LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.348	250	257	272	rBV	562175	994385	11.25%	0.822%
2	4.683	302	314	324	rVB	249710	458529	5.19%	0.379%
3	5.700	478	487	494	rBV	438613	763082	8.64%	0.631%
4	5.829	501	509	521	rBV	801323	1922271	21.76%	1.589%
5	6.211	565	574	580	rVV2	569237	1320850	14.95%	1.092%
6	7.292	752	758	763	rBV2	362078	616236	6.97%	0.509%
7	7.356	763	769	772	rVV	220656	404063	4.57%	0.334%
8	7.398	772	776	778	rVV	329699	585491	6.63%	0.484%
9	7.421	778	780	793	rVB2	415146	740312	8.38%	0.612%
10	7.550	793	802	806	rBV2	252740	508227	5.75%	0.420%
11	7.603	806	811	818	rVV2	274489	658478	7.45%	0.544%
12	7.762	833	838	842	rVV2	294101	570833	6.46%	0.472%
13	7.862	850	855	864	rVB	582204	1059603	11.99%	0.876%
14	7.950	864	870	877	rBV2	422368	746076	8.44%	0.617%
15	8.232	910	918	925	rVB2	306746	614940	6.96%	0.508%
16	8.338	926	936	942	rBV3	286917	548617	6.21%	0.453%
17	8.537	959	970	975	rVB2	280790	572547	6.48%	0.473%
18	8.602	975	981	987	rBV	195828	404119	4.57%	0.334%
19	8.678	987	994	1002	rVV	855497	1630099	18.45%	1.347%
20	8.767	1002	1009	1015	rVB5	225775	481728	5.45%	0.398%
21	8.861	1016	1025	1028	rBV2	266322	529502	5.99%	0.438%
22	8.949	1035	1040	1045	rVB	338206	551858	6.25%	0.456%
23	9.019	1045	1052	1070	rVB	2605188	5256488	59.50%	4.345%
24	9.295	1094	1099	1102	rBV3	212303	419506	4.75%	0.347%
25	9.419	1115	1120	1128	rVB2	694279	1215283	13.76%	1.005%
26	9.665	1155	1162	1166	rBV	899552	1632473	18.48%	1.349%
27	9.712	1167	1170	1176	rVV2	426876	833040	9.43%	0.689%
28	9.783	1176	1182	1191	rVB	1081915	1978982	22.40%	1.636%
29	10.012	1215	1221	1235	rBV	455174	957674	10.84%	0.792%
30	10.141	1236	1243	1250	rBV4	346949	766570	8.68%	0.634%
31	10.224	1250	1257	1260	rBV	1825257	3530214	39.96%	2.918%
32	10.506	1287	1305	1308	rBV	3380927	8835100	100.00%	7.303%
33	10.541	1309	1311	1320	rVV	2584695	3558516	40.28%	2.941%
34	10.688	1329	1336	1343	rBV2	1089342	1996269	22.59%	1.650%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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	10.876	1359	1368	1372	rBV3	426373	1109167	12.55%	0.917%
36	10.929	1372	1377	1382	rVV2	711253	1344837	15.22%	1.112%
37	10.976	1382	1385	1391	rVB2	261773	404561	4.58%	0.334%
38	11.064	1394	1400	1404	rBV	286791	460468	5.21%	0.381%
39	11.111	1404	1408	1417	rVB	407149	744757	8.43%	0.616%
40	11.199	1417	1423	1434	rBV2	934022	1741498	19.71%	1.440%
41	11.293	1434	1439	1453	rVB4	373952	1320502	14.95%	1.092%
42	11.416	1453	1460	1464	rBV2	731894	1473564	16.68%	1.218%
43	11.463	1464	1468	1472	rBV	482866	705466	7.98%	0.583%
44	11.587	1483	1489	1494	rBV	988132	1659349	18.78%	1.372%
45	11.651	1494	1500	1507	rVB3	392500	1071372	12.13%	0.886%
46	11.881	1532	1539	1549	rVV2	3902021	7527124	85.20%	6.222%
47	12.069	1564	1571	1576	rBV3	614402	1284835	14.54%	1.062%
48	12.121	1576	1580	1585	rVV	634886	1014190	11.48%	0.838%
49	12.239	1595	1600	1608	rVB4	219988	532492	6.03%	0.440%
50	12.409	1624	1629	1631	rBV2	381963	547131	6.19%	0.452%
51	12.439	1632	1634	1642	rVB3	404452	648030	7.33%	0.536%
52	12.703	1673	1679	1682	rBV	570897	1000162	11.32%	0.827%
53	12.738	1682	1685	1688	rVV2	299333	430133	4.87%	0.356%
54	12.821	1695	1699	1710	rVB2	424797	1163057	13.16%	0.961%
55	12.920	1710	1716	1720	rVB2	394003	625638	7.08%	0.517%
56	13.050	1734	1738	1742	rBV	508743	781303	8.84%	0.646%
57	13.208	1760	1765	1768	rBV3	306090	477017	5.40%	0.394%
58	13.267	1769	1775	1780	rVV4	398139	1009044	11.42%	0.834%
59	13.326	1780	1785	1800	rVB6	458756	1410609	15.97%	1.166%
60	13.549	1815	1823	1831	rBV5	301681	1004212	11.37%	0.830%
61	13.631	1832	1837	1843	rVB2	421621	724839	8.20%	0.599%
62	13.996	1894	1899	1904	rBV2	627182	1197573	13.55%	0.990%
63	14.043	1904	1907	1913	rVB6	345820	555594	6.29%	0.459%
64	14.178	1925	1930	1934	rBV4	368138	668149	7.56%	0.552%
65	14.254	1934	1943	1947	rVB2	753217	1882898	21.31%	1.556%
66	14.366	1954	1962	1967	rBV2	829576	1716888	19.43%	1.419%
67	14.554	1988	1994	2001	rVB	784923	1401347	15.86%	1.158%
68	14.695	2013	2018	2029	rVB3	417399	787966	8.92%	0.651%
69	14.859	2040	2046	2054	rBV2	667113	1454728	16.47%	1.202%
70	14.953	2060	2062	2068	rVB2	443673	548508	6.21%	0.453%
71	15.042	2074	2077	2081	rVV2	292107	466283	5.28%	0.385%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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	15.089	2081	2085	2090	rVB3	424344	737512	8.35%	0.610%
73	15.147	2091	2095	2104	rVB3	344142	622983	7.05%	0.515%
74	15.230	2104	2109	2113	rBV5	336739	579170	6.56%	0.479%
75	15.282	2113	2118	2123	rBV	1374315	2225676	25.19%	1.840%
76	15.641	2176	2179	2183	rVB	390586	508815	5.76%	0.421%
77	15.764	2193	2200	2208	rBV	126207	430222	4.87%	0.356%
78	15.846	2208	2214	2218	rBV	952967	1472108	16.66%	1.217%
79	15.982	2232	2237	2243	rBV3	451404	717137	8.12%	0.593%
80	16.105	2253	2258	2270	rVB6	181062	437411	4.95%	0.362%
81	16.446	2310	2316	2321	rBV7	388171	640725	7.25%	0.530%
82	16.499	2321	2325	2340	rVB5	445060	1008704	11.42%	0.834%
83	16.898	2386	2393	2398	rBV9	225726	541963	6.13%	0.448%
84	17.063	2416	2421	2427	rBV8	297738	570414	6.46%	0.472%
85	17.603	2507	2513	2518	rBV2	797591	1251010	14.16%	1.034%
86	17.703	2524	2530	2539	rBV2	1104108	2237642	25.33%	1.850%
87	18.026	2582	2585	2591	rVB2	348945	490605	5.55%	0.406%
88	18.438	2650	2655	2663	rBV2	861504	1302112	14.74%	1.076%
89	19.583	2847	2850	2863	rVB10	230454	572699	6.48%	0.473%
90	19.807	2884	2888	2894	rBV	444838	797285	9.02%	0.659%
91	19.906	2903	2905	2911	rVB	431674	478959	5.42%	0.396%
92	19.977	2911	2917	2929	rVB	1566026	2560071	28.98%	2.116%
93	20.435	2988	2995	3002	rBV2	368440	796255	9.01%	0.658%
94	20.911	3072	3076	3094	rVB3	516037	1289078	14.59%	1.066%
95	21.458	3165	3169	3179	rVB2	372363	656719	7.43%	0.543%
96	21.898	3238	3244	3252	rVB	976583	1721948	19.49%	1.423%
97	22.862	3405	3408	3424	rVB2	286803	610386	6.91%	0.505%
98	25.089	3777	3787	3797	rVB2	844123	2451811	27.75%	2.027%
99	25.324	3818	3827	3839	rVB	559743	1713195	19.39%	1.416%
100	27.174	4135	4142	4160	rVB8	265152	996488	11.28%	0.824%

Sum of corrected areas: 120976355

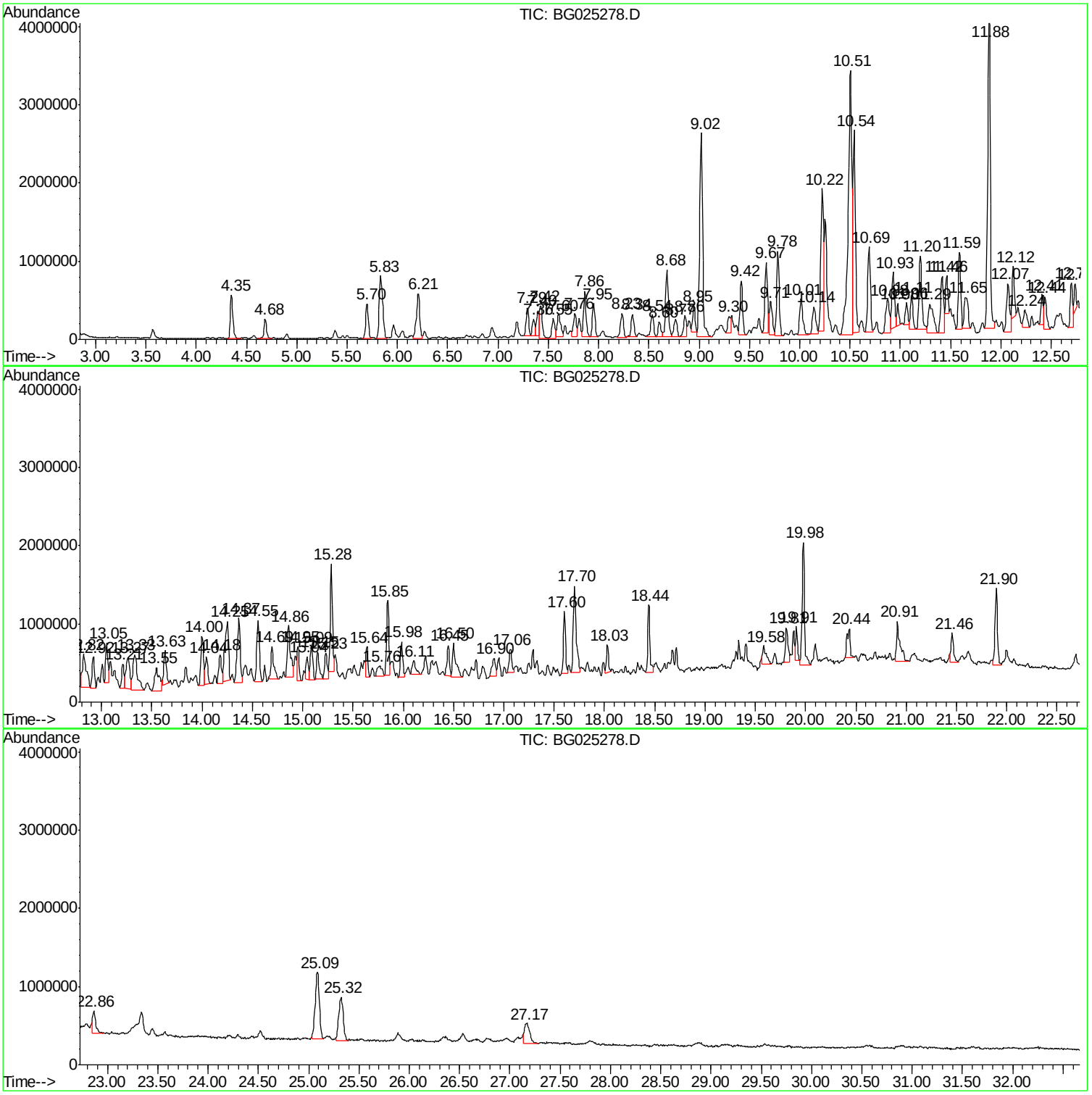
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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 : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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

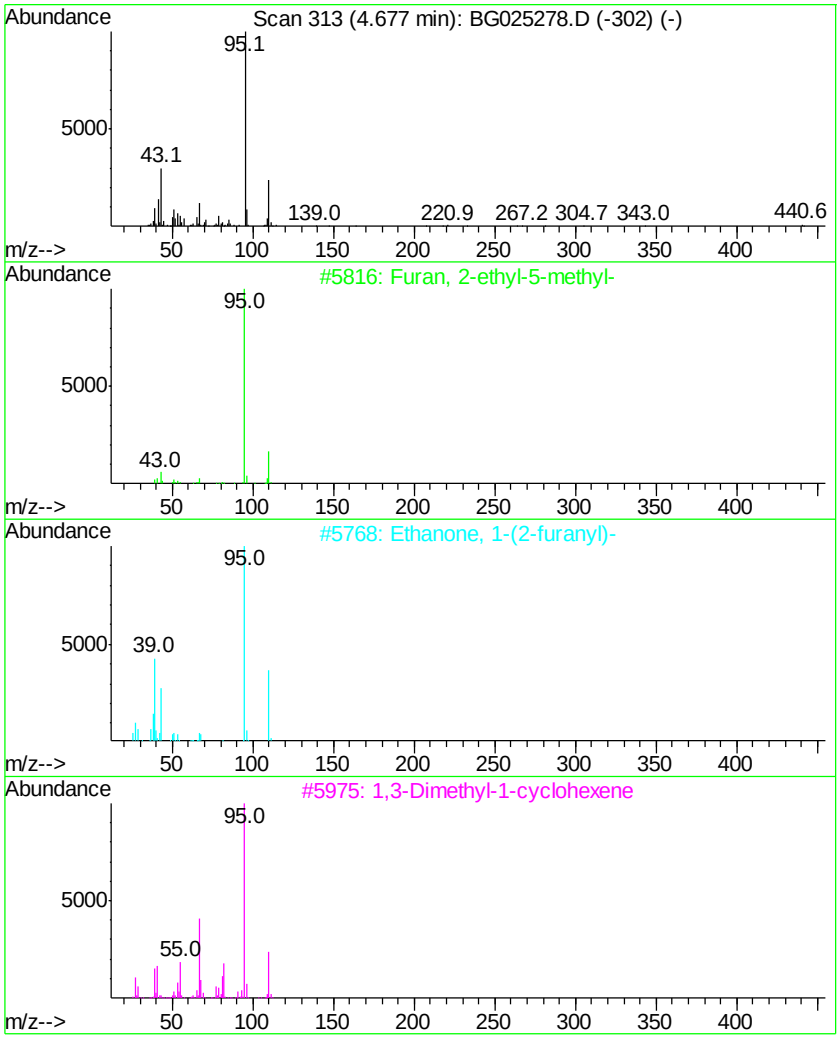
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

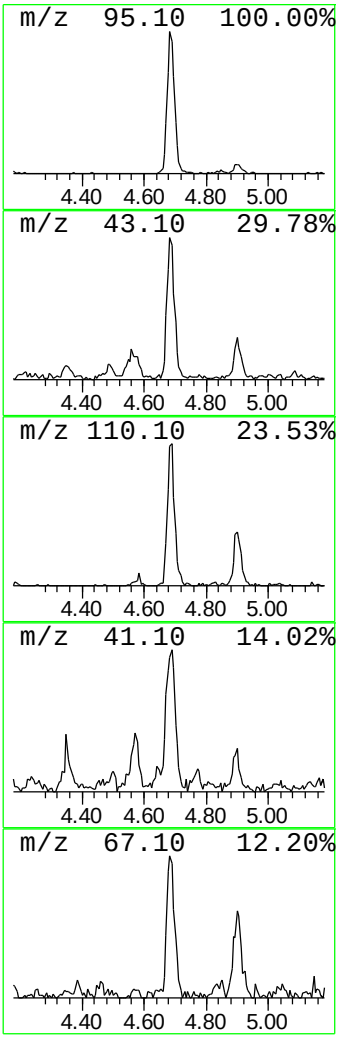
****

Peak Number 2 Furan, 2-ethyl-5-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	14.91 ng/ul	458529	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	87
2	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	78
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72
4	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	72
5	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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

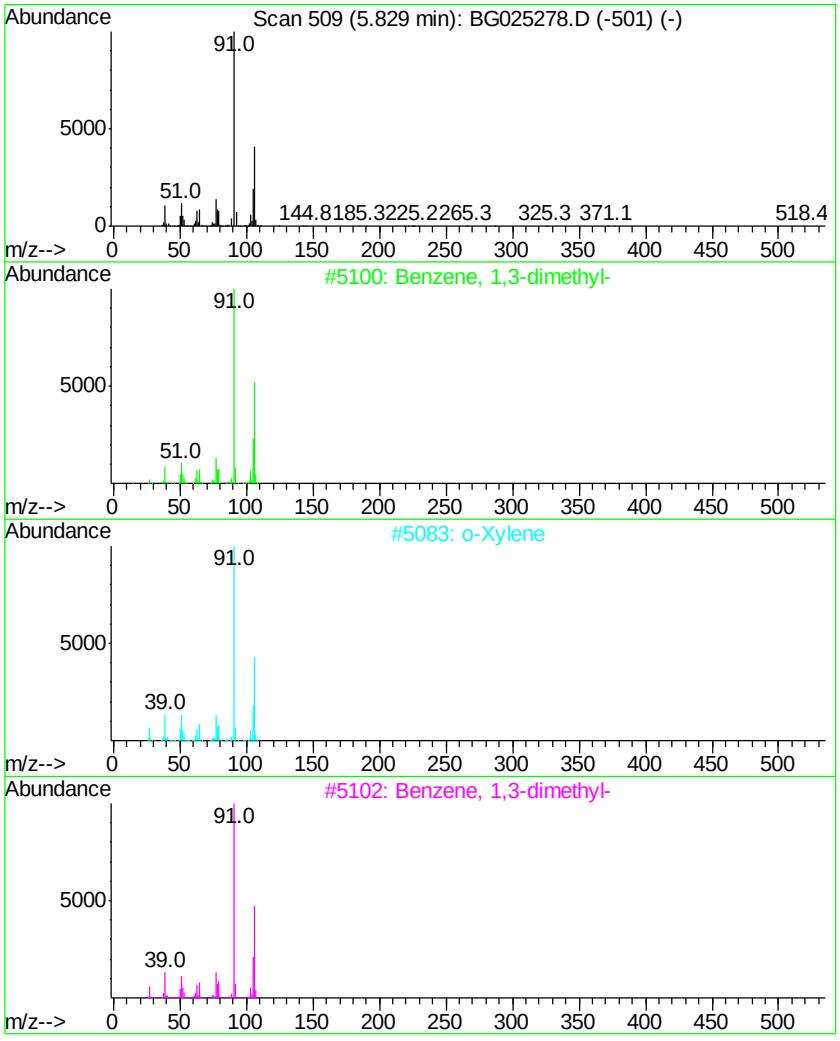
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

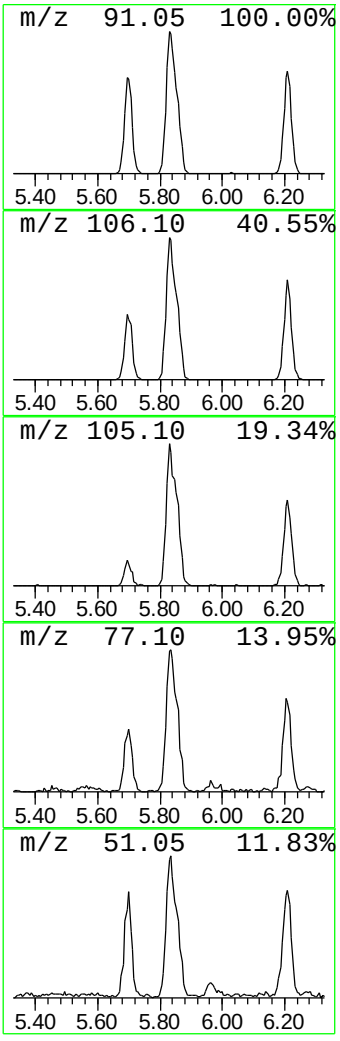
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	62.52 ng/ul	1922270	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	o-Xylene	106	C8H10	000095-47-6	97
5	p-Xylene	106	C8H10	000106-42-3	95





