LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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	5.846	504	512	525	rVB2	151718	372361	11.70%	0.580%
2	6.222	565	576	584	rVV3	117917	313398	9.85%	0.488%
3	7.309	752	761	766	rVB	103655	205077	6.44%	0.319%
4	7.385	766	774	792	rVB3	312949	917078	28.82%	1.428%
5	7.556	796	803	808	rBV	203444	353682	11.11%	0.551%
6	7.614	808	813	820	rVB5	85350	174888	5.50%	0.272%
7	7.767	831	839	845	rVV2	241520	429251	13.49%	0.668%
8	7.879	852	858	865	rVB	186117	325565	10.23%	0.507%
9	7.961	866	872	880	rVB2	139715	245923	7.73%	0.383%
10	8.243	912	920	930	rVB	323392	614715	19.31%	0.957%
11	8.349	932	938	945	rBV3	98099	204537	6.43%	0.318%
12	8.513	960	966	977	rVB3	253919	552319	17.35%	0.860%
13	8.678	988	994	1000	rVV	182066	302748	9.51%	0.471%
14	8.883	1019	1029	1033	rBV5	179732	400350	12.58%	0.623%
15	8.942	1033	1039	1044	rVV	334058	601994	18.91%	0.937%
16	9.007	1044	1050	1071	rVB2	706341	1493545	46.93%	2.325%
17	9.353	1096	1109	1114	rVV9	122509	424898	13.35%	0.661%
18	9.418	1114	1120	1130	rVB2	335581	775090	24.35%	1.207%
19	9.524	1130	1138	1143	rBV7	88563	209428	6.58%	0.326%
20	9.600	1143	1151	1157	rVV8	82785	195424	6.14%	0.304%
21	9.671	1157	1163	1167	rVV2	212274	375539	11.80%	0.585%
22	9.718	1167	1171	1178	rVV2	152711	353807	11.12%	0.551%
23	9.794	1178	1184	1192	rVB	393499	718599	22.58%	1.119%
24	10.012	1214	1221	1229	rVB2	166525	346145	10.88%	0.539%
25	10.147	1230	1244	1251	rBV5	319512	720517	22.64%	1.122%
26	10.217	1251	1256	1259	rBV	520790	905331	28.45%	1.409%
27	10.487	1291	1302	1306	rBV2	1102072	2539278	79.79%	3.953%
28	10.523	1306	1308	1320	rVB2	772451	1179850	37.07%	1.837%
29	10.681	1329	1335	1342	rVV2	556998	1074737	33.77%	1.673%
30	10.875	1361	1368	1371	rBV4	195218	378457	11.89%	0.589%
31	10.916	1372	1375	1383	rVB2	217766	429142	13.48%	0.668%
32	10.993	1384	1388	1392	rVB	111742	186472	5.86%	0.290%
33	11.069	1396	1401	1406	rBV	419517	738037	23.19%	1.149%
34	11.122	1406	1410	1416	rVB2	193073	349706	10.99%	0.544%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

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

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

35	11.204	1416	1424	1431	rBV3	478471	953544	29.96%	1.485%
36	11.304	1435	1441	1453	rVB6	187460	606491	19.06%	0.944%
37	11.422	1453	1461	1465	rBV4	287986	681941	21.43%	1.062%
38	11.475	1465	1470	1477	rVB3	361528	816380	25.65%	1.271%
39	11.586	1484	1489	1494	rVB	454602	726644	22.83%	1.131%
40	11.657	1494	1501	1507	rVB	235012	576296	18.11%	0.897%
41	11.874	1531	1538	1544	rBV2	1848525	3182638	100.00%	4.955%
42	12.068	1566	1571	1575	rBV3	257718	483456	15.19%	0.753%
43	12.121	1575	1580	1584	rVB	247420	422612	13.28%	0.658%
44	12.238	1596	1600	1610	rVB5	125145	339741	10.67%	0.529%
45	12.321	1610	1614	1619	rBV6	103485	170916	5.37%	0.266%
46	12.426	1627	1632	1644	rVB2	286905	650991	20.45%	1.013%
47	12.585	1656	1659	1669	rVB5	126994	302189	9.49%	0.470%
48	12.708	1674	1680	1683	rBV	383984	643062	20.21%	1.001%
49	12.826	1696	1700	1704	rBV2	114797	178225	5.60%	0.277%
50	12.920	1712	1716	1726	rVB3	250956	503558	15.82%	0.784%
51	13.008	1726	1731	1734	rBV4	180632	318431	10.01%	0.496%
52	13.043	1734	1737	1742	rVB2	228424	326715	10.27%	0.509%
53	13.214	1760	1766	1770	rBV4	166743	312008	9.80%	0.486%
54	13.272	1771	1776	1783	rVV5	150190	371325	11.67%	0.578%
55	13.343	1784	1788	1802	rVB5	157451	532426	16.73%	0.829%
56	13.566	1816	1826	1834	rBV4	156753	520485	16.35%	0.810%
57	13.648	1835	1840	1844	rVB	264916	404604	12.71%	0.630%
58	13.831	1861	1871	1876	rBV8	120639	334304	10.50%	0.520%
59	13.995	1894	1899	1903	rBV4	135172	295596	9.29%	0.460%
60	14.042	1904	1907	1913	rVB7	177787	283881	8.92%	0.442%
61	14.183	1924	1931	1934	rBV4	188753	362661	11.39%	0.565%
62	14.254	1935	1943	1947	rVB	792684	1418771	44.58%	2.209%
63	14.301	1948	1951	1955	rVV2	204638	300357	9.44%	0.468%
64	14.348	1955	1959	1965	rVB4	222868	363782	11.43%	0.566%
65	14.424	1967	1972	1977	rBV3	121608	209583	6.59%	0.326%
66	14.559	1988	1995	2004	rBV	785259	1409856	44.30%	2.195%
67	14.636	2004	2008	2013	rVV4	112162	157591	4.95%	0.245%
68	14.706	2013	2020	2025	rVV	281823	438686	13.78%	0.683%
69	14.818	2035	2039	2041	rBV3	137846	174215	5.47%	0.271%
70	14.865	2041	2047	2052	rVV	752038	1284156	40.35%	1.999%
71	15.047	2069	2078	2082	rBV4	416174	704365	22.13%	1.097%

LSC Area Percent Report

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Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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	15.147	2090	2095	2105	rBV6	123240	271590	8.53%	0.423%
73	15.264	2105	2115	2120	rBV7	167259	401663	12.62%	0.625%
74	15.376	2130	2134	2141	rVB5	83676	177605	5.58%	0.277%
75	15.517	2154	2158	2167	rVV10	120574	264802	8.32%	0.412%
76	15.617	2167	2175	2178	rVV4	165780	468675	14.73%	0.730%
77	15.652	2178	2181	2193	rVB	330439	554227	17.41%	0.863%
78	15.846	2205	2214	2228	rBV	1057166	2004651	62.99%	3.121%
79	15.963	2228	2234	2241	rVB	461359	733046	23.03%	1.141%
80	16.457	2314	2318	2323	rVB4	150090	248987	7.82%	0.388%
81	16.510	2323	2327	2331	rBV	404002	542043	17.03%	0.844%
82	16.739	2362	2366	2370	rVB2	152338	198508	6.24%	0.309%
83	17.262	2450	2455	2458	rBV5	137900	217554	6.84%	0.339%
84	17.303	2458	2462	2472	rVB2	353501	559025	17.56%	0.870%
85	17.603	2506	2513	2519	rBV	1050413	1724228	54.18%	2.684%
86	17.703	2525	2530	2537	rVB2	1199706	1867375	58.67%	2.907%
87	17.773	2537	2542	2550	rBV3	315339	596069	18.73%	0.928%
88	18.043	2584	2588	2601	rVB	336670	556536	17.49%	0.866%
89	18.443	2651	2656	2660	rBV3	201963	260640	8.19%	0.406%
90	18.725	2701	2704	2714	rVB	253098	325784	10.24%	0.507%
91	19.348	2807	2810	2818	rVB	242418	315359	9.91%	0.491%
92	19.894	2899	2903	2905	rBV3	160888	186299	5.85%	0.290%
93	19.918	2905	2907	2911	rVV	200931	219895	6.91%	0.342%
94	19.976	2911	2917	2926	rVB	1509983	2340166	73.53%	3.643%
95	20.446	2990	2997	3003	rVB3	221092	390502	12.27%	0.608%
96	20.922	3074	3078	3095	rVB3	209956	460937	14.48%	0.718%
97	21.469	3166	3171	3179	rVB2	321349	500977	15.74%	0.780%
98	21.892	3236	3243	3251	rVB	1238938	2187446	68.73%	3.405%
99	25.070	3774	3784	3799	rVB3	755974	2337573	73.45%	3.639%
100	25.311	3816	3825	3836	rVB2	748078	2150519	67.57%	3.348%

Sum of corrected areas: 64233051

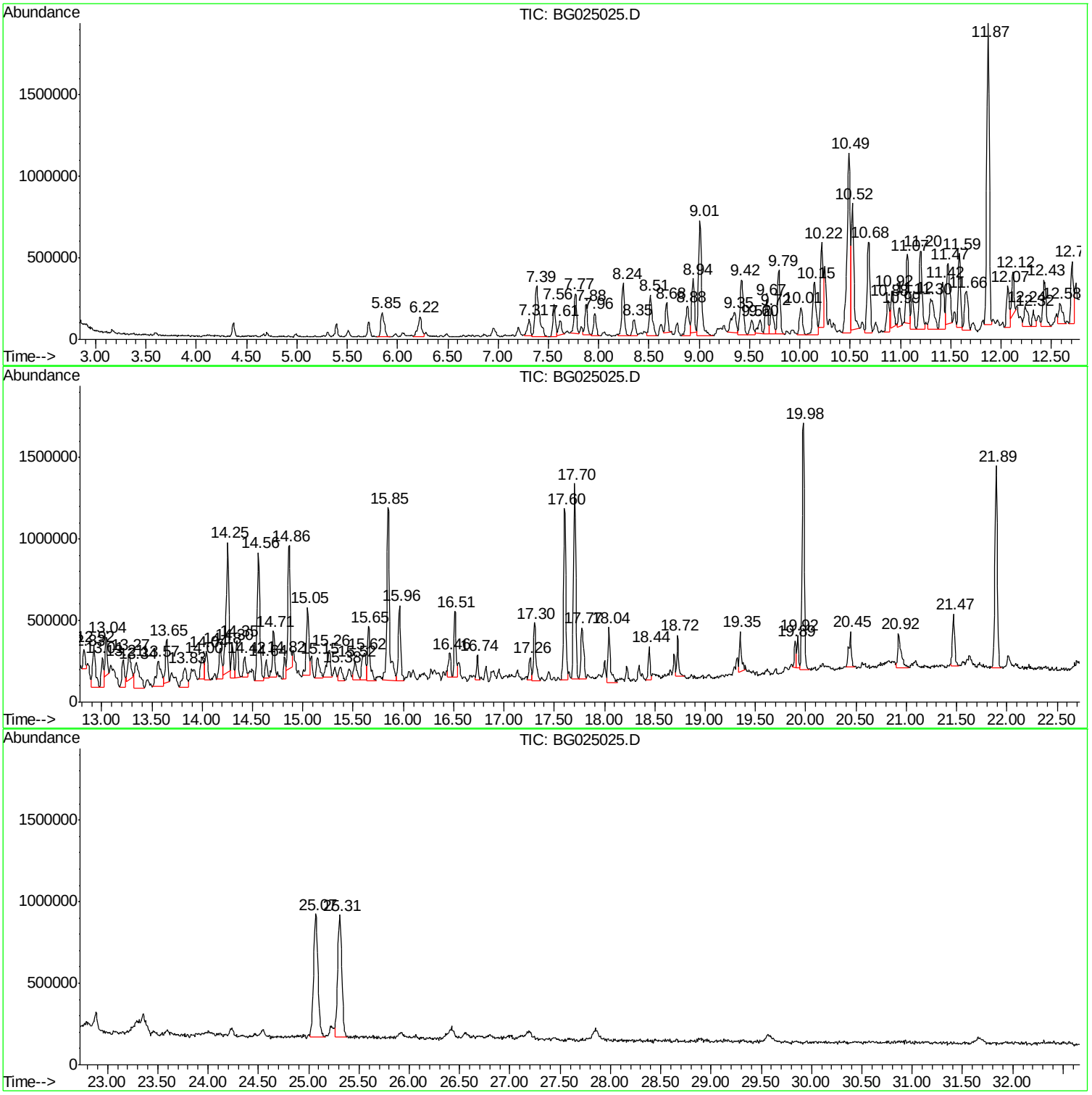
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
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Instrument : BNA_G
ClientSampleId : DA7Z9

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

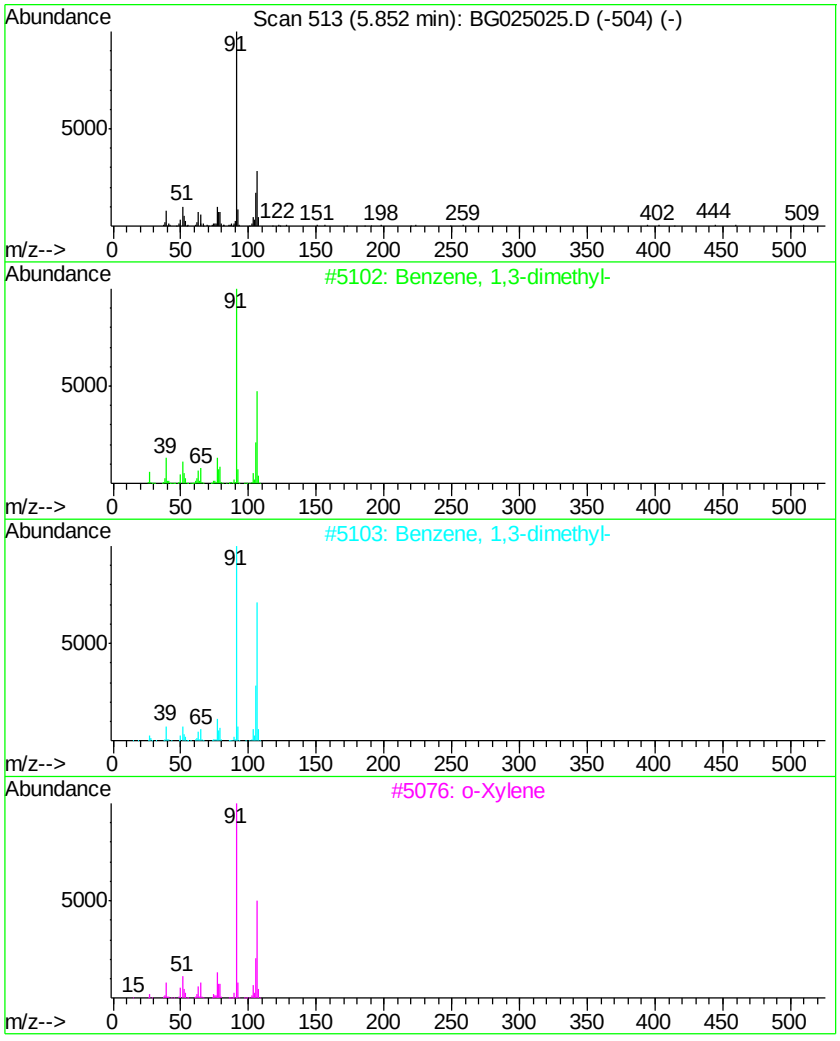
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

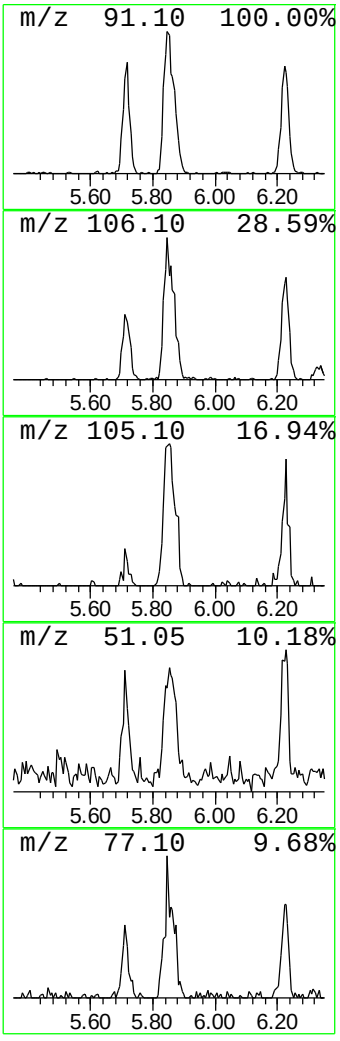
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	12.11 ng/ul	372361	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	90
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	90
3	o-Xylene	106	C8H10	000095-47-6	90
4	o-Xylene	106	C8H10	000095-47-6	90
5	p-Xylene	106	C8H10	000106-42-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

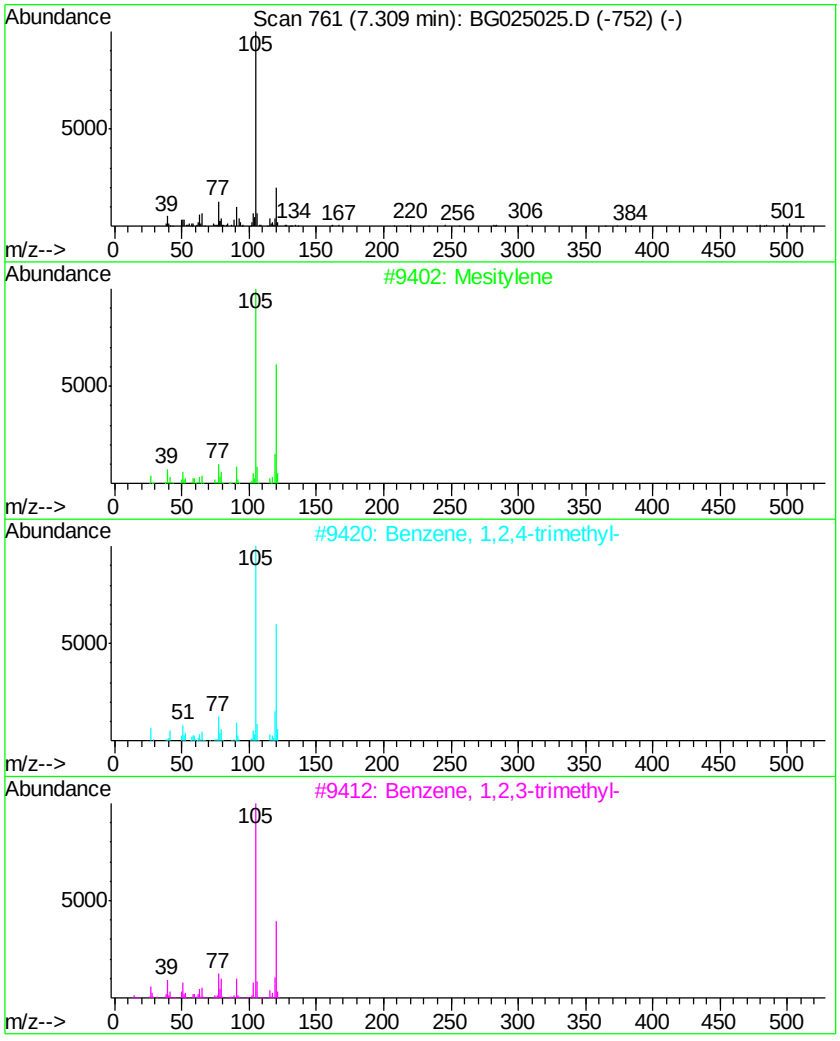
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

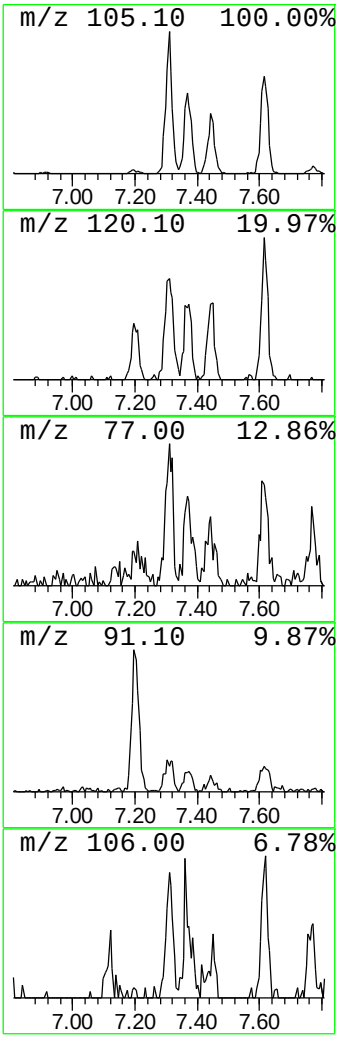
****

Peak Number 3 Mesitylene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	6.67 ng/ul	205077	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	64
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	58
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	52
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	52
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

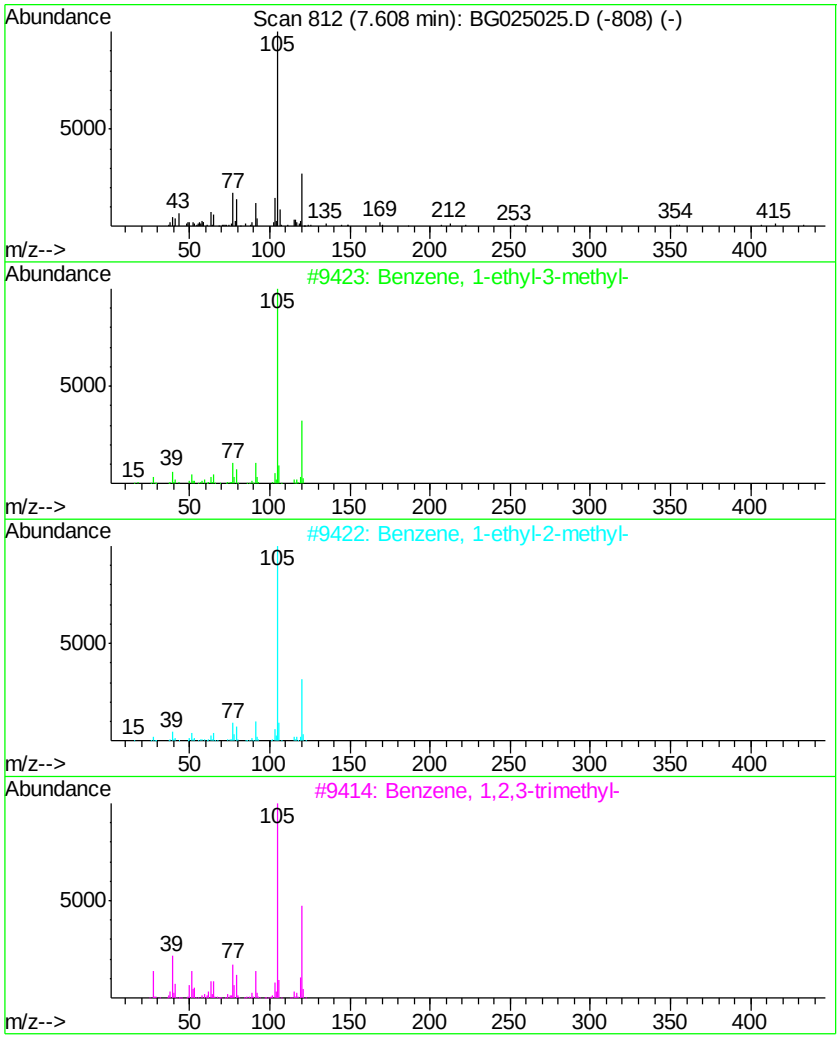
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

