LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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	5.831	502	509	518	rBV4	24274	69852	2.60%	0.163%
2	7.341	762	766	772	rVB6	32511	62628	2.33%	0.146%
3	7.429	775	781	792	rVB5	55455	104560	3.89%	0.243%
4	7.600	804	810	820	rVB4	29469	56609	2.10%	0.132%
5	7.799	841	844	850	rVB2	39142	56609	2.10%	0.132%
6	7.858	850	854	861	rVB	78312	129026	4.80%	0.300%
7	8.158	900	905	911	rVV3	36109	60667	2.25%	0.141%
8	8.228	911	917	930	rVV	256888	491846	18.28%	1.144%
9	8.340	930	936	949	rVV5	52798	130921	4.87%	0.305%
10	8.510	957	965	974	rVB5	30763	113142	4.21%	0.263%
11	8.681	989	994	1003	rVV6	52770	128048	4.76%	0.298%
12	8.769	1003	1009	1016	rVB7	53506	120308	4.47%	0.280%
13	8.851	1016	1023	1035	rBV6	91464	227443	8.45%	0.529%
14	9.016	1044	1051	1069	rVB4	143987	389197	14.47%	0.905%
15	9.168	1072	1077	1081	rBV4	31138	63513	2.36%	0.148%
16	9.221	1083	1086	1092	rVB2	36836	55430	2.06%	0.129%
17	9.321	1092	1103	1112	rVV4	94861	253736	9.43%	0.590%
18	9.415	1112	1119	1126	rVB5	129479	233086	8.66%	0.542%
19	9.580	1131	1147	1155	rVB5	48377	200303	7.45%	0.466%
20	9.668	1155	1162	1166	rBV6	83255	180948	6.73%	0.421%
21	9.715	1166	1170	1176	rVV6	64989	136759	5.08%	0.318%
22	9.780	1176	1181	1187	rVV2	132792	253879	9.44%	0.591%
23	9.844	1187	1192	1199	rVV6	51267	115589	4.30%	0.269%
24	9.915	1199	1204	1208	rVV2	56328	110252	4.10%	0.256%
25	9.950	1208	1210	1216	rVV5	47317	75224	2.80%	0.175%
26	10.009	1216	1220	1225	rVB5	35231	59096	2.20%	0.137%
27	10.138	1234	1242	1250	rVB7	73643	204628	7.61%	0.476%
28	10.214	1250	1255	1272	rBV8	226183	788727	29.32%	1.835%
29	10.438	1285	1293	1297	rBV6	126903	326276	12.13%	0.759%
30	10.490	1297	1302	1305	rVV2	233131	469601	17.45%	1.092%
31	10.526	1305	1308	1317	rVB5	216979	359776	13.37%	0.837%
32	10.602	1320	1321	1329	rVB3	57370	73352	2.73%	0.171%
33	10.678	1329	1334	1339	rBV8	77322	149384	5.55%	0.348%
34	10.725	1339	1342	1349	rVB3	57899	92167	3.43%	0.214%

LSC Area Percent Report

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Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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

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

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

35	10.872	1360	1367	1370	rBV6	60778	129620	4.82%	0.302%
36	10.919	1371	1375	1379	rBV5	76002	133939	4.98%	0.312%
37	10.966	1380	1383	1388	rVB3	97373	145161	5.40%	0.338%
38	11.060	1393	1399	1404	rBV	326967	587376	21.83%	1.366%
39	11.107	1404	1407	1411	rVB2	110812	155595	5.78%	0.362%
40	11.154	1411	1415	1419	rBV	173759	247906	9.21%	0.577%
41	11.290	1434	1438	1450	rVB6	89762	242631	9.02%	0.564%
42	11.413	1453	1459	1462	rBV5	128711	245189	9.11%	0.570%
43	11.460	1463	1467	1473	rVB	145993	237789	8.84%	0.553%
44	11.583	1483	1488	1493	rBV2	152232	262802	9.77%	0.611%
45	11.642	1494	1498	1504	rVV7	50891	119561	4.44%	0.278%
46	11.718	1506	1511	1521	rVB9	167706	434381	16.15%	1.011%
47	11.871	1522	1537	1542	rBV3	459306	1061545	39.46%	2.470%
48	12.012	1555	1561	1565	rBV3	271891	440042	16.36%	1.024%
49	12.065	1565	1570	1574	rBV5	155432	280630	10.43%	0.653%
50	12.118	1575	1579	1590	rVB7	106376	252672	9.39%	0.588%
51	12.230	1594	1598	1602	rVB7	65221	98887	3.68%	0.230%
52	12.406	1623	1628	1637	rBV4	169336	418416	15.55%	0.973%
53	12.547	1649	1652	1654	rBV4	55011	71125	2.64%	0.165%
54	12.694	1672	1677	1682	rBV	477411	846965	31.48%	1.970%
55	12.817	1694	1698	1709	rBV4	147230	395020	14.68%	0.919%
56	12.917	1710	1715	1721	rVB	331801	580909	21.59%	1.351%
57	13.046	1722	1737	1742	rBV9	238168	795578	29.57%	1.851%
58	13.205	1759	1764	1769	rBV7	158074	300025	11.15%	0.698%
59	13.287	1770	1778	1782	rVV7	146044	424076	15.76%	0.987%
60	13.340	1782	1787	1801	rVB2	494418	925551	34.40%	2.153%
61	13.446	1802	1805	1810	rVB6	86554	118325	4.40%	0.275%
62	13.634	1831	1837	1842	rBV2	223208	501465	18.64%	1.167%
63	13.881	1875	1879	1889	rVB2	190378	352042	13.09%	0.819%
64	14.033	1895	1905	1913	rBV7	500512	1469955	54.64%	3.420%
65	14.121	1916	1920	1923	rBV4	150310	204502	7.60%	0.476%
66	14.174	1923	1929	1934	rBV	619450	1335744	49.65%	3.107%
67	14.227	1934	1938	1941	rBV	384144	518611	19.28%	1.206%
68	14.280	1944	1947	1952	rVB3	581915	832597	30.95%	1.937%
69	14.409	1964	1969	1972	rBV3	240456	365975	13.60%	0.851%
70	14.574	1992	1997	2002	rVB5	291181	478280	17.78%	1.113%
71	14.662	2008	2012	2015	rBV4	130343	186681	6.94%	0.434%

LSC Area Percent Report

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Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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	14.768	2027	2030	2033	rBV4	114801	162597	6.04%	0.378%
73	14.809	2034	2037	2041	rVV5	179130	268471	9.98%	0.625%
74	14.856	2041	2045	2049	rVV	487182	687673	25.56%	1.600%
75	15.044	2072	2077	2086	rVB3	336915	783181	29.11%	1.822%
76	15.138	2087	2093	2098	rBV8	224547	556879	20.70%	1.296%
77	15.185	2099	2101	2104	rVB2	128937	145079	5.39%	0.338%
78	15.232	2105	2109	2117	rVV2	432469	749546	27.86%	1.744%
79	15.314	2118	2123	2131	rVB4	478315	907842	33.74%	2.112%
80	15.455	2142	2147	2153	rBV3	390659	818512	30.42%	1.904%
81	15.514	2153	2157	2166	rVB2	403053	828634	30.80%	1.928%
82	15.631	2168	2177	2181	rBV7	432196	1256645	46.71%	2.923%
83	15.878	2216	2219	2225	rBV4	265862	462971	17.21%	1.077%
84	16.043	2240	2247	2252	rBV	749153	1382510	51.39%	3.216%
85	16.090	2252	2255	2261	rVB6	160757	239700	8.91%	0.558%
86	16.272	2281	2286	2292	rBV6	182533	446820	16.61%	1.039%
87	16.519	2321	2328	2341	rVB3	1184308	2690398	100.00%	6.259%
88	16.895	2387	2392	2397	rVB8	367372	694211	25.80%	1.615%
89	16.953	2397	2402	2406	rBV2	317104	521902	19.40%	1.214%
90	17.288	2456	2459	2462	rVB2	172579	197082	7.33%	0.458%
91	17.335	2463	2467	2472	rVB	627125	919791	34.19%	2.140%
92	17.429	2480	2483	2490	rVB6	173020	294042	10.93%	0.684%
93	17.600	2507	2512	2516	rBV	666738	927493	34.47%	2.158%
94	18.023	2581	2584	2591	rVB4	228246	327722	12.18%	0.762%
95	18.434	2650	2654	2657	rBV3	214131	303221	11.27%	0.705%
96	18.704	2698	2700	2707	rVB3	248063	314545	11.69%	0.732%
97	19.803	2884	2887	2893	rBV	148660	307781	11.44%	0.716%
98	19.903	2902	2904	2910	rVB2	287277	305129	11.34%	0.710%
99	21.889	3237	3242	3250	rVB	827729	1427414	53.06%	3.321%
100	25.314	3817	3825	3839	rVB2	488637	1517494	56.40%	3.530%

Sum of corrected areas: 42985435

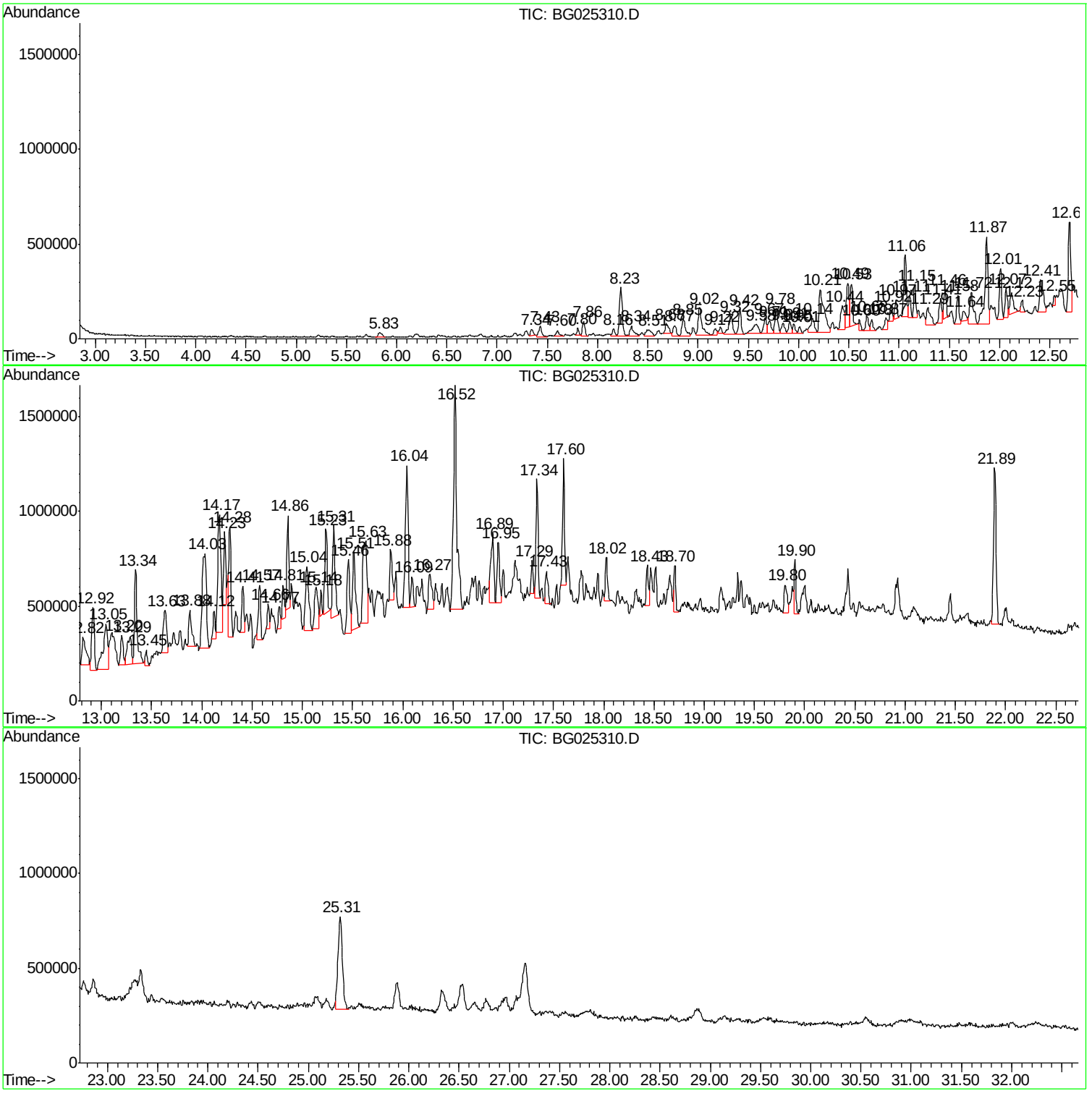
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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 : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

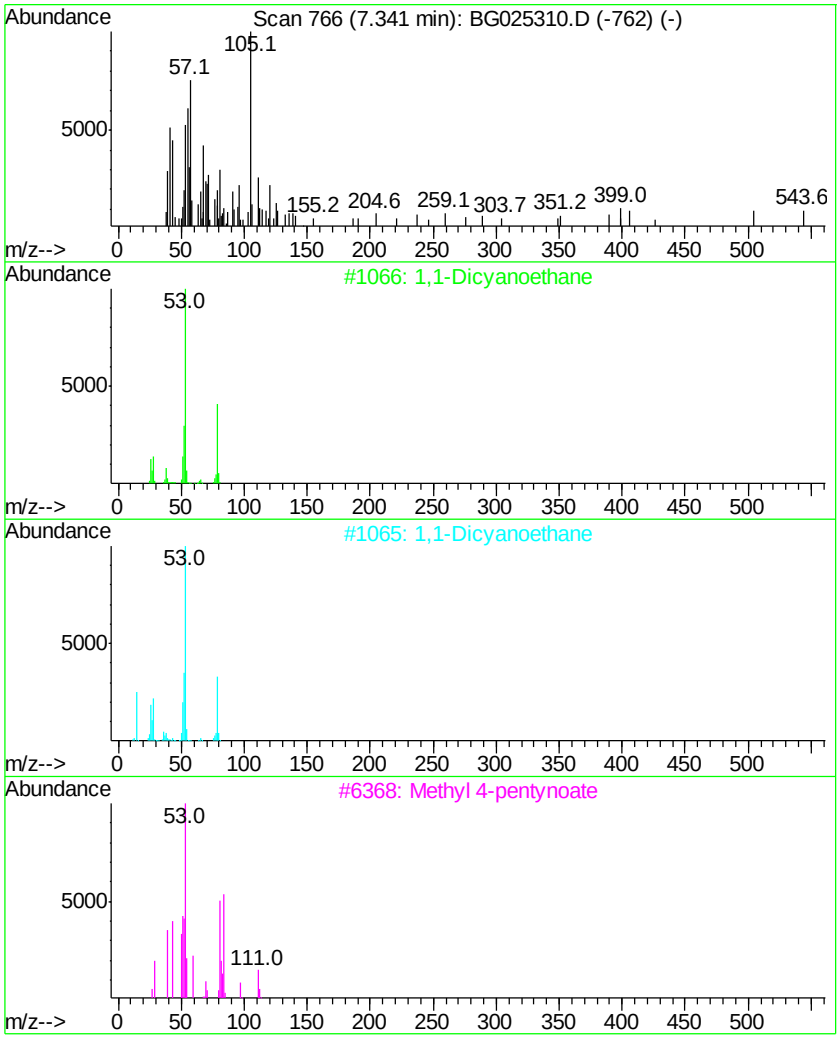
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

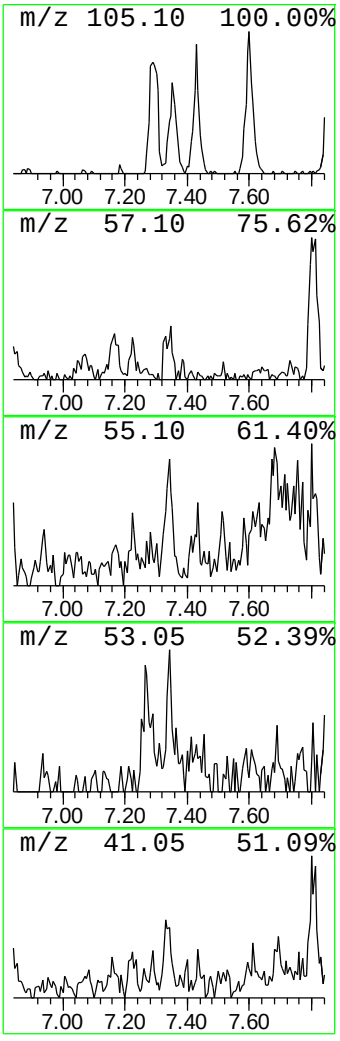
****

Peak Number 2 1,1-Dicyanoethane Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	2.55 ng/ul	62628	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dicyanoethane	80	C4H4N2	003696-36-4	59
2	1,1-Dicyanoethane	80	C4H4N2	003696-36-4	59
3	Methyl 4-pentynoate	112	C6H8O2	021565-82-2	45
4	5,9-Tetradecadiyne	190	C14H22	051255-61-9	45
5	Furazan-3-carbohydrazide, 4-amin...	251	C8H9N7O3	339338-86-2	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

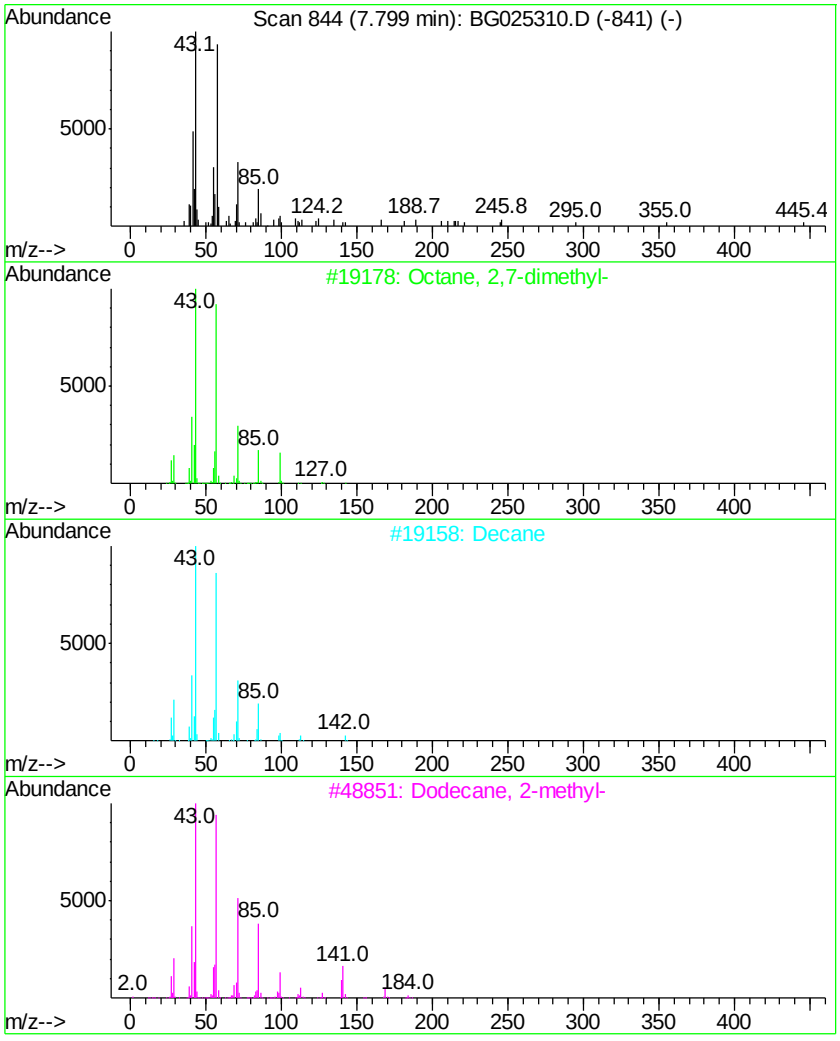
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

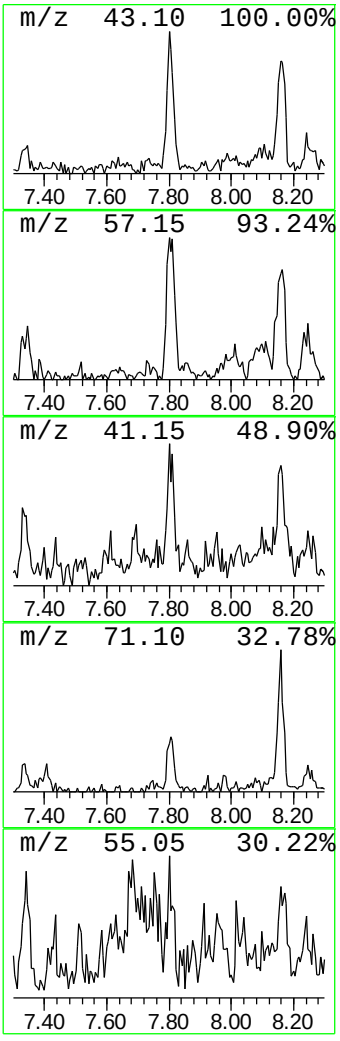
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	2.30 ng/ul	56609	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
2	Decane	142	C10H22	000124-18-5	64
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
4	Decane	142	C10H22	000124-18-5	64
5	Undecane	156	C11H24	001120-21-4	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
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Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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

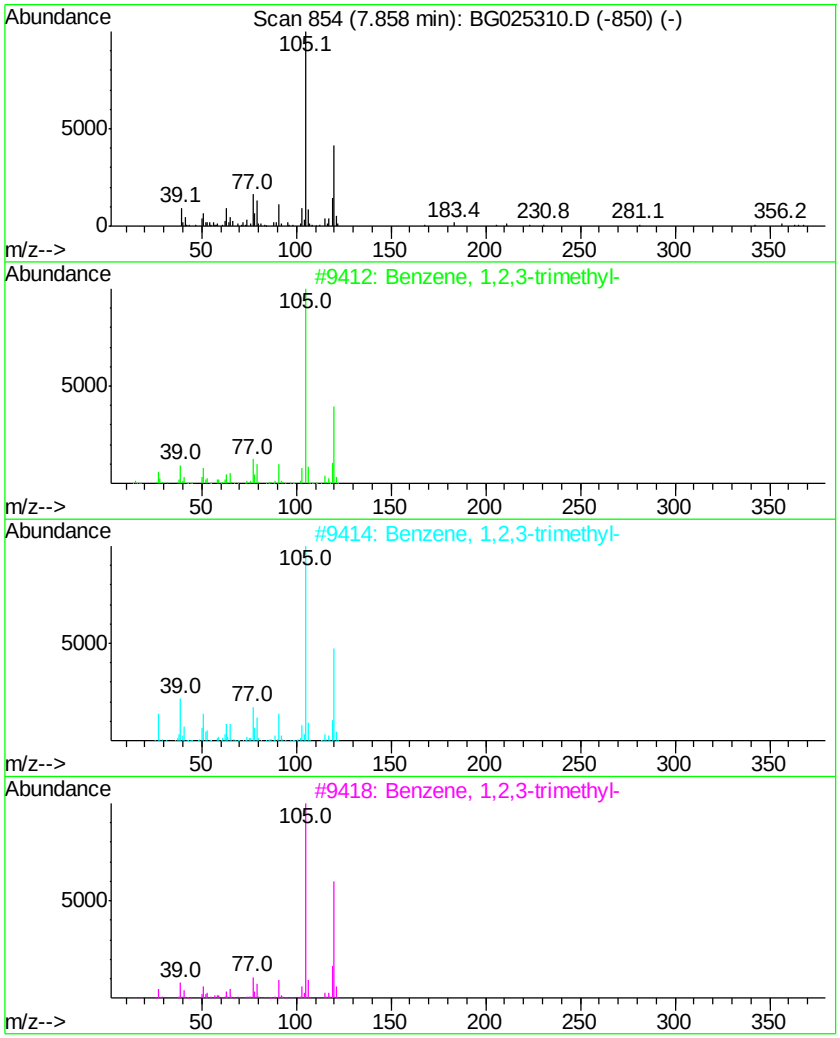
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

