LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.354	249	258	269	rVB2	44998	93380	3.85%	0.140%
2	5.835	503	510	519	rBV2	47140	114828	4.74%	0.172%
3	6.211	565	574	581	rVV4	60108	146455	6.04%	0.219%
4	6.846	675	682	691	rVV5	78903	172291	7.11%	0.258%
5	7.392	763	775	788	rVB	350060	870717	35.91%	1.304%
6	7.551	793	802	808	rBV	258189	458274	18.90%	0.686%
7	7.768	831	839	844	rBV	340149	640501	26.41%	0.959%
8	7.862	851	855	861	rVB2	71817	107826	4.45%	0.161%
9	8.238	912	919	931	rVB	327505	646018	26.64%	0.967%
10	8.338	931	936	942	rBV2	50255	95093	3.92%	0.142%
11	8.503	955	964	976	rVB2	49888	173222	7.14%	0.259%
12	8.861	1018	1025	1033	rBV4	136359	368006	15.18%	0.551%
13	8.943	1033	1039	1046	rVV	475035	904786	37.31%	1.355%
14	9.014	1046	1051	1056	rVV6	56468	135818	5.60%	0.203%
15	9.331	1094	1105	1112	rBV10	81347	196092	8.09%	0.294%
16	9.419	1112	1120	1128	rVB2	487941	954233	39.35%	1.429%
17	9.678	1156	1164	1167	rBV9	34301	93360	3.85%	0.140%
18	9.783	1178	1182	1190	rVB3	80190	133206	5.49%	0.199%
19	10.142	1231	1243	1251	rBV	405631	790221	32.59%	1.183%
20	10.224	1251	1257	1270	rVV	65467	254216	10.48%	0.381%
21	10.324	1270	1274	1281	rVB8	45125	95122	3.92%	0.142%
22	10.430	1286	1292	1299	rBV5	62541	160842	6.63%	0.241%
23	10.682	1328	1335	1342	rBV2	500469	963174	39.72%	1.442%
24	10.888	1361	1370	1373	rBV9	46538	113573	4.68%	0.170%
25	10.976	1379	1385	1393	rVV4	212782	476322	19.64%	0.713%
26	11.064	1393	1400	1405	rVV	449623	863768	35.62%	1.293%
27	11.111	1405	1408	1414	rVV	147193	256729	10.59%	0.384%
28	11.464	1464	1468	1476	rVV3	65067	123613	5.10%	0.185%
29	11.916	1541	1545	1556	rVB8	71252	160062	6.60%	0.240%
30	12.022	1556	1563	1567	rBV	179666	278756	11.50%	0.417%
31	12.198	1590	1593	1602	rVB4	59672	110027	4.54%	0.165%
32	12.410	1624	1629	1636	rVB	281907	435640	17.97%	0.652%
33	12.574	1649	1657	1661	rBV	31077	97634	4.03%	0.146%
34	12.704	1673	1679	1689	rBV	382963	717564	29.59%	1.074%

LSC Area Percent Report

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Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

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

35	12.921	1710	1716	1722	rVB	398139	673016	27.76%	1.008%
36	13.121	1744	1750	1759	rVB4	234254	459235	18.94%	0.688%
37	13.209	1759	1765	1770	rBV4	131825	228320	9.42%	0.342%
38	13.273	1770	1776	1783	rBV10	60572	192977	7.96%	0.289%
39	13.344	1783	1788	1794	rVB3	169606	274383	11.32%	0.411%
40	13.450	1802	1806	1811	rVB7	55662	96670	3.99%	0.145%
41	13.638	1833	1838	1843	rVV	396824	557869	23.01%	0.835%
42	13.884	1875	1880	1884	rBV4	89567	188380	7.77%	0.282%
43	14.031	1896	1905	1913	rBV3	178293	502405	20.72%	0.752%
44	14.114	1915	1919	1924	rBV6	67530	105946	4.37%	0.159%
45	14.178	1924	1930	1935	rBV3	404417	932752	38.47%	1.397%
46	14.249	1935	1942	1946	rVV2	952960	1934220	79.77%	2.896%
47	14.296	1946	1950	1962	rVB	875377	1542585	63.62%	2.310%
48	14.413	1964	1970	1974	rBV	223492	391409	16.14%	0.586%
49	14.560	1987	1995	2004	rBV	898883	1740525	71.78%	2.606%
50	14.701	2013	2019	2027	rVB	528268	758244	31.27%	1.135%
51	14.819	2034	2039	2041	rBV4	118602	188464	7.77%	0.282%
52	14.860	2041	2046	2055	rVB	765420	1306876	53.90%	1.957%
53	14.983	2062	2067	2074	rVB2	157309	263963	10.89%	0.395%
54	15.077	2074	2083	2089	rBV3	363823	804270	33.17%	1.204%
55	15.242	2105	2111	2118	rVB3	235689	518726	21.39%	0.777%
56	15.318	2118	2124	2131	rBV6	226251	432396	17.83%	0.647%
57	15.459	2143	2148	2153	rBV2	204373	367625	15.16%	0.550%
58	15.512	2153	2157	2166	rVB2	181000	316046	13.03%	0.473%
59	15.641	2170	2179	2191	rVB2	706171	1561780	64.41%	2.339%
60	15.771	2197	2201	2205	rBV3	111770	186137	7.68%	0.279%
61	15.847	2208	2214	2218	rBV	1140390	1686896	69.57%	2.526%
62	15.976	2231	2236	2242	rBV2	426053	644541	26.58%	0.965%
63	16.047	2242	2248	2253	rVV3	222758	364384	15.03%	0.546%
64	16.188	2263	2272	2280	rBV5	216765	483886	19.96%	0.725%
65	16.276	2282	2287	2293	rBV6	169299	347126	14.32%	0.520%
66	16.335	2293	2297	2304	rVB2	210699	381117	15.72%	0.571%
67	16.434	2310	2314	2321	rVB5	147031	277806	11.46%	0.416%
68	16.505	2321	2326	2344	rVB2	840026	2367943	97.65%	3.546%
69	16.875	2384	2389	2397	rVB6	210894	506785	20.90%	0.759%
70	16.951	2398	2402	2406	rBV4	124755	203095	8.38%	0.304%
71	17.128	2425	2432	2446	rVB9	262489	896121	36.96%	1.342%

LSC Area Percent Report

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Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

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

72	17.245	2449	2452	2456	rBV4	119764	222352	9.17%	0.333%
73	17.292	2456	2460	2478	rVB2	872170	1693855	69.85%	2.536%
74	17.604	2506	2513	2517	rBV2	937676	1555774	64.16%	2.330%
75	17.645	2517	2520	2525	rVV	415367	619780	25.56%	0.928%
76	17.704	2525	2530	2536	rVB	1133729	1732383	71.44%	2.594%
77	17.768	2536	2541	2548	rBV4	344956	629670	25.97%	0.943%
78	17.933	2565	2569	2575	rVB4	242598	464266	19.15%	0.695%
79	17.991	2576	2579	2581	rVV3	126238	165469	6.82%	0.248%
80	18.033	2581	2586	2596	rVB2	944645	1557820	64.24%	2.333%
81	18.444	2651	2656	2658	rBV3	226318	346710	14.30%	0.519%
82	18.473	2658	2661	2665	rVV	281766	456284	18.82%	0.683%
83	18.520	2665	2669	2674	rVB2	361546	592347	24.43%	0.887%
84	18.655	2687	2692	2695	rBV	321907	525965	21.69%	0.788%
85	18.720	2697	2703	2710	rVB2	947206	1540891	63.55%	2.307%
86	18.961	2740	2744	2749	rVB2	159253	272652	11.24%	0.408%
87	19.290	2797	2800	2805	rBV5	202570	305241	12.59%	0.457%
88	19.343	2805	2809	2812	rBV	937440	1169825	48.24%	1.752%
89	19.913	2899	2906	2911	rVB	1096775	1559812	64.33%	2.336%
90	19.977	2911	2917	2928	rBV	1344786	2424832	100.00%	3.631%
91	20.065	2929	2932	2941	rVB4	216479	387758	15.99%	0.581%
92	20.389	2984	2987	2990	rBV	192633	279118	11.51%	0.418%
93	20.442	2991	2996	3000	rVB2	1136452	1468991	60.58%	2.200%
94	20.935	3074	3080	3084	rBV	963045	1415878	58.39%	2.120%
95	21.458	3165	3169	3175	rVB2	1039136	1395797	57.56%	2.090%
96	21.899	3238	3244	3250	rVB	963499	1615288	66.61%	2.419%
97	22.022	3260	3265	3272	rVB	597185	992955	40.95%	1.487%
98	22.651	3367	3372	3384	rBV3	584057	1162473	47.94%	1.741%
99	25.089	3780	3787	3797	rVB2	645519	1756405	72.43%	2.630%
100	25.330	3820	3828	3840	rVB2	513240	1584894	65.36%	2.373%

Sum of corrected areas: 66781773

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025236.D
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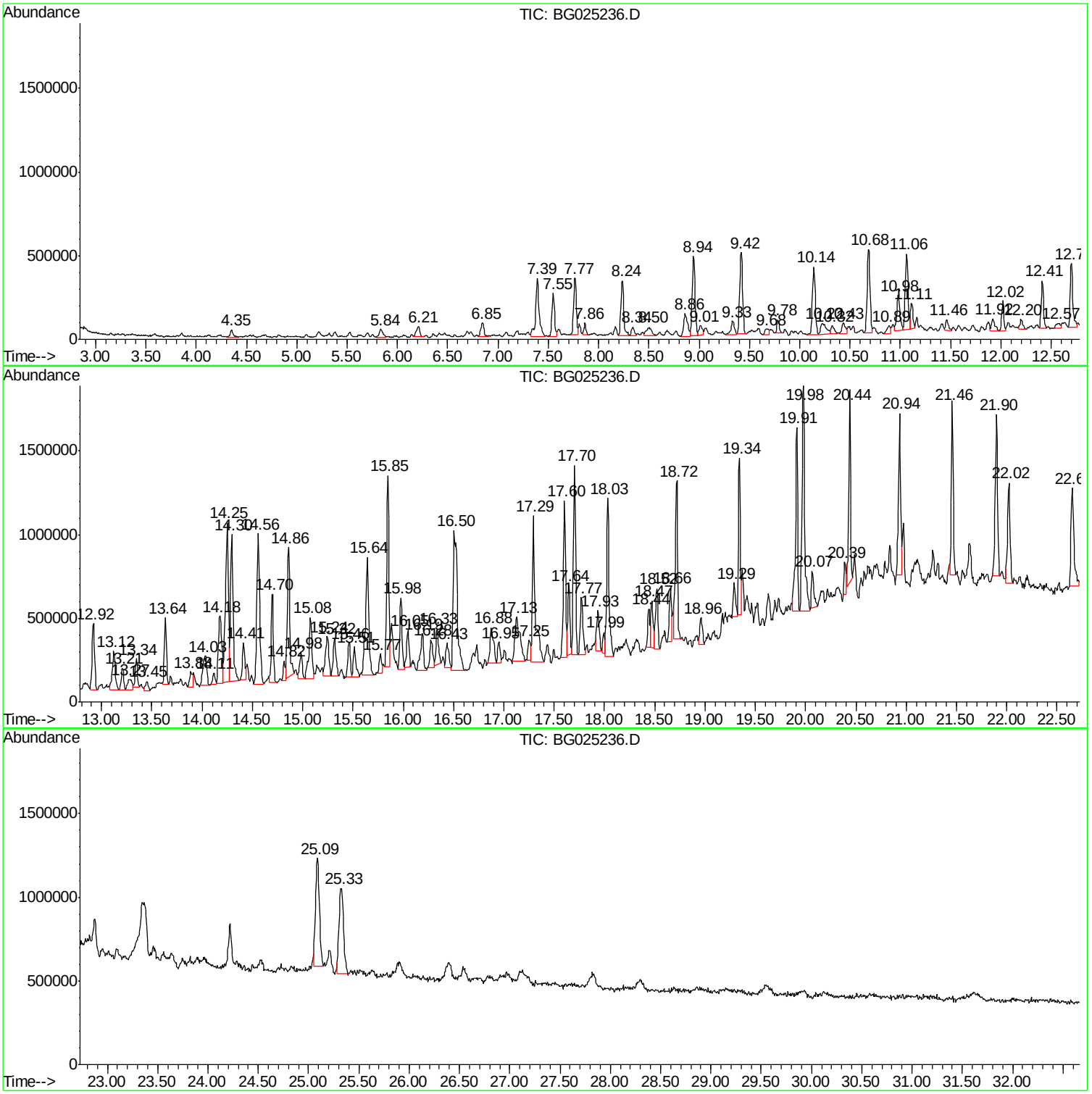
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

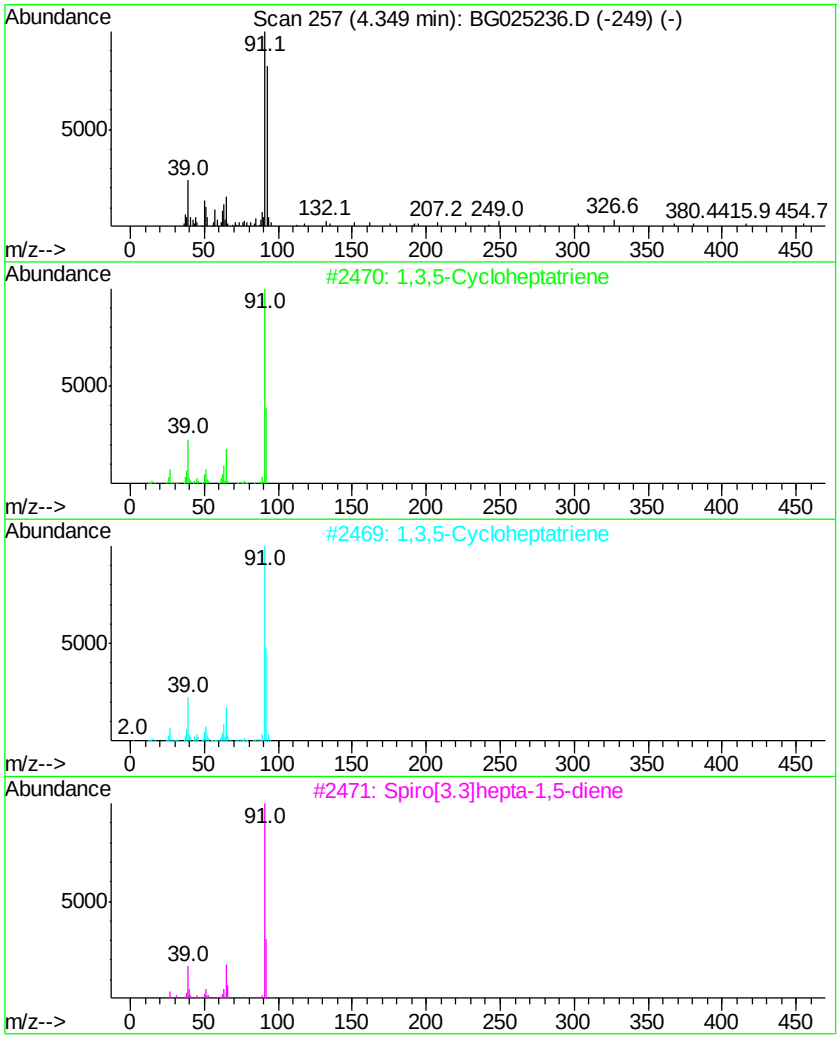
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

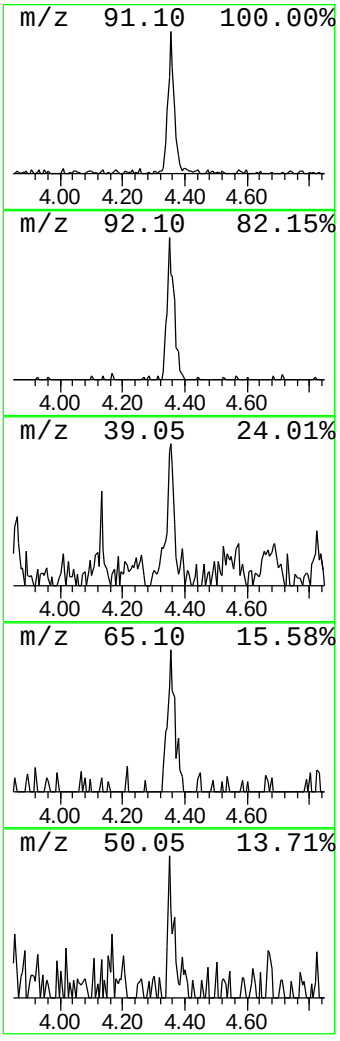
****

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	2.89 ng/ul	93380	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	64
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	58
3	Spiro[3.3]hepta-1,5-diene	92	C7H8	022635-78-5	50
4	Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	50
5	Bicyclo[3.2.0]hepta-2,6-diene	92	C7H8	002422-86-8	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

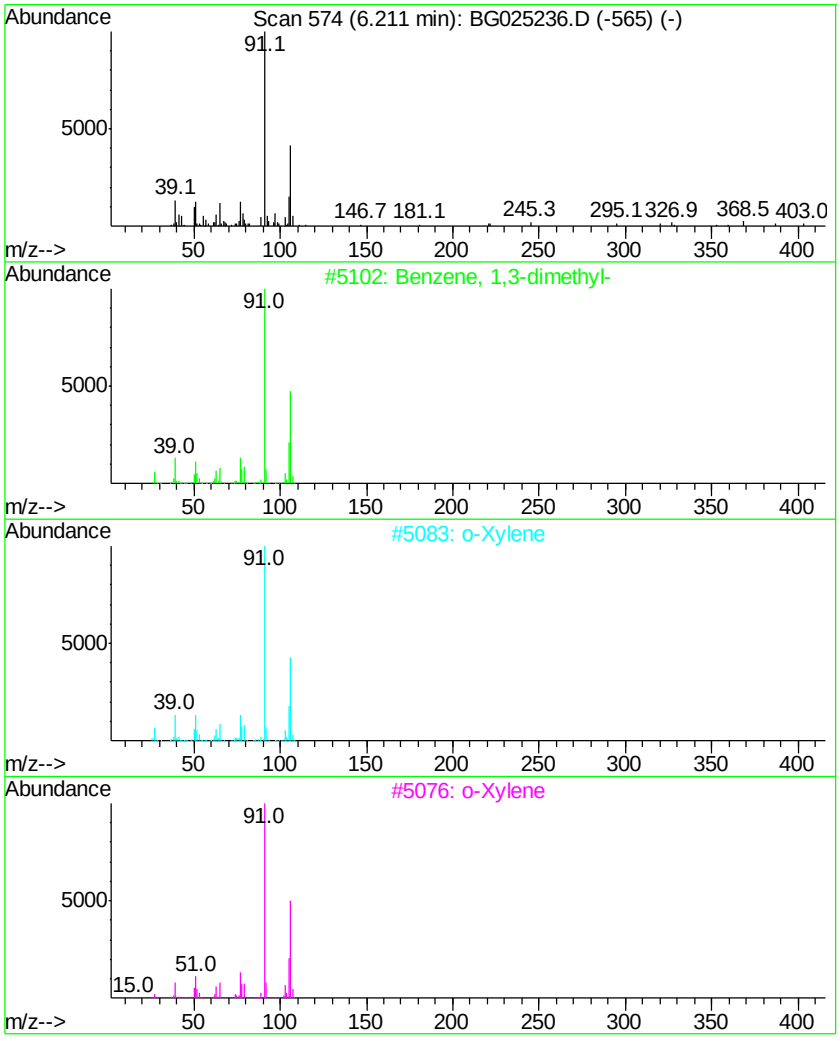
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

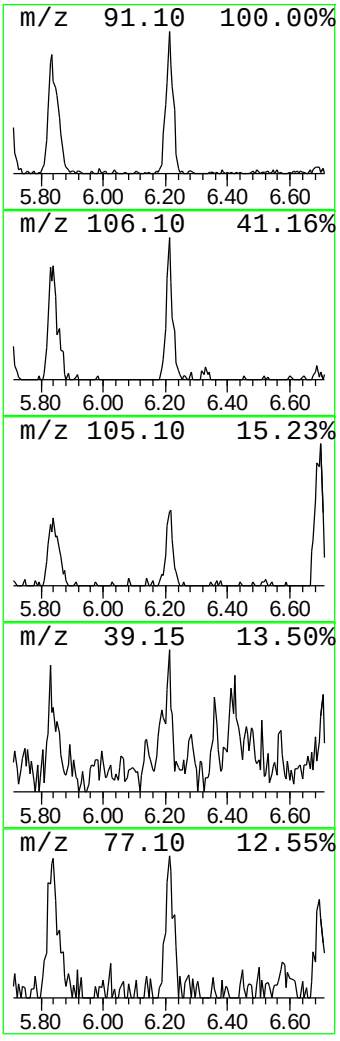
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	4.53 ng/ul	146455	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
2	o-Xylene	106	C8H10	000095-47-6	76
3	o-Xylene	106	C8H10	000095-47-6	76
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	76
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

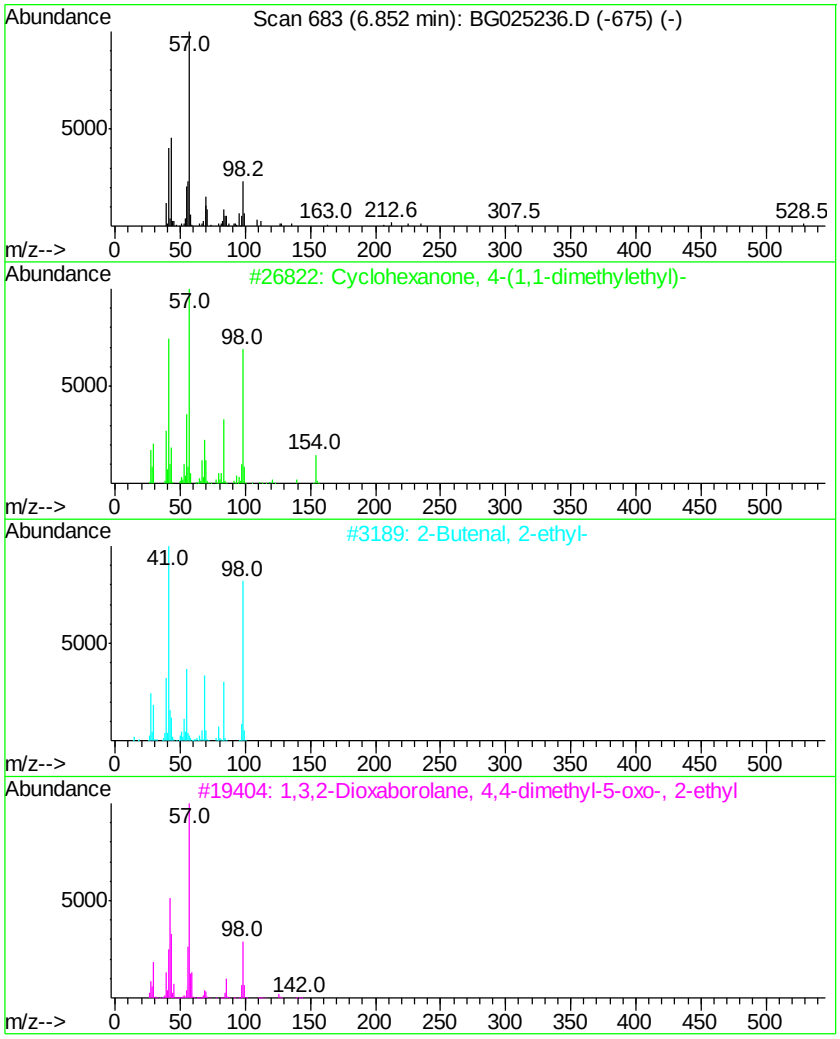
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

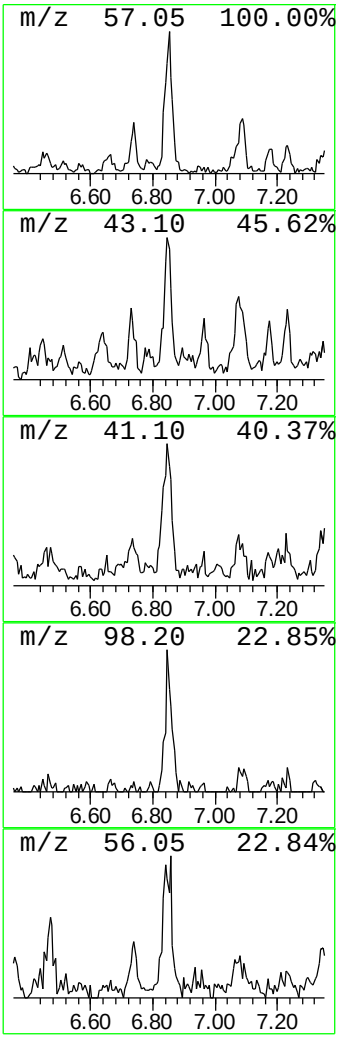
****

Peak Number 4 Cyclohexanone, 4-(1,1-dimet... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	5.33 ng/ul	172291	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 4-(1,1-dimethylet...	154	C10H18O	000098-53-3	50
2	2-Butenal, 2-ethyl-	98	C6H10O	019780-25-7	43
3	1,3,2-Dioxaborolane, 4,4-dimethy...	142	C6H11BO3	1000063-89-2	42
4	2-Pentenal, 2-methyl-	98	C6H10O	000623-36-9	38
5	Sulfonamide, N-cyclohexyl-N'-(5-...	259	C10H17N3O3S	349572-30-1	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

