LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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	5.830	501	509	517	rBV2	42355	102457	6.04%	0.298%
2	7.863	849	855	863	rVB	73245	144910	8.54%	0.422%
3	8.233	911	918	927	rBV	285106	512250	30.19%	1.492%
4	8.339	927	936	943	rBV5	41661	87390	5.15%	0.255%
5	8.862	1017	1025	1031	rBV4	43670	93329	5.50%	0.272%
6	9.027	1046	1053	1064	rVB5	40796	88860	5.24%	0.259%
7	9.420	1114	1120	1127	rVB2	81929	142804	8.42%	0.416%
8	9.591	1140	1149	1156	rVV8	33508	86694	5.11%	0.253%
9	9.708	1164	1169	1176	rVV3	62746	154306	9.09%	0.449%
10	9.779	1176	1181	1190	rVB2	150251	284627	16.78%	0.829%
11	10.155	1238	1245	1251	rVB6	35702	86439	5.09%	0.252%
12	10.219	1251	1256	1264	rBV8	40201	116472	6.86%	0.339%
13	10.460	1287	1297	1307	rBV8	79678	354893	20.92%	1.034%
14	10.689	1330	1336	1341	rBV8	45791	94057	5.54%	0.274%
15	10.877	1359	1368	1374	rBV10	43639	135076	7.96%	0.393%
16	10.971	1379	1384	1388	rBV2	56391	85748	5.05%	0.250%
17	11.060	1389	1399	1404	rVV	347079	681176	40.15%	1.984%
18	11.112	1404	1408	1417	rVB	192661	337705	19.90%	0.984%
19	11.201	1417	1423	1425	rBV5	48586	83465	4.92%	0.243%
20	11.230	1426	1428	1433	rVV5	61707	121032	7.13%	0.353%
21	11.289	1433	1438	1453	rVB5	181255	633063	37.31%	1.844%
22	11.418	1453	1460	1463	rBV2	270585	497838	29.34%	1.450%
23	11.459	1463	1467	1474	rVV	501184	930619	54.85%	2.711%
24	11.524	1474	1478	1484	rVB	164084	275595	16.24%	0.803%
25	11.641	1493	1498	1505	rBV8	38495	78921	4.65%	0.230%
26	11.812	1521	1527	1532	rBV3	66822	132758	7.82%	0.387%
27	11.870	1532	1537	1546	rBV2	202175	383068	22.58%	1.116%
28	12.088	1563	1574	1576	rBV9	66473	179472	10.58%	0.523%
29	12.141	1578	1583	1587	rVB3	51833	102730	6.05%	0.299%
30	12.188	1587	1591	1595	rBV3	70997	108968	6.42%	0.317%
31	12.252	1599	1602	1608	rVB	135035	223730	13.19%	0.652%
32	12.358	1614	1620	1624	rVB6	62329	125215	7.38%	0.365%
33	12.405	1625	1628	1641	rVB5	93905	258873	15.26%	0.754%
34	12.505	1641	1645	1650	rBV3	56709	115726	6.82%	0.337%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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	12.593	1651	1660	1668	rVB6	136518	451642	26.62%	1.316%
36	12.699	1671	1678	1682	rBV	735333	1249660	73.65%	3.640%
37	12.734	1682	1684	1688	rVB2	221027	284813	16.79%	0.830%
38	12.822	1695	1699	1702	rBV2	172155	293430	17.29%	0.855%
39	12.916	1710	1715	1721	rVB	435854	786843	46.38%	2.292%
40	13.004	1722	1730	1734	rVV2	254454	487964	28.76%	1.421%
41	13.045	1734	1737	1741	rVV3	123808	226675	13.36%	0.660%
42	13.087	1741	1744	1757	rVB6	158523	350385	20.65%	1.021%
43	13.210	1758	1765	1769	rBV8	113998	216070	12.73%	0.629%
44	13.263	1769	1774	1779	rBV5	143084	249590	14.71%	0.727%
45	13.339	1783	1787	1791	rVB3	109919	134040	7.90%	0.390%
46	13.392	1793	1796	1801	rVB4	90127	124041	7.31%	0.361%
47	13.451	1801	1806	1814	rVB7	69302	172497	10.17%	0.502%
48	13.545	1815	1822	1825	rBV3	156189	353342	20.83%	1.029%
49	13.633	1832	1837	1842	rVV5	182177	324682	19.14%	0.946%
50	13.686	1842	1846	1850	rVB	107182	153995	9.08%	0.449%
51	13.803	1859	1866	1869	rBV4	117810	274152	16.16%	0.799%
52	13.886	1875	1880	1888	rBV4	171646	399867	23.57%	1.165%
53	14.033	1895	1905	1912	rBV3	276032	781829	46.08%	2.277%
54	14.174	1919	1929	1933	rBV2	334585	664096	39.14%	1.935%
55	14.226	1933	1938	1945	rVB3	388404	694322	40.92%	2.023%
56	14.414	1965	1970	1979	rBV2	125239	239530	14.12%	0.698%
57	14.491	1979	1983	1986	rVB2	123086	162901	9.60%	0.475%
58	14.567	1986	1996	2001	rBV7	166170	498598	29.39%	1.452%
59	14.620	2001	2005	2010	rVB3	198672	290589	17.13%	0.846%
60	14.696	2012	2018	2022	rVB	329461	458303	27.01%	1.335%
61	14.808	2032	2037	2041	rBV2	261840	438670	25.85%	1.278%
62	14.855	2041	2045	2055	rVB	614621	1178823	69.48%	3.434%
63	15.072	2079	2082	2089	rVB5	141585	199633	11.77%	0.582%
64	15.143	2090	2094	2099	rBV4	97716	150241	8.85%	0.438%
65	15.237	2106	2110	2119	rVB4	122801	268513	15.83%	0.782%
66	15.319	2120	2124	2127	rBV3	67184	96396	5.68%	0.281%
67	15.454	2142	2147	2152	rBV6	99561	182992	10.79%	0.533%
68	15.513	2152	2157	2164	rBV5	176581	314193	18.52%	0.915%
69	15.578	2164	2168	2171	rBV3	246047	347864	20.50%	1.013%
70	15.607	2171	2173	2175	rVV	228867	267825	15.79%	0.780%
71	15.637	2175	2178	2183	rVB	478504	588004	34.66%	1.713%

LSC Area Percent Report

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Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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	15.801	2201	2206	2209	rBV7	71448	98479	5.80%	0.287%
73	15.848	2210	2214	2216	rVV	78544	125799	7.41%	0.366%
74	15.883	2216	2220	2231	rVB3	221080	519353	30.61%	1.513%
75	16.441	2309	2315	2320	rVB3	281307	462040	27.23%	1.346%
76	16.500	2320	2325	2329	rBV	607905	792757	46.72%	2.309%
77	16.723	2358	2363	2372	rVB4	239648	374293	22.06%	1.090%
78	16.806	2372	2377	2383	rVB3	220190	311458	18.36%	0.907%
79	16.882	2385	2390	2396	rBV6	57854	133608	7.87%	0.389%
80	17.117	2427	2430	2439	rVB6	51712	96524	5.69%	0.281%
81	17.241	2447	2451	2455	rBV2	194755	270002	15.91%	0.787%
82	17.288	2455	2459	2470	rVB	546639	806954	47.56%	2.351%
83	17.434	2480	2484	2489	rVB3	76403	104520	6.16%	0.304%
84	17.599	2506	2512	2523	rVB2	784037	1274326	75.11%	3.712%
85	17.693	2524	2528	2535	rVB3	62696	122066	7.19%	0.356%
86	17.769	2537	2541	2547	rVB8	43780	88830	5.24%	0.259%
87	17.987	2573	2578	2581	rBV	144991	188495	11.11%	0.549%
88	18.028	2581	2585	2598	rVB	426280	662363	39.04%	1.929%
89	18.210	2611	2616	2626	rBV2	116477	182227	10.74%	0.531%
90	18.674	2691	2695	2698	rBV	169025	205661	12.12%	0.599%
91	18.709	2698	2701	2715	rVB	307493	468405	27.61%	1.364%
92	19.303	2798	2802	2804	rBV2	92281	110201	6.50%	0.321%
93	19.332	2804	2807	2816	rVB	219247	319072	18.81%	0.929%
94	19.879	2897	2900	2902	rBV2	138535	159216	9.38%	0.464%
95	19.908	2902	2905	2912	rVV	187084	221816	13.07%	0.646%
96	19.978	2912	2917	2929	rVB2	108512	222744	13.13%	0.649%
97	20.431	2988	2994	3002	rVB2	155038	283565	16.71%	0.826%
98	20.907	3072	3075	3085	rBV4	100419	209625	12.35%	0.611%
99	21.894	3236	3243	3254	rVB	957830	1696683	100.00%	4.942%
100	25.319	3816	3826	3840	rVB2	502748	1620539	95.51%	4.721%

Sum of corrected areas: 34328897

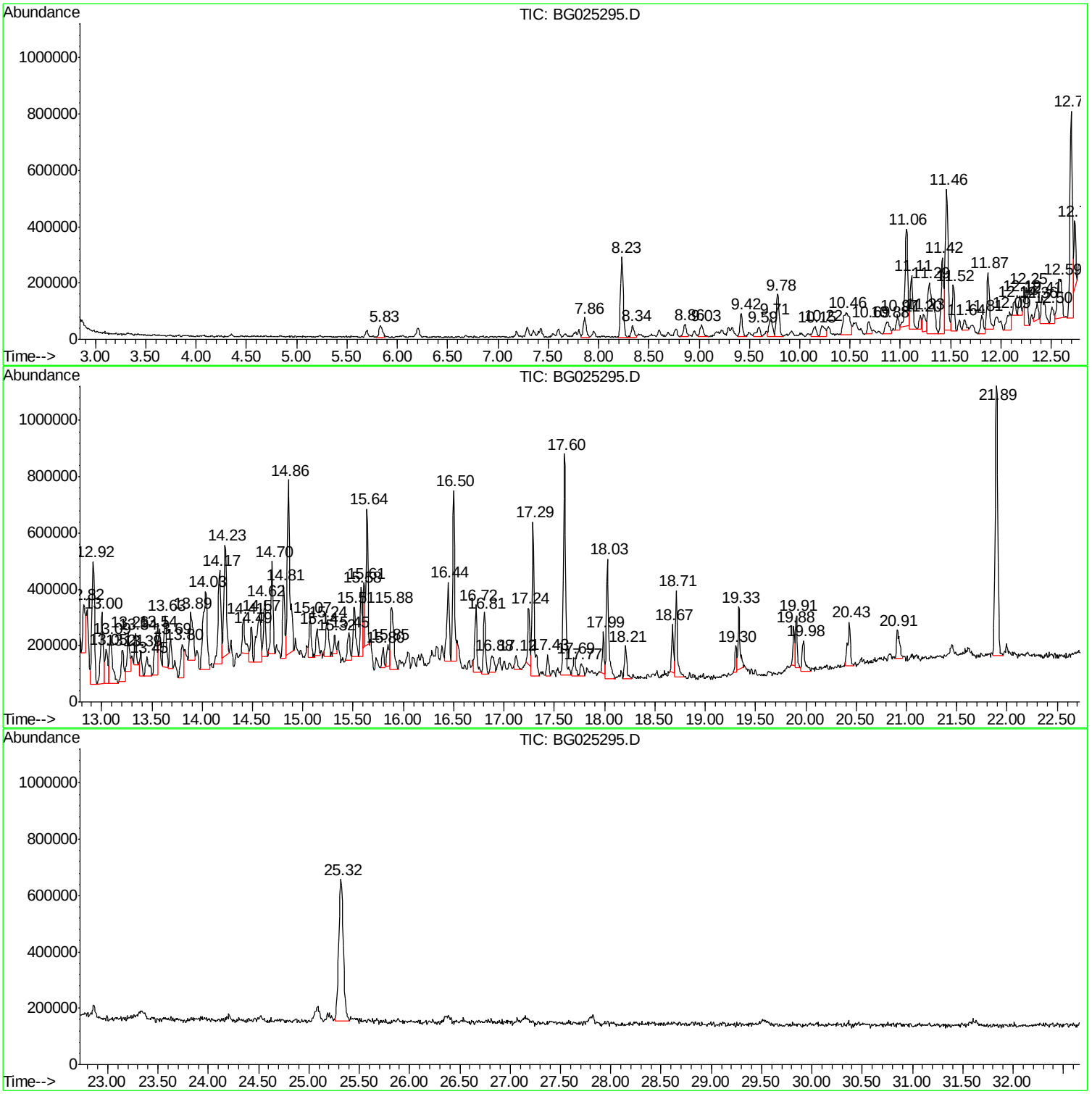
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

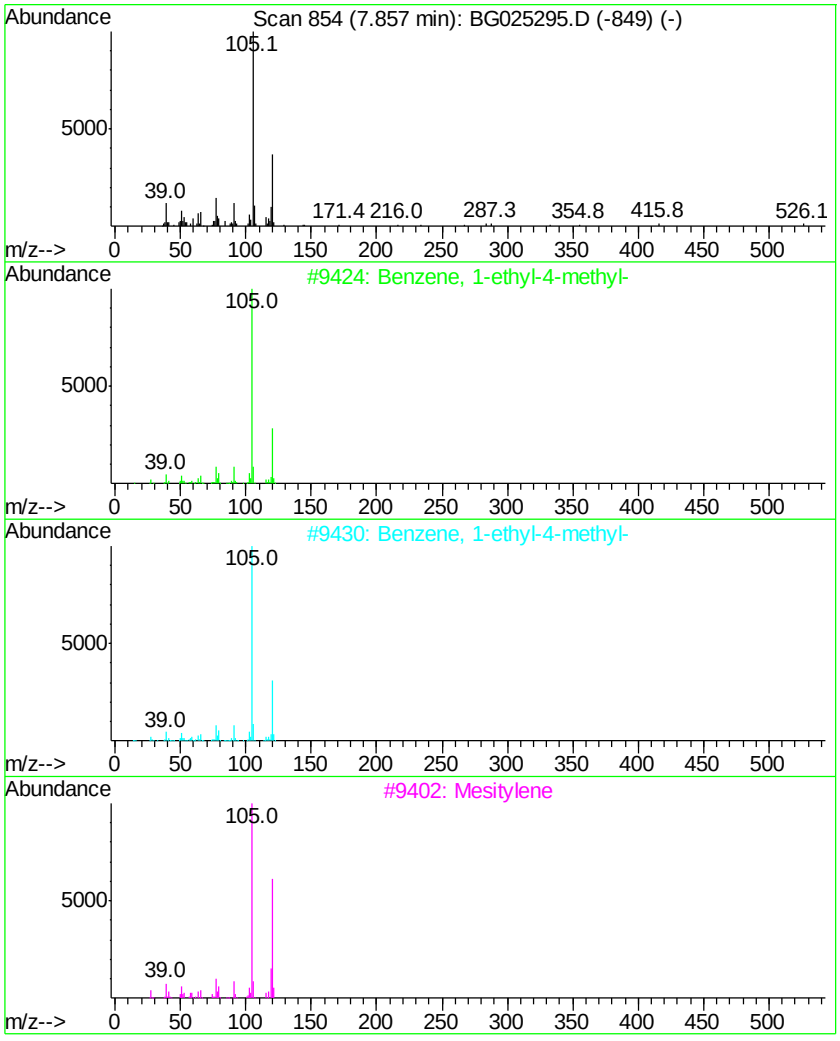
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

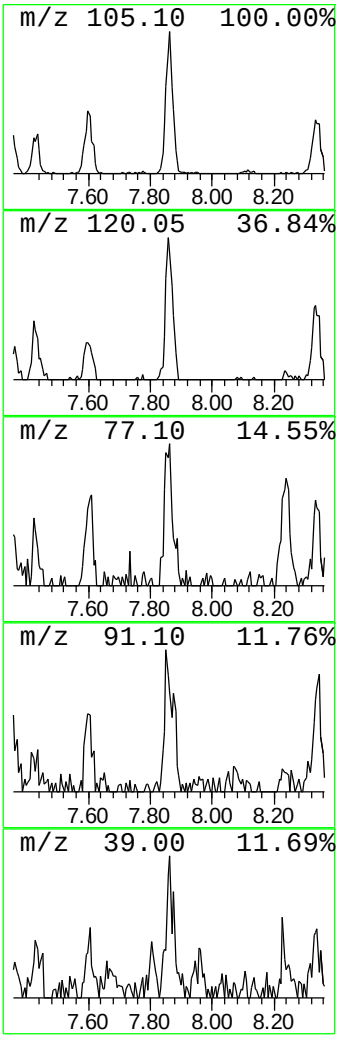
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	5.66 ng/ul	144910	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	68
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	62
3	Mesitylene	120	C9H12	000108-67-8	59
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	58
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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

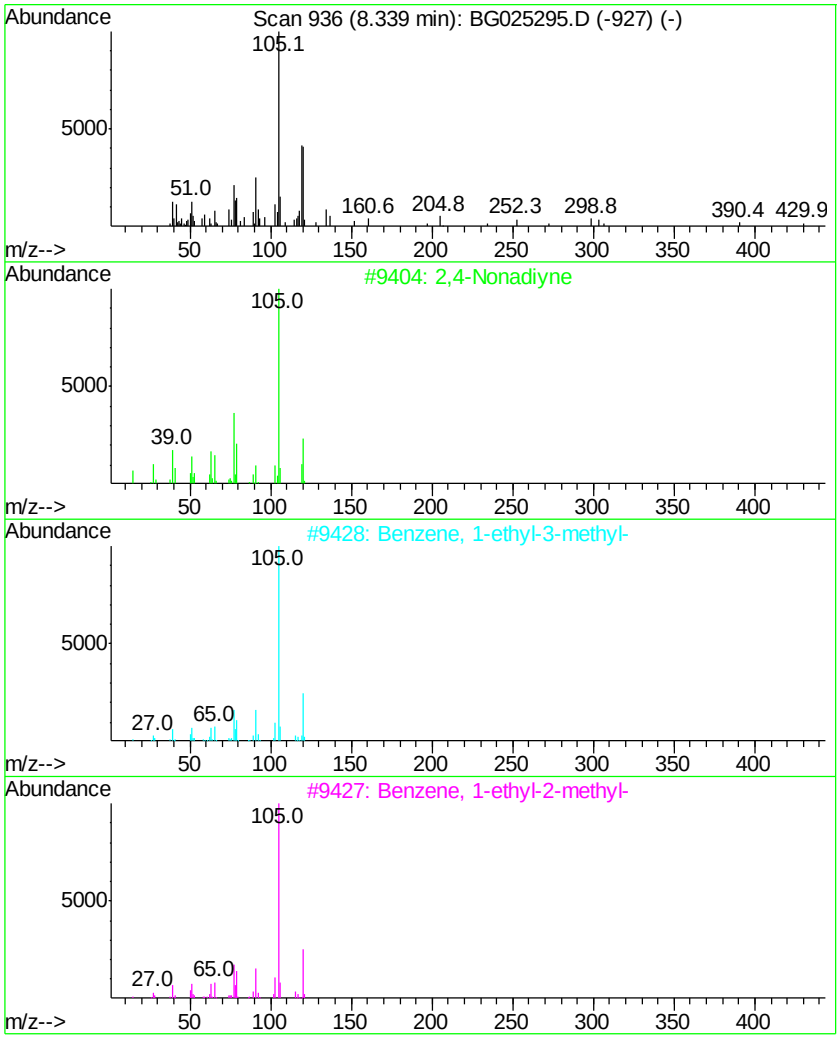
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

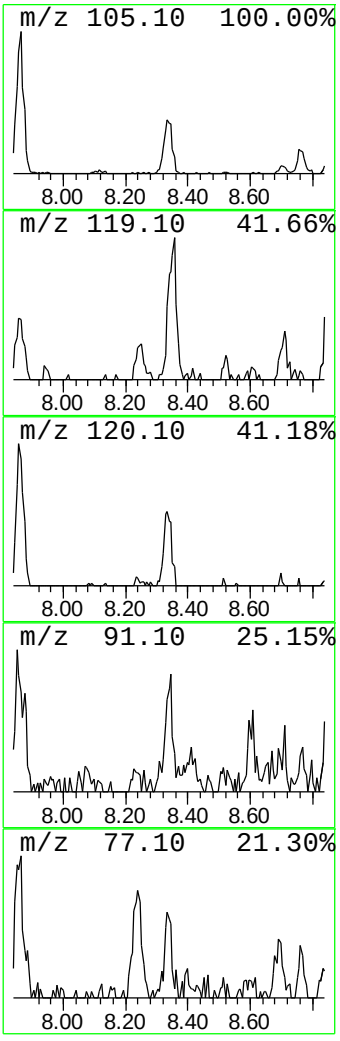
****

Peak Number 3 2,4-Nonadiyne Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	3.41 ng/ul	87390	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Nonadiyne	120	C9H12	063621-15-8	62
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	58
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	58
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	52
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
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Misc :
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Instrument : BNA_G
ClientSampleId : DA847DL

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

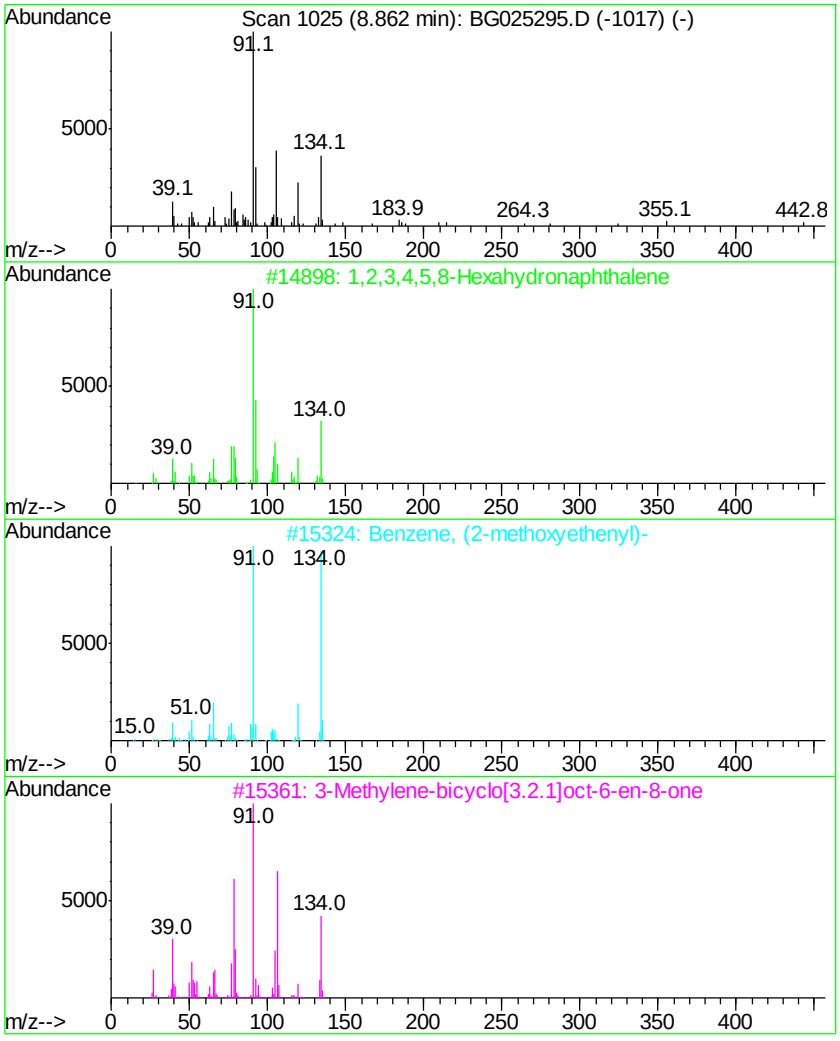
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

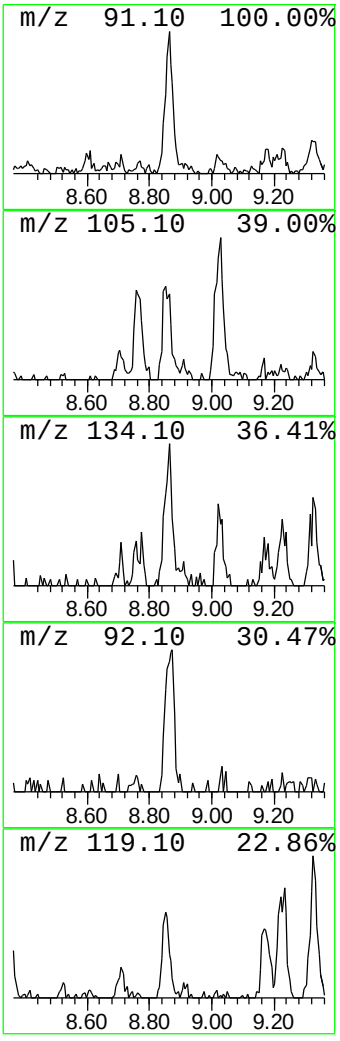
****

Peak Number 4 1,2,3,4,5,8-Hexahydronaphth... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	3.64 ng/ul	93329	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,5,8-Hexahydronaphthalene	134	C10H14	036231-13-7	64
2	Benzene, (2-methoxyethenyl)-	134	C9H10O	004747-15-3	47
3	3-Methylene-bicyclo[3.2.1]oct-6-...	134	C9H10O	1000185-51-1	43
4	Benzene, (2-methoxyethenyl)-, (Z)-	134	C9H10O	014371-19-8	38
5	Benzene, (2-methoxyethenyl)-	134	C9H10O	004747-15-3	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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

