LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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	5.775	494	500	509	rVB	54465	119107	0.25%	0.096%
2	6.198	567	572	584	rVB	98715	175702	0.37%	0.141%
3	6.633	641	646	659	rVB2	120731	222922	0.47%	0.179%
4	7.238	741	749	753	rBV4	87746	178766	0.38%	0.144%
5	7.285	753	757	765	rVB2	250469	434648	0.91%	0.349%
6	7.508	788	795	799	rBV3	189200	342172	0.72%	0.275%
7	7.567	799	805	813	rVB	719115	1164919	2.45%	0.937%
8	7.708	824	829	838	rVB2	102290	190463	0.40%	0.153%
9	7.802	838	845	854	rVV2	114576	229789	0.48%	0.185%
10	8.114	890	898	903	rBV	92904	171204	0.36%	0.138%
11	8.213	903	915	923	rVV	3018075	5638353	11.86%	4.534%
12	8.278	923	926	940	rVB4	95637	213827	0.45%	0.172%
13	8.543	966	971	975	rBV2	110947	188082	0.40%	0.151%
14	8.601	975	981	993	rVV2	638002	1224804	2.58%	0.985%
15	8.713	993	1000	1007	rVB	206208	386512	0.81%	0.311%
16	8.795	1007	1014	1021	rBV4	85835	182733	0.38%	0.147%
17	8.966	1037	1043	1050	rVB6	93708	203747	0.43%	0.164%
18	9.277	1083	1096	1104	rBV3	126448	270997	0.57%	0.218%
19	9.365	1104	1111	1123	rBV5	104660	237974	0.50%	0.191%
20	9.559	1123	1144	1150	rBV3	798927	3308597	6.96%	2.660%
21	9.700	1158	1168	1174	rVB5	66242	165696	0.35%	0.133%
22	9.771	1174	1180	1190	rVB5	79376	184264	0.39%	0.148%
23	9.859	1190	1195	1198	rBV2	80125	134323	0.28%	0.108%
24	9.941	1201	1209	1216	rVB4	131603	364217	0.77%	0.293%
25	10.017	1216	1222	1224	rBV2	101112	178189	0.37%	0.143%
26	10.047	1225	1227	1231	rVV2	87029	140777	0.30%	0.113%
27	10.094	1231	1235	1243	rVV3	164075	393267	0.83%	0.316%
28	10.235	1252	1259	1265	rVB4	57862	117727	0.25%	0.095%
29	10.382	1272	1284	1296	rBV3	124548	302495	0.64%	0.243%
30	10.499	1298	1304	1310	rBV4	151698	359506	0.76%	0.289%
31	10.640	1318	1328	1340	rVV4	146157	443272	0.93%	0.356%
32	10.740	1340	1345	1355	rVB3	86990	205936	0.43%	0.166%
33	10.857	1359	1365	1368	rBV2	73815	134766	0.28%	0.108%
34	10.904	1368	1373	1376	rVV5	71789	153630	0.32%	0.124%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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	10.951	1376	1381	1384	rVV3	149959	282642	0.59%	0.227%
36	11.004	1384	1390	1393	rVV2	373360	714840	1.50%	0.575%
37	11.057	1393	1399	1406	rVB	3886515	7363572	15.49%	5.921%
38	11.175	1414	1419	1425	rVB	184126	338338	0.71%	0.272%
39	11.263	1425	1434	1439	rBV2	499118	973851	2.05%	0.783%
40	11.328	1439	1445	1454	rVB3	385195	822682	1.73%	0.661%
41	11.469	1462	1469	1477	rVB	322757	600096	1.26%	0.483%
42	11.709	1506	1510	1516	rVB3	123707	191193	0.40%	0.154%
43	11.903	1536	1543	1552	rVB4	146273	369214	0.78%	0.297%
44	12.127	1566	1581	1583	rVV4	56765	174948	0.37%	0.141%
45	12.179	1583	1590	1603	rVB6	171493	482546	1.02%	0.388%
46	12.391	1615	1626	1632	rBV8	126468	369694	0.78%	0.297%
47	12.526	1642	1649	1655	rBV9	57861	134669	0.28%	0.108%
48	12.644	1659	1669	1677	rBV	1255063	2166792	4.56%	1.742%
49	12.738	1680	1685	1692	rVV7	78932	187195	0.39%	0.151%
50	12.808	1692	1697	1701	rVV	311641	530118	1.12%	0.426%
51	12.861	1701	1706	1716	rVB	721711	1268086	2.67%	1.020%
52	13.178	1749	1760	1766	rVB2	104453	222321	0.47%	0.179%
53	13.337	1771	1787	1794	rBV	1990019	3711242	7.81%	2.984%
54	13.443	1800	1805	1814	rVB3	270372	493200	1.04%	0.397%
55	13.537	1814	1821	1828	rBV	442902	783541	1.65%	0.630%
56	13.642	1834	1839	1845	rBV	216783	376600	0.79%	0.303%
57	13.713	1845	1851	1856	rBV5	125659	236426	0.50%	0.190%
58	13.848	1864	1874	1881	rBV7	682281	1625471	3.42%	1.307%
59	13.977	1887	1896	1902	rBV4	176439	491350	1.03%	0.395%
60	14.124	1914	1921	1926	rBV2	248764	499970	1.05%	0.402%
61	14.177	1926	1930	1933	rVV2	176827	298057	0.63%	0.240%
62	14.218	1933	1937	1944	rVB2	209671	385569	0.81%	0.310%
63	14.365	1955	1962	1965	rBV3	104401	179468	0.38%	0.144%
64	14.506	1977	1986	1997	rVB3	249759	635744	1.34%	0.511%
65	14.682	2003	2016	2021	rBV	338383	725629	1.53%	0.583%
66	14.806	2026	2037	2042	rBV	739746	1268453	2.67%	1.020%
67	14.870	2042	2048	2058	rVV4	1189167	2242539	4.72%	1.803%
68	14.959	2058	2063	2066	rVV2	163195	268319	0.56%	0.216%
69	15.011	2066	2072	2080	rVB2	448224	835841	1.76%	0.672%
70	15.147	2080	2095	2100	rBV4	959762	3521162	7.41%	2.831%
71	15.199	2100	2104	2111	rVB3	1138407	2197953	4.62%	1.767%

LSC Area Percent Report

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Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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	15.370	2119	2133	2138	rBV5	403396	1279281	2.69%	1.029%
73	15.434	2138	2144	2149	rVV3	351585	810914	1.71%	0.652%
74	15.499	2149	2155	2168	rVB5	241595	793196	1.67%	0.638%
75	15.799	2201	2206	2210	rVV	249324	338053	0.71%	0.272%
76	15.857	2210	2216	2224	rVV3	1368019	2300823	4.84%	1.850%
77	15.957	2224	2233	2255	rBV	24900004	47524590	100.00%	38.213%
78	16.151	2263	2266	2278	rVB	84041	237612	0.50%	0.191%
79	16.551	2327	2334	2344	rVB3	286017	609236	1.28%	0.490%
80	16.739	2361	2366	2374	rVB8	55631	137623	0.29%	0.111%
81	16.915	2390	2396	2408	rVB8	61690	212901	0.45%	0.171%
82	17.215	2433	2447	2454	rBV3	1589221	3169950	6.67%	2.549%
83	17.279	2454	2458	2465	rVV	224387	375822	0.79%	0.302%
84	17.555	2498	2505	2509	rBV	840902	1409224	2.97%	1.133%
85	17.597	2509	2512	2517	rVB	665305	930828	1.96%	0.748%
86	17.655	2517	2522	2526	rBV2	273890	426096	0.90%	0.343%
87	17.967	2569	2575	2583	rVB	957247	1501856	3.16%	1.208%
88	18.478	2657	2662	2667	rVB	105880	166228	0.35%	0.134%
89	18.625	2679	2687	2699	rVB	47172	154662	0.33%	0.124%
90	18.983	2741	2748	2755	rBV2	104686	177564	0.37%	0.143%
91	19.600	2844	2853	2859	rBV	75166	148286	0.31%	0.119%
92	19.724	2870	2874	2881	rVB	85577	124810	0.26%	0.100%
93	19.935	2904	2910	2921	rBV2	393280	703941	1.48%	0.566%
94	20.411	2987	2991	2996	rBV	144765	252018	0.53%	0.203%
95	21.845	3229	3235	3243	rVB	960085	1662047	3.50%	1.336%
96	21.980	3253	3258	3265	rVB4	94125	172831	0.36%	0.139%
97	25.000	3764	3772	3783	rBV2	187112	562425	1.18%	0.452%
98	25.105	3784	3790	3797	rVB8	43266	123989	0.26%	0.100%
99	25.241	3801	3813	3827	rBV2	515299	1612244	3.39%	1.296%
100	26.269	3981	3988	3996	rVB2	43747	116720	0.25%	0.094%

Sum of corrected areas: 124368484

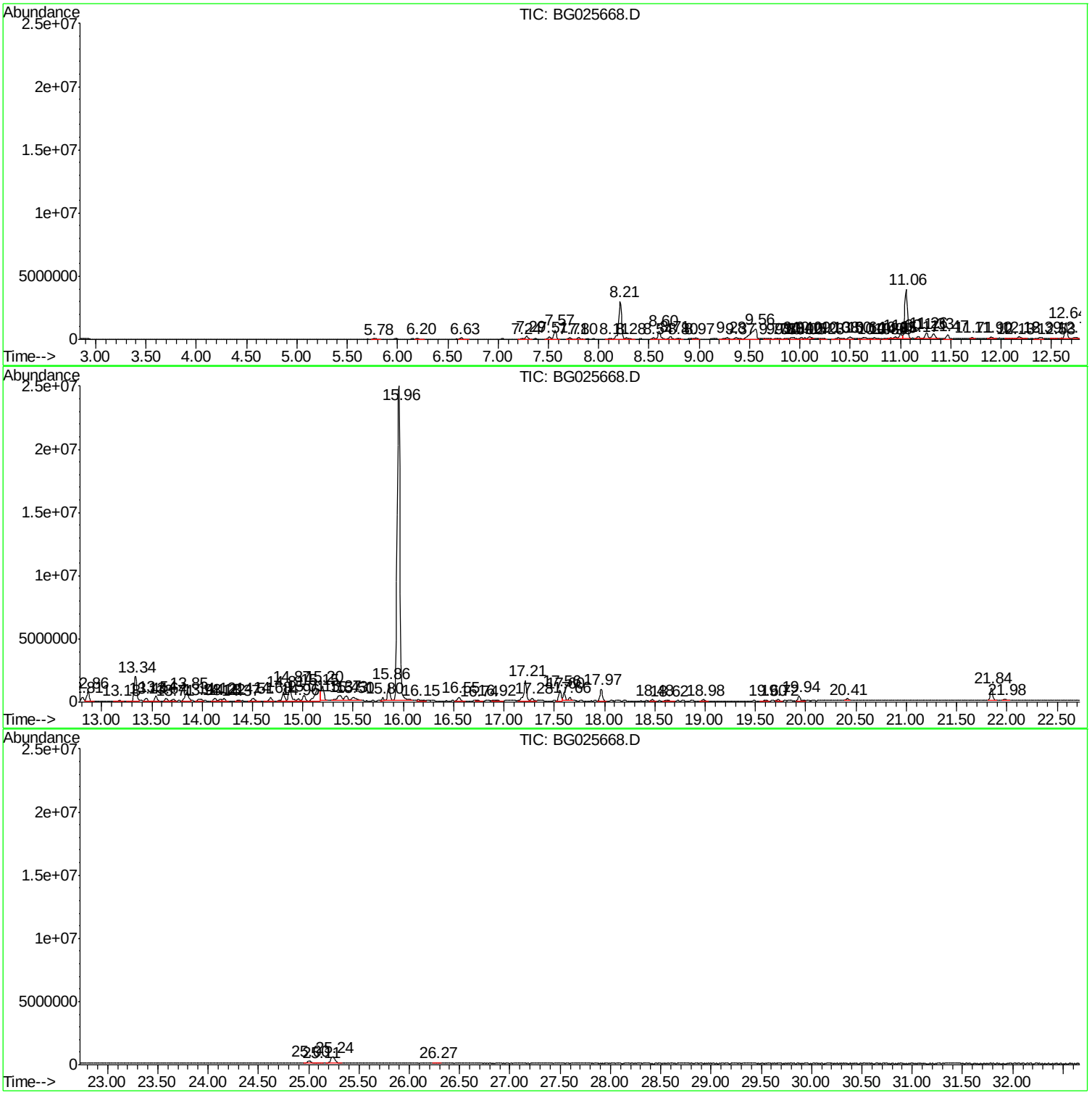
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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

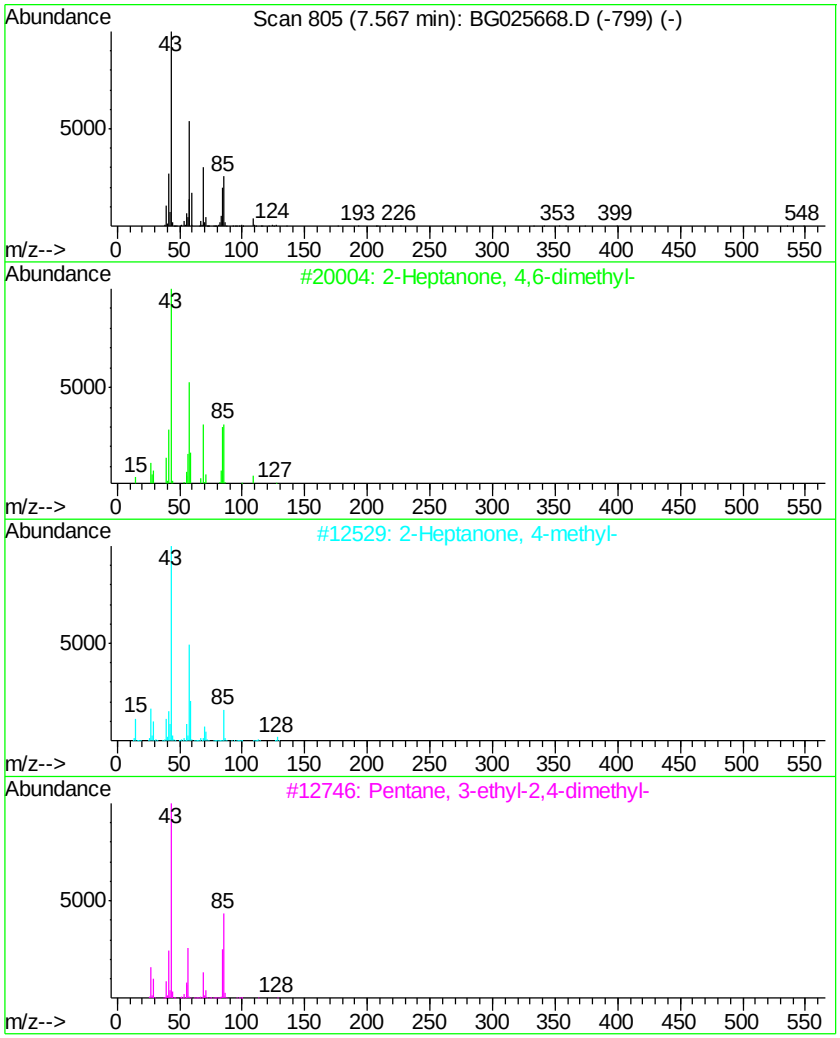
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

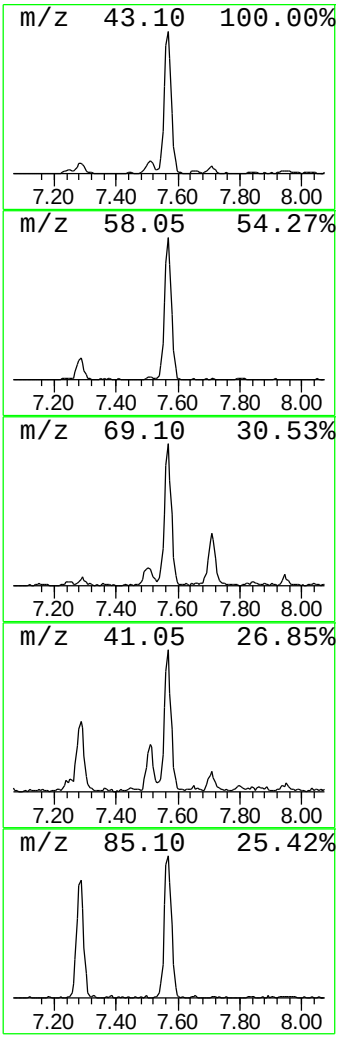
****

Peak Number 1 2-Heptanone, 4,6-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	4.13 ng/ul	1164920	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	40
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38
4	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	38
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

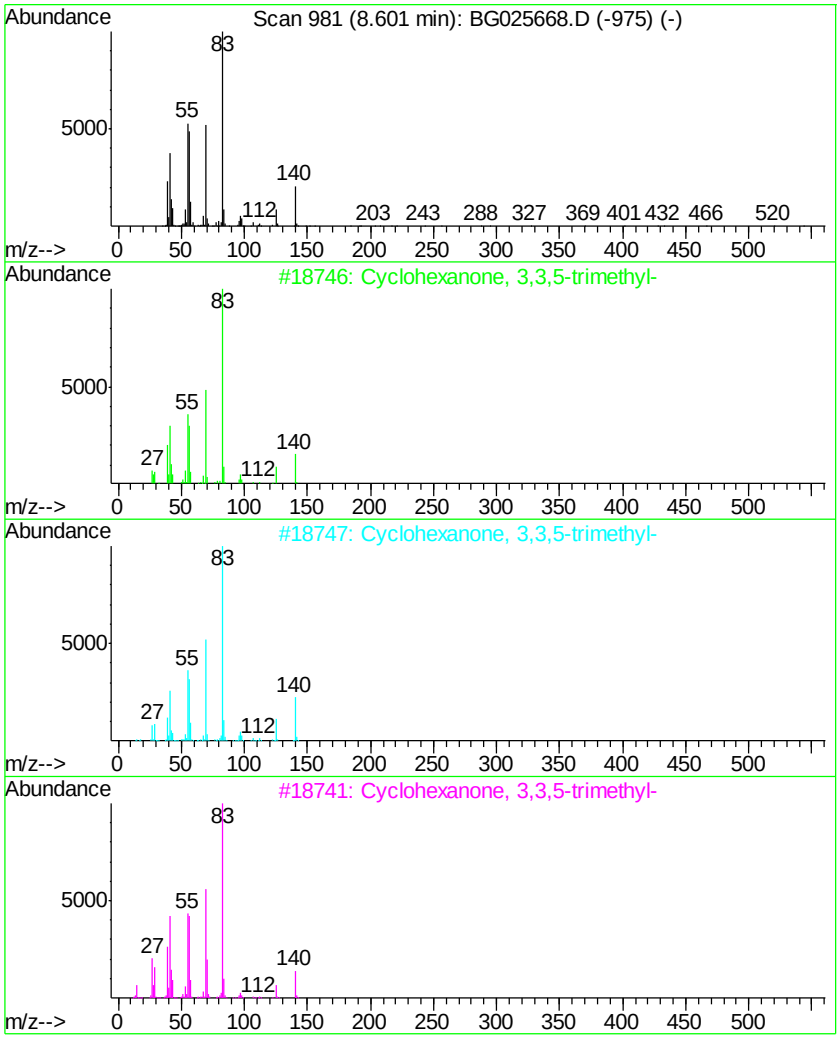
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

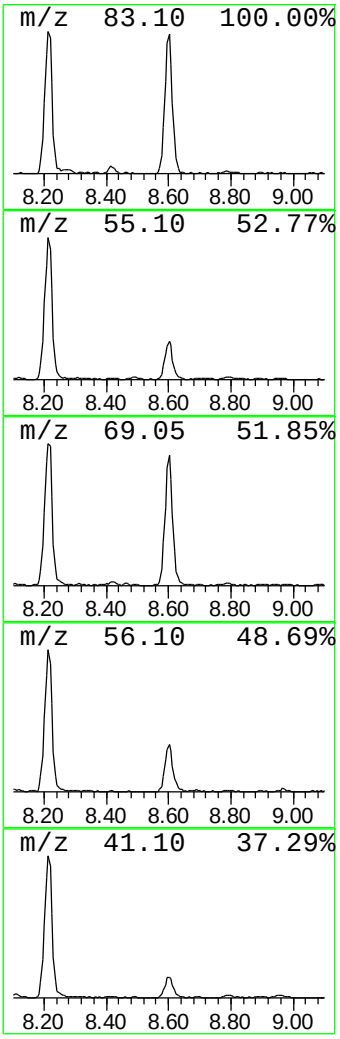
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexanone, 3,3,5-trimet... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	4.34 ng/ul	1224800	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	64
4	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	56
5	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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

