LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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	7.280	752	756	762	rVV2	97151	154830	2.51%	0.237%
2	7.351	762	768	780	rVB4	80989	179578	2.91%	0.275%
3	7.492	782	792	799	rBV	315966	579873	9.40%	0.887%
4	7.568	799	805	818	rVB	196429	371083	6.02%	0.567%
5	7.709	818	829	841	rBV	342752	663827	10.77%	1.015%
6	8.179	900	909	920	rBV3	322533	660934	10.72%	1.011%
7	8.279	920	926	939	rVB3	35070	87025	1.41%	0.133%
8	8.602	975	981	992	rVB2	380530	688029	11.16%	1.052%
9	8.896	1023	1031	1039	rBV2	264307	544949	8.84%	0.833%
10	8.966	1039	1043	1051	rVB3	53074	93349	1.51%	0.143%
11	9.284	1088	1097	1104	rBV6	44451	103465	1.68%	0.158%
12	9.360	1104	1110	1122	rBV2	490808	964121	15.63%	1.474%
13	9.695	1157	1167	1173	rVB5	48374	123499	2.00%	0.189%
14	9.771	1173	1180	1184	rBV7	44454	91396	1.48%	0.140%
15	9.860	1191	1195	1203	rBV8	31206	67865	1.10%	0.104%
16	9.942	1203	1209	1214	rBV2	188064	294586	4.78%	0.450%
17	10.006	1215	1220	1226	rVV6	31581	77584	1.26%	0.119%
18	10.089	1226	1234	1247	rVB2	559060	1118559	18.14%	1.710%
19	10.382	1278	1284	1295	rBV10	40760	108157	1.75%	0.165%
20	10.506	1295	1305	1309	rBV9	35193	94196	1.53%	0.144%
21	10.635	1317	1327	1342	rBV2	595646	1222096	19.82%	1.869%
22	10.888	1362	1370	1376	rVB9	37941	76410	1.24%	0.117%
23	11.005	1376	1390	1394	rBV	585561	1349120	21.88%	2.063%
24	11.052	1394	1398	1406	rVV	973914	1851731	30.03%	2.831%
25	11.123	1406	1410	1412	rVV3	53082	87345	1.42%	0.134%
26	11.158	1412	1416	1426	rVB3	82317	223078	3.62%	0.341%
27	11.258	1426	1433	1439	rBV2	547884	1051060	17.04%	1.607%
28	11.328	1439	1445	1454	rVB	565738	1097607	17.80%	1.678%
29	11.469	1462	1469	1481	rBV	141206	322155	5.22%	0.493%
30	11.710	1498	1510	1518	rBV	37214	104580	1.70%	0.160%
31	11.887	1527	1540	1556	rBV6	103570	426805	6.92%	0.653%
32	12.210	1591	1595	1605	rVB4	106669	196488	3.19%	0.300%
33	12.333	1605	1616	1620	rBV9	37406	99919	1.62%	0.153%
34	12.398	1620	1627	1634	rVB4	197637	432985	7.02%	0.662%

LSC Area Percent Report

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Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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	12.568	1645	1656	1661	rBV4	34711	126631	2.05%	0.194%
36	12.645	1664	1669	1687	rVB	322233	654859	10.62%	1.001%
37	12.803	1688	1696	1699	rBV9	33899	78913	1.28%	0.121%
38	12.862	1699	1706	1715	rVV	323276	578261	9.38%	0.884%
39	12.956	1715	1722	1729	rVV9	48778	121500	1.97%	0.186%
40	13.038	1732	1736	1740	rBV4	59677	79063	1.28%	0.121%
41	13.079	1740	1743	1751	rVB5	50665	81635	1.32%	0.125%
42	13.179	1751	1760	1766	rVB6	68407	121193	1.97%	0.185%
43	13.379	1787	1794	1798	rBV10	31739	79600	1.29%	0.122%
44	13.637	1825	1838	1845	rBV4	198704	499784	8.10%	0.764%
45	13.731	1847	1854	1858	rBV6	57874	130198	2.11%	0.199%
46	13.778	1858	1862	1866	rVV6	45084	103163	1.67%	0.158%
47	13.825	1866	1870	1879	rVB9	85224	190410	3.09%	0.291%
48	13.966	1885	1894	1895	rBV8	85731	161762	2.62%	0.247%
49	14.037	1902	1906	1911	rVB2	124009	188291	3.05%	0.288%
50	14.119	1913	1920	1927	rBV7	95273	258766	4.20%	0.396%
51	14.201	1927	1934	1940	rVV	1278392	1974682	32.02%	3.019%
52	14.366	1957	1962	1965	rBV5	48973	92857	1.51%	0.142%
53	14.454	1969	1977	1980	rBV10	43955	85945	1.39%	0.131%
54	14.507	1980	1986	1996	rVB	1318858	2214209	35.91%	3.386%
55	14.619	1996	2005	2010	rBV9	55498	167449	2.72%	0.256%
56	14.807	2027	2037	2044	rVV	877547	1528403	24.79%	2.337%
57	14.877	2044	2049	2058	rVV7	99278	318308	5.16%	0.487%
58	14.977	2058	2066	2075	rVB4	180292	387526	6.28%	0.593%
59	15.083	2075	2084	2091	rBV3	490901	1023811	16.60%	1.566%
60	15.153	2091	2096	2100	rVV	591344	900234	14.60%	1.377%
61	15.206	2100	2105	2109	rVV	408994	633131	10.27%	0.968%
62	15.247	2109	2112	2116	rVB3	134921	198402	3.22%	0.303%
63	15.330	2120	2126	2133	rVB	301515	436895	7.08%	0.668%
64	15.406	2133	2139	2152	rVB2	812924	1498527	24.30%	2.291%
65	15.682	2182	2186	2190	rVB5	58411	72964	1.18%	0.112%
66	15.741	2190	2196	2200	rBV9	44075	108202	1.75%	0.165%
67	15.800	2200	2206	2212	rVV	1680222	2631451	42.67%	4.024%
68	15.852	2212	2215	2223	rVB2	109182	187615	3.04%	0.287%
69	15.947	2223	2231	2243	rBV	2998173	5383345	87.30%	8.232%
70	16.035	2244	2246	2251	rVB6	66005	88439	1.43%	0.135%
71	16.252	2277	2283	2287	rBV6	64123	137563	2.23%	0.210%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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	16.323	2292	2295	2300	rVB5	52710	71603	1.16%	0.109%
73	16.528	2325	2330	2340	rVB4	152871	309996	5.03%	0.474%
74	16.828	2375	2381	2386	rBV	166842	240413	3.90%	0.368%
75	16.887	2386	2391	2397	rBV10	40693	70206	1.14%	0.107%
76	17.210	2437	2446	2465	rBV2	3366859	6166509	100.00%	9.429%
77	17.556	2498	2505	2509	rBV2	1474657	2427224	39.36%	3.711%
78	17.598	2510	2512	2516	rVV	313955	395527	6.41%	0.605%
79	17.656	2516	2522	2538	rVB	1927495	2998885	48.63%	4.586%
80	17.968	2566	2575	2579	rBV2	76096	160410	2.60%	0.245%
81	18.361	2635	2642	2645	rBV9	34495	77217	1.25%	0.118%
82	18.978	2741	2747	2754	rVB2	189943	304682	4.94%	0.466%
83	19.108	2767	2769	2784	rVB2	32619	83104	1.35%	0.127%
84	19.384	2811	2816	2827	rBV2	169333	300949	4.88%	0.460%
85	19.489	2829	2834	2841	rBV9	40295	74582	1.21%	0.114%
86	19.730	2870	2875	2884	rVB3	126897	182587	2.96%	0.279%
87	19.848	2893	2895	2901	rVB7	54969	76445	1.24%	0.117%
88	19.936	2902	2910	2919	rBV	2202490	3289520	53.34%	5.030%
89	20.412	2988	2991	2997	rVB	39875	68997	1.12%	0.106%
90	21.845	3227	3235	3245	rBV	1091067	1985368	32.20%	3.036%
91	21.981	3251	3258	3266	rVB	189826	376694	6.11%	0.576%
92	23.291	3478	3481	3489	rVB7	43859	95321	1.55%	0.146%
93	24.119	3618	3622	3630	rVB5	71723	159662	2.59%	0.244%
94	25.006	3761	3773	3784	rBV2	1062140	3228726	52.36%	4.937%
95	25.112	3785	3791	3798	rVB4	92289	236092	3.83%	0.361%
96	25.236	3803	3812	3825	rVB2	594151	1871849	30.36%	2.862%
97	26.270	3981	3988	3998	rVB6	84407	257698	4.18%	0.394%
98	27.668	4219	4226	4241	rVB7	89273	343551	5.57%	0.525%
99	29.366	4503	4515	4517	rBV7	67686	197756	3.21%	0.302%
100	31.417	4856	4864	4879	rVB7	51219	214102	3.47%	0.327%

Sum of corrected areas: 65397946

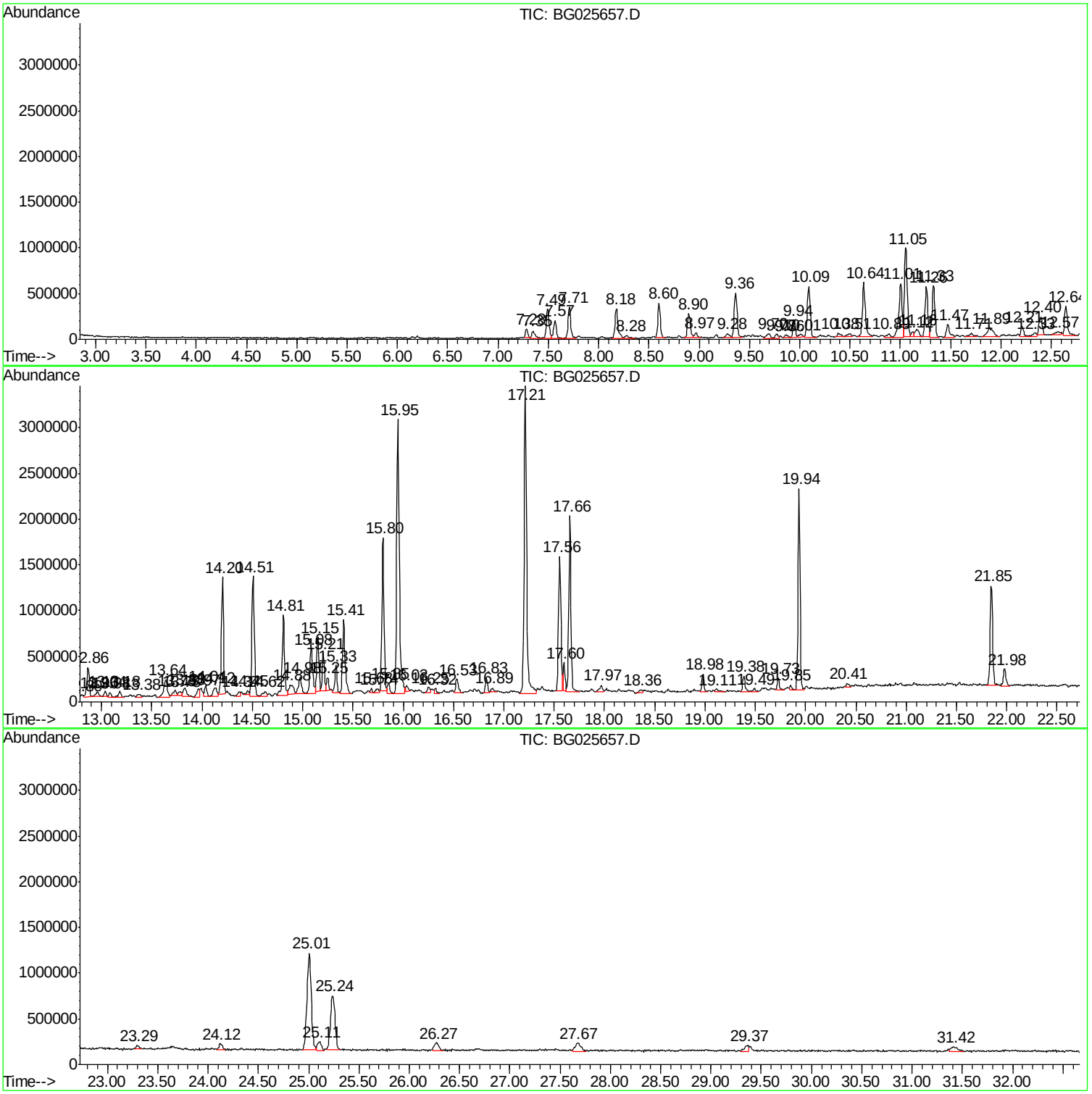
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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 : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

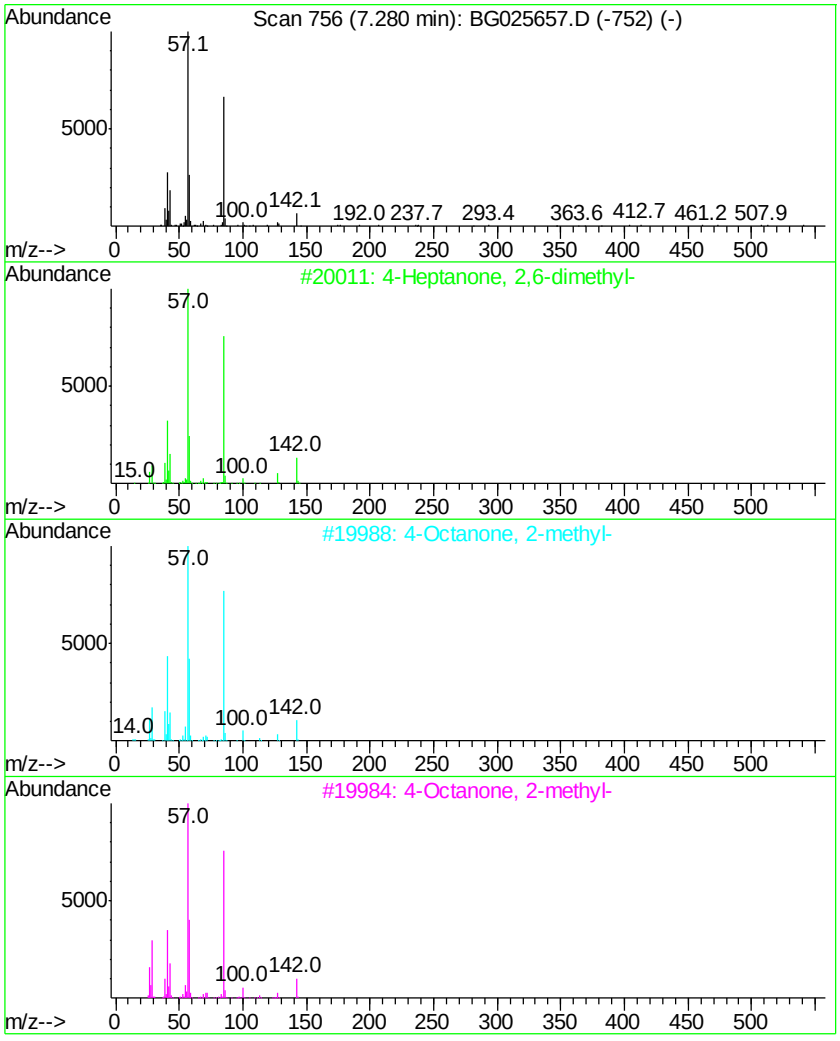
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

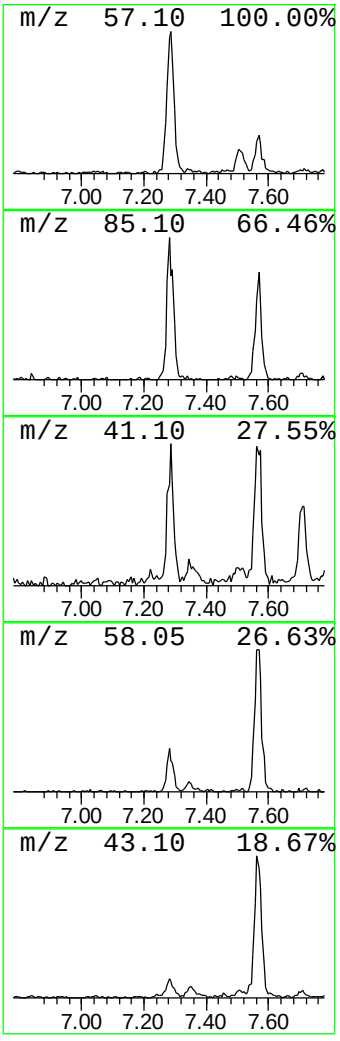
****

Peak Number 1 4-Heptanone, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	4.69 ng/ul	154830	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	74
2	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	58
3	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	58
4	Thiopivalic acid	118	C5H10OS	055561-02-9	50
5	t-Butyl isobutyl ketone	142	C9H18O	014705-50-1	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

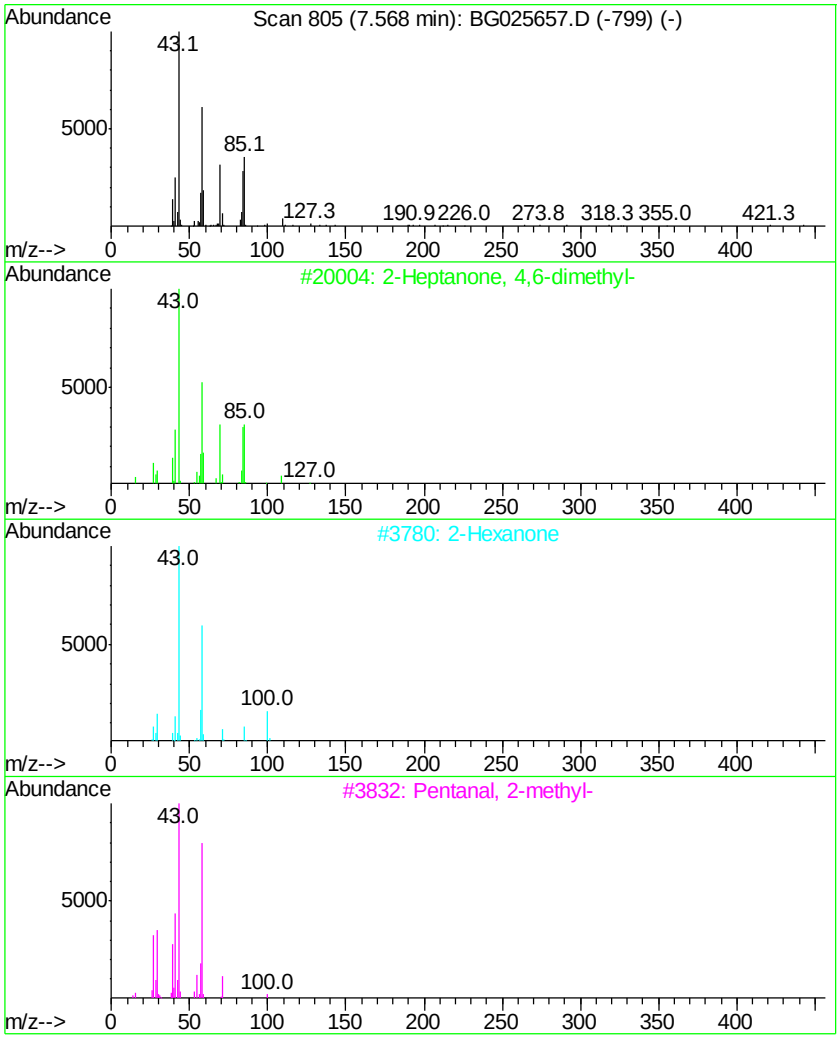
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