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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

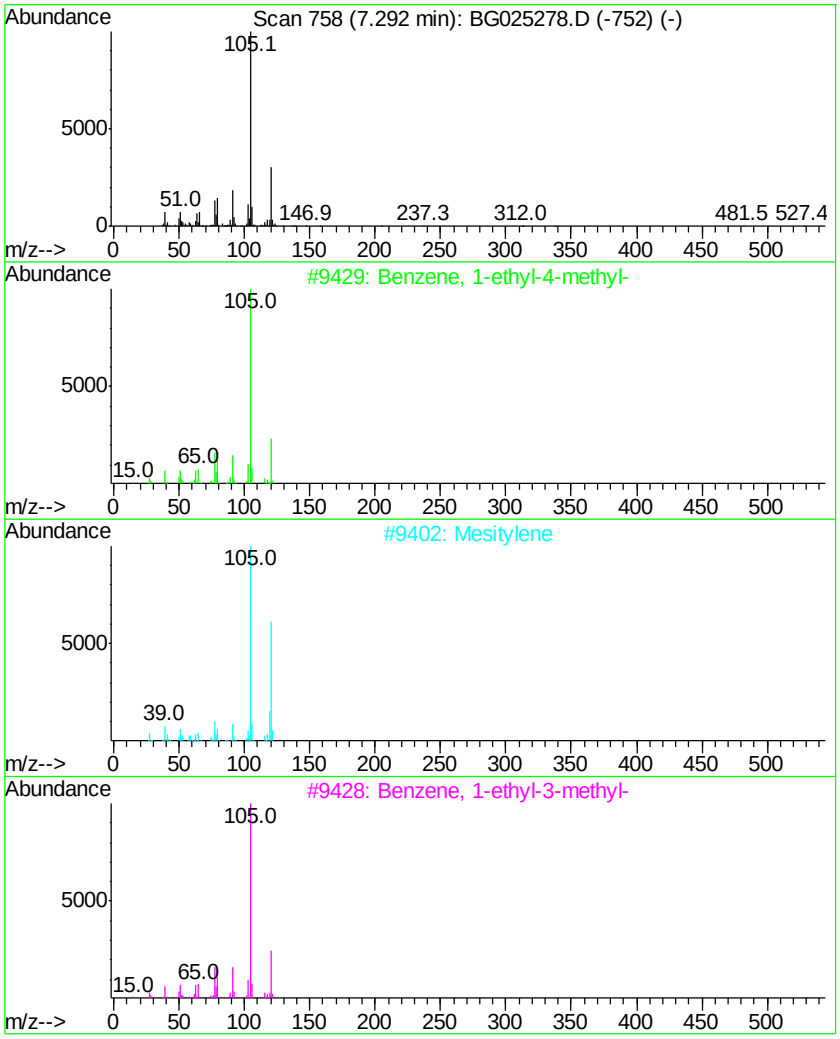
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

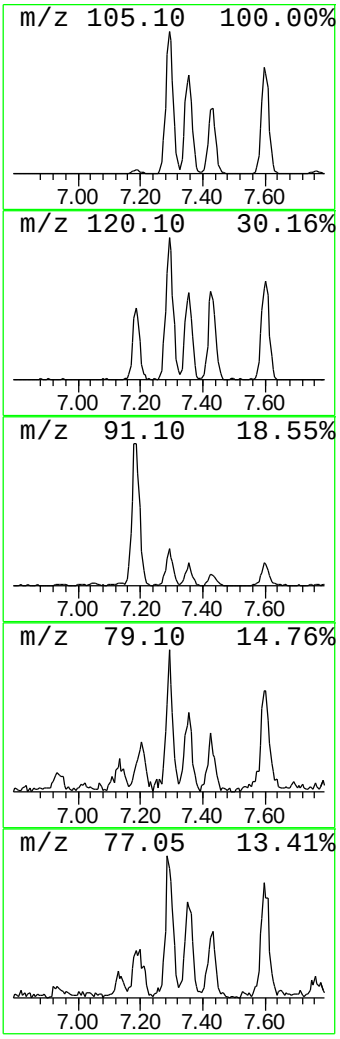
****

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	20.04 ng/ul	616236	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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

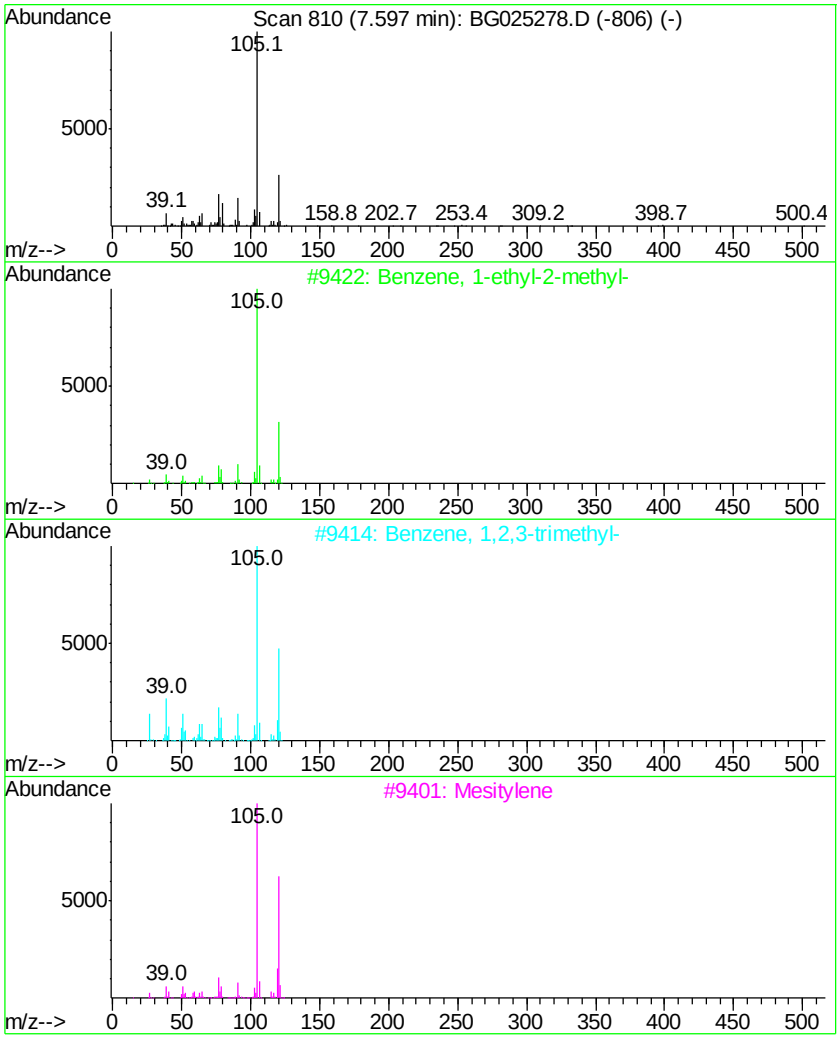
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

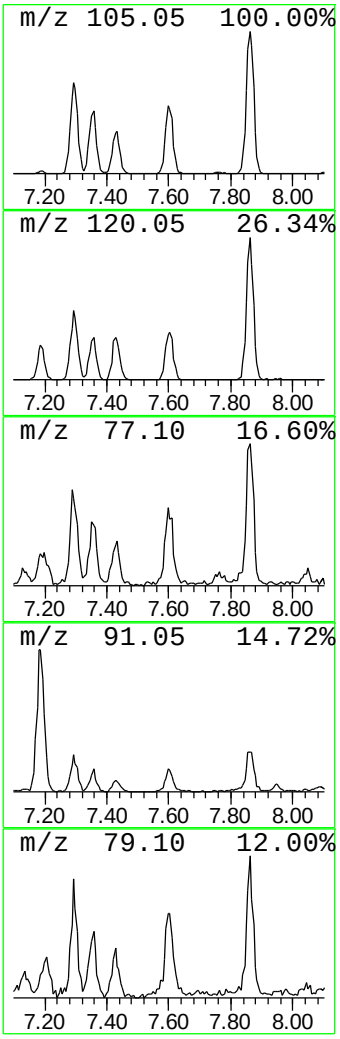
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	21.42 ng/ul	658478	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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

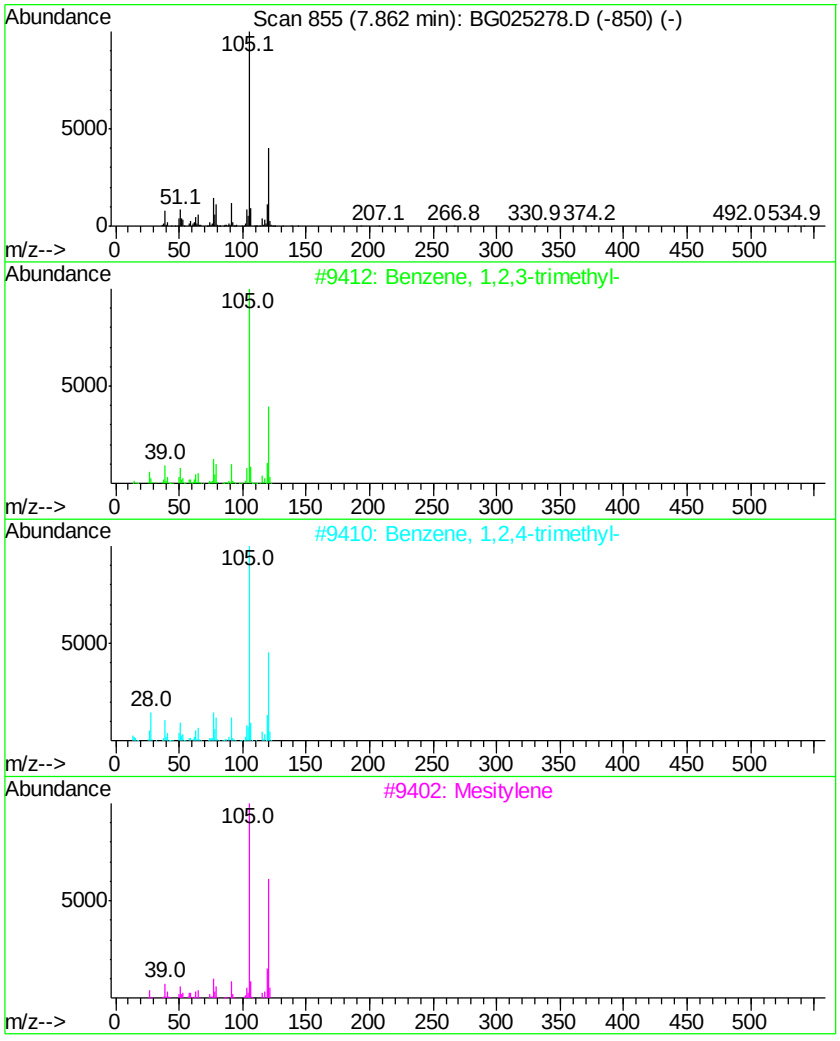
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

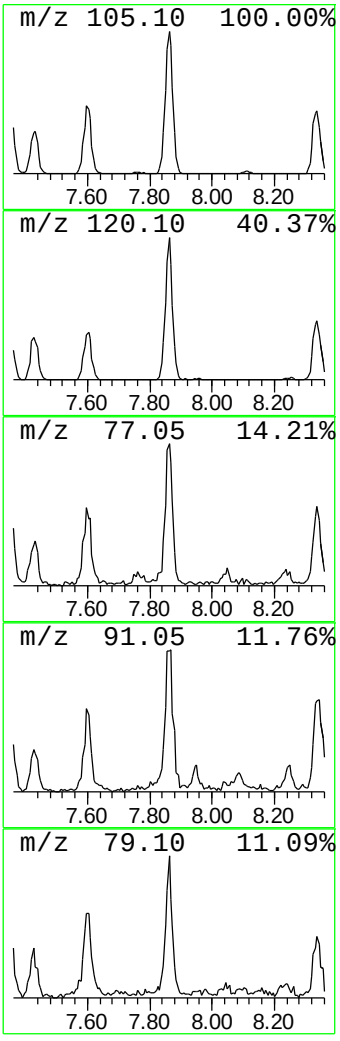
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	34.46 ng/ul	1059600	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	97
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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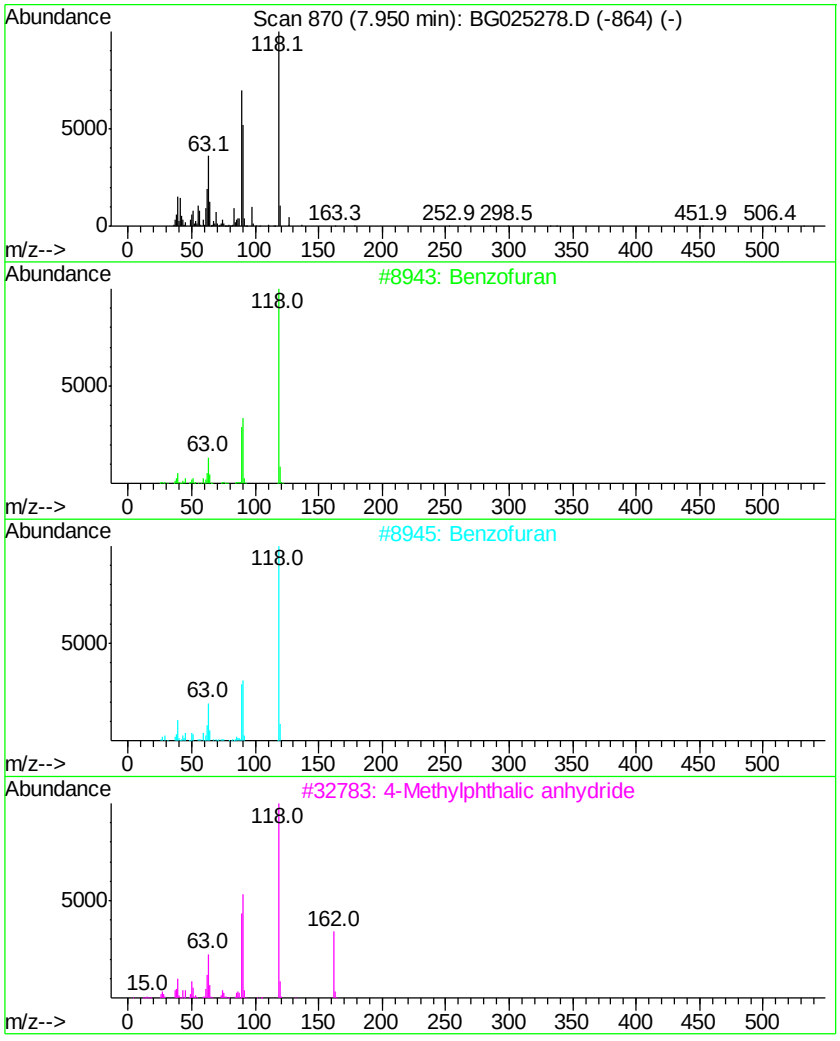
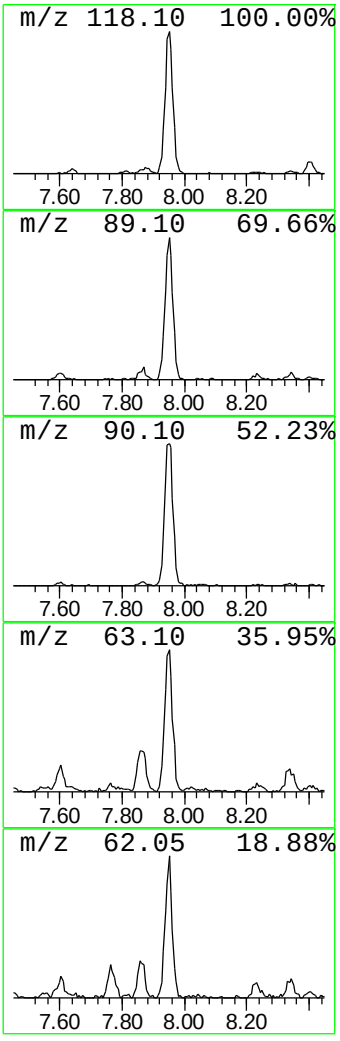
Peak Number 9 Benzofuran Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	24.27 ng/ul	746076	1,4-Dichlorobenzene-d4	8.24

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	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	83
4	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	83
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	74





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Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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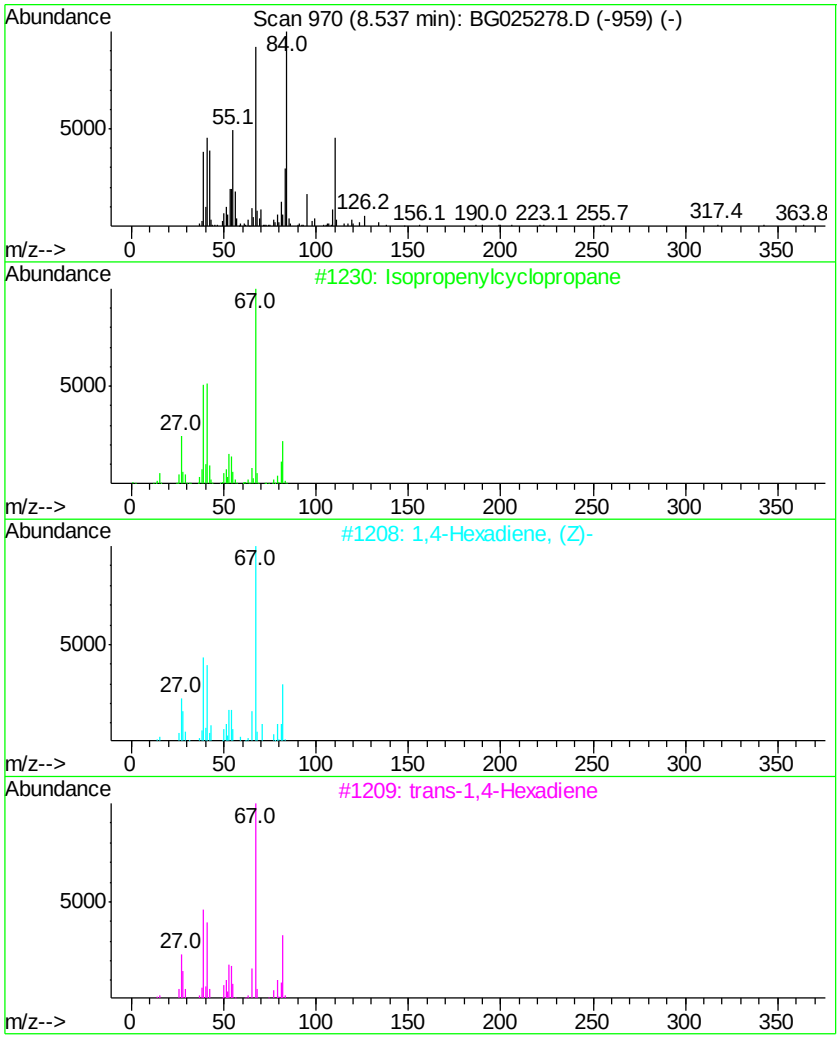
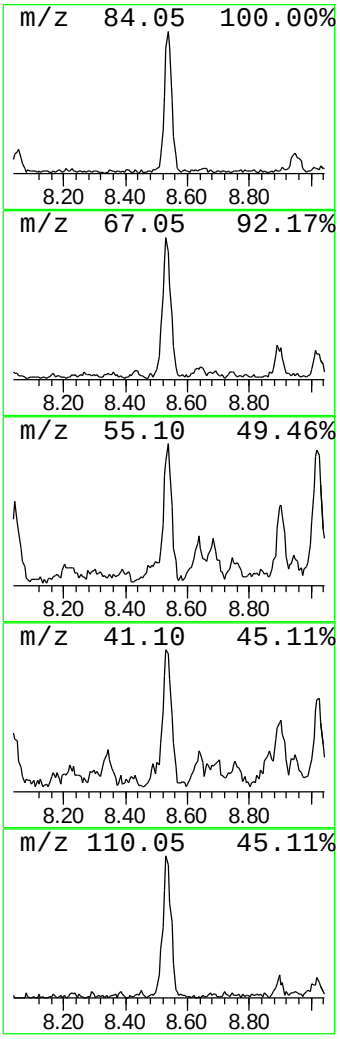
Peak Number 11 unknown-01 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	18.62 ng/ul	572547	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropenylcyclopropane	82	C6H10	004663-22-3	41
2	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	38
3	trans-1,4-Hexadiene	82	C6H10	007319-00-8	38
4	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	38
5	Cyclopropane, 1,1-dimethyl-2-met...	82	C6H10	004372-94-5	38