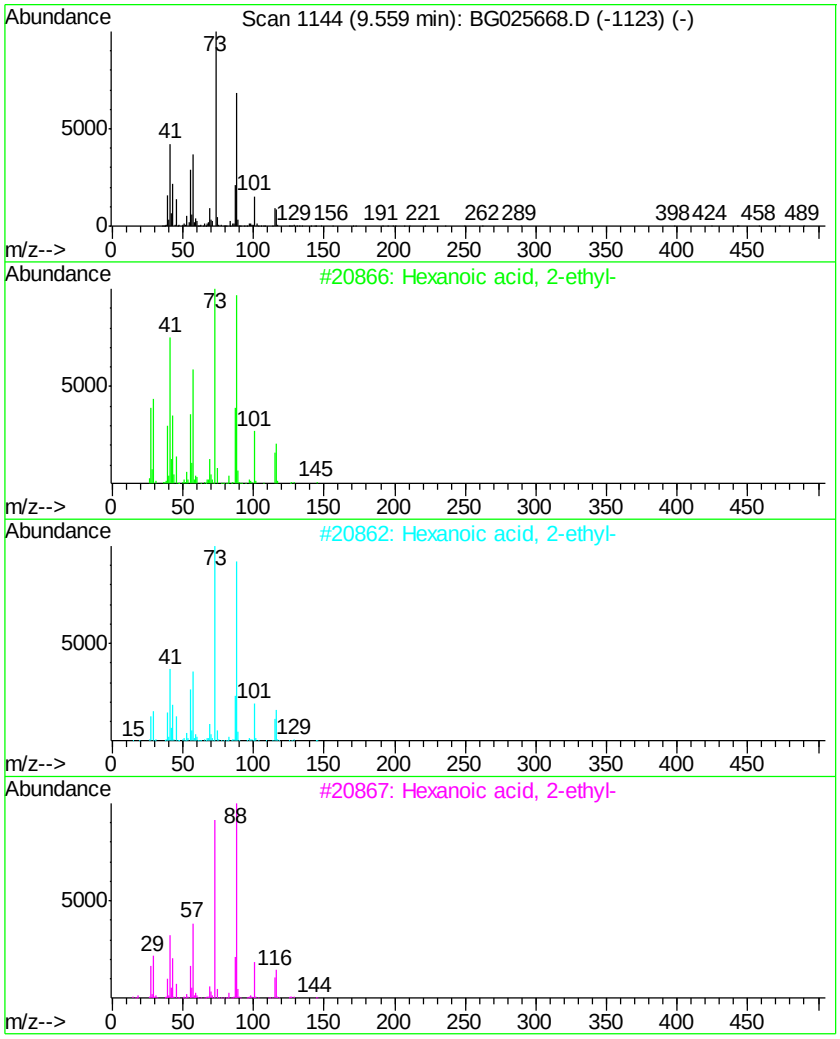
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

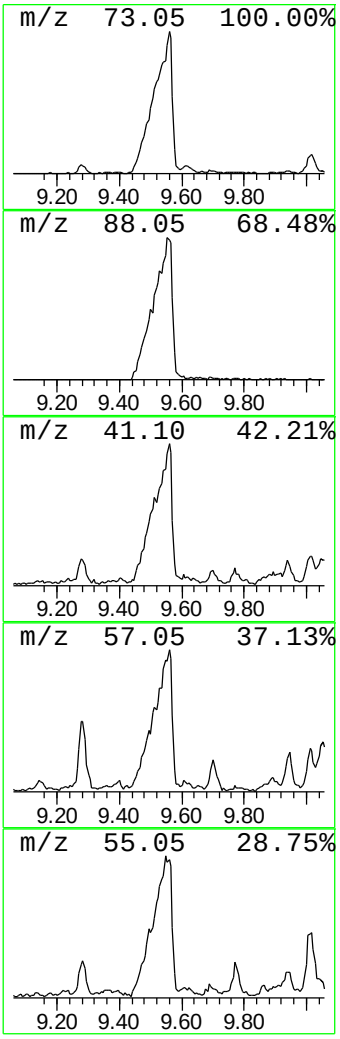
****

Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	11.74 ng/ul	3308600	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	52
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
5	L(-)-Fucose, tetramethyl ether	220	C10H20O5	1000332-75-0	37





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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

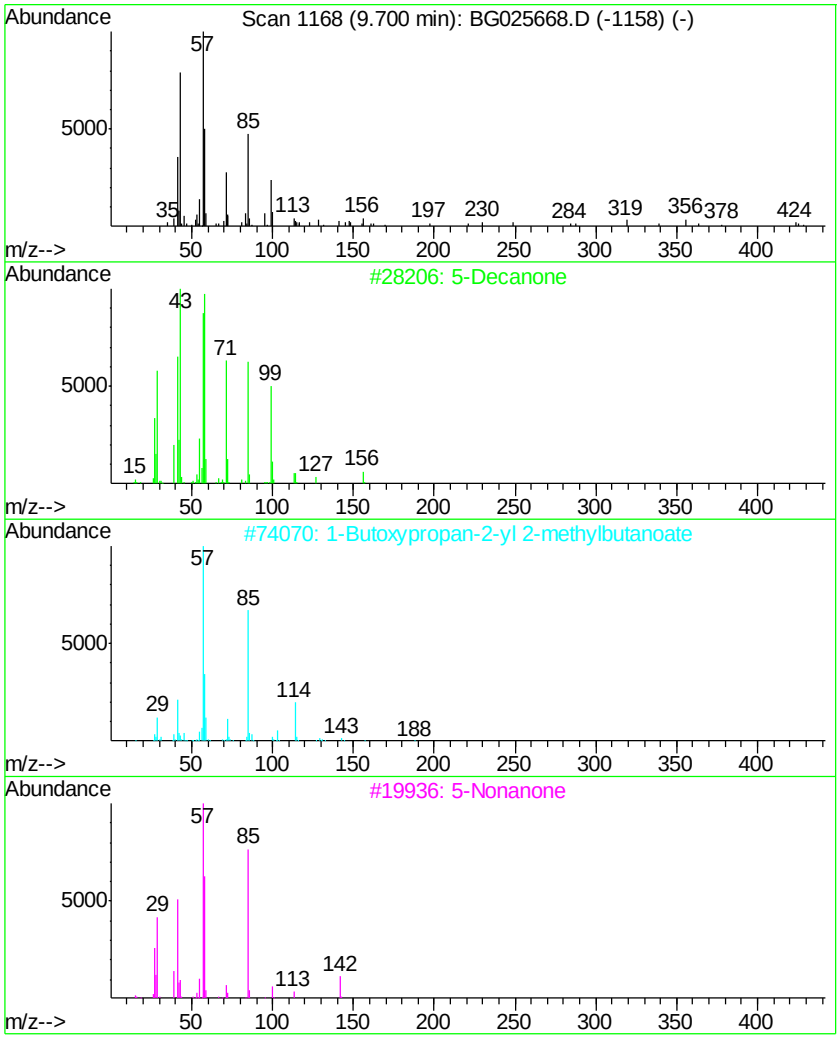
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

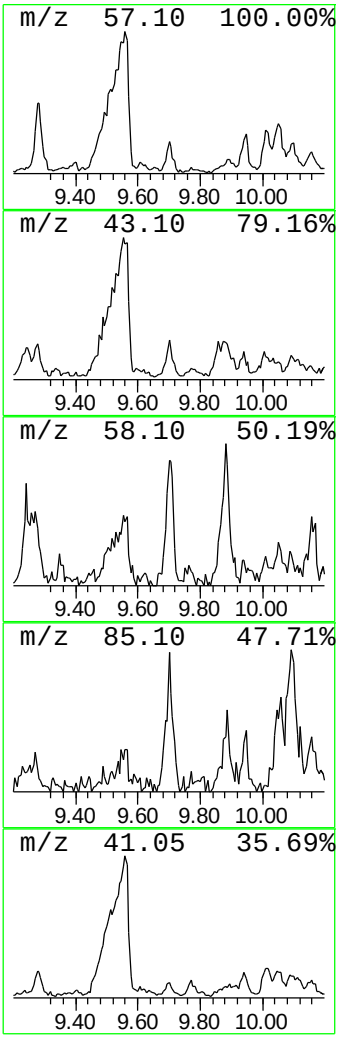
****

Peak Number 4 5-Decanone Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	4.64 ng/ul	165696	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Decanone	156	C10H20O	000820-29-1	58
2	1-Butoxypropan-2-yl 2-methylbuta...	216	C12H24O3	1000367-09-4	53
3	5-Nonanone	142	C9H18O	000502-56-7	47
4	5-Nonanone	142	C9H18O	000502-56-7	47
5	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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

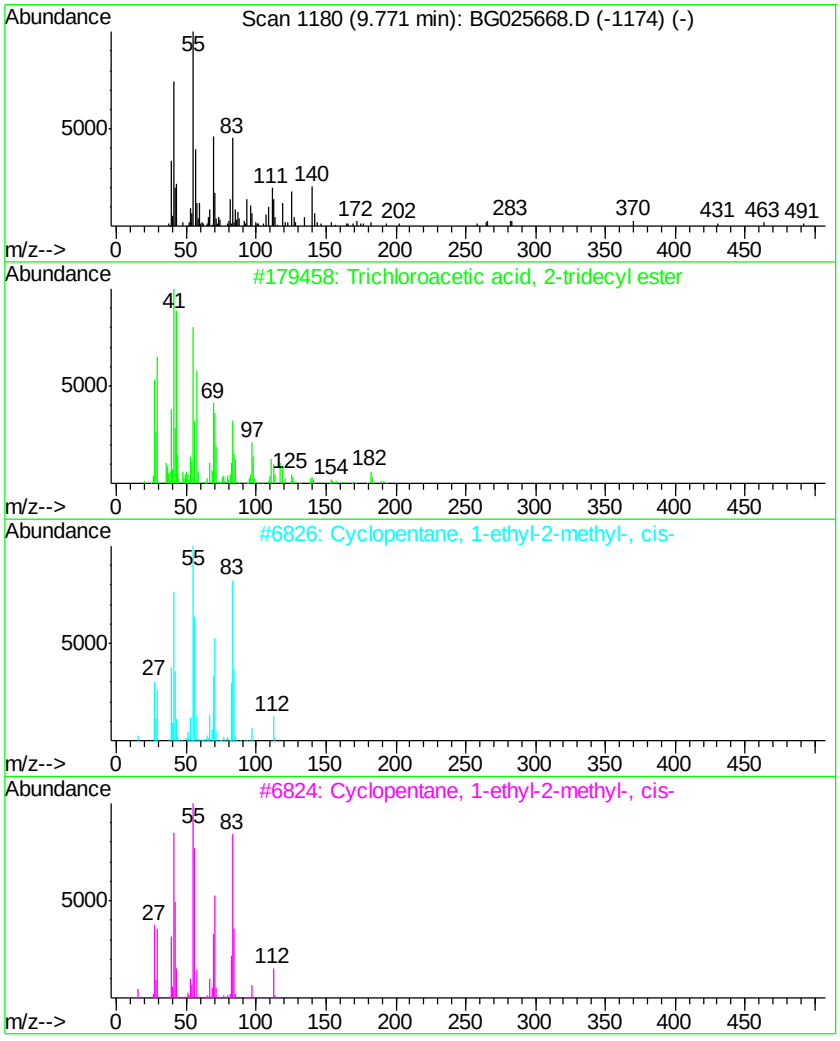
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

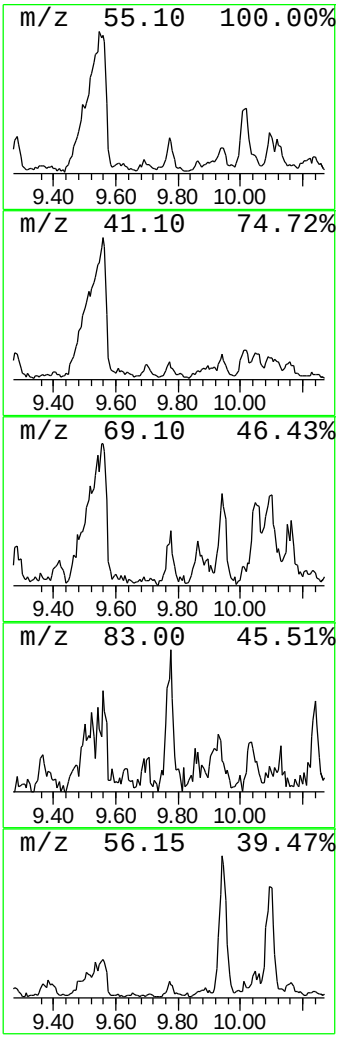
****

Peak Number 5 Trichloroacetic acid, 2-tri... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	5.16 ng/ul	184264	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, 2-tridecyl...	344	C15H27Cl3O2	1000282-06-3	53
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	46
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	43
4	3-Nonene, 3-methyl-, (E)-	140	C10H20	069405-42-1	43
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	38





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Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

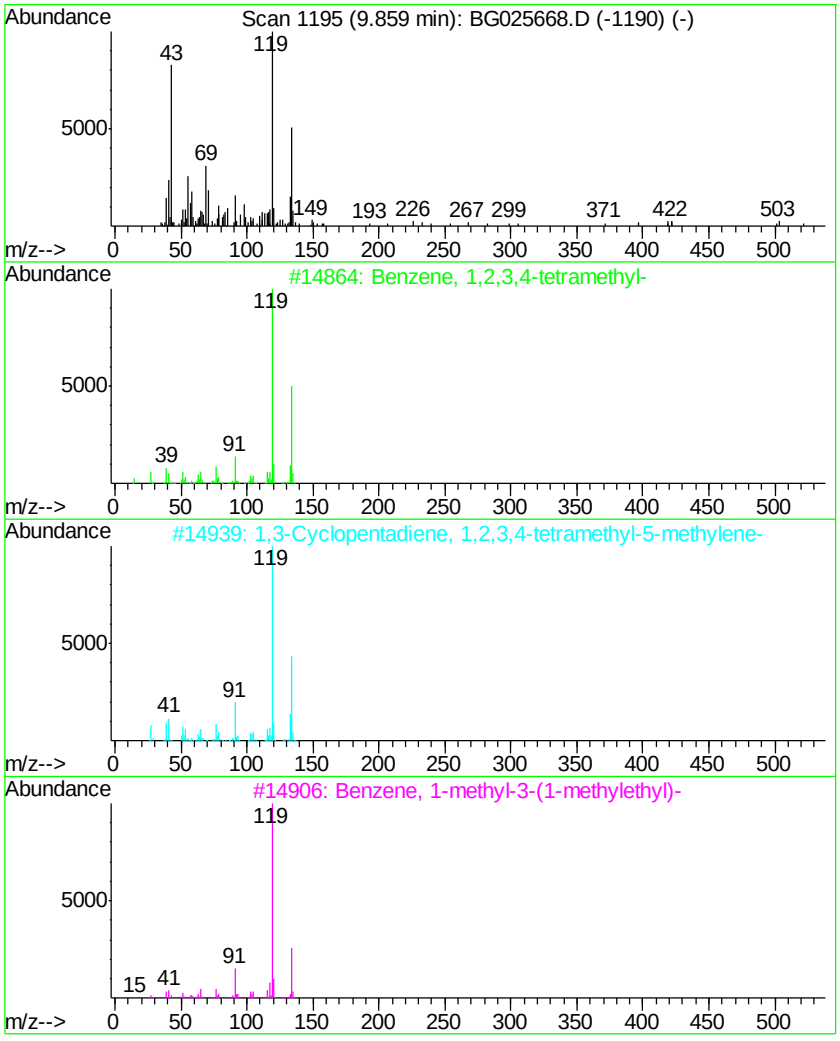
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

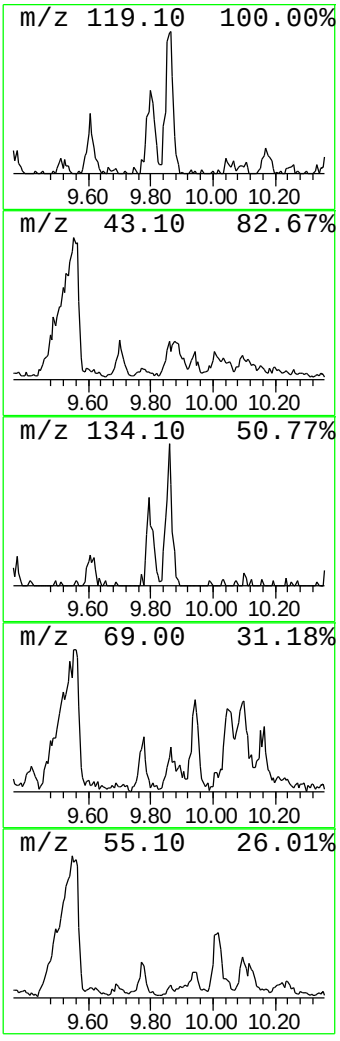
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	3.76 ng/ul	134323	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





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Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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

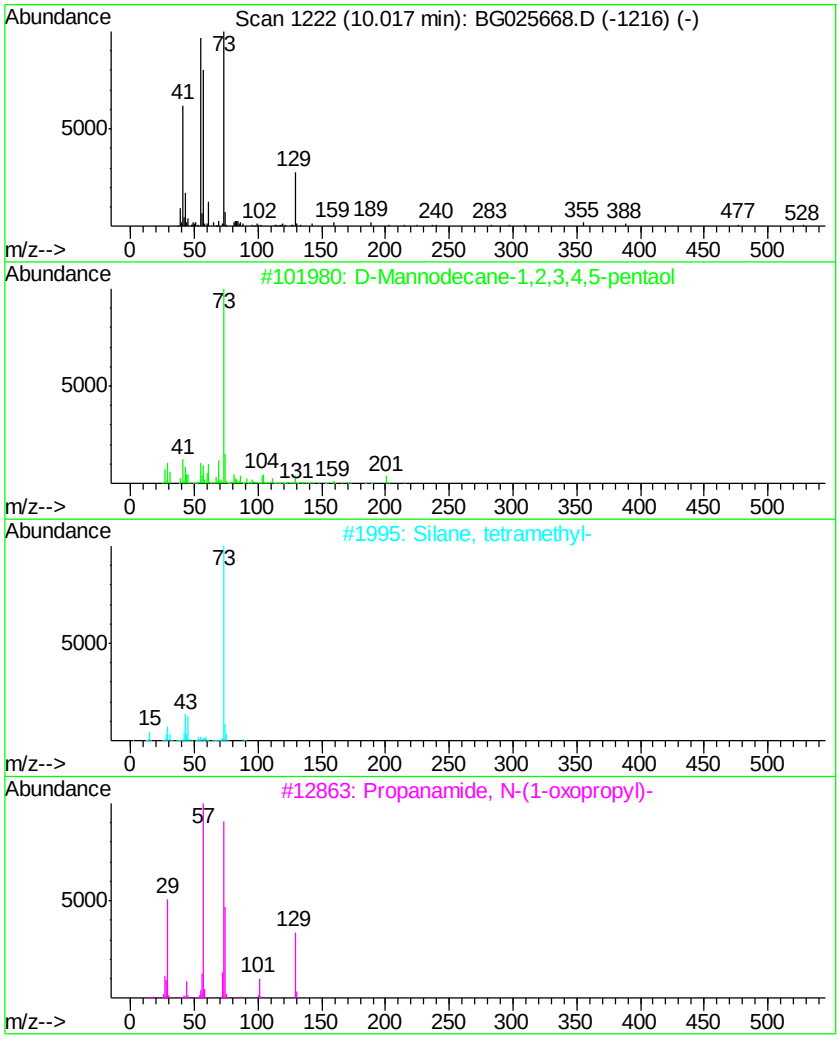
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

