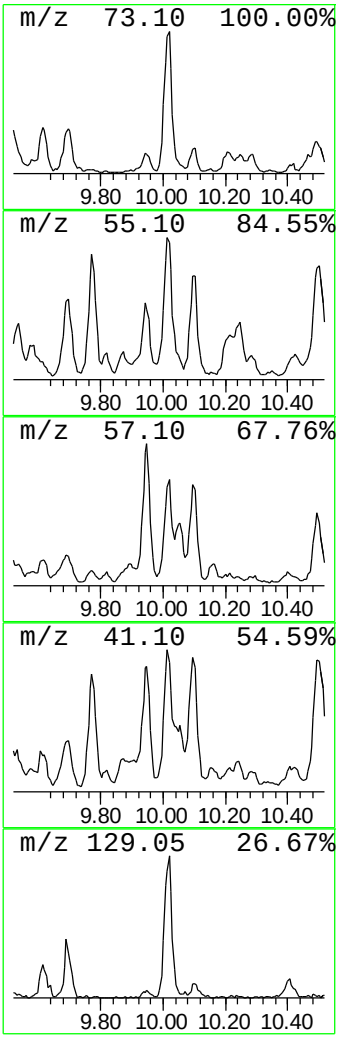
Peak Number 9 unknown-06 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	13.40 ng/ul	2283230	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	12
2	D-Mannodecane-1,2,3,4,5-pentaol	250	C12H26O5	188436-15-9	12
3	Oxalic acid, cyclobutyl heptyl e...	242	C13H22O4	1000309-69-8	10
4	D-Mannotridecane-1,2,3,4,5-pentaol	264	C13H28O5	1000160-55-1	10
5	3-Butyn-2-ol	70	C4H6O	002028-63-9	9





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Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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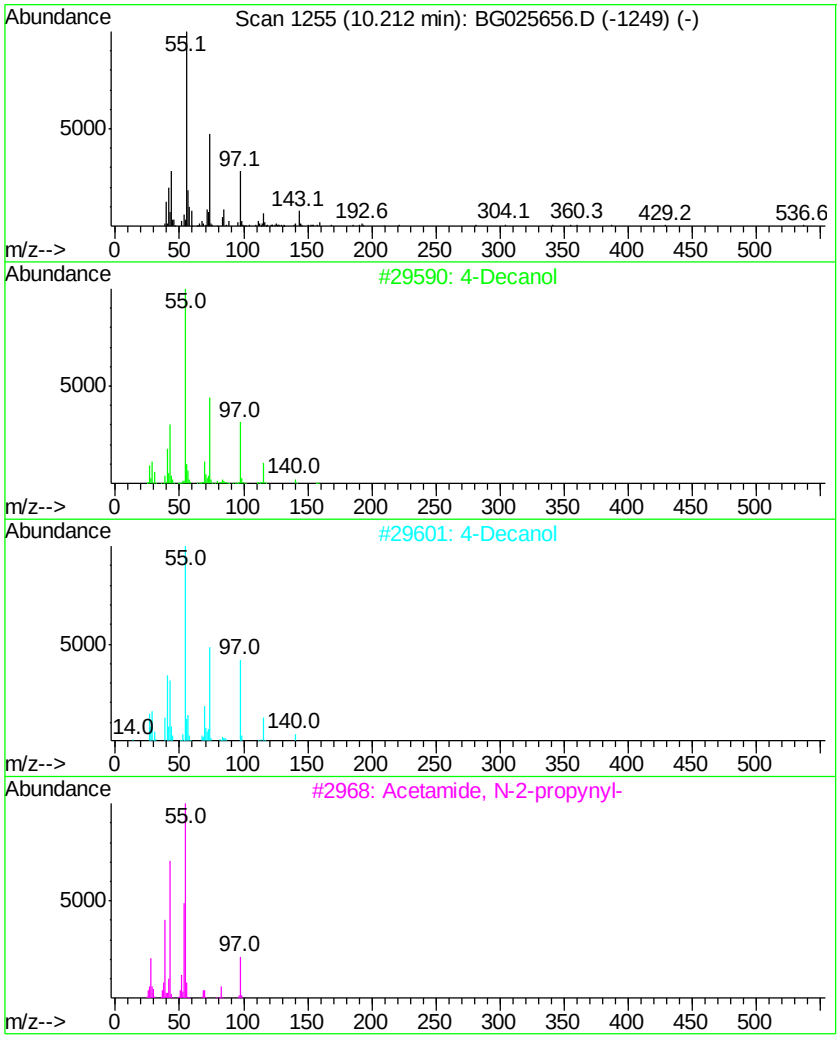
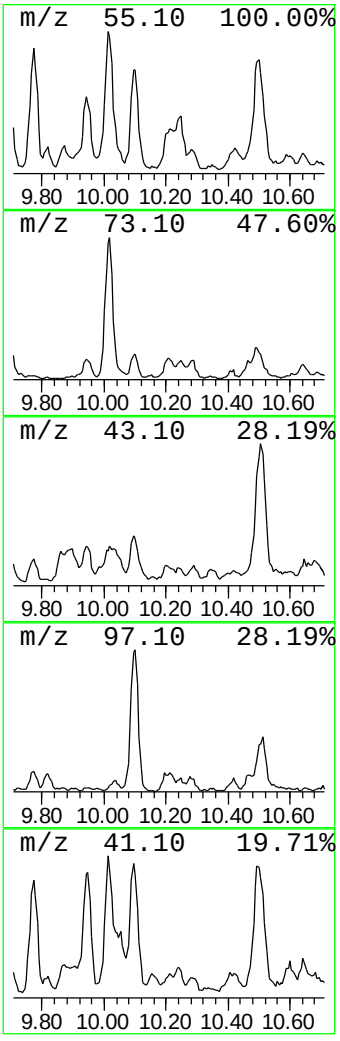
Peak Number 10 4-Decanol Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	2.48 ng/ul	422455	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Decanol	158	C10H22O	002051-31-2	59
2	4-Decanol	158	C10H22O	002051-31-2	45
3	Acetamide, N-2-propynyl-	97	C5H7NO	065881-41-6	43
4	4-Decanol	158	C10H22O	002051-31-2	42
5	4-Decanol	158	C10H22O	002051-31-2	42





Library Search Compound Report

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Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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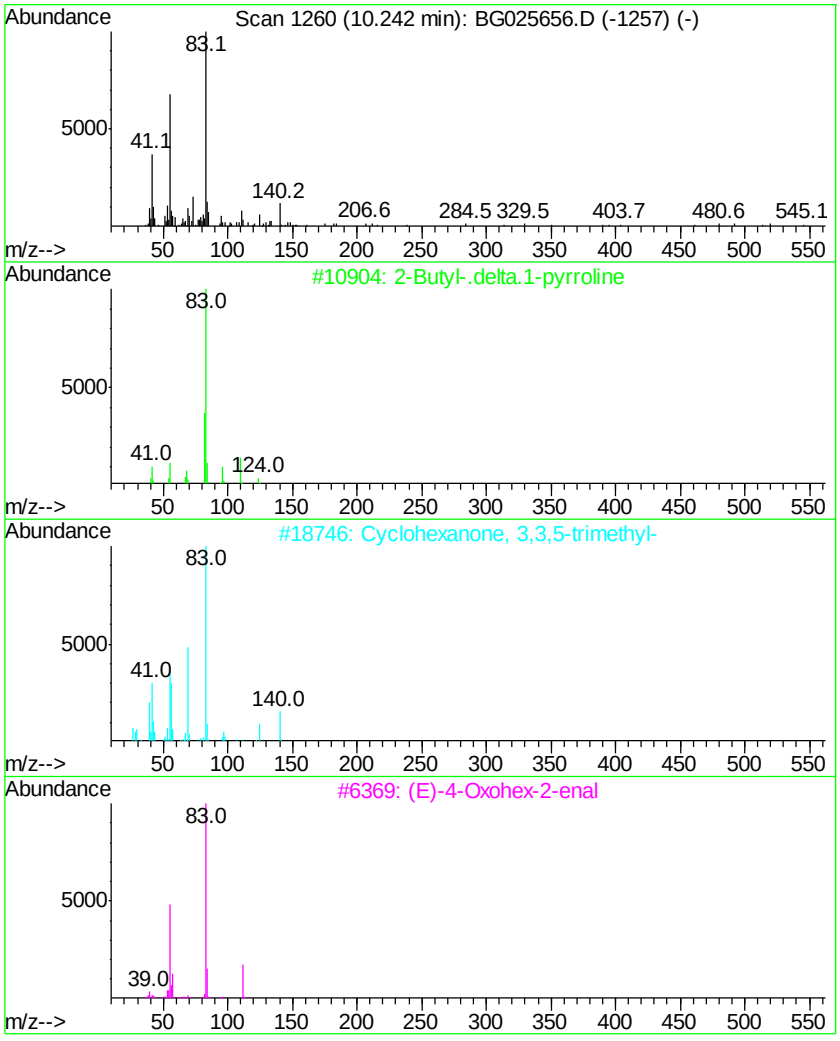
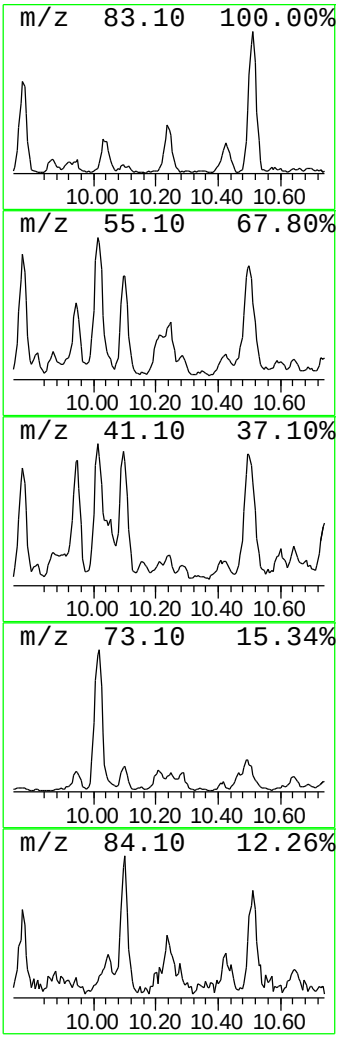
Peak Number 11 2-Butyl-.delta.1-pyrroline Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	2.66 ng/ul	454007	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyl-.delta.1-pyrroline	125	C8H15N	064319-86-4	64
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	59
3	(E)-4-Oxohex-2-enal	112	C6H8O2	1000374-04-2	53
4	2(5H)-Furanone, 5-ethyl-	112	C6H8O2	002407-43-4	53
5	Oxalic acid, cyclohexyl isohexyl...	256	C14H24O4	1000309-30-7	53





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Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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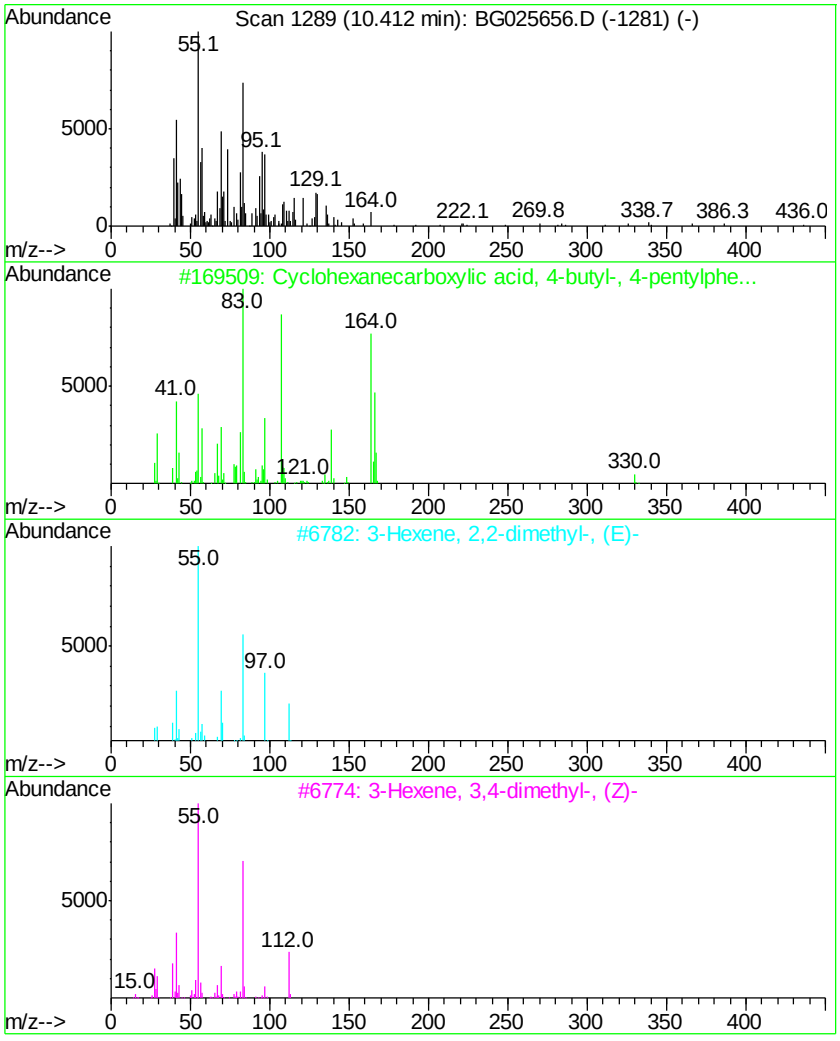
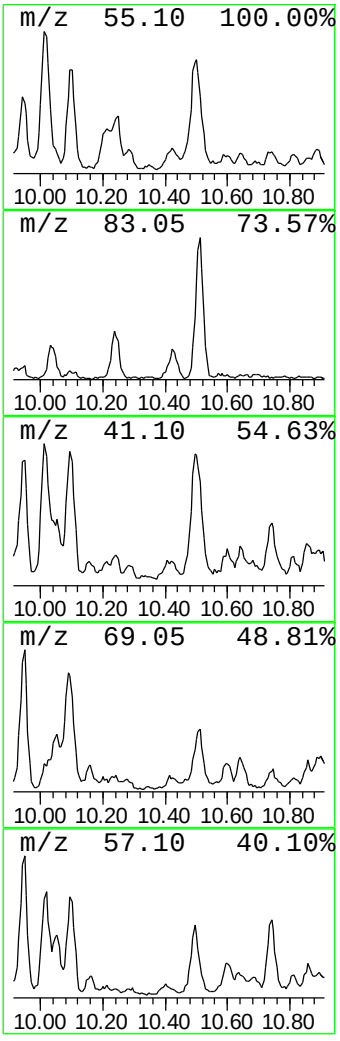
Peak Number 12 Cyclohexanecarboxylic acid,... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	3.75 ng/ul	639678	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-bu...	330	C22H34O2	070602-95-8	50
2	3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	46
3	3-Hexene, 3,4-dimethyl-, (Z)-	112	C8H16	019550-87-9	38
4	Cyclohexanecarboxylic acid, 2-ch...	238	C13H15ClO2	101068-39-7	38
5	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	38