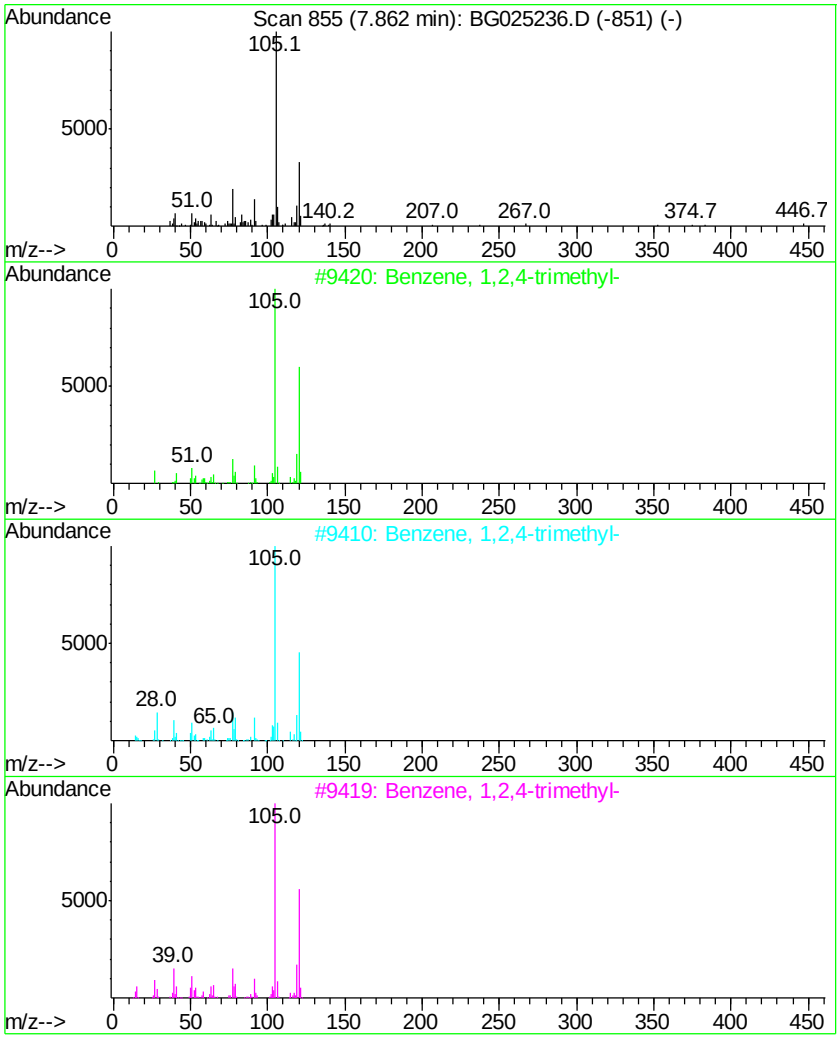
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

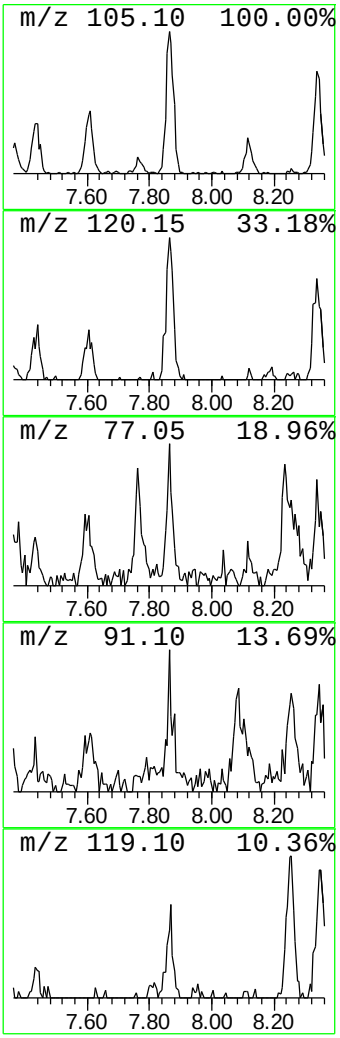
****

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	3.34 ng/ul	107826	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

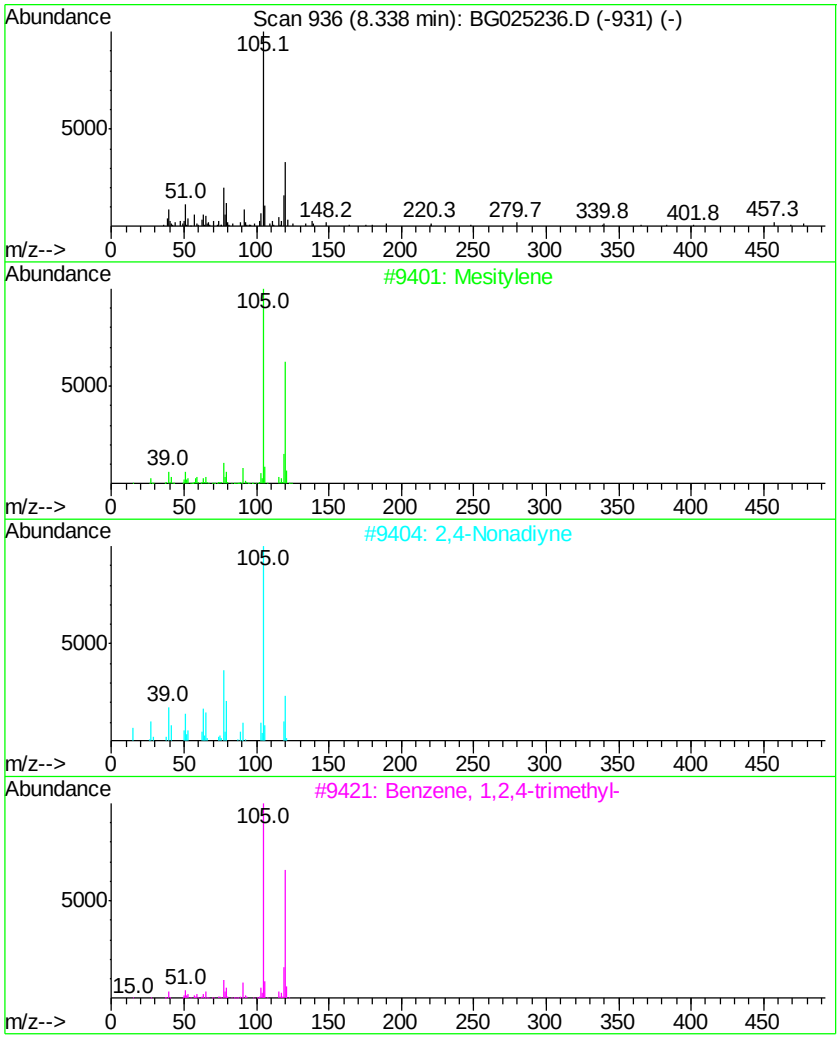
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

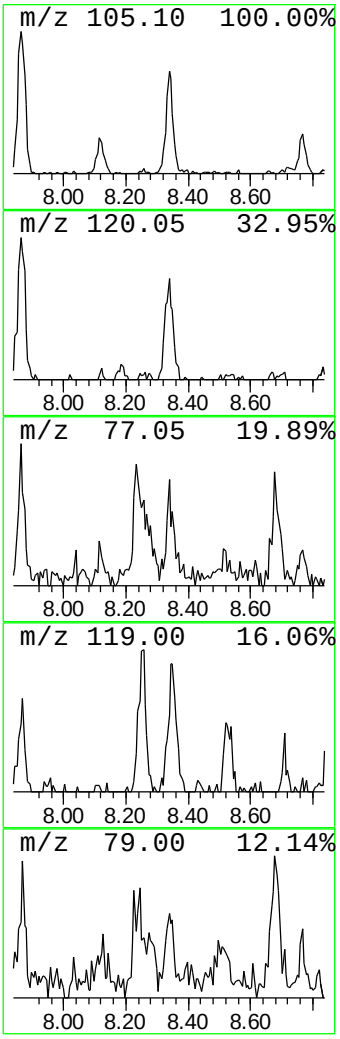
****

Peak Number 6 Mesitylene Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	2.94 ng/ul	95093	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	87
2	2,4-Nonadiyne	120	C9H12	063621-15-8	83
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
4	Mesitylene	120	C9H12	000108-67-8	83
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	80





Library Search Compound Report

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Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

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

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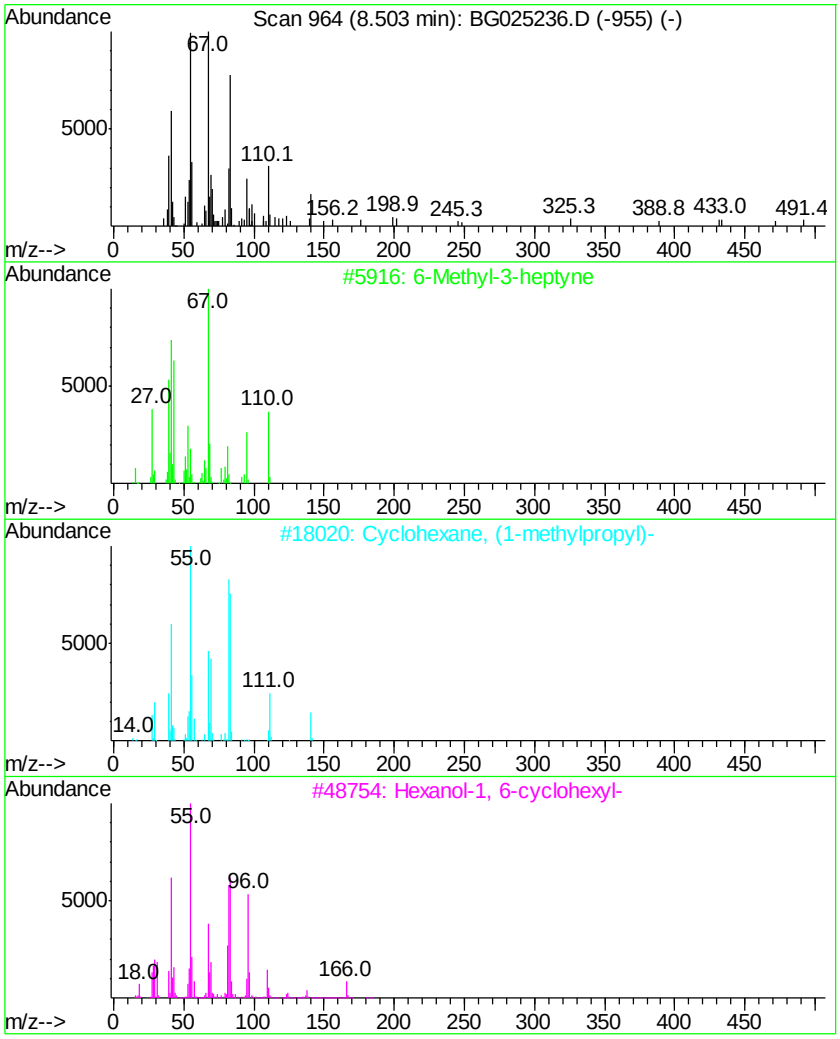
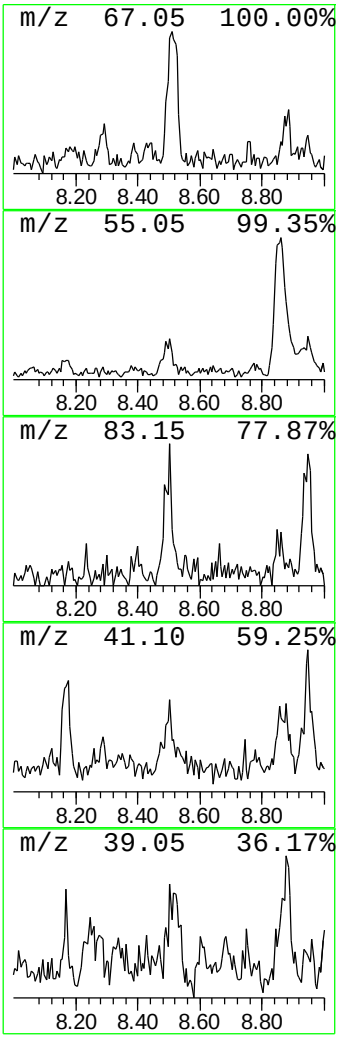
Peak Number 7 6-Methyl-3-heptyne Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	5.36 ng/ul	173222	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-3-heptyne	110	C8H14	054050-92-9	50
2	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	43
3	Hexanol-1, 6-cyclohexyl-	184	C12H24O	004354-58-9	43
4	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	38
5	Cyclooctene	110	C8H14	000931-88-4	38





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Sample : H5938-13
Misc :
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Instrument : BNA_G
ClientSampleId : DA835

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Quant Title : SVOA CALIBRATION

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

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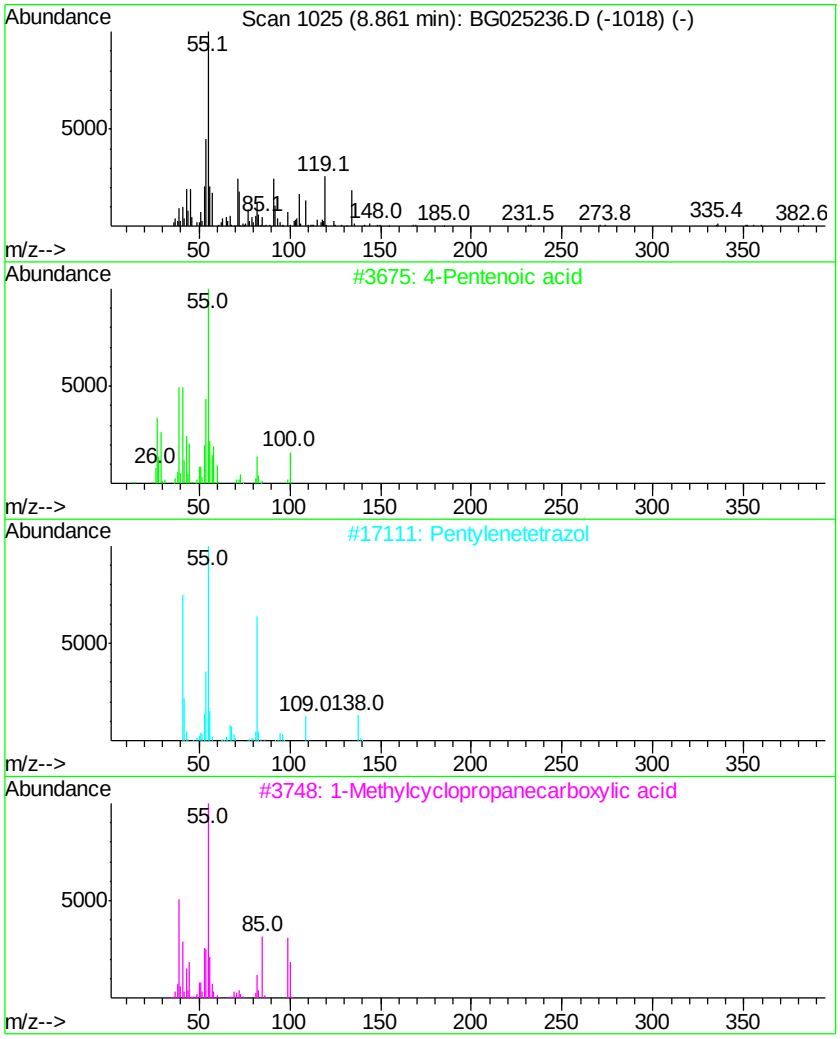
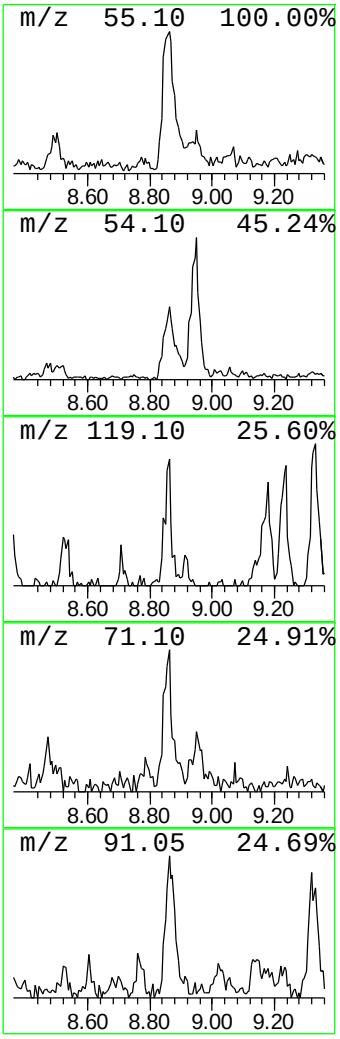
Peak Number 8 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	11.39 ng/ul	368006	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentenoic acid	100	C5H8O2	000591-80-0	43
2	Pentylenetetrazol	138	C6H10N4	000054-95-5	37
3	1-Methylcyclopropanecarboxylic acid	100	C5H8O2	006914-76-7	35
4	Pentylenetetrazol	138	C6H10N4	000054-95-5	25
5	Orthoformic acid, tri-2-butenyl ...	226	C13H22O3	014503-57-2	25





Library Search Compound Report

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Sample : H5938-13
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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Quant Title : SVOA CALIBRATION

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

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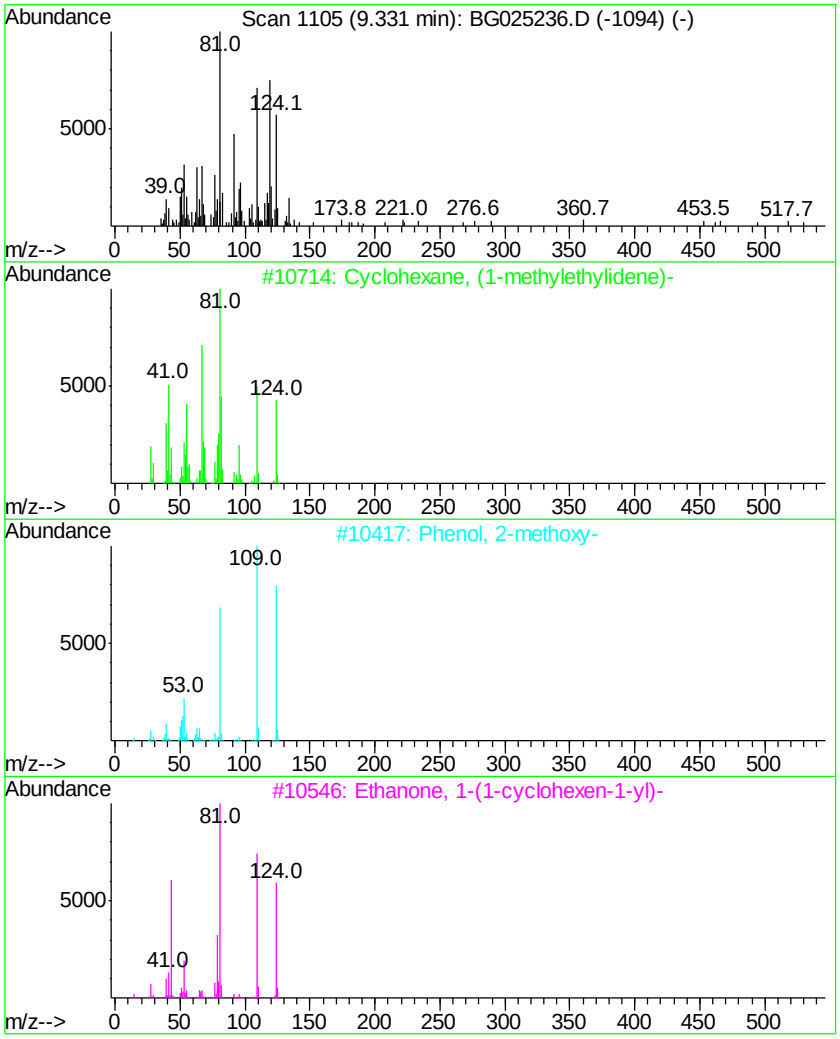
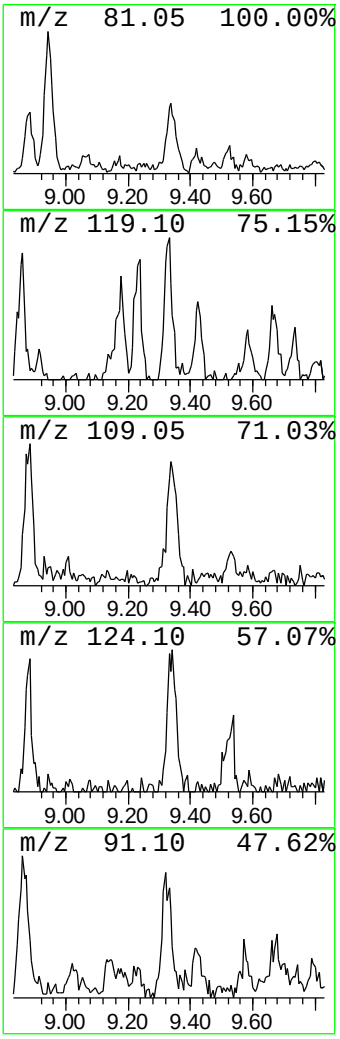
Peak Number 9 unknown-02 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	6.07 ng/ul	196092	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	49
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	45
3	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	43
4	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	43
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	25





Library Search Compound Report

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Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

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

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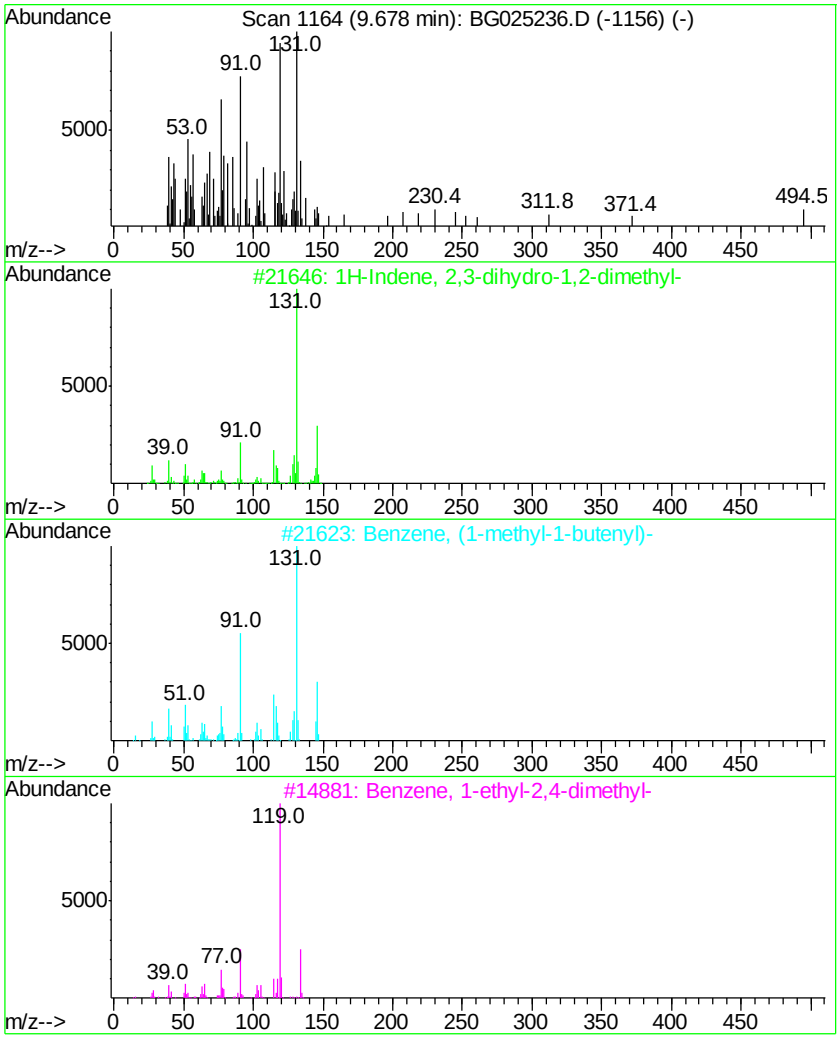
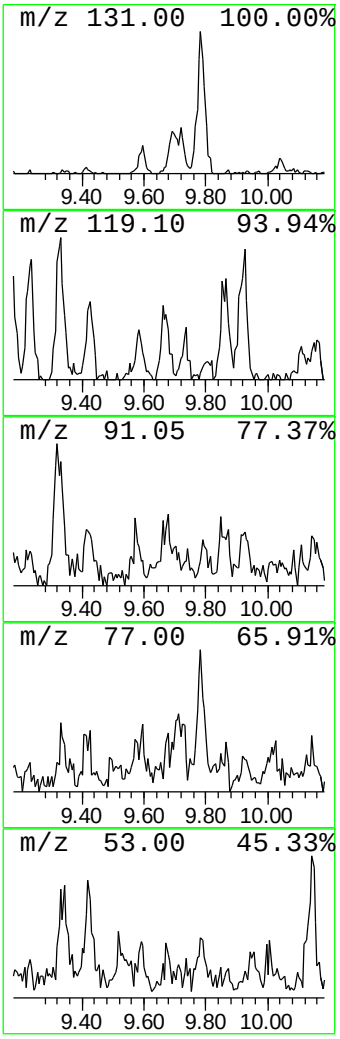
Peak Number 10 unknown-03 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.16 ng/ul	93360	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	25
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	25
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	25
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	25
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	25