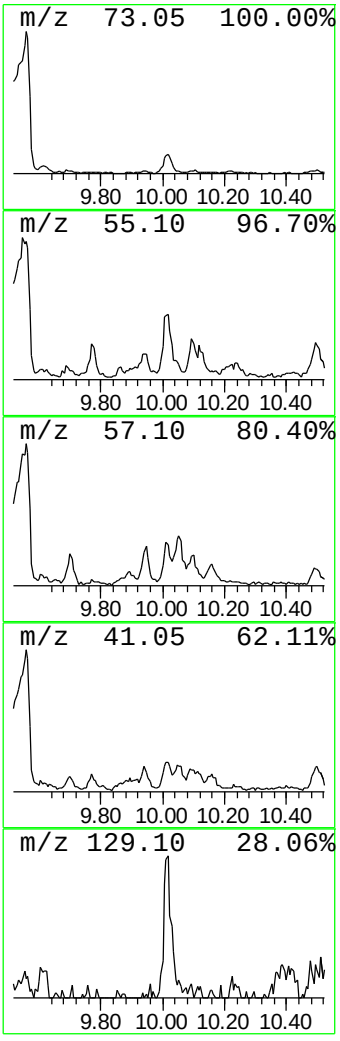
****

Peak Number 7 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	4.99 ng/ul	178189	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Mannodecane-1,2,3,4,5-pentaol	250	C12H26O5	188436-15-9	12
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Propanamide, N-(1-oxopropyl)-	129	C6H11NO2	006050-26-6	9
4	1-Propene, 2-methyl-3-(1-methyle...	114	C7H14O	044744-50-5	9
5	Butanoic acid, 3,3-dimethyl-, me...	130	C7H14O2	010250-48-3	9





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Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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Quant Title : SVOA CALIBRATION

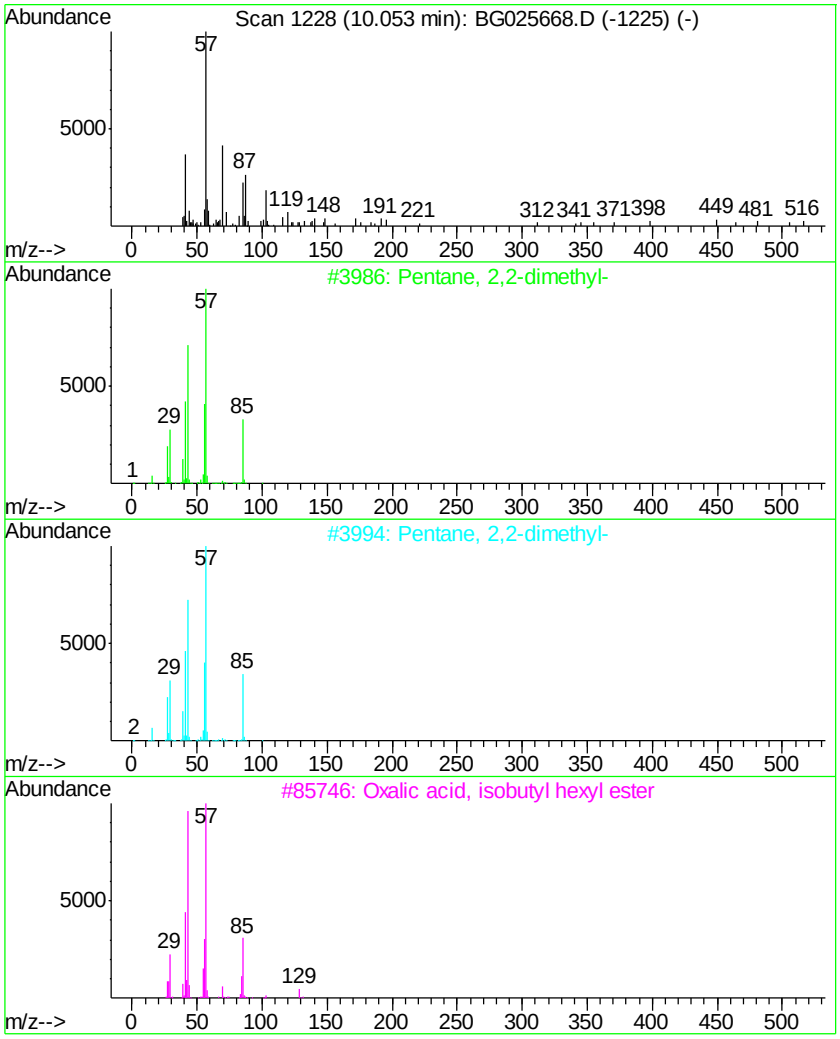
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

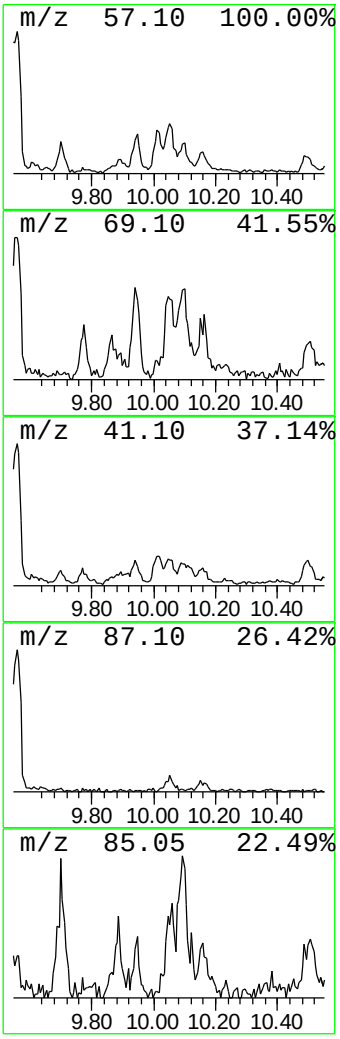
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	3.94 ng/ul	140777	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	32
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	32
3	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	32
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	23
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	23





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Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

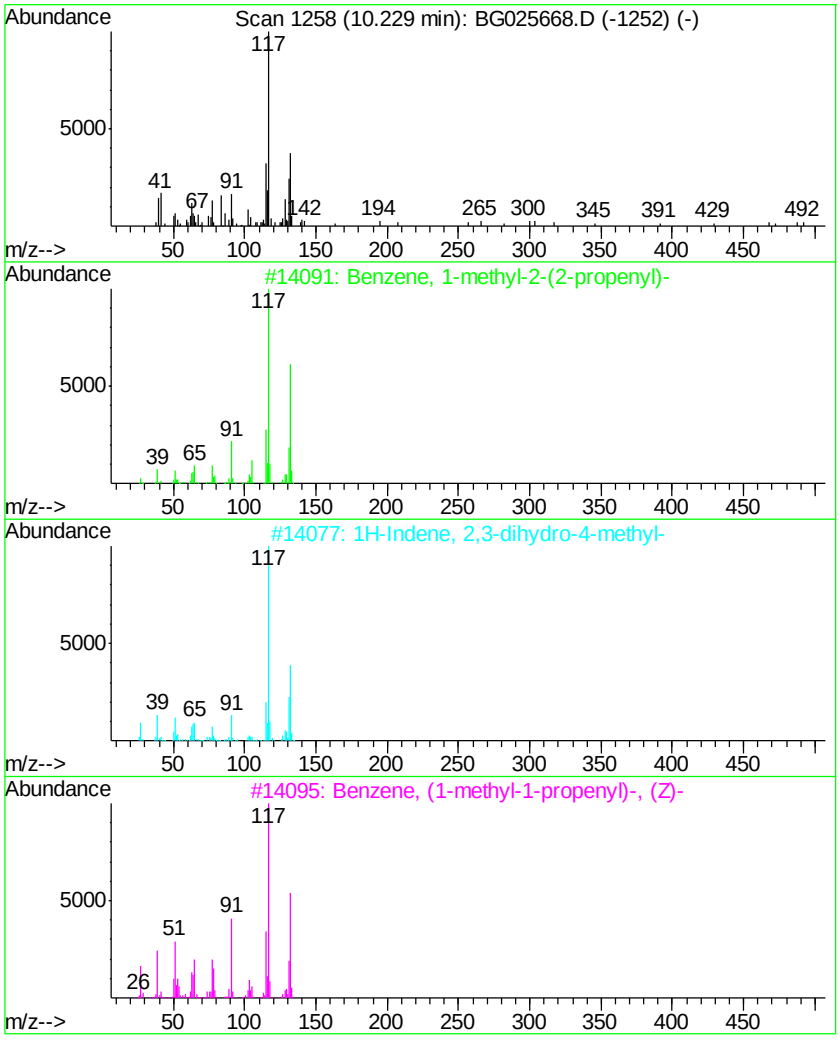
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

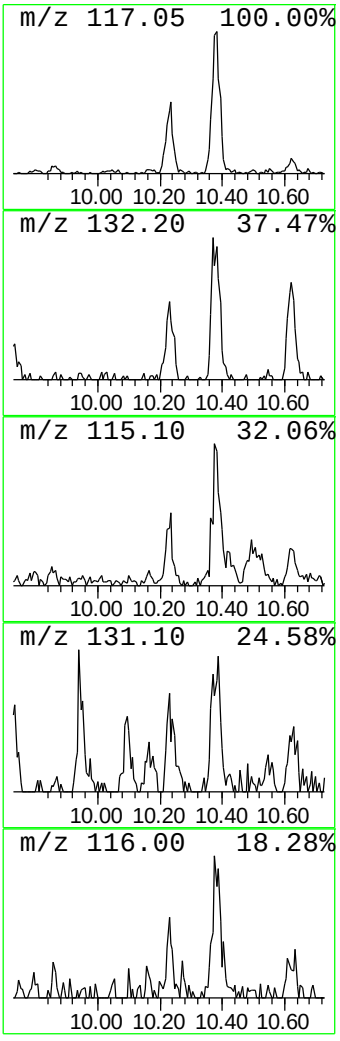
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-2-(2-prop... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	3.29 ng/ul	117727	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	80
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	80
4	Indan, 1-methyl-	132	C10H12	000767-58-8	80
5	Indan, 1-methyl-	132	C10H12	000767-58-8	80





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Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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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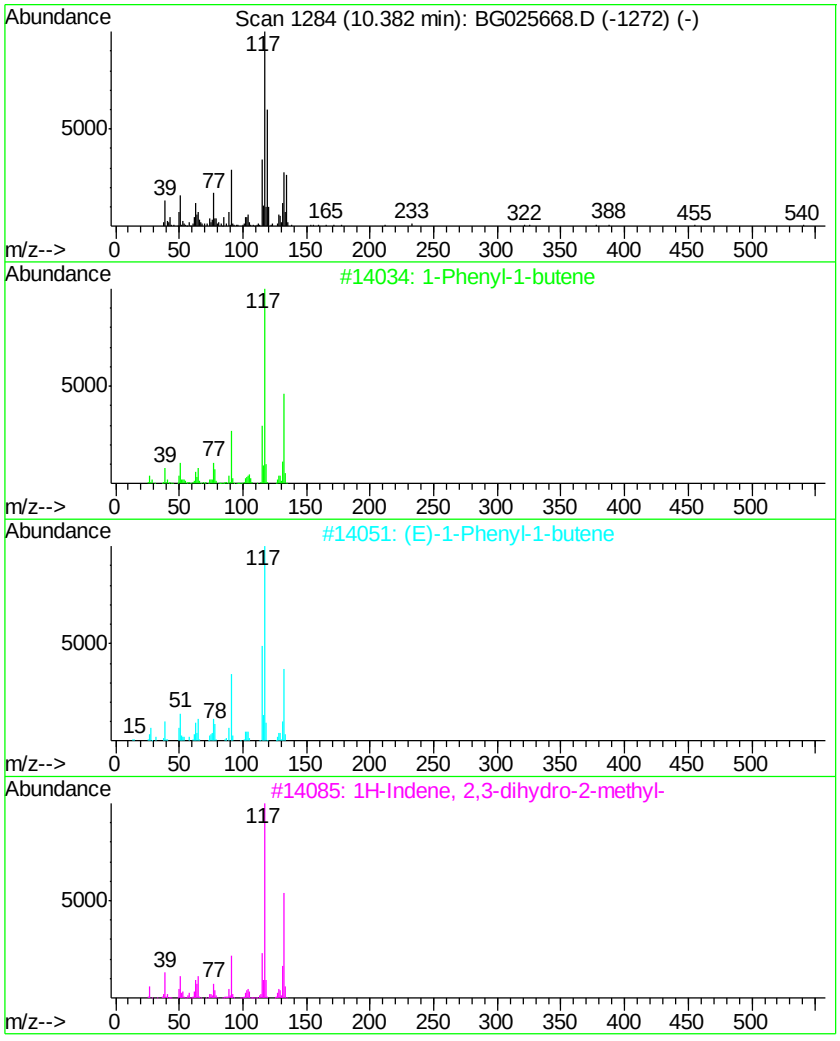
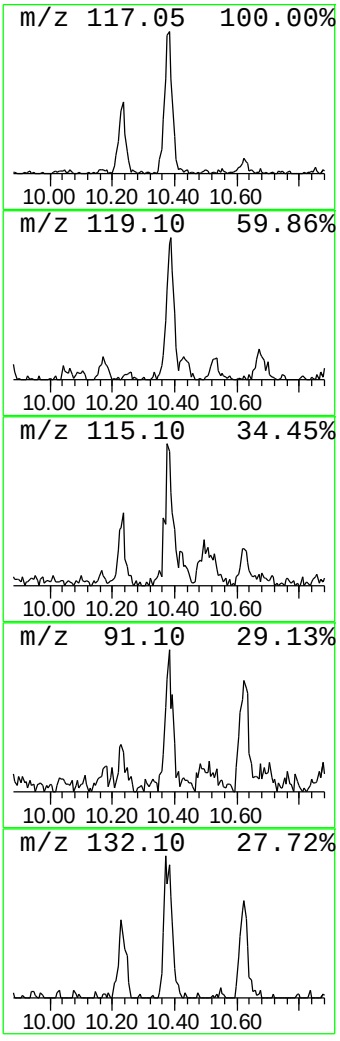
Peak Number 10 1-Phenyl-1-butene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	8.46 ng/ul	302495	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	83
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	64
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64





Library Search Compound Report

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Data File : BG025668.D
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Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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Quant Title : SVOA CALIBRATION

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

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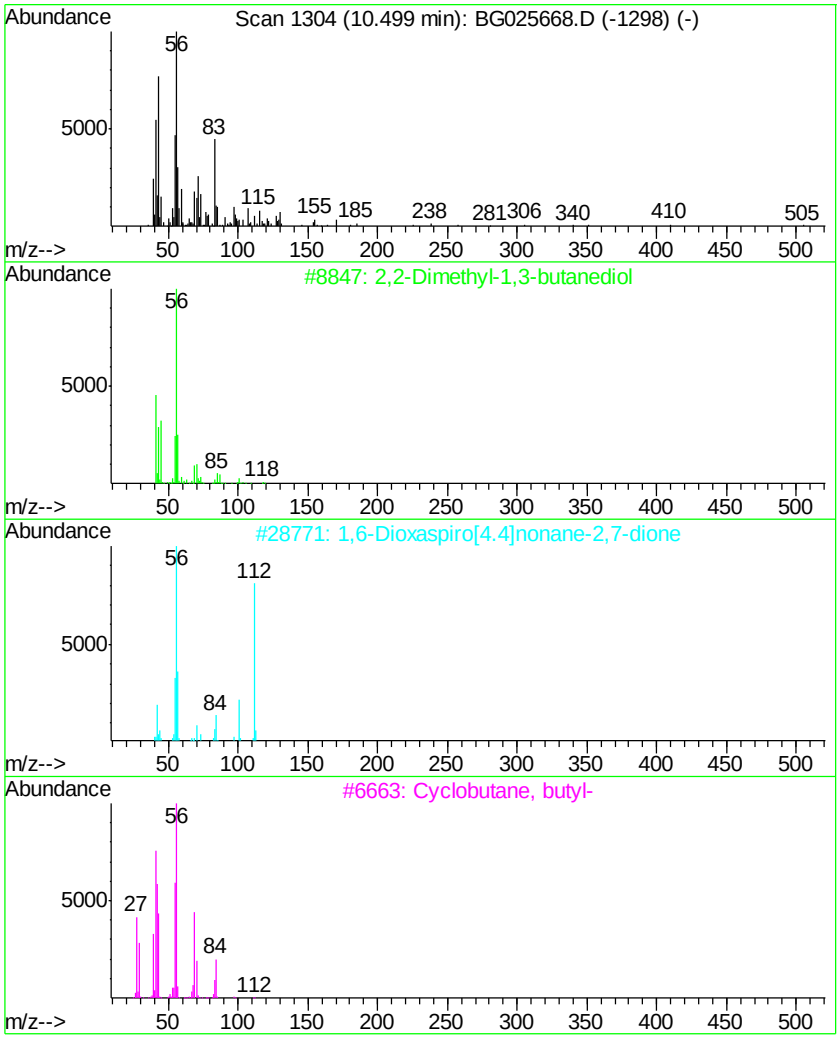
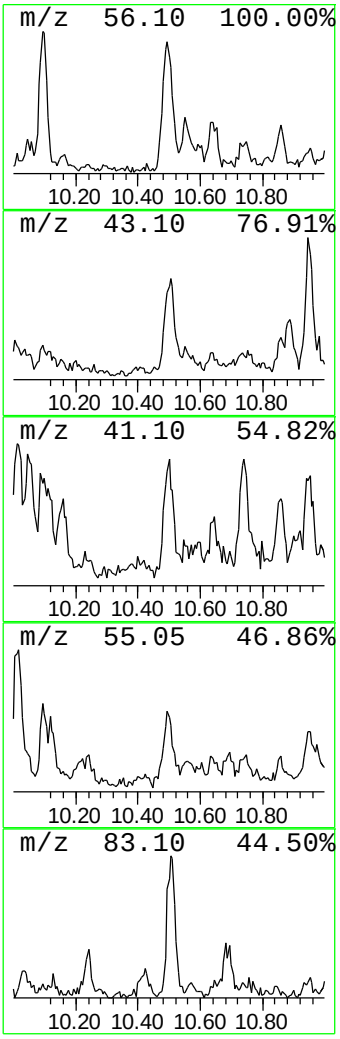
Peak Number 11 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	10.06 ng/ul	359506	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	38
2	1,6-Dioxaspiro[4.4]nonane-2,7-dione	156	C7H8O4	003505-67-7	38
3	Cyclobutane, butyl-	112	C8H16	013152-44-8	35
4	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	35
5	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	27





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Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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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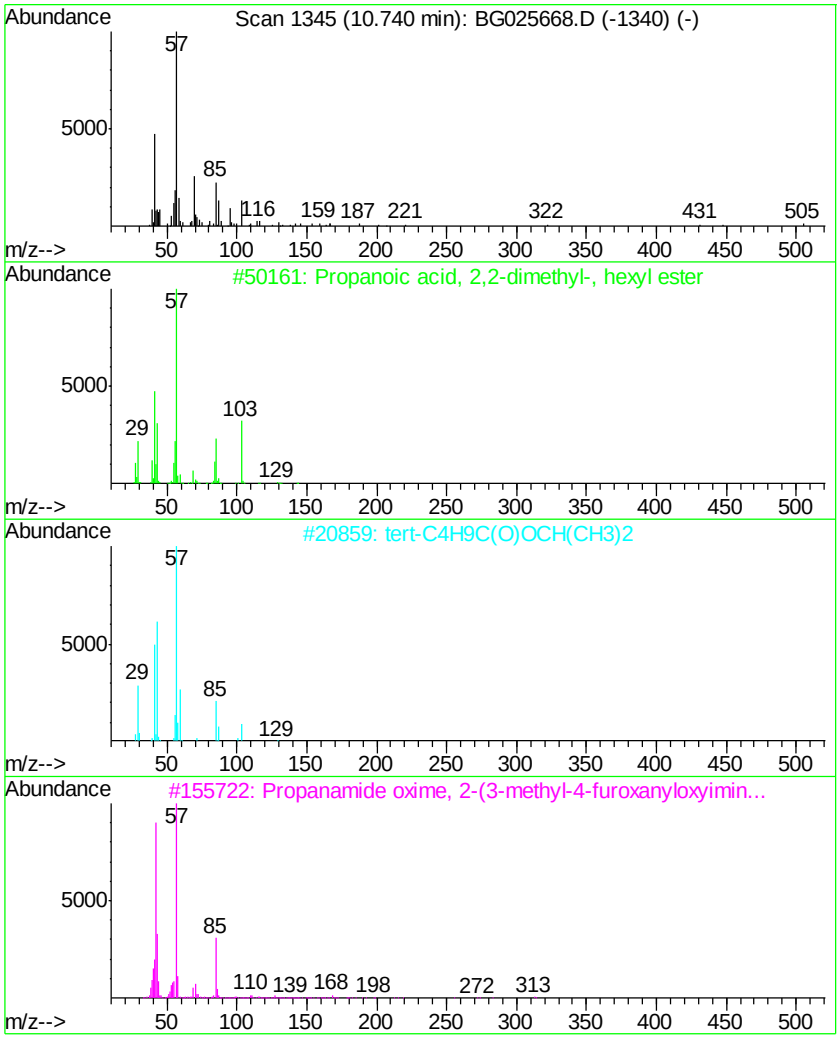
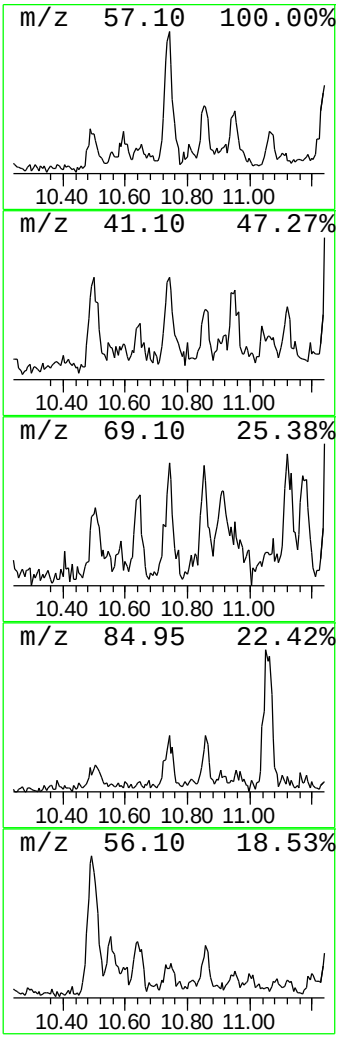
Peak Number 12 unknown-03 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	5.76 ng/ul	205936	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dimethyl-, h...	186	C11H22O2	005434-57-1	47
2	tert-C4H9C(O)OCH(CH3)2	144	C8H16O2	005129-36-2	45
3	Propanamide oxime, 2-(3-methyl-4...	313	C9H11N7O6	1000260-48-1	37
4	Isobutyl isovalerate	158	C9H18O2	000589-59-3	23
5	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	23