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Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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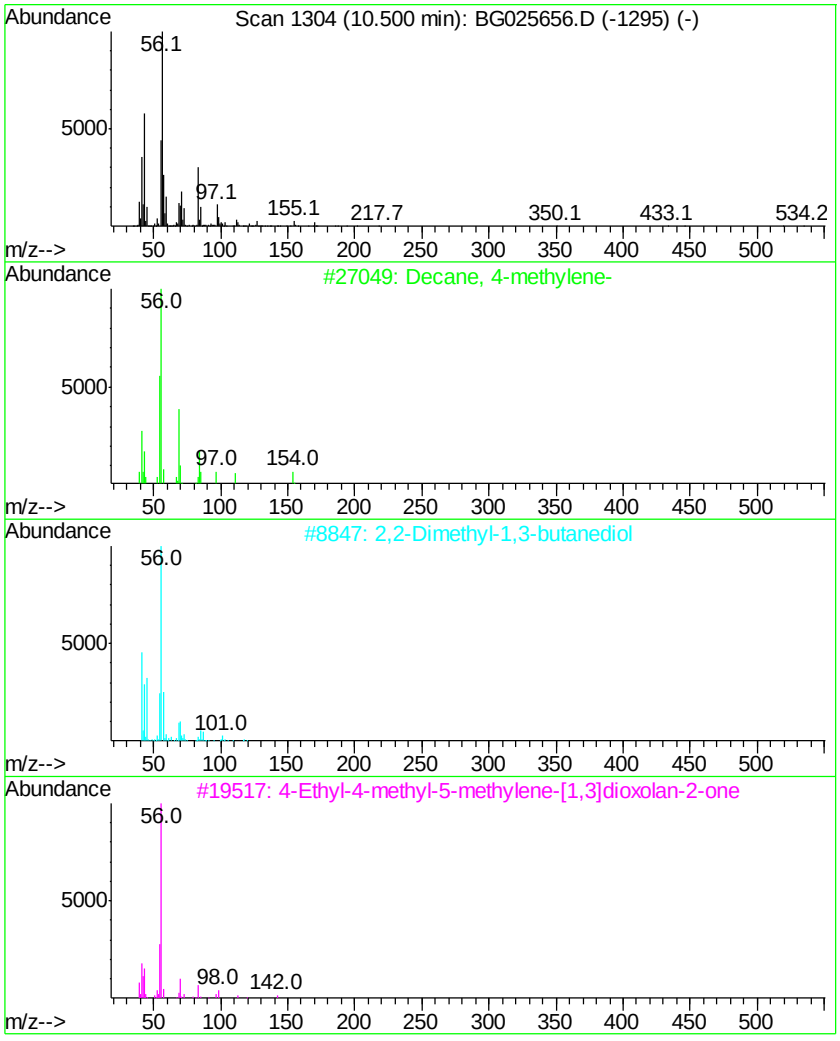
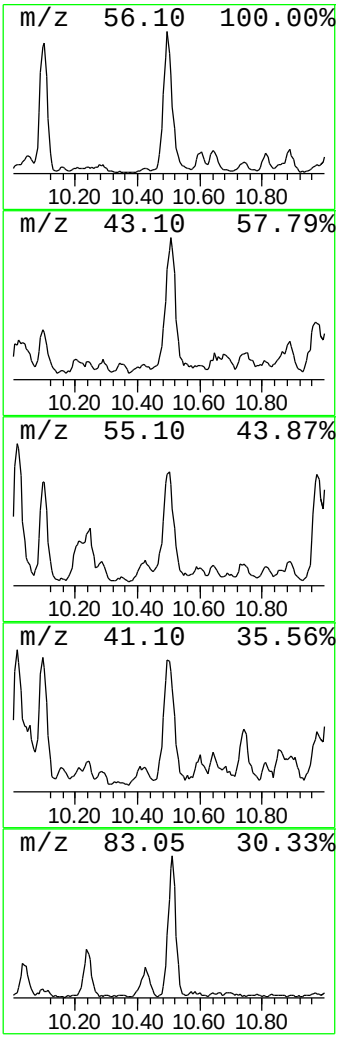
Peak Number 13 (DEL) Alkane: Cyclic10.50 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	18.12 ng/ul	3089340	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methylene-	154	C11H22	024949-41-5	50
2	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	50
3	4-Ethyl-4-methyl-5-methylene-[1,...	142	C7H10O3	080956-52-1	47
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	47
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	46





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Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

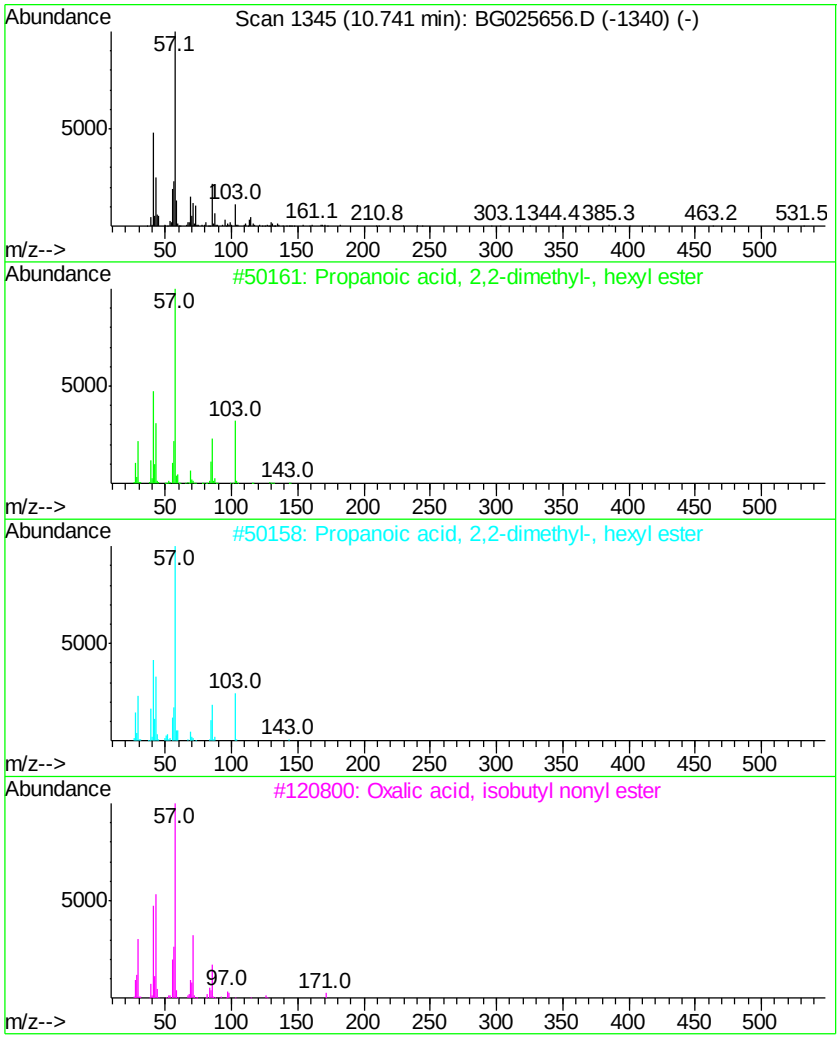
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

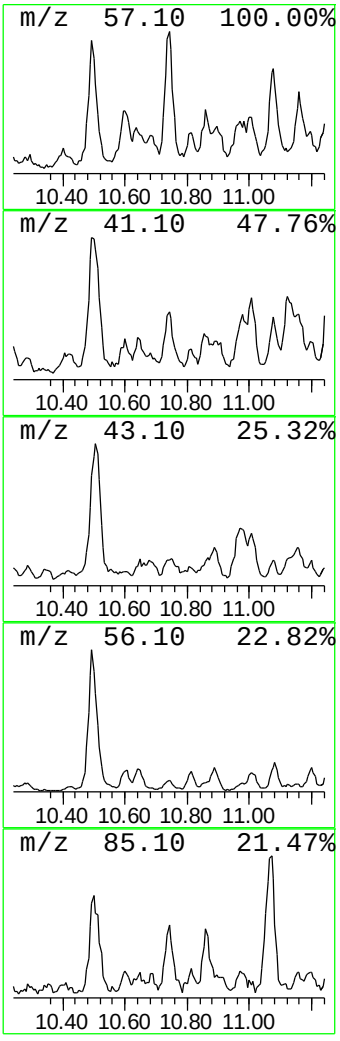
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Propanoic acid, 2,2-dimethy... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	3.32 ng/ul	565633	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dimethyl-, h...	186	C11H22O2	005434-57-1	53
2	Propanoic acid, 2,2-dimethyl-, h...	186	C11H22O2	005434-57-1	50
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47
4	tert-C4H9C(O)OCH(CH3)2	144	C8H16O2	005129-36-2	43
5	Propanoic acid, 2,2-dimethyl-, p...	144	C8H16O2	005129-35-1	38





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Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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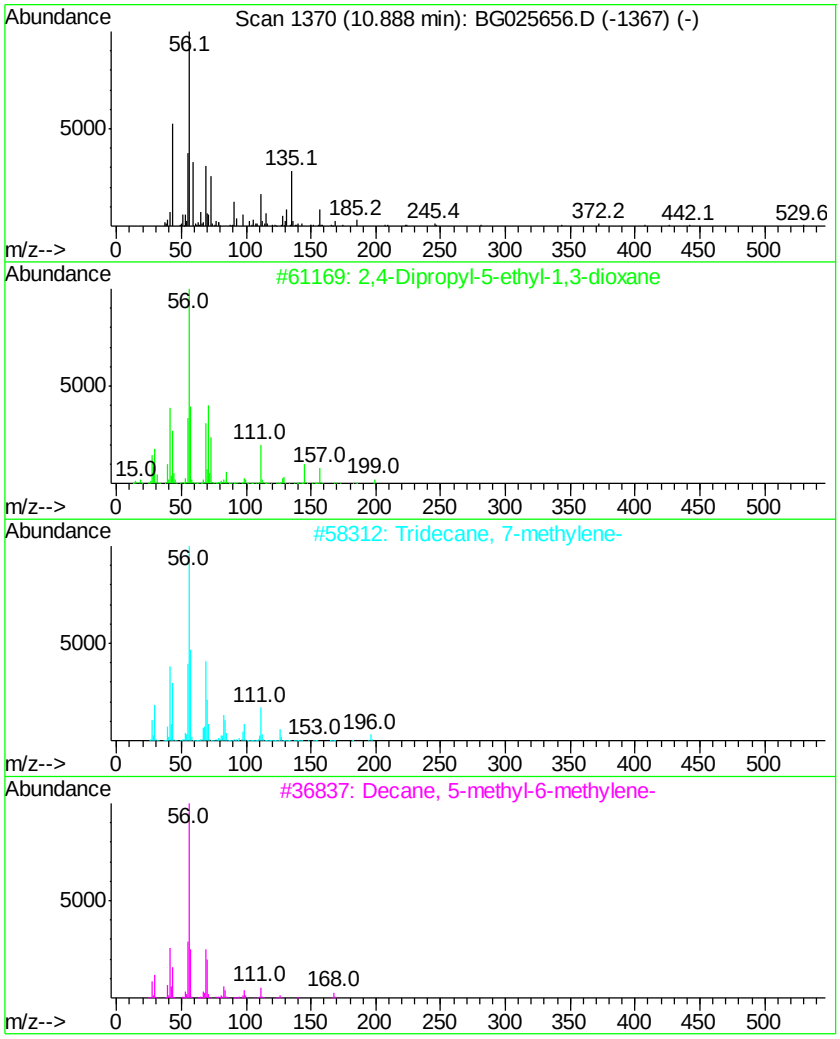
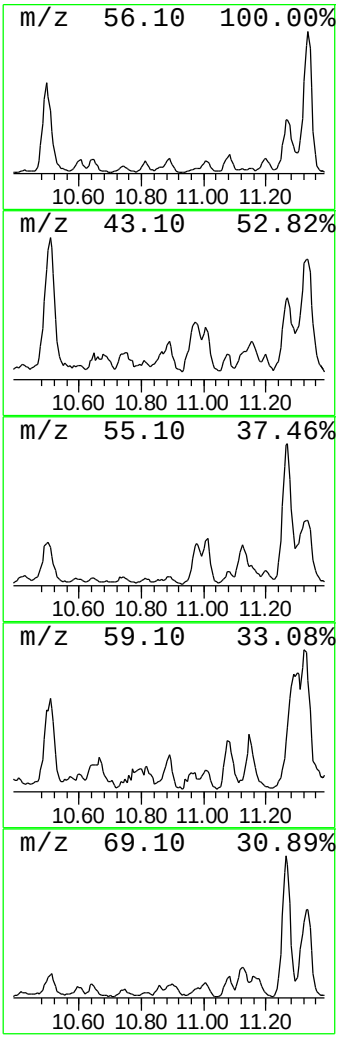
Peak Number 15 unknown-07 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	2.57 ng/ul	437211	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	40
2	Tridecane, 7-methylene-	196	C14H28	019780-80-4	25
3	Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	23
4	2-Methyl-1-nonene	140	C10H20	002980-71-4	23
5	Bicyclo[3.3.1]non-6-en-2-ylamine	137	C9H15N	1000185-55-6	23





Library Search Compound Report

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Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

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Quant Title : SVOA CALIBRATION