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Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

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

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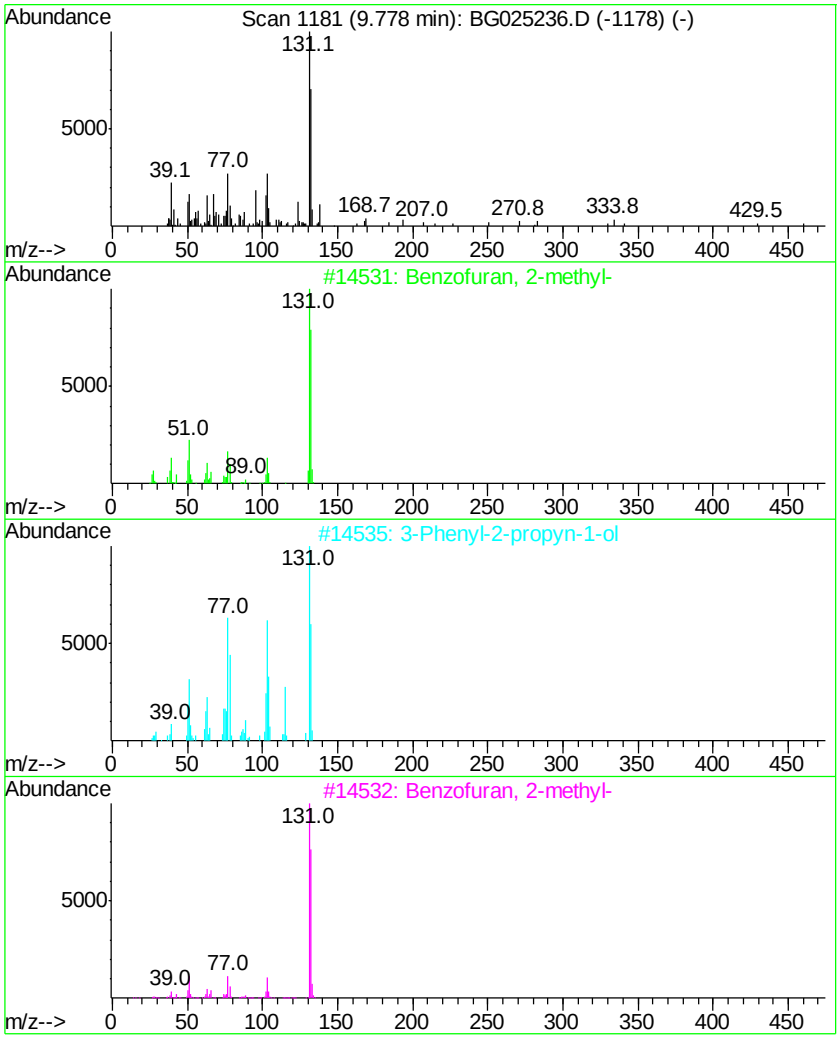
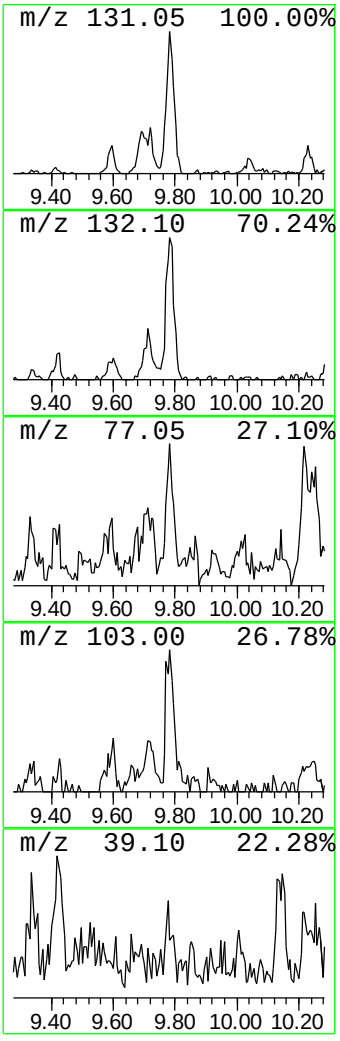
Peak Number 11 Benzofuran, 2-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	3.08 ng/ul	133206	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	95
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	81
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	68





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Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

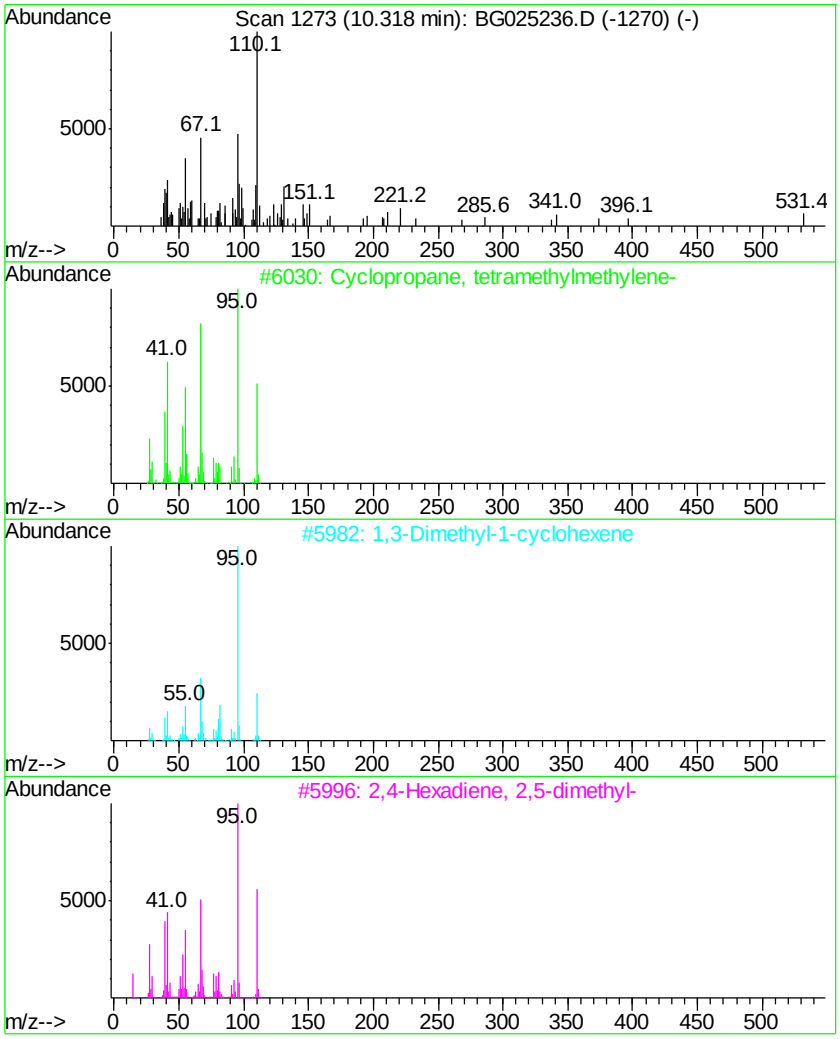
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

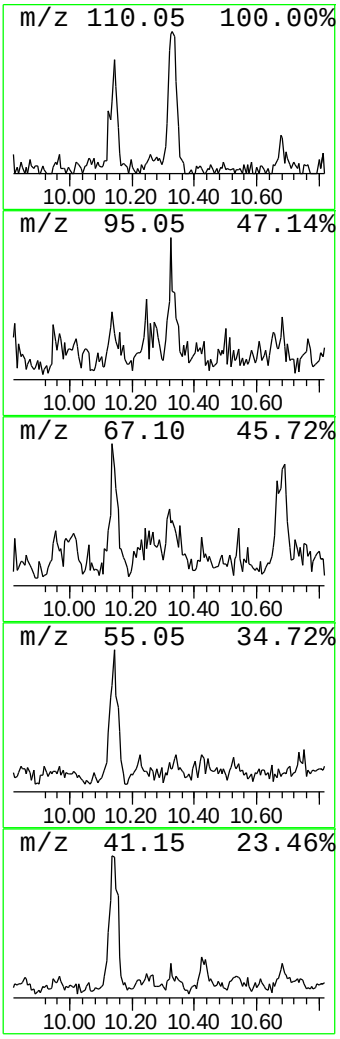
****

Peak Number 12 Cyclopropane, tetramethylme... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.20 ng/ul	95122	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, tetramethylmethylene-	110	C8H14	054376-39-5	58
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	58
3	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	53
4	2-Hexenoic acid, 3,4,4-trimethyl...	170	C9H14O3	014919-56-3	53
5	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	53





Library Search Compound Report

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Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

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

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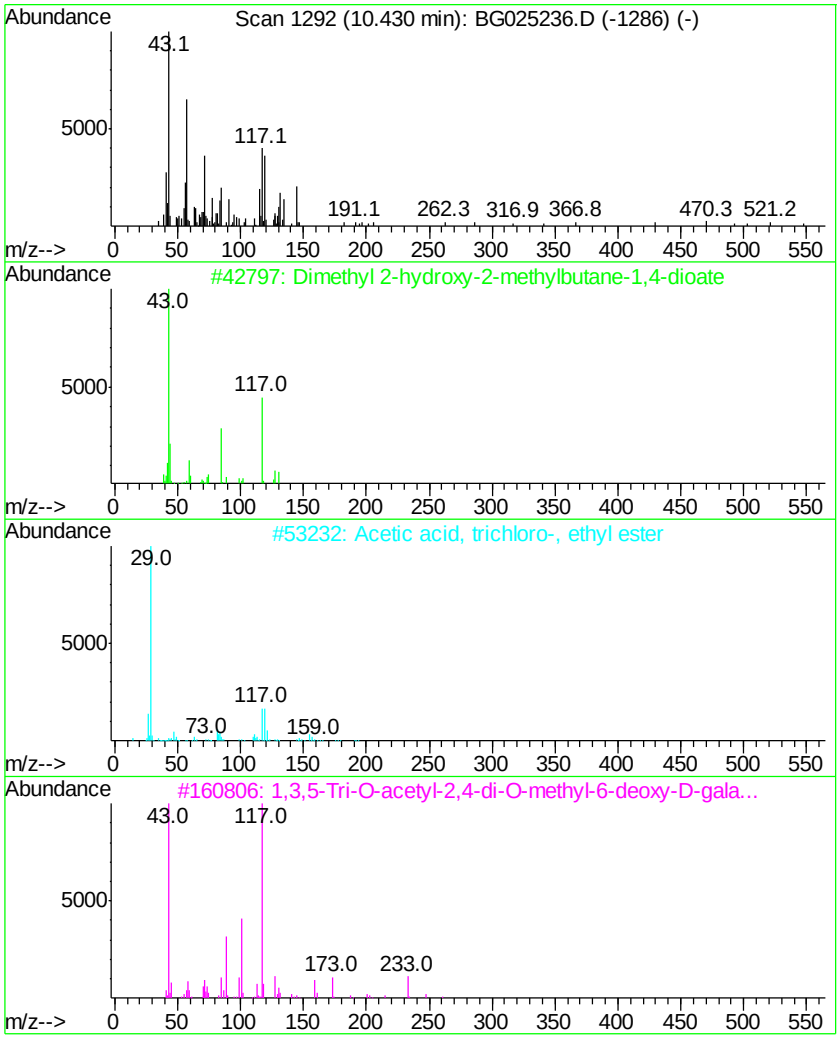
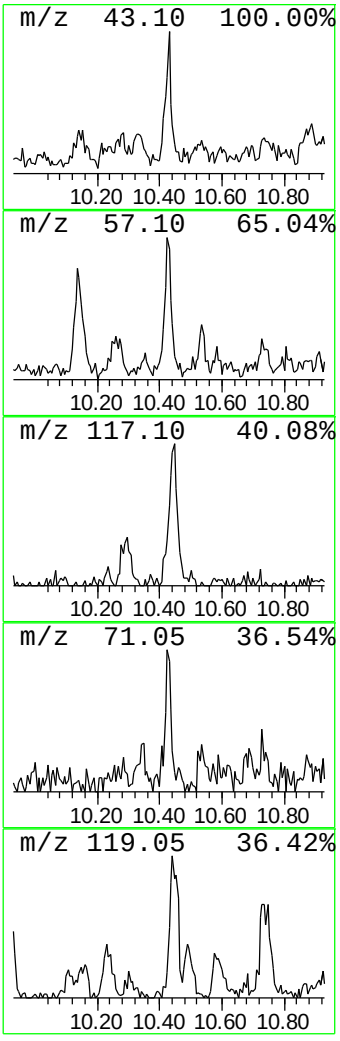
Peak Number 13 unknown-04 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	3.72 ng/ul	160842	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl 2-hydroxy-2-methylbutan...	176	C7H12O5	019020-62-3	38
2	Acetic acid, trichloro-, ethyl e...	190	C4H5Cl3O2	000515-84-4	23
3	1,3,5-Tri-O-acetyl-2,4-di-O-meth...	320	C14H24O8	081703-39-1	16
4	Isobutyl neopentyl carbonate	188	C10H20O3	1000372-77-1	12
5	Succinic acid, monochloride 2-et...	220	C10H17ClO3	1000349-21-7	10





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Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

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

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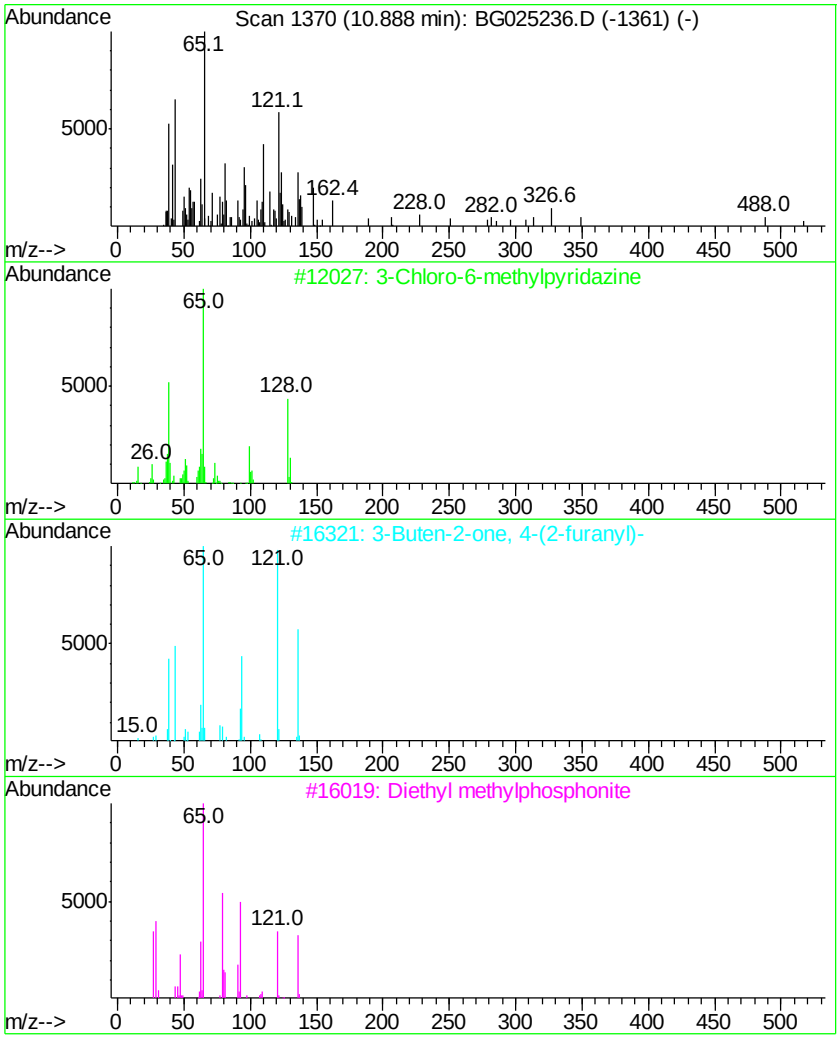
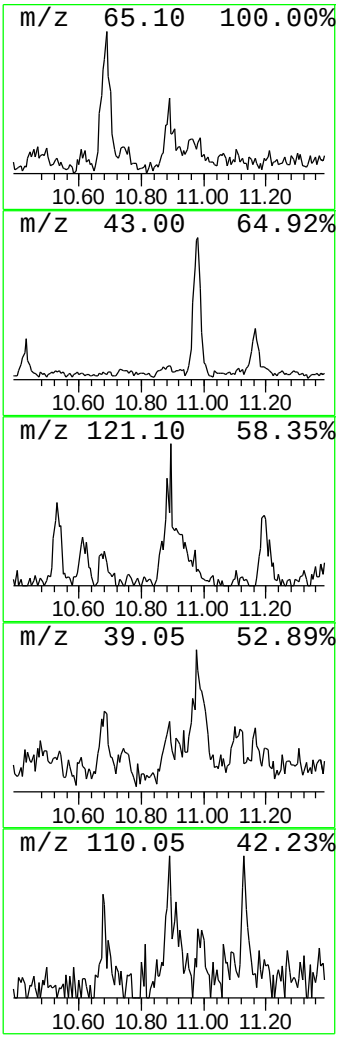
Peak Number 14 unknown-05 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	2.63 ng/ul	113573	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-methylpyridazine	128	C5H5ClN2	001121-79-5	45
2	3-Buten-2-one, 4-(2-furanyl)-	136	C8H8O2	000623-15-4	42
3	Diethyl methylphosphonite	136	C5H13O2P	015715-41-0	42
4	Trichloroacetic acid, pent-2-en-...	226	C7H5Cl3O2	1000299-25-6	40
5	Sulfacytine	294	C12H14N4O3S	017784-12-2	40





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Misc :
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Instrument : BNA_G
ClientSampleId : DA835

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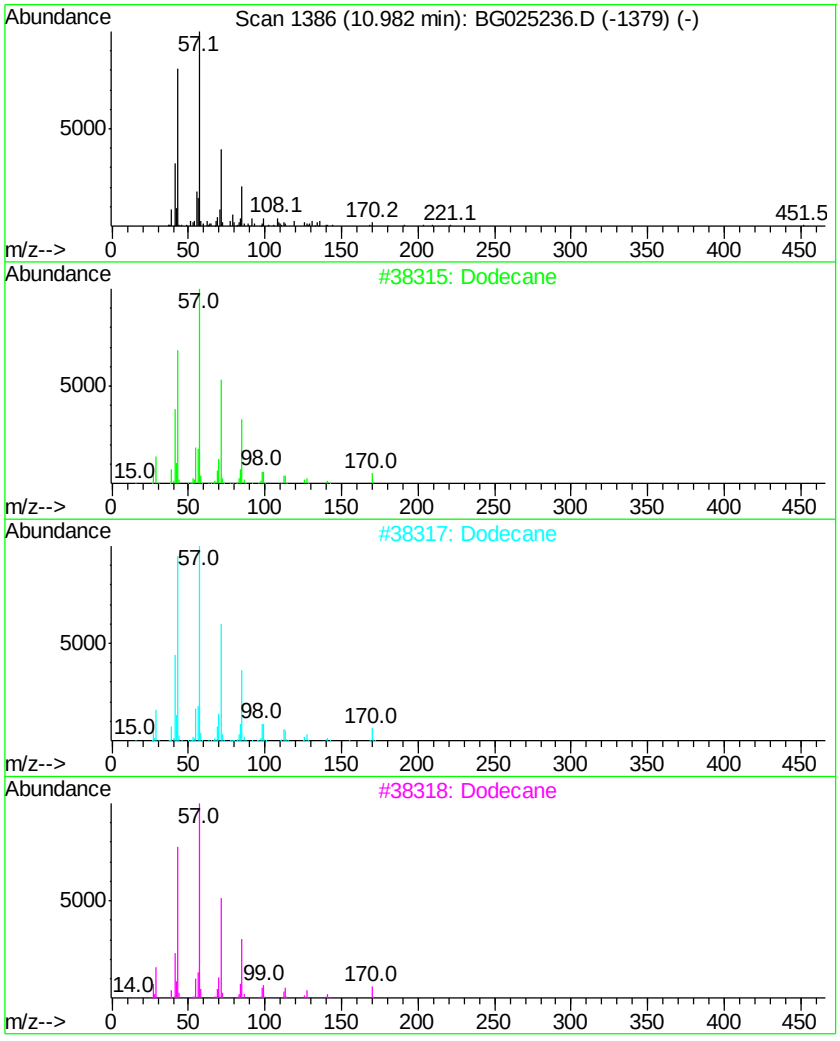
Quant Title : SVOA CALIBRATION

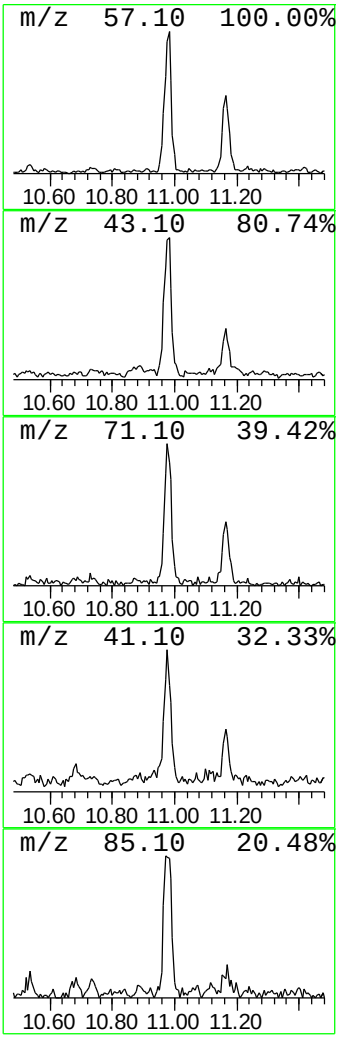
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	11.03 ng/ul	476322	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	94
2	Dodecane	170	C12H26	000112-40-3	91
3	Dodecane	170	C12H26	000112-40-3	91
4	Tridecane	184	C13H28	000629-50-5	86
5	Undecane	156	C11H24	001120-21-4	86