Library Search Compound Report

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Operator : UM/SJ
Sample : H6040-16
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Instrument : BNA_G
ClientSampleId : DA8W9

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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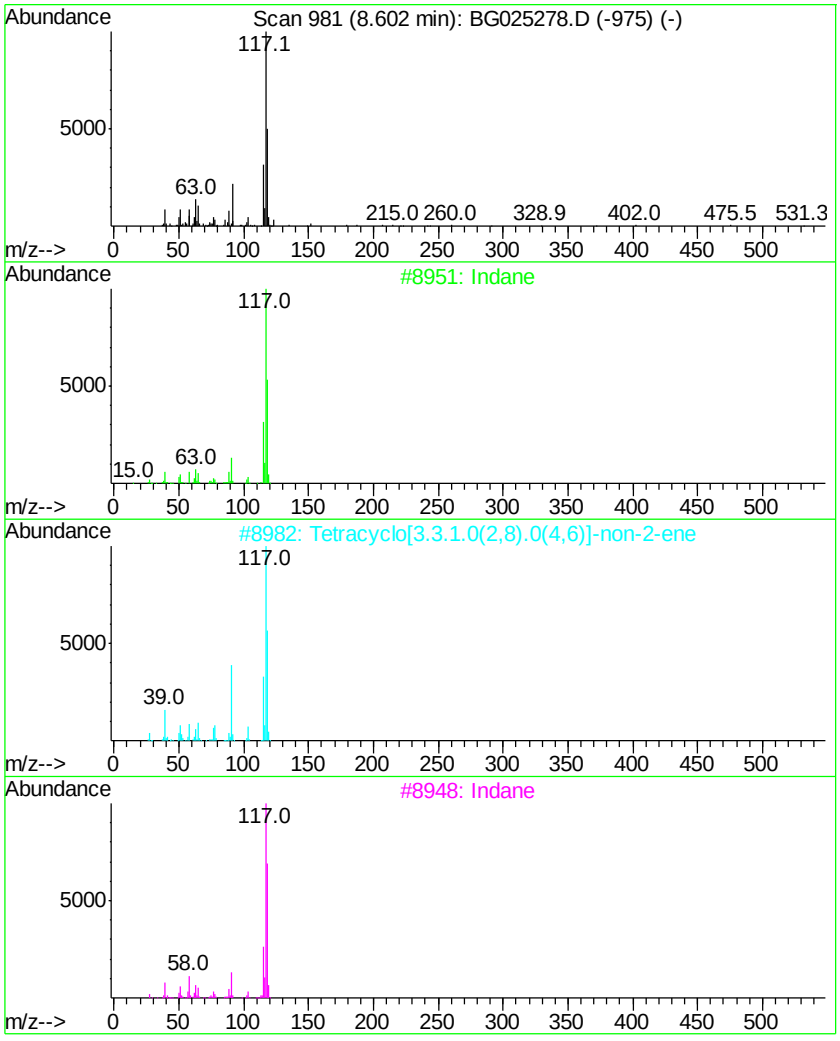
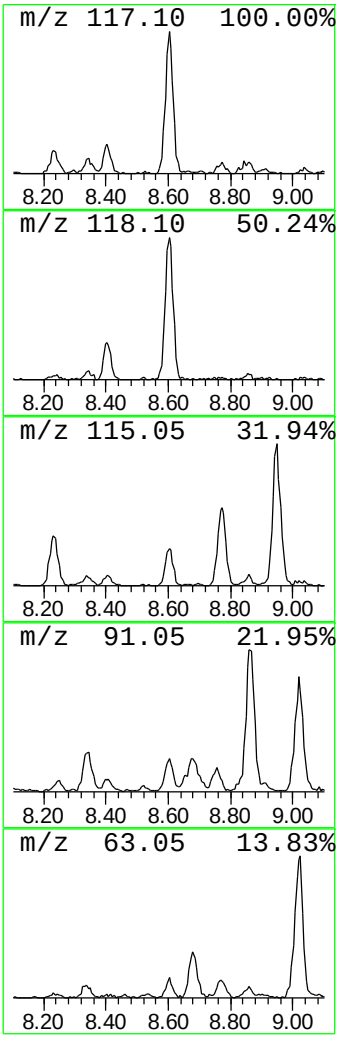
Peak Number 12 Indane Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	13.14 ng/ul	404119	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
3	Indane	118	C9H10	000496-11-7	80
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Indane	118	C9H10	000496-11-7	60





Library Search Compound Report

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Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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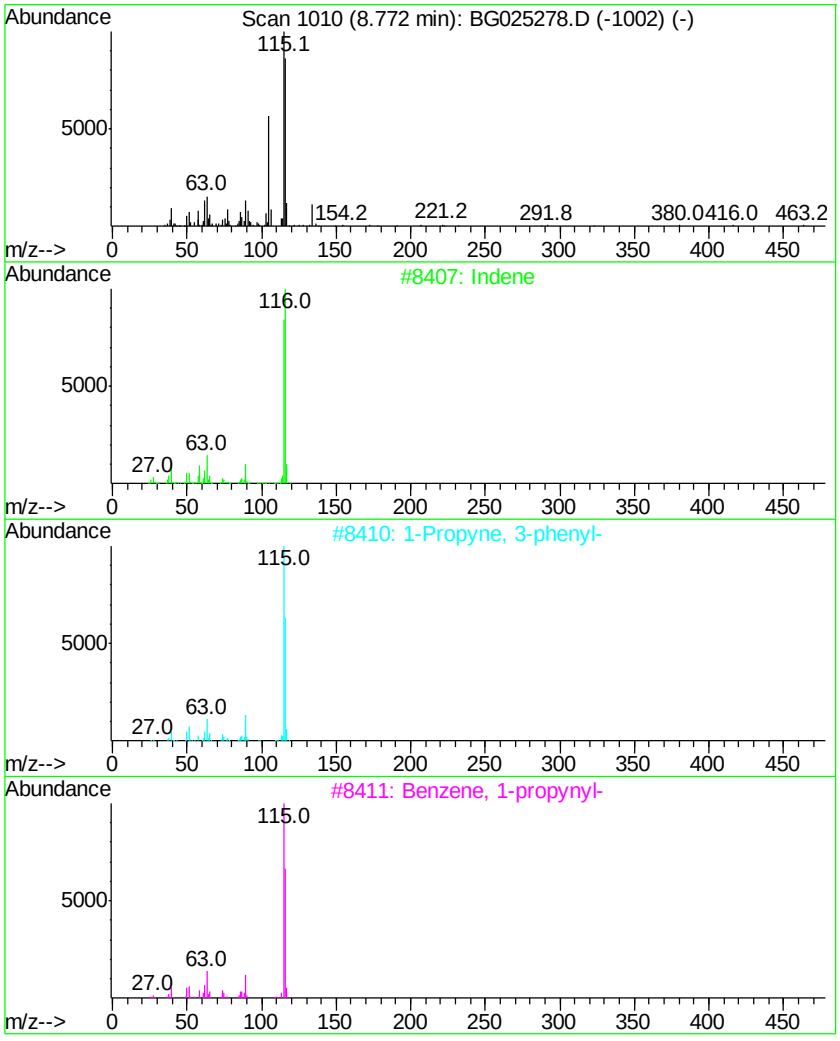
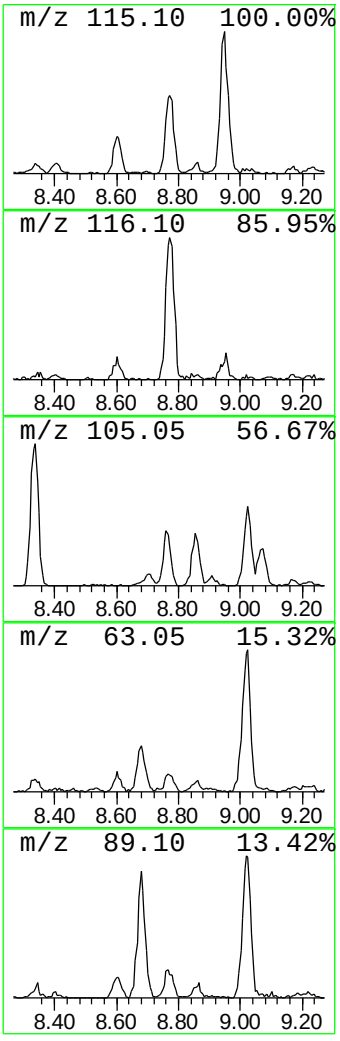
Peak Number 13 Indene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	15.67 ng/ul	481728	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	81
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	81
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	81
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	74
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	74





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Sample : H6040-16
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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

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

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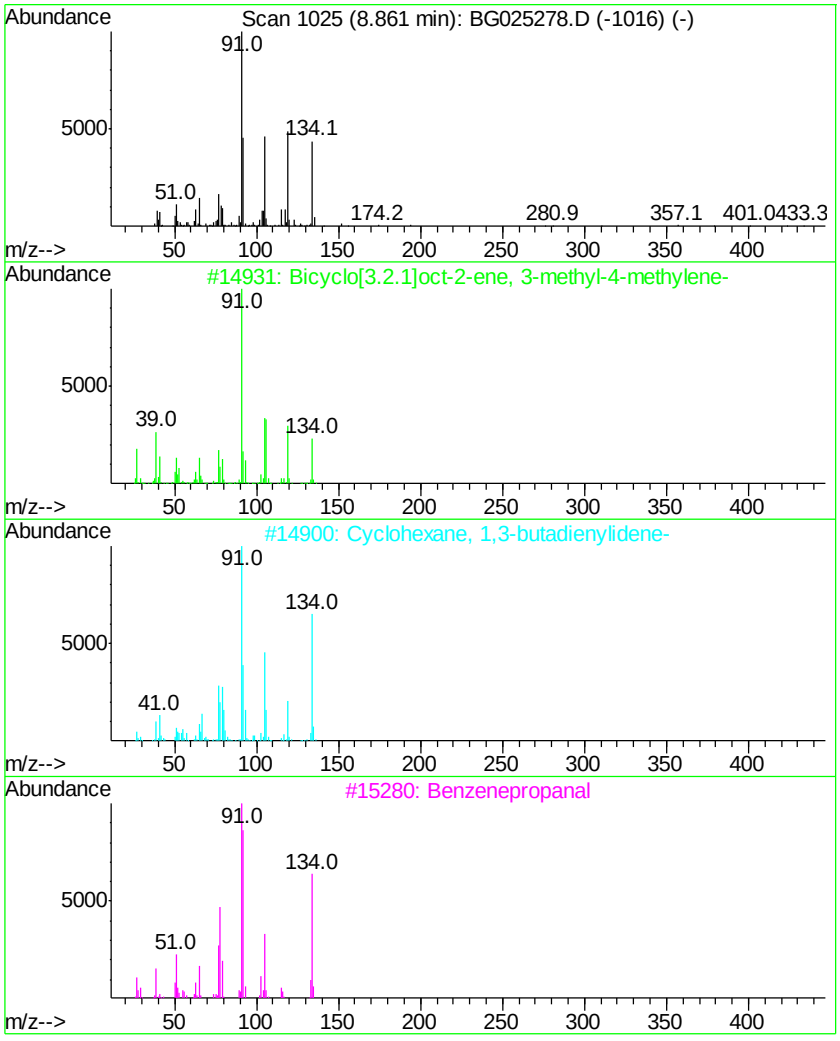
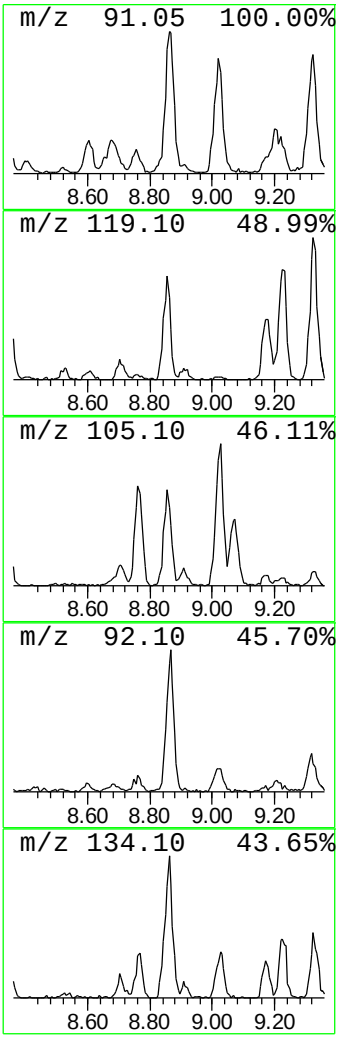
Peak Number 14 Bicyclo[3.2.1]oct-2-ene, 3-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	17.22 ng/ul	529502	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	62
2	Cyclohexane, 1,3-butadienylidene-	134	C10H14	053864-08-7	59
3	Benzenepropanal	134	C9H10O	000104-53-0	53
4	Benzene, butyl-	134	C10H14	000104-51-8	52
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	52





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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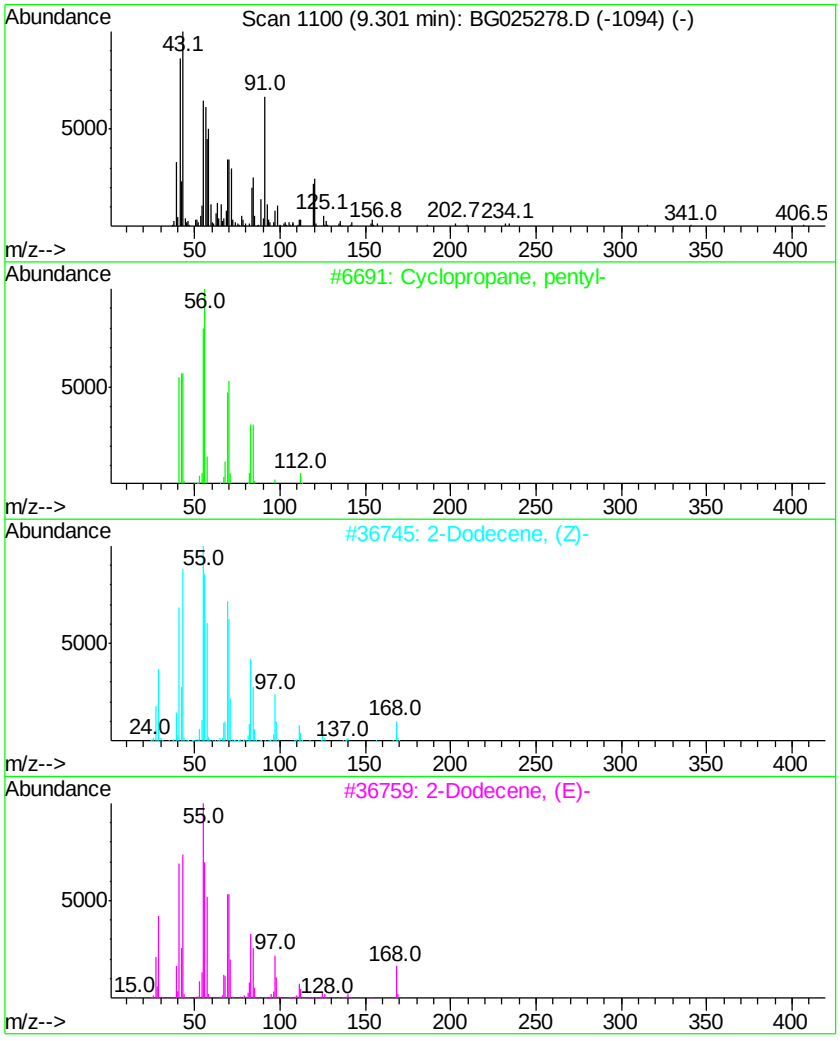
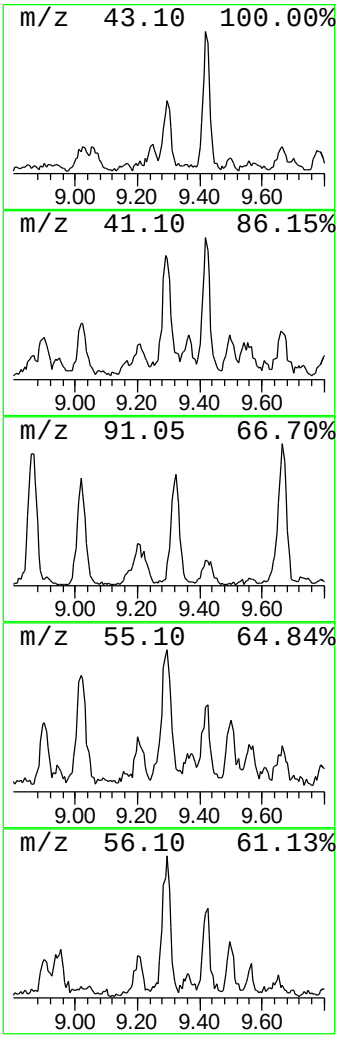
Peak Number 15 (DEL) Alkane: Cyclic9.30 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	13.64 ng/ul	419506	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, pentyl-	112	C8H16	002511-91-3	60
2	2-Dodecene, (Z)-	168	C12H24	007206-26-0	58
3	2-Dodecene, (E)-	168	C12H24	007206-13-5	53
4	2-Dodecene, (E)-	168	C12H24	007206-13-5	53
5	Cyclopropane, 1-heptyl-2-methyl-	154	C11H22	074663-91-5	46





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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Quant Title : SVOA CALIBRATION

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

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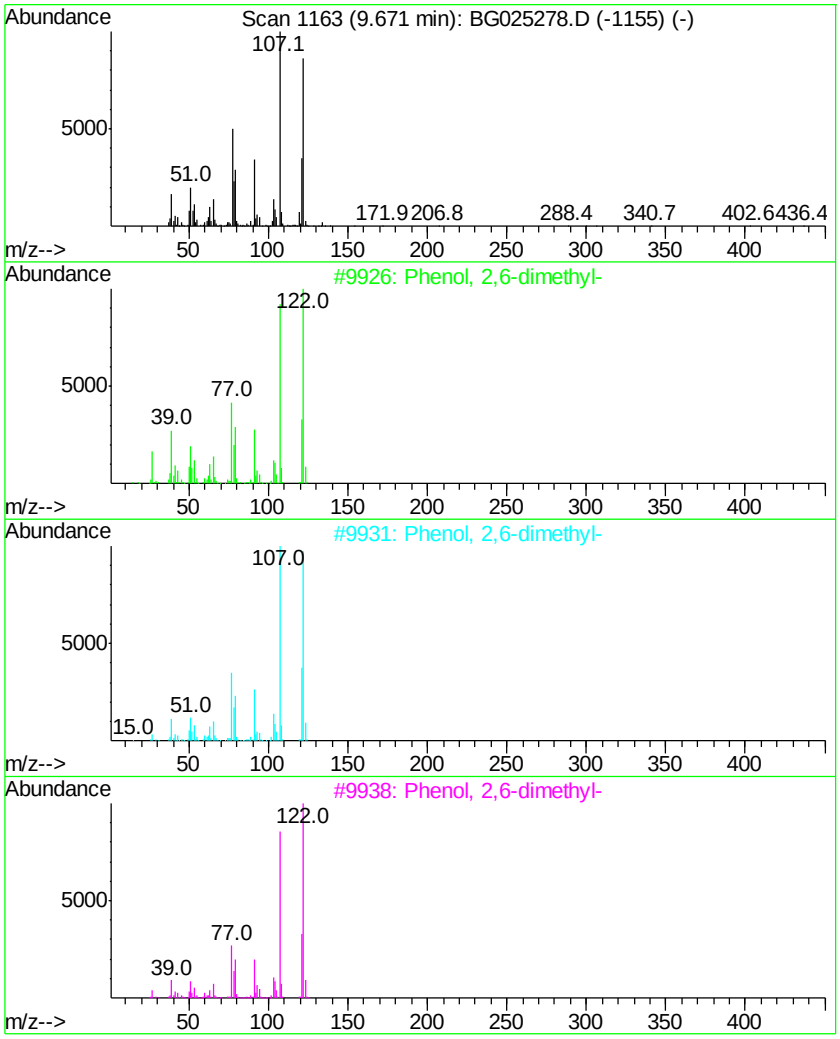
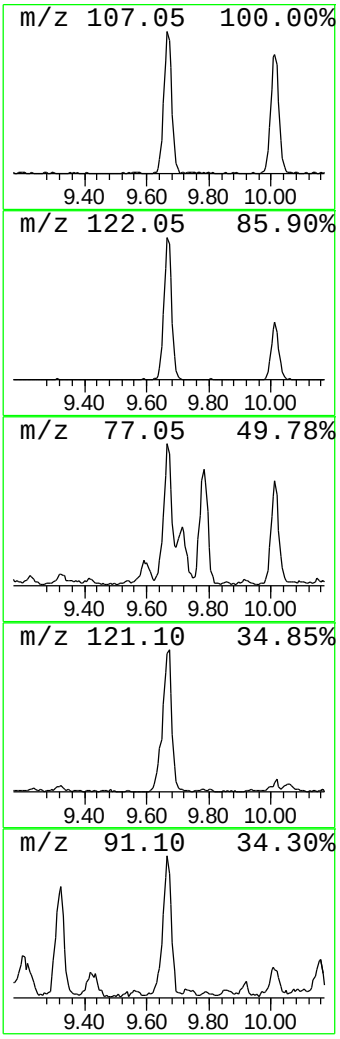
Peak Number 16 Phenol, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	70.90 ng/ul	1632470	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	94
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91





