LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.699	478	487	494	rBV	141800	238787	10.50%	0.382%
2	5.834	502	510	521	rBV2	244954	617974	27.16%	0.989%
3	6.210	564	574	581	rVV3	189535	422544	18.57%	0.676%
4	7.291	749	758	763	rVV	174958	329465	14.48%	0.527%
5	7.426	774	781	791	rVB4	118868	277891	12.21%	0.445%
6	7.602	805	811	817	rVV	143675	287483	12.64%	0.460%
7	7.861	850	855	864	rVB	305784	569762	25.04%	0.912%
8	7.949	864	870	879	rVB	118533	225291	9.90%	0.360%
9	8.231	911	918	926	rVB	275885	506570	22.27%	0.811%
10	8.343	927	937	944	rVV3	176068	367399	16.15%	0.588%
11	8.601	975	981	988	rBV2	117193	222842	9.79%	0.357%
12	8.766	1002	1009	1016	rVB4	129644	251775	11.07%	0.403%
13	8.860	1016	1025	1036	rBV2	182956	451842	19.86%	0.723%
14	9.018	1045	1052	1064	rVB2	321148	668942	29.40%	1.070%
15	9.295	1094	1099	1102	rBV2	135270	234485	10.31%	0.375%
16	9.418	1114	1120	1127	rVB2	337267	588275	25.86%	0.941%
17	9.594	1140	1150	1156	rVB5	123031	294244	12.93%	0.471%
18	9.712	1164	1170	1176	rVV	250413	599665	26.36%	0.959%
19	9.782	1176	1182	1190	rVB	605722	1090310	47.92%	1.744%
20	10.152	1228	1245	1251	rBV7	110326	330988	14.55%	0.530%
21	10.223	1251	1257	1265	rBV3	194274	582122	25.59%	0.931%
22	10.493	1287	1303	1307	rBV6	465485	1674962	73.62%	2.680%
23	10.687	1329	1336	1341	rBV3	213066	410079	18.02%	0.656%
24	10.875	1360	1368	1374	rBV7	185421	582814	25.62%	0.933%
25	10.975	1380	1385	1389	rBV	241924	377140	16.58%	0.603%
26	11.063	1394	1400	1404	rBV	268574	480978	21.14%	0.770%
27	11.110	1404	1408	1415	rVB2	401325	682829	30.01%	1.093%
28	11.198	1418	1423	1427	rBV3	222254	390645	17.17%	0.625%
29	11.292	1434	1439	1453	rVB4	408384	1386035	60.92%	2.218%
30	11.416	1453	1460	1463	rBV3	519965	975030	42.86%	1.560%
31	11.463	1463	1468	1475	rVV2	914533	1890489	83.09%	3.025%
32	11.527	1475	1479	1484	rVB2	271461	438089	19.26%	0.701%
33	11.586	1484	1489	1494	rBV	260827	408018	17.93%	0.653%
34	11.645	1494	1499	1506	rBV7	131009	327122	14.38%	0.523%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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	11.809	1521	1527	1532	rBV4	120454	225227	9.90%	0.360%
36	11.874	1532	1538	1545	rBV2	1284323	2275151	100.00%	3.640%
37	12.068	1564	1571	1577	rBV9	213486	645438	28.37%	1.033%
38	12.127	1577	1581	1587	rVB5	158618	337174	14.82%	0.539%
39	12.250	1595	1602	1608	rVB4	229843	649724	28.56%	1.040%
40	12.309	1608	1612	1615	rBV2	147434	224590	9.87%	0.359%
41	12.409	1624	1629	1632	rBV2	353097	541059	23.78%	0.866%
42	12.591	1651	1660	1667	rVB6	241079	735058	32.31%	1.176%
43	12.702	1673	1679	1682	rBV	917350	1581646	69.52%	2.531%
44	12.738	1683	1685	1689	rVB3	276319	346496	15.23%	0.554%
45	12.826	1695	1700	1704	rBV2	355859	671710	29.52%	1.075%
46	12.920	1710	1716	1722	rVB2	622956	1114463	48.98%	1.783%
47	13.002	1723	1730	1734	rVV3	384019	714583	31.41%	1.143%
48	13.049	1734	1738	1742	rVV2	384822	710977	31.25%	1.138%
49	13.090	1742	1745	1758	rVB9	279826	681224	29.94%	1.090%
50	13.208	1759	1765	1769	rBV3	281694	465749	20.47%	0.745%
51	13.266	1770	1775	1780	rBV5	294628	493171	21.68%	0.789%
52	13.337	1783	1787	1792	rBV2	258877	368551	16.20%	0.590%
53	13.543	1815	1822	1825	rBV2	334855	719071	31.61%	1.151%
54	13.631	1832	1837	1843	rVV2	499146	788270	34.65%	1.261%
55	13.807	1860	1867	1868	rBV3	157655	312062	13.72%	0.499%
56	13.889	1876	1881	1888	rBV3	233282	560773	24.65%	0.897%
57	14.013	1896	1902	1904	rBV5	309480	638493	28.06%	1.022%
58	14.177	1924	1930	1934	rVV	394113	738290	32.45%	1.181%
59	14.230	1934	1939	1946	rVB3	612140	1100439	48.37%	1.761%
60	14.342	1954	1958	1964	rBV9	160491	369025	16.22%	0.590%
61	14.412	1966	1970	1980	rBV7	149999	336874	14.81%	0.539%
62	14.488	1980	1983	1987	rVB2	204113	253719	11.15%	0.406%
63	14.571	1987	1997	2001	rBV7	244210	766753	33.70%	1.227%
64	14.624	2002	2006	2011	rVB2	316561	439465	19.32%	0.703%
65	14.694	2011	2018	2024	rBV	672530	1025644	45.08%	1.641%
66	14.812	2033	2038	2042	rBV2	397761	639463	28.11%	1.023%
67	14.859	2042	2046	2049	rBV	556465	854693	37.57%	1.368%
68	15.076	2079	2083	2089	rVB3	297276	465365	20.45%	0.745%
69	15.147	2090	2095	2099	rBV3	213170	351806	15.46%	0.563%
70	15.452	2143	2147	2153	rBV7	135395	295546	12.99%	0.473%
71	15.511	2153	2157	2165	rVB7	302243	532537	23.41%	0.852%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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	15.581	2165	2169	2171	rBV	378145	505396	22.21%	0.809%
73	15.640	2172	2179	2183	rVB2	892084	1436338	63.13%	2.298%
74	15.846	2210	2214	2216	rVV2	167986	245695	10.80%	0.393%
75	15.881	2216	2220	2227	rVB3	304993	635051	27.91%	1.016%
76	16.445	2310	2316	2321	rVB3	456676	729051	32.04%	1.166%
77	16.498	2321	2325	2329	rBV	1010335	1305305	57.37%	2.088%
78	16.721	2359	2363	2372	rVB4	376623	537880	23.64%	0.861%
79	16.803	2372	2377	2385	rVB2	297107	470738	20.69%	0.753%
80	16.886	2385	2391	2397	rBV5	100179	264872	11.64%	0.424%
81	17.244	2448	2452	2456	rBV2	301808	434249	19.09%	0.695%
82	17.291	2456	2460	2471	rVB	825880	1290402	56.72%	2.065%
83	17.602	2506	2513	2518	rBV	698999	1061757	46.67%	1.699%
84	17.696	2524	2529	2537	rBV2	171670	319470	14.04%	0.511%
85	17.984	2574	2578	2581	rBV	255856	317374	13.95%	0.508%
86	18.025	2581	2585	2599	rVB	687731	1110014	48.79%	1.776%
87	18.208	2612	2616	2624	rBV2	156057	225336	9.90%	0.361%
88	18.678	2691	2696	2699	rBV	315863	363753	15.99%	0.582%
89	18.713	2699	2702	2709	rVB	573193	682482	30.00%	1.092%
90	19.336	2805	2808	2816	rVB	481340	616598	27.10%	0.987%
91	19.882	2896	2901	2903	rBV	308313	394317	17.33%	0.631%
92	19.906	2903	2905	2912	rVB	424712	471144	20.71%	0.754%
93	19.976	2912	2917	2929	rVB2	290190	535460	23.54%	0.857%
94	20.434	2987	2995	3002	rVB3	365380	669408	29.42%	1.071%
95	20.910	3072	3076	3092	rVB3	308756	672978	29.58%	1.077%
96	21.897	3237	3244	3252	rVB	880603	1515051	66.59%	2.424%
97	22.861	3405	3408	3419	rVB4	168755	329560	14.49%	0.527%
98	23.337	3485	3489	3503	rVB4	108791	296806	13.05%	0.475%
99	25.082	3778	3786	3799	rBV2	144532	435229	19.13%	0.696%
100	25.323	3817	3827	3841	rVB	455094	1475168	64.84%	2.360%

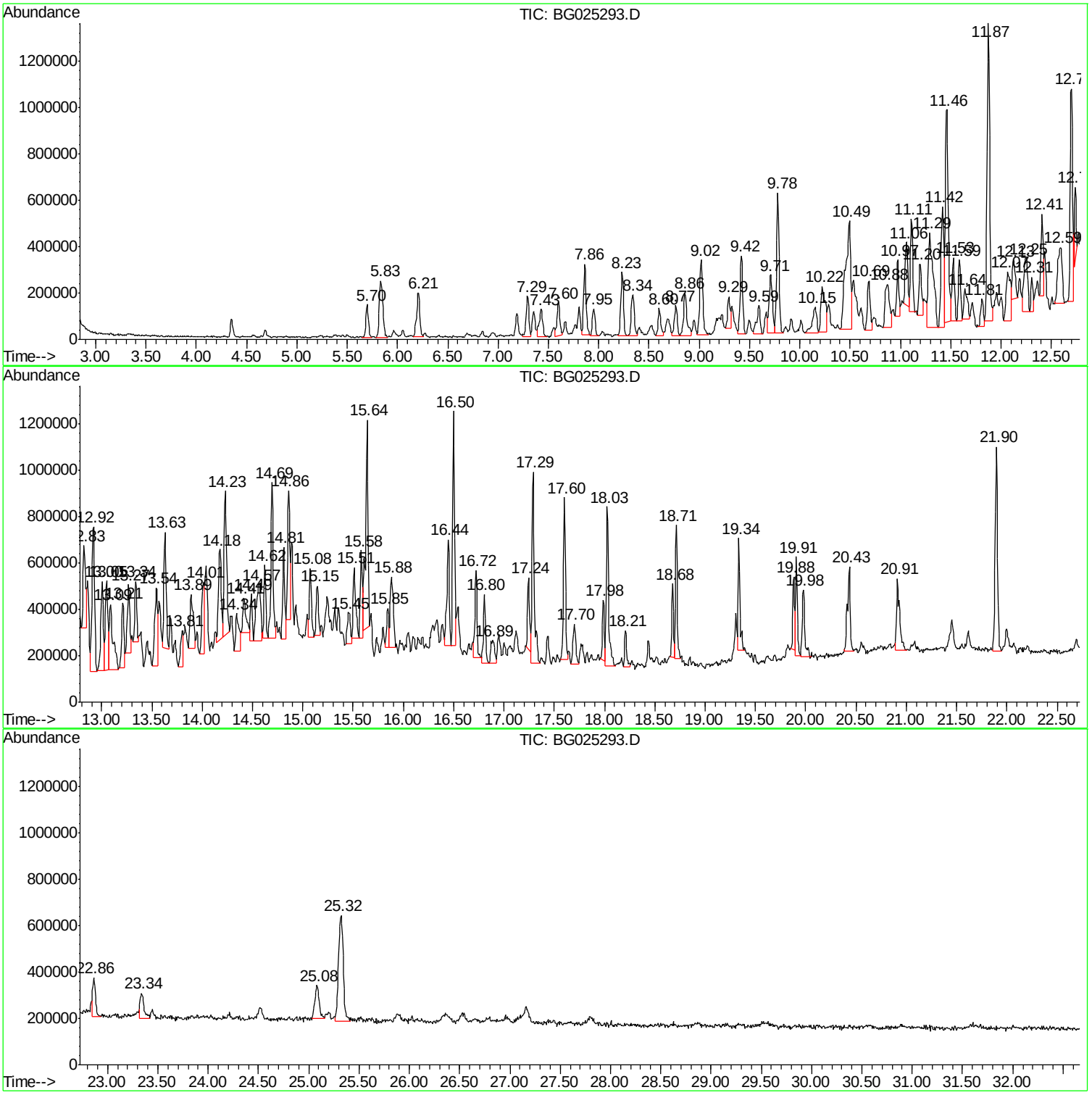
Sum of corrected areas: 62500047

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
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ALS Vial : 25 Sample Multiplier: 1

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

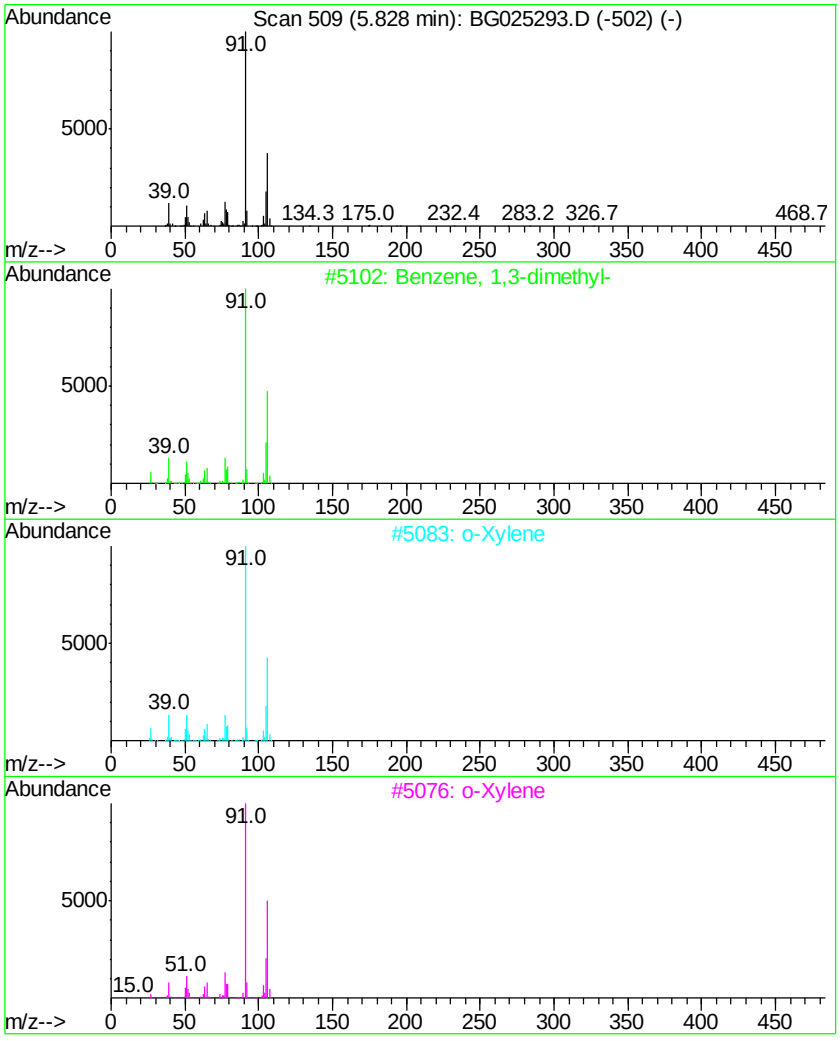
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

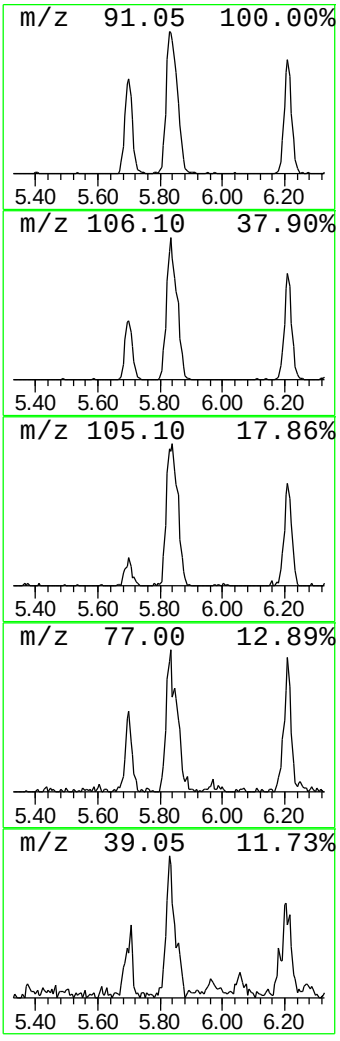
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	24.40 ng/ul	617974	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	o-Xylene	106	C8H10	000095-47-6	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

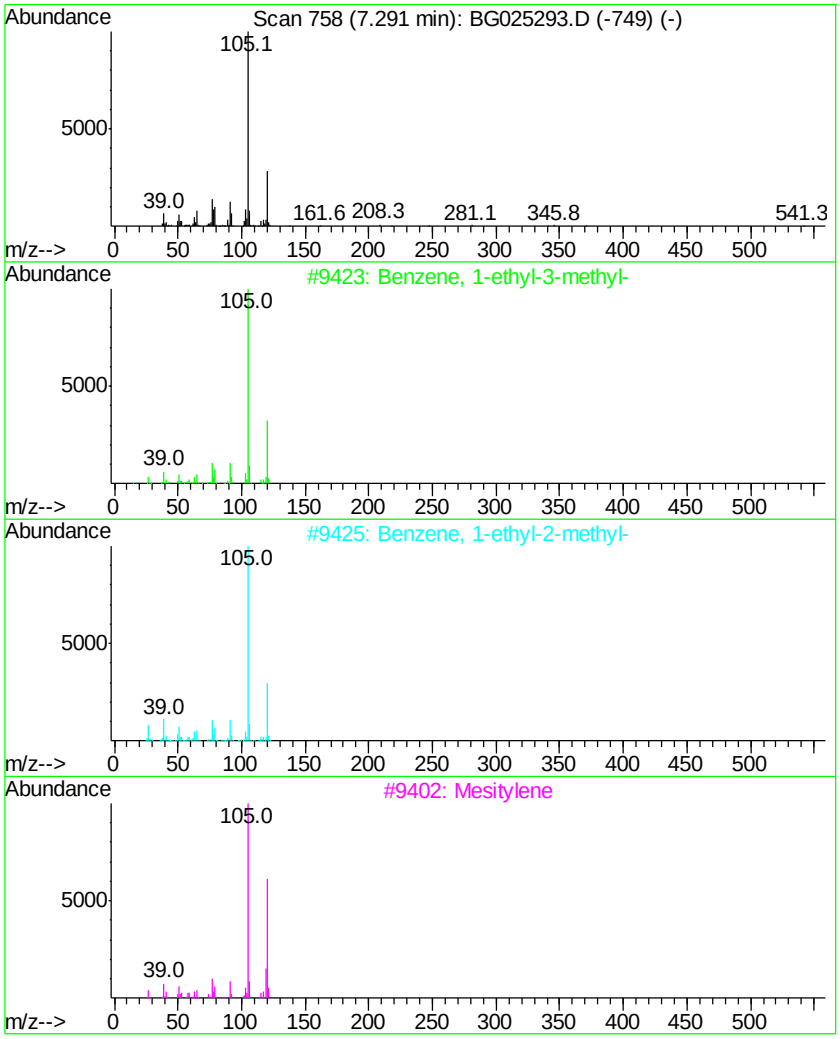
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

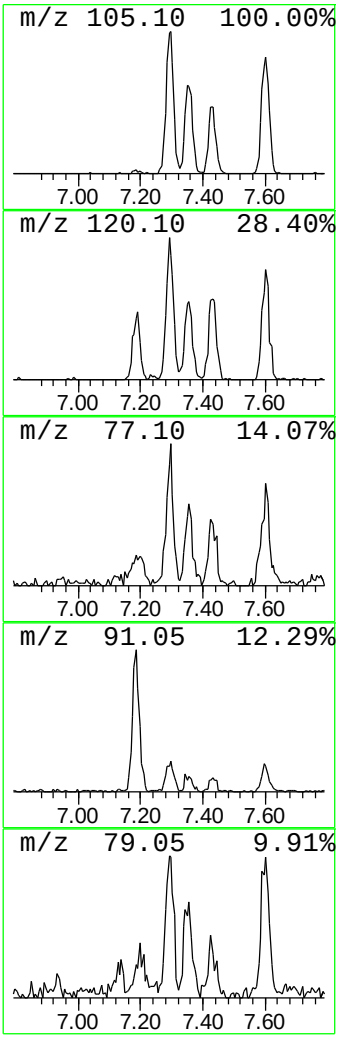
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	13.01 ng/ul	329465	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

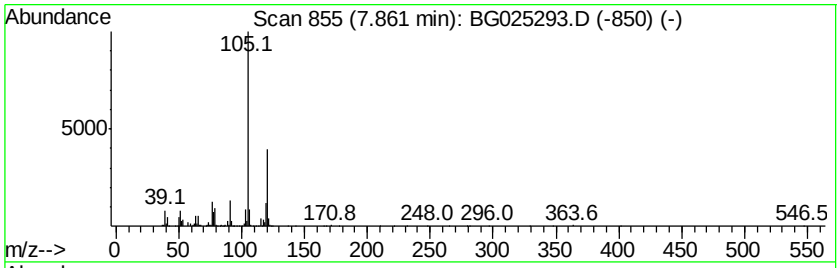
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

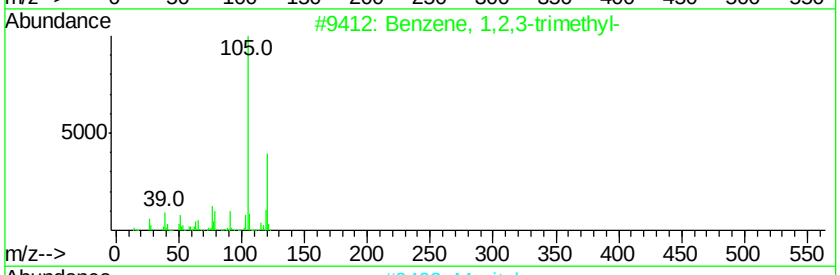
****

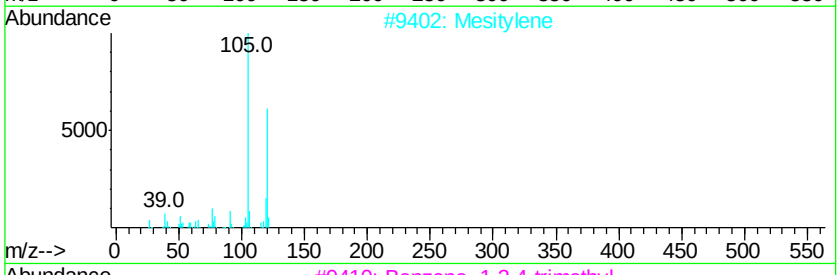
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 20

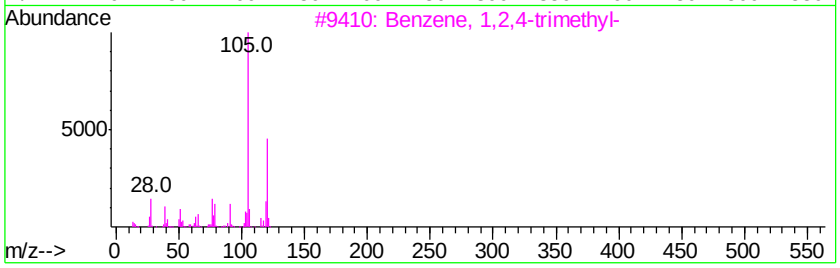
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	22.49 ng/ul	569762	1,4-Dichlorobenzene-d4	8.23

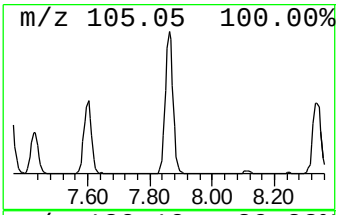
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93

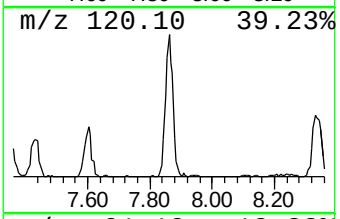


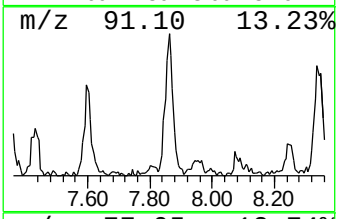


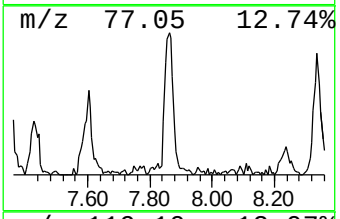


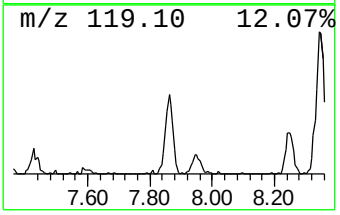












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

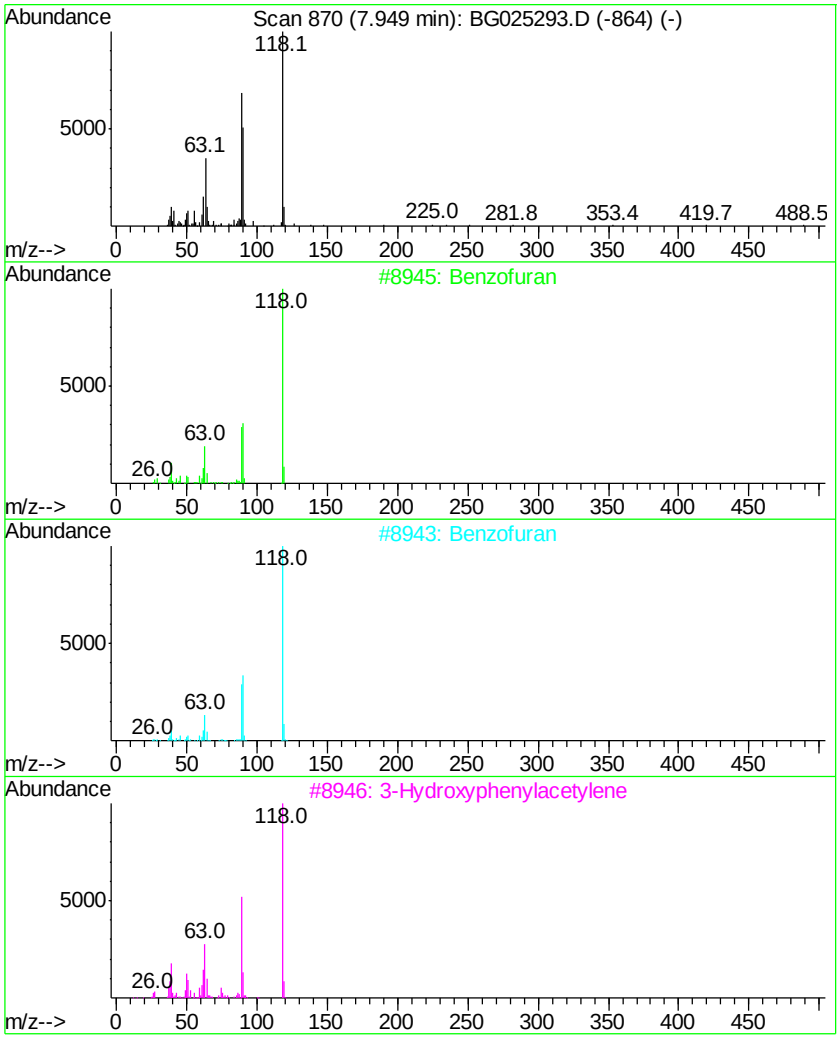
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

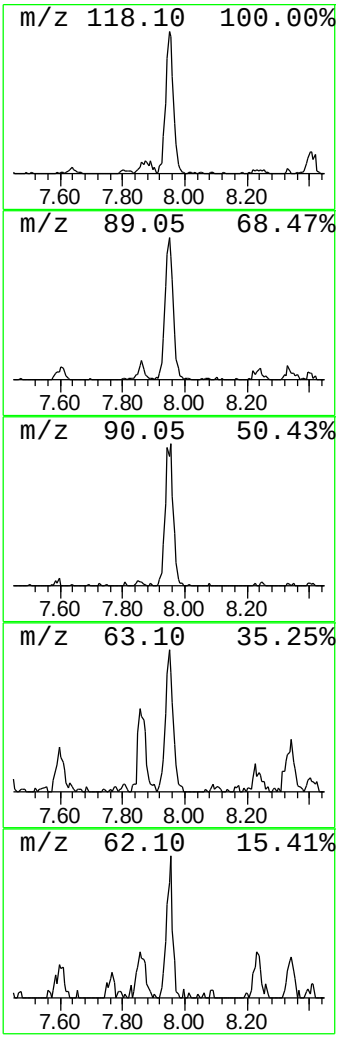
****

Peak Number 6 Benzofuran Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	8.89 ng/ul	225291	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	91
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
4	Benzofuran	118	C8H6O	000271-89-6	86
5	Coumarin	146	C9H6O2	000091-64-5	83