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

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

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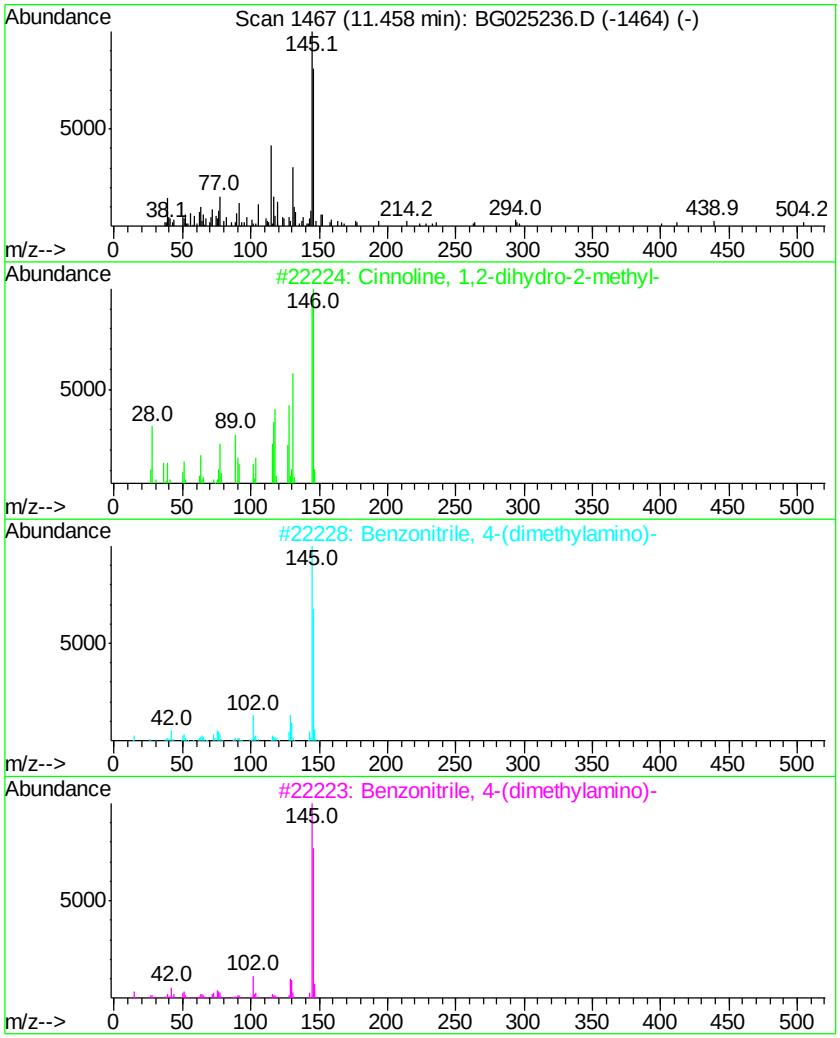
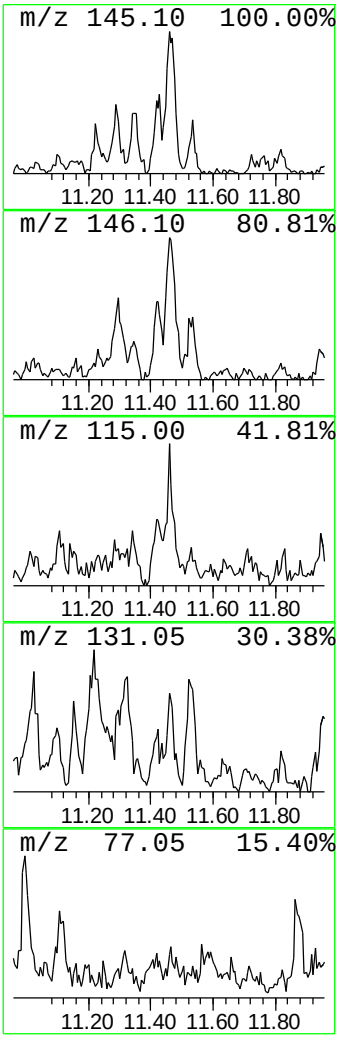
Peak Number 16 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.86 ng/ul	123613	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	59
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
4	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	43
5	4(1H)-Quinazolinone	146	C8H6N2O	000491-36-1	35





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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Quant Title : SVOA CALIBRATION

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

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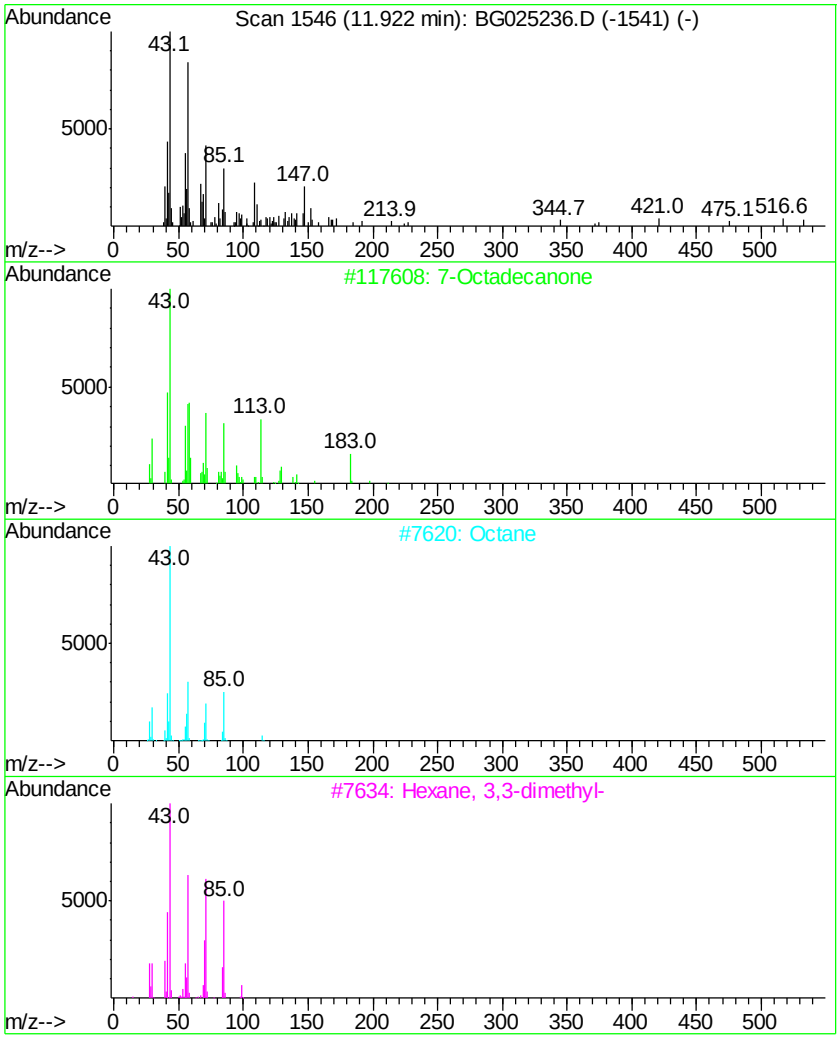
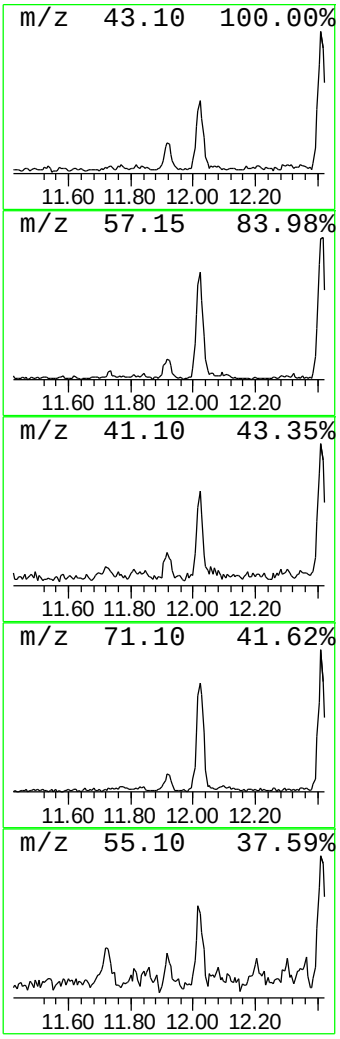
Peak Number 17 7-Octadecanone Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.71 ng/ul	160062	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octadecanone	268	C18H36O	018277-00-4	53
2	Octane	114	C8H18	000111-65-9	53
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
4	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	53
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53





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Instrument : BNA_G
ClientSampleId : DA835

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

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

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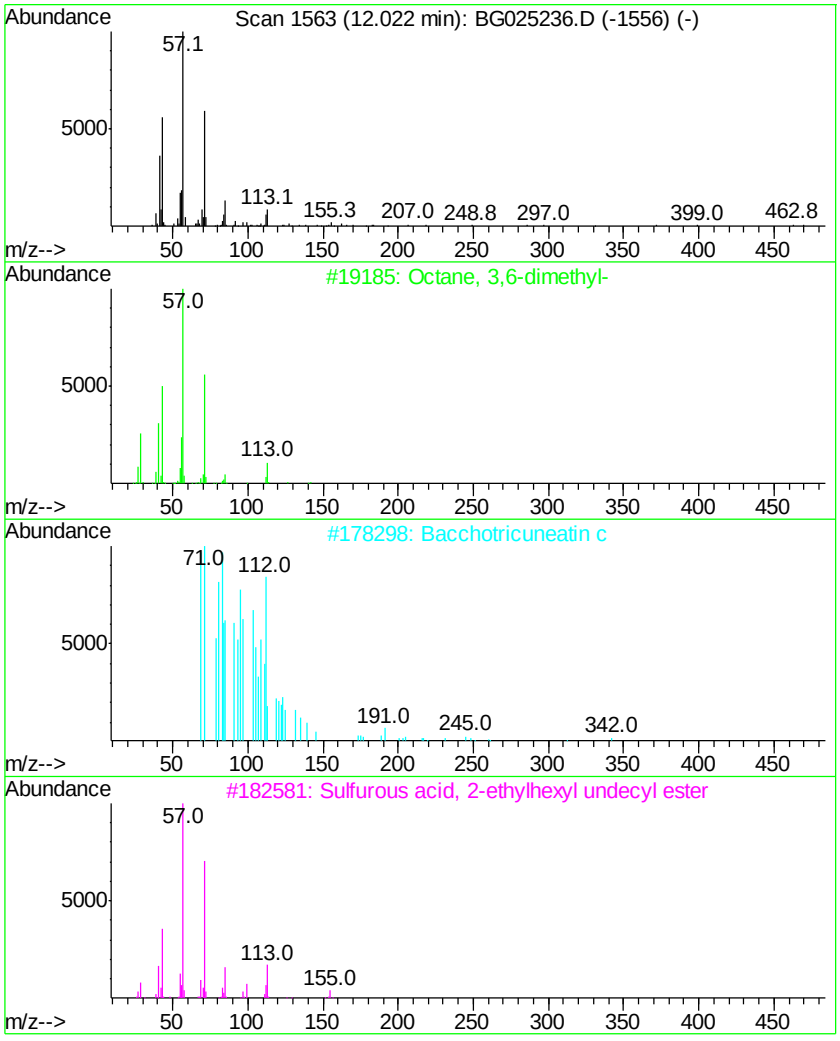
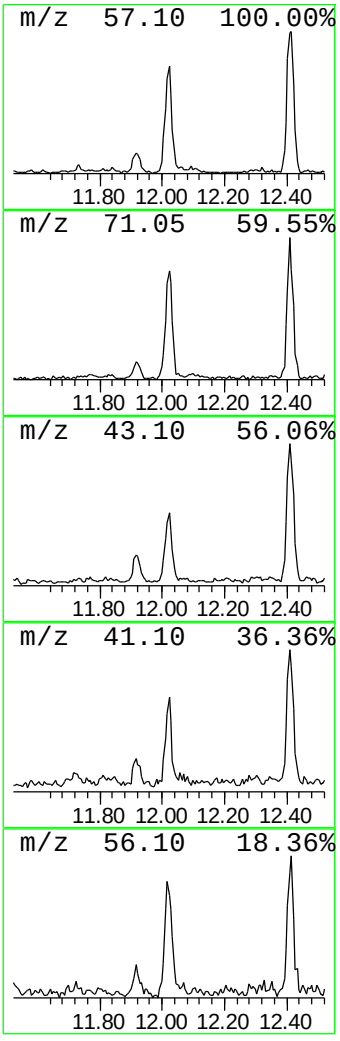
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	6.45 ng/ul	278756	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
4	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	64
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





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Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

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

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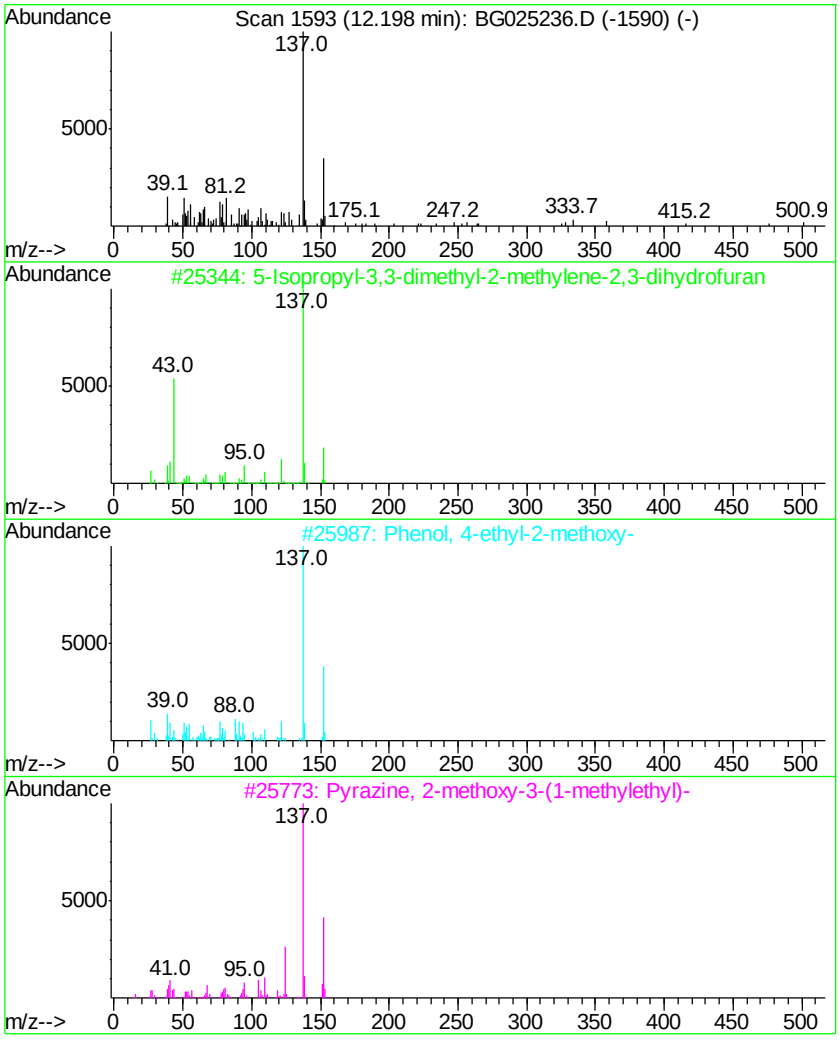
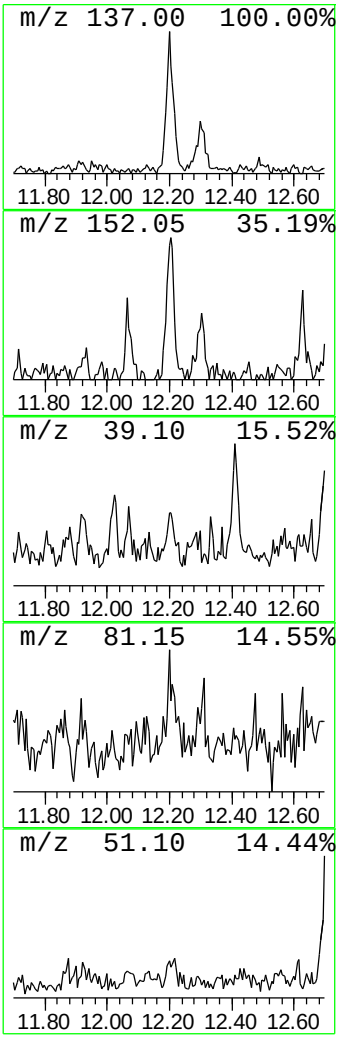
Peak Number 19 5-Isopropyl-3,3-dimethyl-2-... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.55 ng/ul	110027	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Isopropyl-3,3-dimethyl-2-methy...	152	C10H16O	081250-44-4	74
2	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	72
3	Pyrazine, 2-methoxy-3-(1-methyle...	152	C8H12N2O	025773-40-4	64
4	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	64
5	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	64





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Sample : H5938-13
Misc :
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Instrument : BNA_G
ClientSampleId : DA835

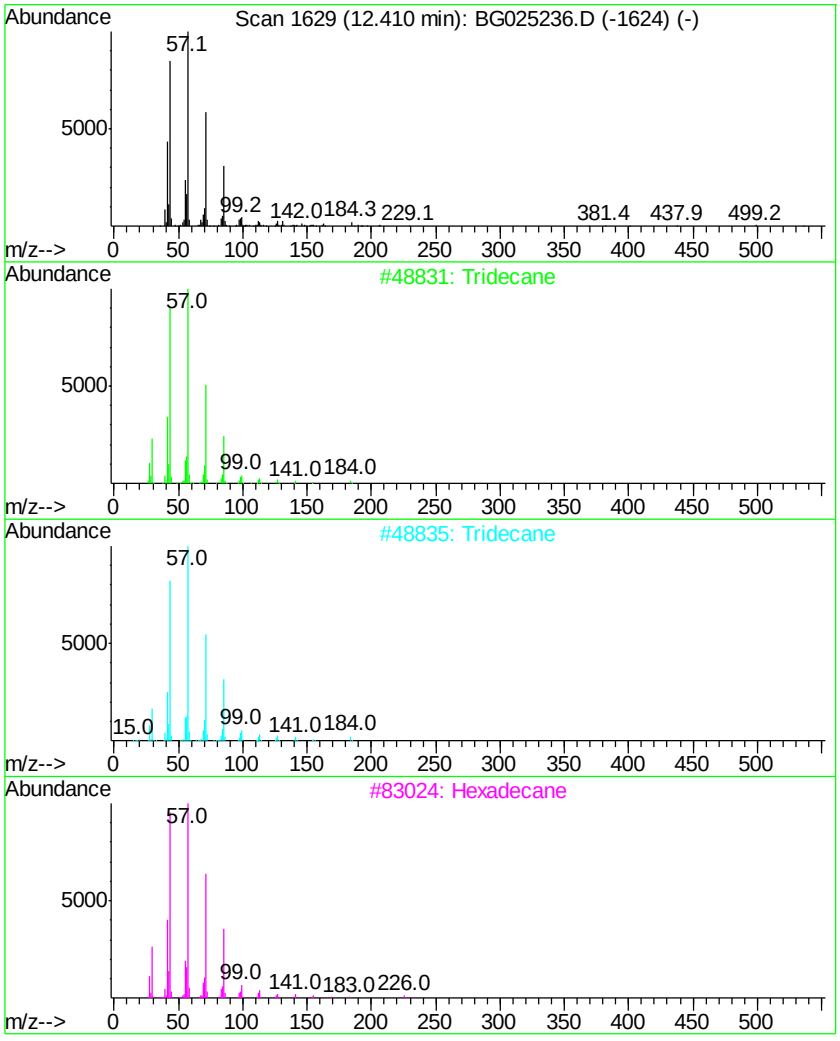
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

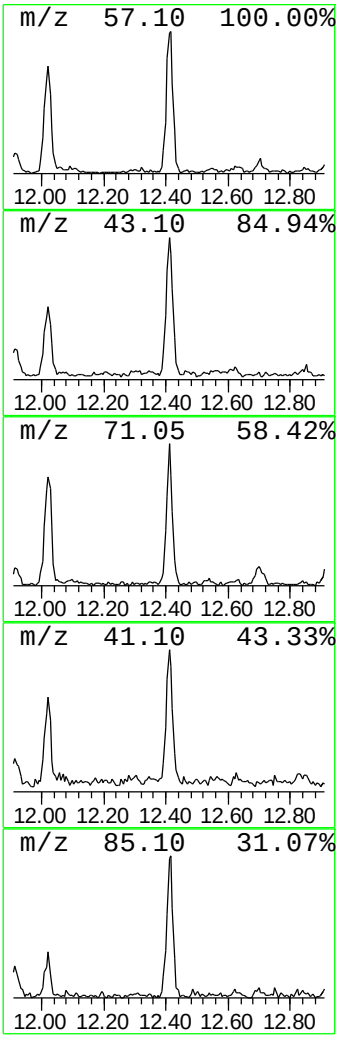
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	10.09 ng/ul	435640	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane	184	C13H28	000629-50-5	83
3	Hexadecane	226	C16H34	000544-76-3	78
4	Tetradecane	198	C14H30	000629-59-4	78
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : DA835

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Quant Title : SVOA CALIBRATION

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

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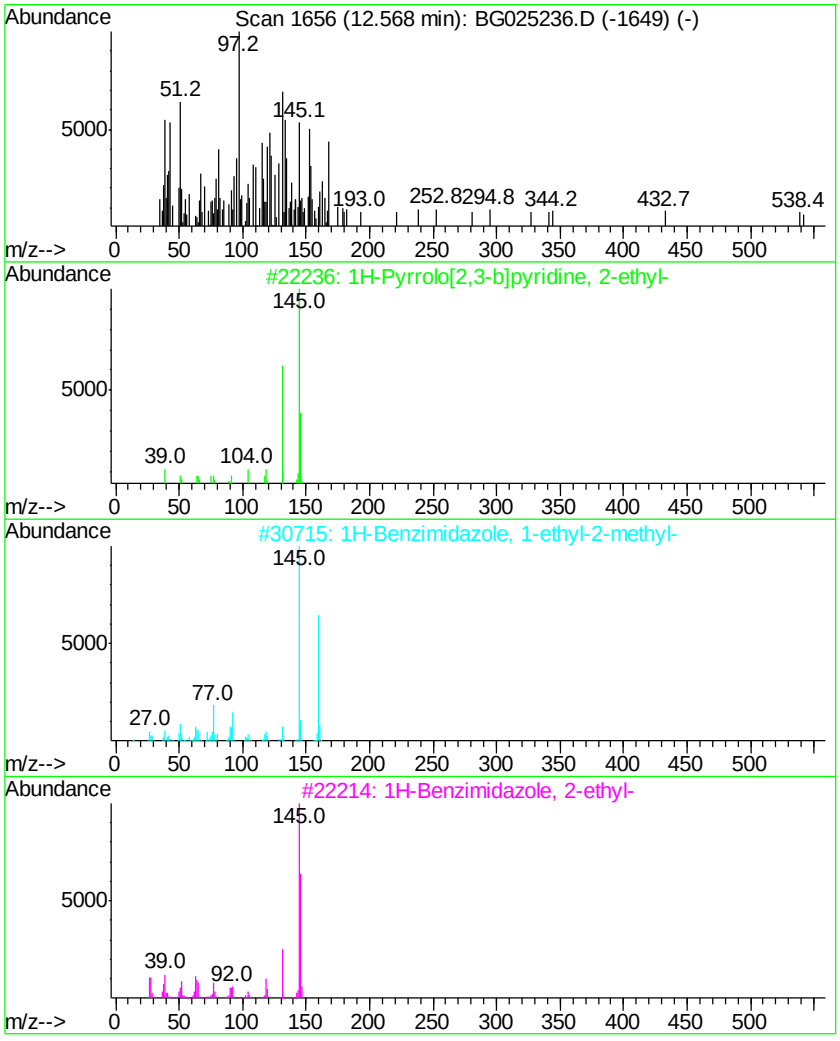
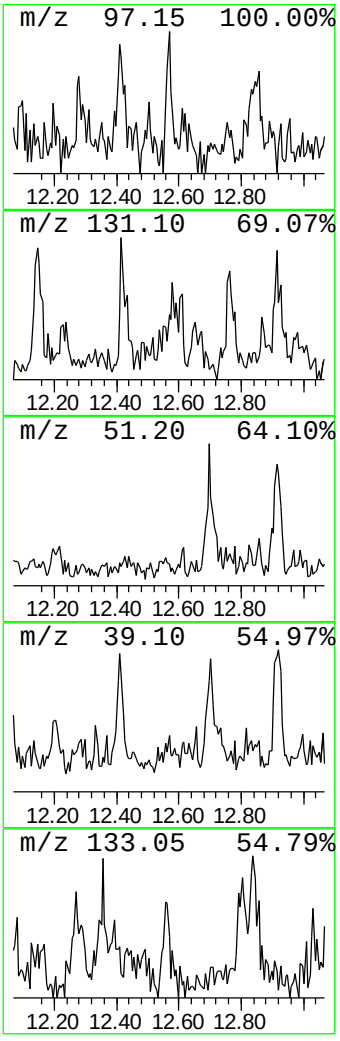
Peak Number 21 unknown-06 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.26 ng/ul	97634	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[2,3-b]pyridine, 2-ethyl-	146	C9H10N2	023612-49-9	38
2	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	22
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	22
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	22
5	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	22





Library Search Compound Report

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Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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Quant Title : SVOA CALIBRATION