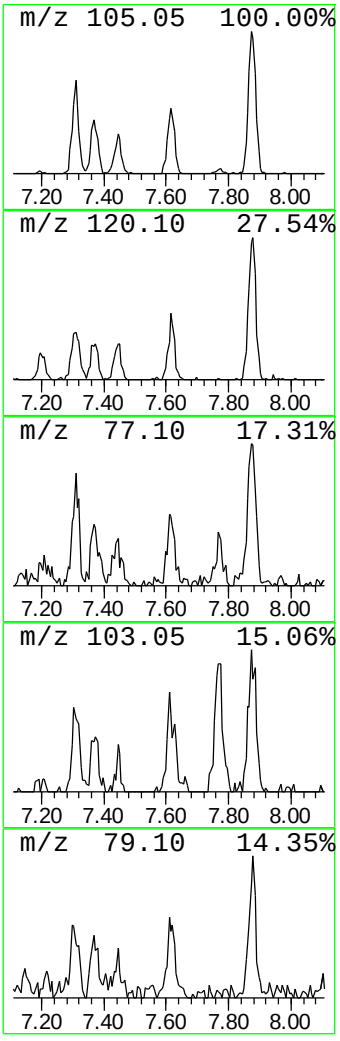
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	5.69 ng/ul	174888	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	83
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	83
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

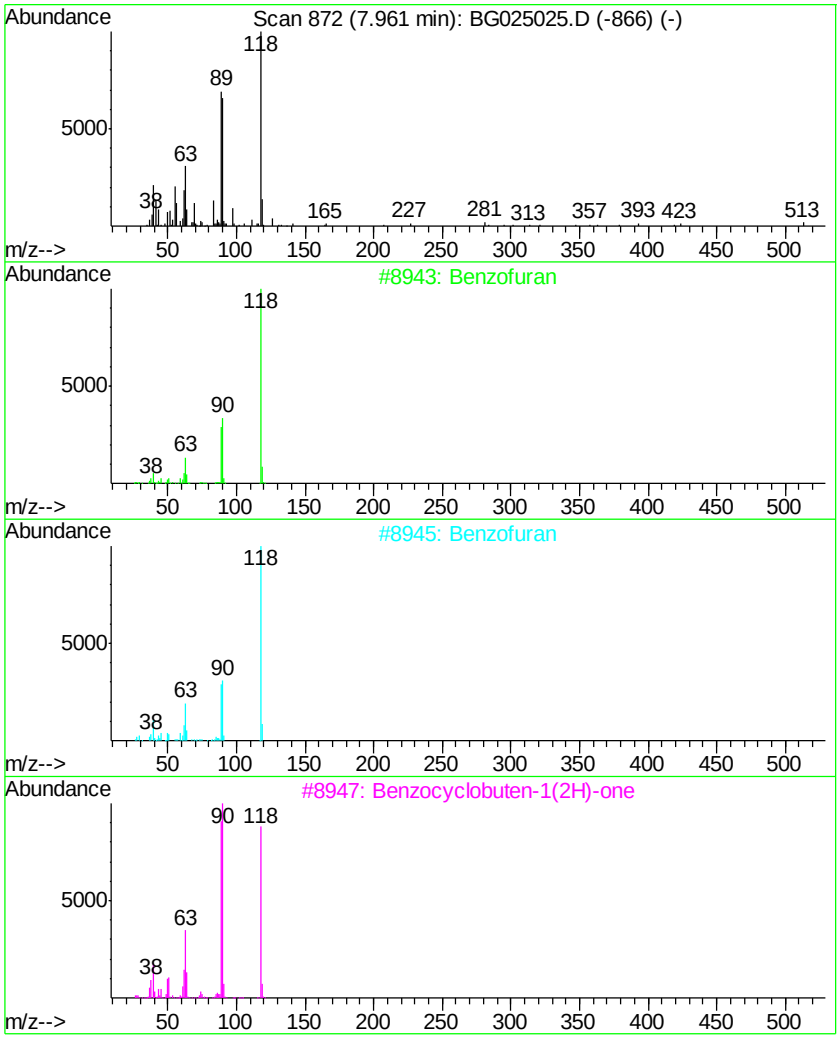
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

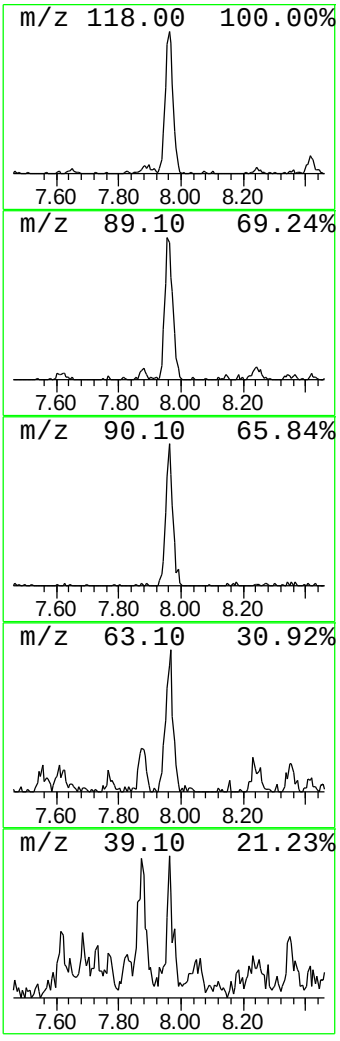
****

Peak Number 6 Benzofuran Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	8.00 ng/ul	245923	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	90
2	Benzofuran	118	C8H6O	000271-89-6	86
3	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	64
4	Coumarin	146	C9H6O2	000091-64-5	56
5	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

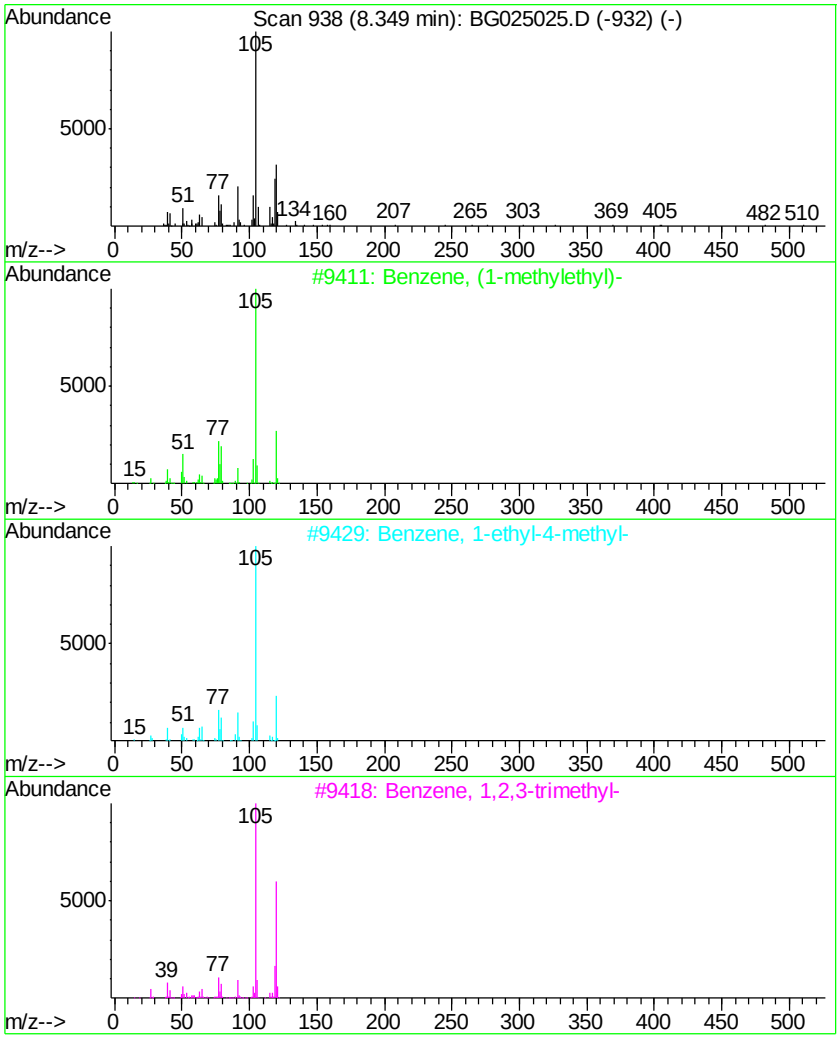
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

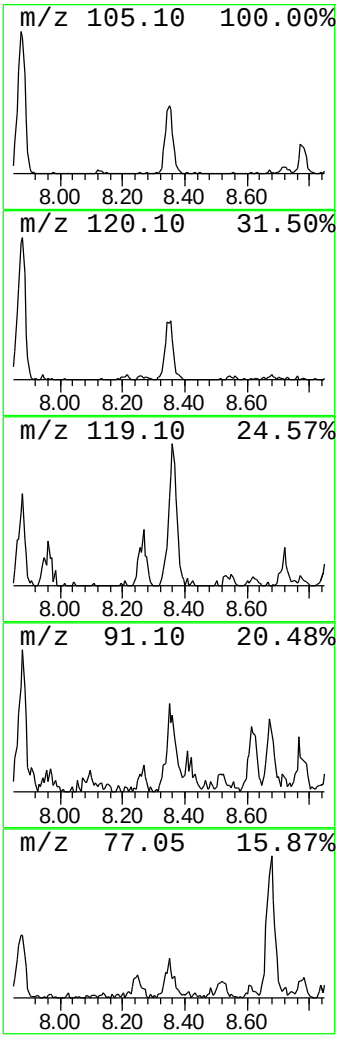
****

Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	6.65 ng/ul	204537	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	58
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	58
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	53
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	52
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	52





Library Search Compound Report

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Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

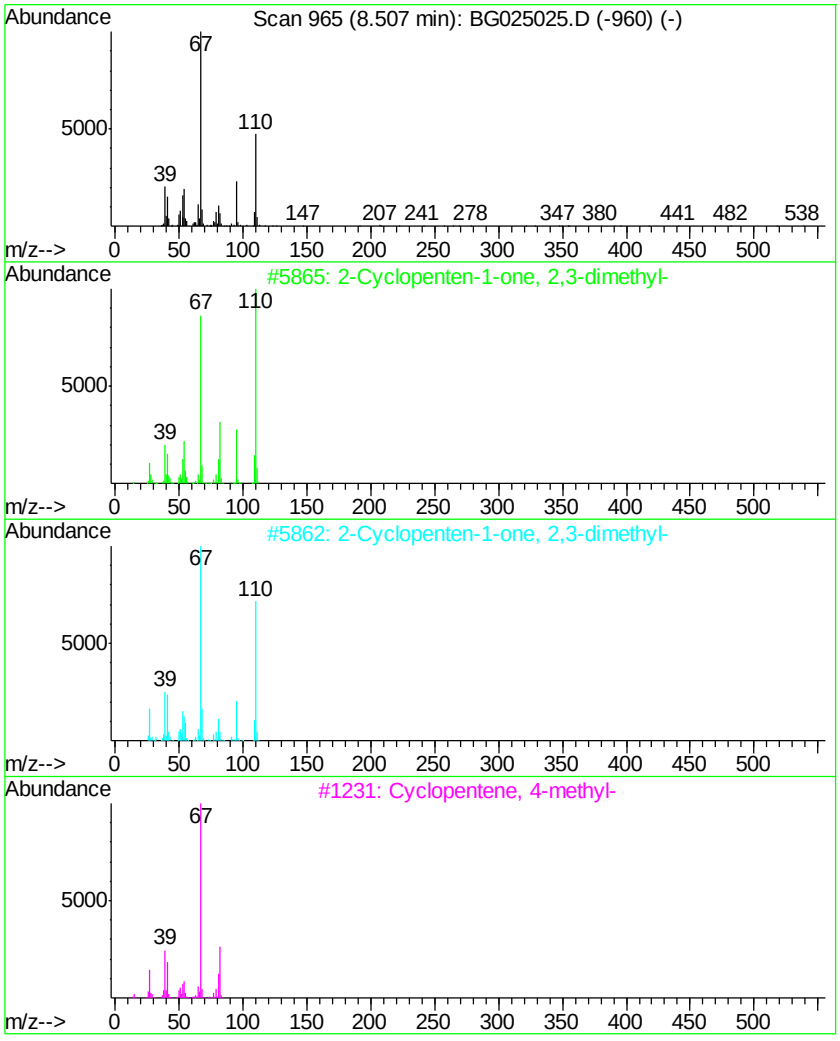
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

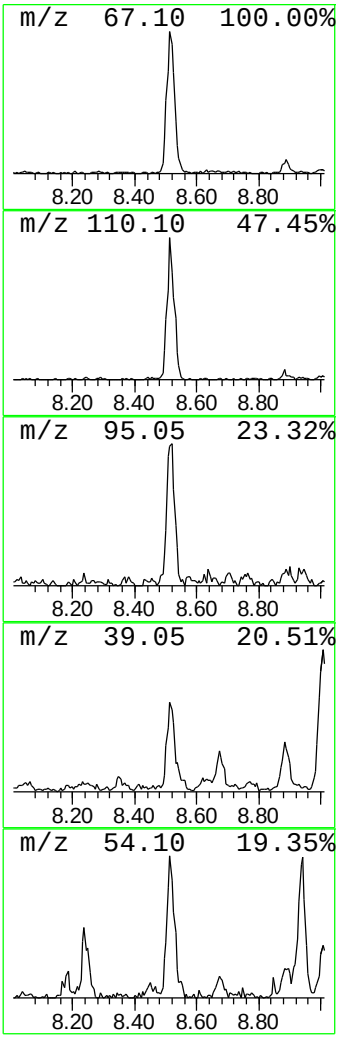
****

Peak Number 8 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	17.97 ng/ul	552319	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	58
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	58
3	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	47
4	1,3,3-Trimethylcyclopropene	82	C6H10	003664-56-0	47
5	Isopropenylcyclopropane	82	C6H10	004663-22-3	47





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Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

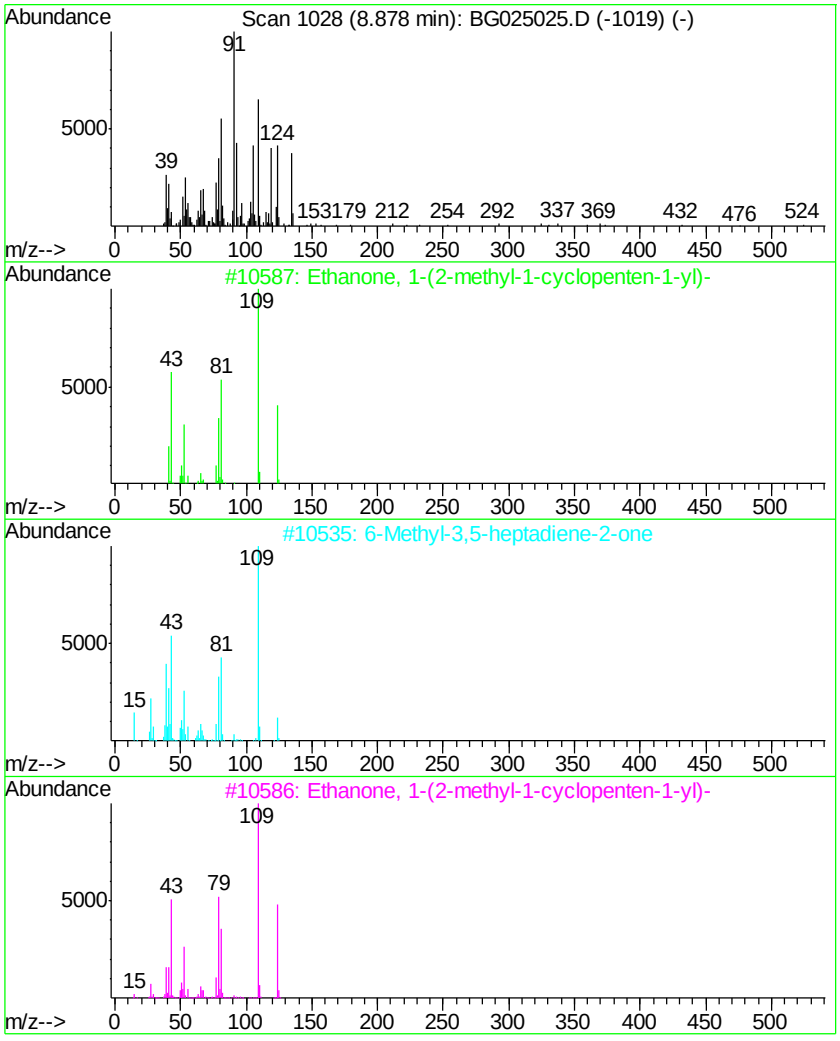
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

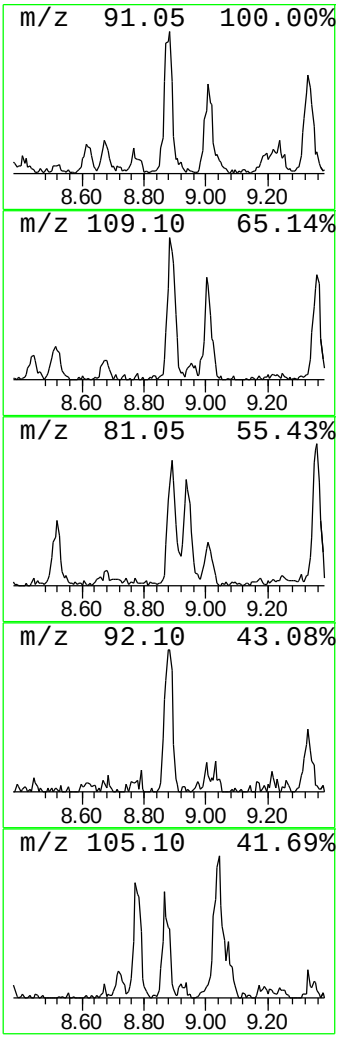
****

Peak Number 9 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	13.03 ng/ul	400350	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	49
2	6-Methyl-3,5-heptadiene-2-one	124	C8H12O	001604-28-0	47
3	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	47
4	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	43
5	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	43





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Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

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

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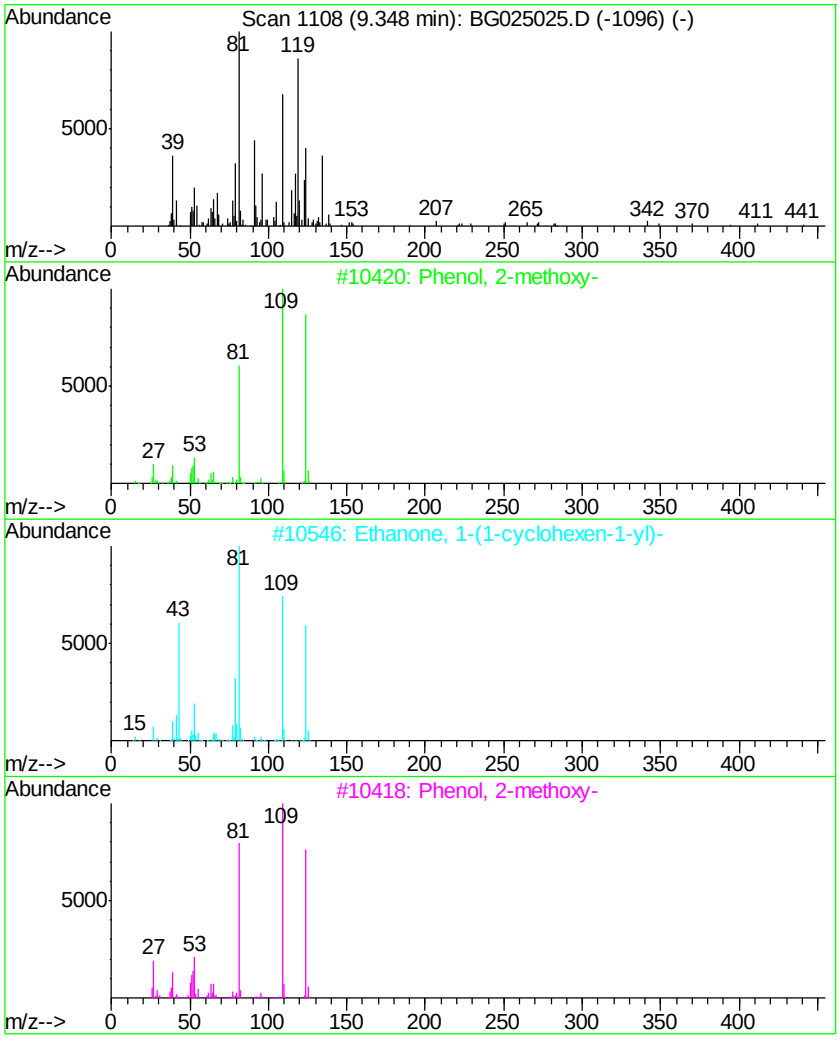
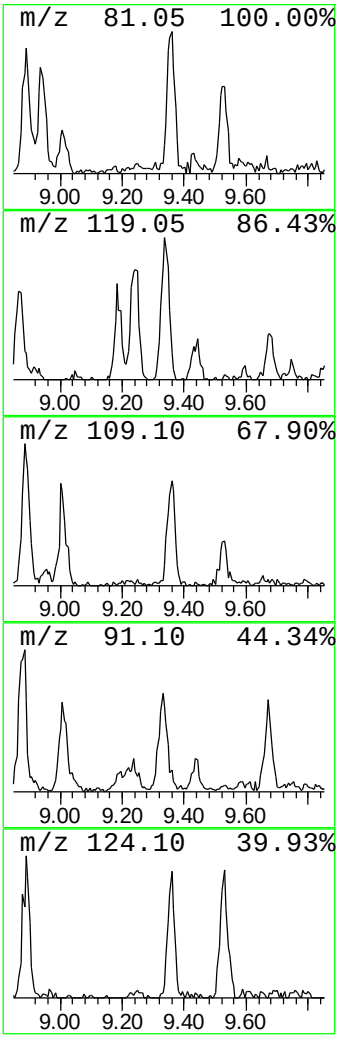
Peak Number 10 Phenol, 2-methoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	13.82 ng/ul	424898	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	58
2	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	52
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	52
4	1-Isopropylcyclohex-1-ene	124	C9H16	004292-04-0	38
5	3-Fluoro-o-xylene	124	C8H9F	000443-82-3	38