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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Quant Title : SVOA CALIBRATION

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

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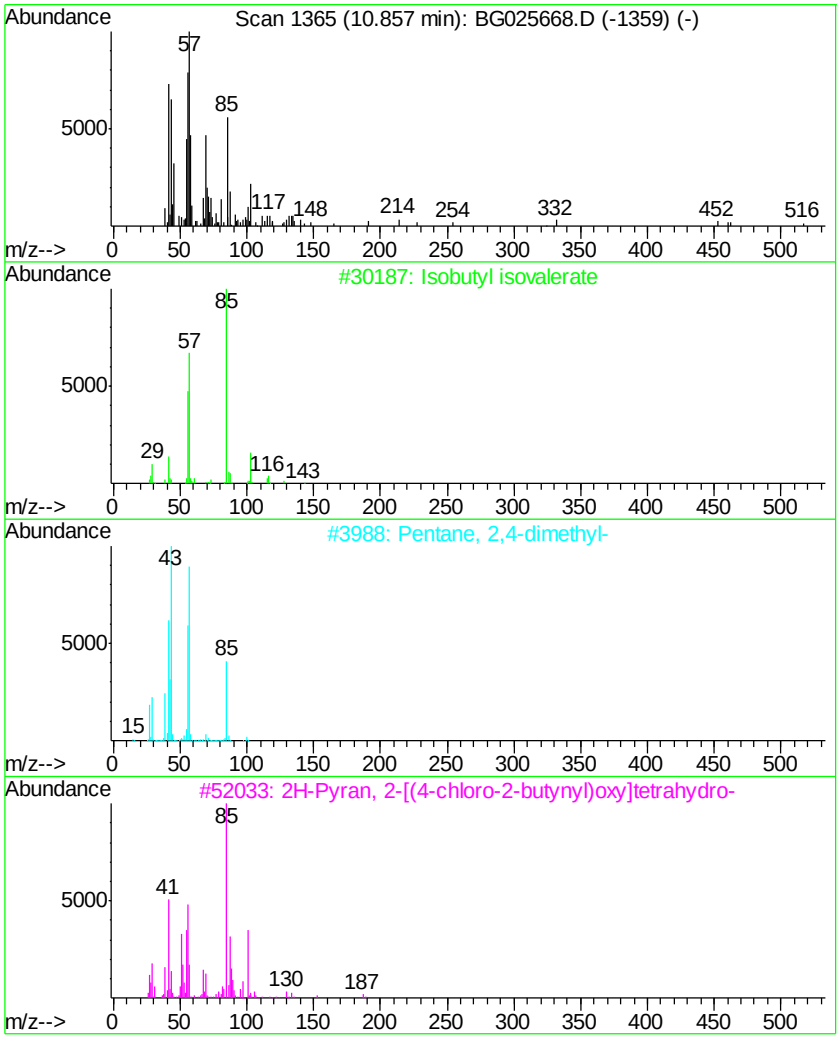
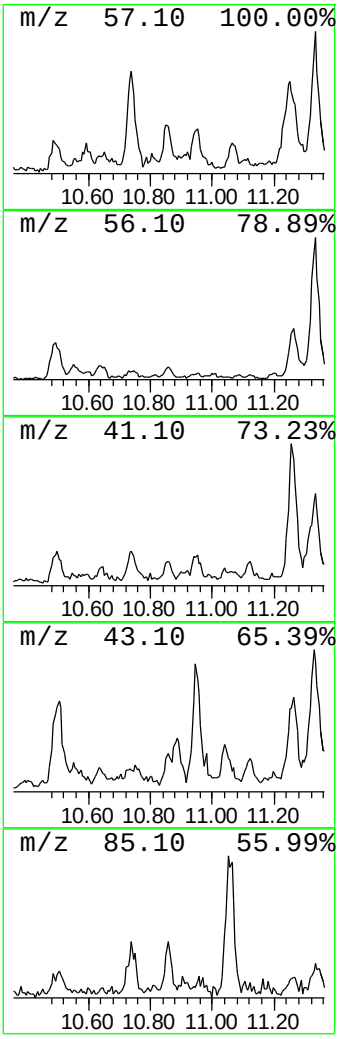
Peak Number 13 Isobutyl isovalerate Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	3.77 ng/ul	134766	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl isovalerate	158	C9H18O2	000589-59-3	53
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	47
3	2H-Pyran, 2-[(4-chloro-2-butynyl...	188	C9H13ClO2	067727-01-9	47
4	Furan, tetrahydro-2,5-dimethyl-	100	C6H12O	001003-38-9	46
5	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	43





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Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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

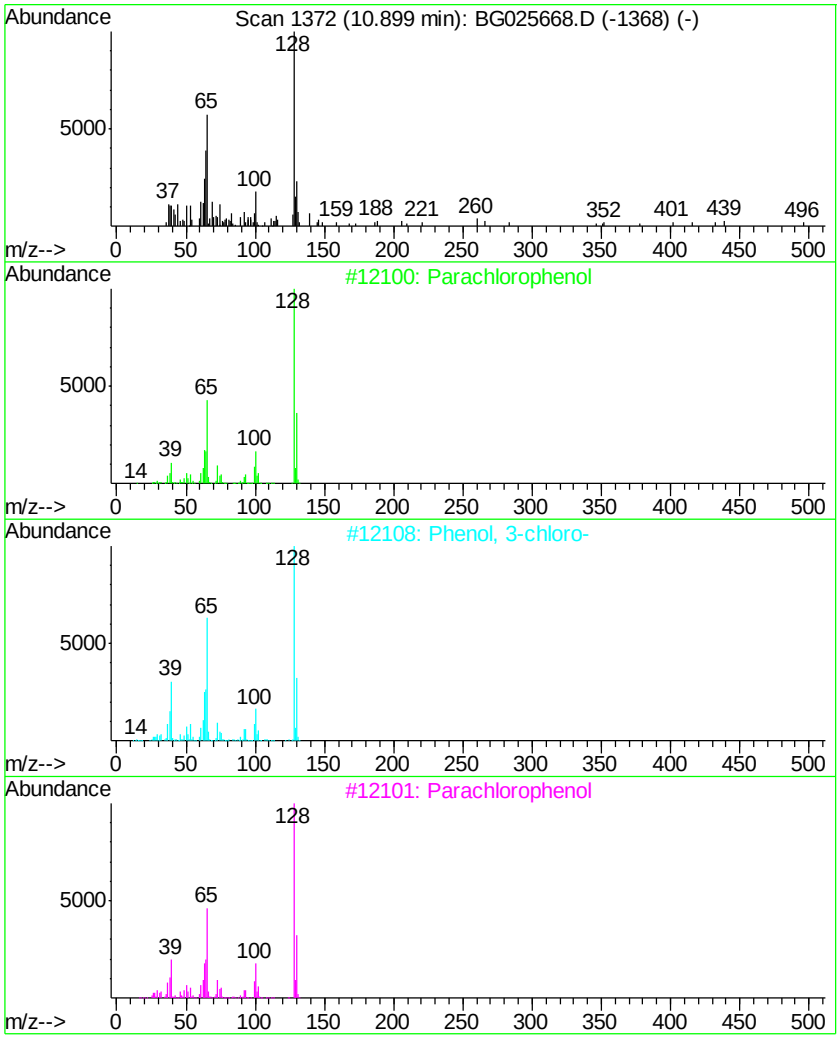
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

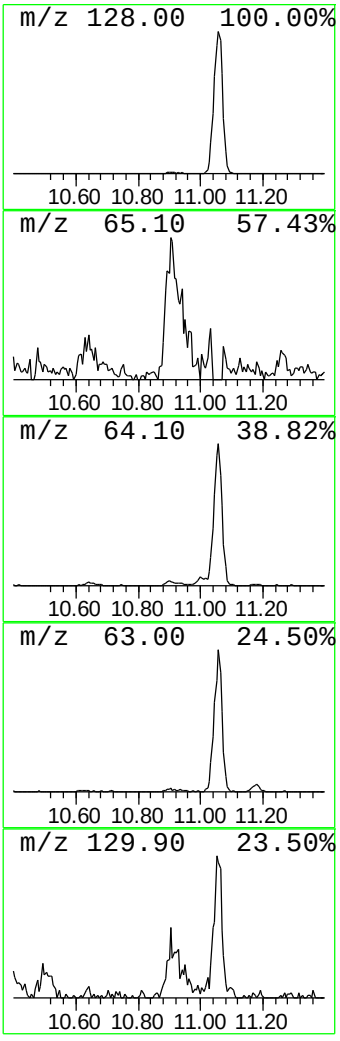
****

Peak Number 14 Parachlorophenol Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	4.30 ng/ul	153630	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Parachlorophenol	128	C6H5ClO	000106-48-9	93
2	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	90
3	Parachlorophenol	128	C6H5ClO	000106-48-9	90
4	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	87
5	Parachlorophenol	128	C6H5ClO	000106-48-9	87





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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Quant Title : SVOA CALIBRATION

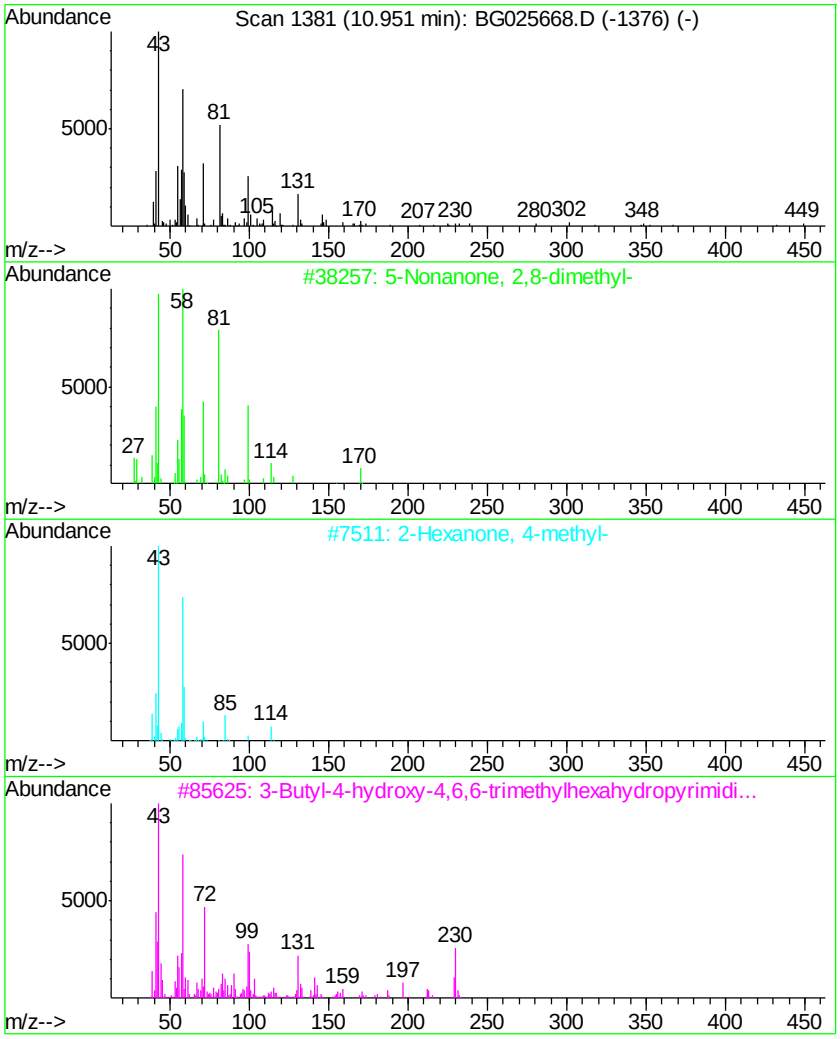
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

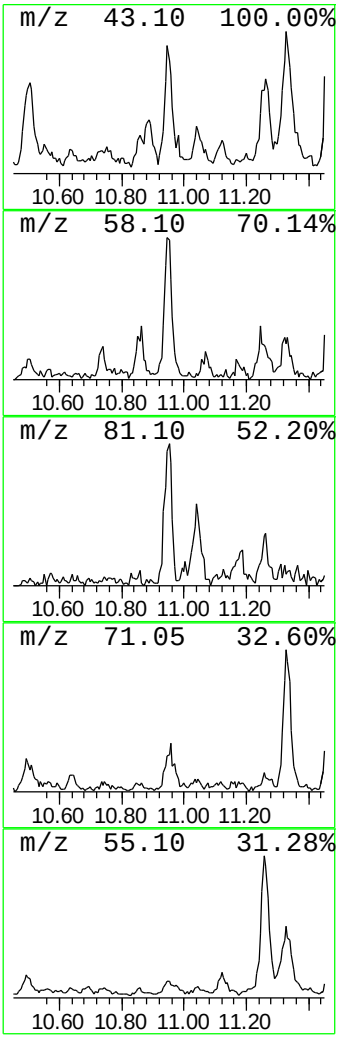
****

Peak Number 15 5-Nonanone, 2,8-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	7.91 ng/ul	282642	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	50
2	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	49
3	3-Butyl-4-hydroxy-4,6,6-trimethy...	230	C11H22N2OS	088070-30-8	47
4	Piperazine, 2,5-dimethyl-	114	C6H14N2	000106-55-8	46
5	4-Acetamido-1-hexanol	159	C8H17NO2	1000213-28-5	38





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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Quant Title : SVOA CALIBRATION

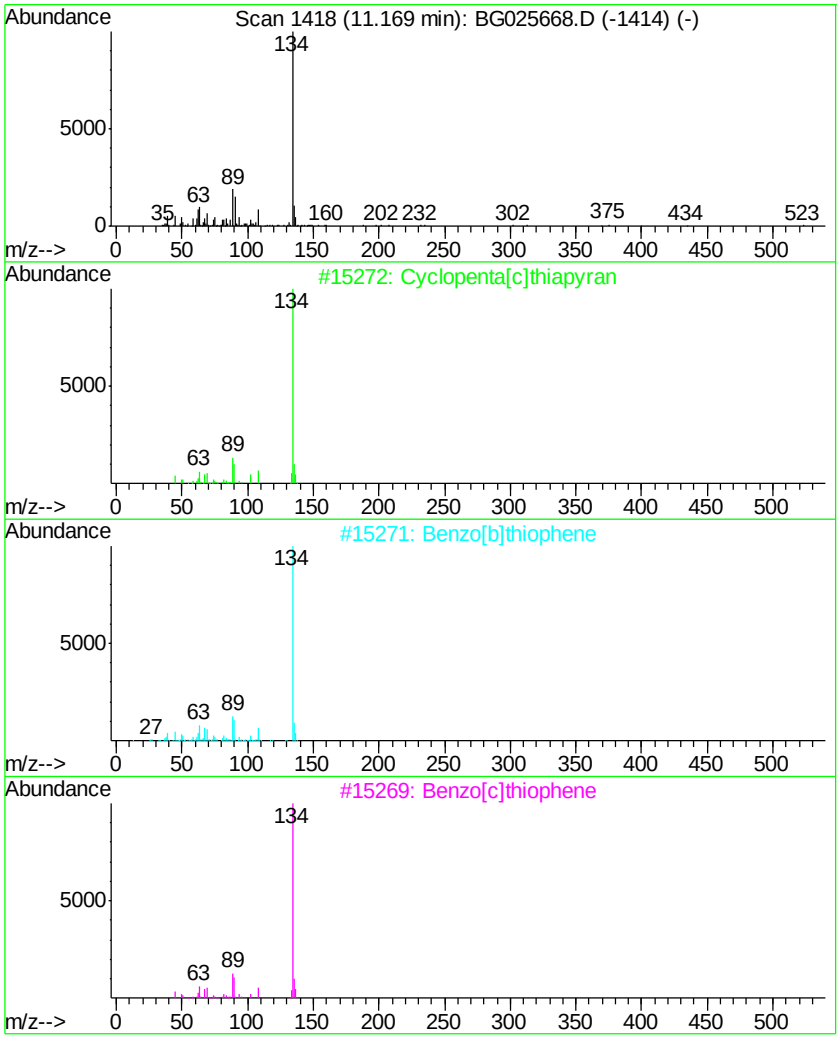
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

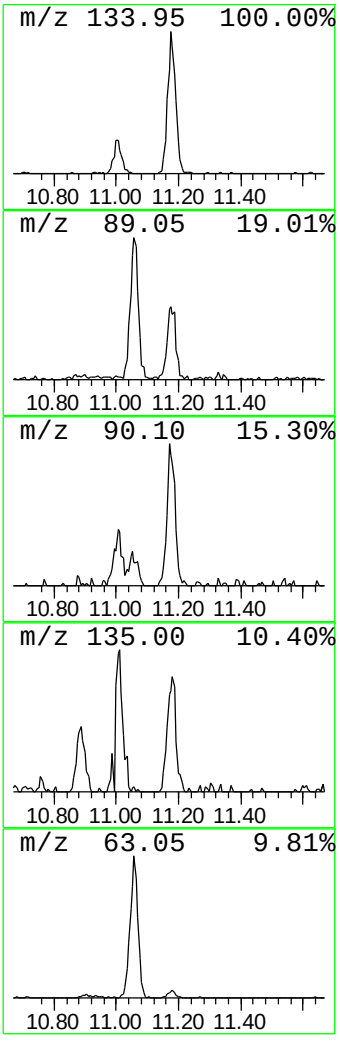
****

Peak Number 16 Cyclopenta[c]thiapyran Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	9.47 ng/ul	338338	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
3	Benzo[c]thiophene	134	C8H6S	000270-82-6	91
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	87





