LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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	8.233	902	918	926	rBV	306766	611511	4.06%	0.713%
2	8.879	1018	1028	1035	rBV	61083	181014	1.20%	0.211%
3	9.020	1045	1052	1059	rBV3	123210	241330	1.60%	0.282%
4	9.331	1096	1105	1114	rVB9	56963	193248	1.28%	0.225%
5	9.666	1155	1162	1176	rBV	531683	1035674	6.88%	1.208%
6	9.784	1176	1182	1190	rVB3	95902	184813	1.23%	0.216%
7	10.007	1214	1220	1231	rBV2	127926	226556	1.50%	0.264%
8	10.160	1231	1246	1250	rBV6	66689	187173	1.24%	0.218%
9	10.219	1250	1256	1269	rBV2	606142	1405365	9.33%	1.639%
10	10.530	1286	1309	1320	rBV	583145	1615649	10.73%	1.885%
11	10.683	1329	1335	1341	rBV5	133970	275620	1.83%	0.322%
12	10.871	1355	1367	1372	rBV	221875	468699	3.11%	0.547%
13	10.924	1372	1376	1389	rVB6	192869	467057	3.10%	0.545%
14	11.059	1389	1399	1404	rBV	399272	721992	4.79%	0.842%
15	11.194	1415	1422	1431	rVV	574145	985060	6.54%	1.149%
16	11.317	1432	1443	1451	rVB3	123289	365243	2.43%	0.426%
17	11.411	1451	1459	1463	rBV2	311769	570553	3.79%	0.666%
18	11.458	1464	1467	1470	rVV2	126983	207529	1.38%	0.242%
19	11.494	1470	1473	1482	rVV2	154514	319593	2.12%	0.373%
20	11.588	1482	1489	1494	rVV	602356	1101498	7.31%	1.285%
21	11.640	1494	1498	1507	rVB2	323423	636460	4.23%	0.742%
22	11.876	1531	1538	1544	rBV	891901	1580450	10.49%	1.844%
23	12.064	1563	1570	1574	rBV	265488	502915	3.34%	0.587%
24	12.122	1574	1580	1585	rVV	378928	768550	5.10%	0.897%
25	12.199	1589	1593	1596	rVV3	123947	242586	1.61%	0.283%
26	12.234	1596	1599	1608	rVB2	123320	222913	1.48%	0.260%
27	12.434	1624	1633	1641	rVB3	235668	514310	3.41%	0.600%
28	12.586	1647	1659	1664	rBV8	128292	440096	2.92%	0.513%
29	12.698	1673	1678	1681	rBV2	171945	302769	2.01%	0.353%
30	12.733	1681	1684	1693	rVB6	227527	510382	3.39%	0.595%
31	12.821	1693	1699	1704	rBV2	236724	391237	2.60%	0.456%
32	12.915	1710	1715	1723	rVB3	172658	312323	2.07%	0.364%
33	13.004	1723	1730	1733	rBV3	169434	284190	1.89%	0.332%
34	13.051	1733	1738	1742	rBV2	289921	477779	3.17%	0.557%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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	13.121	1747	1750	1759	rVB7	152481	284620	1.89%	0.332%
36	13.209	1759	1765	1769	rBV	1518790	2369184	15.73%	2.764%
37	13.256	1769	1773	1781	rVV3	857881	1494587	9.92%	1.743%
38	13.333	1781	1786	1799	rVB7	233355	569782	3.78%	0.665%
39	13.444	1799	1805	1811	rBV5	136596	260309	1.73%	0.304%
40	13.885	1877	1880	1894	rVB9	78691	307230	2.04%	0.358%
41	13.997	1894	1899	1904	rBV4	153820	361883	2.40%	0.422%
42	14.179	1924	1930	1935	rBV4	329447	771666	5.12%	0.900%
43	14.232	1935	1939	1947	rVB5	279168	586862	3.90%	0.685%
44	14.337	1947	1957	1967	rBV2	811546	1879779	12.48%	2.193%
45	14.555	1987	1994	2007	rVB9	109457	331837	2.20%	0.387%
46	14.660	2007	2012	2015	rBV7	112632	207747	1.38%	0.242%
47	14.690	2015	2017	2024	rVB3	92094	185811	1.23%	0.217%
48	14.854	2040	2045	2054	rVV	858452	1575782	10.46%	1.838%
49	14.948	2054	2061	2064	rVV4	174143	369066	2.45%	0.431%
50	14.984	2064	2067	2074	rVV2	187282	307036	2.04%	0.358%
51	15.242	2104	2111	2116	rVV6	92428	282678	1.88%	0.330%
52	15.319	2116	2124	2132	rVB7	253526	603949	4.01%	0.705%
53	15.460	2139	2148	2153	rVB8	63160	168370	1.12%	0.196%
54	15.612	2169	2174	2176	rBV2	134518	209755	1.39%	0.245%
55	15.900	2216	2223	2231	rVB5	353710	809791	5.38%	0.945%
56	16.441	2309	2315	2320	rBV8	236786	470571	3.12%	0.549%
57	16.500	2320	2325	2330	rVV2	271757	519250	3.45%	0.606%
58	16.547	2330	2333	2340	rVB3	162654	282295	1.87%	0.329%
59	16.623	2340	2346	2352	rBV10	73963	193436	1.28%	0.226%
60	16.717	2353	2362	2368	rVB7	209484	465958	3.09%	0.544%
61	16.799	2371	2376	2382	rVB10	87392	181144	1.20%	0.211%
62	16.876	2384	2389	2396	rBV8	159548	433152	2.88%	0.505%
63	17.287	2455	2459	2463	rVV2	263644	290858	1.93%	0.339%
64	17.434	2480	2484	2490	rBV6	140247	265910	1.77%	0.310%
65	17.492	2490	2494	2498	rBV	343576	530039	3.52%	0.618%
66	17.528	2498	2500	2506	rVB6	188462	245809	1.63%	0.287%
67	17.598	2506	2512	2515	rBV2	838188	1481704	9.84%	1.728%
68	17.692	2524	2528	2533	rBV5	181437	314533	2.09%	0.367%
69	17.774	2534	2542	2562	rVB2	7831560	15060712	100.00%	17.568%
70	17.951	2567	2572	2575	rBV4	164670	254610	1.69%	0.297%
71	17.986	2575	2578	2582	rVB2	193891	241672	1.60%	0.282%

LSC Area Percent Report

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Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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	18.027	2582	2585	2589	rBV3	326837	507270	3.37%	0.592%
73	18.074	2589	2593	2597	rVB5	182892	327226	2.17%	0.382%
74	18.339	2625	2638	2641	rBV	2381231	3885412	25.80%	4.532%
75	18.444	2650	2656	2664	rBV5	188381	430051	2.86%	0.502%
76	18.650	2685	2691	2698	rBV5	276549	706351	4.69%	0.824%
77	18.709	2698	2701	2709	rVB2	320560	428720	2.85%	0.500%
78	18.985	2745	2748	2756	rVB9	105781	176853	1.17%	0.206%
79	19.173	2776	2780	2785	rBV6	110377	195339	1.30%	0.228%
80	19.284	2794	2799	2805	rVV	1961286	2926784	19.43%	3.414%
81	19.331	2805	2807	2811	rVB	316934	334275	2.22%	0.390%
82	19.408	2816	2820	2826	rBV7	199376	322060	2.14%	0.376%
83	19.755	2874	2879	2886	rBV3	241885	552507	3.67%	0.645%
84	19.878	2896	2900	2902	rBV4	250700	285548	1.90%	0.333%
85	19.907	2902	2905	2910	rVV	386759	474871	3.15%	0.554%
86	19.954	2910	2913	2919	rVV5	511233	710883	4.72%	0.829%
87	20.089	2930	2936	2942	rVB7	152434	373599	2.48%	0.436%
88	20.178	2948	2951	2959	rVB2	269553	417415	2.77%	0.487%
89	20.436	2987	2995	3000	rBV2	479730	943684	6.27%	1.101%
90	20.706	3034	3041	3047	rVB6	389363	934765	6.21%	1.090%
91	20.971	3070	3086	3093	rVB3	2106810	7228923	48.00%	8.433%
92	21.282	3135	3139	3152	rVB6	338520	1126464	7.48%	1.314%
93	21.635	3192	3199	3209	rVB	1247859	3179037	21.11%	3.708%
94	21.899	3238	3244	3250	rVB	955348	1712514	11.37%	1.998%
95	22.158	3284	3288	3292	rVB2	132772	215219	1.43%	0.251%
96	22.246	3299	3303	3310	rVB2	333044	553451	3.67%	0.646%
97	22.440	3333	3336	3342	rVB	160448	260933	1.73%	0.304%
98	25.324	3818	3827	3837	rVB3	555308	1771035	11.76%	2.066%
99	26.529	4026	4032	4039	rVB3	98720	312842	2.08%	0.365%
100	27.163	4136	4140	4155	rVB3	233436	710684	4.72%	0.829%

Sum of corrected areas: 85726229

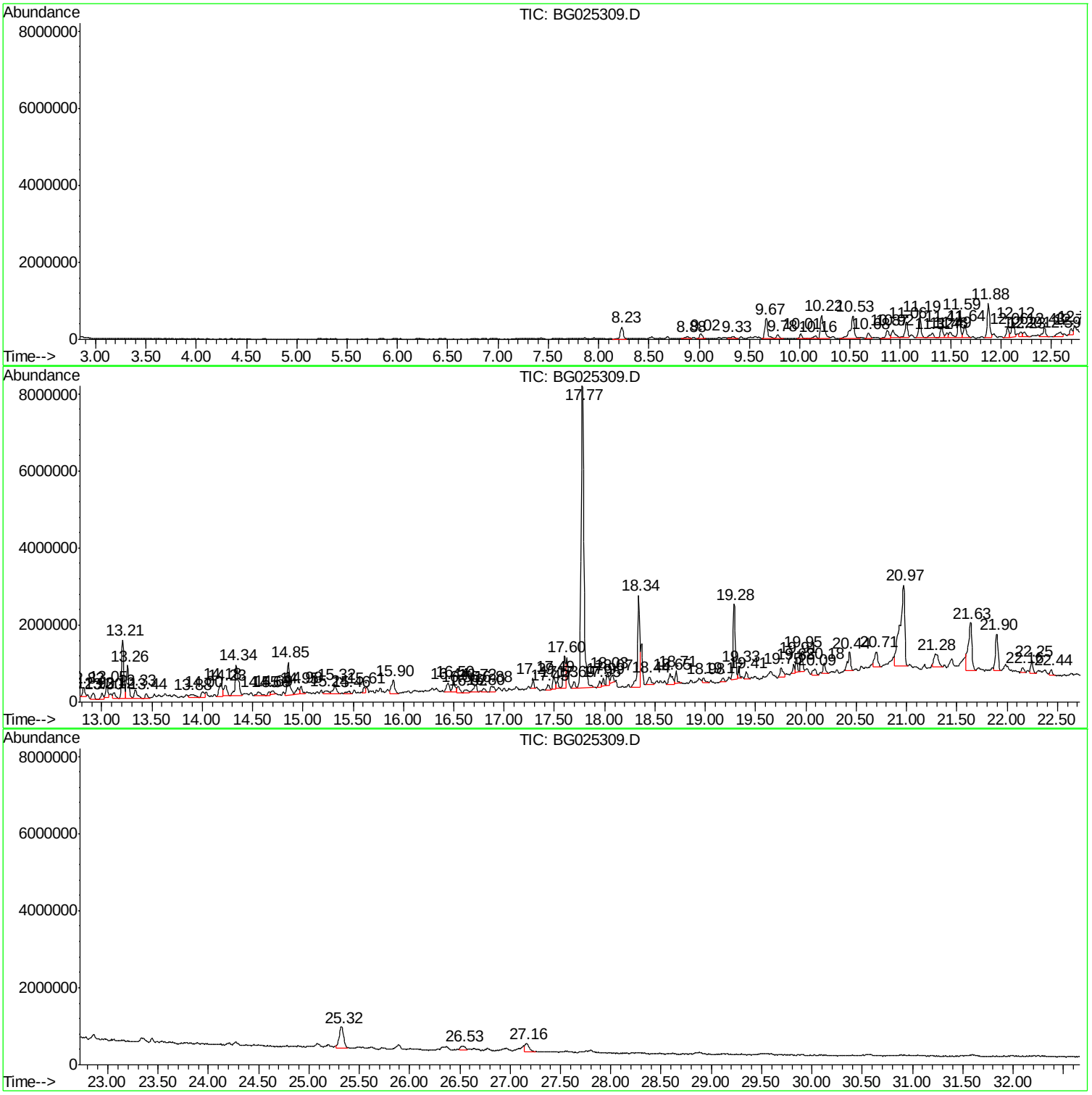
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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 : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

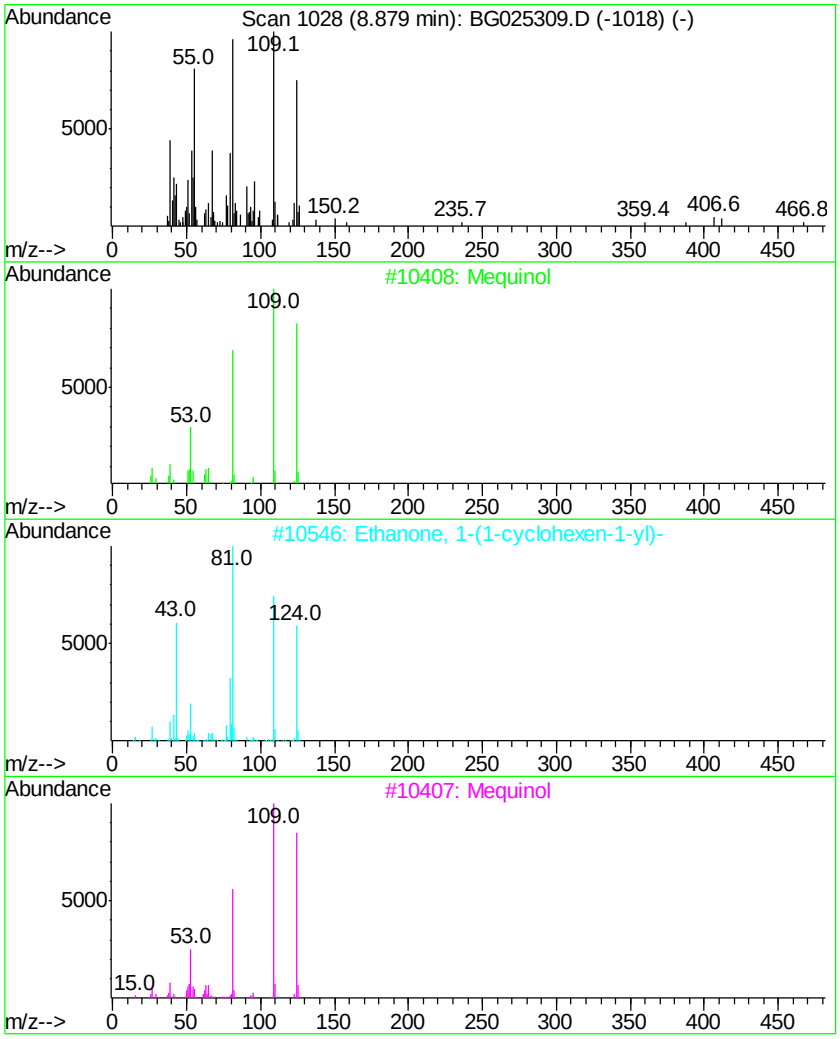
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

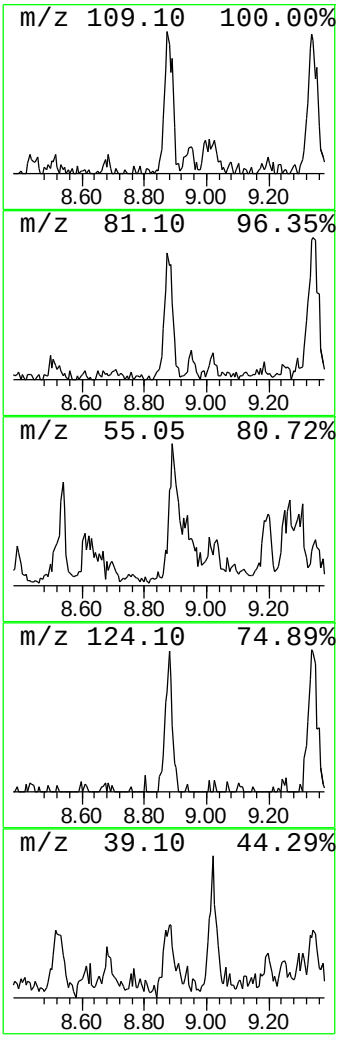
****

Peak Number 1 Mequinol Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	5.92 ng/ul	181014	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mequinol	124	C7H8O2	000150-76-5	81
2	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	81
3	Mequinol	124	C7H8O2	000150-76-5	81
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	74
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

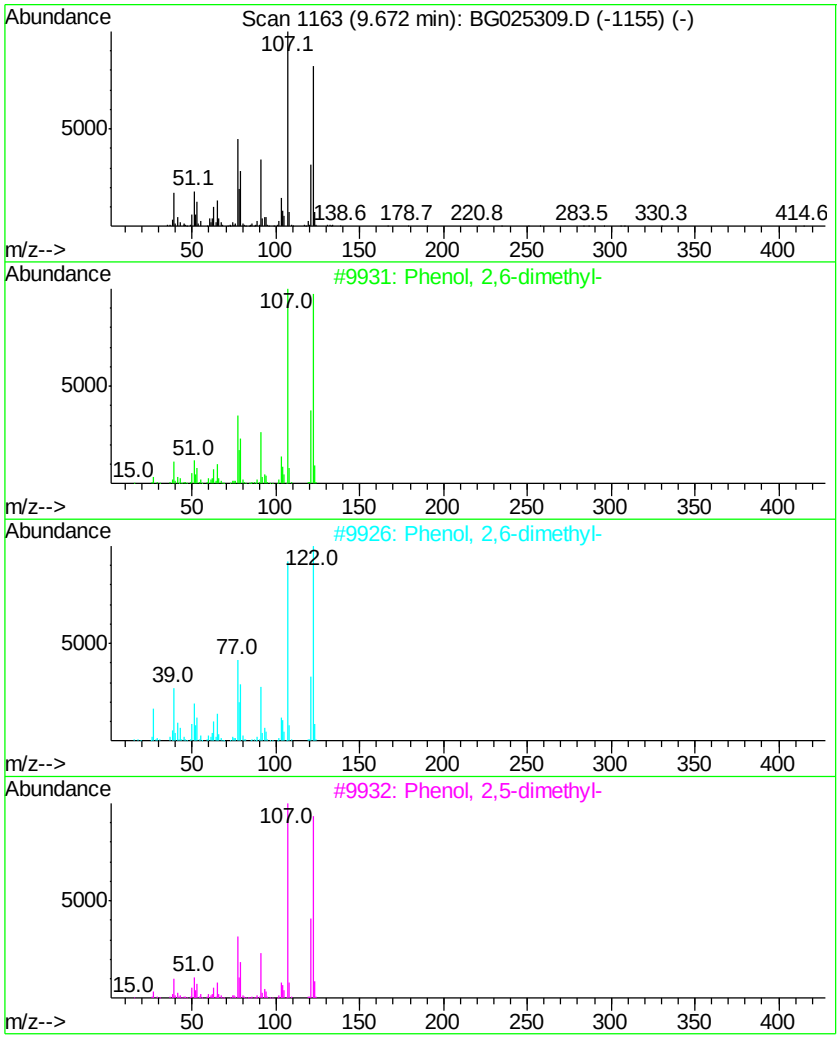
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

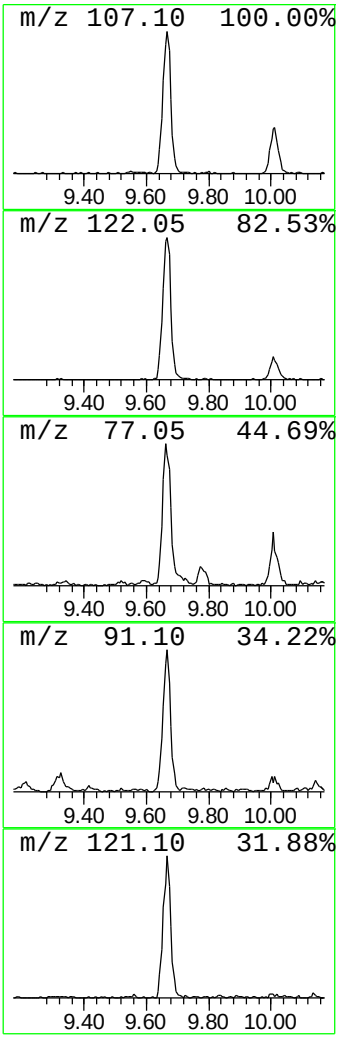
****

Peak Number 3 Phenol, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	28.69 ng/ul	1035670	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	93
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