Library Search Compound Report

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Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

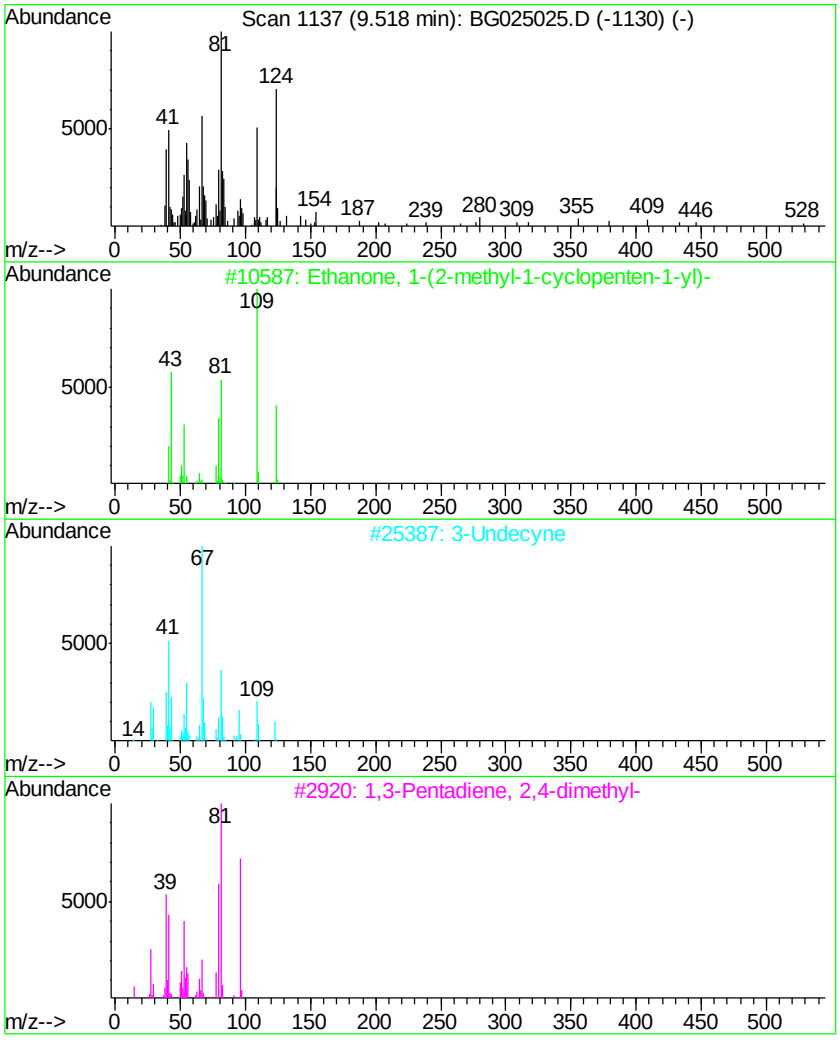
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

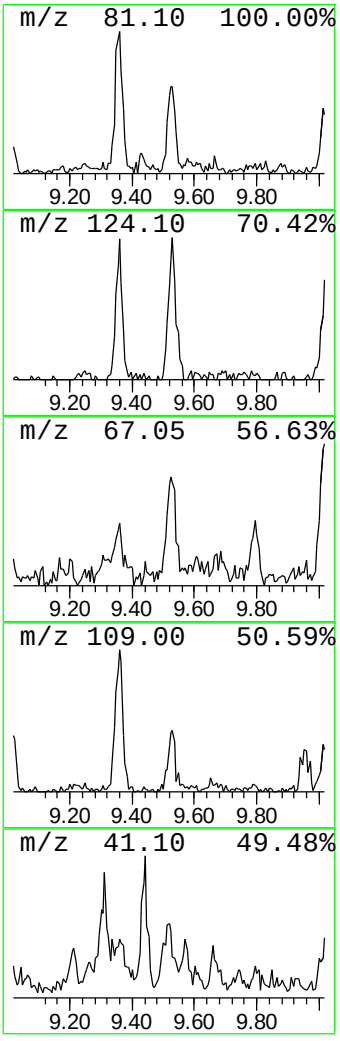
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Ethanone, 1-(2-methyl-1-cyc... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	6.81 ng/ul	209428	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	53
2	3-Undecyne	152	C11H20	060212-30-8	50
3	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	47
4	2,4-Hexadienal, (E,E)-	96	C6H8O	000142-83-6	47
5	2-Cyclopenten-1-one, 2,3,4-trime...	124	C8H12O	028790-86-5	46





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Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

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

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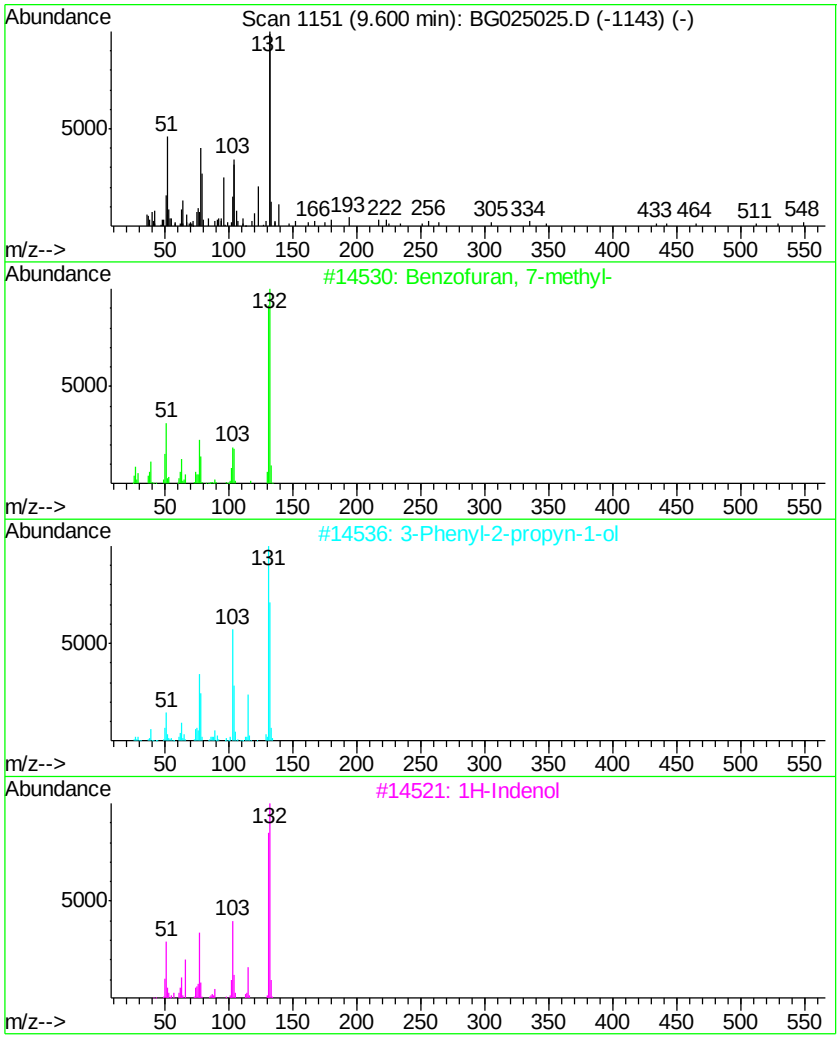
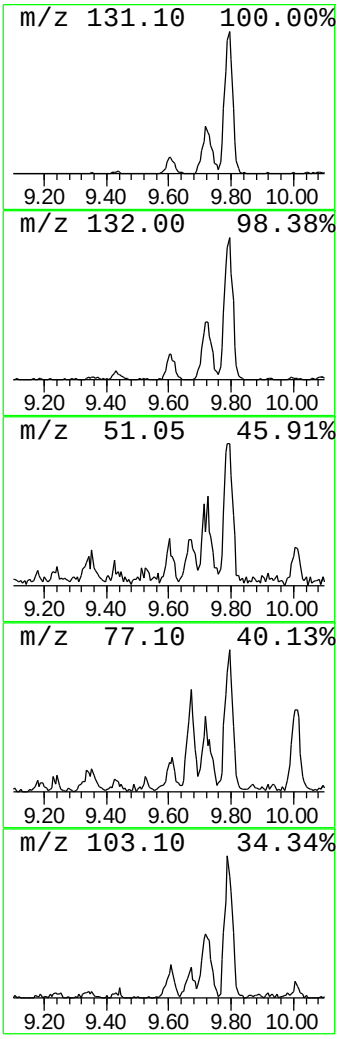
Peak Number 12 Benzofuran, 7-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	6.36 ng/ul	195424	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	81
3	1H-Indenol	132	C9H8O	056631-57-3	81
4	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	81
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	76





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Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

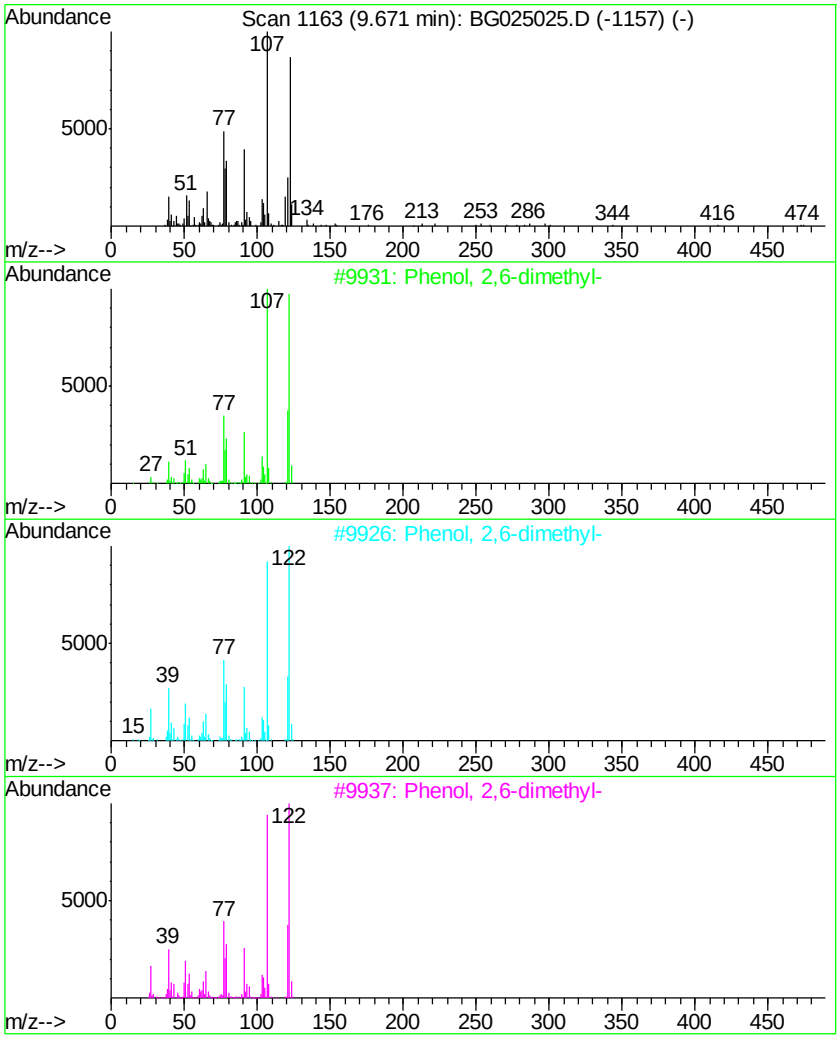
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

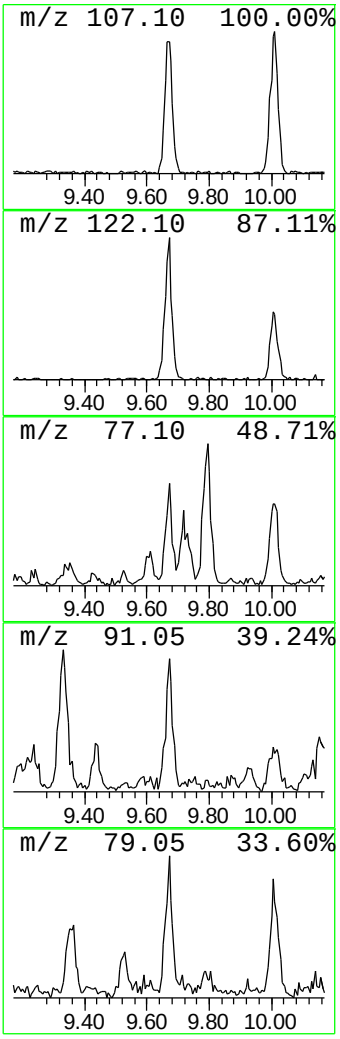
****

Peak Number 13 Phenol, 2,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	10.18 ng/ul	375539	Naphthalene-d8	11.07

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	93
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	90
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87





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Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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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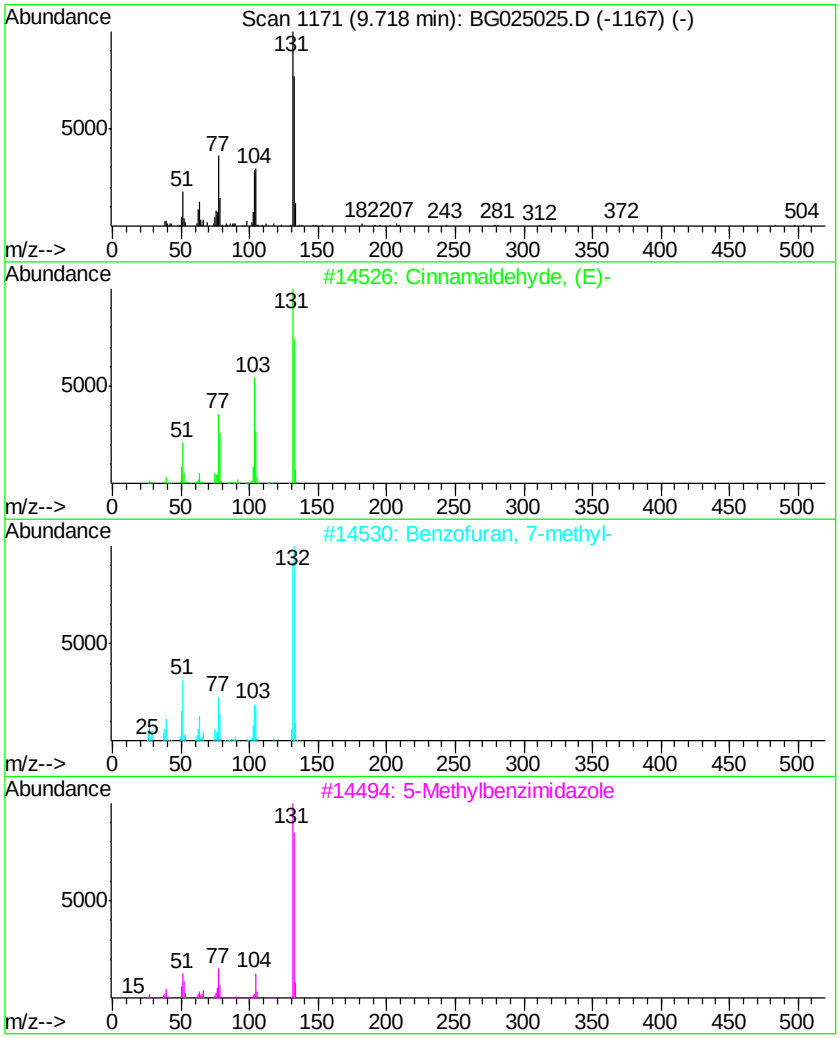
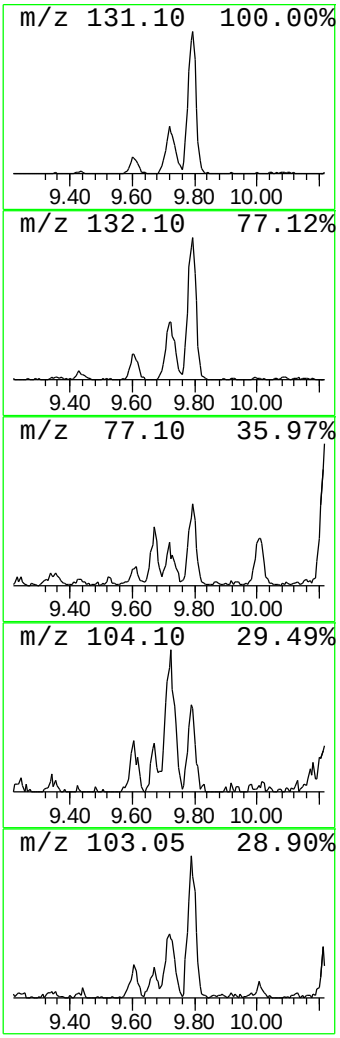
Peak Number 14 Cinnamaldehyde, (E)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	9.59 ng/ul	353807	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
3	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	87
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	83
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	83





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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Quant Title : SVOA CALIBRATION

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

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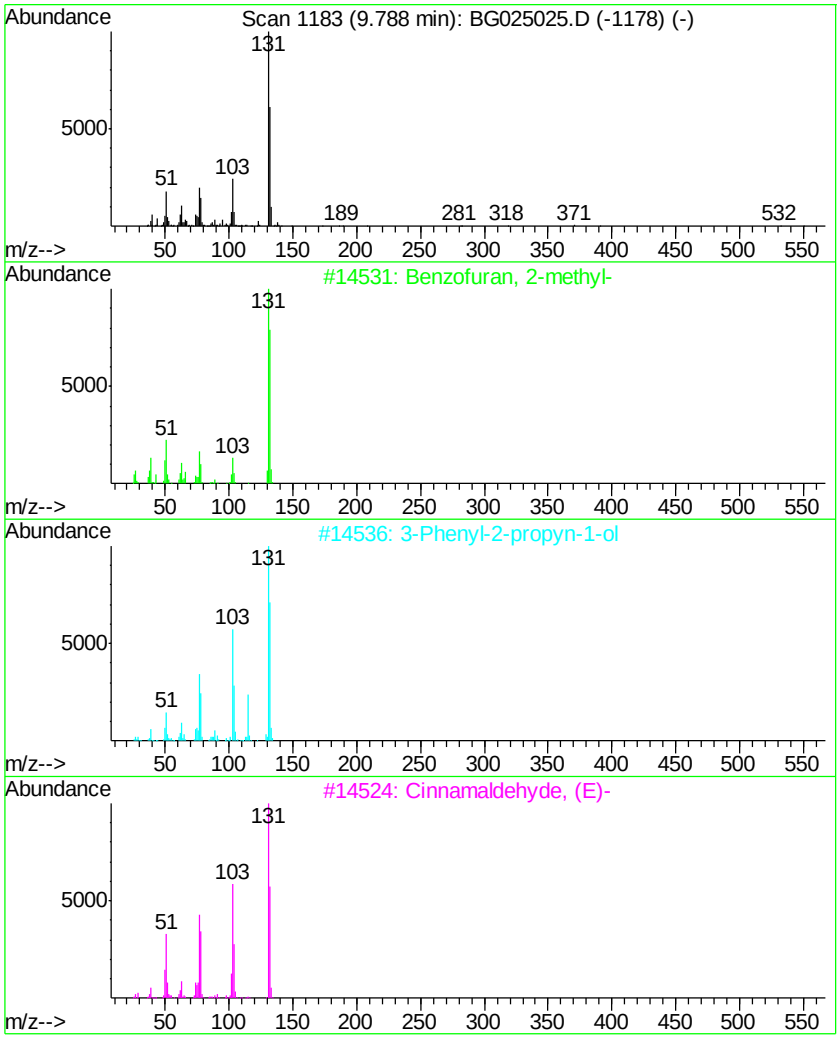
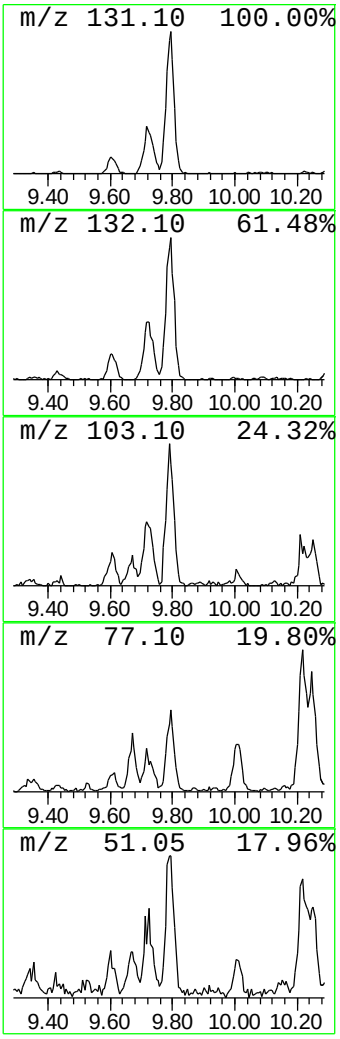
Peak Number 15 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	19.47 ng/ul	718599	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	80
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	72
5	Tricyclo[4.2.1.1(2,5)]deca-3,7-d...	160	C10H8O2	014224-65-8	64





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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Quant Title : SVOA CALIBRATION