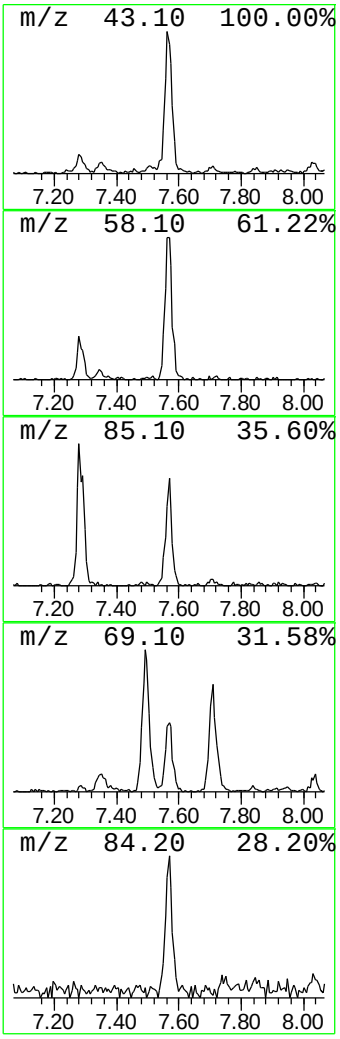
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	11.23 ng/ul	371083	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	83
2	2-Hexanone	100	C6H12O	000591-78-6	47
3	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	38
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
5	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
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Misc :
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Instrument : BNA_G
ClientSampleId : DA9R9

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

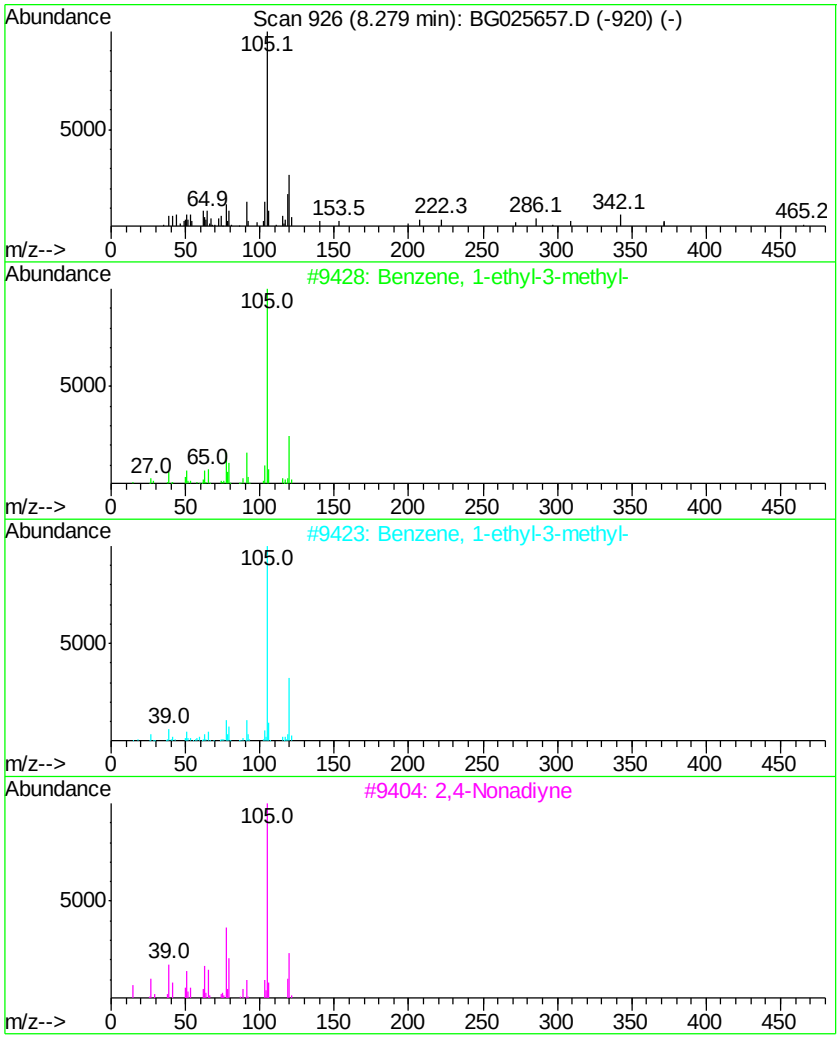
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

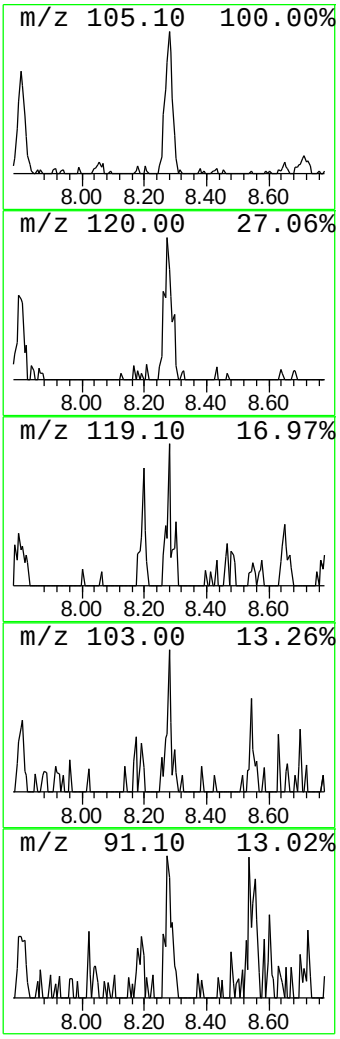
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	2.63 ng/ul	87025	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	55
3	2,4-Nonadiyne	120	C9H12	063621-15-8	50
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	49
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

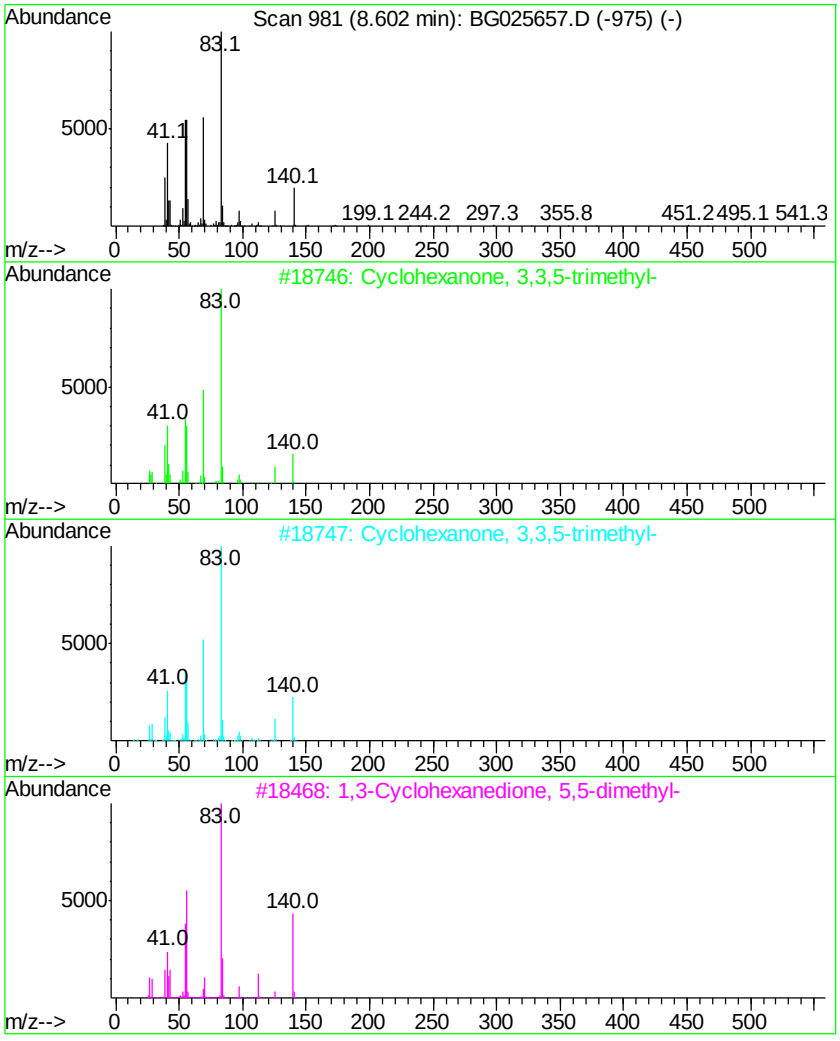
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

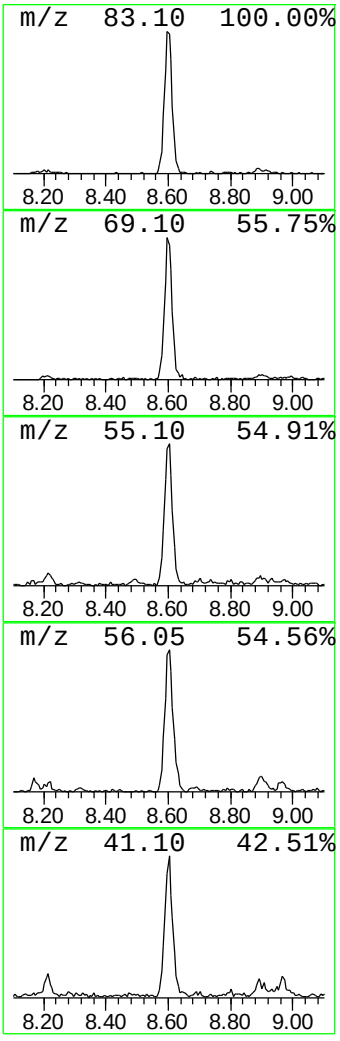
****

Peak Number 4 Cyclohexanone, 3,3,5-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	20.82 ng/ul	688029	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	86
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	74
3	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	64
4	Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	50
5	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

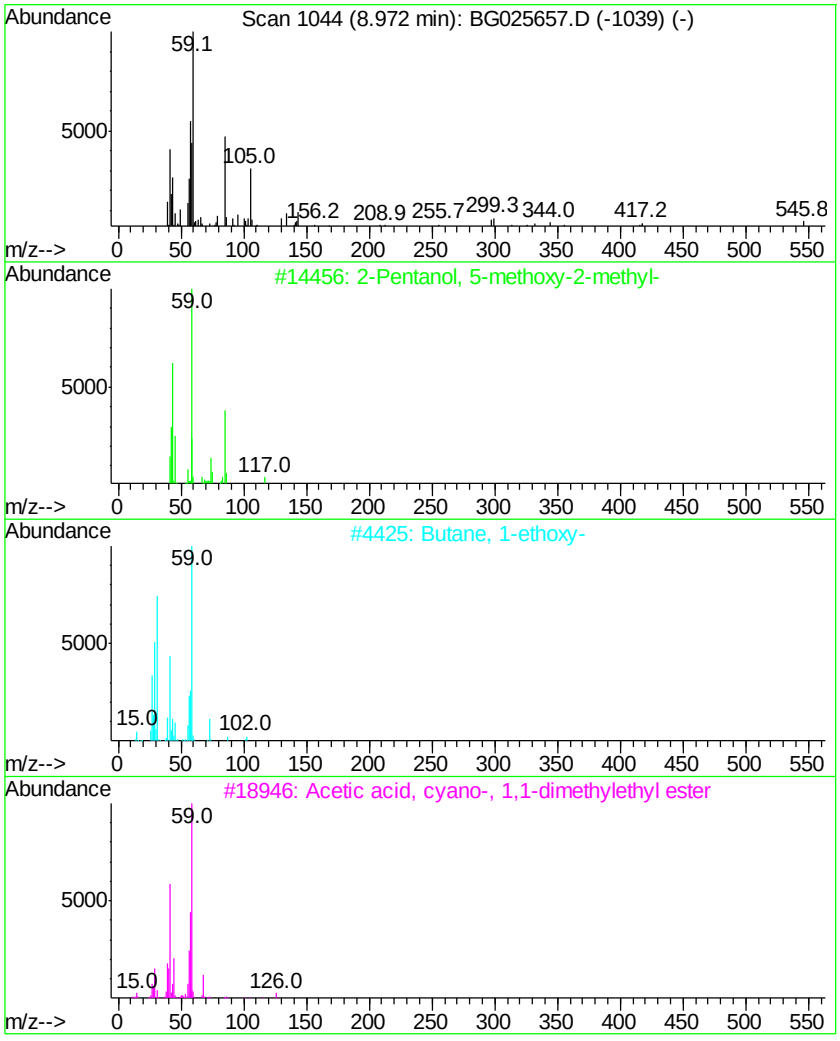
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

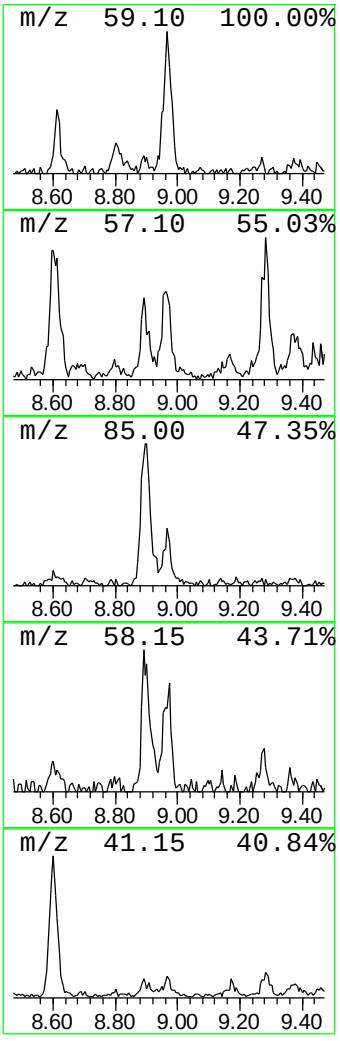
****

Peak Number 5 2-Pentanol, 5-methoxy-2-met... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	2.82 ng/ul	93349	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 5-methoxy-2-methyl-	132	C7H16O2	055724-04-4	53
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38
4	3-Heptadecanol	256	C17H36O	084534-30-5	37
5	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	25





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Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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Quant Title : SVOA CALIBRATION

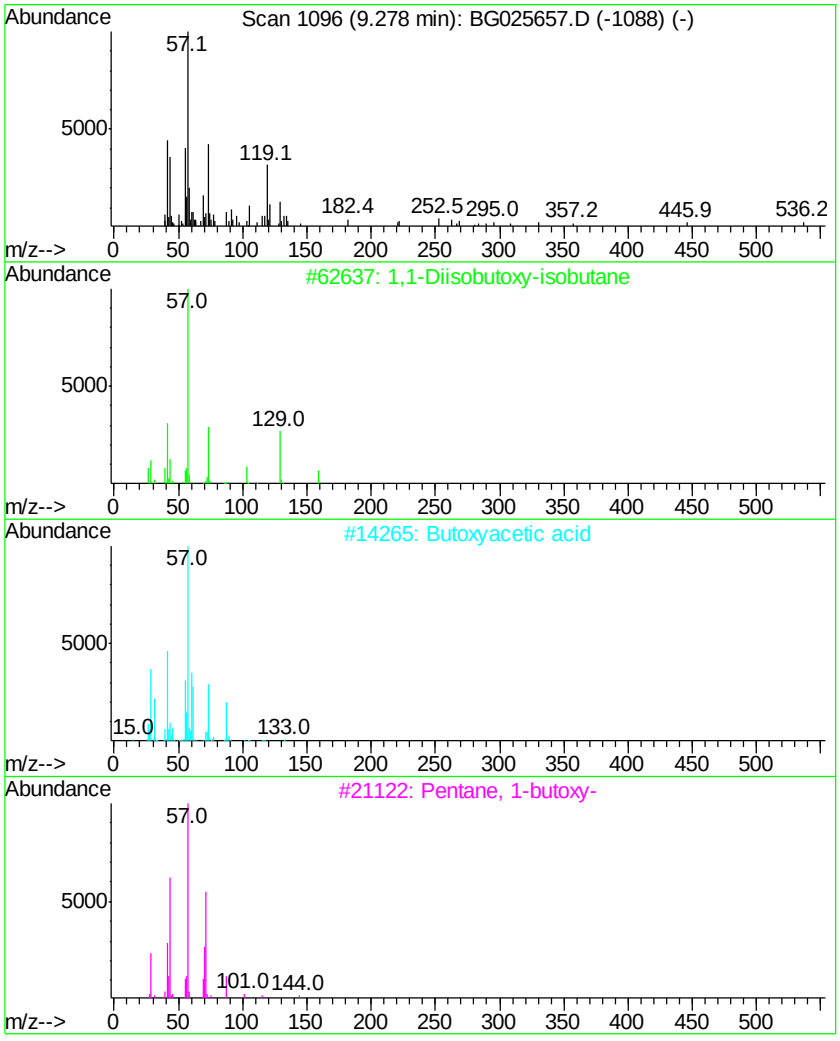
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

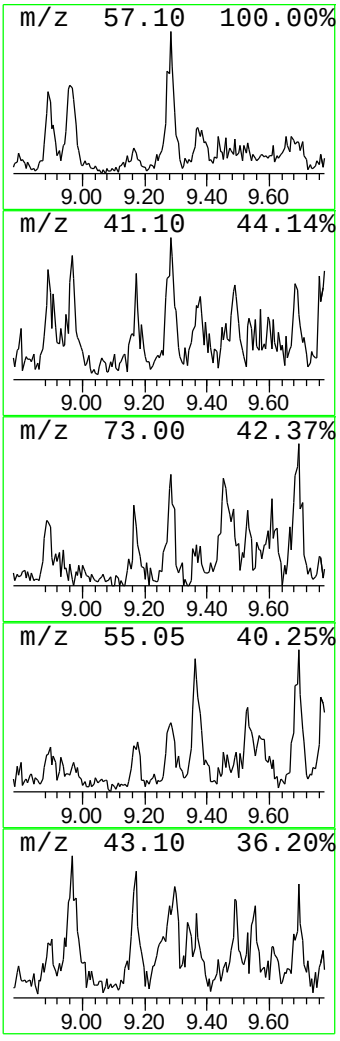
****

Peak Number 6 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	3.13 ng/ul	103465	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Diisobutoxy-isobutane	202	C12H26O2	013262-24-3	38
2	Butoxyacetic acid	132	C6H12O3	002516-93-0	28
3	Pentane, 1-butoxy-	144	C9H20O	018636-66-3	27
4	3-tert-Butylsulfanyl-3-fluoro-2-...	274	C10H14F4O2S	1000275-94-3	16
5	1-Pentene, 4,4-dimethyl-	98	C7H14	000762-62-9	14





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Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