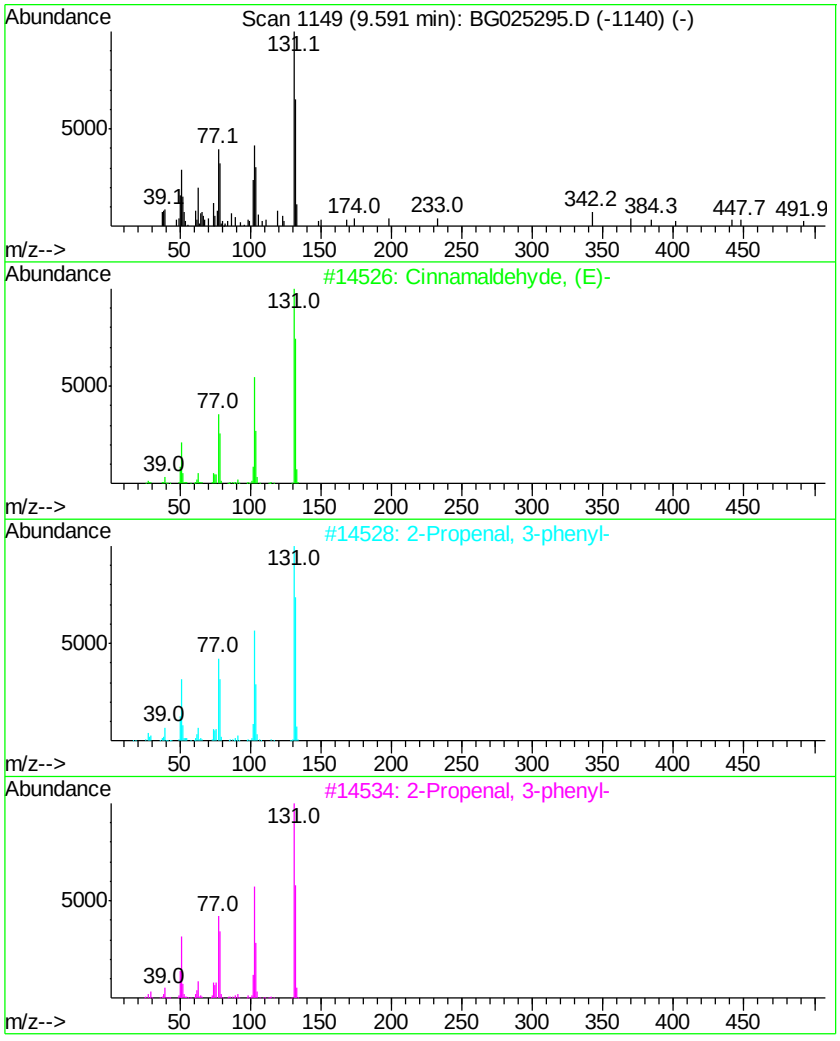
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

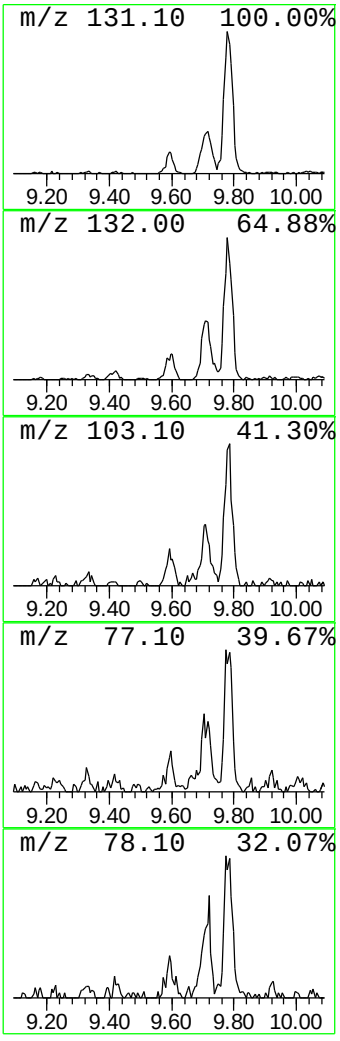
****

Peak Number 5 Cinnamaldehyde, (E)- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	3.38 ng/ul	86694	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

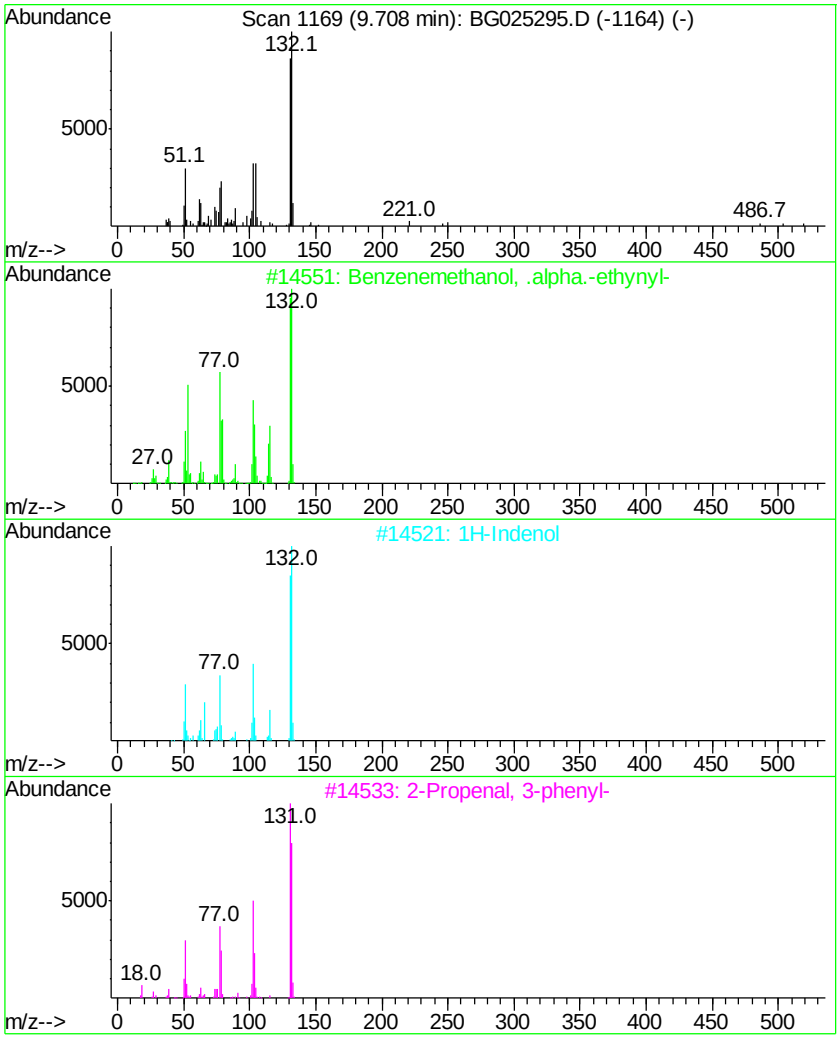
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

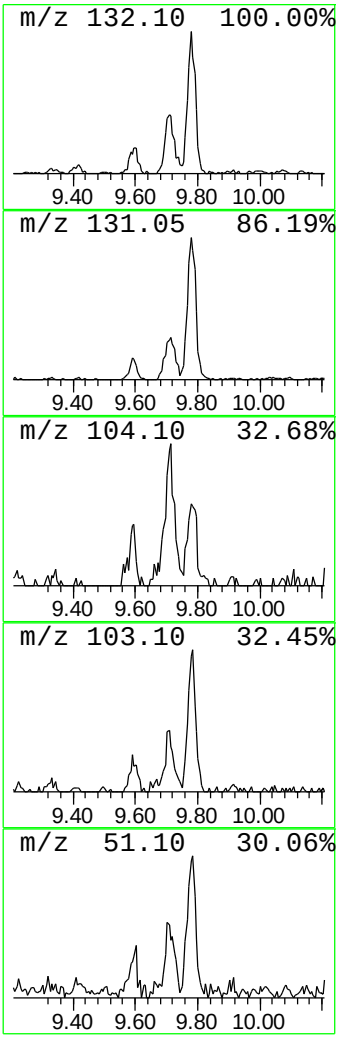
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzenemethanol, .alpha.-et... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	4.53 ng/ul	154306	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	81
2	1H-Indenol	132	C9H8O	056631-57-3	64
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	62
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	62
5	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	62





Library Search Compound Report

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Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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Quant Title : SVOA CALIBRATION

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

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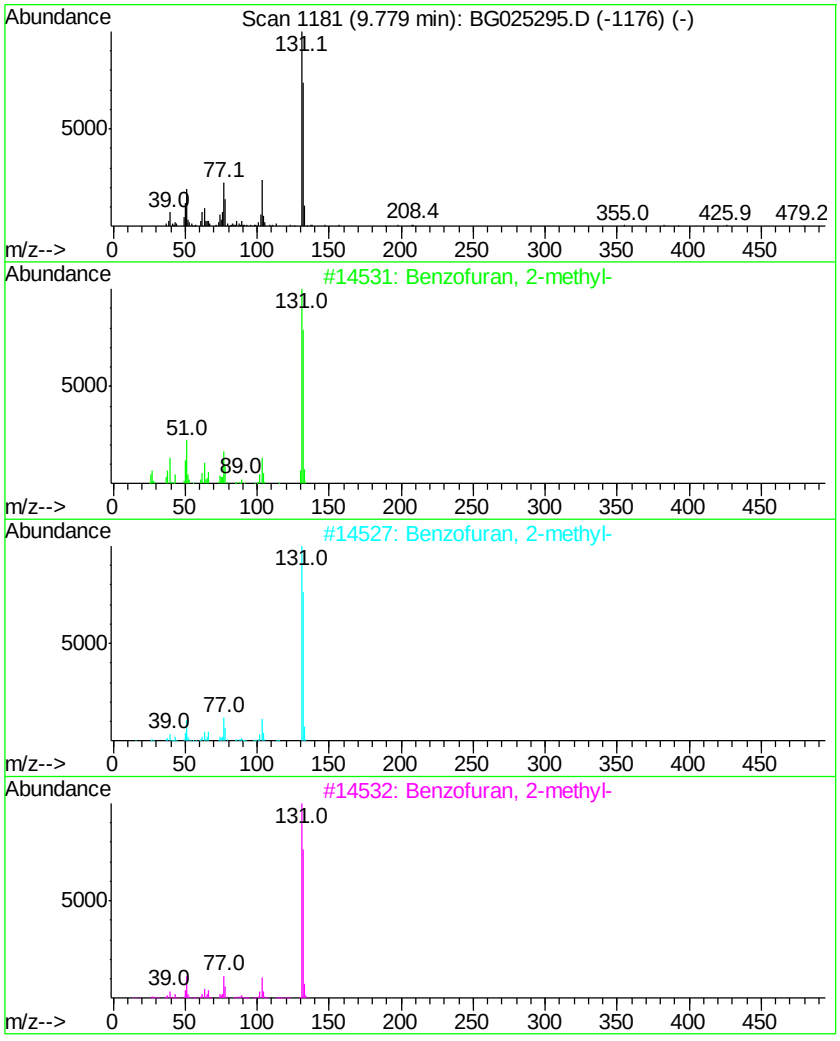
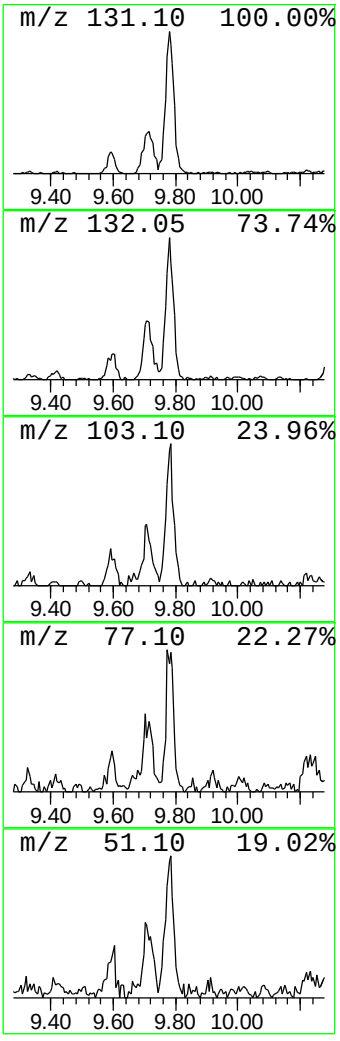
Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	8.36 ng/ul	284627	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





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Instrument : BNA_G
ClientSampleId : DA847DL

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Quant Title : SVOA CALIBRATION

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

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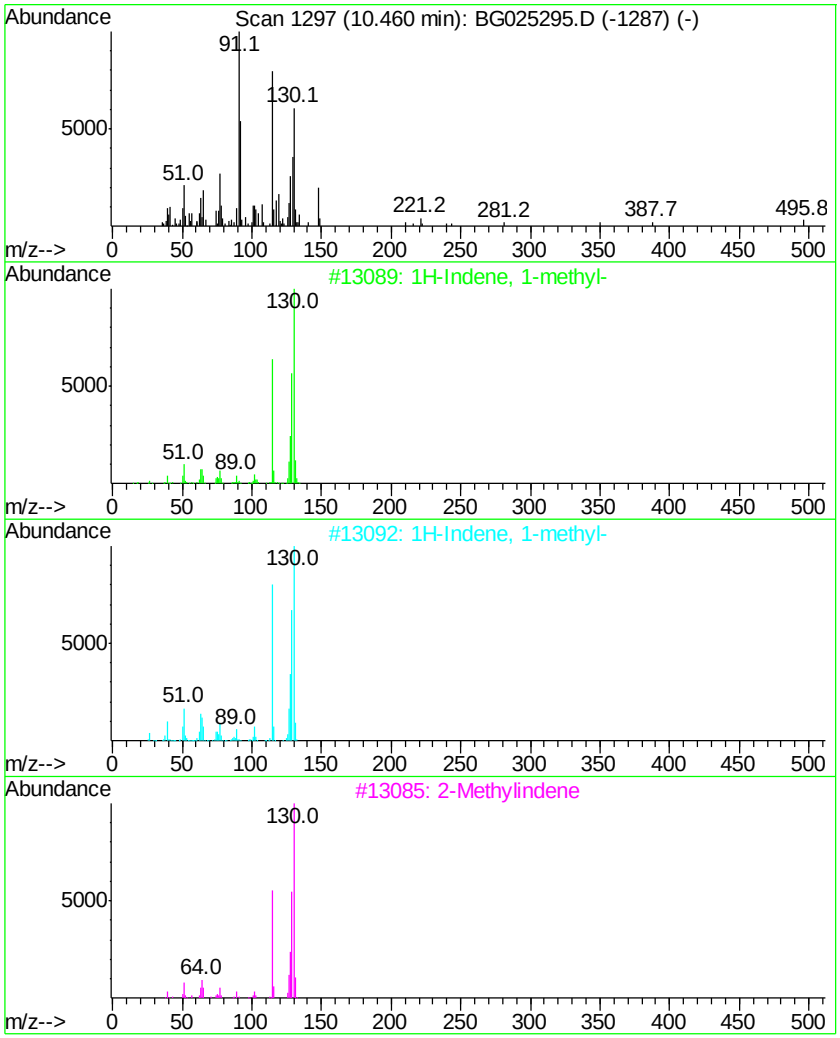
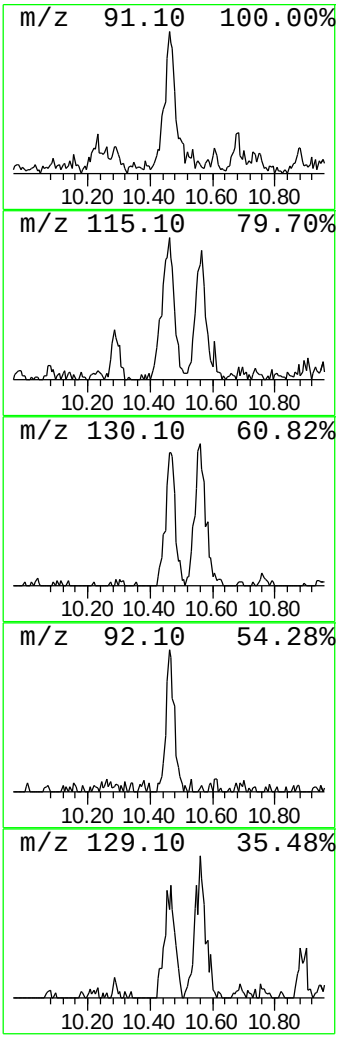
Peak Number 8 1H-Indene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	10.42 ng/ul	354893	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	60
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	60
3	2-Methylindene	130	C10H10	002177-47-1	60
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	60
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	60





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Instrument : BNA_G
ClientSampleId : DA847DL

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Quant Title : SVOA CALIBRATION

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

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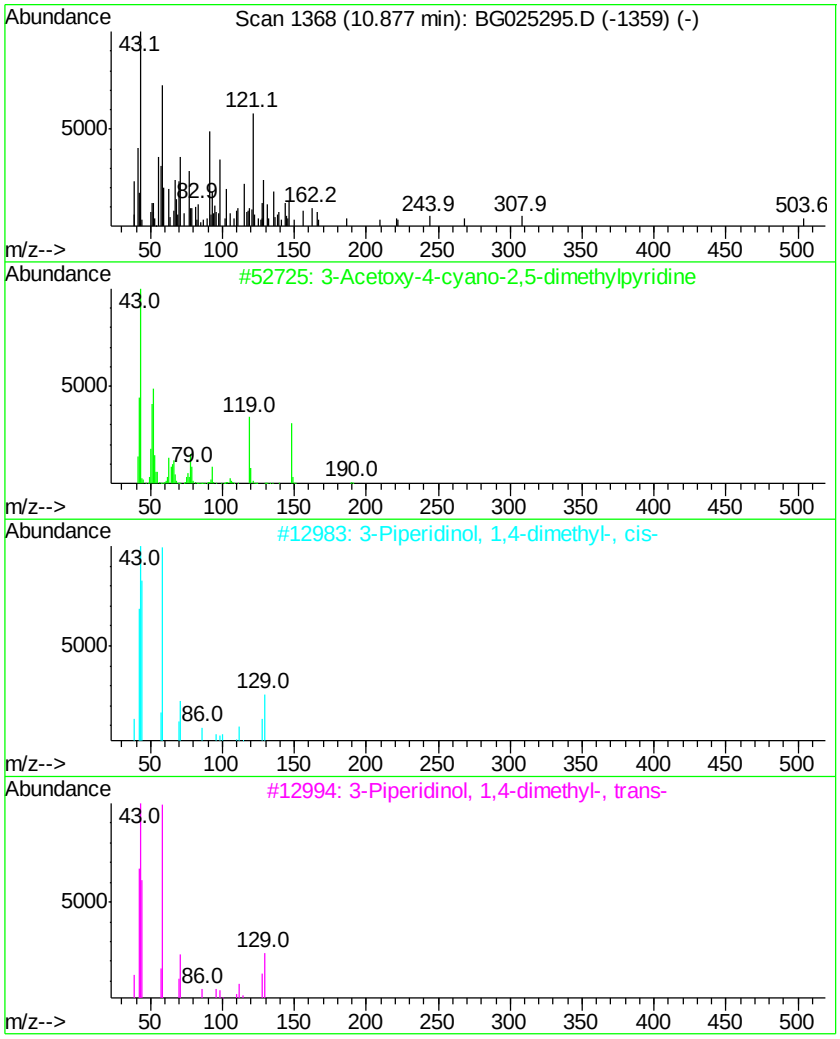
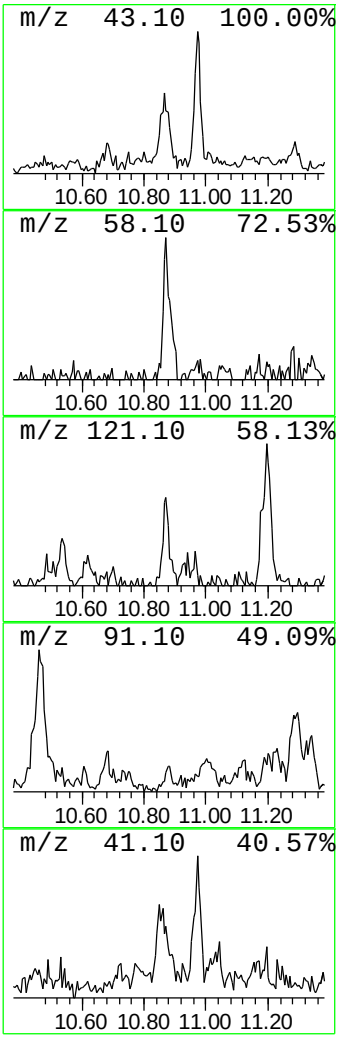
Peak Number 9 unknown-01 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	3.97 ng/ul	135076	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acetoxy-4-cyano-2,5-dimethylpy...	190	C10H10N2O2	062312-44-1	22
2	3-Piperidinol, 1,4-dimethyl-, cis-	129	C7H15NO	037835-50-0	14
3	3-Piperidinol, 1,4-dimethyl-, tr...	129	C7H15NO	037835-47-5	14
4	Tridecanoic acid, 12-oxo-	228	C13H24O3	002345-12-2	12
5	6-Methyl-4-propan-2-on-3-propyl-...	265	C11H15N5O3	1000312-00-4	12





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Sample : H5970-08DL 10X
Misc :
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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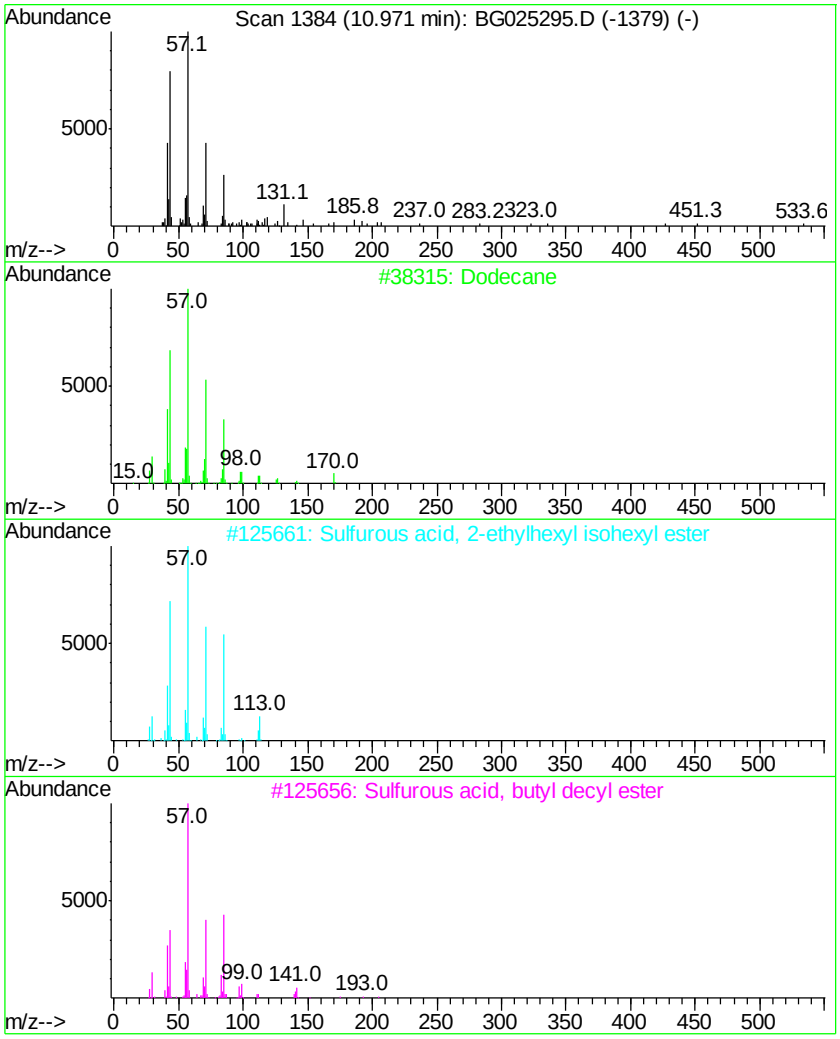
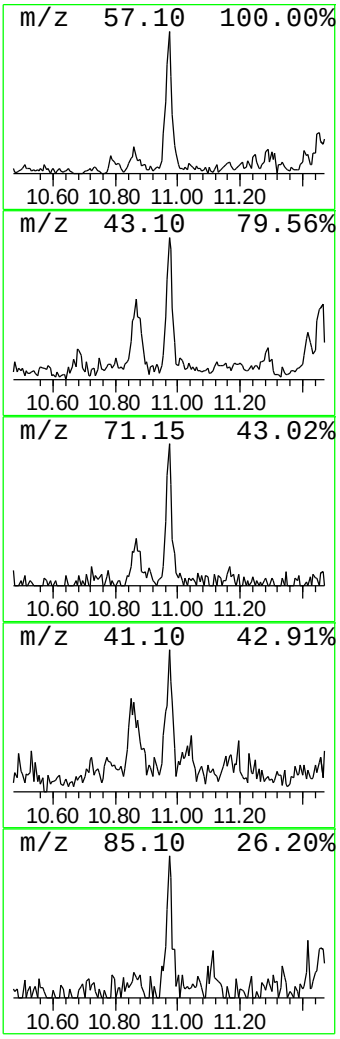
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	2.52 ng/ul	85748	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	64
2	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	59
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
5	2,6-Dimethyldecane	170	C12H26	013150-81-7	58