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Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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Quant Title : SVOA CALIBRATION

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

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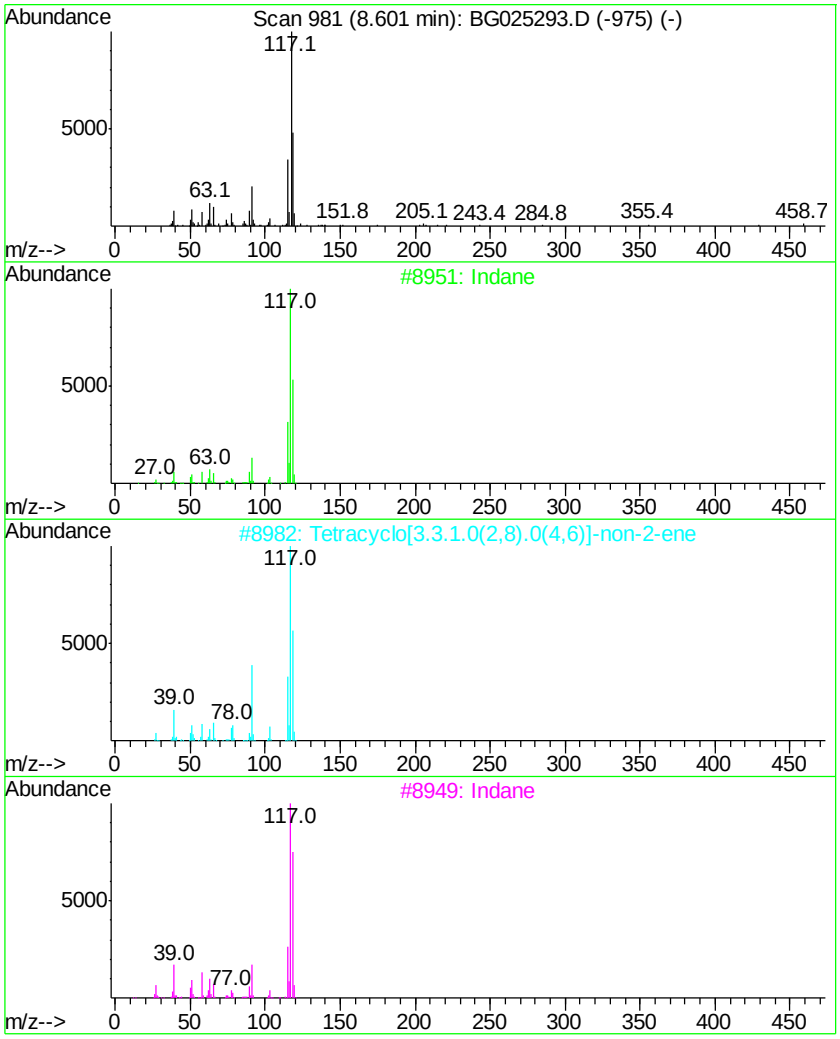
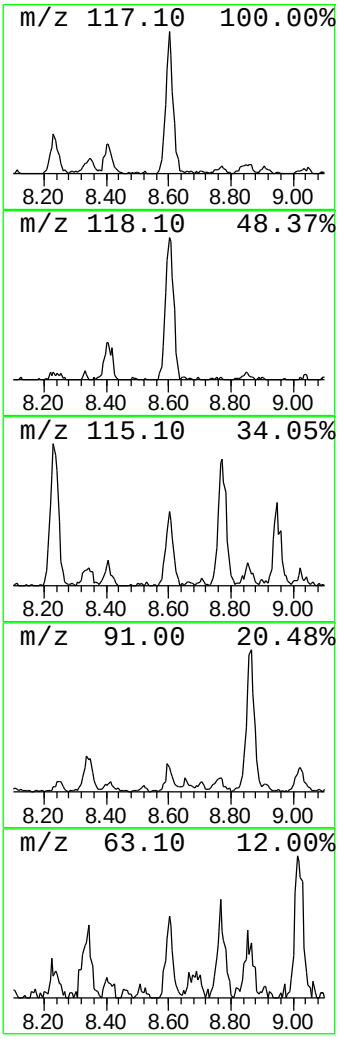
Peak Number 8 Indane Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	8.80 ng/ul	222842	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : DA832DL

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Quant Title : SVOA CALIBRATION

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

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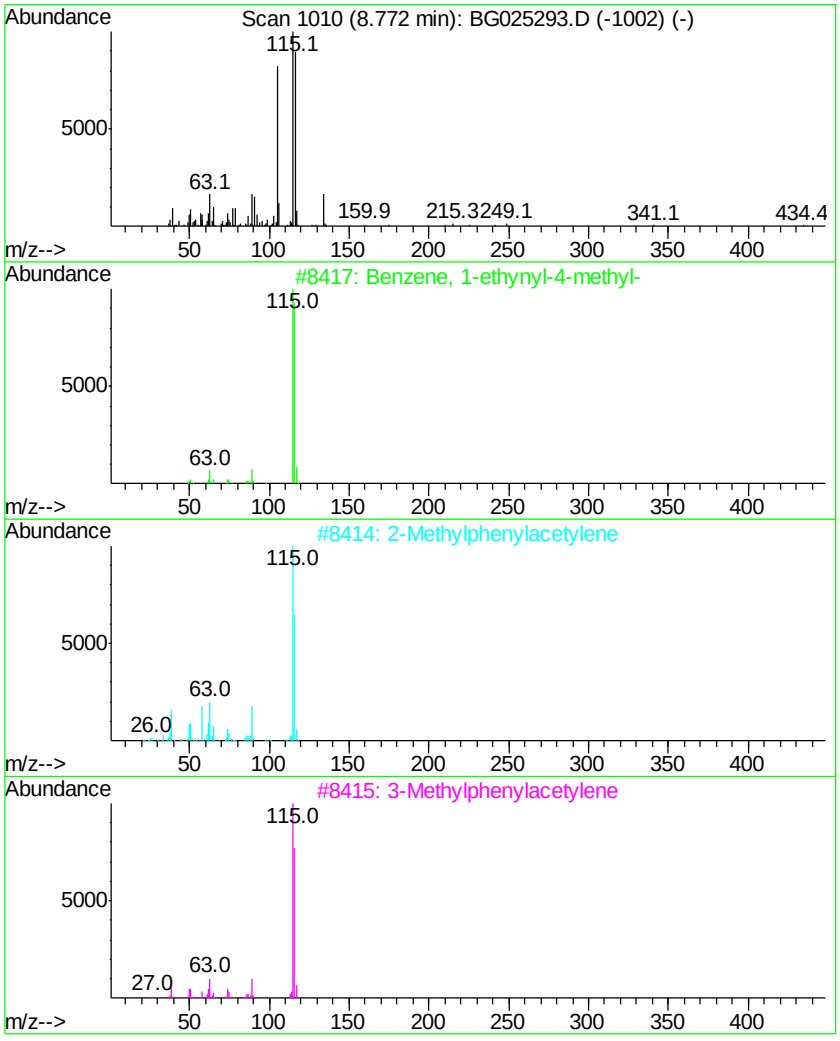
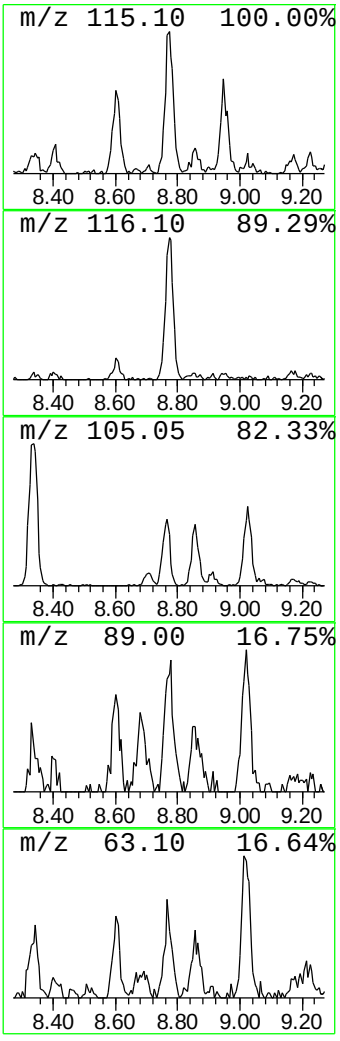
Peak Number 9 Benzene, 1-ethynyl-4-methyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	9.94 ng/ul	251775	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	68
2	2-Methylphenylacetylene	116	C9H8	000766-47-2	68
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	68
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	64
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	59





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Sample : H5938-12DL 5X
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Instrument : BNA_G
ClientSampleId : DA832DL

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Quant Title : SVOA CALIBRATION

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

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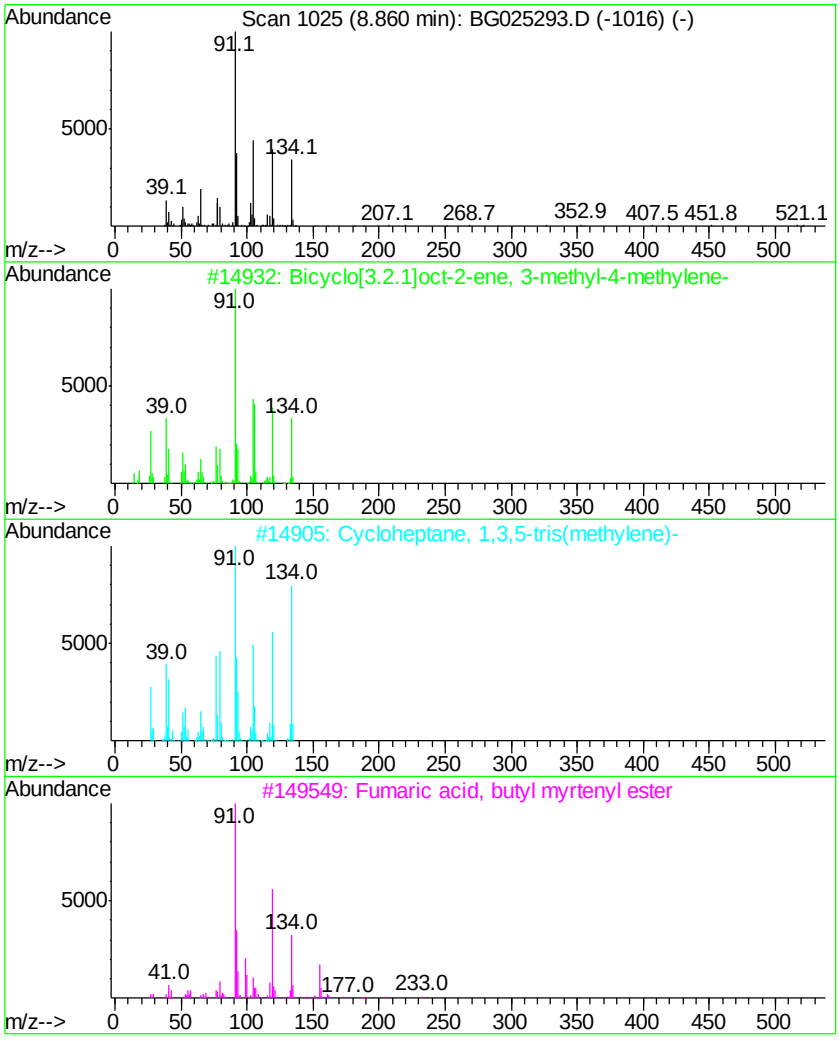
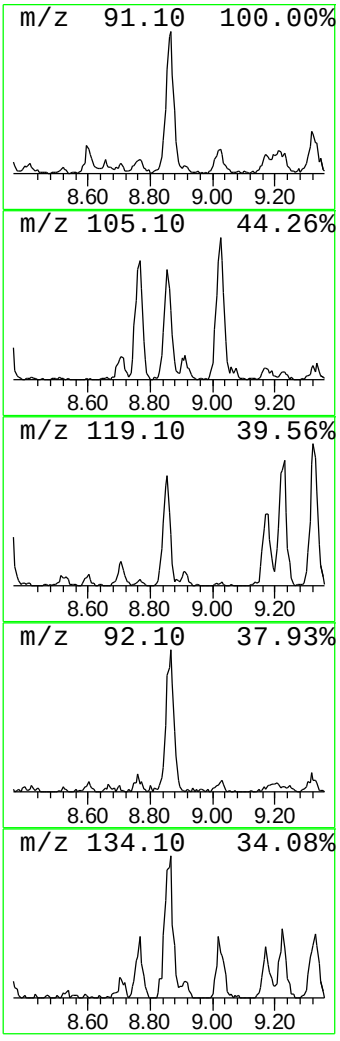
Peak Number 10 Bicyclo[3.2.1]oct-2-ene, 3-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	17.84 ng/ul	451842	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	59
2	Cycloheptane, 1,3,5-tris(methyle...	134	C10H14	068284-24-2	50
3	Fumaric acid, butyl myrtenyl ester	306	C18H26O4	1000348-81-2	50
4	Benzene, (2-methoxyethenyl)-	134	C9H10O	004747-15-3	47
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	46





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Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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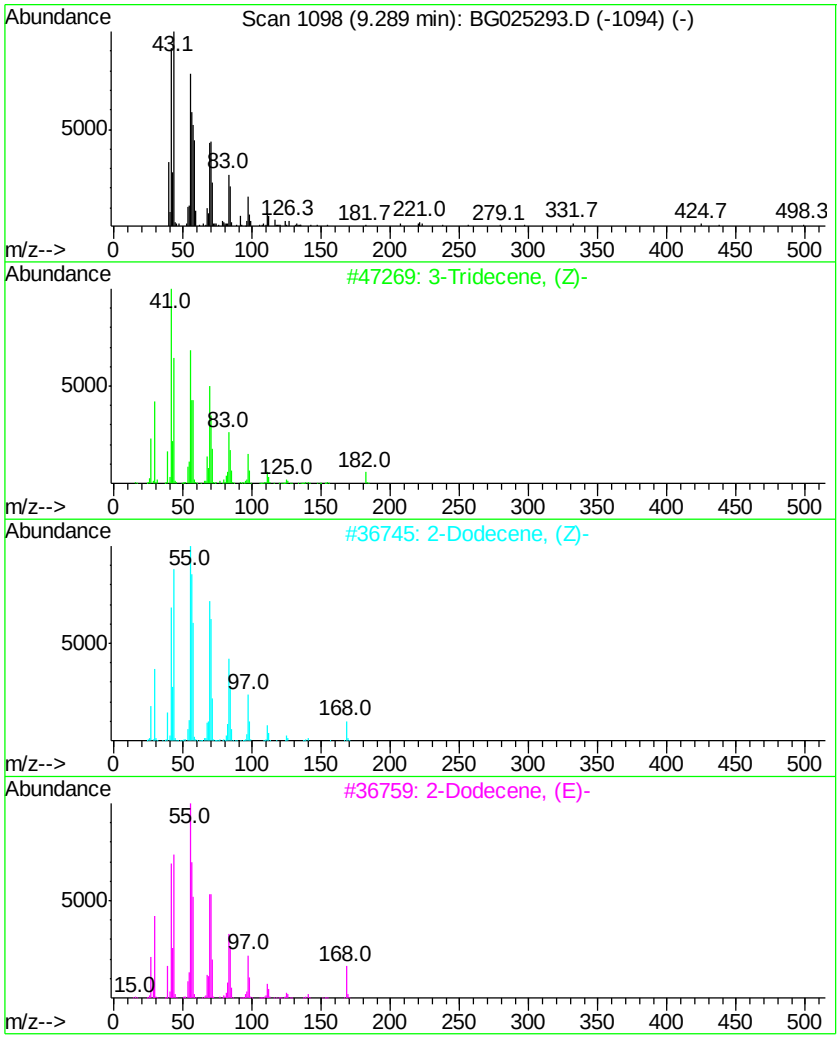
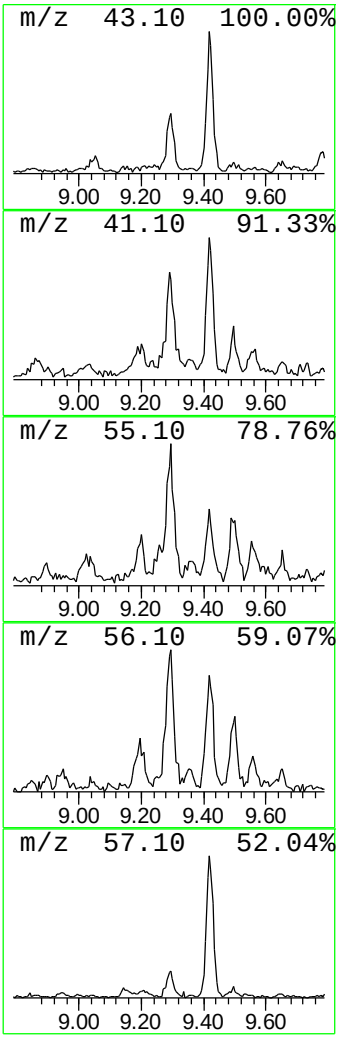
Peak Number 11 (DEL) Alkane: Cyclic9.29 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	9.26 ng/ul	234485	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tridecene, (Z)-	182	C13H26	041446-53-1	50
2	2-Dodecene, (Z)-	168	C12H24	007206-26-0	47
3	2-Dodecene, (E)-	168	C12H24	007206-13-5	47
4	Acetic acid, trichloro-, nonyl e...	288	C11H19Cl3O2	065611-32-7	46
5	Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	45





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Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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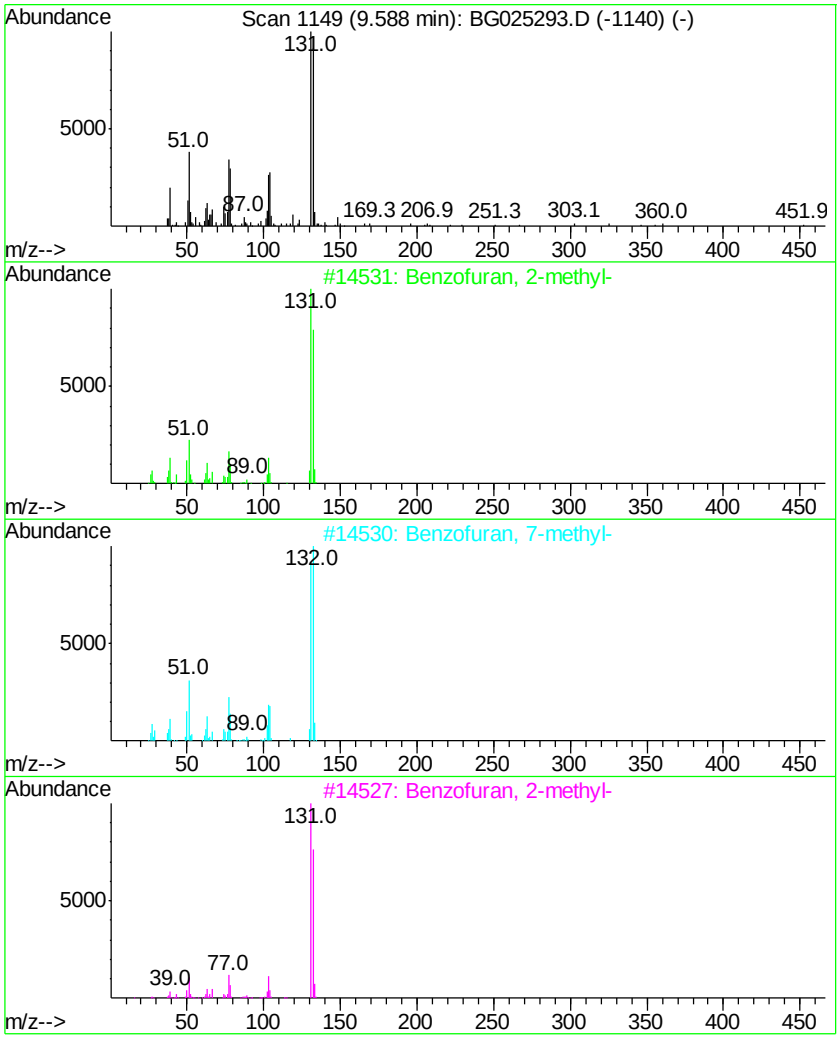
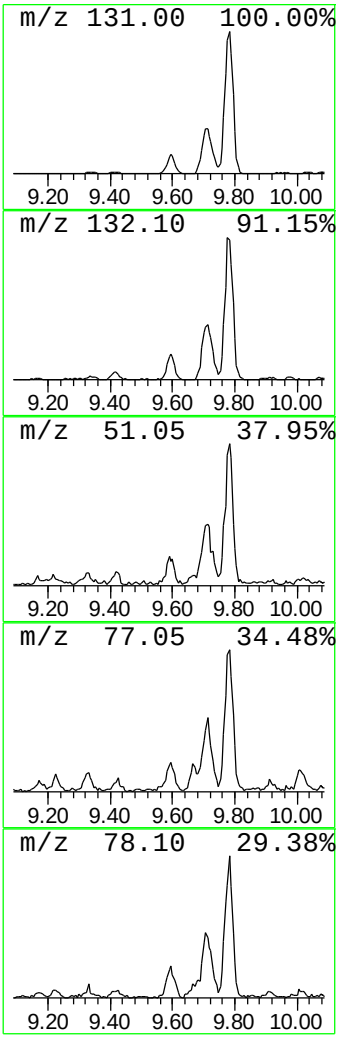
Peak Number 12 Benzofuran, 2-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	11.62 ng/ul	294244	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Benzofuran, 3-methyl-	132	C9H8O	021535-97-7	87





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Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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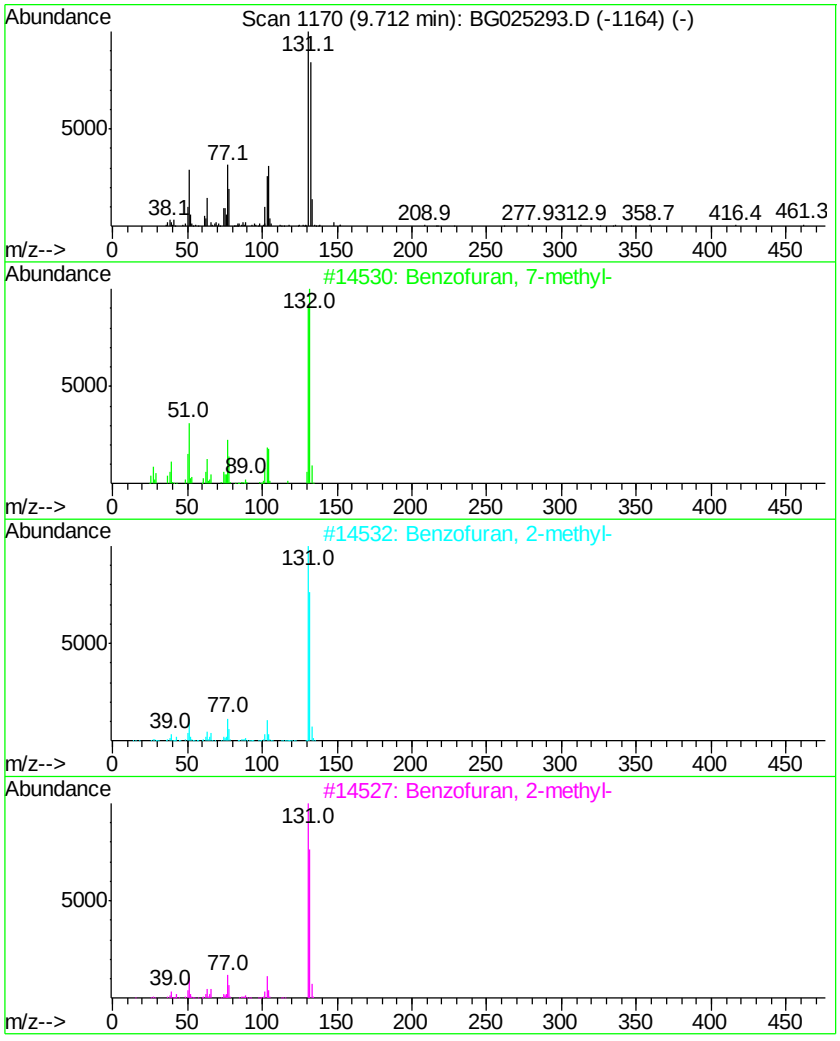
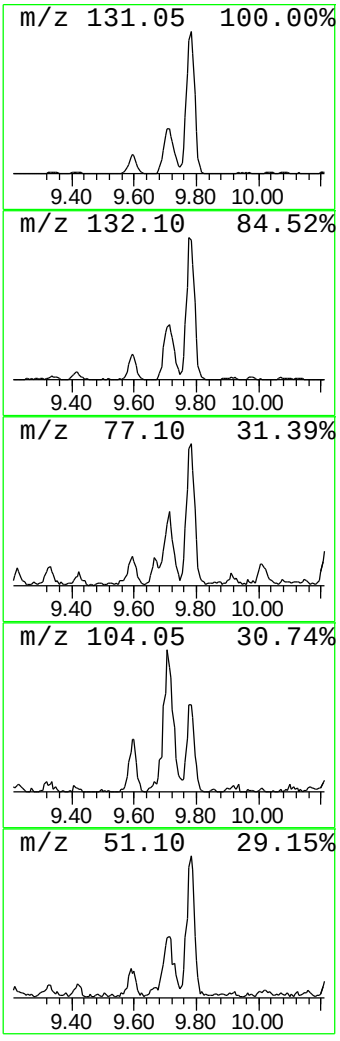
Peak Number 13 Benzofuran, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	24.94 ng/ul	599665	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





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Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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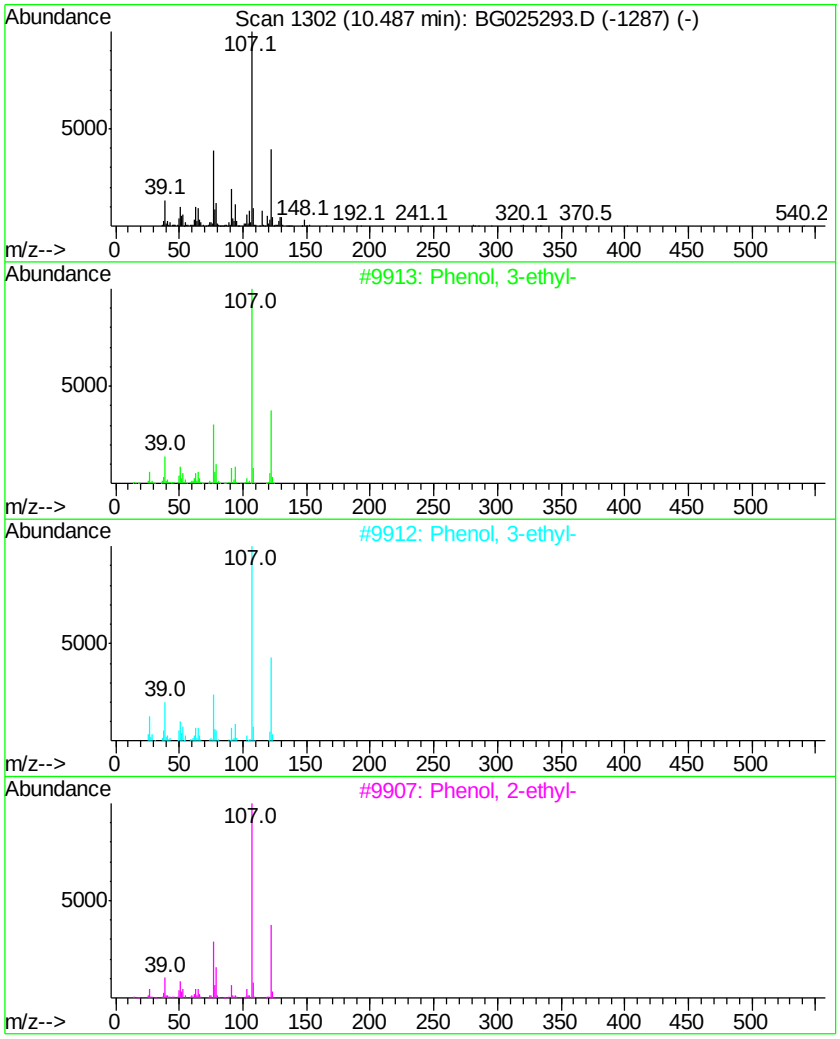
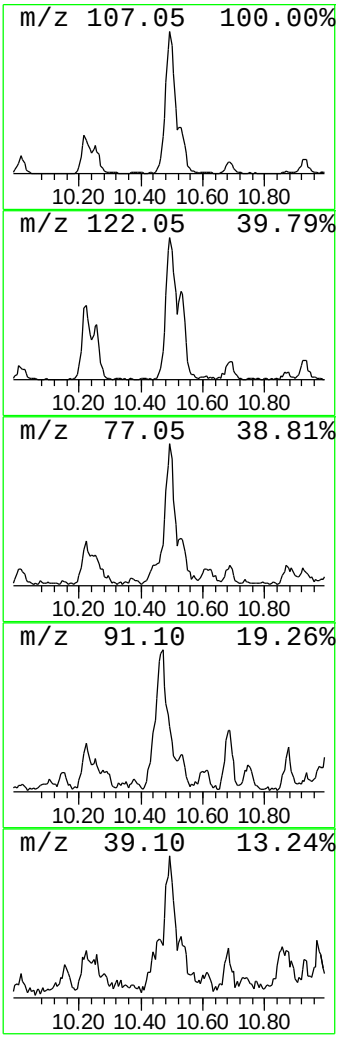
Peak Number 15 Phenol, 3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	69.65 ng/ul	1674960	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
4	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001445-91-6	86
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	86