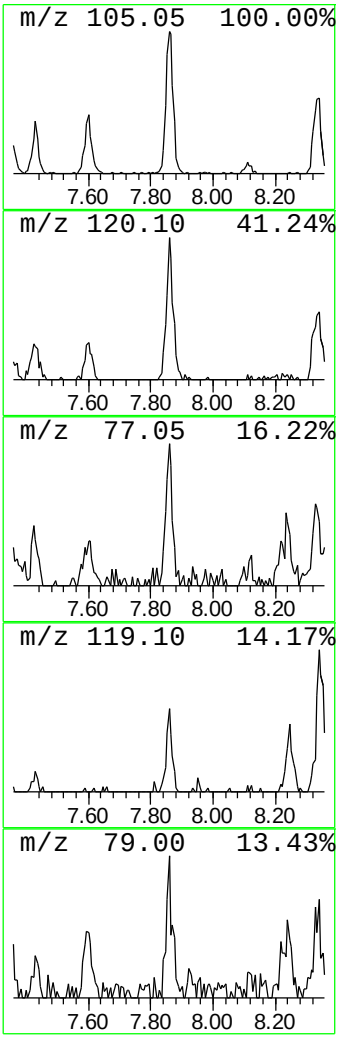
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	5.25 ng/ul	129026	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

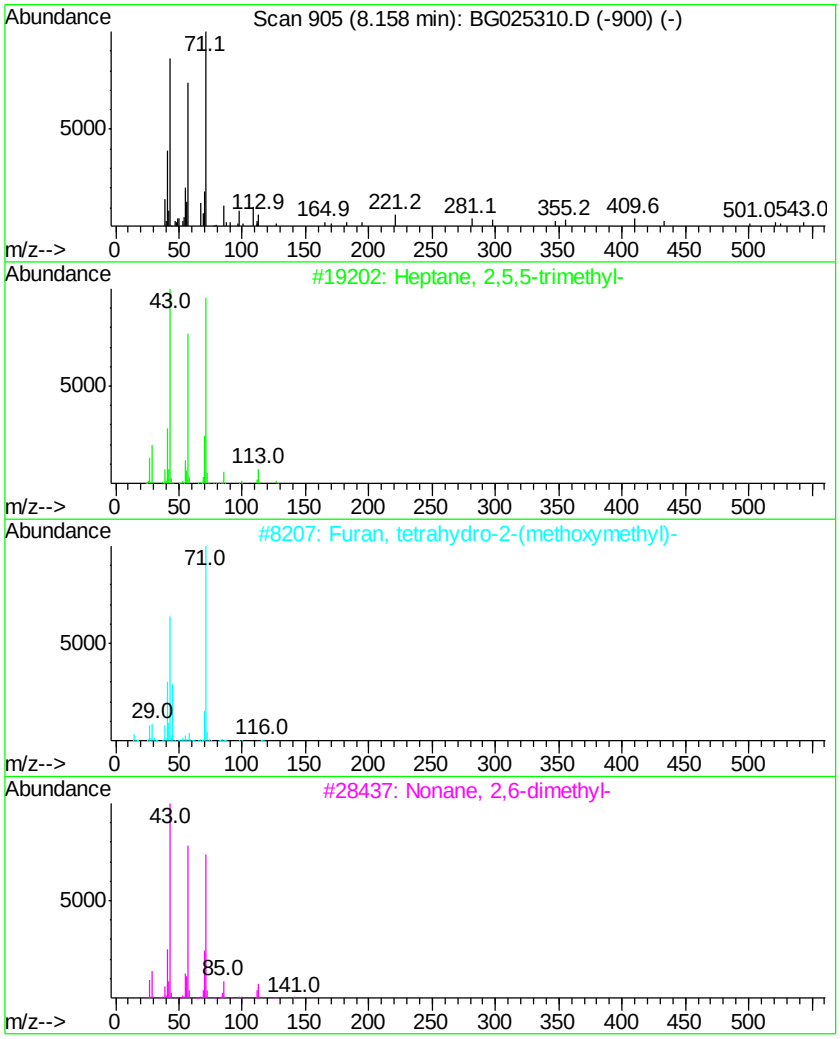
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

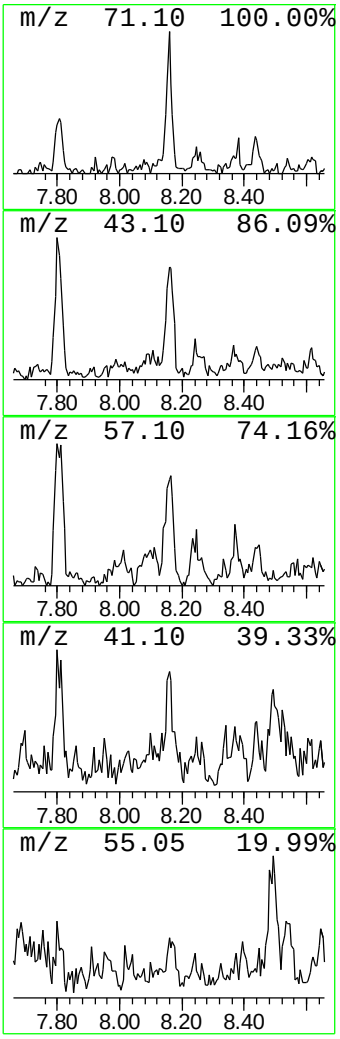
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	2.47 ng/ul	60667	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	53
2	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	42
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	42
4	Decane, 4-methyl-	156	C11H24	002847-72-5	42
5	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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

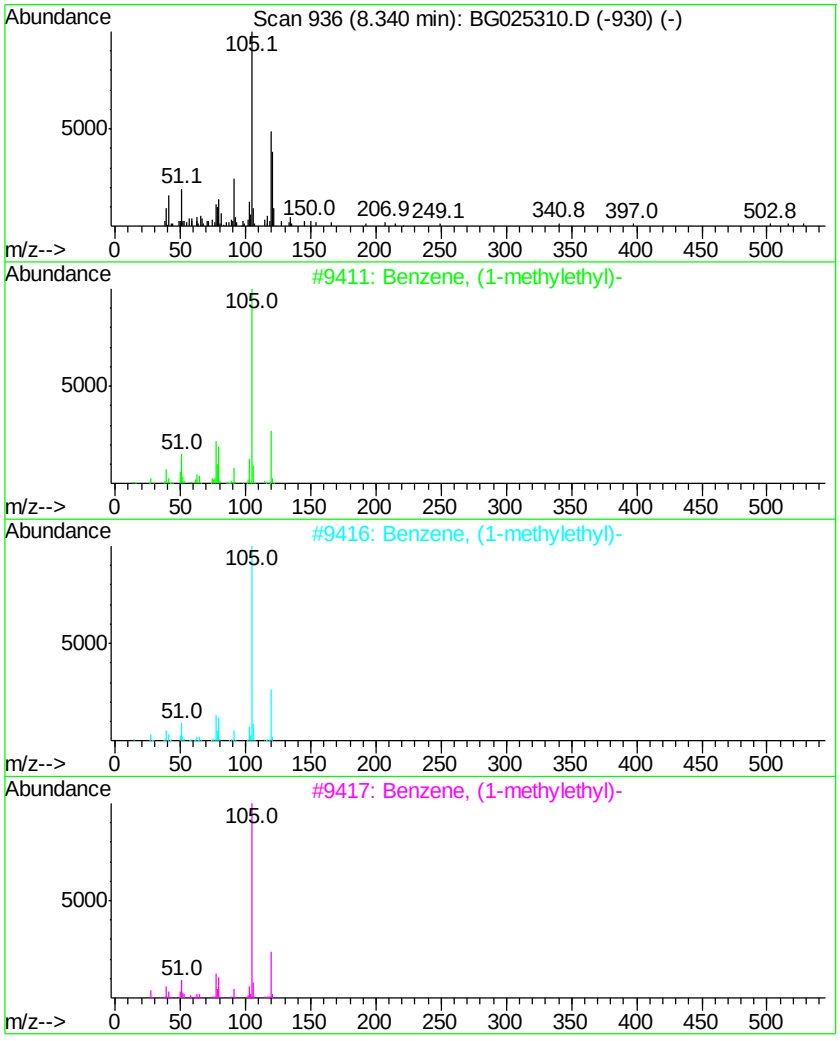
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

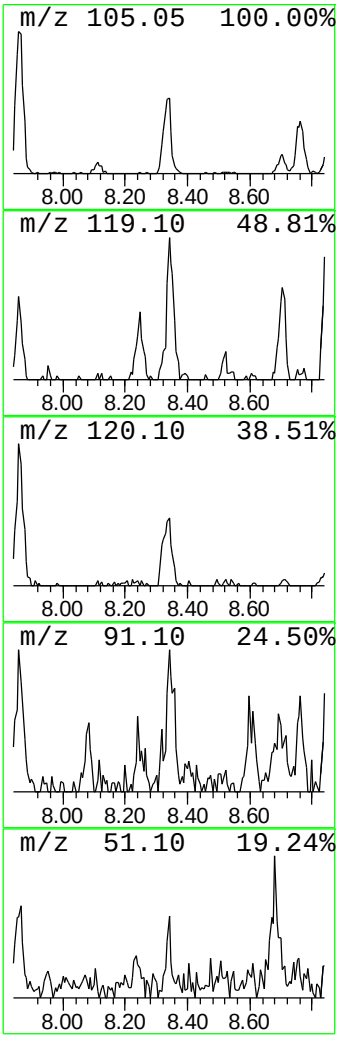
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	5.32 ng/ul	130921	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	58
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	52
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	50
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	49
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	49





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Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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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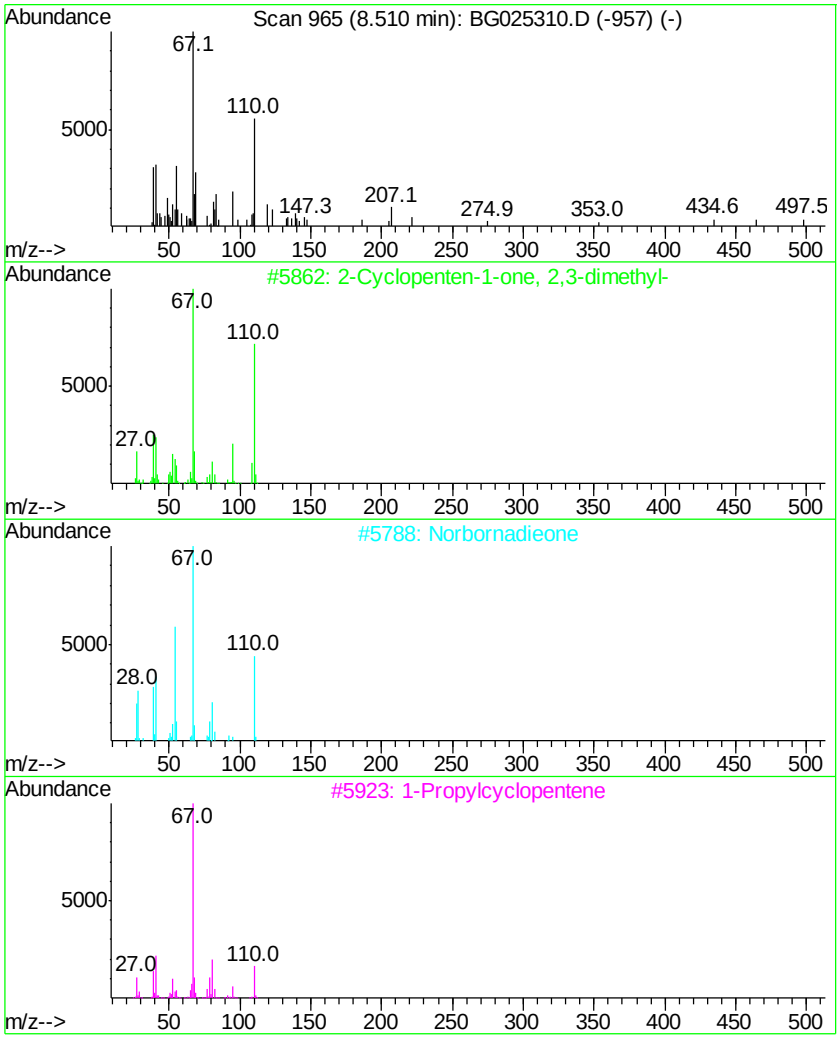
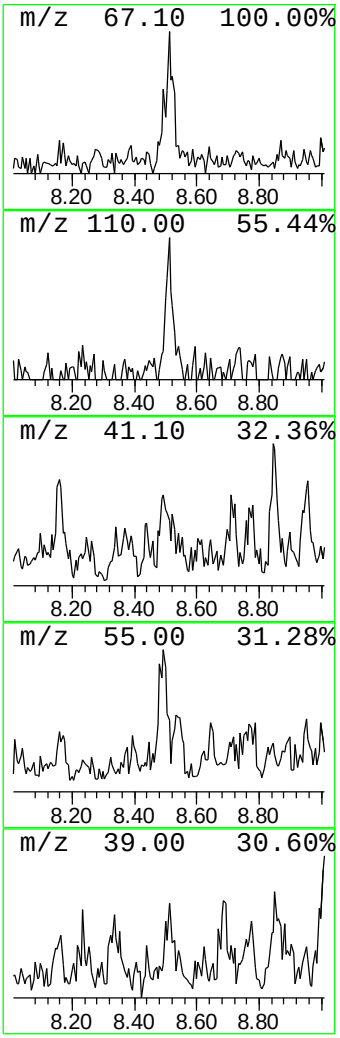
Peak Number 7 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	4.60 ng/ul	113142	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	64
2	Norbornadieone	110	C7H10O	010218-02-7	52
3	1-Propylcyclopentene	110	C8H14	003074-61-1	50
4	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	38
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	38





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Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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Quant Title : SVOA CALIBRATION

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

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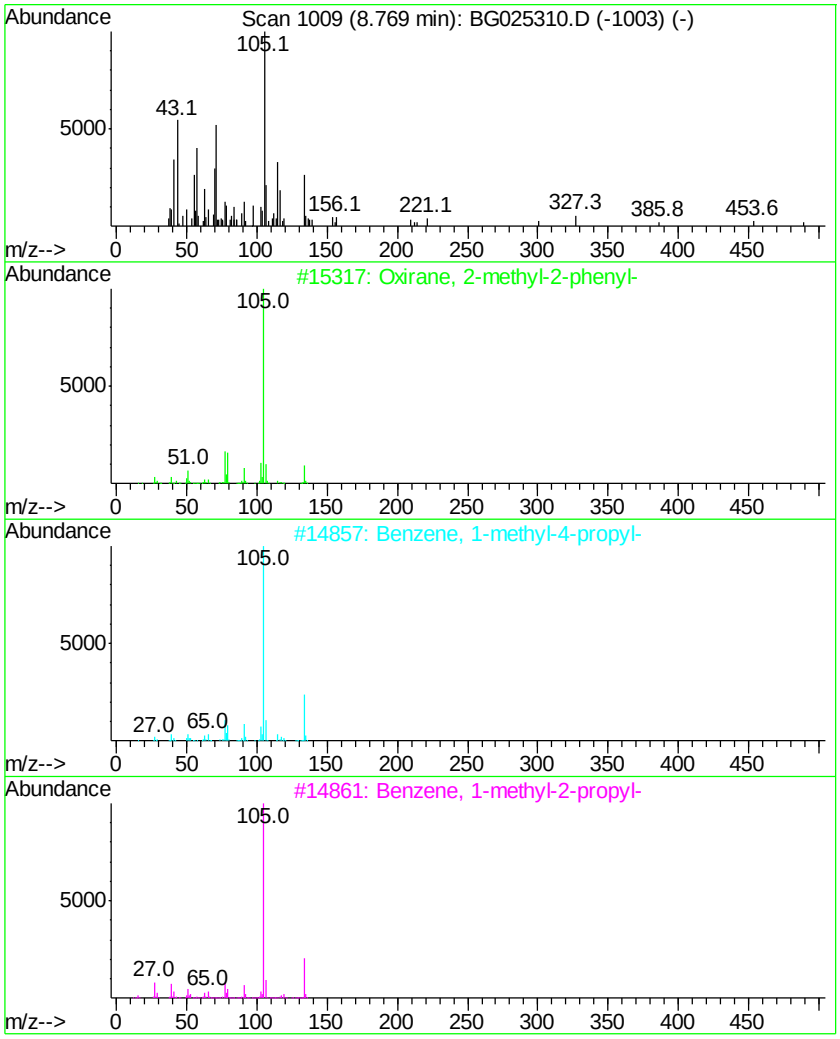
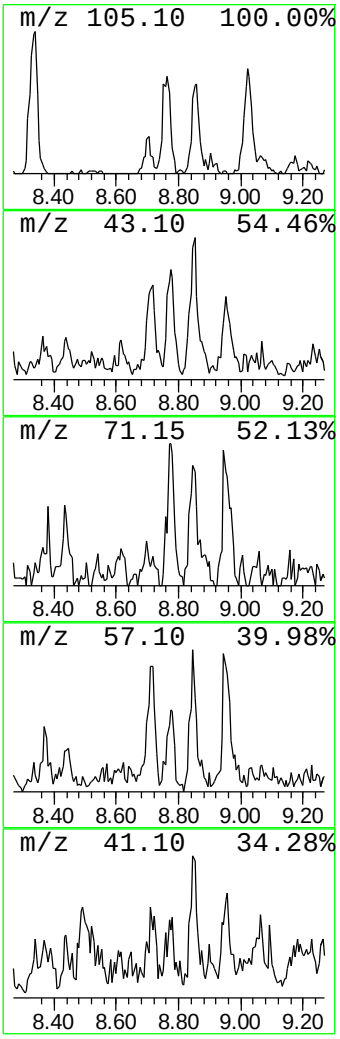
Peak Number 8 unknown-01 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	4.89 ng/ul	120308	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	25
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	22
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	22
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	22
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	22





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Sample : H5995-14DL 25X
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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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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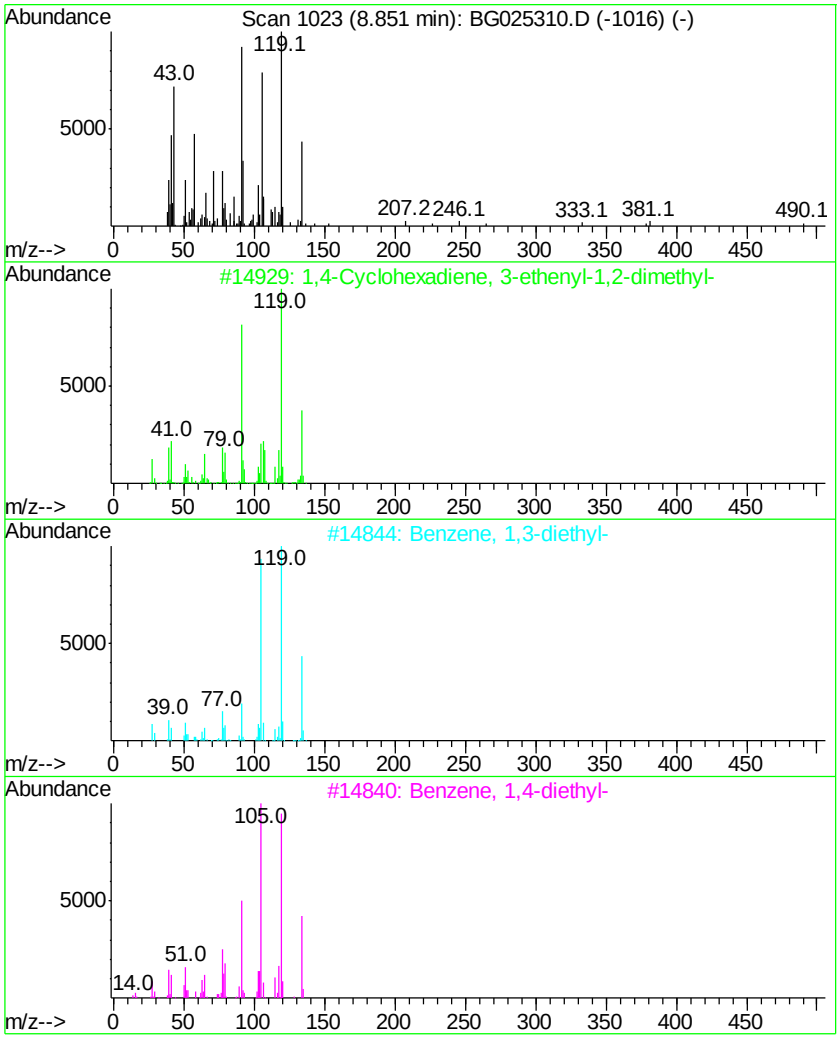
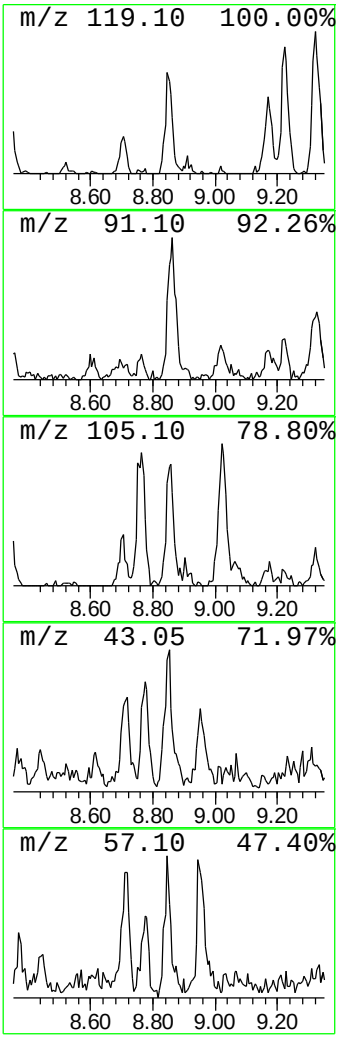
Peak Number 9 1,4-Cyclohexadiene, 3-ethen... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	9.25 ng/ul	227443	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	72
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	64
4	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	60
5	o-Cymene	134	C10H14	000527-84-4	60





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Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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Quant Title : SVOA CALIBRATION

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

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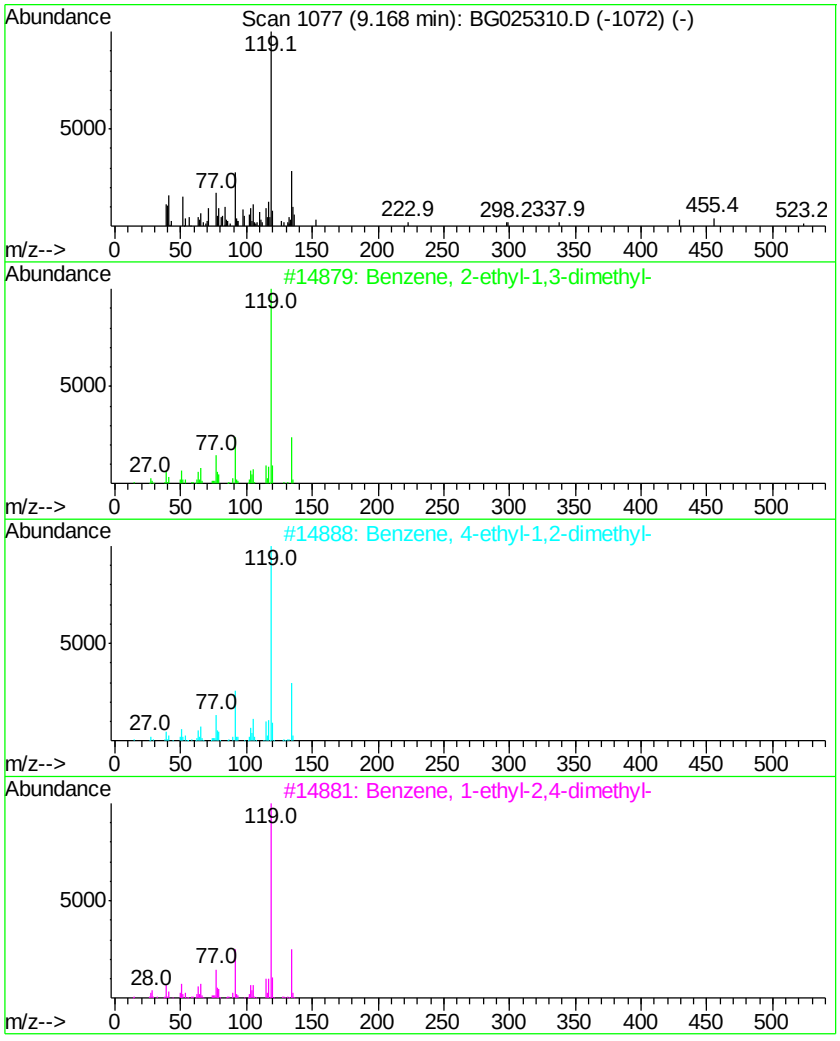
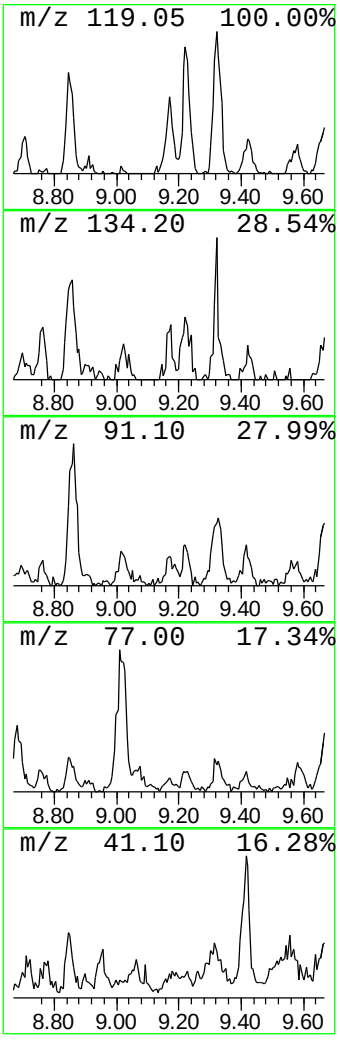
Peak Number 10 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.58 ng/ul	63513	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	74