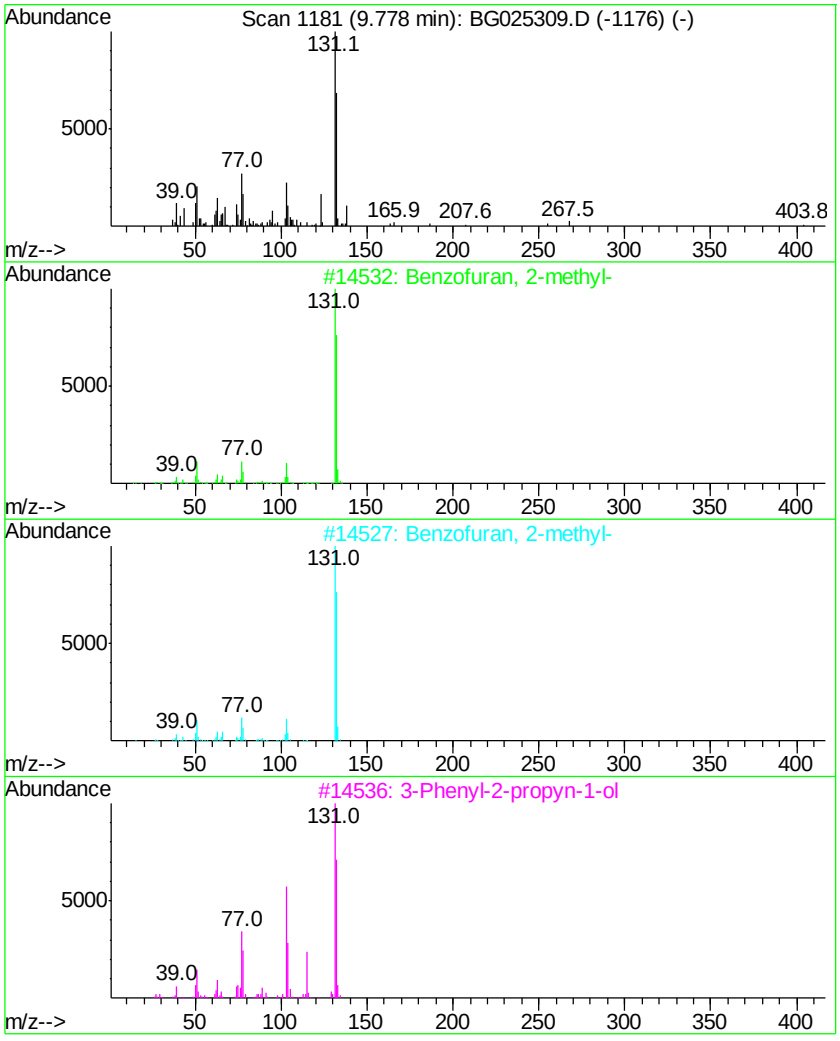
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

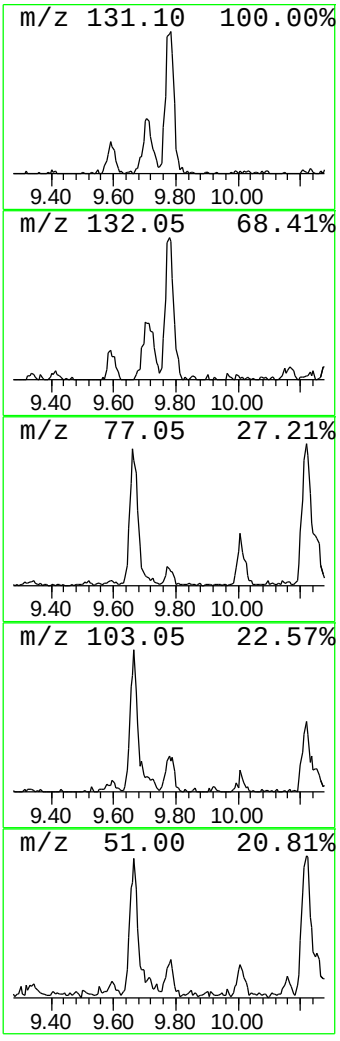
****

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	5.12 ng/ul	184813	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	76
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	76
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	74
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	64
5	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

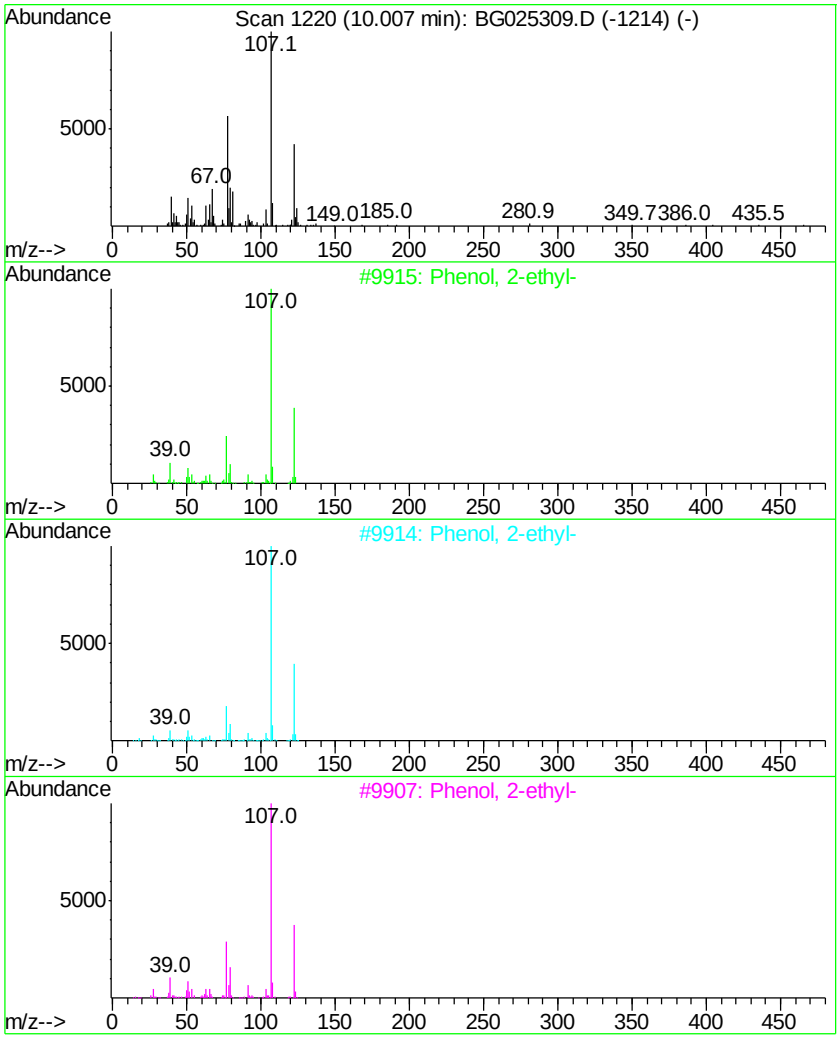
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

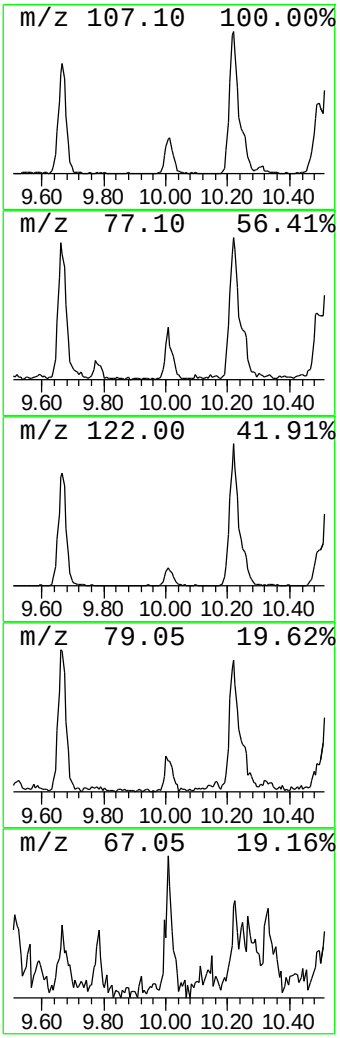
****

Peak Number 5 Phenol, 2-ethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	6.28 ng/ul	226556	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	83
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	76
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	70
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

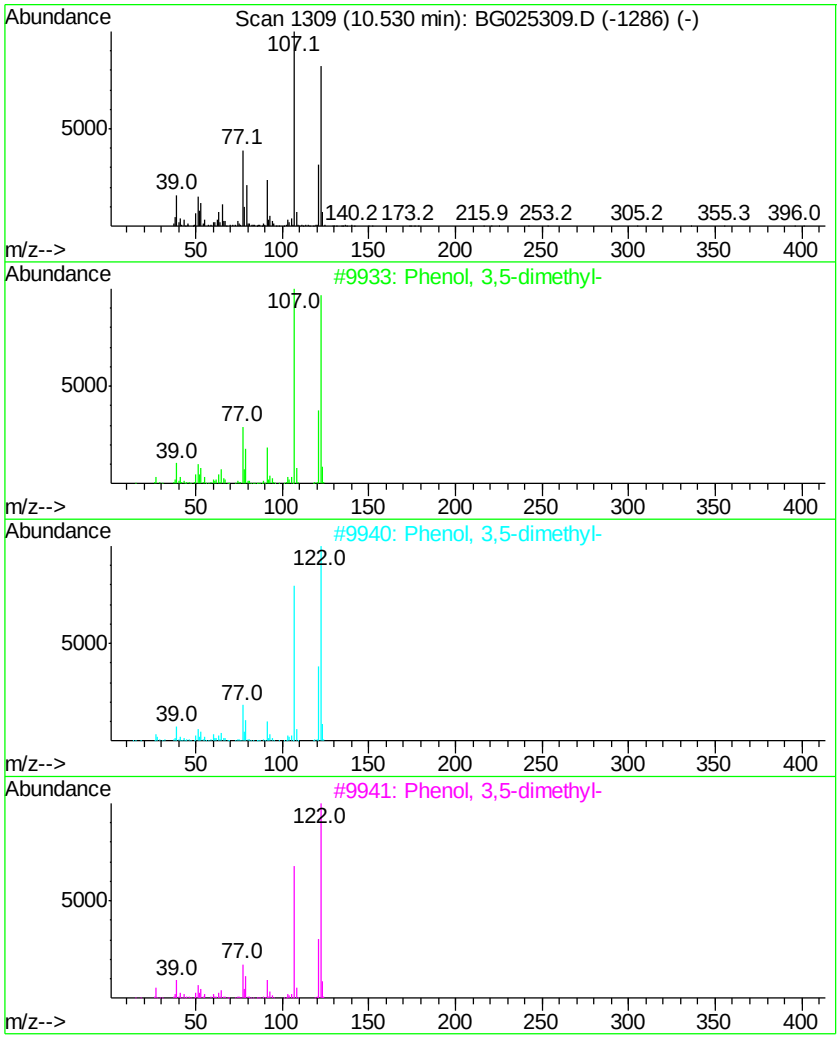
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

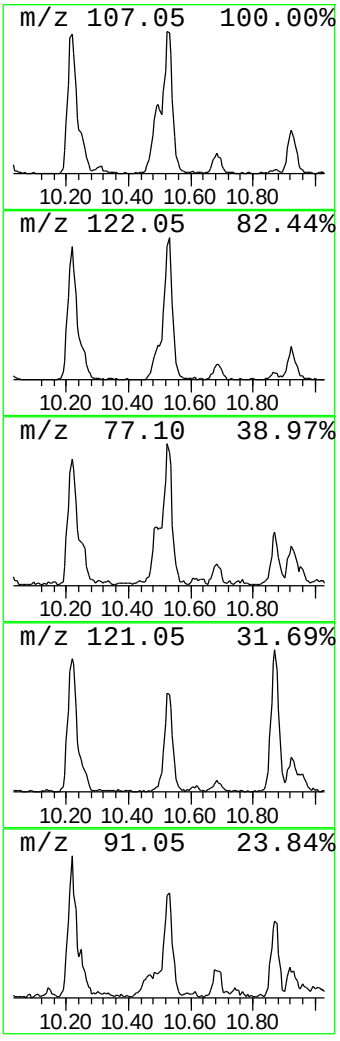
****

Peak Number 6 Phenol, 3,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	44.76 ng/ul	1615650	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	97
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

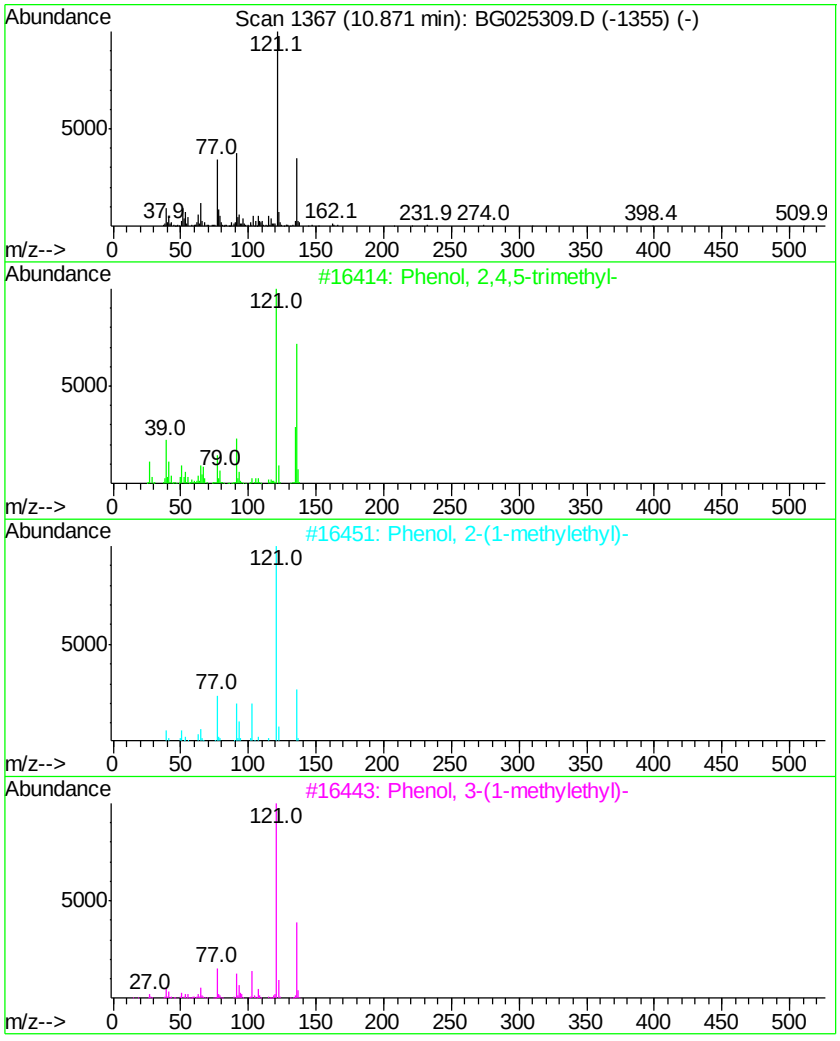
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

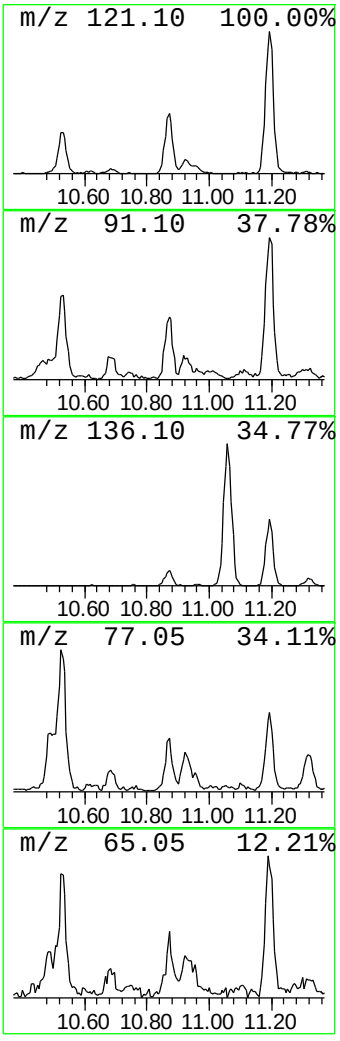
****

Peak Number 7 Phenol, 2,4,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	12.98 ng/ul	468699	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	90
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	80
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	72
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	72





Library Search Compound Report

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Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

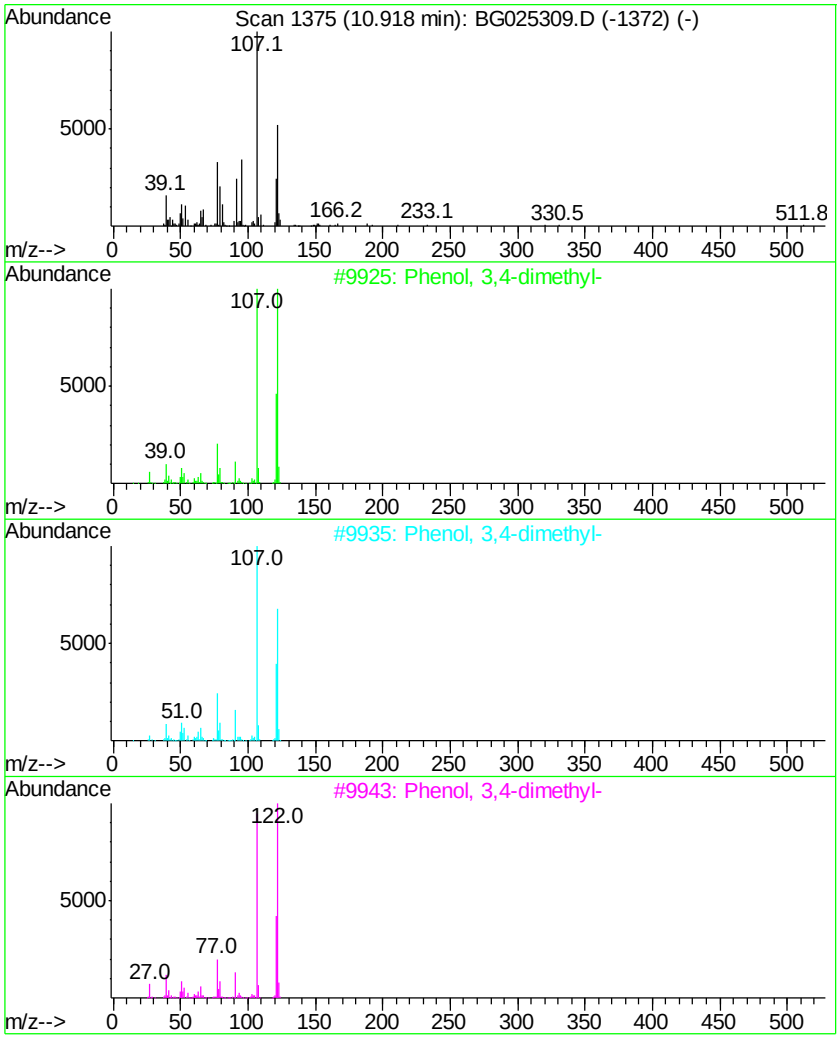
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

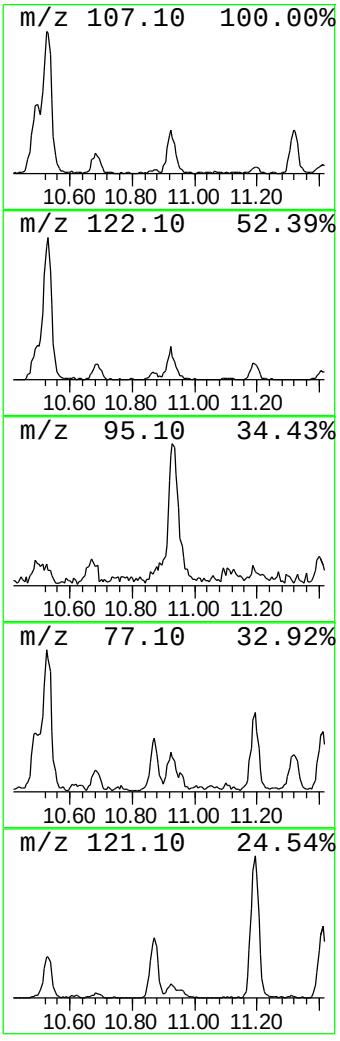
****

Peak Number 8 Phenol, 3,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	12.94 ng/ul	467057	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	93
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	92
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	70
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	70
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	70