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Sample : H5938-12DL 5X
Misc :
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Instrument : BNA_G
ClientSampleId : DA832DL

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Quant Title : SVOA CALIBRATION

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

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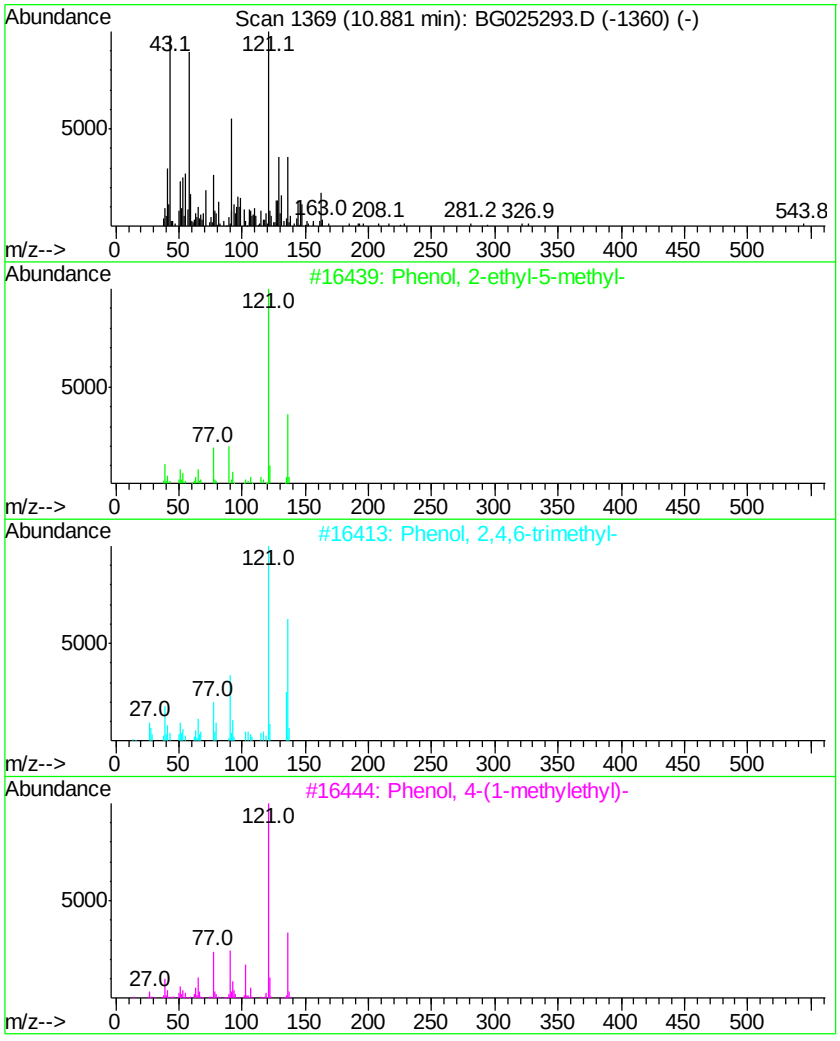
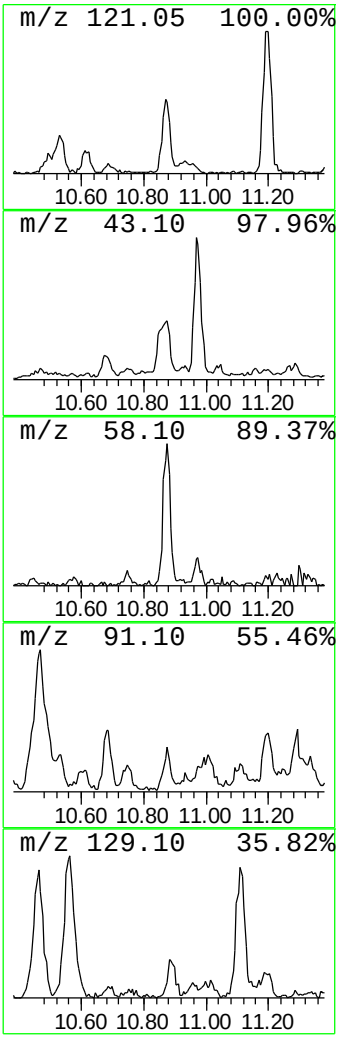
Peak Number 16 Phenol, 2-ethyl-5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	24.23 ng/ul	582814	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	50
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	50
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	45
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	45
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	43





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Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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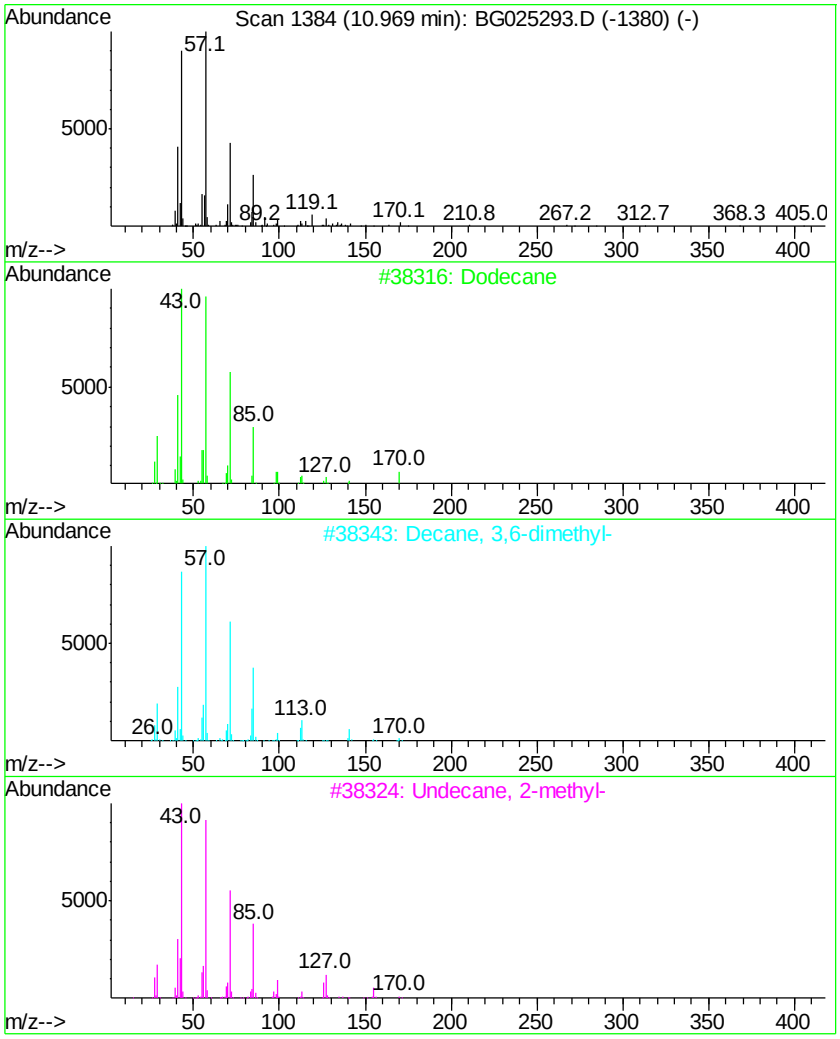
Quant Title : SVOA CALIBRATION

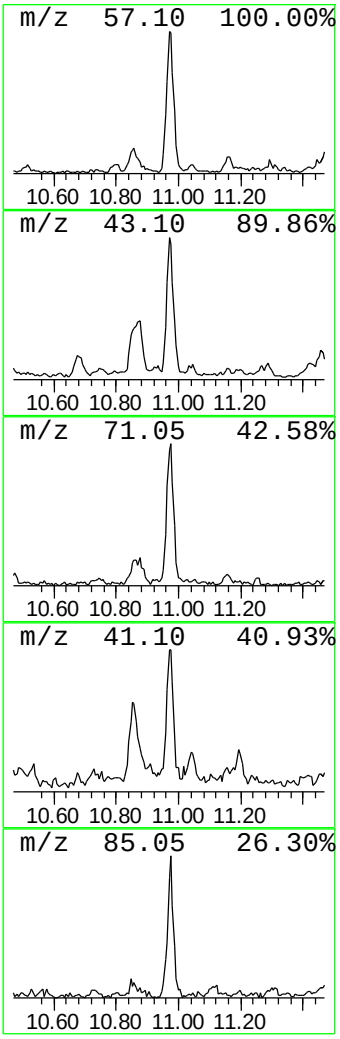
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	15.68 ng/ul	377140	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	83
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	72





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Sample : H5938-12DL 5X
Misc :
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ClientSampleId : DA832DL

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Quant Title : SVOA CALIBRATION

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

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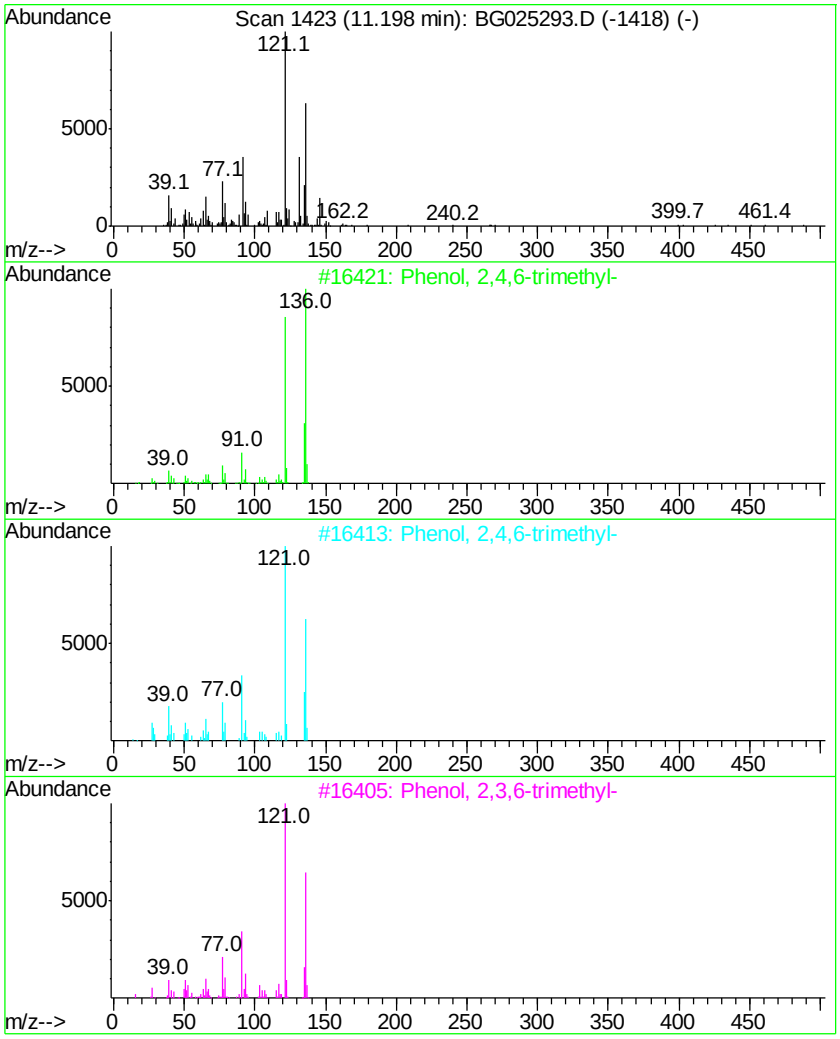
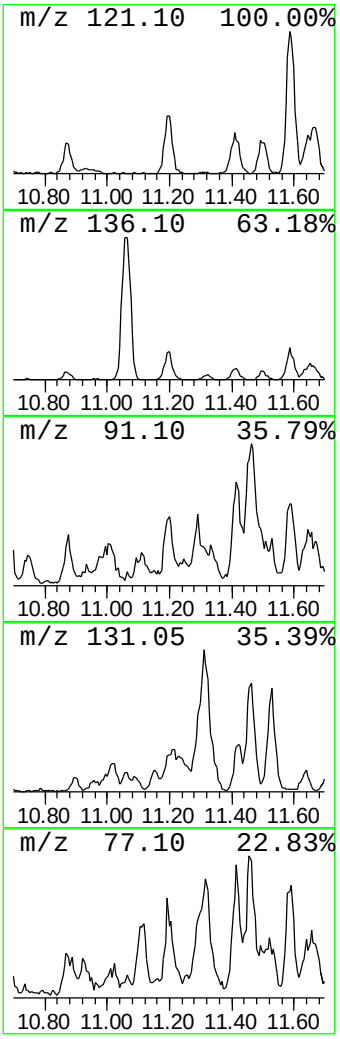
Peak Number 18 Phenol, 2,4,6-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	16.24 ng/ul	390645	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	89
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	81
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	81





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Sample : H5938-12DL 5X
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Quant Title : SVOA CALIBRATION

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

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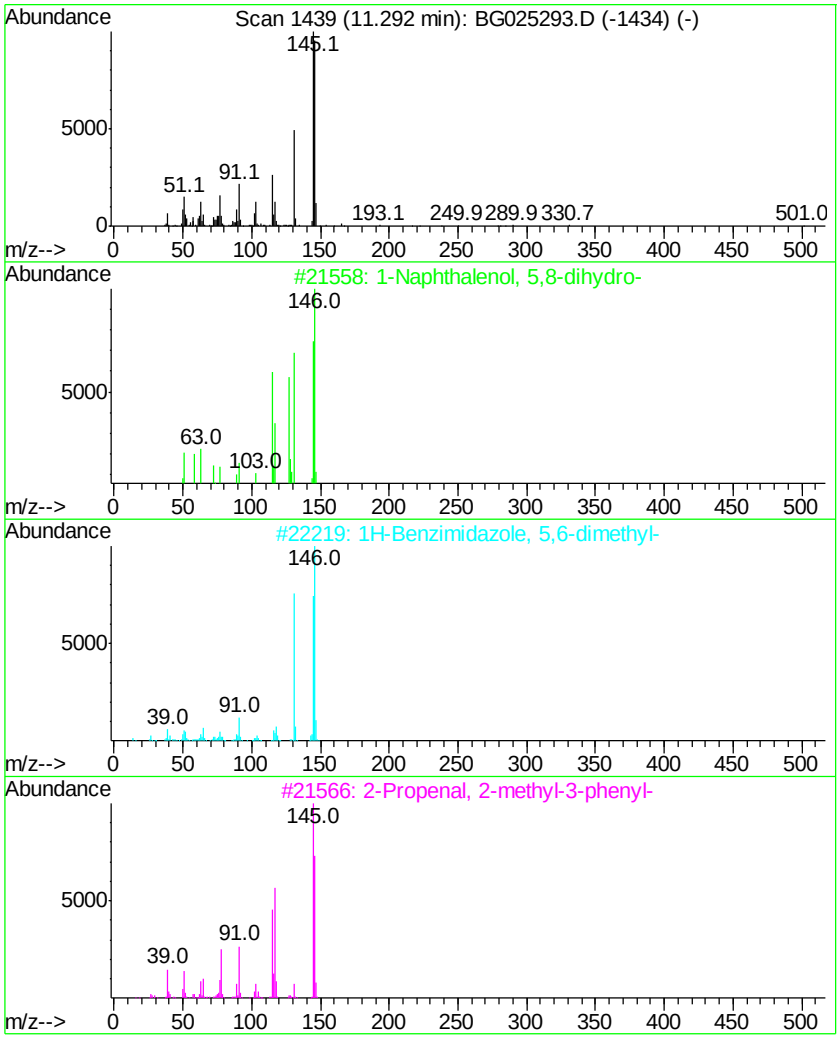
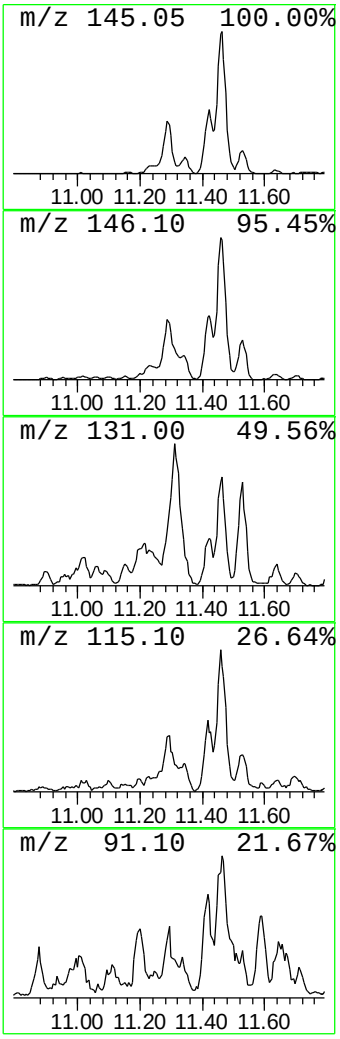
Peak Number 19 1-Naphthalenol, 5,8-dihydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	57.63 ng/ul	1386040	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	78
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	58
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	58
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	53
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	53





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Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

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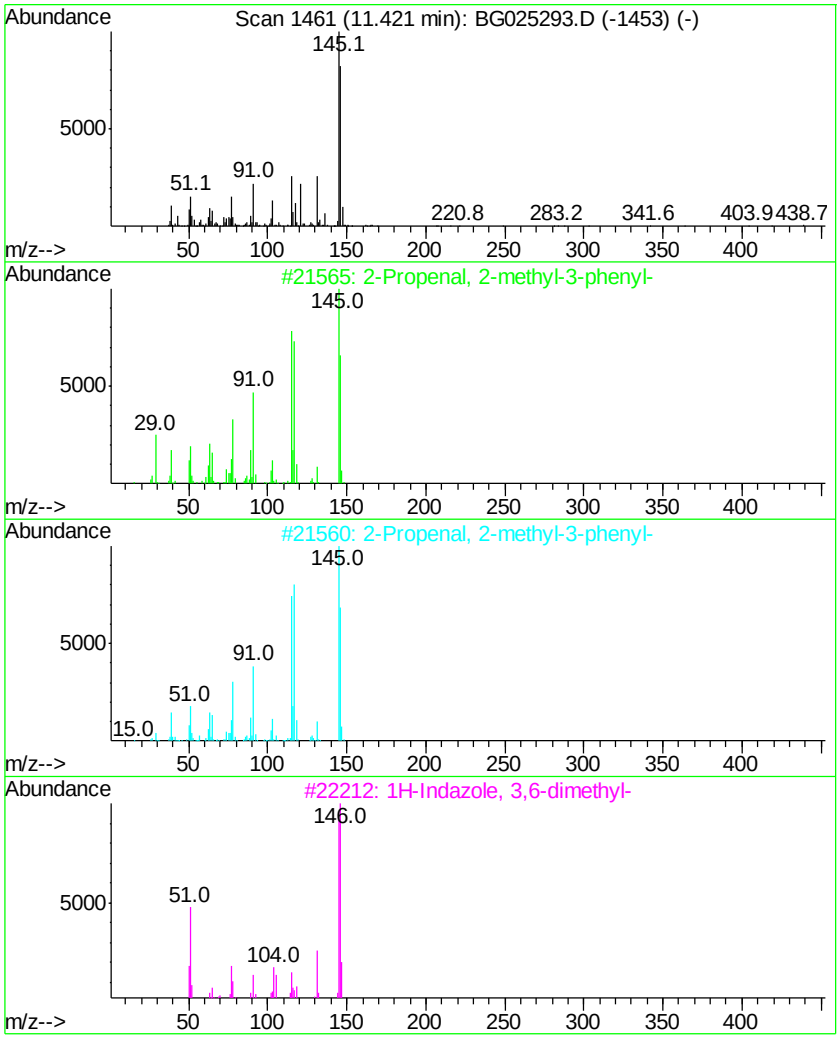
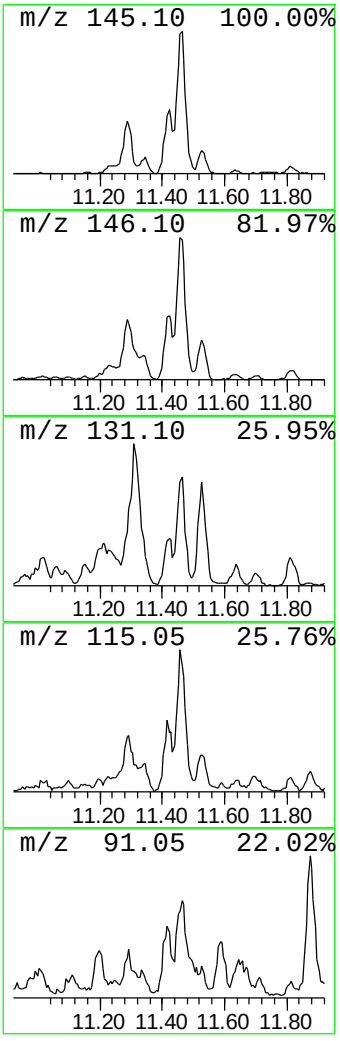
Peak Number 20 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	40.54 ng/ul	975030	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
3	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	59
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	53
5	2-Thiophenecarboxaldehyde, 5-chl...	146	C5H3ClOS	007283-96-7	50





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Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

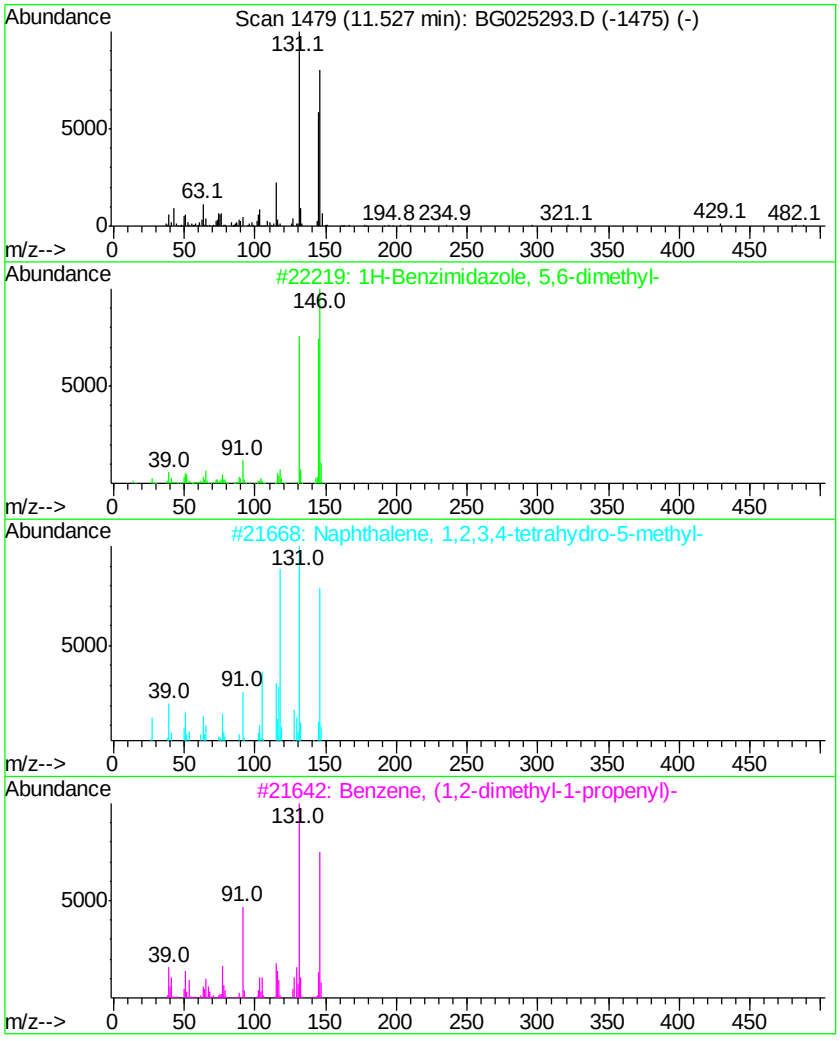
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

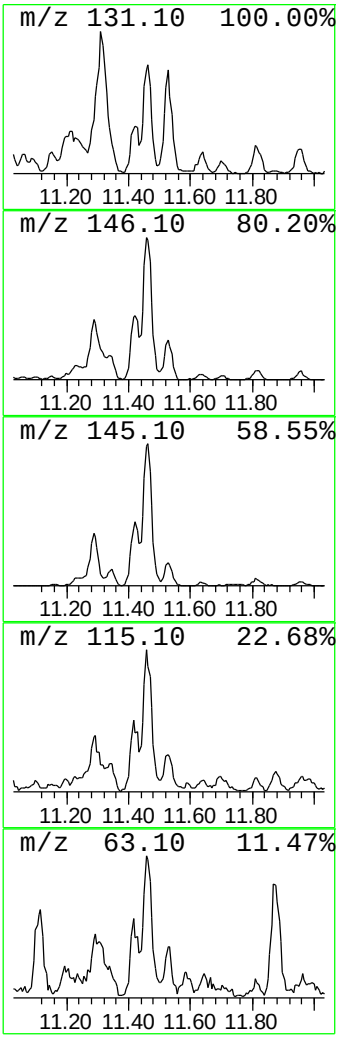
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 1H-Benzimidazole, 5,6-dimet... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	18.22 ng/ul	438089	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	80
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	72
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	72
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
5	1-Methylindan-2-one	146	C10H10O	035587-60-1	59





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Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

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

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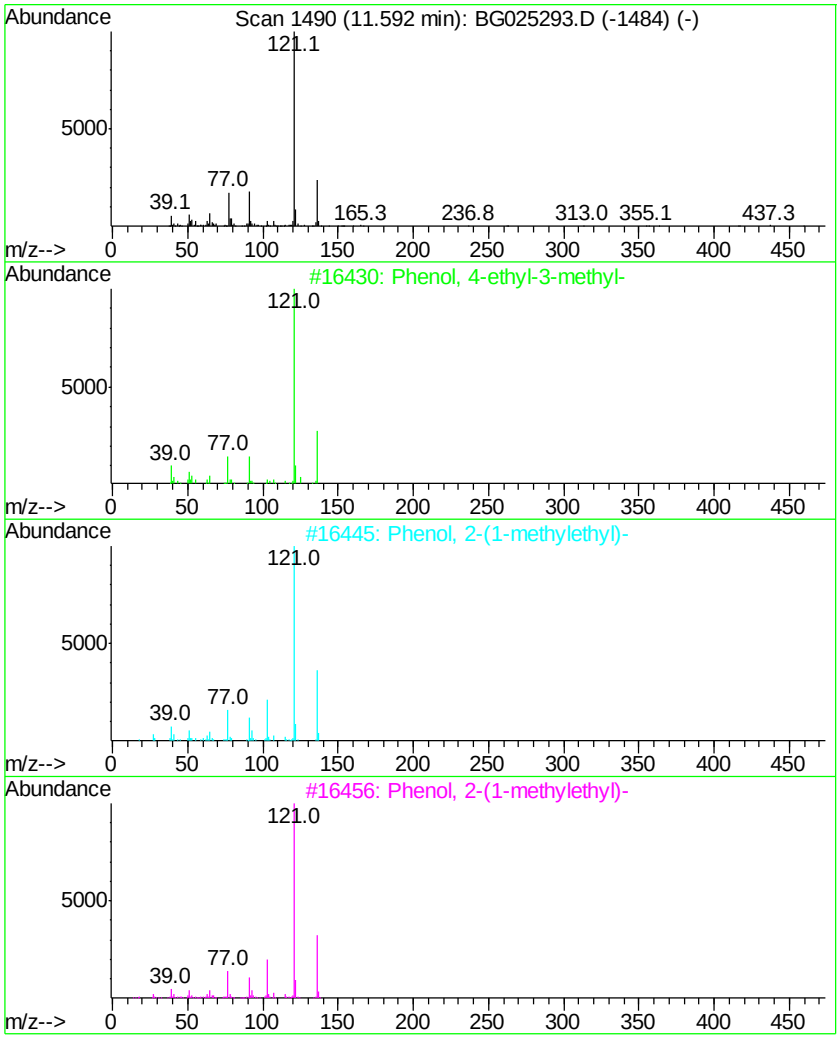
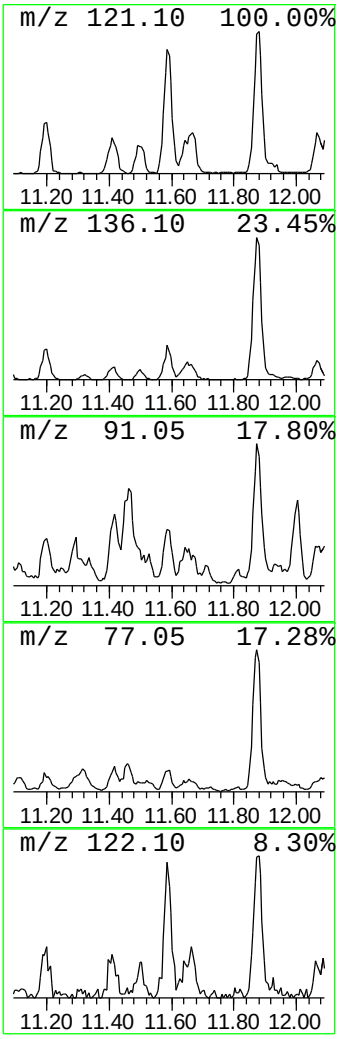
Peak Number 23 Phenol, 4-ethyl-3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	16.97 ng/ul	408018	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	90
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	87
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	86
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	86