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ClientSampleId : DA847DL

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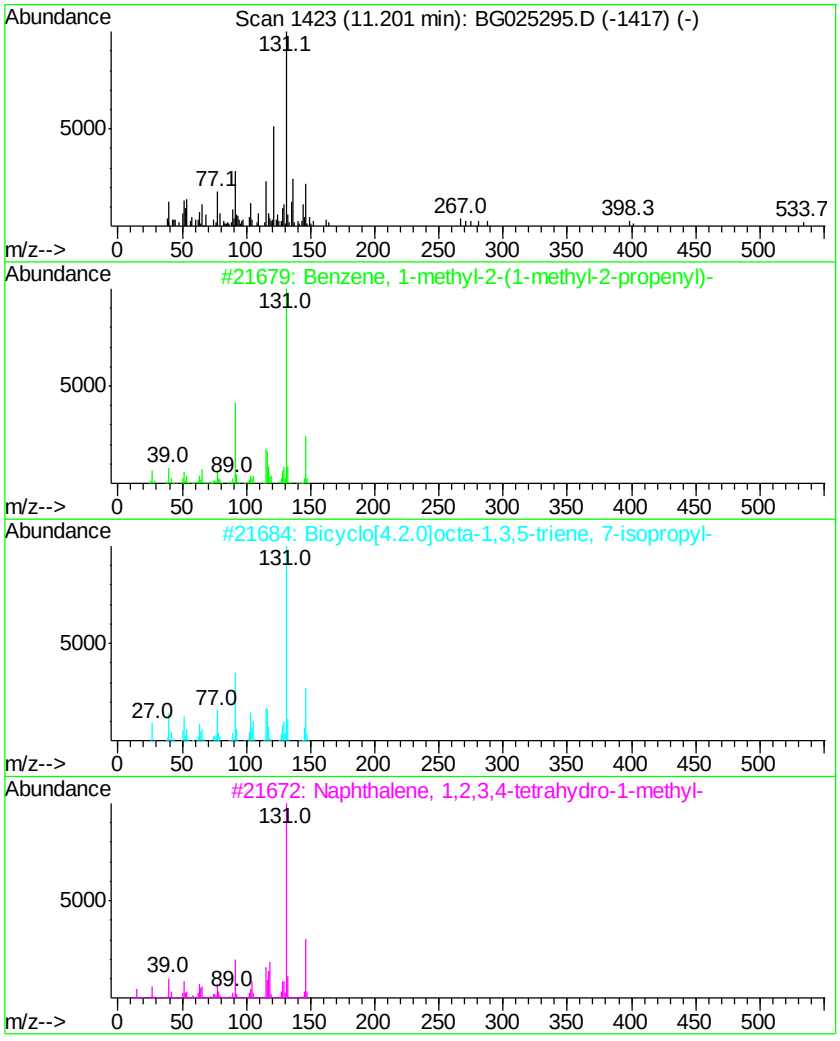
Quant Title : SVOA CALIBRATION

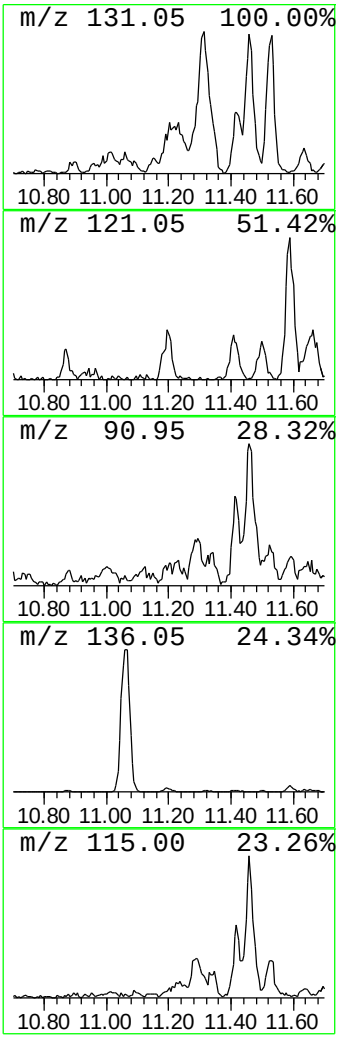
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-2-(1-meth... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.45 ng/ul	83465	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	58
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	52
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	50
5	3-Phenyl-4,5-dimethyl-2,1-oxabor...	202	C13H19BO	1000062-26-1	50





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Sample : H5970-08DL 10X
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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Quant Title : SVOA CALIBRATION

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

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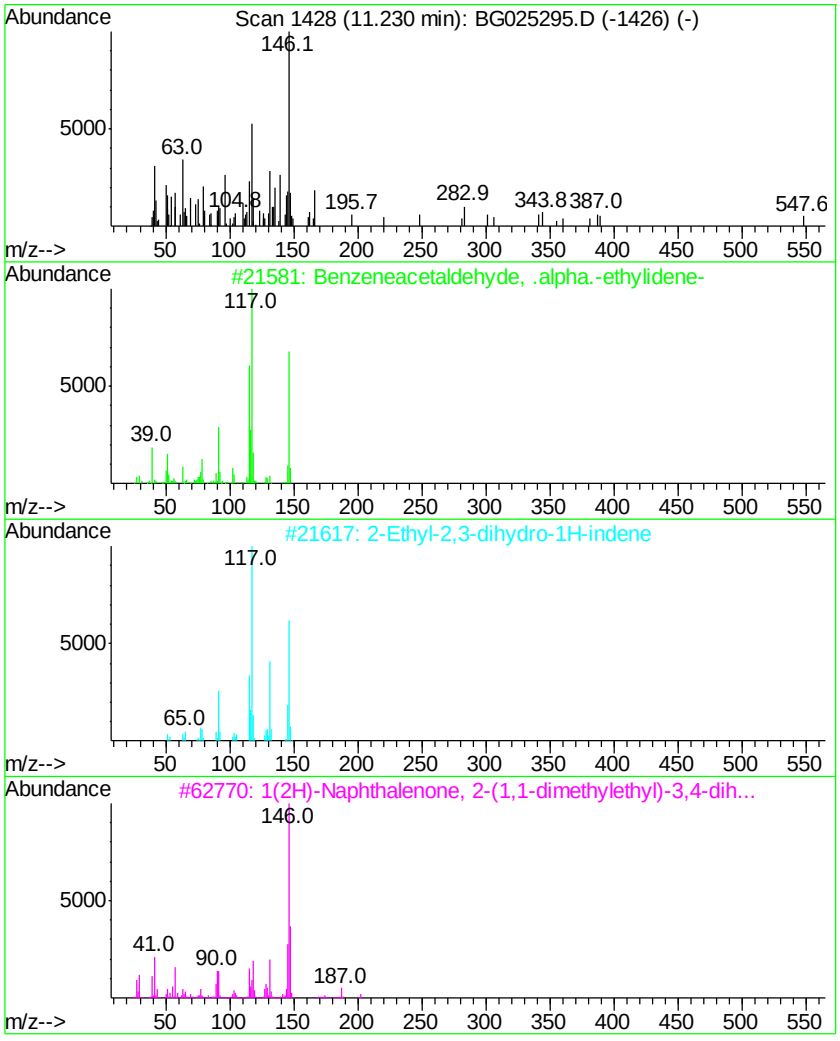
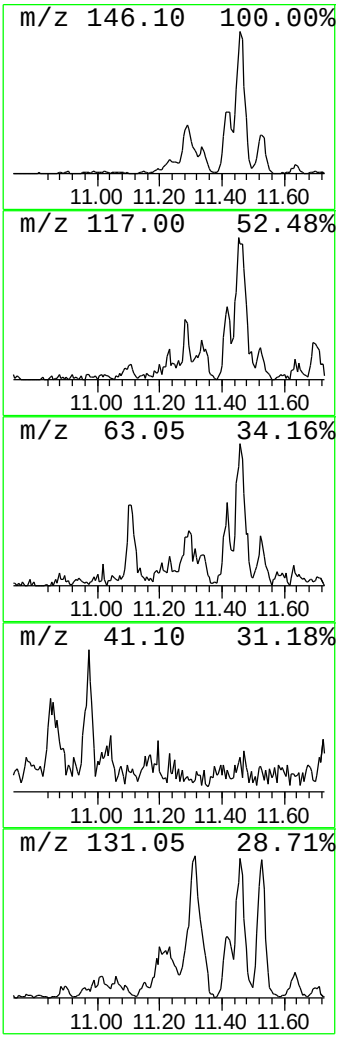
Peak Number 12 unknown-02 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	3.55 ng/ul	121032	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	43
2	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	43
3	1(2H)-Naphthalenone, 2-(1,1-dime...	202	C14H18O	042981-75-9	38
4	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	35
5	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	35





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Sample : H5970-08DL 10X
Misc :
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Instrument : BNA_G
ClientSampleId : DA847DL

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Quant Title : SVOA CALIBRATION

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

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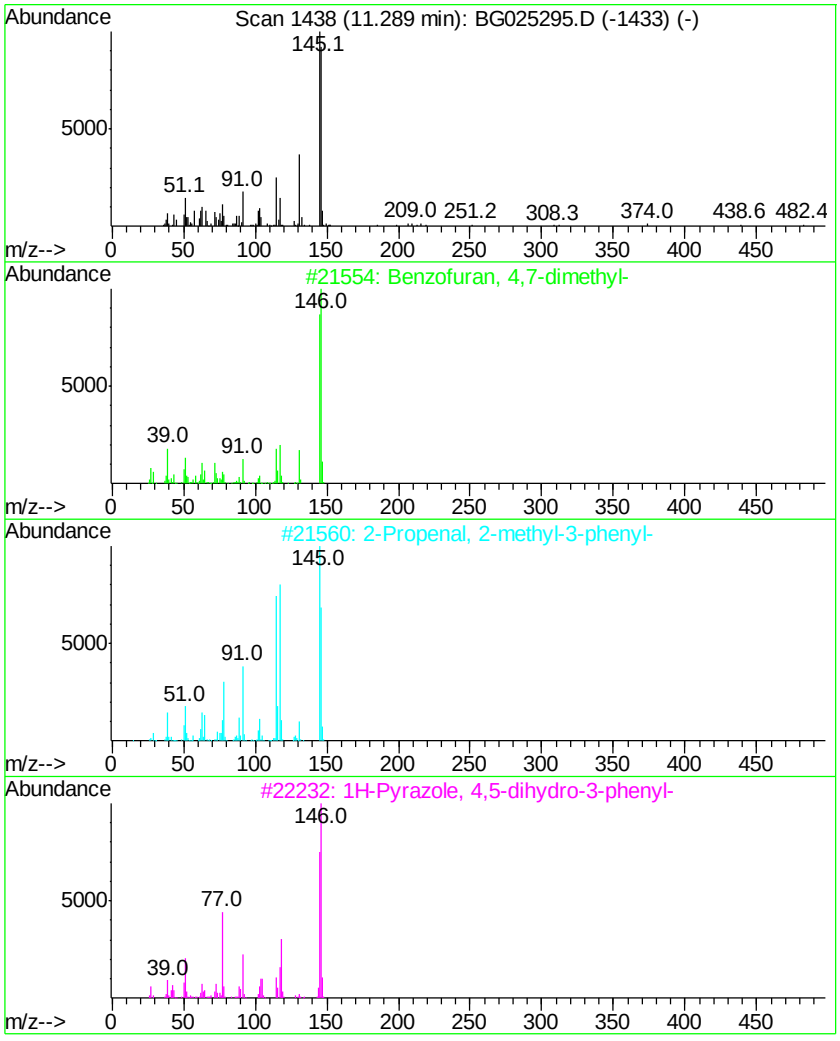
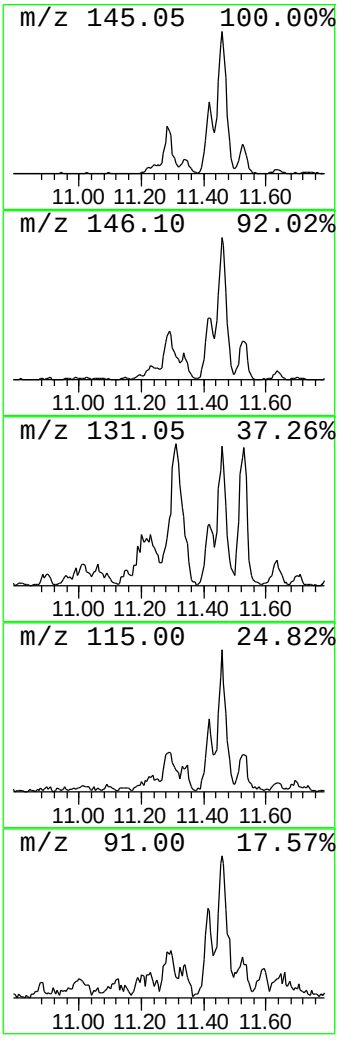
Peak Number 13 Benzofuran, 4,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	18.59 ng/ul	633063	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	72
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
3	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	59
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53





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Sample : H5970-08DL 10X
Misc :
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Instrument : BNA_G
ClientSampleId : DA847DL

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Quant Title : SVOA CALIBRATION

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

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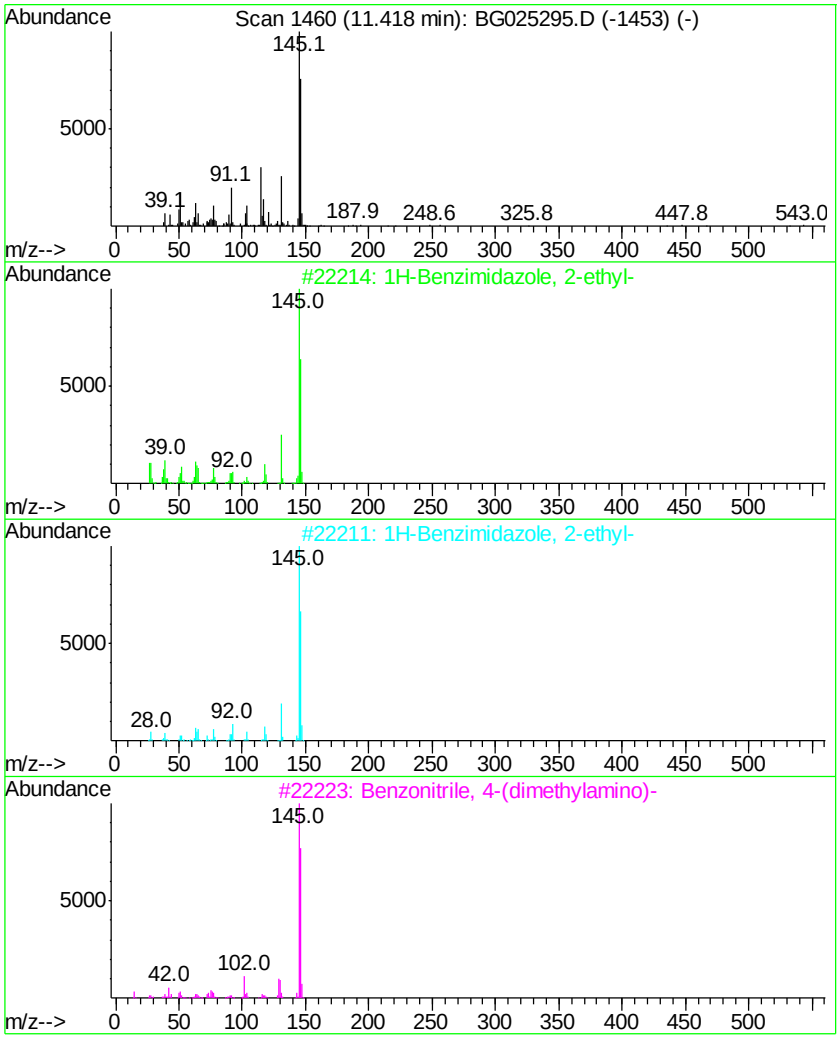
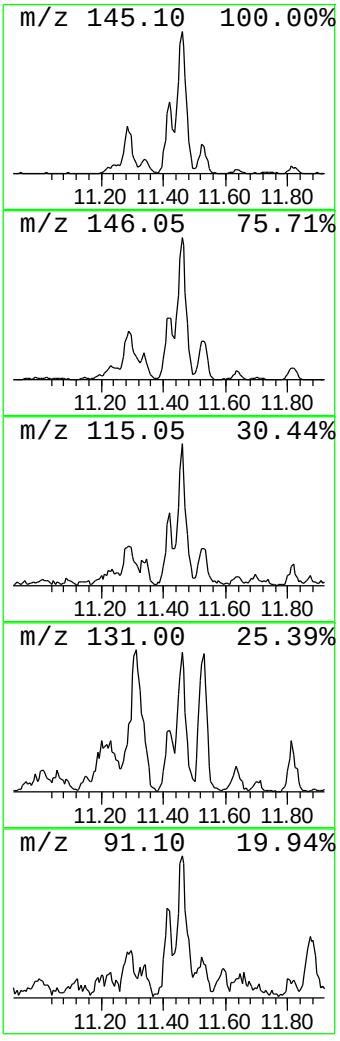
Peak Number 14 1H-Benzimidazole, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	14.62 ng/ul	497838	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	53
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	52
5	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	47





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Quant Title : SVOA CALIBRATION

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

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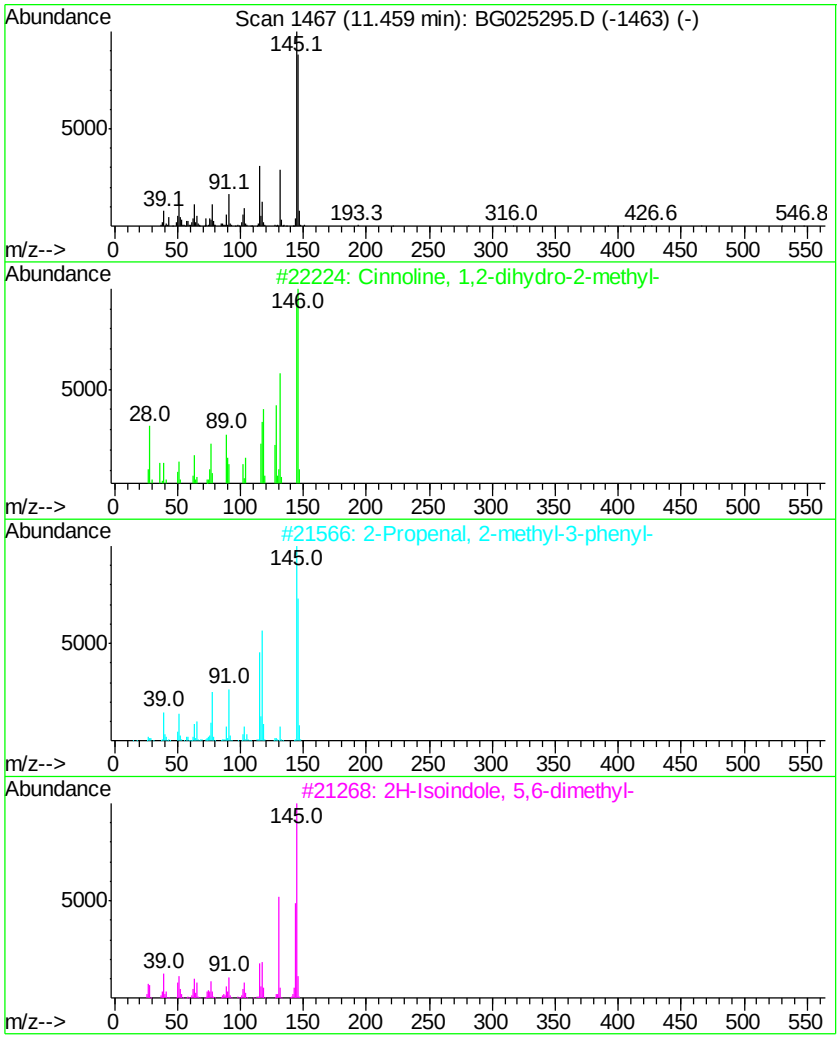
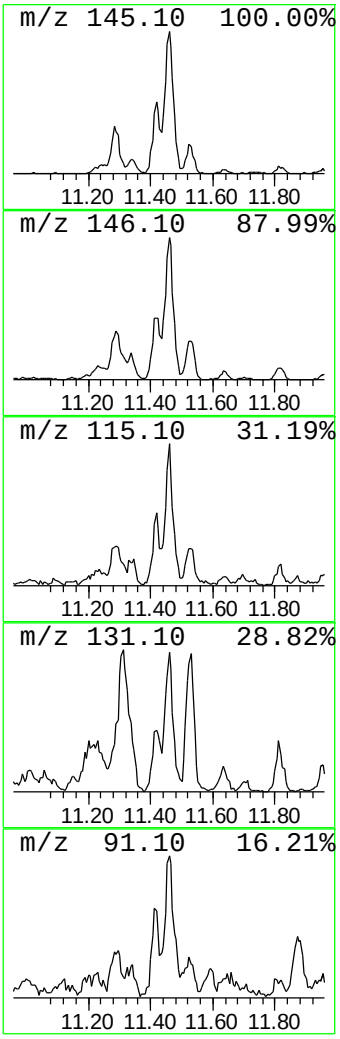
Peak Number 15 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	27.32 ng/ul	930619	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	80
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	45
3	2H-Isoindole, 5,6-dimethyl-	145	C10H11N	070187-63-2	43
4	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	43
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	40





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Quant Title : SVOA CALIBRATION

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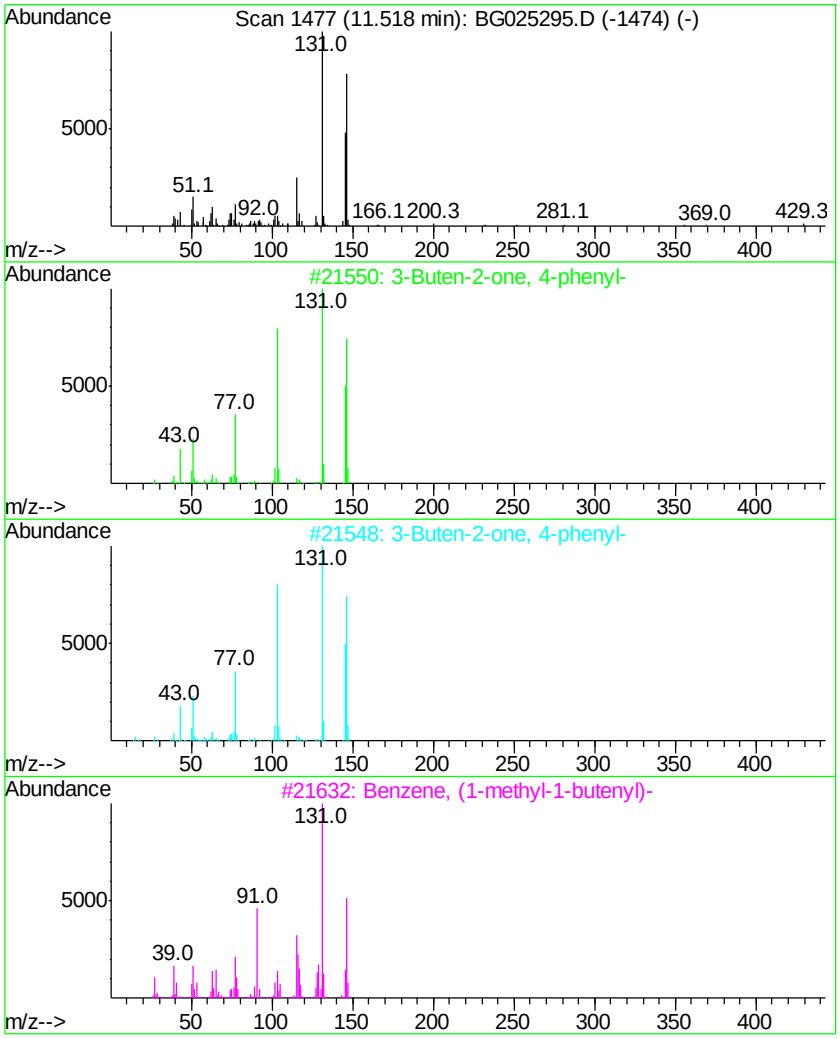
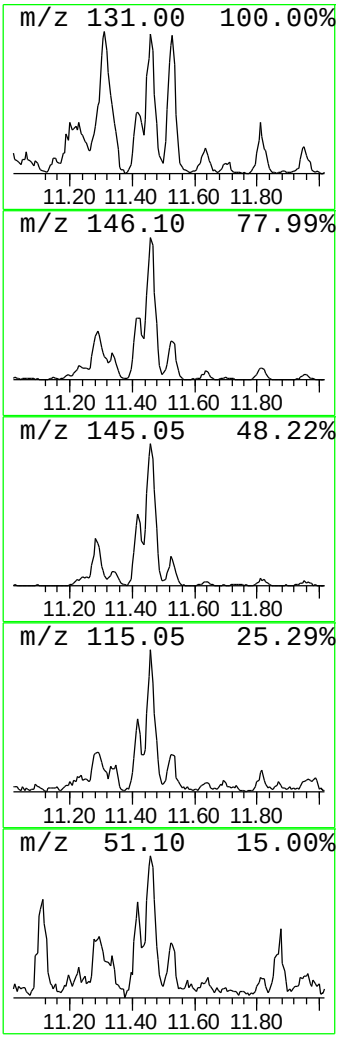
Peak Number 16 3-Buten-2-one, 4-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	8.09 ng/ul	275595	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	72
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	72
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	59
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	59