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

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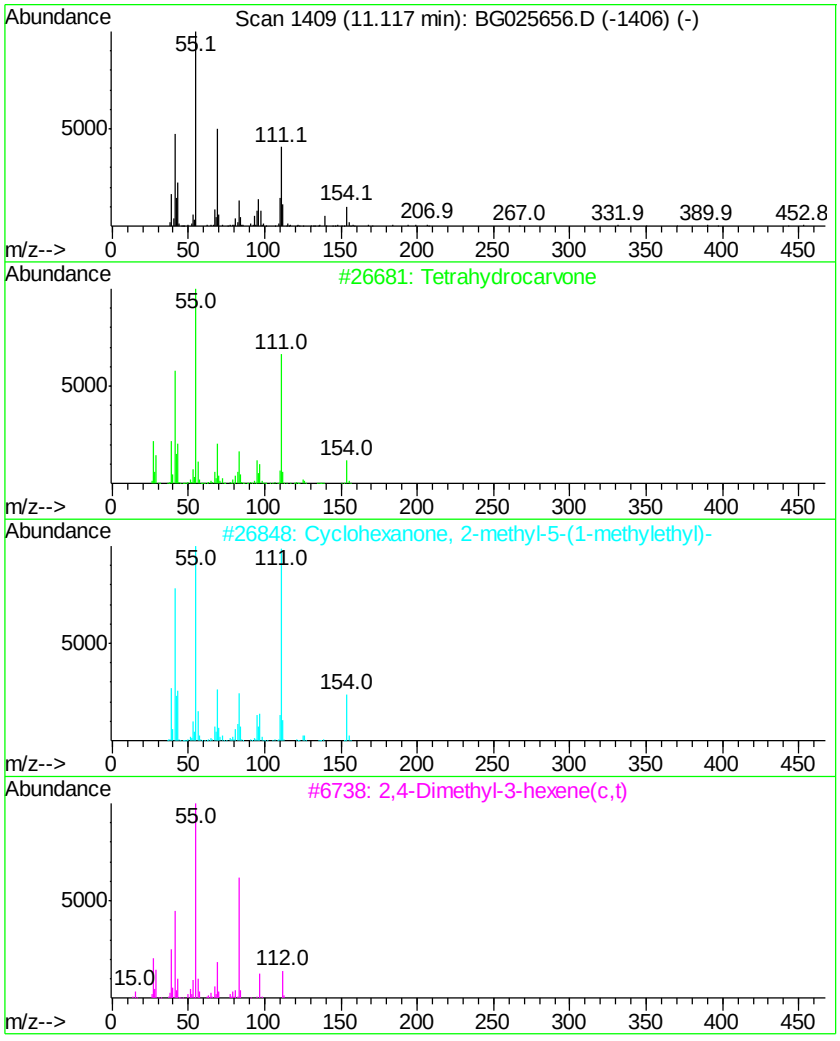
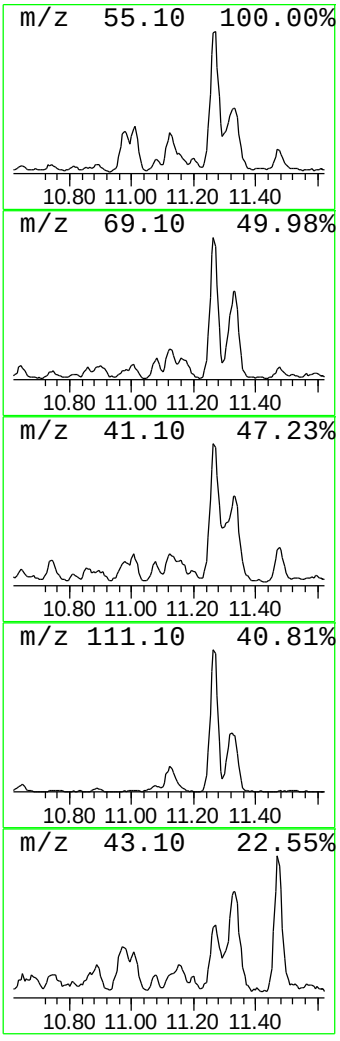
Peak Number 16 Tetrahydrocarvone Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.61 ng/ul	614760	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrocarvone	154	C10H18O	000499-70-7	52
2	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	52
3	2,4-Dimethyl-3-hexene(c,t)	112	C8H16	1000118-16-4	25
4	1,22-Docosanediol	342	C22H46O2	022513-81-1	22
5	5-Undecene, (E)-	154	C11H22	000764-97-6	14





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Instrument : BNA_G
ClientSampleId : DA9R3

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Quant Title : SVOA CALIBRATION

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

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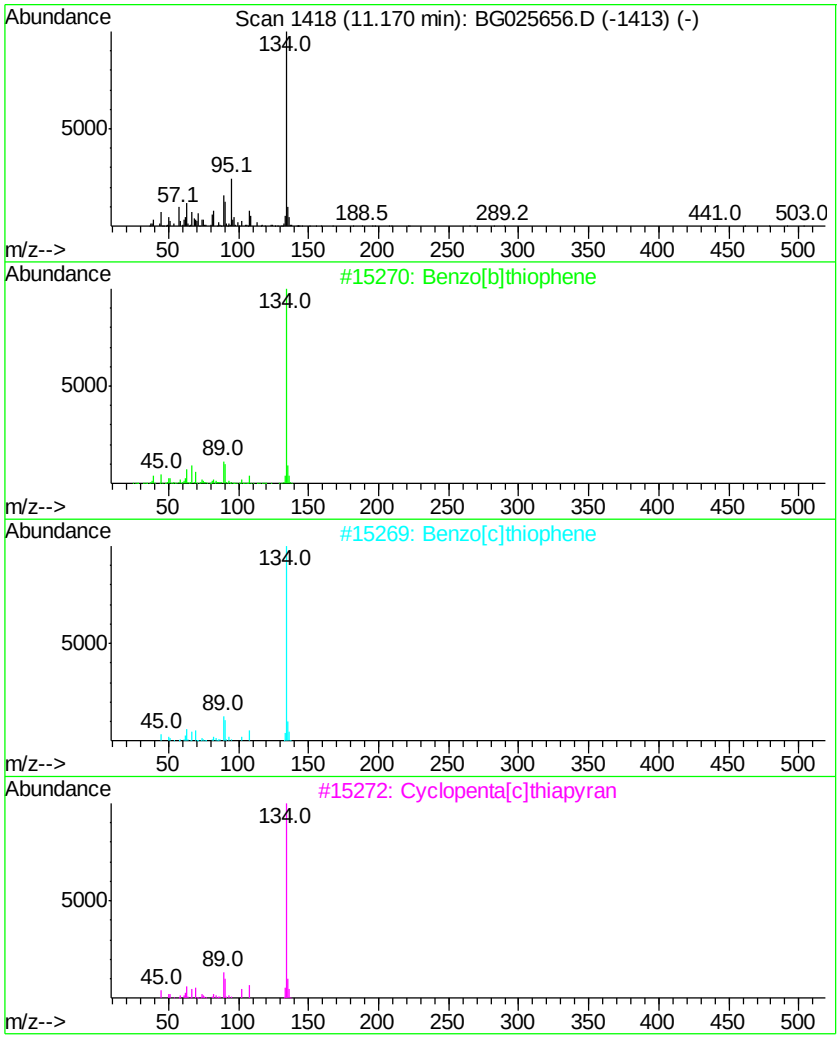
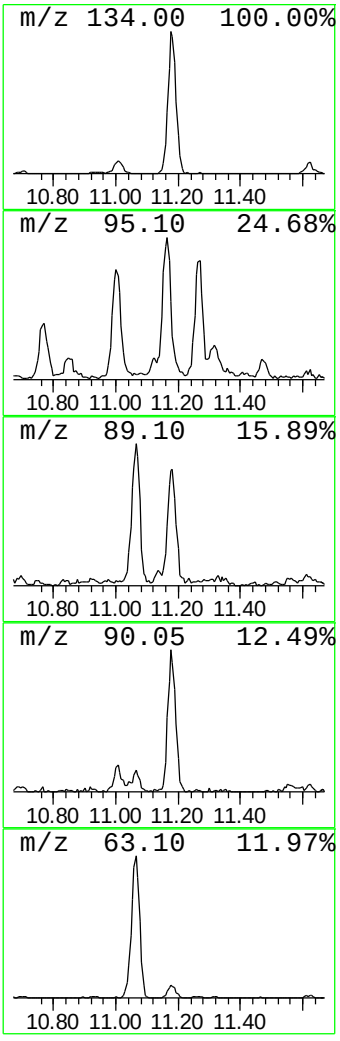
Peak Number 17 Benzo[b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	12.80 ng/ul	2181590	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	81
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	81
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	81
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	76
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	74





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Instrument : BNA_G
ClientSampleId : DA9R3

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Quant Title : SVOA CALIBRATION

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

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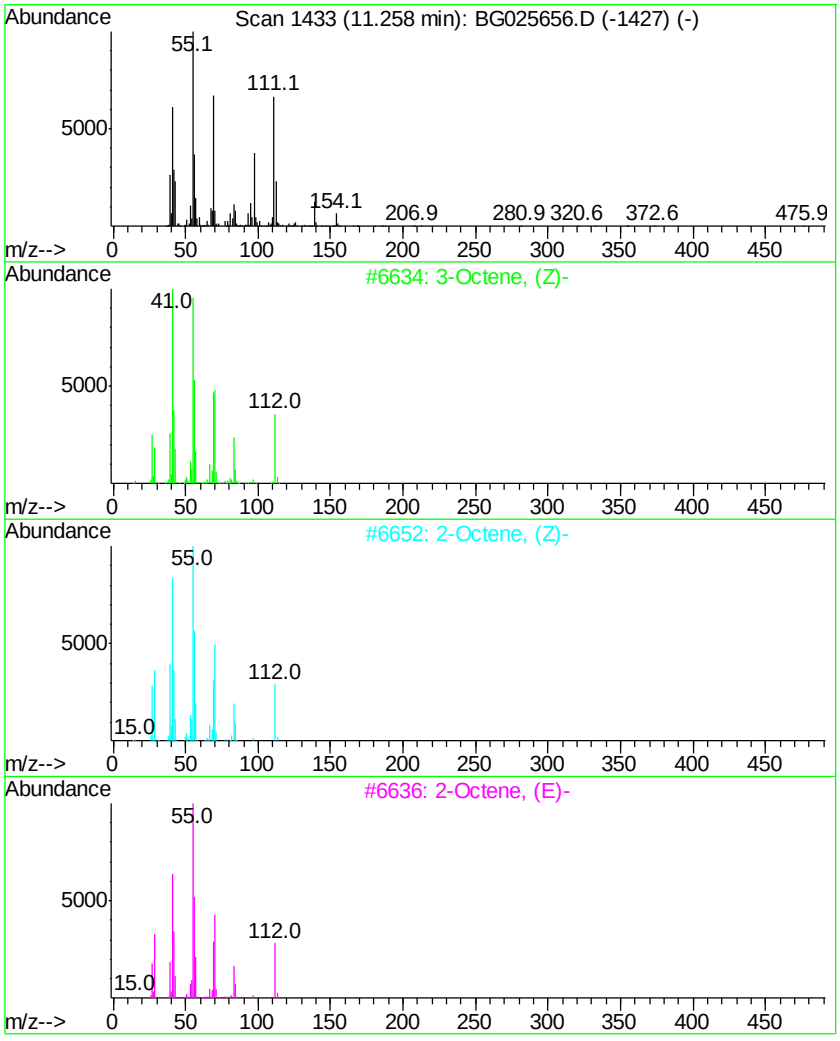
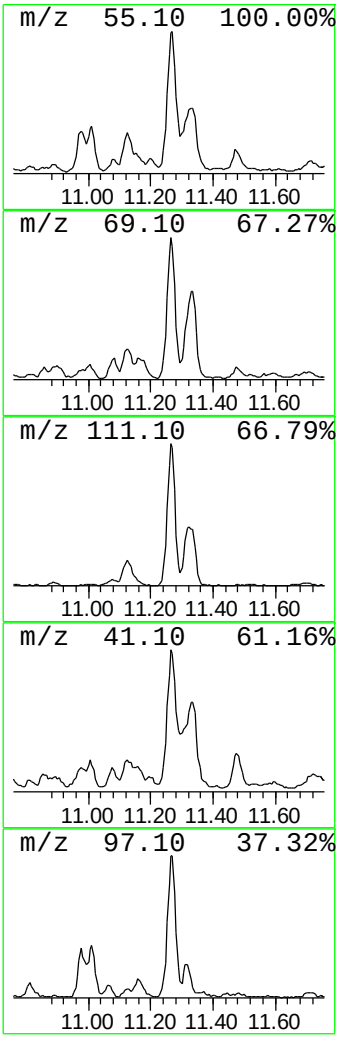
Peak Number 18 (DEL) Alkane: Cyclic11.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	35.66 ng/ul	6079080	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, (Z)-	112	C8H16	014850-22-7	50
2	2-Octene, (Z)-	112	C8H16	007642-04-8	46
3	2-Octene, (E)-	112	C8H16	013389-42-9	43
4	4-Octene, (E)-	112	C8H16	014850-23-8	43
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	43





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : DA9R3

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Quant Title : SVOA CALIBRATION