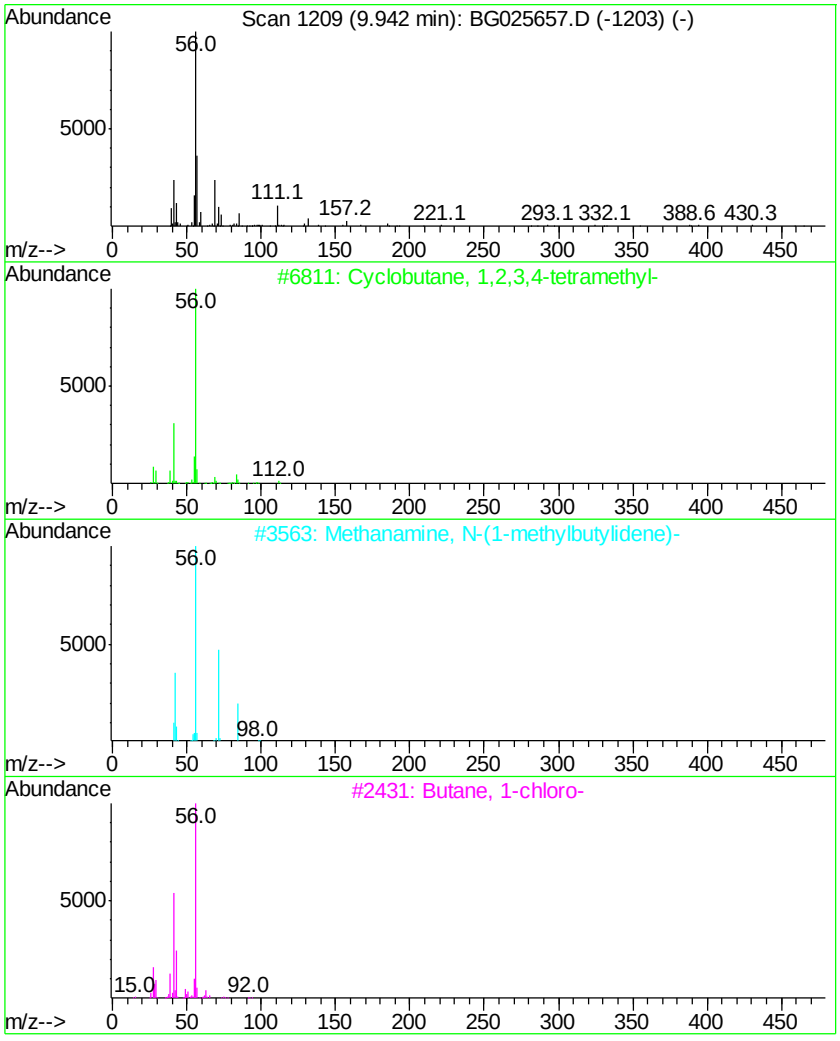
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

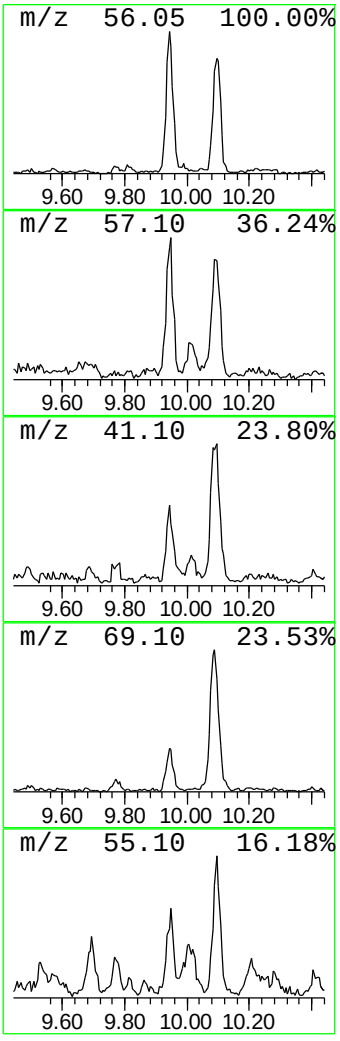
****

Peak Number 7 (DEL) Alkane: Cyclic9.94 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	4.37 ng/ul	294586	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	47
2	Methanamine, N-(1-methylbutylide...	99	C6H13N	022431-09-0	9
3	Butane, 1-chloro-	92	C4H9Cl	000109-69-3	9
4	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	9
5	m-Dioxane, 4,5,5-trimethyl-	130	C7H14O2	006301-68-4	9





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Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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Quant Title : SVOA CALIBRATION

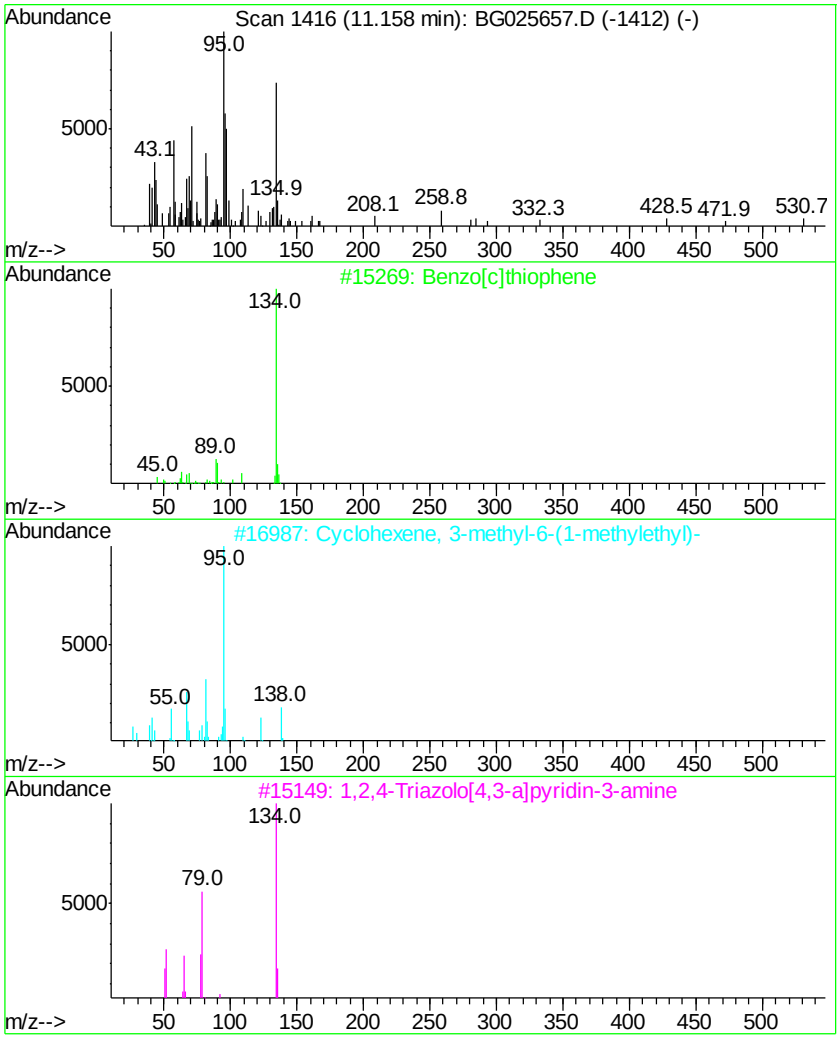
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

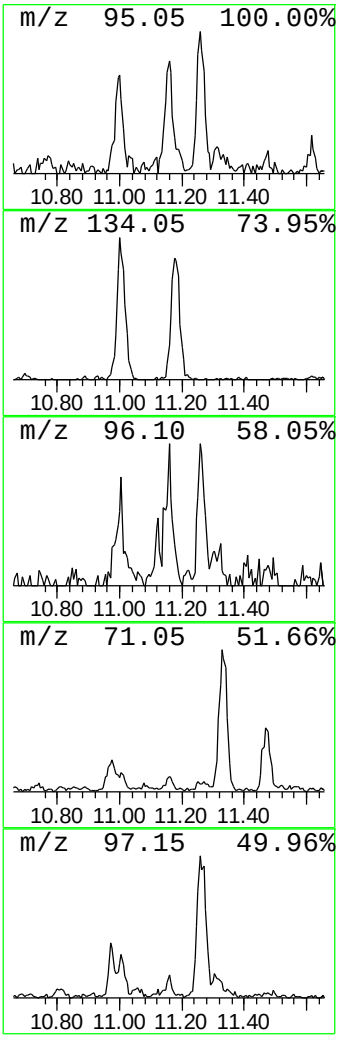
****

Peak Number 8 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	3.31 ng/ul	223078	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	10
2	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	10
3	1,2,4-Triazolo[4,3-a]pyridin-3-a...	134	C6H6N4	000767-62-4	10
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	10
5	2-Methylvaleric acid, cyclohexyl...	212	C13H24O2	1000357-76-0	10





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Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

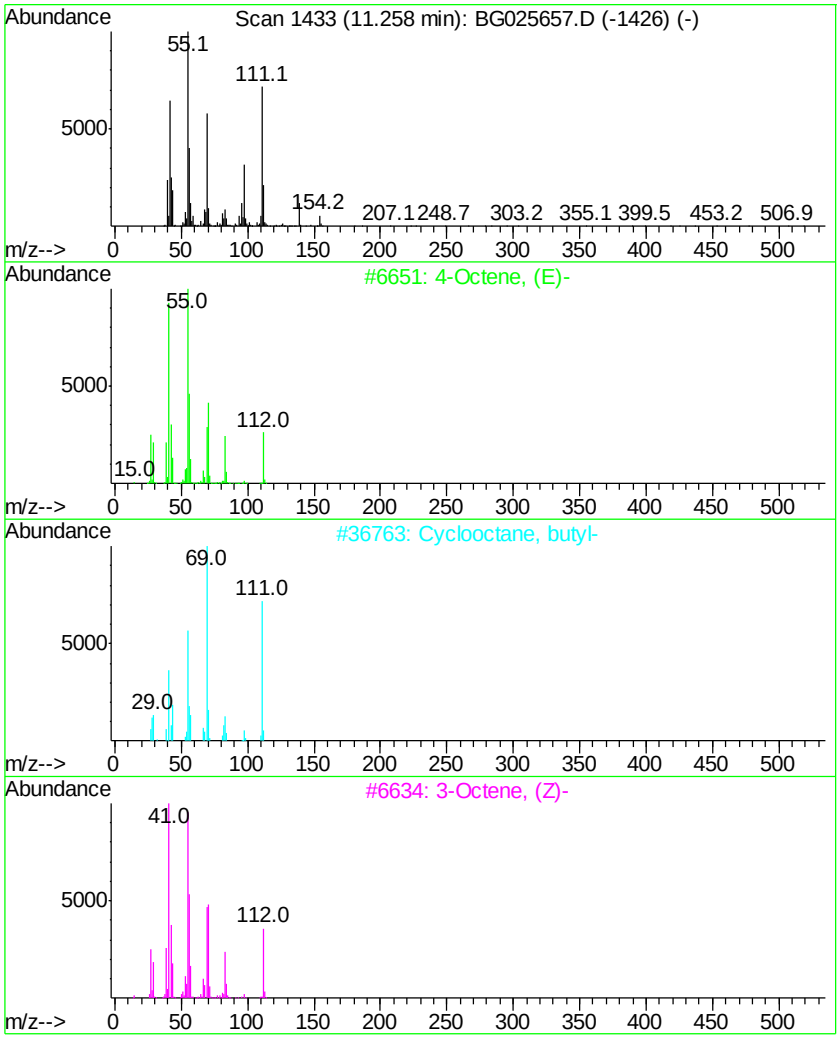
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

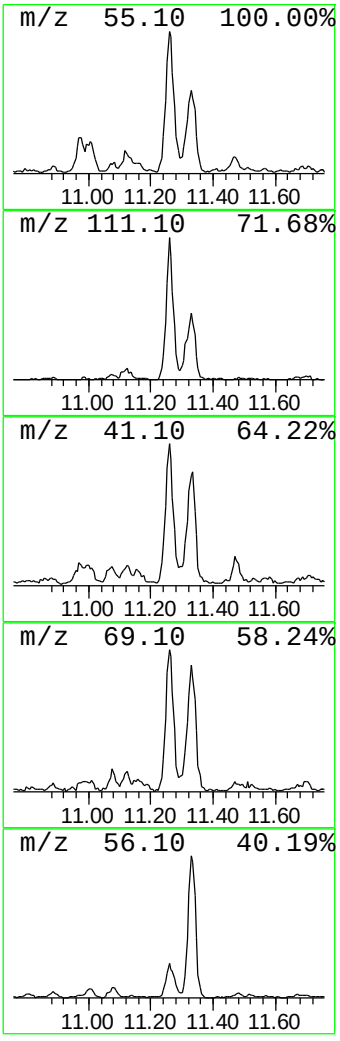
****

Peak Number 9 (DEL) Alkane: Cyclic11.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	15.58 ng/ul	1051060	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, (E)-	112	C8H16	014850-23-8	46
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	43
3	3-Octene, (Z)-	112	C8H16	014850-22-7	43
4	4-Octene, (Z)-	112	C8H16	007642-15-1	38
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	27





Library Search Compound Report

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Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

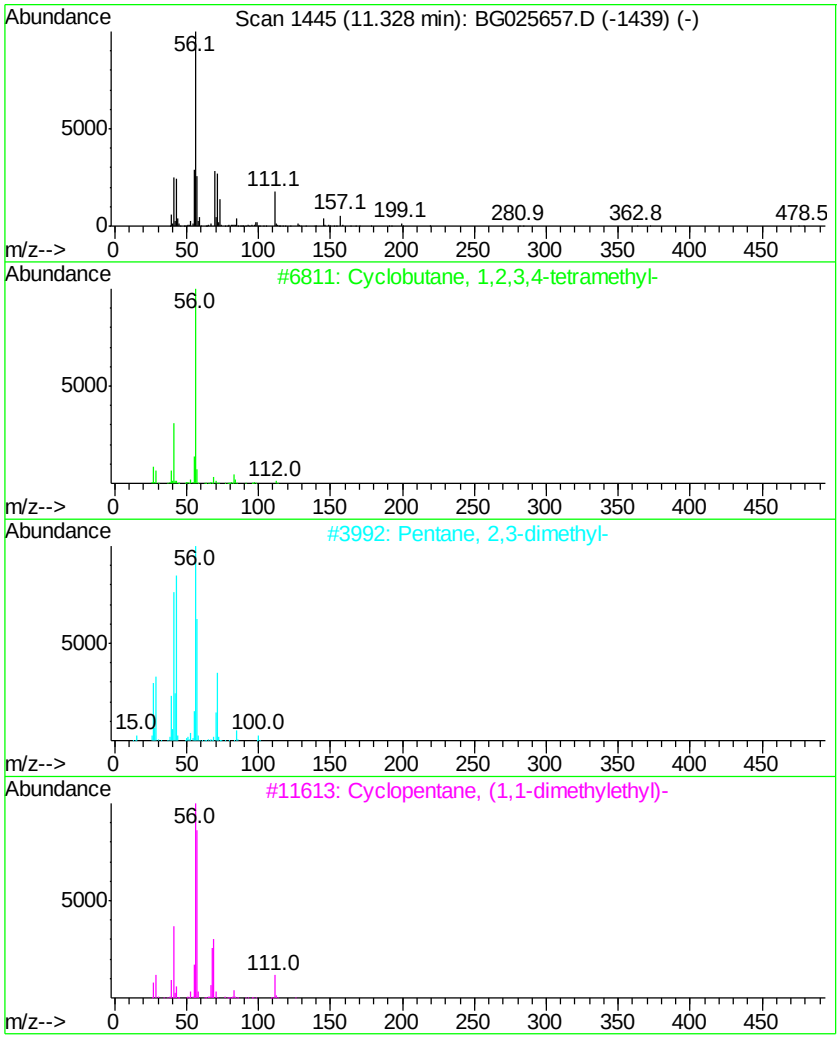
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

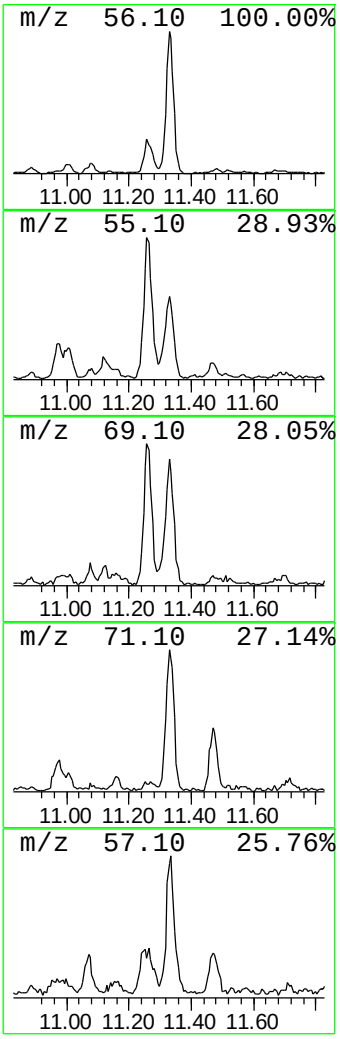
****

Peak Number 10 (DEL) Alkane: Cyclic11.33 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	16.27 ng/ul	1097610	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 1,2,3,4-tetramethyl-	112	C8H16	069531-57-3	43
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	34
3	Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	28
4	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	27
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	25





Library Search Compound Report

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Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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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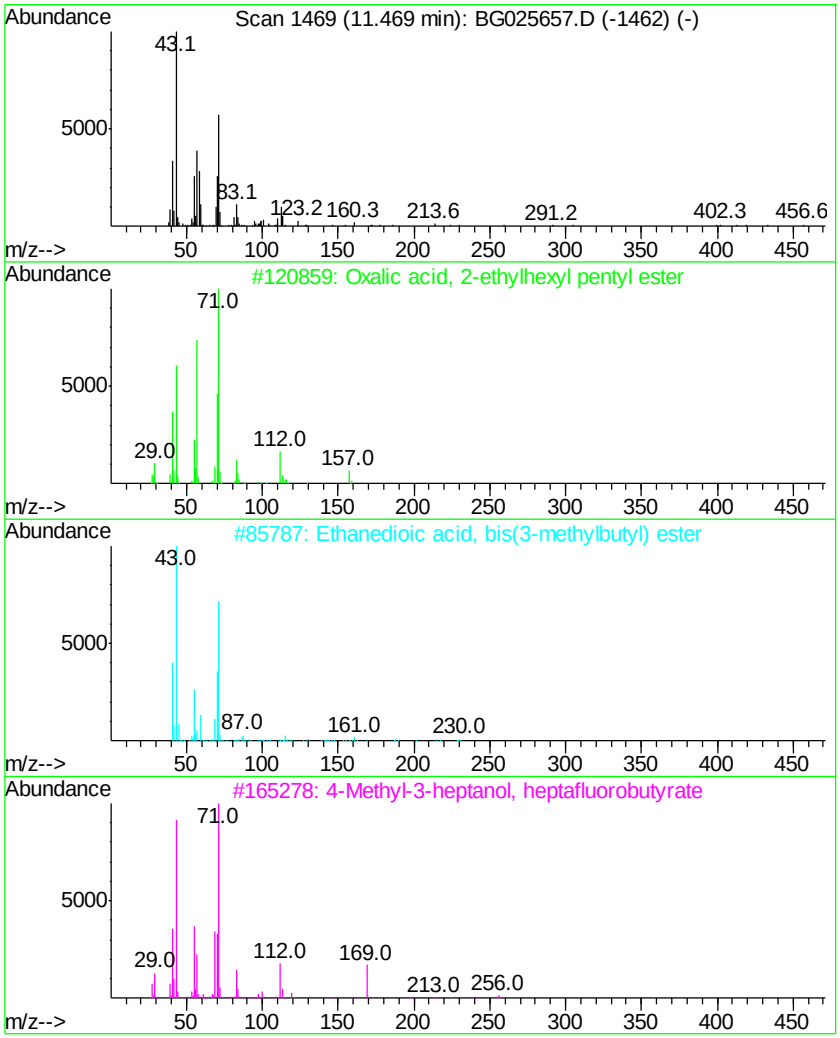
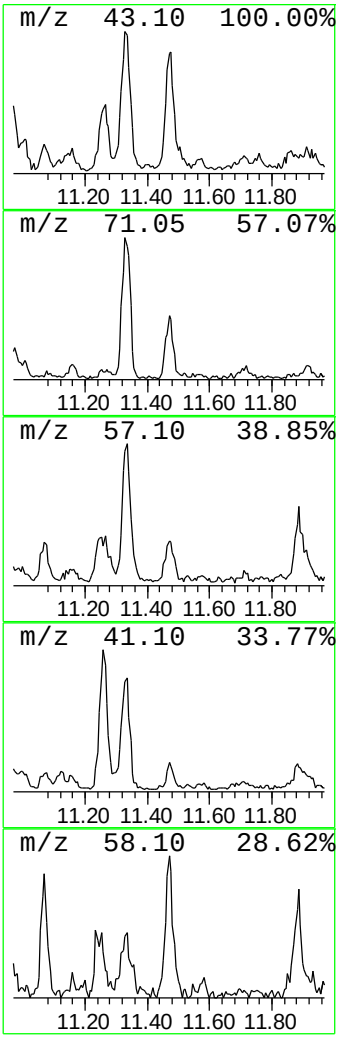
Peak Number 11 Oxalic acid, 2-ethylhexyl p... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	4.78 ng/ul	322155	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	50
2	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	49
3	4-Methyl-3-heptanol, heptafluoro...	326	C12H17F7O2	1000365-51-5	47
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	43
5	Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	38