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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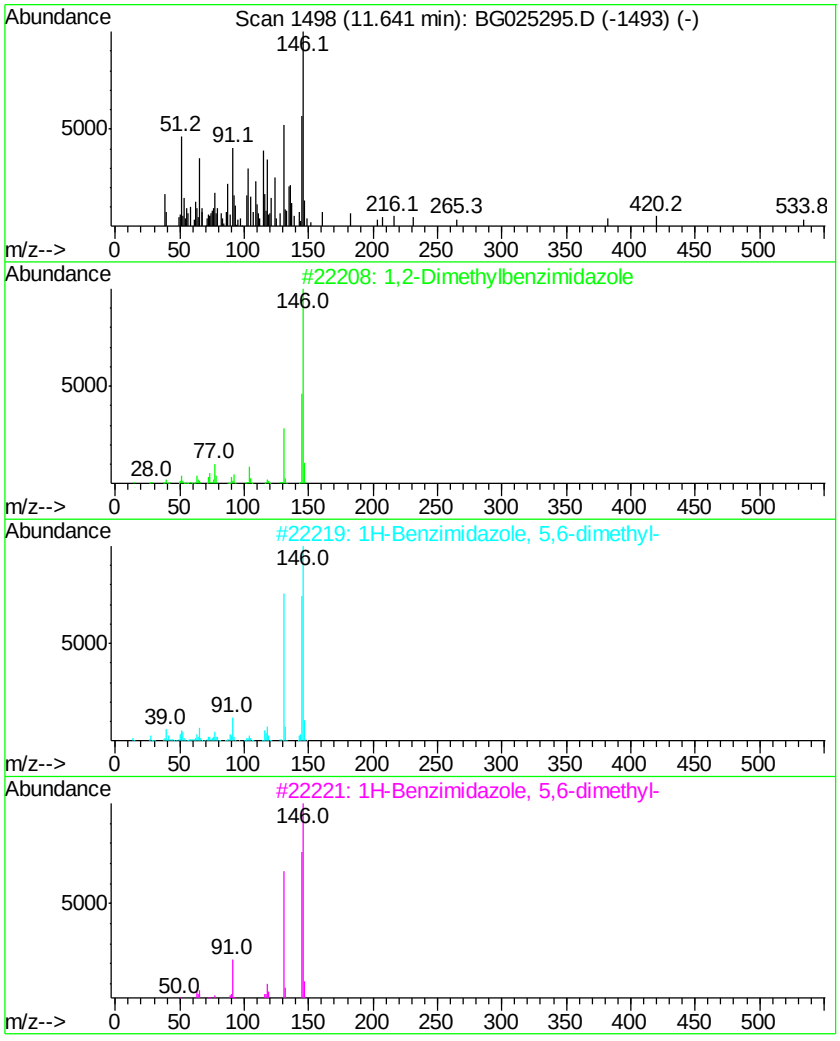
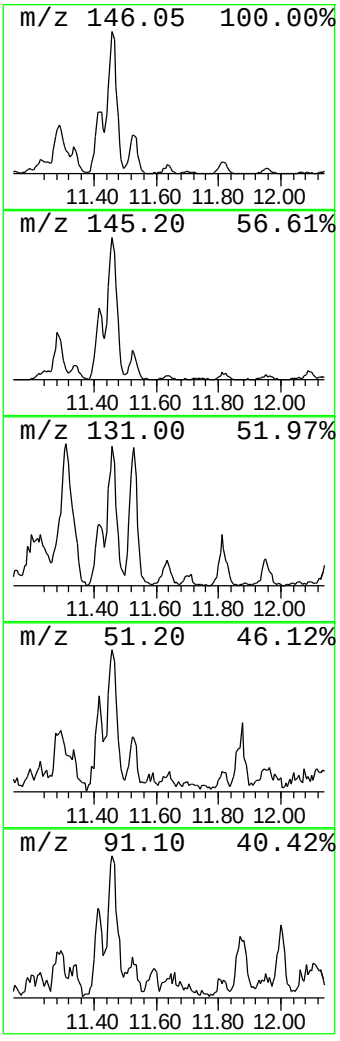
Peak Number 17 1,2-Dimethylbenzimidazole Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	2.32 ng/ul	78921	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	55
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	49
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	49
4	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	46
5	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	46





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Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

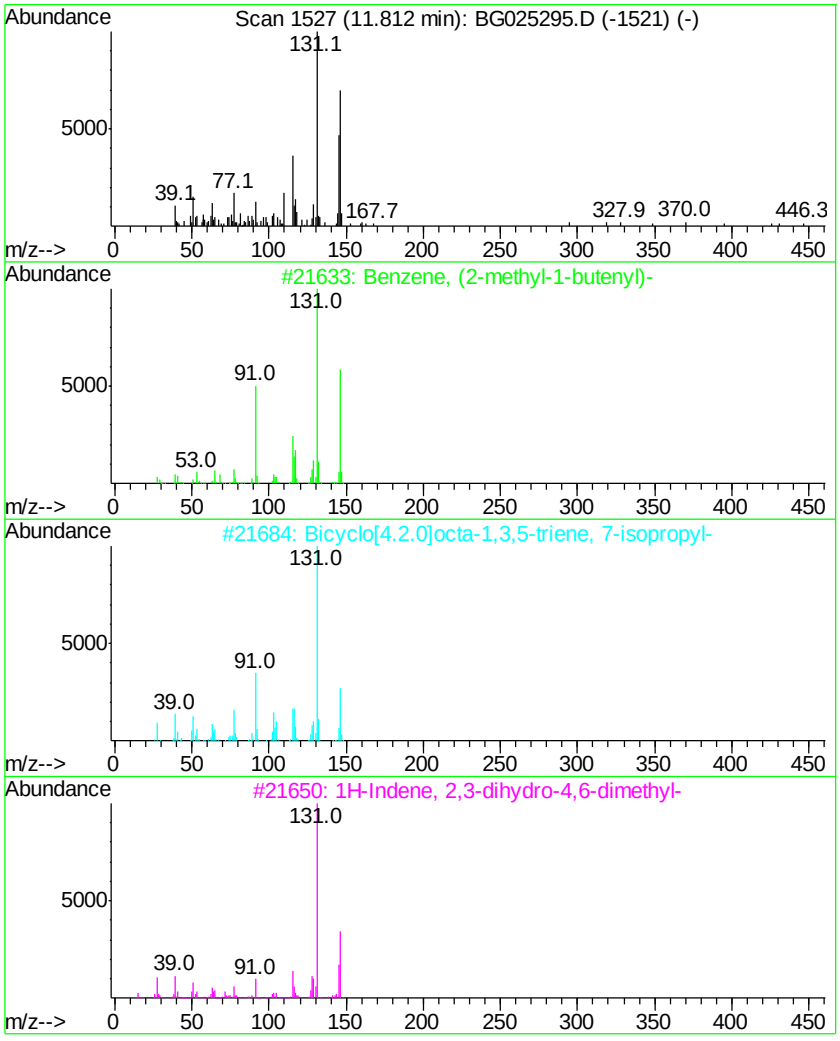
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

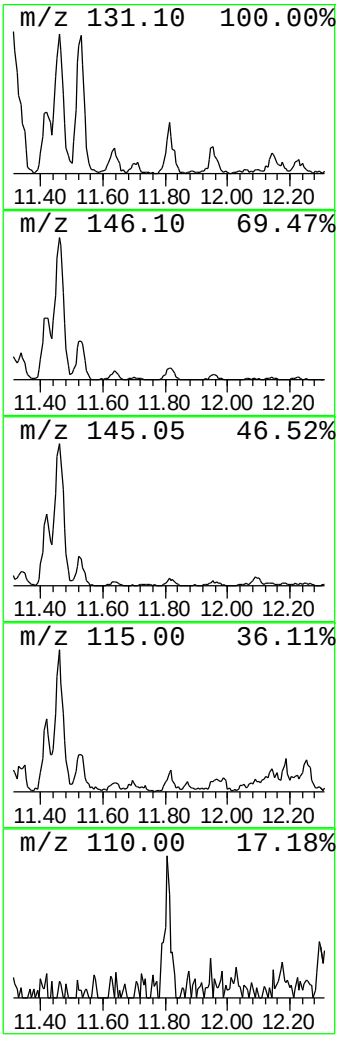
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, (2-methyl-1-butenyl)- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.90 ng/ul	132758	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	59
4	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	53
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	49





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Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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

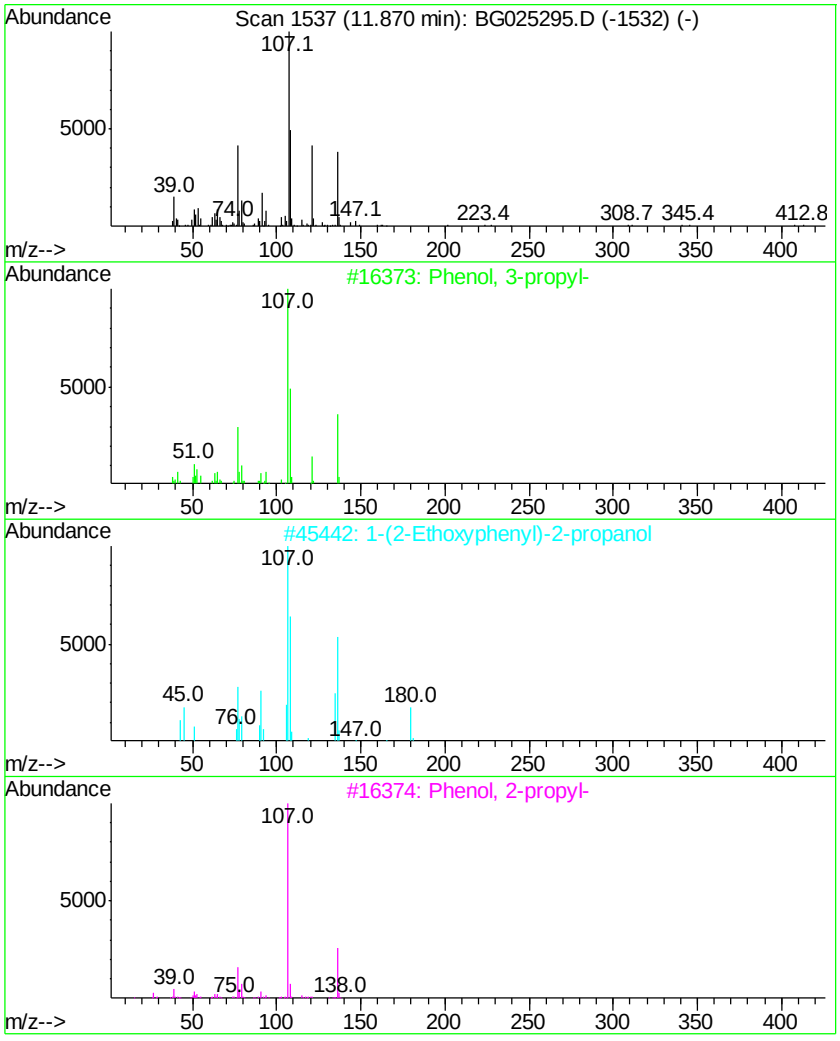
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

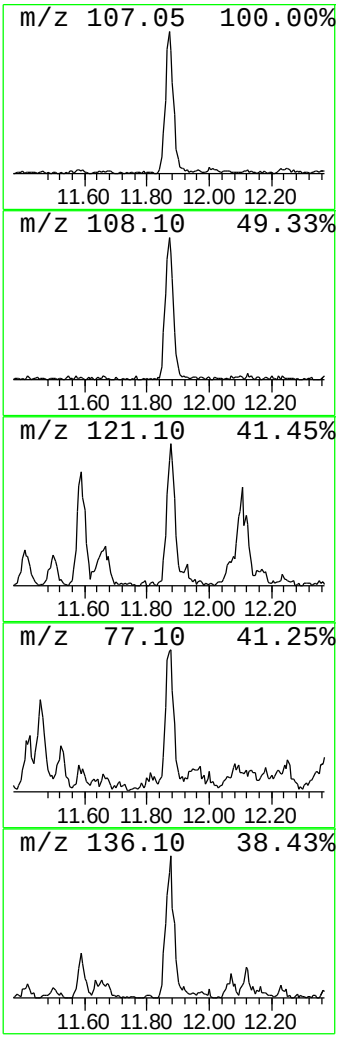
****

Peak Number 19 Phenol, 3-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	11.25 ng/ul	383068	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	91
2	1-(2-Ethoxyphenyl)-2-propanol	180	C11H16O2	1000123-09-8	64
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	62
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	58
5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	50





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Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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

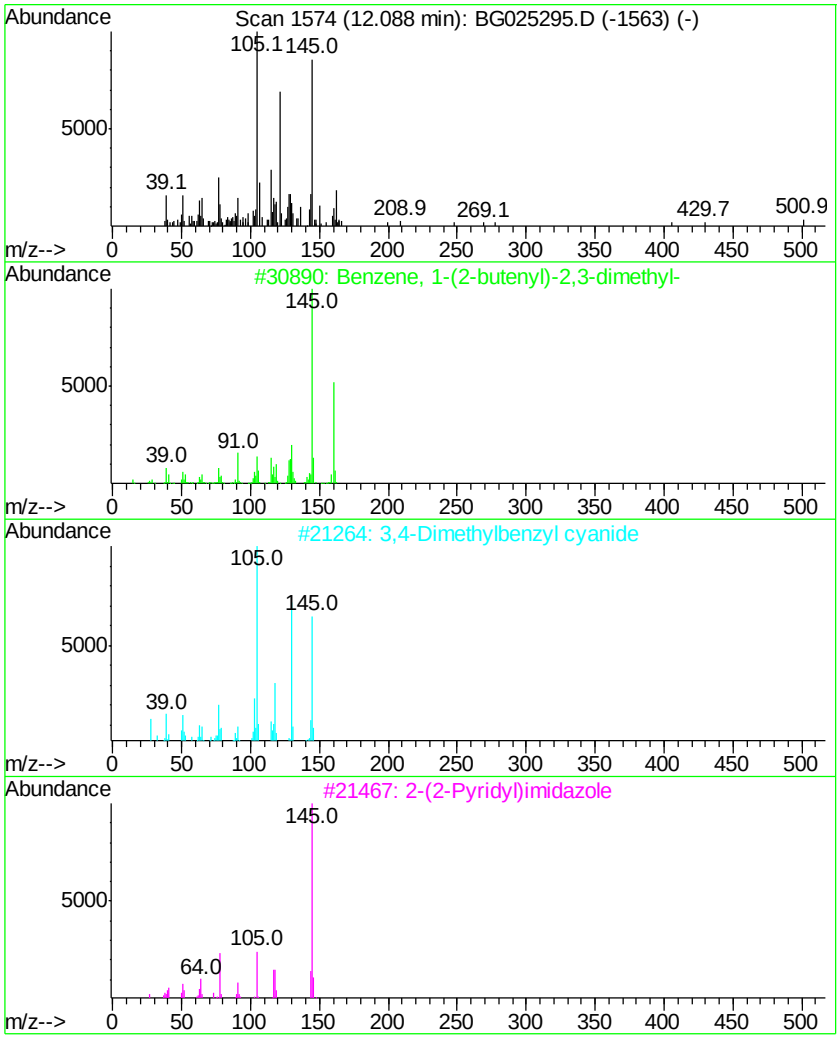
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

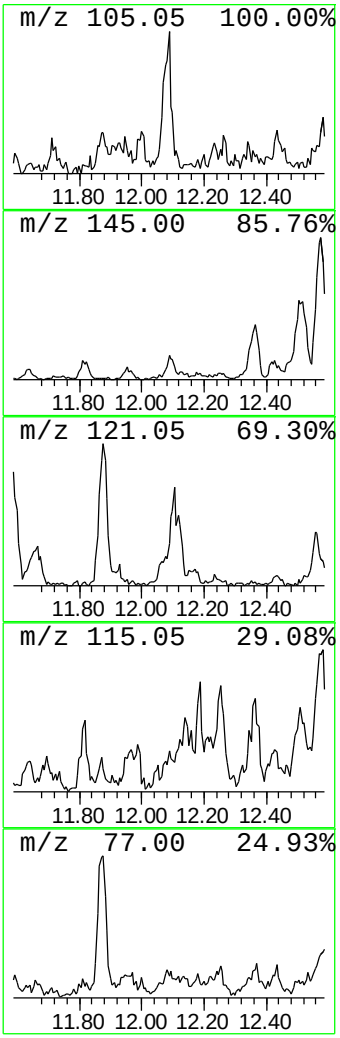
****

Peak Number 20 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	5.27 ng/ul	179472	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53
2	3,4-Dimethylbenzyl cyanide	145	C10H11N	003020-06-2	49
3	2-(2-Pyridyl)imidazole	145	C8H7N3	018653-75-3	47
4	1,6-Naphthyridin-4-amine	145	C8H7N3	028593-08-0	46
5	2-Quinazolinamine	145	C8H7N3	001687-51-0	43





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Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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

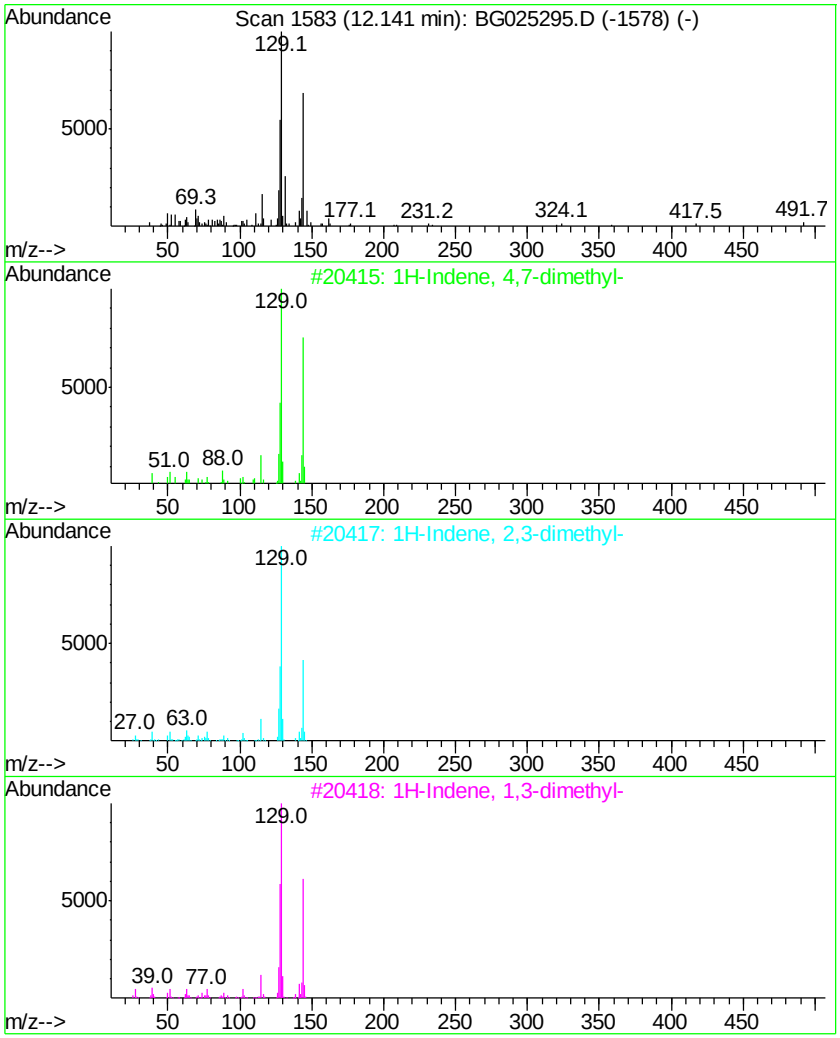
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

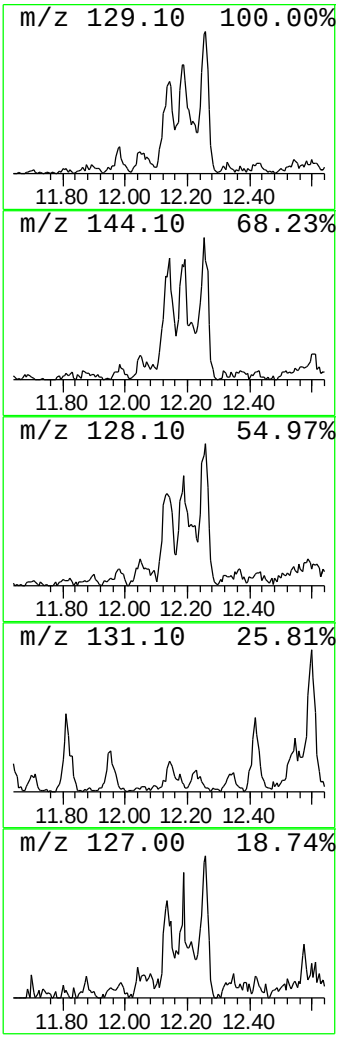
****

Peak Number 21 1H-Indene, 4,7-dimethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.02 ng/ul	102730	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	87
2	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87
3	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	87
4	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	80
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	80





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Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

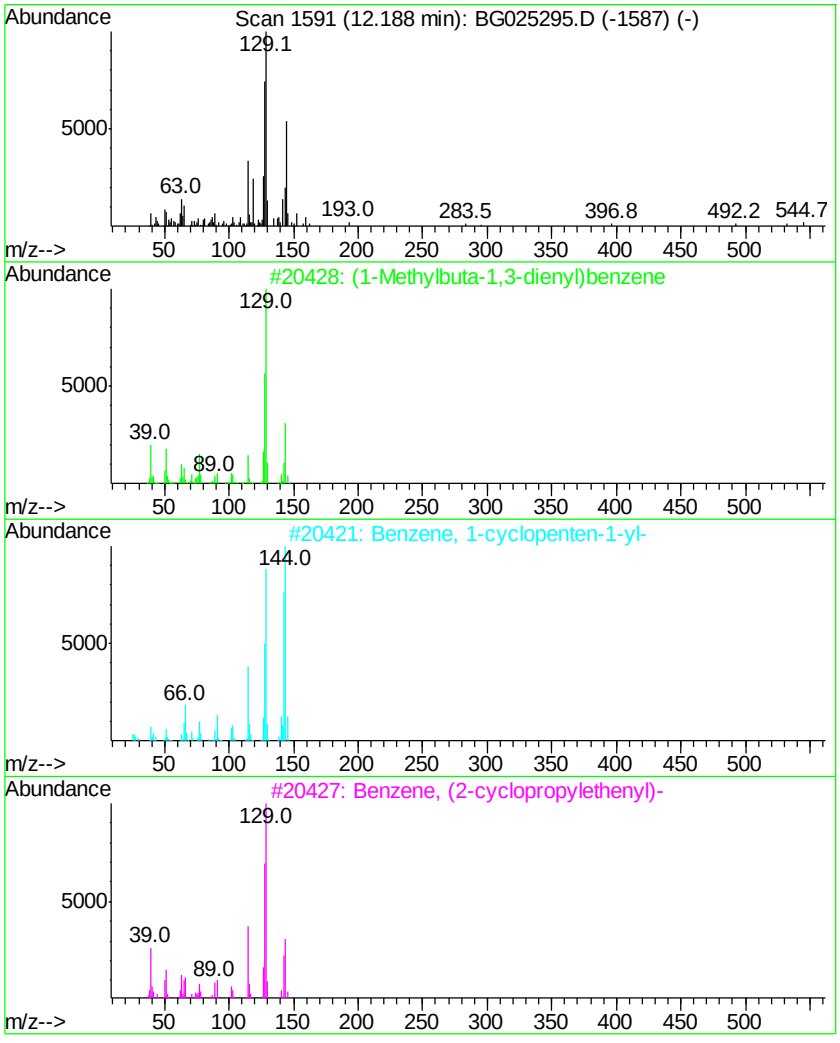
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

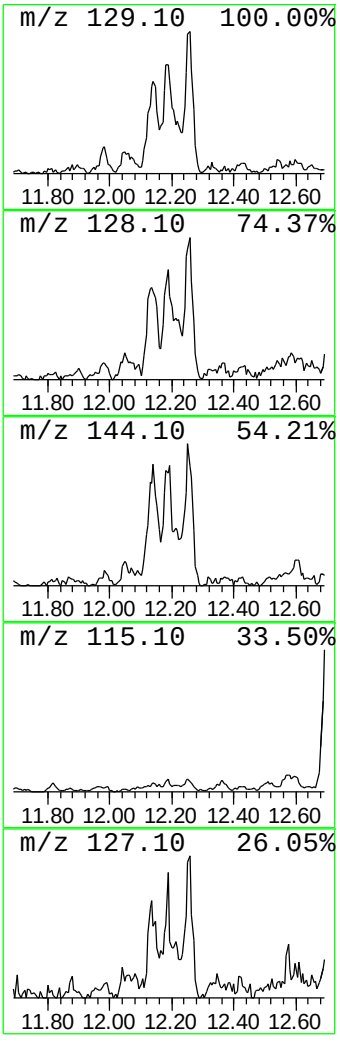
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (1-Methylbuta-1,3-dienyl)be... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	3.20 ng/ul	108968	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	83
2	Benzene, 1-cyclopenten-1-yl-	144	C11H12	000825-54-7	72
3	Benzene, (2-cyclopropylethenyl)-	144	C11H12	1000142-01-6	68
4	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	64
5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	64