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

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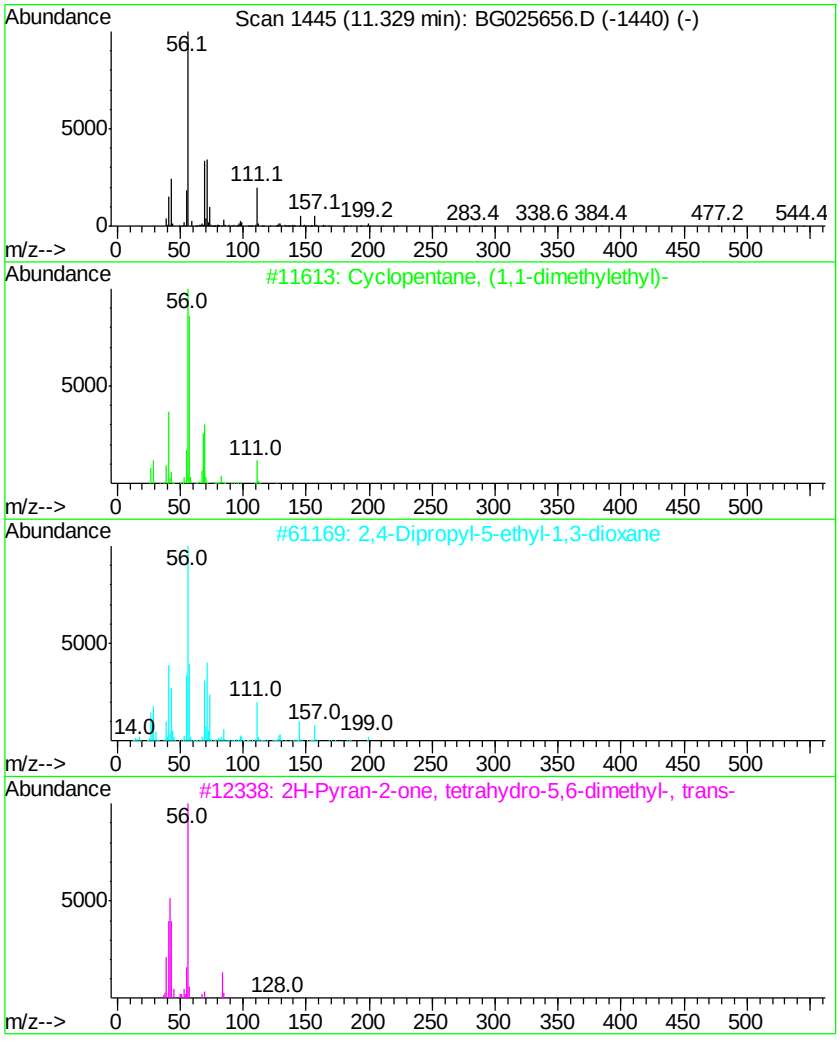
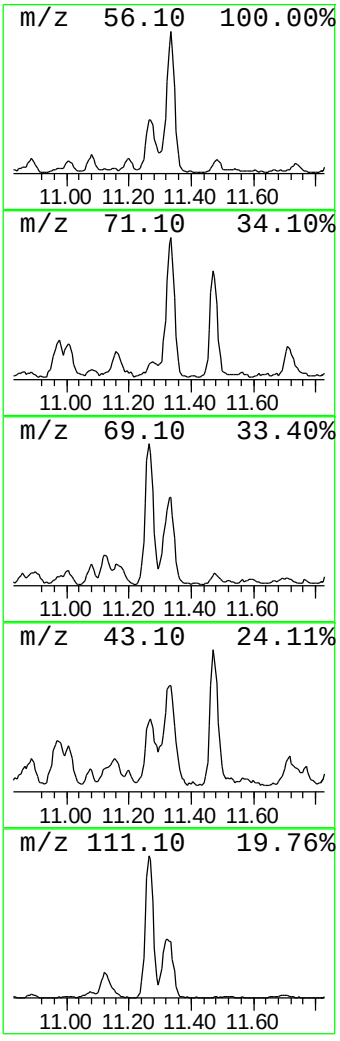
Peak Number 19 (DEL) Alkane: Cyclic11.33 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	31.45 ng/ul	5361490	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	40
2	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	25
3	2H-Pyran-2-one, tetrahydro-5,6-d...	128	C7H12O2	024405-16-1	9
4	3,3,4,4-Tetramethyl-cyclopentanone	140	C9H16O	056077-22-6	9
5	Cyclohexanamine	99	C6H13N	000108-91-8	9





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Sample : I1387-07
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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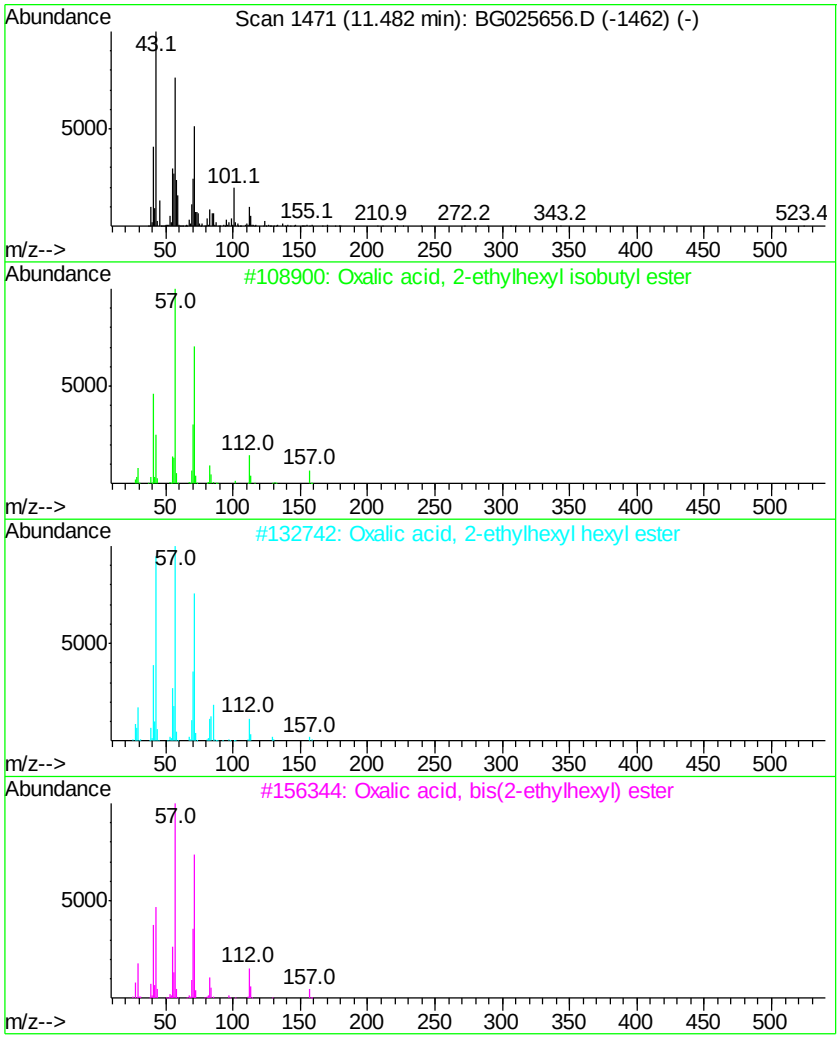
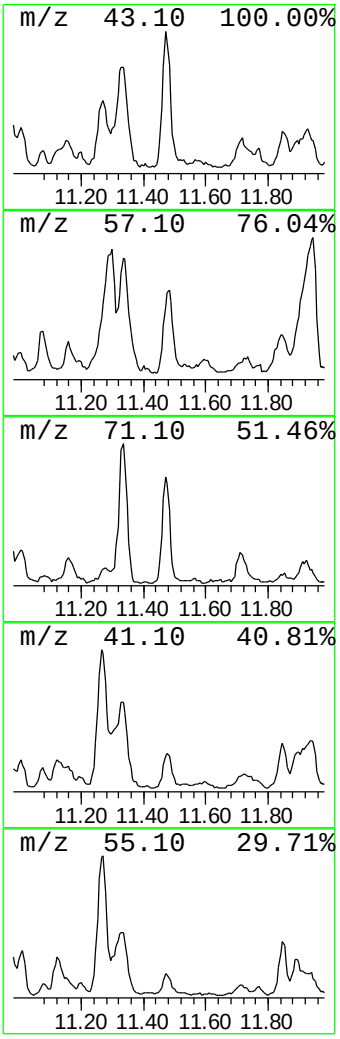
Peak Number 20 unknown-08 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	11.80 ng/ul	2010500	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1000309-38-5	47
2	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	47
3	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	47
4	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	47
5	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	46





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Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

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Quant Title : SVOA CALIBRATION

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

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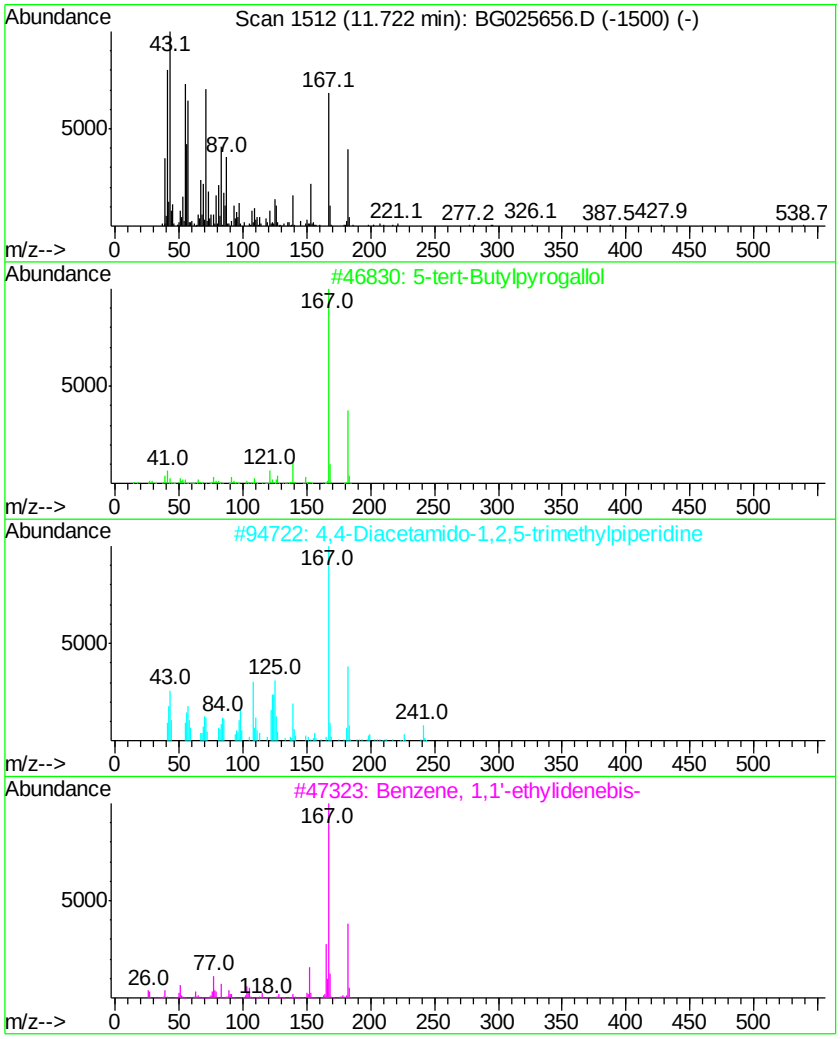
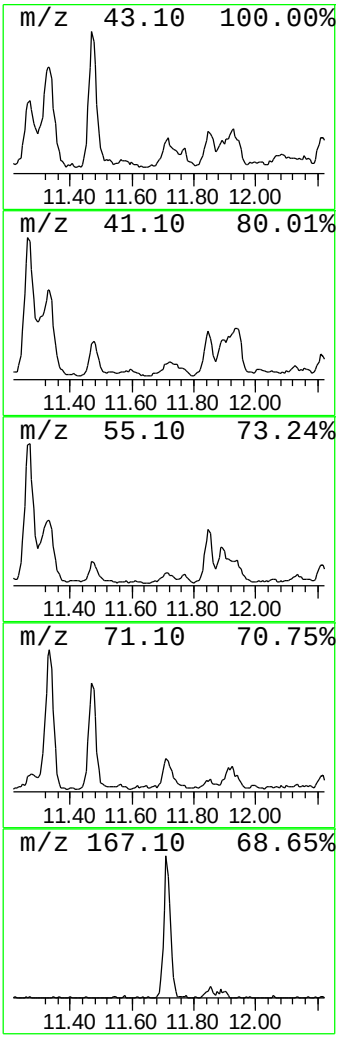
Peak Number 21 unknown-09 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	6.64 ng/ul	1132600	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-tert-Butylpyrogallol	182	C10H14O3	020481-17-8	30
2	4,4-Diacetamido-1,2,5-trimethylp...	241	C12H23N3O2	168143-19-9	27
3	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	22
4	3-Octen-2-one, 3-butyl-	182	C12H22O	032064-71-4	22
5	Cyclopentanone, 2-acetyl-3,3-dim...	224	C14H24O2	081052-66-6	22





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Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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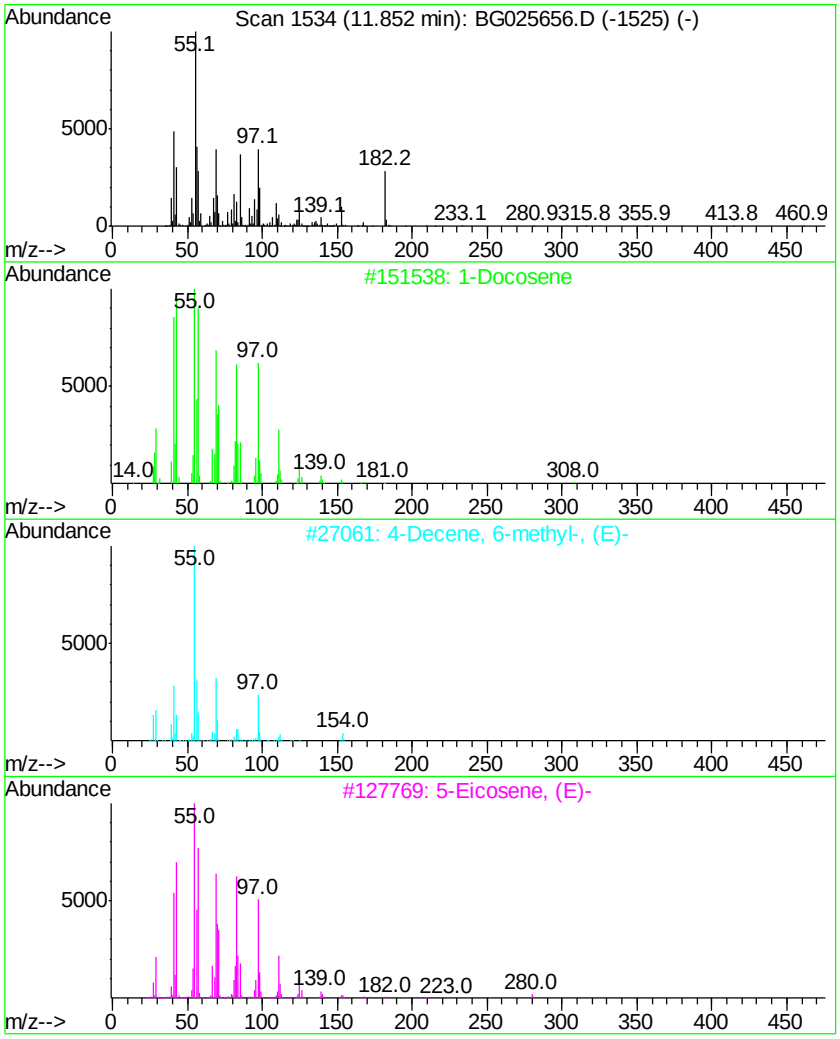
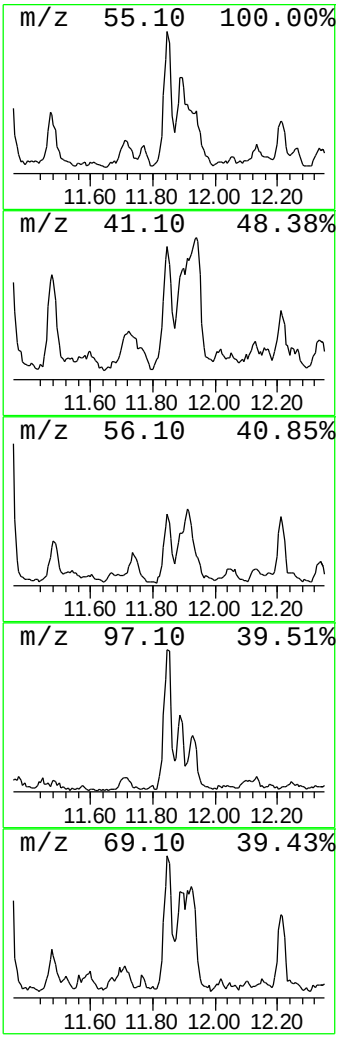
Peak Number 22 (DEL) Alkane: Cyclic11.85 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	12.93 ng/ul	2204640	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	50
2	4-Decene, 6-methyl-, (E)-	154	C11H22	036229-57-9	38
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	37
4	4-Undecene, 6-methyl-	168	C12H24	1000061-85-4	32
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	27