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

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

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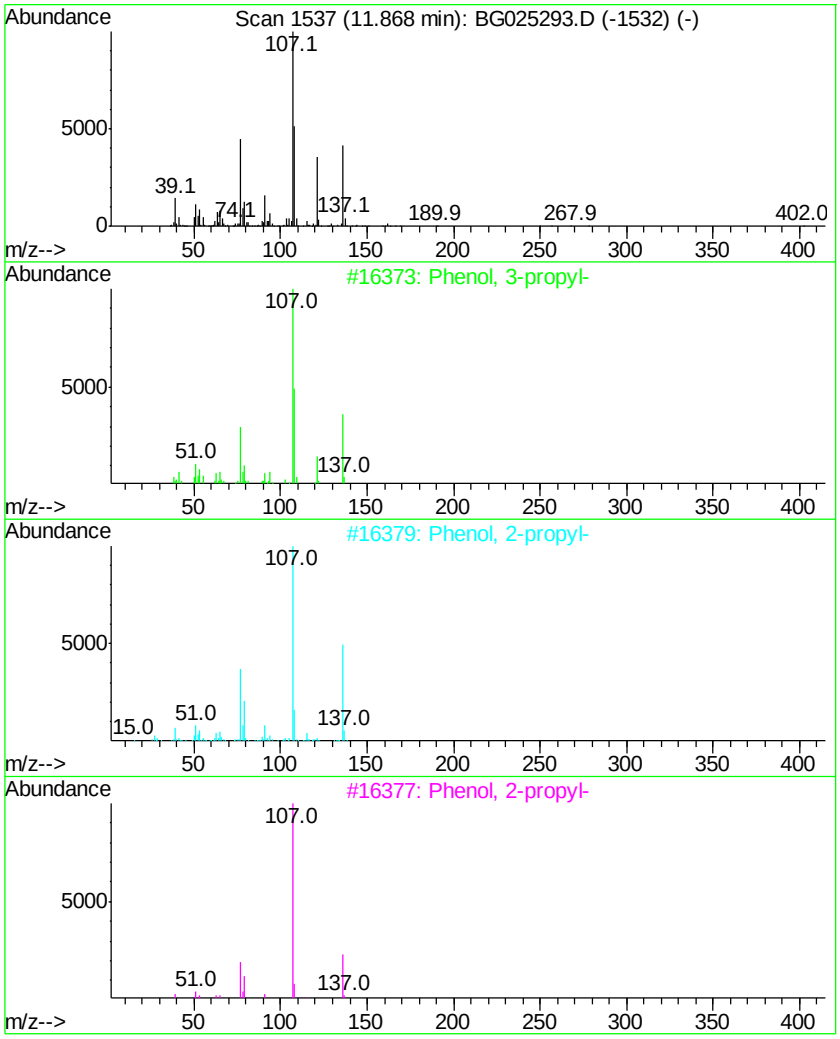
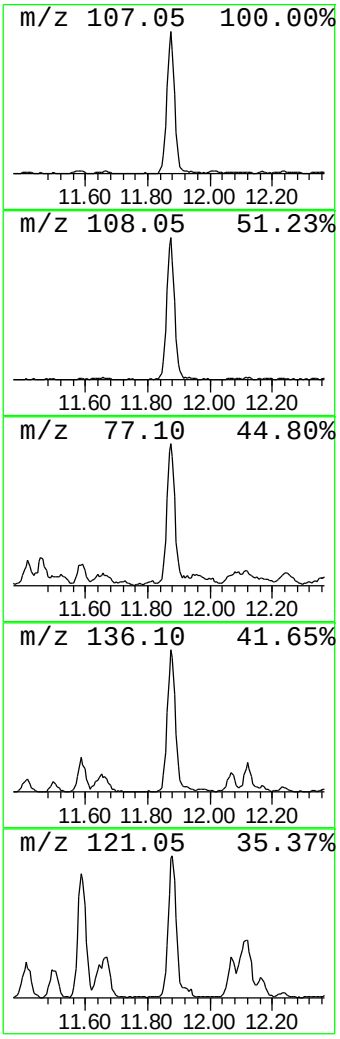
Peak Number 26 Phenol, 3-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	94.61 ng/ul	2275150	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	95
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	59
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	53
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	50
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	46





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Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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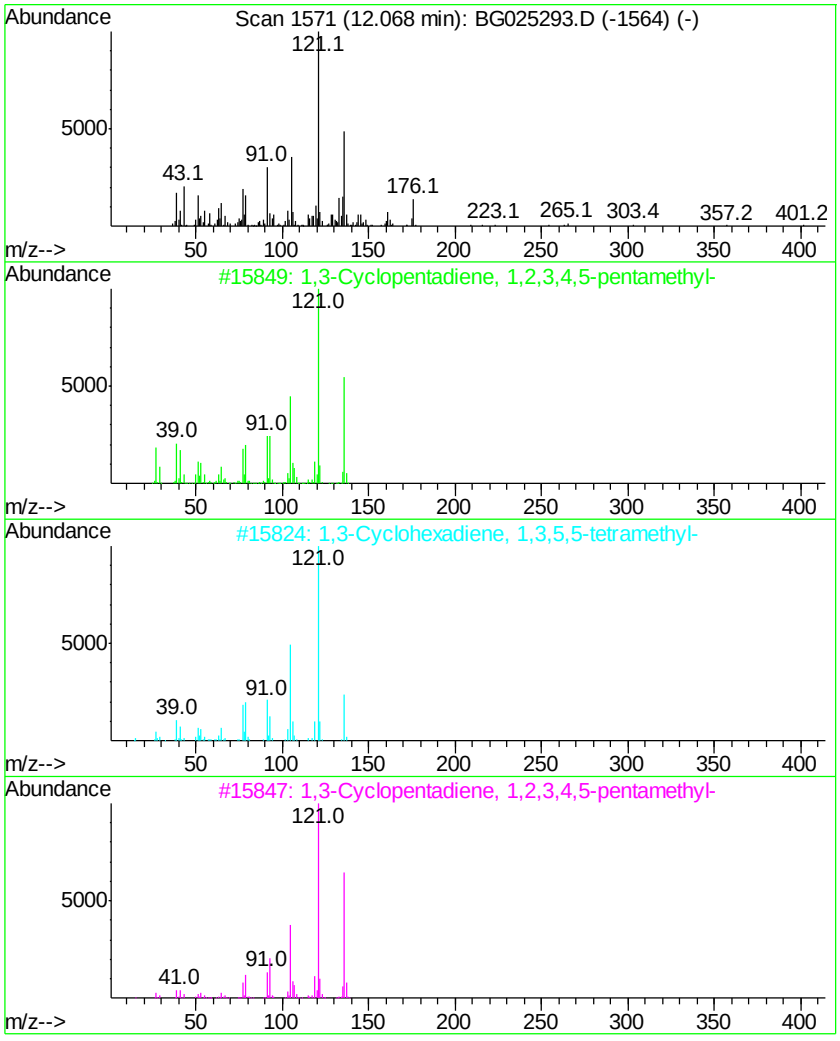
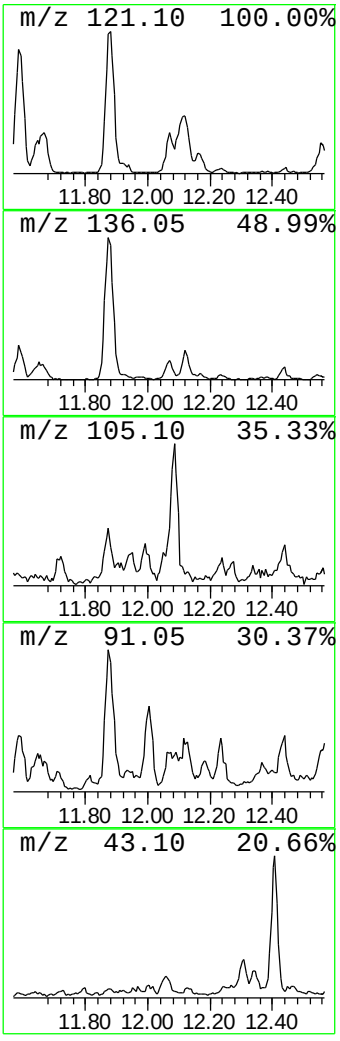
Peak Number 27 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	26.84 ng/ul	645438	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	87
2	1,3-Cyclohexadiene, 1,3,5,5-tetr...	136	C10H16	004724-89-4	81
3	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	76
4	2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	76
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	68





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Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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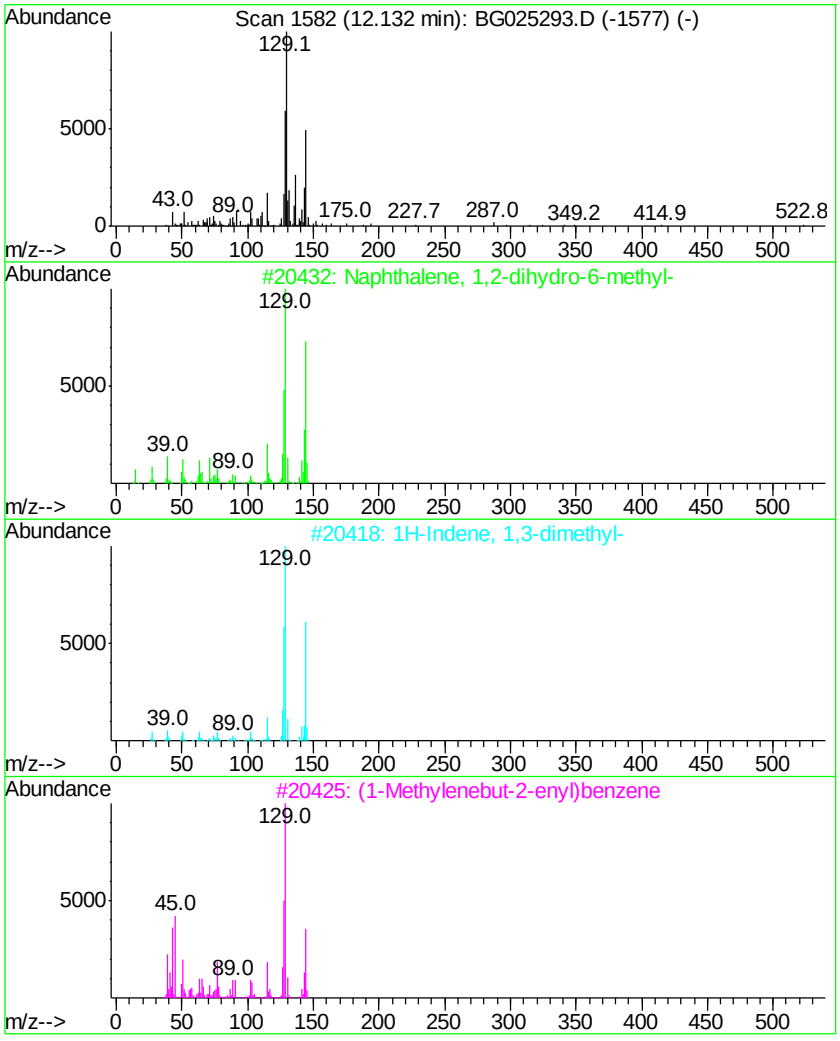
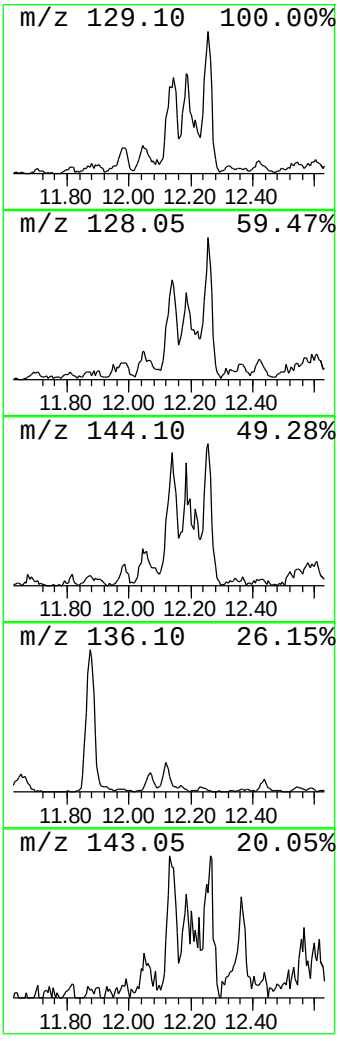
Peak Number 28 Naphthalene, 1,2-dihydro-6-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	14.02 ng/ul	337174	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	62
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	58
3	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	53
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	52
5	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	49





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Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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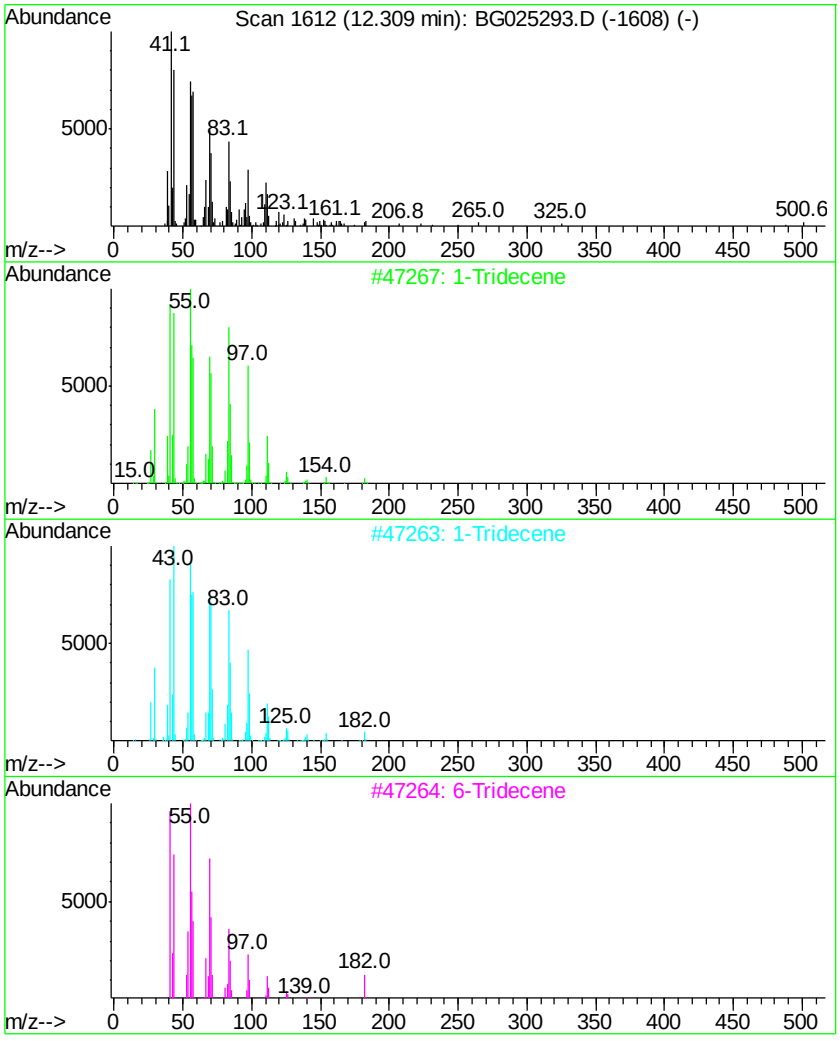
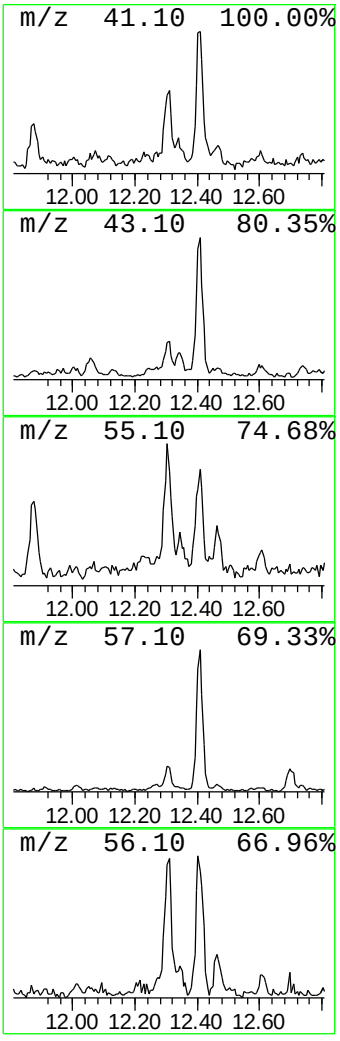
Peak Number 30 (DEL) Alkane: Cyclic12.31 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	9.34 ng/ul	224590	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	70
2	1-Tridecene	182	C13H26	002437-56-1	60
3	6-Tridecene	182	C13H26	024949-38-0	53
4	1-Dodecene	168	C12H24	000112-41-4	52
5	Hexadecane, 1,1-bis(dodecyloxy)-	595	C40H82O2	056554-64-4	52





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Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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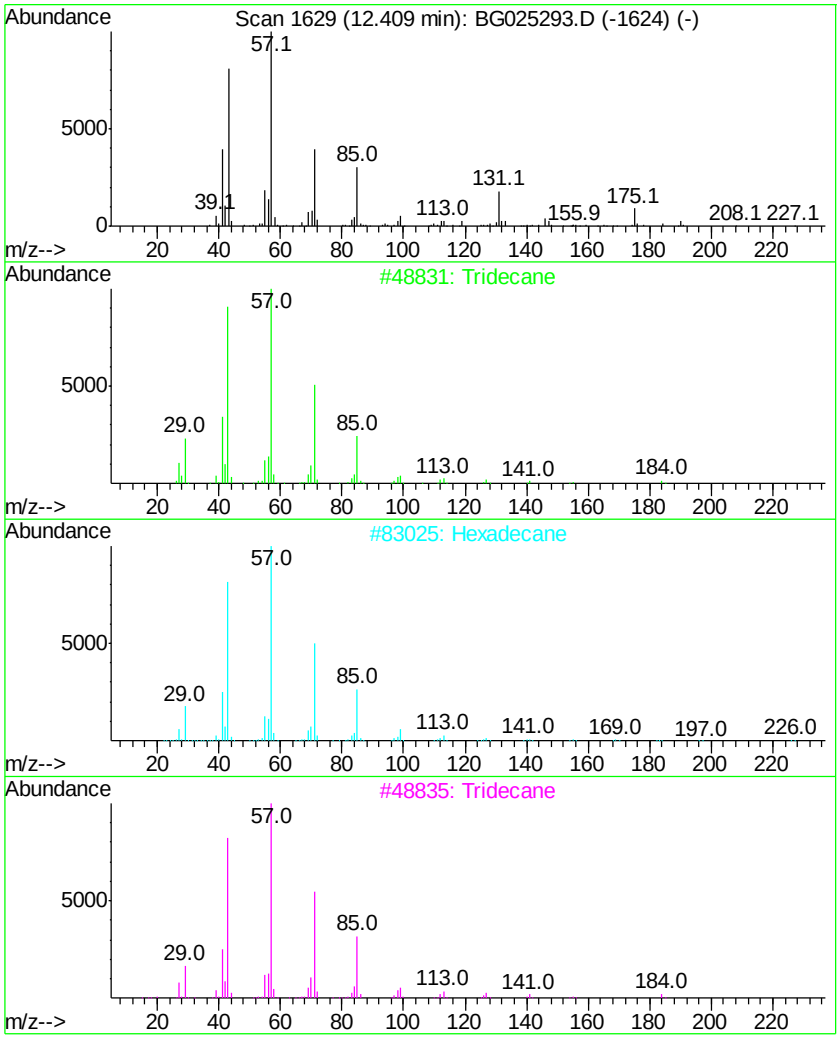
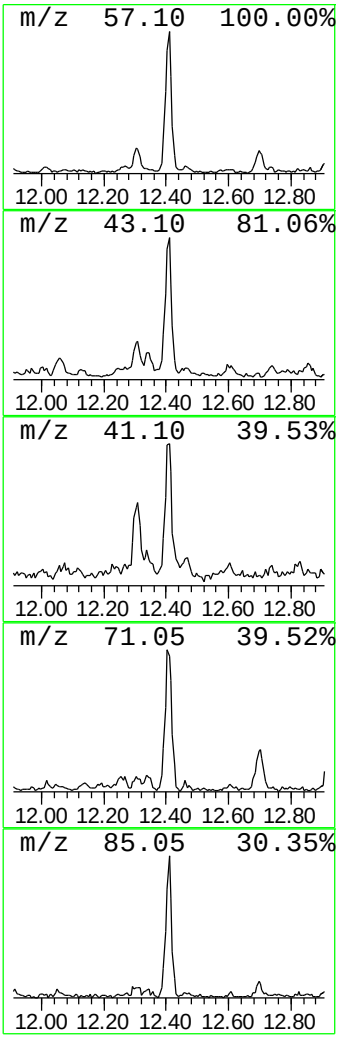
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	22.50 ng/ul	541059	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Hexadecane	226	C16H34	000544-76-3	64
3	Tridecane	184	C13H28	000629-50-5	58
4	Hexadecane	226	C16H34	000544-76-3	53
5	Undecane	156	C11H24	001120-21-4	53





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Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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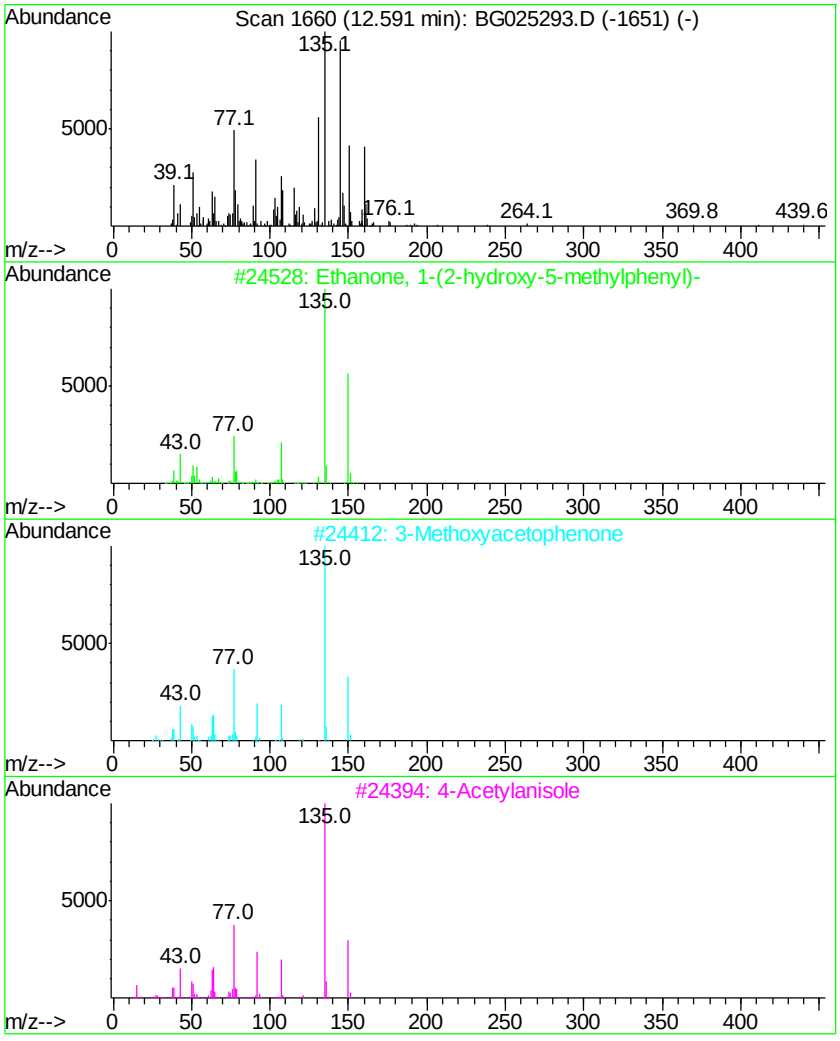
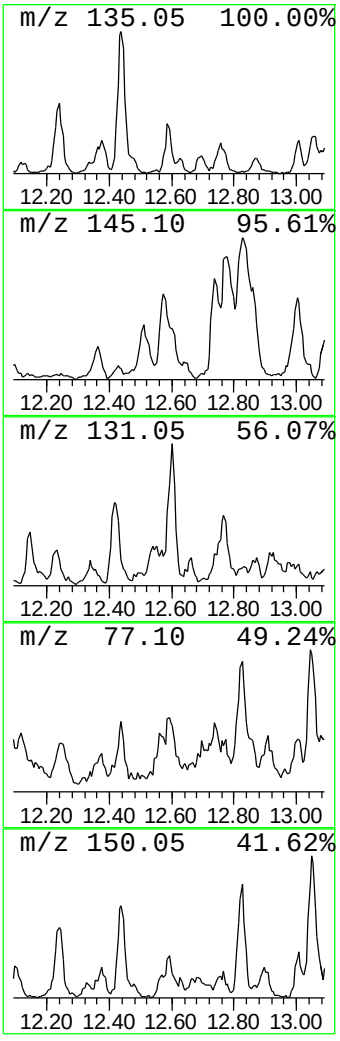
Peak Number 32 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	30.57 ng/ul	735058	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	43
2	3-Methoxyacetophenone	150	C9H10O2	000586-37-8	38
3	4-Acetylanisole	150	C9H10O2	000100-06-1	35
4	4-Acetylanisole	150	C9H10O2	000100-06-1	35
5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	30





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Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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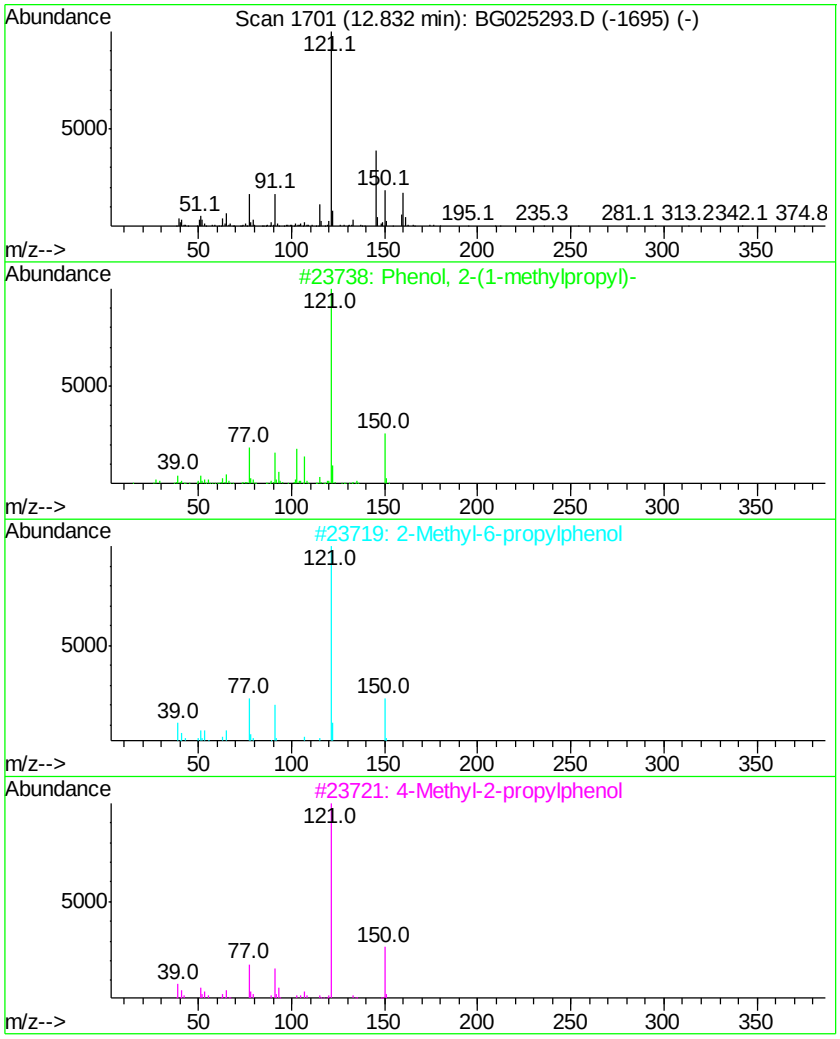
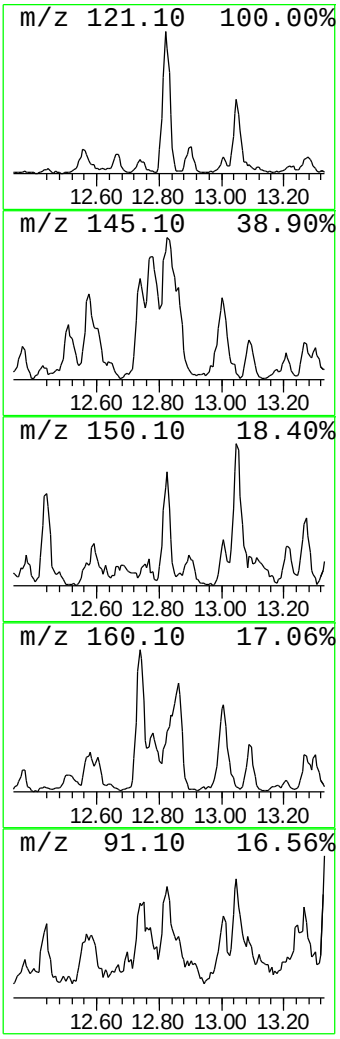
Peak Number 33 Phenol, 2-(1-methylpropyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	27.93 ng/ul	671710	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	64
2	2-Methyl-6-propylphenol	150	C10H14O	003520-52-3	64
3	4-Methyl-2-propylphenol	150	C10H14O	004074-46-8	64
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	59
5	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	59