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

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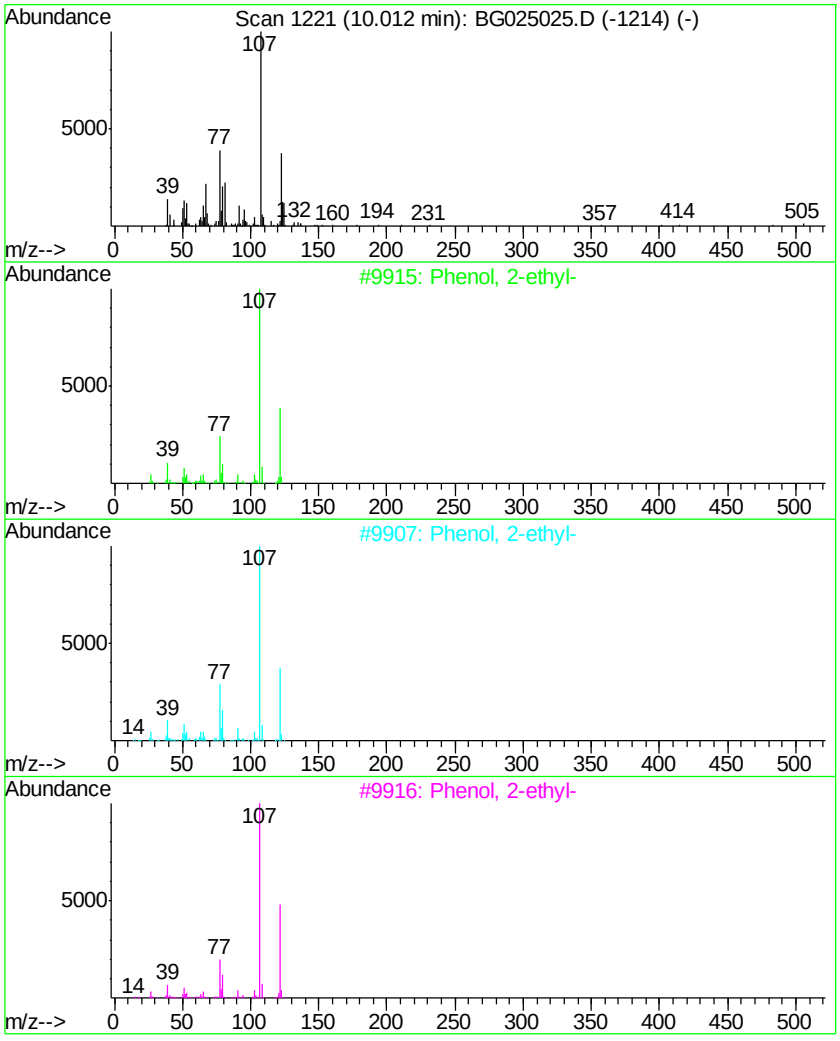
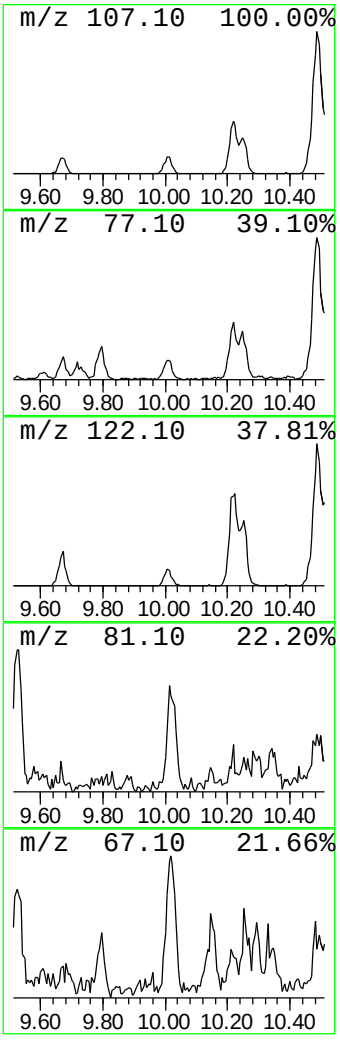
Peak Number 16 Phenol, 2-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	9.38 ng/ul	346145	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	81
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	81
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	72
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	68
5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	58





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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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 Phenol, 3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	68.81 ng/ul	2539280	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	95
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87
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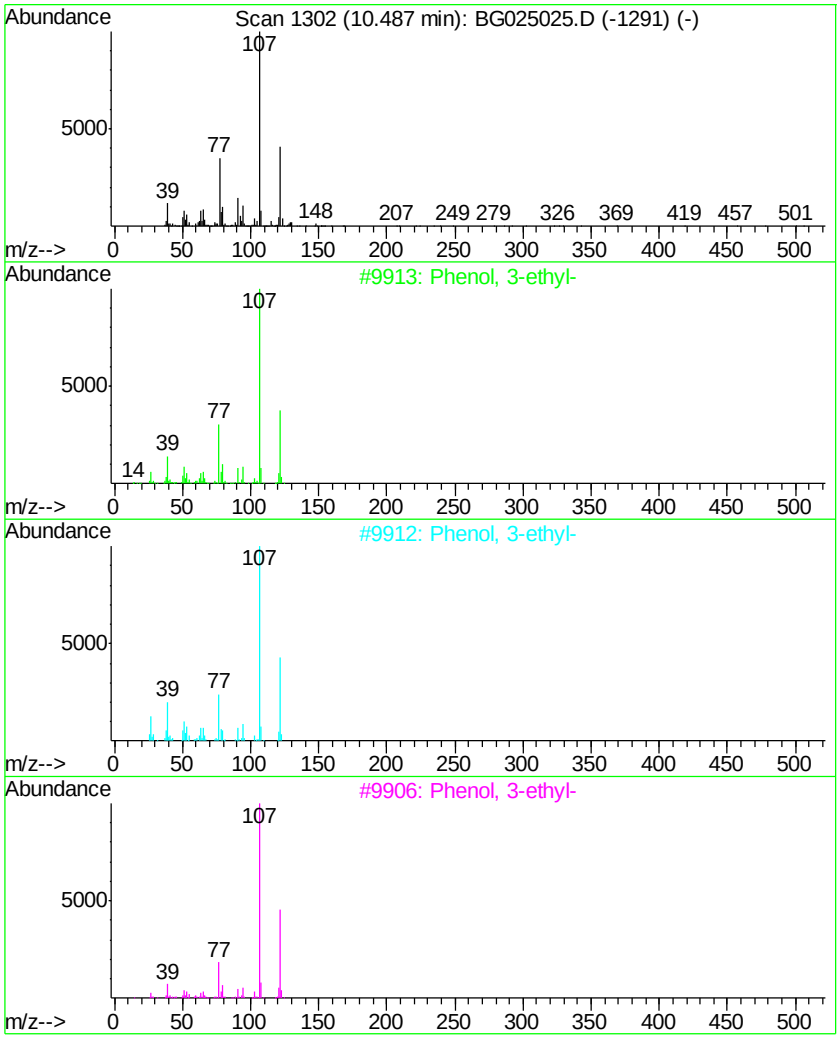

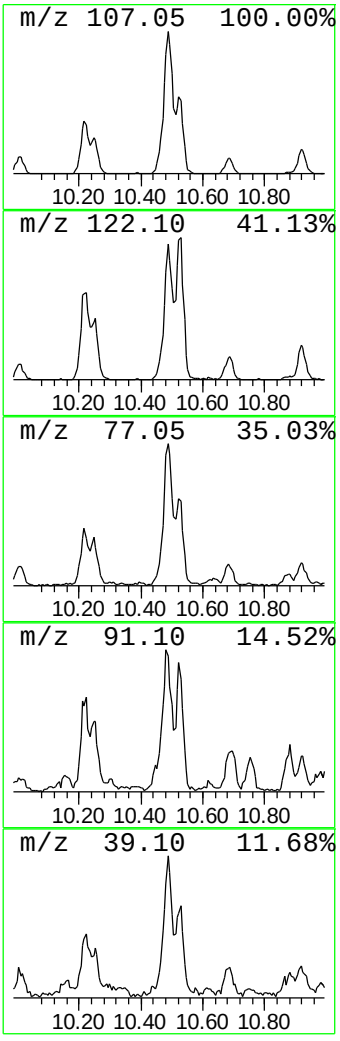

Library Search Compound Report

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ClientSampleId : DA7Z9

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Quant Title : SVOA CALIBRATION

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

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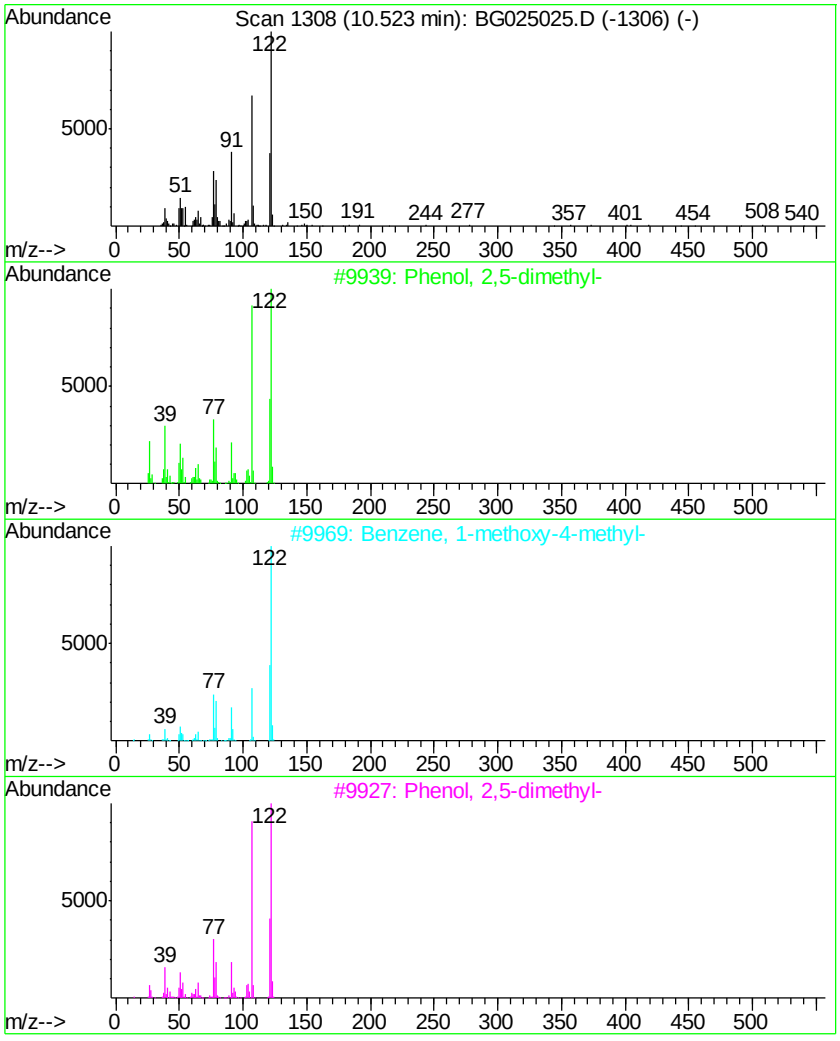
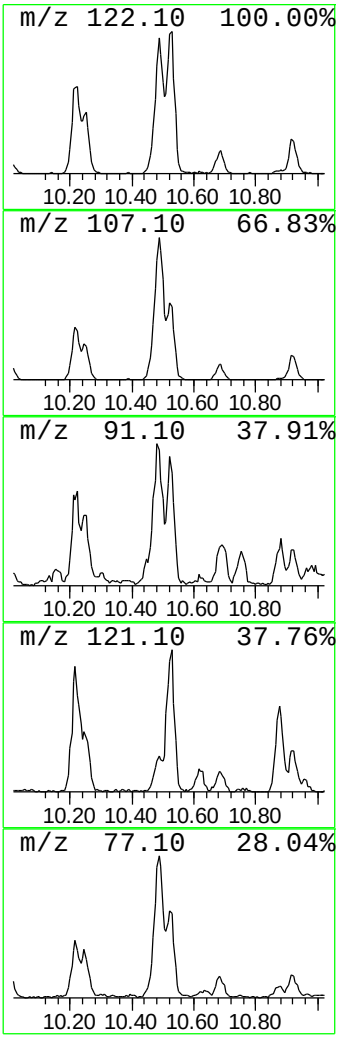
Peak Number 18 Phenol, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	31.97 ng/ul	1179850	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	87
2	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	87
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	83
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	72
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	72





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Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

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

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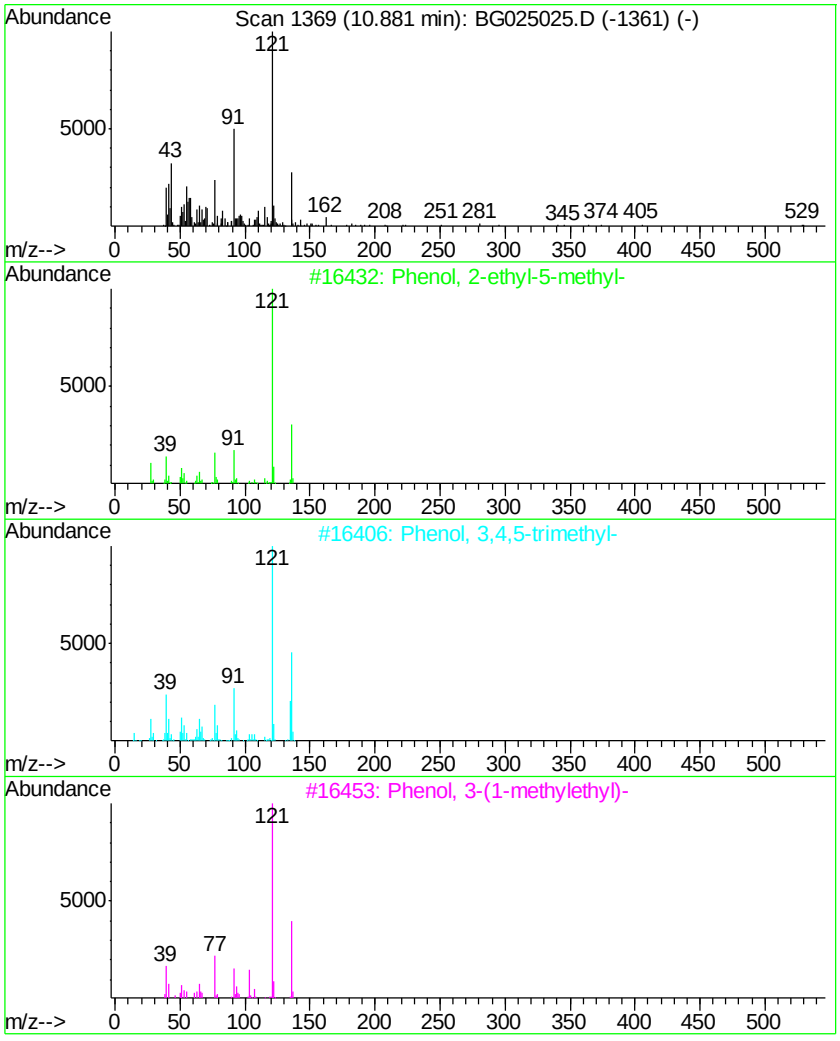
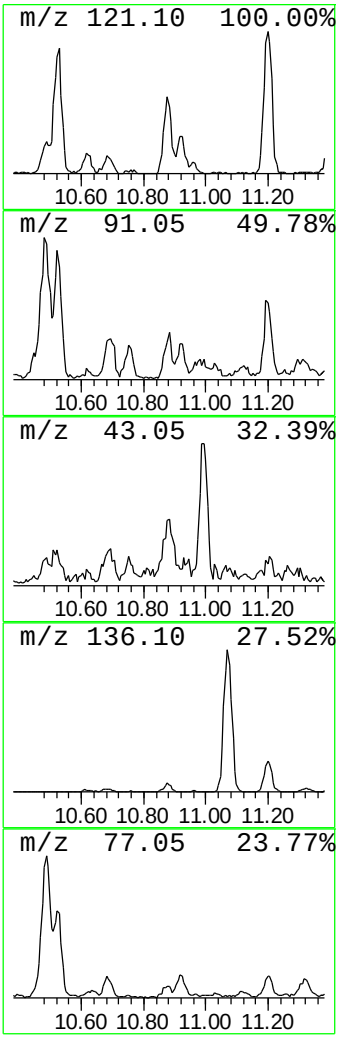
Peak Number 19 Phenol, 2-ethyl-5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	10.26 ng/ul	378457	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	76
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	74
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	74
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	74
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	74





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Operator : UM/SJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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Quant Title : SVOA CALIBRATION

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

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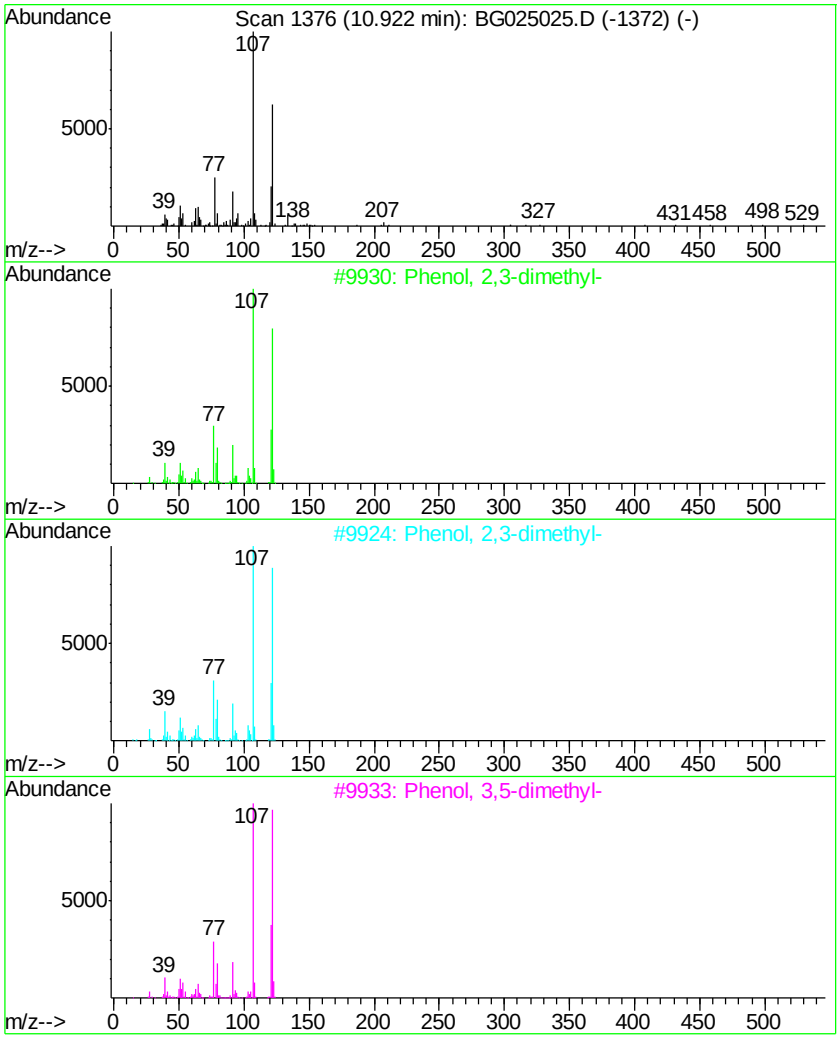
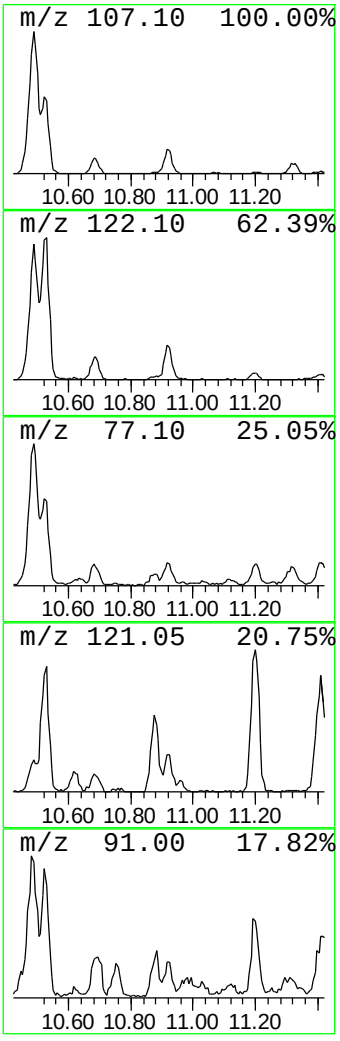
Peak Number 20 Phenol, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	11.63 ng/ul	429142	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	83
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	83
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	80
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	80
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	80





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Instrument : BNA_G
ClientSampleId : DA7Z9

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Quant Title : SVOA CALIBRATION

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

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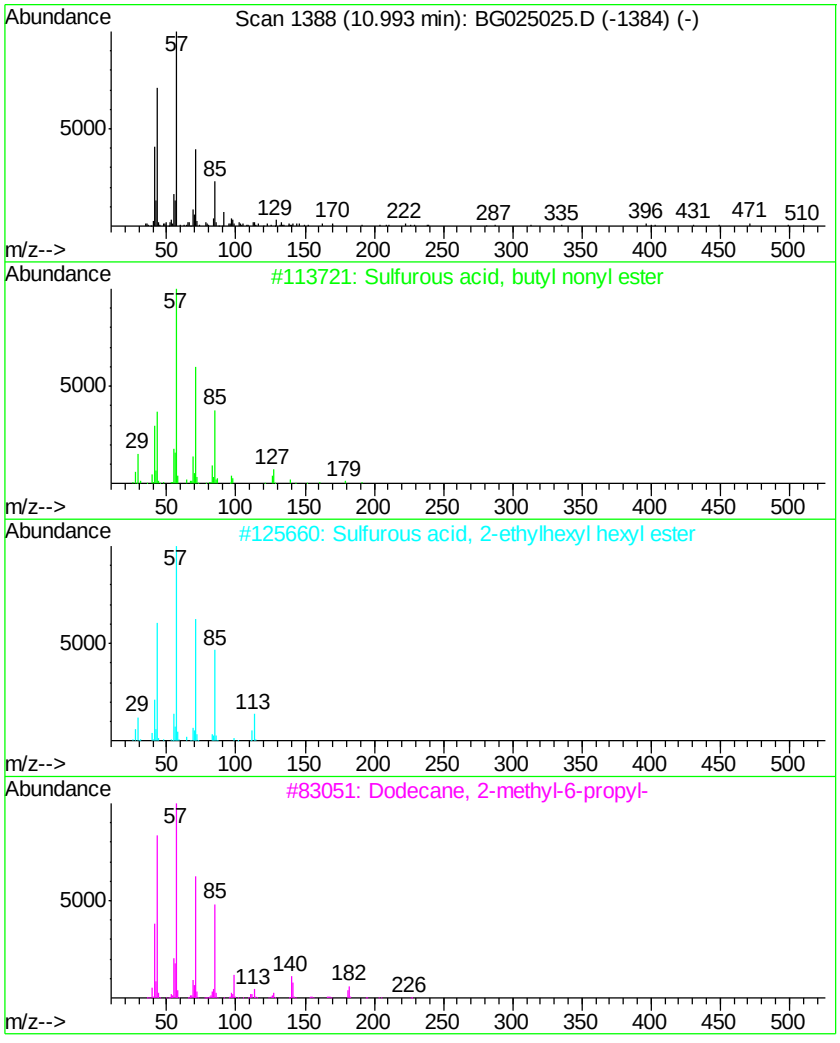
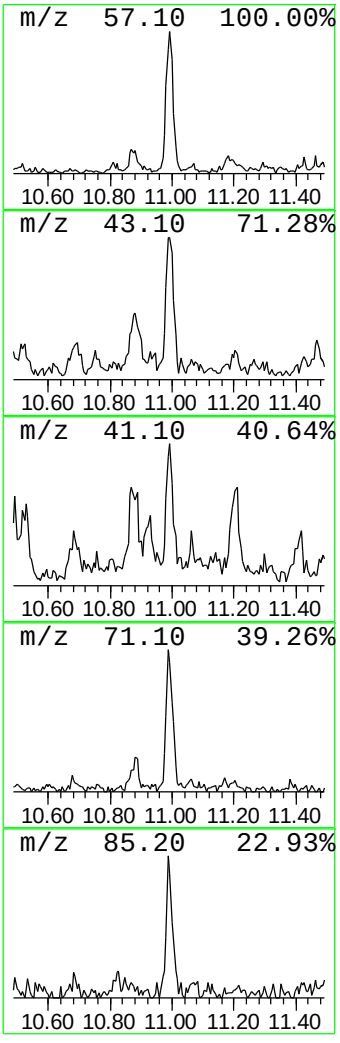
Peak Number 21 Sulfurous acid, butyl nonyl... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	5.05 ng/ul	186472	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	70
5	Decane	142	C10H22	000124-18-5	64