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Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

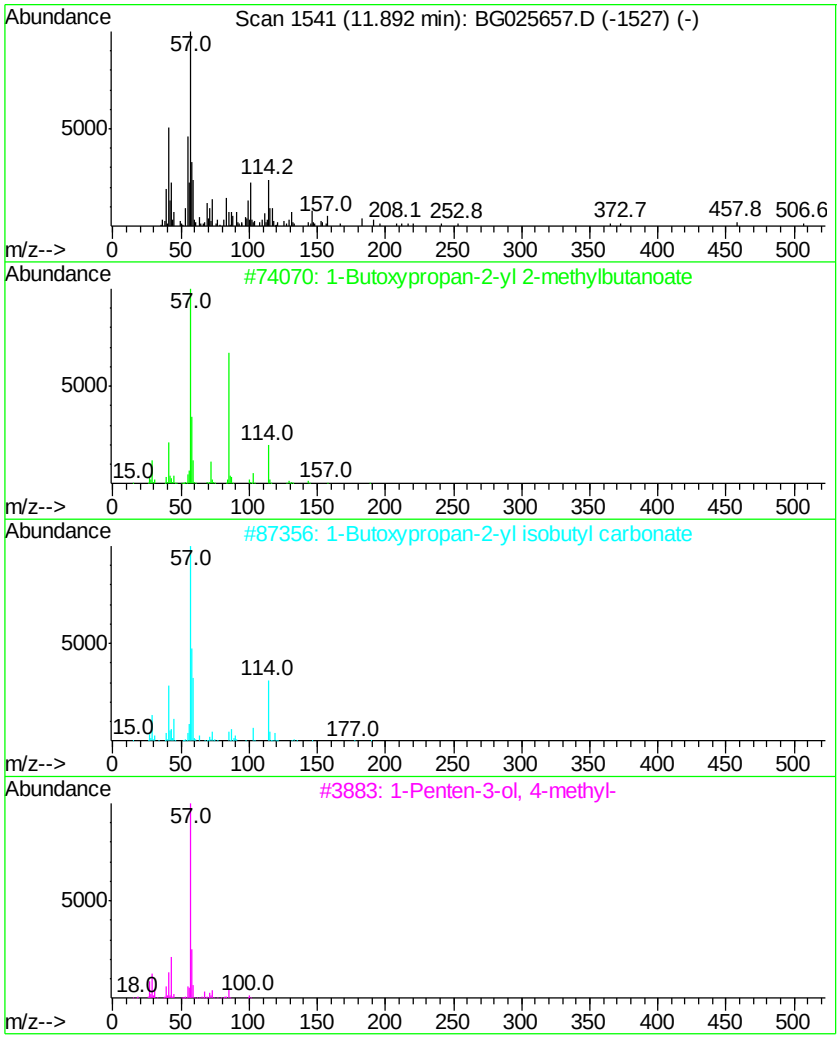
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

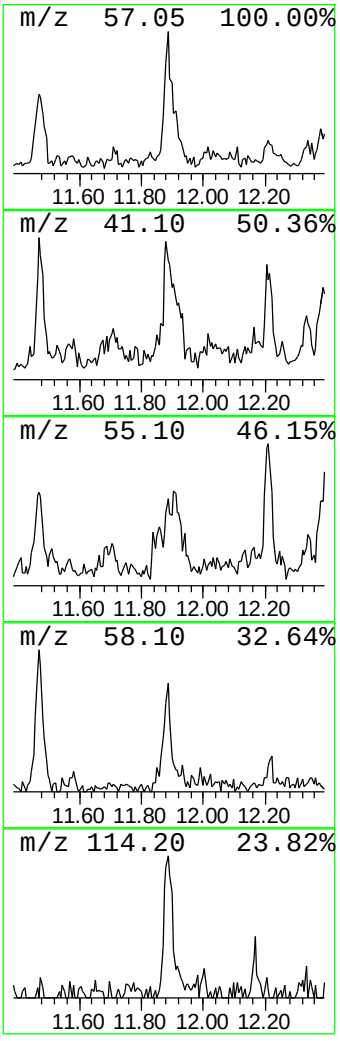
****

Peak Number 12 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.33 ng/ul	426805	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butoxypropan-2-yl 2-methylbuta...	216	C12H24O3	1000367-09-4	38
2	1-Butoxypropan-2-yl isobutyl car...	232	C12H24O4	1000378-27-6	32
3	1-Penten-3-ol, 4-methyl-	100	C6H12O	004798-45-2	27
4	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	22
5	Formic acid, neopentyl ester	116	C6H12O2	1000367-90-3	14





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Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

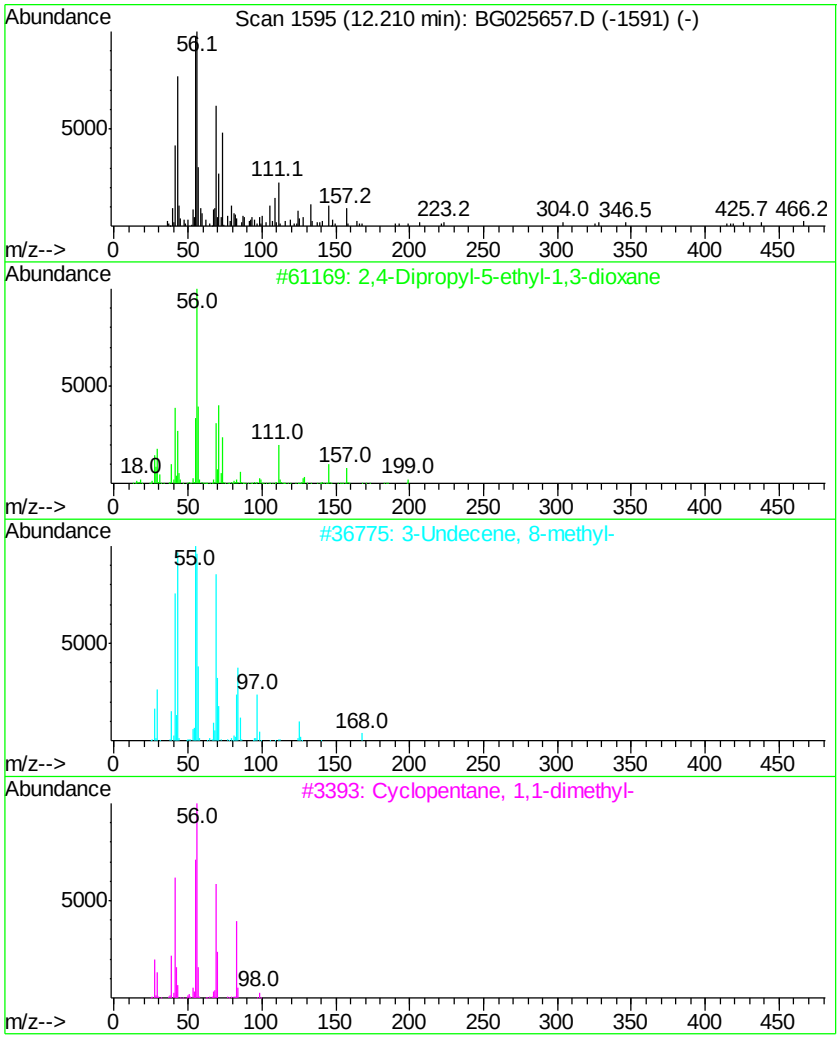
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

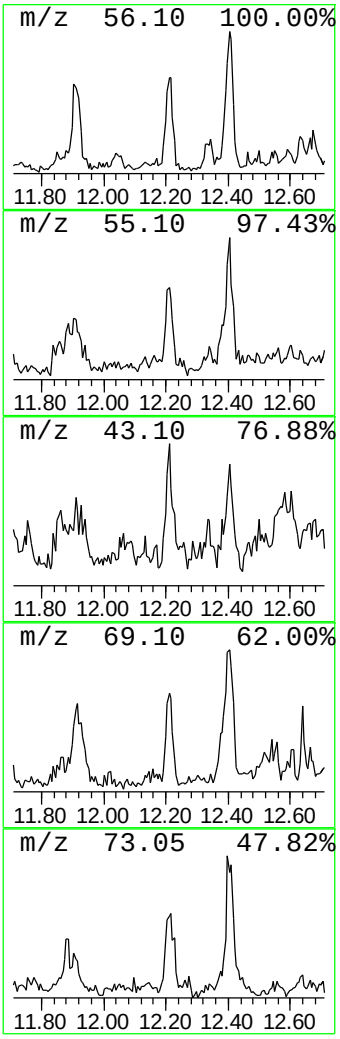
****

Peak Number 13 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.91 ng/ul	196488	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	64
2	3-Undecene, 8-methyl-	168	C12H24	1000061-84-4	47
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	47
4	1-Octene, 7-methyl-	126	C9H18	013151-06-9	47
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	47





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Sample : I1387-10
Misc :
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Instrument : BNA_G
ClientSampleId : DA9R9

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Quant Title : SVOA CALIBRATION

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

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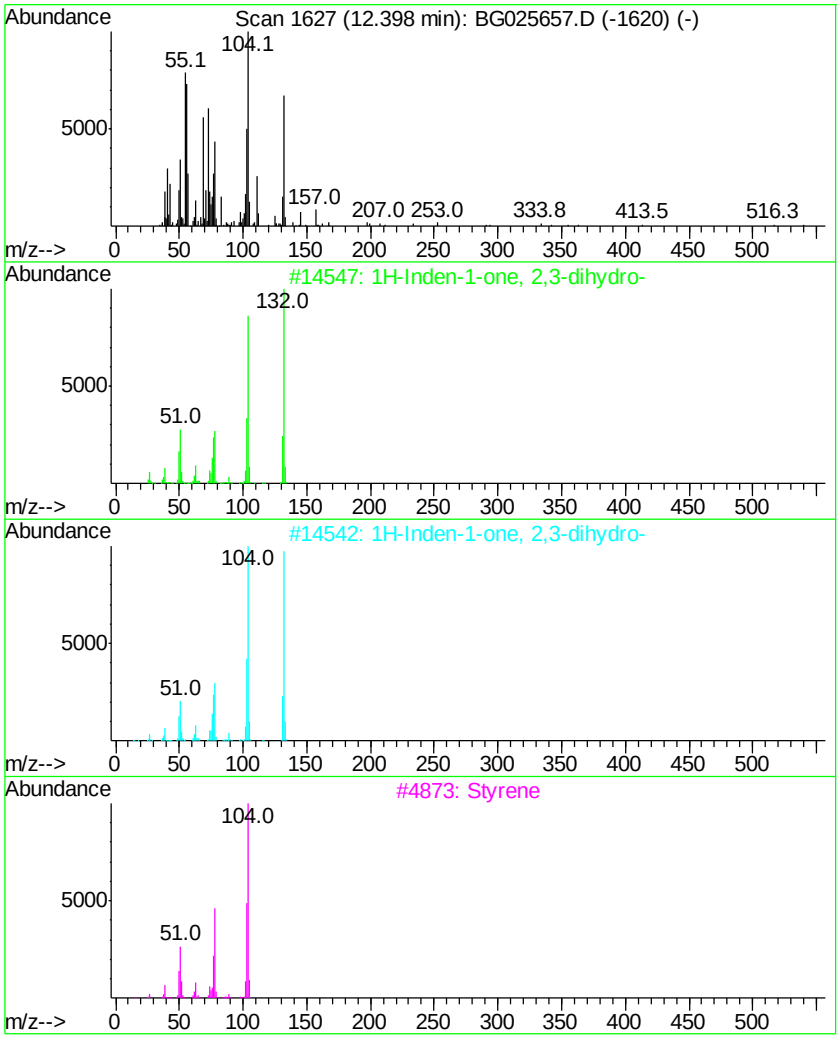
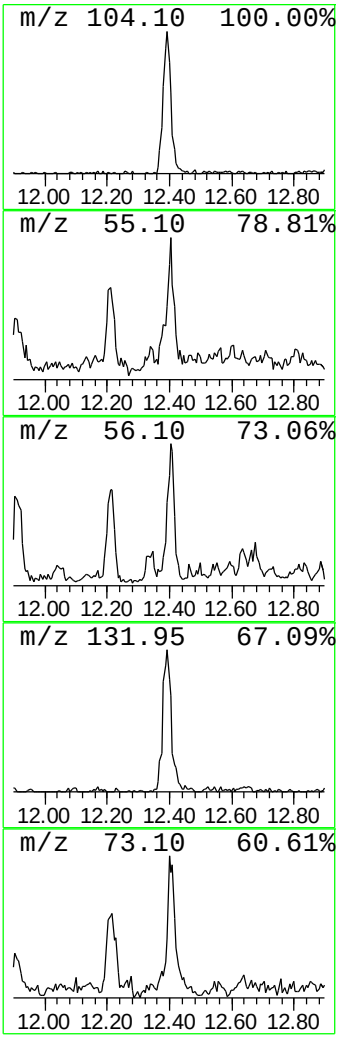
Peak Number 14 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	6.42 ng/ul	432985	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	91
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	76
3	Styrene	104	C8H8	000100-42-5	60
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	55
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50





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Instrument : BNA_G
ClientSampleId : DA9R9

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Quant Title : SVOA CALIBRATION

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

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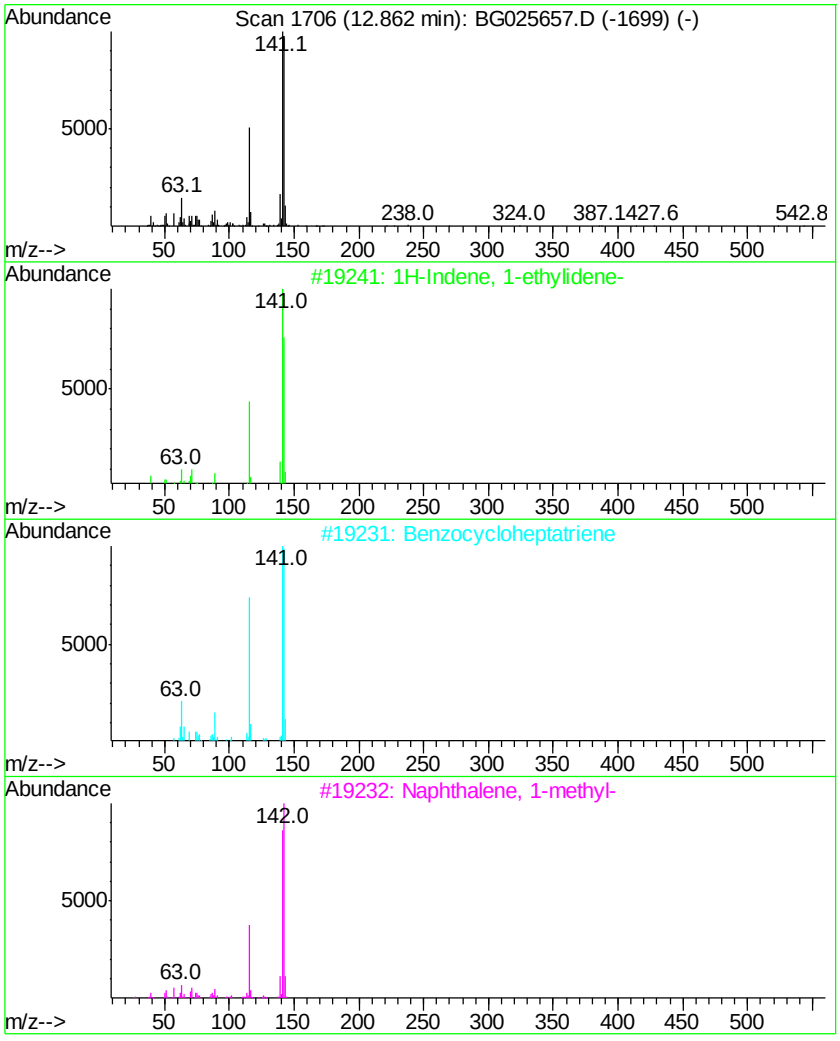
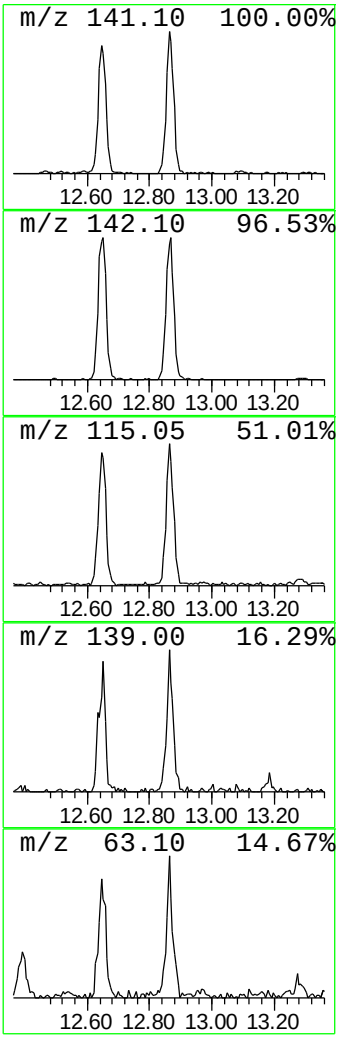
Peak Number 15 1H-Indene, 1-ethylidene- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	8.57 ng/ul	578261	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
2	Benzocycloheptatriene	142	C11H10	000264-09-5	93
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





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Quant Title : SVOA CALIBRATION