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Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

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Quant Title : SVOA CALIBRATION

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

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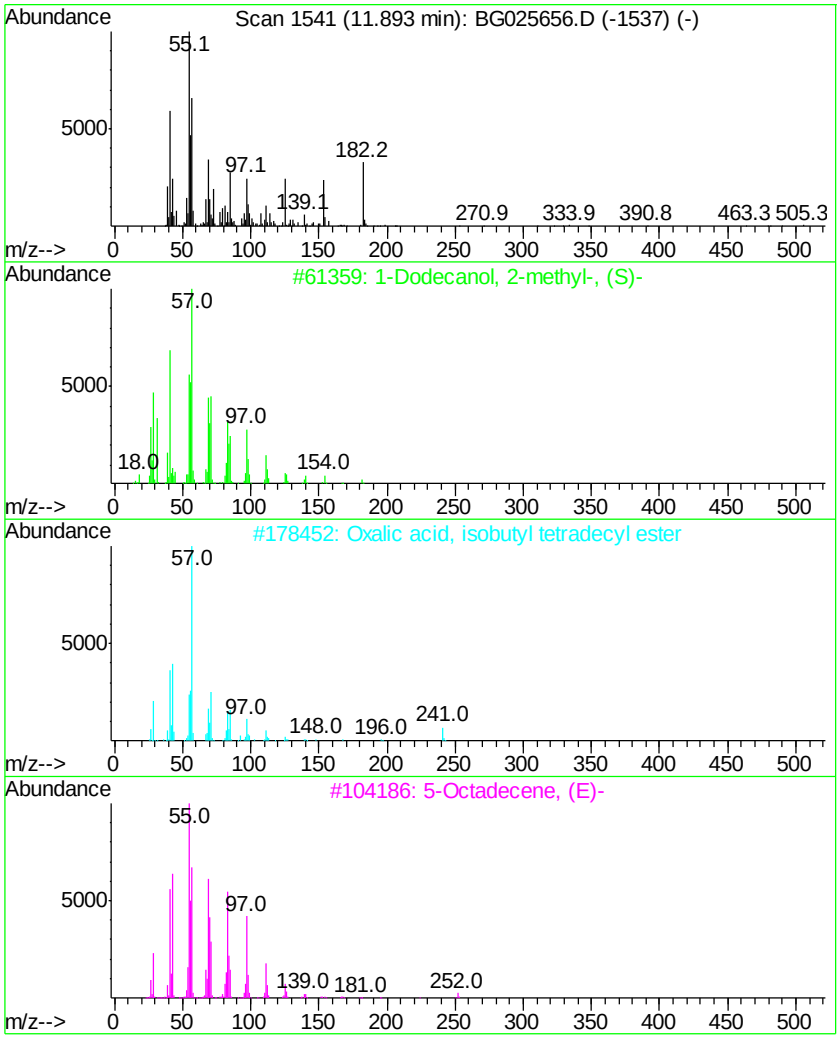
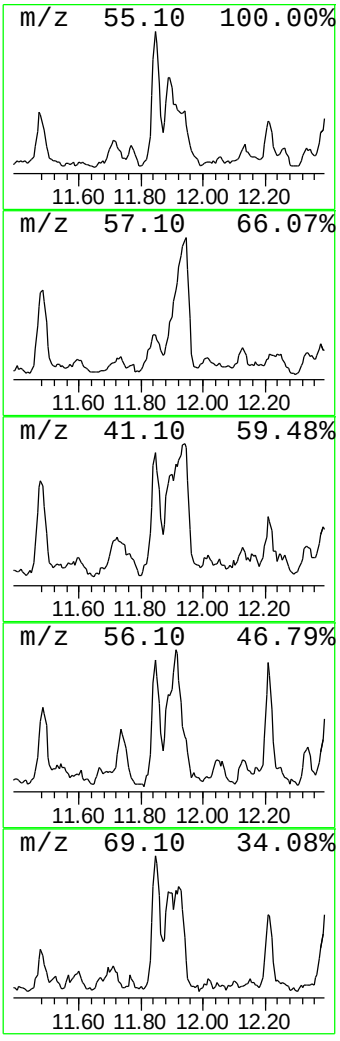
Peak Number 23 unknown-10 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.44 ng/ul	756196	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-methyl-, (S)-	200	C13H28O	057289-26-6	47
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	47
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	27
4	4-Undecene, 6-methyl-	168	C12H24	1000061-85-4	27
5	Cyclohexanone, 5-(1-hydroxy-2-pr...	182	C11H18O2	141033-66-1	22





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Quant Title : SVOA CALIBRATION

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

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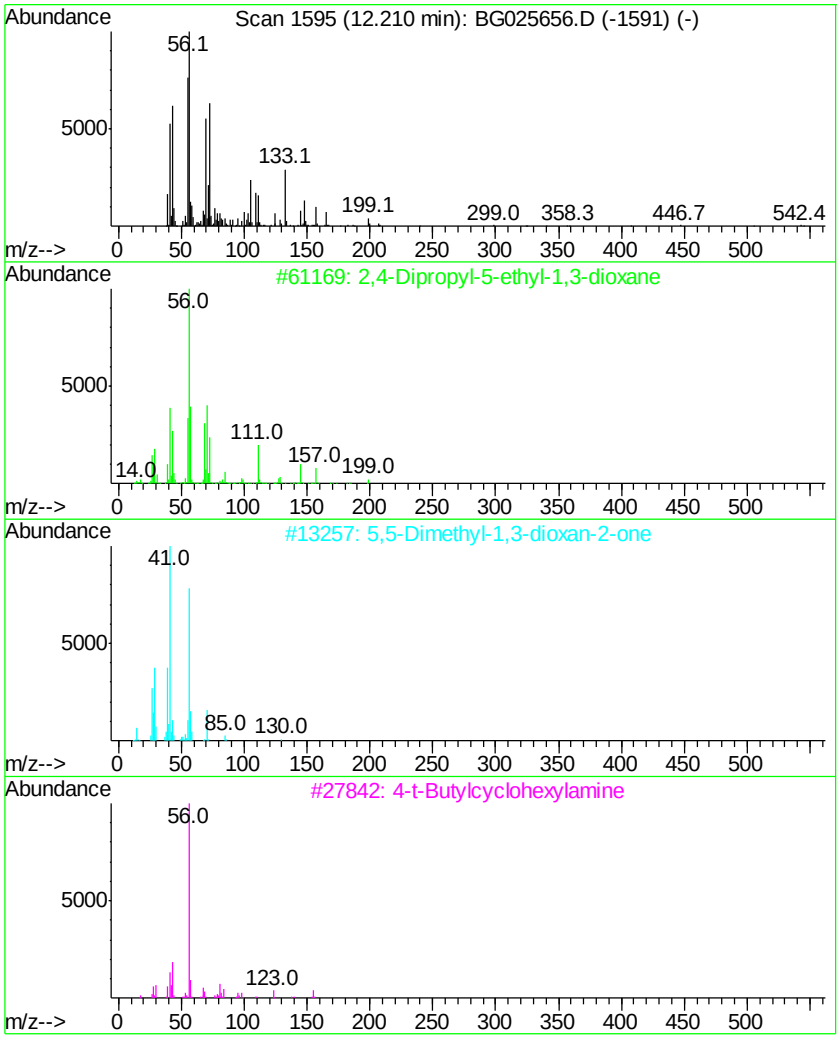
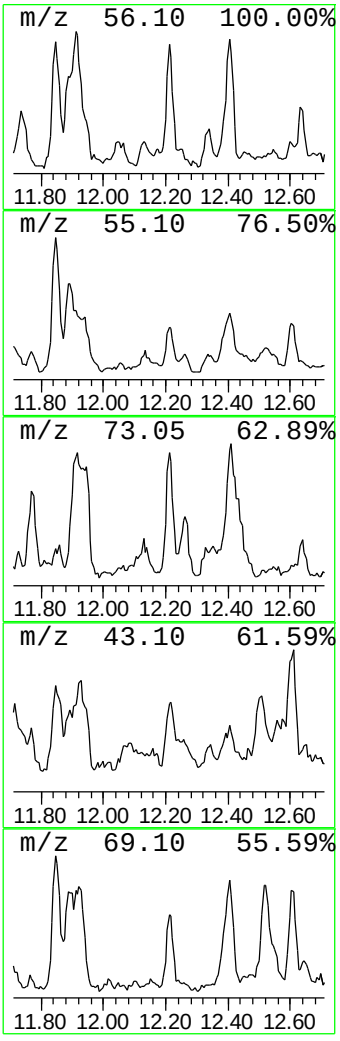
Peak Number 24 unknown-11 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	4.49 ng/ul	766113	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
2	5,5-Dimethyl-1,3-dioxan-2-one	130	C6H10O3	003592-12-9	35
3	4-t-Butylcyclohexylamine	155	C10H21N	005400-88-4	35
4	Hexyl trifluoroacetate	198	C8H13F3O2	000400-61-3	35
5	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	35





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Quant Title : SVOA CALIBRATION

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

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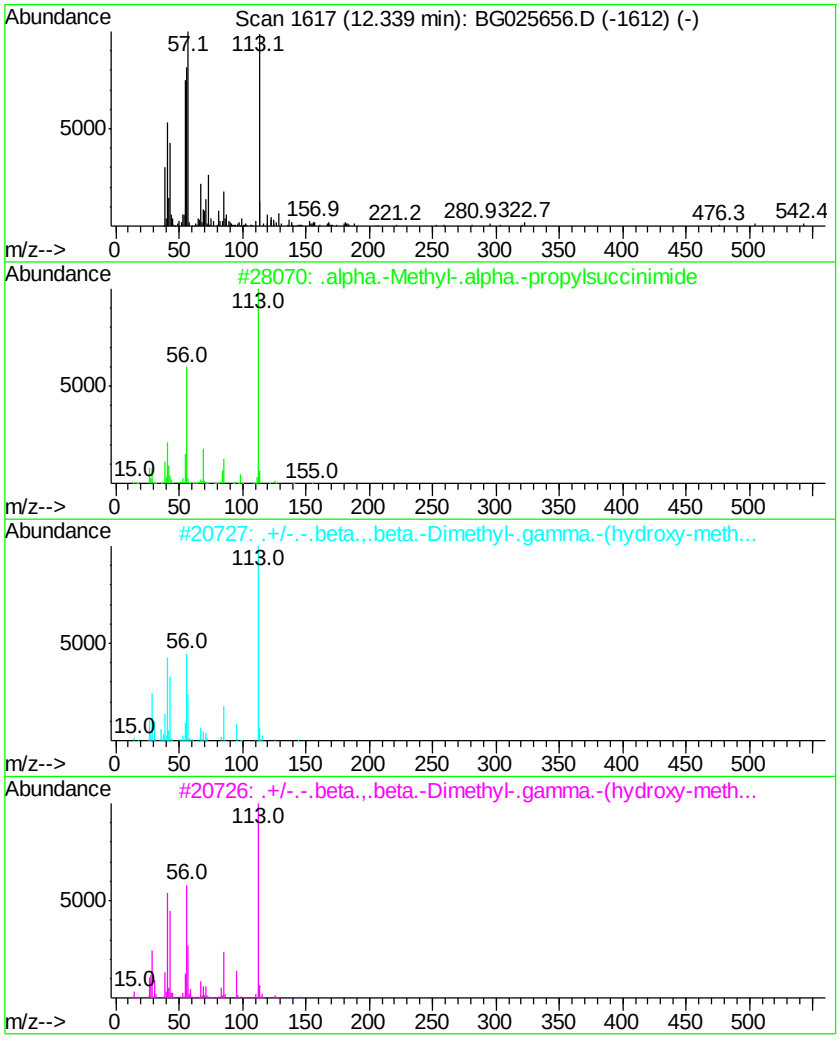
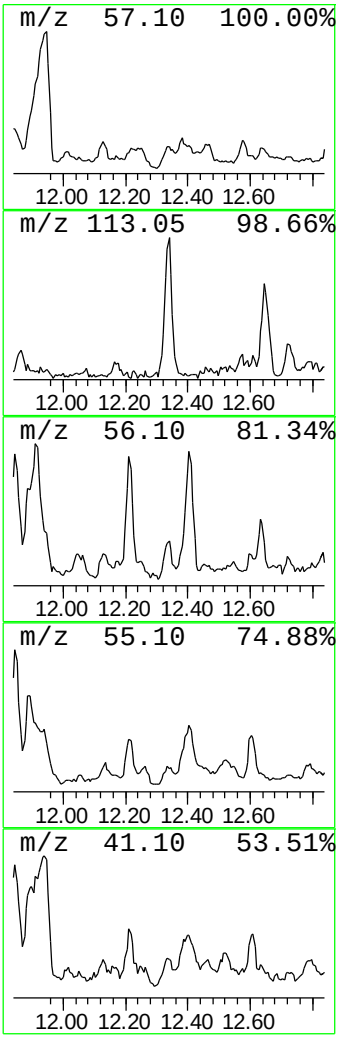
Peak Number 25 .alpha.-Methyl-.alpha.-prop... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	2.25 ng/ul	384226	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methyl-.alpha.-propylsuc...	155	C8H13NO2	001497-19-4	50
2	.+/-.-.beta.,.beta.-Dimethyl-.ga...	144	C7H12O3	052398-48-8	43
3	.+/-.-.beta.,.beta.-Dimethyl-.ga...	144	C7H12O3	052398-48-8	38
4	3,4-Dimethyl-5-hydroxy-isoxazole	113	C5H7NO2	029279-99-0	38
5	Nonane, 4-methylene-	140	C10H20	033717-91-8	35