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Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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Quant Title : SVOA CALIBRATION

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

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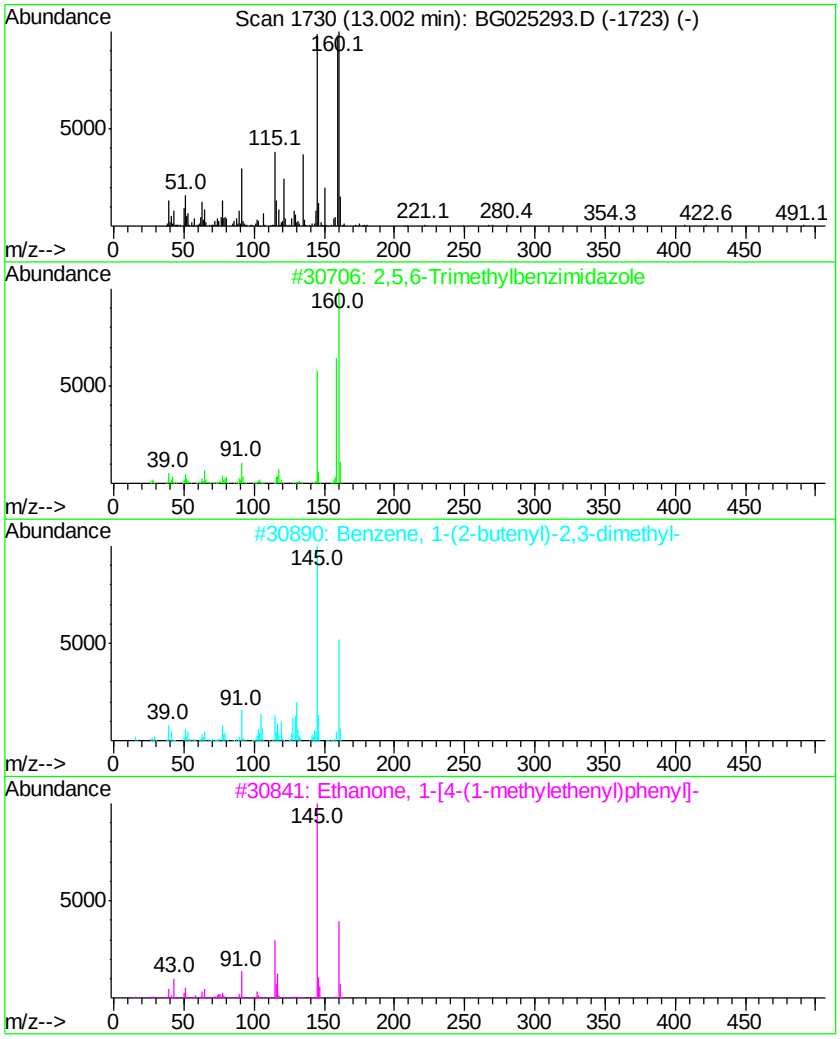
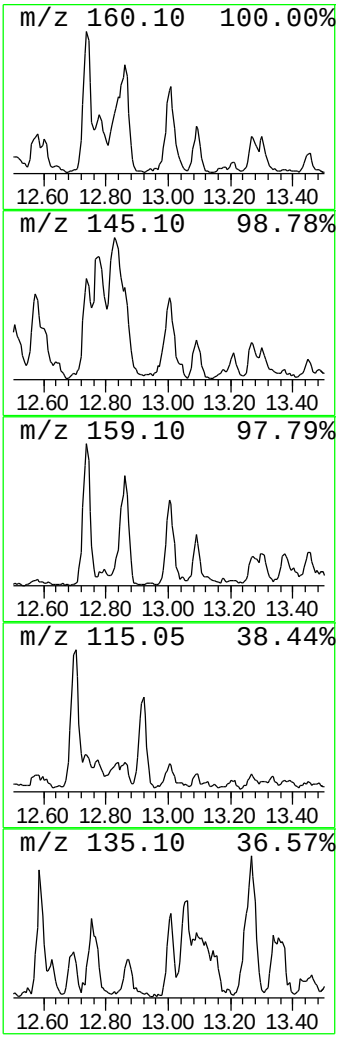
Peak Number 35 2,5,6-Trimethylbenzimidazole Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	16.72 ng/ul	714583	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	76
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	50
3	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	49
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	49
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	43





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Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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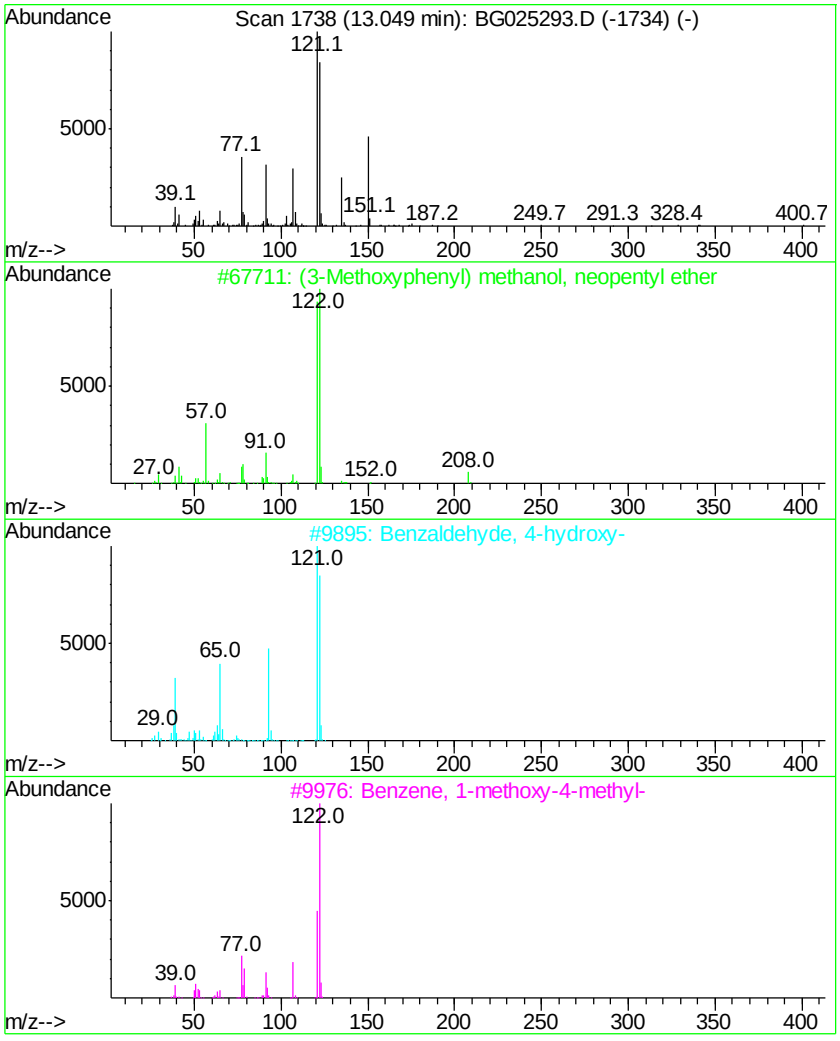
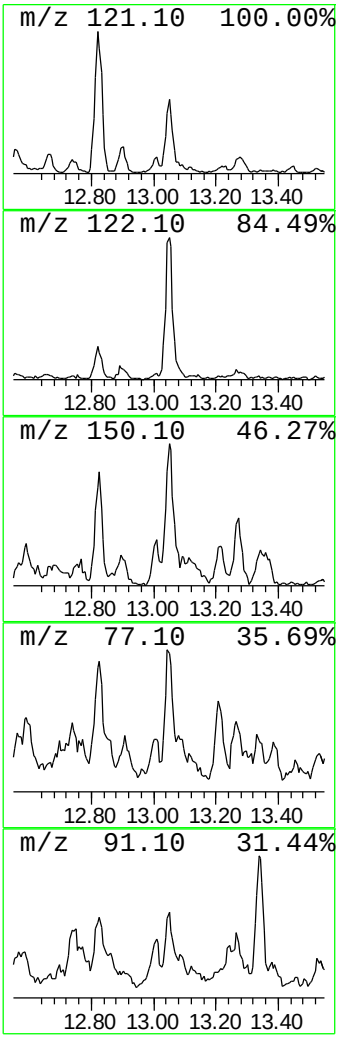
Peak Number 36 unknown-02 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	16.64 ng/ul	710977	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Methoxyphenyl) methanol, neop...	208	C13H20O2	1000374-59-5	47
2	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	47
3	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	43
4	1,3-Benzodioxole	122	C7H6O2	000274-09-9	38
5	Hydrazine, 1-methyl-1-phenyl-	122	C7H10N2	000618-40-6	35





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Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

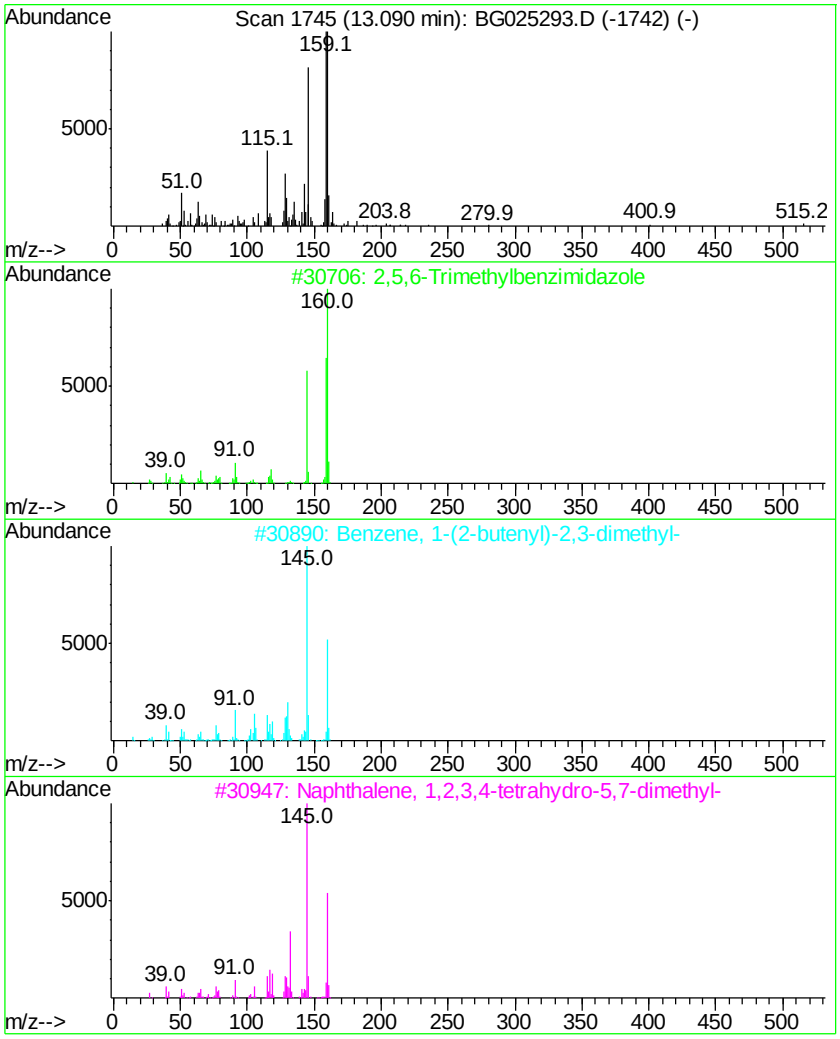
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

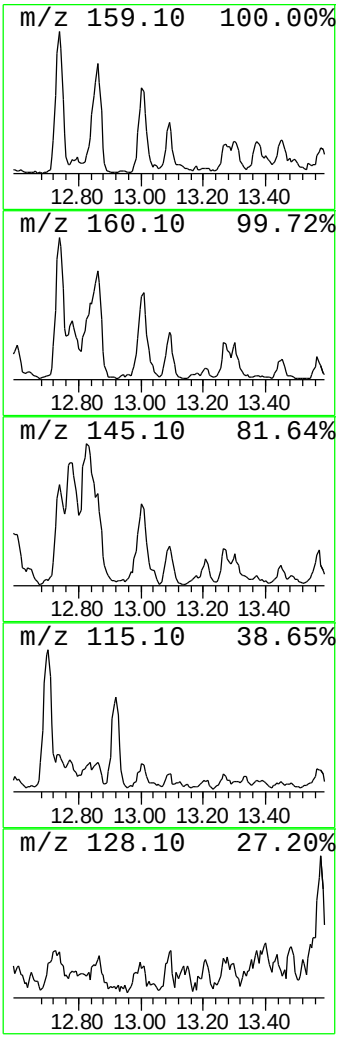
****

Peak Number 37 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	15.94 ng/ul	681224	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	49
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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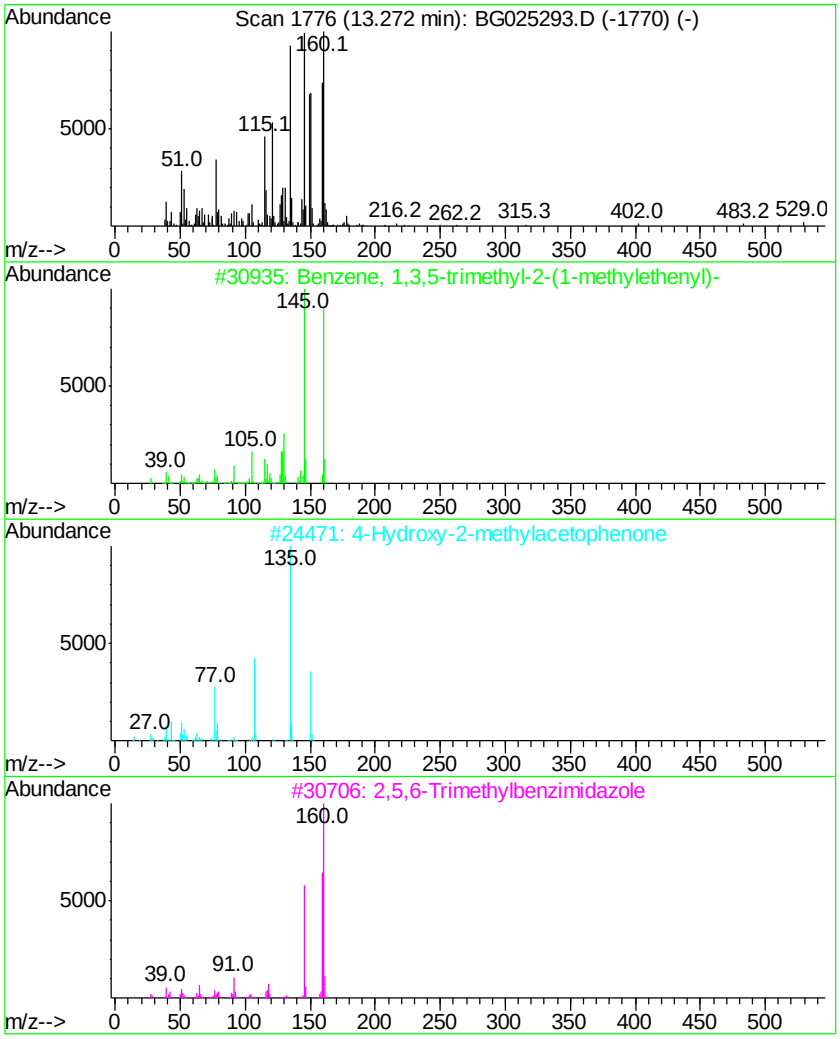
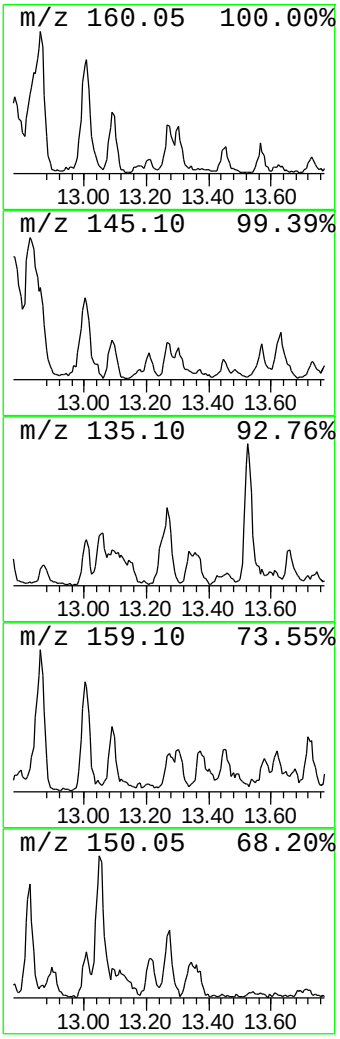
Peak Number 39 unknown-04 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	11.54 ng/ul	493171	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	42
2	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	40
3	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	30
4	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	30
5	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	25





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Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

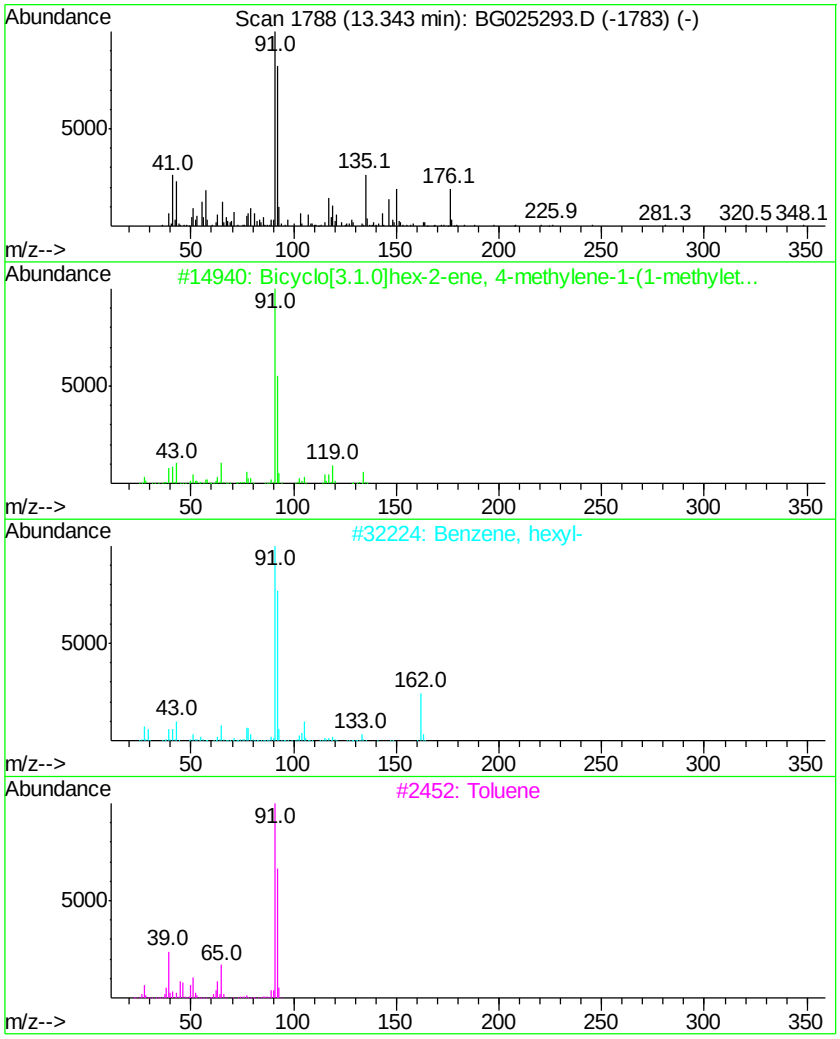
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

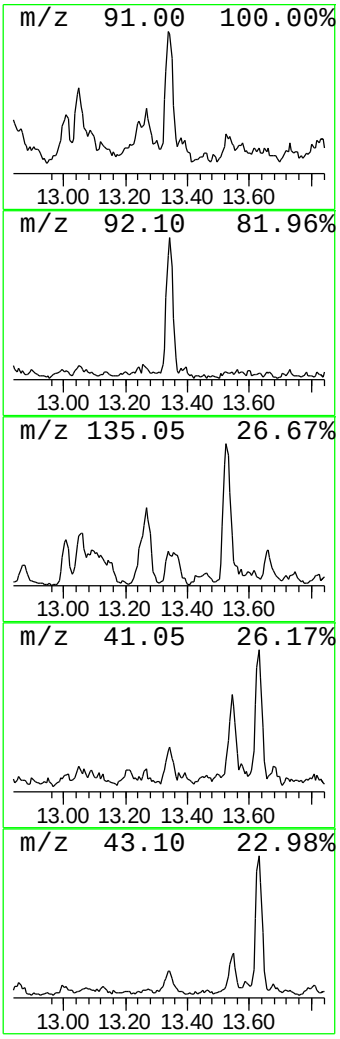
****

Peak Number 40 unknown-05 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	8.62 ng/ul	368551	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hex-2-ene, 4-methy...	134	C10H14	036262-09-6	35
2	Benzene, hexyl-	162	C12H18	001077-16-3	25
3	Toluene	92	C7H8	000108-88-3	25
4	Benzene, (butoxymethyl)-	164	C11H16O	000588-67-0	22
5	Phenylethyl Alcohol	122	C8H10O	000060-12-8	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

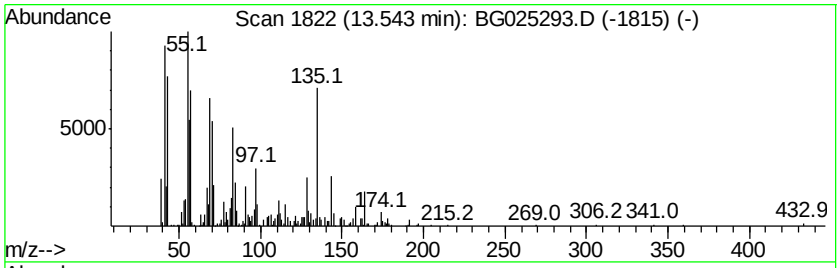
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

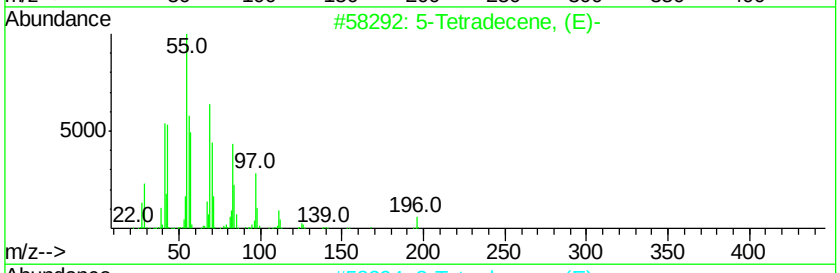
****

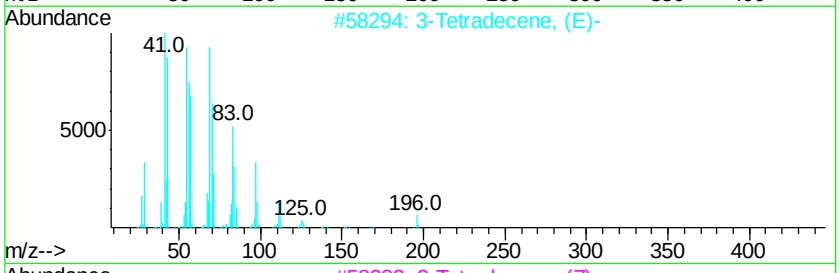
Peak Number 41 (DEL) Alkane: Cyclic13.54 Concentration Rank 27

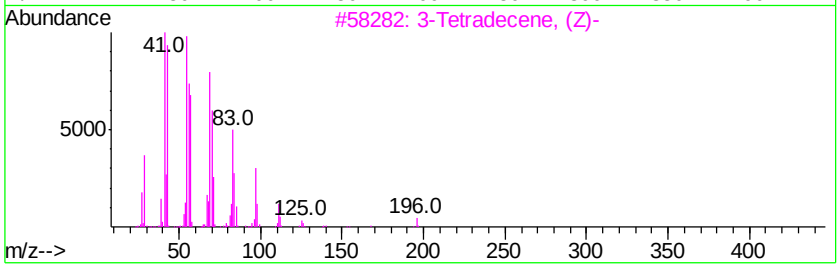
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	16.83 ng/ul	719071	Acenaphthene-d10	14.86

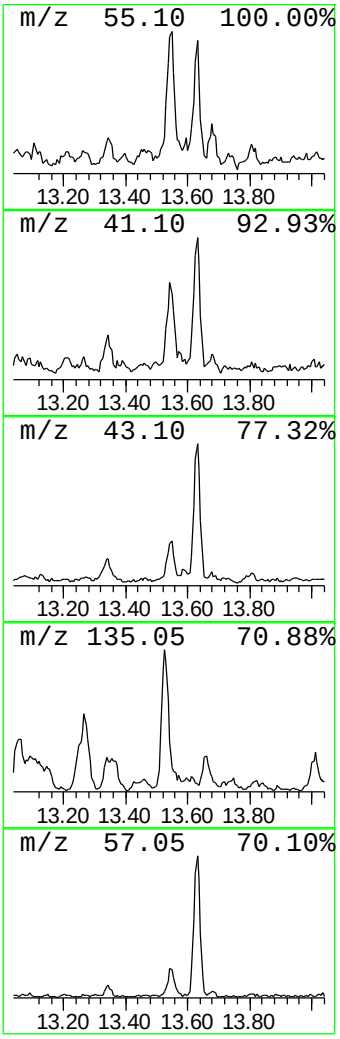
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Tetradecene, (E)-	196	C14H28	041446-66-6	91
2	3-Tetradecene, (E)-	196	C14H28	041446-68-8	60
3	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	60
4	7-Tetradecene, (E)-	196	C14H28	041446-63-3	60
5	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	60











Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

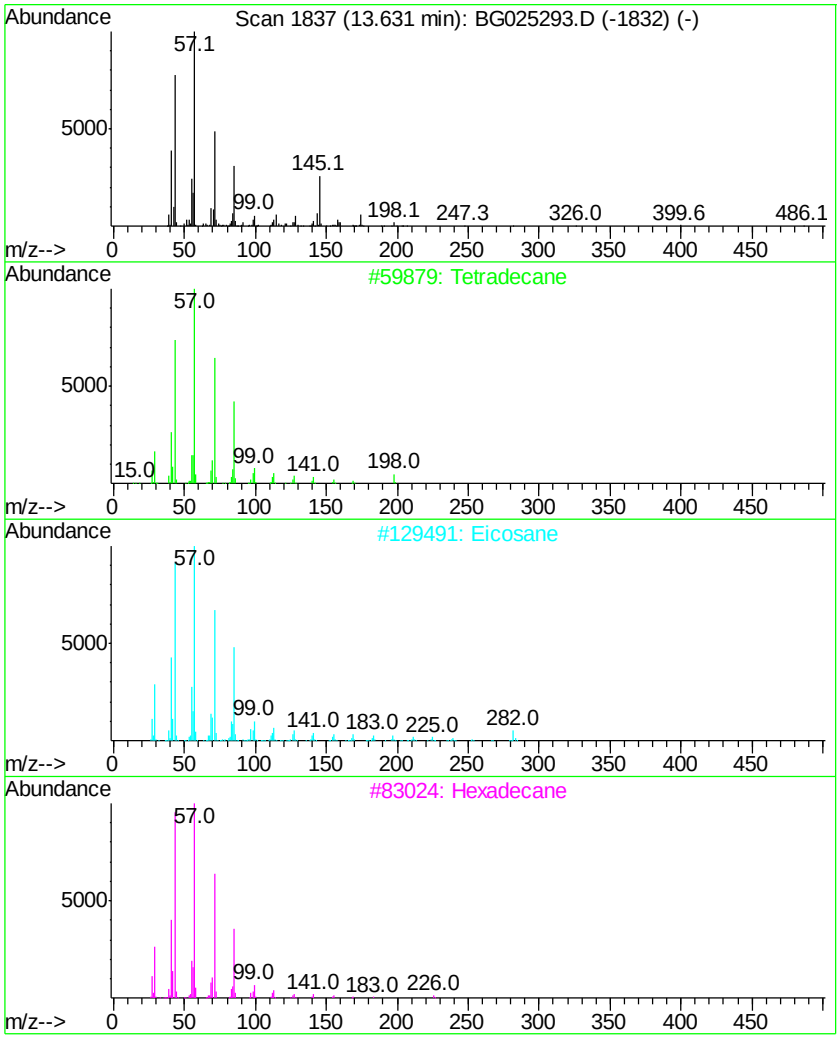
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