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Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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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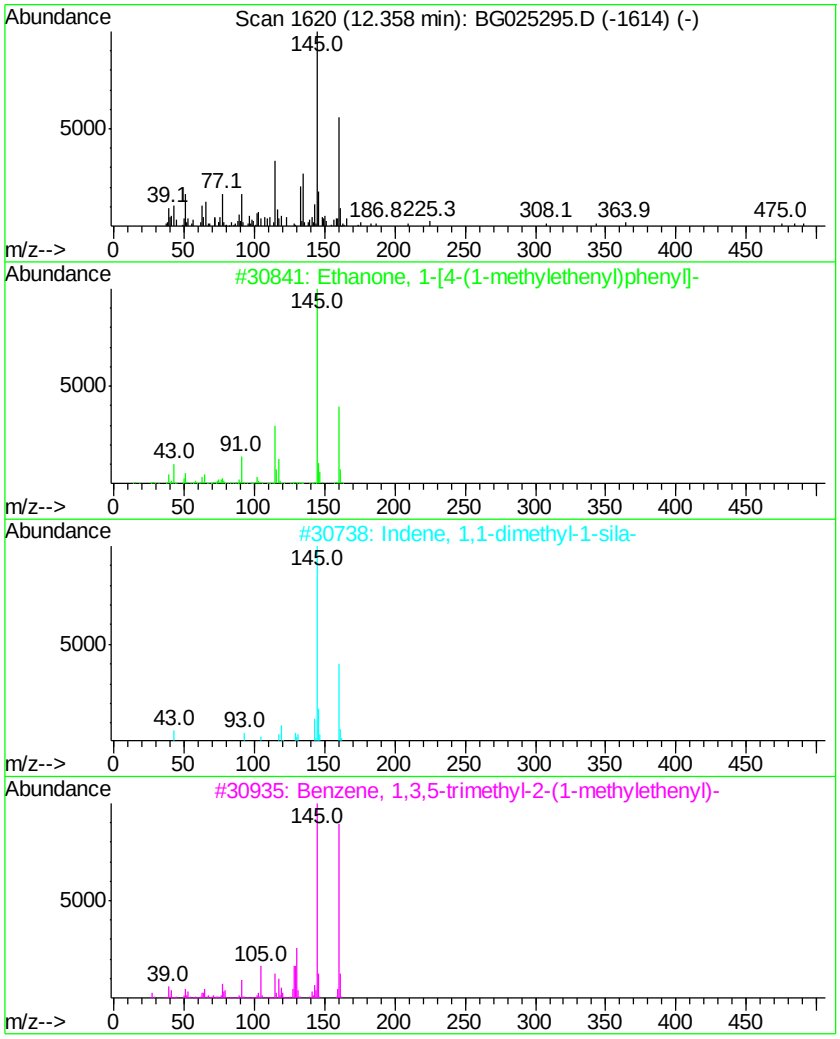
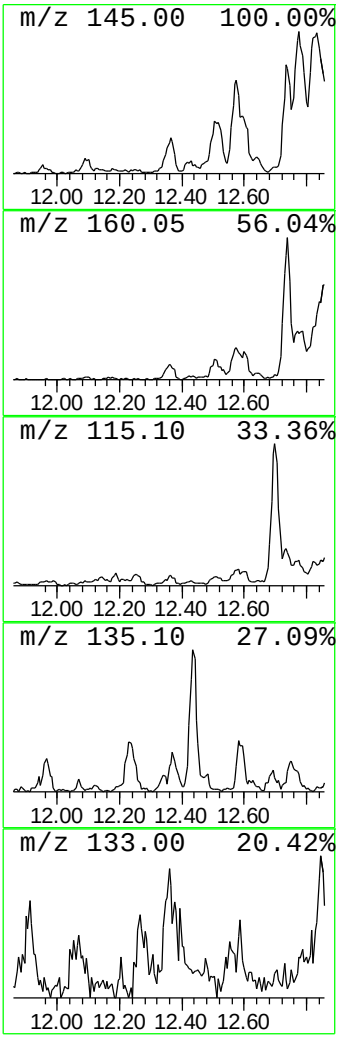
Peak Number 24 Ethanone, 1-[4-(1-methyleth... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	3.68 ng/ul	125215	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	70
2	Indene, 1,1-dimethyl-1-sila-	160	C10H12Si	058310-24-0	64
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
4	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	52
5	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	52





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Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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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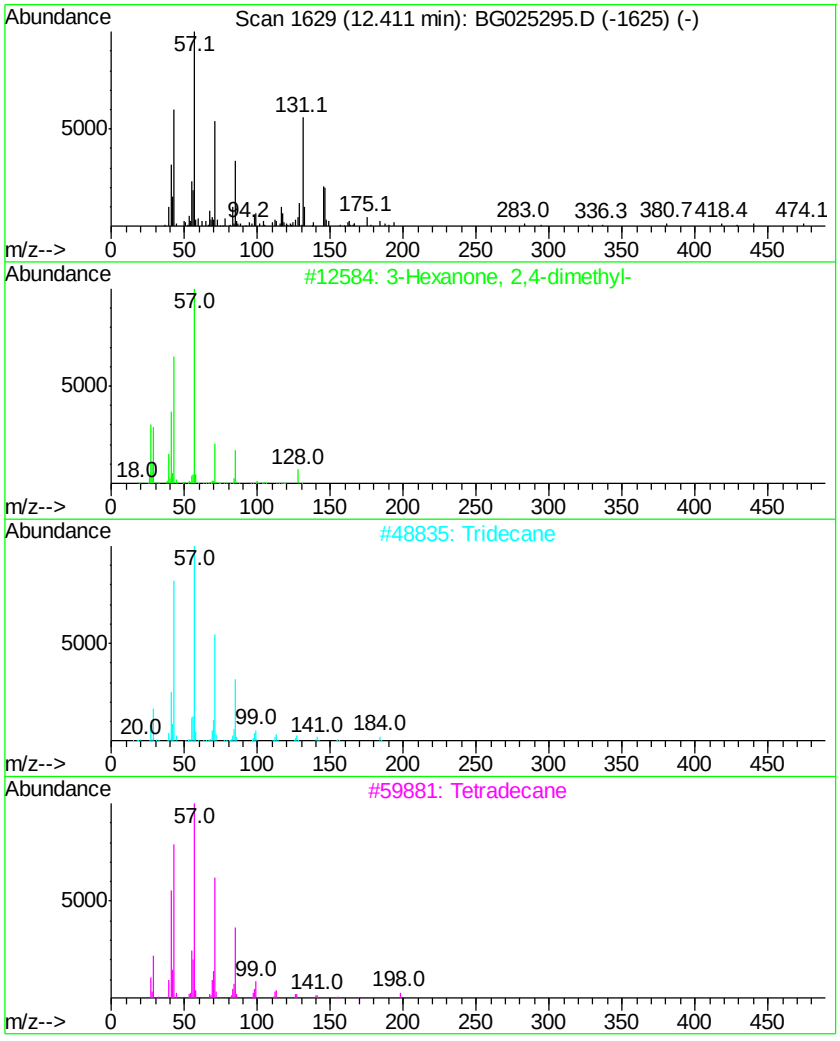
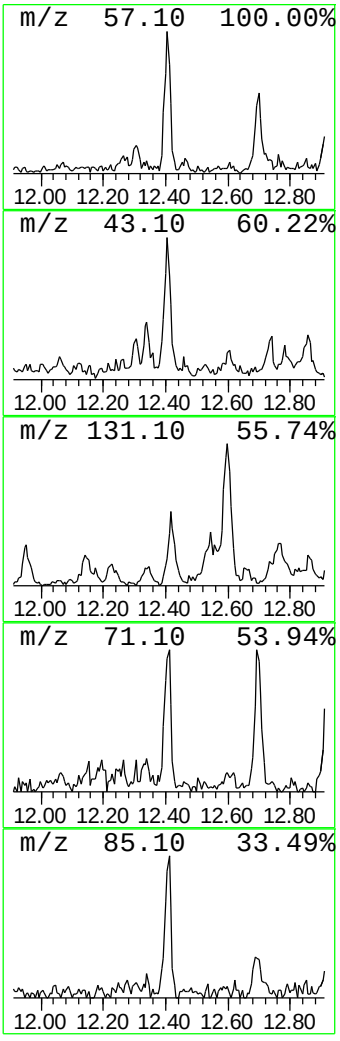
Peak Number 25 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	7.60 ng/ul	258873	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	47
2	Tridecane	184	C13H28	000629-50-5	43
3	Tetradecane	198	C14H30	000629-59-4	43
4	Tridecane	184	C13H28	000629-50-5	43
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	41





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Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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

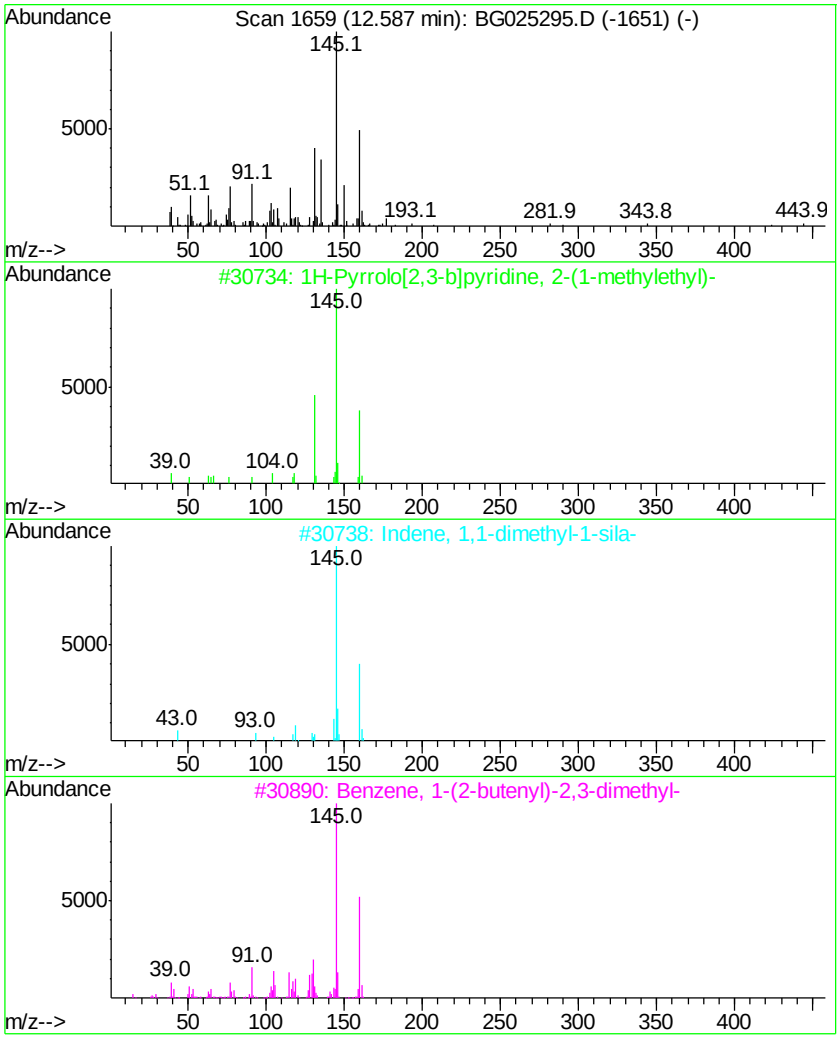
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

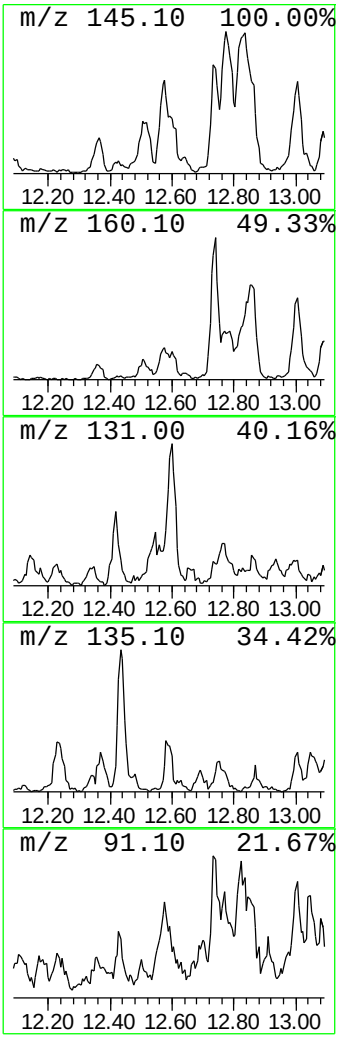
****

Peak Number 27 1H-Pyrrolo[2,3-b]pyridine, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	13.26 ng/ul	451642	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	64
2	Indene, 1,1-dimethyl-1-sila-	160	C10H12Si	058310-24-0	58
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	53
5	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	53





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Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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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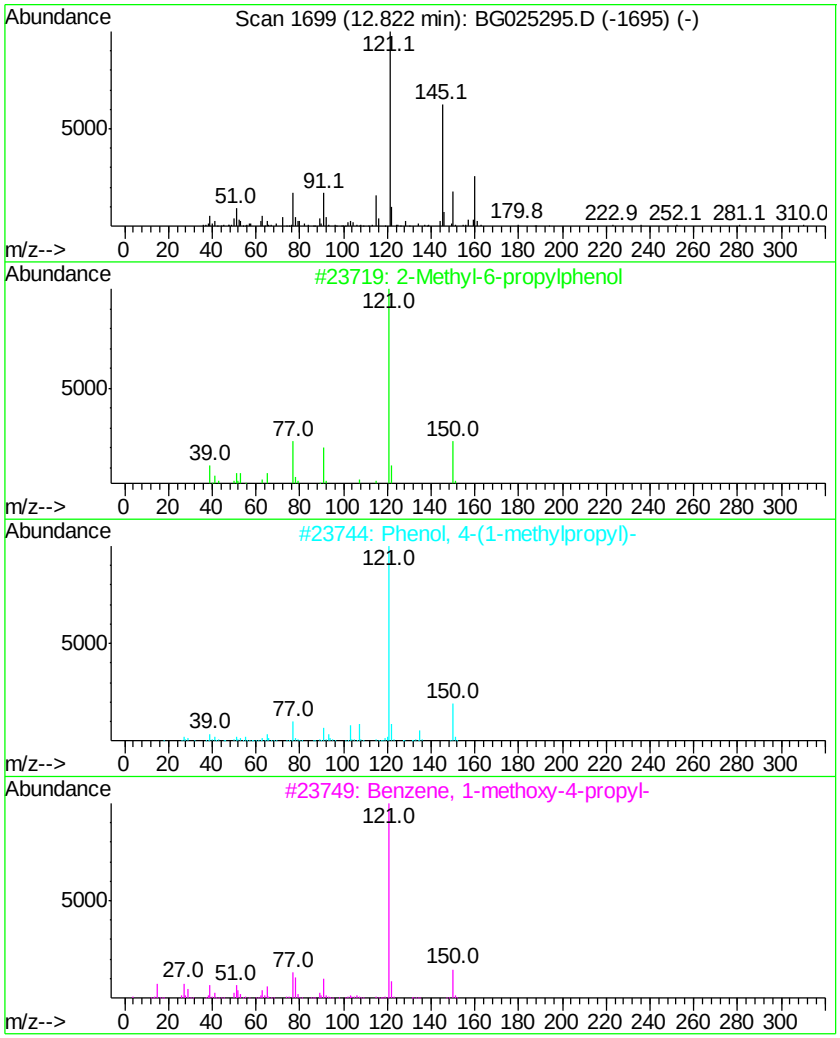
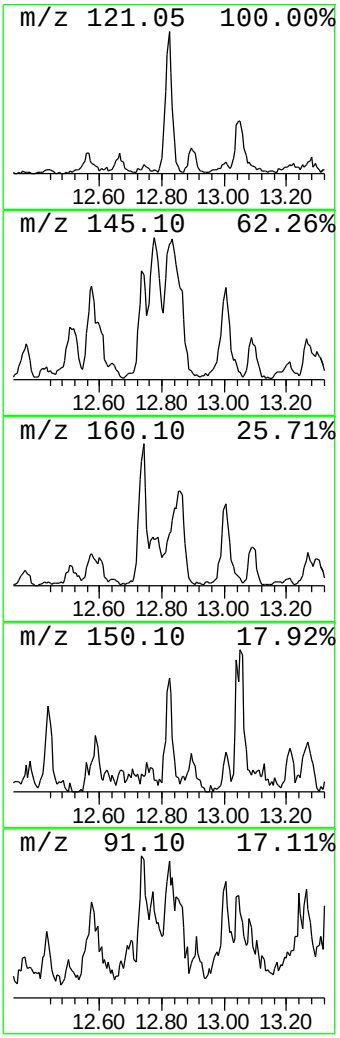
Peak Number 28 2-Methyl-6-propylphenol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	8.62 ng/ul	293430	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-6-propylphenol	150	C10H14O	003520-52-3	53
2	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	46
3	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	46
4	2-Methyl-4-propylphenol	150	C10H14O	018441-56-0	46
5	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	43





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Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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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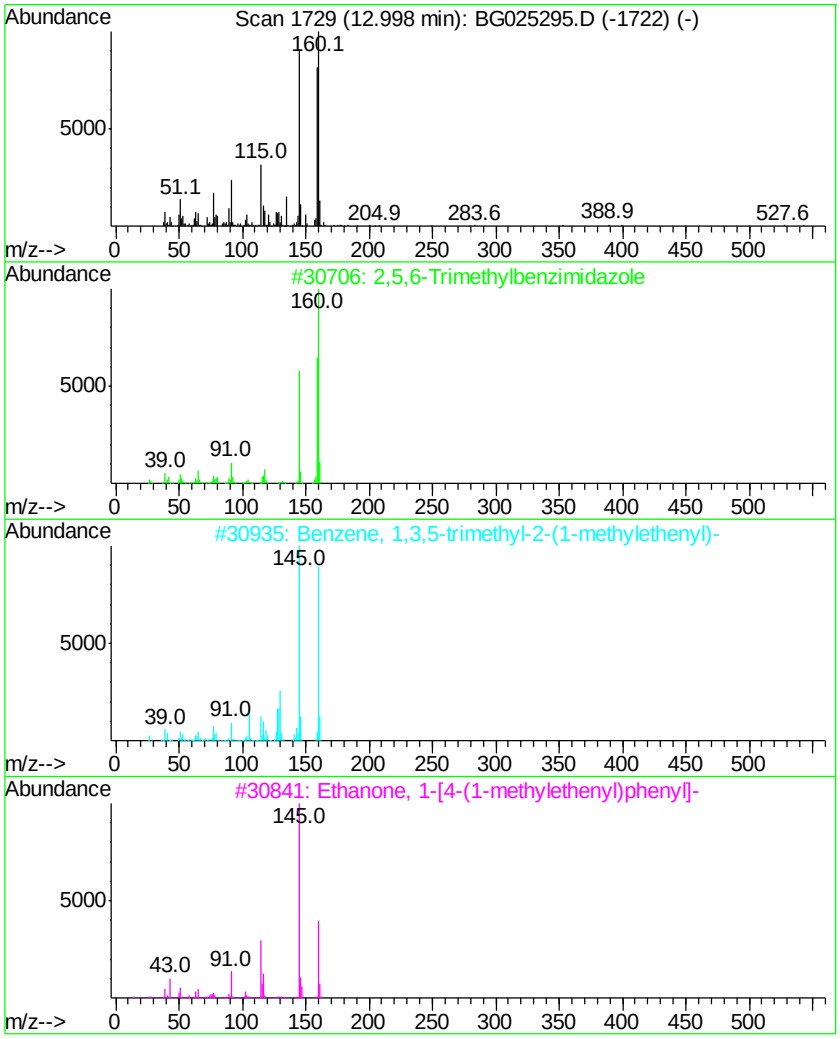
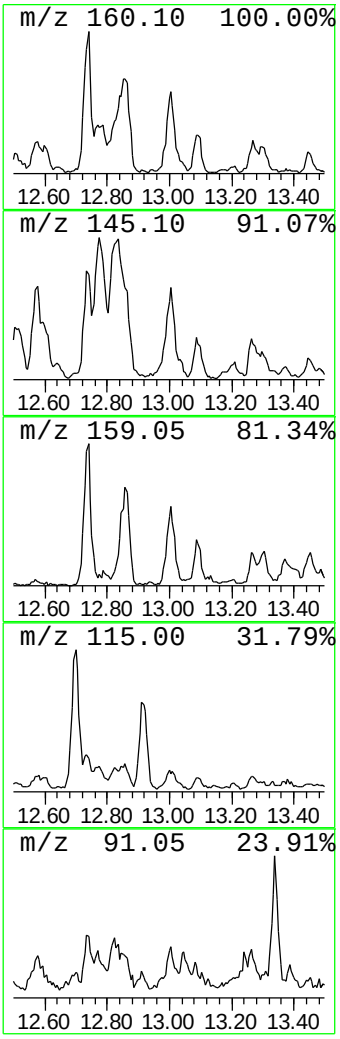
Peak Number 30 2,5,6-Trimethylbenzimidazole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	8.28 ng/ul	487964	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	86
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	53
3	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	53
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	49





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Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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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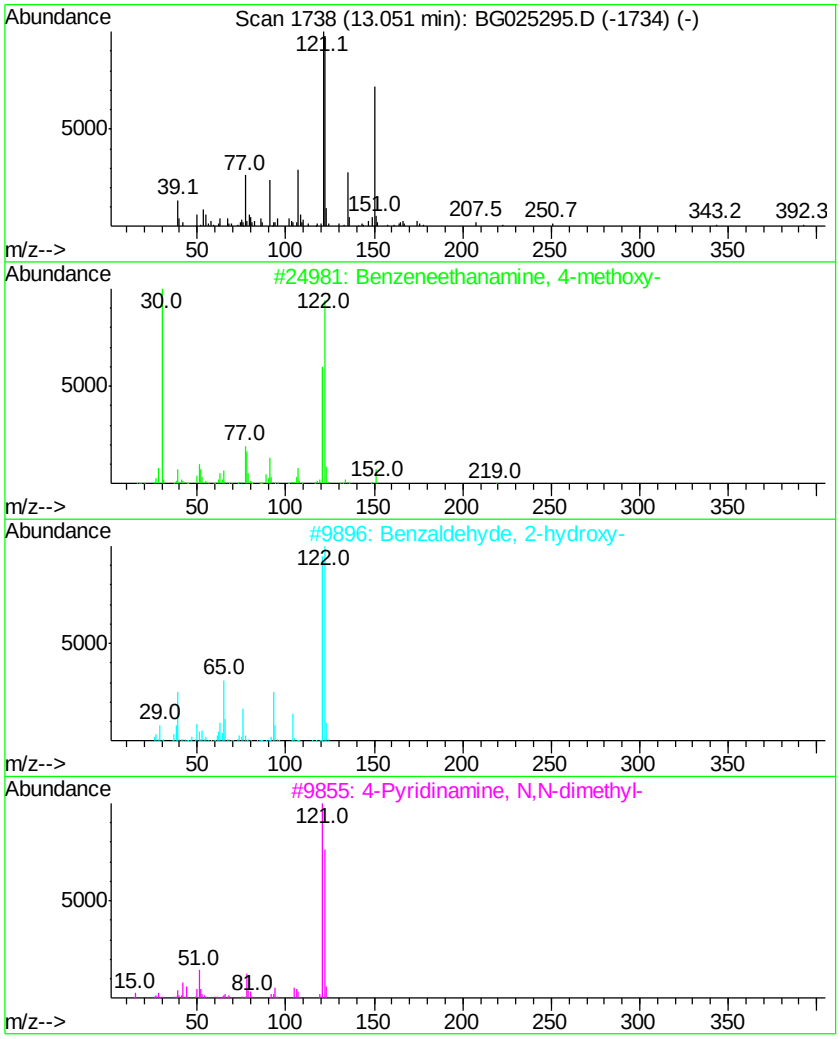
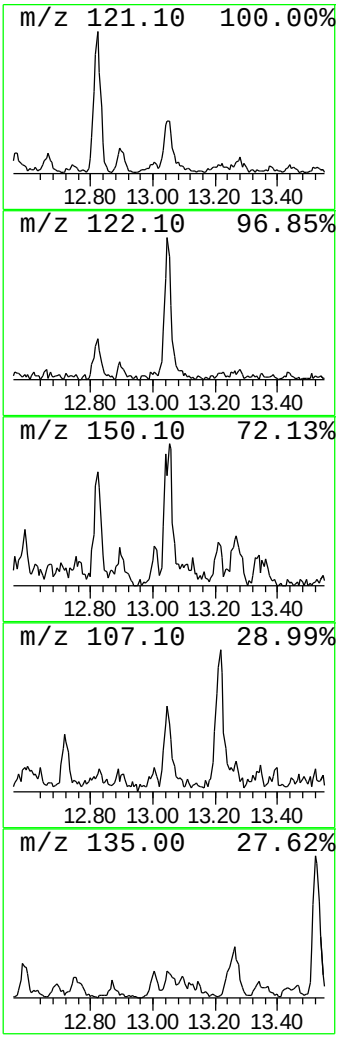
Peak Number 31 Benzeneethanamine, 4-methoxy- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	3.85 ng/ul	226675	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, 4-methoxy-	151	C9H13NO	000055-81-2	50
2	Benzaldehyde, 2-hydroxy-	122	C7H6O2	000090-02-8	46
3	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	46
4	1,3-Benzodioxole	122	C7H6O2	000274-09-9	43
5	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	38