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ClientSampleId : DA9R3

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Quant Title : SVOA CALIBRATION

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

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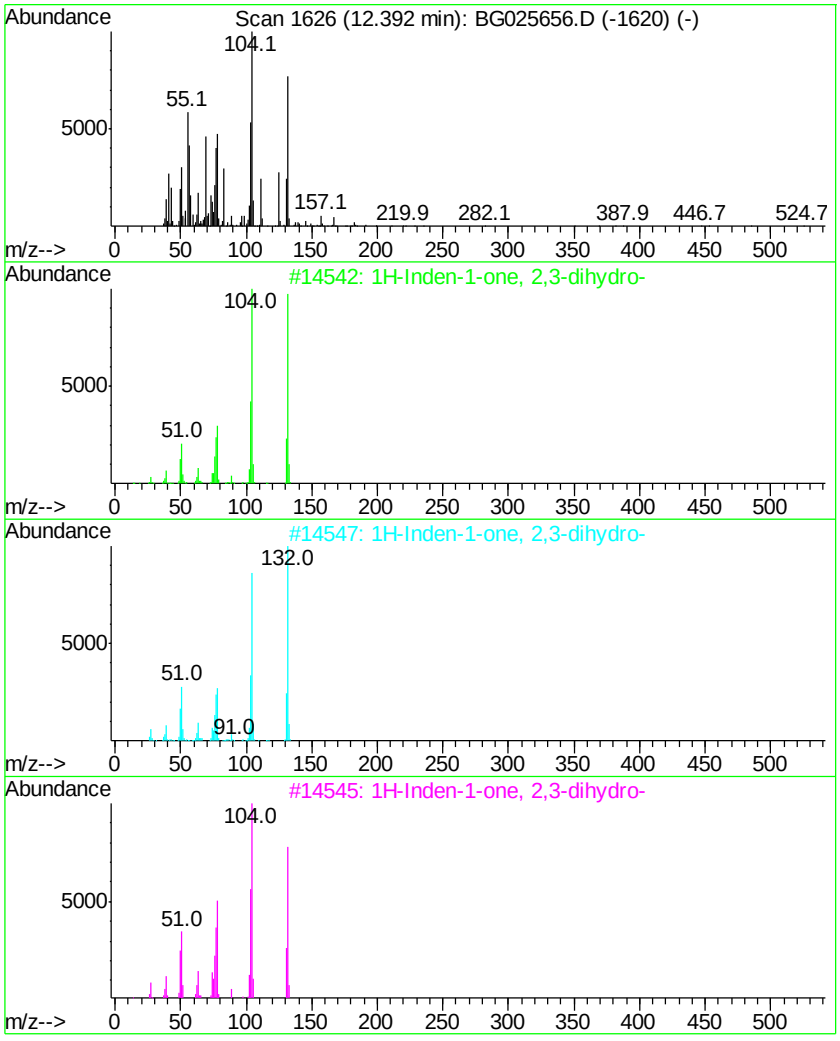
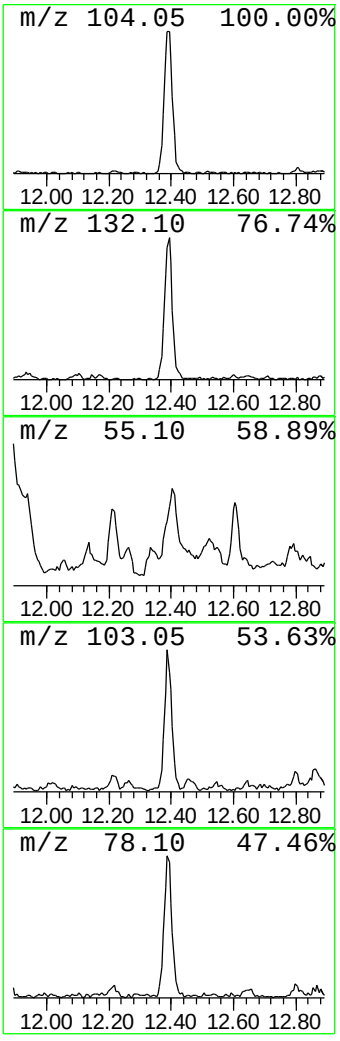
Peak Number 26 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	10.30 ng/ul	1755590	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	90
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	90
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	74
4	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	52
5	Styrene	104	C8H8	000100-42-5	50





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

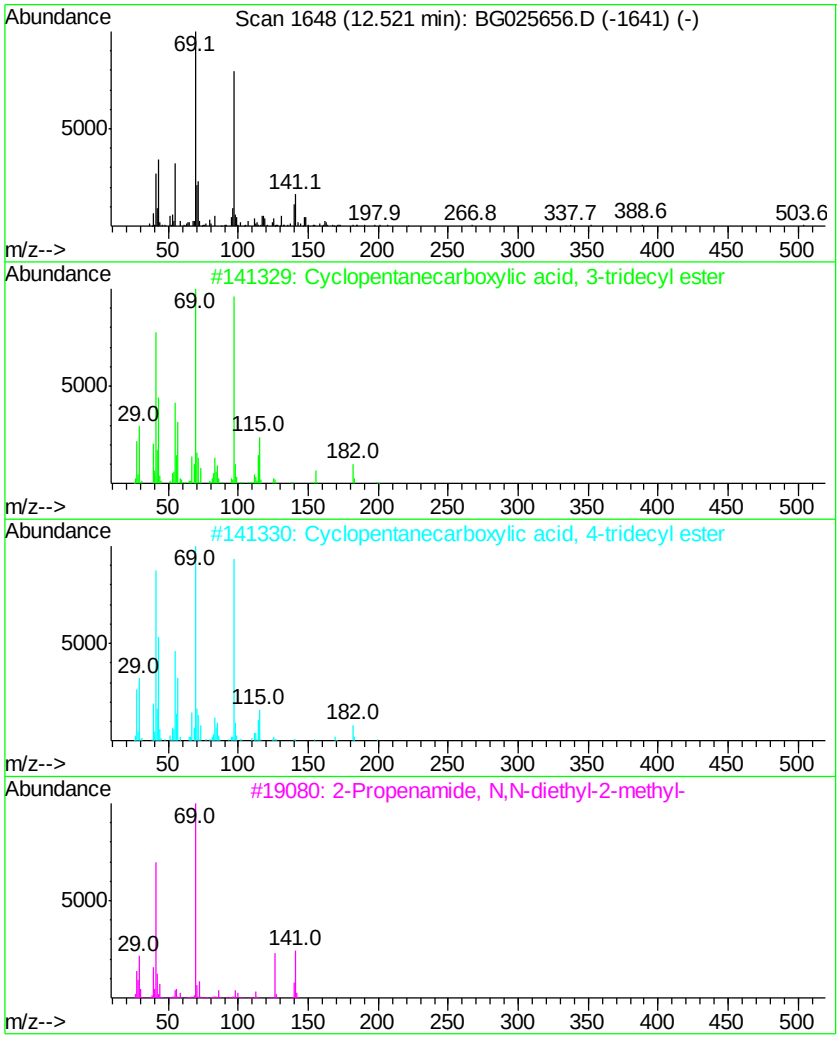
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

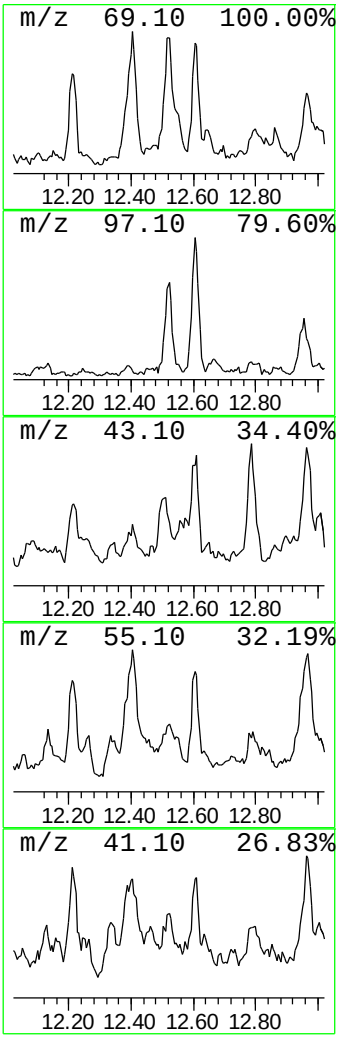
****

Peak Number 27 unknown-12 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.39 ng/ul	577117	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 3-t...	296	C19H36O2	1000280-58-5	45
2	Cyclopentanecarboxylic acid, 4-t...	296	C19H36O2	1000280-58-6	38
3	2-Propenamide, N,N-diethyl-2-met...	141	C8H15NO	005441-99-6	35
4	4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	27
5	Benzeneacetic acid, .alpha.-meth...	330	C17H21F3O3	1000196-41-1	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

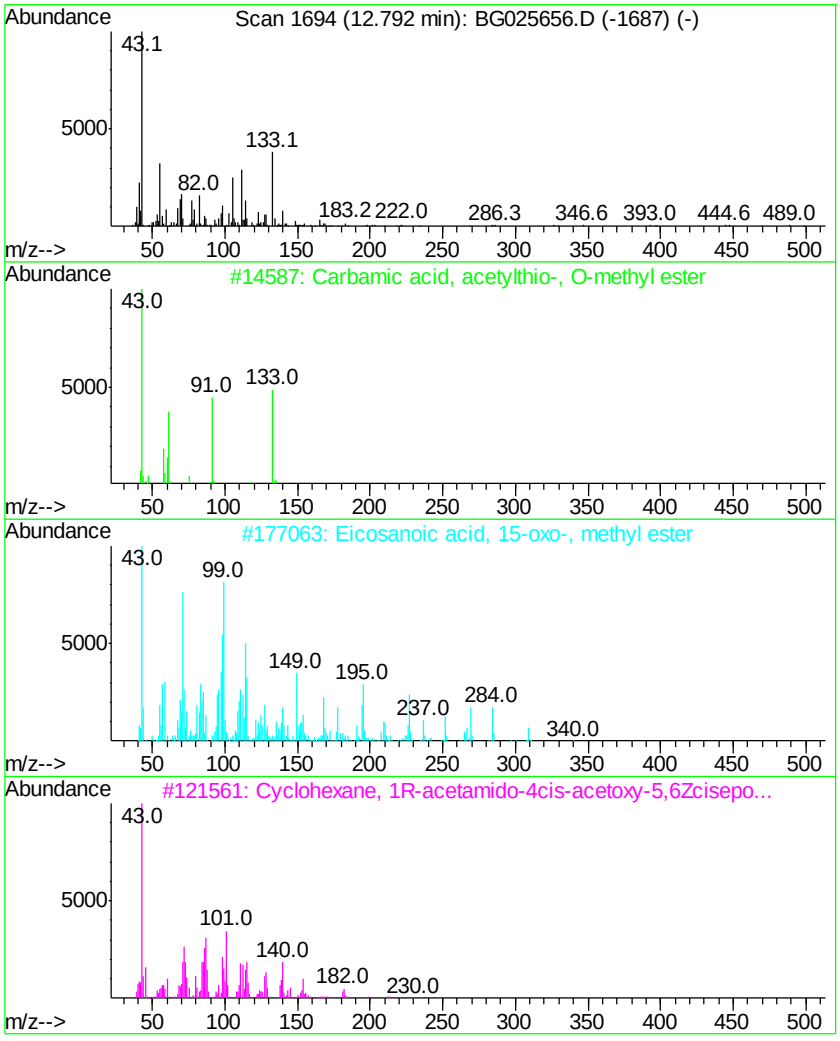
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