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Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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Quant Title : SVOA CALIBRATION

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

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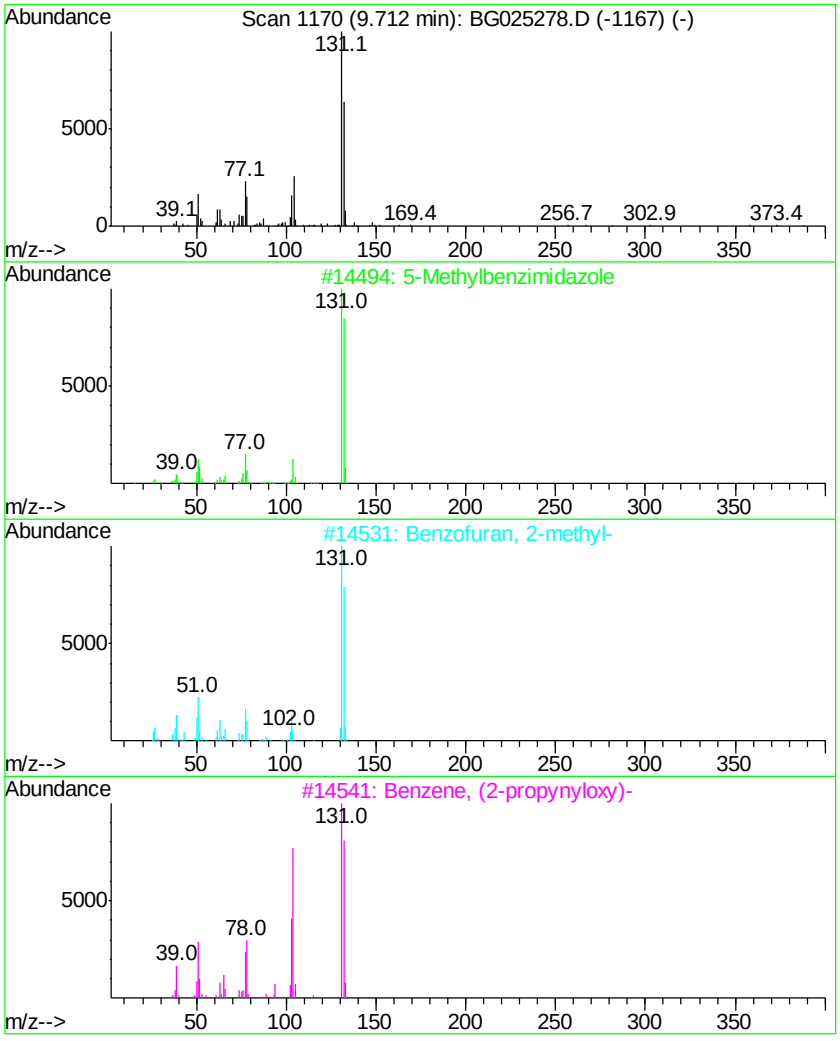
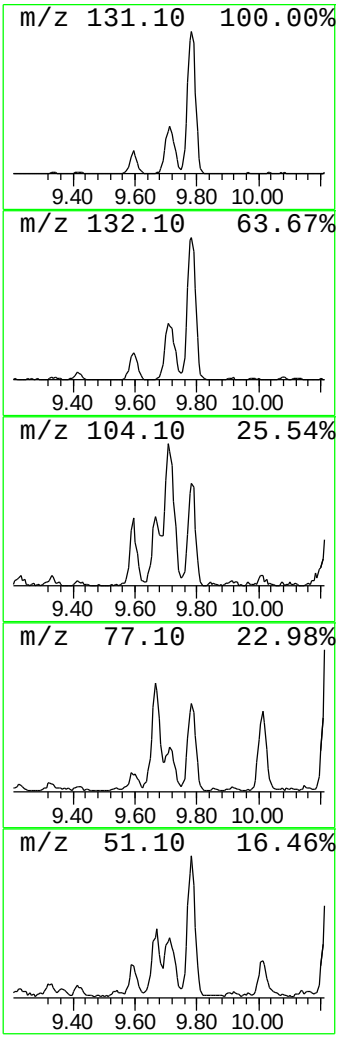
Peak Number 17 5-Methylbenzimidazole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	36.18 ng/ul	833040	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	87
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	80
3	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	80
4	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	72
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	72





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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 Benzofuran, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	85.96 ng/ul	1978980	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
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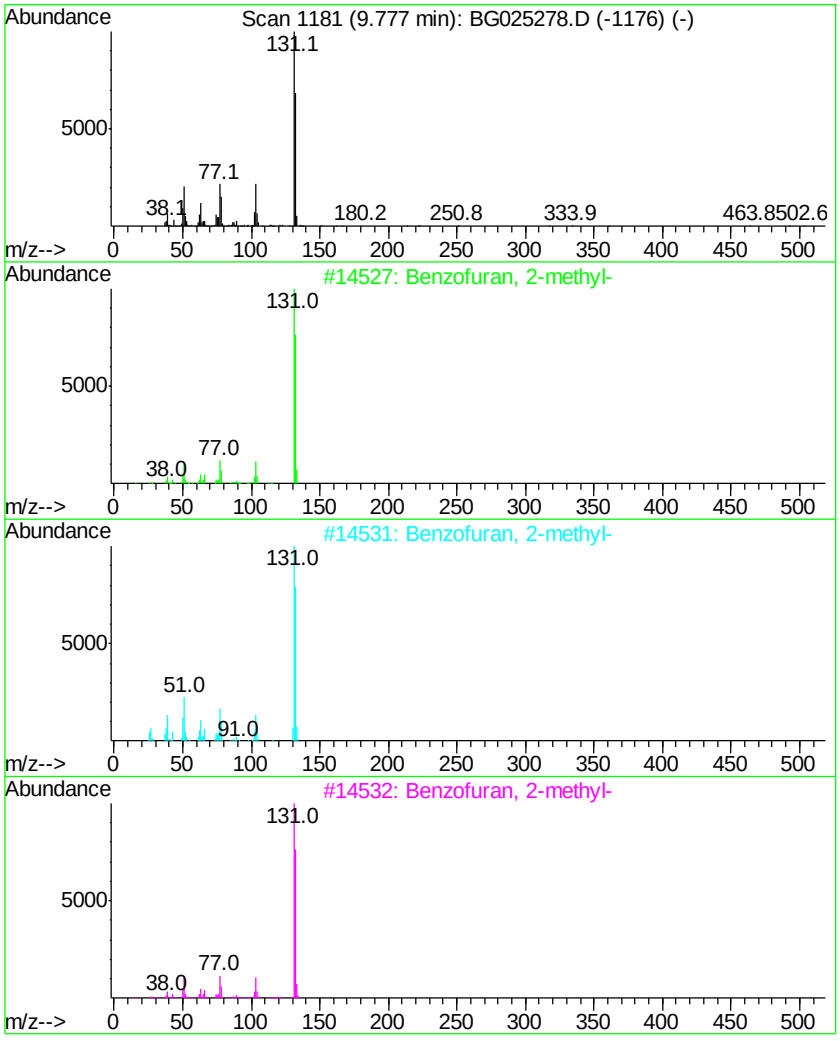

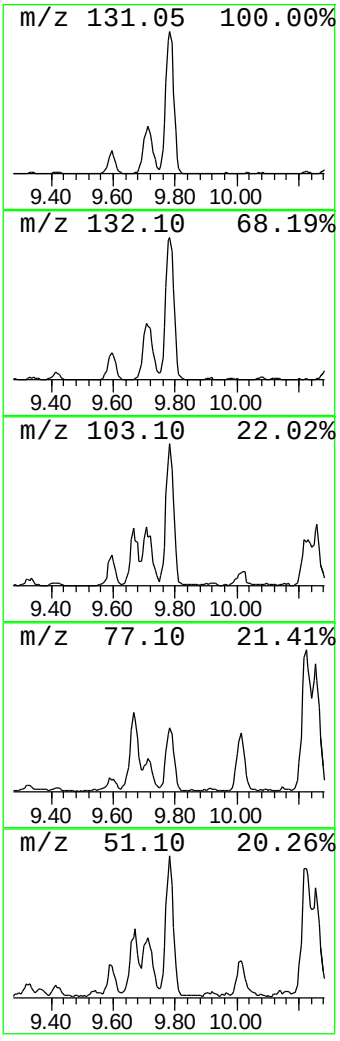

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Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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 Phenol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	41.60 ng/ul	957674	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	93
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
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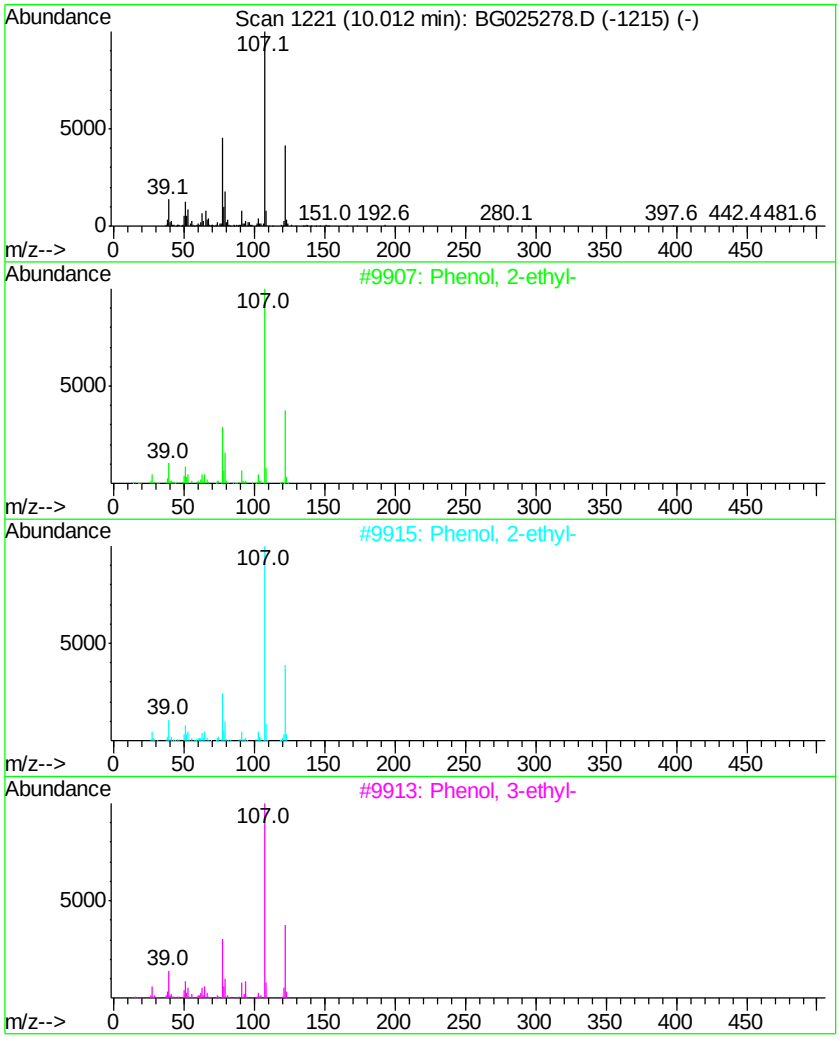
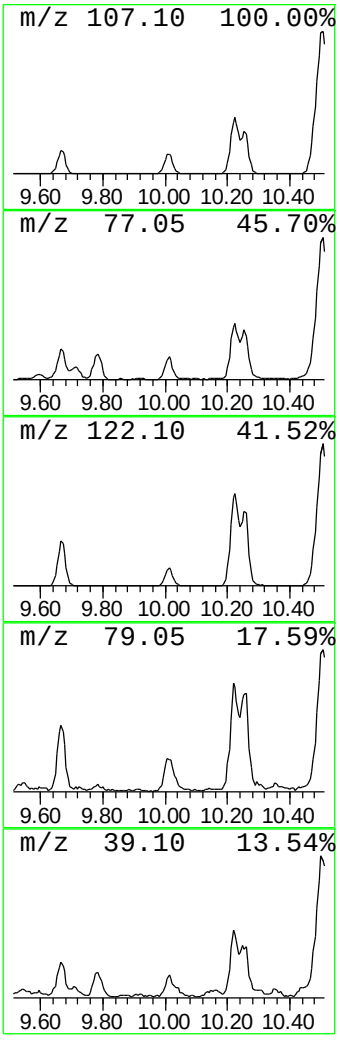
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	83





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Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

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 20 Phenol, 3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	383.74 ng/ul	8835100	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	97
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	93
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
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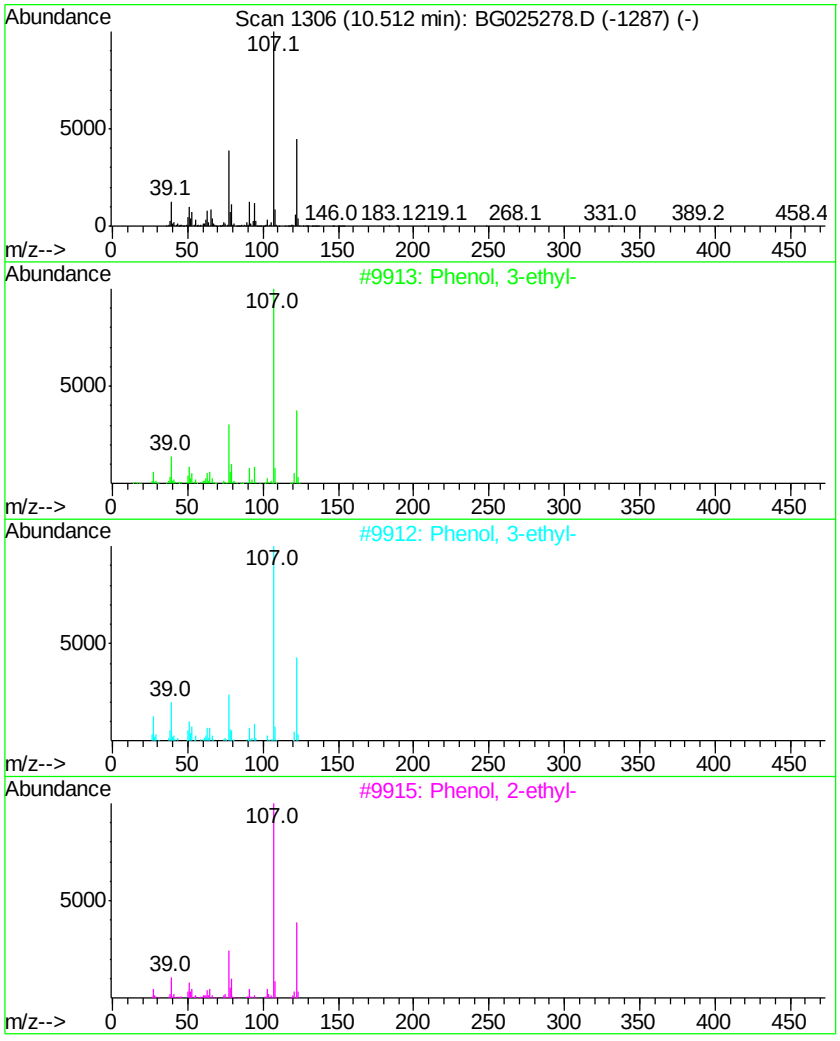
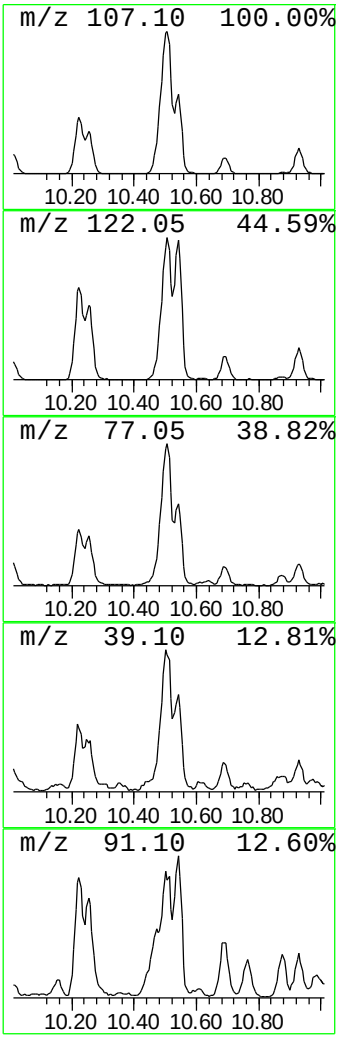
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	86





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Acq On : 17 Dec 2016 17:31
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Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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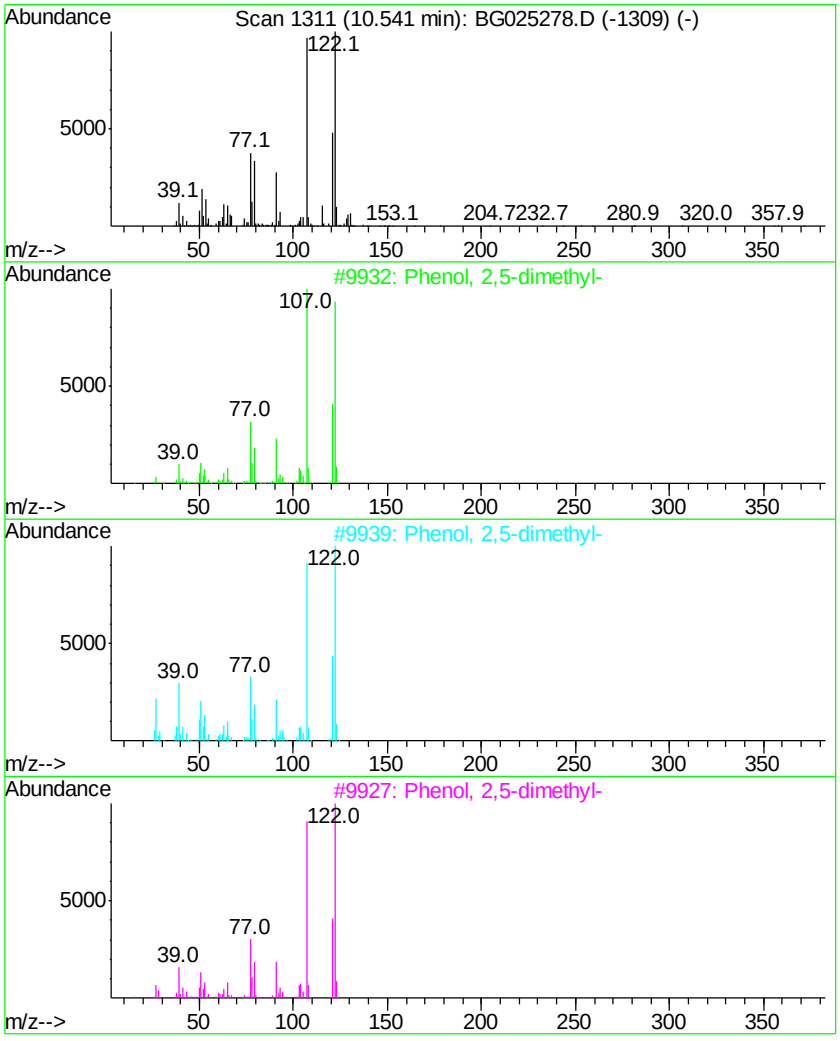
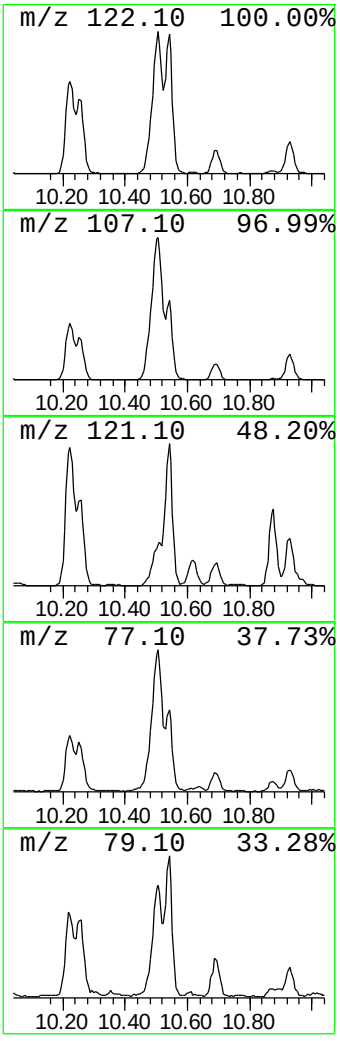
Peak Number 21 Phenol, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	154.56 ng/ul	3558520	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
4	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	87
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	87