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Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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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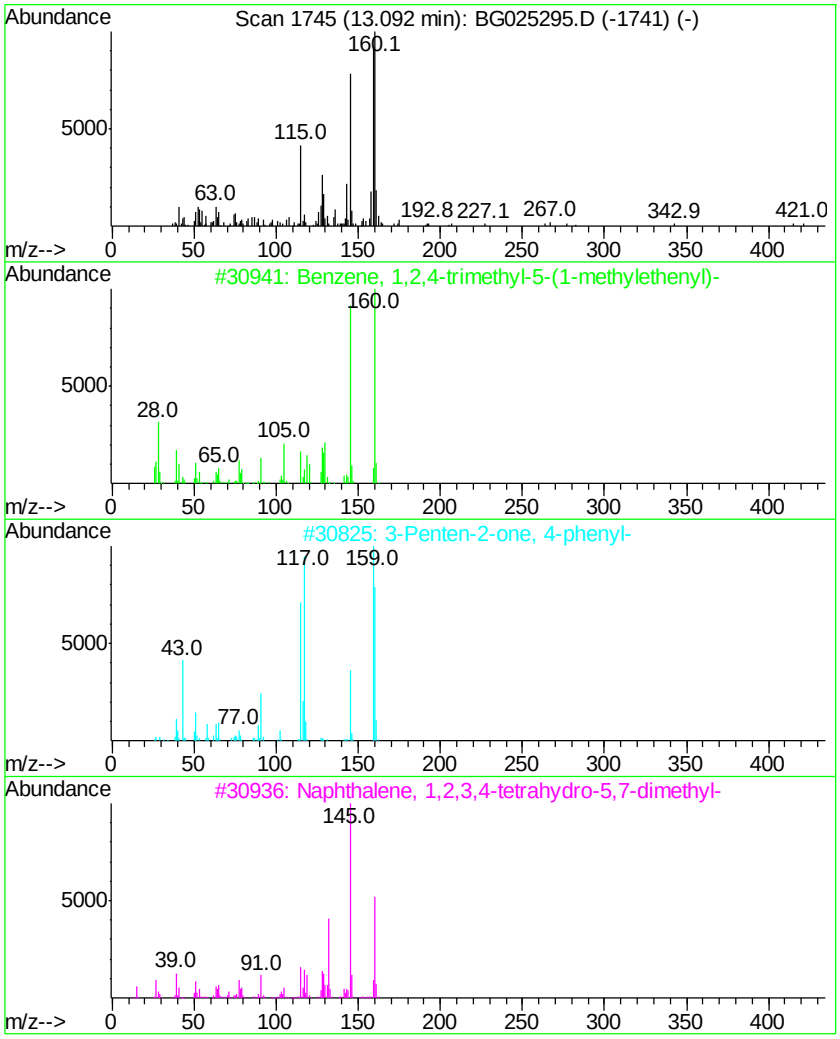
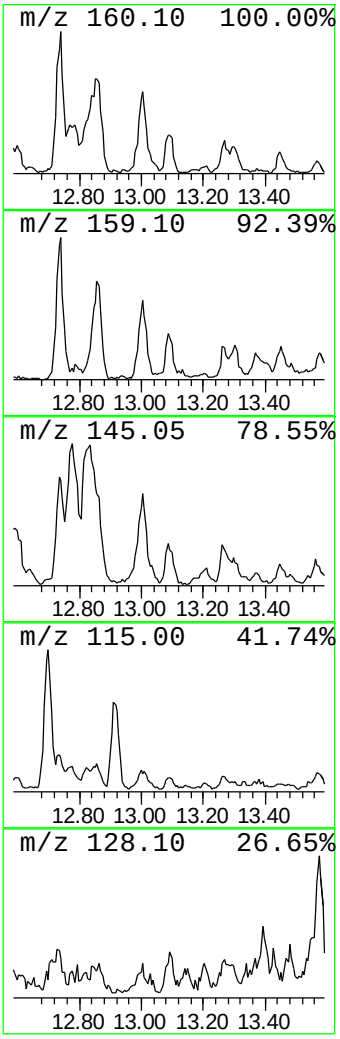
Peak Number 32 Benzene, 1,2,4-trimethyl-5-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	5.94 ng/ul	350385	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	53
2	3-Penten-2-one, 4-phenyl-	160	C11H12O	000827-69-0	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	46
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	46
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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

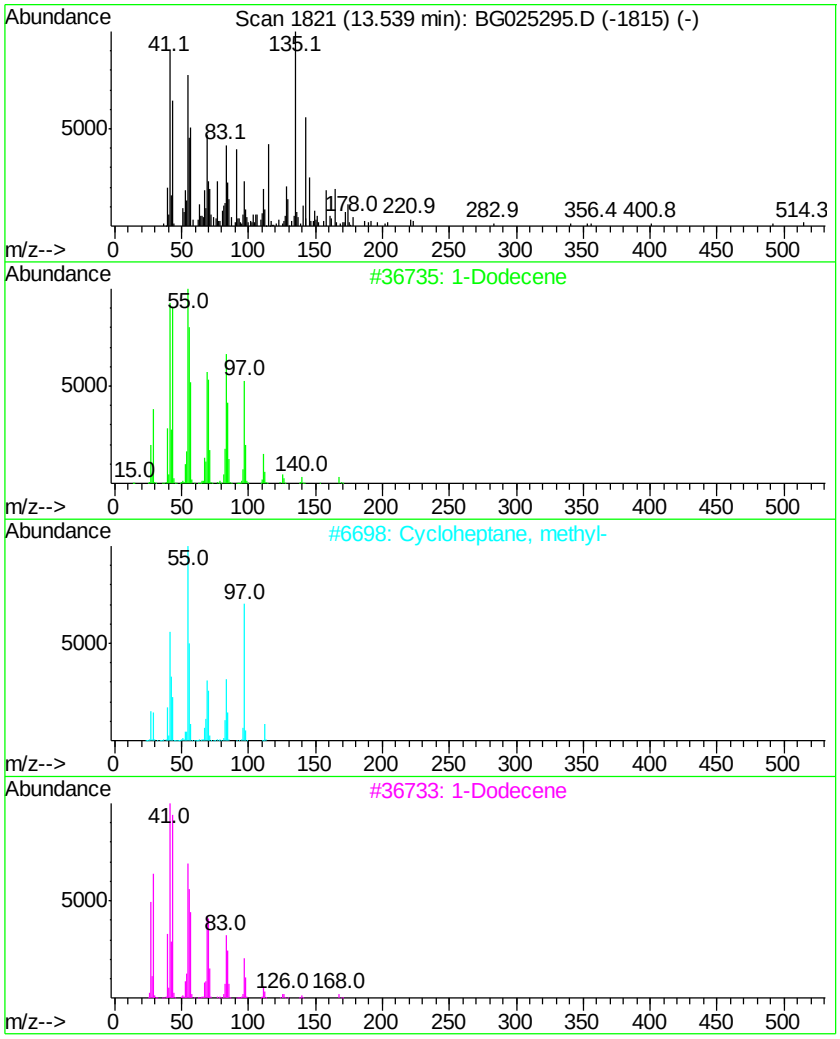
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

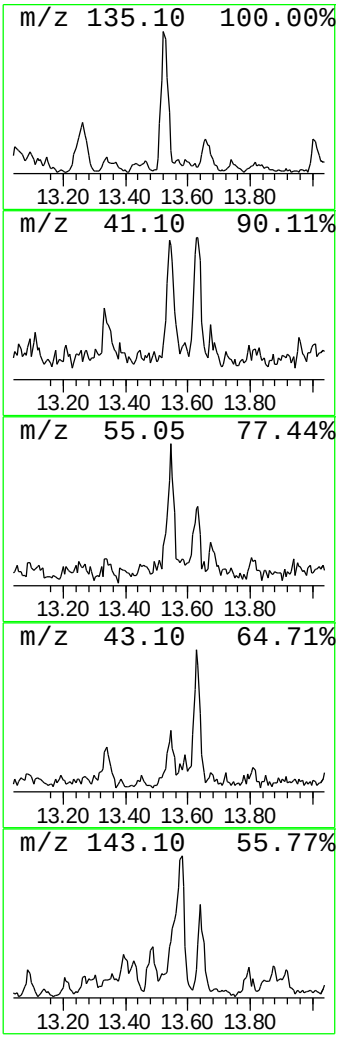
****

Peak Number 38 (DEL) Alkane: Cyclic13.54 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	5.99 ng/ul	353342	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecene	168	C12H24	000112-41-4	35
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	25
3	1-Dodecene	168	C12H24	000112-41-4	25
4	Cyclooctane, methyl-	126	C9H18	001502-38-1	25
5	Piperidin-4-carboxylic acid	129	C6H11NO2	000498-94-2	25





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Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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

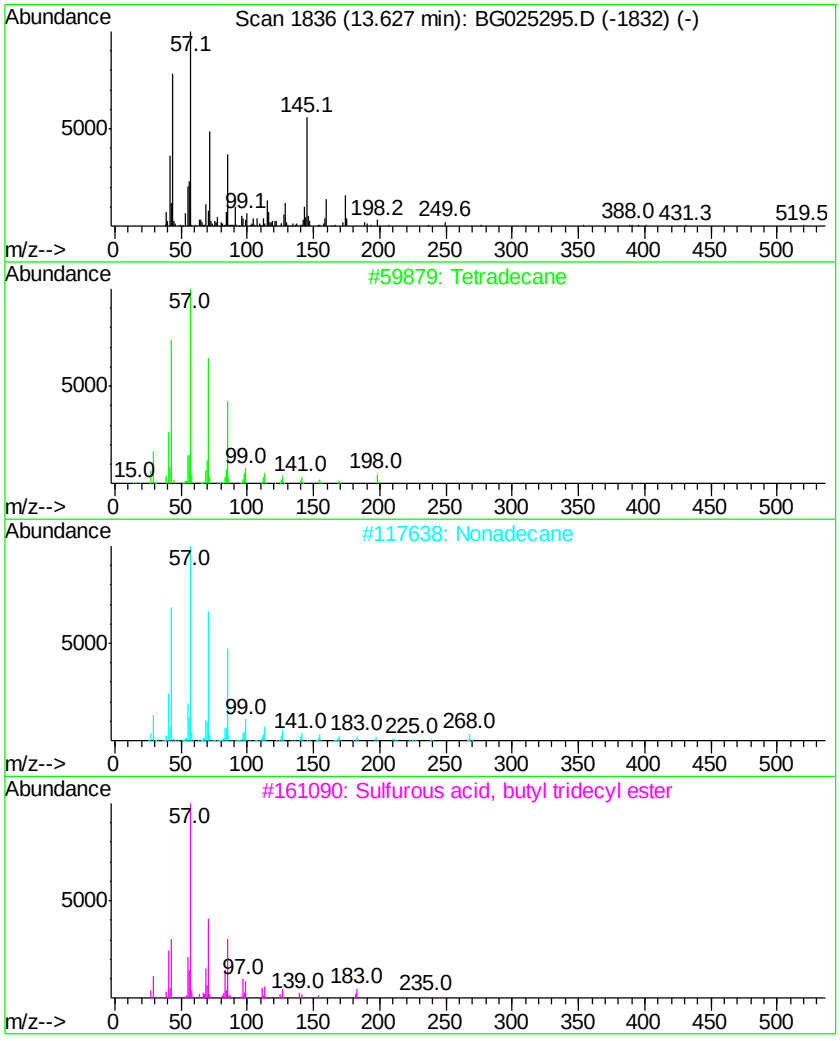
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

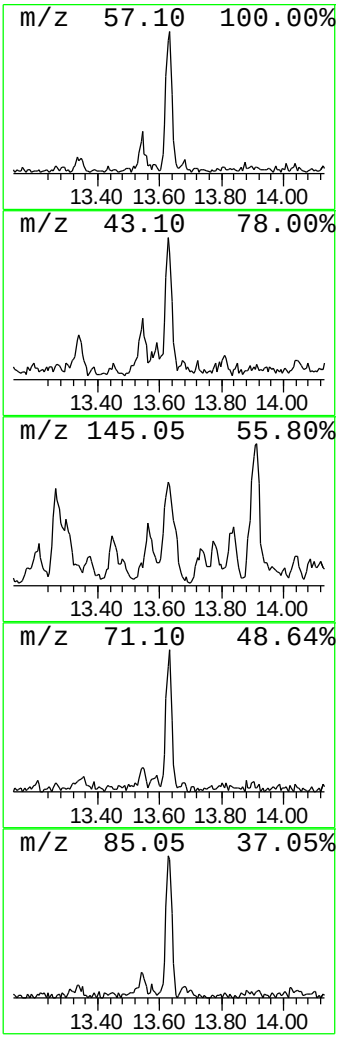
****

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	5.51 ng/ul	324682	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	30
2	Nonadecane	268	C19H40	000629-92-5	25
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	22
4	Pentadecane	212	C15H32	000629-62-9	22
5	Octadecane	254	C18H38	000593-45-3	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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

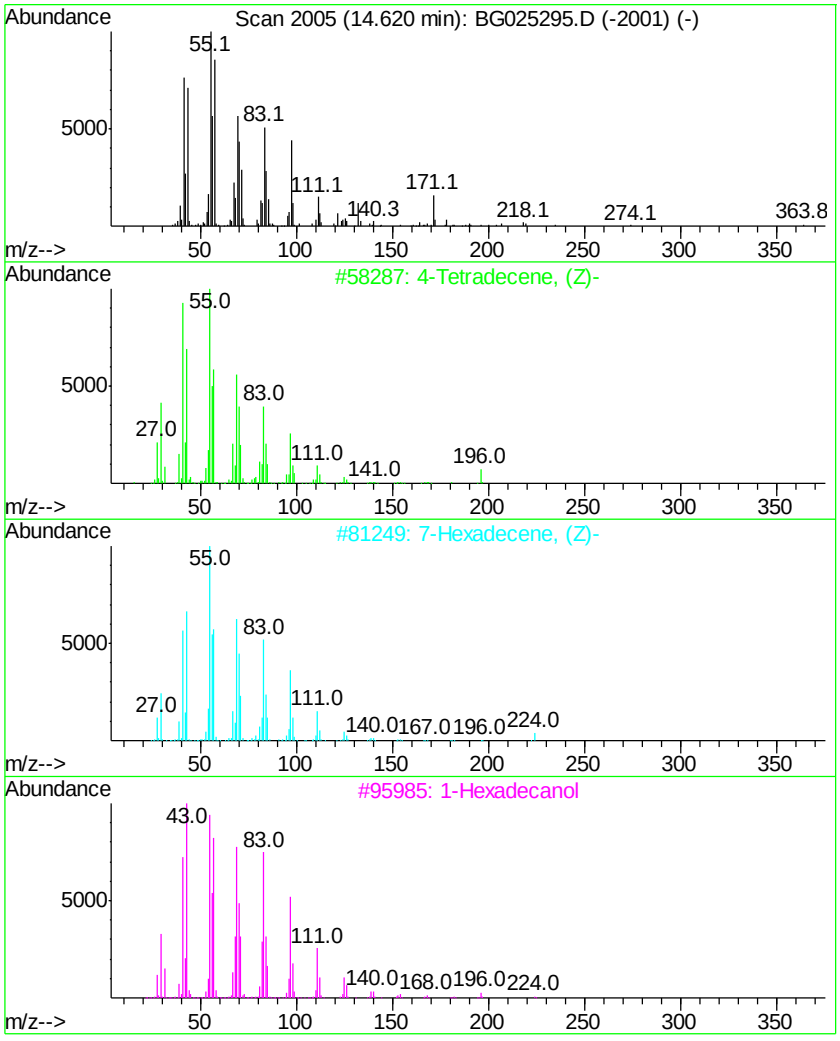
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

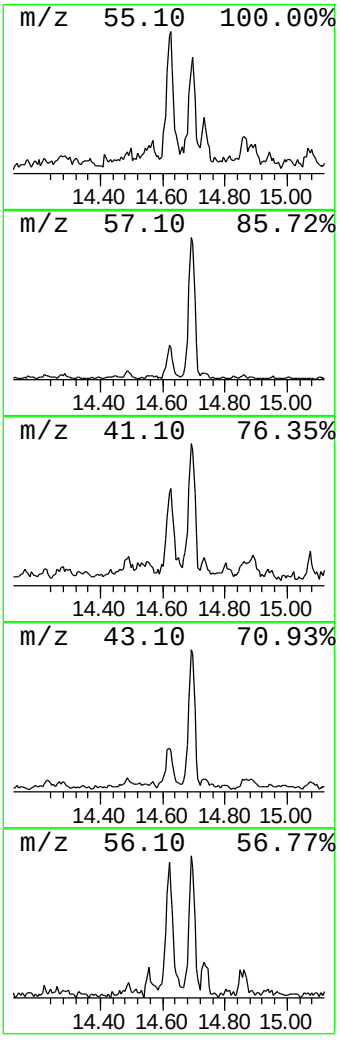
****

Peak Number 46 (DEL) Alkane: Cyclic14.62 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	4.93 ng/ul	290589	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Tetradecene, (Z)-	196	C14H28	041446-65-5	94
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	90
3	1-Hexadecanol	242	C16H34O	036653-82-4	87
4	1-Pentadecene	210	C15H30	013360-61-7	87
5	1-Tridecene	182	C13H26	002437-56-1	86





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Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

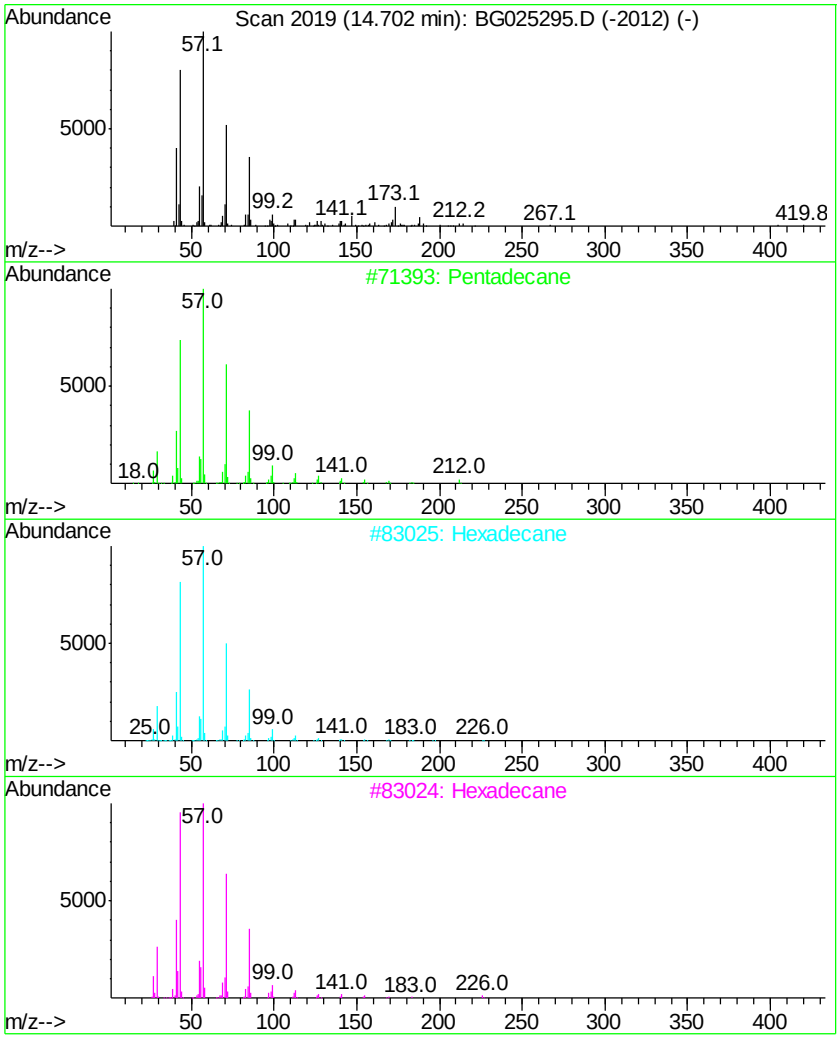
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

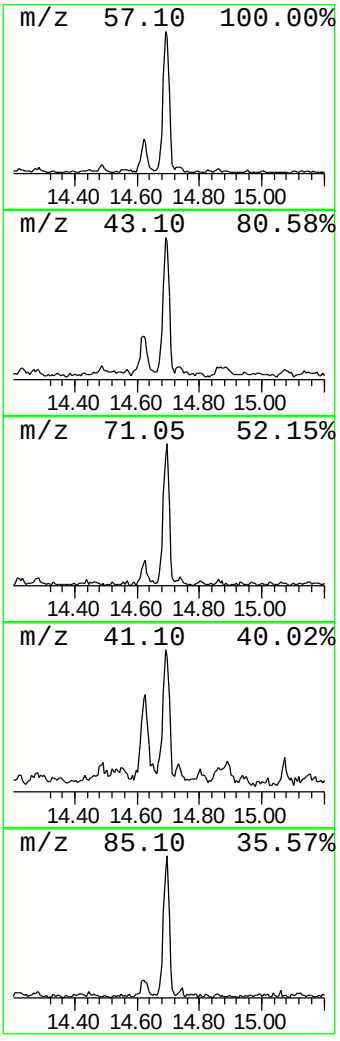
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	7.78 ng/ul	458303	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Tridecane	184	C13H28	000629-50-5	83





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Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

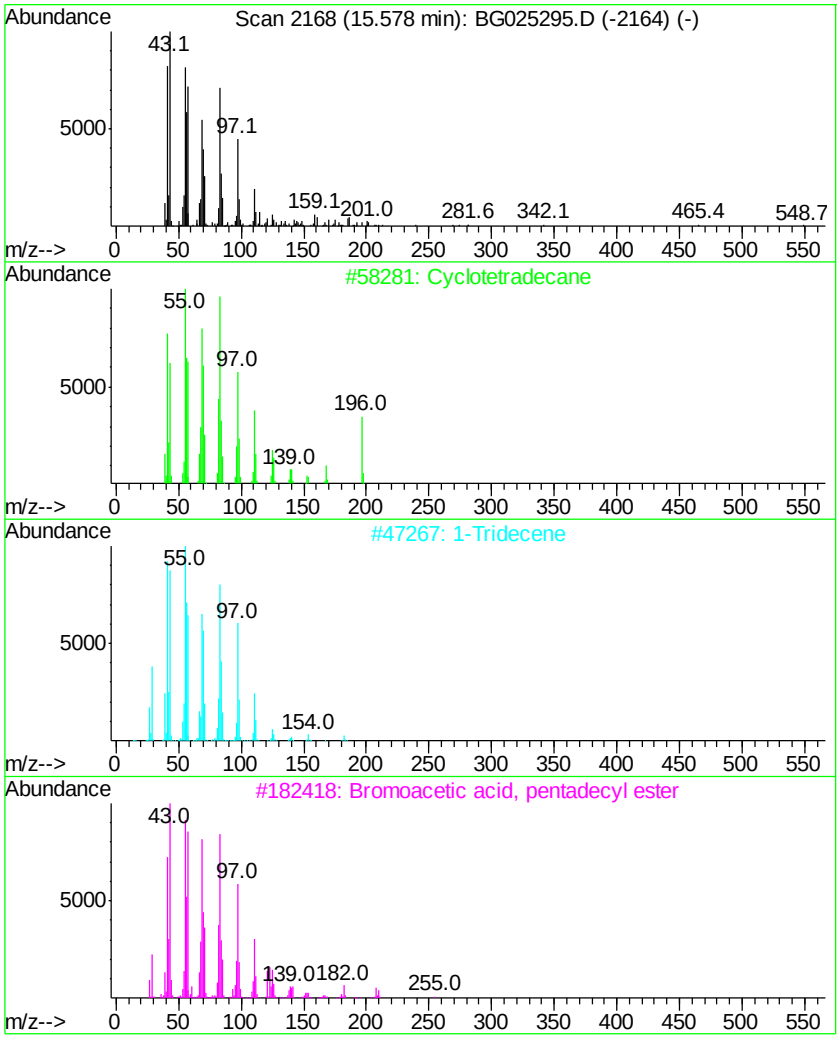
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

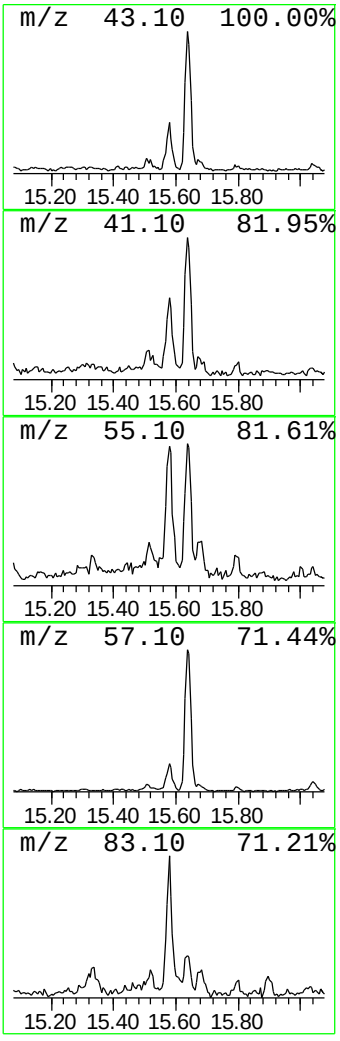
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Cyclic15.58 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	5.90 ng/ul	347864	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	1-Tridecene	182	C13H26	002437-56-1	90
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	83
4	1-Dodecene	168	C12H24	000112-41-4	80
5	Isoheptadecanol	256	C17H36O	057289-07-3	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