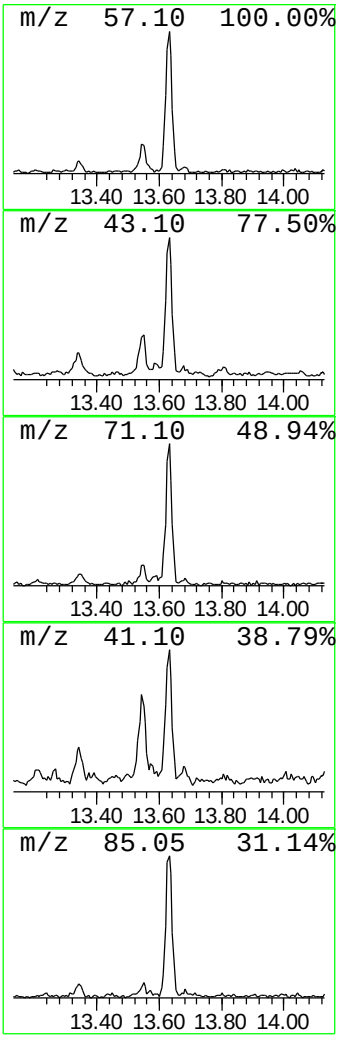
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	18.45 ng/ul	788270	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Eicosane	282	C20H42	000112-95-8	70
3	Hexadecane	226	C16H34	000544-76-3	58
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	55
5	Hexadecane	226	C16H34	000544-76-3	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

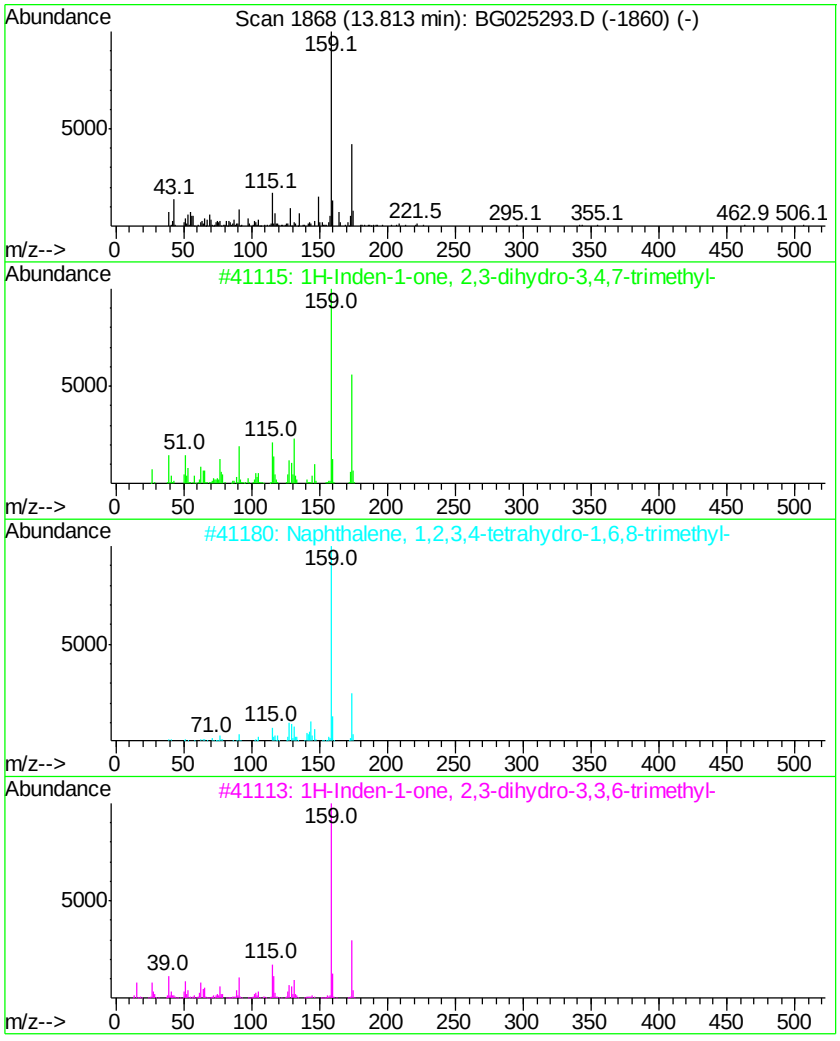
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

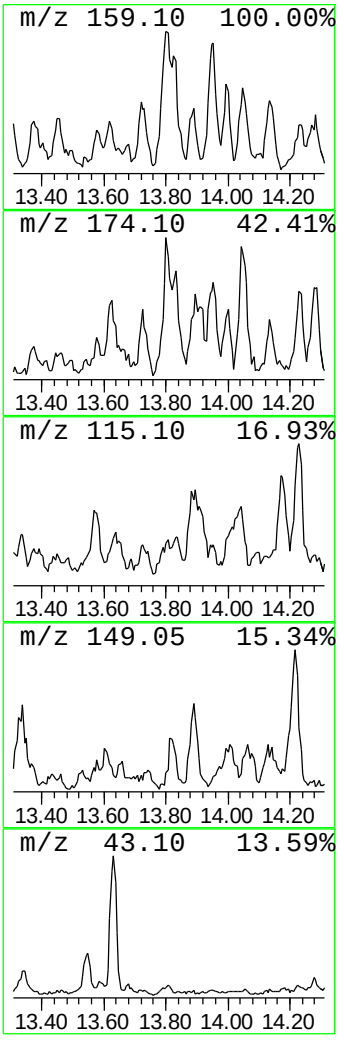
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	7.30 ng/ul	312062	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	86
3	1H-Inden-1-one, 2,3-dihydro-3,3,...	174	C12H14O	054484-71-8	86
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	83
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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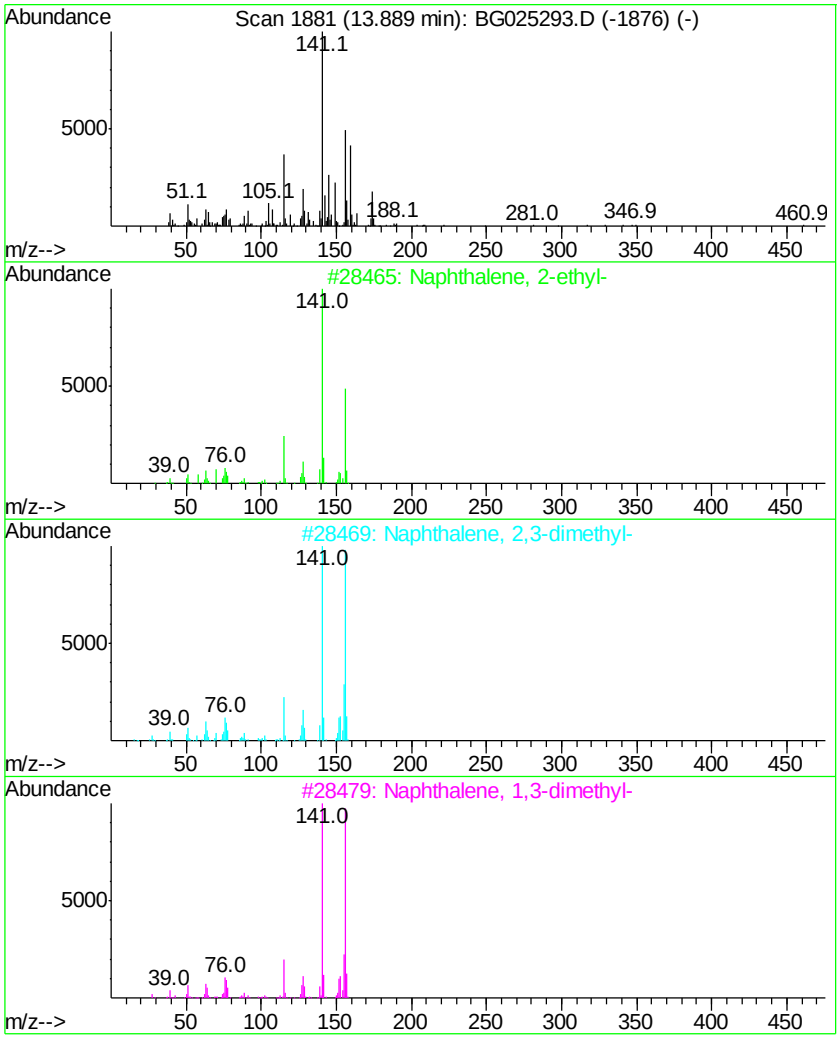
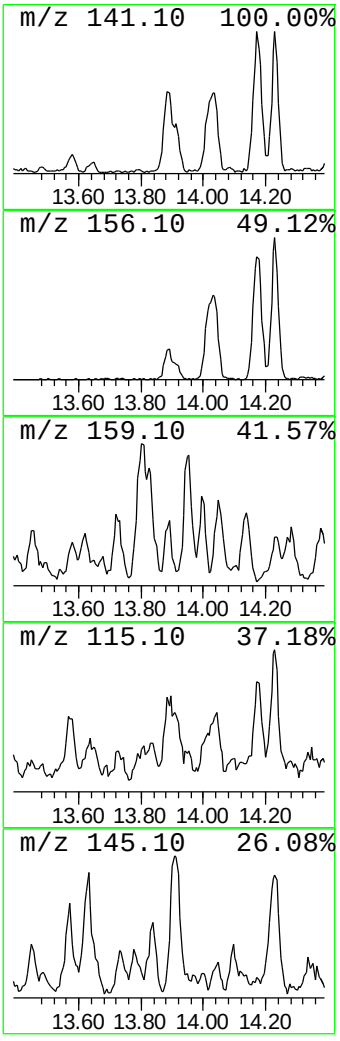
Peak Number 44 Naphthalene, 2-ethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	13.12 ng/ul	560773	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	53
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	52
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	50
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	49
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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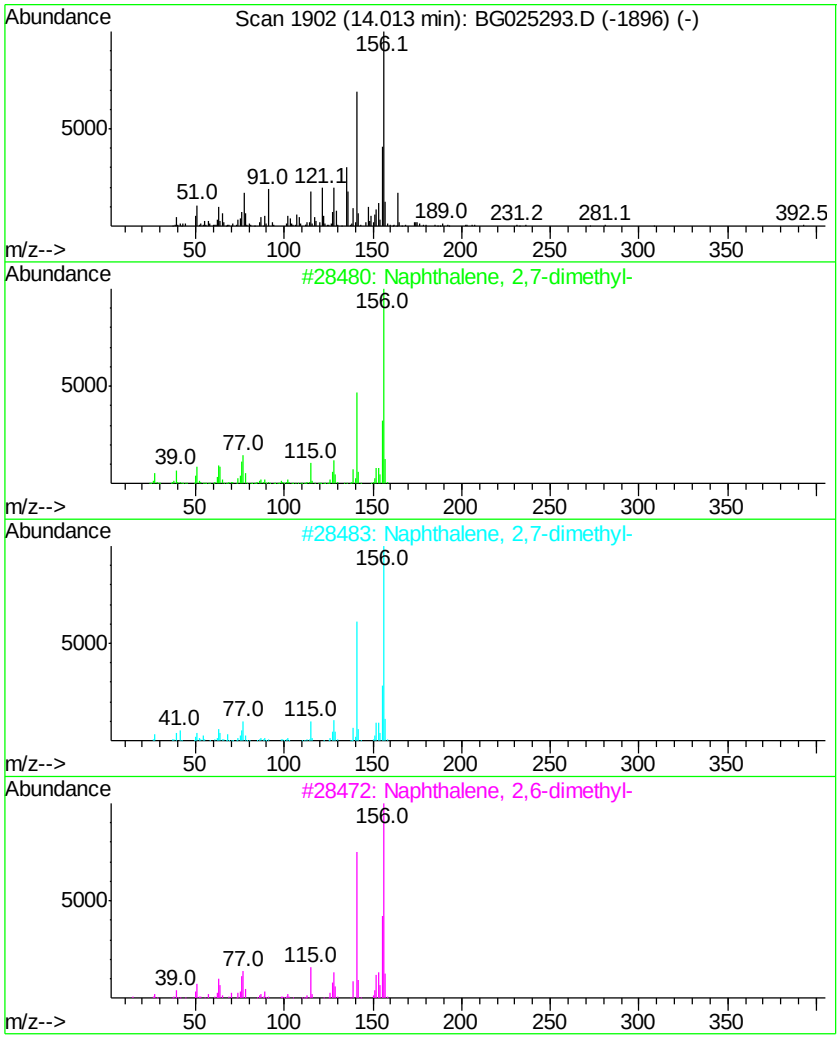
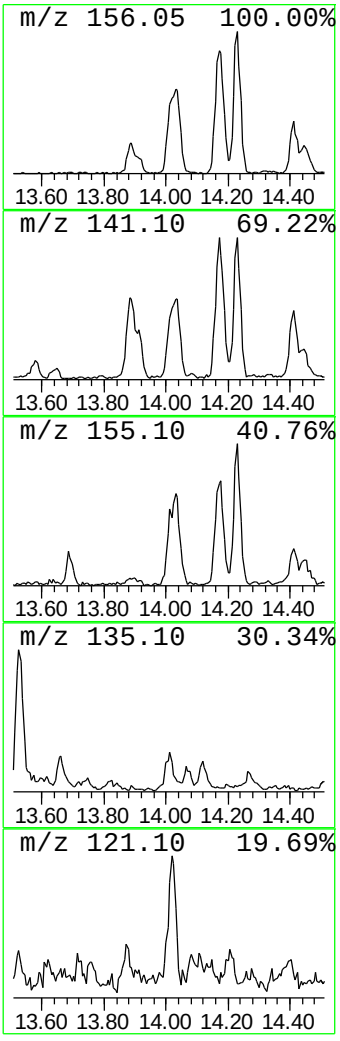
Peak Number 45 Naphthalene, 2,7-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	14.94 ng/ul	638493	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	76
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	76





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Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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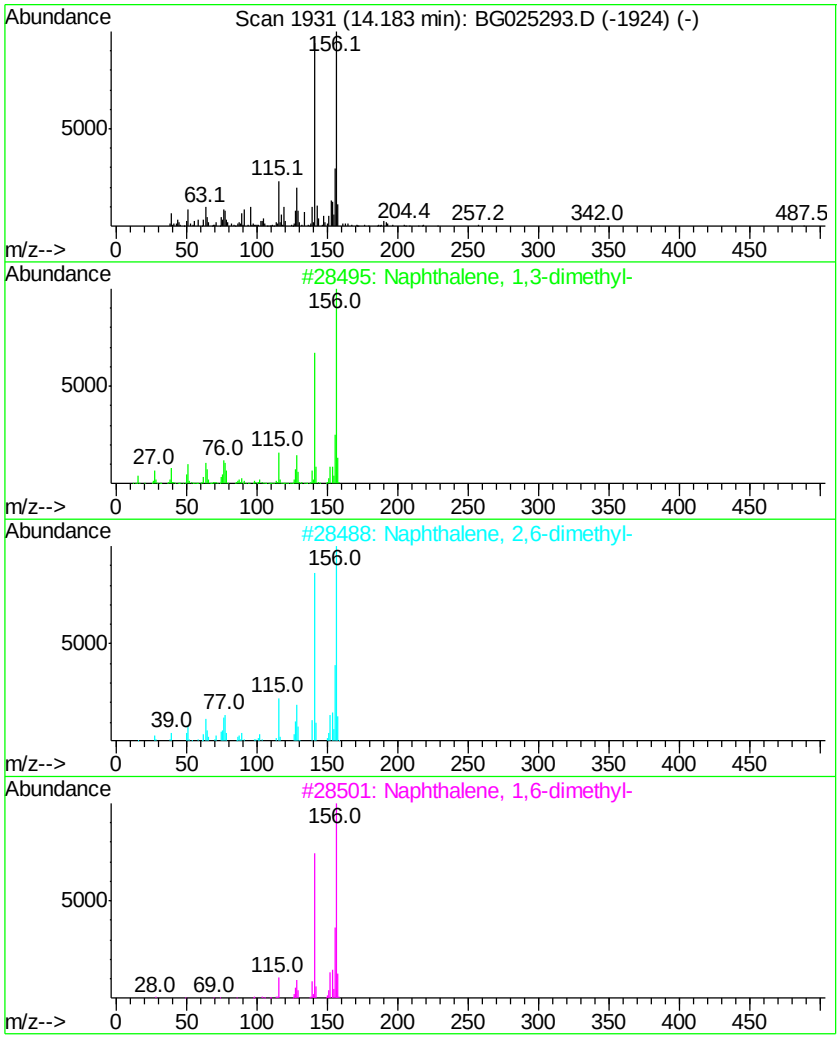
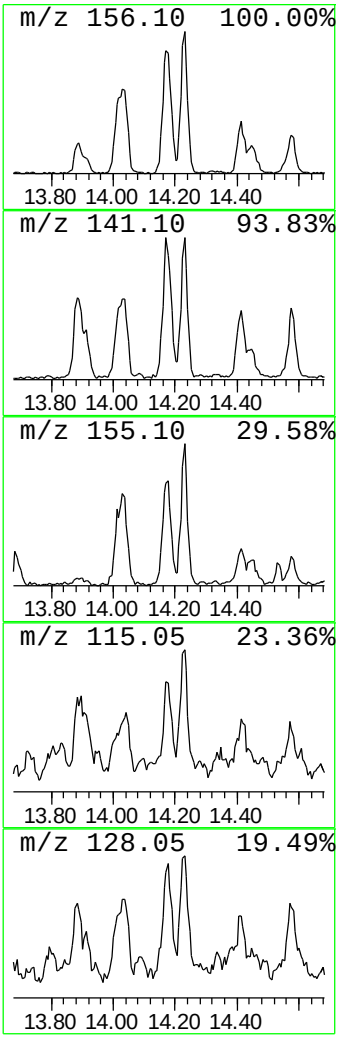
Peak Number 46 Naphthalene, 1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	17.28 ng/ul	738290	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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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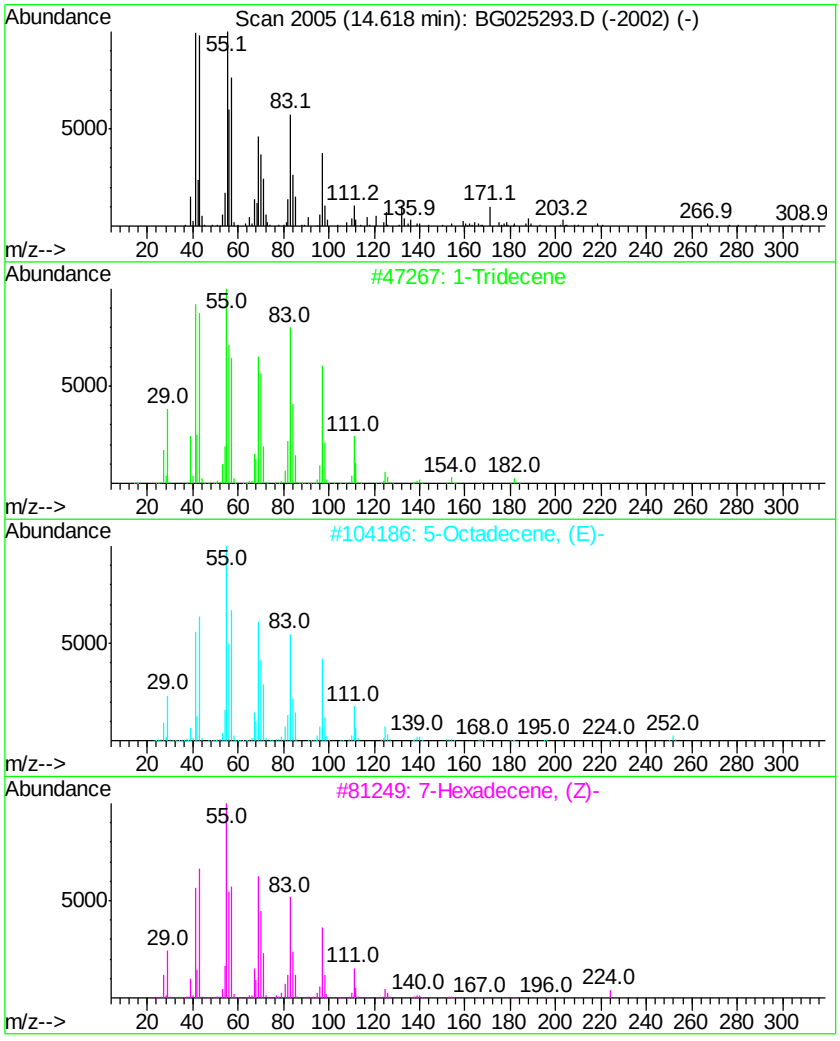
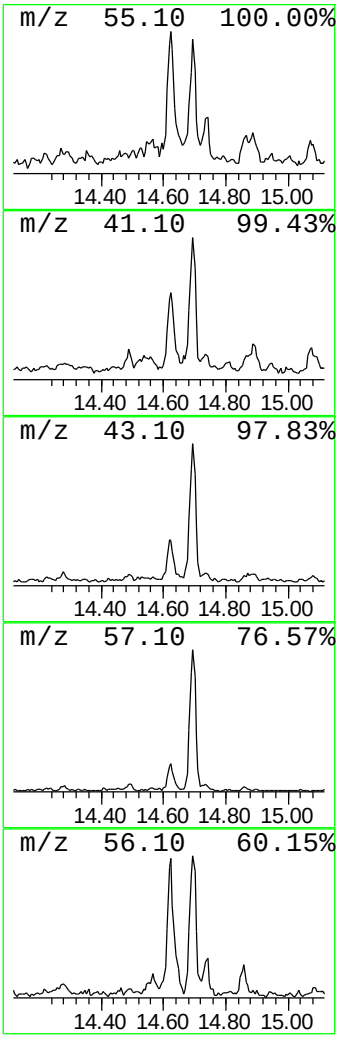
Peak Number 49 (DEL) Alkane: Cyclic14.62 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	10.28 ng/ul	439465	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	93
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	90
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	90
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
5	Cyclohexadecane	224	C16H32	000295-65-8	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

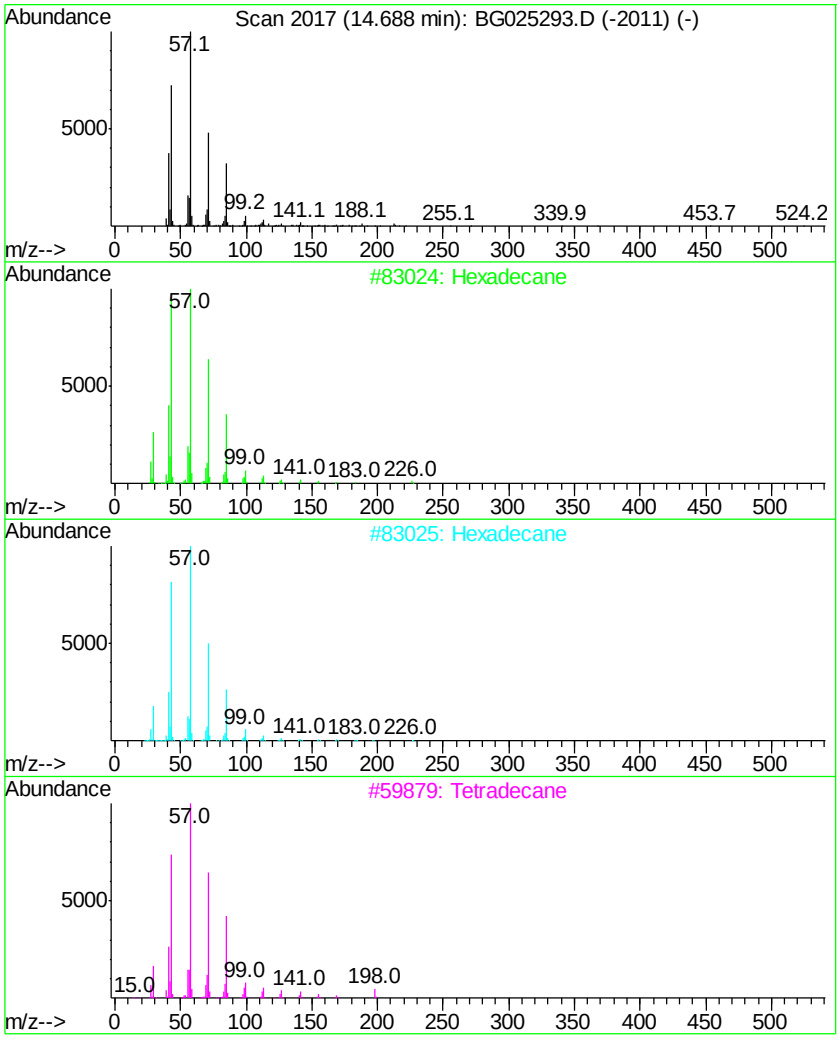
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

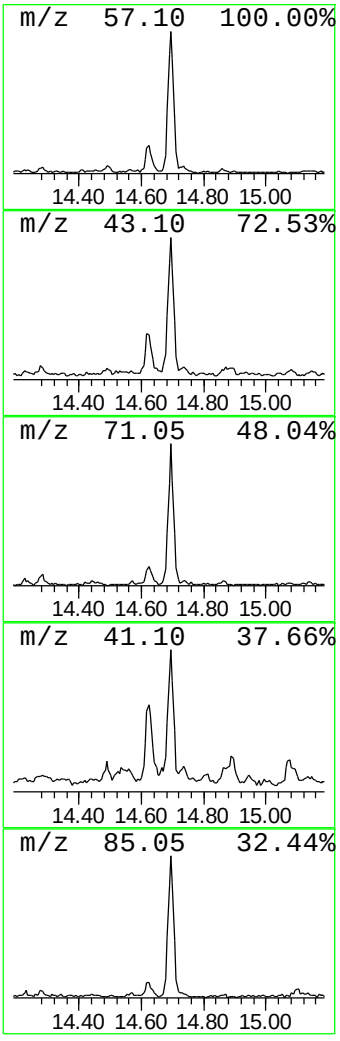
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	24.00 ng/ul	1025640	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

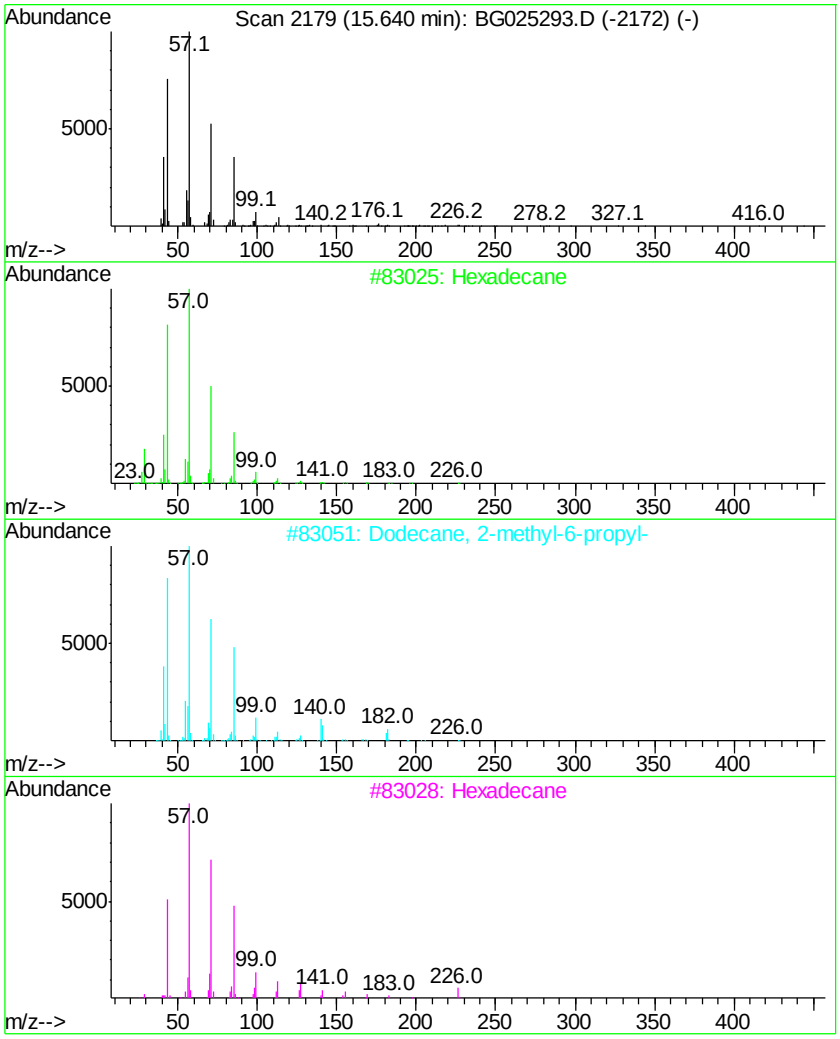
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