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

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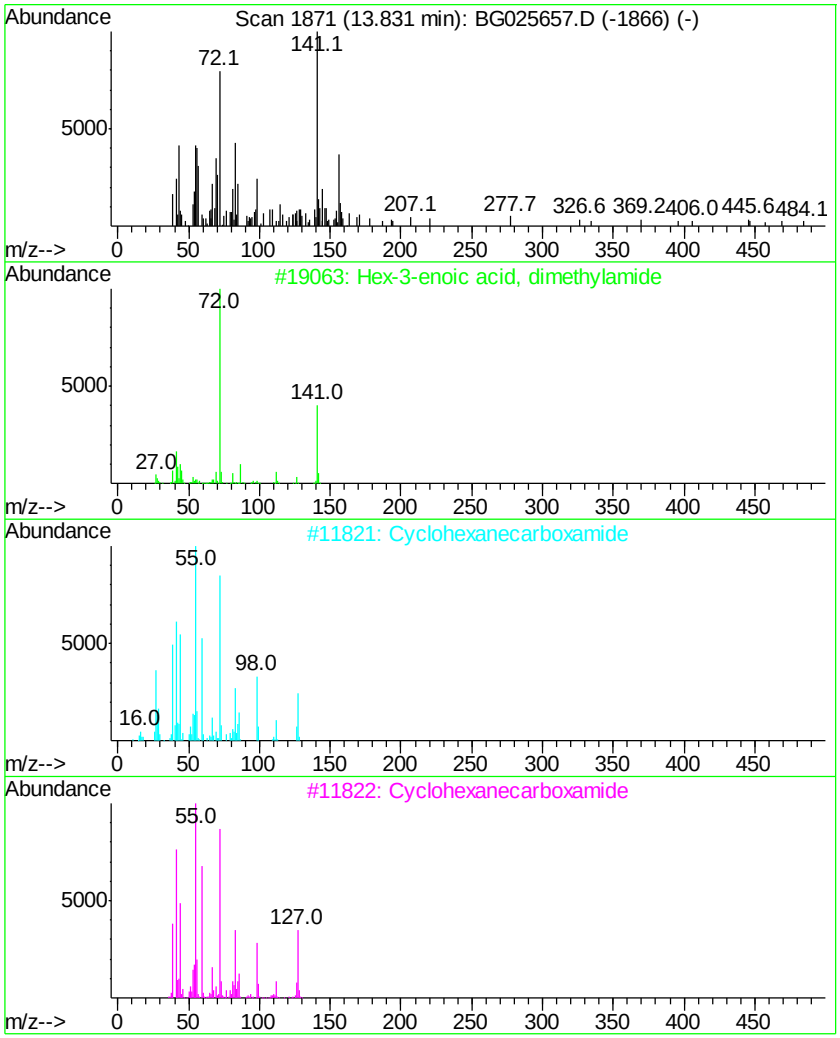
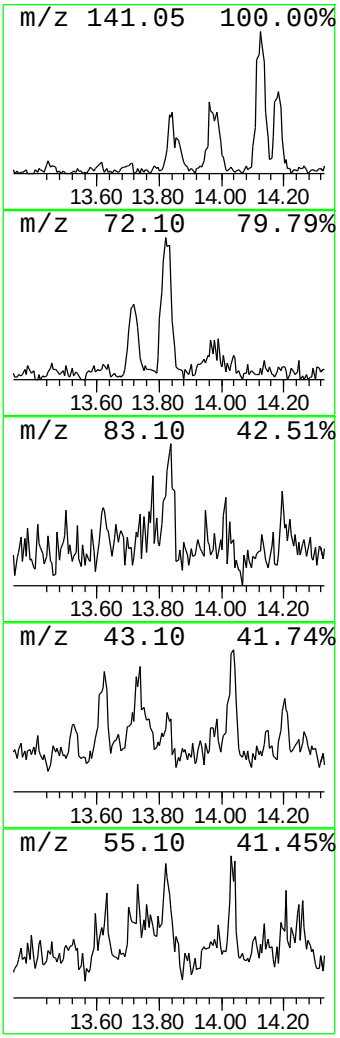
Peak Number 16 unknown-04 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.49 ng/ul	190410	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hex-3-enoic acid, dimethylamide	141	C8H15NO	1000192-83-0	35
2	Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	35
3	Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	25
4	3-Octen-2-one, 4-methoxy-	156	C9H16O2	024985-52-2	25
5	3,6-Diisopropyl-2,5-dioxomorpholine	199	C10H17NO3	002503-09-5	22





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Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

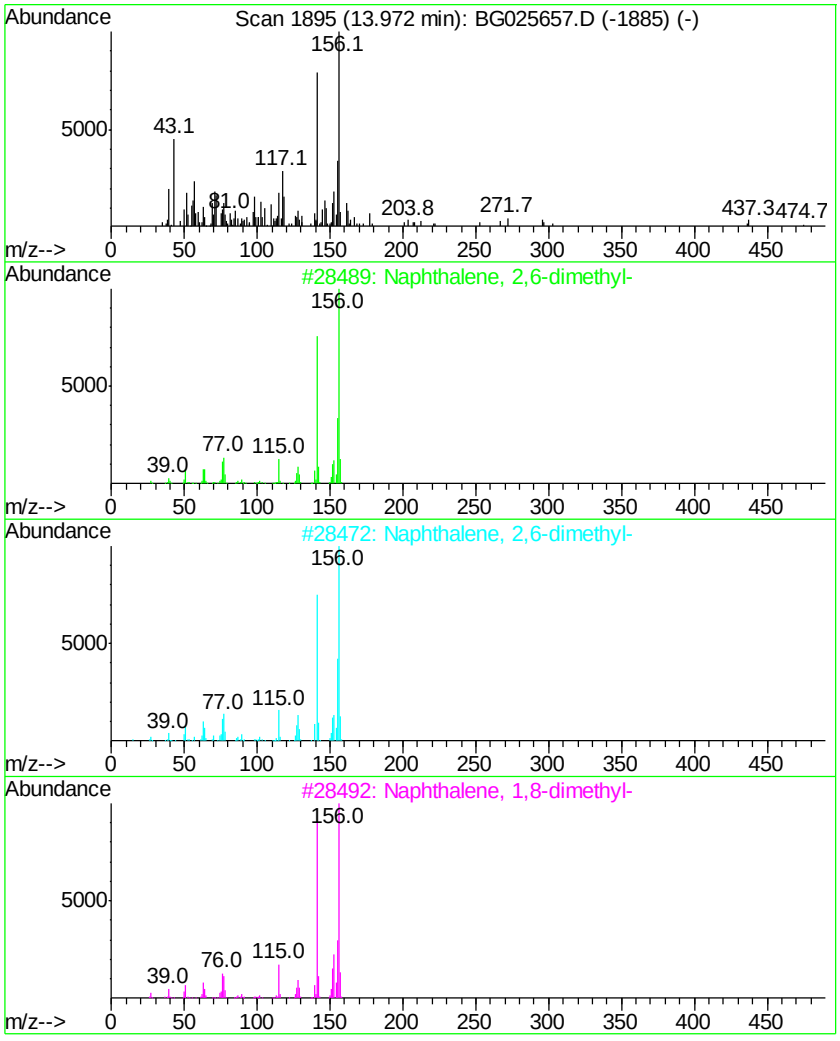
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

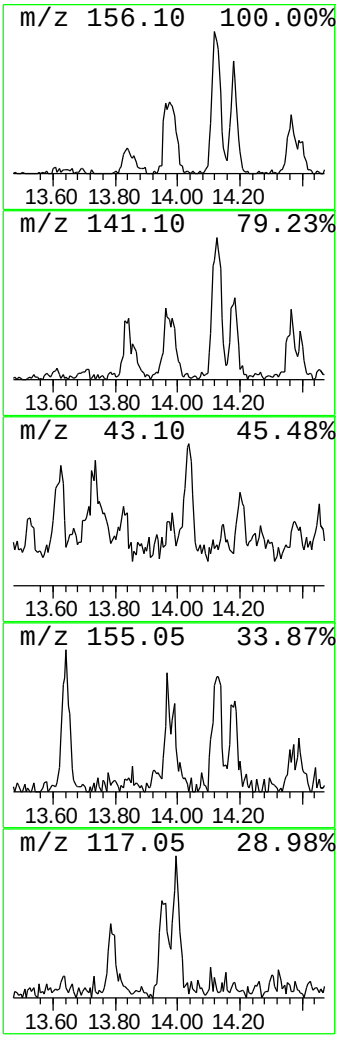
****

Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.12 ng/ul	161762	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	55
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	53
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	50
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	50
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

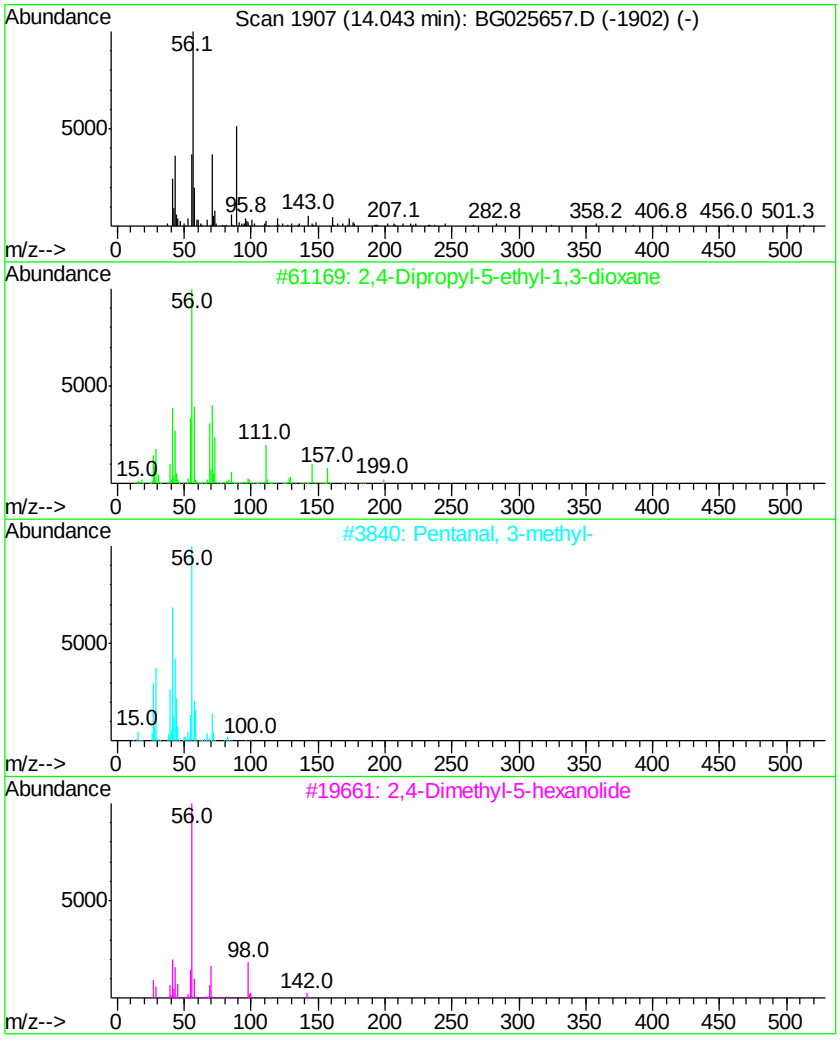
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

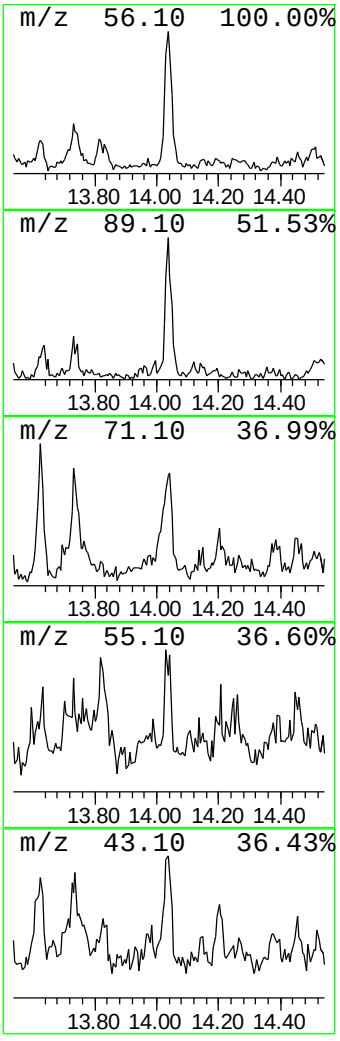
****

Peak Number 18 unknown-05 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.46 ng/ul	188291	Acenaphthene-d10	14.81

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	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	37
3	2,4-Dimethyl-5-hexanolide	142	C8H14O2	1000360-40-9	35
4	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	23
5	Oxetane, 2,3,4-trimethyl-, (2.al...	100	C6H12O	032347-12-9	23





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Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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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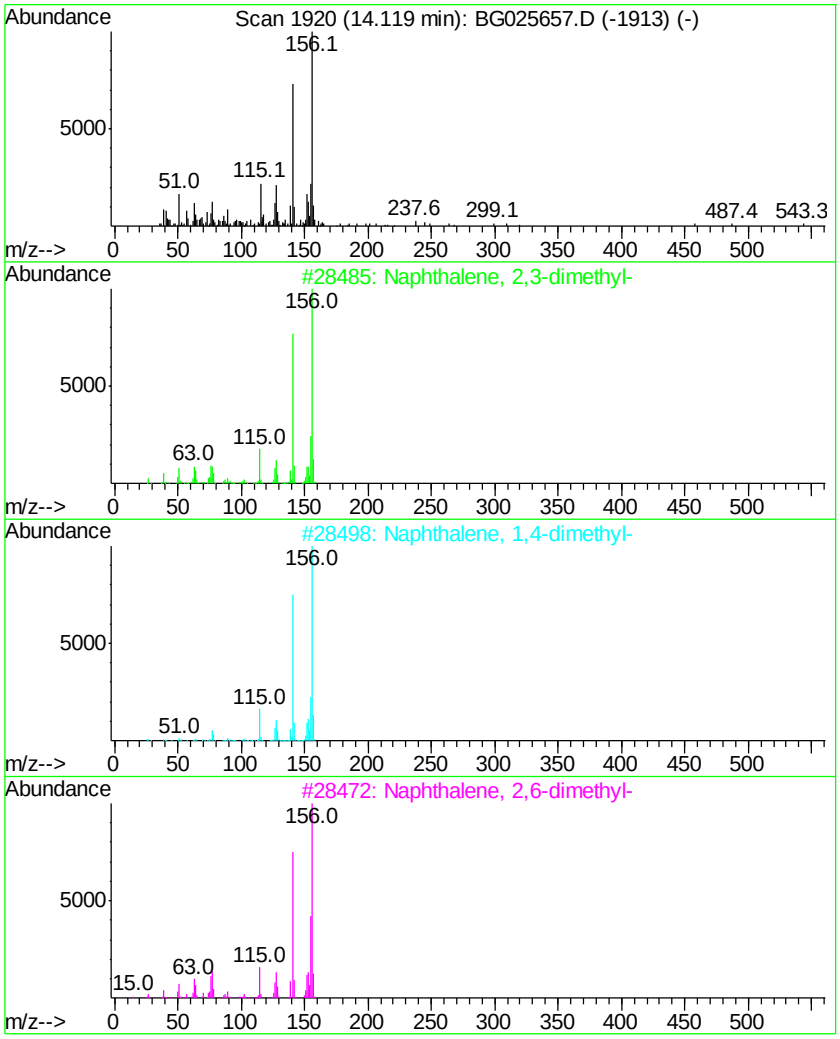
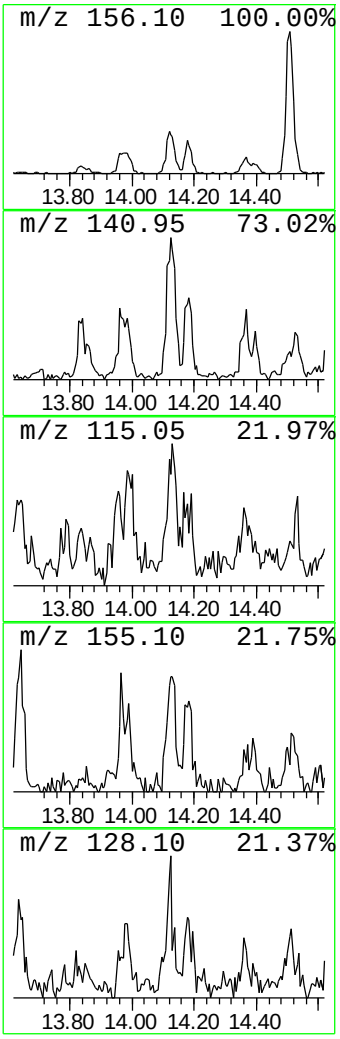
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	3.39 ng/ul	258766	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	89
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	89
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87





Library Search Compound Report

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Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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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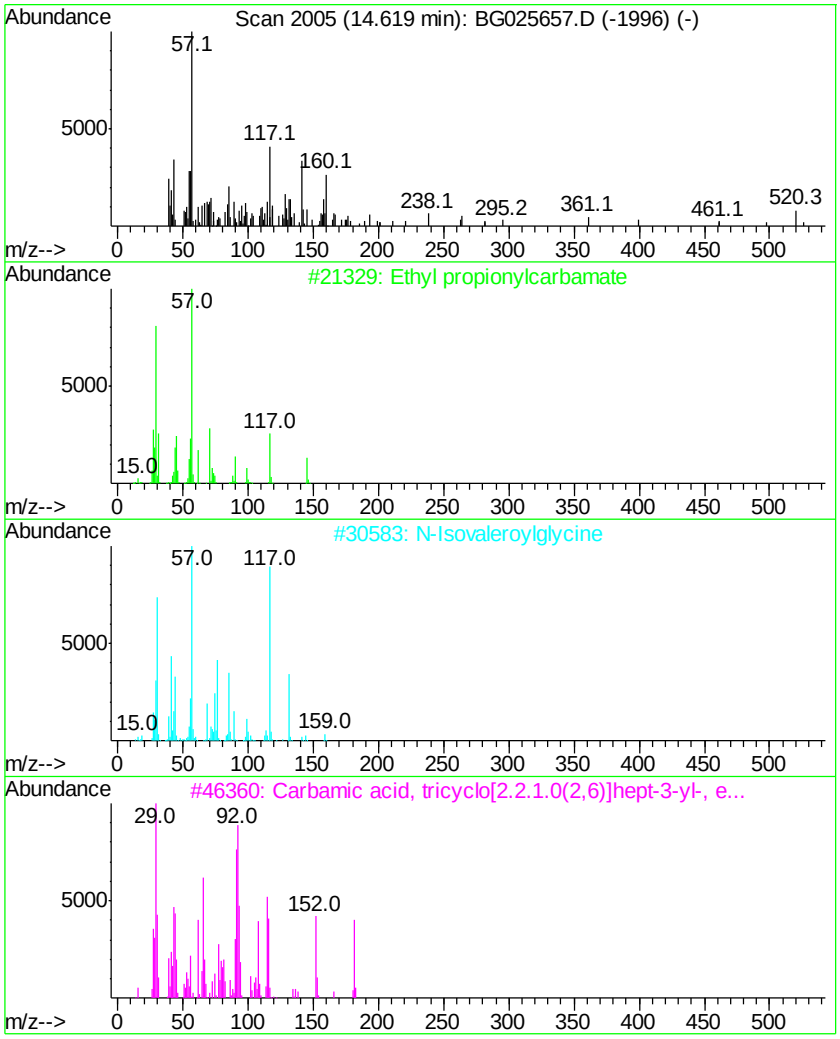
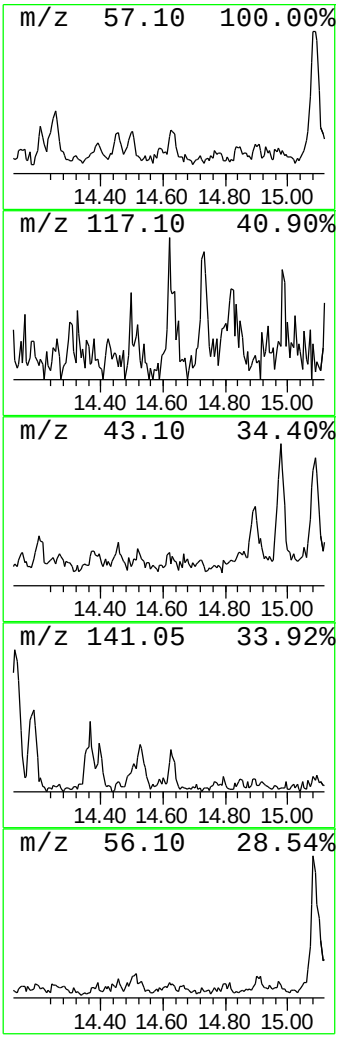
Peak Number 20 unknown-06 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.19 ng/ul	167449	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl propionylcarbamate	145	C6H11NO3	014789-91-4	10
2	N-Isovaleroylglycine	159	C7H13NO3	016284-60-9	10
3	Carbamic acid, tricyclo[2.2.1.0(...	181	C10H15NO2	000709-70-6	10
4	3-Hydroxy-2-methylglutaric acid ...	190	C8H14O5	085547-41-7	9
5	Maleic acid, di-t-butyl ester	228	C12H20O4	018305-60-7	9