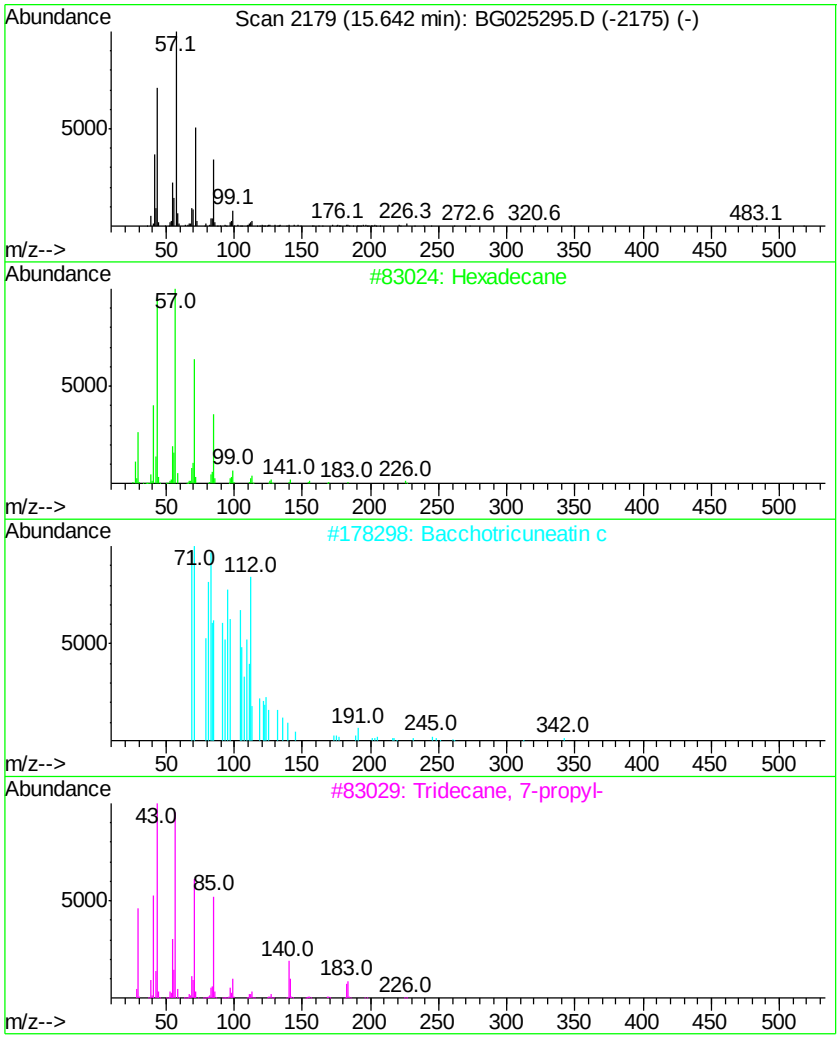
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

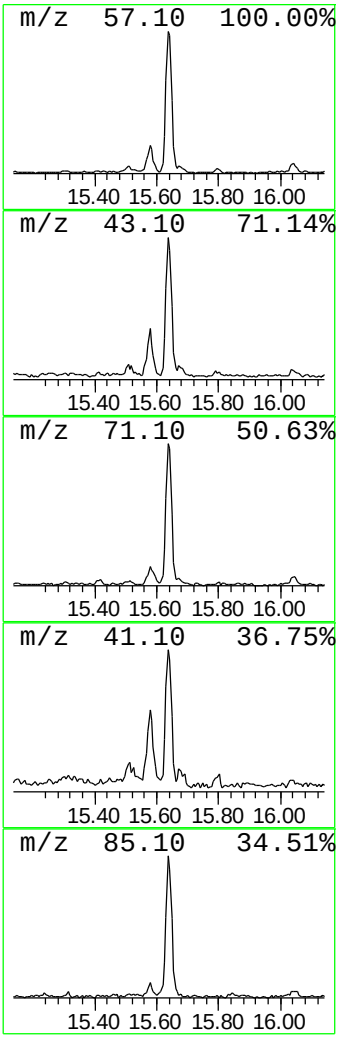
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	9.98 ng/ul	588004	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	90
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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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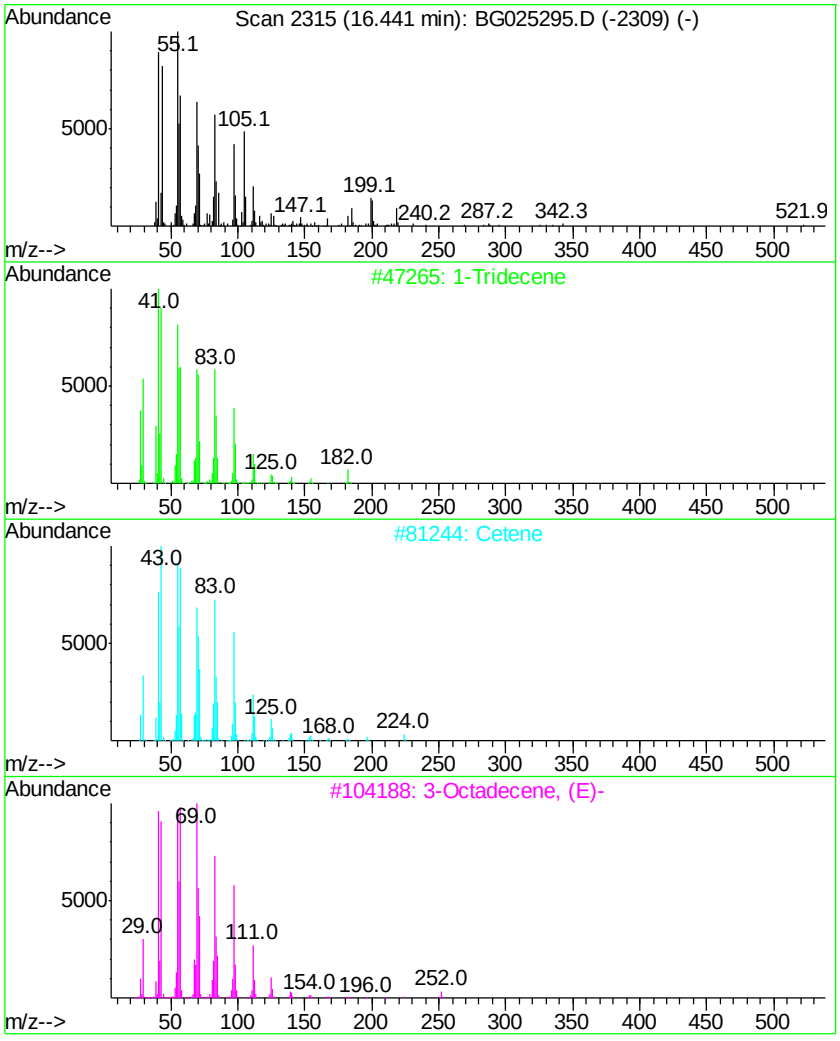
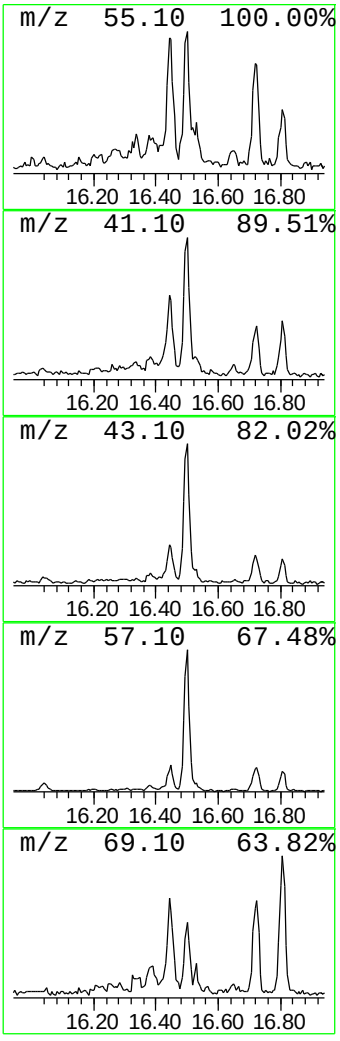
Peak Number 55 (DEL) Alkane: Cyclic16.44 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	7.25 ng/ul	462040	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	93
2	Cetene	224	C16H32	000629-73-2	87
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	87
4	1-Pentadecene	210	C15H30	013360-61-7	87
5	1-Octadecene	252	C18H36	000112-88-9	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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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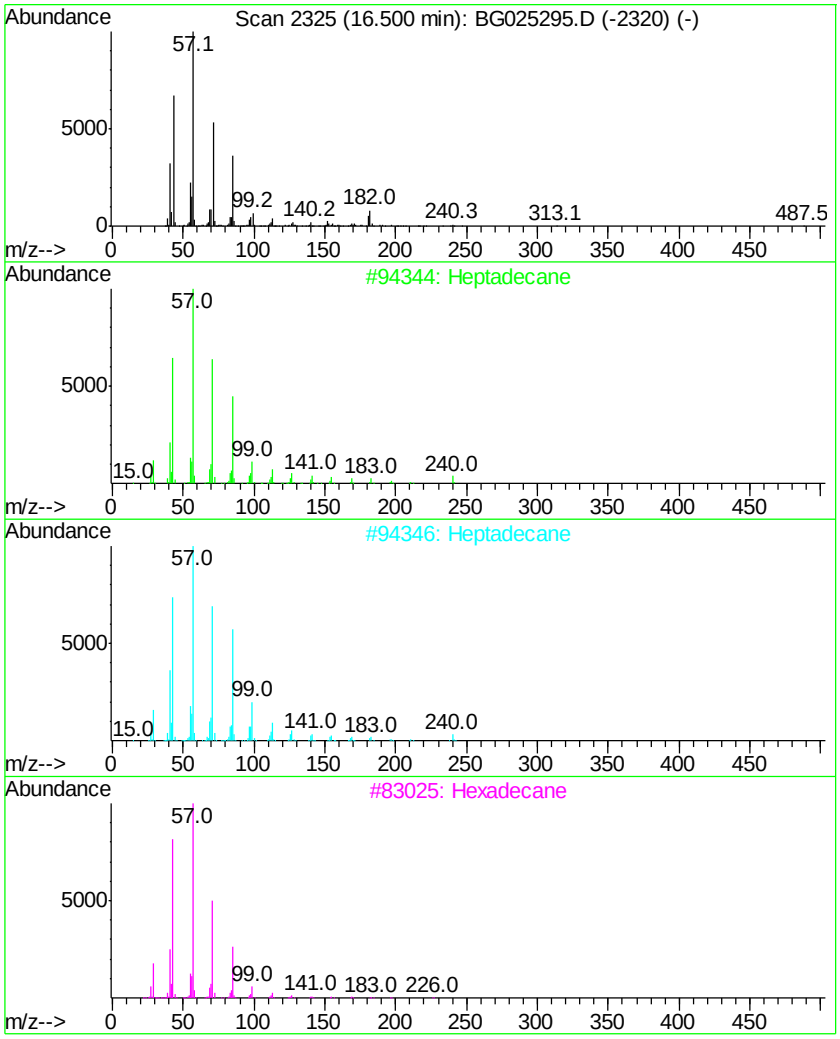
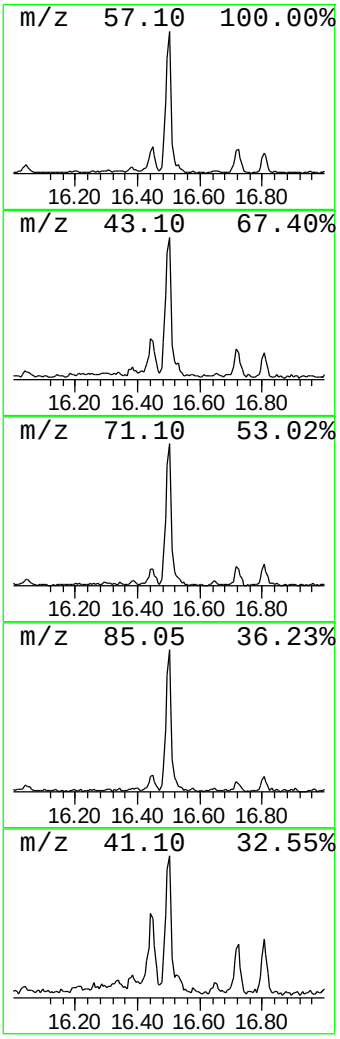
Peak Number 56 (DEL) Alkane: Branched16.50 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	12.44 ng/ul	792757	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Hexadecane	226	C16H34	000544-76-3	80
4	Undecane	156	C11H24	001120-21-4	72
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	72





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Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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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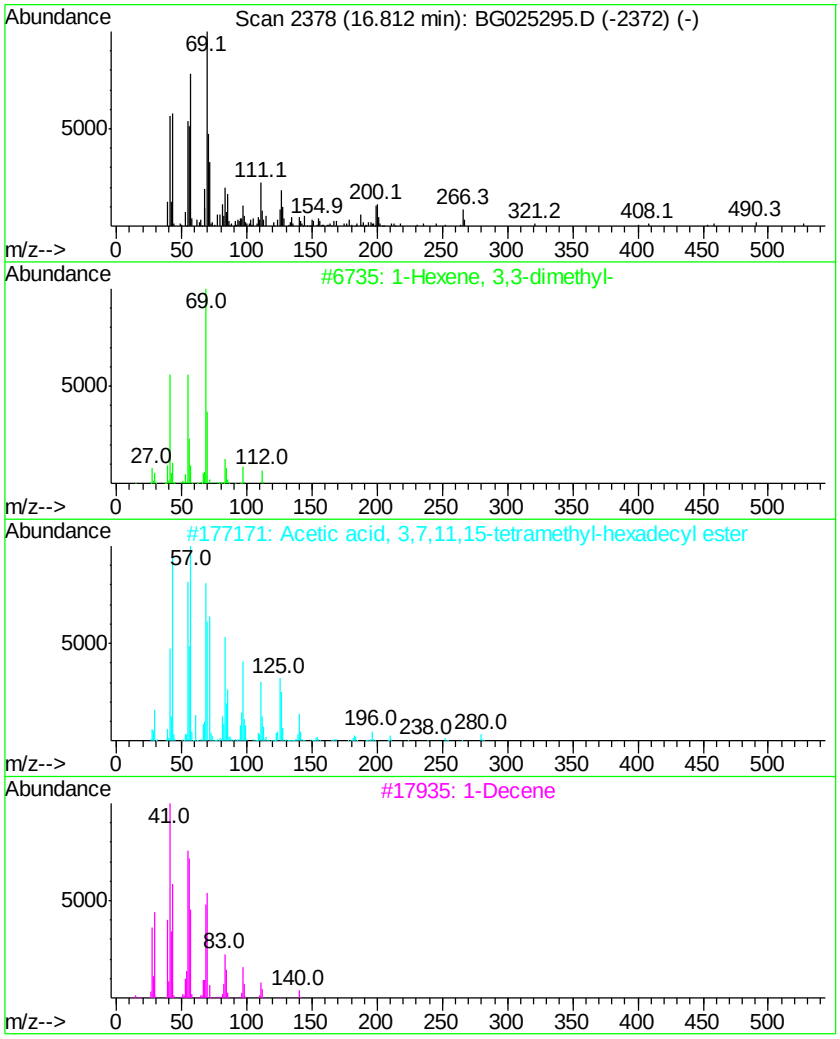
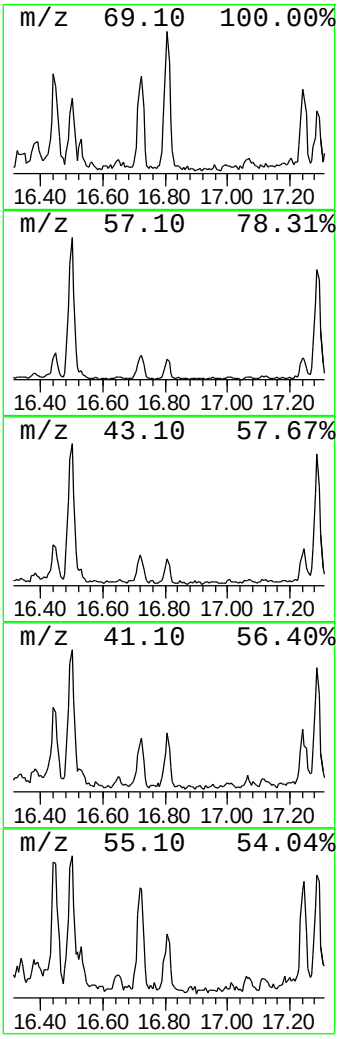
Peak Number 58 (DEL) Alkane: Cyclic16.81 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	4.89 ng/ul	311458	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
2	Acetic acid, 3,7,11,15-tetrameth...	340	C22H44O2	1000193-63-0	46
3	1-Decene	140	C10H20	000872-05-9	38
4	cis-2-Methyl-7-octadecene	266	C19H38	035354-39-3	38
5	Diisopropylcyanamide	126	C7H14N2	003085-76-5	30





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Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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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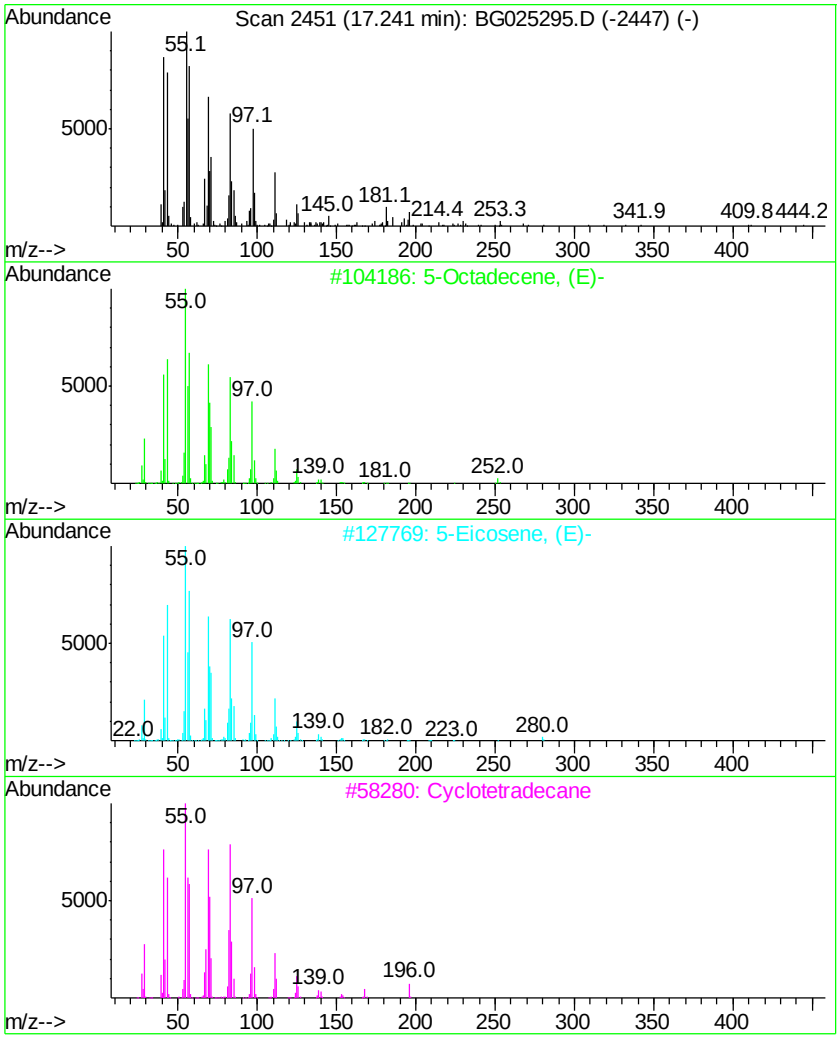
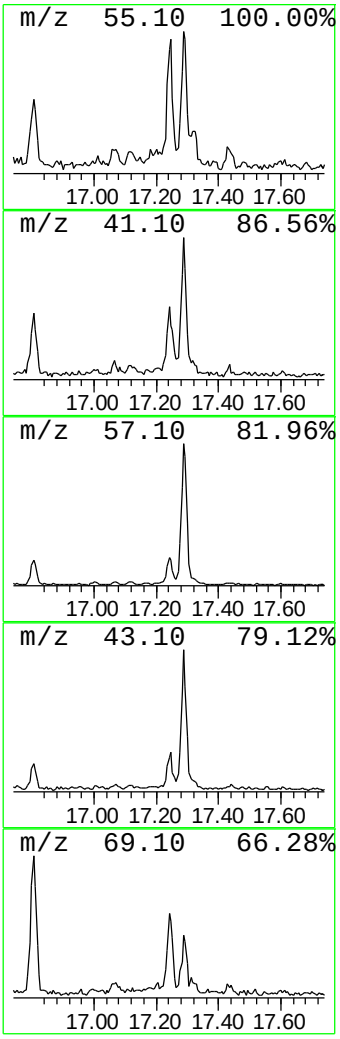
Peak Number 60 (DEL) Alkane: Cyclic17.24 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	4.24 ng/ul	270002	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
3	Cyclotetradecane	196	C14H28	000295-17-0	87
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81
5	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
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Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

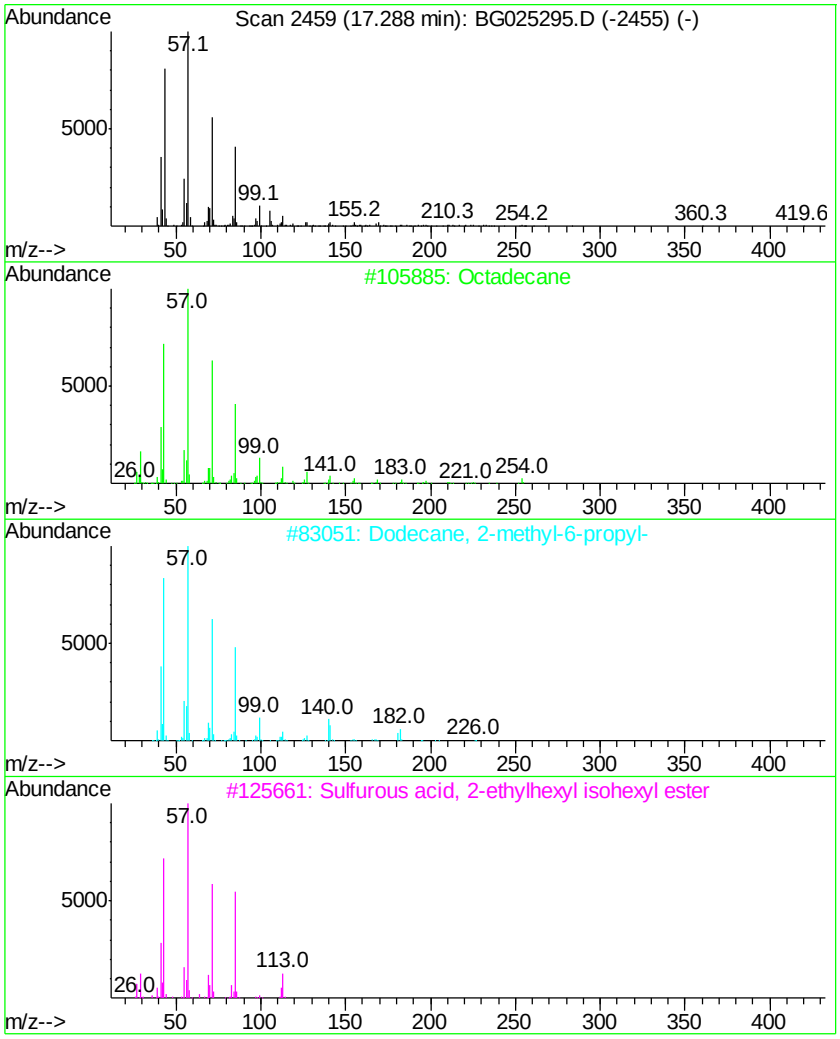
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