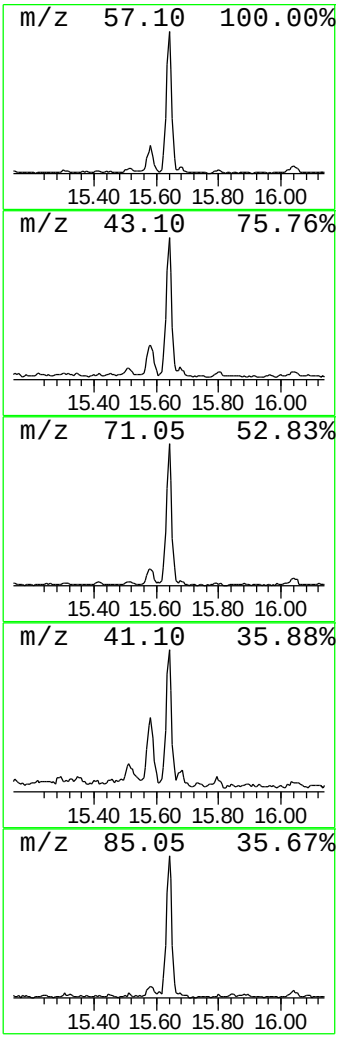
****

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	33.61 ng/ul	1436340	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
3	Hexadecane	226	C16H34	000544-76-3	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	3-Heptanone, 4-methyl-	128	C8H16O	006137-11-7	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

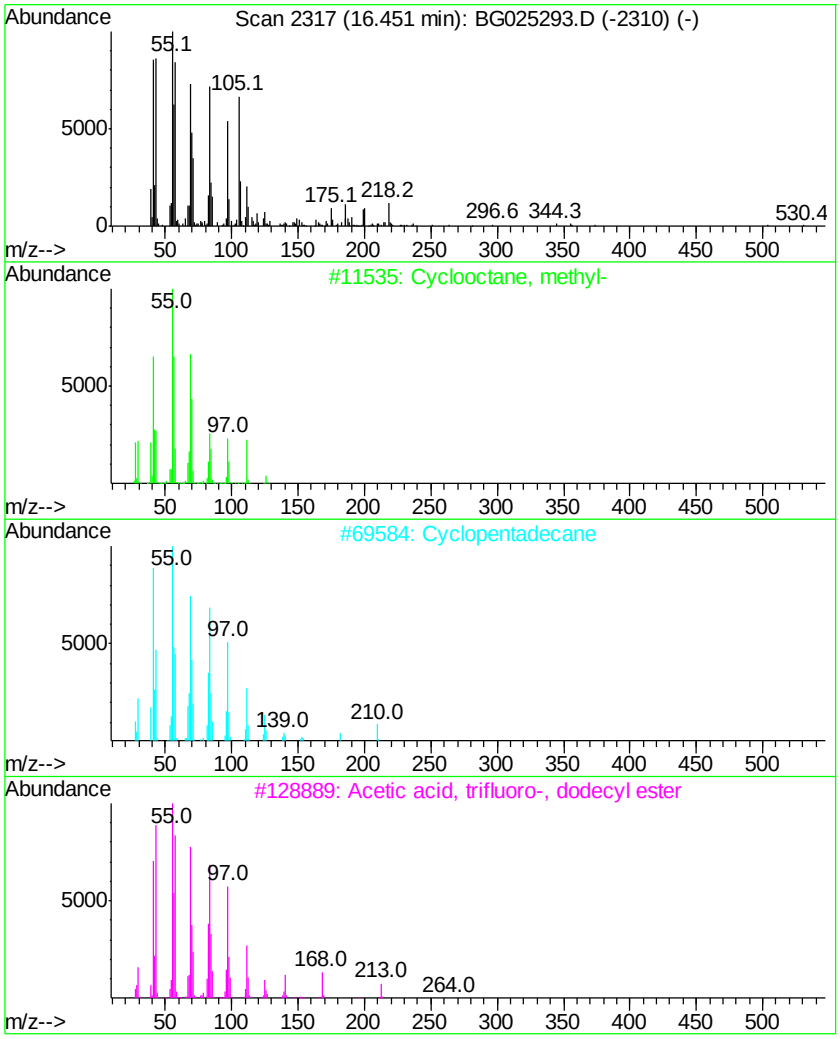
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

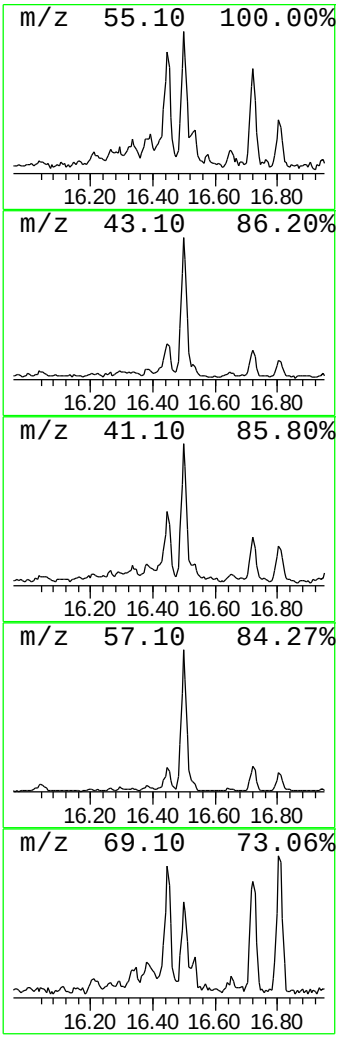
****

Peak Number 57 (DEL) Alkane: Cyclic16.45 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	13.73 ng/ul	729051	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	90
2	Cyclopentadecane	210	C15H30	000295-48-7	80
3	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	80
4	3-Octadecene, (E)-	252	C18H36	007206-19-1	76
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

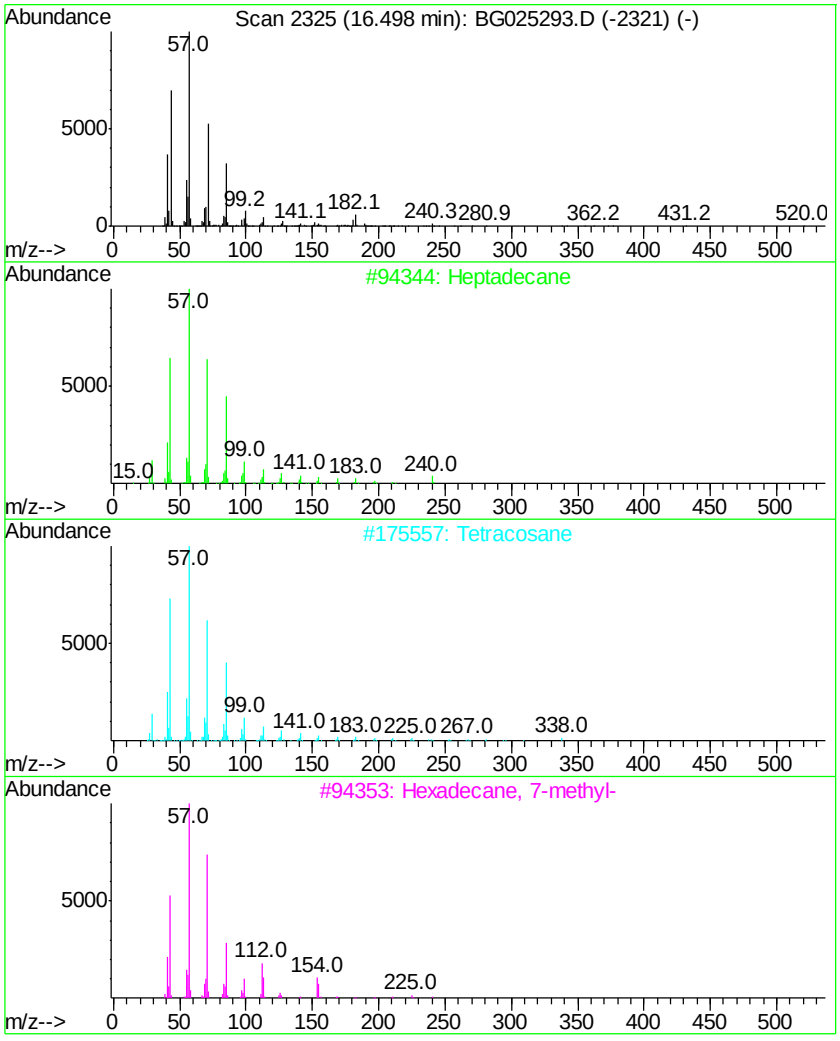
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

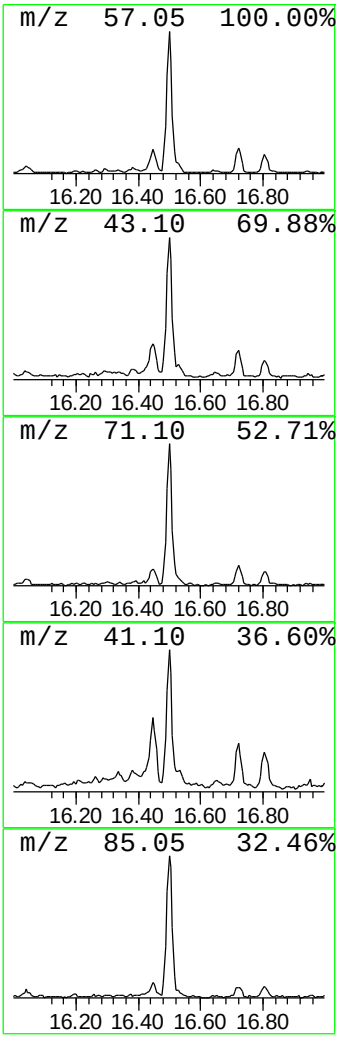
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	24.59 ng/ul	1305310	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

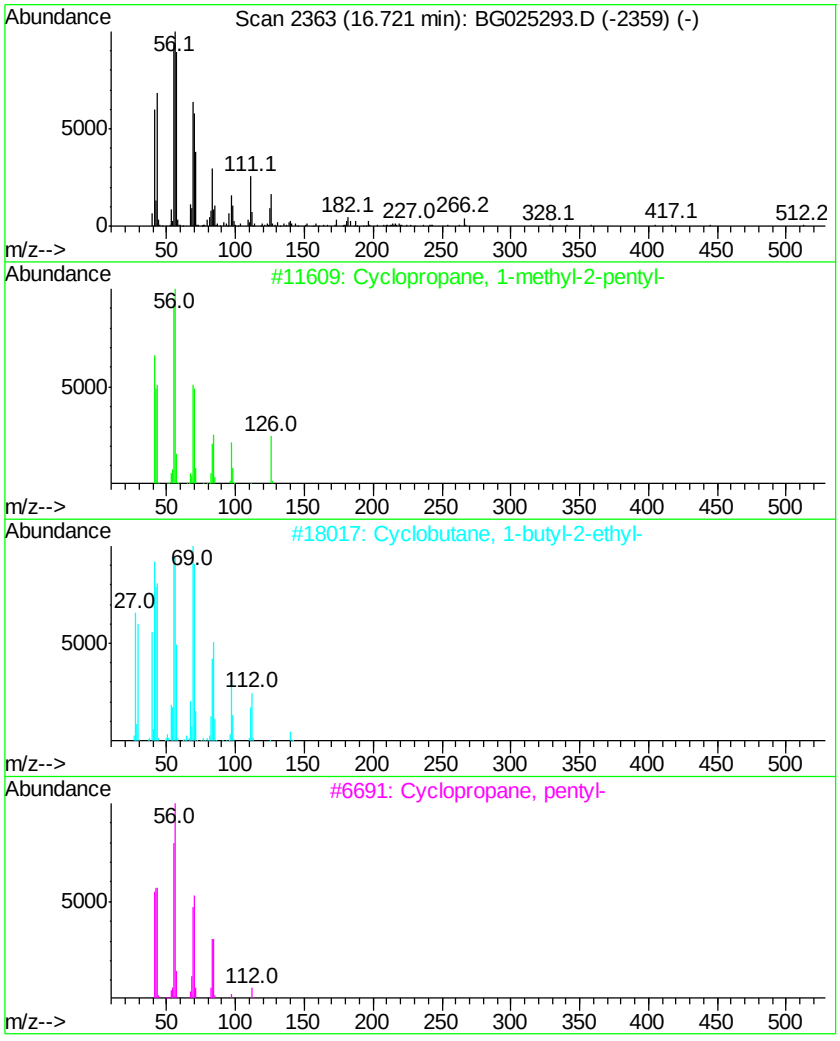
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

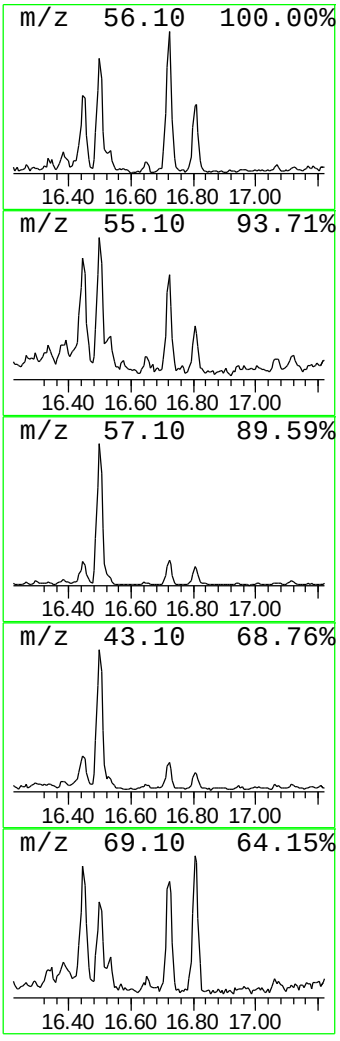
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Cyclic16.72 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	10.13 ng/ul	537880	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	53
2	Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1000150-67-3	46
3	Cyclopropane, pentyl-	112	C8H16	002511-91-3	46
4	Cycloheptane	98	C7H14	000291-64-5	46
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

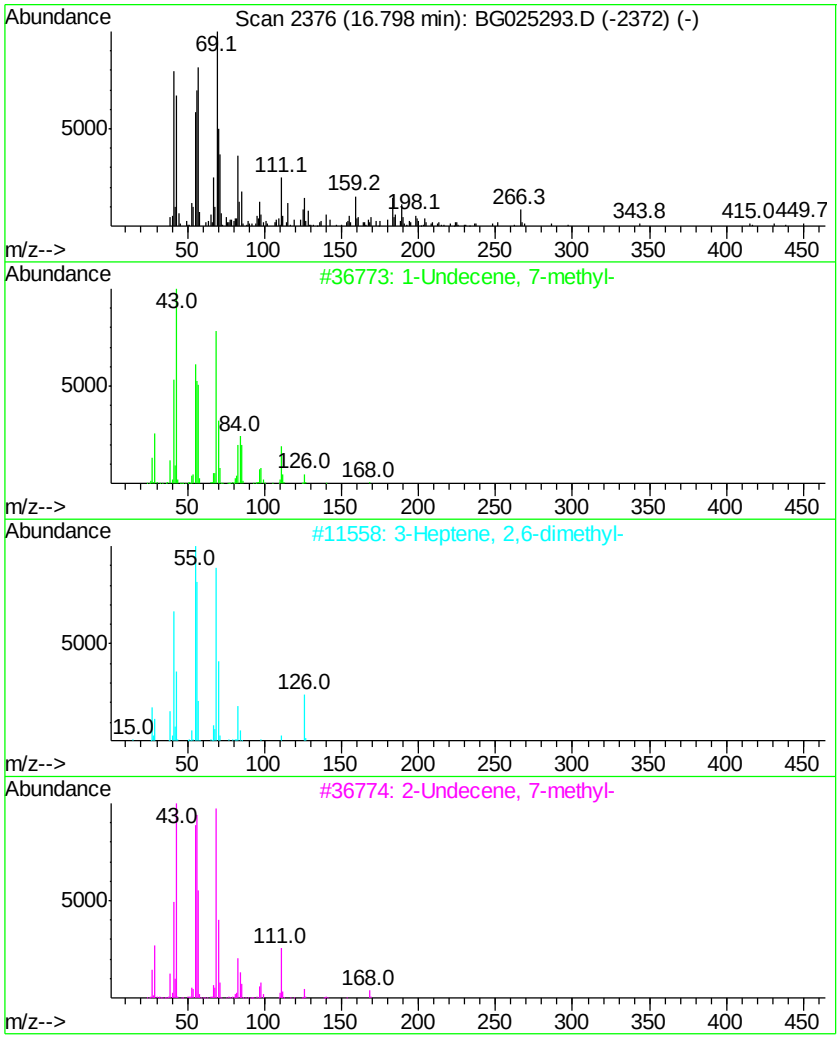
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

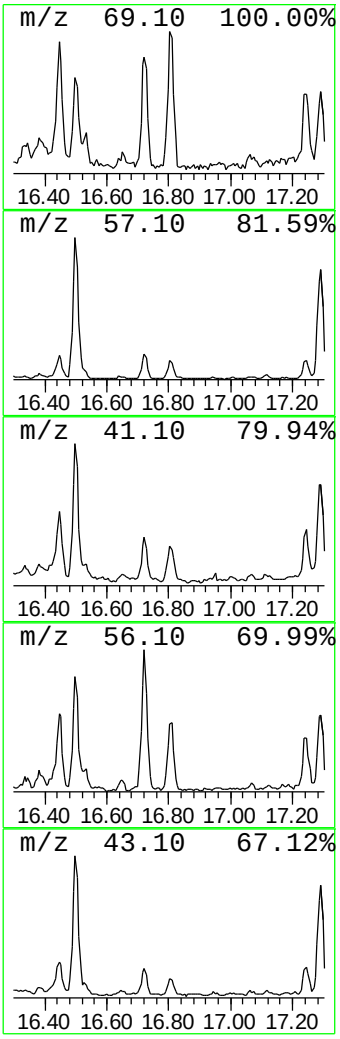
****

Peak Number 60 (DEL) Alkane: Cyclic16.80 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	8.87 ng/ul	470738	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	83
2	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	68
3	2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	59
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

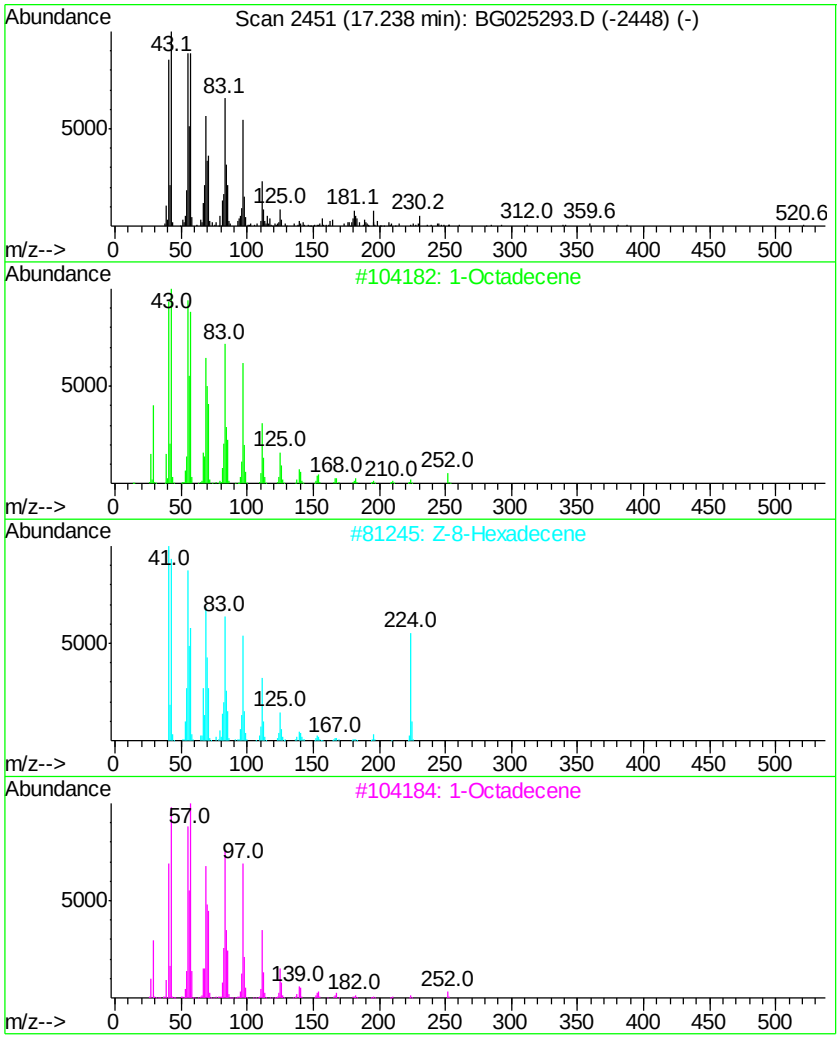
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

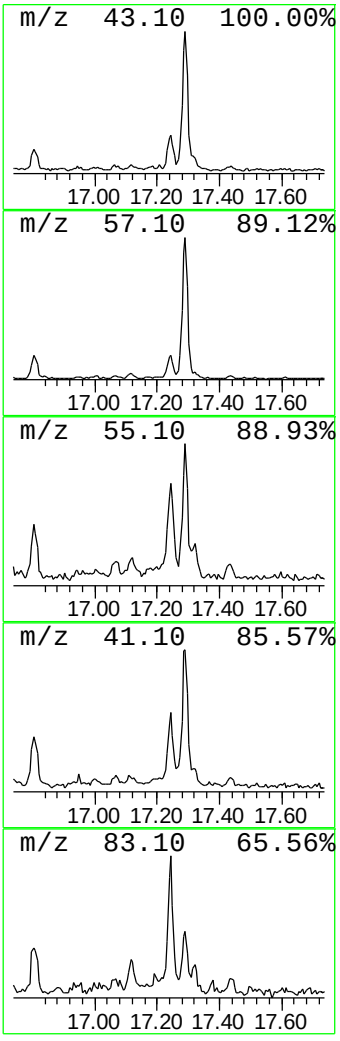
****

Peak Number 62 (DEL) Alkane: Cyclic17.24 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	8.18 ng/ul	434249	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	99
2	Z-8-Hexadecene	224	C16H32	1000130-87-5	96
3	1-Octadecene	252	C18H36	000112-88-9	96
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	94
5	E-7-Octadecene	252	C18H36	1000130-92-0	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

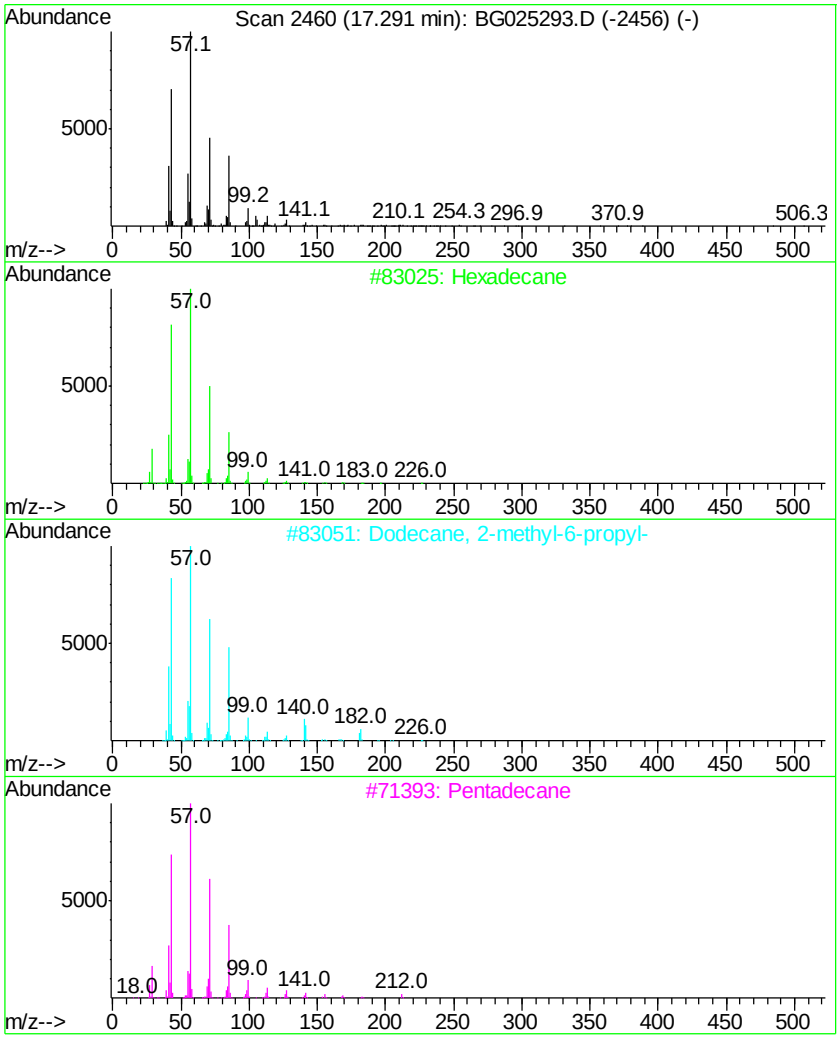
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

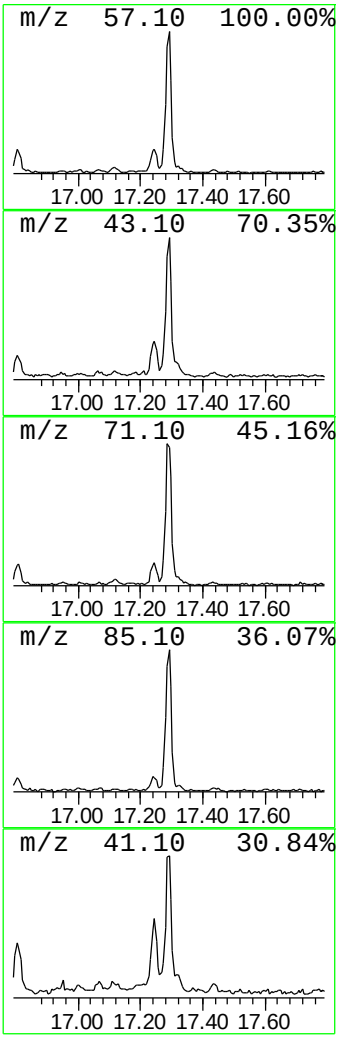
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	24.31 ng/ul	1290400	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Pentadecane	212	C15H32	000629-62-9	83
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	80
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

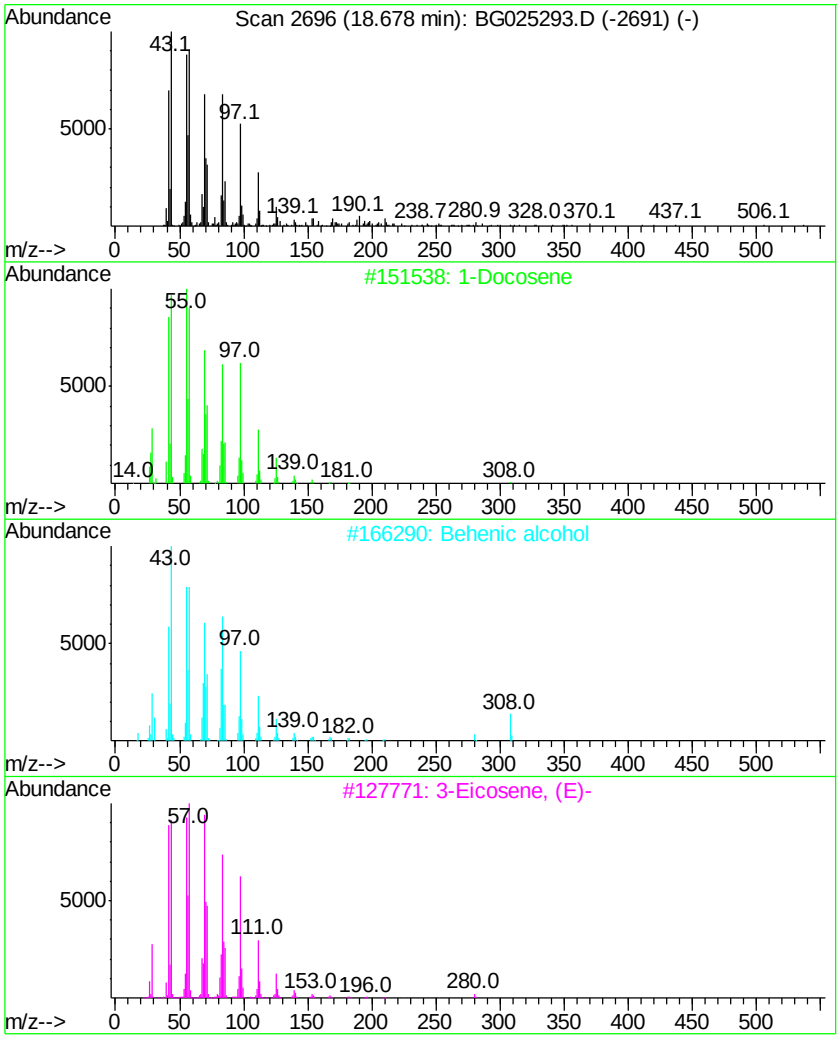
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