Library Search Compound Report

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Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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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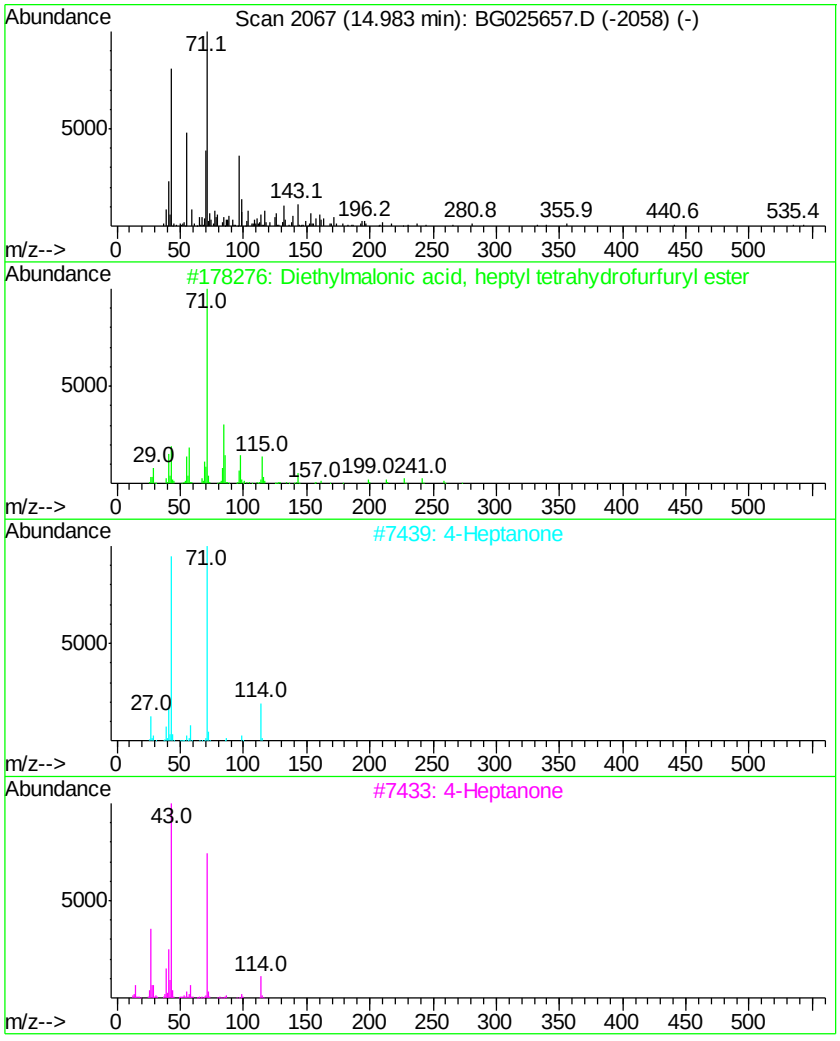
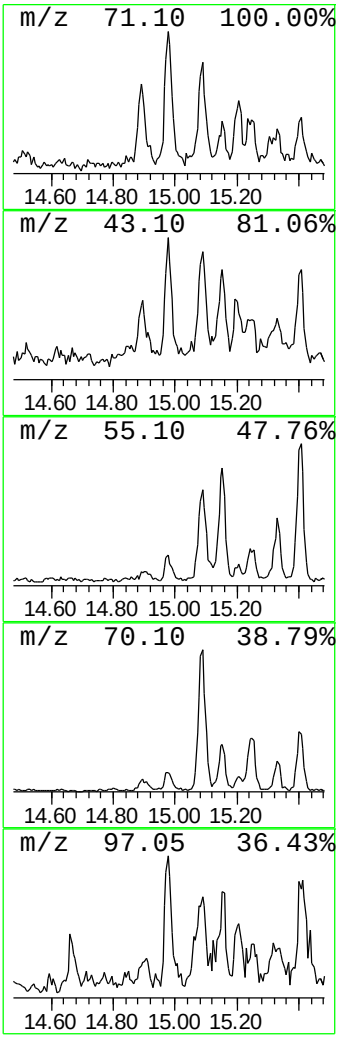
Peak Number 21 unknown-07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	5.07 ng/ul	387526	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylmalonic acid, heptyl tetr...	342	C19H34O5	1000370-64-2	47
2	4-Heptanone	114	C7H14O	000123-19-3	43
3	4-Heptanone	114	C7H14O	000123-19-3	43
4	5-Ethyl-3-nonen-6-one	168	C11H20O	1000374-06-6	43
5	Cyclopentanecarboxylic acid, 2-t...	198	C11H18O3	1000282-42-9	38





Library Search Compound Report

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Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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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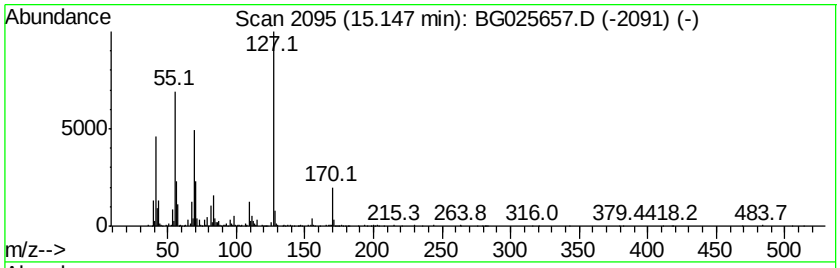
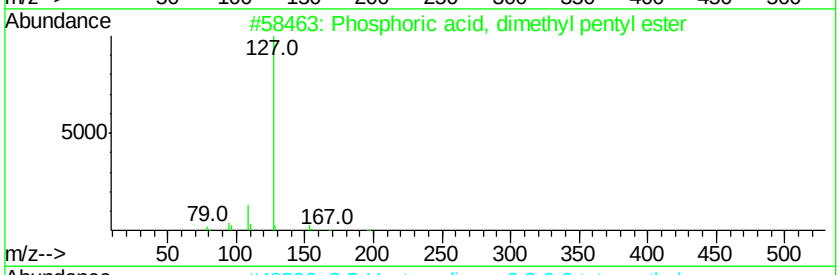
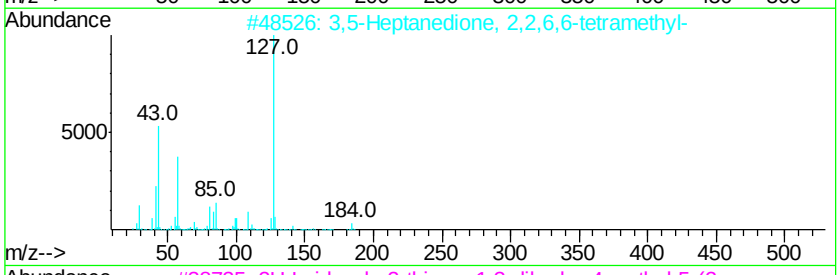
Peak Number 22 Phosphoric acid, dimethyl p... Concentration Rank 5

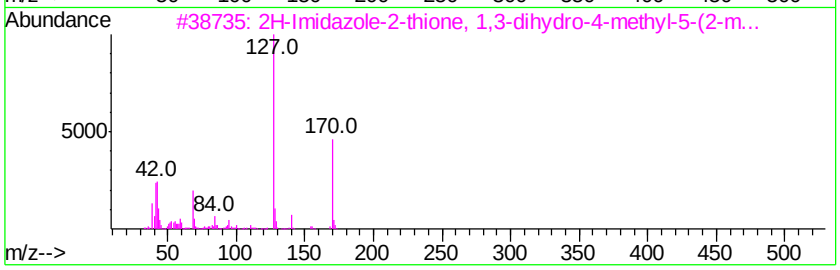
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	11.78 ng/ul	900234	Acenaphthene-d10	14.81

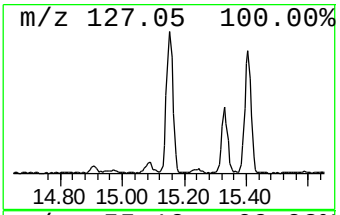
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, dimethyl pentyl...	196	C7H17O4P	055955-88-9	59
2	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	47
3	2H-Imidazole-2-thione, 1,3-dihyd...	170	C8H14N2S	1000351-66-3	47
4	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	47
5	1H-Imidazole, 1-methyl-5-nitro-	127	C4H5N3O2	003034-42-2	43

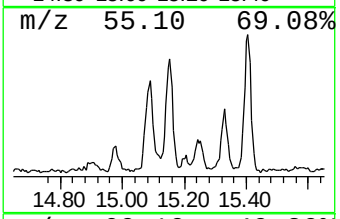


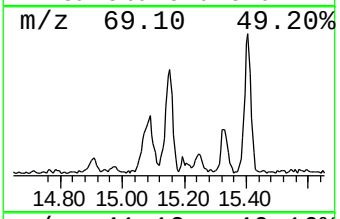


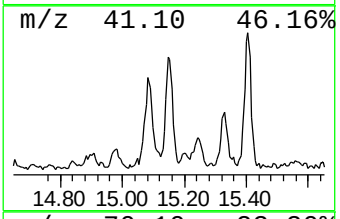


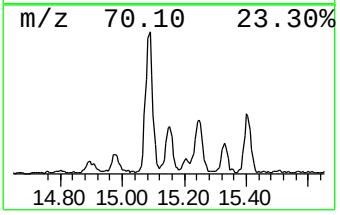












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Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

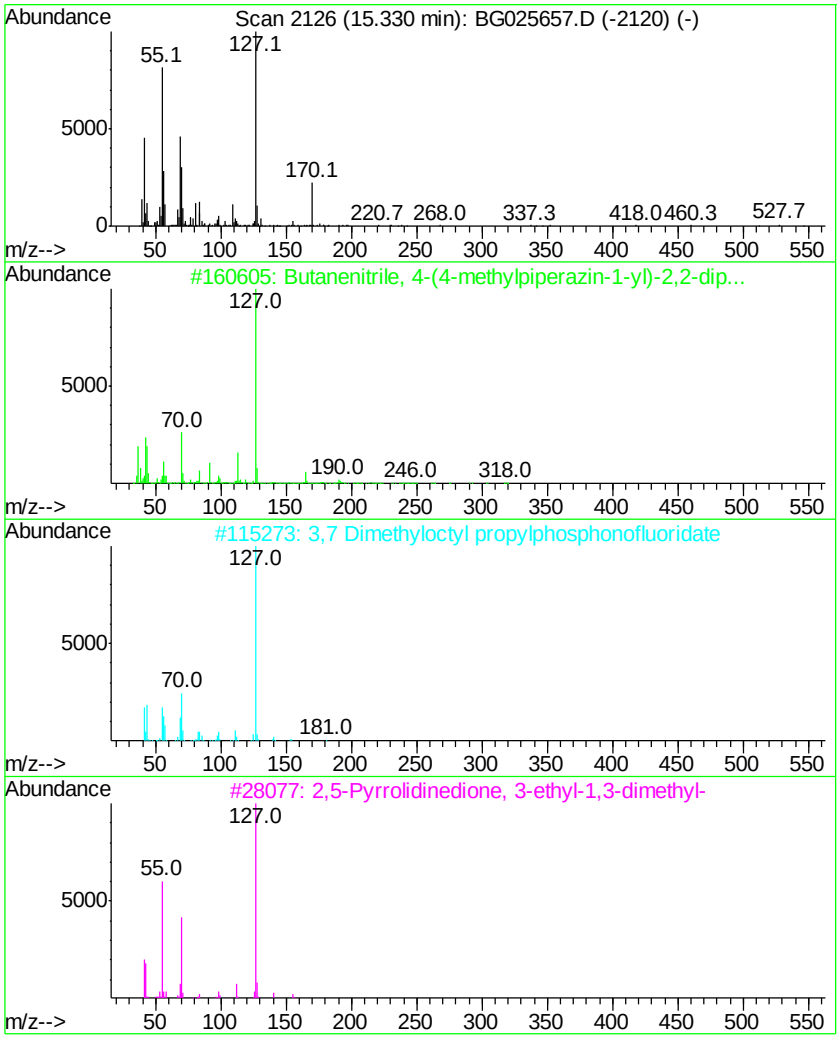
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

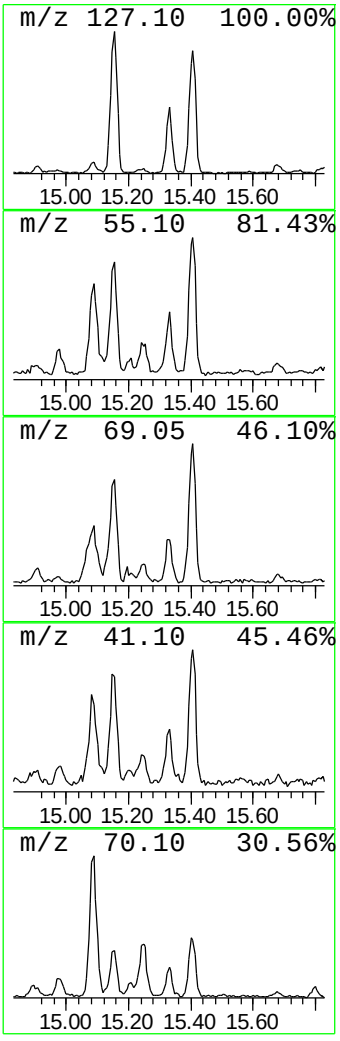
****

Peak Number 23 unknown-08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	5.72 ng/ul	436895	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanenitrile, 4-(4-methylpipera...	319	C21H25N3	102598-28-7	47
2	3,7 Dimethyloctyl propylphosphon...	266	C13H28FO2P	1000298-29-8	47
3	2,5-Pyrrolidinedione, 3-ethyl-1,...	155	C8H13NO2	013861-99-9	47
4	3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	43
5	Hexanoic acid, 5,5-dimethyl-2,4-...	200	C10H16O4	013395-36-3	38





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Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

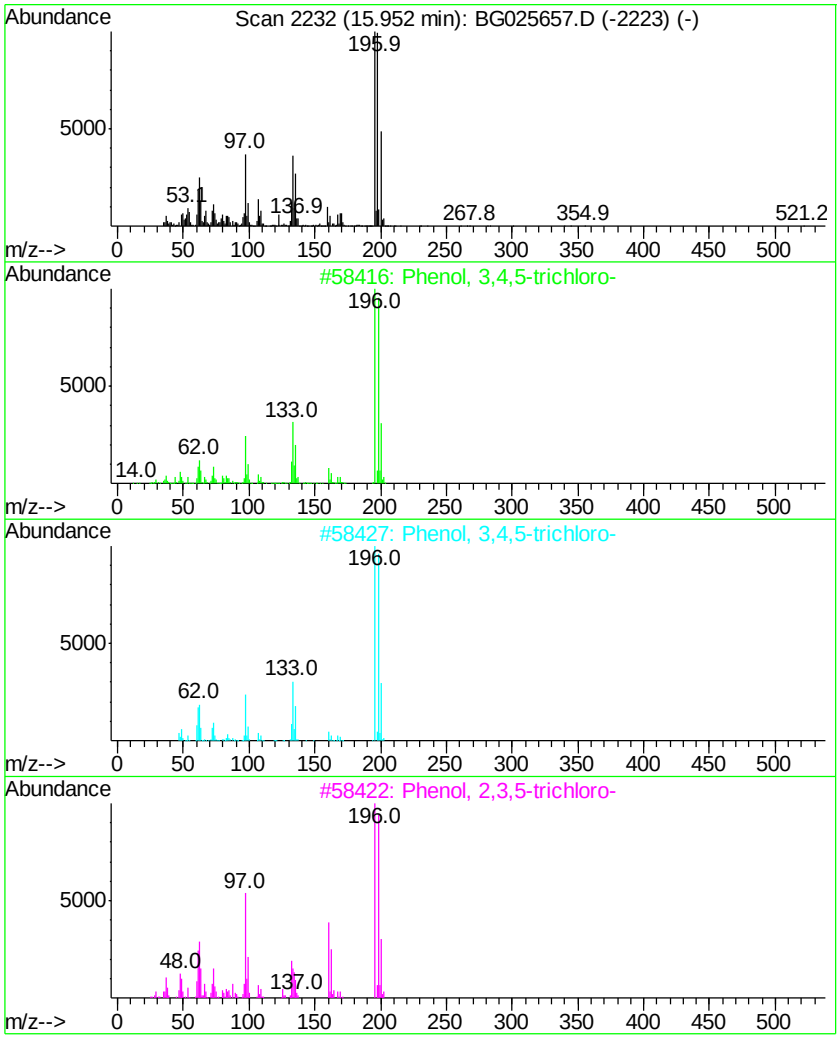
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

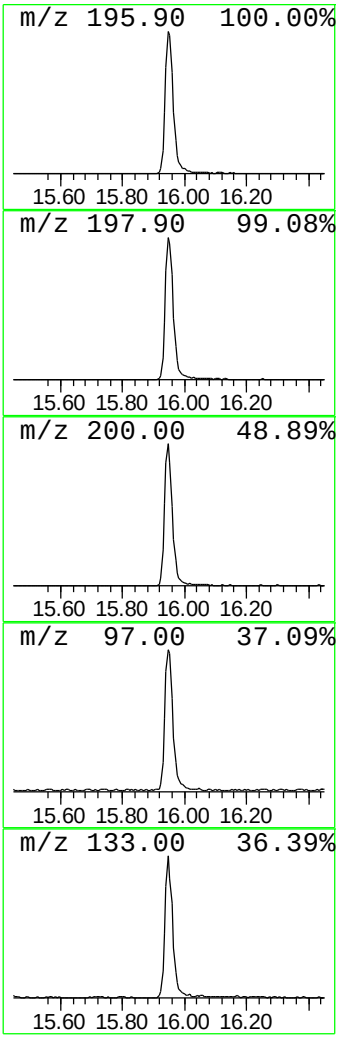
****

Peak Number 24 Phenol, 3,4,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	70.44 ng/ul	5383350	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trichloro-	196	C6H3Cl3O	000609-19-8	98
2	Phenol, 3,4,5-trichloro-	196	C6H3Cl3O	000609-19-8	93
3	Phenol, 2,3,5-trichloro-	196	C6H3Cl3O	000933-78-8	81
4	Phenol, 2,3,6-trichloro-	196	C6H3Cl3O	000933-75-5	76
5	Phenol, 2,3,4-trichloro-	196	C6H3Cl3O	015950-66-0	74