Library Search Compound Report

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Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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Quant Title : SVOA CALIBRATION

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

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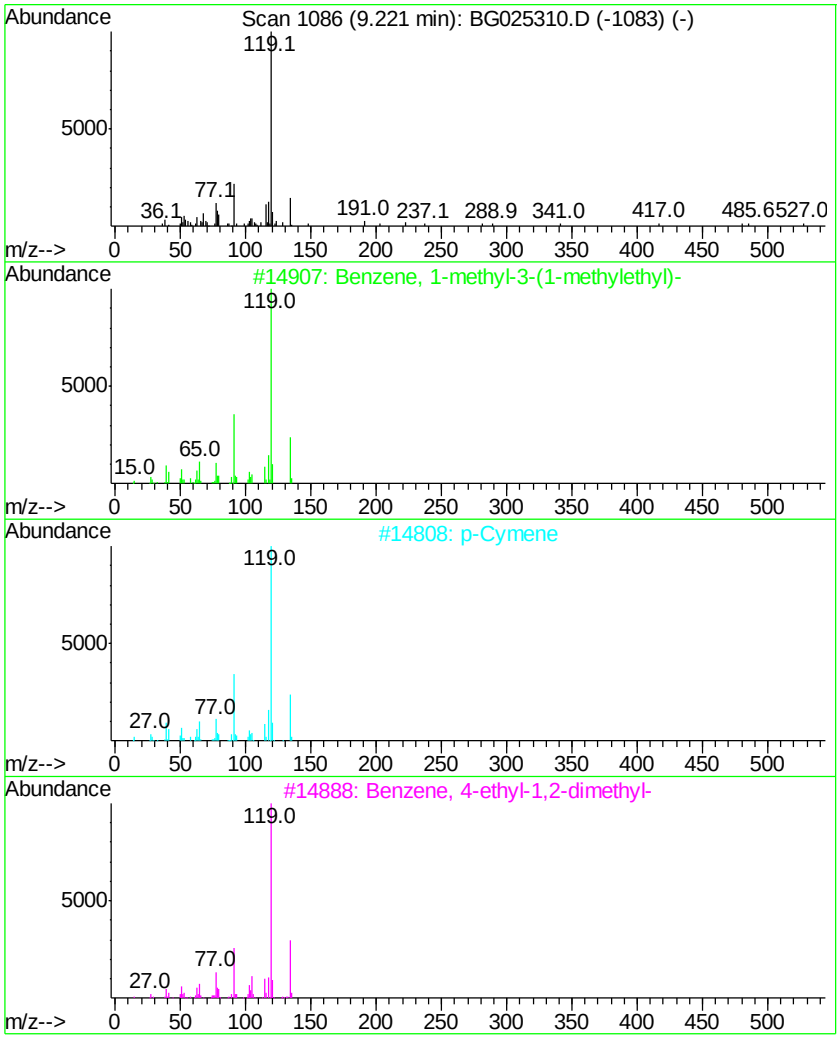
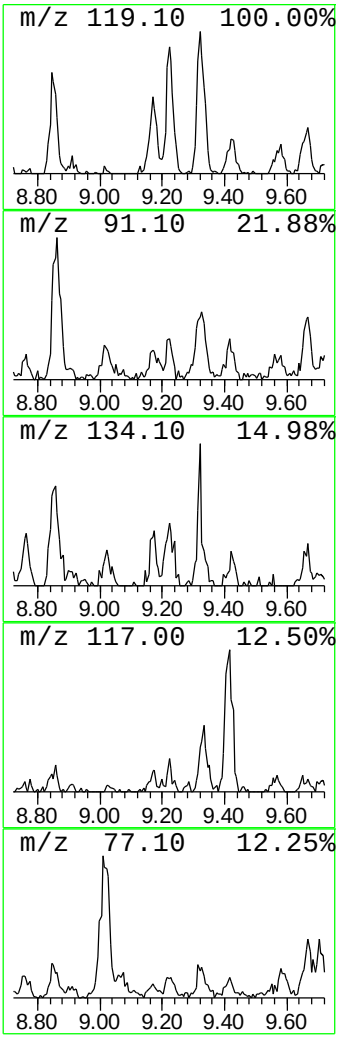
Peak Number 11 Benzene, 1-methyl-3-(1-meth... Concentration Rank 80

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	2.25 ng/ul	55430	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
2	p-Cymene	134	C10H14	000099-87-6	87
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	80
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80





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Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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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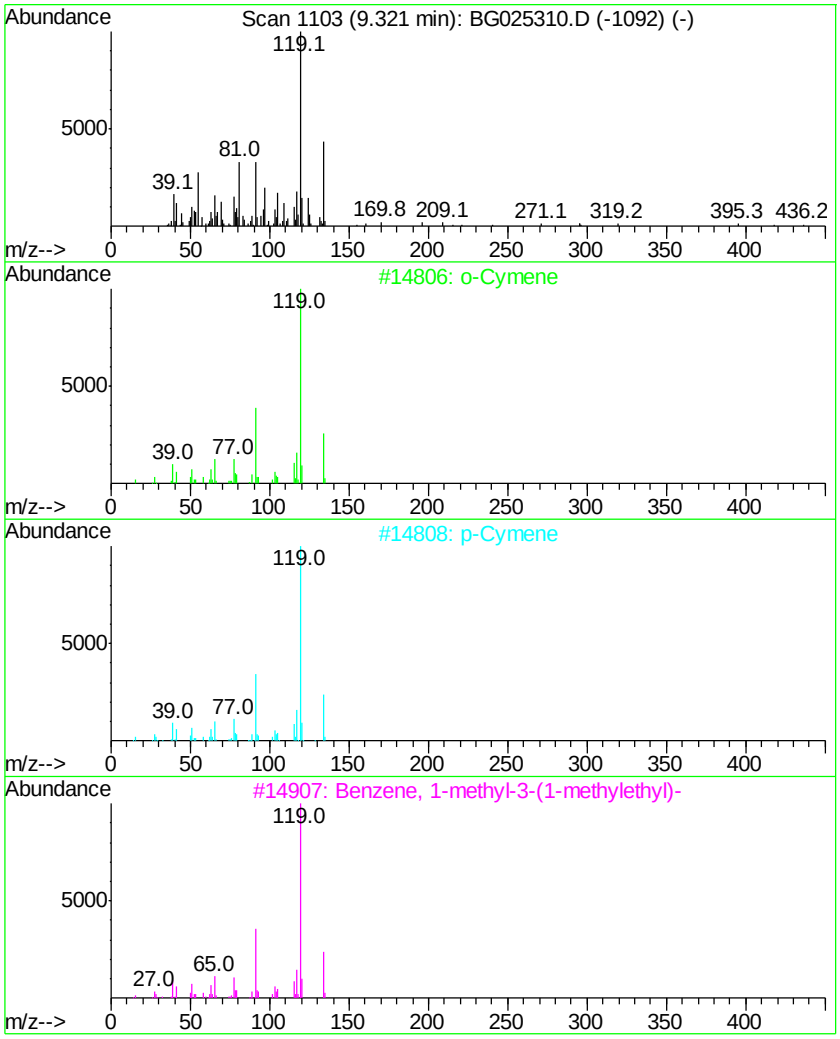
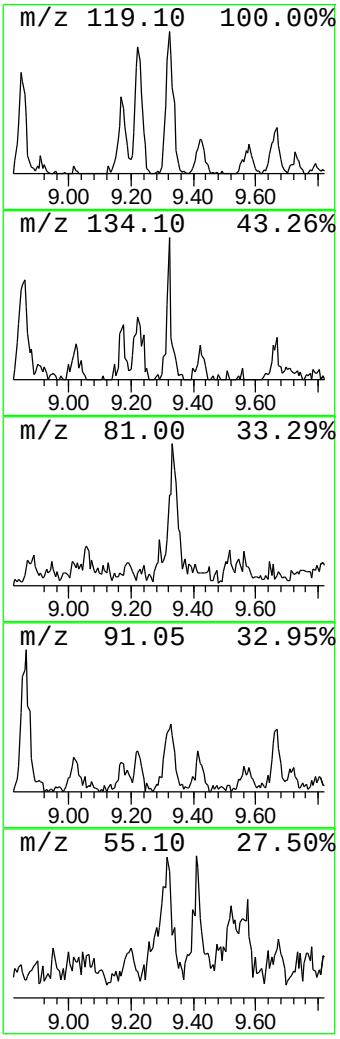
Peak Number 12 o-Cymene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	10.32 ng/ul	253736	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	76
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70





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Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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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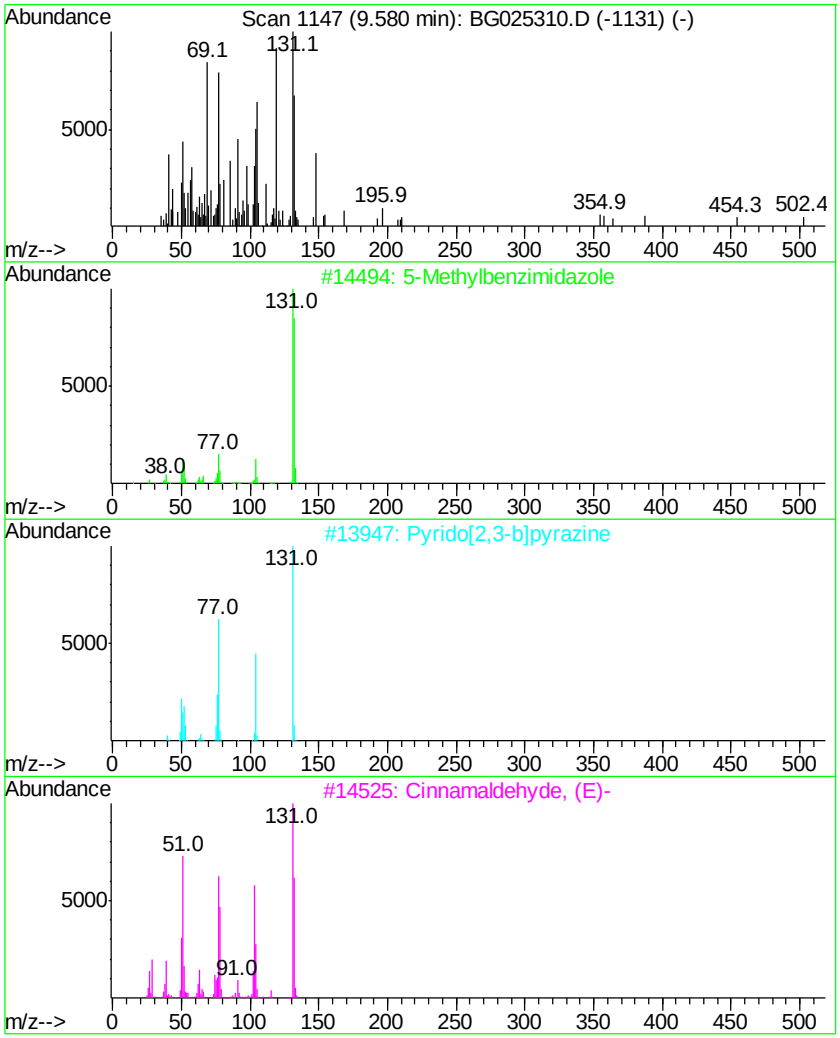
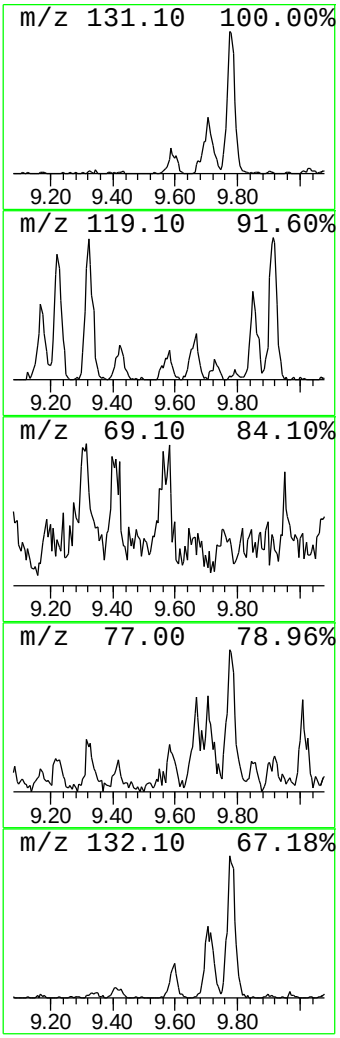
Peak Number 13 unknown-02 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	8.14 ng/ul	200303	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	43
2	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	41
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	38
4	Tetrahydro-2H-thiopyran-4-yliden...	196	C8H8N2O2S	1000252-25-7	35
5	Benzene, (1-ethoxyethenyl)-	148	C10H12O	006230-62-2	30





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Instrument : BNA_G
ClientSampleId : DA882DL

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Quant Title : SVOA CALIBRATION

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

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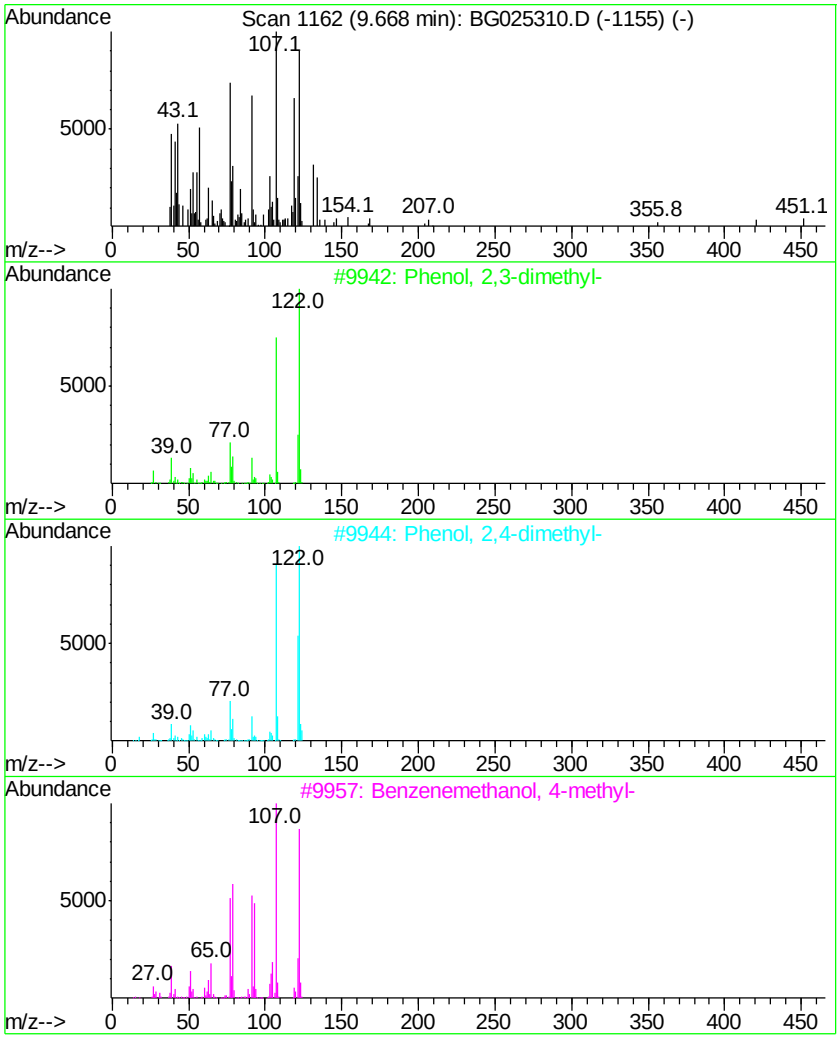
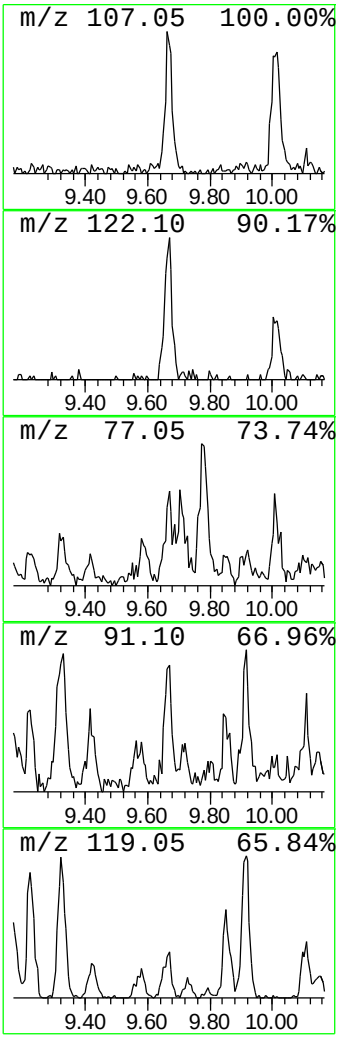
Peak Number 14 Phenol, 2,3-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	6.16 ng/ul	180948	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	64
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	64
3	Benzenemethanol, 4-methyl-	122	C8H10O	000589-18-4	58
4	Benzenemethanol, 4-methyl-	122	C8H10O	000589-18-4	58
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	58





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Sample : H5995-14DL 25X
Misc :
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Instrument : BNA_G
ClientSampleId : DA882DL

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Quant Title : SVOA CALIBRATION

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

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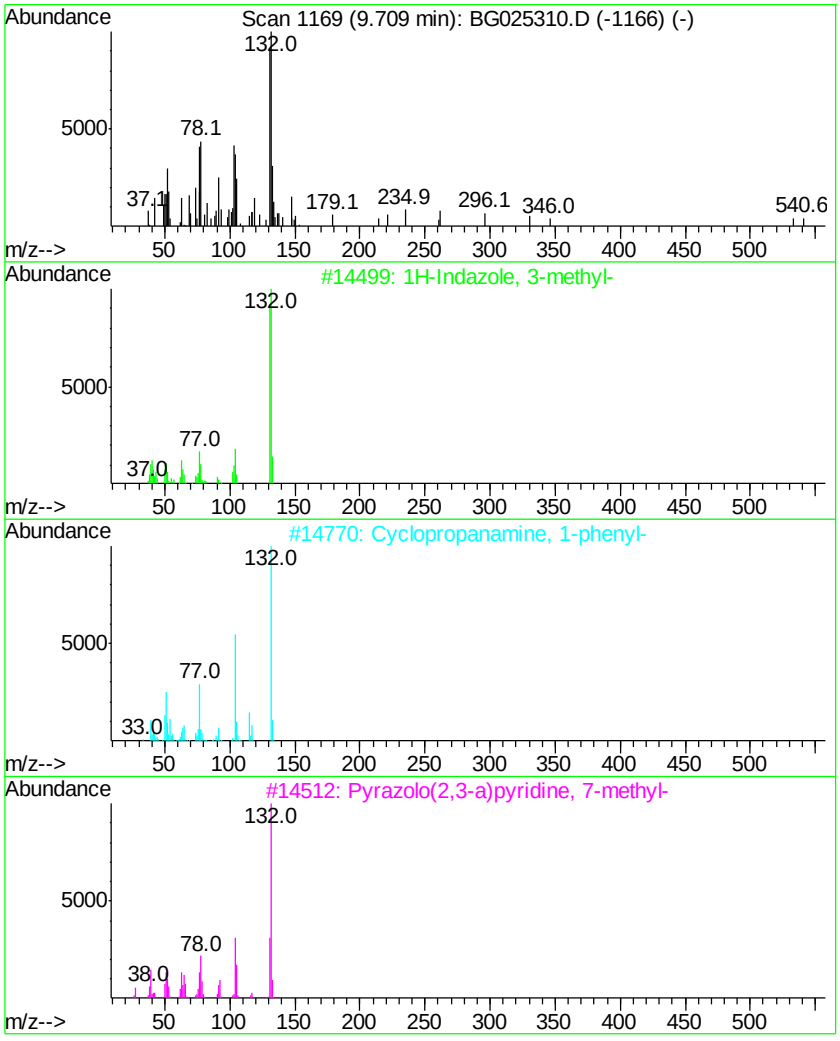
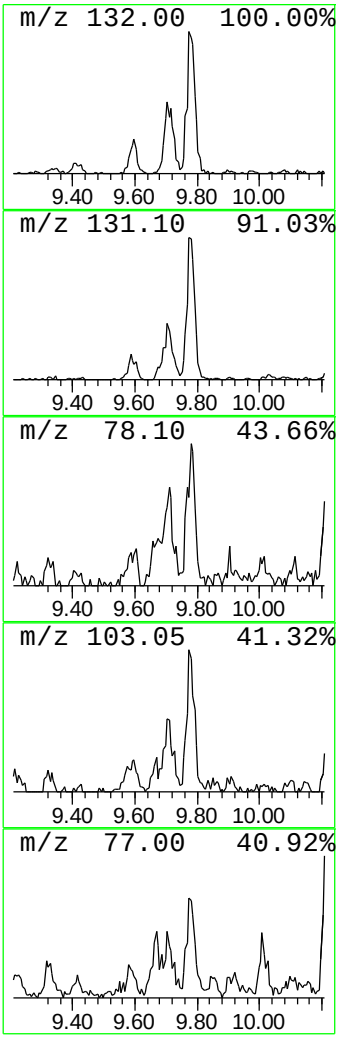
Peak Number 15 1H-Indazole, 3-methyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	4.66 ng/ul	136759	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	74
2	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	52
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	50
4	(2Z,4Z)-3,4-Dimethyl-2,4-hexadie...	132	C8H8N2	001557-61-5	49
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	49





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Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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Quant Title : SVOA CALIBRATION