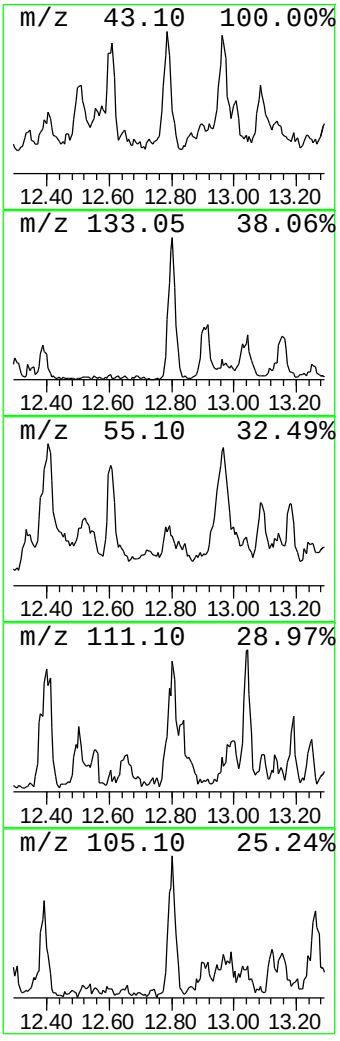
****

Peak Number 28 unknown-13 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.88 ng/ul	661080	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	9
2	Eicosanoic acid, 15-oxo-, methyl...	340	C21H40O3	019271-79-5	9
3	Cyclohexane, 1R-acetamido-4cis-a...	273	C12H19NO6	1000153-72-4	9
4	2-Acetylamino-3-cyano-propionic ...	156	C6H8N2O3	1000300-93-6	9
5	5-Ethyl-3-hepten-2-one	140	C9H16O	1000370-34-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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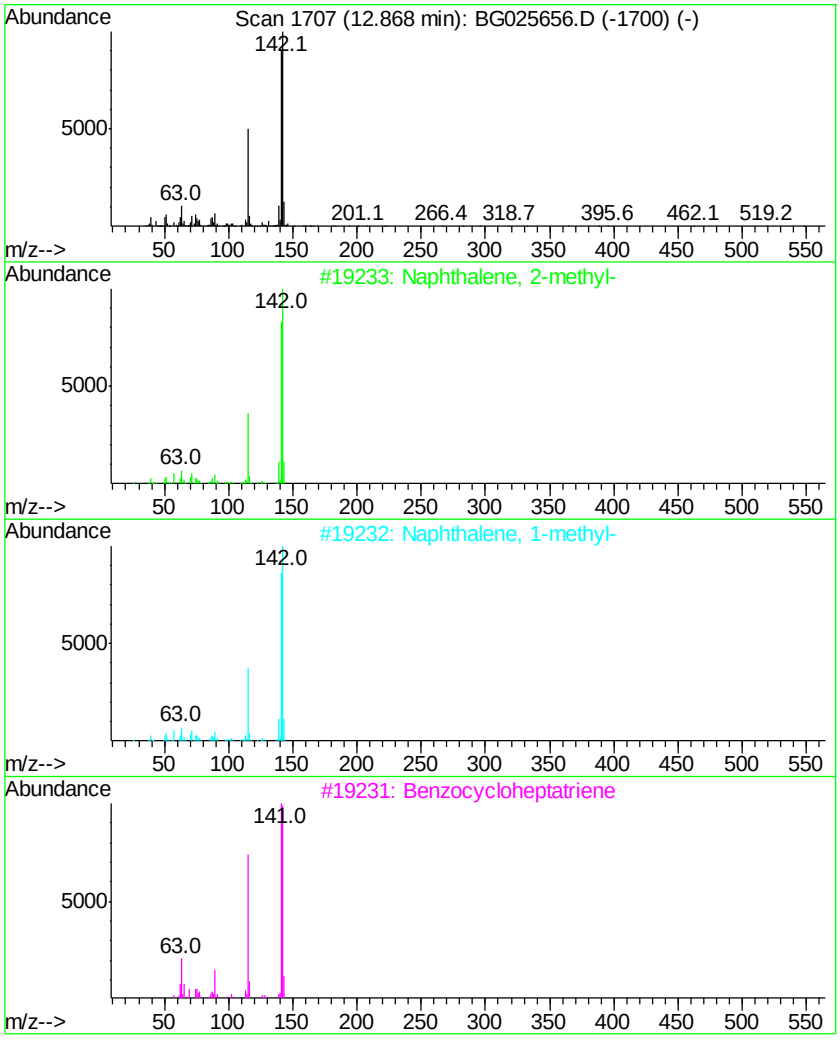
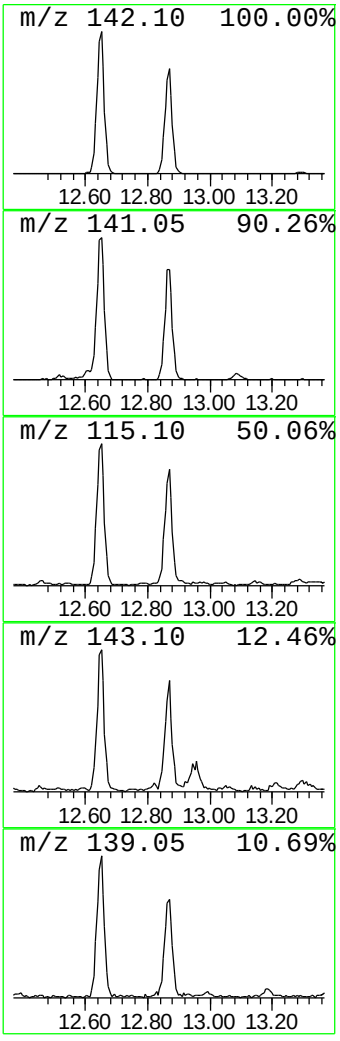
Peak Number 29 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	12.82 ng/ul	2184990	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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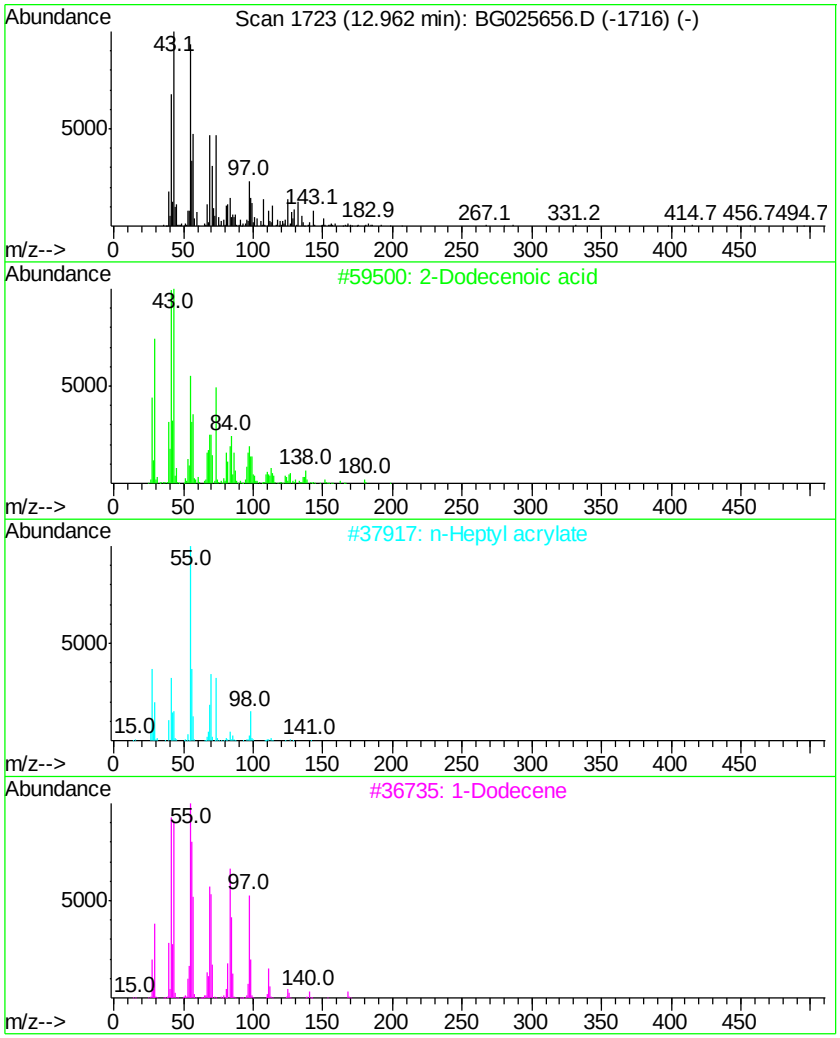
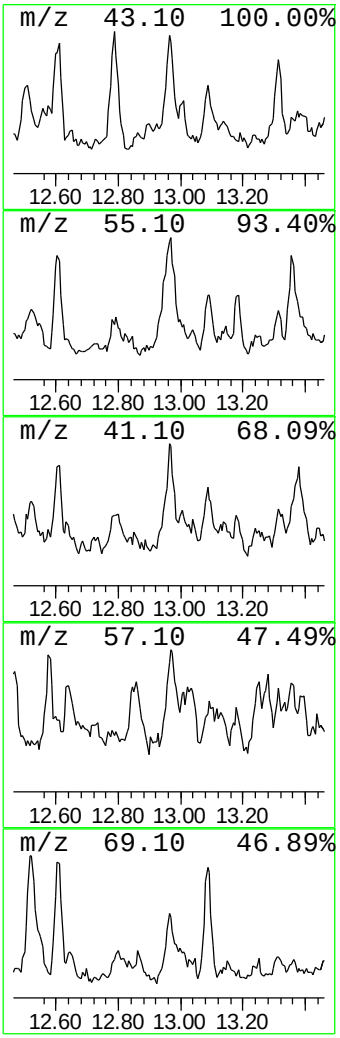
Peak Number 30 2-Dodecenoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	10.83 ng/ul	1145520	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecenoic acid	198	C12H22O2	004412-16-2	58
2	n-Heptyl acrylate	170	C10H18O2	002499-58-3	43
3	1-Dodecene	168	C12H24	000112-41-4	38
4	1-Decene	140	C10H20	000872-05-9	30
5	Ethanone, 1-(7-oxabicyclo[4.1.0]...	140	C8H12O2	015121-01-4	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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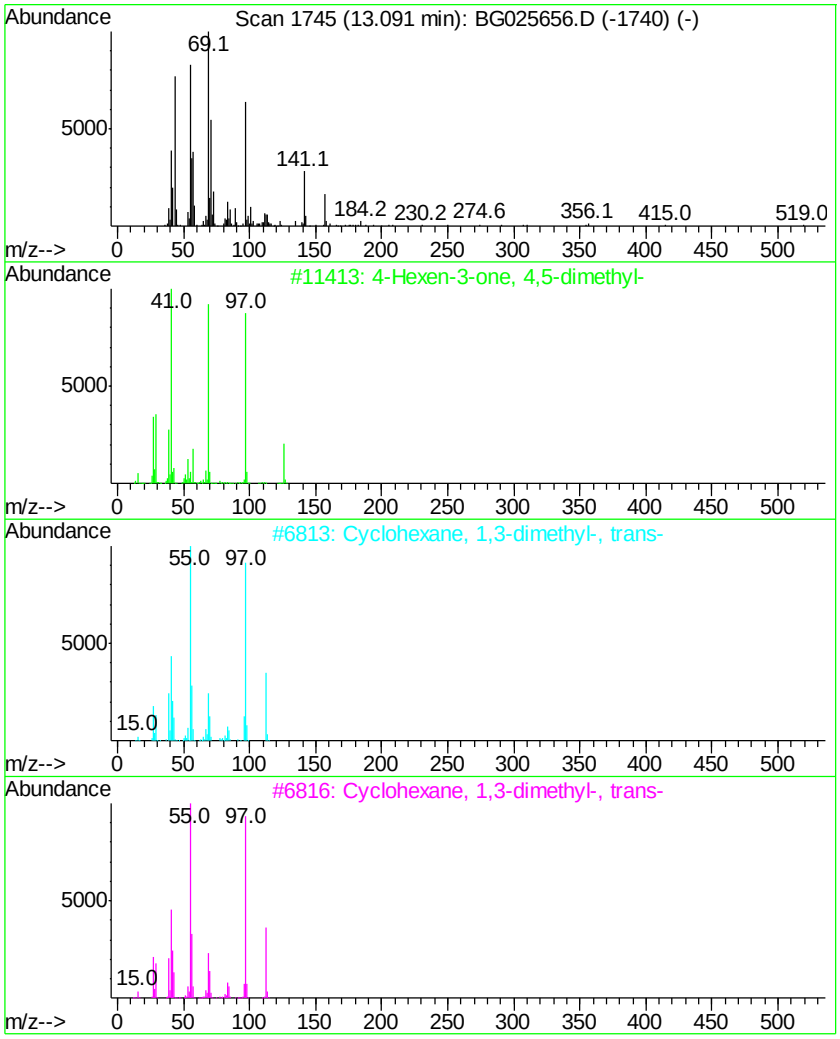
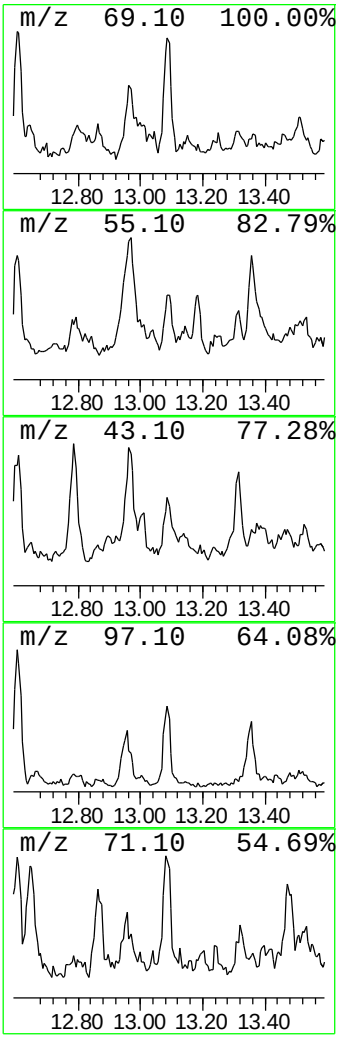
Peak Number 31 unknown-14 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	4.46 ng/ul	471850	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	38
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	30
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	27
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	27
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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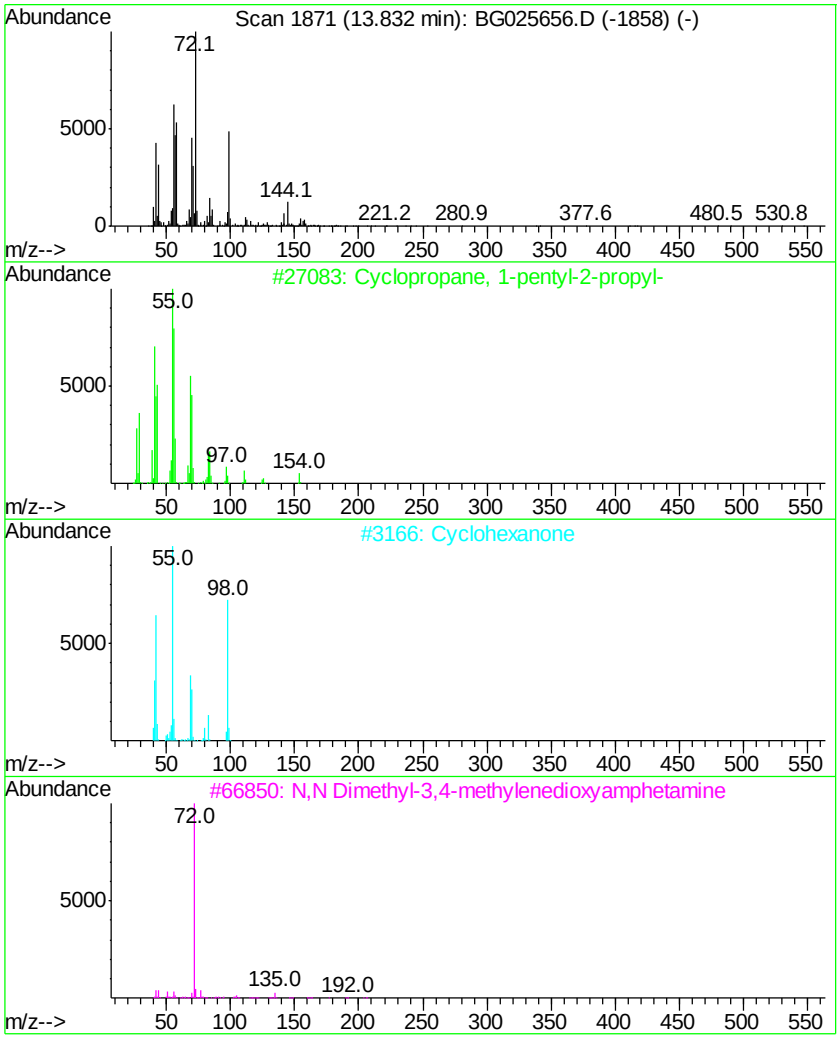
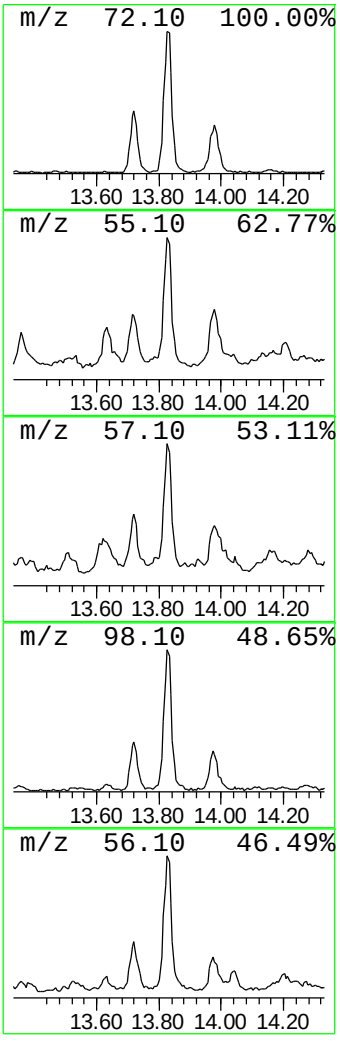
Peak Number 33 (DEL) Alkane: Cyclic13.83 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	40.01 ng/ul	4232880	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-pentyl-2-propyl-	154	C11H22	041977-33-7	35
2	Cyclohexanone	98	C6H10O	000108-94-1	35
3	N,N Dimethyl-3,4-methylenedioxya...	207	C12H17NO2	074698-50-3	35
4	2-Heptene, (E)-	98	C7H14	014686-13-6	27
5	2-Heptene, (E)-	98	C7H14	014686-13-6	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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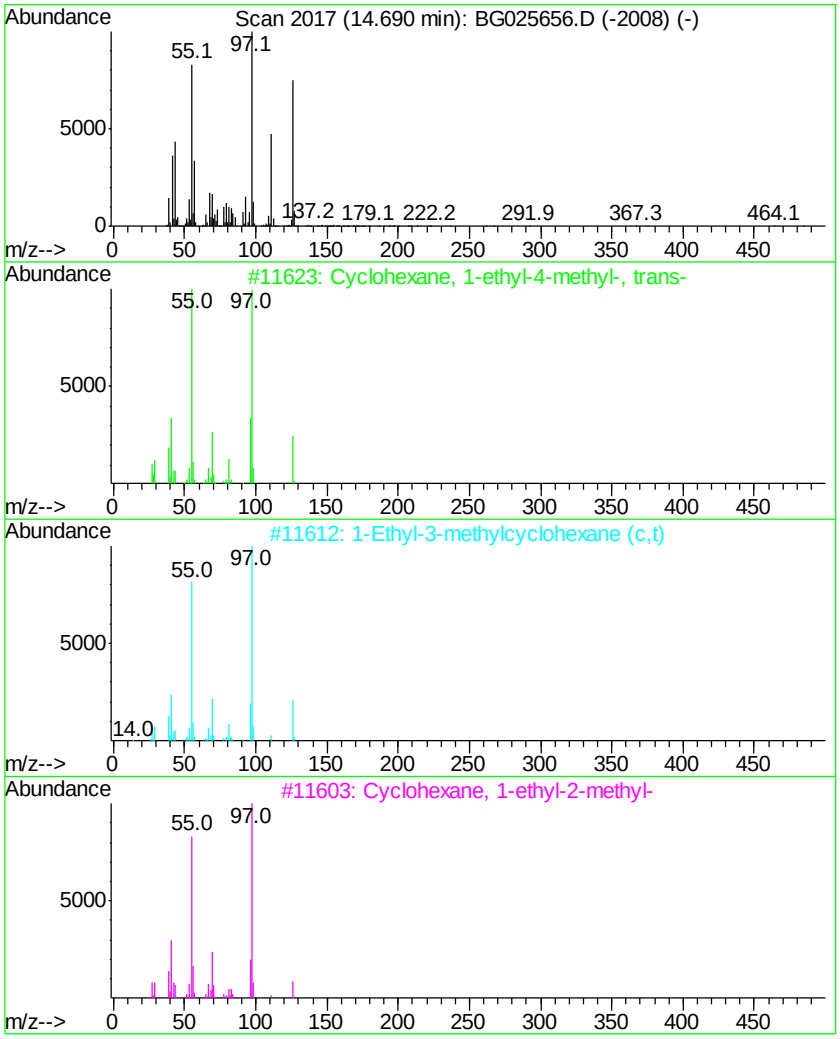
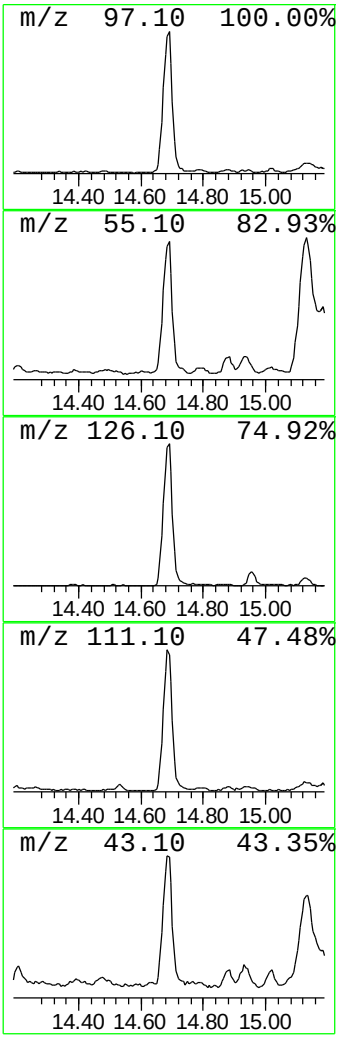
Peak Number 37 (DEL) Alkane: Cyclic14.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	80.65 ng/ul	8532120	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	68
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	59
4	1H-Pyrazole, 4,5-dihydro-3-methy...	126	C7H14N2	026964-49-8	58