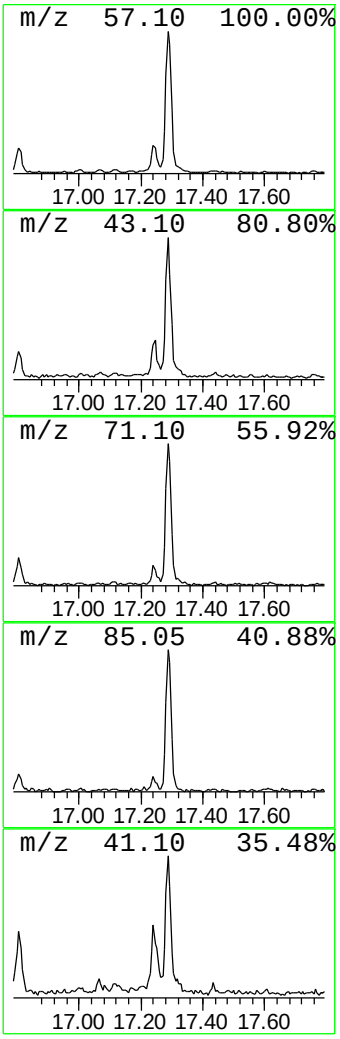
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	12.66 ng/ul	806954	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	86
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	83
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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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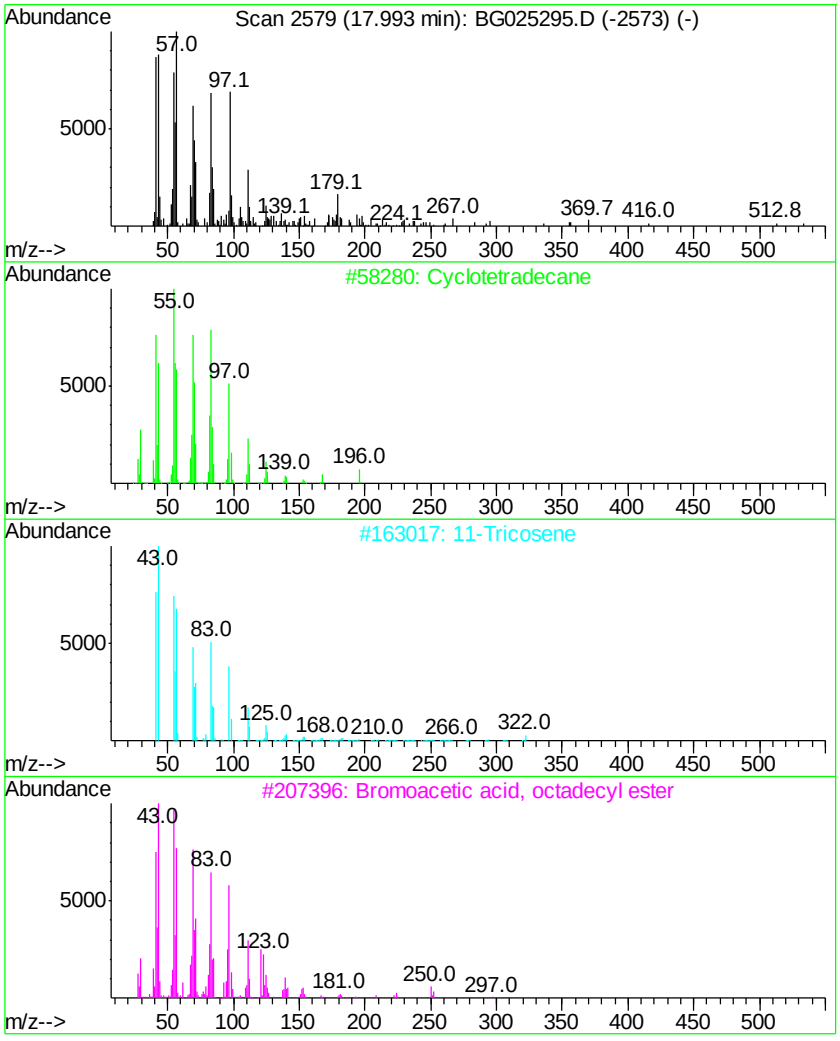
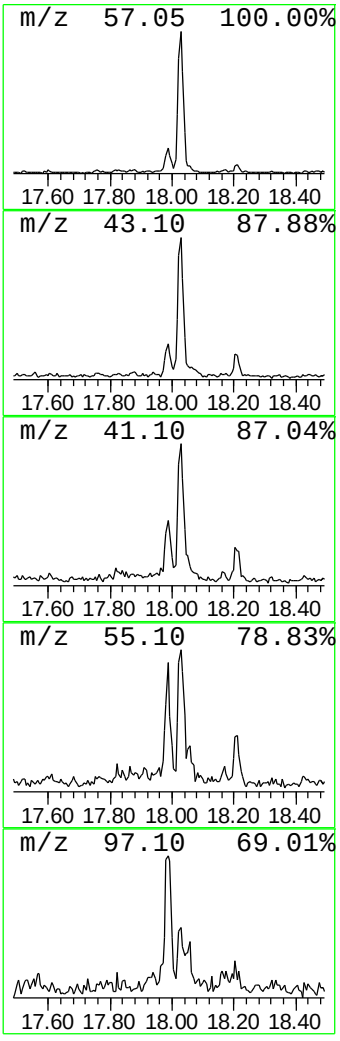
Peak Number 62 (DEL) Alkane: Cyclic17.99 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.96 ng/ul	188495	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	92
2	11-Tricosene	322	C23H46	052078-56-5	87
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	83
4	1-Docosene	308	C22H44	001599-67-3	83
5	1-Heptadecene	238	C17H34	006765-39-5	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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

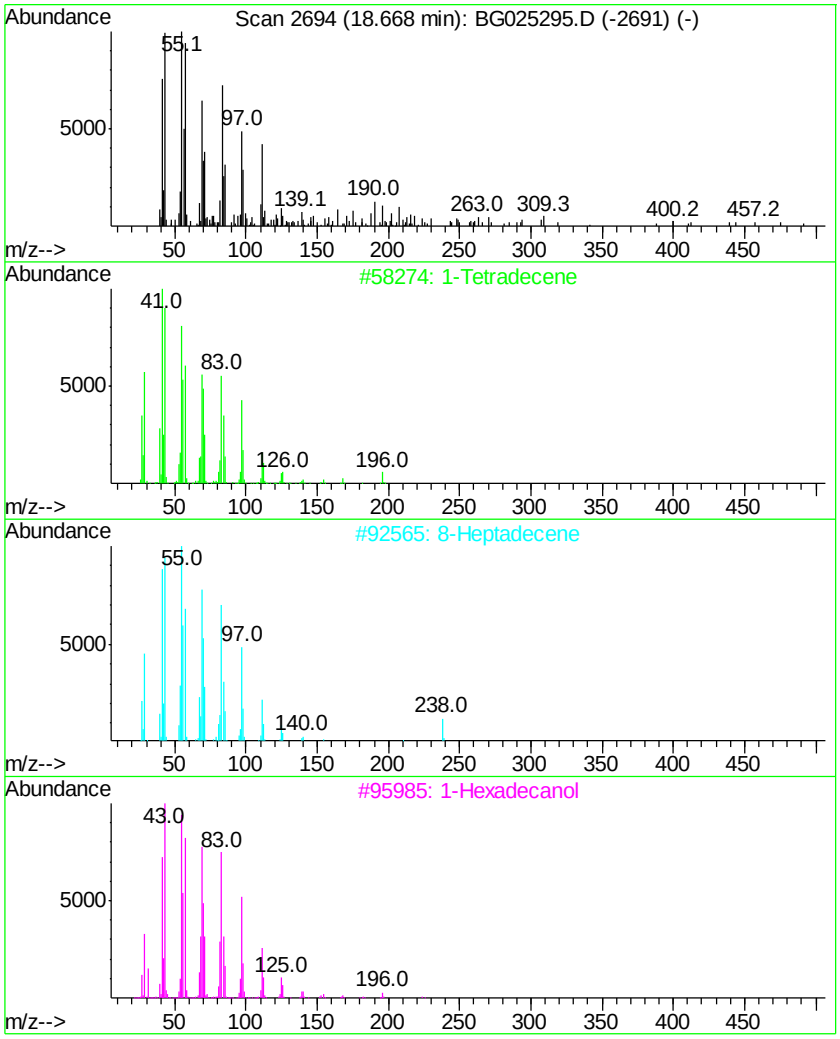
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

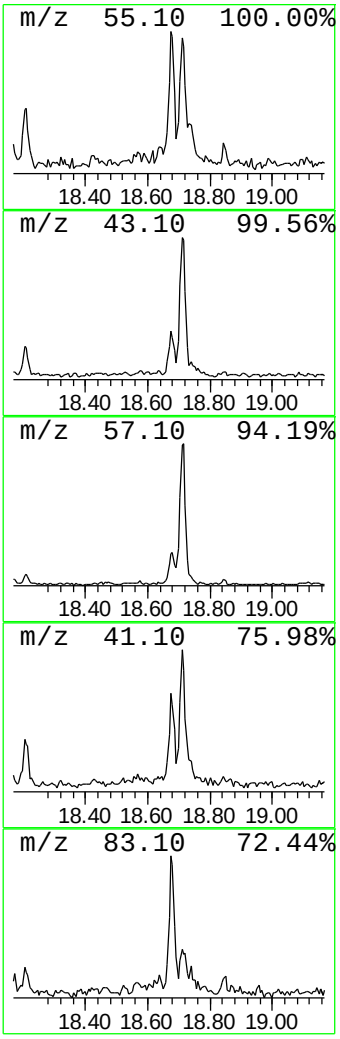
****

Peak Number 65 (DEL) Alkane: Cyclic18.67 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	3.23 ng/ul	205661	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	91
2	8-Heptadecene	238	C17H34	002579-04-6	90
3	1-Hexadecanol	242	C16H34O	036653-82-4	83
4	Cyclopentadecane	210	C15H30	000295-48-7	83
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

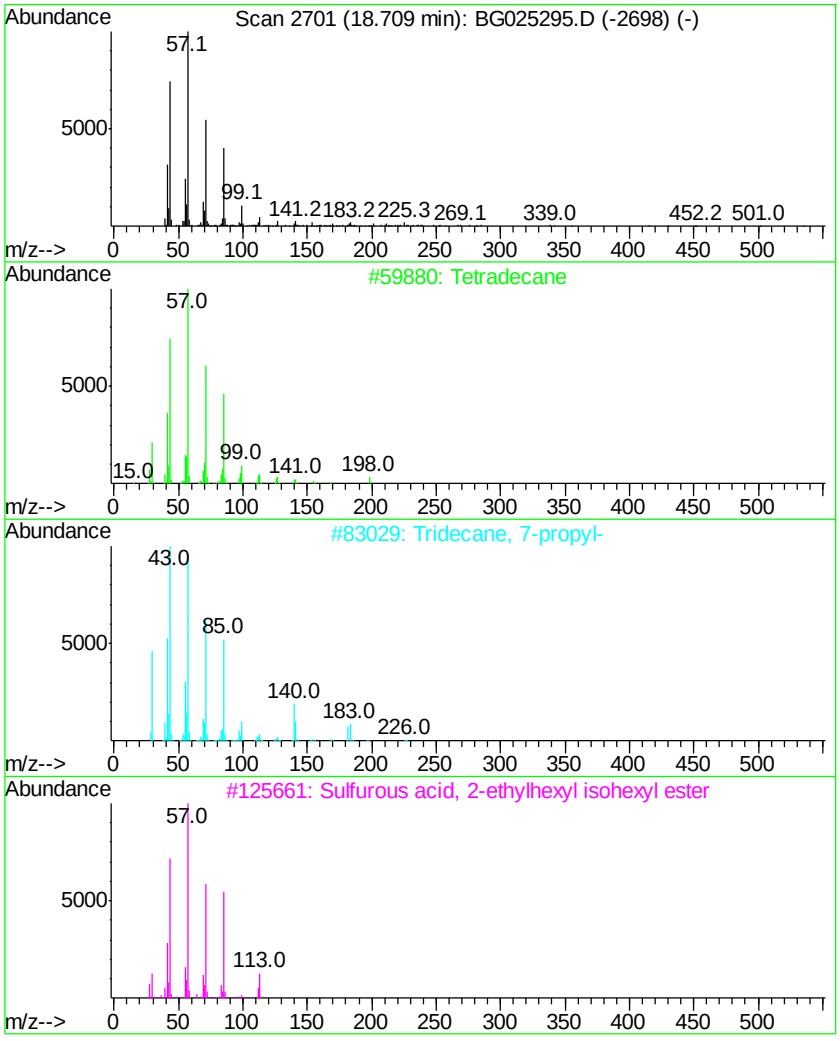
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

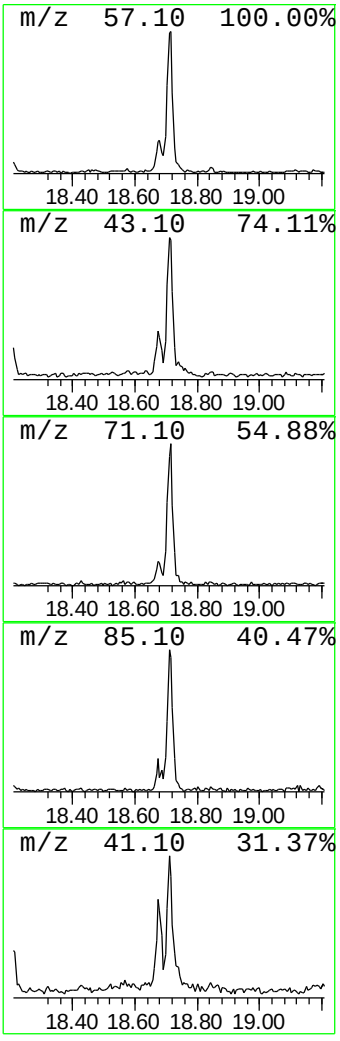
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	7.35 ng/ul	468405	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	78
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	64
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5	Octacosane	394	C28H58	000630-02-4	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

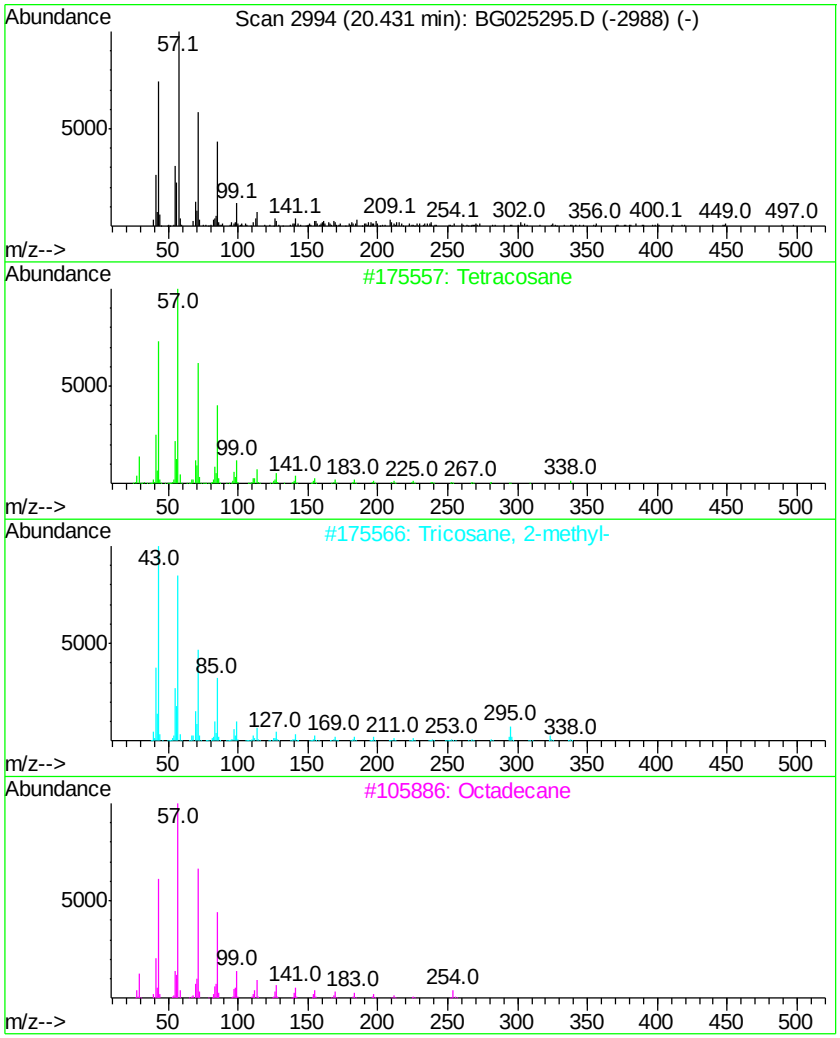
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

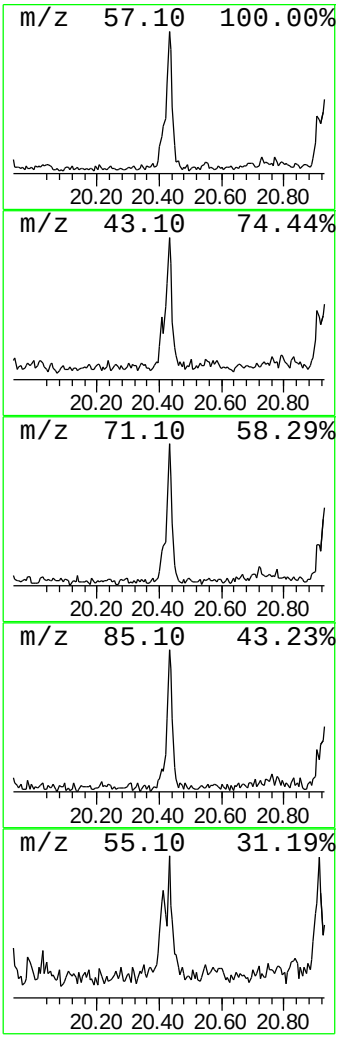
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	3.34 ng/ul	283565	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
3	Octadecane	254	C18H38	000593-45-3	83
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	80
5	Octadecane	254	C18H38	000593-45-3	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

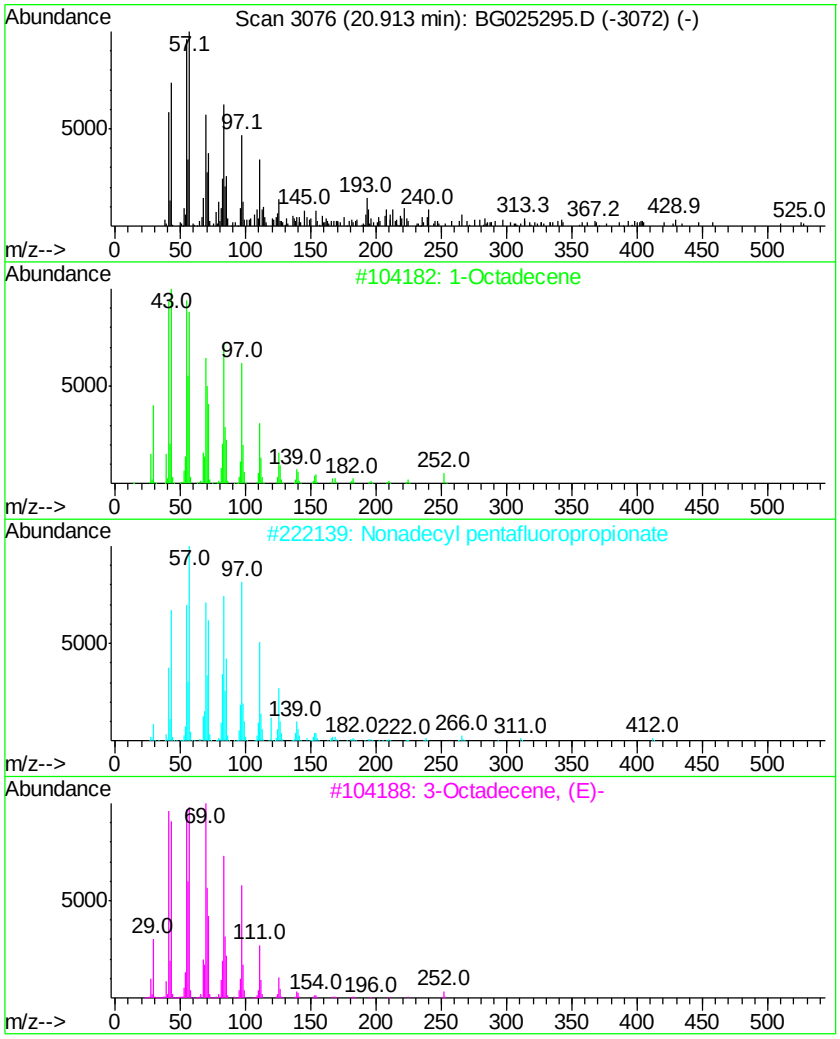
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

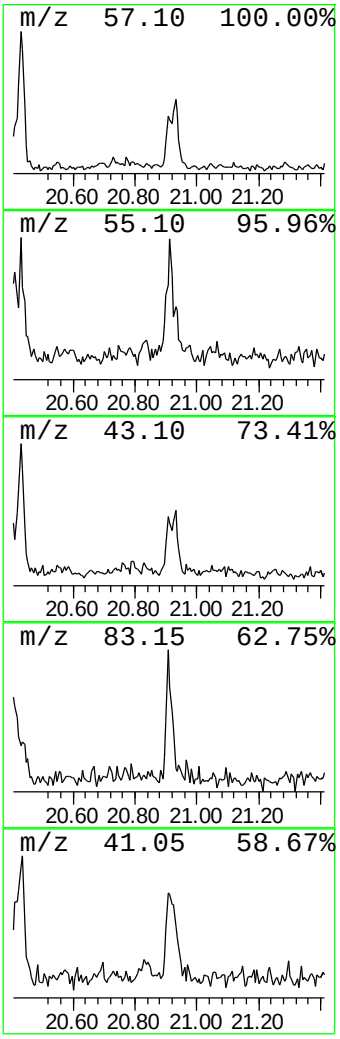
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 (DEL) Alkane: Cyclic20.91 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	2.47 ng/ul	209625	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	58
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	52
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	50
4	Fumaric acid, 2-chloroethyl octa...	430	C24H43ClO4	1000330-62-4	50
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025295.D
Acq On : 18 Dec 2016 4:41
Operator : UM/SJ
Sample : H5970-08DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA847DL

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-ethyl-...	7.86	5.7	ng/ul	144910	1	8.23	512250	20.0
2,4-Nonadiyne	8.34	3.4	ng/ul	87390	1	8.23	512250	20.0
1,2,3,4,5,8-Hexah...	8.86	3.6	ng/ul	93329	1	8.23	512250	20.0
Cinnamaldehyde, (E)-	9.59	3.4	ng/ul	86694	1	8.23	512250	20.0
Benzenemethanol, ...	9.71	4.5	ng/ul	154306	2	11.06	681176	20.0
Benzofuran, 2-met...	9.78	8.4	ng/ul	284627	2	11.06	681176	20.0
1H-Indene, 1-methyl-	10.46	10.4	ng/ul	354893	2	11.06	681176	20.0
unknown-01	10.88	4.0	ng/ul	135076	2	11.06	681176	20.0
(DEL) Alkane: Str...	10.97	2.5	ng/ul	85748	2	11.06	681176	20.0
Benzene, 1-methyl...	11.20	2.5	ng/ul	83465	2	11.06	681176	20.0
unknown-02	11.23	3.5	ng/ul	121032	2	11.06	681176	20.0
Benzofuran, 4,7-d...	11.29	18.6	ng/ul	633063	2	11.06	681176	20.0
1H-Benzimidazole,...	11.42	14.6	ng/ul	497838	2	11.06	681176	20.0
Cinnoline, 1,2-di...	11.46	27.3	ng/ul	930619	2	11.06	681176	20.0
3-Buten-2-one, 4-...	11.52	8.1	ng/ul	275595	2	11.06	681176	20.0
1,2-Dimethylbenzi...	11.64	2.3	ng/ul	78921	2	11.06	681176	20.0
Benzene, (2-methy...	11.81	3.9	ng/ul	132758	2	11.06	681176	20.0
Phenol, 3-propyl-	11.87	11.3	ng/ul	383068	2	11.06	681176	20.0
Benzene, 1-(2-but...	12.09	5.3	ng/ul	179472	2	11.06	681176	20.0
1H-Indene, 4,7-di...	12.14	3.0	ng/ul	102730	2	11.06	681176	20.0
(1-Methylbuta-1,3...	12.19	3.2	ng/ul	108968	2	11.06	681176	20.0
Ethanone, 1-[4-(1...	12.36	3.7	ng/ul	125215	2	11.06	681176	20.0
unknown-03	12.41	7.6	ng/ul	258873	2	11.06	681176	20.0
1H-Pyrrolo[2,3-b]...	12.59	13.3	ng/ul	451642	2	11.06	681176	20.0
2-Methyl-6-propyl...	12.82	8.6	ng/ul	293430	2	11.06	681176	20.0
2,5,6-Trimethylbe...	13.00	8.3	ng/ul	487964	3	14.86	1178820	20.0
Benzeneethanamine...	13.05	3.9	ng/ul	226675	3	14.86	1178820	20.0
Benzene, 1,2,4-tr...	13.09	5.9	ng/ul	350385	3	14.86	1178820	20.0
(DEL) Alkane: Cyc...	13.54	6.0	ng/ul	353342	3	14.86	1178820	20.0
(DEL) Alkane: Str...	13.63	5.5	ng/ul	324682	3	14.86	1178820	20.0
(DEL) Alkane: Cyc...	14.62	4.9	ng/ul	290589	3	14.86	1178820	20.0
(DEL) Alkane: Str...	14.70	7.8	ng/ul	458303	3	14.86	1178820	20.0
(DEL) Alkane: Cyc...	15.58	5.9	ng/ul	347864	3	14.86	1178820	20.0
(DEL) Alkane: Str...	15.64	10.0	ng/ul	588004	3	14.86	1178820	20.0
(DEL) Alkane: Cyc...	16.44	7.3	ng/ul	462040	4	17.60	1274330	20.0
(DEL) Alkane: Bra...	16.50	12.4	ng/ul	792757	4	17.60	1274330	20.0
(DEL) Alkane: Cyc...	16.81	4.9	ng/ul	311458	4	17.60	1274330	20.0
(DEL) Alkane: Cyc...	17.24	4.2	ng/ul	270002	4	17.60	1274330	20.0
(DEL) Alkane: Str...	17.29	12.7	ng/ul	806954	4	17.60	1274330	20.0
(DEL) Alkane: Cyc...	17.99	3.0	ng/ul	188495	4	17.60	1274330	20.0
(DEL) Alkane: Cyc...	18.67	3.2	ng/ul	205661	4	17.60	1274330	20.0
(DEL) Alkane: Str...	18.71	7.3	ng/ul	468405	4	17.60	1274330	20.0
(DEL) Alkane: Str...	20.43	3.3	ng/ul	283565	5	21.89	1696680	20.0
(DEL) Alkane: Cyc...	20.91	2.5	ng/ul	209625	5	21.89	1696680	20.0