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Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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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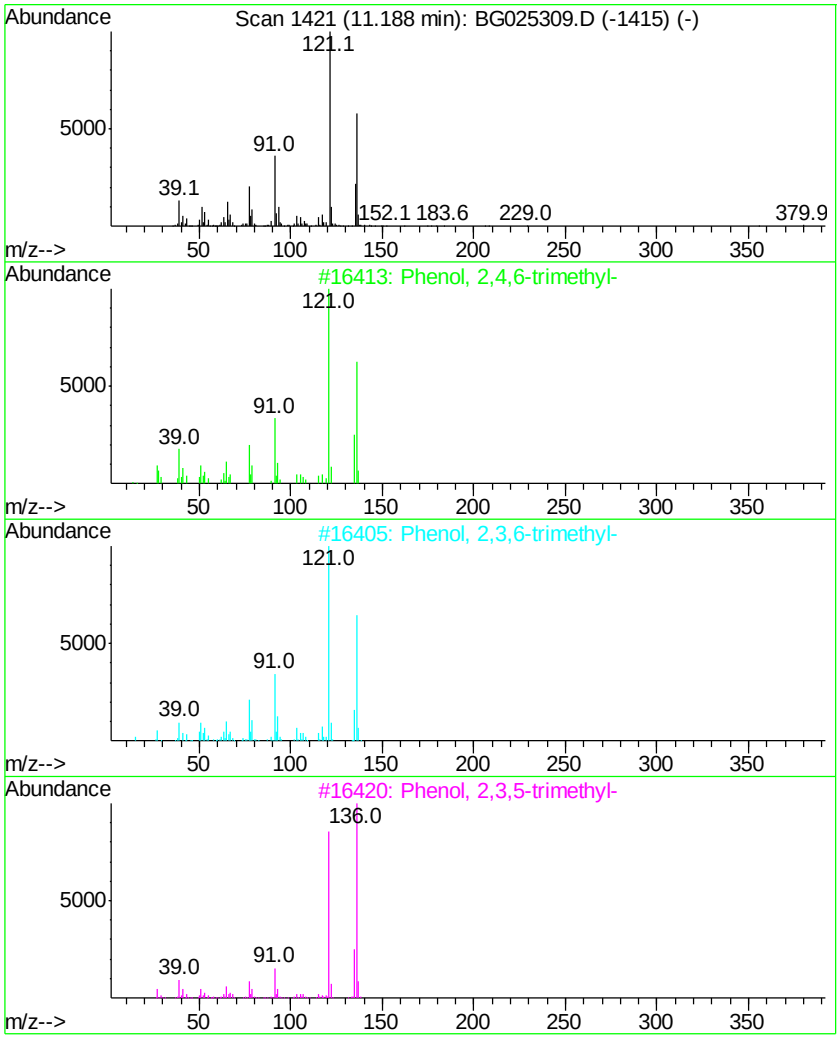
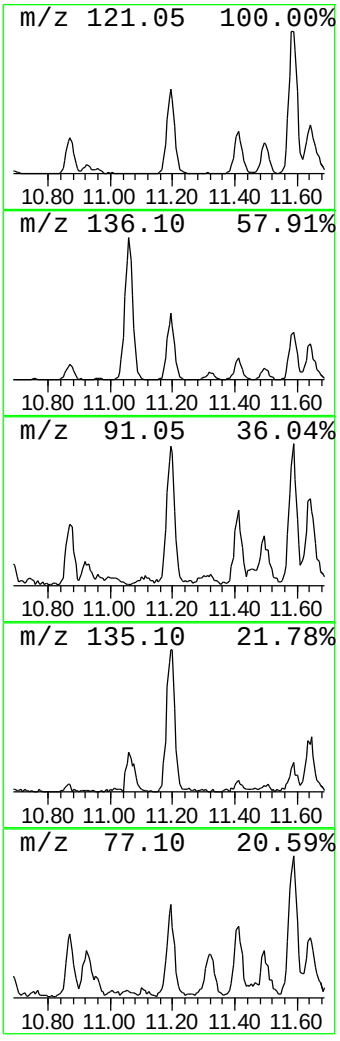
Peak Number 9 Phenol, 2,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	27.29 ng/ul	985060	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	96
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	94
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	93
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	93





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Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

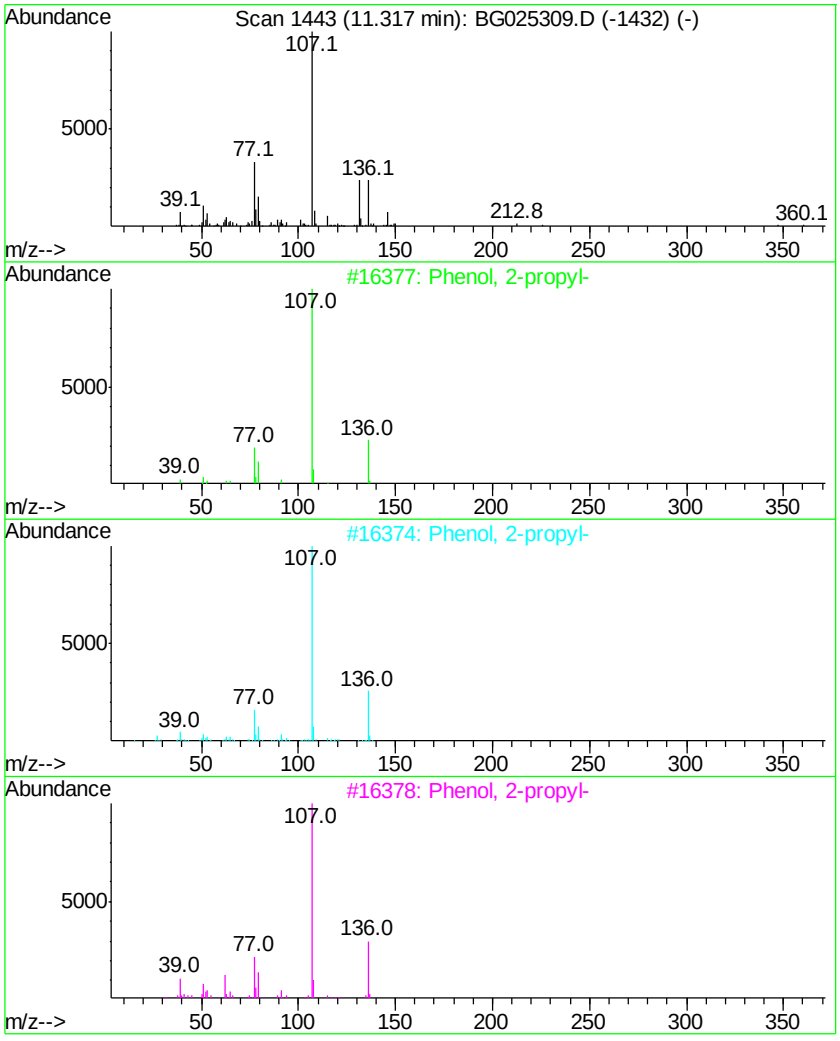
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

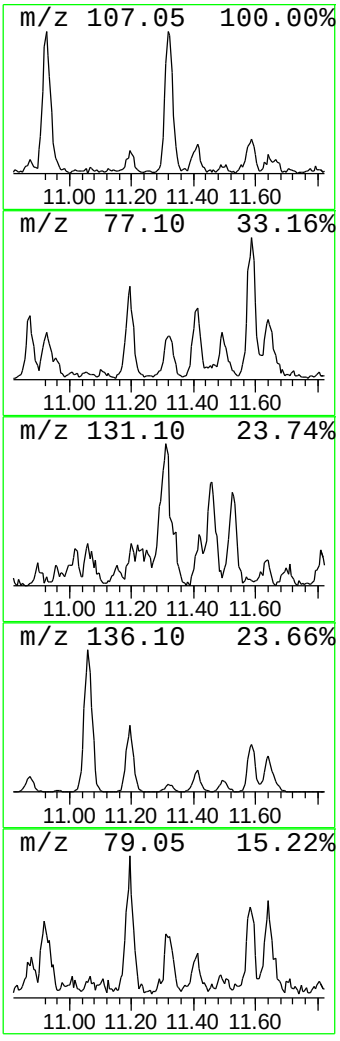
****

Peak Number 10 Phenol, 2-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	10.12 ng/ul	365243	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	74
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	72
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	58
4	Phenol, 4-propyl-	136	C9H12O	000645-56-7	53
5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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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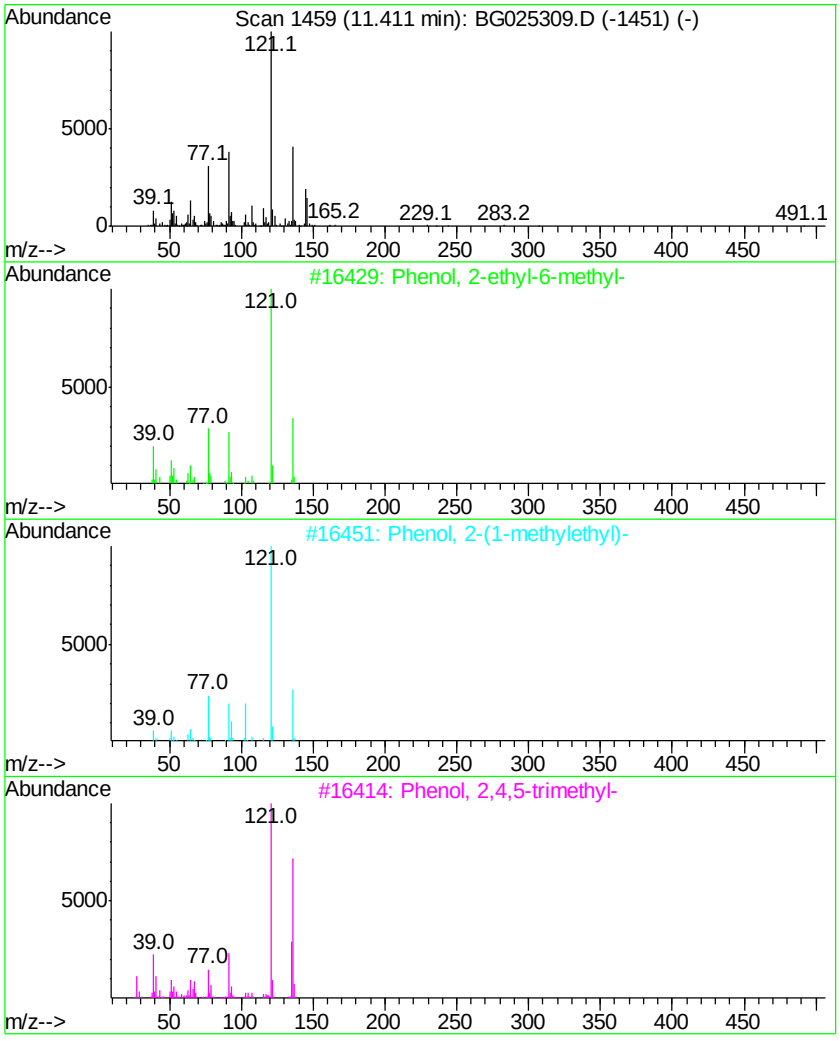
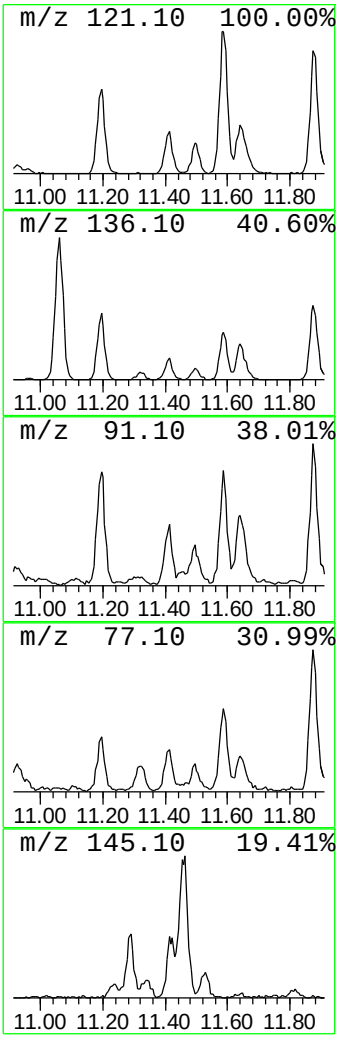
Peak Number 11 Phenol, 2-ethyl-6-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	15.81 ng/ul	570553	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	94
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	76
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	68
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	68
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	64





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Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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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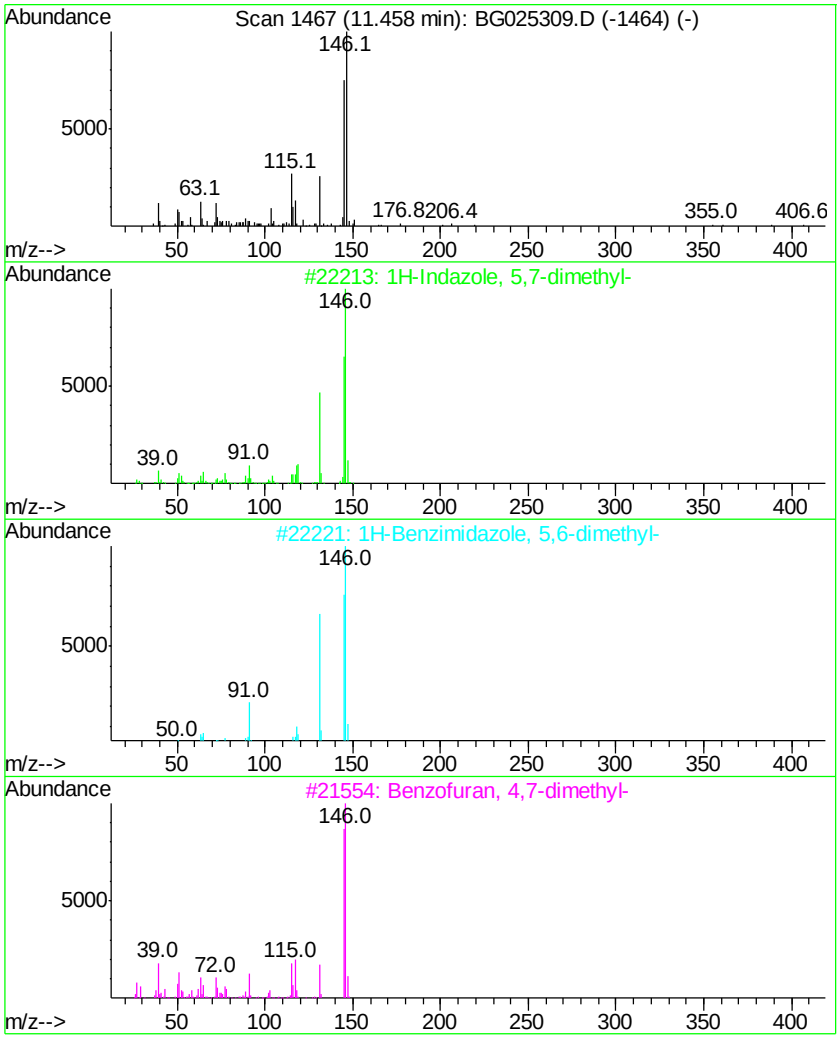
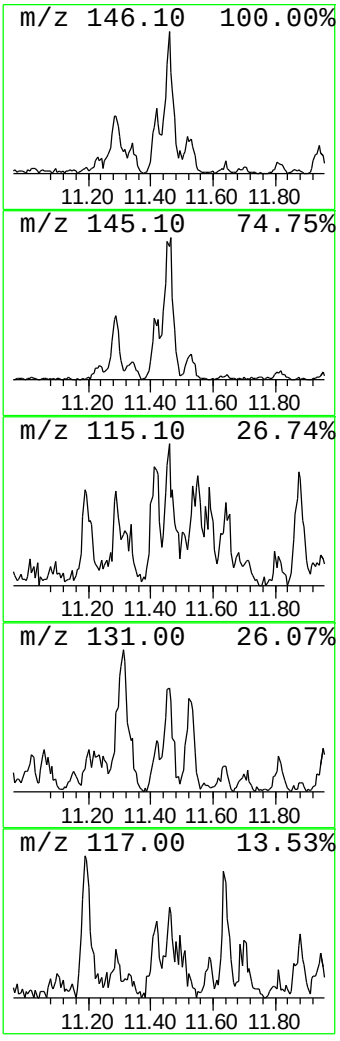
Peak Number 12 1H-Indazole, 5,7-dimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	5.75 ng/ul	207529	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	59
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	59
3	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	53
4	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	52
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	42





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Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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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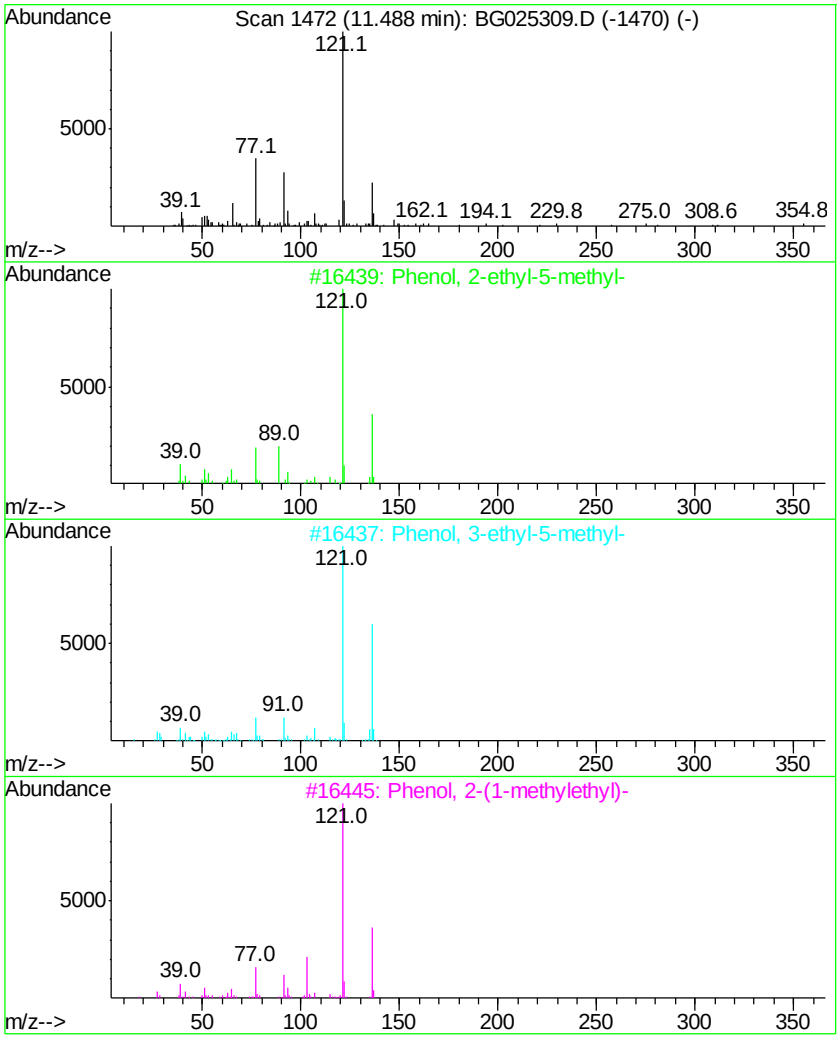
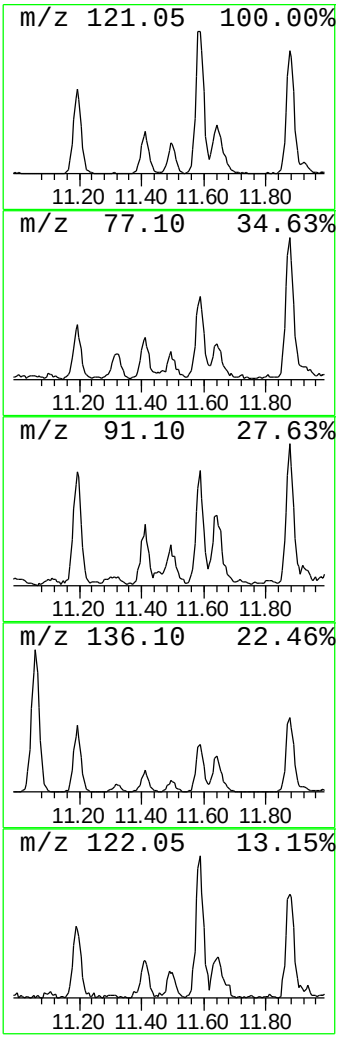
Peak Number 13 Phenol, 2-ethyl-5-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	8.85 ng/ul	319593	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	83
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	80
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	76
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	72
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	72





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Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