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Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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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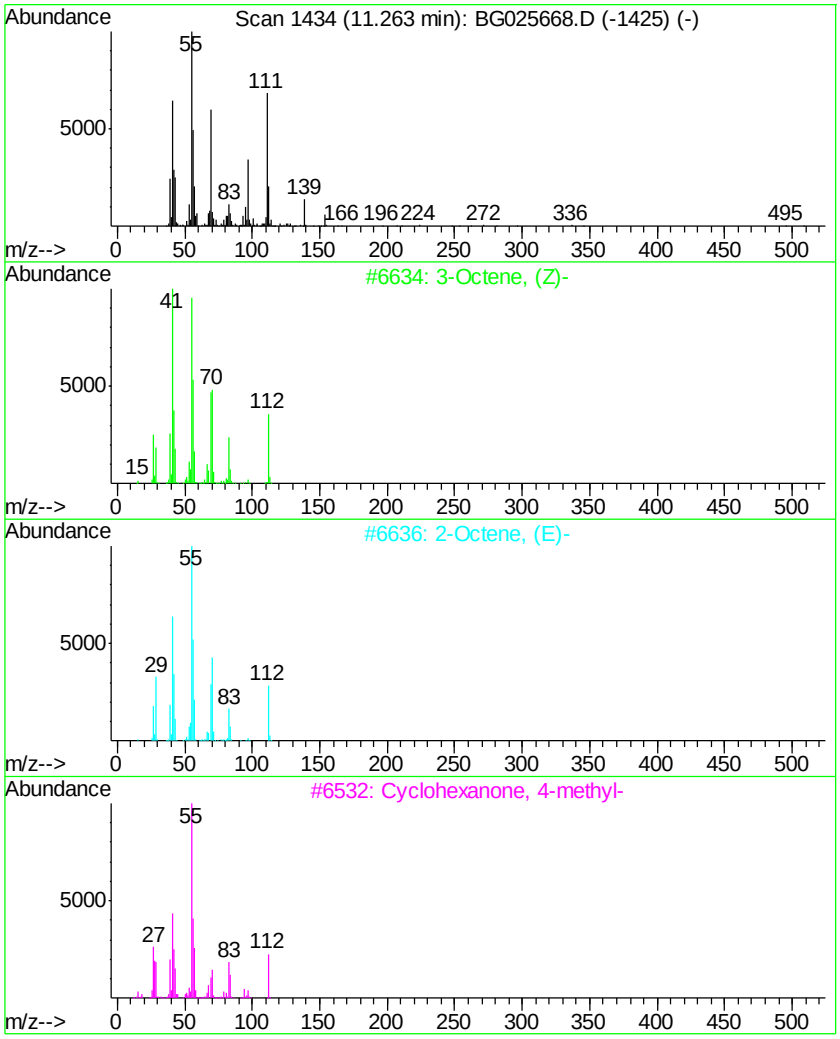
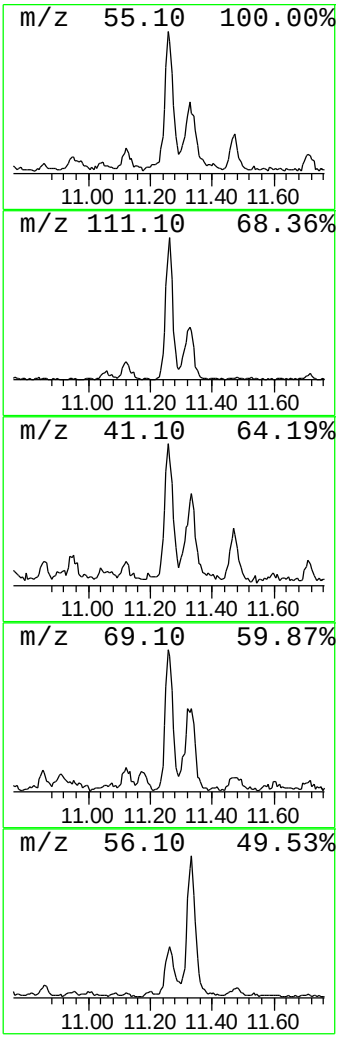
Peak Number 17 (DEL) Alkane: Cyclic11.26 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	27.25 ng/ul	973851	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, (Z)-	112	C8H16	014850-22-7	45
2	2-Octene, (E)-	112	C8H16	013389-42-9	43
3	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	43
4	2-Octene, (Z)-	112	C8H16	007642-04-8	41
5	2-Octene	112	C8H16	000111-67-1	38





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Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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

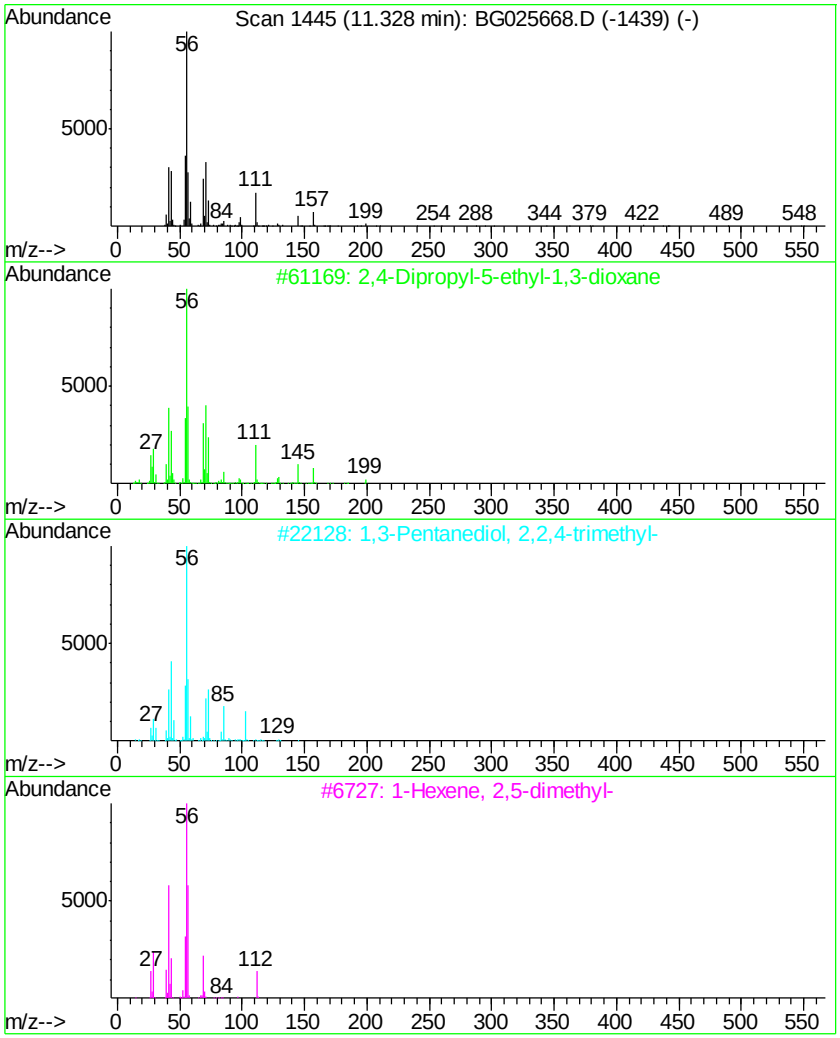
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

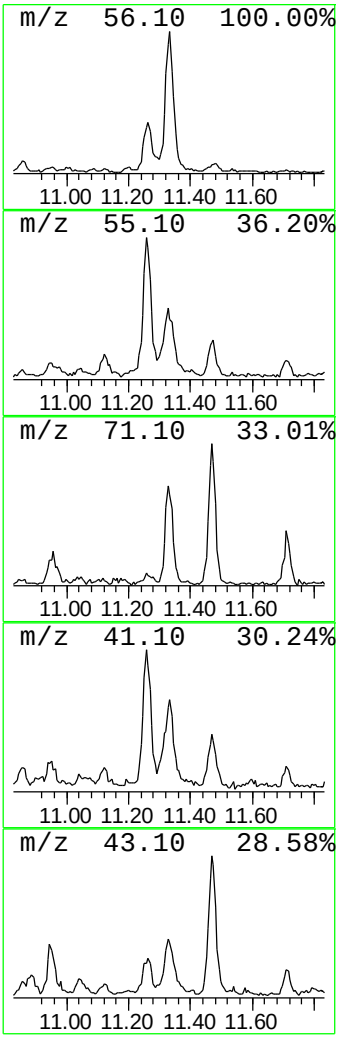
****

Peak Number 18 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	23.02 ng/ul	822682	Naphthalene-d8	11.00

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	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	38
3	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	37
4	2,4-Pentanediol, 3-methyl-	118	C6H14O2	005683-44-3	33
5	Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	28





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Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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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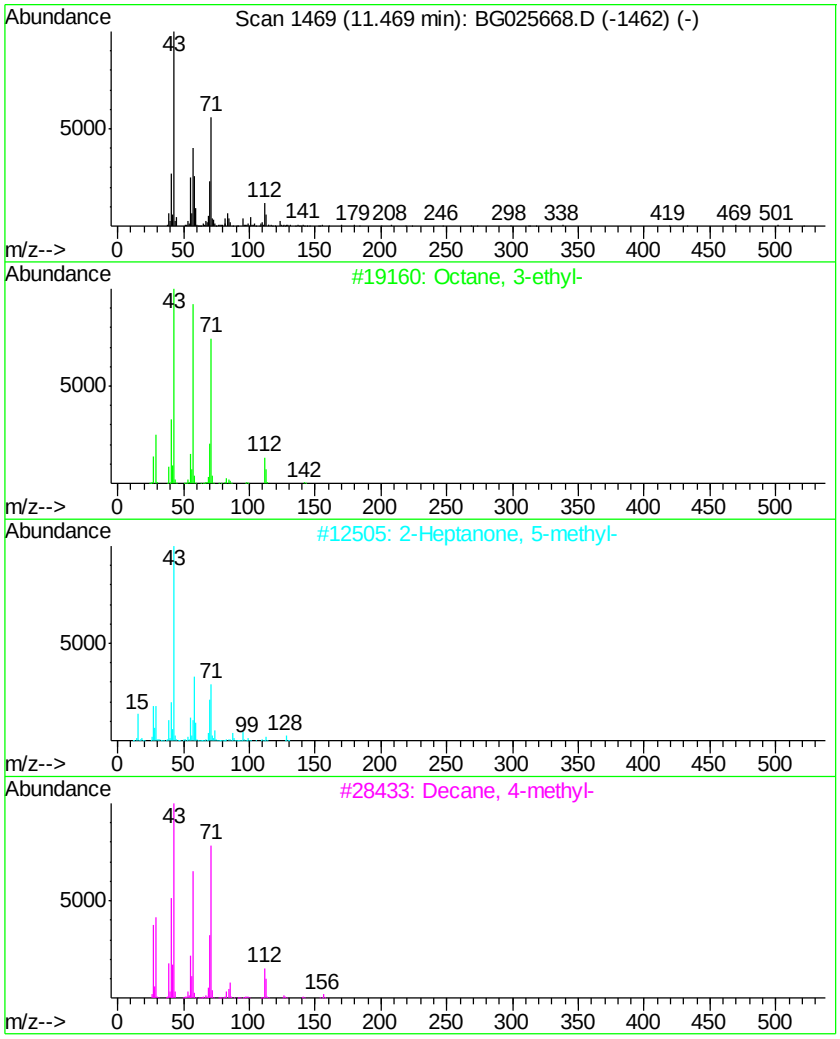
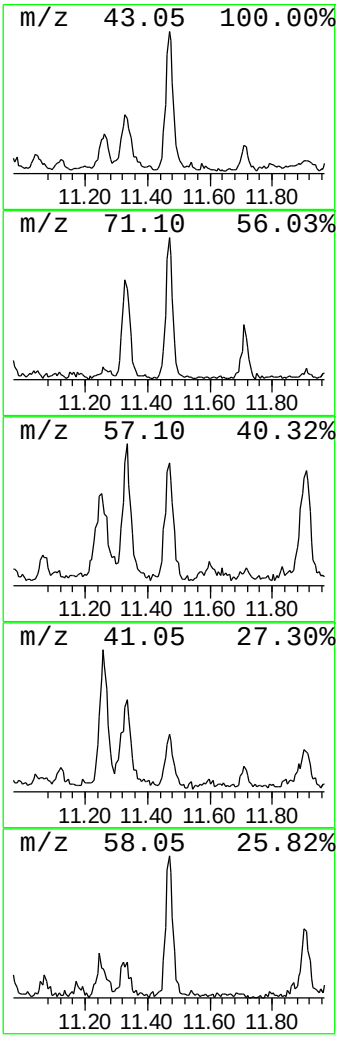
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	16.79 ng/ul	600096	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	58
2	2-Heptanone, 5-methyl-	128	C8H16O	018217-12-4	47
3	Decane, 4-methyl-	156	C11H24	002847-72-5	47
4	4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	47
5	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	47





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Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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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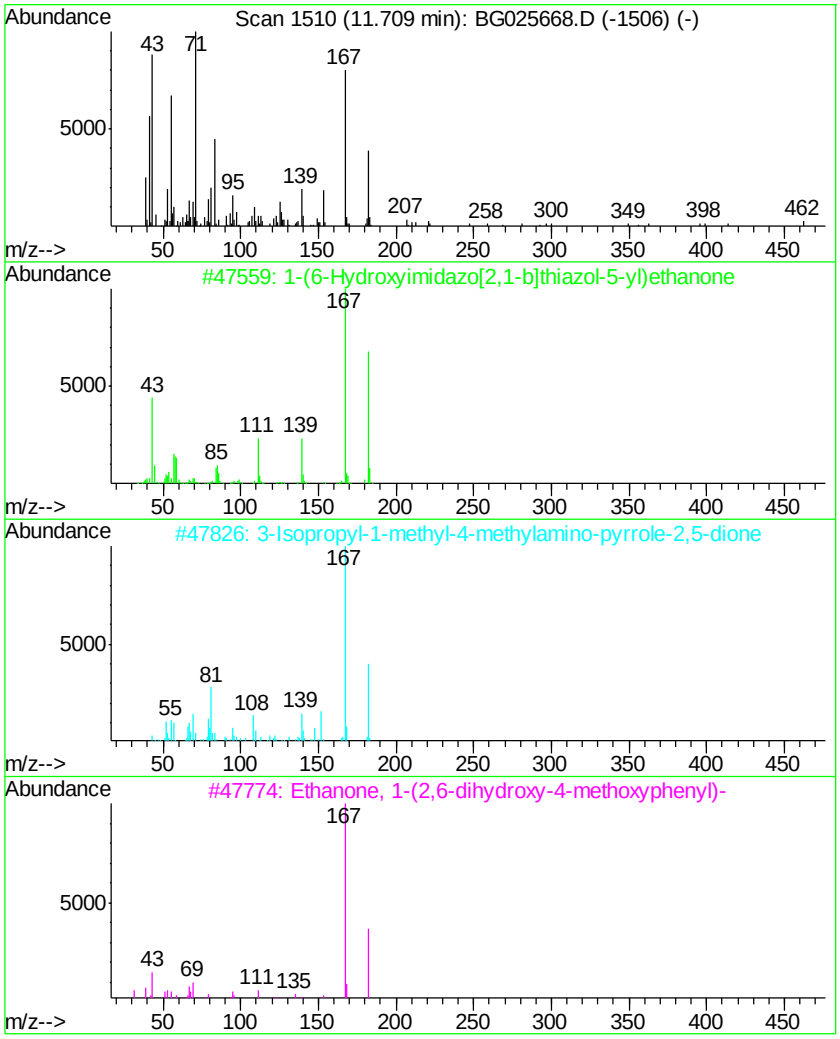
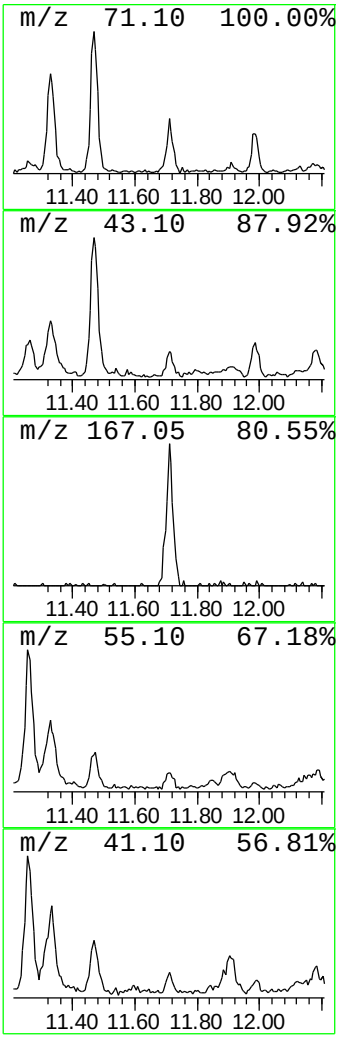
Peak Number 20 unknown-05 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	5.35 ng/ul	191193	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Hydroxyimidazo[2,1-b]thiazo...	182	C7H6N2O2S	067073-26-1	41
2	3-Isopropyl-1-methyl-4-methylami...	182	C9H14N2O2	1000296-12-2	35
3	Ethanone, 1-(2,6-dihydroxy-4-met...	182	C9H10O4	007507-89-3	30
4	Phenol, 3-[(trimethylsilyl)oxy]-	182	C9H14O2Si	017882-01-8	30
5	4-Ethylbiphenyl	182	C14H14	005707-44-8	27





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Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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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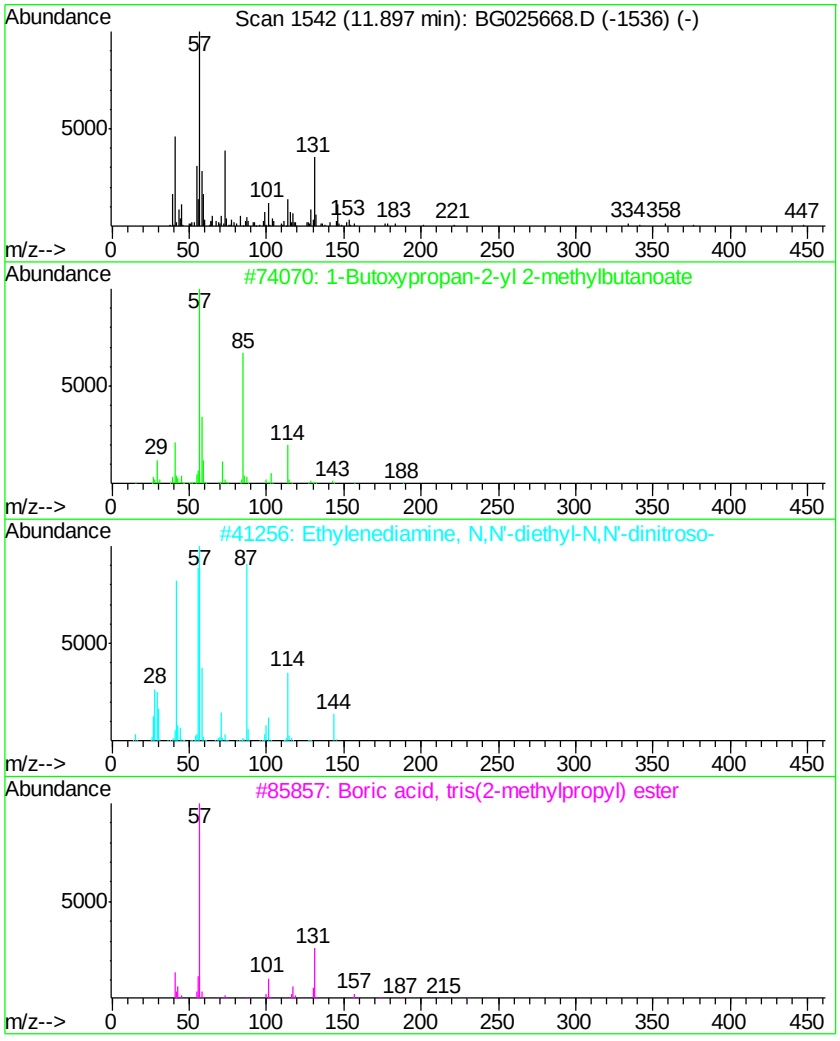
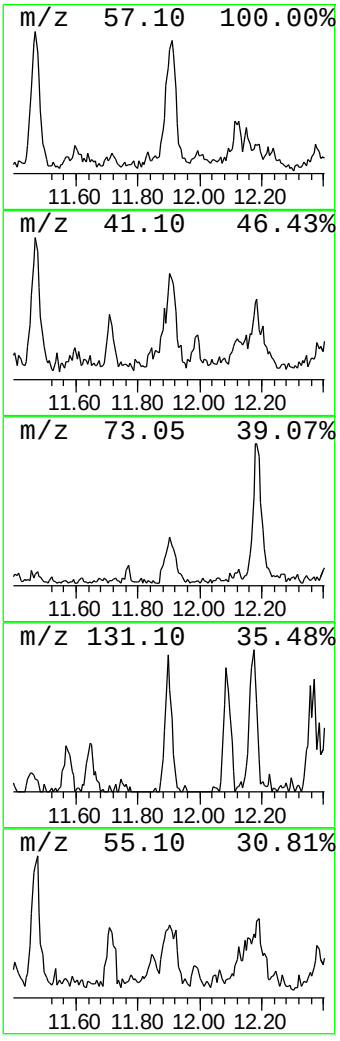
Peak Number 21 unknown-06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	10.33 ng/ul	369214	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butoxypropan-2-yl 2-methylbuta...	216	C12H24O3	1000367-09-4	25
2	Ethylenediamine, N,N'-diethyl-N,...	174	C6H14N4O2	007346-14-7	17
3	Boric acid, tris(2-methylpropyl)...	230	C12H27BO3	013195-76-1	14
4	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	10
5	1-Butoxypropan-2-yl isobutyl car...	232	C12H24O4	1000378-27-6	10