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

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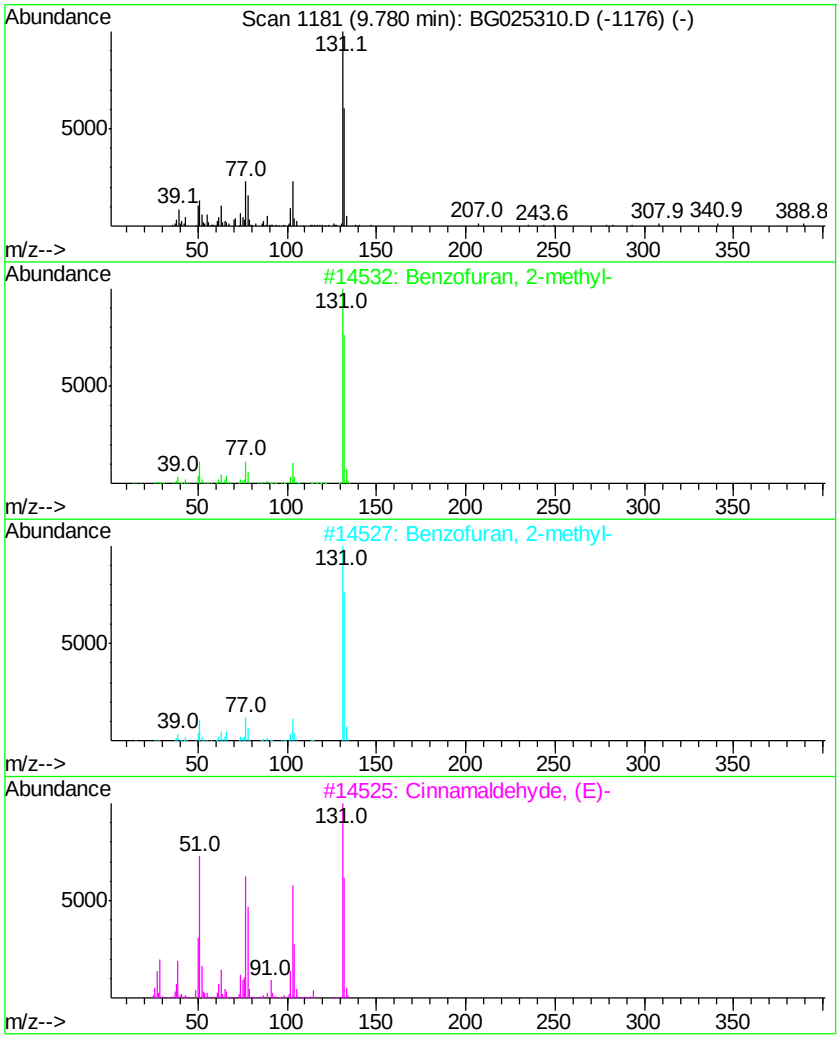
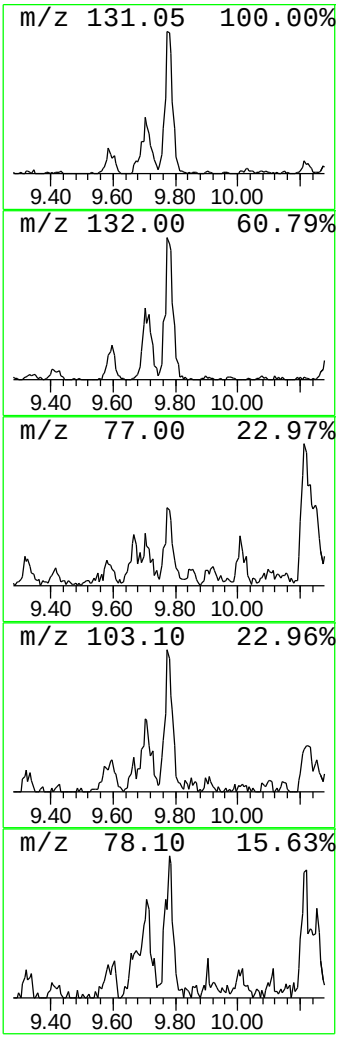
Peak Number 16 Benzofuran, 2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	8.64 ng/ul	253879	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	64
4	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	59
5	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	59





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Quant Title : SVOA CALIBRATION

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

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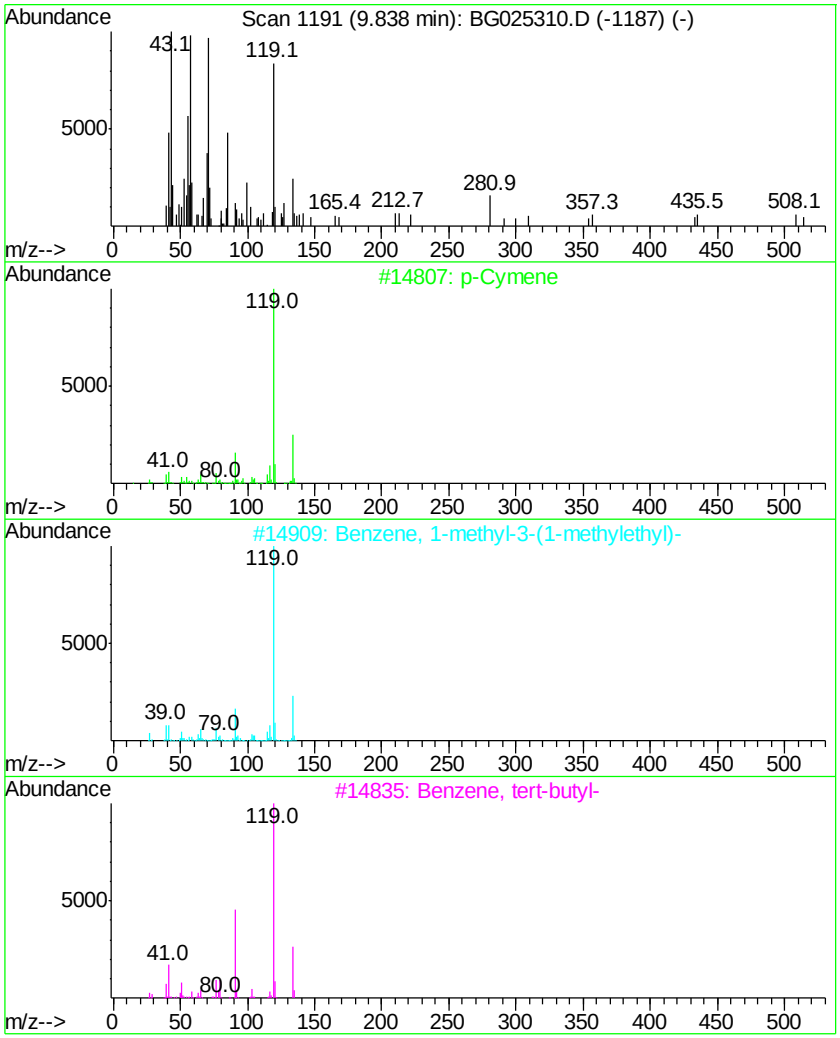
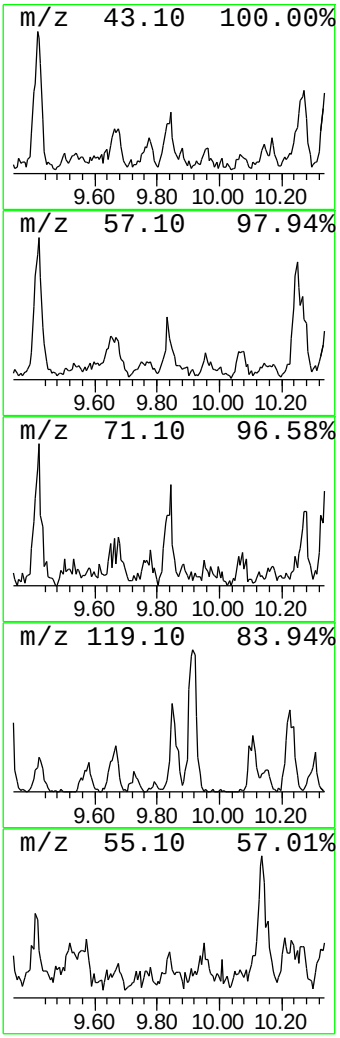
Peak Number 17 unknown-03 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	3.94 ng/ul	115589	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	43
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	38
4	o-Cymene	134	C10H14	000527-84-4	38
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	35





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Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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TIC Integration Parameters: LSCINT.P

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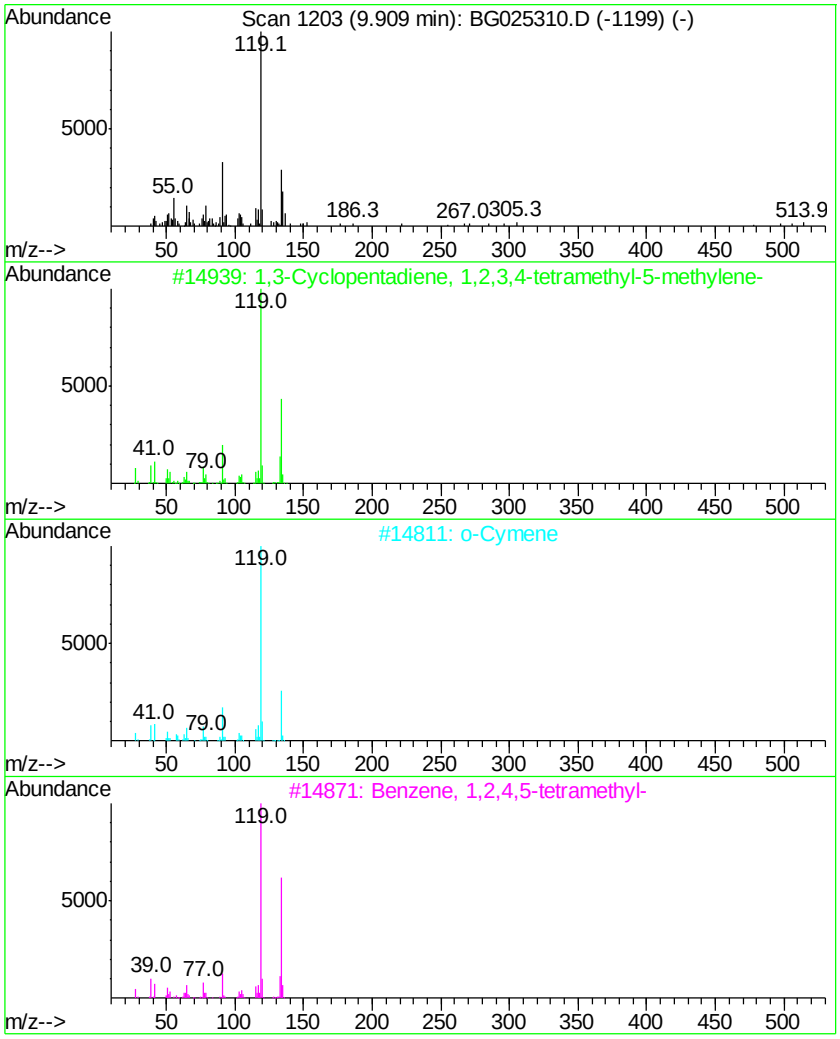
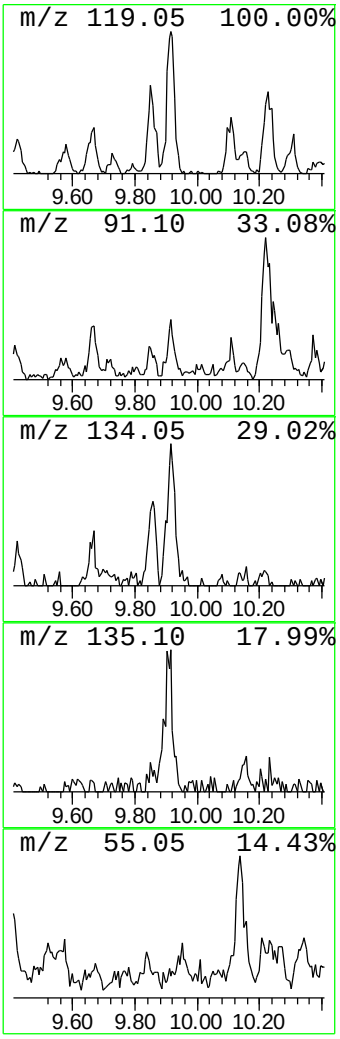
Peak Number 18 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	3.75 ng/ul	110252	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
2	o-Cymene	134	C10H14	000527-84-4	76
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70





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Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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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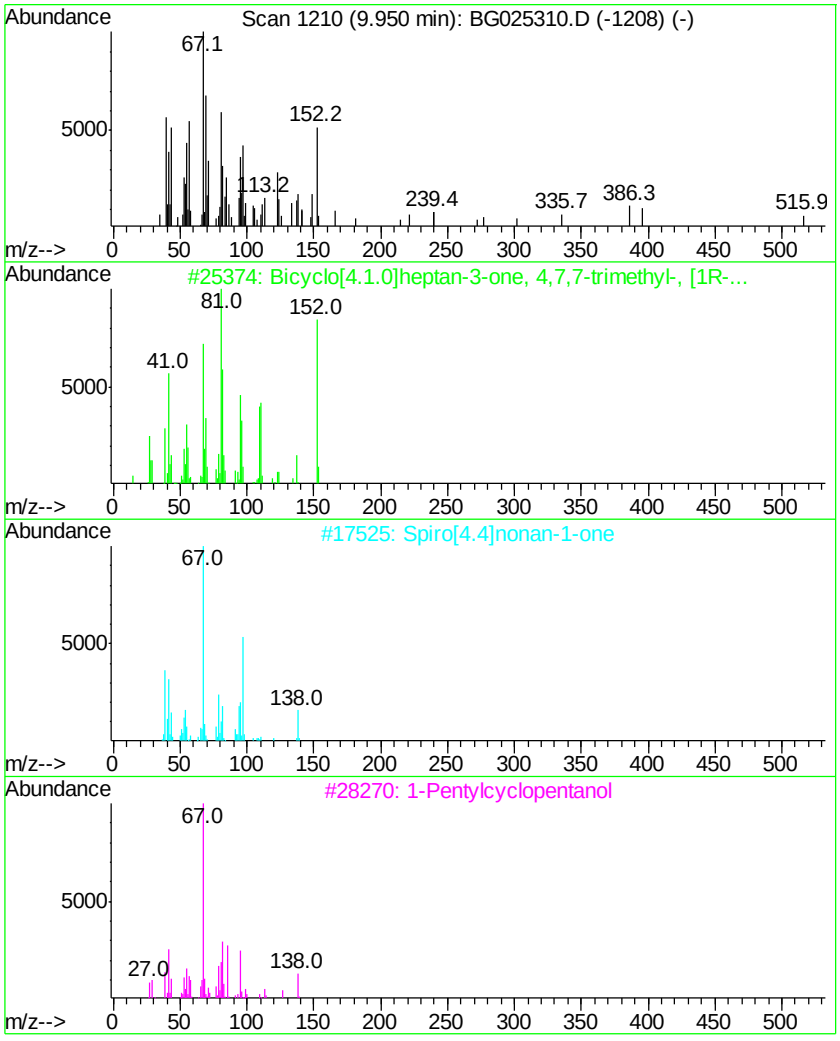
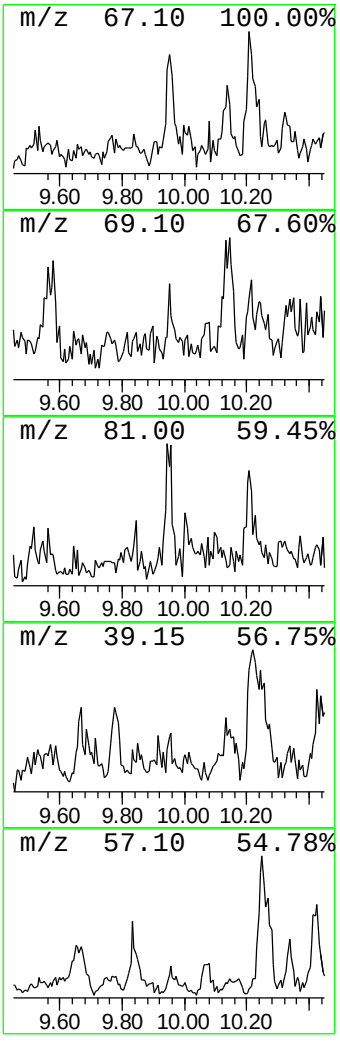
Peak Number 19 unknown-04 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	2.56 ng/ul	75224	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	38
2	Spiro[4.4]nonan-1-one	138	C9H14O	014727-58-3	38
3	1-Pentylcyclopentanol	156	C10H20O	194800-16-3	35
4	19,19-Dimethyl-eicosa-8,11-dieno...	336	C22H40O2	1000297-01-9	30
5	Cyclopentene, 1-pentyl-	138	C10H18	004291-98-9	25





Library Search Compound Report

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Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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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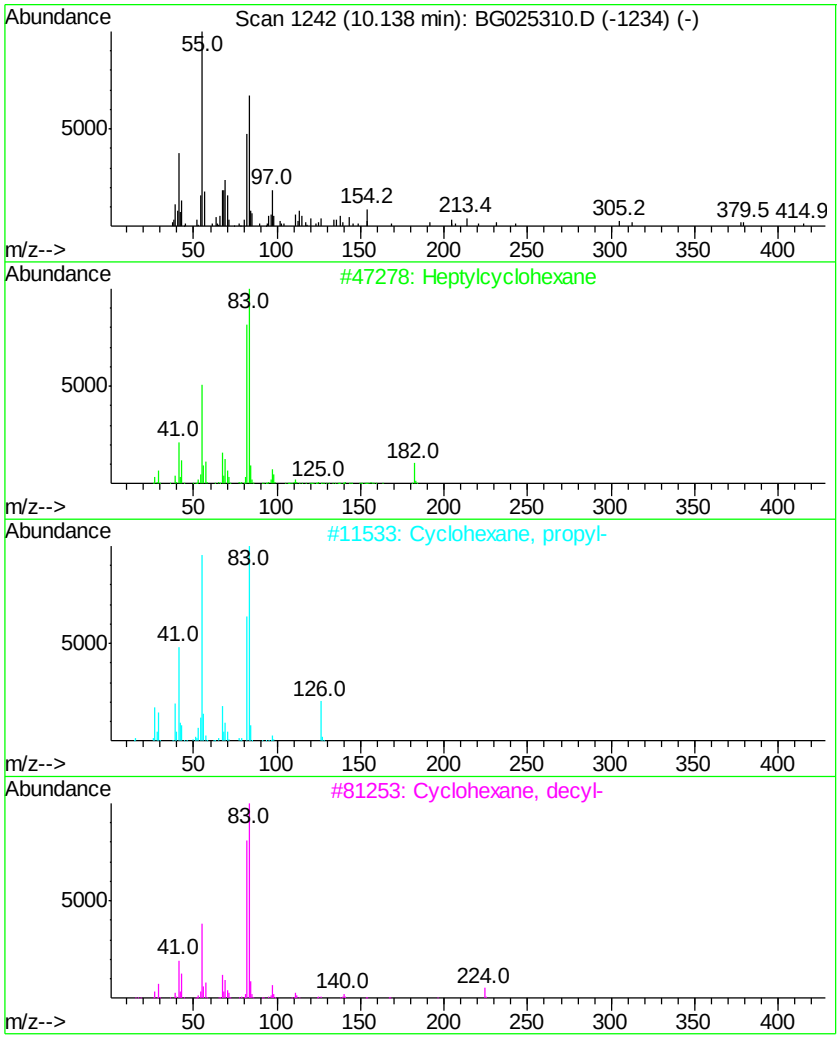
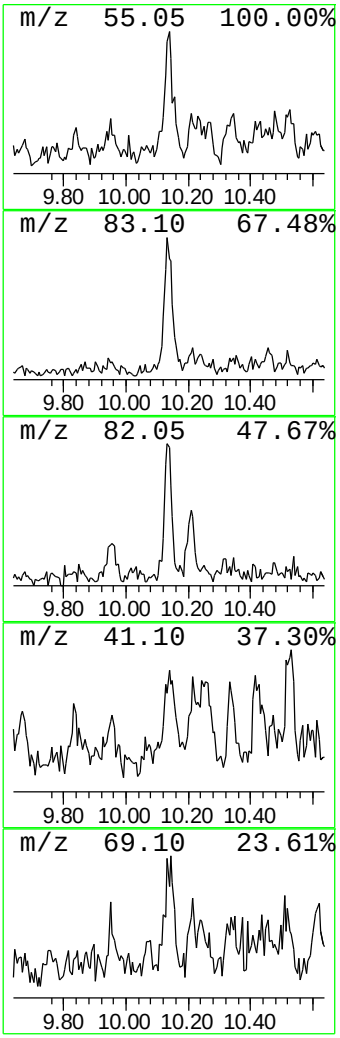
Peak Number 20 (DEL) Alkane: Cyclic10.14 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	6.97 ng/ul	204628	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	64
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
3	Cyclohexane, decyl-	224	C16H32	001795-16-0	59
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
5	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	59





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Sample : H5995-14DL 25X
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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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Quant Title : SVOA CALIBRATION

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

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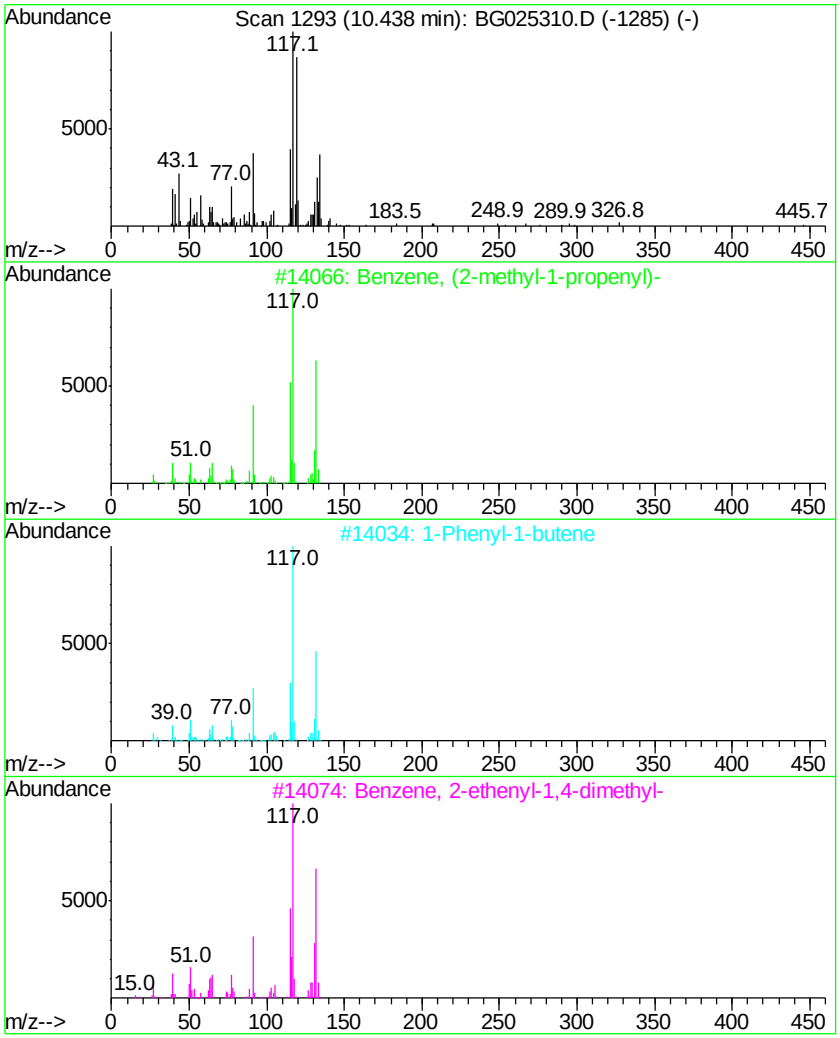
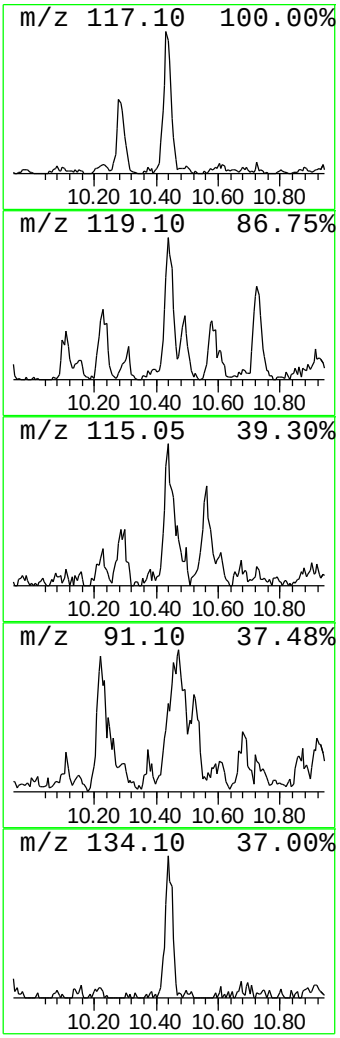
Peak Number 21 Benzene, (2-methyl-1-propen... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	11.11 ng/ul	326276	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	60
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	53