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

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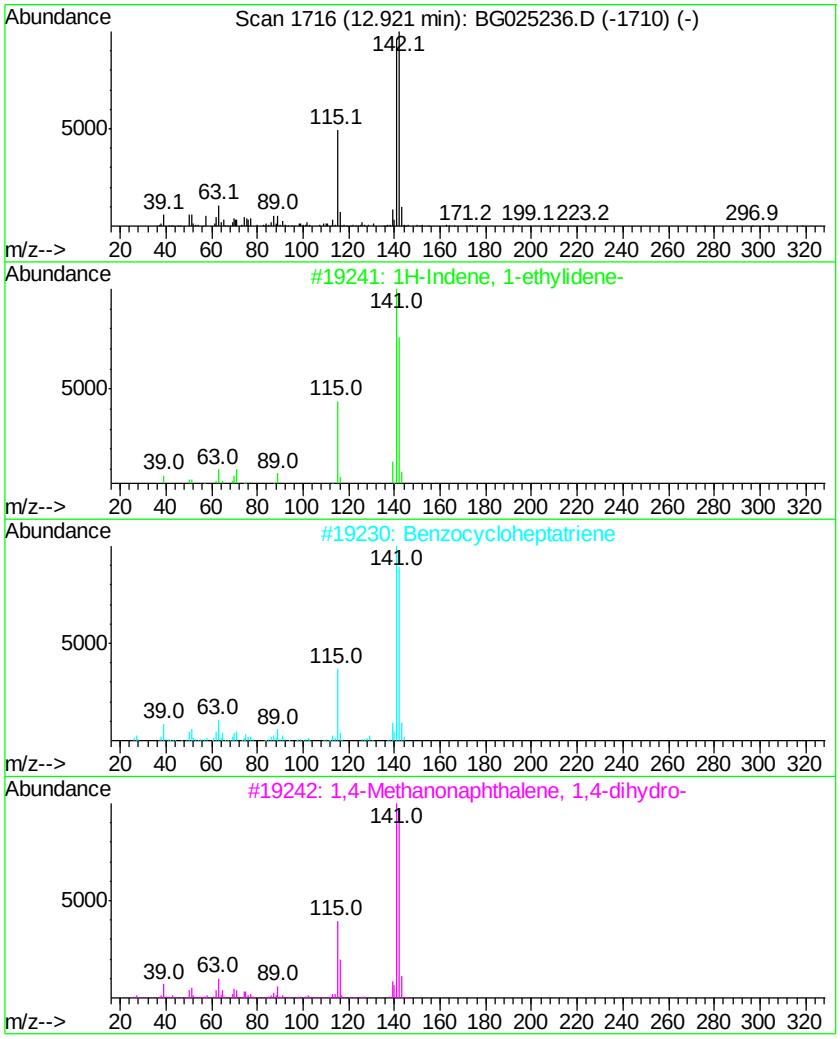
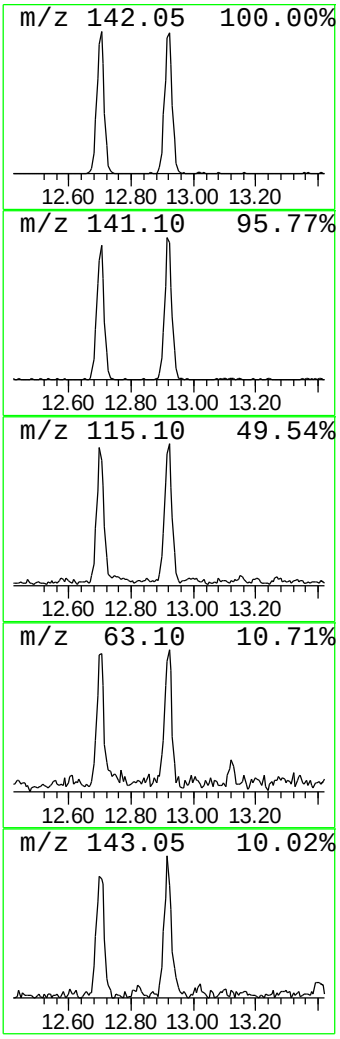
Peak Number 22 1H-Indene, 1-ethylidene- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	15.58 ng/ul	673016	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
2	Benzocycloheptatriene	142	C11H10	000264-09-5	91
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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Quant Title : SVOA CALIBRATION

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

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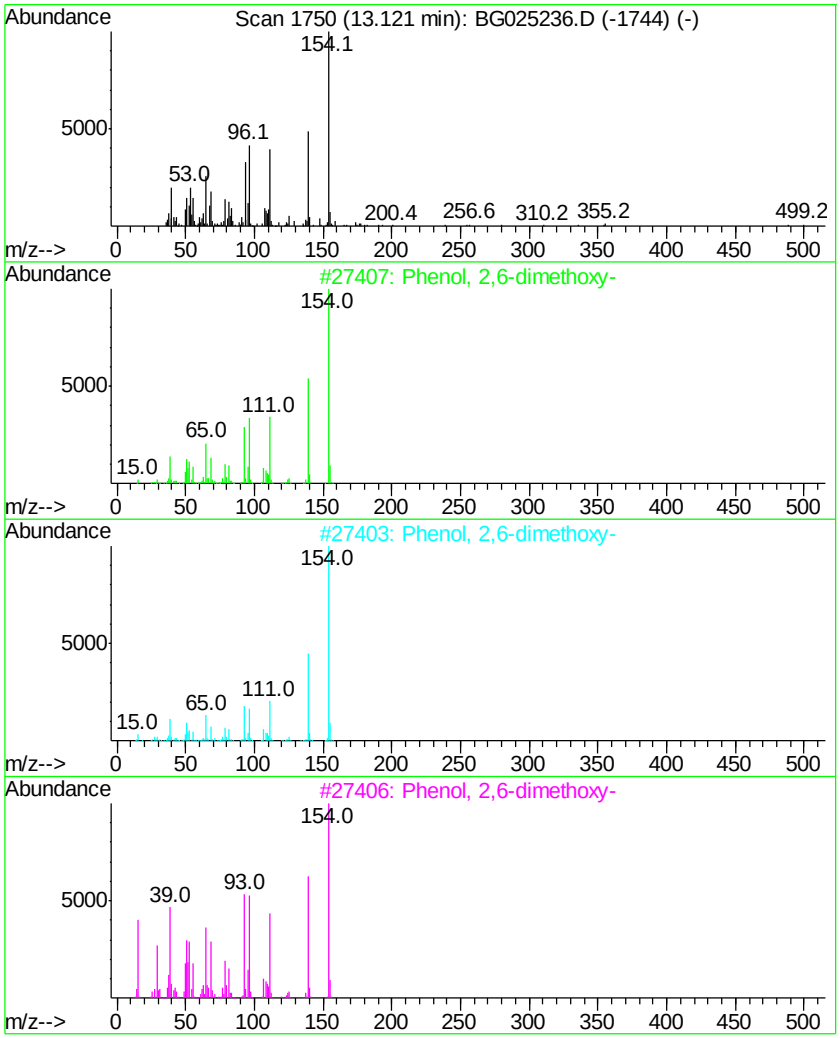
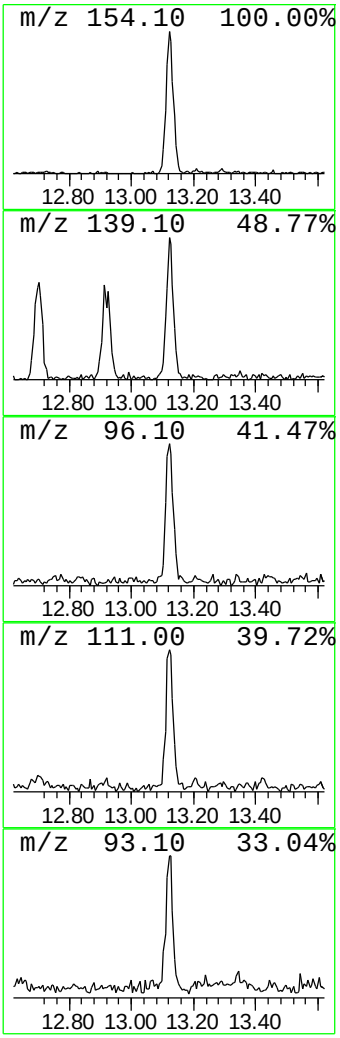
Peak Number 23 Phenol, 2,6-dimethoxy- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	7.03 ng/ul	459235	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	95
2	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	94
3	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	90
4	Phenol, 3,4-dimethoxy-	154	C8H10O3	002033-89-8	62
5	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	52





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : DA835

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

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

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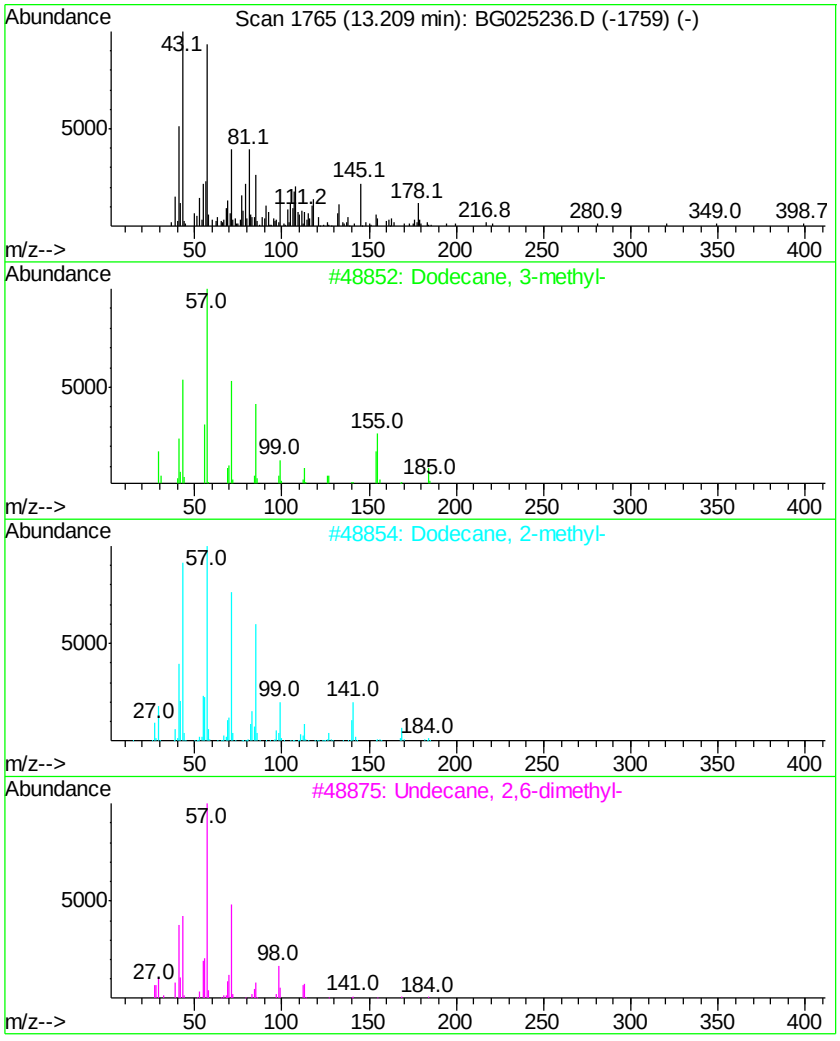
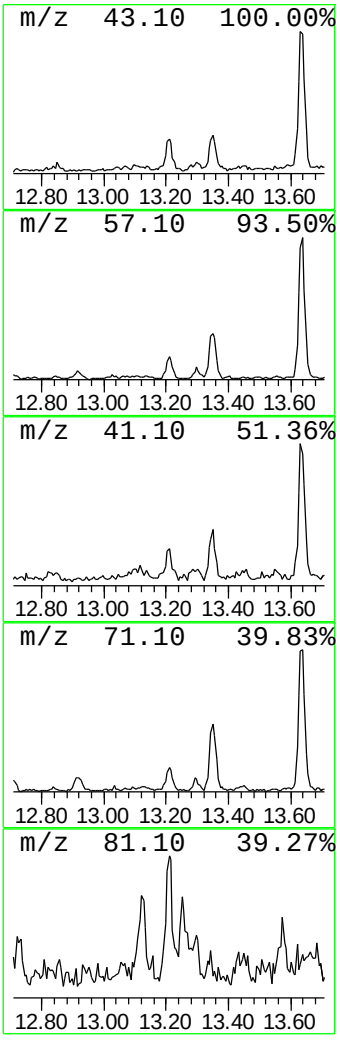
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	3.49 ng/ul	228320	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	38
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	35
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	30





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Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

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

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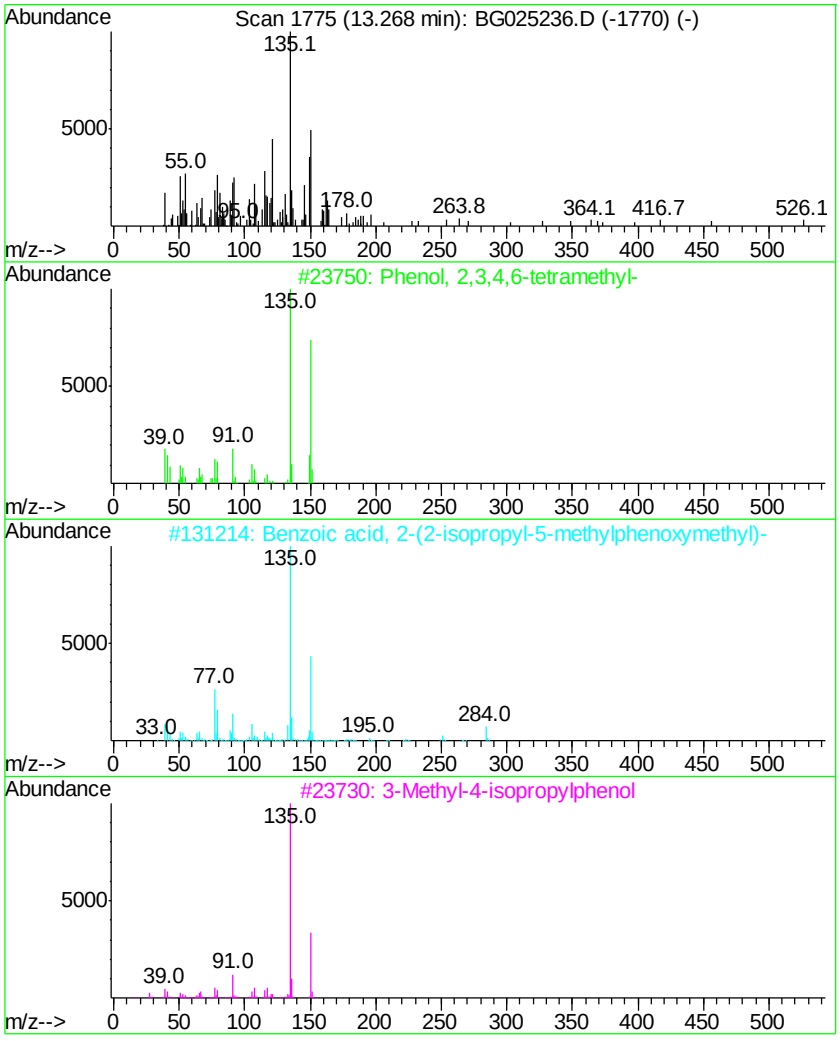
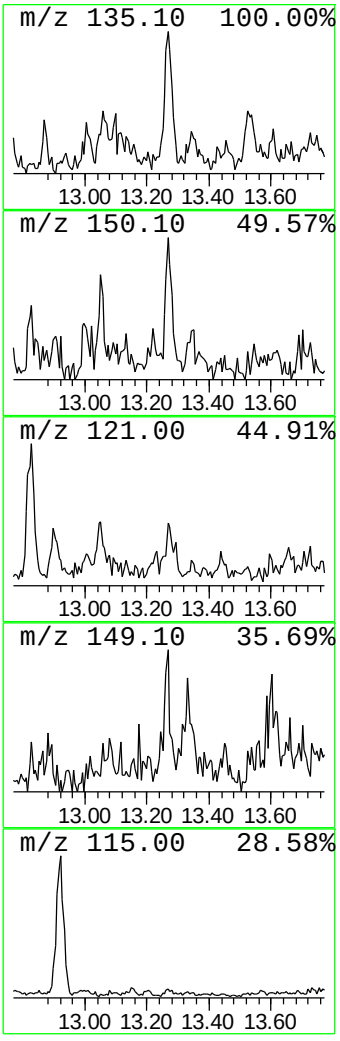
Peak Number 25 Phenol, 2,3,4,6-tetramethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.95 ng/ul	192977	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetramethyl-	150	C10H14O	003238-38-8	50
2	Benzoic acid, 2-(2-isopropyl-5-m...	284	C18H20O3	1000317-22-1	50
3	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	46
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	45
5	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	45





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Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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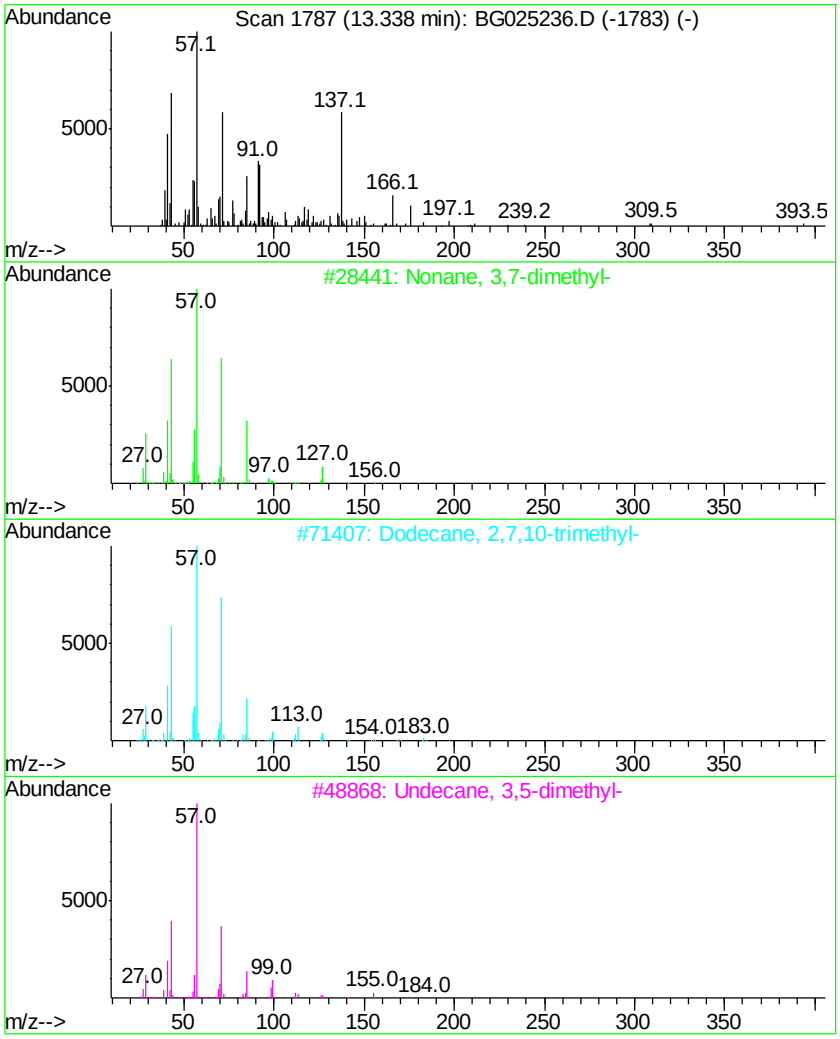
Quant Title : SVOA CALIBRATION

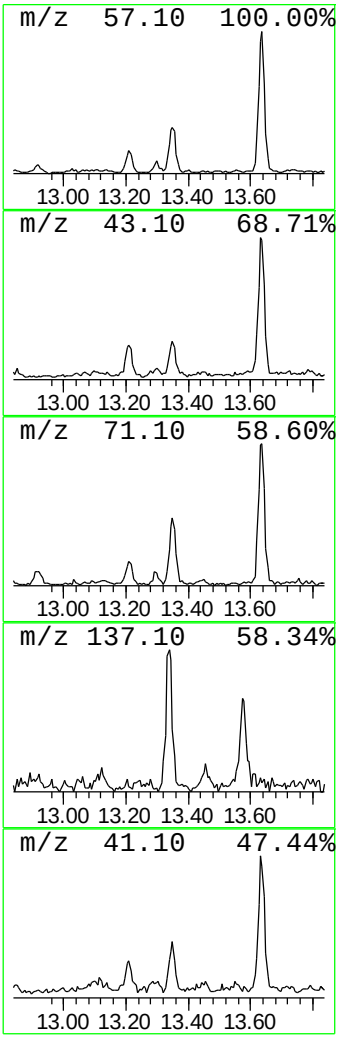
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	4.20 ng/ul	274383	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	46
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	43
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	43
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

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

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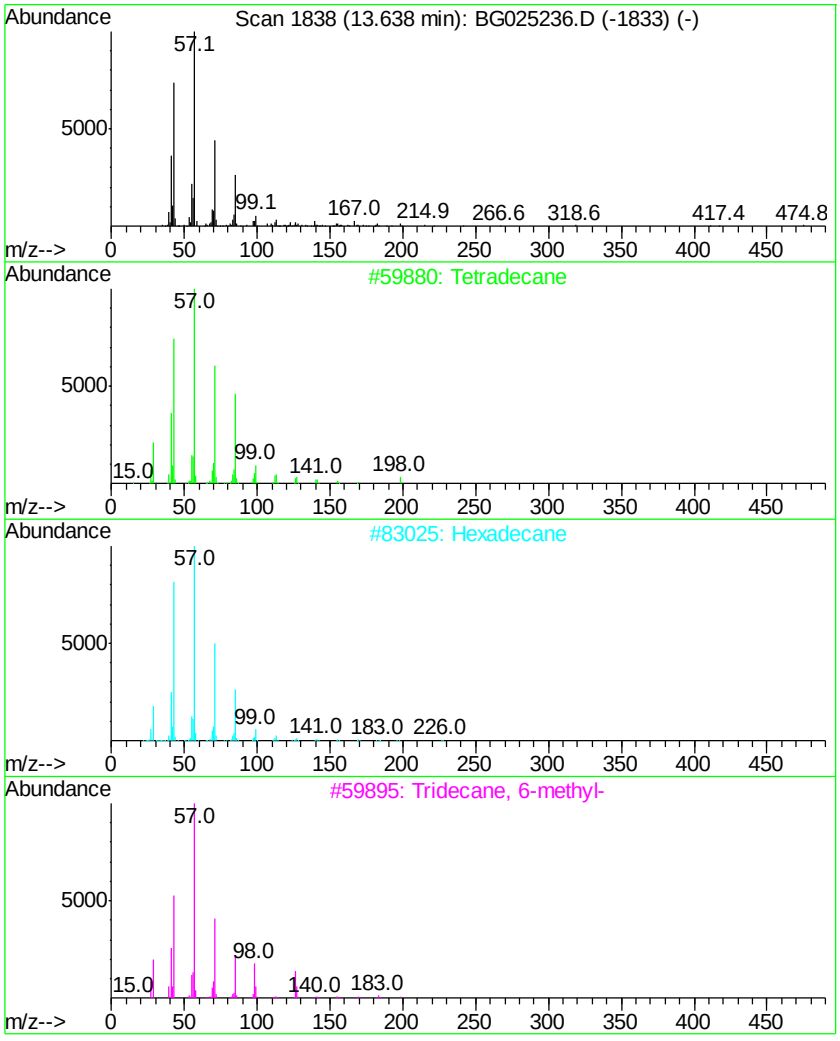
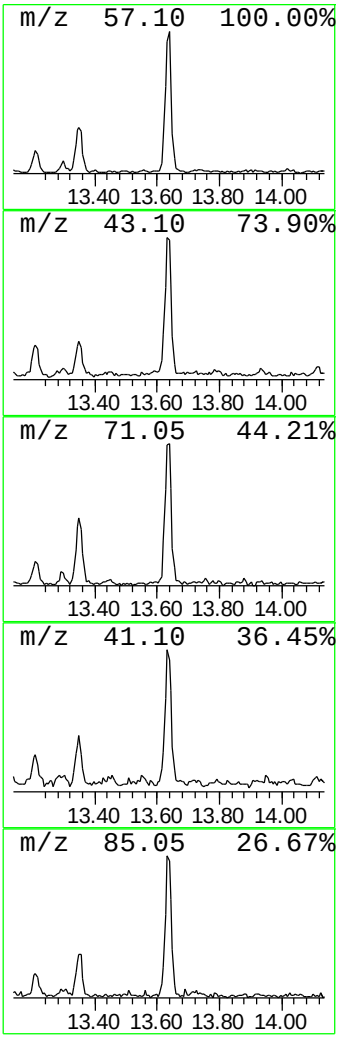
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	8.54 ng/ul	557869	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Eicosane	282	C20H42	000112-95-8	78





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Sample : H5938-13
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Quant Title : SVOA CALIBRATION