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Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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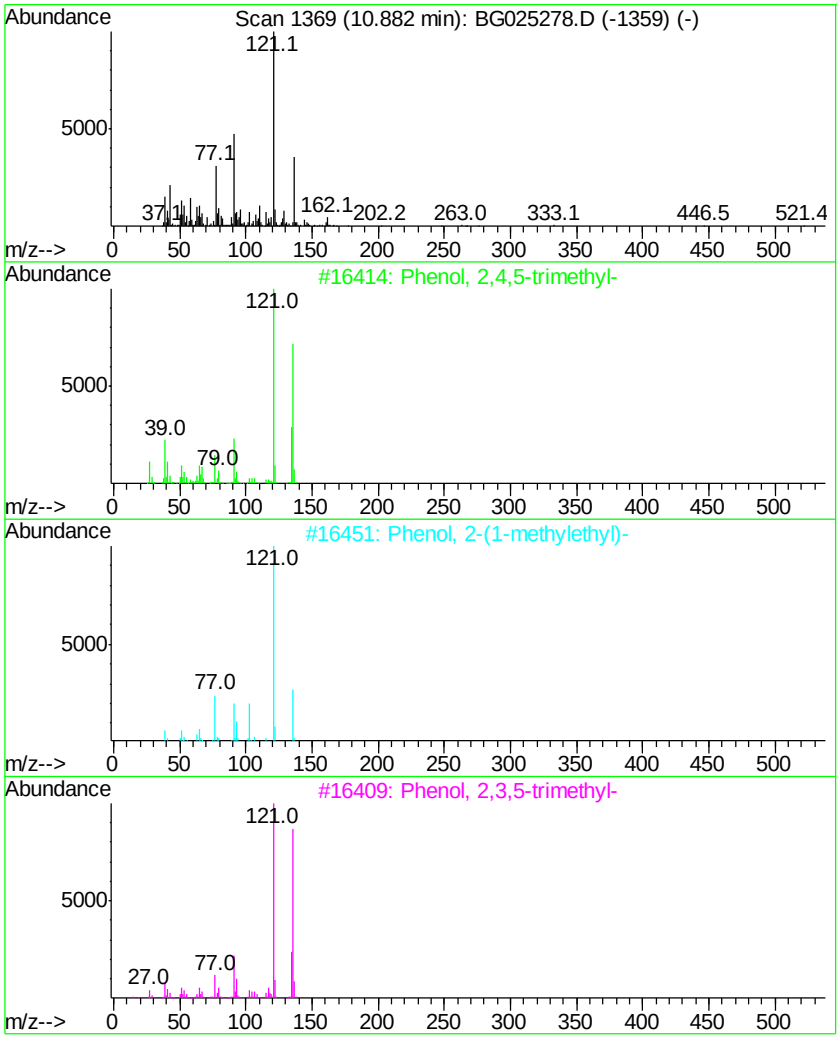
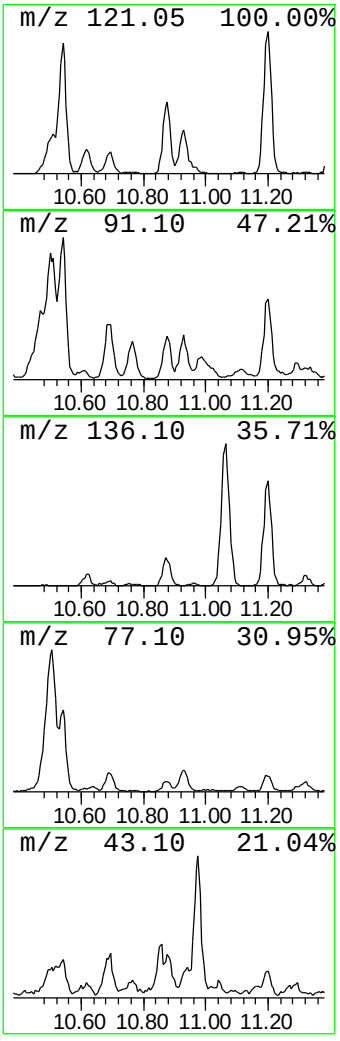
Peak Number 22 Phenol, 2,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	48.18 ng/ul	1109170	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	83
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	80
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	80
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	80





Library Search Compound Report

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Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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

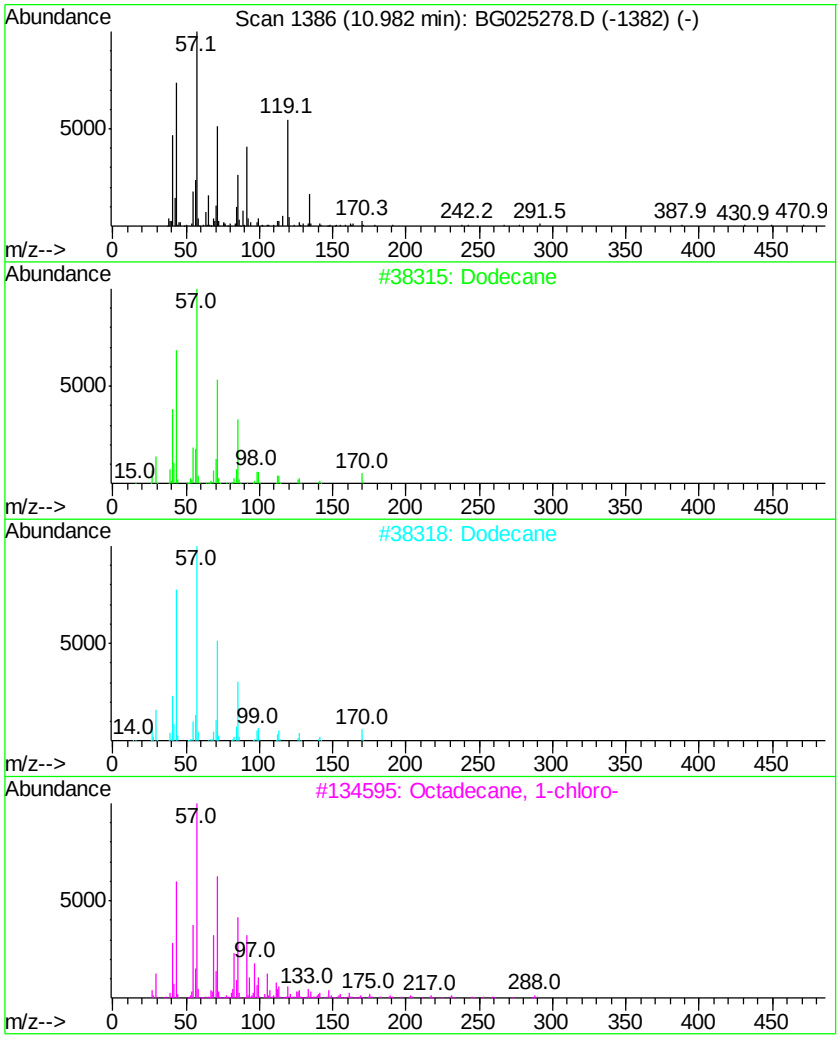
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

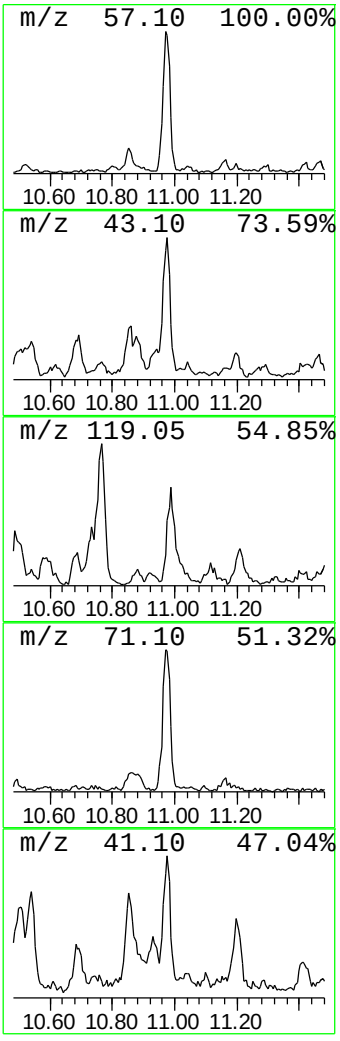
****

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	17.57 ng/ul	404561	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Dodecane	170	C12H26	000112-40-3	64
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	59
4	Tridecane	184	C13H28	000629-50-5	58
5	Hexadecane	226	C16H34	000544-76-3	58





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Data File : BG025278.D
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Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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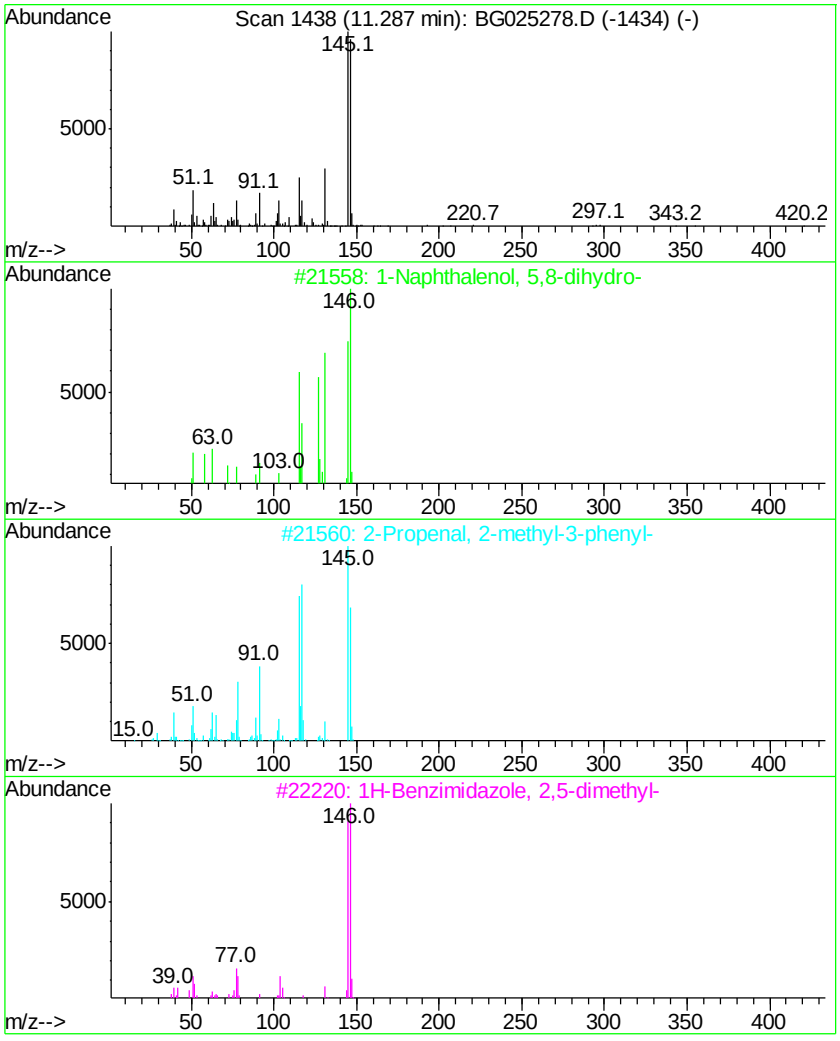
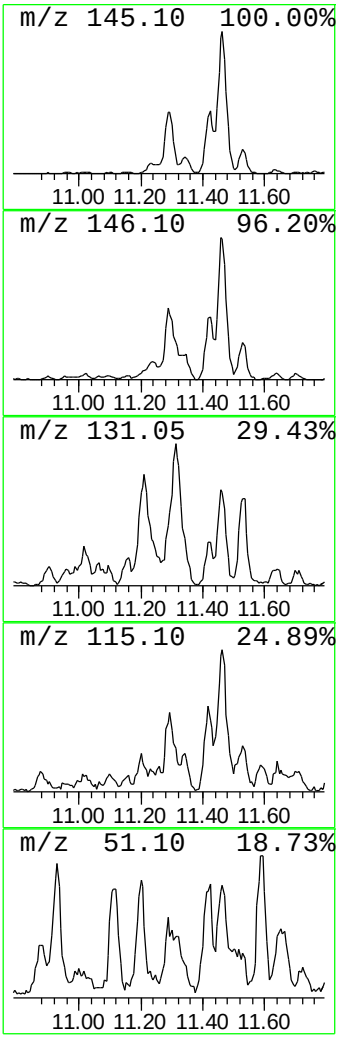
Peak Number 25 1-Naphthalenol, 5,8-dihydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	57.35 ng/ul	1320500	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	53
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	45
3	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	40
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	40
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	38





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Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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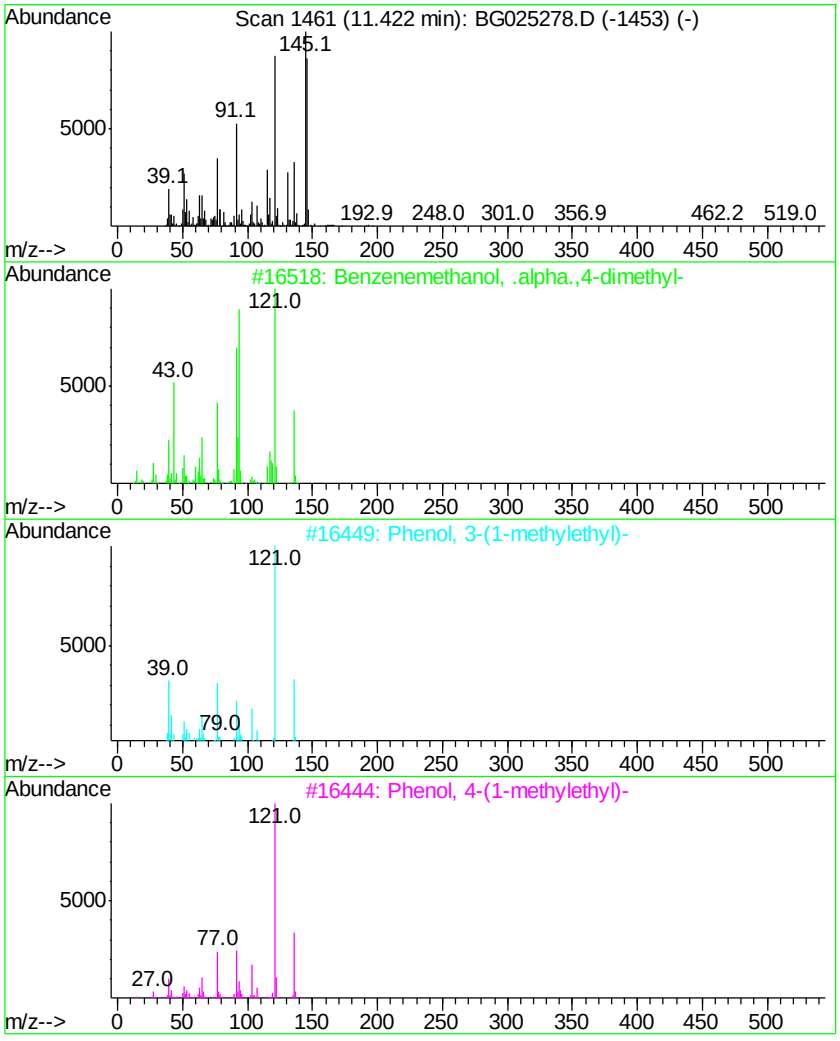
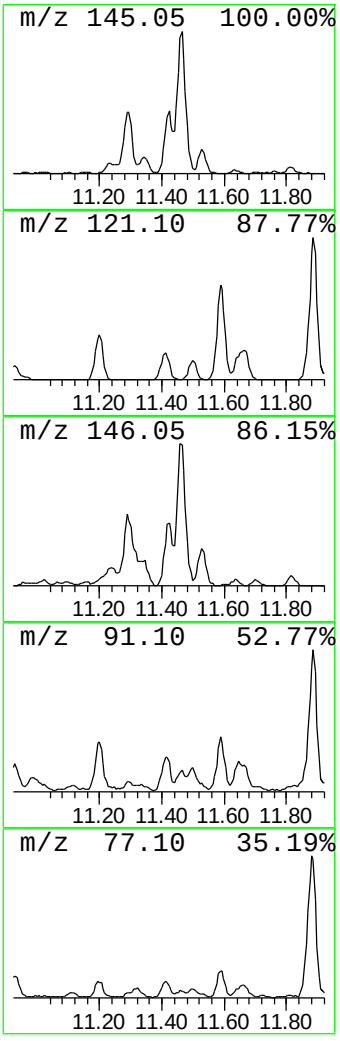
Peak Number 26 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	64.00 ng/ul	1473560	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	46
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	38
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	38
4	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	35
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	27