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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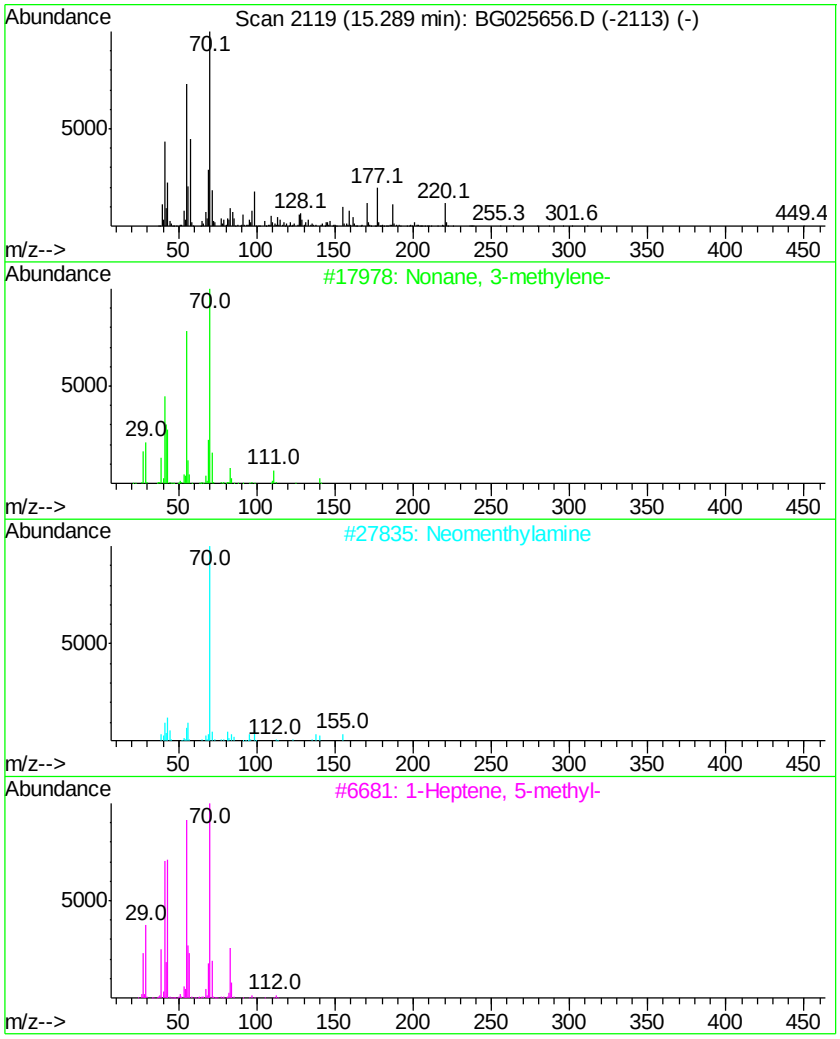
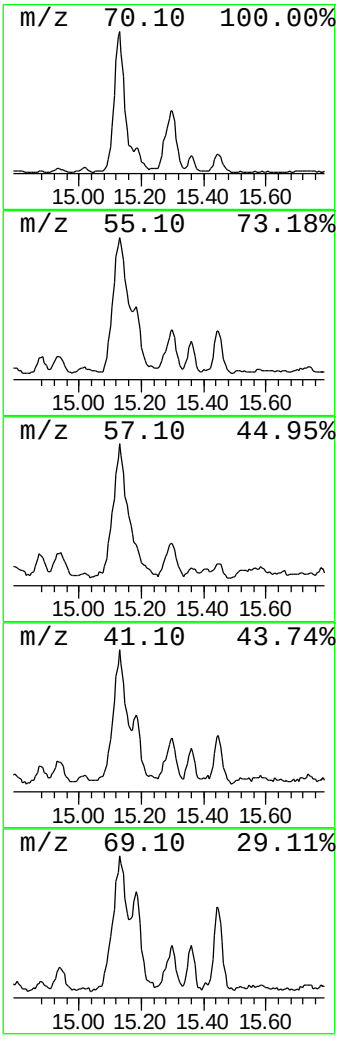
Peak Number 40 (DEL) Alkane: Cyclic15.29 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	26.49 ng/ul	2801930	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methylene-	140	C10H20	051655-64-2	47
2	Neomenthylamine	155	C10H21N	007231-40-5	43
3	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	40
4	5-Undecene, 3-methyl-, (E)-	168	C12H24	074630-67-4	40
5	2-Nonene, 3-methyl-, (E)-	140	C10H20	017003-99-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012517\
Data File : BG025656.D
Acq On : 26 Jan 2017 6:10
Operator : SJ/MA
Sample : I1387-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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
4-Heptanone, 2,6-...	7.29	5.5	ng/ul	2632210	1	8.17	9580870	20.0
2-Heptanone, 4,6-...	7.57	20.1	ng/ul	9636760	1	8.17	9580870	20.0
Cyclohexanone, 3,...	8.61	27.4	ng/ul	13105800	1	8.17	9580870	20.0
unknown-01	8.97	2.7	ng/ul	1290630	1	8.17	9580870	20.0
unknown-02	9.28	3.0	ng/ul	1440440	1	8.17	9580870	20.0
unknown-03	9.61	2.4	ng/ul	401523	2	11.01	3409010	20.0
unknown-04	9.69	6.6	ng/ul	1122320	2	11.01	3409010	20.0
unknown-05	9.77	9.5	ng/ul	1619950	2	11.01	3409010	20.0
unknown-06	10.02	13.4	ng/ul	2283230	2	11.01	3409010	20.0
4-Decanol	10.21	2.5	ng/ul	422455	2	11.01	3409010	20.0
2-Butyl-.delta.1-...	10.24	2.7	ng/ul	454007	2	11.01	3409010	20.0
Cyclohexanecarbox...	10.41	3.8	ng/ul	639678	2	11.01	3409010	20.0
(DEL) Alkane: Cyc...	10.50	18.1	ng/ul	3089340	2	11.01	3409010	20.0
Propanoic acid, 2...	10.74	3.3	ng/ul	565633	2	11.01	3409010	20.0
unknown-07	10.89	2.6	ng/ul	437211	2	11.01	3409010	20.0
Tetrahydrocarvone	11.12	3.6	ng/ul	614760	2	11.01	3409010	20.0
Benzo[b]thiophene	11.17	12.8	ng/ul	2181590	2	11.01	3409010	20.0
(DEL) Alkane: Cyc...	11.26	35.7	ng/ul	6079080	2	11.01	3409010	20.0
(DEL) Alkane: Cyc...	11.33	31.4	ng/ul	5361490	2	11.01	3409010	20.0
unknown-08	11.48	11.8	ng/ul	2010500	2	11.01	3409010	20.0
unknown-09	11.72	6.6	ng/ul	1132600	2	11.01	3409010	20.0
(DEL) Alkane: Cyc...	11.85	12.9	ng/ul	2204640	2	11.01	3409010	20.0
unknown-10	11.89	4.4	ng/ul	756196	2	11.01	3409010	20.0
unknown-11	12.21	4.5	ng/ul	766113	2	11.01	3409010	20.0
.alpha.-Methyl-.a...	12.34	2.3	ng/ul	384226	2	11.01	3409010	20.0
1H-Inden-1-one, 2...	12.39	10.3	ng/ul	1755590	2	11.01	3409010	20.0
unknown-12	12.52	3.4	ng/ul	577117	2	11.01	3409010	20.0
unknown-13	12.79	3.9	ng/ul	661080	2	11.01	3409010	20.0
Naphthalene, 1-me...	12.87	12.8	ng/ul	2184990	2	11.01	3409010	20.0
2-Dodecenoic acid	12.96	10.8	ng/ul	1145520	3	14.81	2115740	20.0
unknown-14	13.09	4.5	ng/ul	471850	3	14.81	2115740	20.0
(DEL) Alkane: Cyc...	13.83	40.0	ng/ul	4232880	3	14.81	2115740	20.0
(DEL) Alkane: Cyc...	14.69	80.7	ng/ul	8532120	3	14.81	2115740	20.0
(DEL) Alkane: Cyc...	15.29	26.5	ng/ul	2801930	3	14.81	2115740	20.0