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

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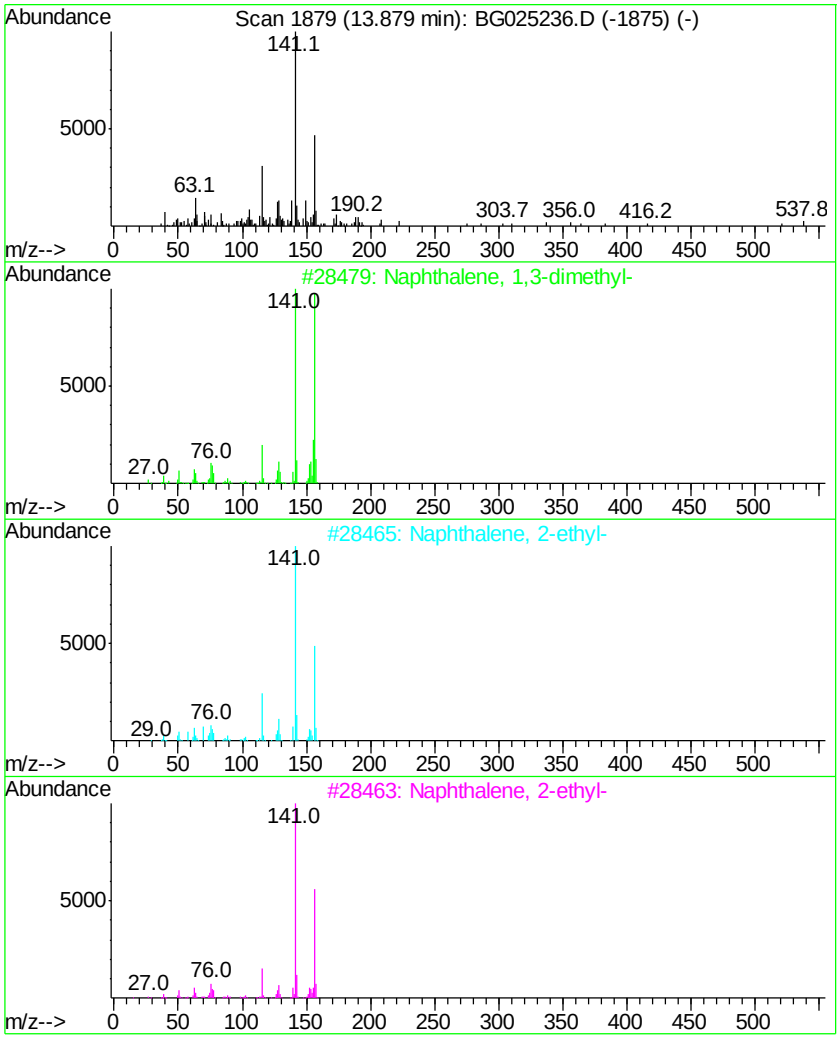
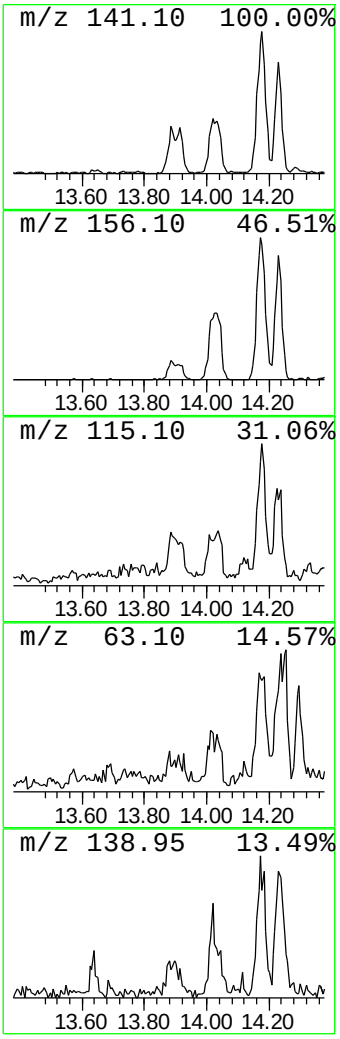
Peak Number 28 Naphthalene, 1,3-dimethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	2.88 ng/ul	188380	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	80
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	64
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53
5	2,5-Dimethoxyfluorobenzene	156	C8H9FO2	082830-49-7	53





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Sample : H5938-13
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Instrument : BNA_G
ClientSampleId : DA835

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Quant Title : SVOA CALIBRATION

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

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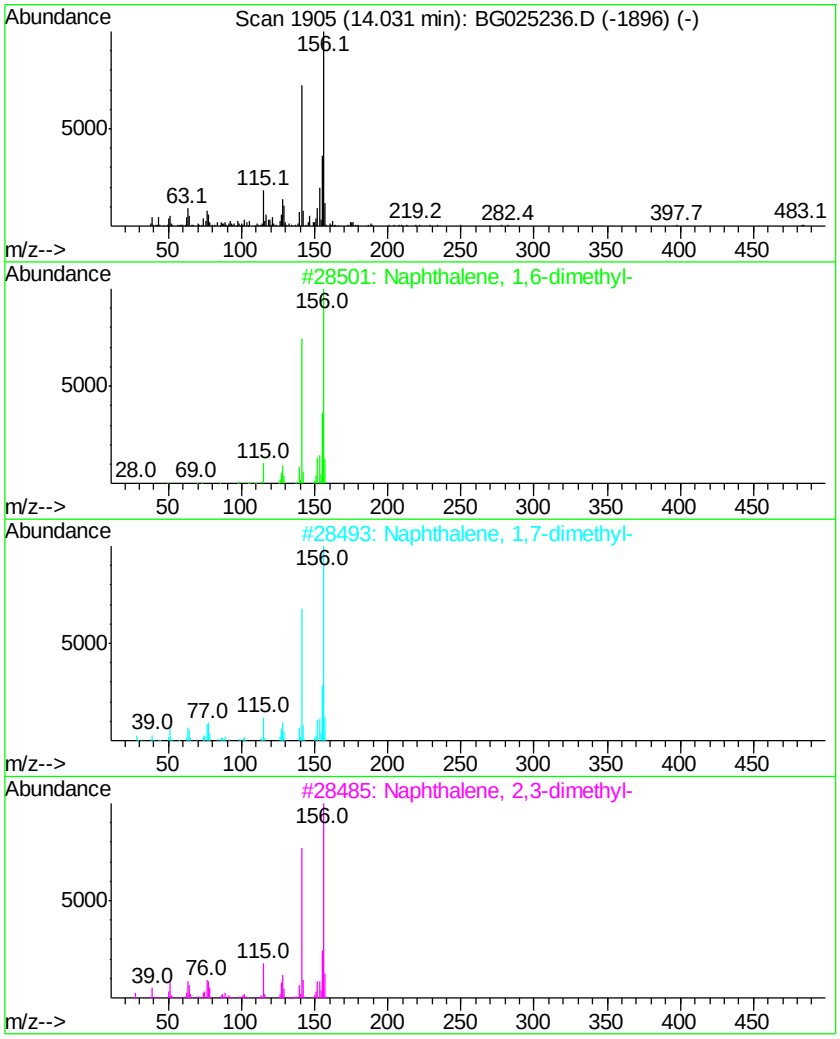
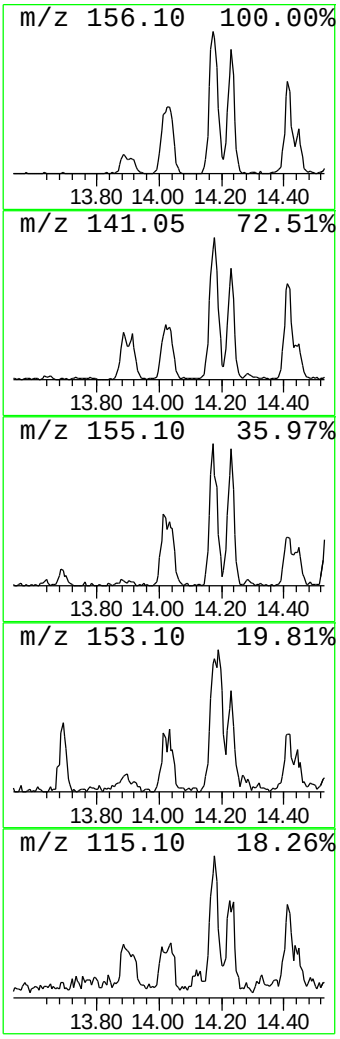
Peak Number 29 Naphthalene, 1,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	7.69 ng/ul	502405	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91





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Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

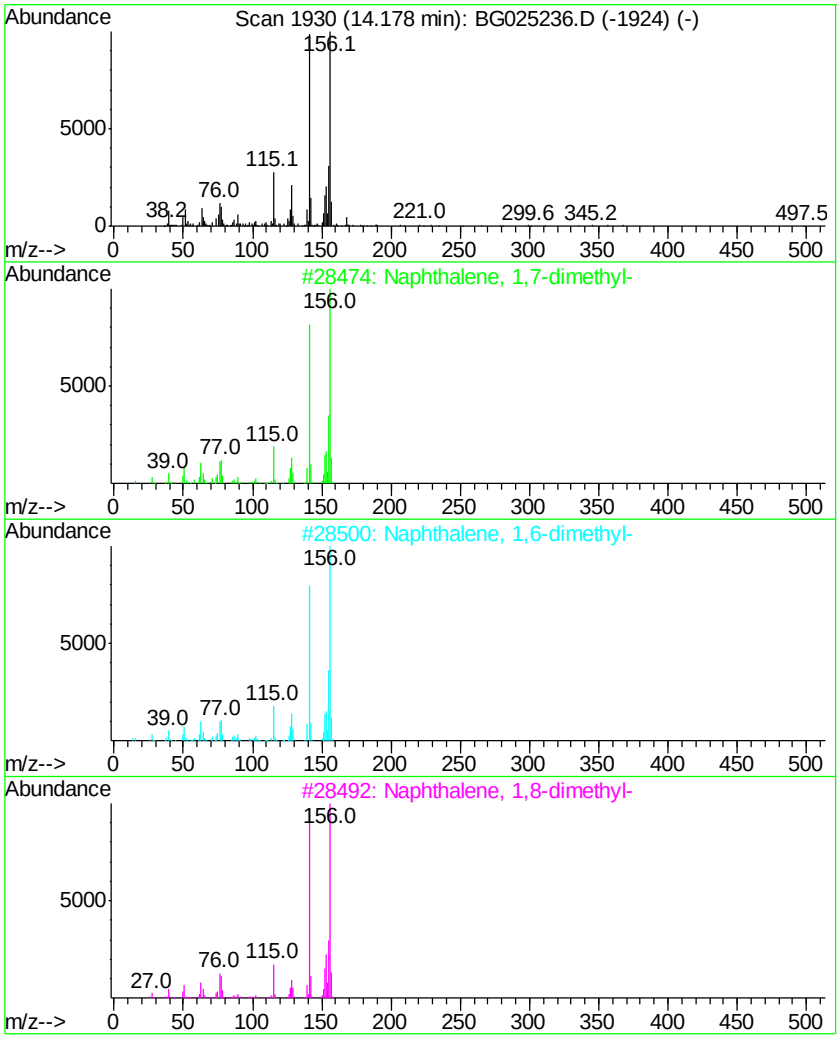
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

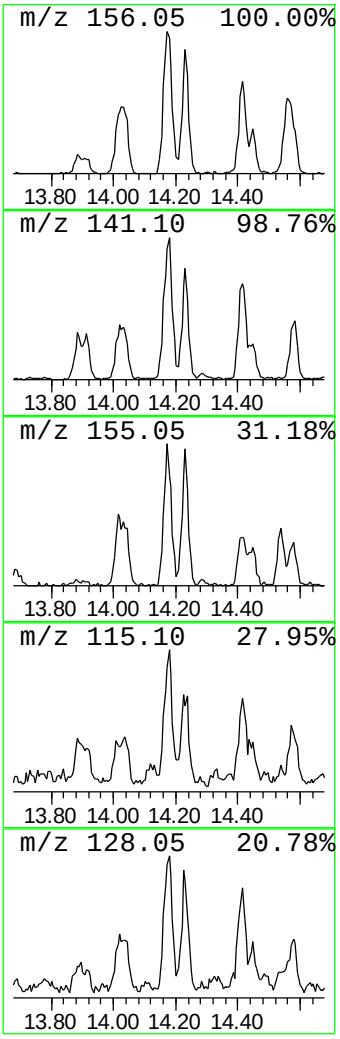
****

Peak Number 30 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	14.27 ng/ul	932752	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





Library Search Compound Report

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Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

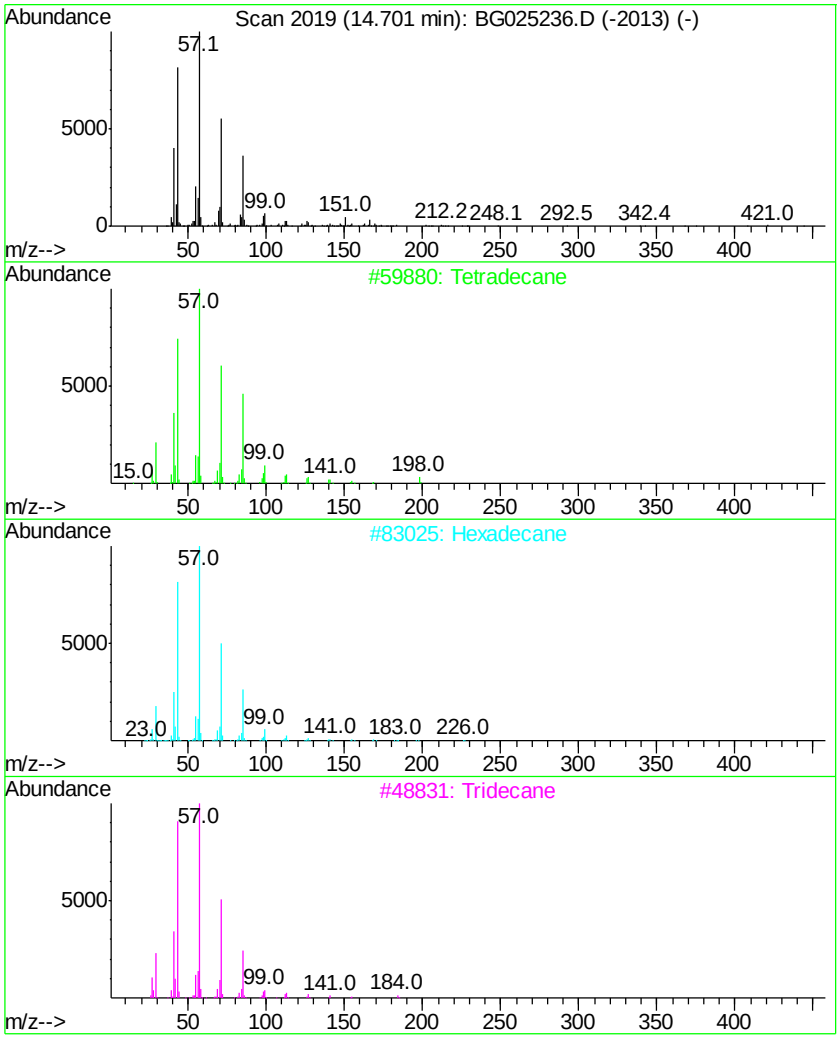
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

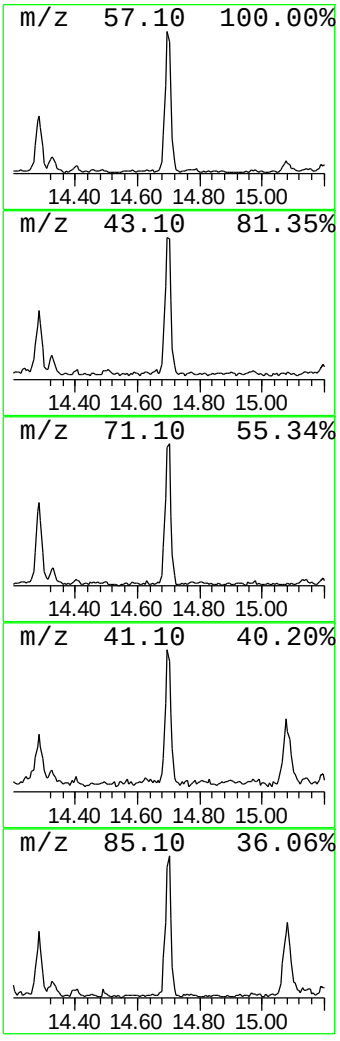
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	11.60 ng/ul	758244	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane	184	C13H28	000629-50-5	72
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	58
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	58





Library Search Compound Report

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Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

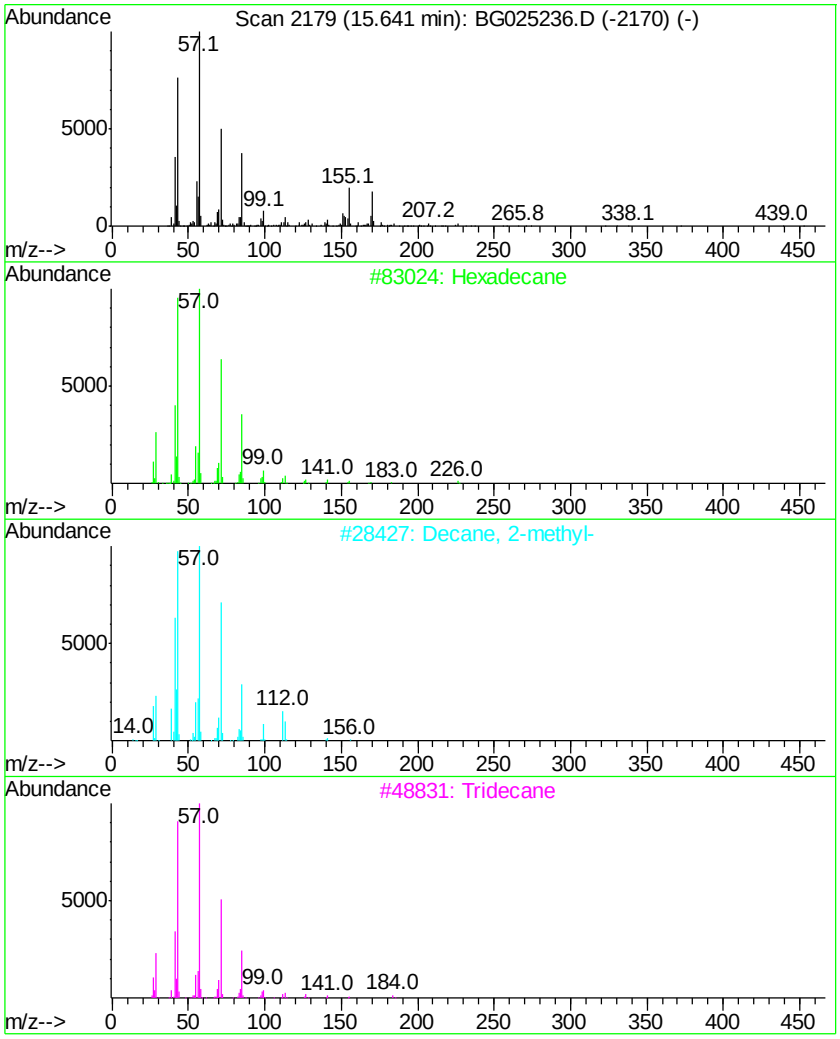
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

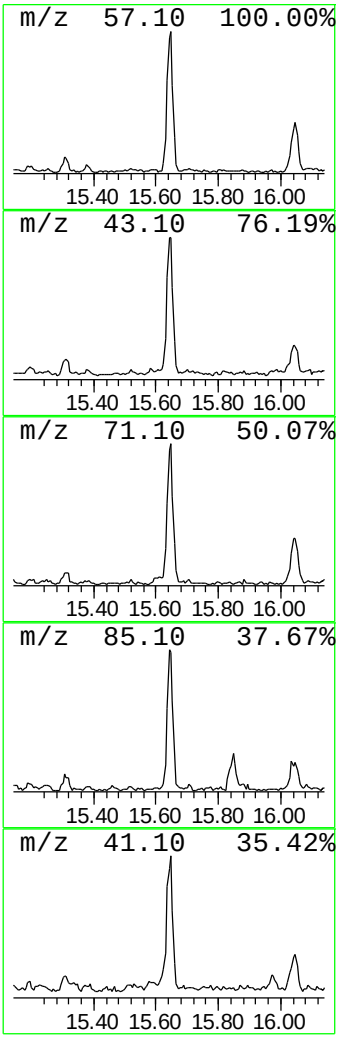
****

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	23.90 ng/ul	1561780	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Decane, 2-methyl-	156	C11H24	006975-98-0	53
3	Tridecane	184	C13H28	000629-50-5	53
4	Hexadecane	226	C16H34	000544-76-3	50
5	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	50





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Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

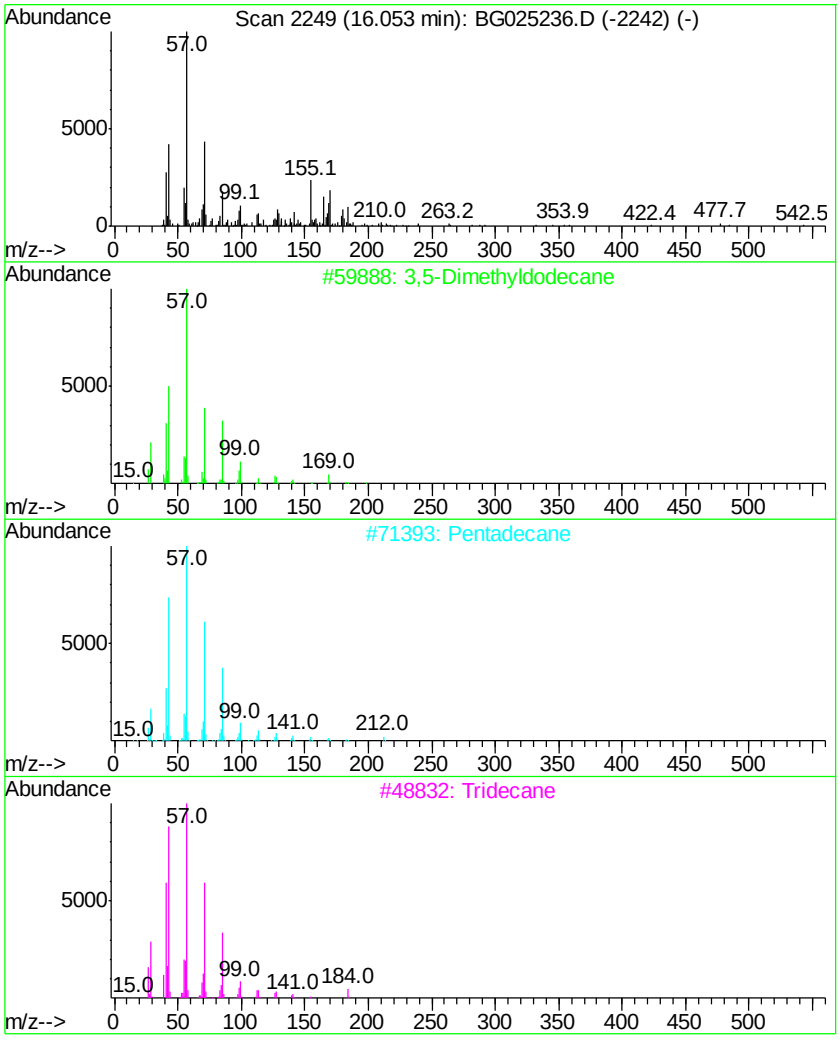
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

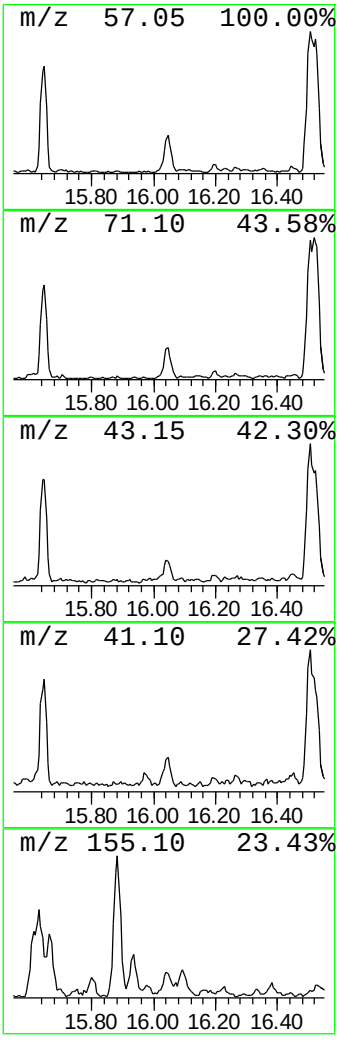
****

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	5.58 ng/ul	364384	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	55
2	Pentadecane	212	C15H32	000629-62-9	55
3	Tridecane	184	C13H28	000629-50-5	46
4	Tridecane	184	C13H28	000629-50-5	43
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	43





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Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