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

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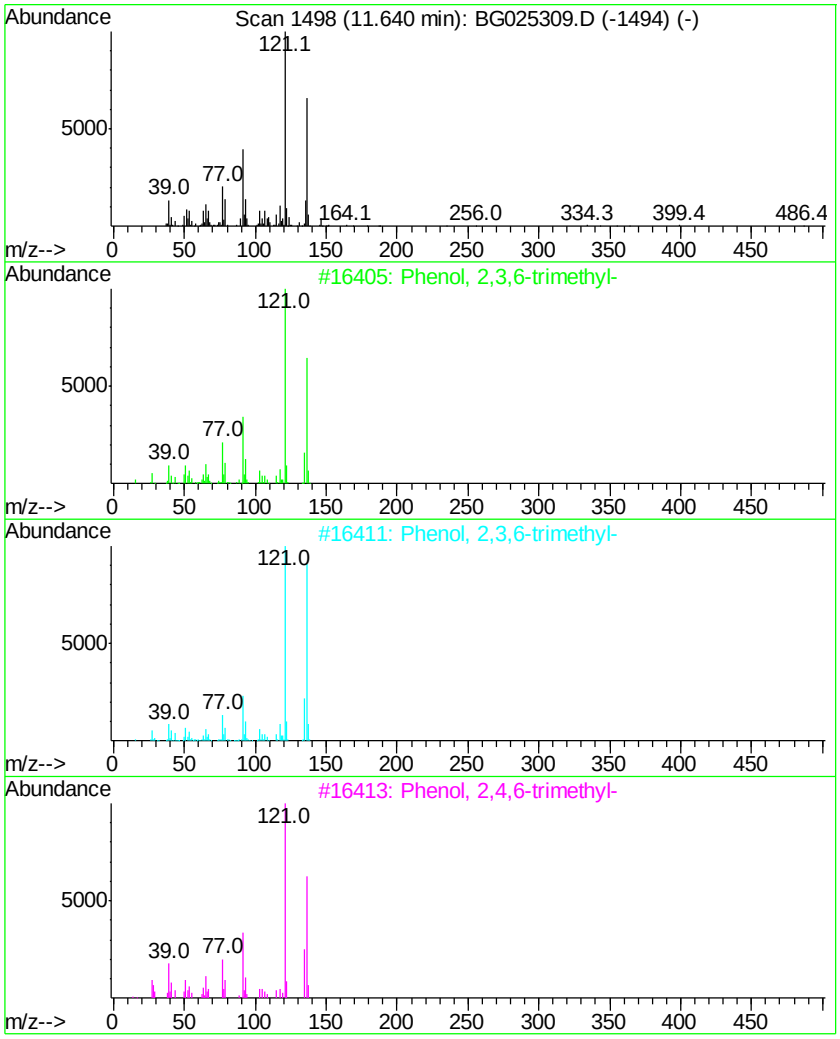
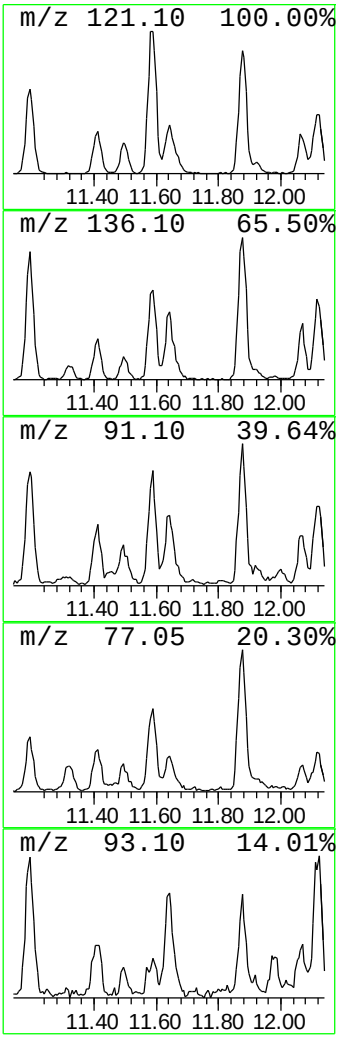
Peak Number 15 Phenol, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	17.63 ng/ul	636460	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	93
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90





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Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

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

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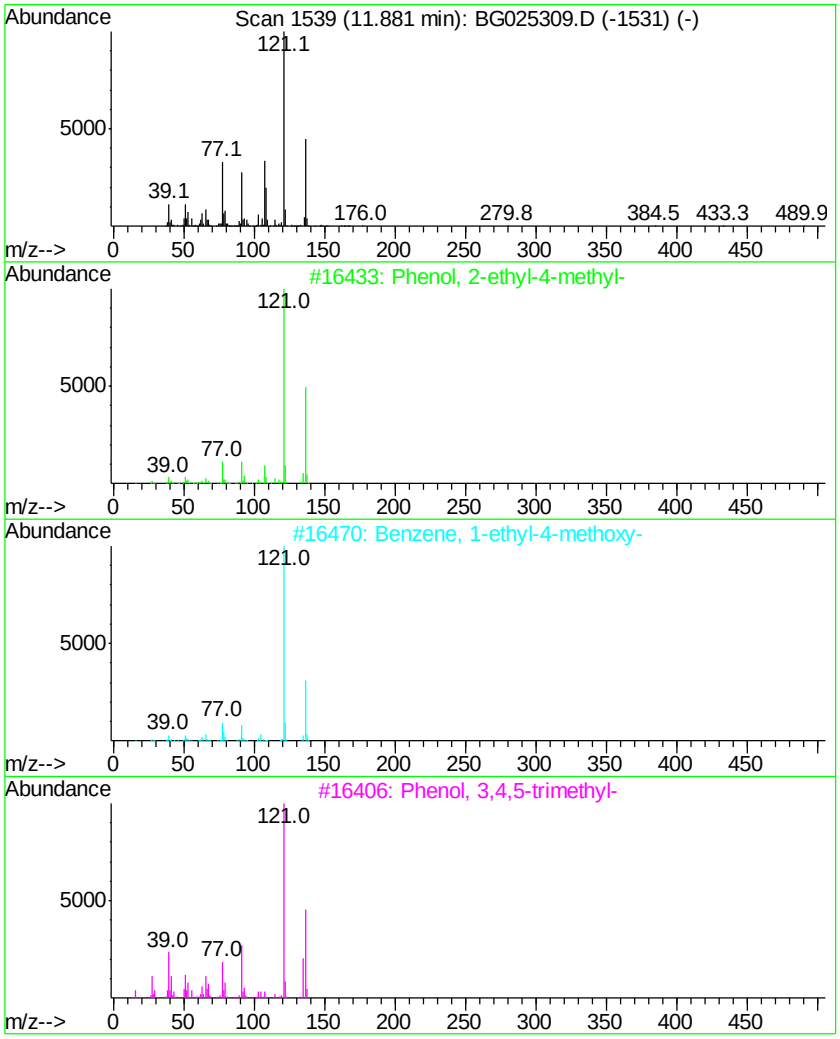
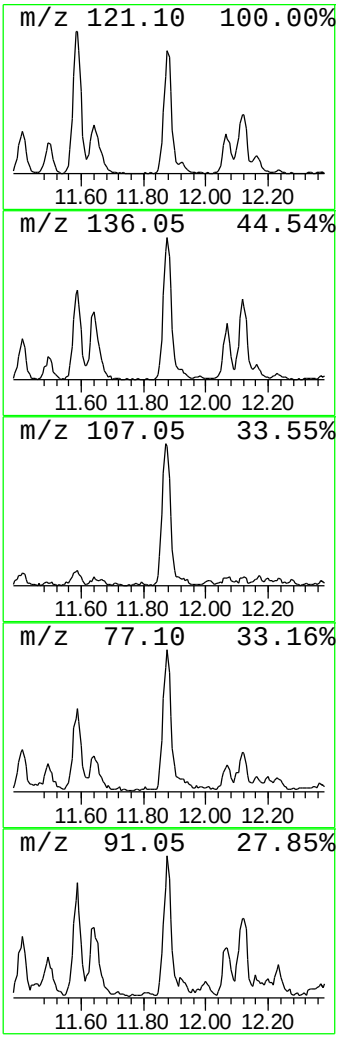
Peak Number 16 Phenol, 2-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	43.78 ng/ul	1580450	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	76
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	70
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	64
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	64
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	64





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Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

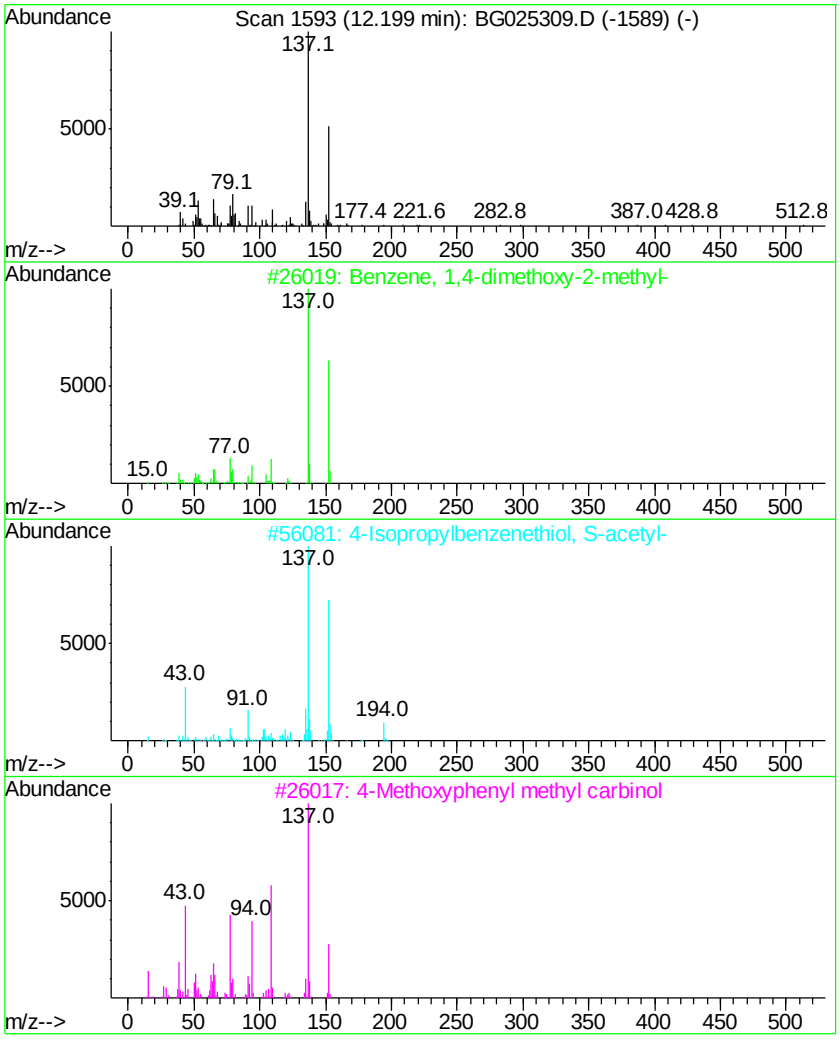
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

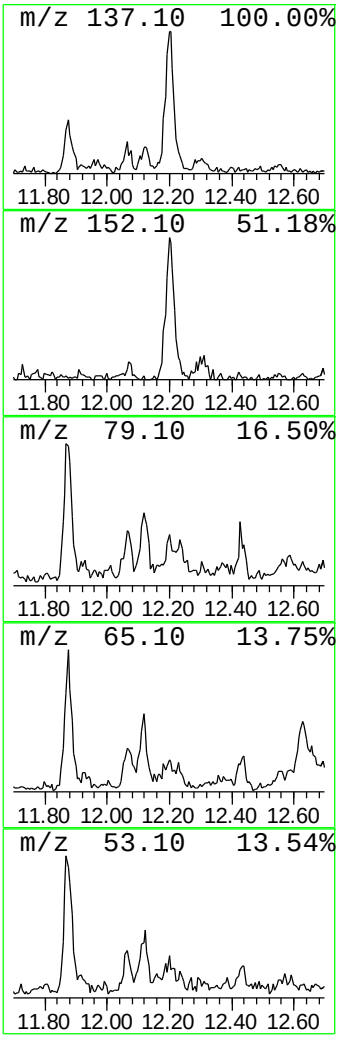
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,4-dimethoxy-2-me... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	6.72 ng/ul	242586	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	81
2	4-Isopropylbenzenethiol, S-acetyl-	194	C11H14OS	1000353-04-7	72
3	4-Methoxyphenyl methyl carbinol	152	C9H12O2	003319-15-1	72
4	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	72
5	Benzenethiol, o-isopropyl-,	152	C9H12S	006262-87-9	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
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Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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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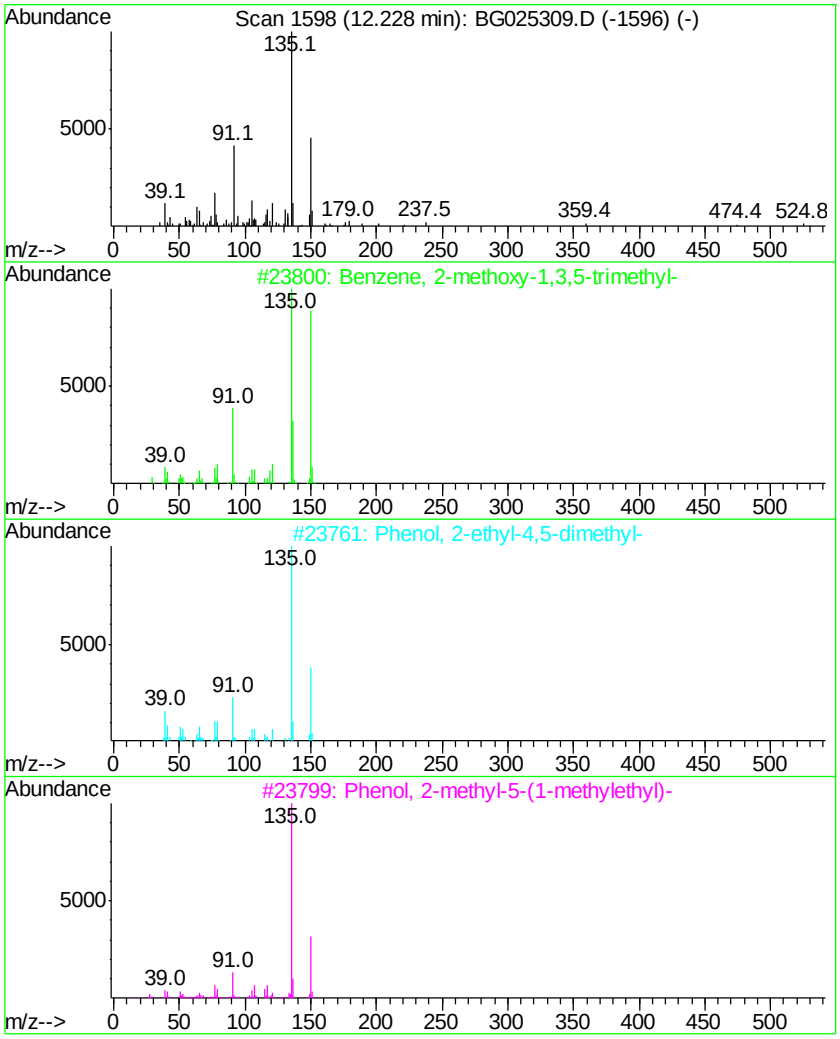
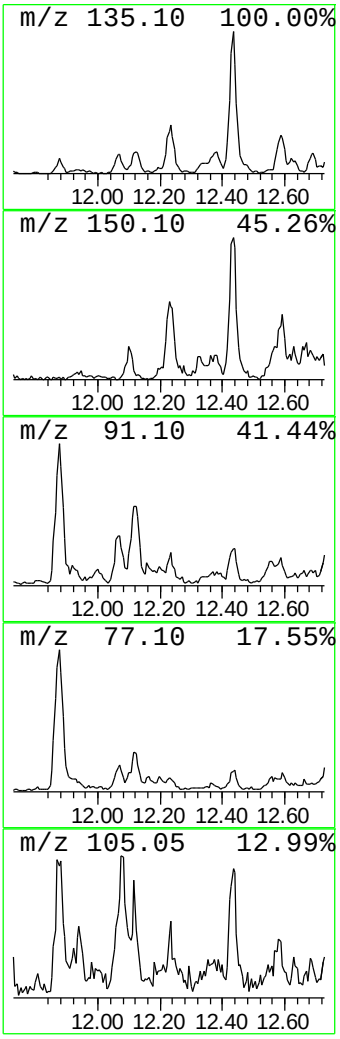
Peak Number 20 Benzene, 2-methoxy-1,3,5-tr... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	6.17 ng/ul	222913	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-methoxy-1,3,5-trimethyl-	150	C10H14O	004028-66-4	72
2	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	72
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	59
4	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	59
5	2-Heptanone, 6-methyl-6-[3-methy...	220	C15H24O	069296-87-3	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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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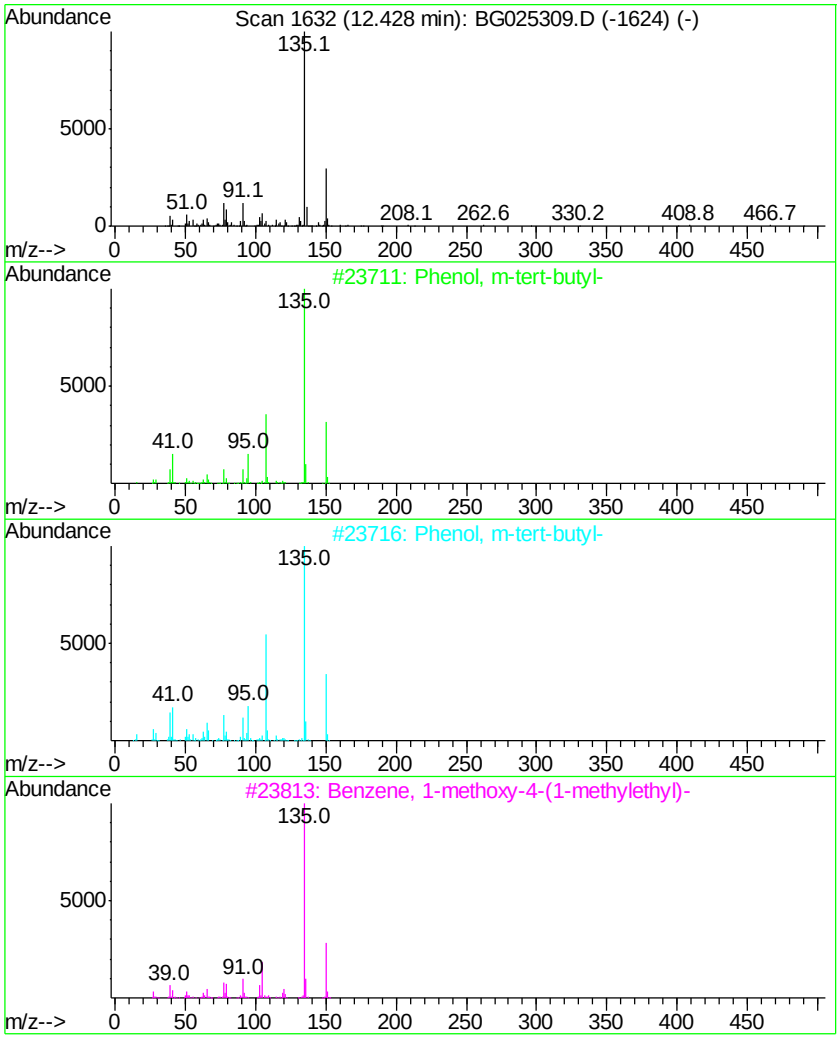
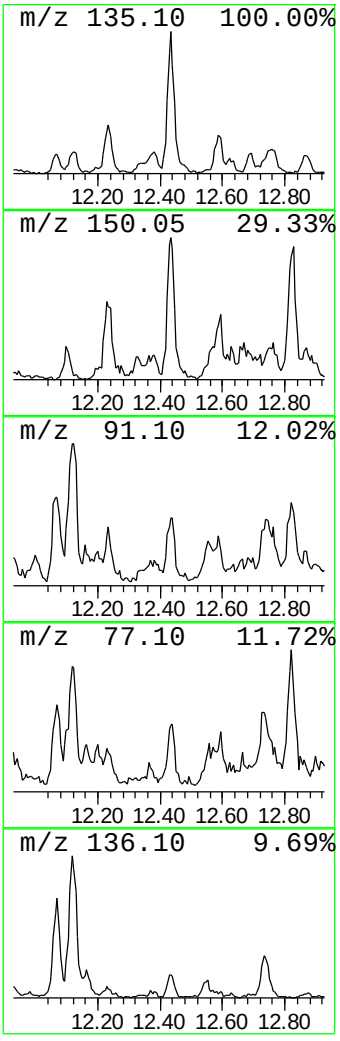
Peak Number 21 Phenol, m-tert-butyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	14.25 ng/ul	514310	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	80
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	80
3	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	80
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	72
5	Thymol	150	C10H14O	000089-83-8	72