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Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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Quant Title : SVOA CALIBRATION

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

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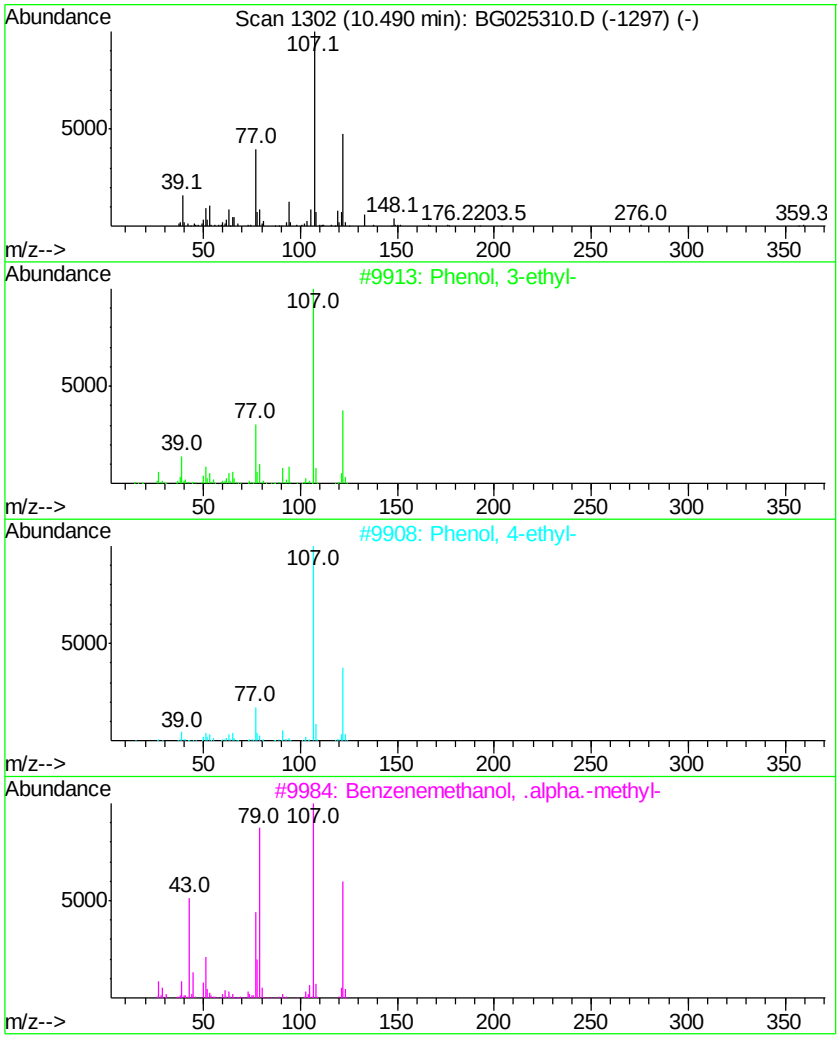
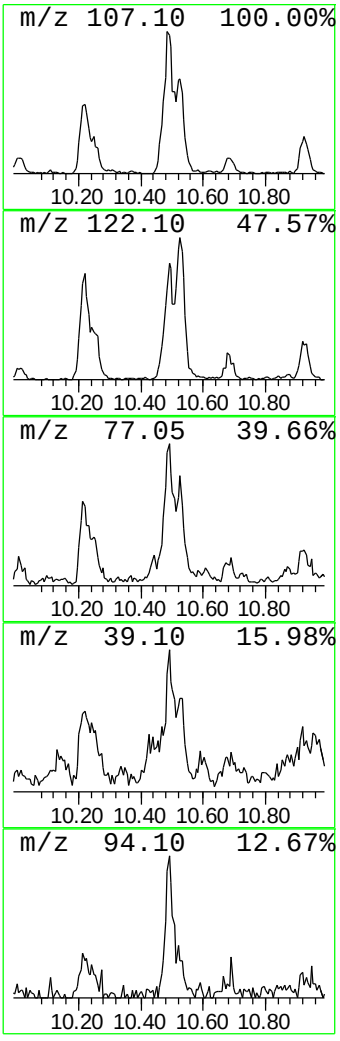
Peak Number 22 Phenol, 3-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	15.99 ng/ul	469601	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	90
2	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	80
3	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	72
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	64
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	58





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Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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Quant Title : SVOA CALIBRATION

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

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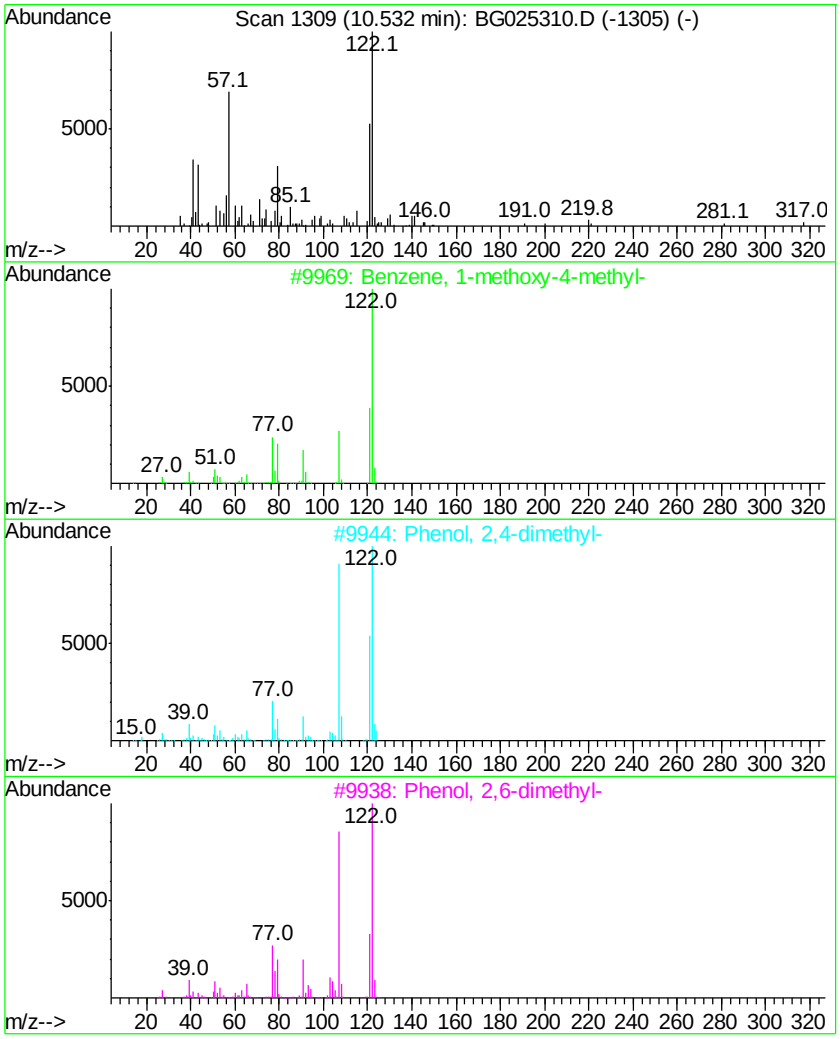
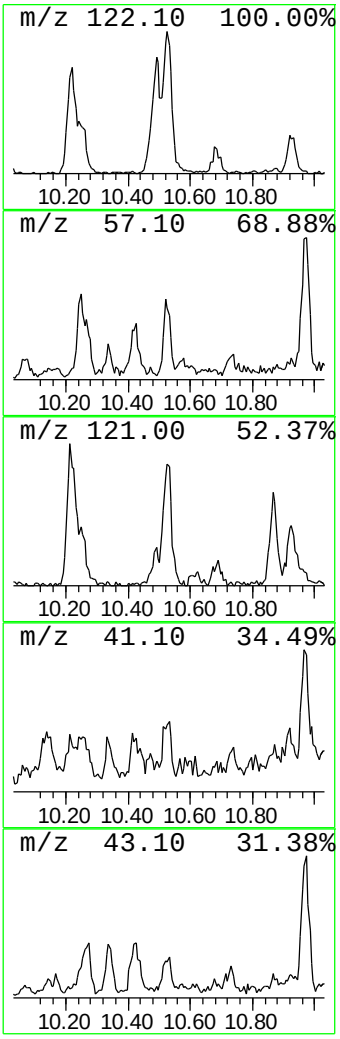
Peak Number 23 Benzene, 1-methoxy-4-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	12.25 ng/ul	359776	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	62
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	58
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	52
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	52
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	50





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Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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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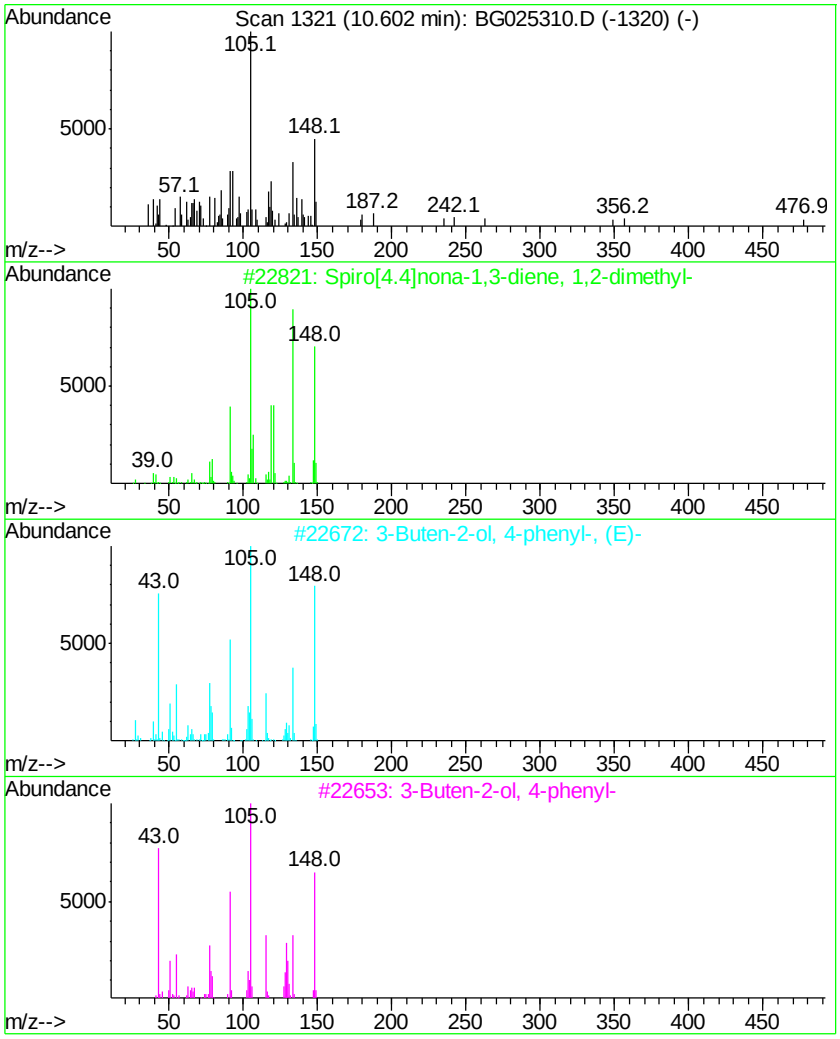
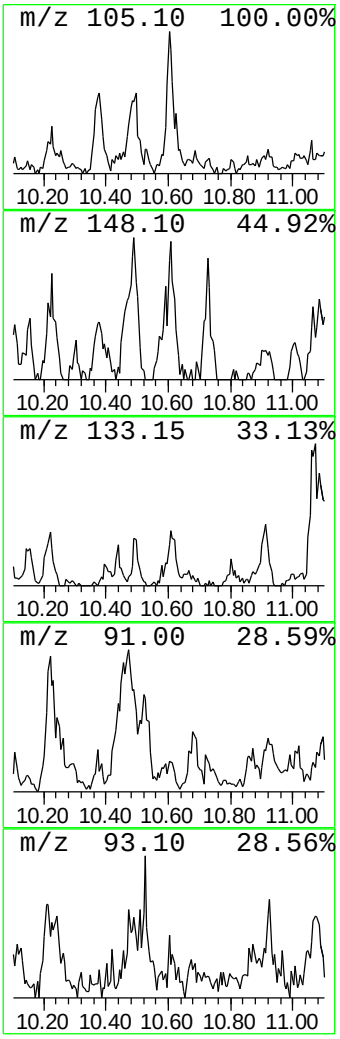
Peak Number 24 unknown-05 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.50 ng/ul	73352	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	37
2	3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	27
3	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	27
4	Benzene, (2-methoxy-2-propenyl)-	148	C10H12O	026473-60-9	25
5	Tetryl	287	C7H5N5O8	000479-45-8	14





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Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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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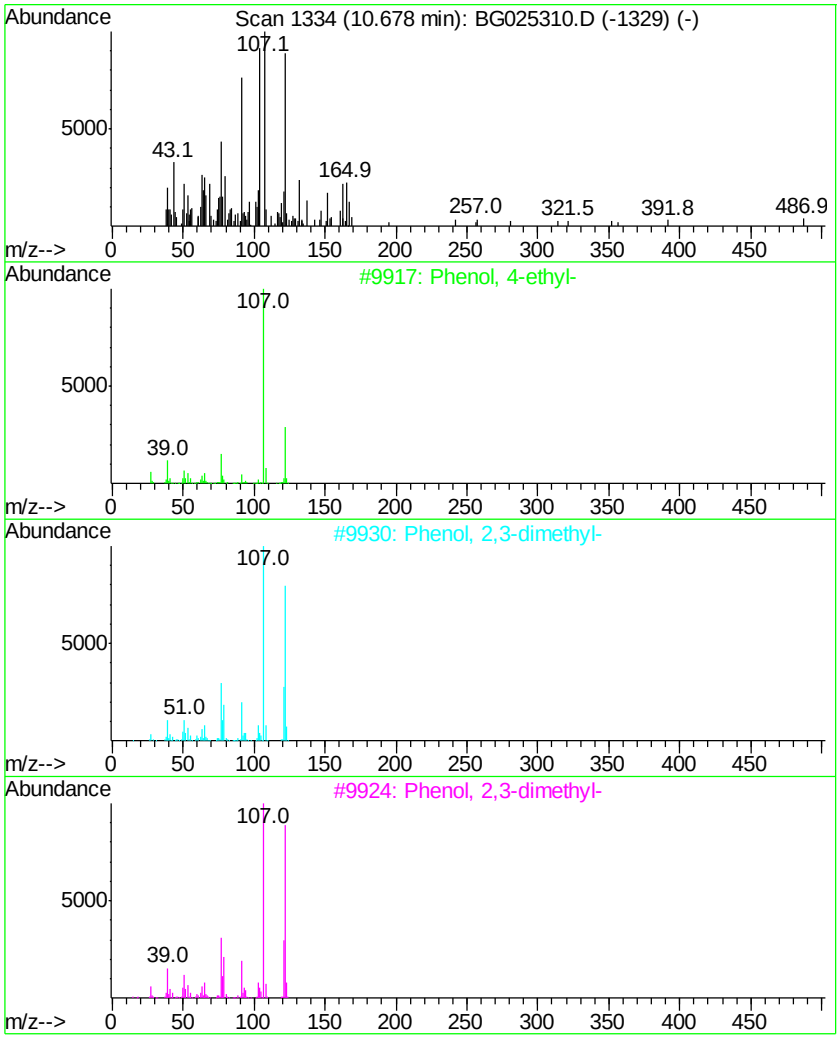
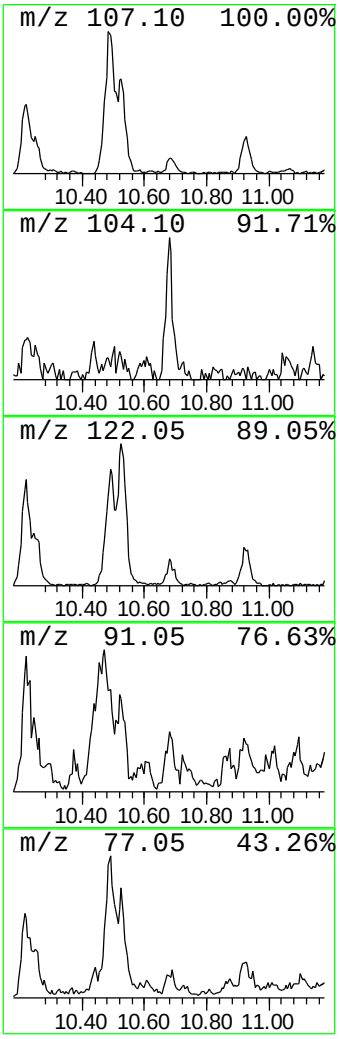
Peak Number 25 Phenol, 4-ethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	5.09 ng/ul	149384	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	60
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	50
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	50
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	50
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	50





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Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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Quant Title : SVOA CALIBRATION

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

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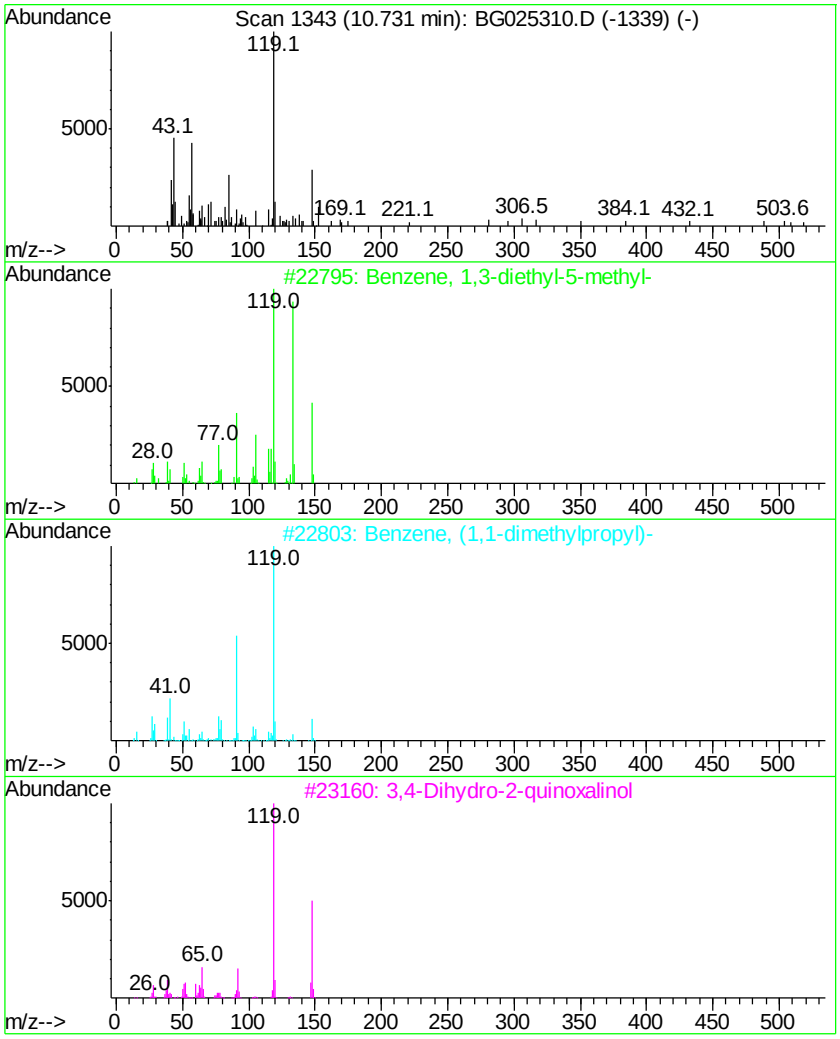
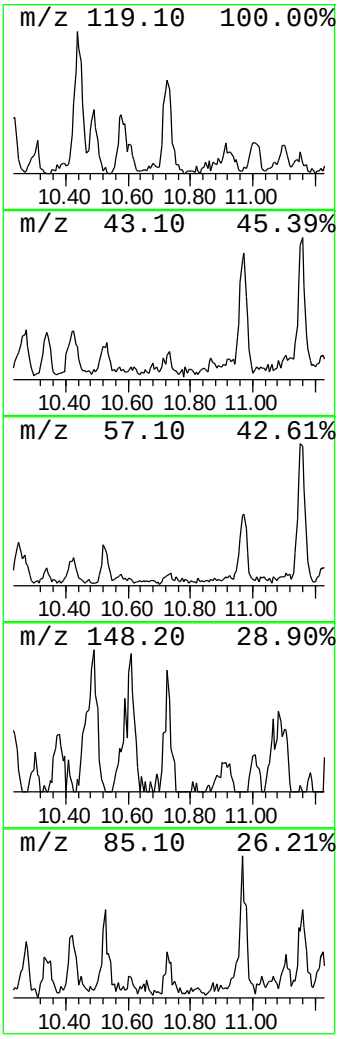
Peak Number 26 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	3.14 ng/ul	92167	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	53
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
3	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	52
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52
5	o-Cymene	134	C10H14	000527-84-4	47





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Misc :
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Instrument : BNA_G
ClientSampleId : DA882DL

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Quant Title : SVOA CALIBRATION

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

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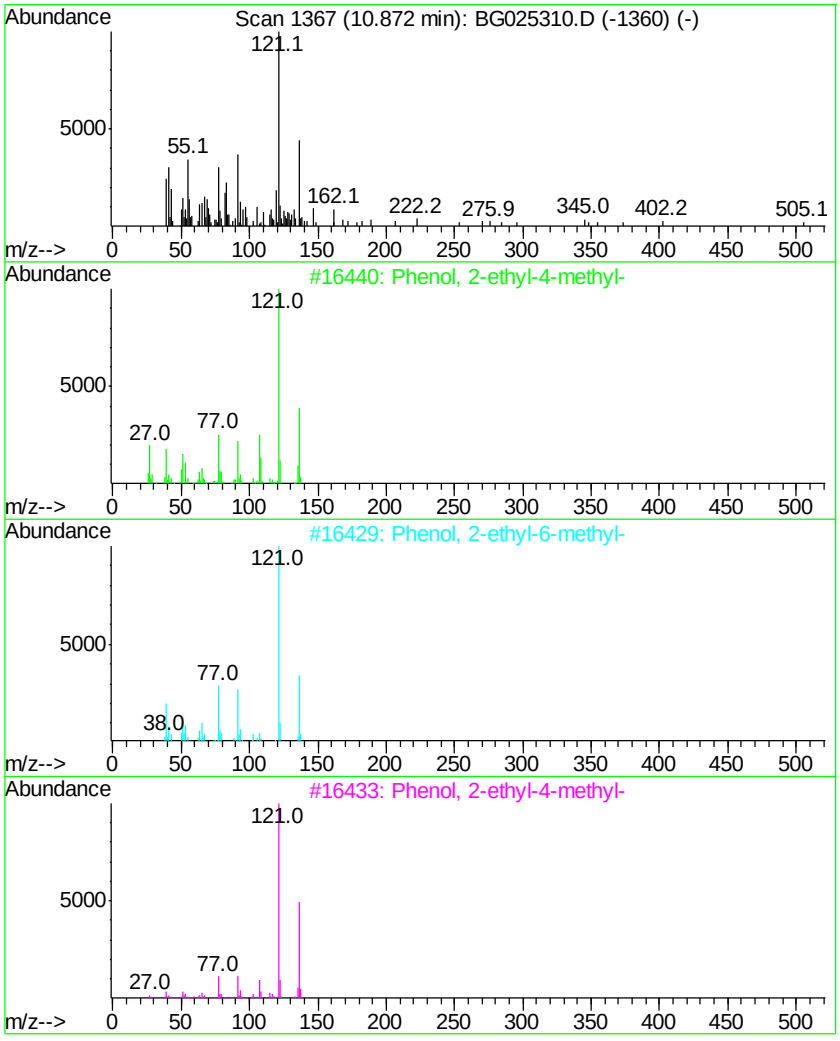
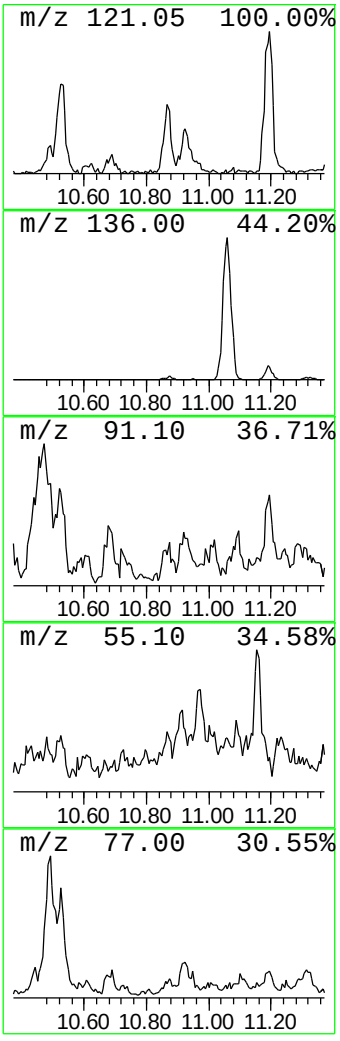
Peak Number 27 Phenol, 2-ethyl-4-methyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	4.41 ng/ul	129620	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	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	76
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	68
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	64
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	64