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ClientSampleId : DA7Z9

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Quant Title : SVOA CALIBRATION

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

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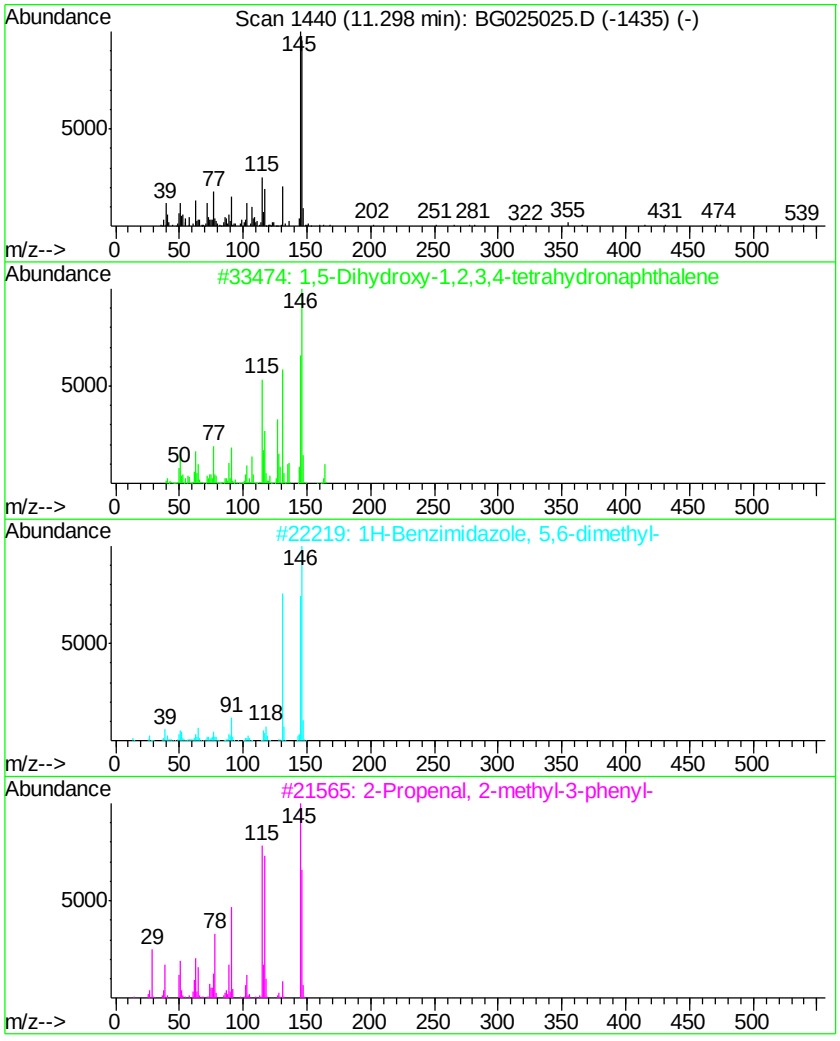
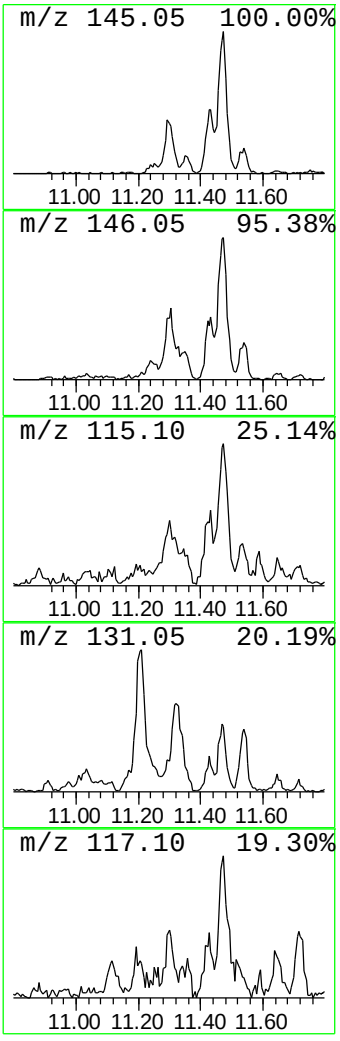
Peak Number 22 1,5-Dihydroxy-1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	16.44 ng/ul	606491	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Dihydroxy-1,2,3,4-tetrahydro...	164	C10H12O2	040771-26-4	56
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	53
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	43
4	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	43
5	7-Quinolinol	145	C9H7NO	000580-20-1	38





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ClientSampleId : DA7Z9

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Quant Title : SVOA CALIBRATION

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

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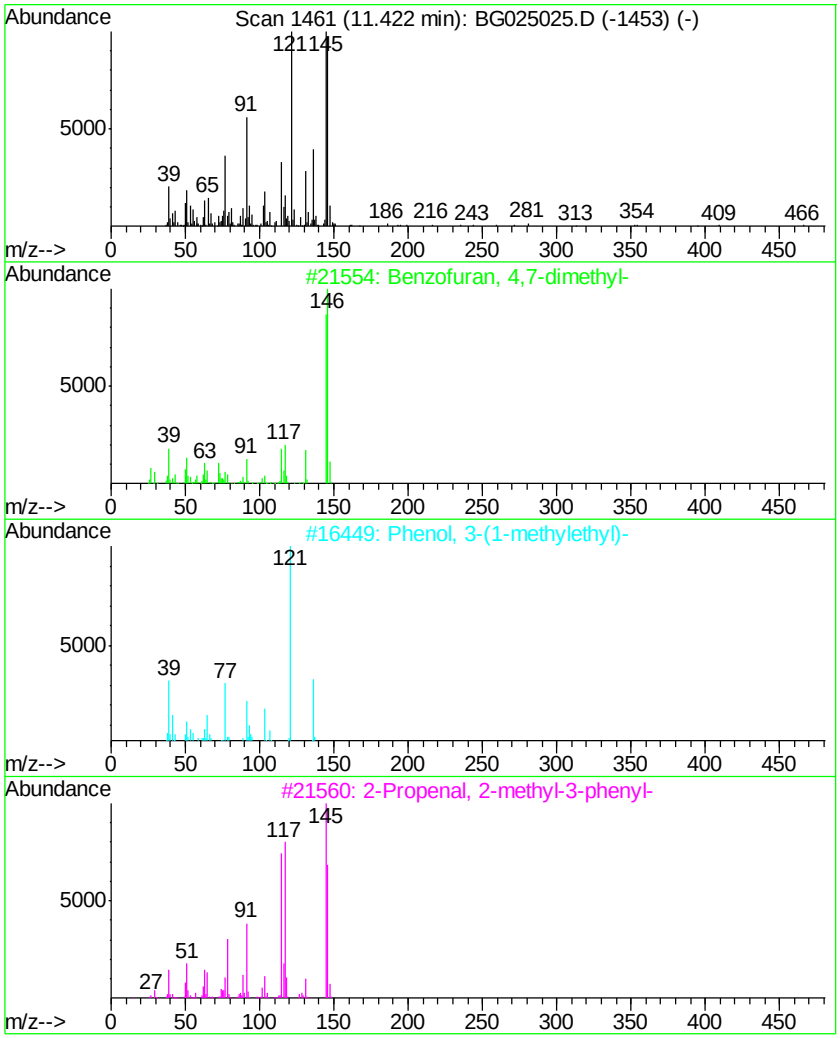
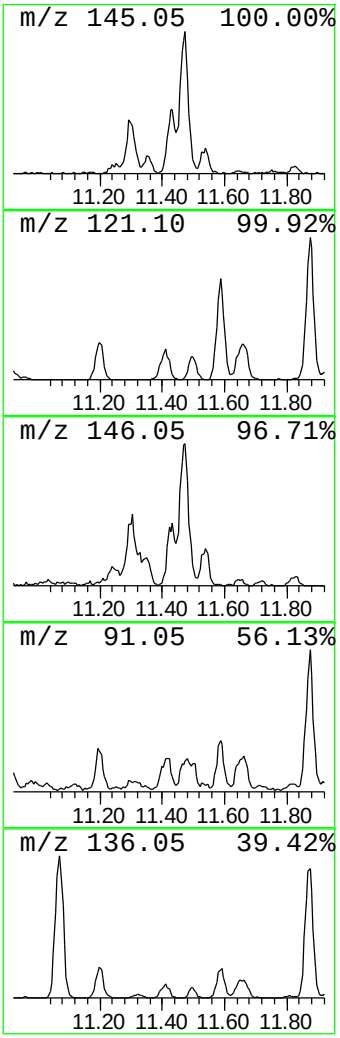
Peak Number 23 Benzofuran, 4,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	18.48 ng/ul	681941	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	53
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	51
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	43
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	38
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	30





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ClientSampleId : DA7Z9

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Quant Title : SVOA CALIBRATION

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

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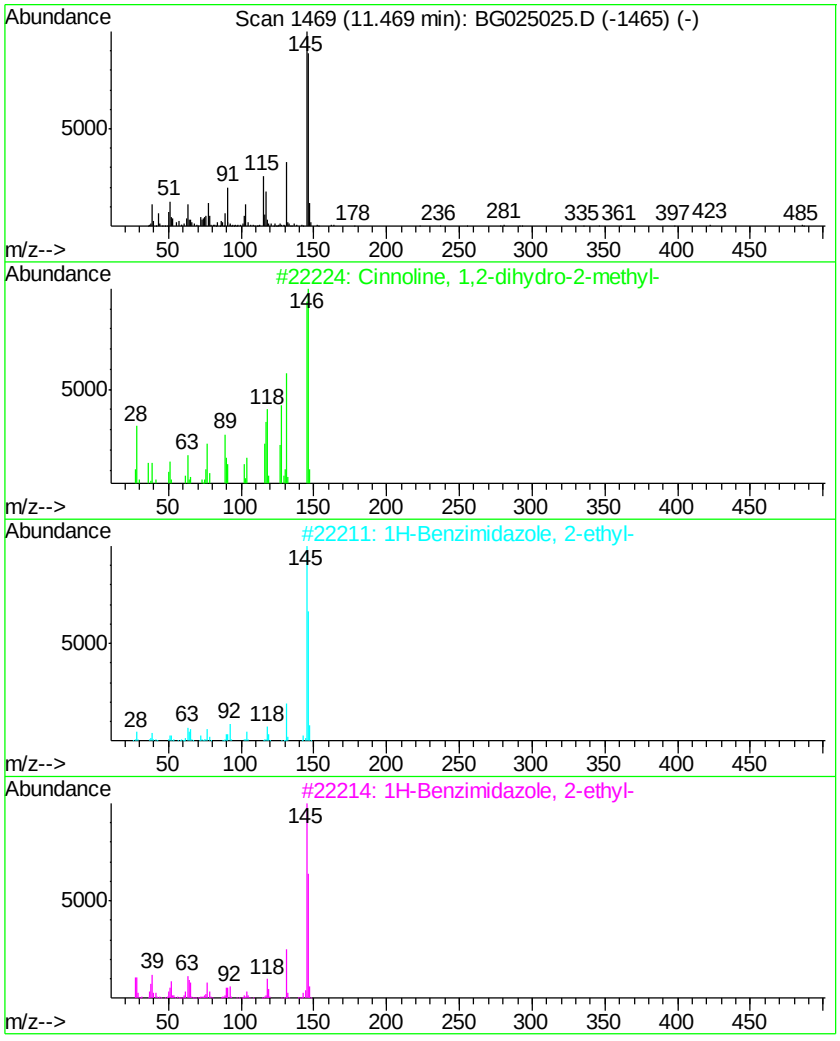
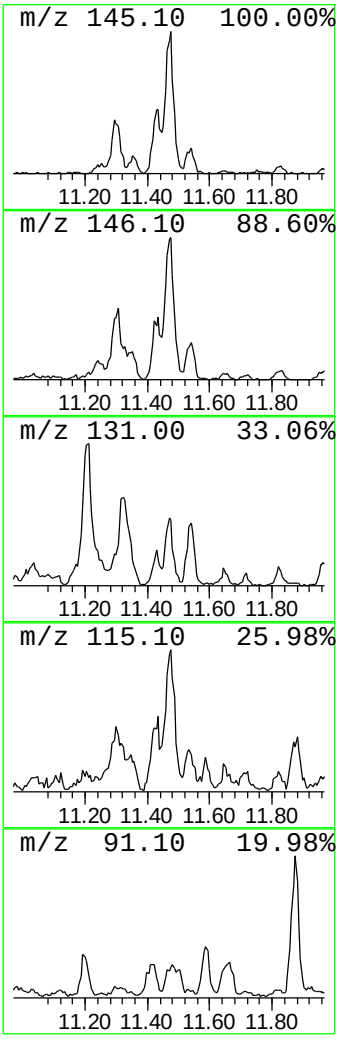
Peak Number 24 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	22.12 ng/ul	816380	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	72
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	64





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Instrument : BNA_G
ClientSampleId : DA7Z9

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Quant Title : SVOA CALIBRATION

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

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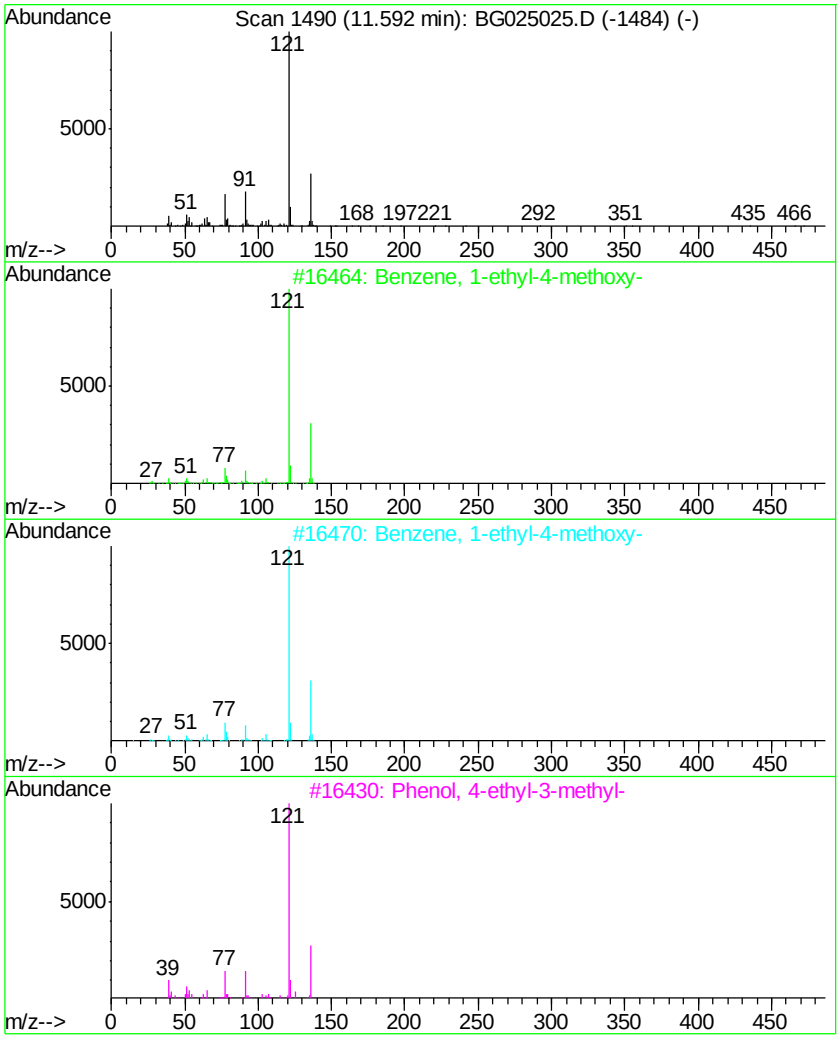
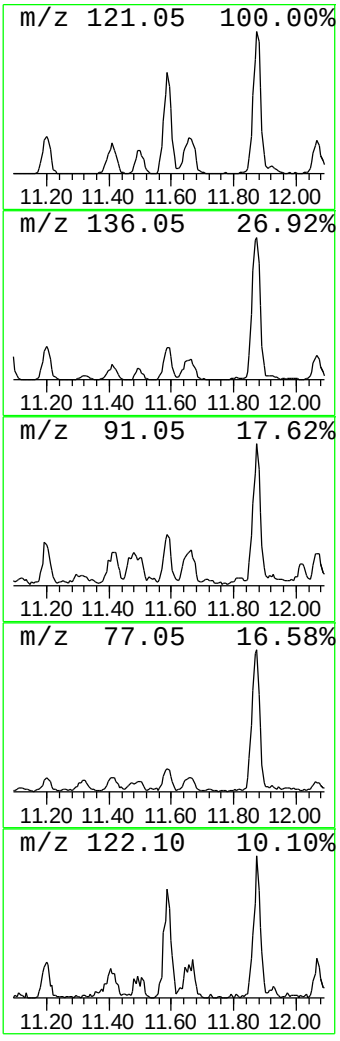
Peak Number 25 Benzene, 1-ethyl-4-methoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	19.69 ng/ul	726644	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
3	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	90
4	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	90
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	87





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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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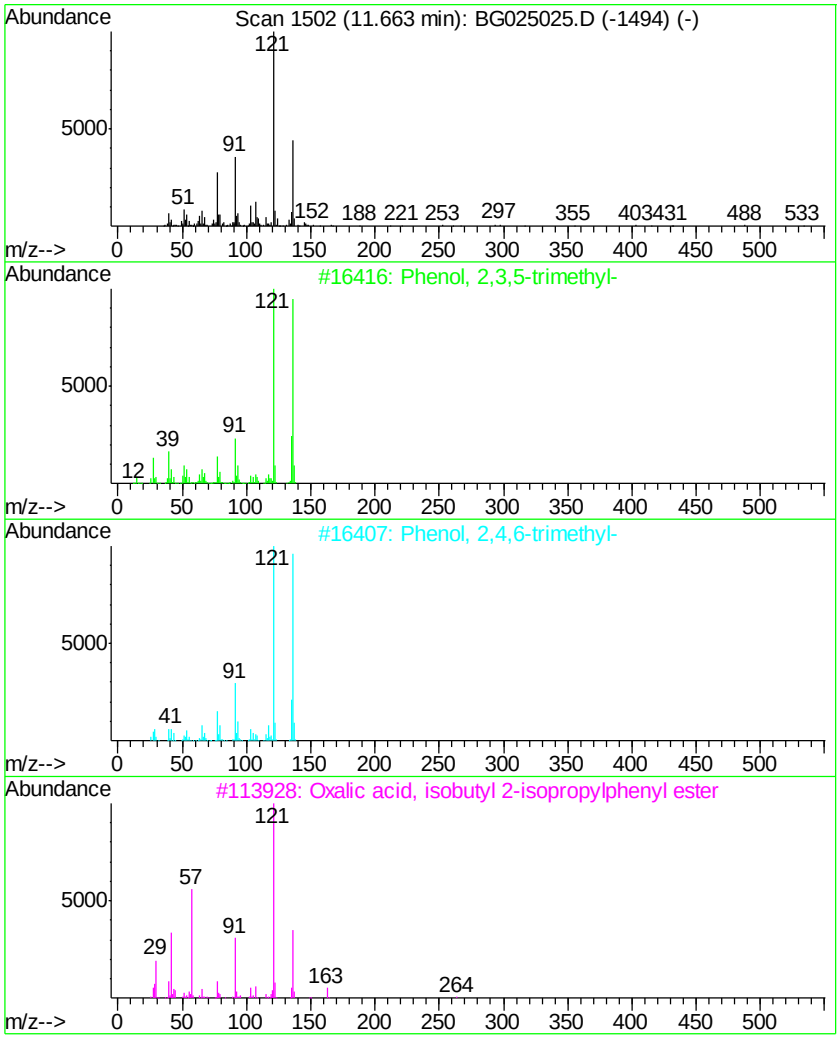
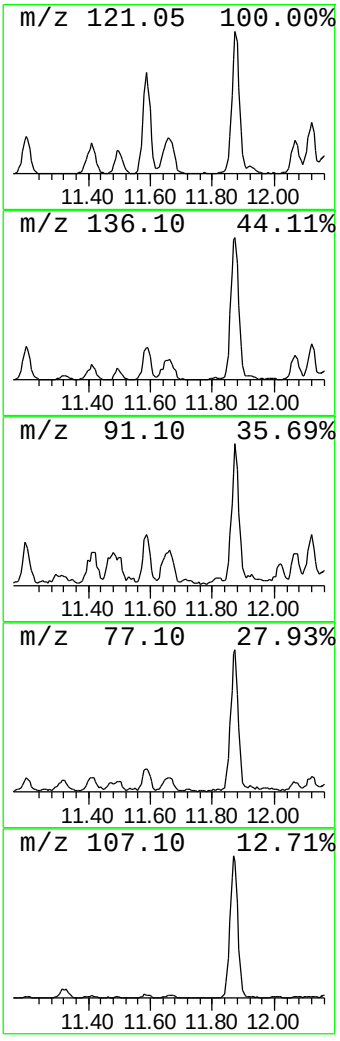
Peak Number 26 Phenol, 2,3,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	15.62 ng/ul	576296	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90
3	Oxalic acid, isobutyl 2-isopropy...	264	C15H20O4	1000309-56-2	87
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	86