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Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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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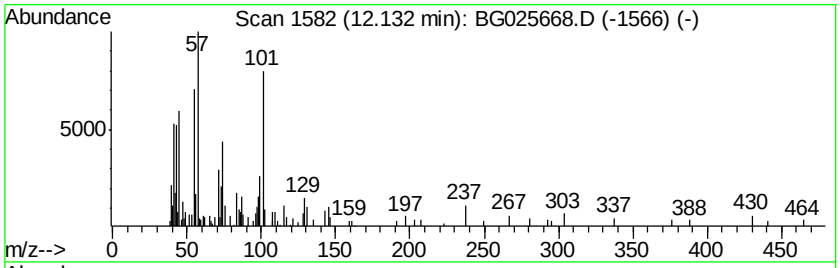
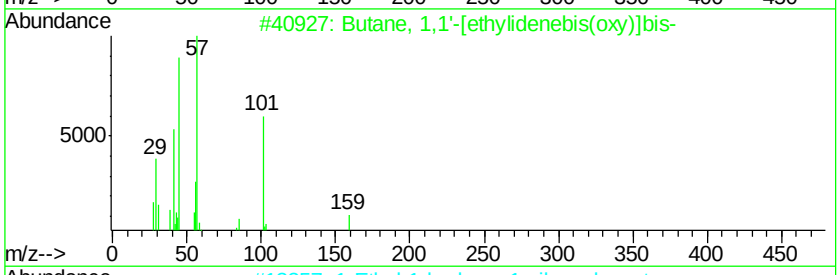
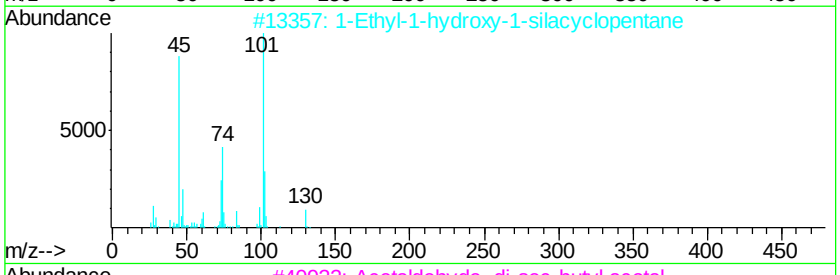
Peak Number 22 unknown-07 Concentration Rank 31

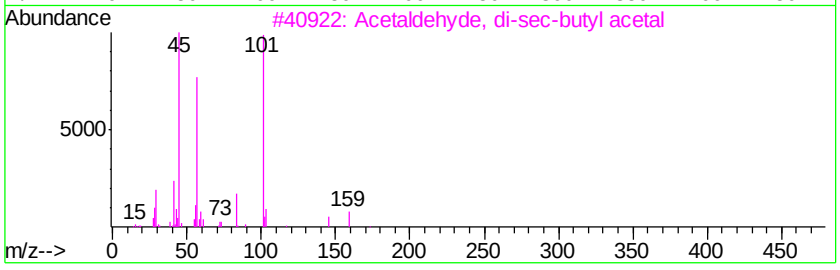
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.89 ng/ul	174948	Naphthalene-d8	11.00

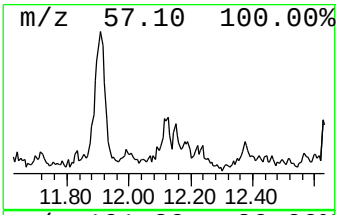
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	40
2	1-Ethyl-1-hydroxy-1-silacyclopen...	130	C6H14OSi	1000279-35-4	40
3	Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	38
4	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	38
5	2,3,6-Tri-O-methyl-d-galactopyra...	222	C9H18O6	001136-27-2	38

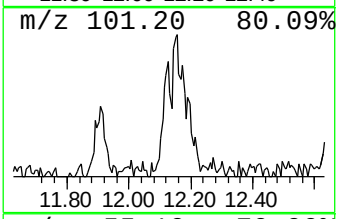


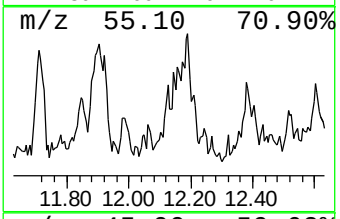


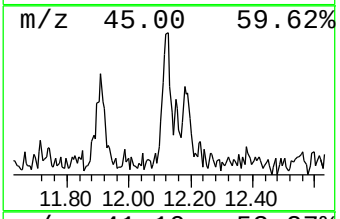


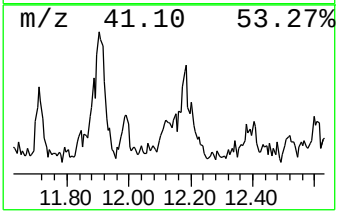












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Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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

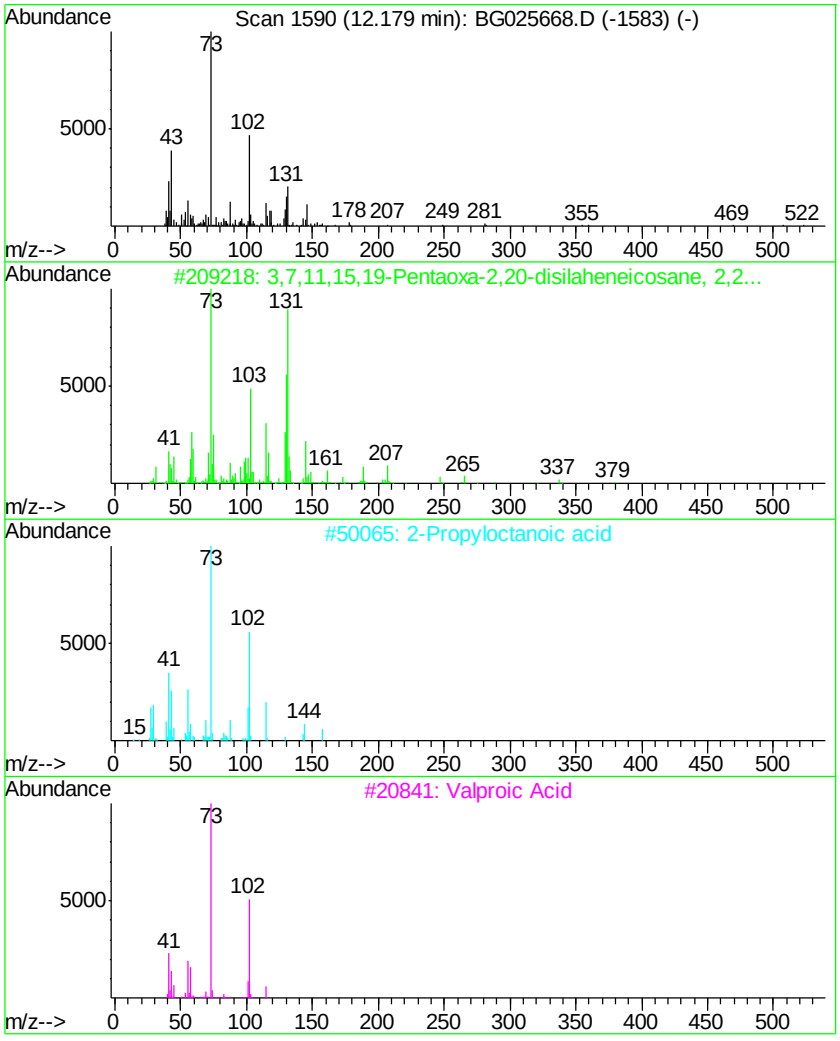
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

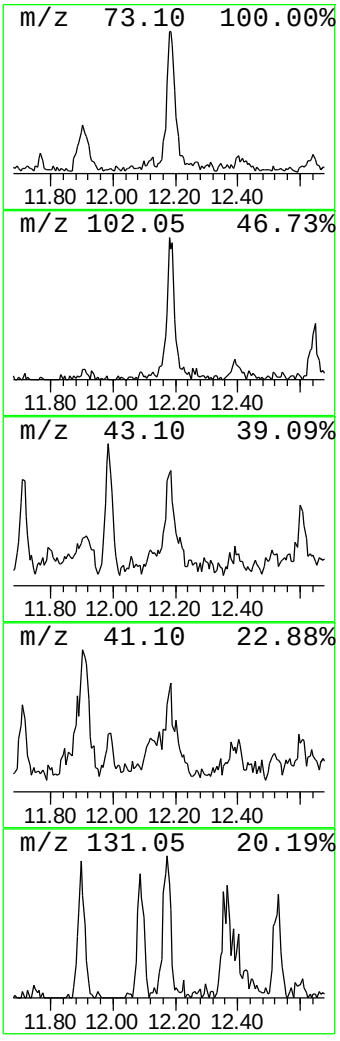
****

Peak Number 23 unknown-08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	13.50 ng/ul	482546	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7,11,15,19-Pentaoxa-2,20-disil...	394	C18H42O5Si2	1000151-71-4	32
2	2-Propyloctanoic acid	186	C11H22O2	031080-41-8	25
3	Valproic Acid	144	C8H16O2	000099-66-1	23
4	di-n-Propylmalonic acid	188	C9H16O4	001636-27-7	23
5	Valproic Acid	144	C8H16O2	000099-66-1	23





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Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

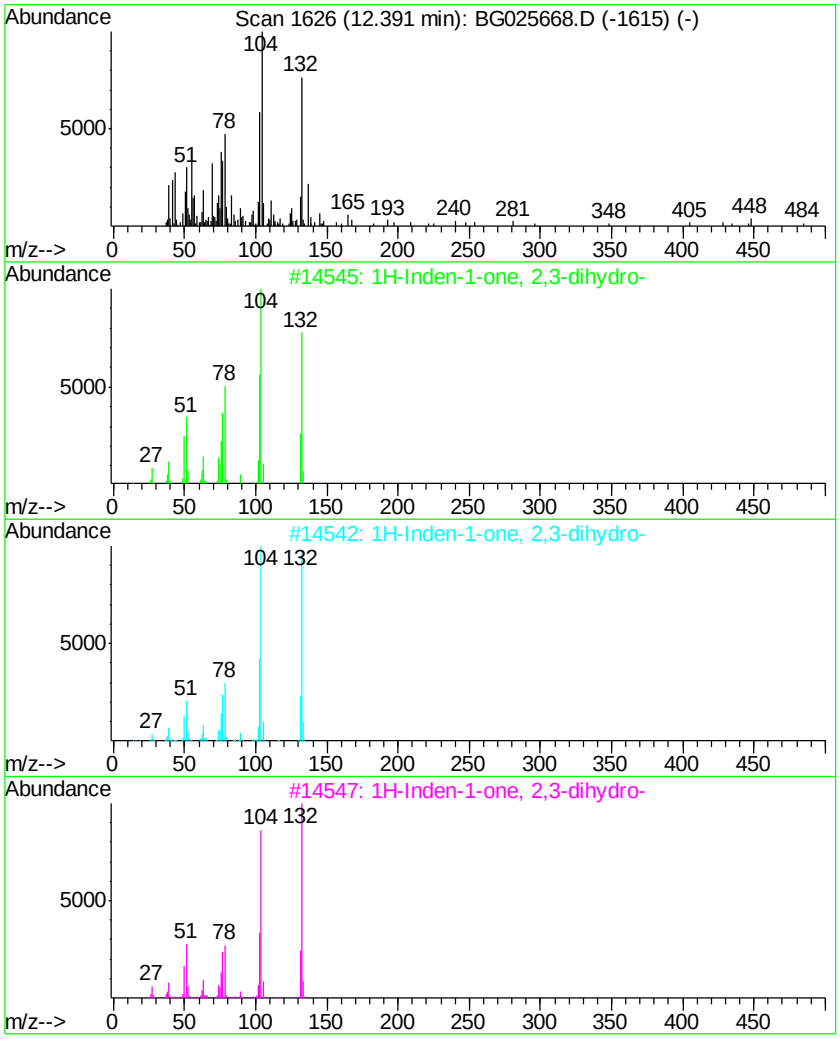
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

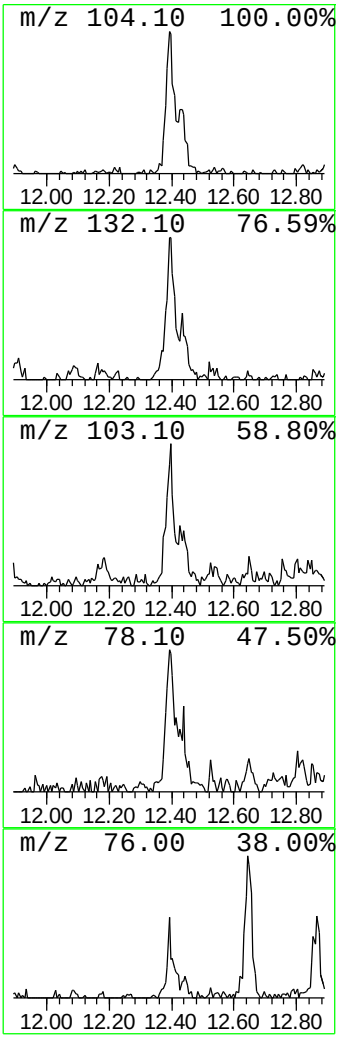
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	10.34 ng/ul	369694	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	91
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	87
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	76
4	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	64
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	55





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Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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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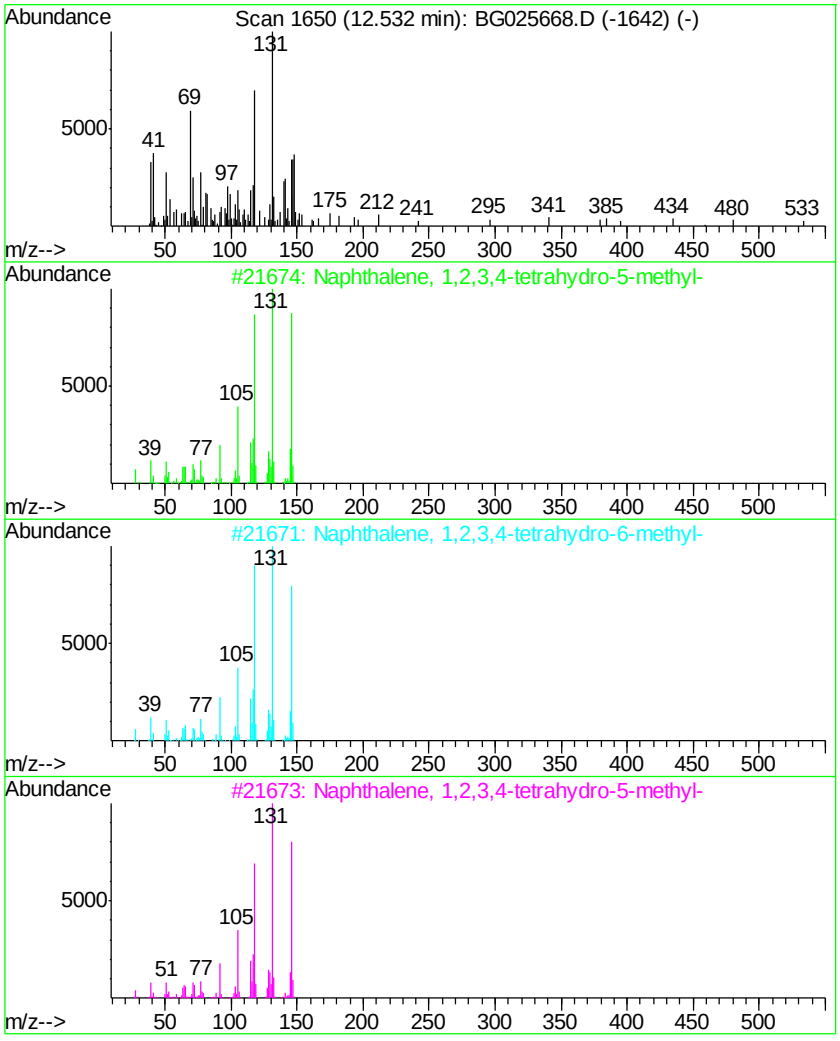
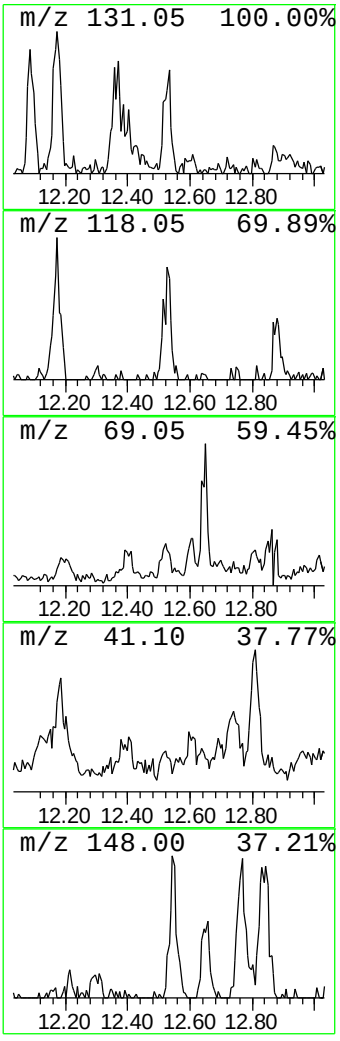
Peak Number 25 unknown-09 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.77 ng/ul	134669	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	46
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	46





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Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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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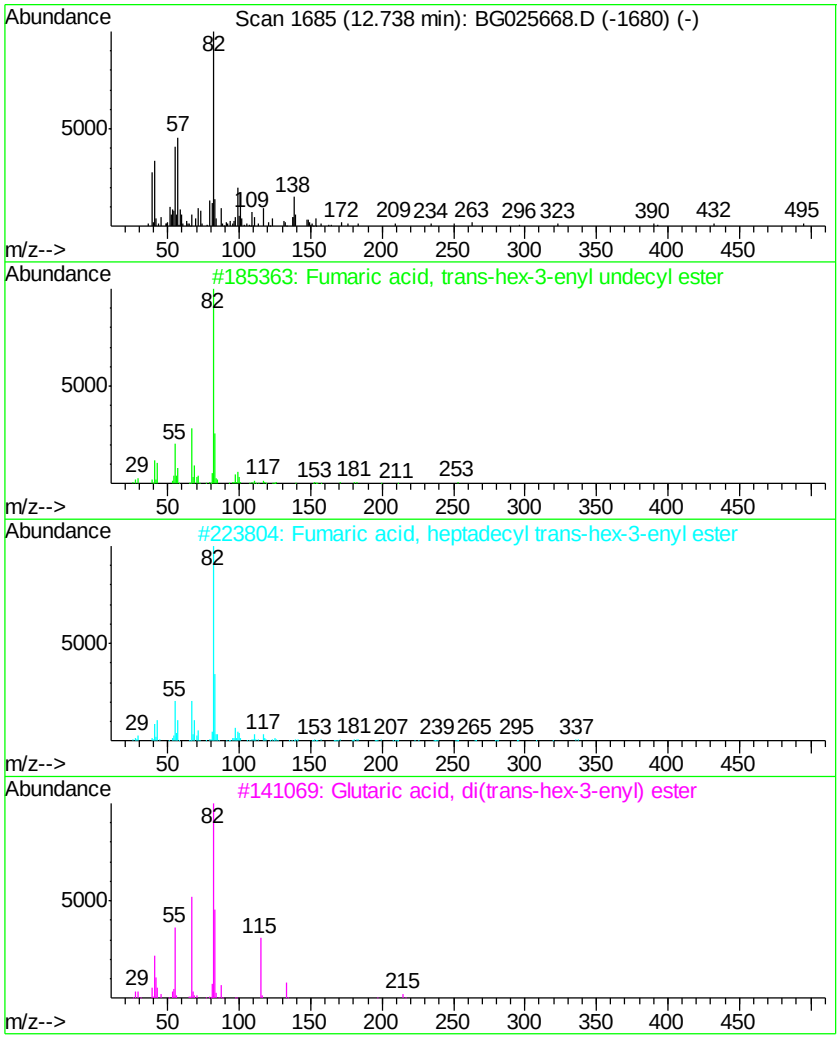
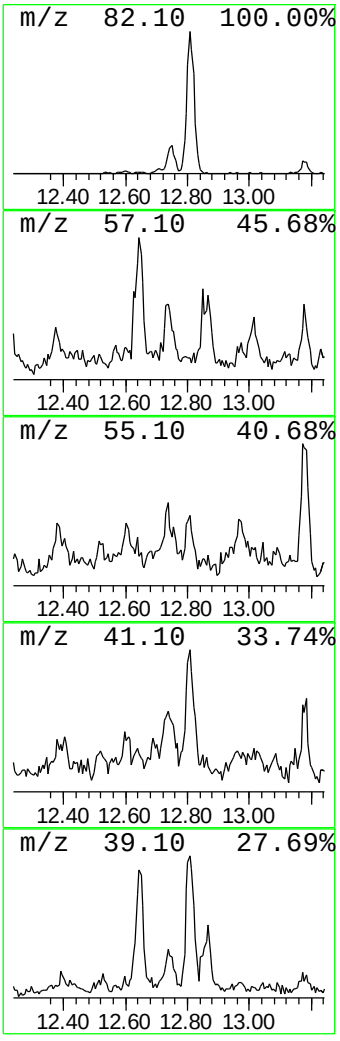
Peak Number 26 Fumaric acid, trans-hex-3-e... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	5.24 ng/ul	187195	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, trans-hex-3-enyl u...	352	C21H36O4	1000348-89-1	53
2	Fumaric acid, heptadecyl trans-h...	436	C27H48O4	1000348-89-7	47
3	Glutaric acid, di(trans-hex-3-en...	296	C17H28O4	1000359-93-8	43
4	Fumaric acid, cis-hex-3-enyl hex...	422	C26H46O4	1000348-87-1	43
5	1H-Pyrazole, 4,5-dihydro-5,5-dim...	138	C8H14N2	106251-09-6	43