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Misc :
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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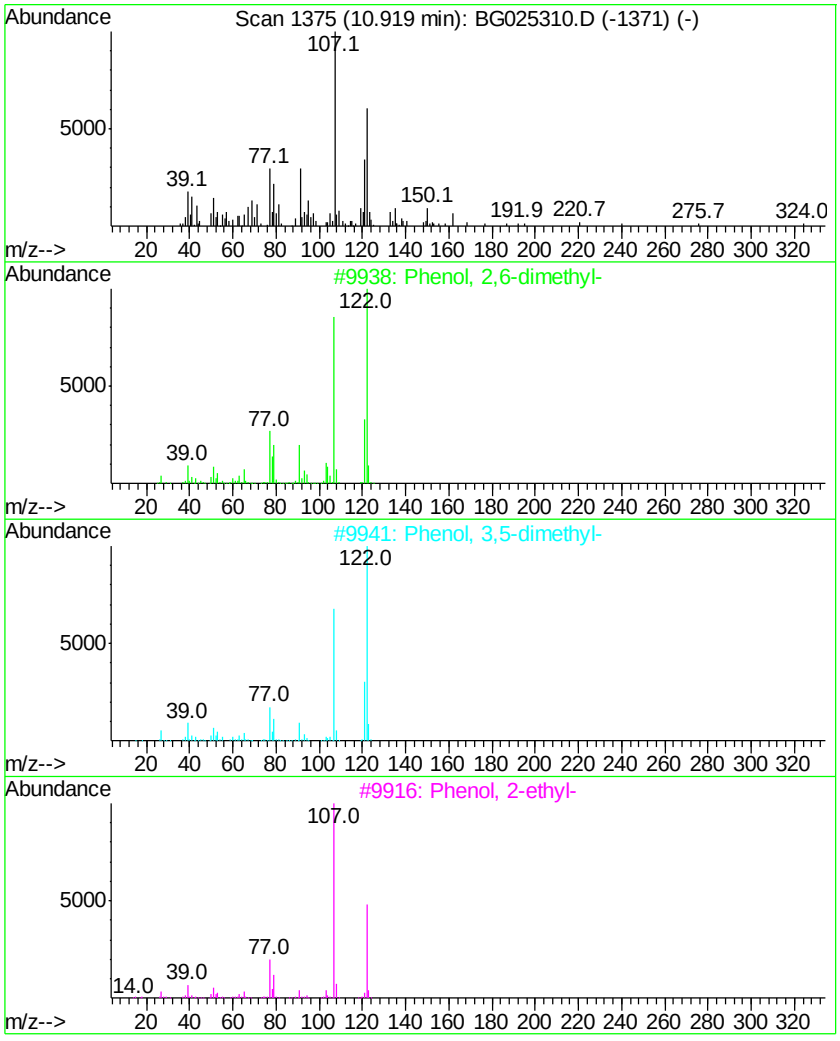
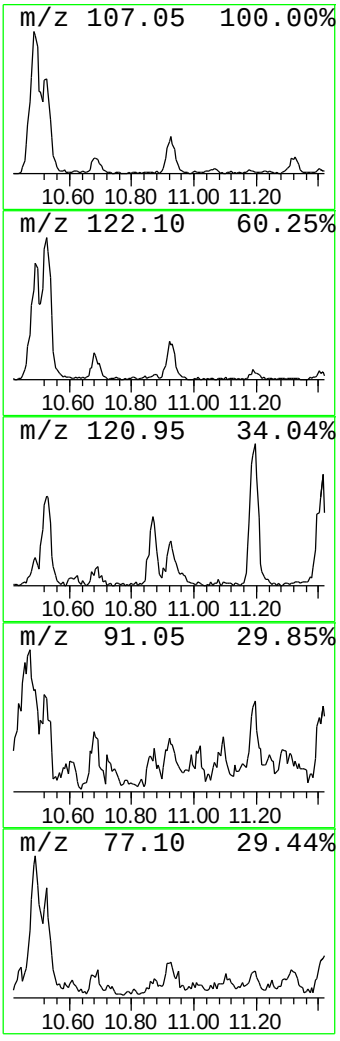
Peak Number 28 Phenol, 2,6-dimethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	4.56 ng/ul	133939	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	74
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	72
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	68
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	64
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	64





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Sample : H5995-14DL 25X
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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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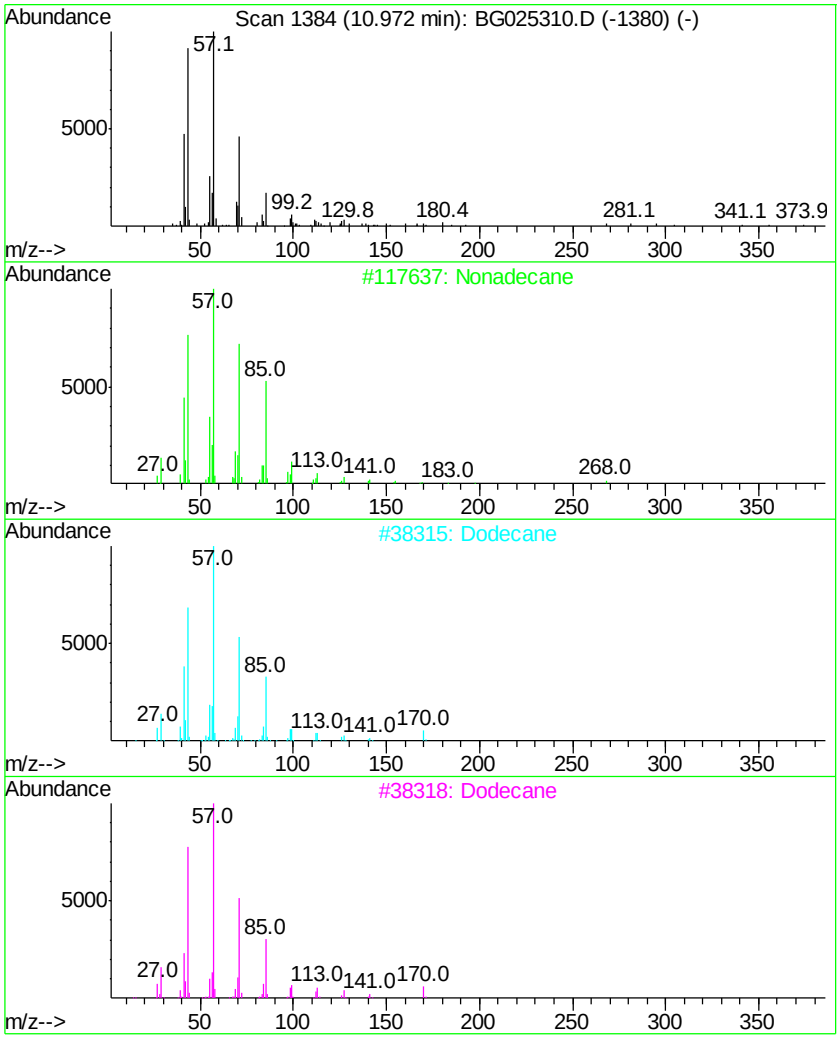
Quant Title : SVOA CALIBRATION

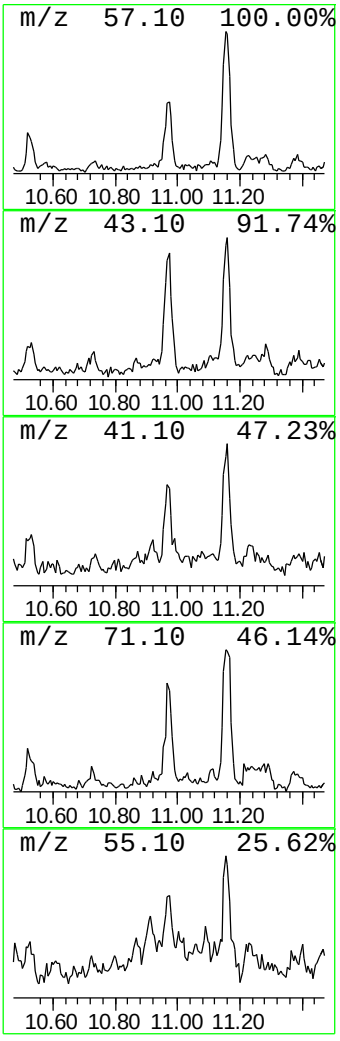
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	4.94 ng/ul	145161	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	76
2	Dodecane	170	C12H26	000112-40-3	74
3	Dodecane	170	C12H26	000112-40-3	72
4	Nonadecane	268	C19H40	000629-92-5	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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

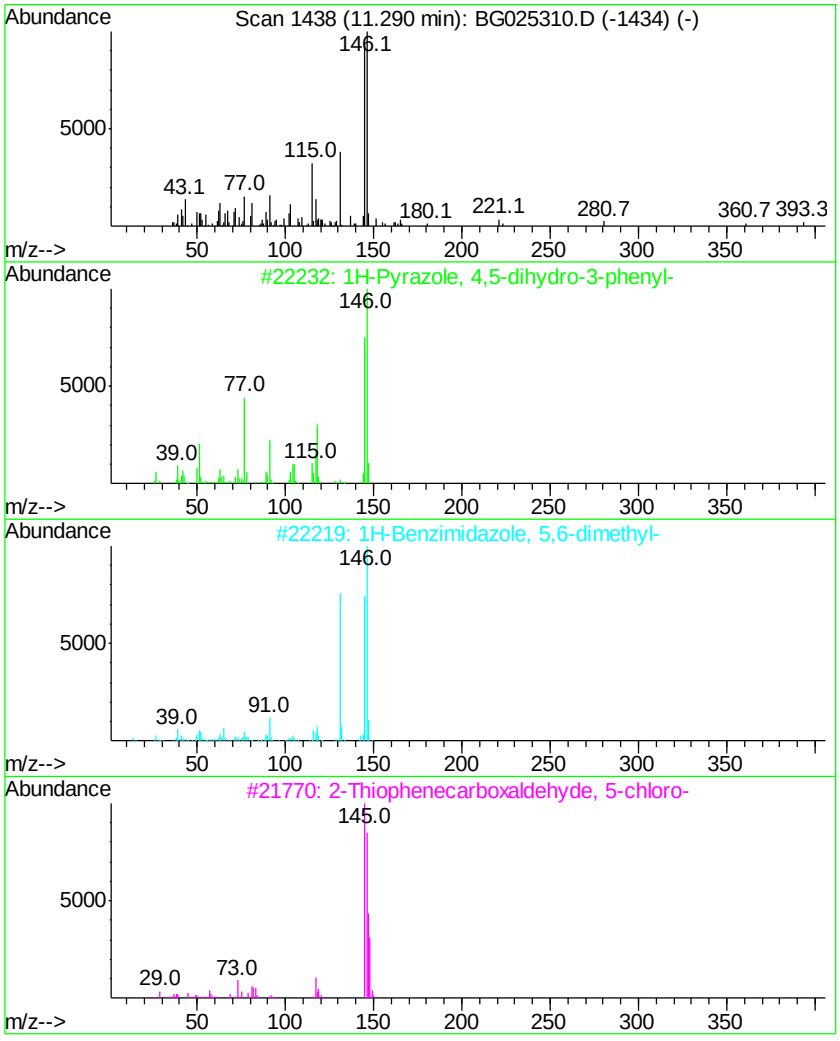
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

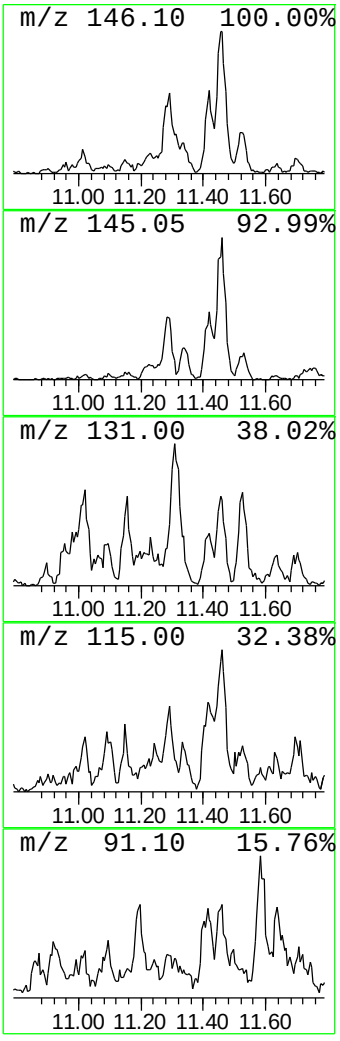
****

Peak Number 30 1H-Pyrazole, 4,5-dihydro-3-... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	8.26 ng/ul	242631	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	64
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	59
3	2-Thiophenecarboxaldehyde, 5-chl...	146	C5H3ClOS	007283-96-7	53
4	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	47
5	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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

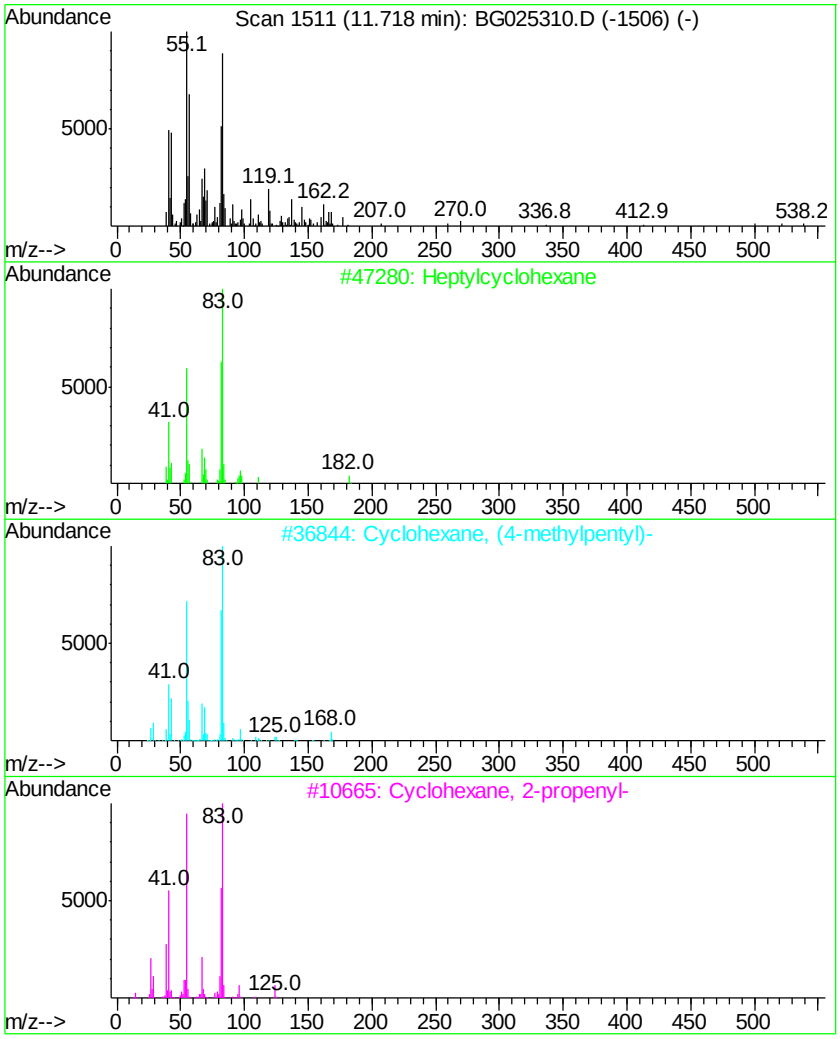
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

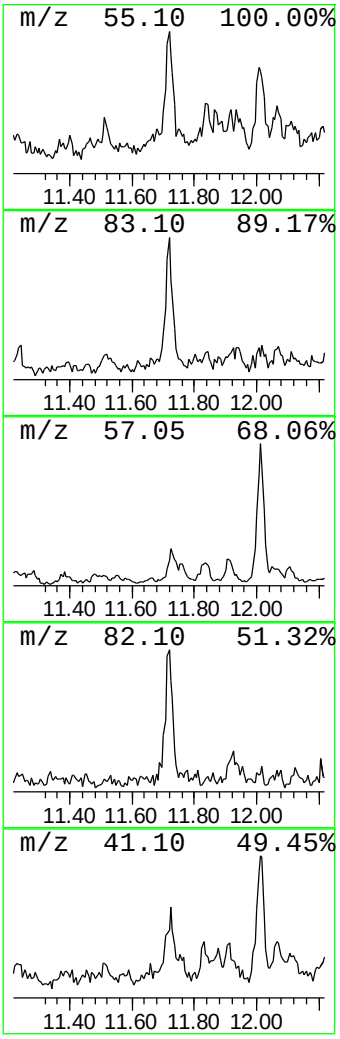
****

Peak Number 35 (DEL) Alkane: Cyclic11.72 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	14.79 ng/ul	434381	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	50
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	47
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	47





Library Search Compound Report

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Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

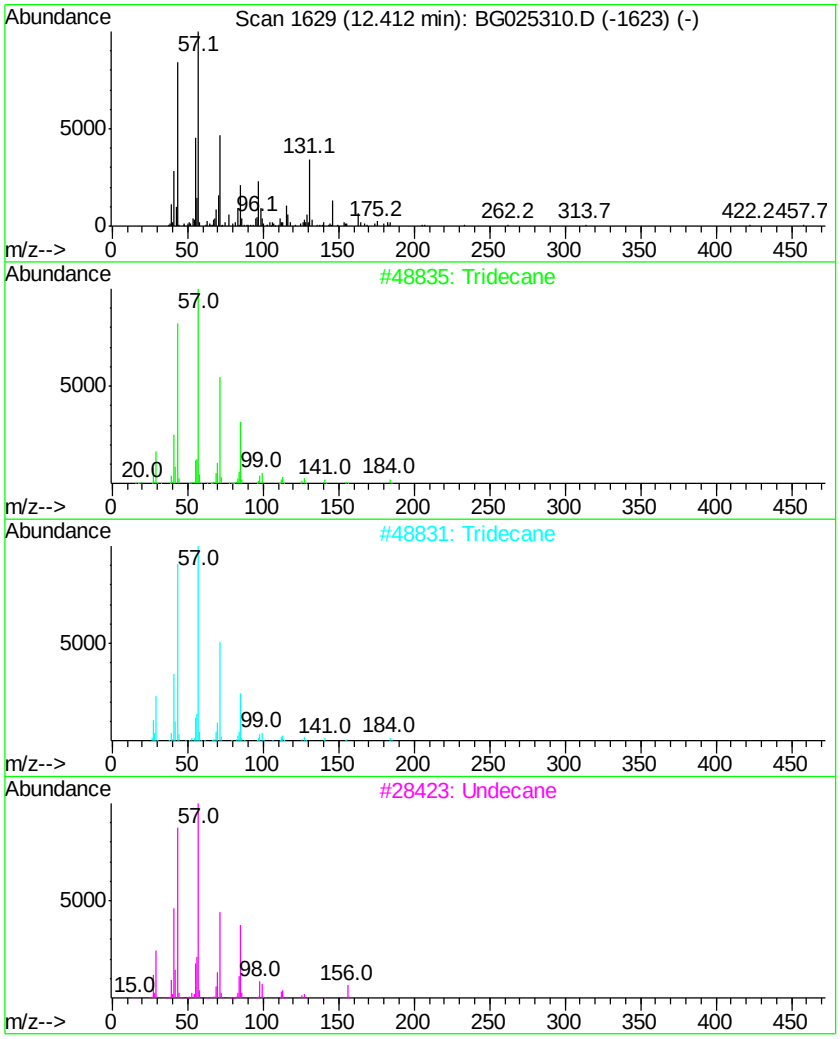
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

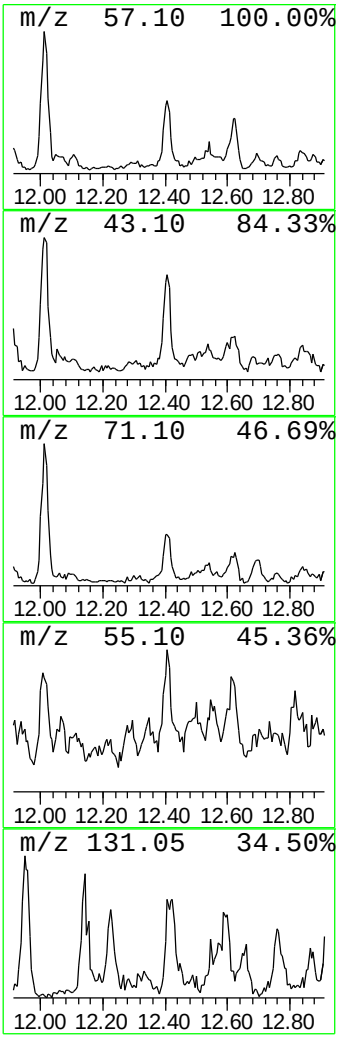
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	14.25 ng/ul	418416	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	55
2	Tridecane	184	C13H28	000629-50-5	53
3	Undecane	156	C11H24	001120-21-4	50
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	50
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

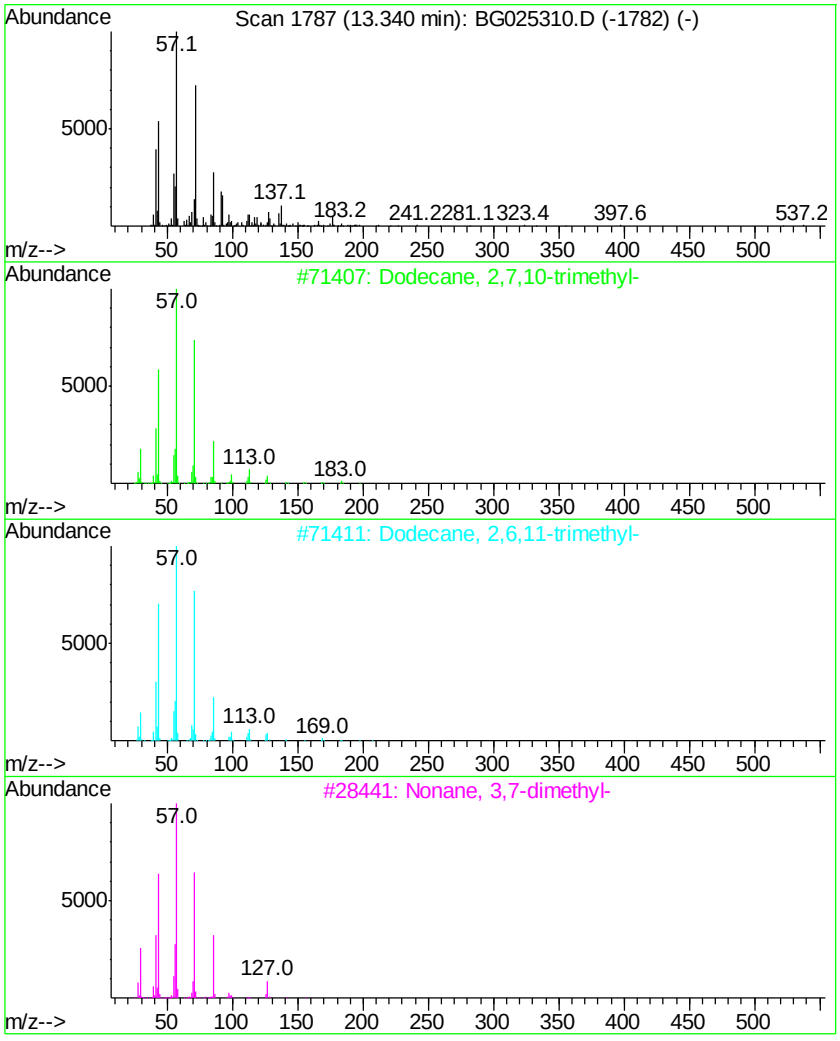
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