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Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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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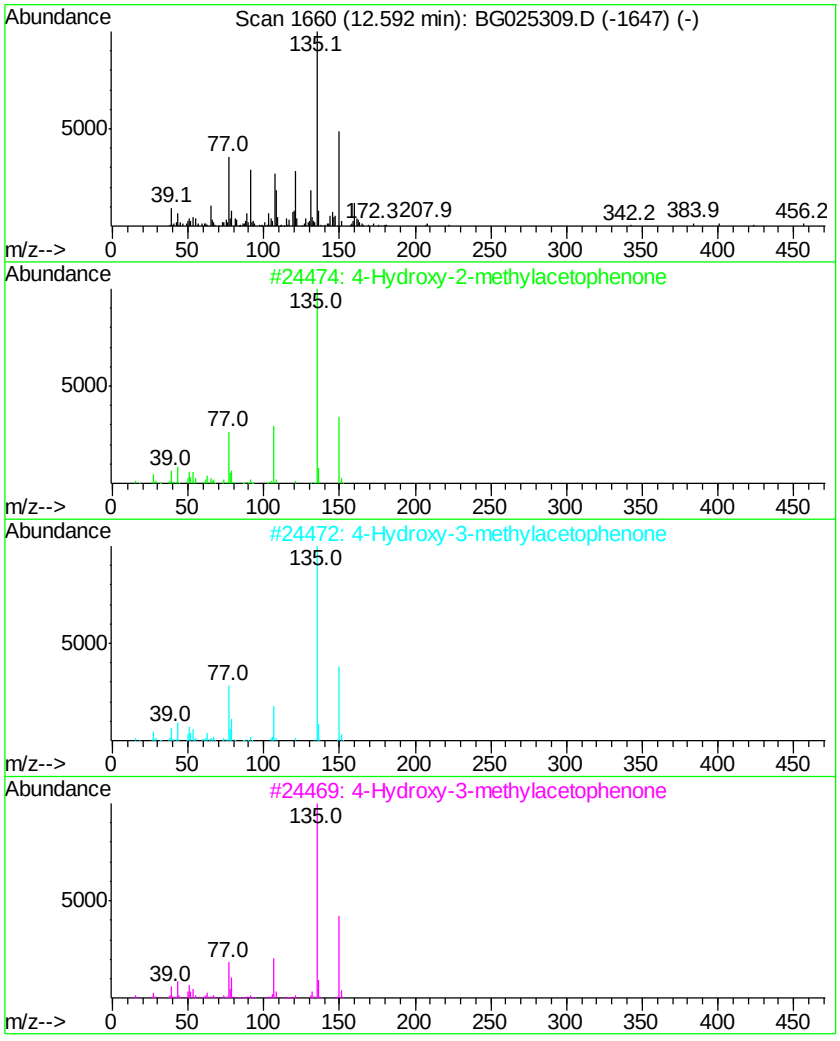
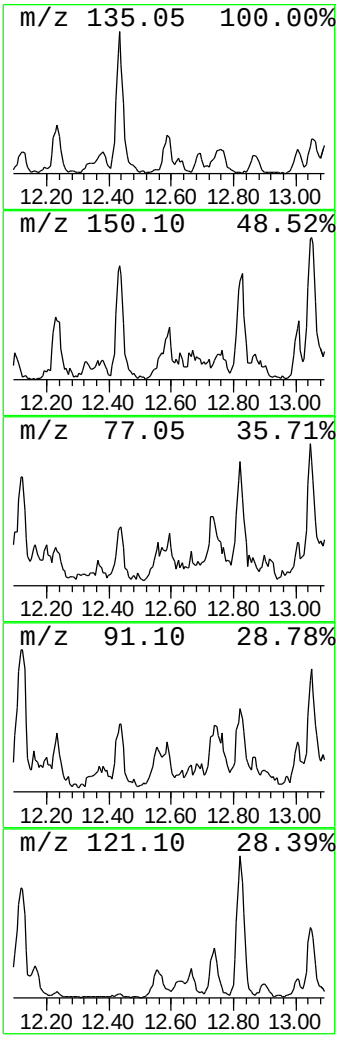
Peak Number 22 4-Hydroxy-2-methylacetophenone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	12.19 ng/ul	440096	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	68
2	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	64
3	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	58
4	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	55
5	1-(4-Hydroxymethylphenyl)ethanone	150	C9H10O2	075633-63-5	53





Library Search Compound Report

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Acq On : 18 Dec 2016 13:52
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Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

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

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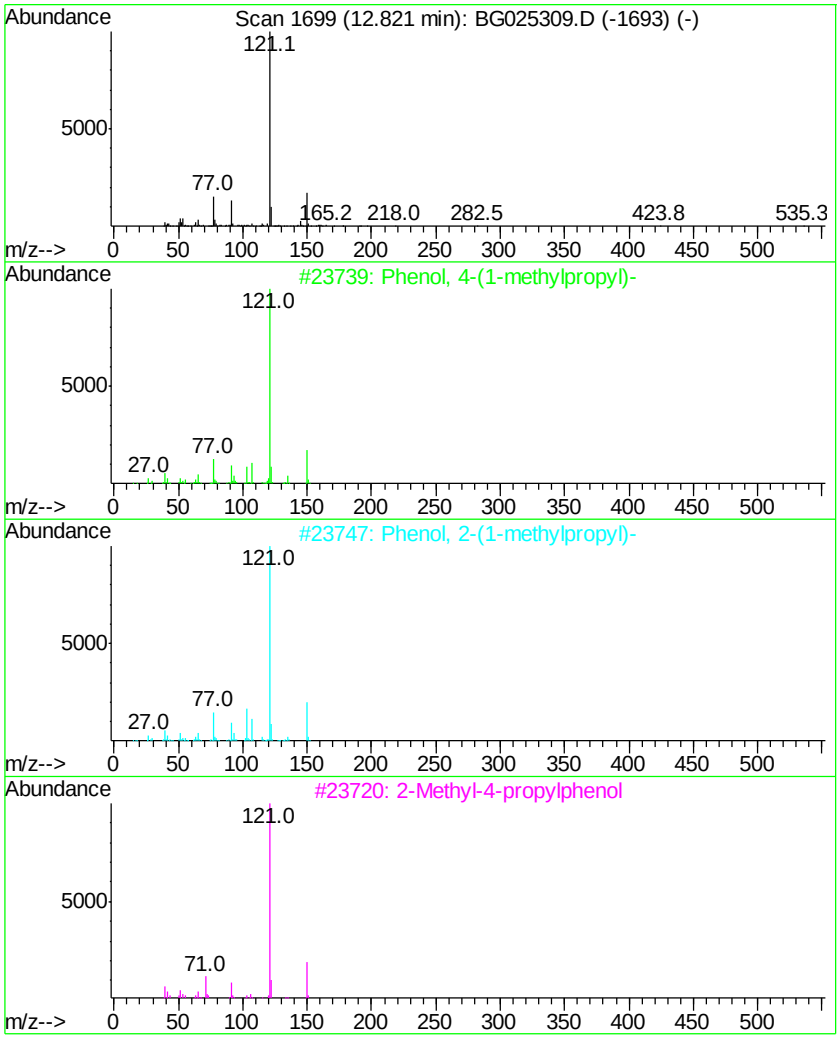
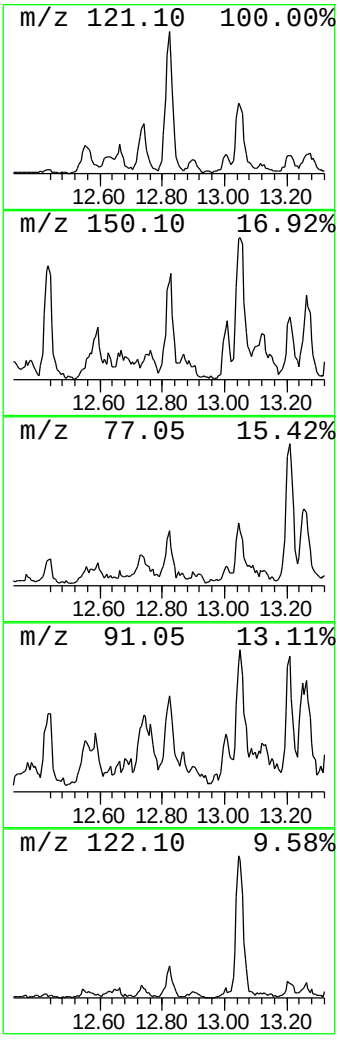
Peak Number 23 Phenol, 4-(1-methylpropyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	10.84 ng/ul	391237	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	90
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	86
3	2-Methyl-4-propylphenol	150	C10H14O	018441-56-0	80
4	Fenobucarb	207	C12H17NO2	003766-81-2	78
5	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	78





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Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

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

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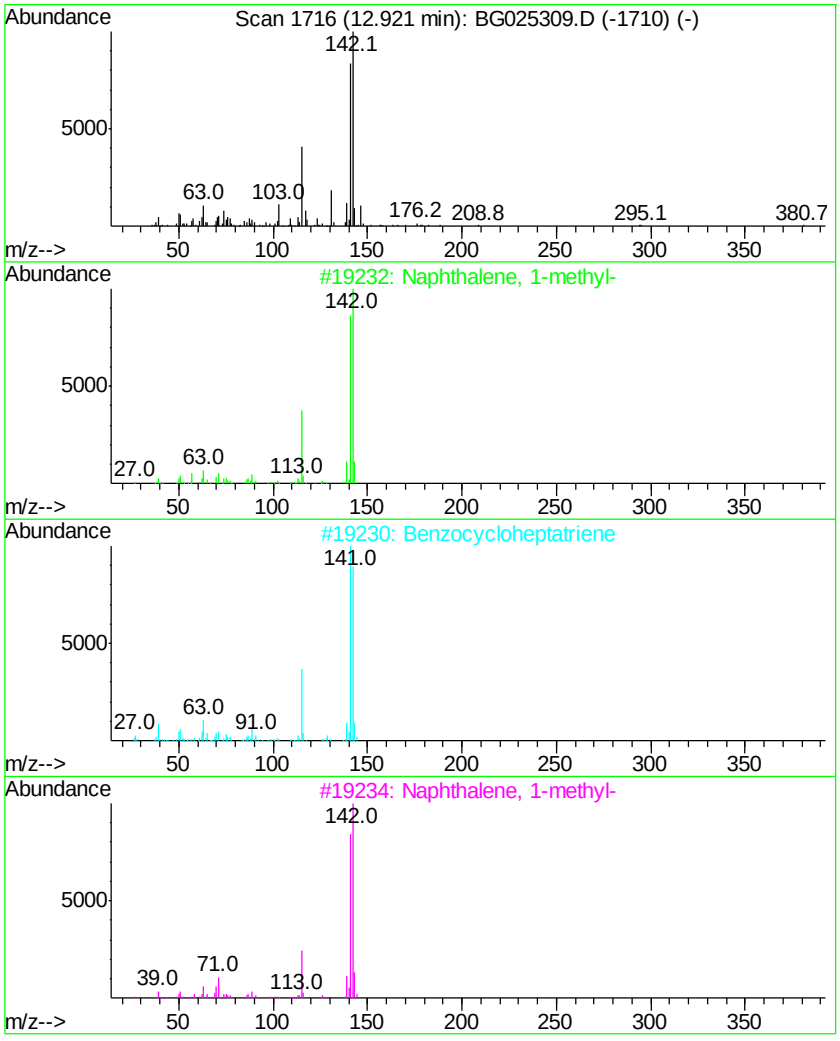
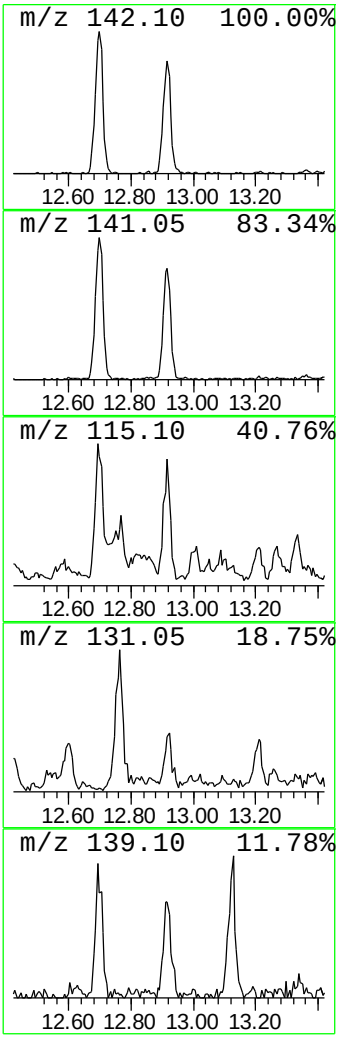
Peak Number 24 Naphthalene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	8.65 ng/ul	312323	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
2	Benzocycloheptatriene	142	C11H10	000264-09-5	81
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	80
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	80
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	74





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Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

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

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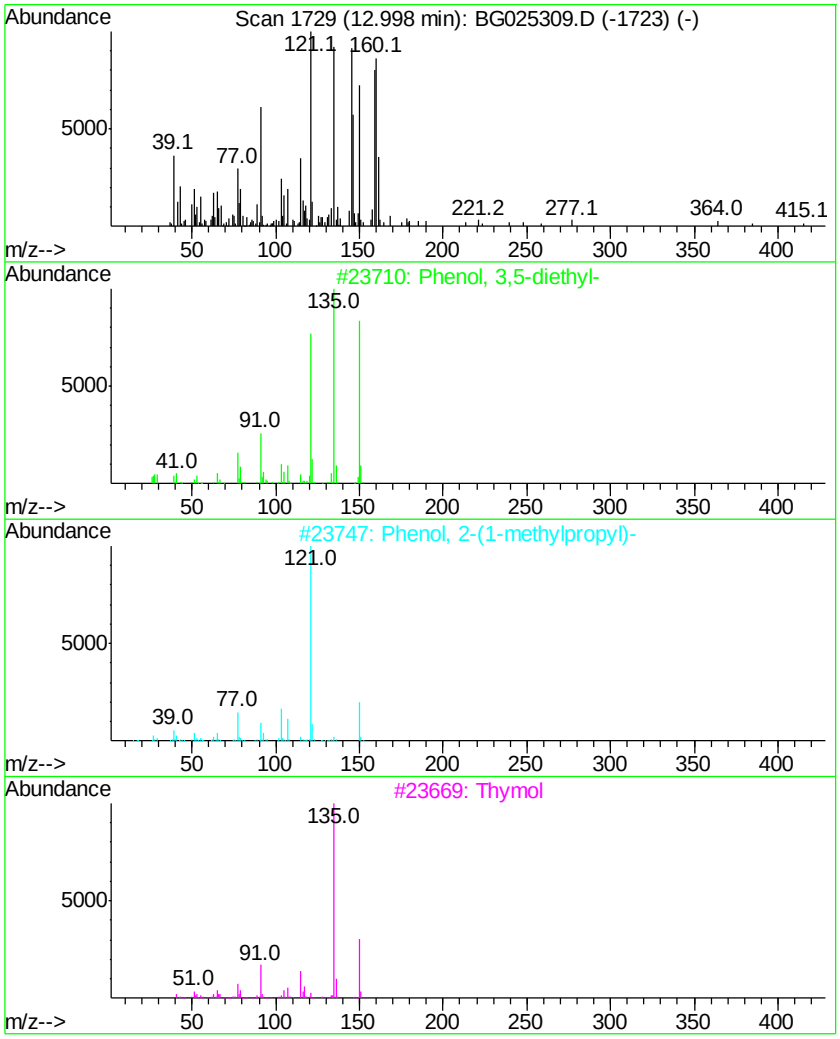
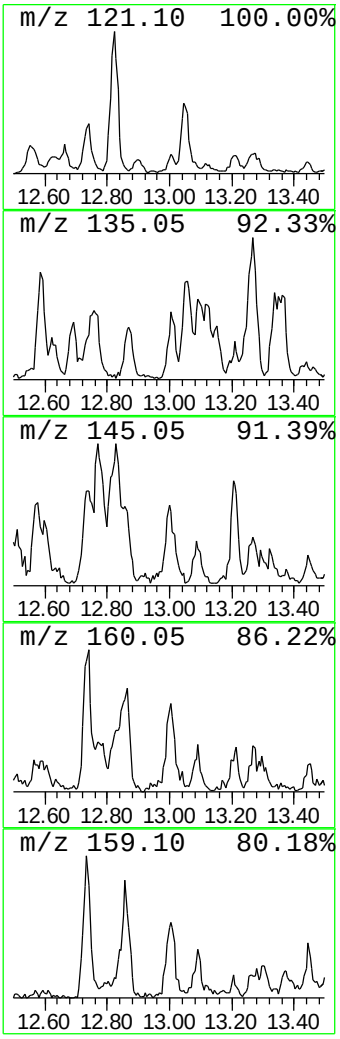
Peak Number 25 Phenol, 3,5-diethyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	3.61 ng/ul	284190	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-diethyl-	150	C10H14O	001197-34-8	55
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	35
3	Thymol	150	C10H14O	000089-83-8	35
4	Hydrazinecarboxaldehyde, 2-(4-me...	150	C8H10N2O	038577-24-1	35
5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	35





Library Search Compound Report

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Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

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

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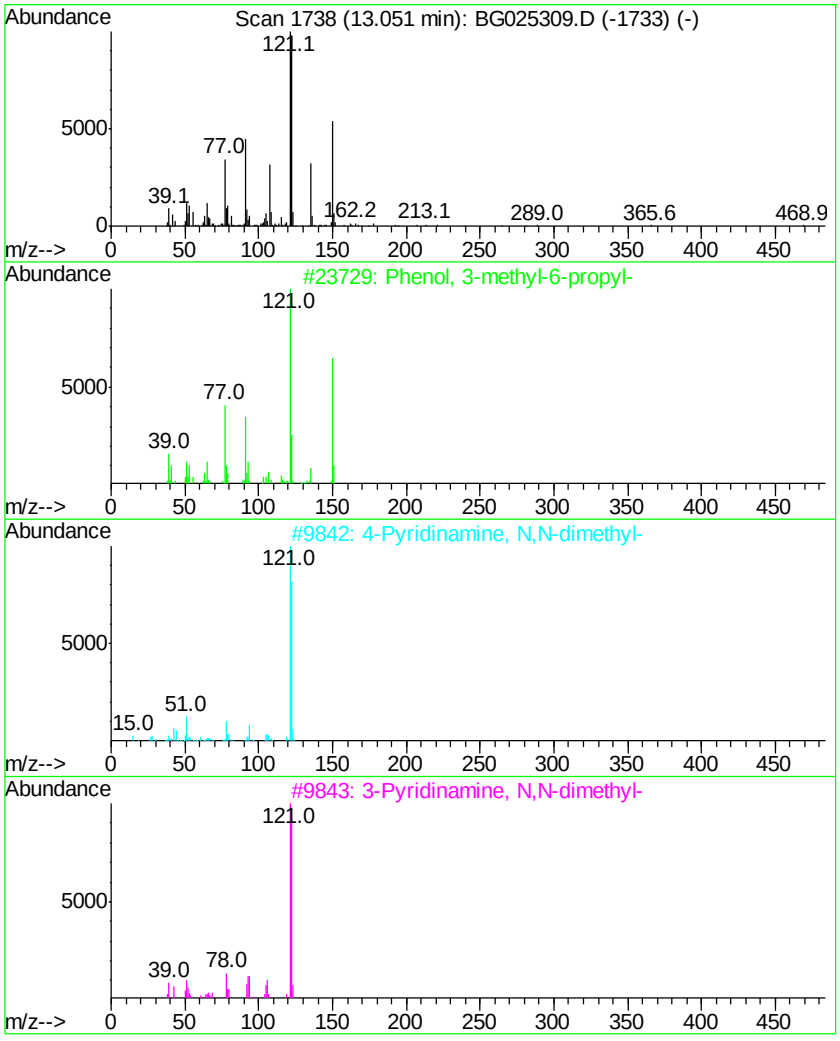
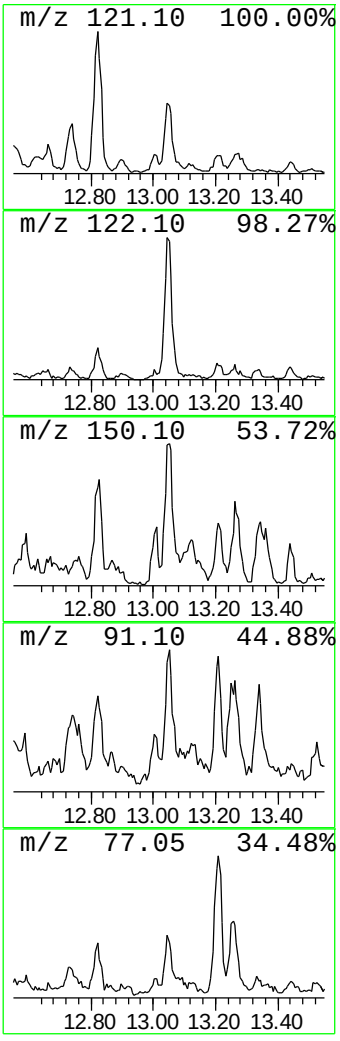
Peak Number 26 Phenol, 3-methyl-6-propyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	6.06 ng/ul	477779	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	53
2	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	49
3	3-Pyridinamine, N,N-dimethyl-	122	C7H10N2	018437-57-5	49
4	Pyrazine, 2-ethyl-5-methyl-	122	C7H10N2	013360-64-0	49
5	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	47