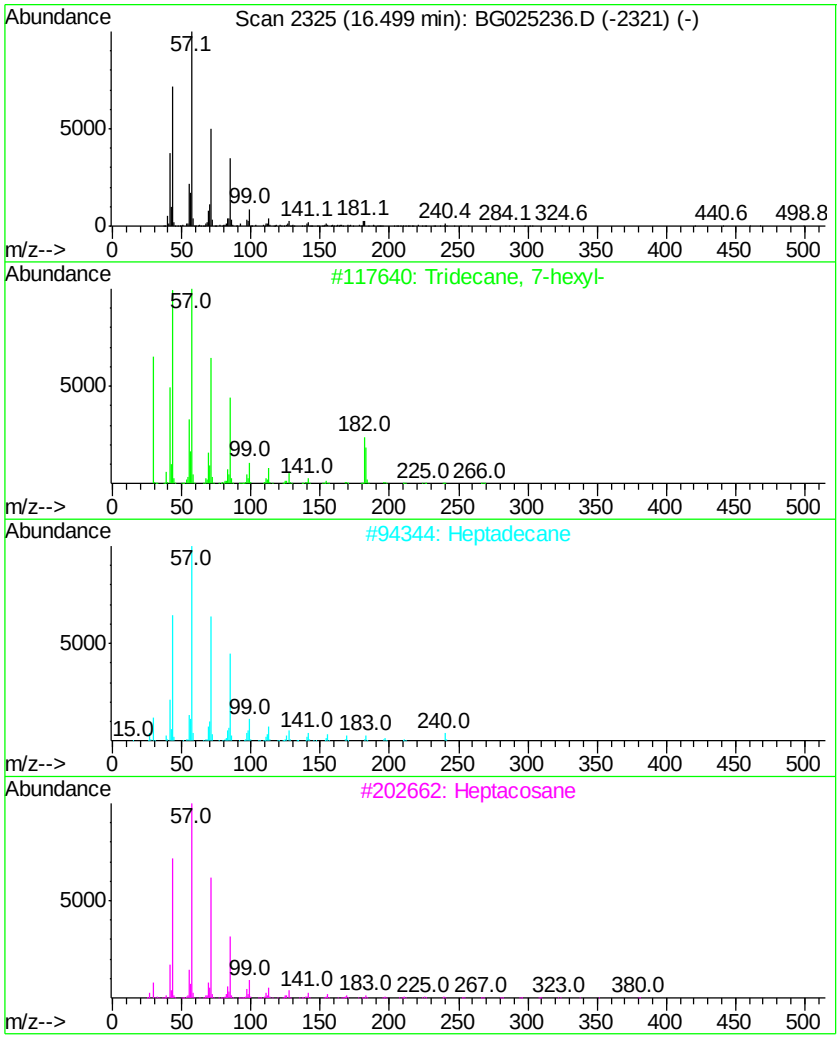
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

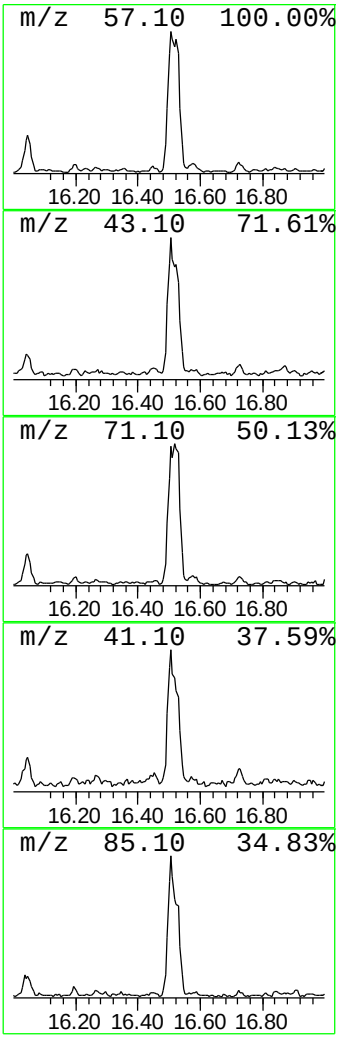
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	30.44 ng/ul	2367940	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	Heptacosane	380	C27H56	000593-49-7	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Heptadecane	240	C17H36	000629-78-7	87





Library Search Compound Report

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Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

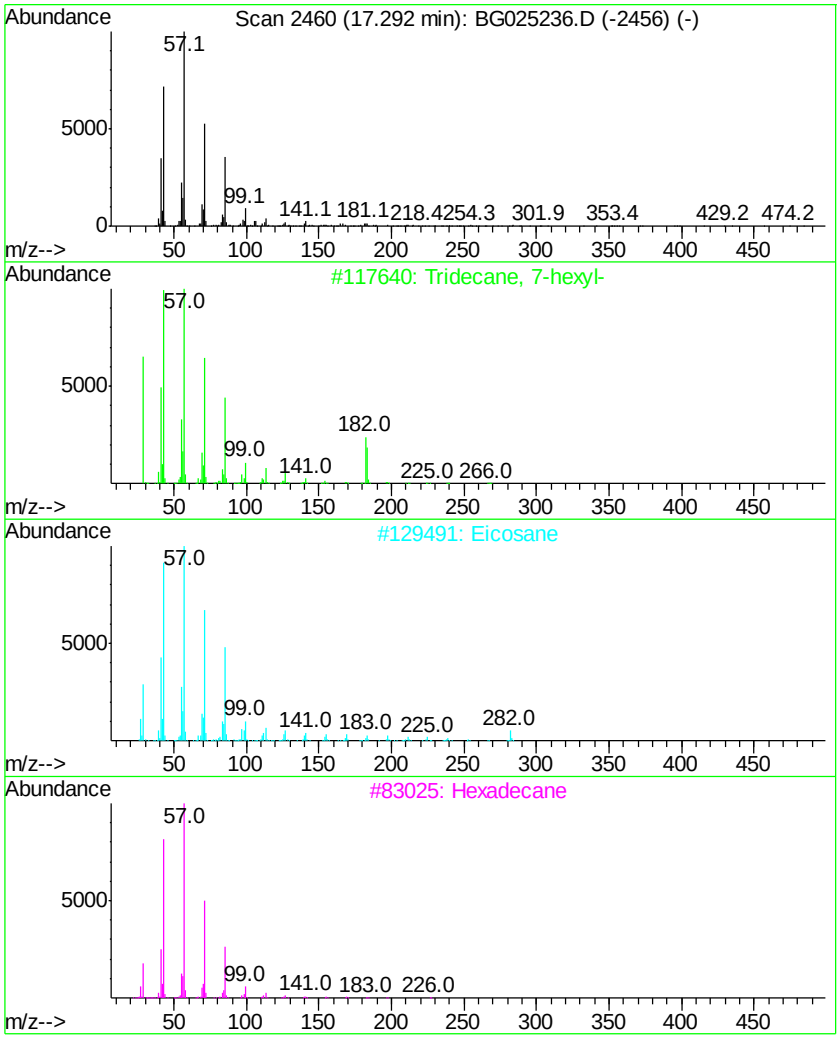
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

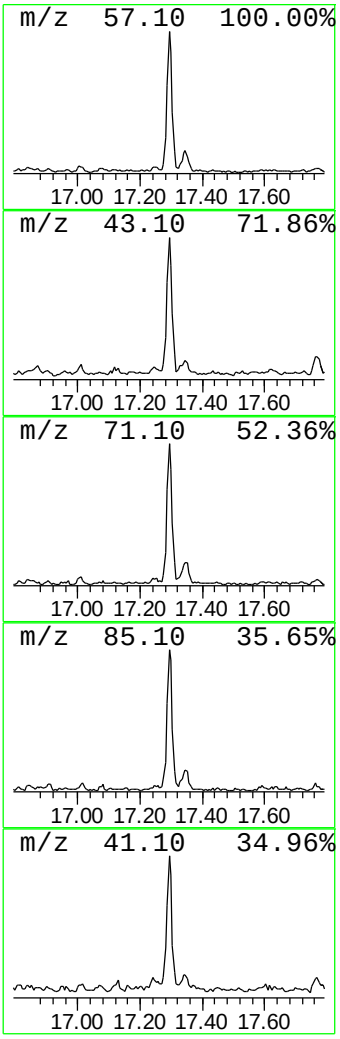
****

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	21.78 ng/ul	1693860	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Octadecane	254	C18H38	000593-45-3	81





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Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

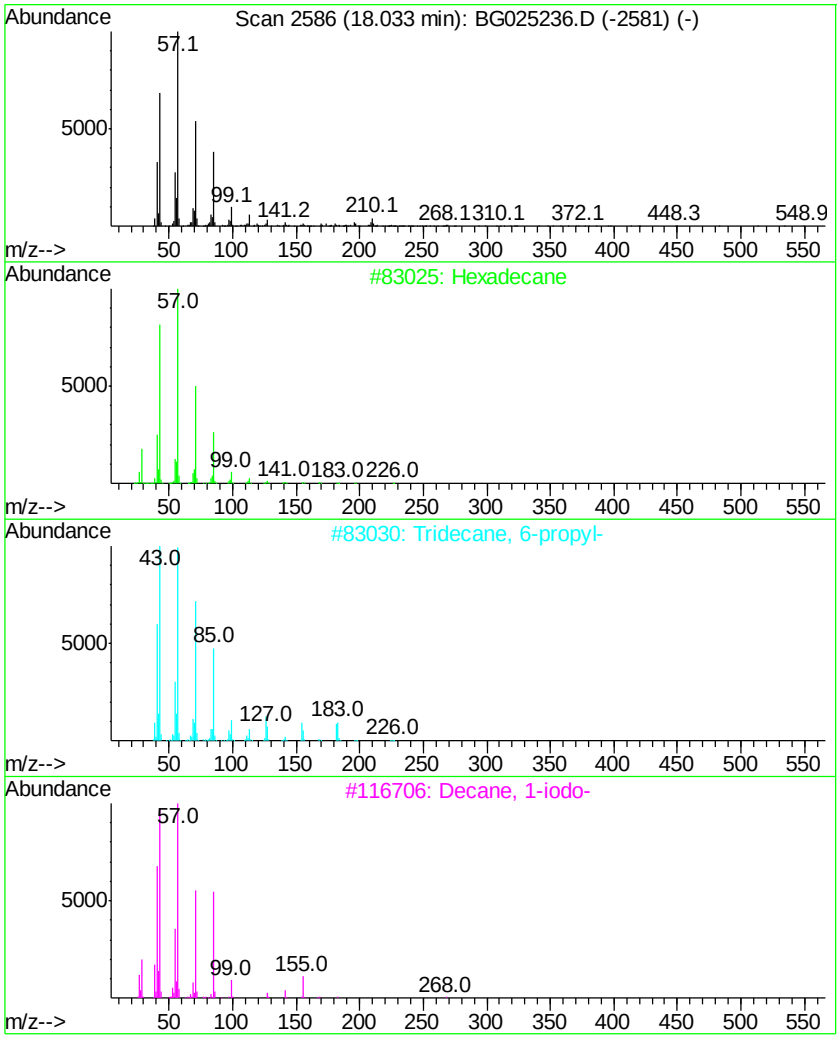
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

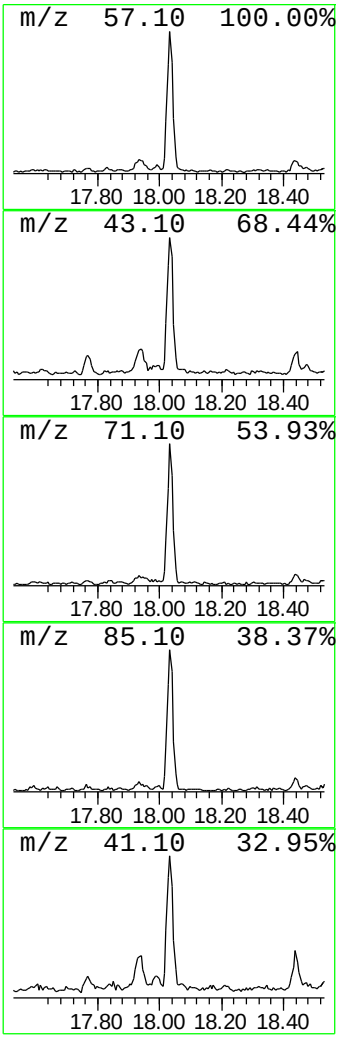
****

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	20.03 ng/ul	1557820	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





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Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

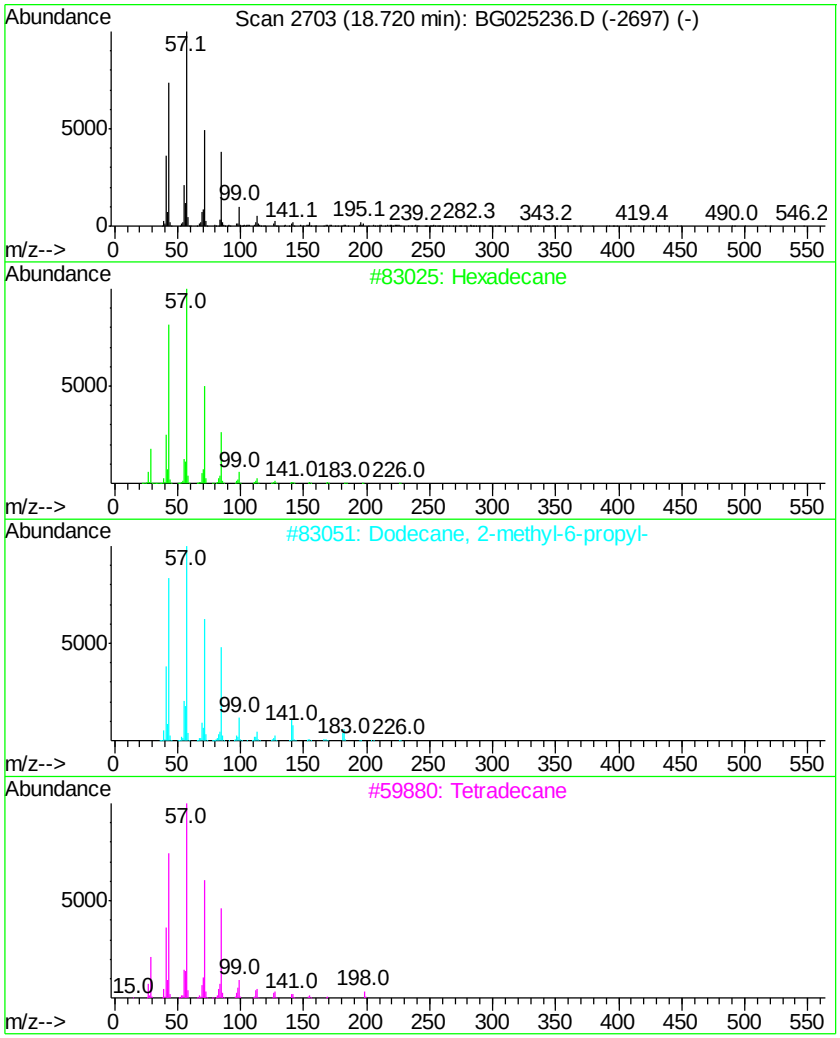
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

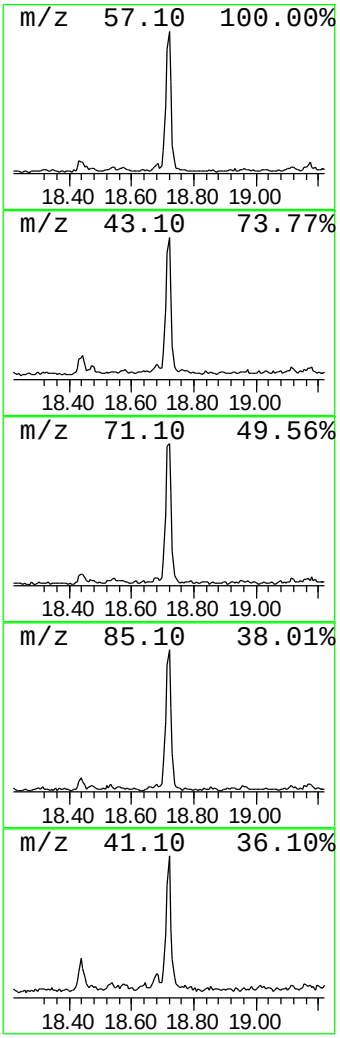
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	19.81 ng/ul	1540890	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	83
5	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	68





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Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

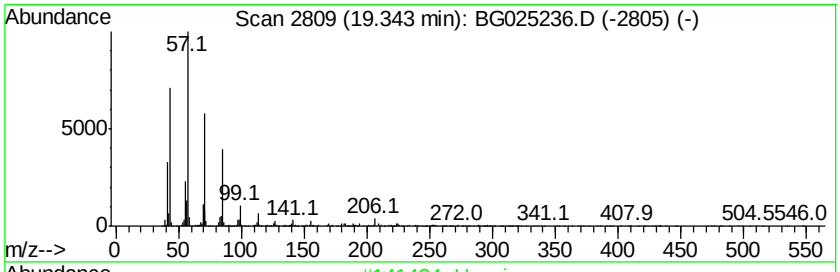
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

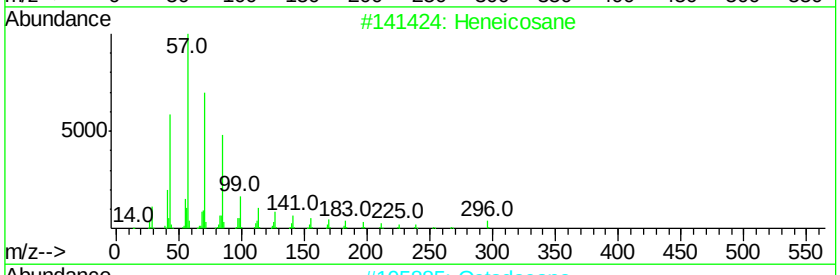
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

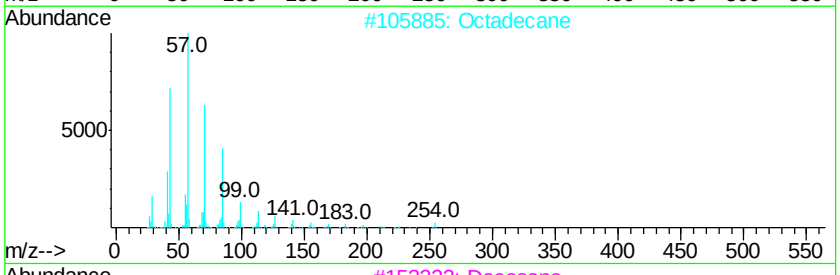
****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 11

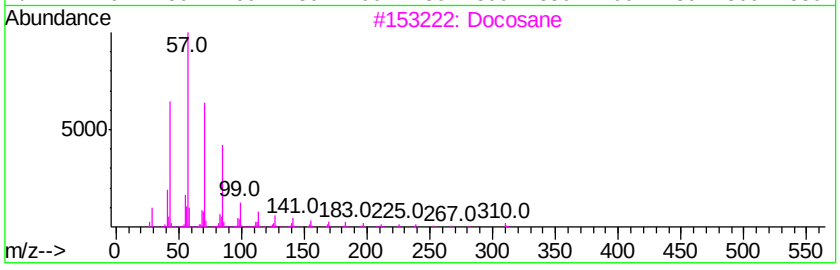
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	15.04 ng/ul	1169830	Phenanthrene-d10	17.60

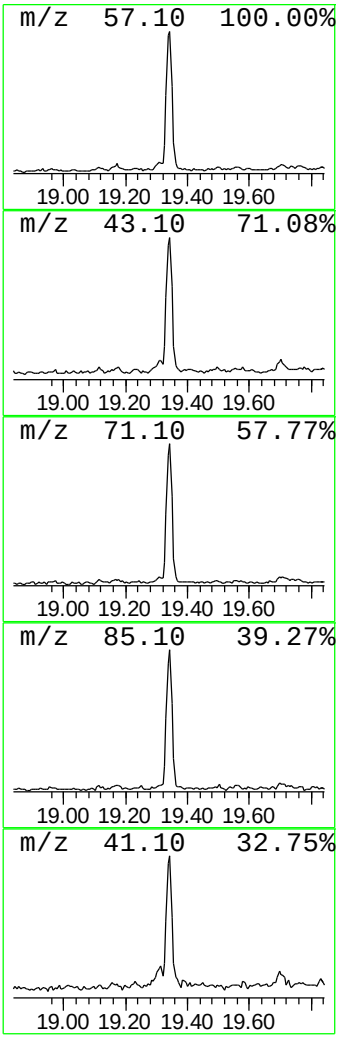
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Octadecane	254	C18H38	000593-45-3	91
3	Docosane	310	C22H46	000629-97-0	91
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
5	Eicosane	282	C20H42	000112-95-8	86











Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

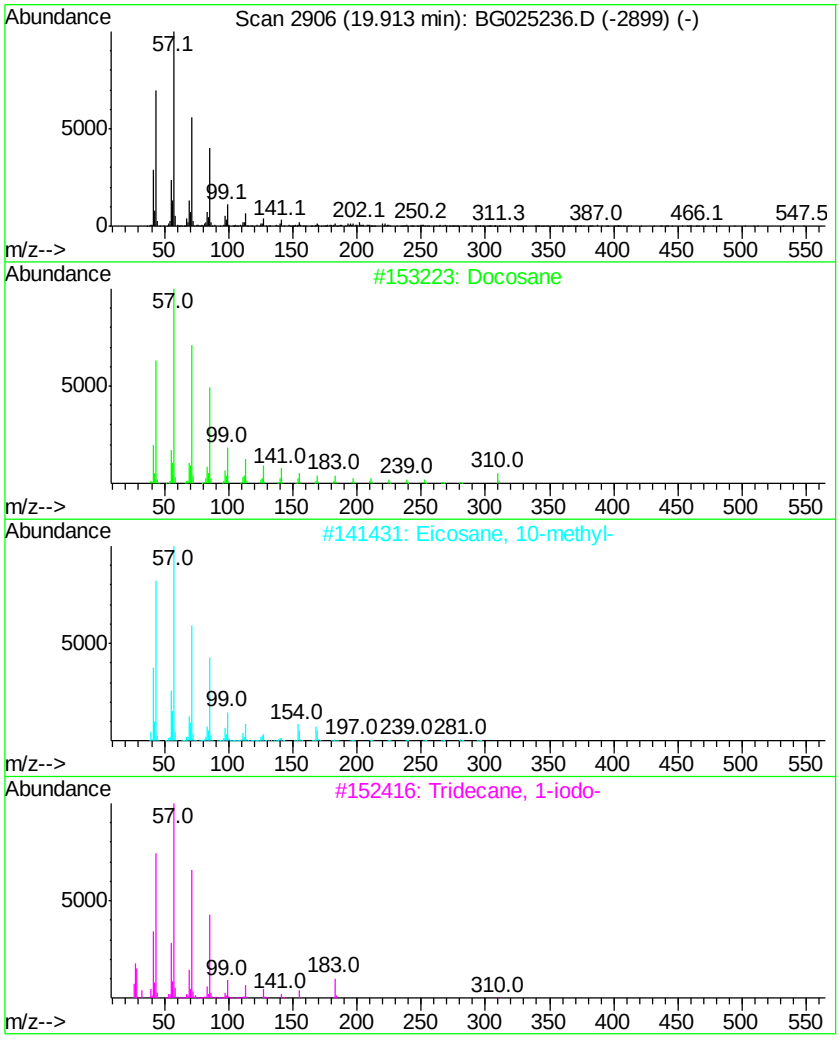
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

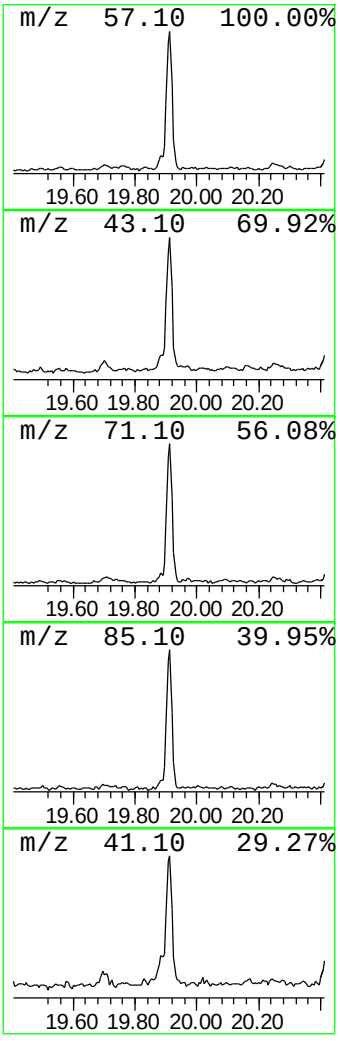
****

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	19.31 ng/ul	1559810	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heneicosane	296	C21H44	000629-94-7	89





Library Search Compound Report

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Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