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Instrument : BNA_G
ClientSampleId : DA7Z9

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Quant Title : SVOA CALIBRATION

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

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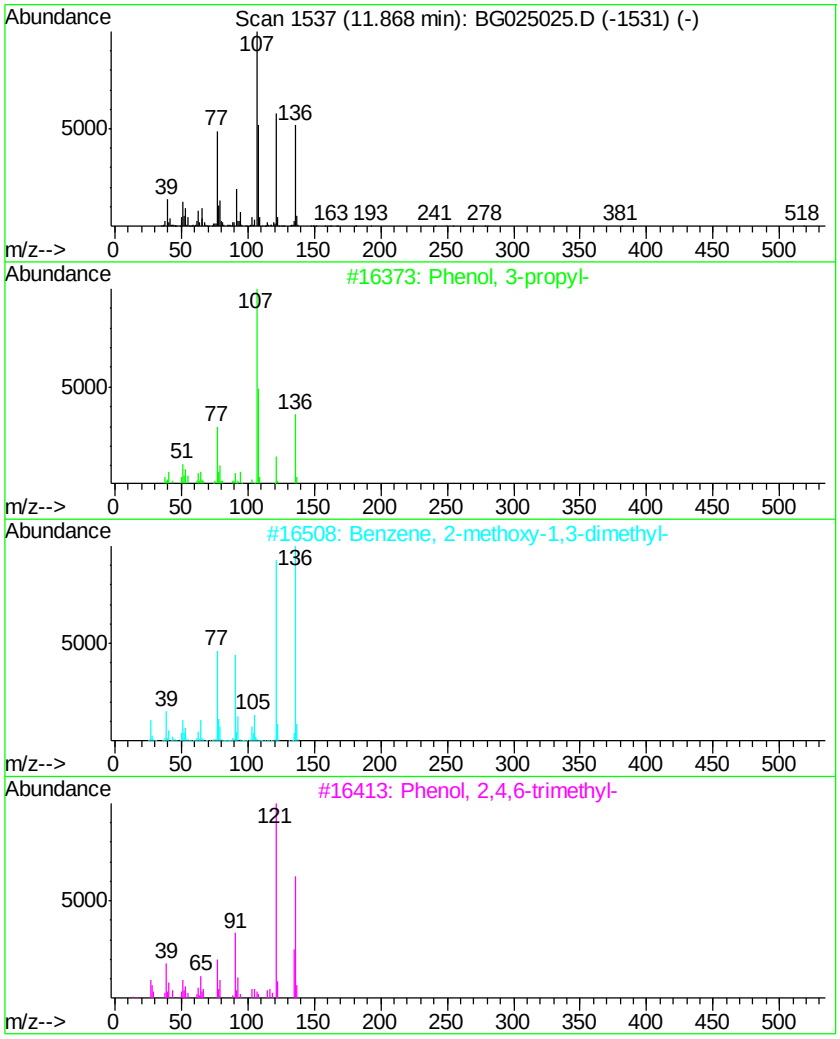
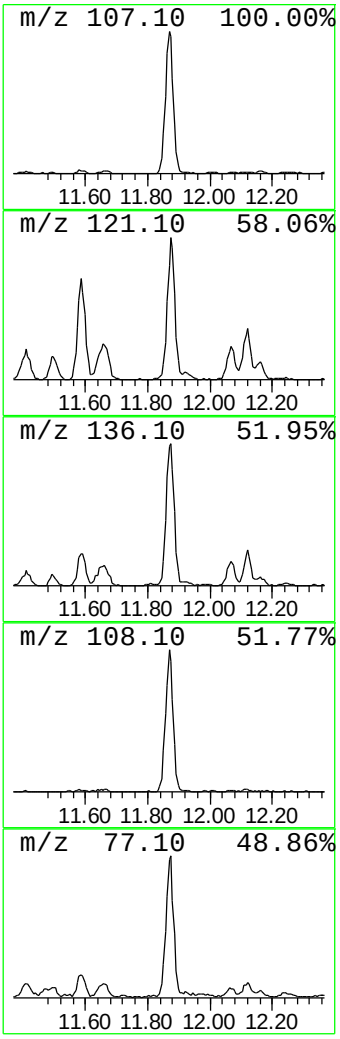
Peak Number 27 Phenol, 3-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	86.25 ng/ul	3182640	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	68
2	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	50
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	50
4	2,4-Dimethylanisole	136	C9H12O	006738-23-4	49
5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	46





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TIC Integration Parameters: LSCINT.P

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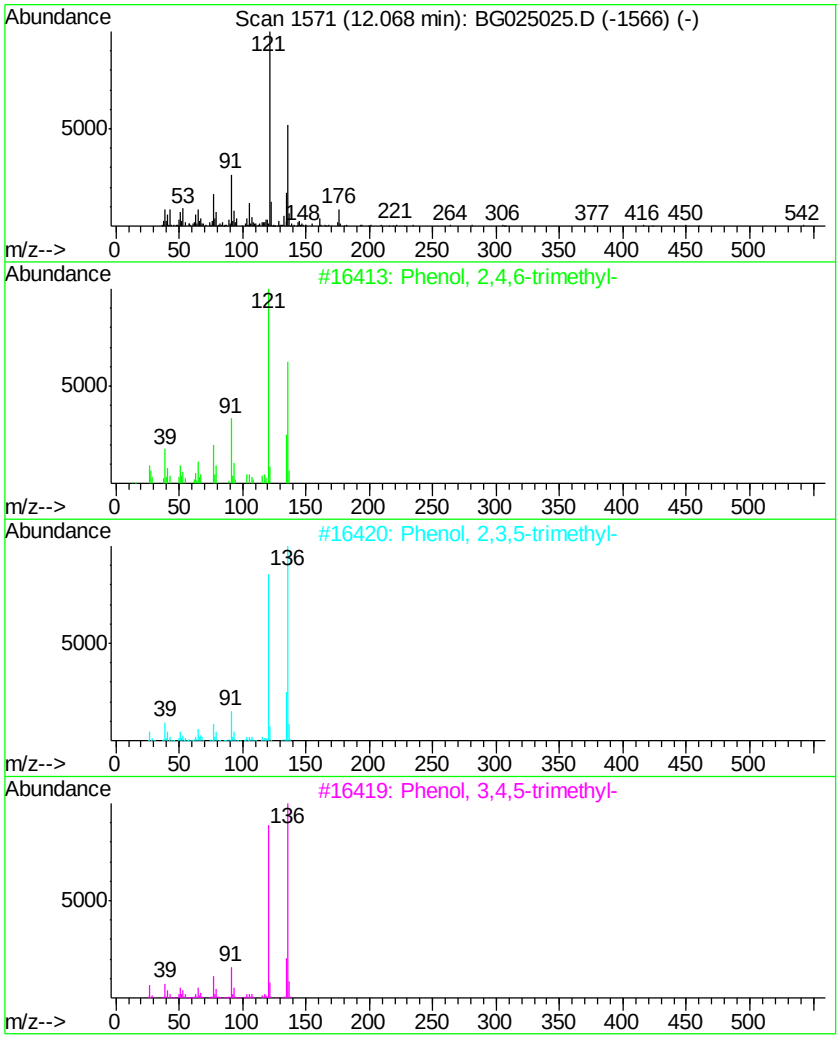
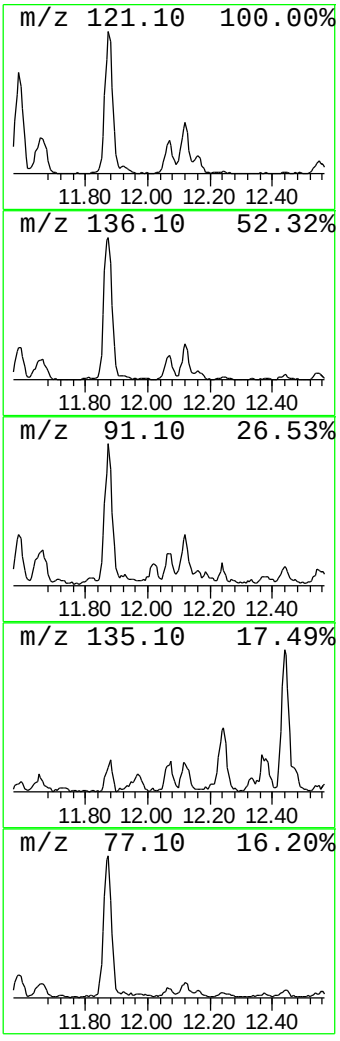
Peak Number 28 Phenol, 2,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	13.10 ng/ul	483456	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	90
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87





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ClientSampleId : DA7Z9

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

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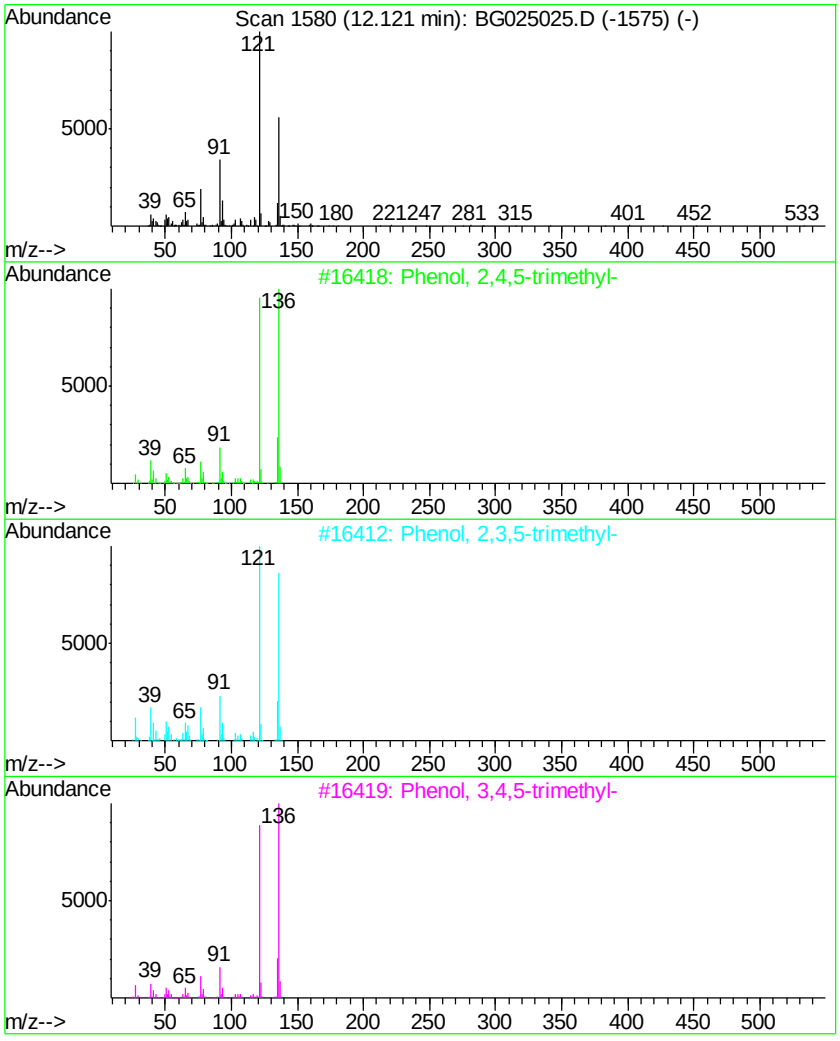
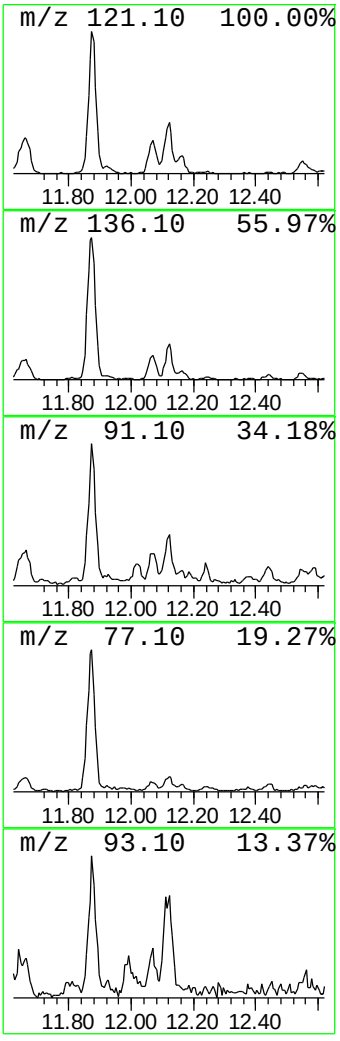
Peak Number 29 Phenol, 2,4,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	11.45 ng/ul	422612	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90





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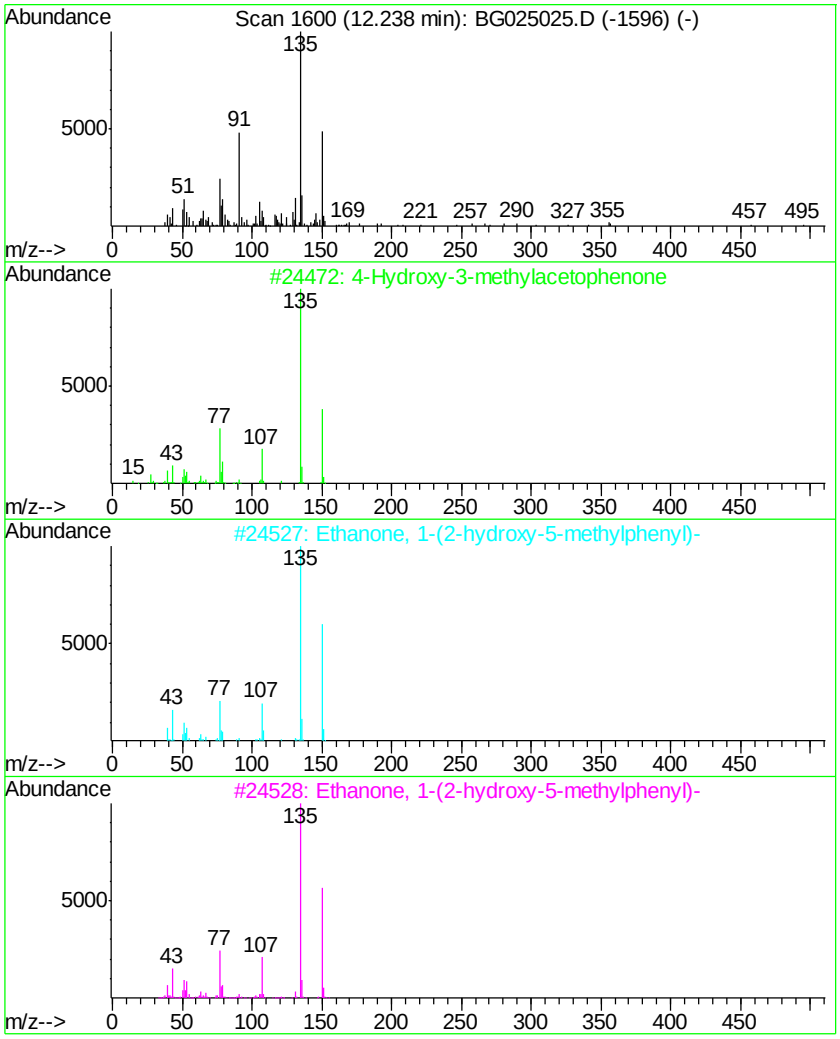
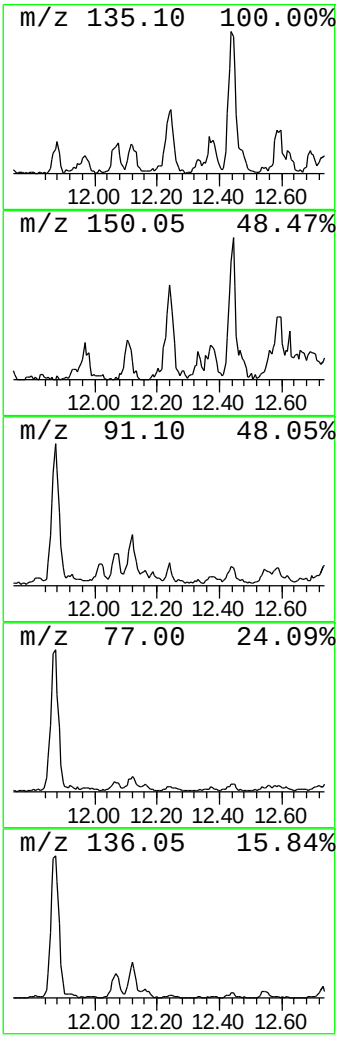
Peak Number 30 4-Hydroxy-3-methylacetophenone Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	9.21 ng/ul	339741	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	87
2	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	87
3	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	83
4	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	83
5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

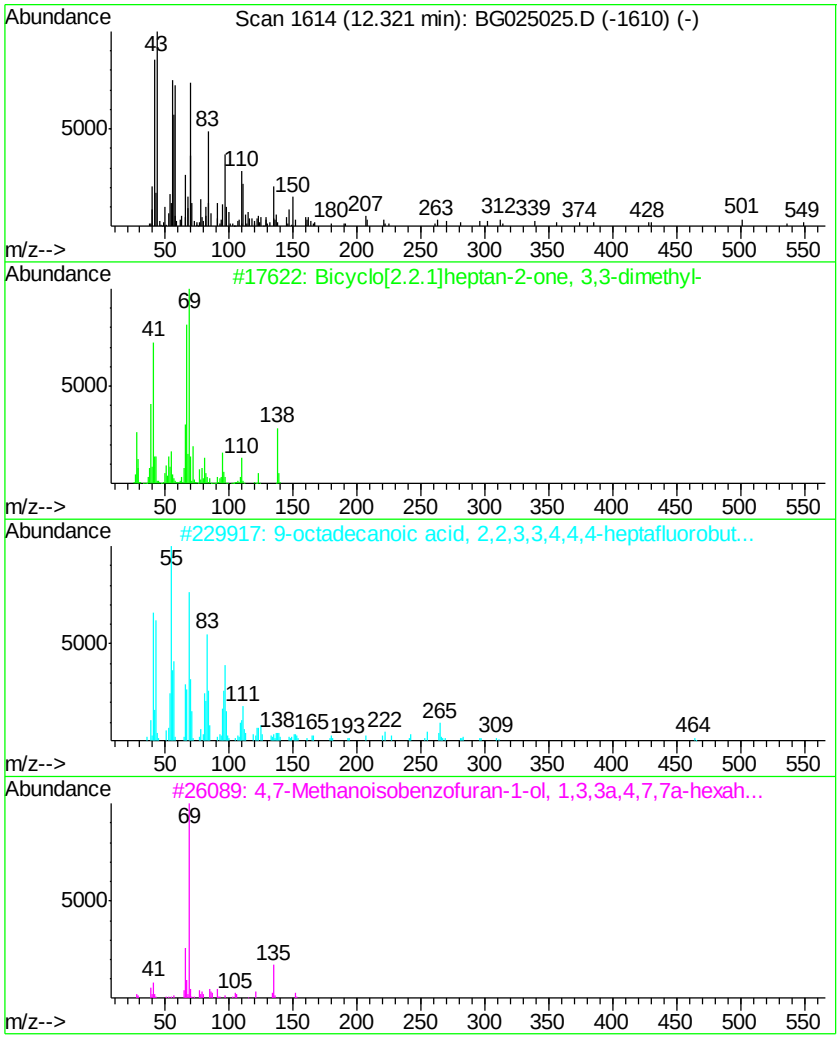
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

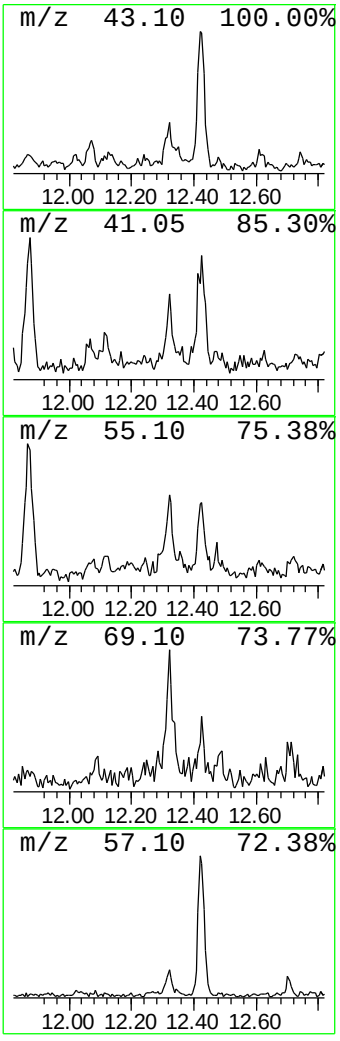
****

Peak Number 31 unknown-02 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	4.63 ng/ul	170916	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 3,3-...	138	C9H14O	013211-15-9	43
2	9-octadecanoic acid, 2,2,3,3,4,4...	464	C22H35F7O2	1000376-61-4	39
3	4,7-Methanoisobenzofuran-1-ol, 1...	152	C9H12O2	100557-82-2	25
4	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	23
5	2H-Azepin-2-one, hexahydro-5-met...	127	C7H13NO	002210-07-3	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