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Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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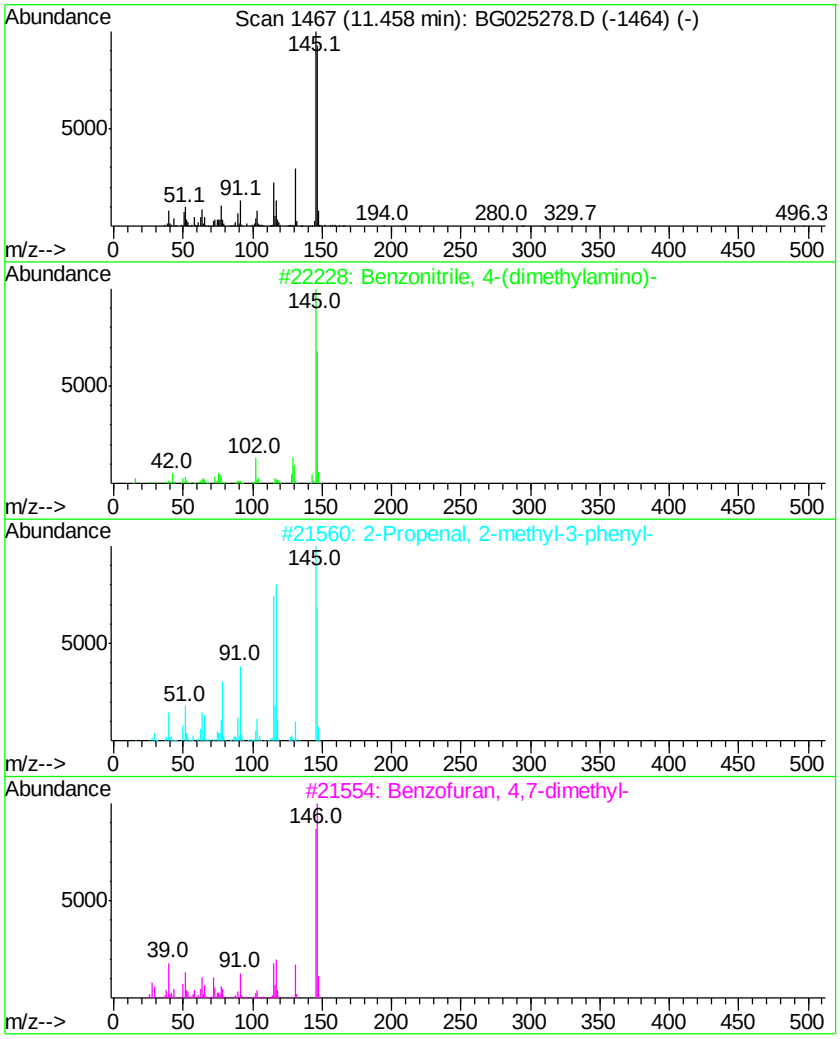
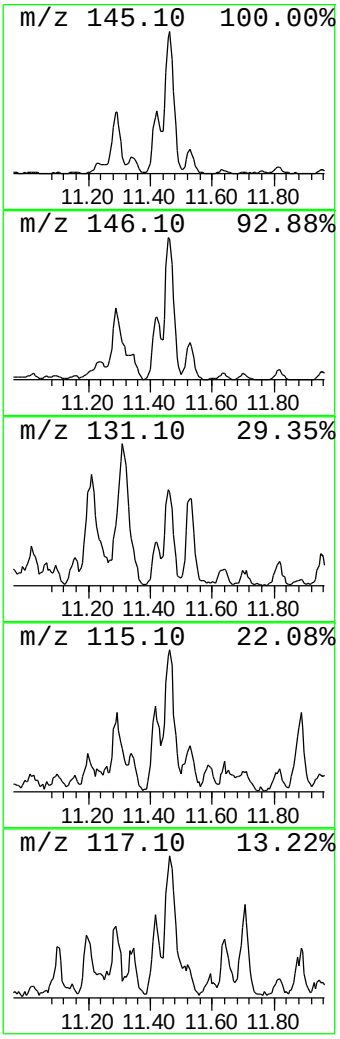
Peak Number 27 Benzonitrile, 4-(dimethylam... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	30.64 ng/ul	705466	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	50
3	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	50
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	45
5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	37





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Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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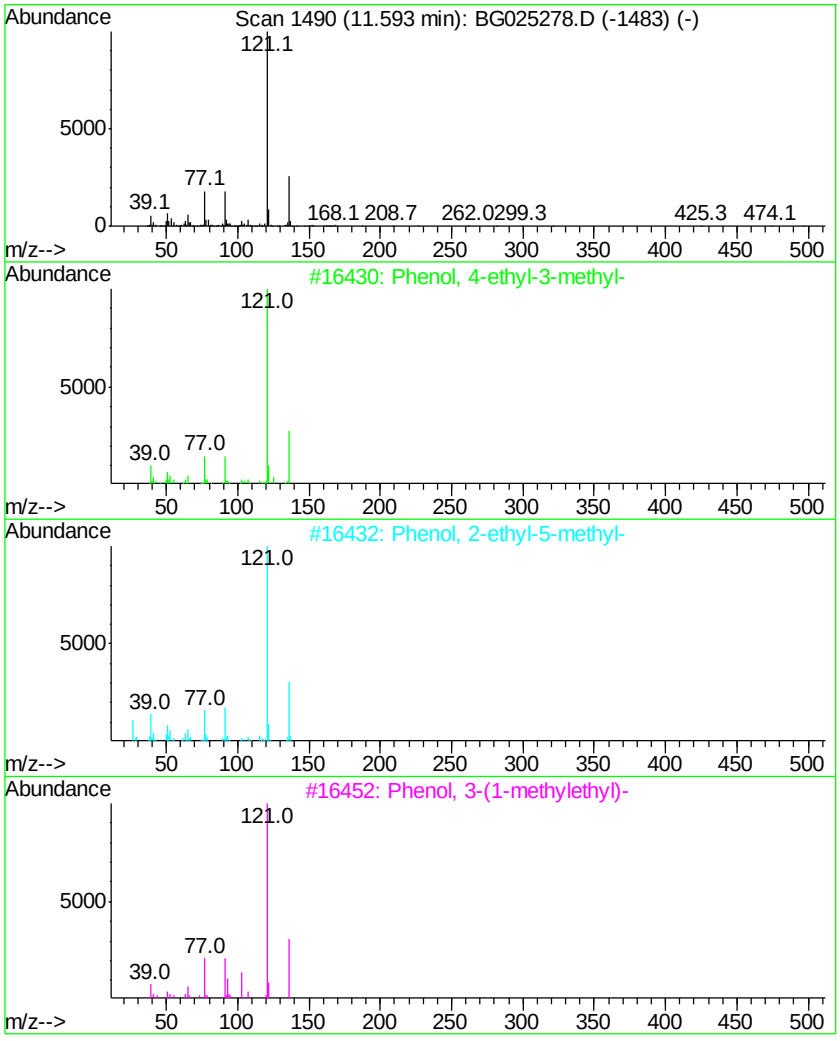
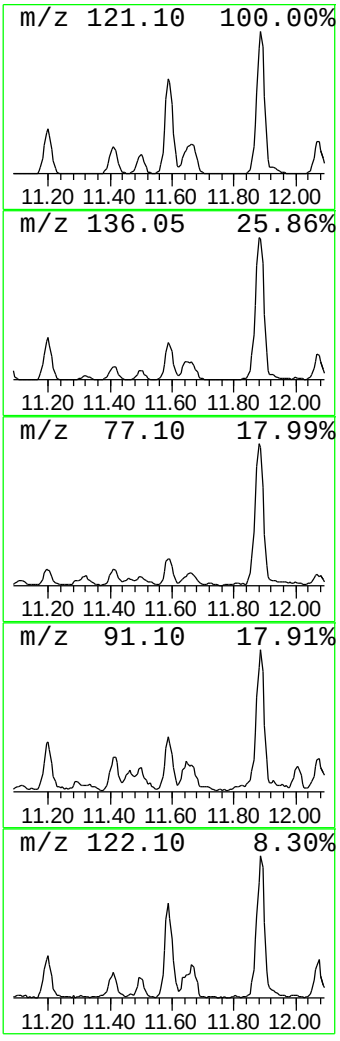
Peak Number 28 Phenol, 4-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	72.07 ng/ul	1659350	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	90





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Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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

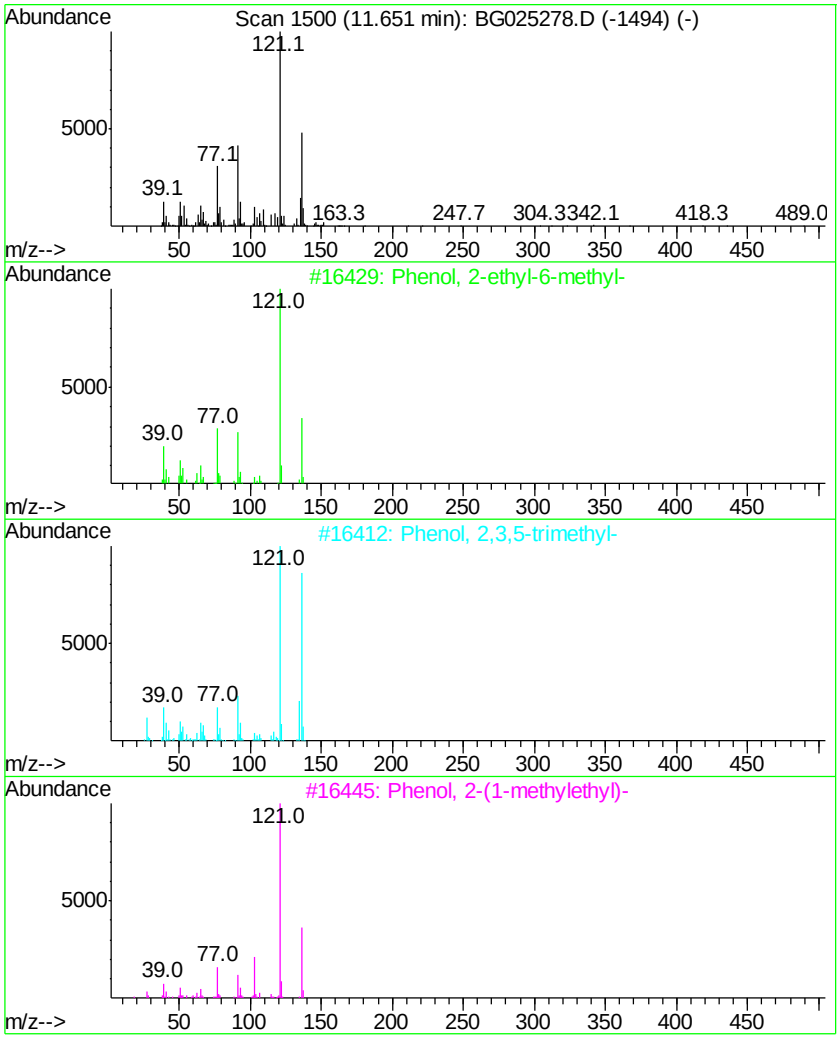
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

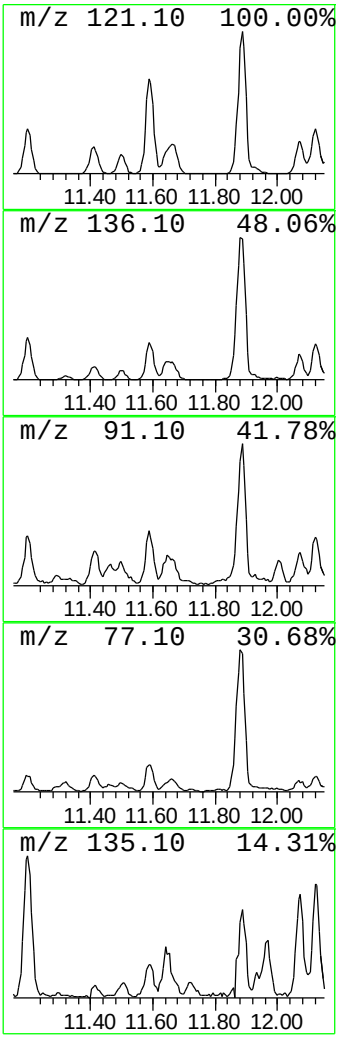
****

Peak Number 29 Phenol, 2-ethyl-6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	46.53 ng/ul	1071370	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	81
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	72
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	64
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	64
5	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	64





Library Search Compound Report

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Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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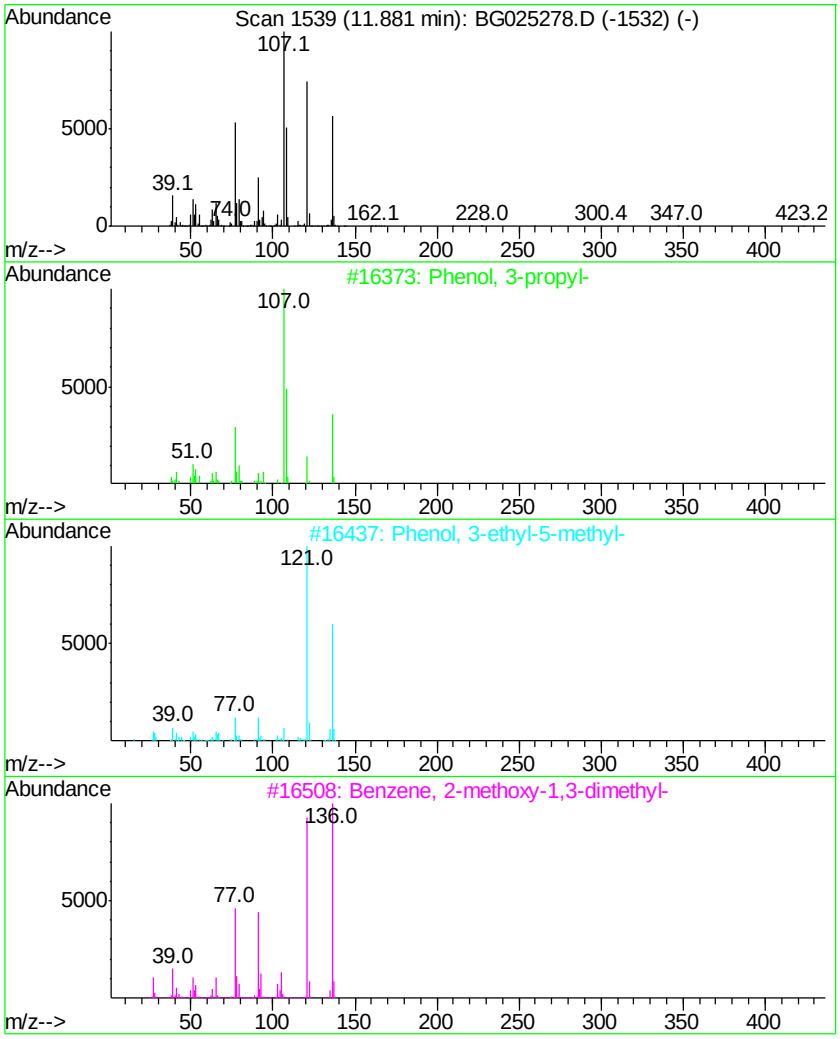
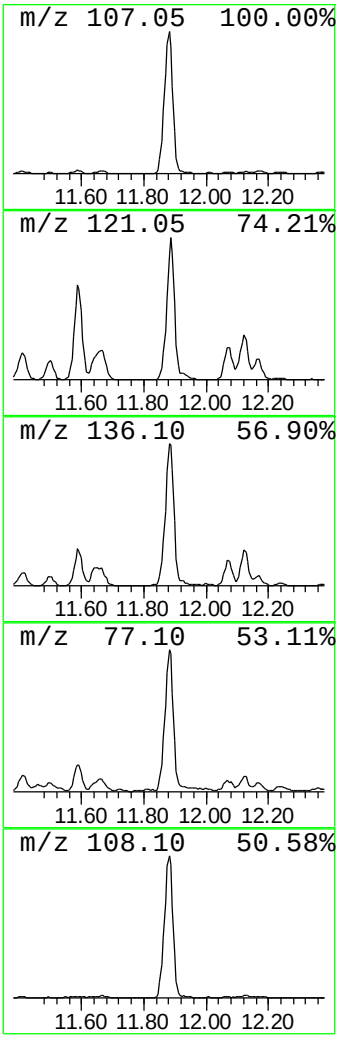
Peak Number 30 Phenol, 3-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	326.93 ng/ul	7527120	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	76
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	53
3	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	50
4	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	49
5	2-Ethylphenol, methyl ether	136	C9H12O	1000333-44-2	46





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Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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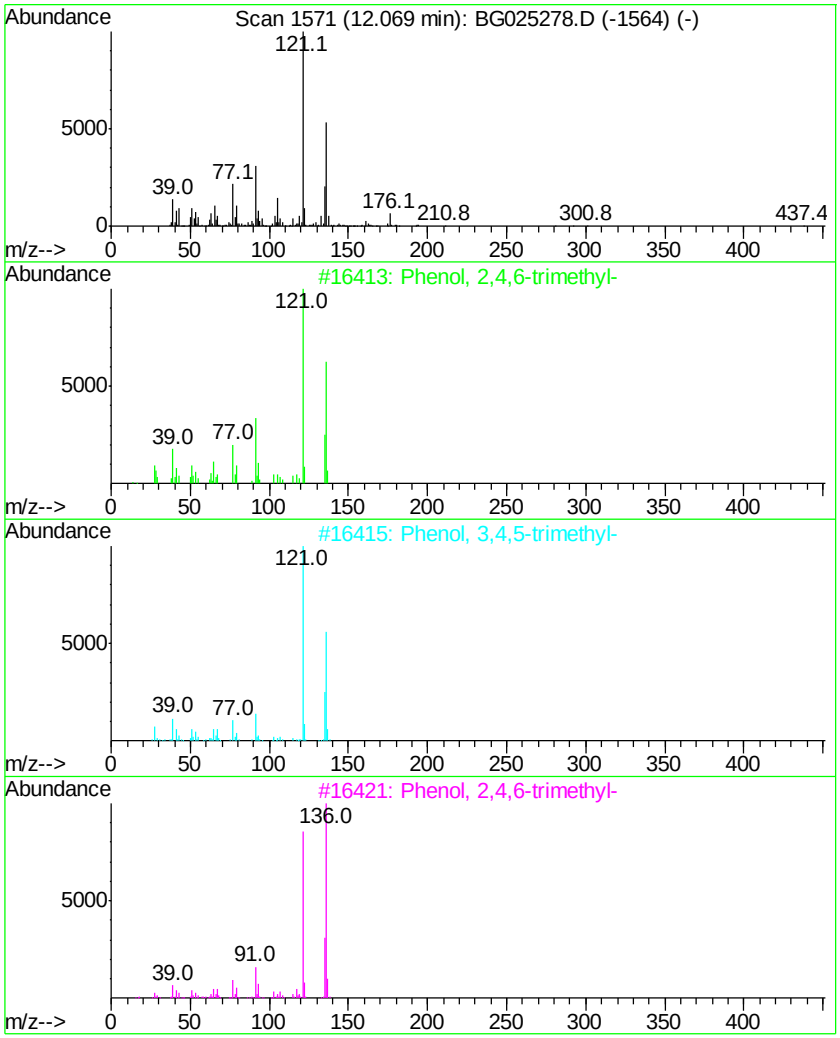
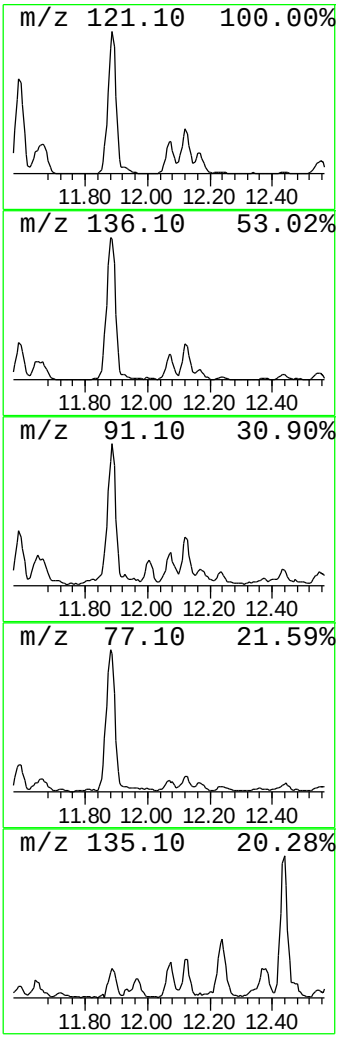
Peak Number 31 Phenol, 2,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	55.81 ng/ul	1284840	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	87
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87





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Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