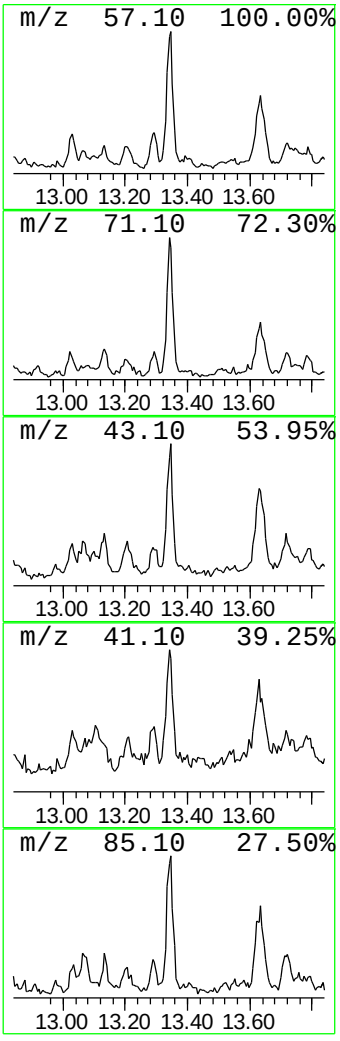
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	26.92 ng/ul	925551	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	68
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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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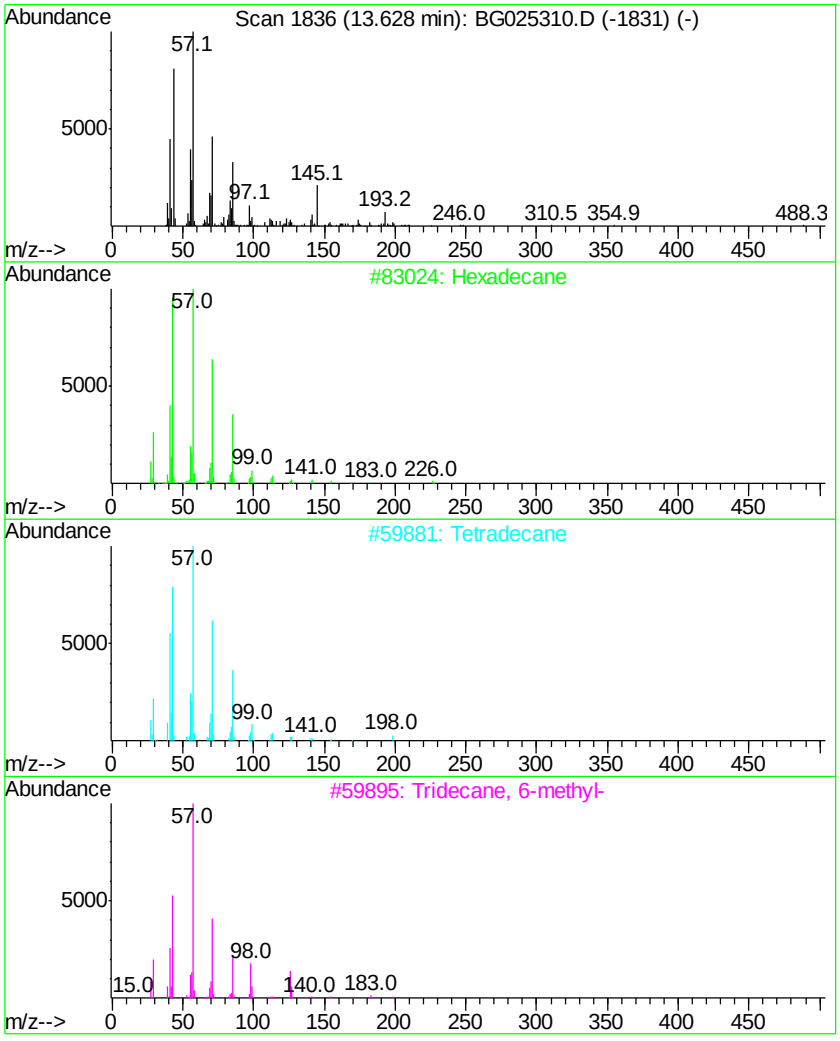
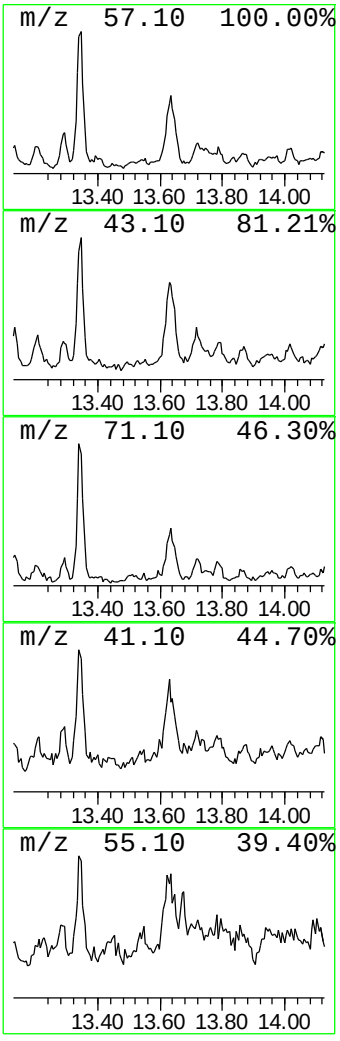
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	14.58 ng/ul	501465	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Tetradecane	198	C14H30	000629-59-4	64
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
4	Hexadecane	226	C16H34	000544-76-3	59
5	Nonadecane	268	C19H40	000629-92-5	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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

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

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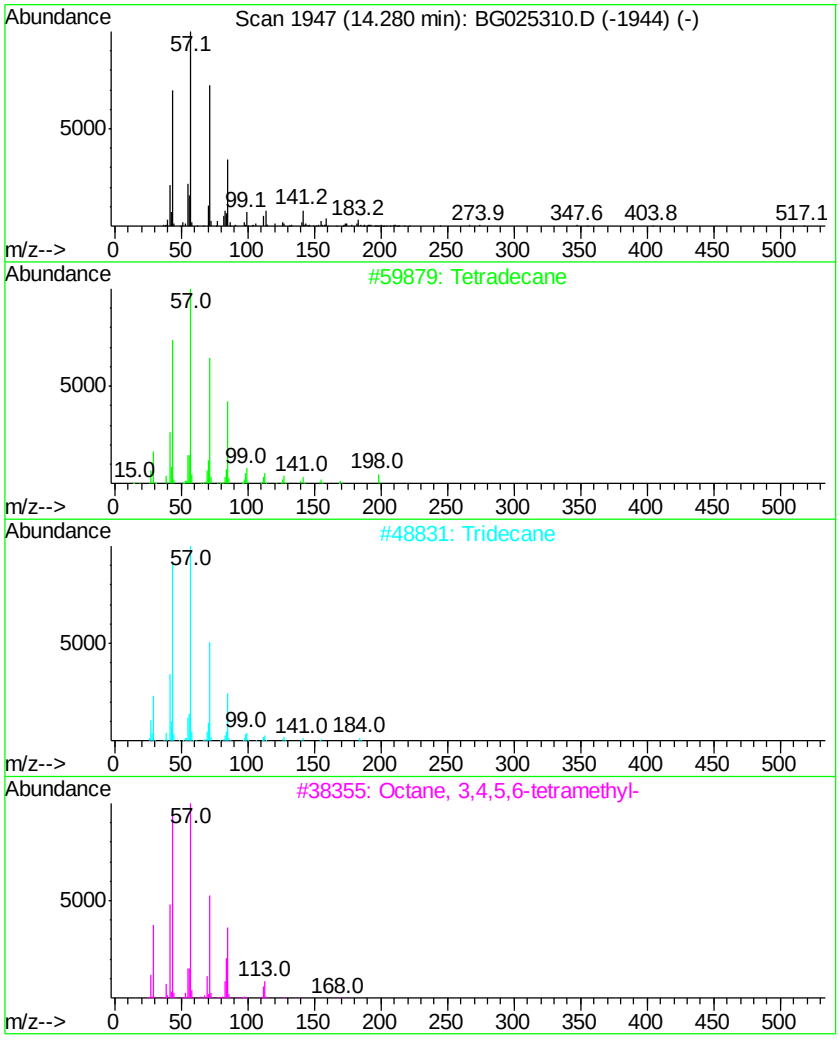
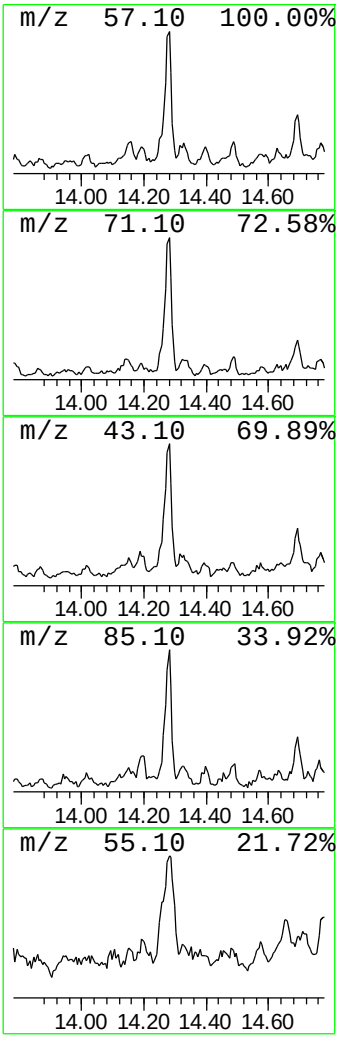
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	24.21 ng/ul	832597	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tridecane	184	C13H28	000629-50-5	78
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
4	Decane, 2-methyl-	156	C11H24	006975-98-0	64
5	Nonadecane	268	C19H40	000629-92-5	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

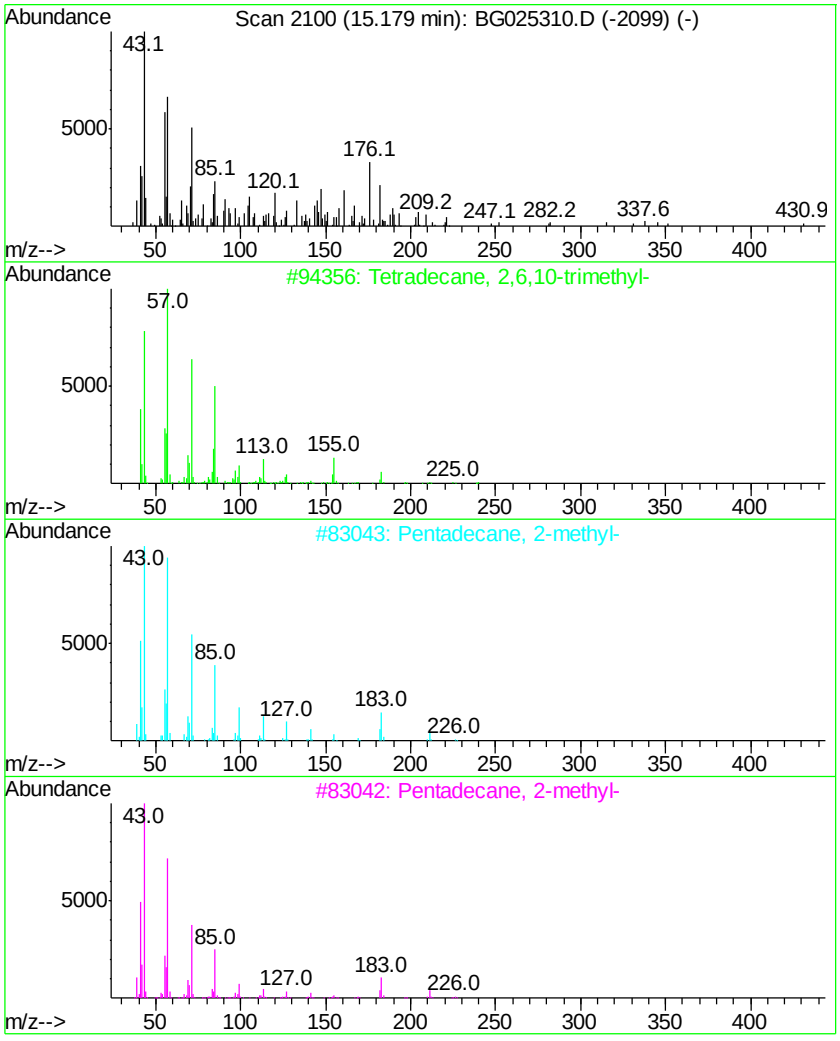
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

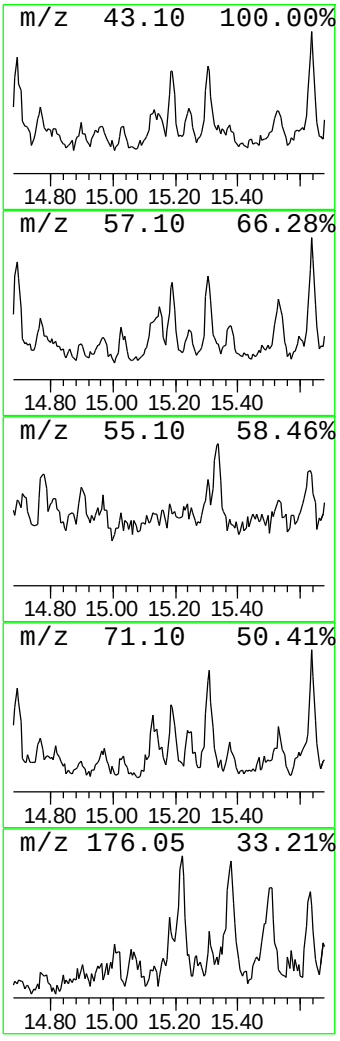
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	4.22 ng/ul	145079	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	89
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	80
3	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	72
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
5	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

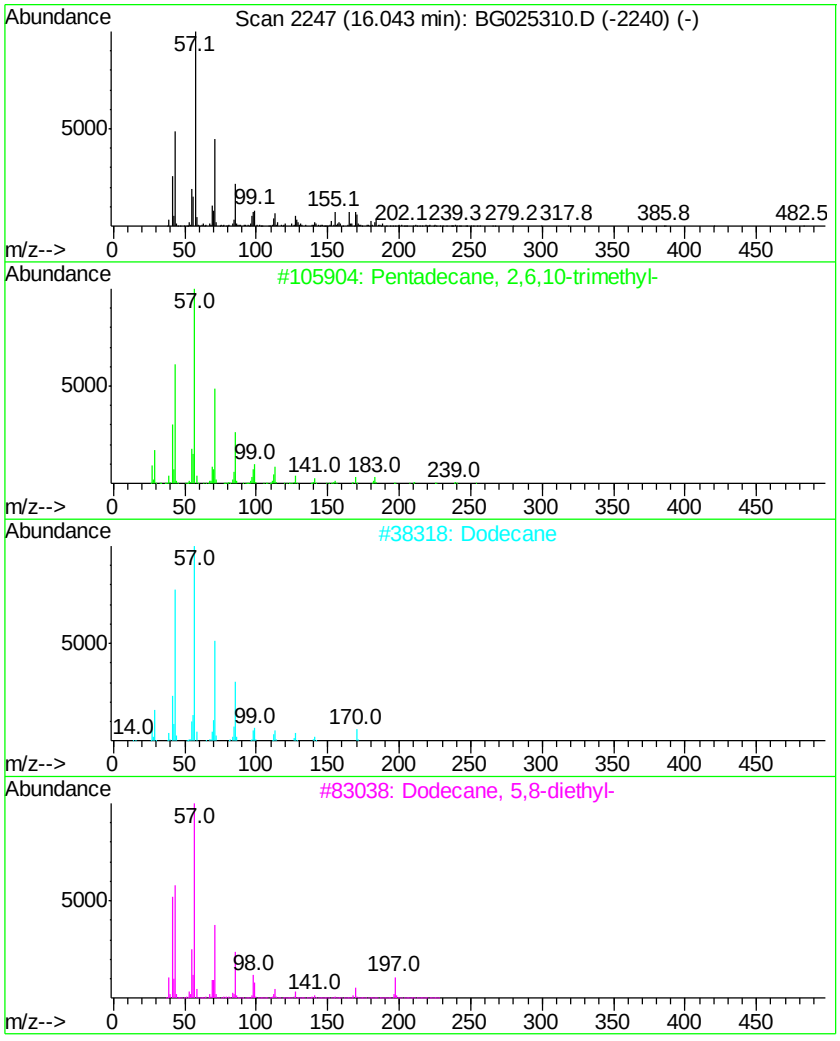
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

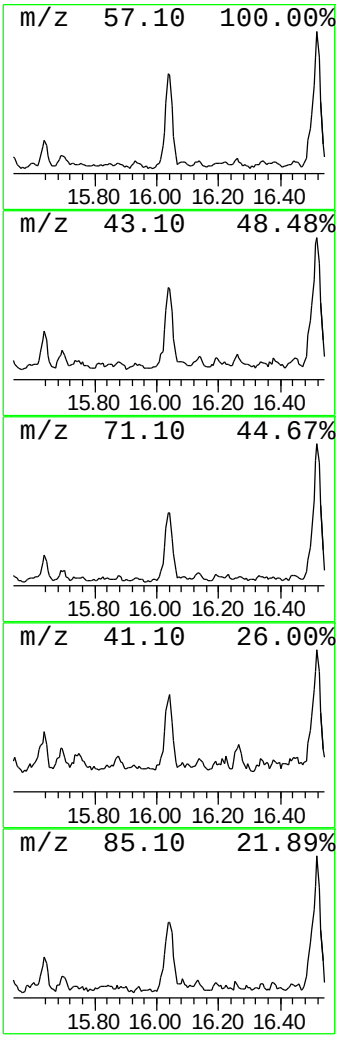
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	40.21 ng/ul	1382510	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	89
2	Dodecane	170	C12H26	000112-40-3	81
3	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	81
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	74
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70





Library Search Compound Report

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Data File : BG025310.D
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Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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

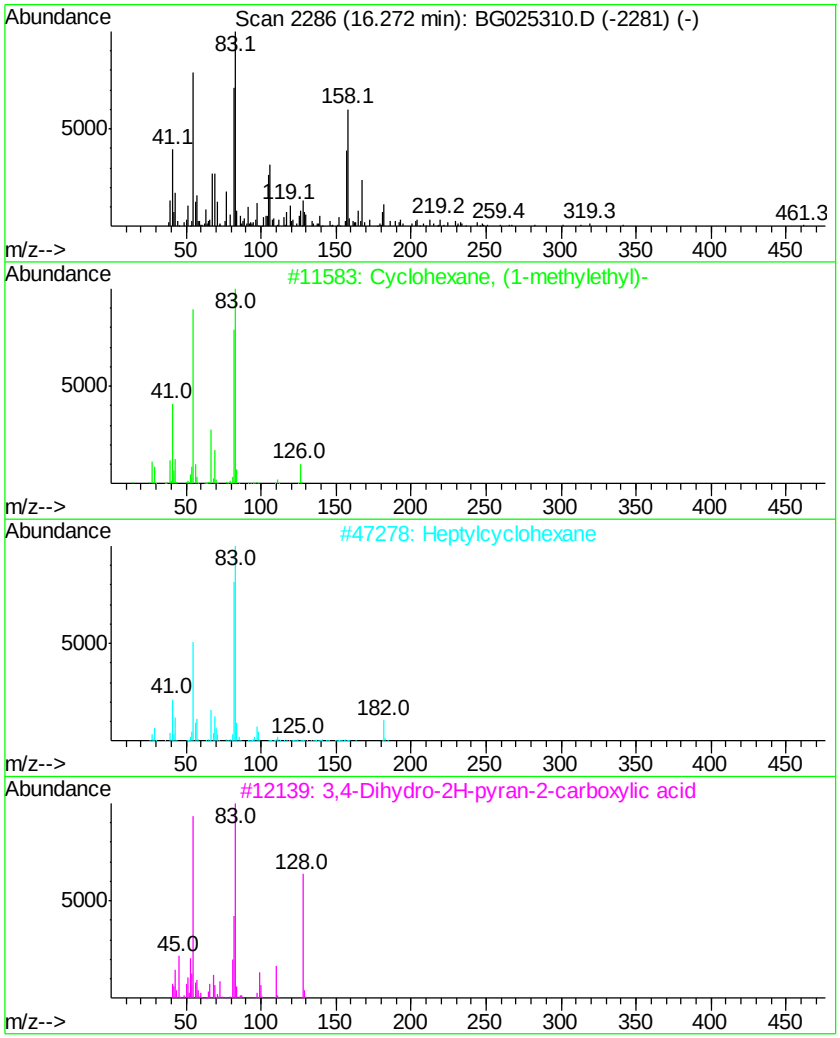
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