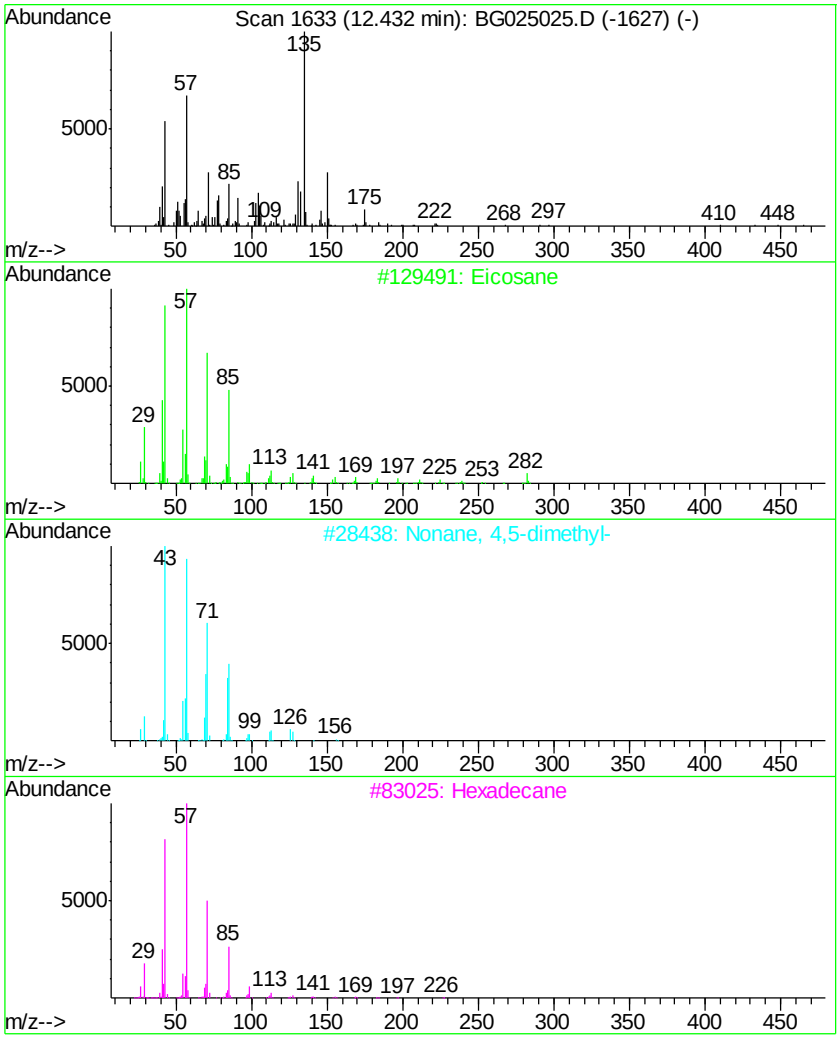
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

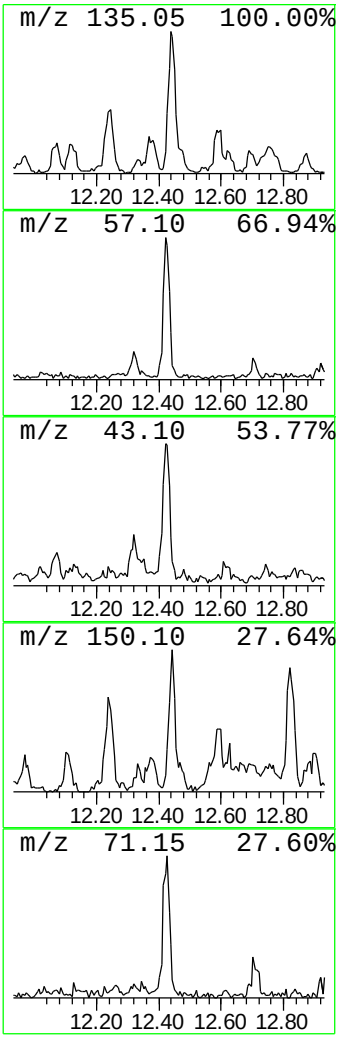
****

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	17.64 ng/ul	650991	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	55
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	30
3	Hexadecane	226	C16H34	000544-76-3	30
4	Tetradecane	198	C14H30	000629-59-4	30
5	Hexadecane	226	C16H34	000544-76-3	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

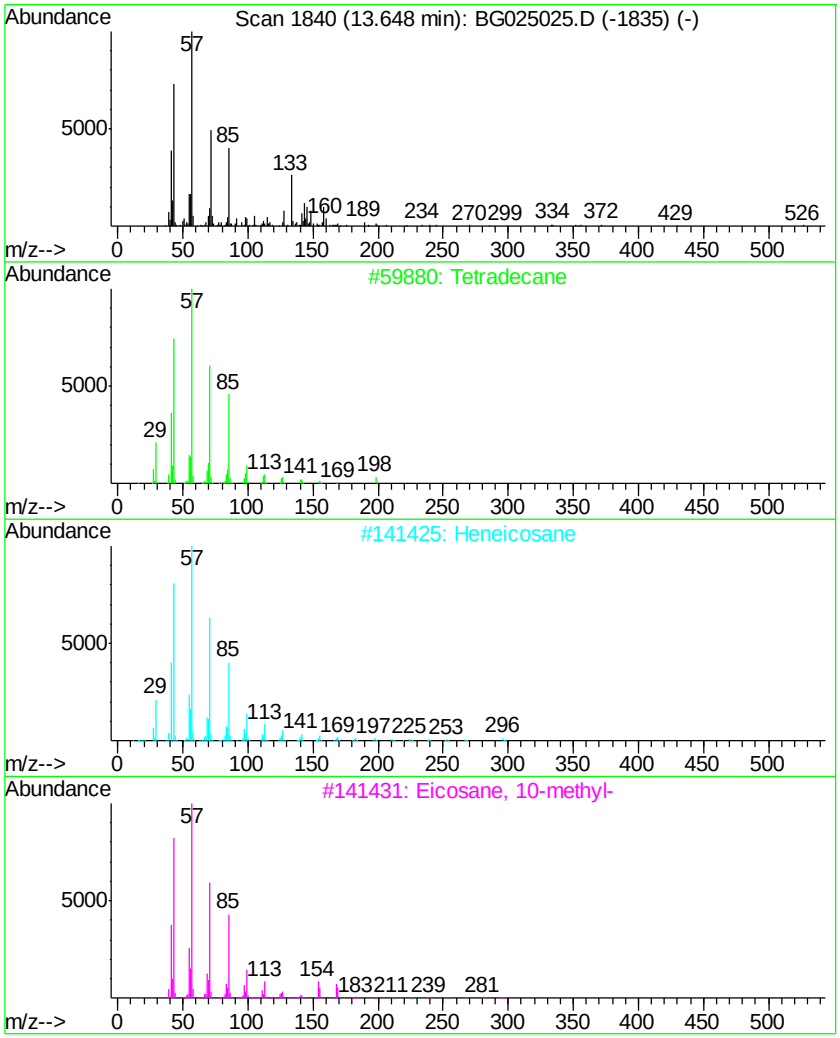
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

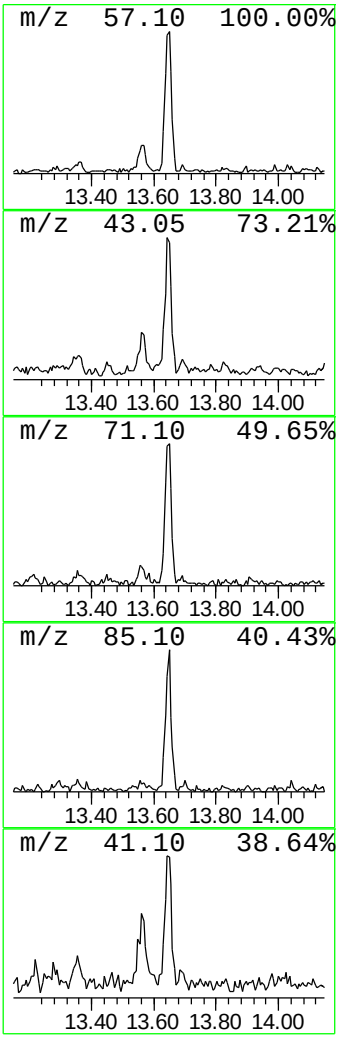
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	6.30 ng/ul	404604	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Heneicosane	296	C21H44	000629-94-7	47
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	47
4	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	47
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

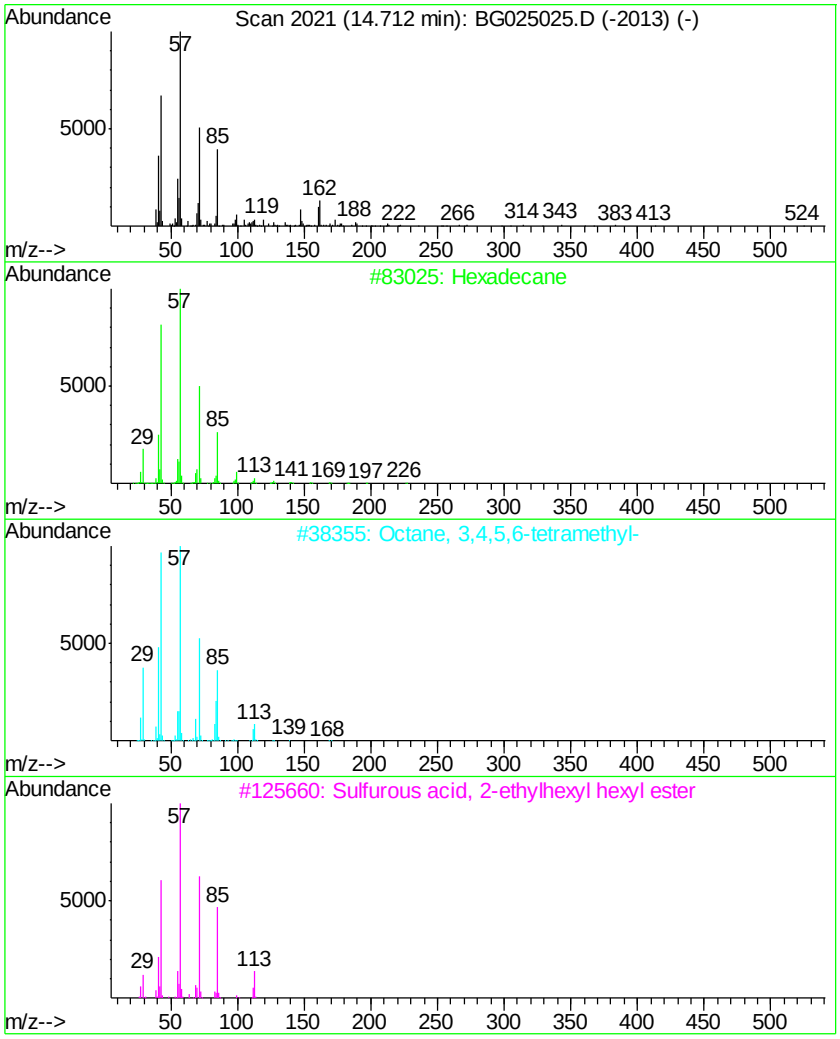
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

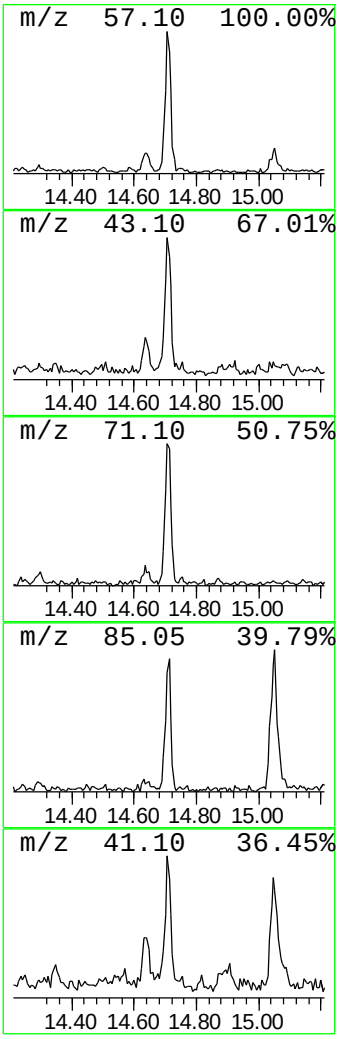
****

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	6.83 ng/ul	438686	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

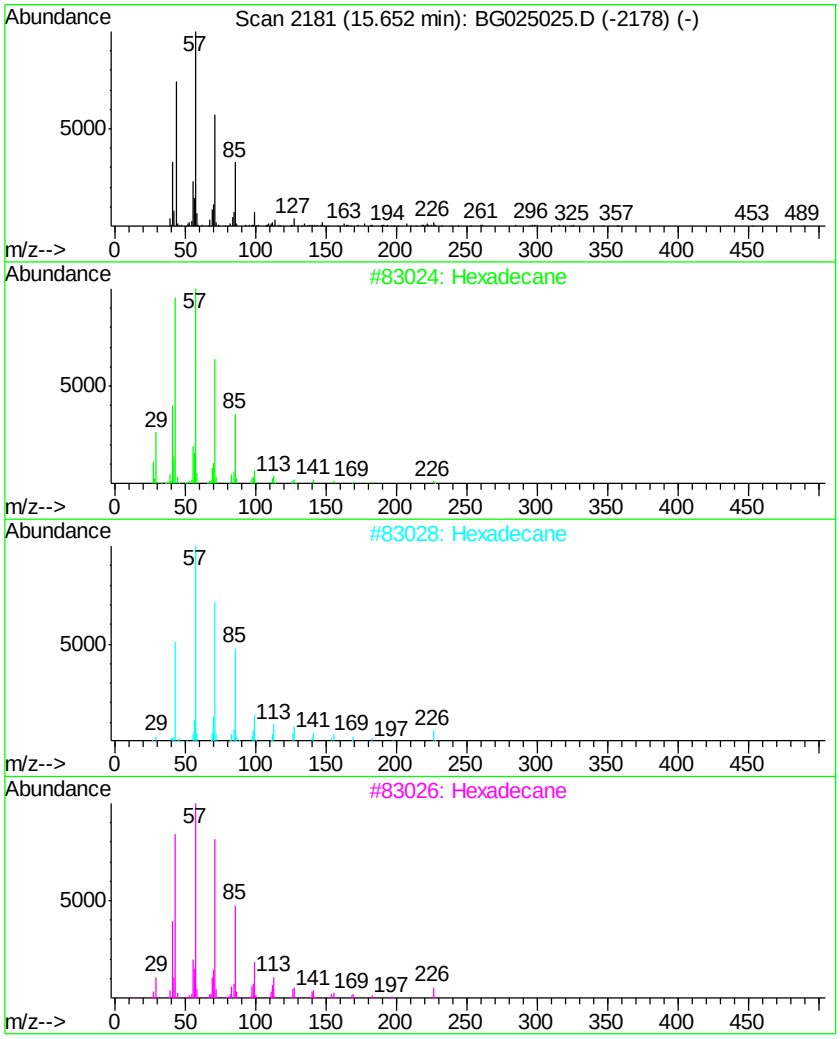
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

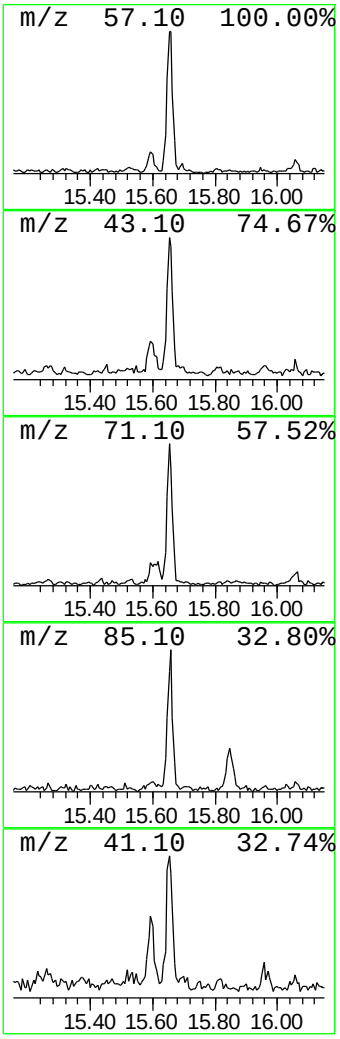
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	8.63 ng/ul	554227	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetradecane	198	C14H30	000629-59-4	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

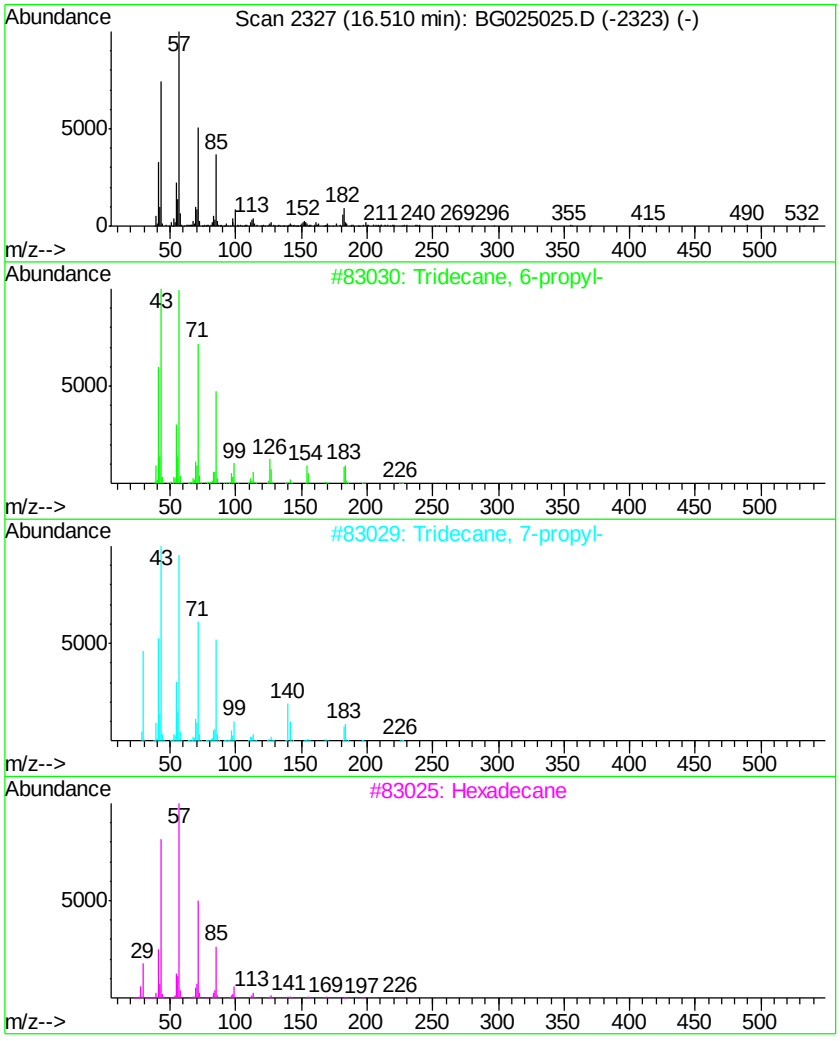
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

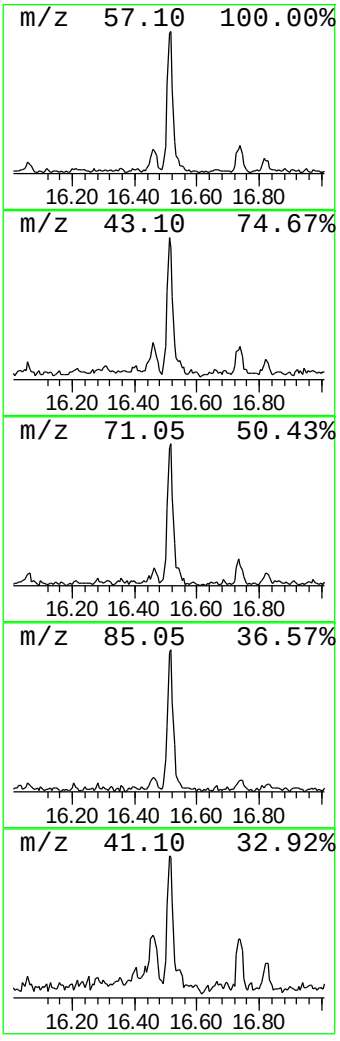
****

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	6.29 ng/ul	542043	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	89
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
3	Hexadecane	226	C16H34	000544-76-3	76
4	Tridecane	184	C13H28	000629-50-5	68
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

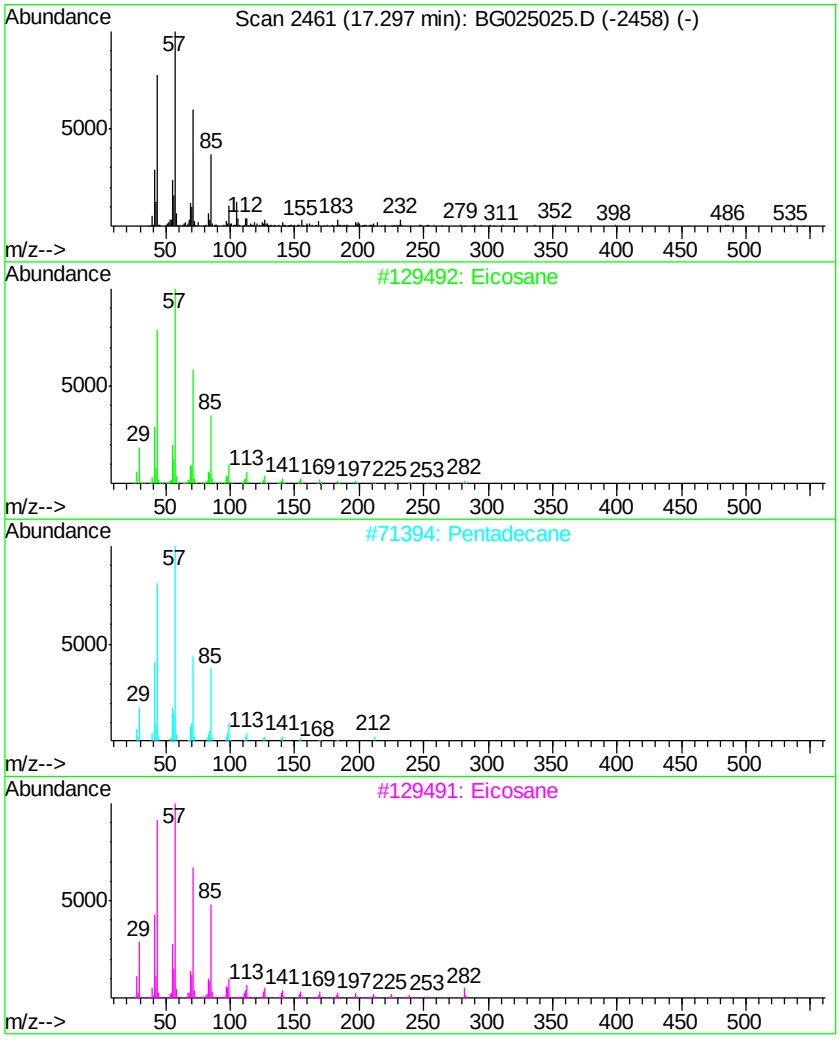
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