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Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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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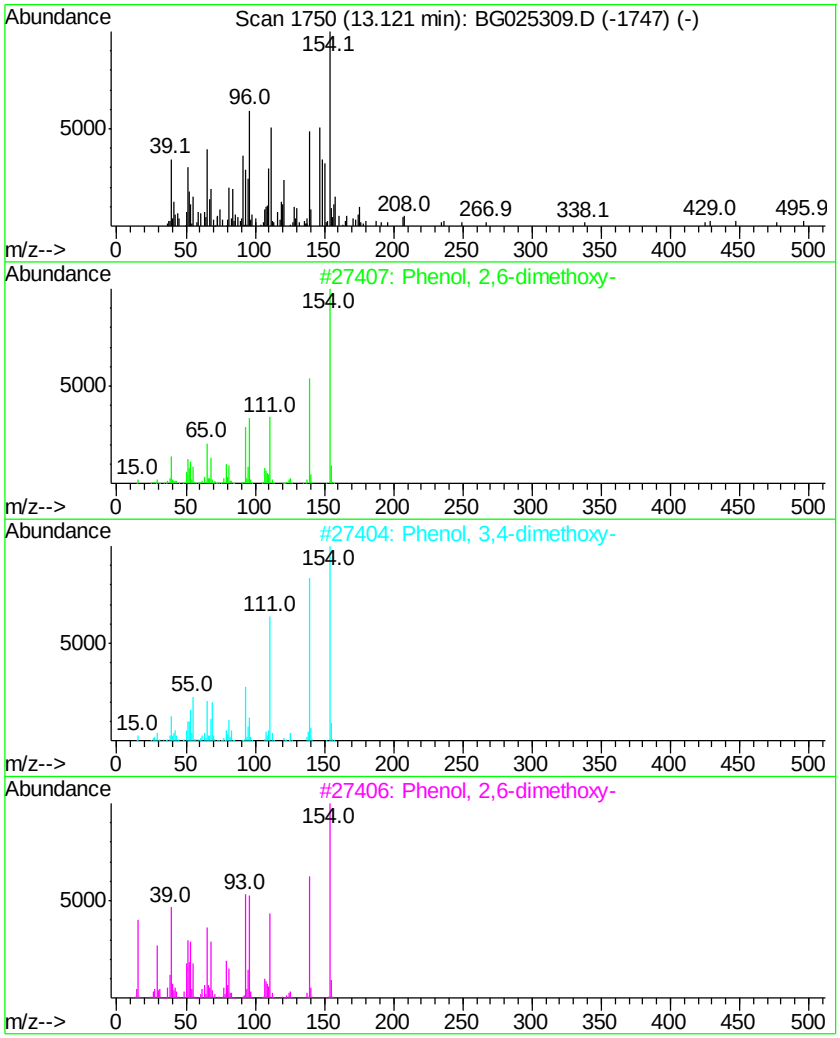
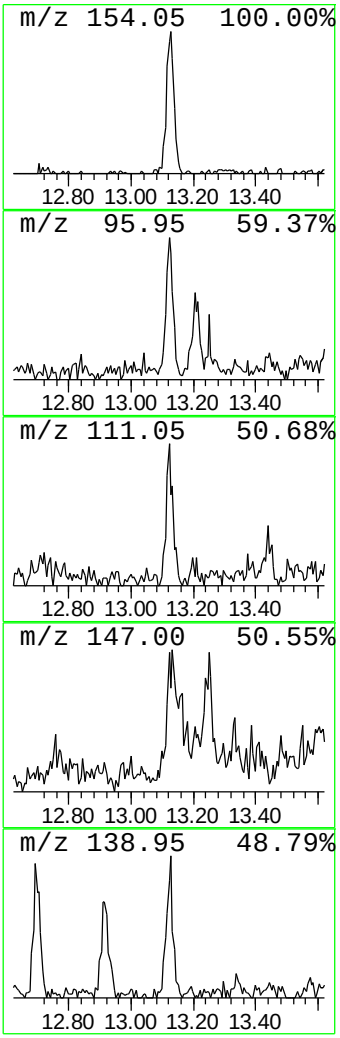
Peak Number 27 Phenol, 2,6-dimethoxy- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.61 ng/ul	284620	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	76
2	Phenol, 3,4-dimethoxy-	154	C8H10O3	002033-89-8	58
3	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	42
4	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	38
5	Thiazolo[2,3-c][1,2,4]triazole, ...	247	C12H13N3OS	1000310-86-4	32





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Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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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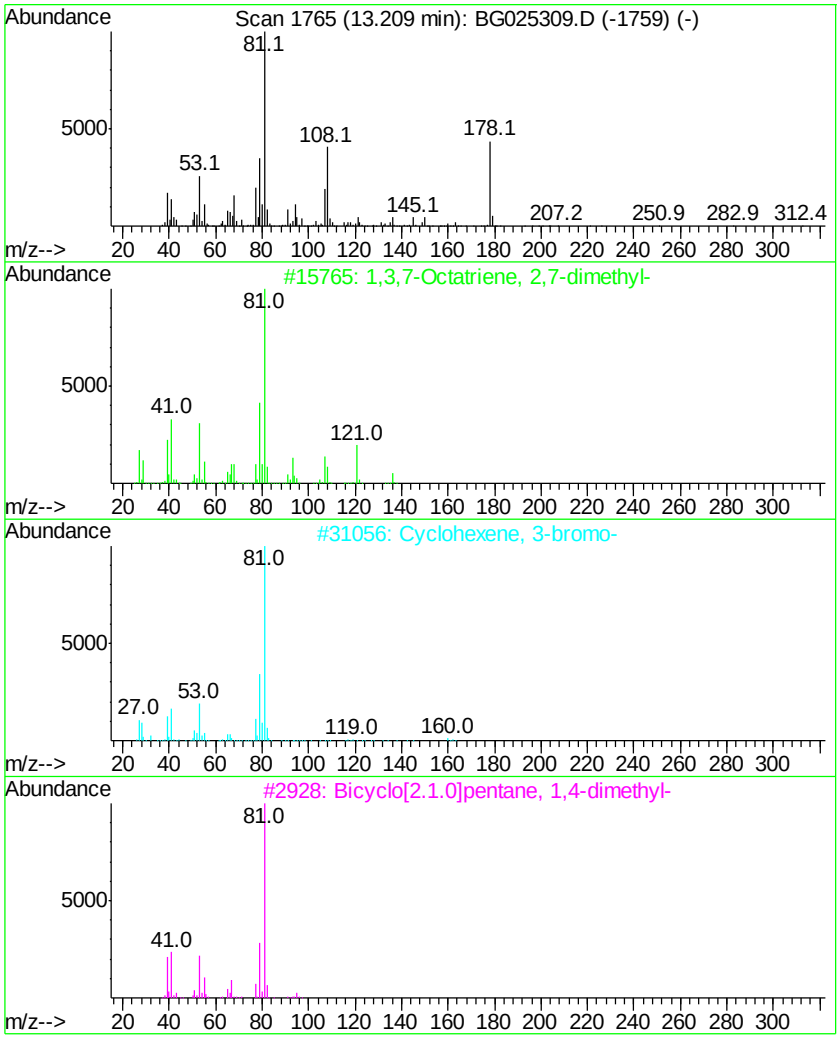
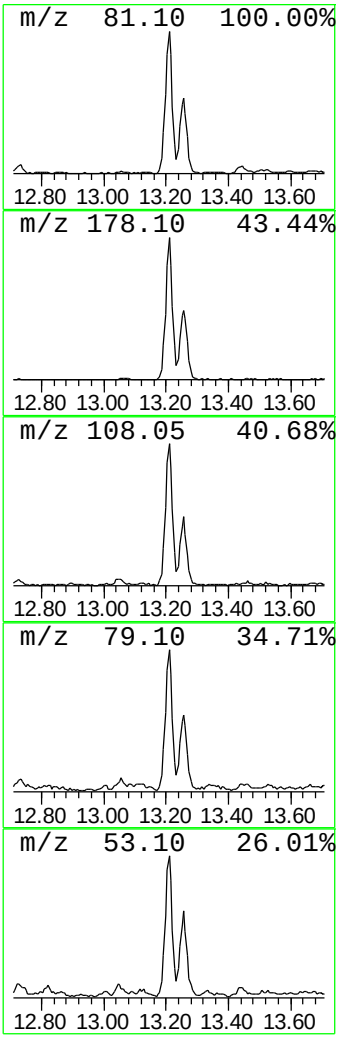
Peak Number 28 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	30.07 ng/ul	2369180	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,7-Octatriene, 2,7-dimethyl-	136	C10H16	036638-38-7	46
2	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	43
3	Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	38
4	Cyclopropane, 1-chloro-2-(1-prop...	116	C6H9Cl	074752-94-6	38
5	3-Cyclohexene-1-acetic acid, .al...	168	C9H12O3	077846-83-4	38





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Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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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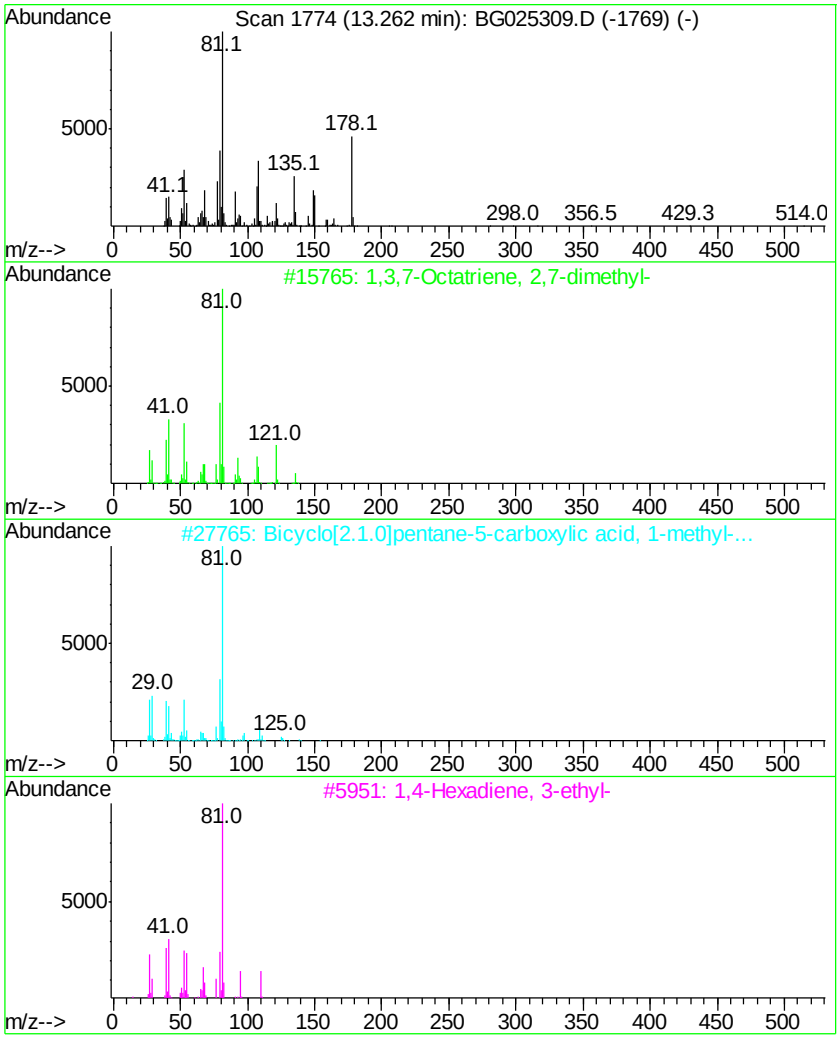
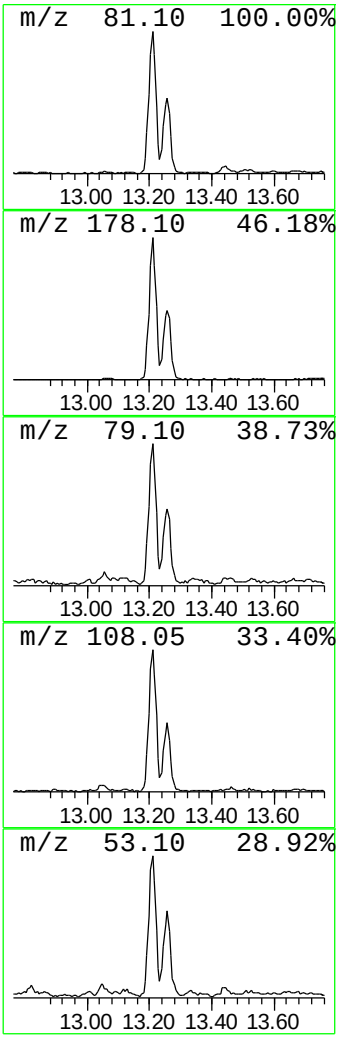
Peak Number 29 1,3,7-Octatriene, 2,7-dimet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	18.97 ng/ul	1494590	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,7-Octatriene, 2,7-dimethyl-	136	C10H16	036638-38-7	52
2	Bicyclo[2.1.0]pentane-5-carboxyl...	154	C9H14O2	074810-55-2	43
3	1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	43
4	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	43
5	Cyclopropane, 1-chloro-2-ethenyl...	116	C6H9Cl	062337-93-3	43





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Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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Quant Title : SVOA CALIBRATION

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

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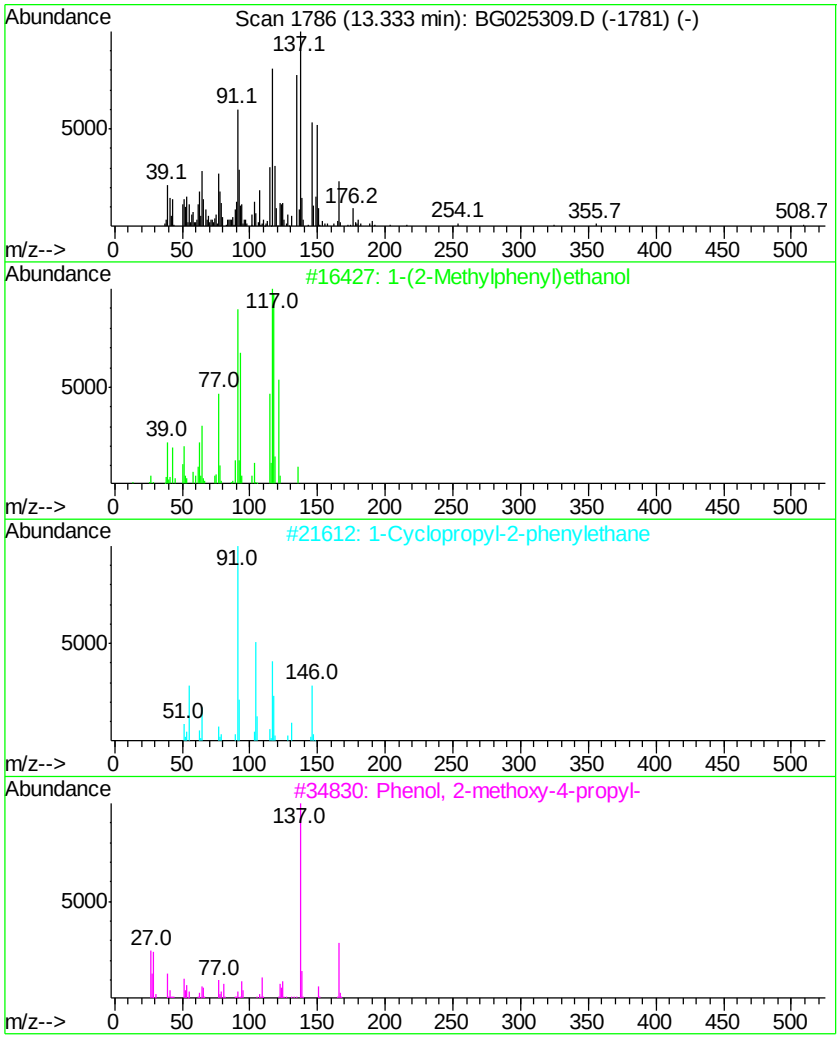
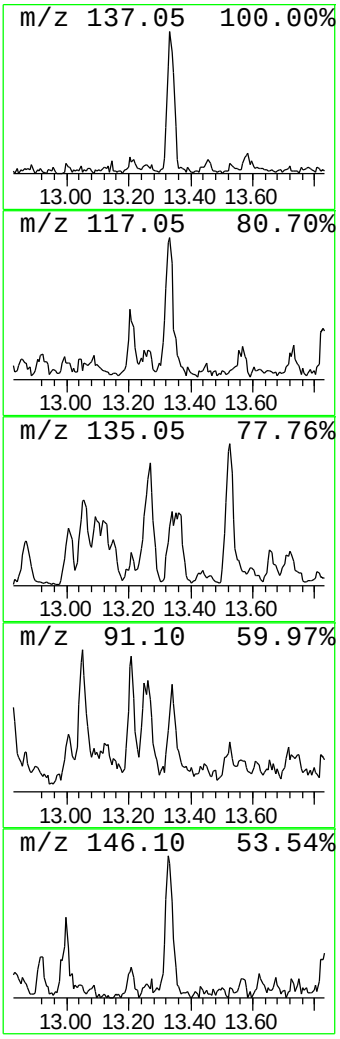
Peak Number 30 unknown-02 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	7.23 ng/ul	569782	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Methylphenyl)ethanol	136	C9H12O	007287-82-3	35
2	1-Cyclopropyl-2-phenylethane	146	C11H14	037904-33-9	30
3	Phenol, 2-methoxy-4-propyl-	166	C10H14O2	002785-87-7	25
4	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	20
5	7-Methylindan-1-one	146	C10H10O	039627-61-7	20





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Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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Quant Title : SVOA CALIBRATION