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Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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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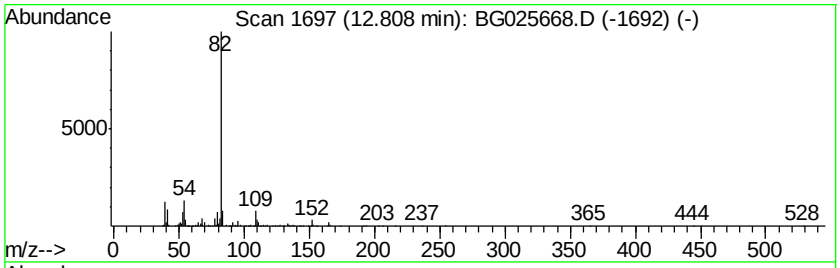
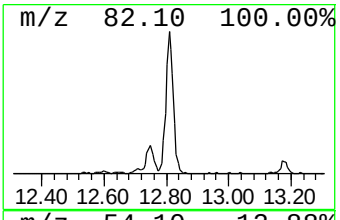
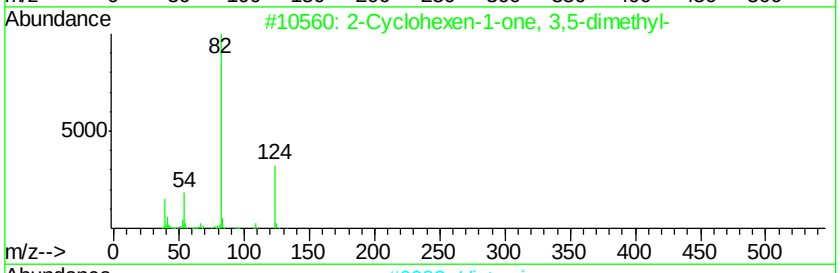
Peak Number 27 2-Cyclohexen-1-one, 3,5-dim... Concentration Rank 8

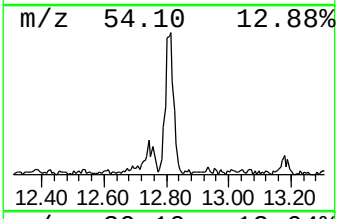
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	14.83 ng/ul	530118	Naphthalene-d8	11.00

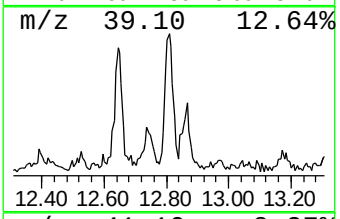
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	53
2	Histamine	111	C5H9N3	000051-45-6	50
3	Isophorone	138	C9H14O	000078-59-1	50
4	8-Oxabicyclo[3.2.1]oct-6-en-2-on...	166	C10H14O2	058705-36-5	40
5	Histidine	155	C6H9N3O2	000071-00-1	40

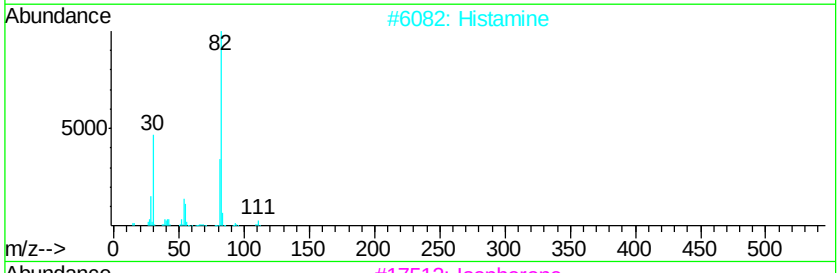


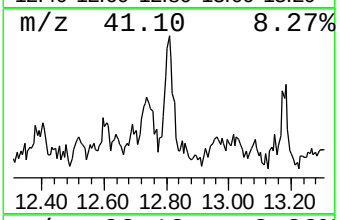


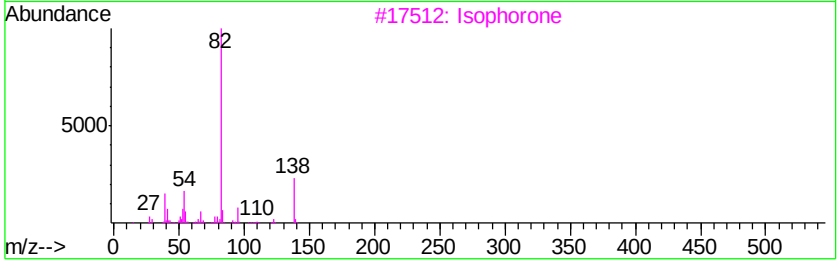


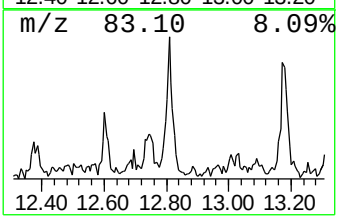












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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

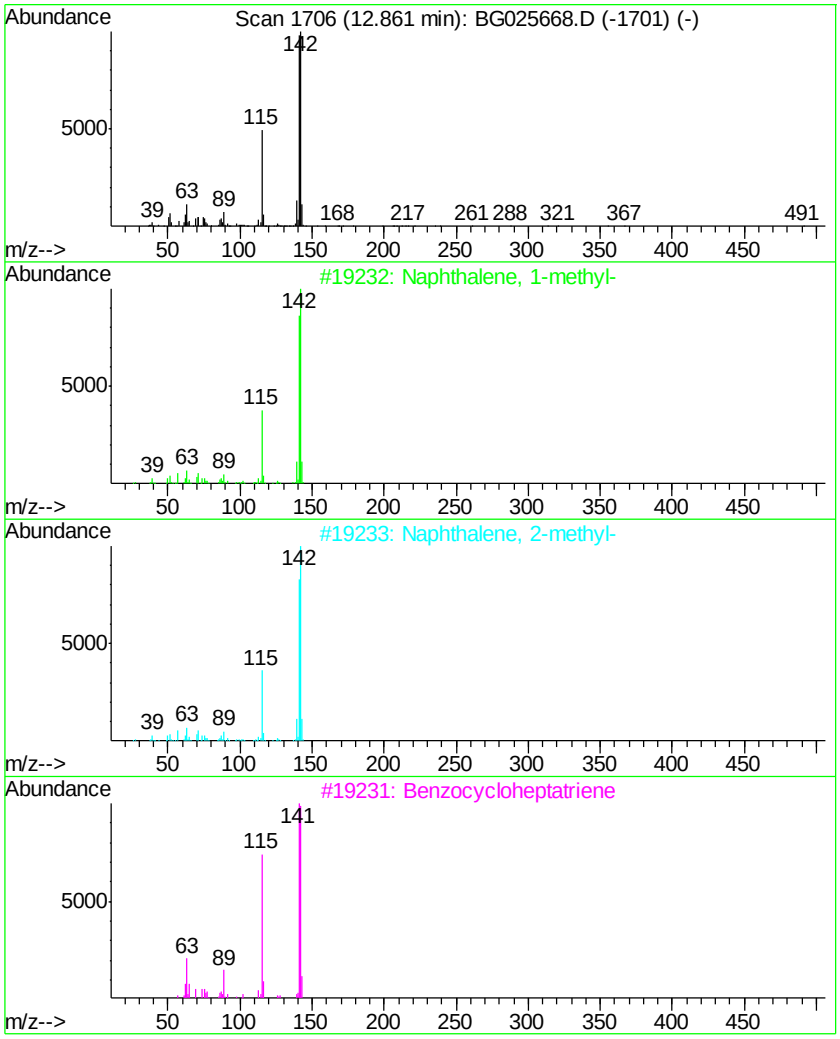
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

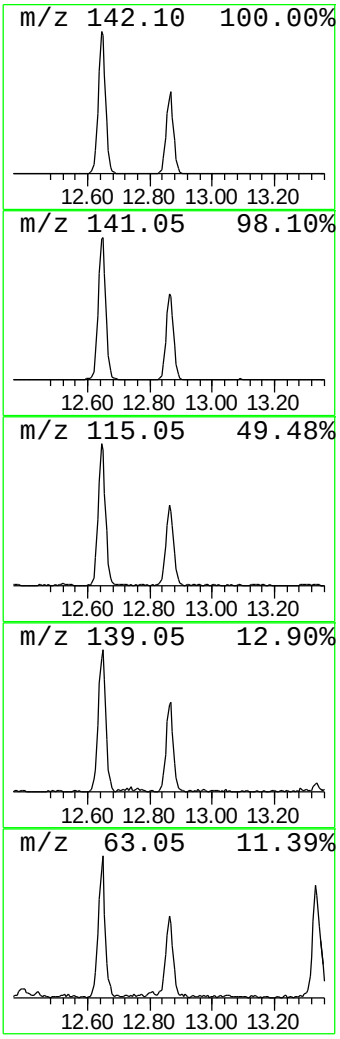
****

Peak Number 28 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	35.48 ng/ul	1268090	Naphthalene-d8	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94





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Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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

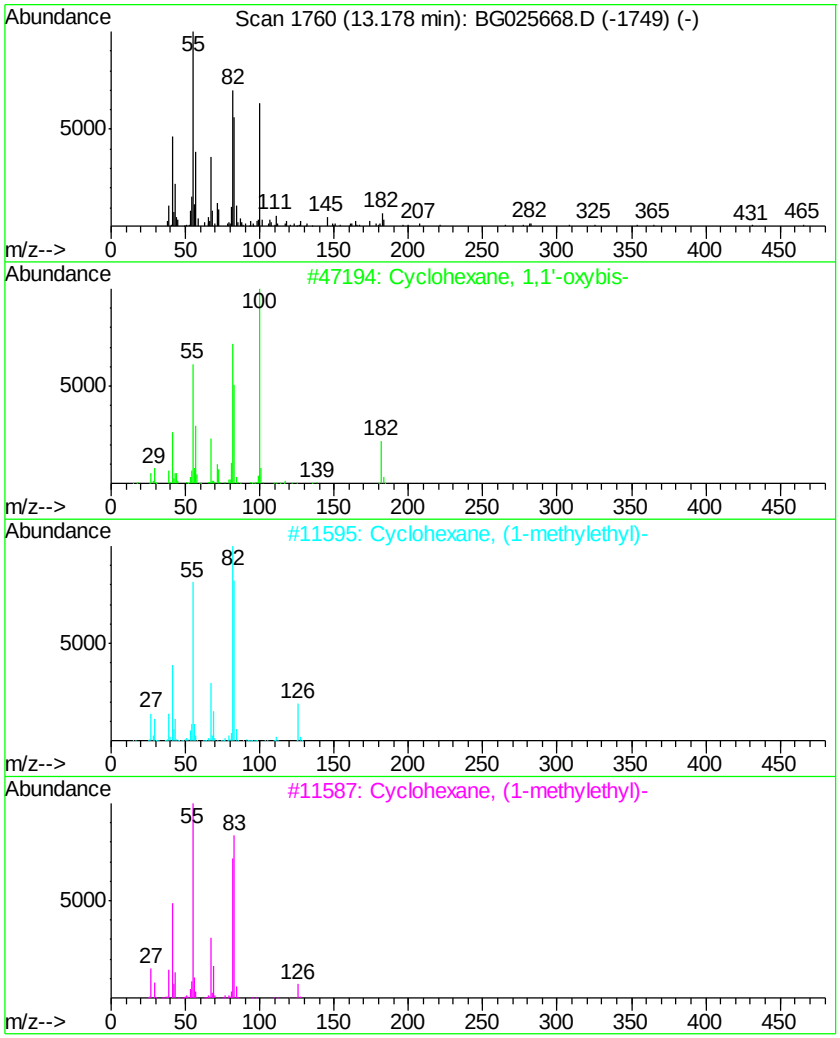
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

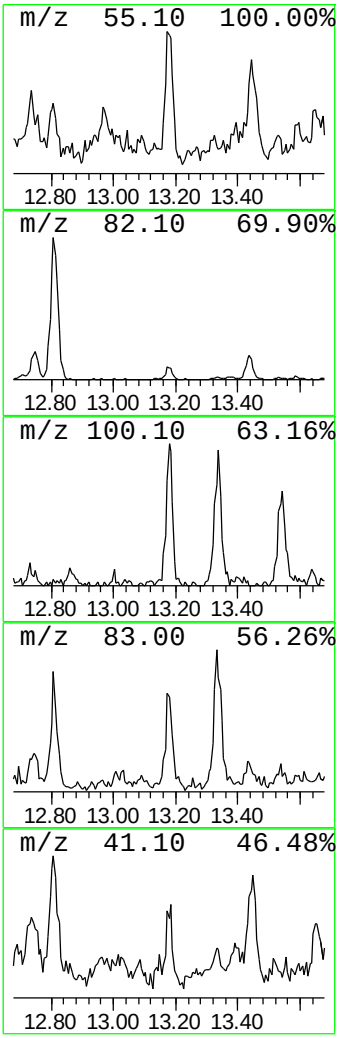
****

Peak Number 29 Cyclohexane, 1,1'-oxybis- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	3.51 ng/ul	222321	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-oxybis-	182	C12H22O	004645-15-2	90
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
5	Vinylcyclohexyl ether	126	C8H14O	002182-55-0	50





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Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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

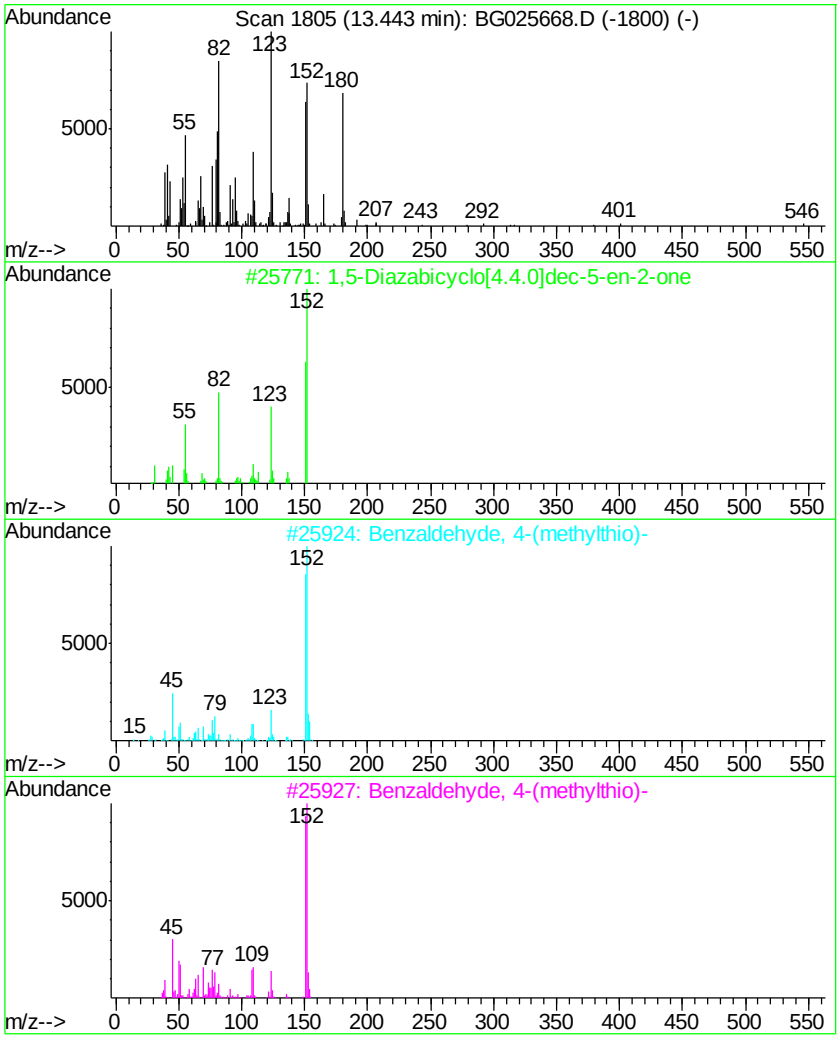
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

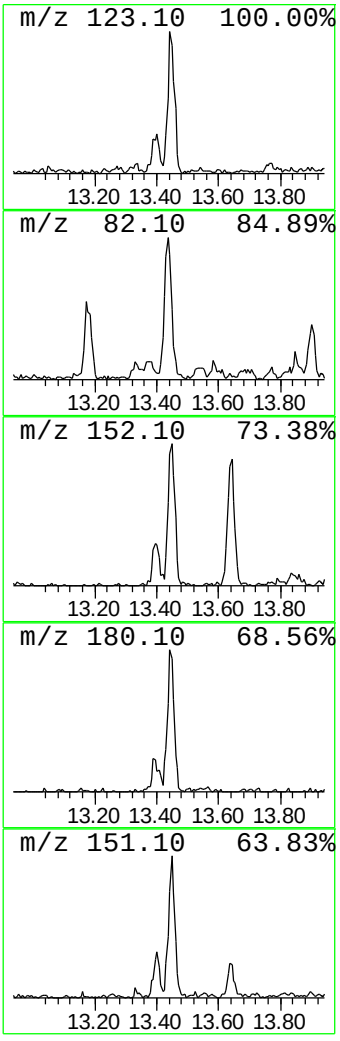
****

Peak Number 30 1,5-Diazabicyclo[4.4.0]dec-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	7.78 ng/ul	493200	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Diazabicyclo[4.4.0]dec-5-en-...	152	C8H12N2O	1000298-94-2	72
2	Benzaldehyde, 4-(methylthio)-	152	C8H8OS	003446-89-7	43
3	Benzaldehyde, 4-(methylthio)-	152	C8H8OS	003446-89-7	38
4	2-Amino-4-acetamino anisole	180	C9H12N2O2	006375-47-9	38
5	4-Ethoxyphenylhydrazine	152	C8H12N2O	039943-51-6	30





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Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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