Library Search Compound Report

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Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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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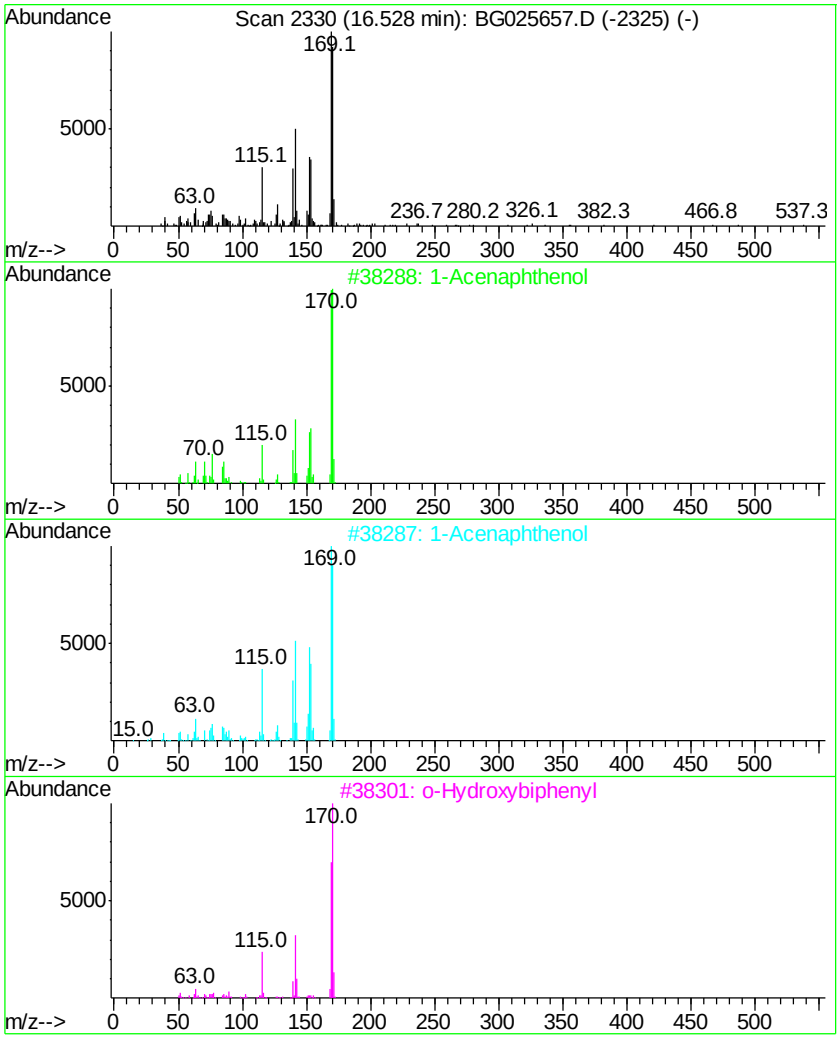
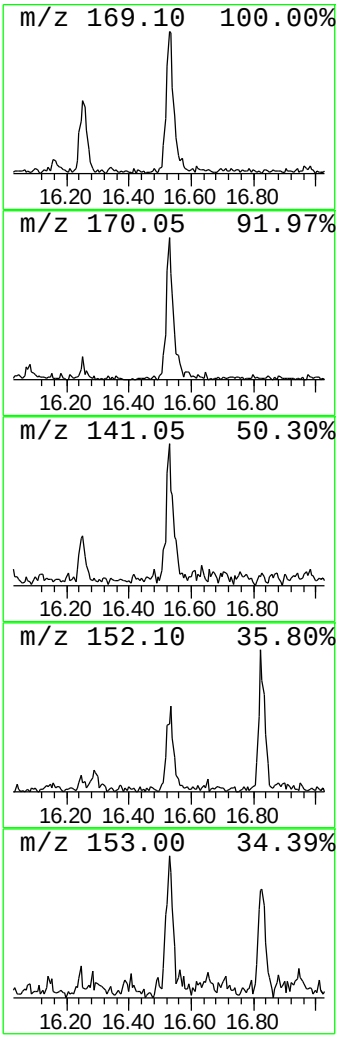
Peak Number 25 1-Acenaphthenol Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	2.55 ng/ul	309996	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	94
2	1-Acenaphthenol	170	C12H10O	006306-07-6	94
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	81
4	1-Naphthalenecarboxaldehyde, 4-m...	170	C12H10O	033738-48-6	81
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	74





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Acq On : 26 Jan 2017 6:49
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Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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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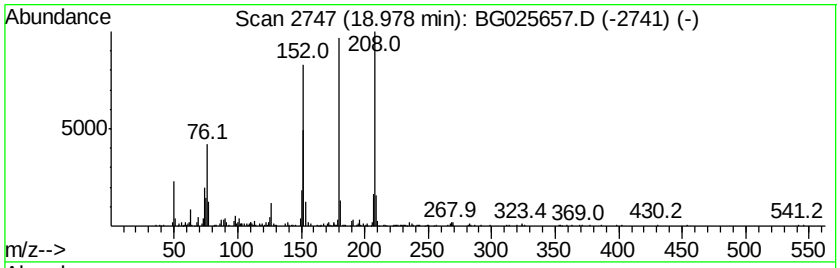
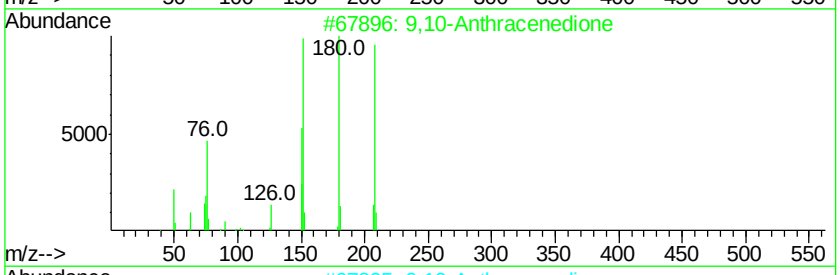
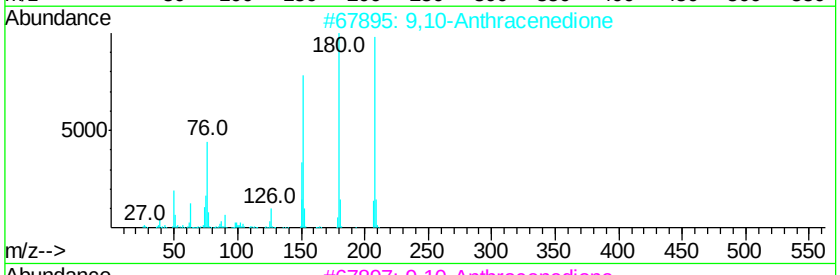
Peak Number 26 9,10-Anthracenedione Concentration Rank 26

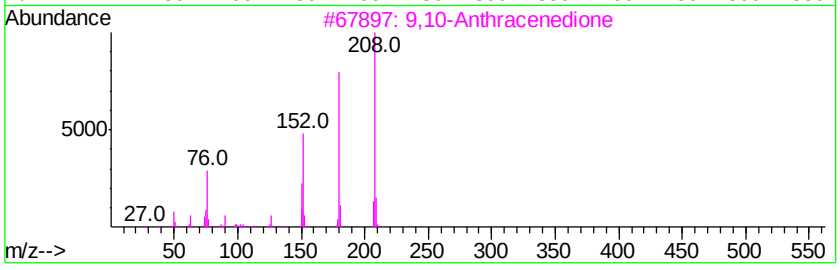
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	2.51 ng/ul	304682	Phenanthrene-d10	17.56

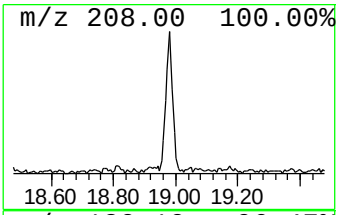
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64

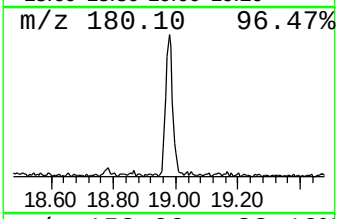


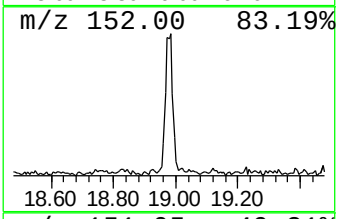


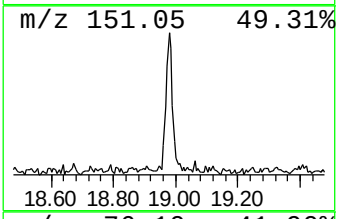


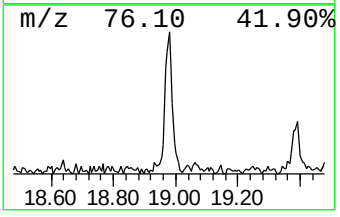












Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

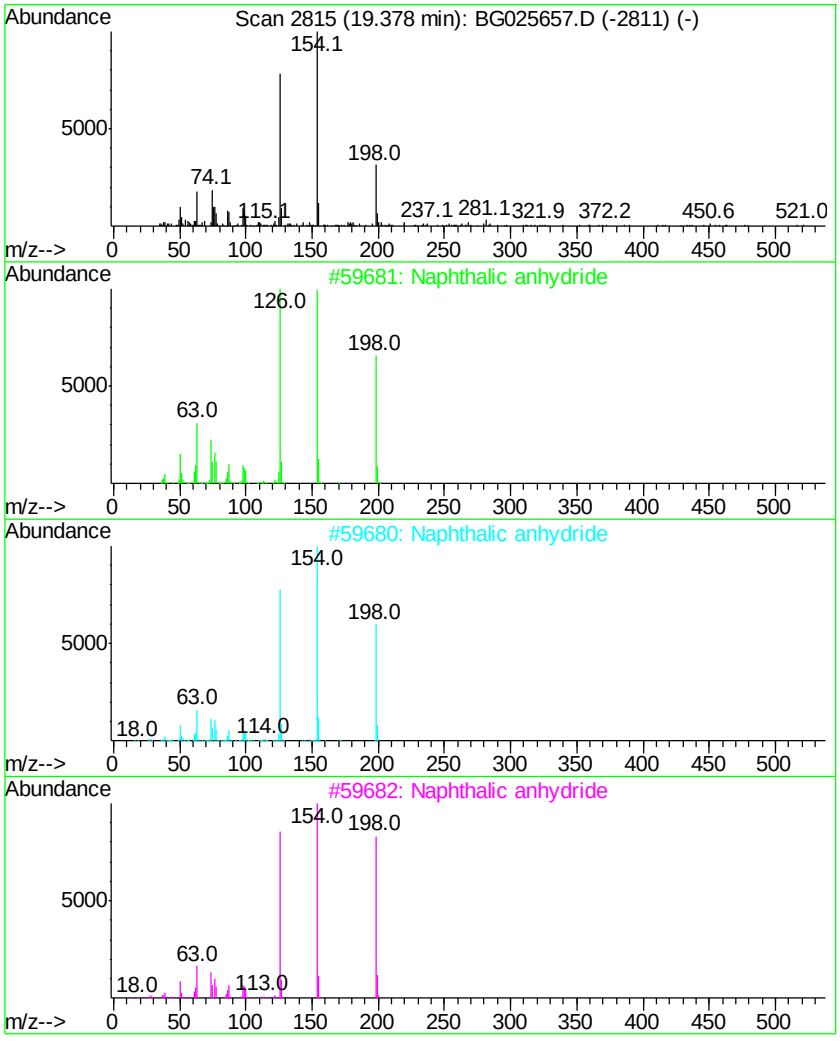
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

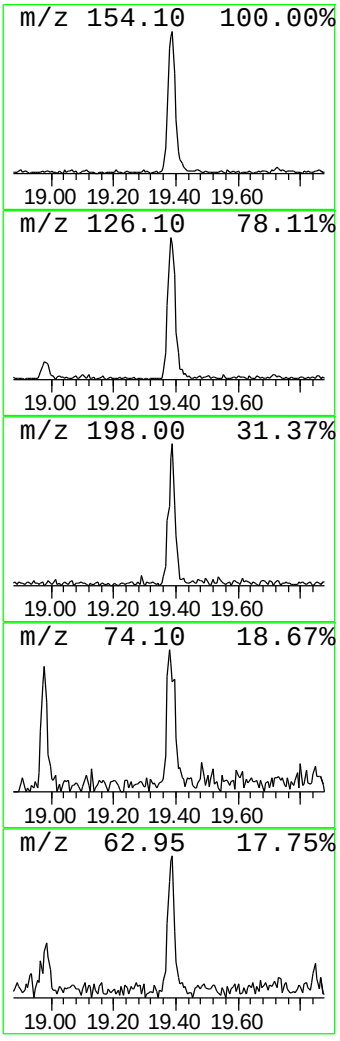
****

Peak Number 27 Naphthalic anhydride Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	2.48 ng/ul	300949	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	96
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	94
3	Naphthalic anhydride	198	C12H6O3	000081-84-5	94
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	74
5	Naphtho[1,2-c]furan-1,3-dione	198	C12H6O3	005343-99-7	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

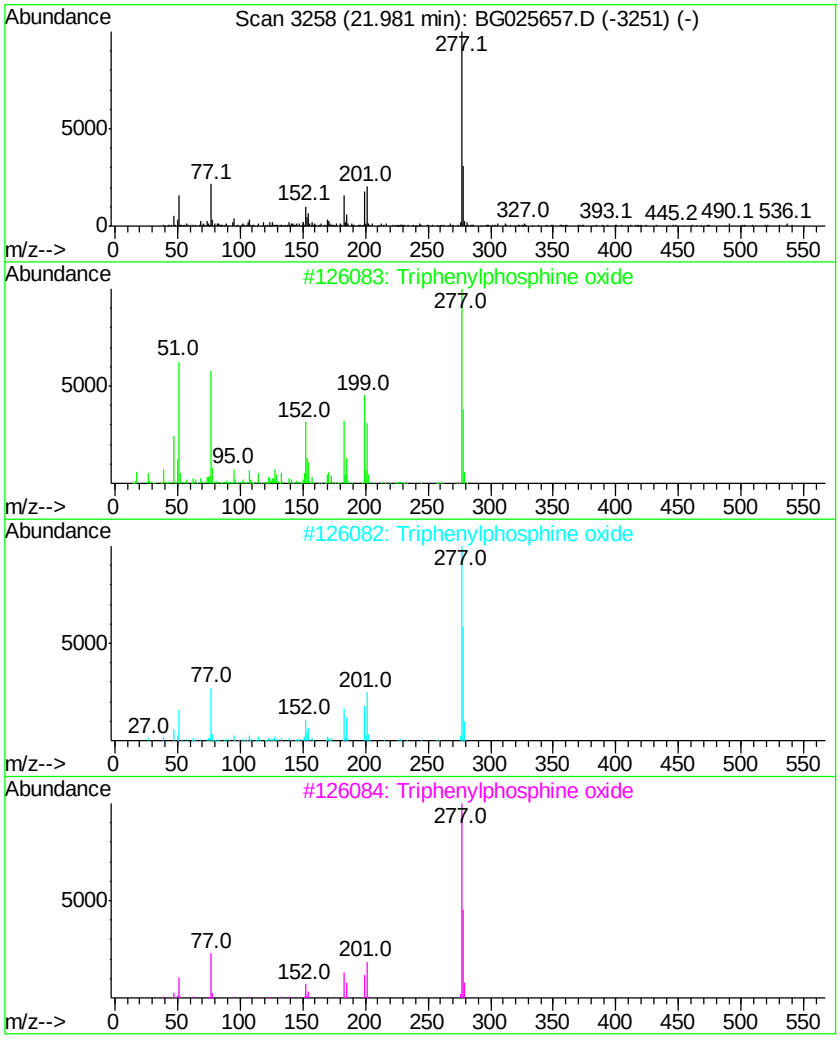
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

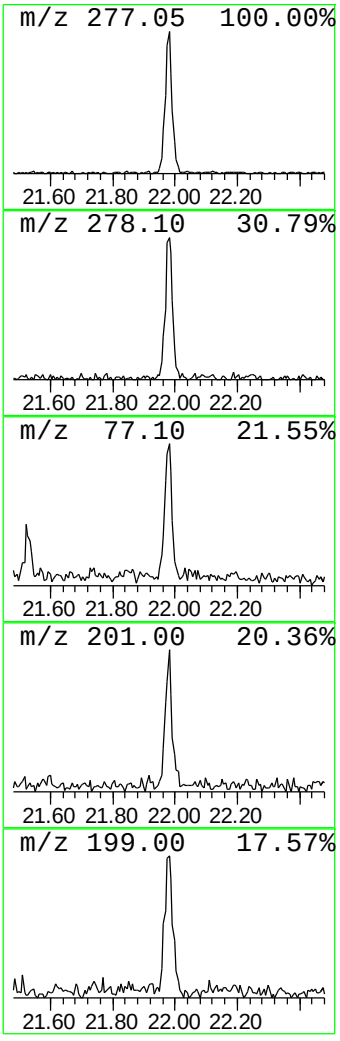
****

Peak Number 28 Triphenylphosphine oxide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	3.79 ng/ul	376694	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	72
2	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	64
3	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	49
4	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	45
5	Dimethoxymethyl-hydroxy-tripheny...	354	C21H23O3P	1000132-00-1	36





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

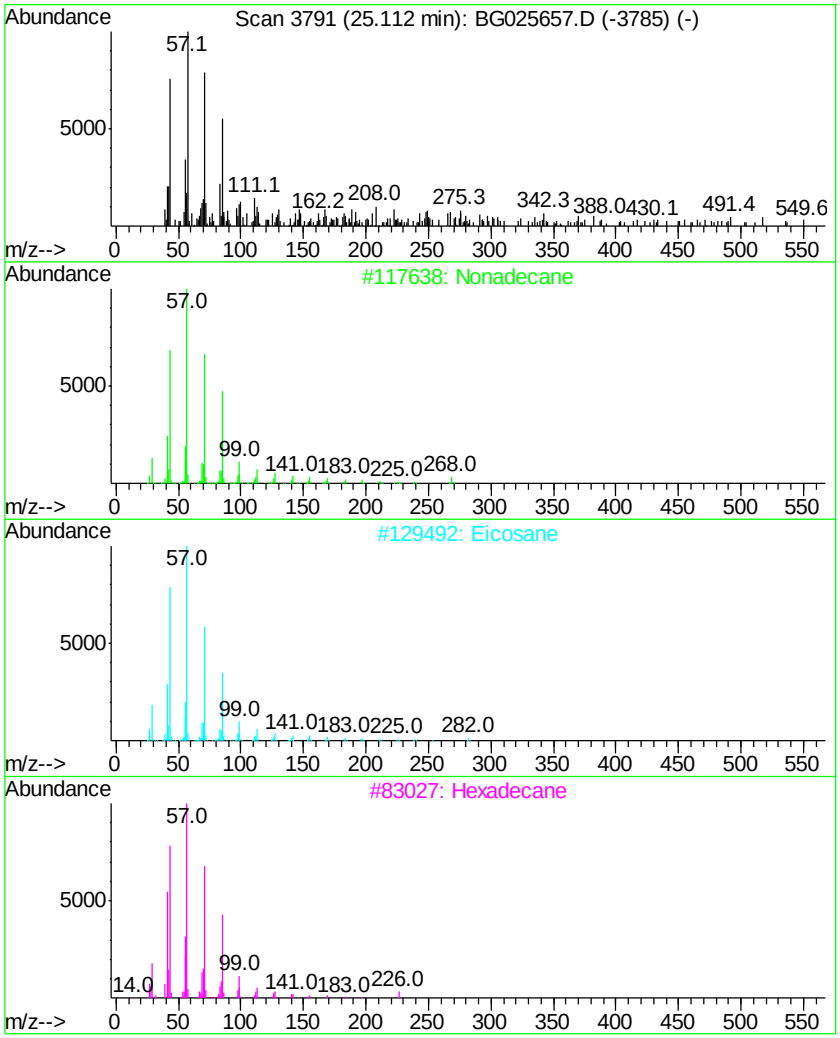
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