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

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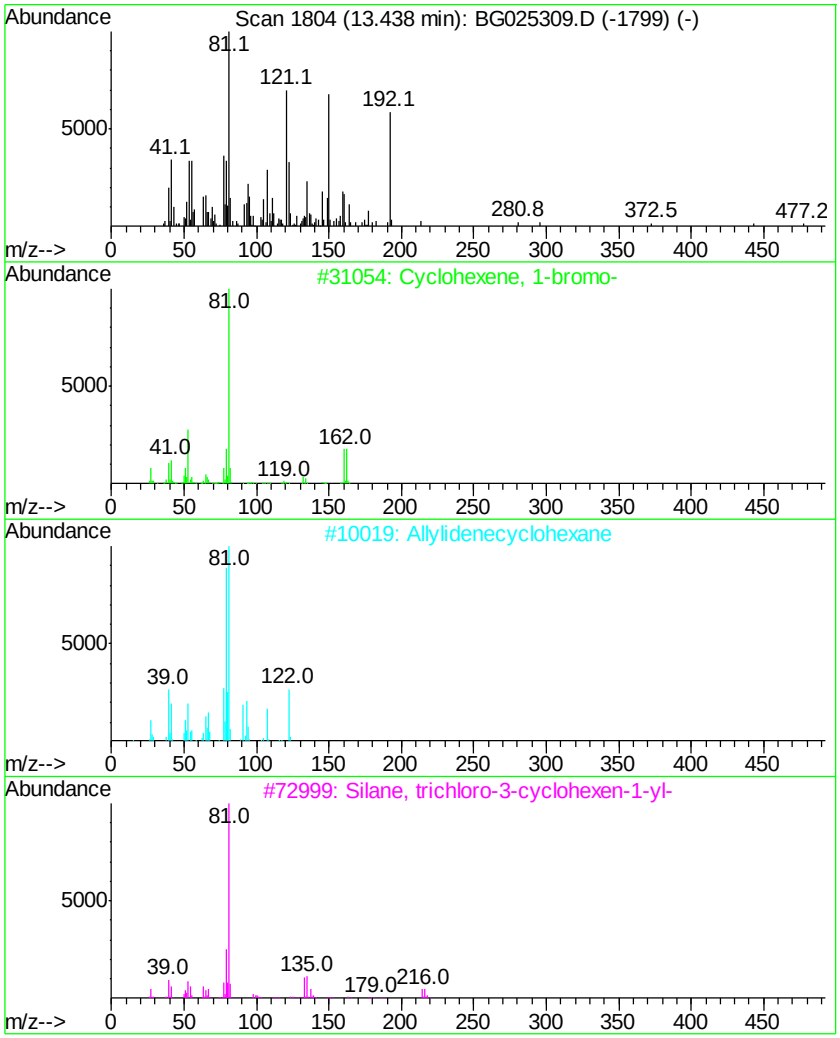
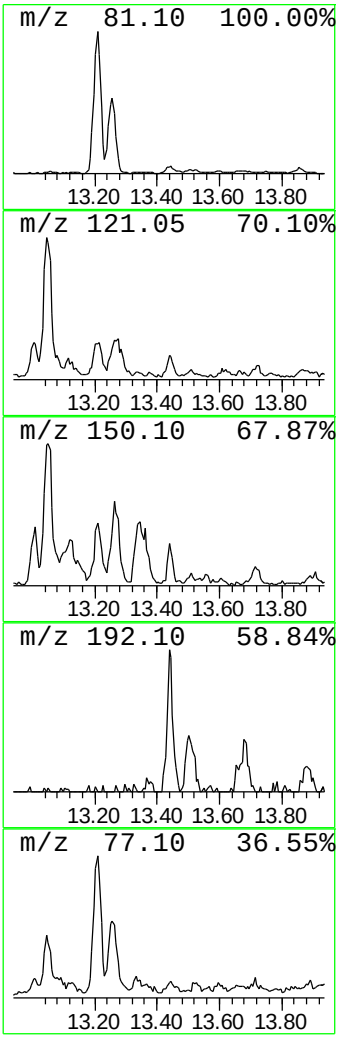
Peak Number 31 unknown-03 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	3.30 ng/ul	260309	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-bromo-	160	C6H9Br	002044-08-8	25
2	Allylidenecyclohexane	122	C9H14	005664-10-8	22
3	Silane, trichloro-3-cyclohexen-1...	214	C6H9Cl3Si	010137-69-6	15
4	3-Cyclohexene-1-acetic acid, .al...	168	C9H12O3	077846-83-4	14
5	Isomyocorene	136	C10H16	006876-07-9	14





Library Search Compound Report

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Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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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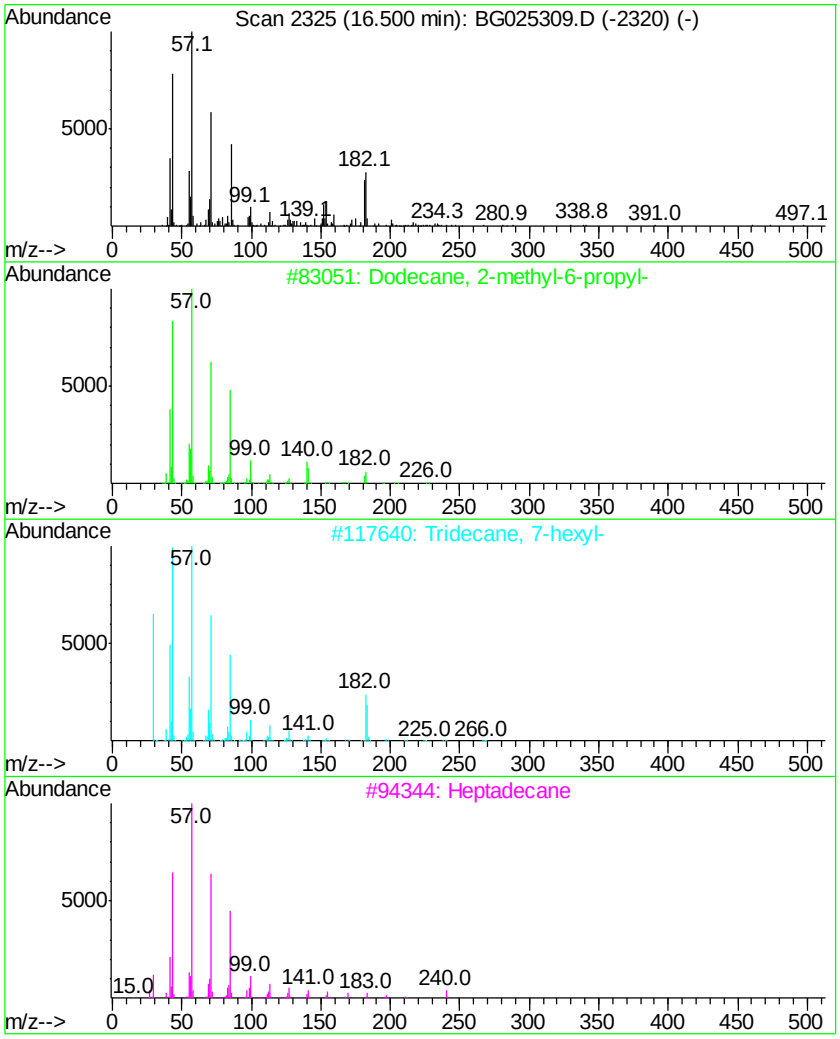
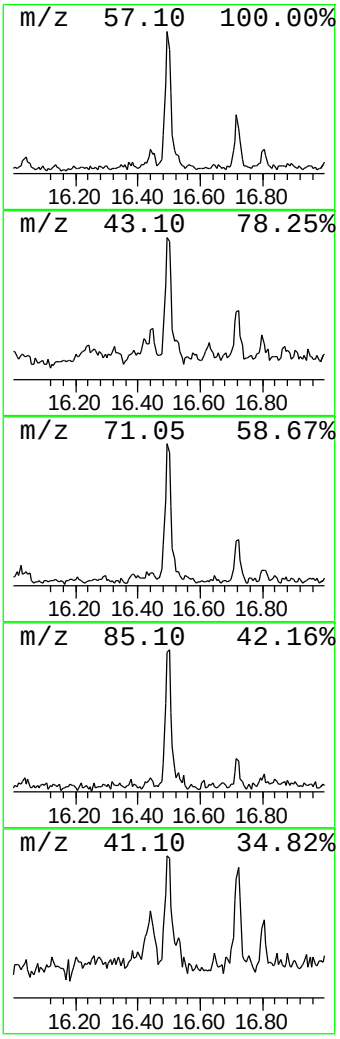
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	7.01 ng/ul	519250	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	68
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	64
3	Heptadecane	240	C17H36	000629-78-7	64
4	Tetradecane	198	C14H30	000629-59-4	52
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

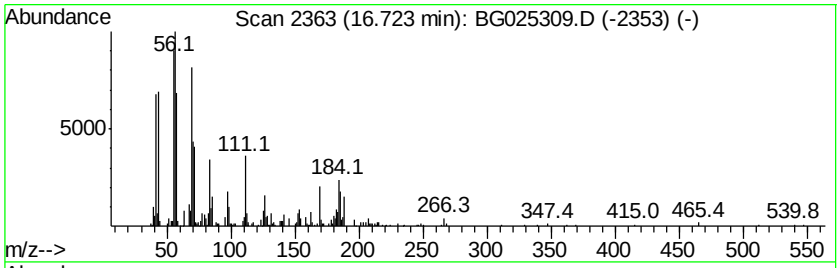
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

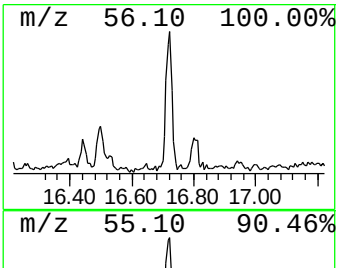
****

Peak Number 45 (DEL) Alkane: Cyclic16.72 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	6.29 ng/ul	465958	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecene, (Z)-	168	C12H24	007206-26-0	72
2	2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	60
3	2-Undecene, 8-methyl-, (Z)-	168	C12H24	074630-44-7	58
4	5-Dodecene, (E)-	168	C12H24	007206-16-8	52
5	Cyclopropane, 1-butyl-2-pentyl-,...	168	C12H24	074663-87-9	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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

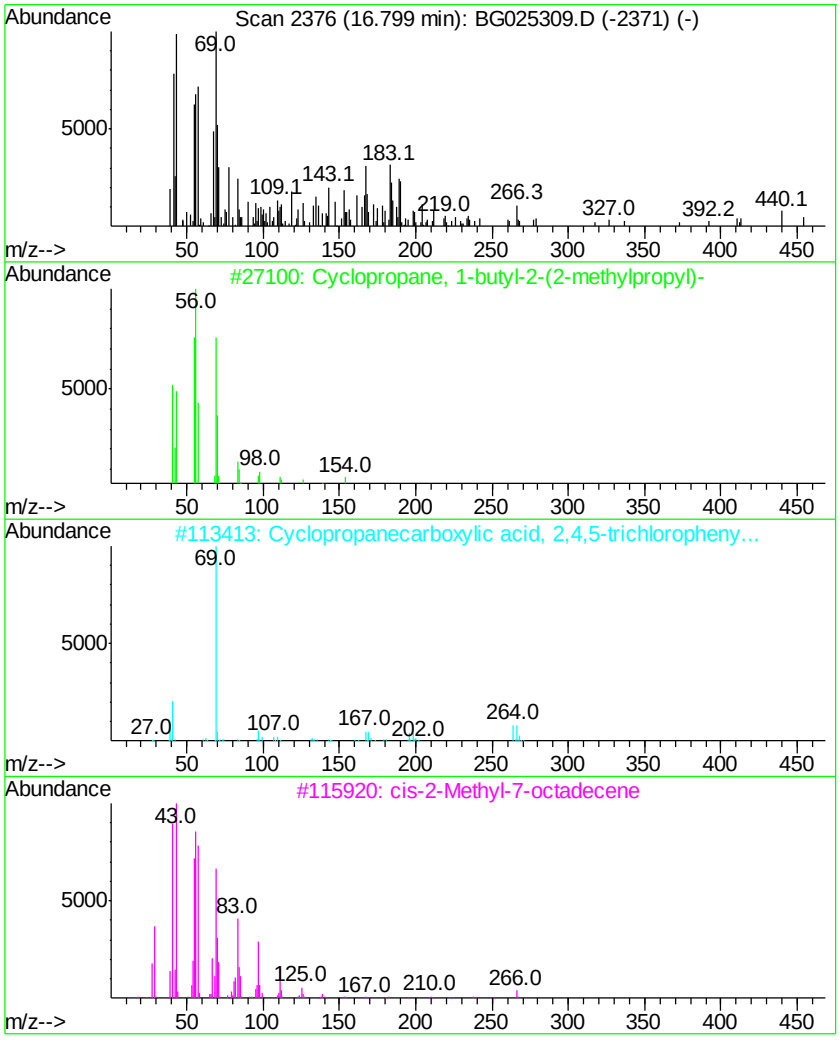
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

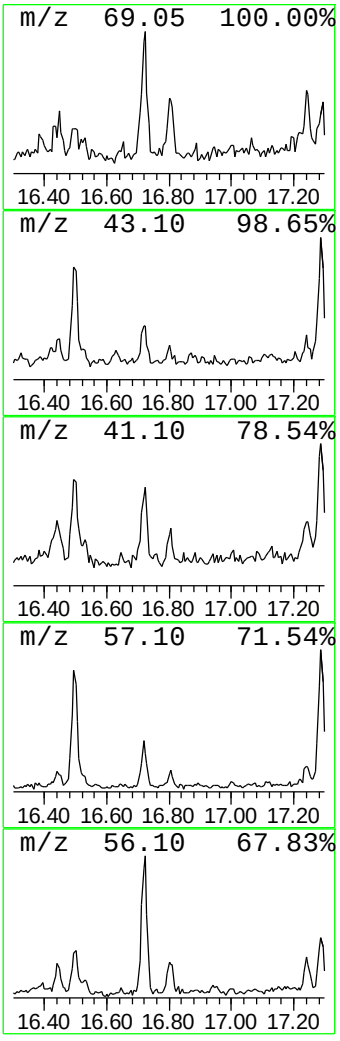
****

Peak Number 46 (DEL) Alkane: Cyclic16.80 Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.45 ng/ul	181144	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-butyl-2-(2-methy...	154	C11H22	041977-35-9	42
2	Cyclopropanecarboxylic acid, 2,4...	264	C10H7Cl3O2	1000354-66-4	38
3	cis-2-Methyl-7-octadecene	266	C19H38	035354-39-3	35
4	3,7,11,15-Tetramethylhexadeca-1,...	290	C20H34O	068931-30-6	35
5	5-Dodecene, (Z)-	168	C12H24	007206-28-2	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

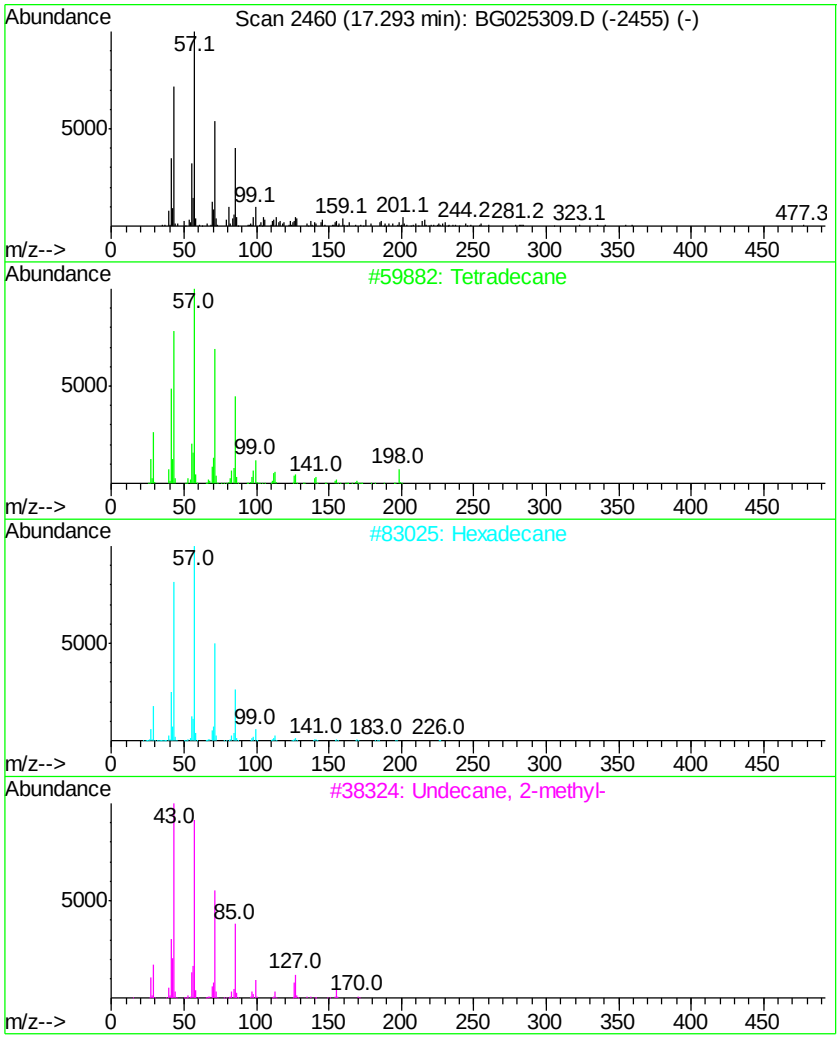
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

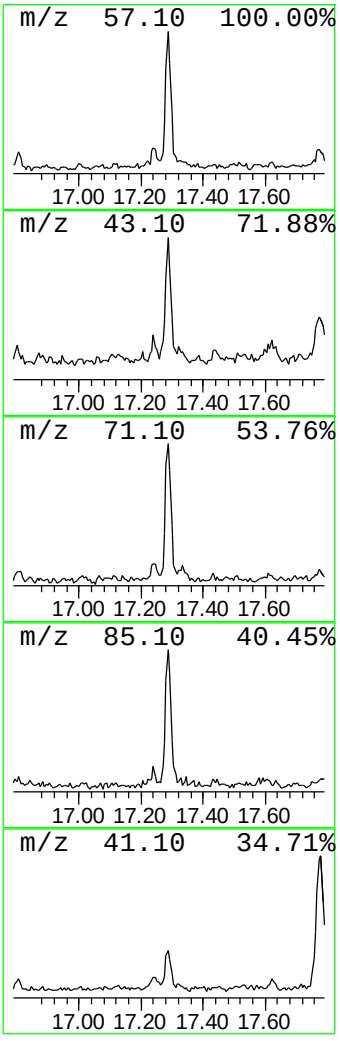
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	3.93 ng/ul	290858	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Hexadecane	226	C16H34	000544-76-3	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

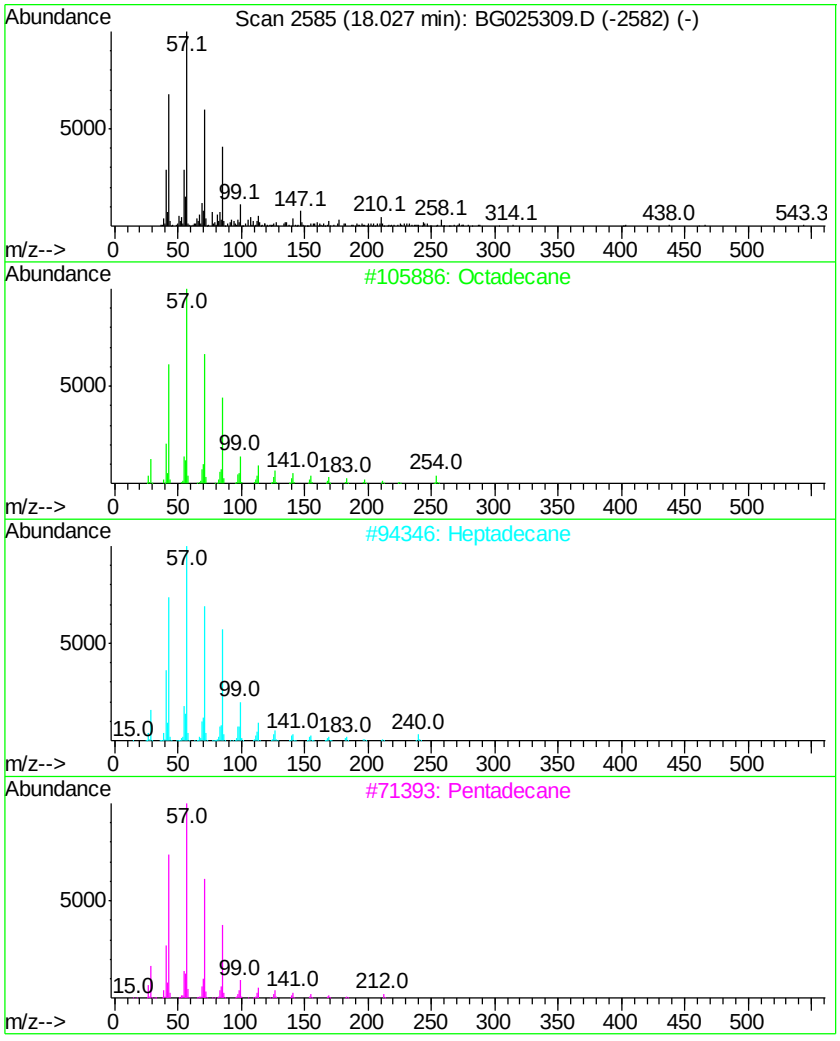
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

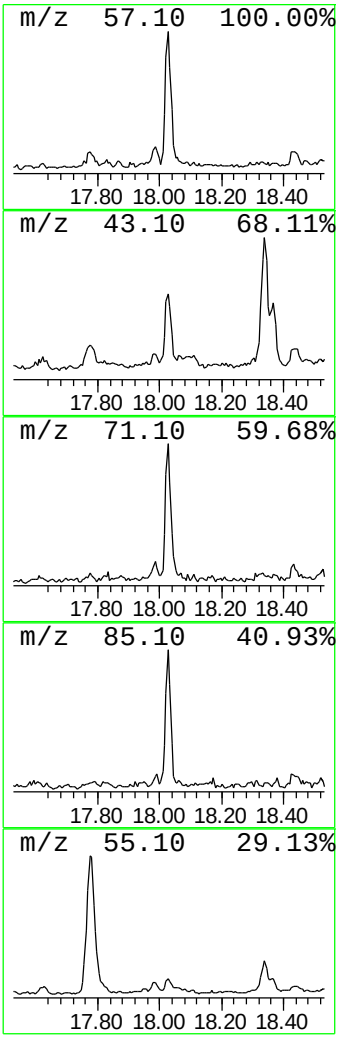
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	6.85 ng/ul	507270	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Pentadecane	212	C15H32	000629-62-9	83
4	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	83
5	Heptadecane	240	C17H36	000629-78-7	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