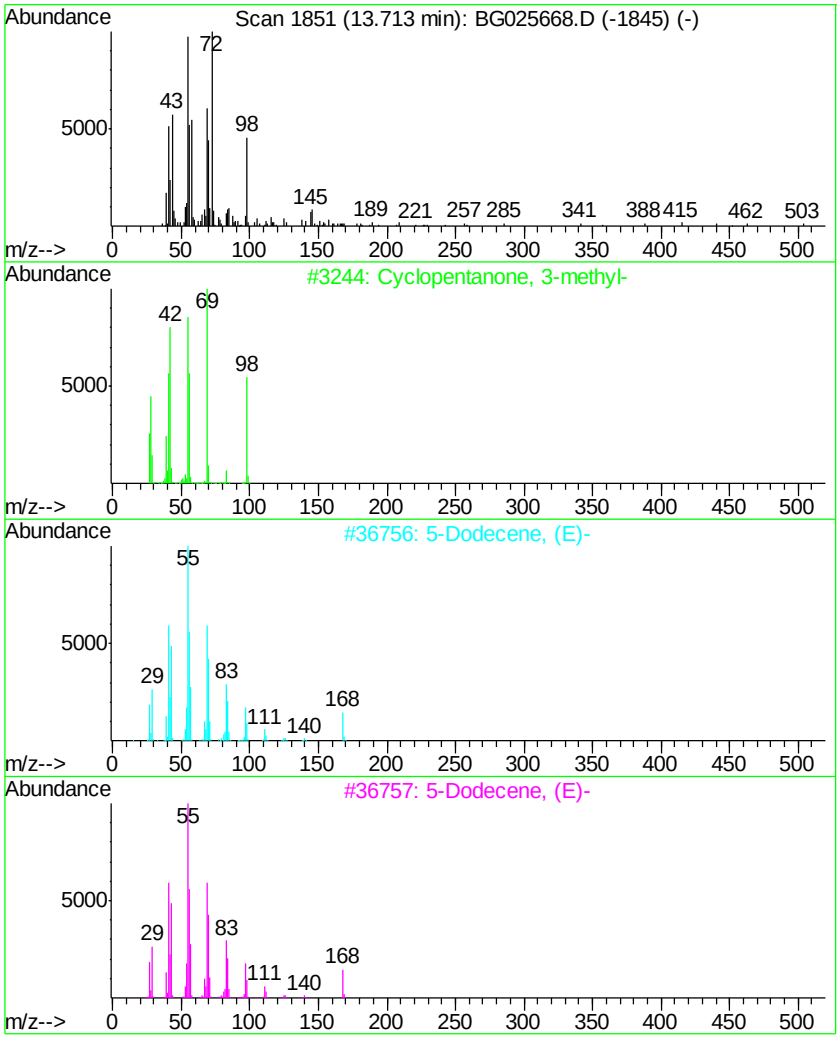
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

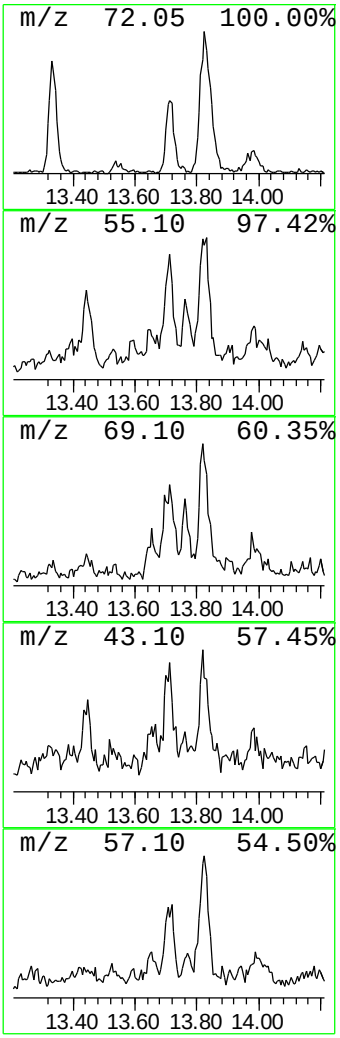
****

Peak Number 32 unknown-10 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	3.73 ng/ul	236426	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	38
2	5-Dodecene, (E)-	168	C12H24	007206-16-8	35
3	5-Dodecene, (E)-	168	C12H24	007206-16-8	35
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	30
5	4-[2-Dimethylaminopropyl]thiosem...	176	C6H16N4S	070619-53-3	27





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Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

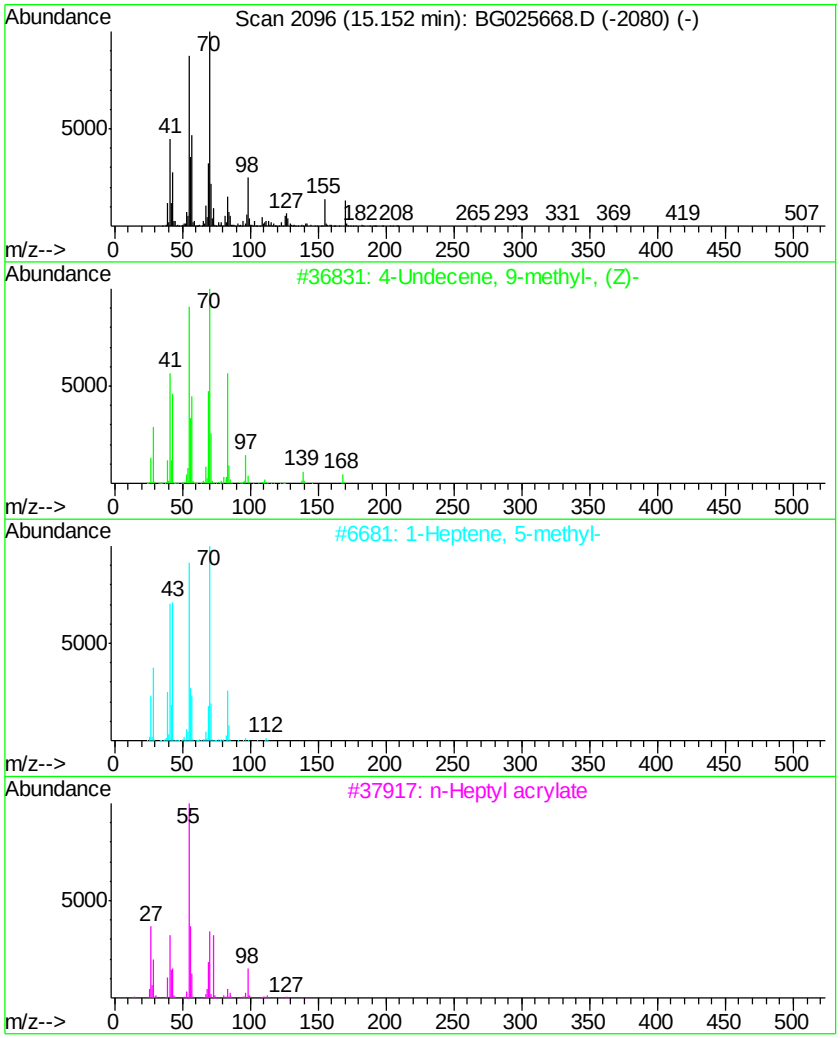
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

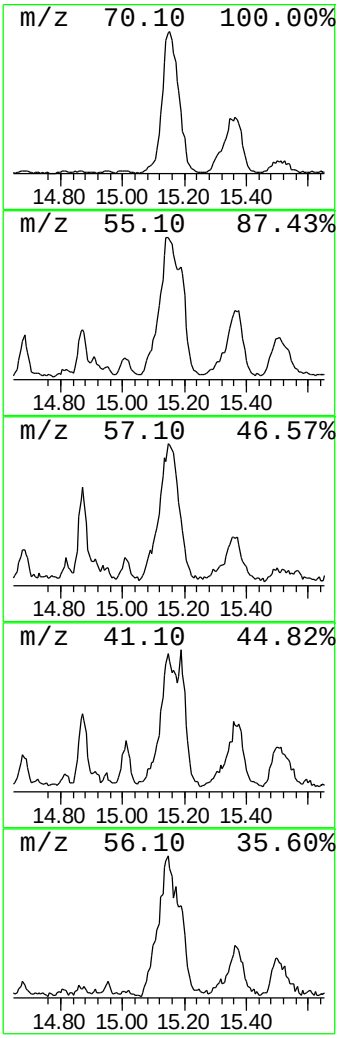
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	55.52 ng/ul	3521160	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Undecene, 9-methyl-, (Z)-	168	C12H24	074630-56-1	59
2	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	52
3	n-Heptyl acrylate	170	C10H18O2	002499-58-3	43
4	1-Decene, 8-methyl-	154	C11H22	061142-79-8	40
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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

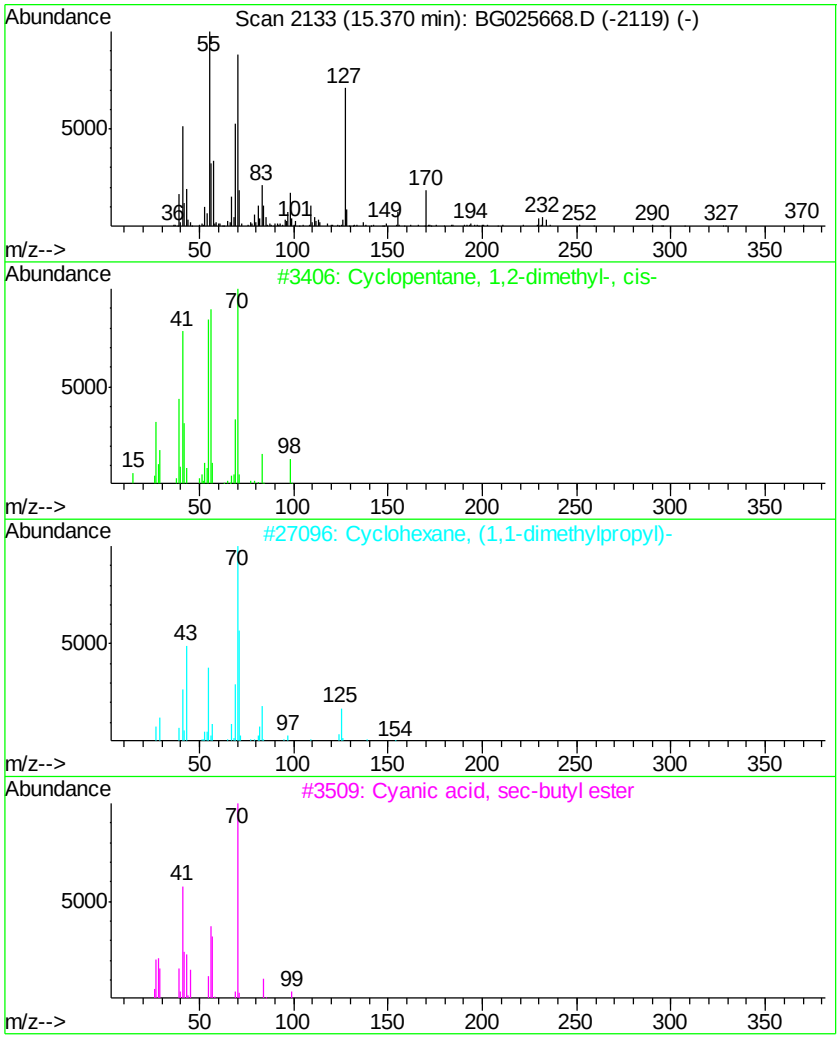
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

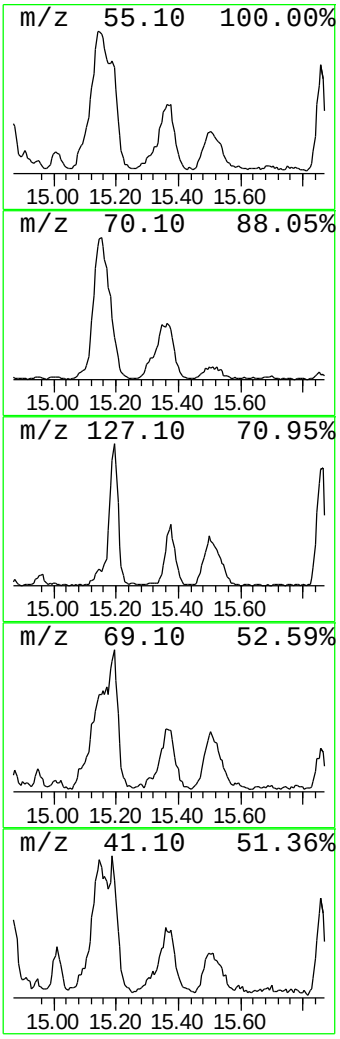
****

Peak Number 41 (DEL) Alkane: Cyclic15.37 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	20.17 ng/ul	1279280	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	43
2	Cyclohexane, (1,1-dimethylpropyl)-	154	C11H22	031797-64-5	38
3	Cyanic acid, sec-butyl ester	99	C5H9NO	001873-13-8	38
4	1-Decene, 8-methyl-	154	C11H22	061142-79-8	35
5	2-Mercaptopyridine-N-oxide	127	C5H5NOS	001121-31-9	14





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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

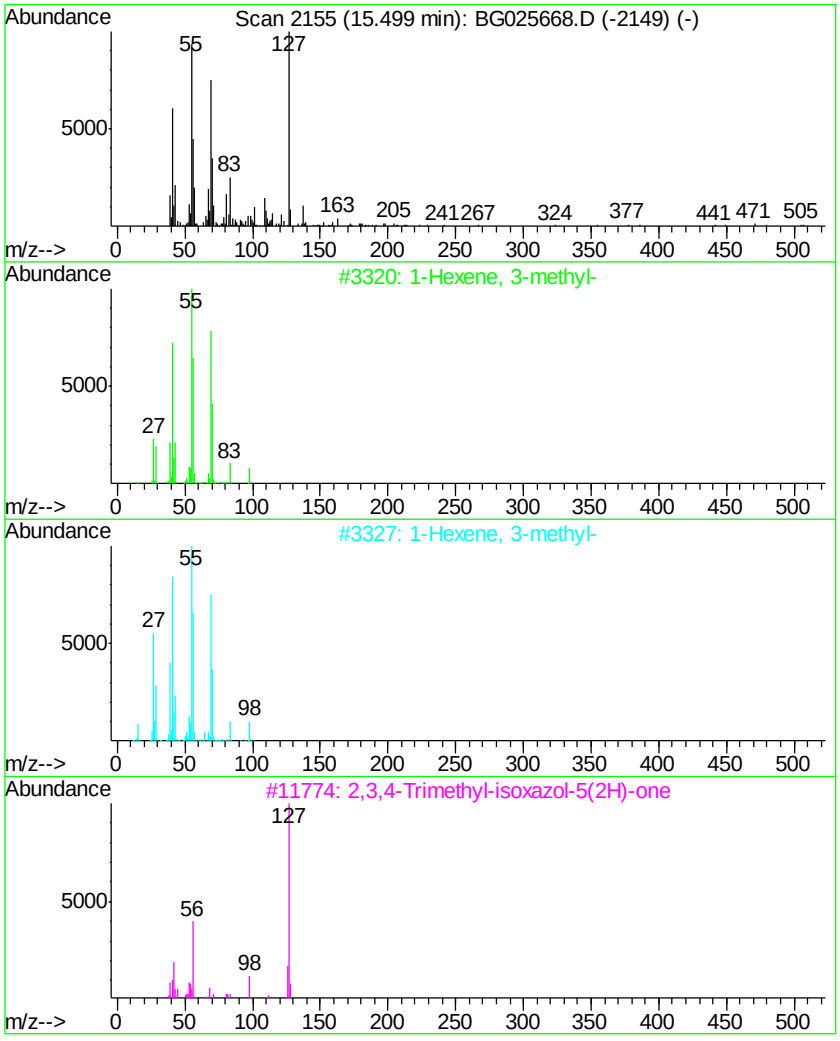
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

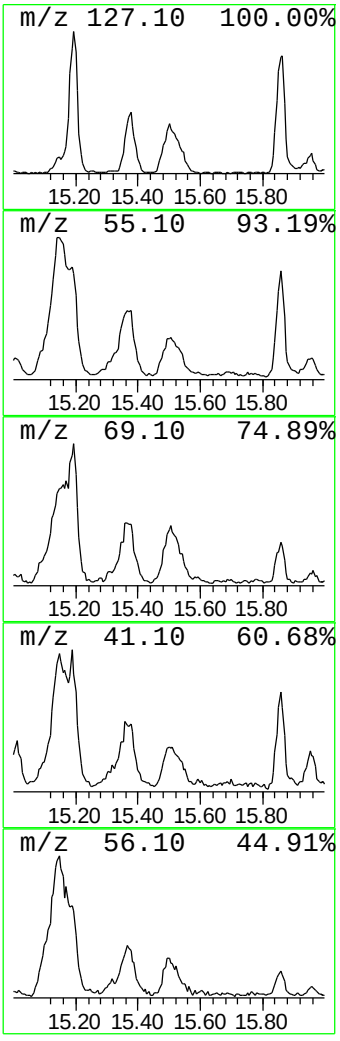
****

Peak Number 42 (DEL) Alkane: Cyclic15.50 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	12.51 ng/ul	793196	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	41
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38
3	2,3,4-Trimethyl-isoxazol-5(2H)-one	127	C6H9NO2	007713-68-0	35
4	Ornithine	132	C5H12N2O2	000070-26-8	35
5	2(1H)-Pyridinethione, 3-hydroxy-	127	C5H5NOS	023003-22-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025668.D
Acq On : 26 Jan 2017 15:56
Operator : SJ/MA
Sample : I1387-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9Q6DL

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
2-Heptanone, 4,6-...	7.57	4.1	ng/ul	1164920	1	8.17	5638350	20.0
Cyclohexanone, 3,...	8.60	4.3	ng/ul	1224800	1	8.17	5638350	20.0
Hexanoic acid, 2-...	9.56	11.7	ng/ul	3308600	1	8.17	5638350	20.0
5-Decanone	9.70	4.6	ng/ul	165696	2	11.00	714840	20.0
Trichloroacetic a...	9.77	5.2	ng/ul	184264	2	11.00	714840	20.0
Benzene, 1,2,3,4-...	9.86	3.8	ng/ul	134323	2	11.00	714840	20.0
unknown-01	10.02	5.0	ng/ul	178189	2	11.00	714840	20.0
(DEL) Alkane: Str...	10.05	3.9	ng/ul	140777	2	11.00	714840	20.0
Benzene, 1-methyl...	10.23	3.3	ng/ul	117727	2	11.00	714840	20.0
1-Phenyl-1-butene	10.38	8.5	ng/ul	302495	2	11.00	714840	20.0
unknown-02	10.50	10.1	ng/ul	359506	2	11.00	714840	20.0
unknown-03	10.74	5.8	ng/ul	205936	2	11.00	714840	20.0
Isobutyl isovalerate	10.86	3.8	ng/ul	134766	2	11.00	714840	20.0
Parachlorophenol	10.90	4.3	ng/ul	153630	2	11.00	714840	20.0
5-Nonanone, 2,8-d...	10.95	7.9	ng/ul	282642	2	11.00	714840	20.0
Cyclopenta[c]thia...	11.17	9.5	ng/ul	338338	2	11.00	714840	20.0
(DEL) Alkane: Cyc...	11.26	27.3	ng/ul	973851	2	11.00	714840	20.0
unknown-04	11.33	23.0	ng/ul	822682	2	11.00	714840	20.0
(DEL) Alkane: Str...	11.47	16.8	ng/ul	600096	2	11.00	714840	20.0
unknown-05	11.71	5.3	ng/ul	191193	2	11.00	714840	20.0
unknown-06	11.90	10.3	ng/ul	369214	2	11.00	714840	20.0
unknown-07	12.13	4.9	ng/ul	174948	2	11.00	714840	20.0
unknown-08	12.18	13.5	ng/ul	482546	2	11.00	714840	20.0
1H-Inden-1-one, 2...	12.39	10.3	ng/ul	369694	2	11.00	714840	20.0
unknown-09	12.53	3.8	ng/ul	134669	2	11.00	714840	20.0
Fumaric acid, tra...	12.74	5.2	ng/ul	187195	2	11.00	714840	20.0
2-Cyclohexen-1-on...	12.81	14.8	ng/ul	530118	2	11.00	714840	20.0
Naphthalene, 1-me...	12.86	35.5	ng/ul	1268090	2	11.00	714840	20.0
Cyclohexane, 1,1'...	13.18	3.5	ng/ul	222321	3	14.81	1268450	20.0
1,5-Diazabicyclo[...	13.44	7.8	ng/ul	493200	3	14.81	1268450	20.0
unknown-10	13.71	3.7	ng/ul	236426	3	14.81	1268450	20.0
(DEL) Alkane: Str...	15.15	55.5	ng/ul	3521160	3	14.81	1268450	20.0
(DEL) Alkane: Cyc...	15.37	20.2	ng/ul	1279280	3	14.81	1268450	20.0
(DEL) Alkane: Cyc...	15.50	12.5	ng/ul	793196	3	14.81	1268450	20.0