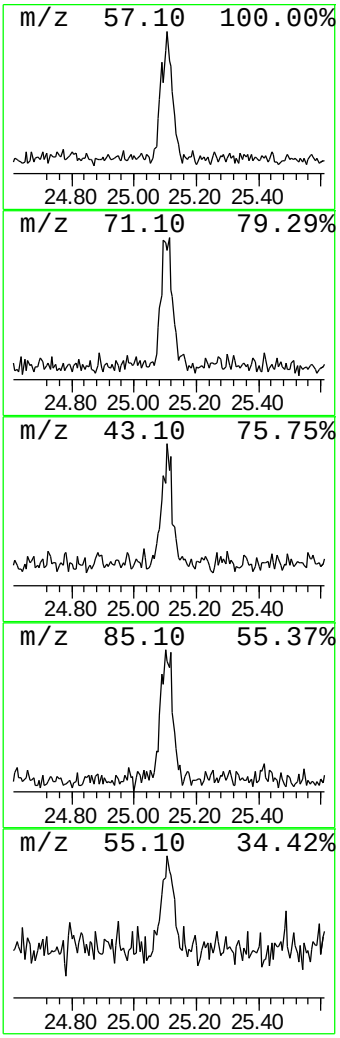
****

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.11	2.52 ng/ul	236092	Perylene-d12	25.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Eicosane	282	C20H42	000112-95-8	83
3	Hexadecane	226	C16H34	000544-76-3	81
4	Nonadecane	268	C19H40	000629-92-5	81
5	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

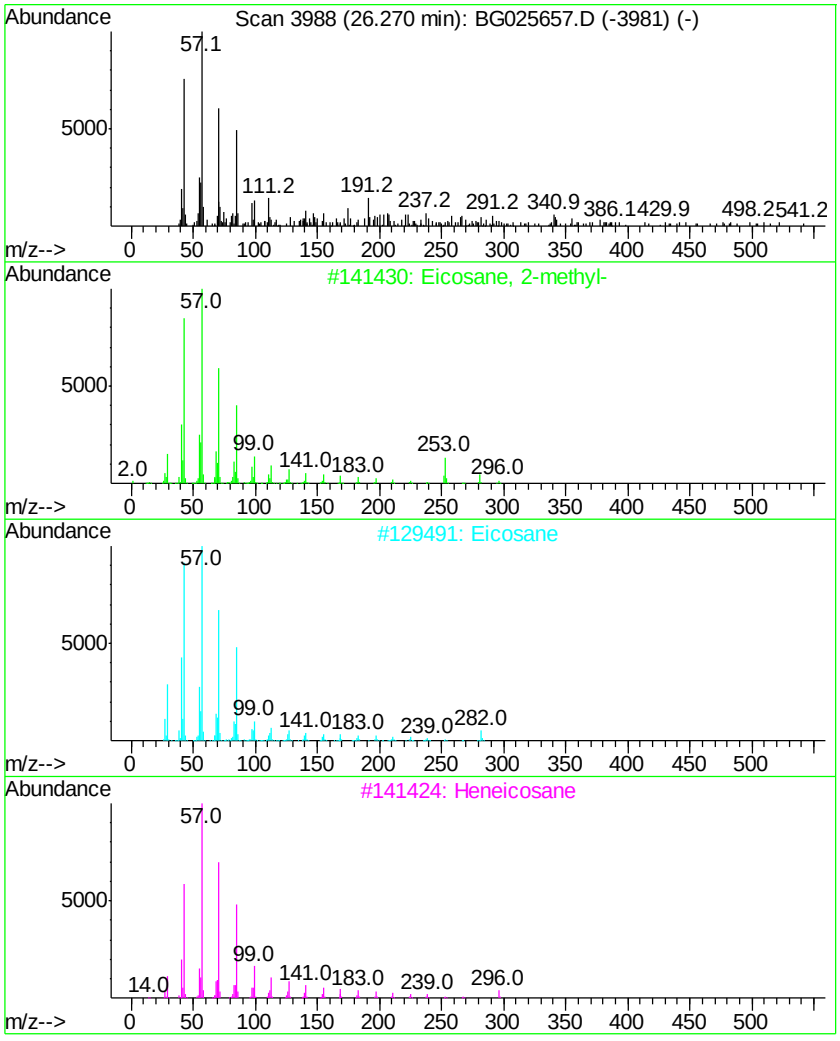
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

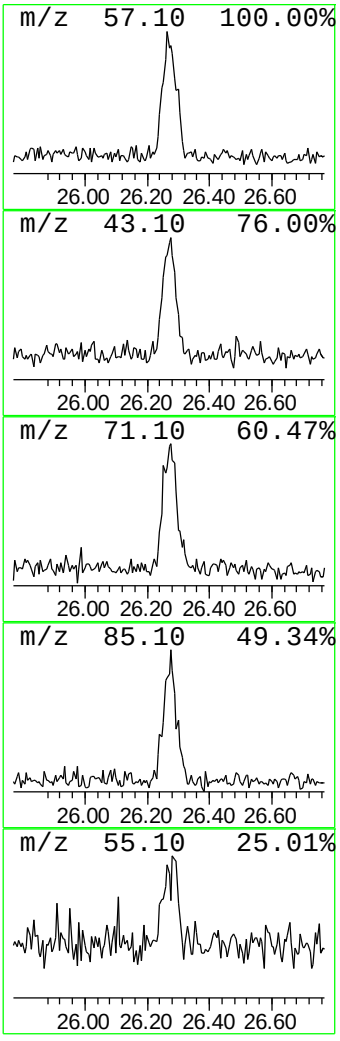
****

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.27	2.75 ng/ul	257698	Perylene-d12	25.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
2	Eicosane	282	C20H42	000112-95-8	81
3	Heneicosane	296	C21H44	000629-94-7	81
4	Heneicosane	296	C21H44	000629-94-7	81
5	Eicosane	282	C20H42	000112-95-8	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

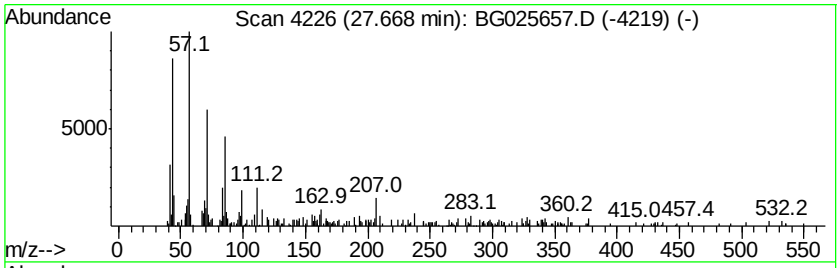
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

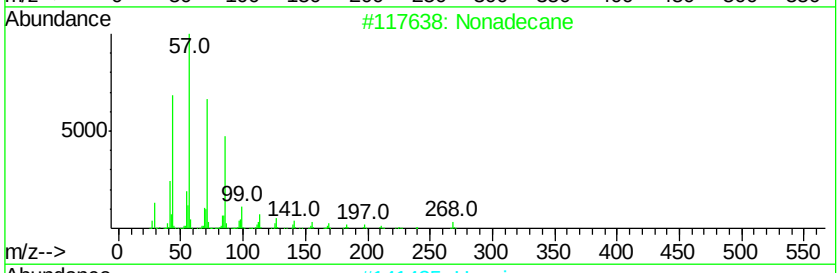
****

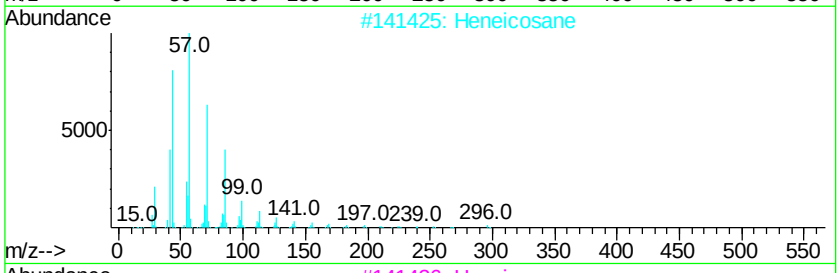
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 16

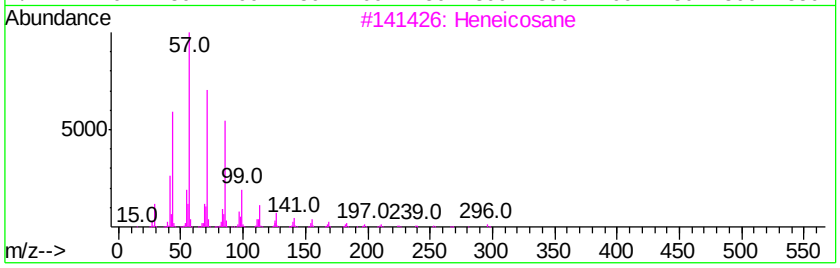
R.T.	EstConc	Area	Relative to ISTD	R.T.
27.67	3.67 ng/ul	343551	Perylene-d12	25.24

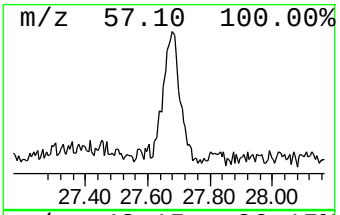
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	92
2	Heneicosane	296	C21H44	000629-94-7	86
3	Heneicosane	296	C21H44	000629-94-7	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	70

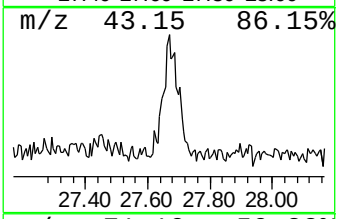


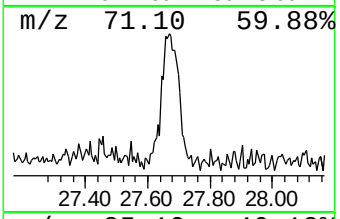


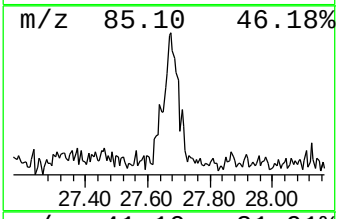


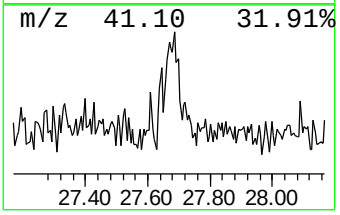












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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

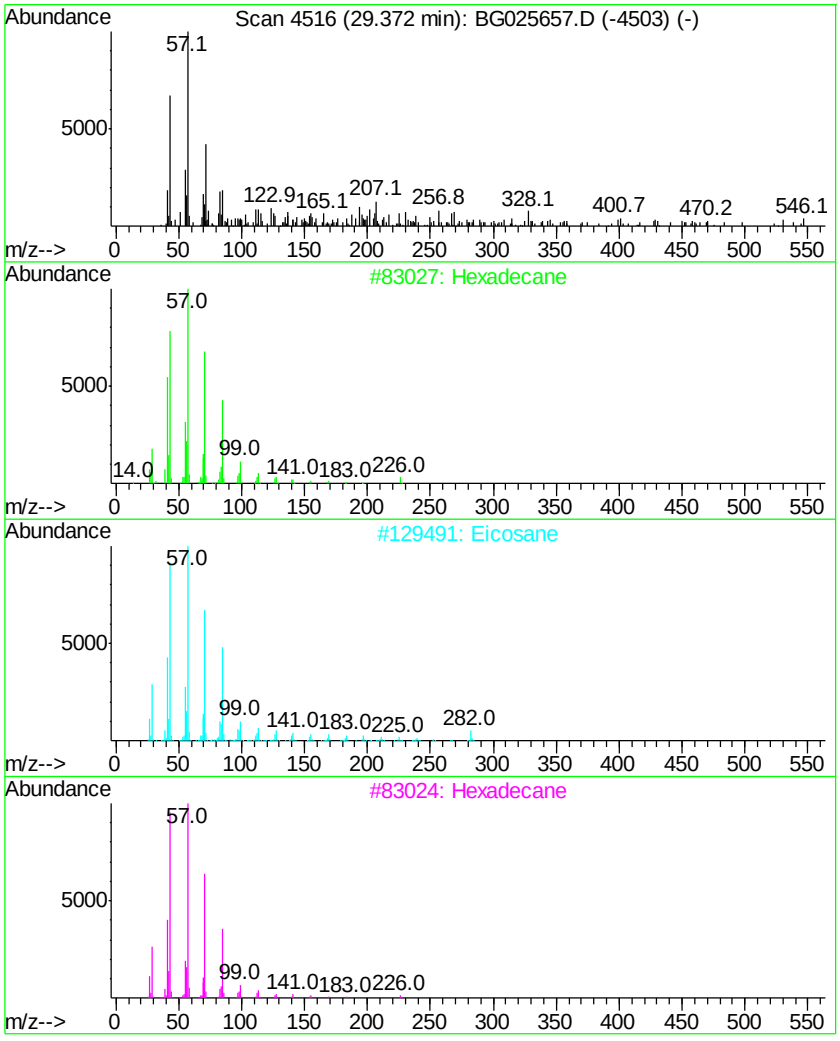
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

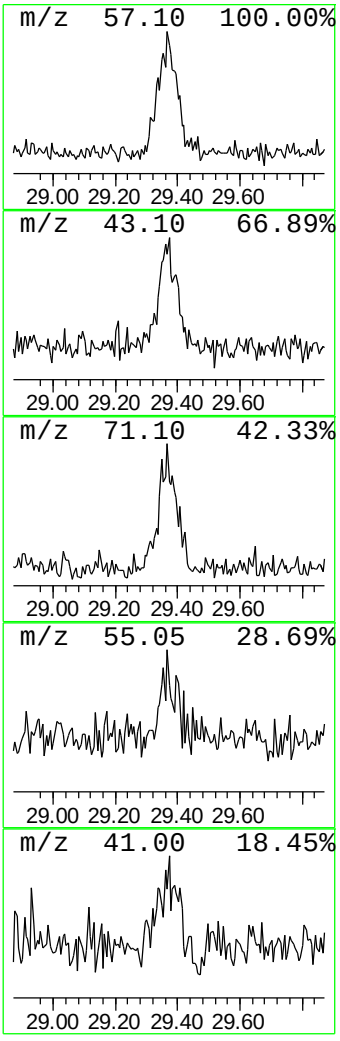
****

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.37	2.11 ng/ul	197756	Perylene-d12	25.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Eicosane	282	C20H42	000112-95-8	70
3	Hexadecane	226	C16H34	000544-76-3	55
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	55
5	Pentadecane	212	C15H32	000629-62-9	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012517\
Data File : BG025657.D
Acq On : 26 Jan 2017 6:49
Operator : SJ/MA
Sample : I1387-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA9R9

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-...	7.28	4.7	ng/ul	154830	1	8.18	660934	20.0
2-Heptanone, 4,6-...	7.57	11.2	ng/ul	371083	1	8.18	660934	20.0
Benzene, 1-ethyl-...	8.28	2.6	ng/ul	87025	1	8.18	660934	20.0
Cyclohexanone, 3,...	8.60	20.8	ng/ul	688029	1	8.18	660934	20.0
2-Pentanol, 5-met...	8.97	2.8	ng/ul	93349	1	8.18	660934	20.0
unknown-01	9.28	3.1	ng/ul	103465	1	8.18	660934	20.0
(DEL) Alkane: Cyc...	9.94	4.4	ng/ul	294586	2	11.01	1349120	20.0
unknown-02	11.16	3.3	ng/ul	223078	2	11.01	1349120	20.0
(DEL) Alkane: Cyc...	11.26	15.6	ng/ul	1051060	2	11.01	1349120	20.0
(DEL) Alkane: Cyc...	11.33	16.3	ng/ul	1097610	2	11.01	1349120	20.0
Oxalic acid, 2-et...	11.47	4.8	ng/ul	322155	2	11.01	1349120	20.0
unknown-03	11.89	6.3	ng/ul	426805	2	11.01	1349120	20.0
2,4-Dipropyl-5-et...	12.21	2.9	ng/ul	196488	2	11.01	1349120	20.0
1H-Inden-1-one, 2...	12.40	6.4	ng/ul	432985	2	11.01	1349120	20.0
1H-Indene, 1-ethy...	12.86	8.6	ng/ul	578261	2	11.01	1349120	20.0
unknown-04	13.83	2.5	ng/ul	190410	3	14.81	1528400	20.0
Naphthalene, 2,6-...	13.97	2.1	ng/ul	161762	3	14.81	1528400	20.0
unknown-05	14.04	2.5	ng/ul	188291	3	14.81	1528400	20.0
Naphthalene, 2,3-...	14.12	3.4	ng/ul	258766	3	14.81	1528400	20.0
unknown-06	14.62	2.2	ng/ul	167449	3	14.81	1528400	20.0
unknown-07	14.98	5.1	ng/ul	387526	3	14.81	1528400	20.0
Phosphoric acid, ...	15.15	11.8	ng/ul	900234	3	14.81	1528400	20.0
unknown-08	15.33	5.7	ng/ul	436895	3	14.81	1528400	20.0
Phenol, 3,4,5-tri...	15.95	70.4	ng/ul	5383350	3	14.81	1528400	20.0
1-Acenaphthenol	16.53	2.5	ng/ul	309996	4	17.56	2427220	20.0
9,10-Anthracenedione	18.98	2.5	ng/ul	304682	4	17.56	2427220	20.0
Naphthalic anhydride	19.38	2.5	ng/ul	300949	4	17.56	2427220	20.0
Triphenylphosphin...	21.98	3.8	ng/ul	376694	5	21.85	1985370	20.0
(DEL) Alkane: Str...	25.11	2.5	ng/ul	236092	6	25.24	1871850	20.0
(DEL) Alkane: Str...	26.27	2.8	ng/ul	257698	6	25.24	1871850	20.0
(DEL) Alkane: Str...	27.67	3.7	ng/ul	343551	6	25.24	1871850	20.0
(DEL) Alkane: Str...	29.37	2.1	ng/ul	197756	6	25.24	1871850	20.0