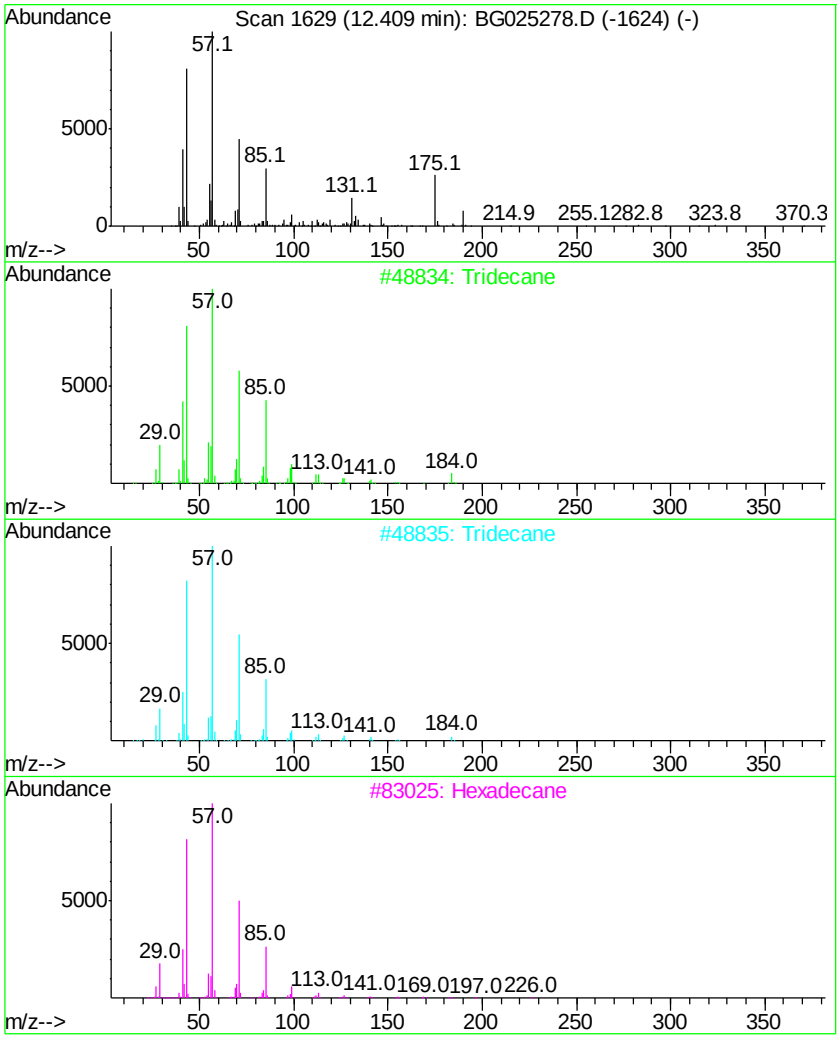
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

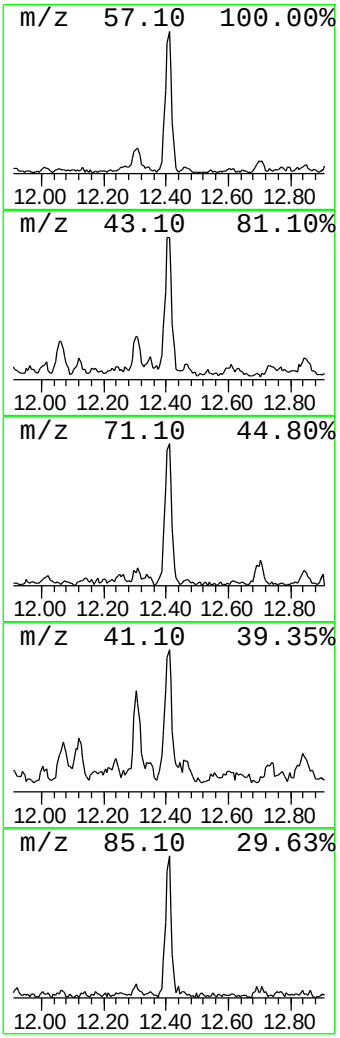
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	23.76 ng/ul	547131	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	55
2	Tridecane	184	C13H28	000629-50-5	49
3	Hexadecane	226	C16H34	000544-76-3	49
4	Tridecane	184	C13H28	000629-50-5	49
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	47





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Instrument : BNA_G
ClientSampleId : DA8W9

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Quant Title : SVOA CALIBRATION

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

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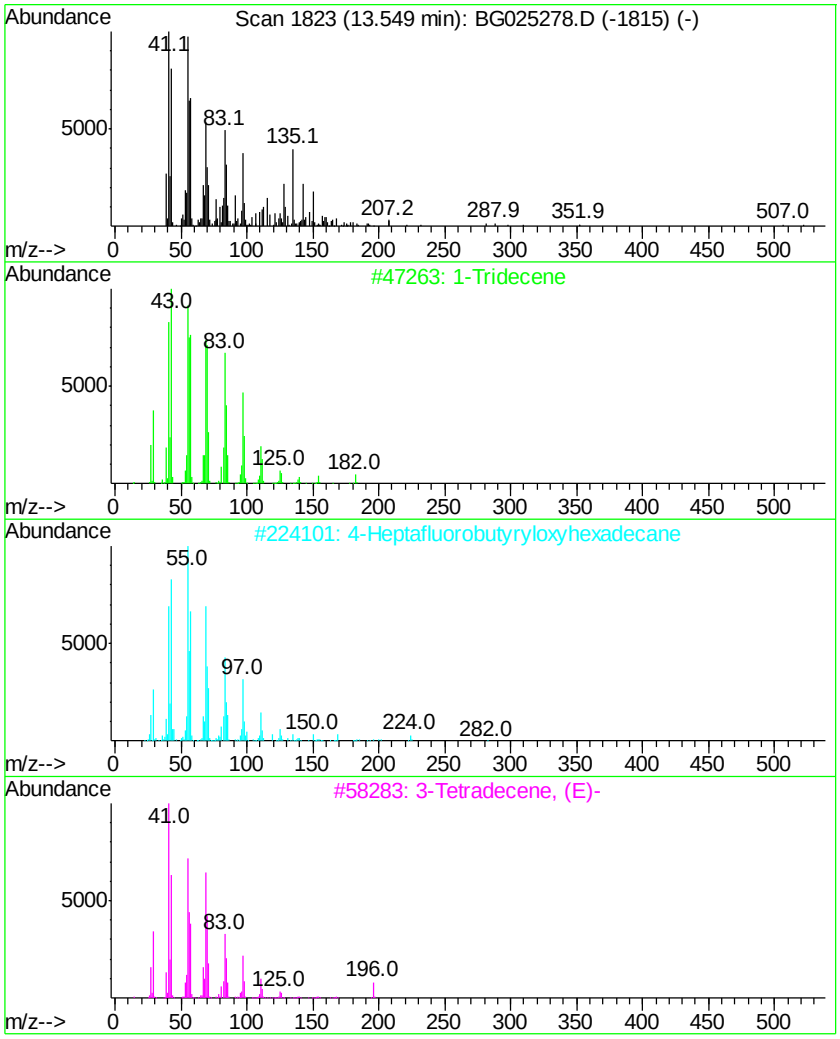
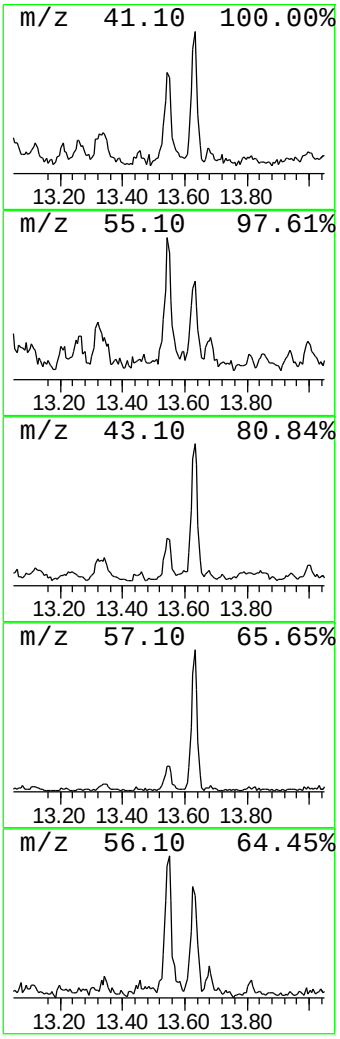
Peak Number 42 (DEL) Alkane: Cyclic13.55 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	13.81 ng/ul	1004210	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	49
2	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	46
3	3-Tetradecene, (E)-	196	C14H28	041446-68-8	46
4	2-Tetradecene, (E)-	196	C14H28	035953-54-9	46
5	3-Tetradecene, (E)-	196	C14H28	041446-68-8	46





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Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

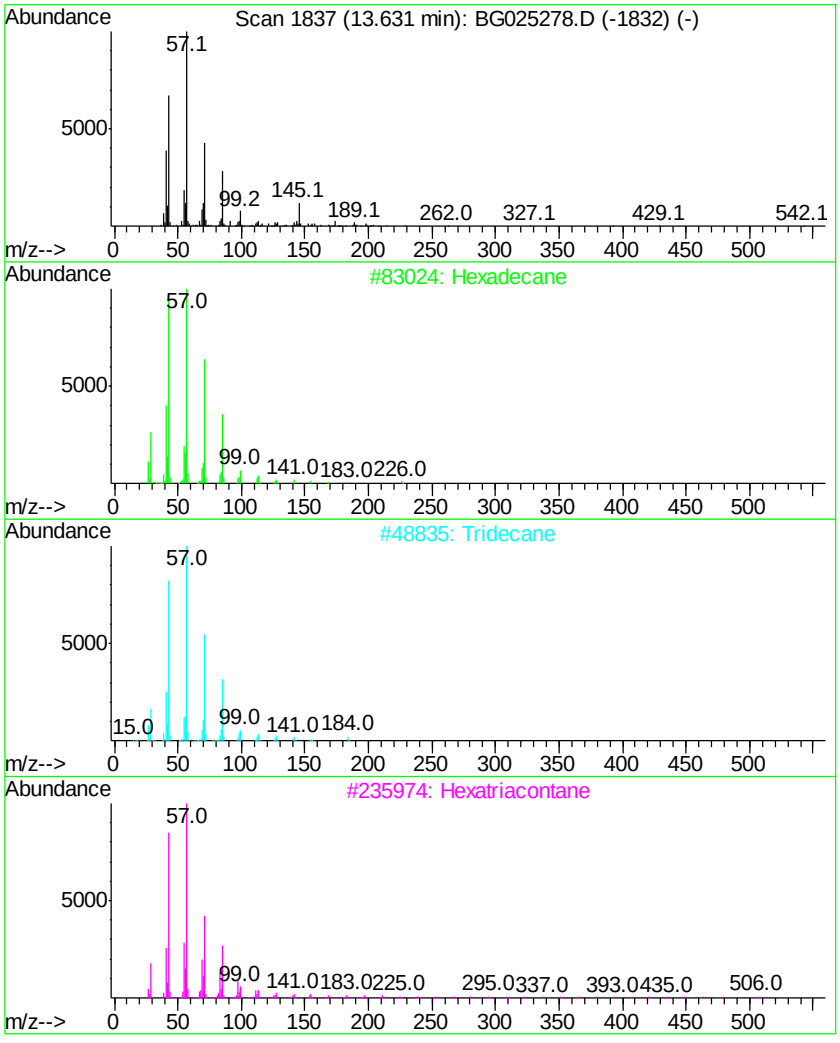
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

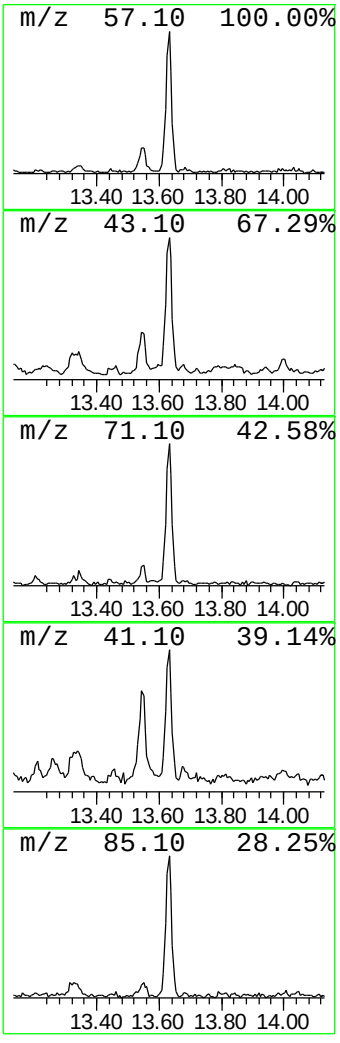
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	9.97 ng/ul	724839	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Tridecane	184	C13H28	000629-50-5	64
3	Hexatriacontane	507	C36H74	000630-06-8	64
4	Pentadecane	212	C15H32	000629-62-9	64
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

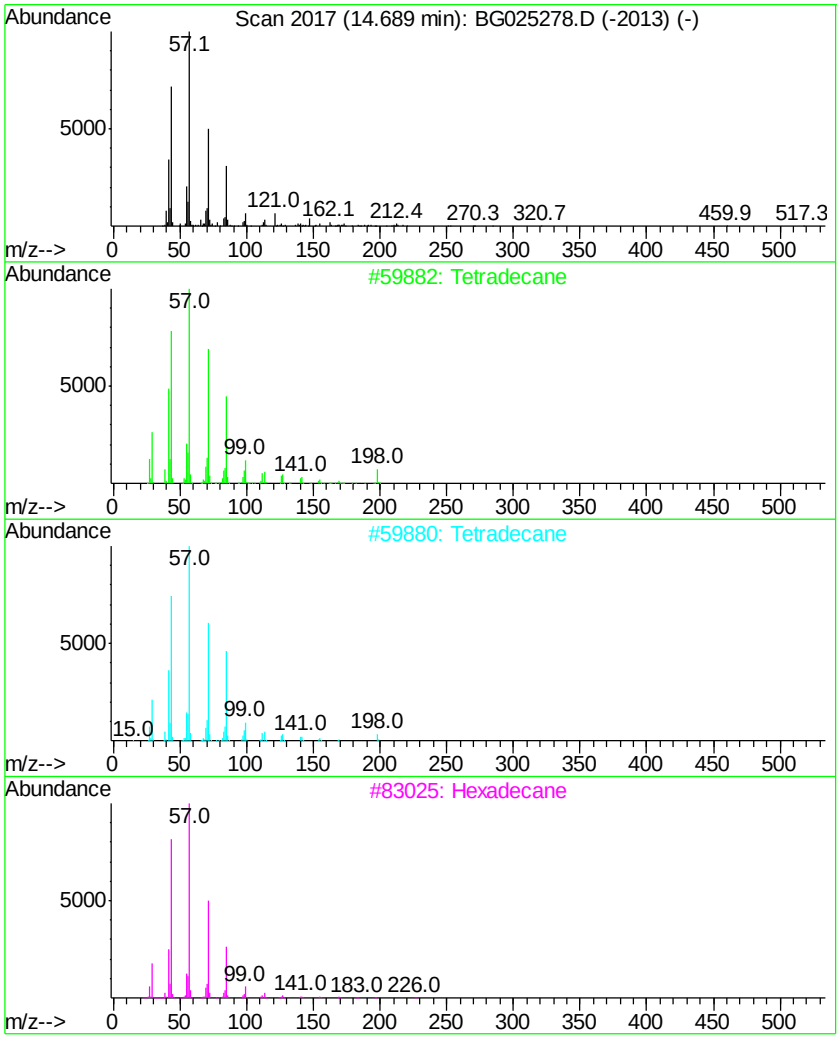
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

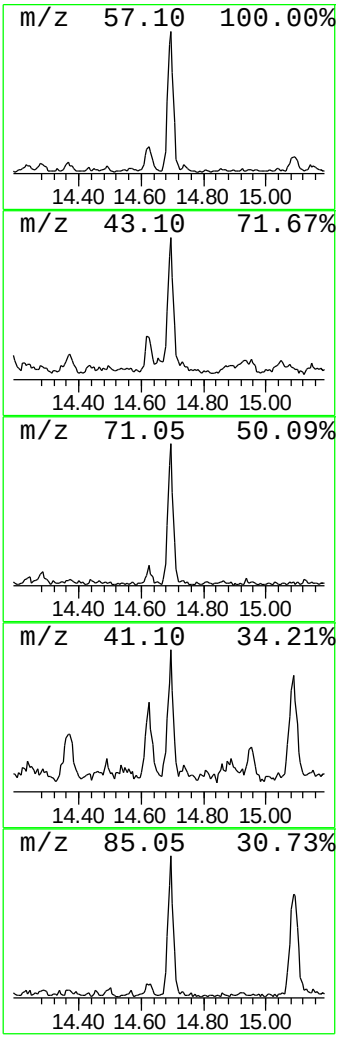
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	10.83 ng/ul	787966	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Tetradecane	198	C14H30	000629-59-4	87
3	Hexadecane	226	C16H34	000544-76-3	83
4	Heptadecane	240	C17H36	000629-78-7	81
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

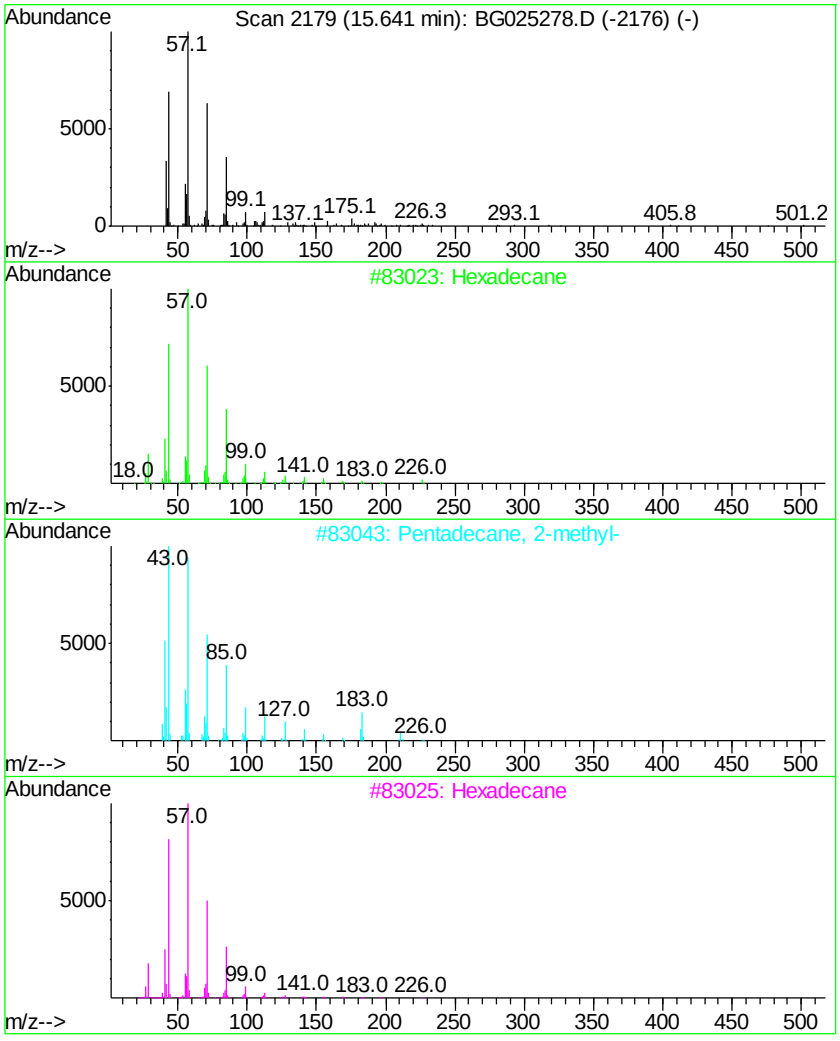
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