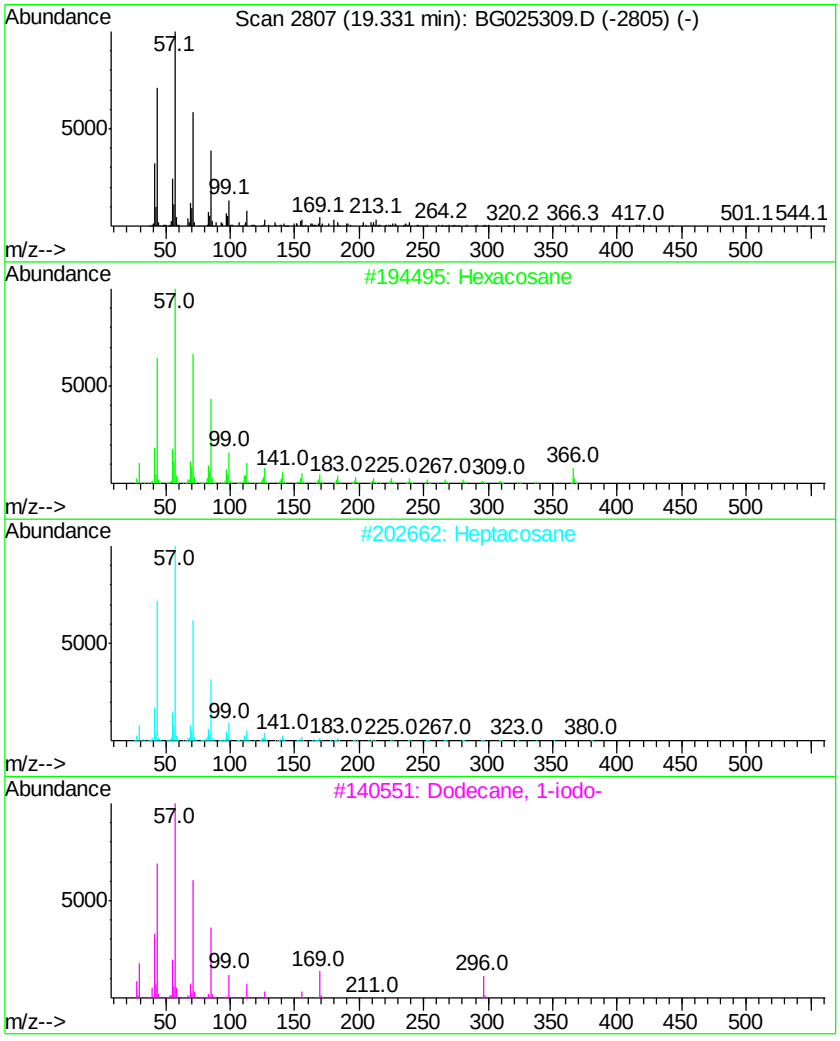
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

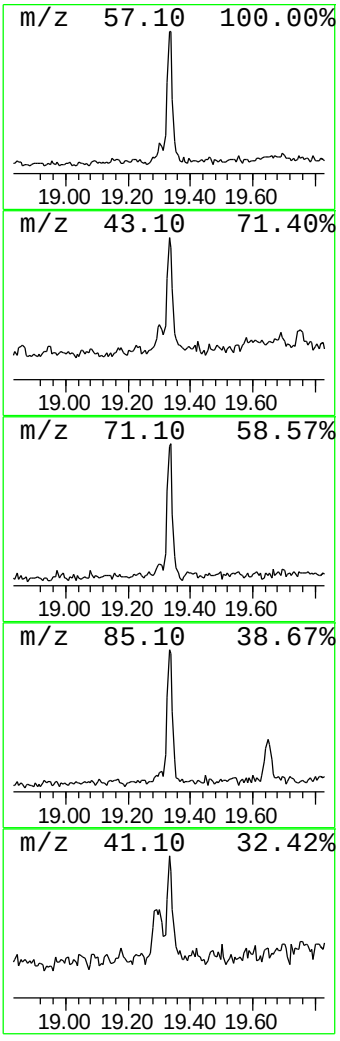
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	4.51 ng/ul	334275	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Heptacosane	380	C27H56	000593-49-7	83
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

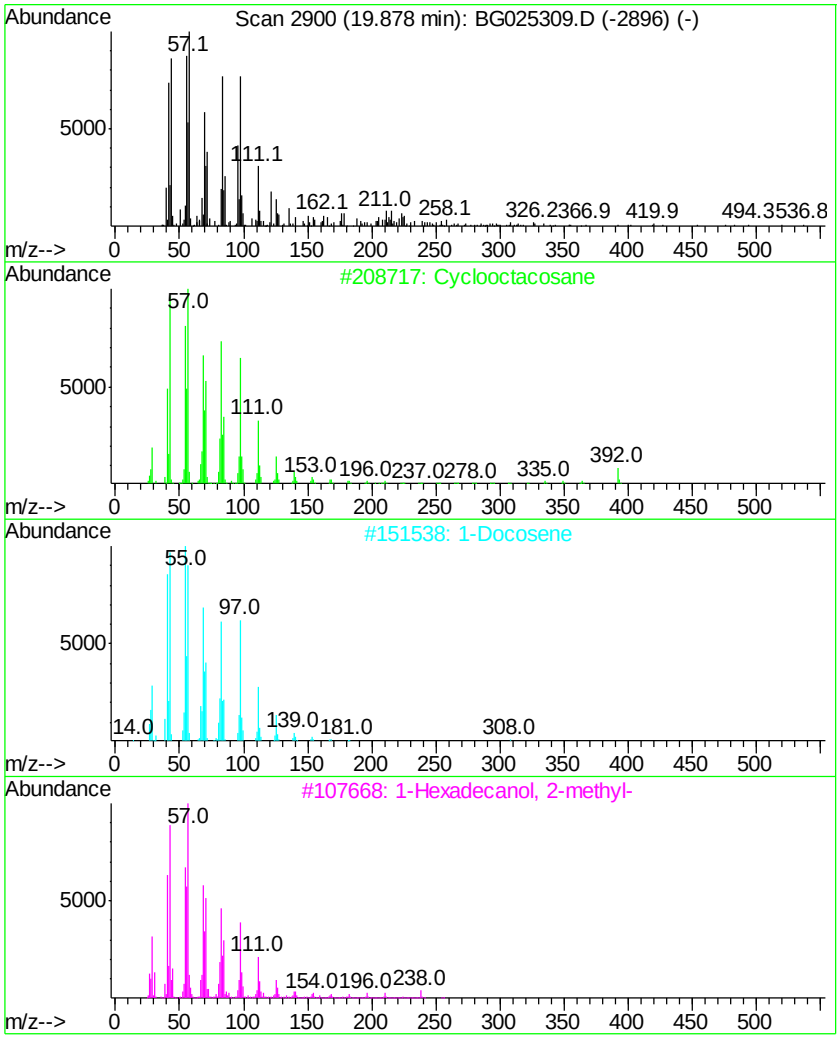
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

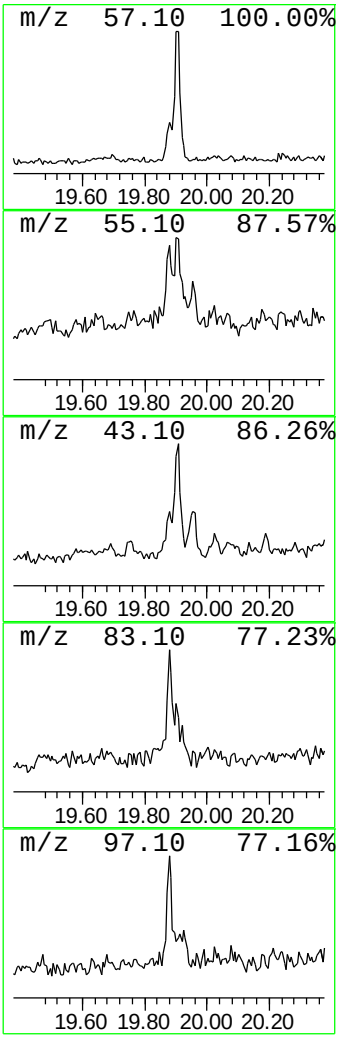
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Cyclic19.88 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	3.33 ng/ul	285548	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	96
2	1-Docosene	308	C22H44	001599-67-3	95
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	94
4	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	93
5	Cetene	224	C16H32	000629-73-2	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

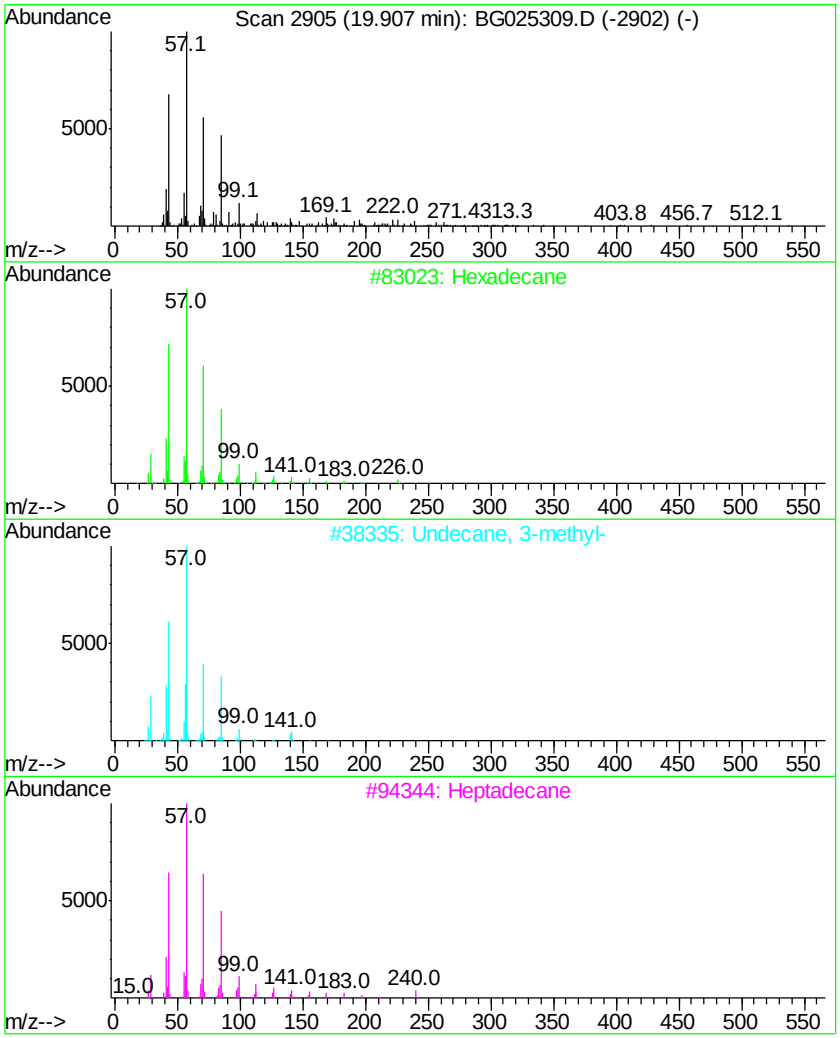
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

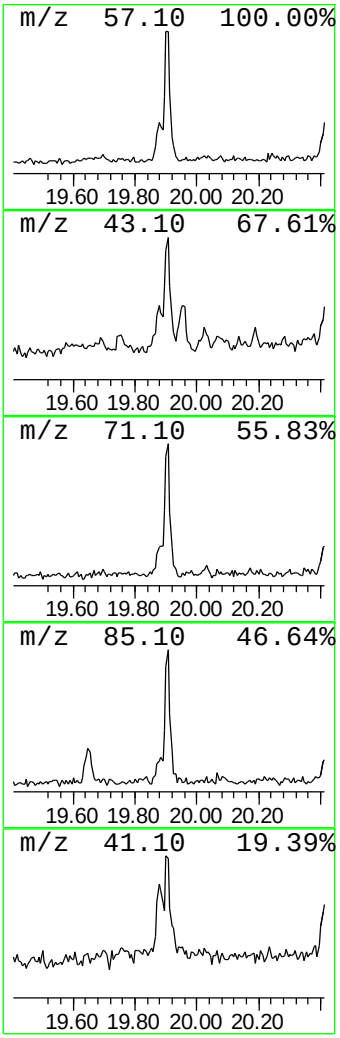
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	5.55 ng/ul	474871	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
3	Heptadecane	240	C17H36	000629-78-7	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

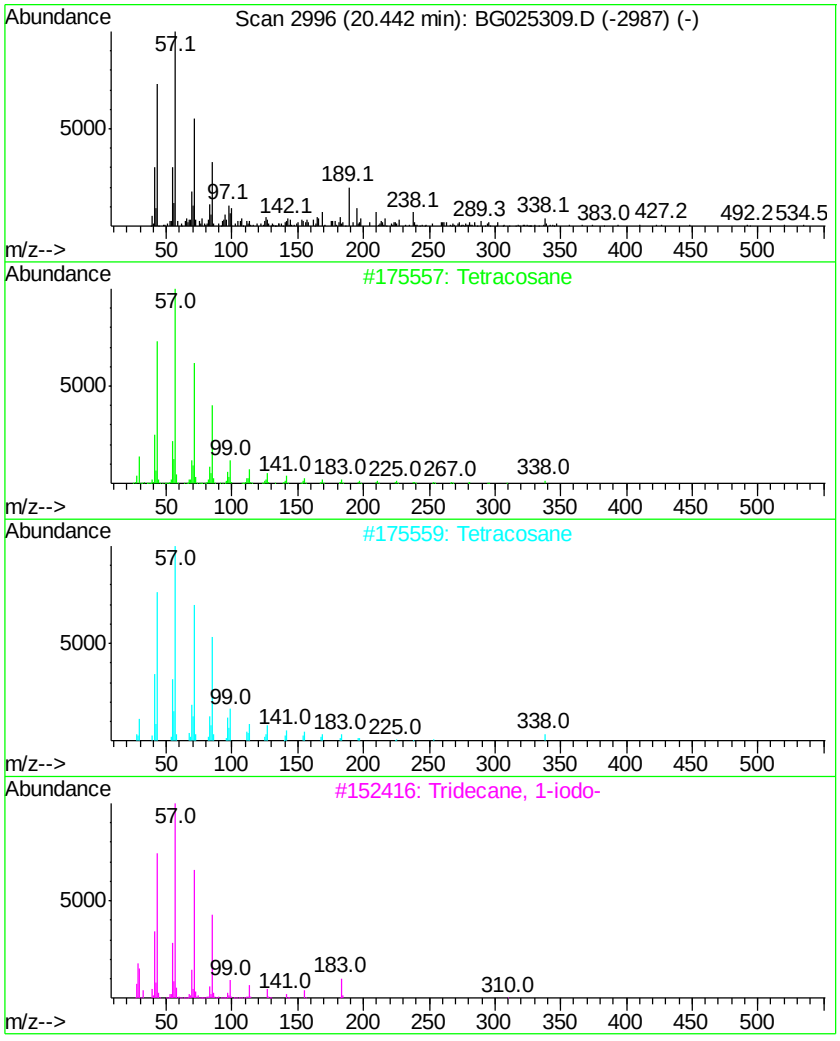
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

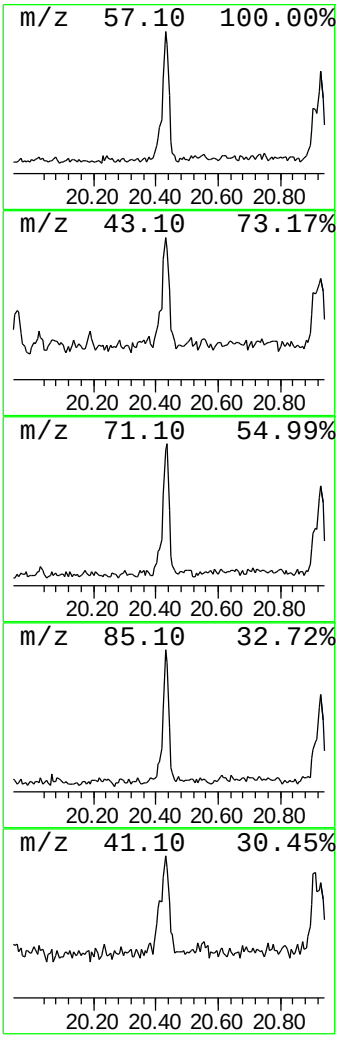
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	11.02 ng/ul	943684	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Tetracosane	338	C24H50	000646-31-1	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	81
4	Tetradecane	198	C14H30	000629-59-4	81
5	Tetradecane	198	C14H30	000629-59-4	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA864DL

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
Mequinol	8.88	5.9	ng/ul	181014	1	8.23	611511	20.0
Phenol, 2,6-dimet...	9.67	28.7	ng/ul	1035670	2	11.06	721992	20.0
Benzofuran, 2-met...	9.78	5.1	ng/ul	184813	2	11.06	721992	20.0
Phenol, 2-ethyl-	10.01	6.3	ng/ul	226556	2	11.06	721992	20.0
Phenol, 3,5-dimet...	10.53	44.8	ng/ul	1615650	2	11.06	721992	20.0
Phenol, 2,4,5-tri...	10.87	13.0	ng/ul	468699	2	11.06	721992	20.0
Phenol, 3,4-dimet...	10.92	12.9	ng/ul	467057	2	11.06	721992	20.0
Phenol, 2,4,6-tri...	11.19	27.3	ng/ul	985060	2	11.06	721992	20.0
Phenol, 2-propyl-	11.32	10.1	ng/ul	365243	2	11.06	721992	20.0
Phenol, 2-ethyl-6...	11.41	15.8	ng/ul	570553	2	11.06	721992	20.0
1H-Indazole, 5,7-...	11.46	5.8	ng/ul	207529	2	11.06	721992	20.0
Phenol, 2-ethyl-5...	11.49	8.8	ng/ul	319593	2	11.06	721992	20.0
Phenol, 2,3,6-tri...	11.64	17.6	ng/ul	636460	2	11.06	721992	20.0
Phenol, 2-ethyl-4...	11.88	43.8	ng/ul	1580450	2	11.06	721992	20.0
Benzene, 1,4-dime...	12.20	6.7	ng/ul	242586	2	11.06	721992	20.0
Benzene, 2-methox...	12.23	6.2	ng/ul	222913	2	11.06	721992	20.0
Phenol, m-tert-bu...	12.43	14.3	ng/ul	514310	2	11.06	721992	20.0
4-Hydroxy-2-methy...	12.59	12.2	ng/ul	440096	2	11.06	721992	20.0
Phenol, 4-(1-meth...	12.82	10.8	ng/ul	391237	2	11.06	721992	20.0
Naphthalene, 1-me...	12.92	8.7	ng/ul	312323	2	11.06	721992	20.0
Phenol, 3,5-diethyl-	13.00	3.6	ng/ul	284190	3	14.85	1575780	20.0
Phenol, 3-methyl-...	13.05	6.1	ng/ul	477779	3	14.85	1575780	20.0
Phenol, 2,6-dimet...	13.12	3.6	ng/ul	284620	3	14.85	1575780	20.0
unknown-01	13.21	30.1	ng/ul	2369180	3	14.85	1575780	20.0
1,3,7-Octatriene,...	13.26	19.0	ng/ul	1494590	3	14.85	1575780	20.0
unknown-02	13.33	7.2	ng/ul	569782	3	14.85	1575780	20.0
unknown-03	13.44	3.3	ng/ul	260309	3	14.85	1575780	20.0
(DEL) Alkane: Str...	16.50	7.0	ng/ul	519250	4	17.60	1481700	20.0
(DEL) Alkane: Cyc...	16.72	6.3	ng/ul	465958	4	17.60	1481700	20.0
(DEL) Alkane: Cyc...	16.80	2.5	ng/ul	181144	4	17.60	1481700	20.0
(DEL) Alkane: Str...	17.29	3.9	ng/ul	290858	4	17.60	1481700	20.0
(DEL) Alkane: Str...	18.03	6.8	ng/ul	507270	4	17.60	1481700	20.0
(DEL) Alkane: Str...	19.33	4.5	ng/ul	334275	4	17.60	1481700	20.0
(DEL) Alkane: Cyc...	19.88	3.3	ng/ul	285548	5	21.89	1712510	20.0
(DEL) Alkane: Str...	19.91	5.5	ng/ul	474871	5	21.89	1712510	20.0
(DEL) Alkane: Str...	20.44	11.0	ng/ul	943684	5	21.89	1712510	20.0