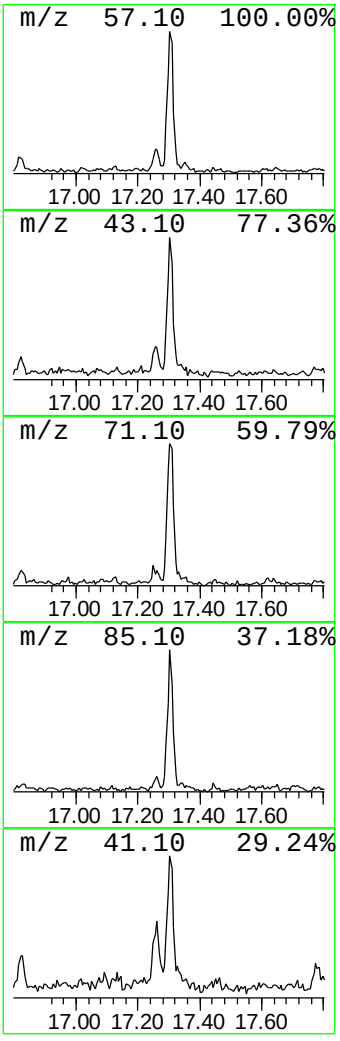
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	6.48 ng/ul	559025	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Pentadecane	212	C15H32	000629-62-9	83
3	Eicosane	282	C20H42	000112-95-8	72
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

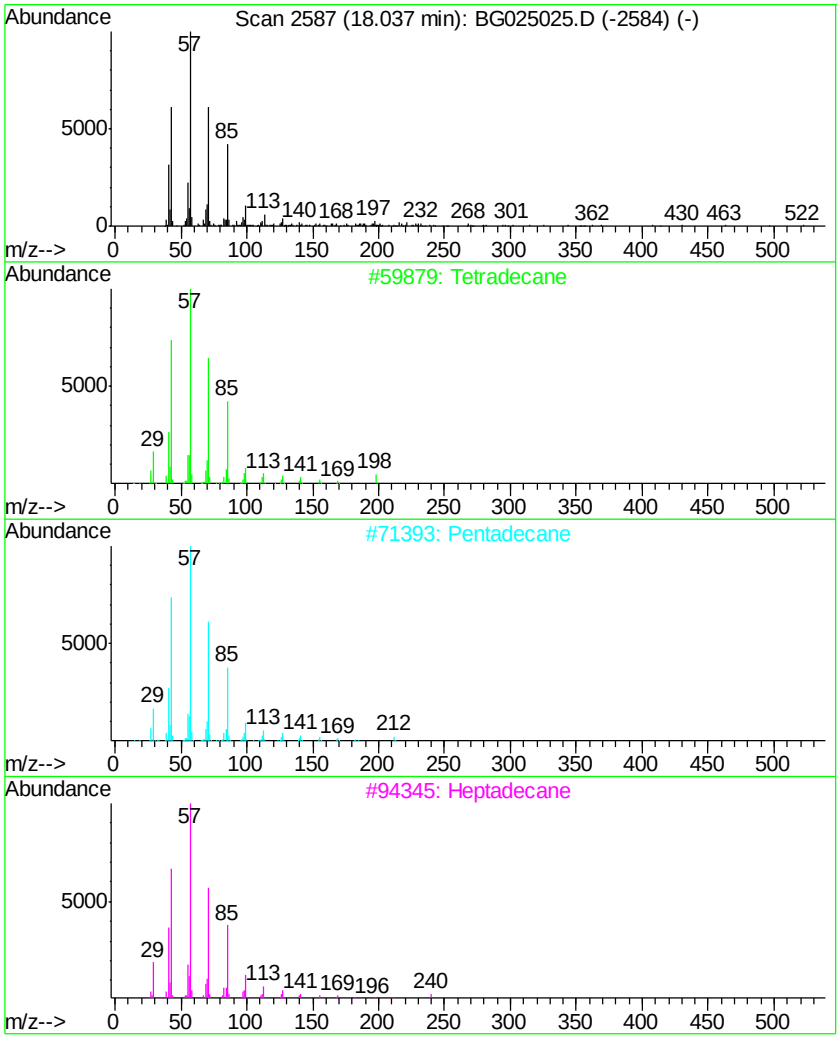
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

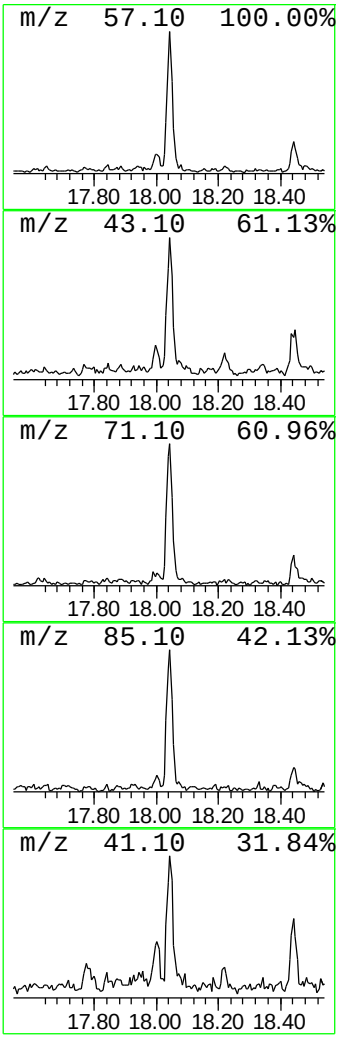
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	6.46 ng/ul	556536	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Pentadecane	212	C15H32	000629-62-9	83
3	Heptadecane	240	C17H36	000629-78-7	80
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

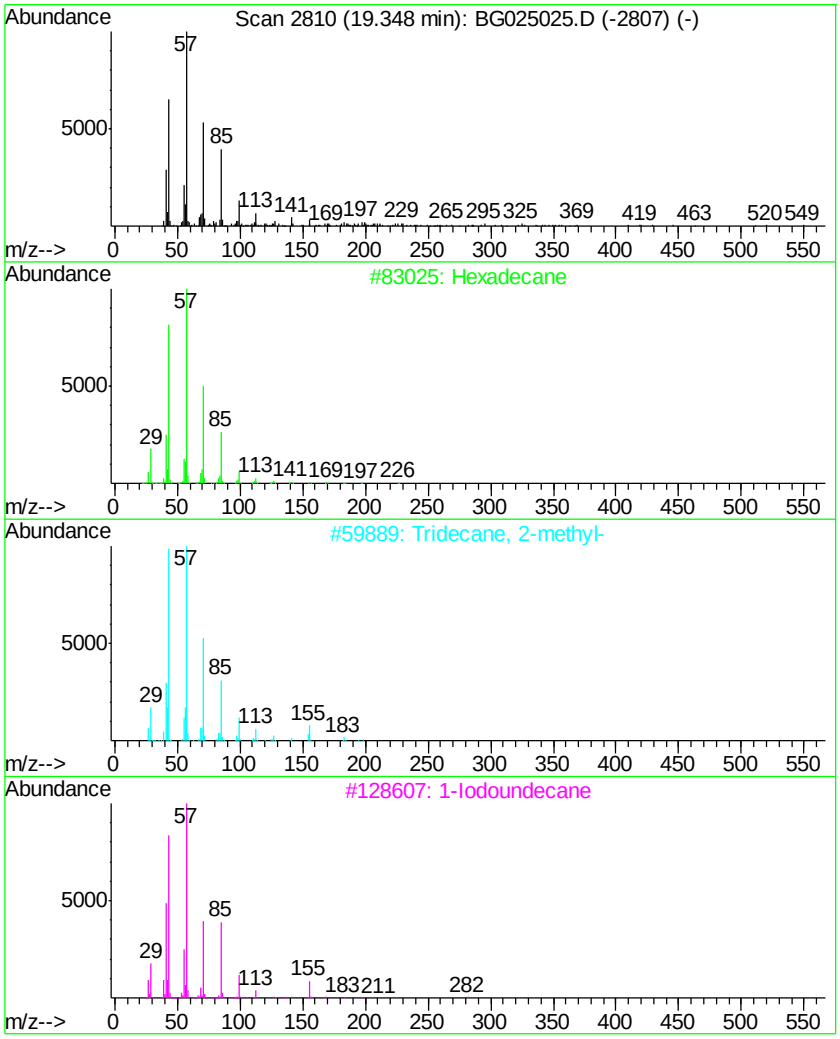
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

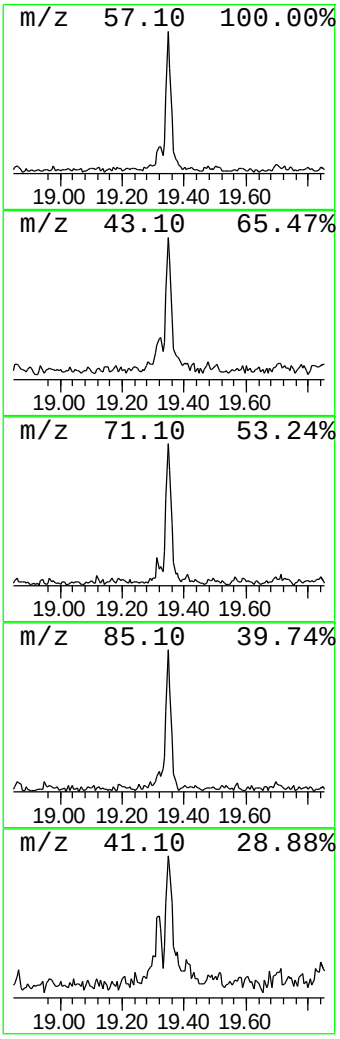
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	3.66 ng/ul	315359	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
3	1-Iodoundecane	282	C11H23I	004282-44-4	80
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	80
5	Octacosane	394	C28H58	000630-02-4	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

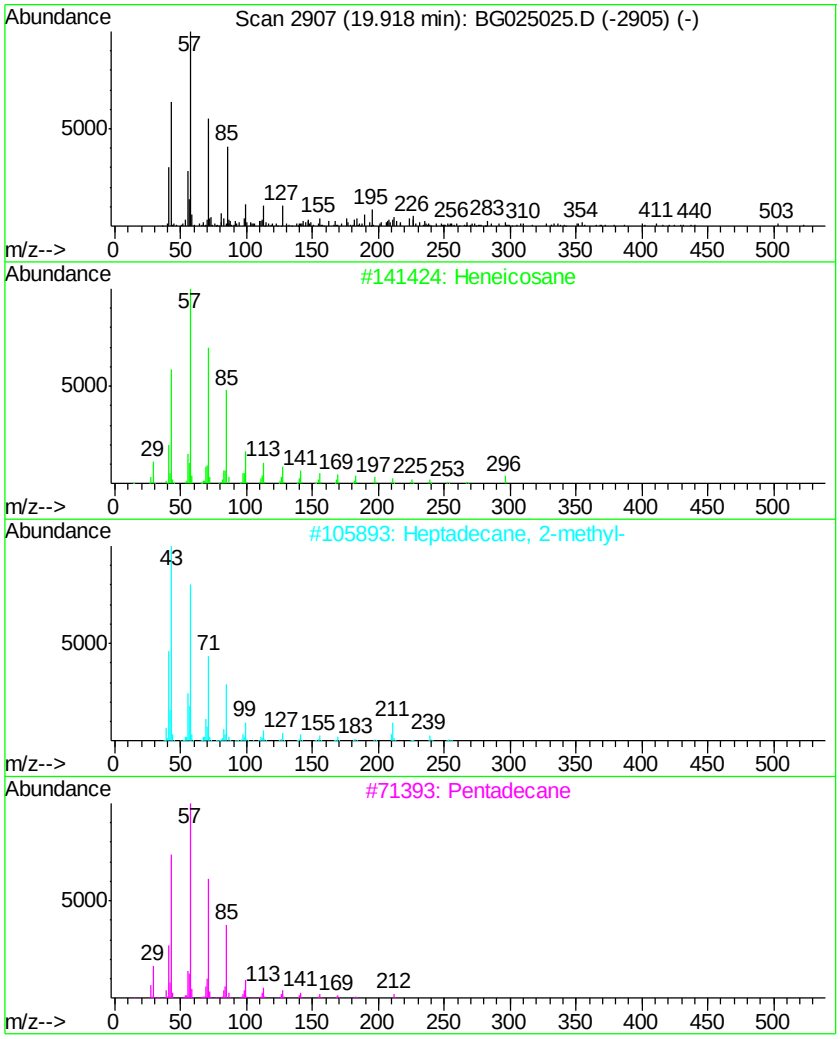
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

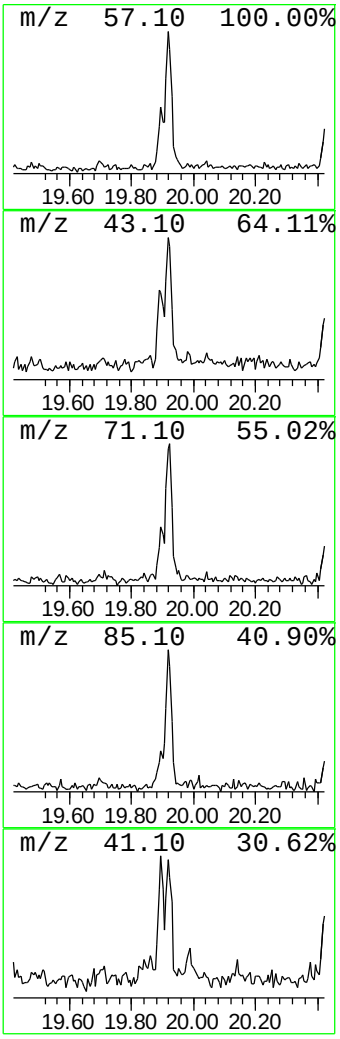
****

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.01 ng/ul	219895	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	86
3	Pentadecane	212	C15H32	000629-62-9	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Docosane	310	C22H46	000629-97-0	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

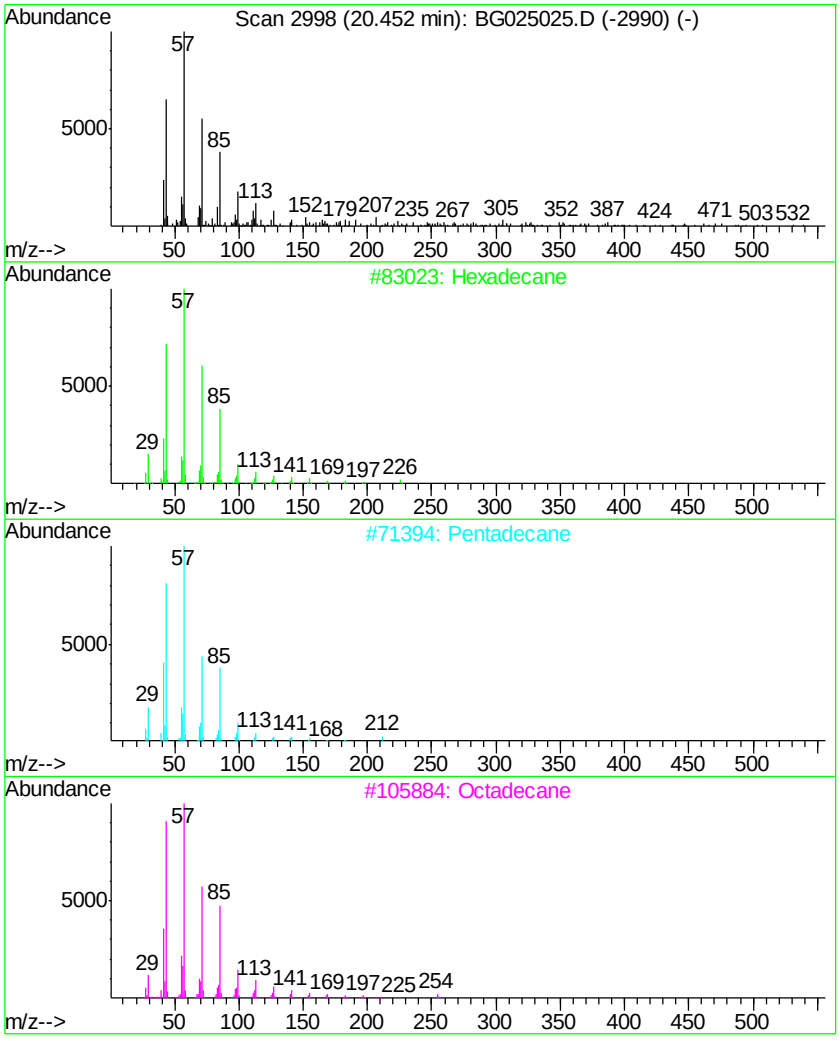
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

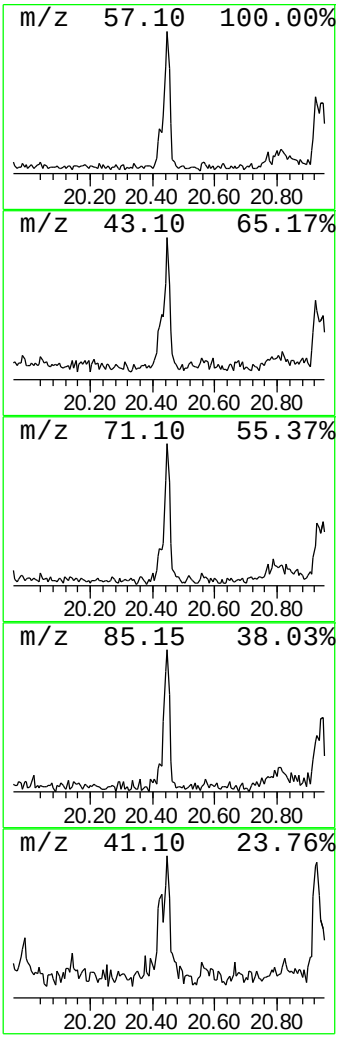
****

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	3.57 ng/ul	390502	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Pentadecane	212	C15H32	000629-62-9	91
3	Octadecane	254	C18H38	000593-45-3	87
4	Pentacosane	352	C25H52	000629-99-2	87
5	Hexadecane	226	C16H34	000544-76-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025025.D
Acq On : 9 Dec 2016 3:11
Operator : UM/SJ
Sample : H5863-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Z9

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.85	12.1	ng/ul	372361	1	8.24	614715	20.0
Mesitylene	7.31	6.7	ng/ul	205077	1	8.24	614715	20.0
Benzene, 1-ethyl-...	7.61	5.7	ng/ul	174888	1	8.24	614715	20.0
Benzofuran	7.96	8.0	ng/ul	245923	1	8.24	614715	20.0
Benzene, (1-methy...	8.35	6.7	ng/ul	204537	1	8.24	614715	20.0
2-Cyclopenten-1-o...	8.51	18.0	ng/ul	552319	1	8.24	614715	20.0
unknown-01	8.88	13.0	ng/ul	400350	1	8.24	614715	20.0
Phenol, 2-methoxy-	9.35	13.8	ng/ul	424898	1	8.24	614715	20.0
Ethanone, 1-(2-me...	9.52	6.8	ng/ul	209428	1	8.24	614715	20.0
Benzofuran, 7-met...	9.60	6.4	ng/ul	195424	1	8.24	614715	20.0
Phenol, 2,6-dimet...	9.67	10.2	ng/ul	375539	2	11.07	738037	20.0
Cinnamaldehyde, (E)-	9.72	9.6	ng/ul	353807	2	11.07	738037	20.0
Benzofuran, 2-met...	9.79	19.5	ng/ul	718599	2	11.07	738037	20.0
Phenol, 2-ethyl-	10.01	9.4	ng/ul	346145	2	11.07	738037	20.0
Phenol, 3-ethyl-	10.49	68.8	ng/ul	2539280	2	11.07	738037	20.0
Phenol, 2,5-dimet...	10.52	32.0	ng/ul	1179850	2	11.07	738037	20.0
Phenol, 2-ethyl-5...	10.88	10.3	ng/ul	378457	2	11.07	738037	20.0
Phenol, 2,3-dimet...	10.92	11.6	ng/ul	429142	2	11.07	738037	20.0
Sulfurous acid, b...	10.99	5.0	ng/ul	186472	2	11.07	738037	20.0
1,5-Dihydroxy-1,2...	11.30	16.4	ng/ul	606491	2	11.07	738037	20.0
Benzofuran, 4,7-d...	11.42	18.5	ng/ul	681941	2	11.07	738037	20.0
Cinnoline, 1,2-di...	11.47	22.1	ng/ul	816380	2	11.07	738037	20.0
Benzene, 1-ethyl-...	11.59	19.7	ng/ul	726644	2	11.07	738037	20.0
Phenol, 2,3,5-tri...	11.66	15.6	ng/ul	576296	2	11.07	738037	20.0
Phenol, 3-propyl-	11.87	86.3	ng/ul	3182640	2	11.07	738037	20.0
Phenol, 2,4,6-tri...	12.07	13.1	ng/ul	483456	2	11.07	738037	20.0
Phenol, 2,4,5-tri...	12.12	11.4	ng/ul	422612	2	11.07	738037	20.0
4-Hydroxy-3-methy...	12.24	9.2	ng/ul	339741	2	11.07	738037	20.0
unknown-02	12.32	4.6	ng/ul	170916	2	11.07	738037	20.0
(DEL) Alkane: Str...	12.43	17.6	ng/ul	650991	2	11.07	738037	20.0
(DEL) Alkane: Str...	13.65	6.3	ng/ul	404604	3	14.86	1284160	20.0
(DEL) Alkane: Str...	14.71	6.8	ng/ul	438686	3	14.86	1284160	20.0
(DEL) Alkane: Str...	15.65	8.6	ng/ul	554227	3	14.86	1284160	20.0
(DEL) Alkane: Str...	16.51	6.3	ng/ul	542043	4	17.60	1724230	20.0
(DEL) Alkane: Str...	17.30	6.5	ng/ul	559025	4	17.60	1724230	20.0
(DEL) Alkane: Str...	18.04	6.5	ng/ul	556536	4	17.60	1724230	20.0
(DEL) Alkane: Str...	19.35	3.7	ng/ul	315359	4	17.60	1724230	20.0
(DEL) Alkane: Str...	19.92	2.0	ng/ul	219895	5	21.89	2187450	20.0
(DEL) Alkane: Str...	20.45	3.6	ng/ul	390502	5	21.89	2187450	20.0