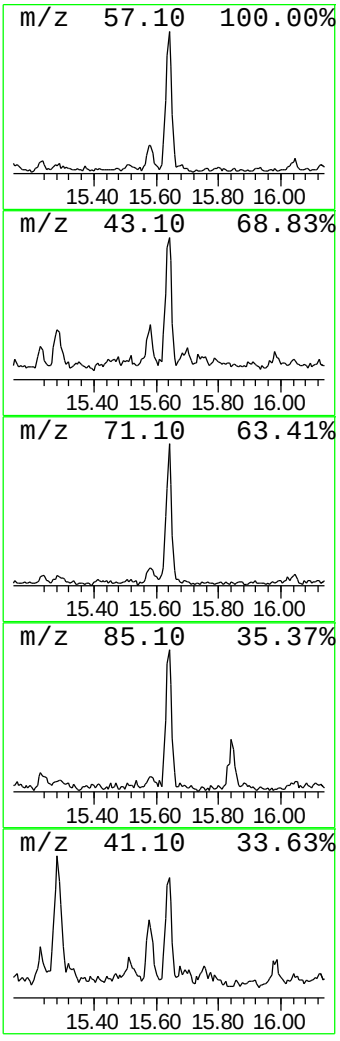
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	7.00 ng/ul	508815	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	74
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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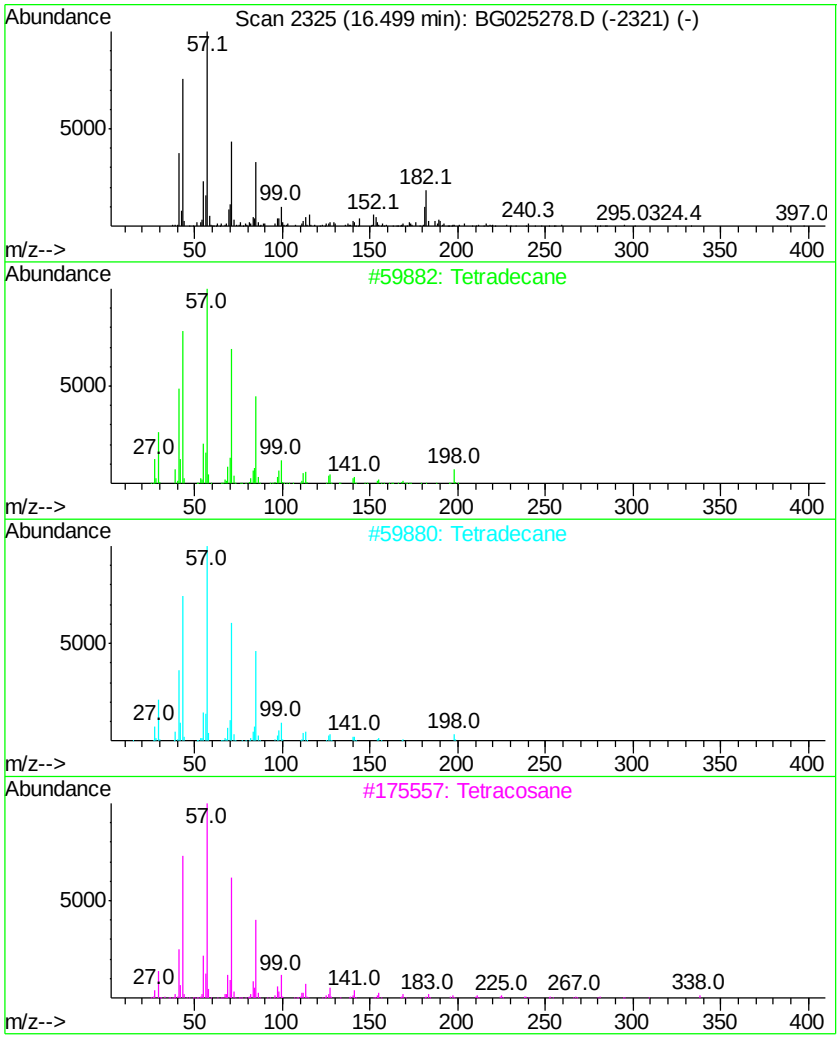
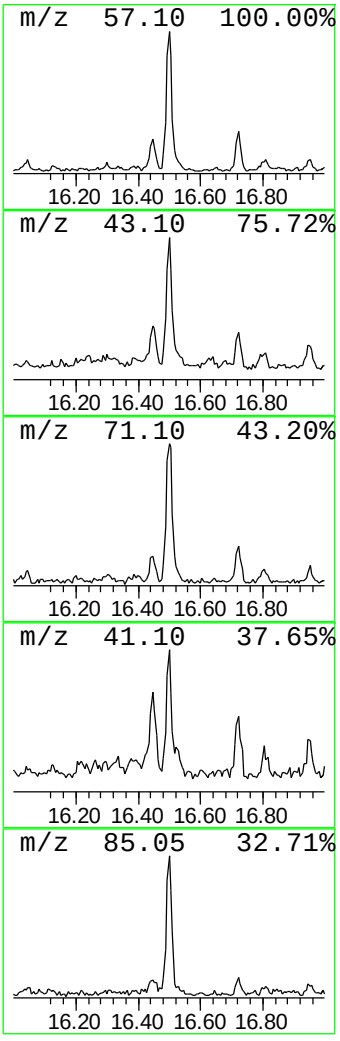
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	16.13 ng/ul	1008700	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Tetradecane	198	C14H30	000629-59-4	76
3	Tetracosane	338	C24H50	000646-31-1	64
4	1-Iodoundecane	282	C11H23I	004282-44-4	64
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

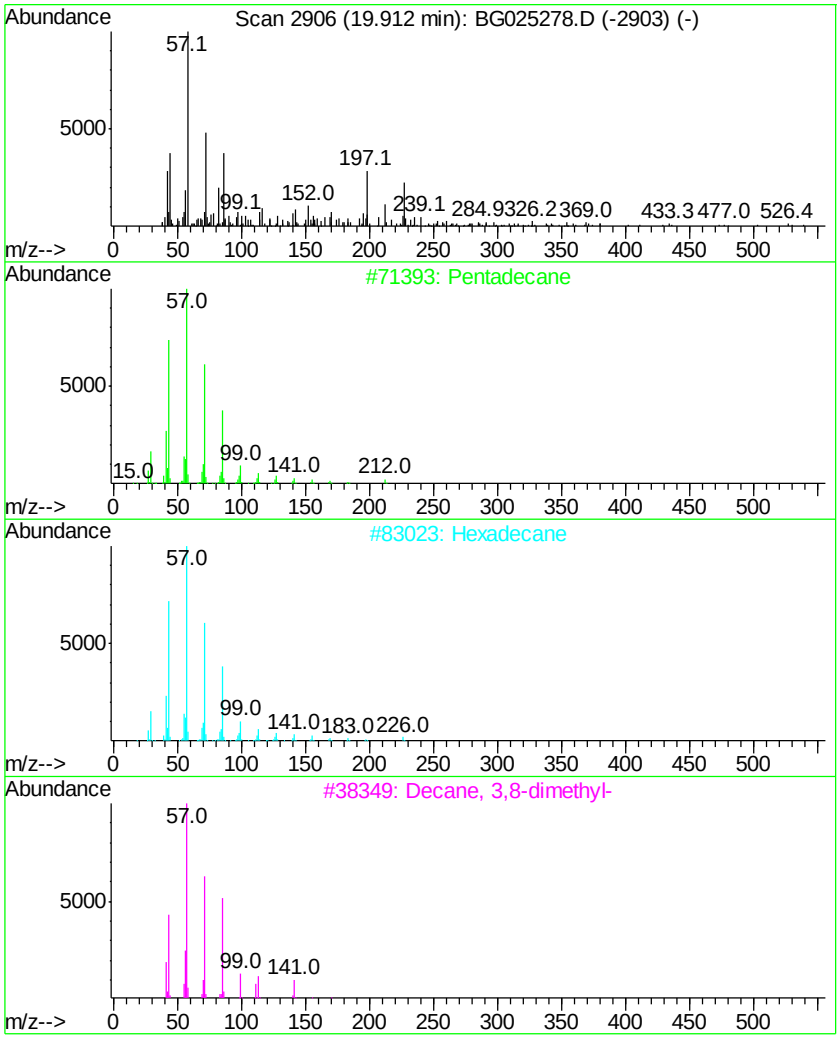
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

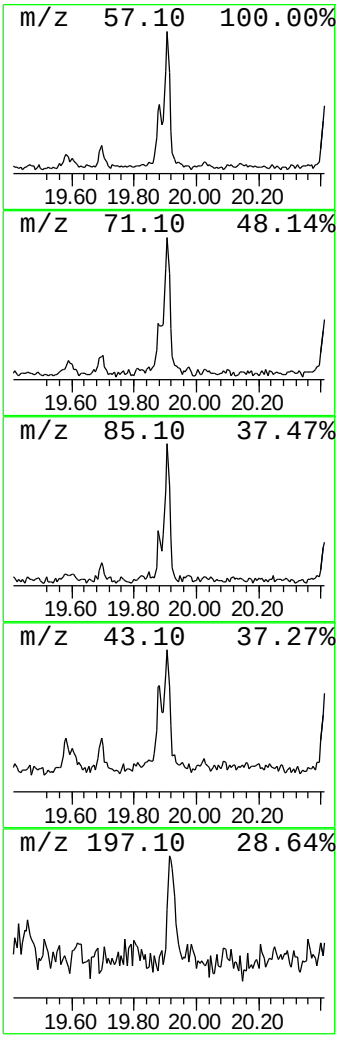
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	5.56 ng/ul	478959	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Hexadecane	226	C16H34	000544-76-3	87
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
4	Tetracosane	338	C24H50	000646-31-1	80
5	Nonadecane	268	C19H40	000629-92-5	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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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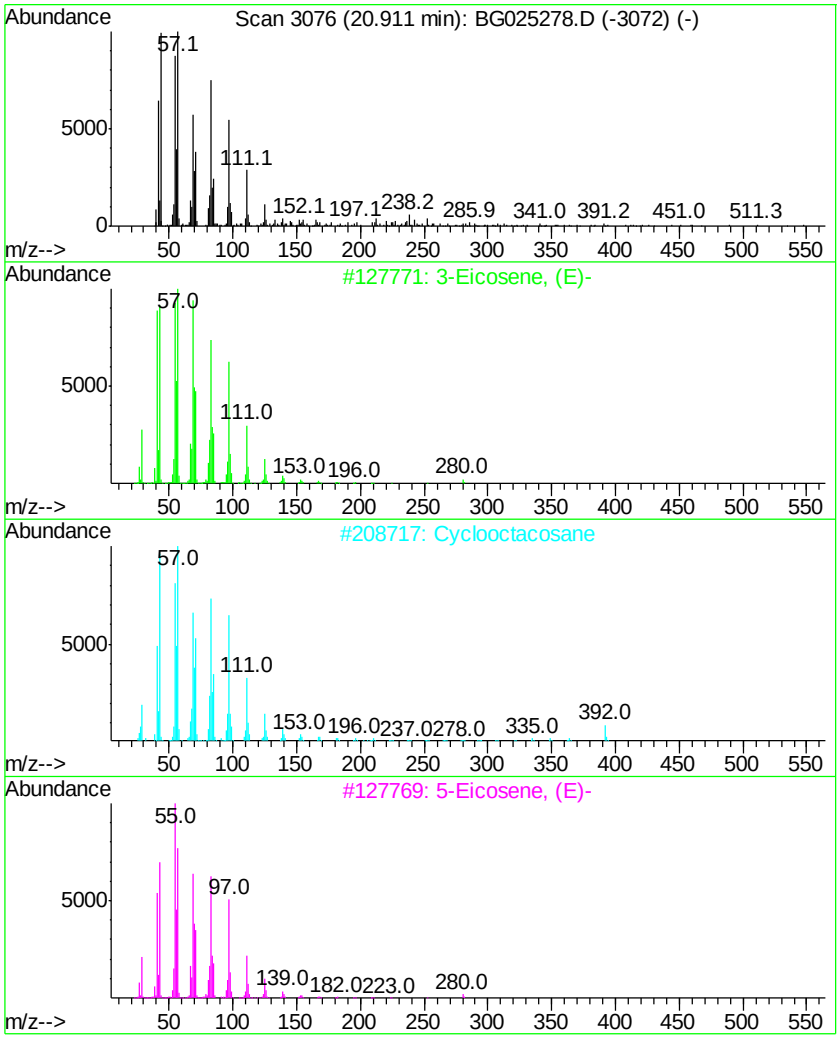
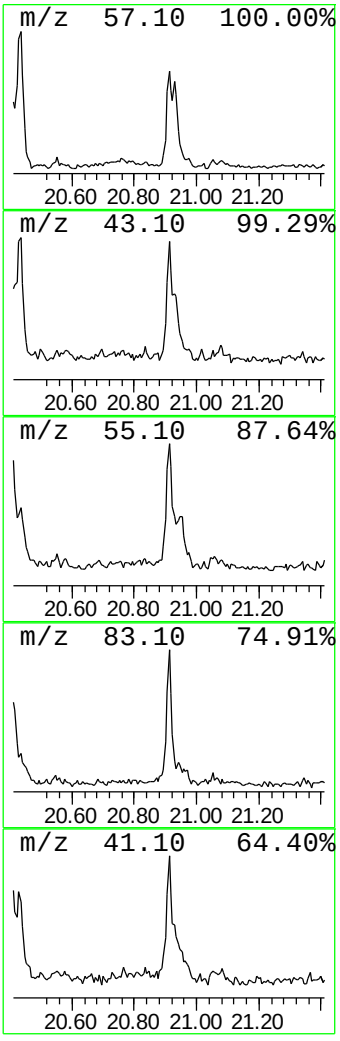
Peak Number 64 (DEL) Alkane: Cyclic20.91 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	14.97 ng/ul	1289080	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Cyclooctacosane	392	C28H56	000297-24-5	94
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
4	1-Octadecanethiol	286	C18H38S	002885-00-9	93
5	1-Octadecene	252	C18H36	000112-88-9	92





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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

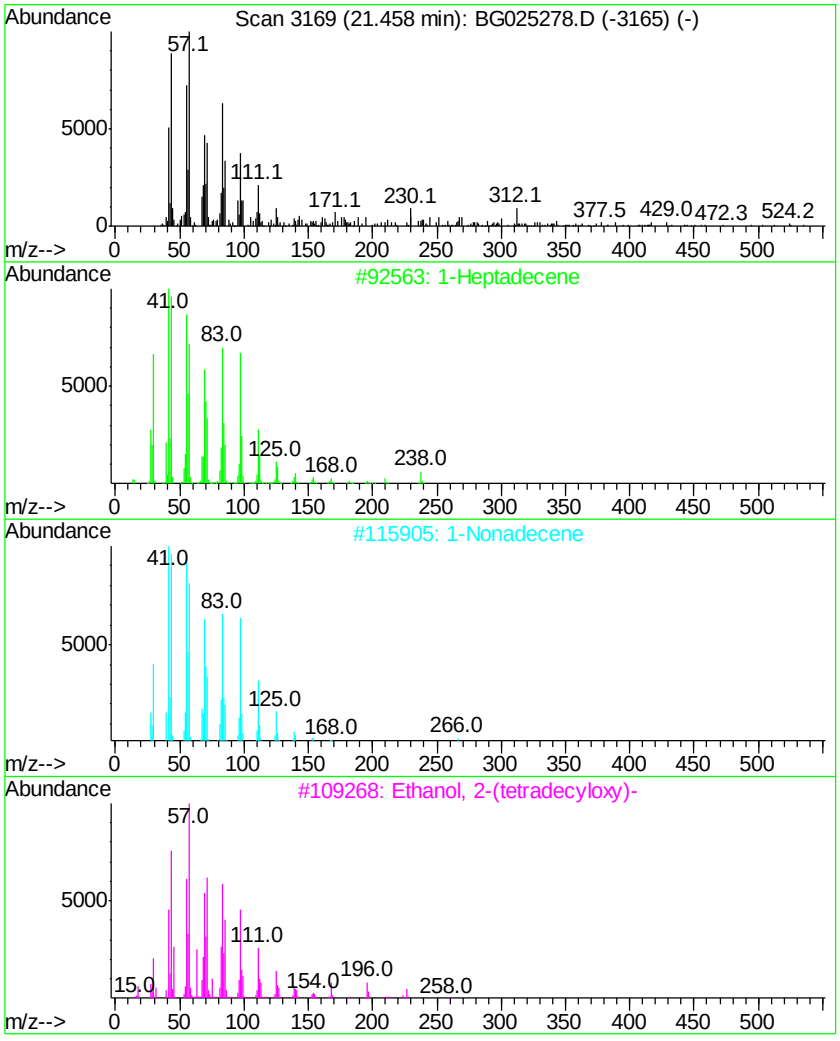
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

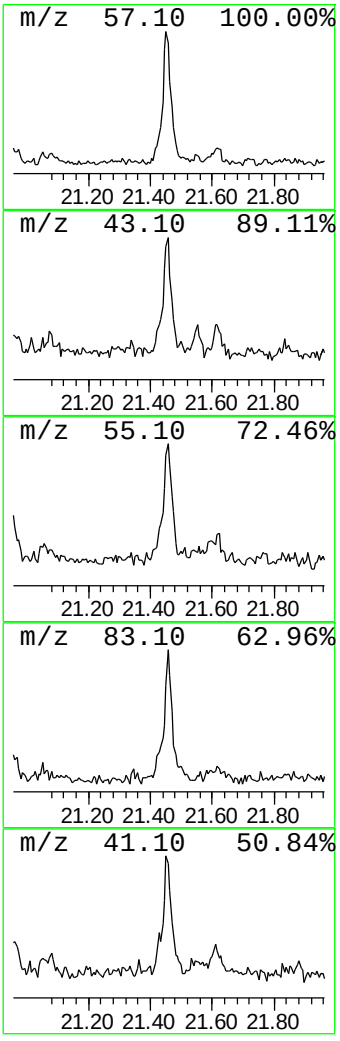
****

Peak Number 65 (DEL) Alkane: Cyclic21.46 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	7.63 ng/ul	656719	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	83
2	1-Nonadecene	266	C19H38	018435-45-5	83
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	83
4	Behenic alcohol	326	C22H46O	000661-19-8	81
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025278.D
Acq On : 17 Dec 2016 17:31
Operator : UM/SJ
Sample : H6040-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9

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
Furan, 2-ethyl-5-...	4.68	14.9	ng/ul	458529	1	8.24	614940	20.0
Benzene, 1,3-dime...	5.83	62.5	ng/ul	1922270	1	8.24	614940	20.0
Benzene, 1-ethyl-...	7.29	20.0	ng/ul	616236	1	8.24	614940	20.0
Benzene, 1-ethyl-...	7.60	21.4	ng/ul	658478	1	8.24	614940	20.0
Benzene, 1,2,3-tr...	7.86	34.5	ng/ul	1059600	1	8.24	614940	20.0
Benzofuran	7.95	24.3	ng/ul	746076	1	8.24	614940	20.0
unknown-01	8.54	18.6	ng/ul	572547	1	8.24	614940	20.0
Indane	8.60	13.1	ng/ul	404119	1	8.24	614940	20.0
Indene	8.77	15.7	ng/ul	481728	1	8.24	614940	20.0
Bicyclo[3.2.1]oct...	8.86	17.2	ng/ul	529502	1	8.24	614940	20.0
(DEL) Alkane: Cyc...	9.30	13.6	ng/ul	419506	1	8.24	614940	20.0
Phenol, 2,6-dimet...	9.67	70.9	ng/ul	1632470	2	11.06	460468	20.0
5-Methylbenzimida...	9.71	36.2	ng/ul	833040	2	11.06	460468	20.0
Benzofuran, 2-met...	9.78	86.0	ng/ul	1978980	2	11.06	460468	20.0
Phenol, 2-ethyl-	10.01	41.6	ng/ul	957674	2	11.06	460468	20.0
Phenol, 3-ethyl-	10.51	383.7	ng/ul	8835100	2	11.06	460468	20.0
Phenol, 2,5-dimet...	10.54	154.6	ng/ul	3558520	2	11.06	460468	20.0
Phenol, 2,4,5-tri...	10.88	48.2	ng/ul	1109170	2	11.06	460468	20.0
(DEL) Alkane: Str...	10.98	17.6	ng/ul	404561	2	11.06	460468	20.0
1-Naphthalenol, 5...	11.29	57.4	ng/ul	1320500	2	11.06	460468	20.0
unknown-02	11.42	64.0	ng/ul	1473560	2	11.06	460468	20.0
Benzonitrile, 4-(...	11.46	30.6	ng/ul	705466	2	11.06	460468	20.0
Phenol, 4-ethyl-3...	11.59	72.1	ng/ul	1659350	2	11.06	460468	20.0
Phenol, 2-ethyl-6...	11.65	46.5	ng/ul	1071370	2	11.06	460468	20.0
Phenol, 3-propyl-	11.88	326.9	ng/ul	7527120	2	11.06	460468	20.0
Phenol, 2,4,6-tri...	12.07	55.8	ng/ul	1284840	2	11.06	460468	20.0
(DEL) Alkane: Str...	12.41	23.8	ng/ul	547131	2	11.06	460468	20.0
(DEL) Alkane: Cyc...	13.55	13.8	ng/ul	1004210	3	14.86	1454730	20.0
(DEL) Alkane: Str...	13.63	10.0	ng/ul	724839	3	14.86	1454730	20.0
(DEL) Alkane: Str...	14.69	10.8	ng/ul	787966	3	14.86	1454730	20.0
(DEL) Alkane: Str...	15.64	7.0	ng/ul	508815	3	14.86	1454730	20.0
(DEL) Alkane: Str...	16.50	16.1	ng/ul	1008700	4	17.60	1251010	20.0
(DEL) Alkane: Str...	19.91	5.6	ng/ul	478959	5	21.90	1721950	20.0
(DEL) Alkane: Cyc...	20.91	15.0	ng/ul	1289080	5	21.90	1721950	20.0
(DEL) Alkane: Cyc...	21.46	7.6	ng/ul	656719	5	21.90	1721950	20.0