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

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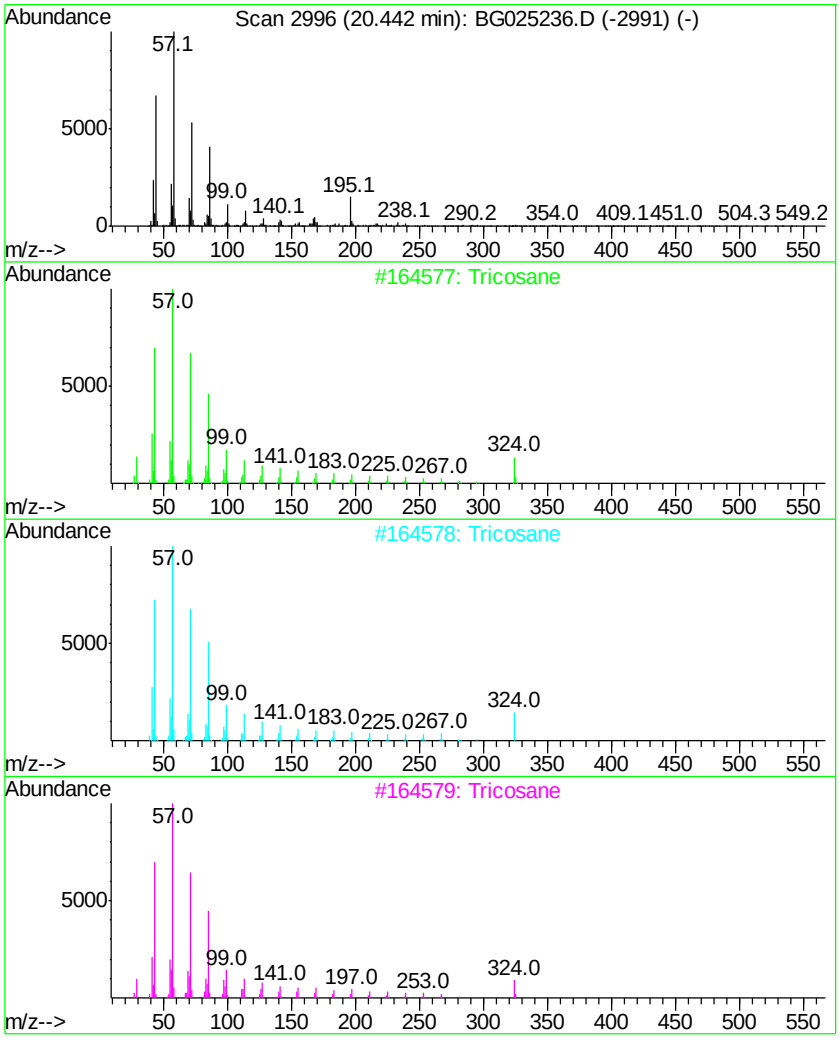
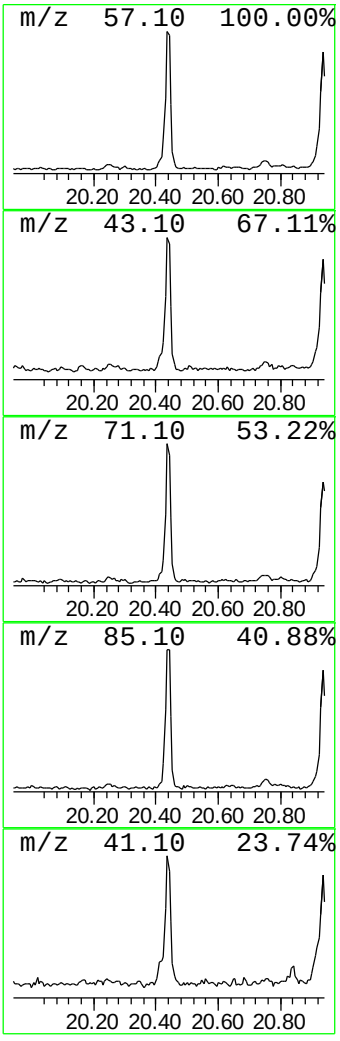
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	18.19 ng/ul	1468990	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	81
2	Tricosane	324	C23H48	000638-67-5	74
3	Tricosane	324	C23H48	000638-67-5	74
4	Pentadecane	212	C15H32	000629-62-9	74
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74





Library Search Compound Report

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Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

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

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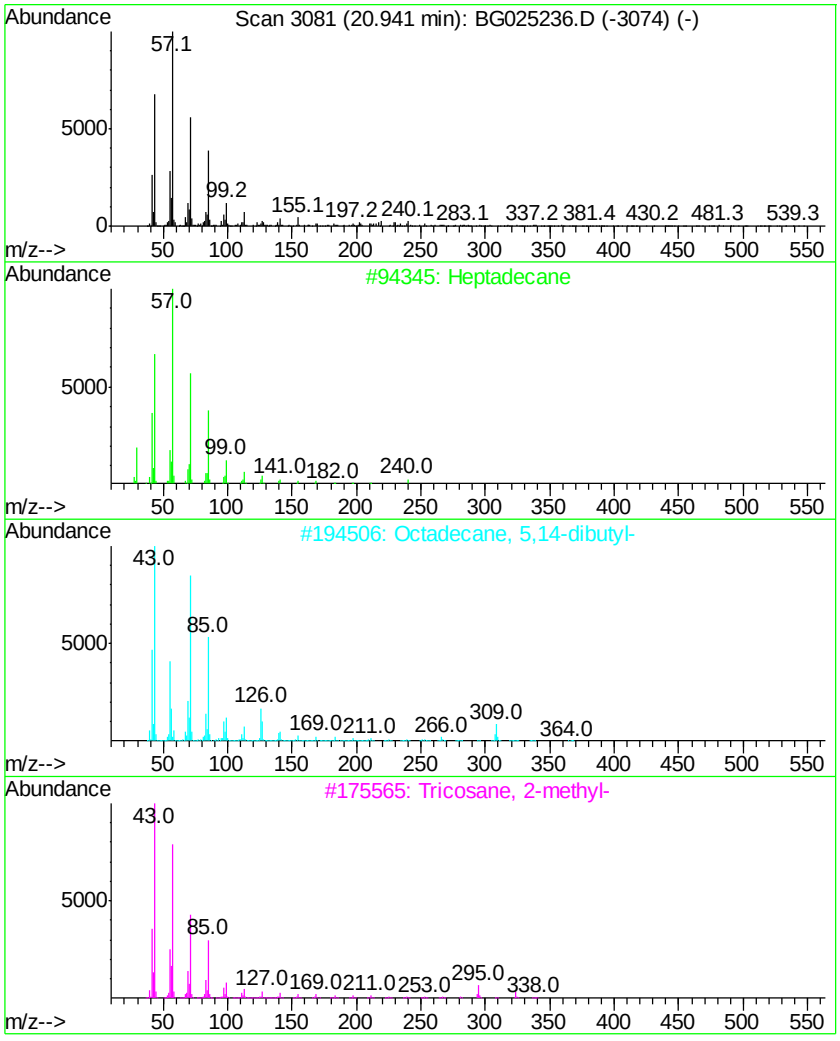
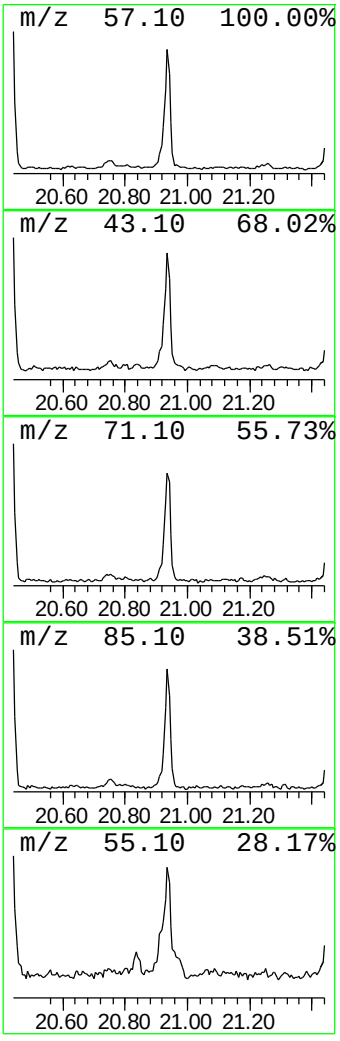
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	17.53 ng/ul	1415880	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

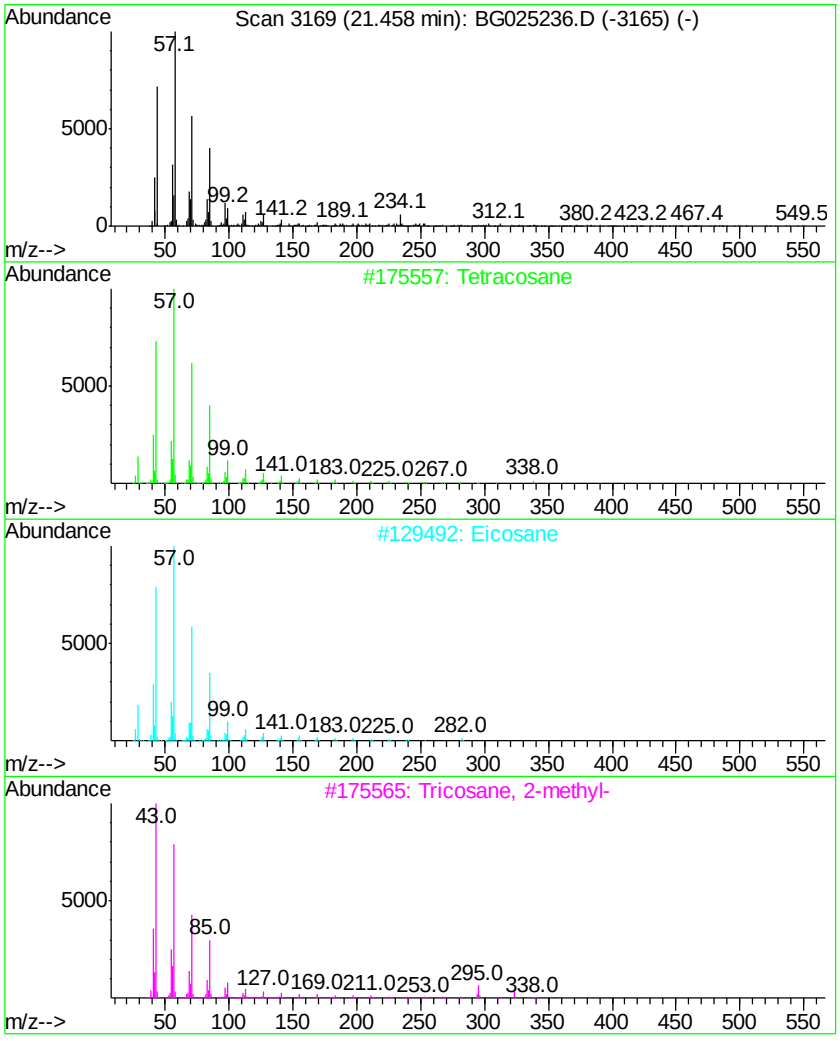
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

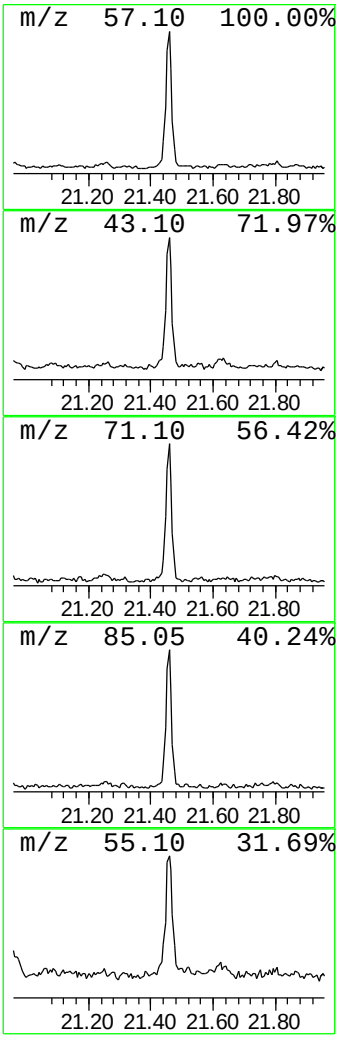
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	17.28 ng/ul	1395800	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Eicosane	282	C20H42	000112-95-8	94
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Eicosane	282	C20H42	000112-95-8	89





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

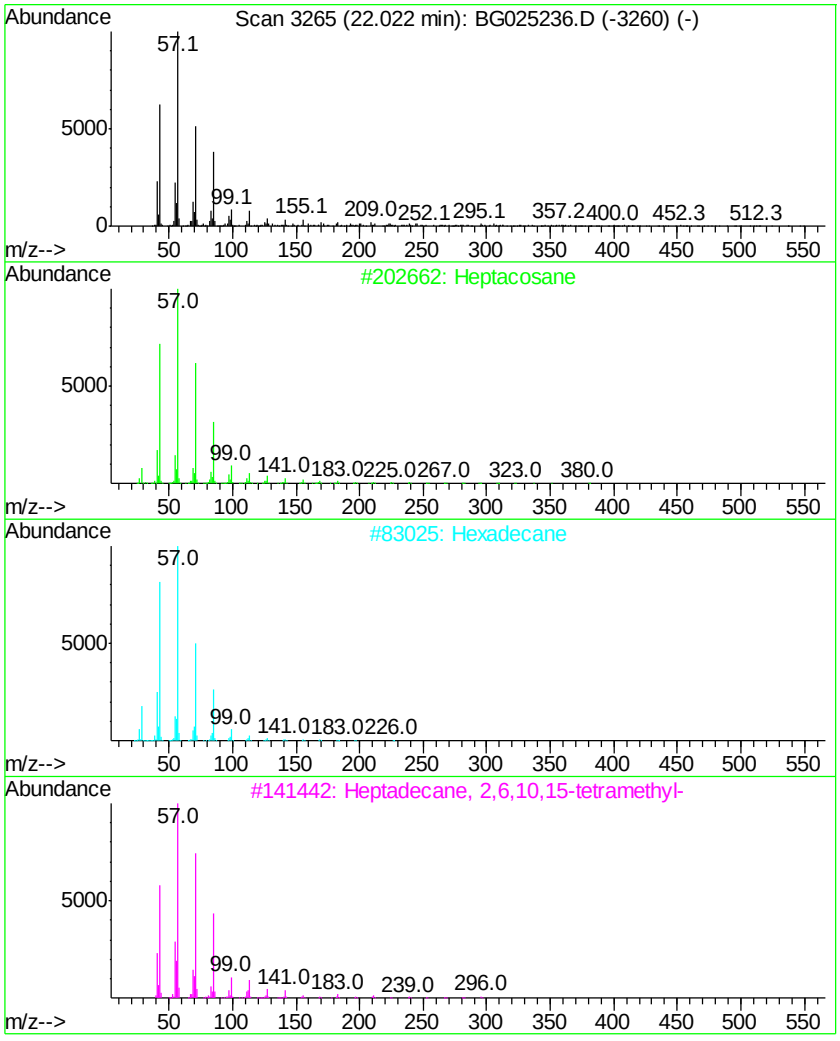
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

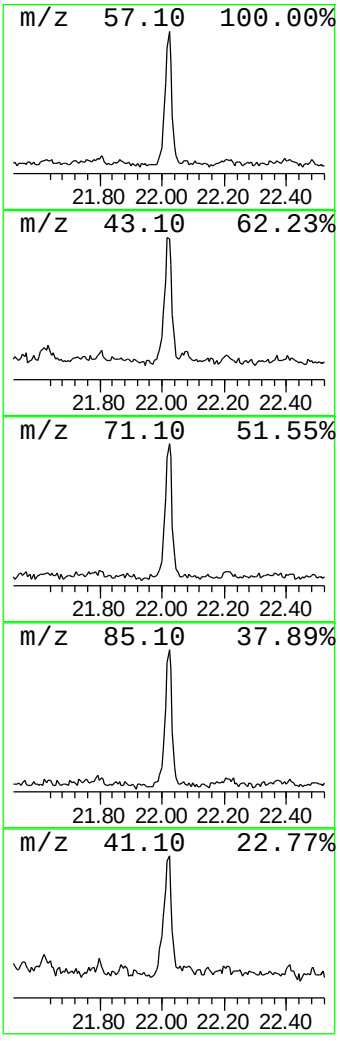
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	12.29 ng/ul	992955	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4	Pentadecane	212	C15H32	000629-62-9	92
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

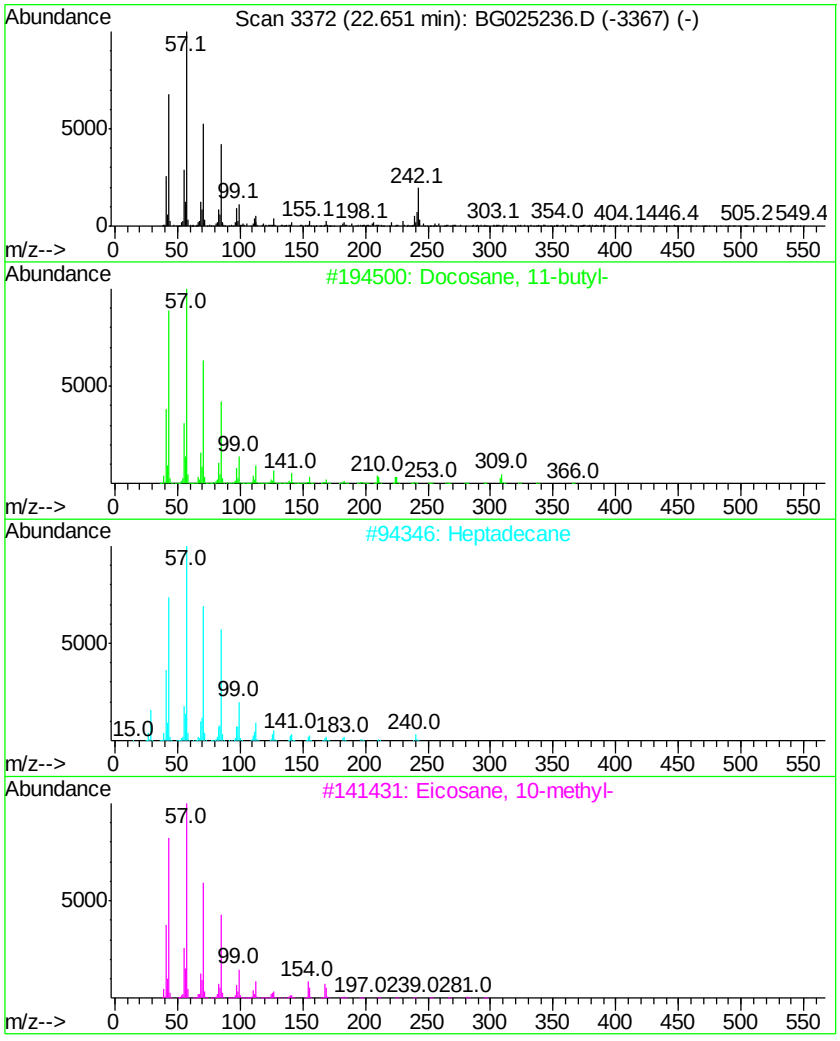
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

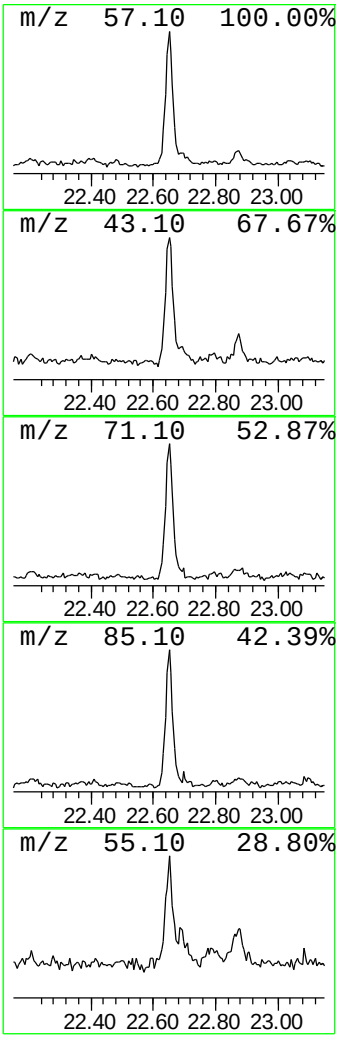
****

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	14.39 ng/ul	1162470	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
2	Heptadecane	240	C17H36	000629-78-7	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	81
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	81
5	Octacosane	394	C28H58	000630-02-4	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121516\
Data File : BG025236.D
Acq On : 16 Dec 2016 7:04
Operator : UM/SJ
Sample : H5938-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA835

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3,5-Cycloheptat...	4.35	2.9	ng/ul	93380	1	8.24	646018	20.0
Benzene, 1,3-dime...	6.21	4.5	ng/ul	146455	1	8.24	646018	20.0
Cyclohexanone, 4-...	6.85	5.3	ng/ul	172291	1	8.24	646018	20.0
Benzene, 1,2,4-tr...	7.86	3.3	ng/ul	107826	1	8.24	646018	20.0
Mesitylene	8.34	2.9	ng/ul	95093	1	8.24	646018	20.0
6-Methyl-3-heptyne	8.50	5.4	ng/ul	173222	1	8.24	646018	20.0
unknown-01	8.86	11.4	ng/ul	368006	1	8.24	646018	20.0
unknown-02	9.33	6.1	ng/ul	196092	1	8.24	646018	20.0
unknown-03	9.68	2.2	ng/ul	93360	2	11.06	863768	20.0
Benzofuran, 2-met...	9.78	3.1	ng/ul	133206	2	11.06	863768	20.0
Cyclopropane, tet...	10.32	2.2	ng/ul	95122	2	11.06	863768	20.0
unknown-04	10.43	3.7	ng/ul	160842	2	11.06	863768	20.0
unknown-05	10.89	2.6	ng/ul	113573	2	11.06	863768	20.0
(DEL) Alkane: Str...	10.98	11.0	ng/ul	476322	2	11.06	863768	20.0
Cinnoline, 1,2-di...	11.46	2.9	ng/ul	123613	2	11.06	863768	20.0
7-Octadecanone	11.92	3.7	ng/ul	160062	2	11.06	863768	20.0
(DEL) Alkane: Str...	12.02	6.5	ng/ul	278756	2	11.06	863768	20.0
5-Isopropyl-3,3-d...	12.20	2.5	ng/ul	110027	2	11.06	863768	20.0
(DEL) Alkane: Str...	12.41	10.1	ng/ul	435640	2	11.06	863768	20.0
unknown-06	12.57	2.3	ng/ul	97634	2	11.06	863768	20.0
1H-Indene, 1-ethy...	12.92	15.6	ng/ul	673016	2	11.06	863768	20.0
Phenol, 2,6-dimet...	13.12	7.0	ng/ul	459235	3	14.86	1306880	20.0
(DEL) Alkane: Str...	13.21	3.5	ng/ul	228320	3	14.86	1306880	20.0
Phenol, 2,3,4,6-t...	13.27	3.0	ng/ul	192977	3	14.86	1306880	20.0
(DEL) Alkane: Str...	13.34	4.2	ng/ul	274383	3	14.86	1306880	20.0
(DEL) Alkane: Str...	13.64	8.5	ng/ul	557869	3	14.86	1306880	20.0
Naphthalene, 1,3-...	13.88	2.9	ng/ul	188380	3	14.86	1306880	20.0
Naphthalene, 1,6-...	14.03	7.7	ng/ul	502405	3	14.86	1306880	20.0
Naphthalene, 1,7-...	14.18	14.3	ng/ul	932752	3	14.86	1306880	20.0
(DEL) Alkane: Str...	14.70	11.6	ng/ul	758244	3	14.86	1306880	20.0
(DEL) Alkane: Str...	15.64	23.9	ng/ul	1561780	3	14.86	1306880	20.0
(DEL) Alkane: Str...	16.05	5.6	ng/ul	364384	3	14.86	1306880	20.0
(DEL) Alkane: Str...	16.50	30.4	ng/ul	2367940	4	17.60	1555770	20.0
(DEL) Alkane: Str...	17.29	21.8	ng/ul	1693860	4	17.60	1555770	20.0
(DEL) Alkane: Str...	18.03	20.0	ng/ul	1557820	4	17.60	1555770	20.0
(DEL) Alkane: Str...	18.72	19.8	ng/ul	1540890	4	17.60	1555770	20.0
(DEL) Alkane: Str...	19.34	15.0	ng/ul	1169830	4	17.60	1555770	20.0
(DEL) Alkane: Str...	19.91	19.3	ng/ul	1559810	5	21.90	1615290	20.0
(DEL) Alkane: Str...	20.44	18.2	ng/ul	1468990	5	21.90	1615290	20.0
(DEL) Alkane: Str...	20.94	17.5	ng/ul	1415880	5	21.90	1615290	20.0
(DEL) Alkane: Str...	21.46	17.3	ng/ul	1395800	5	21.90	1615290	20.0
(DEL) Alkane: Str...	22.02	12.3	ng/ul	992955	5	21.90	1615290	20.0
(DEL) Alkane: Str...	22.65	14.4	ng/ul	1162470	5	21.90	1615290	20.0