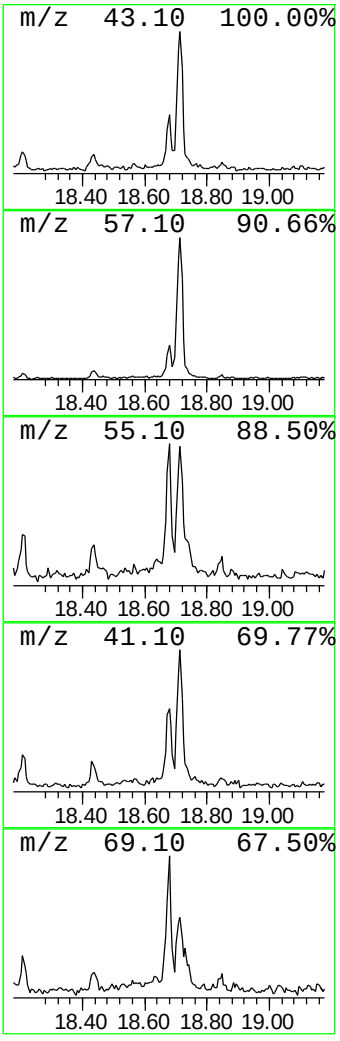
****

Peak Number 67 (DEL) Alkane: Cyclic18.68 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	6.85 ng/ul	363753	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	86
4	Cyclotetracosane	336	C24H48	000297-03-0	86
5	E-7-Octadecene	252	C18H36	1000130-92-0	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

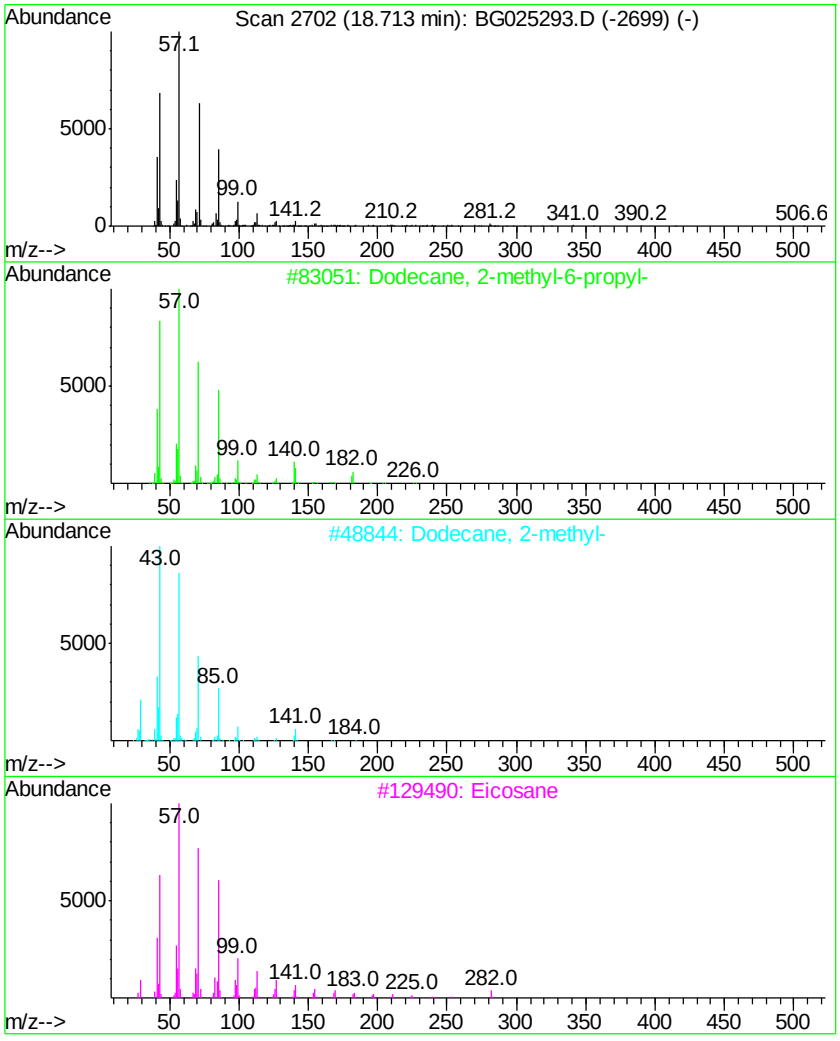
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

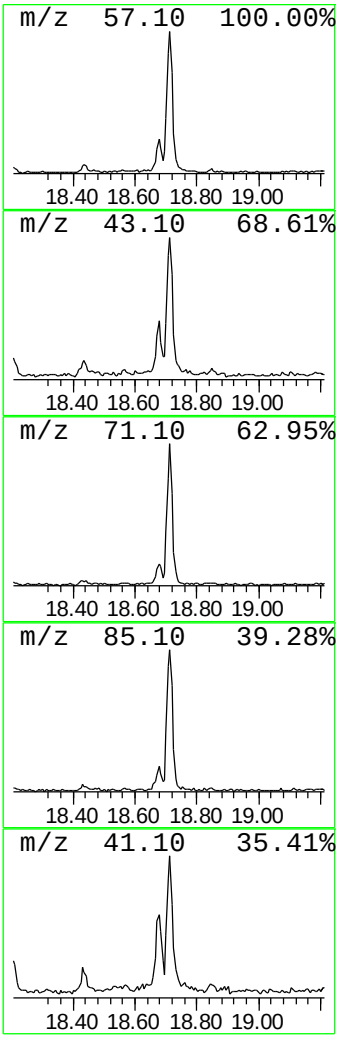
****

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	12.86 ng/ul	682482	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
3	Eicosane	282	C20H42	000112-95-8	76
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74
5	1-Iodoundecane	282	C11H23I	004282-44-4	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

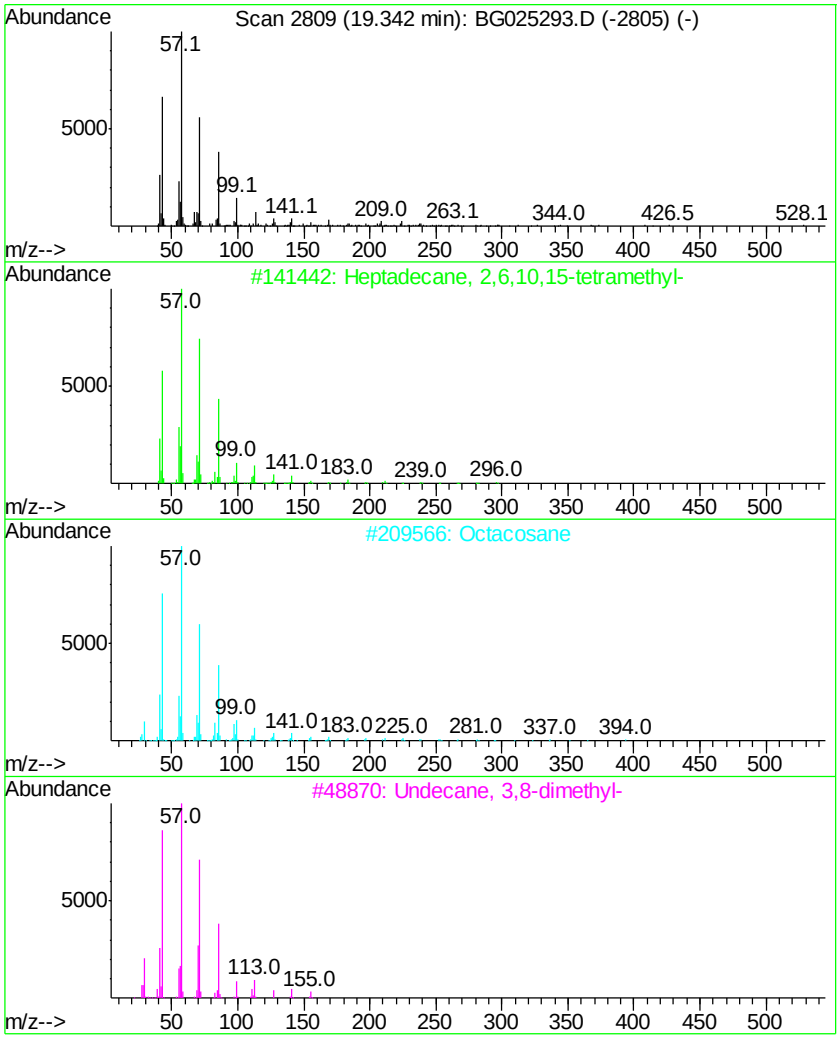
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

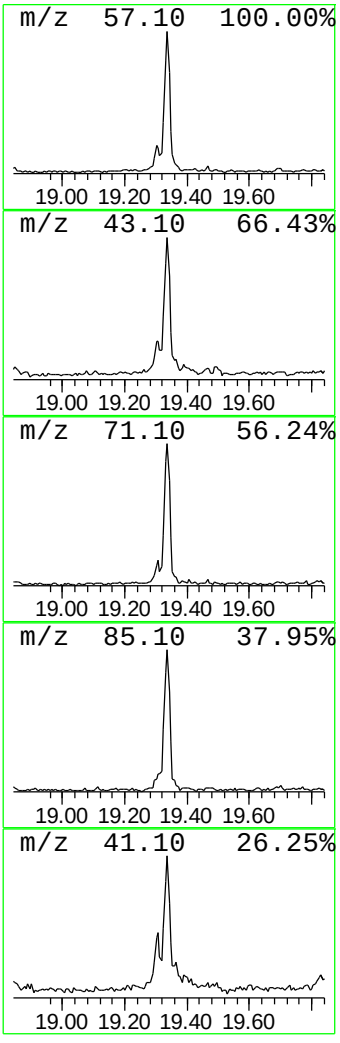
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	11.61 ng/ul	616598	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

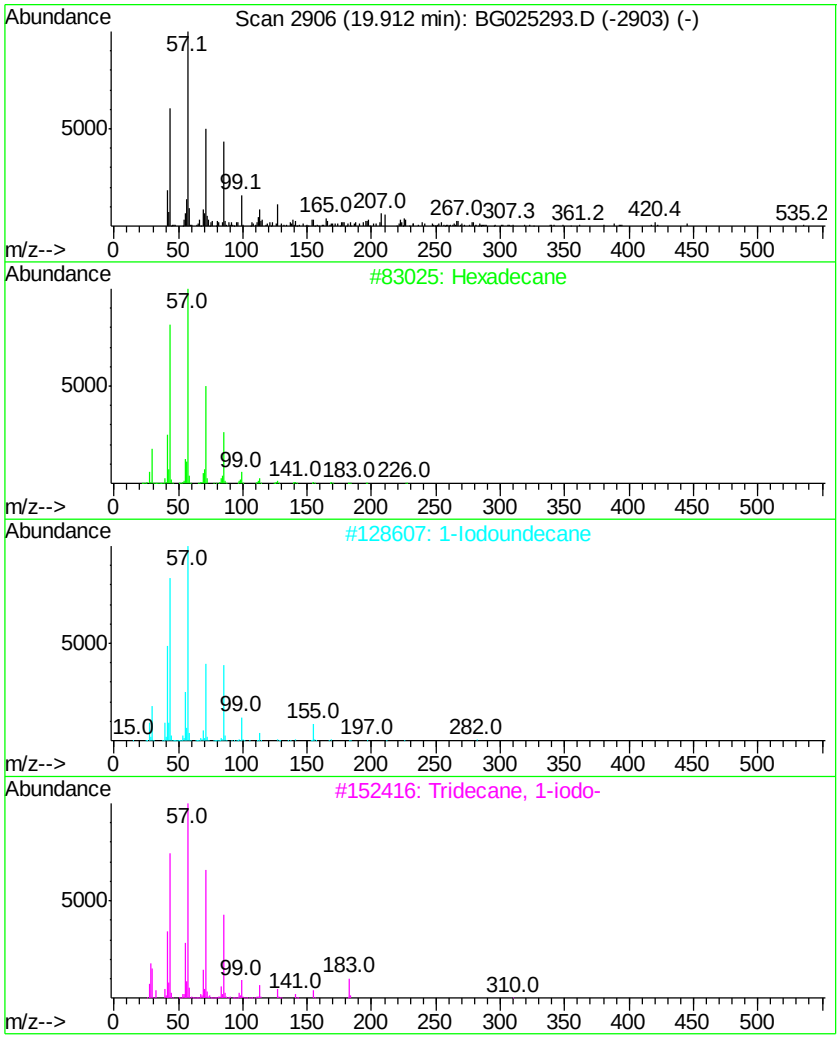
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

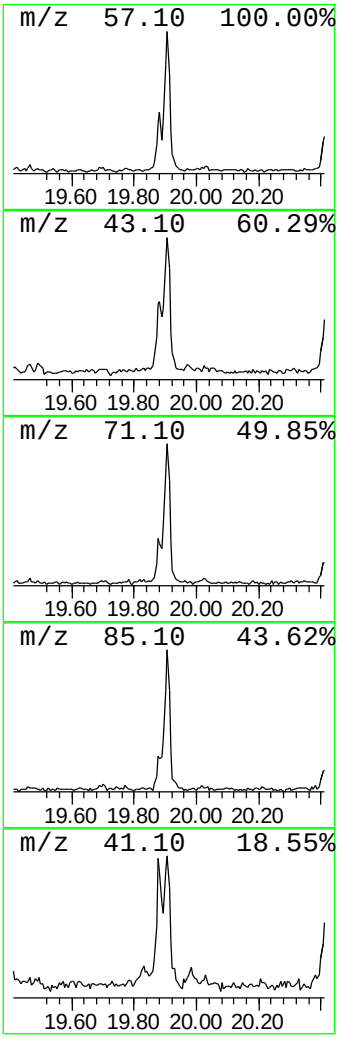
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	6.22 ng/ul	471144	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	1-Iodoundecane	282	C11H23I	004282-44-4	87
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

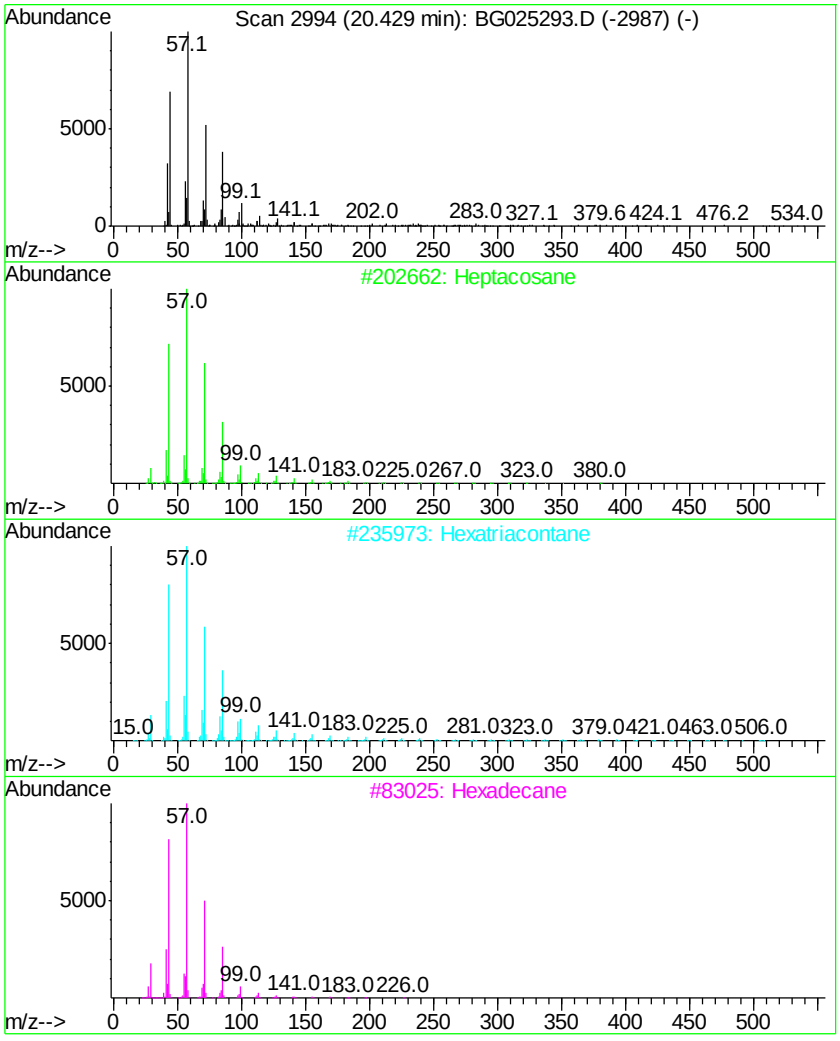
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

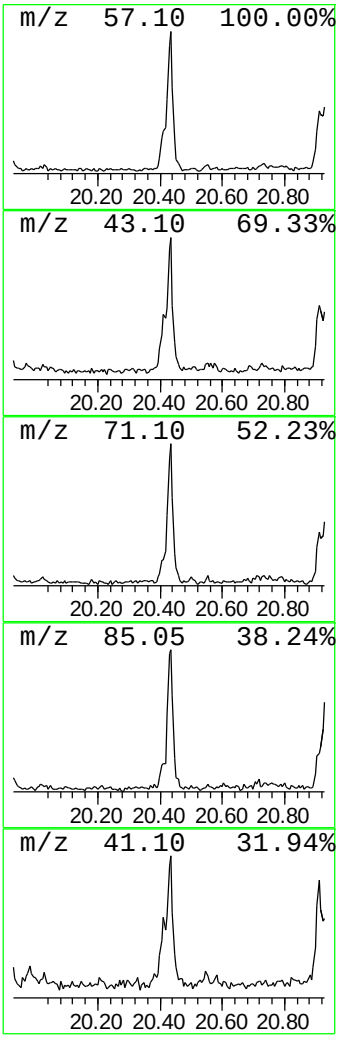
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	8.84 ng/ul	669408	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Hexatriacontane	507	C36H74	000630-06-8	96
3	Hexadecane	226	C16H34	000544-76-3	93
4	Indole, 3-[2',2'-bis(methoxycarb...	338	C17H26N2O5	1000195-88-7	91
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

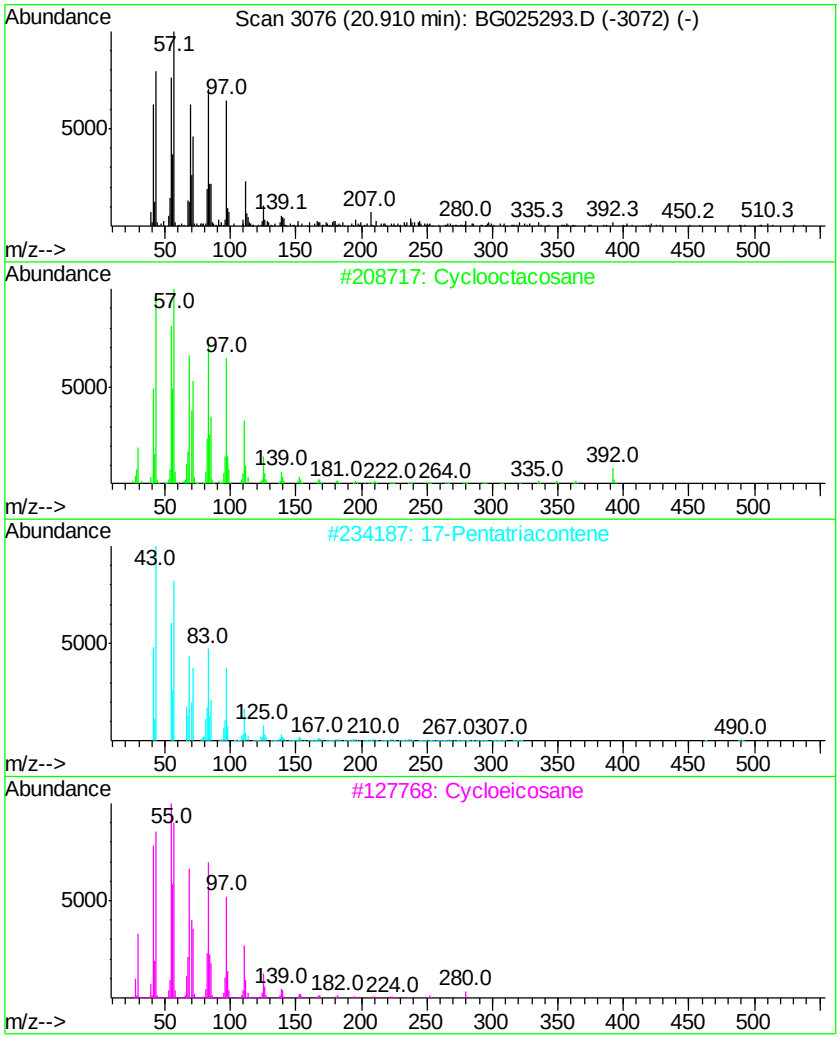
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

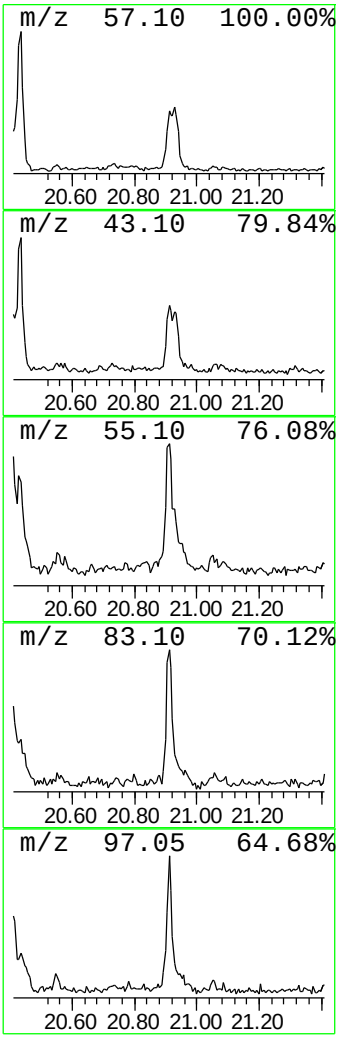
****

Peak Number 73 (DEL) Alkane: Cyclic20.91 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	8.88 ng/ul	672978	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	94
2	17-Pentatriacontene	491	C35H70	006971-40-0	93
3	Cycloeicosane	280	C20H40	000296-56-0	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	83
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025293.D
Acq On : 18 Dec 2016 3:22
Operator : UM/SJ
Sample : H5938-12DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA832DL

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.83	24.4	ng/ul	617974	1	8.23	506570	20.0
Benzene, 1-ethyl-...	7.29	13.0	ng/ul	329465	1	8.23	506570	20.0
Benzene, 1,2,3-tr...	7.86	22.5	ng/ul	569762	1	8.23	506570	20.0
Benzofuran	7.95	8.9	ng/ul	225291	1	8.23	506570	20.0
Indane	8.60	8.8	ng/ul	222842	1	8.23	506570	20.0
Benzene, 1-ethyny...	8.77	9.9	ng/ul	251775	1	8.23	506570	20.0
Bicyclo[3.2.1]oct...	8.86	17.8	ng/ul	451842	1	8.23	506570	20.0
(DEL) Alkane: Cyc...	9.29	9.3	ng/ul	234485	1	8.23	506570	20.0
Benzofuran, 2-met...	9.59	11.6	ng/ul	294244	1	8.23	506570	20.0
Benzofuran, 7-met...	9.71	24.9	ng/ul	599665	2	11.06	480978	20.0
Phenol, 3-ethyl-	10.49	69.7	ng/ul	1674960	2	11.06	480978	20.0
Phenol, 2-ethyl-5...	10.88	24.2	ng/ul	582814	2	11.06	480978	20.0
(DEL) Alkane: Str...	10.97	15.7	ng/ul	377140	2	11.06	480978	20.0
Phenol, 2,4,6-tri...	11.20	16.2	ng/ul	390645	2	11.06	480978	20.0
1-Naphthalenol, 5...	11.29	57.6	ng/ul	1386040	2	11.06	480978	20.0
2-Propenal, 2-met...	11.42	40.5	ng/ul	975030	2	11.06	480978	20.0
1H-Benzimidazole,...	11.53	18.2	ng/ul	438089	2	11.06	480978	20.0
Phenol, 4-ethyl-3...	11.59	17.0	ng/ul	408018	2	11.06	480978	20.0
Phenol, 3-propyl-	11.87	94.6	ng/ul	2275150	2	11.06	480978	20.0
1,3-Cyclopentadie...	12.07	26.8	ng/ul	645438	2	11.06	480978	20.0
Naphthalene, 1,2-...	12.13	14.0	ng/ul	337174	2	11.06	480978	20.0
(DEL) Alkane: Cyc...	12.31	9.3	ng/ul	224590	2	11.06	480978	20.0
(DEL) Alkane: Str...	12.41	22.5	ng/ul	541059	2	11.06	480978	20.0
unknown-01	12.59	30.6	ng/ul	735058	2	11.06	480978	20.0
Phenol, 2-(1-meth...	12.83	27.9	ng/ul	671710	2	11.06	480978	20.0
2,5,6-Trimethylbe...	13.00	16.7	ng/ul	714583	3	14.86	854693	20.0
unknown-02	13.05	16.6	ng/ul	710977	3	14.86	854693	20.0
unknown-03	13.09	15.9	ng/ul	681224	3	14.86	854693	20.0
unknown-04	13.27	11.5	ng/ul	493171	3	14.86	854693	20.0
unknown-05	13.34	8.6	ng/ul	368551	3	14.86	854693	20.0
(DEL) Alkane: Cyc...	13.54	16.8	ng/ul	719071	3	14.86	854693	20.0
(DEL) Alkane: Str...	13.63	18.4	ng/ul	788270	3	14.86	854693	20.0
1H-Inden-1-one, 2...	13.81	7.3	ng/ul	312062	3	14.86	854693	20.0
Naphthalene, 2-et...	13.89	13.1	ng/ul	560773	3	14.86	854693	20.0
Naphthalene, 2,7-...	14.01	14.9	ng/ul	638493	3	14.86	854693	20.0
Naphthalene, 1,3-...	14.18	17.3	ng/ul	738290	3	14.86	854693	20.0
(DEL) Alkane: Cyc...	14.62	10.3	ng/ul	439465	3	14.86	854693	20.0
(DEL) Alkane: Str...	14.69	24.0	ng/ul	1025640	3	14.86	854693	20.0
(DEL) Alkane: Str...	15.64	33.6	ng/ul	1436340	3	14.86	854693	20.0
(DEL) Alkane: Cyc...	16.45	13.7	ng/ul	729051	4	17.60	1061760	20.0
(DEL) Alkane: Str...	16.50	24.6	ng/ul	1305310	4	17.60	1061760	20.0
(DEL) Alkane: Cyc...	16.72	10.1	ng/ul	537880	4	17.60	1061760	20.0
(DEL) Alkane: Cyc...	16.80	8.9	ng/ul	470738	4	17.60	1061760	20.0
(DEL) Alkane: Cyc...	17.24	8.2	ng/ul	434249	4	17.60	1061760	20.0
(DEL) Alkane: Str...	17.29	24.3	ng/ul	1290400	4	17.60	1061760	20.0
(DEL) Alkane: Cyc...	18.68	6.8	ng/ul	363753	4	17.60	1061760	20.0
(DEL) Alkane: Str...	18.71	12.9	ng/ul	682482	4	17.60	1061760	20.0
(DEL) Alkane: Str...	19.34	11.6	ng/ul	616598	4	17.60	1061760	20.0
(DEL) Alkane: Str...	19.91	6.2	ng/ul	471144	5	21.90	1515050	20.0

(DEL) Alkane: Str...	20.43	8.8	ng/ul	669408	5	21.90	1515050	20.0
(DEL) Alkane: Cyc...	20.91	8.9	ng/ul	672978	5	21.90	1515050	20.0

Instrument :
BNA_G
ClientSampleId :
DA832DL