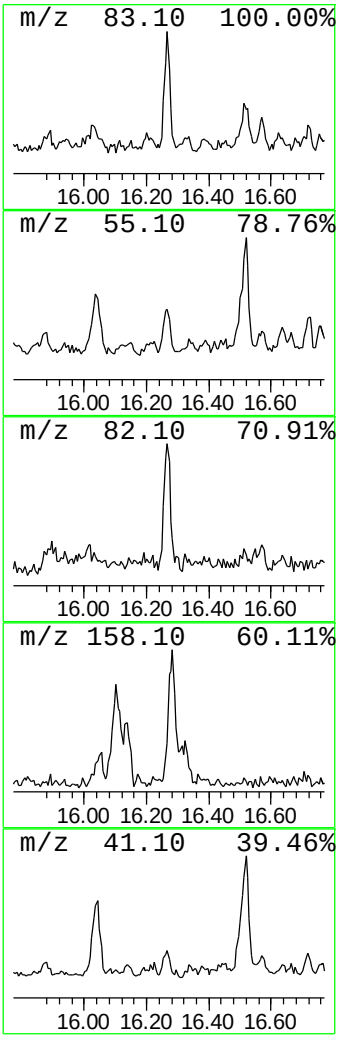
****

Peak Number 69 (DEL) Alkane: Cyclic16.27 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	9.64 ng/ul	446820	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	42
2	Heptylcyclohexane	182	C13H26	005617-41-4	38
3	3,4-Dihydro-2H-pyran-2-carboxyli...	128	C6H8O3	1000132-10-4	35
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	30
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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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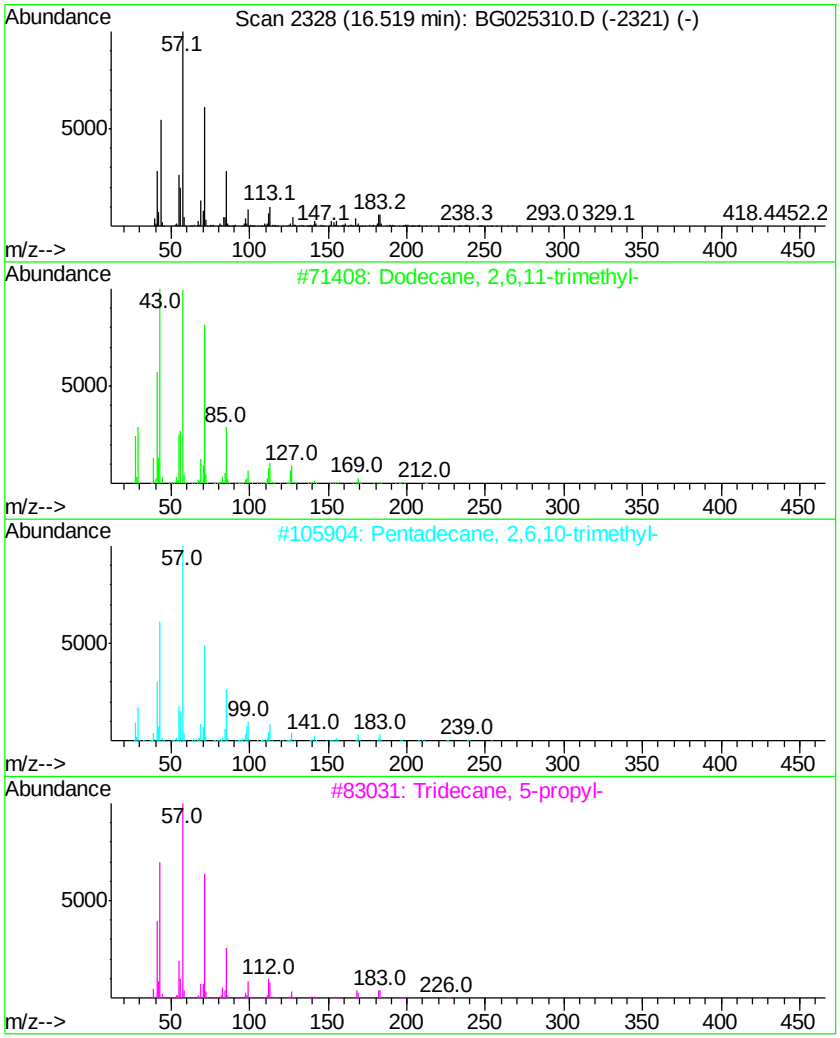
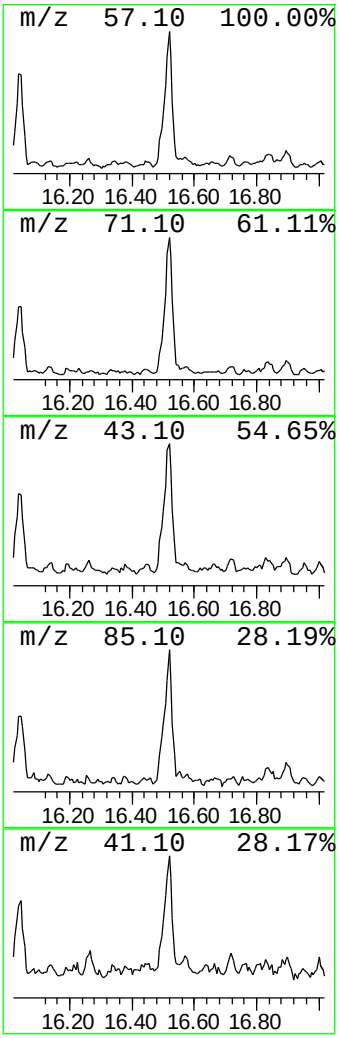
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	58.01 ng/ul	2690400	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	81
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	81
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	76
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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

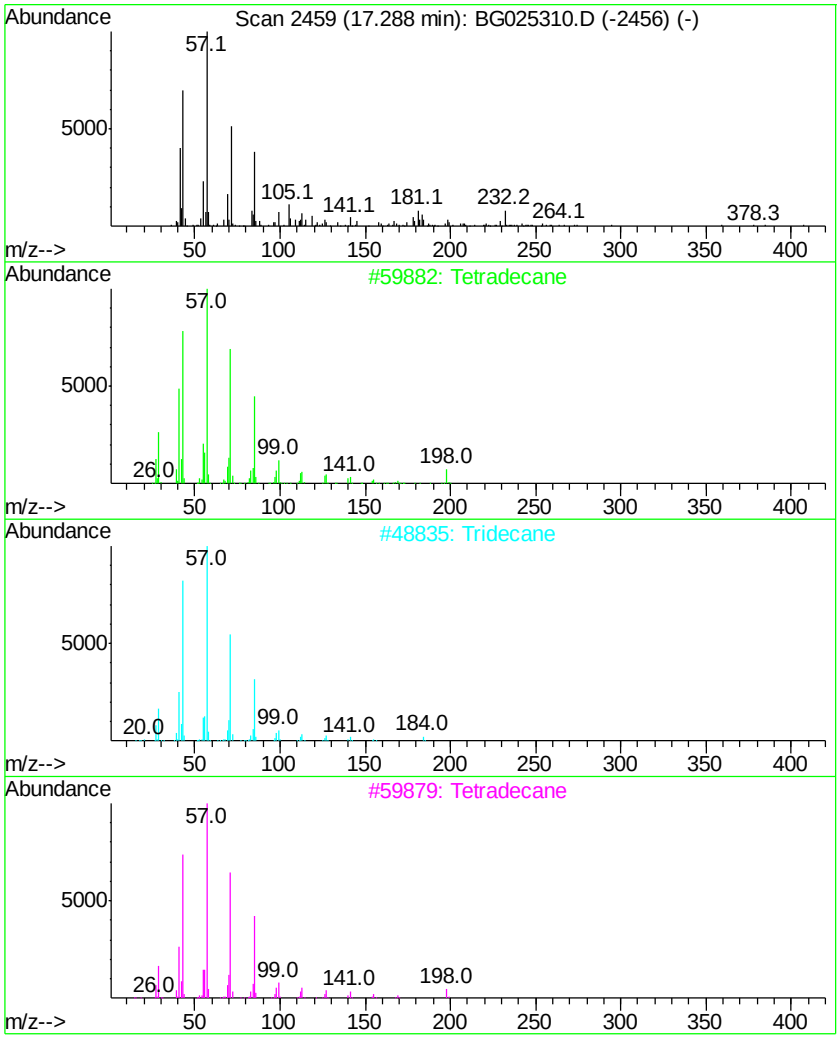
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

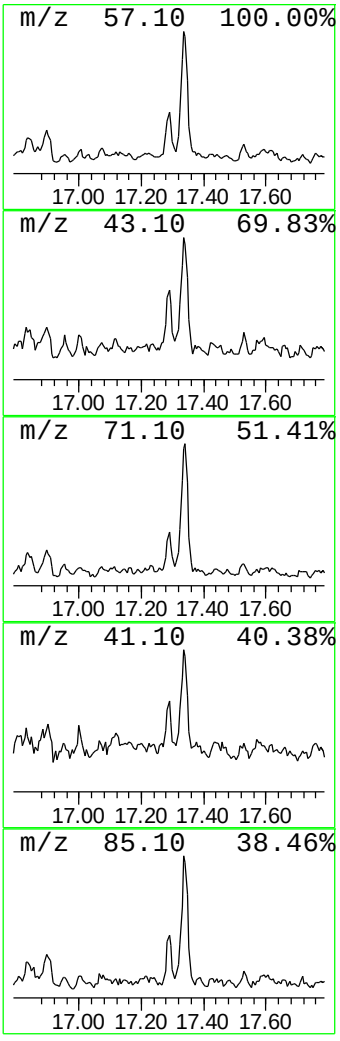
****

Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	4.25 ng/ul	197082	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Tridecane	184	C13H28	000629-50-5	81
3	Tetradecane	198	C14H30	000629-59-4	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane	184	C13H28	000629-50-5	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

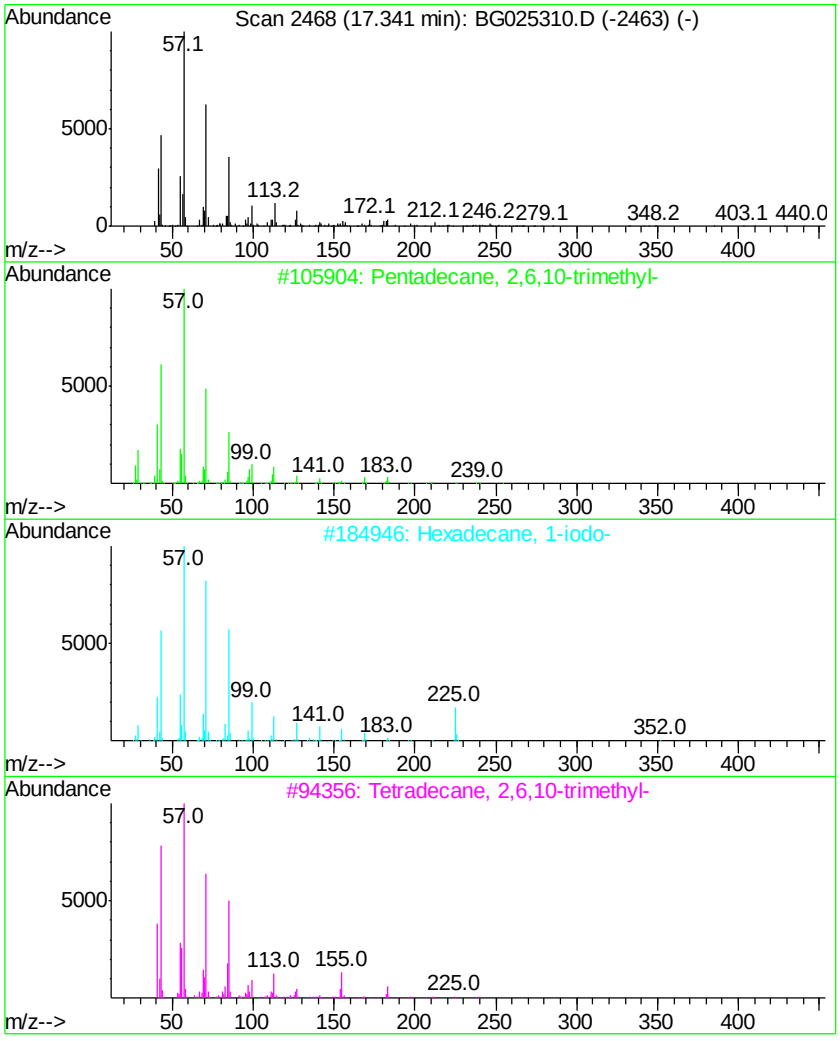
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

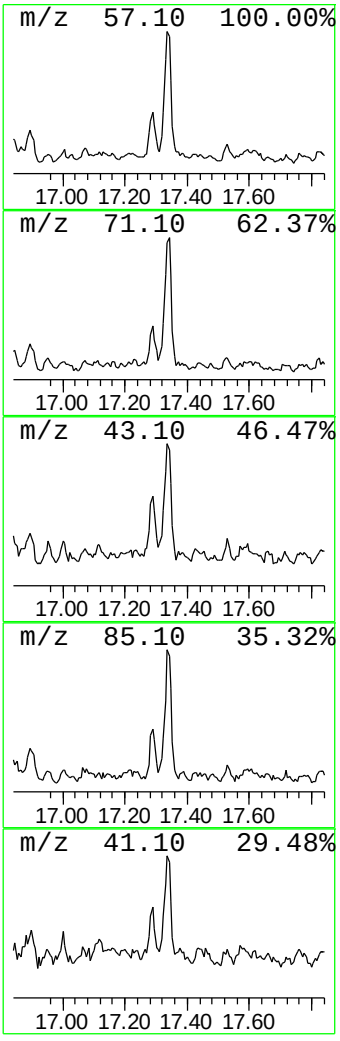
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	19.83 ng/ul	919791	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81
4	Pentadecane	212	C15H32	000629-62-9	80
5	Octacosane	394	C28H58	000630-02-4	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

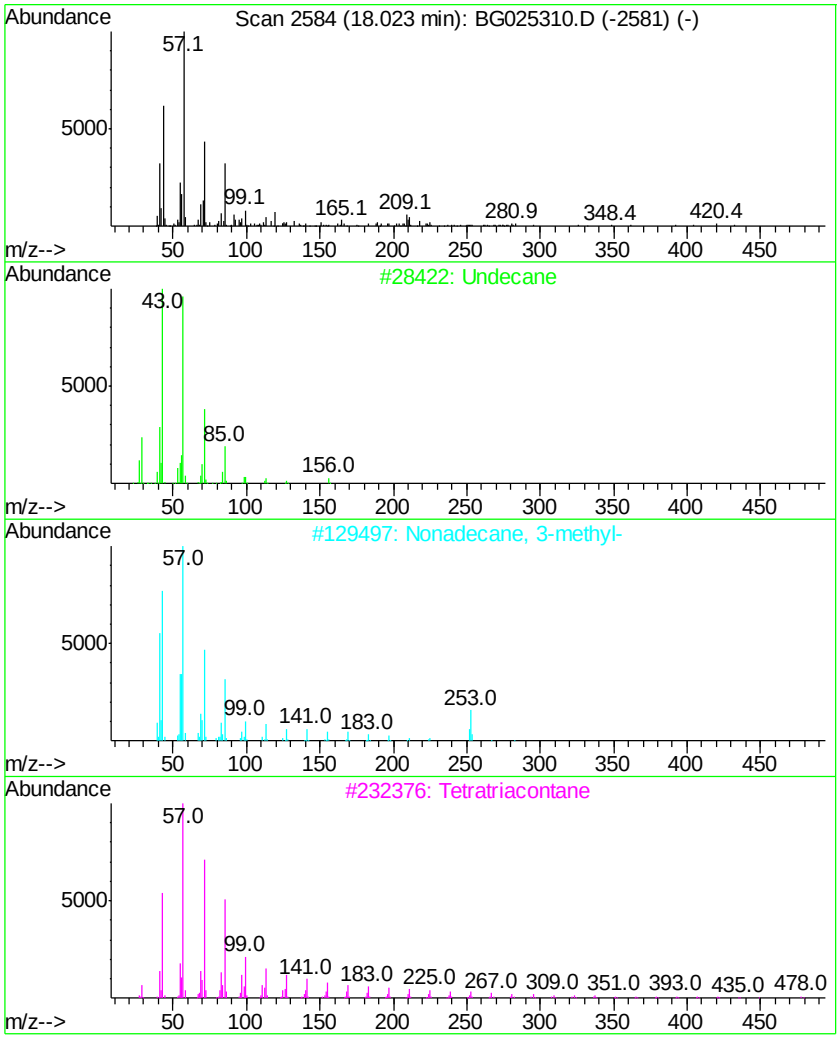
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

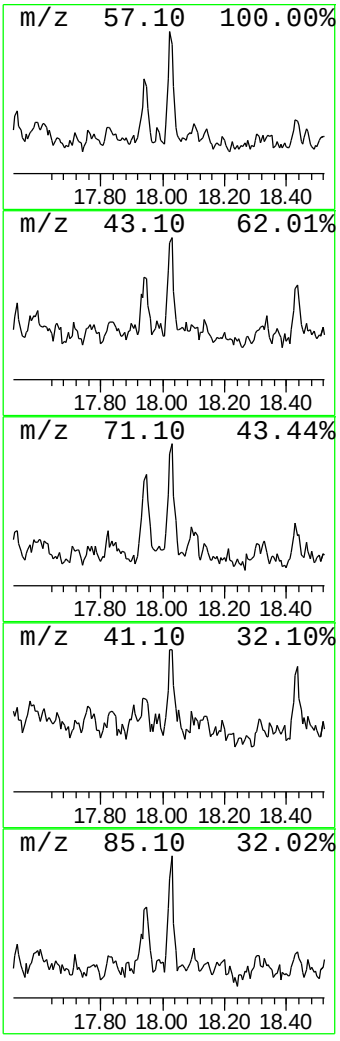
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	7.07 ng/ul	327722	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	74
2	Nonadecane, 3-methyl-	282	C20H42	006418-45-7	72
3	Tetratriacontane	479	C34H70	014167-59-0	72
4	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	64
5	Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

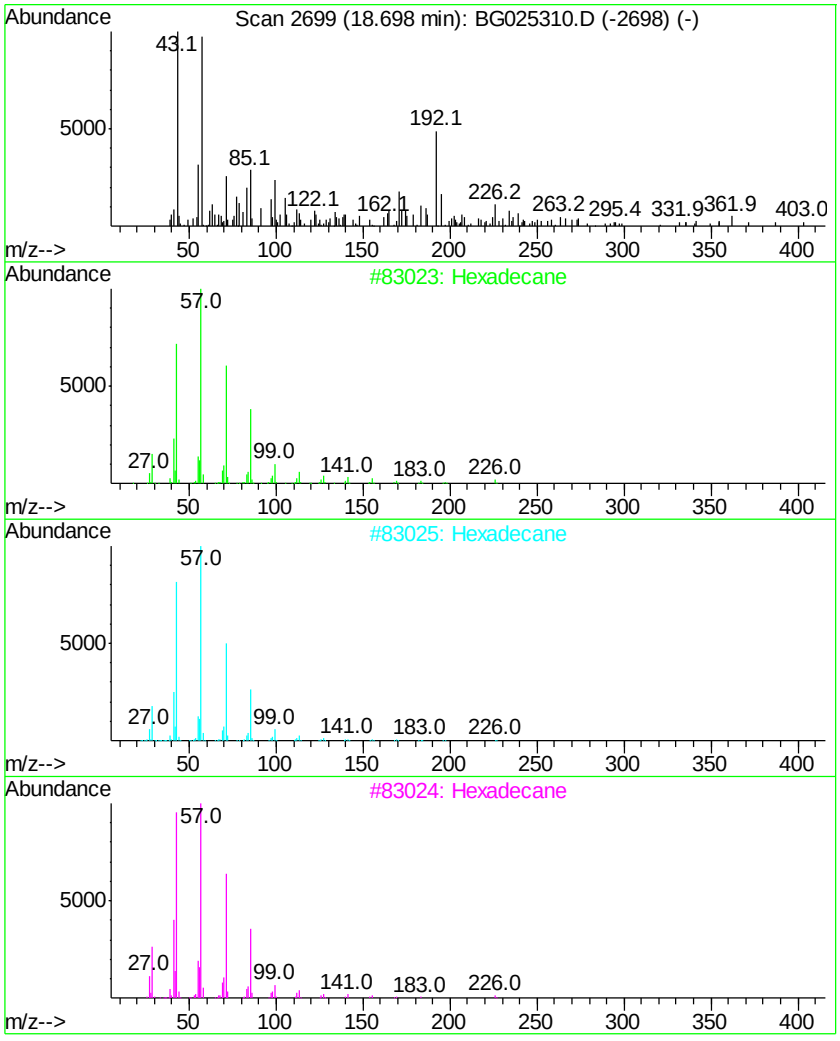
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

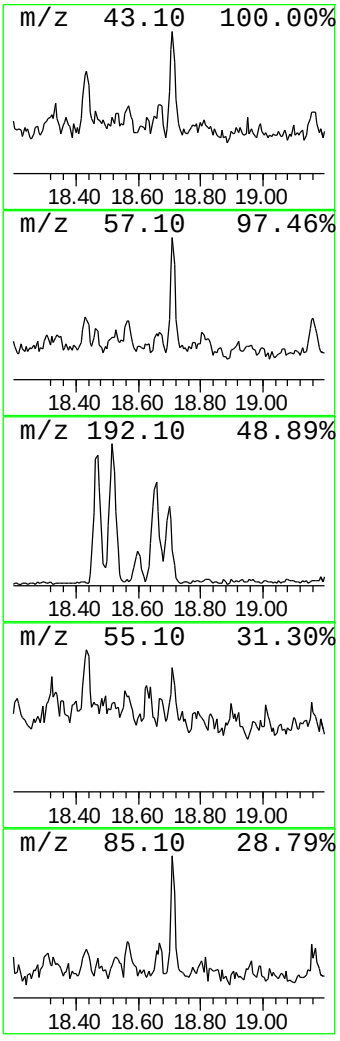
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 78 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	6.78 ng/ul	314545	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	Hexadecane	226	C16H34	000544-76-3	81
3	Hexadecane	226	C16H34	000544-76-3	72
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025310.D
Acq On : 18 Dec 2016 14:31
Operator : UM/SJ
Sample : H5995-14DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA882DL

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
1,1-Dicyanoethane	7.34	2.5	ng/ul	62628	1	8.23	491846	20.0
(DEL) Alkane: Str...	7.80	2.3	ng/ul	56609	1	8.23	491846	20.0
Benzene, 1,2,3-tr...	7.86	5.3	ng/ul	129026	1	8.23	491846	20.0
(DEL) Alkane: Str...	8.16	2.5	ng/ul	60667	1	8.23	491846	20.0
Benzene, (1-methy...	8.34	5.3	ng/ul	130921	1	8.23	491846	20.0
2-Cyclopenten-1-o...	8.51	4.6	ng/ul	113142	1	8.23	491846	20.0
unknown-01	8.77	4.9	ng/ul	120308	1	8.23	491846	20.0
1,4-Cyclohexadien...	8.85	9.3	ng/ul	227443	1	8.23	491846	20.0
Benzene, 2-ethyl-...	9.17	2.6	ng/ul	63513	1	8.23	491846	20.0
Benzene, 1-methyl...	9.22	2.3	ng/ul	55430	1	8.23	491846	20.0
o-Cymene	9.32	10.3	ng/ul	253736	1	8.23	491846	20.0
unknown-02	9.58	8.1	ng/ul	200303	1	8.23	491846	20.0
Phenol, 2,3-dimet...	9.67	6.2	ng/ul	180948	2	11.06	587376	20.0
1H-Indazole, 3-me...	9.71	4.7	ng/ul	136759	2	11.06	587376	20.0
Benzofuran, 2-met...	9.78	8.6	ng/ul	253879	2	11.06	587376	20.0
unknown-03	9.84	3.9	ng/ul	115589	2	11.06	587376	20.0
1,3-Cyclopentadie...	9.91	3.8	ng/ul	110252	2	11.06	587376	20.0
unknown-04	9.95	2.6	ng/ul	75224	2	11.06	587376	20.0
(DEL) Alkane: Cyc...	10.14	7.0	ng/ul	204628	2	11.06	587376	20.0
Benzene, (2-methy...	10.44	11.1	ng/ul	326276	2	11.06	587376	20.0
Phenol, 3-ethyl-	10.49	16.0	ng/ul	469601	2	11.06	587376	20.0
Benzene, 1-methox...	10.53	12.3	ng/ul	359776	2	11.06	587376	20.0
unknown-05	10.60	2.5	ng/ul	73352	2	11.06	587376	20.0
Phenol, 4-ethyl-	10.68	5.1	ng/ul	149384	2	11.06	587376	20.0
Benzene, 1,3-diet...	10.73	3.1	ng/ul	92167	2	11.06	587376	20.0
Phenol, 2-ethyl-4...	10.87	4.4	ng/ul	129620	2	11.06	587376	20.0
Phenol, 2,6-dimet...	10.92	4.6	ng/ul	133939	2	11.06	587376	20.0
(DEL) Alkane: Str...	10.97	4.9	ng/ul	145161	2	11.06	587376	20.0
1H-Pyrazole, 4,5-...	11.29	8.3	ng/ul	242631	2	11.06	587376	20.0
(DEL) Alkane: Cyc...	11.72	14.8	ng/ul	434381	2	11.06	587376	20.0
(DEL) Alkane: Str...	12.41	14.3	ng/ul	418416	2	11.06	587376	20.0
(DEL) Alkane: Str...	13.34	26.9	ng/ul	925551	3	14.86	687673	20.0
(DEL) Alkane: Str...	13.63	14.6	ng/ul	501465	3	14.86	687673	20.0
(DEL) Alkane: Str...	14.28	24.2	ng/ul	832597	3	14.86	687673	20.0
(DEL) Alkane: Str...	15.18	4.2	ng/ul	145079	3	14.86	687673	20.0
(DEL) Alkane: Str...	16.04	40.2	ng/ul	1382510	3	14.86	687673	20.0
(DEL) Alkane: Cyc...	16.27	9.6	ng/ul	446820	4	17.60	927493	20.0
(DEL) Alkane: Str...	16.52	58.0	ng/ul	2690400	4	17.60	927493	20.0
(DEL) Alkane: Str...	17.29	4.3	ng/ul	197082	4	17.60	927493	20.0
(DEL) Alkane: Str...	17.34	19.8	ng/ul	919791	4	17.60	927493	20.0
(DEL) Alkane: Str...	18.02	7.1	ng/ul	327722	4	17.60	927493	20.0
(DEL) Alkane: Str...	18.70	6.8	ng/ul	314545	4	17.60	927493	20.0