LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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	5.837	502	510	522	rBV	470723	1118334	13.55%	0.475%
2	7.376	764	772	779	rVV3	420487	1091392	13.22%	0.463%
3	7.870	851	856	865	rVV	594795	1022865	12.39%	0.434%
4	8.234	911	918	927	rVB3	416674	769202	9.32%	0.327%
5	8.869	1017	1026	1031	rBV3	338971	765554	9.27%	0.325%
6	8.939	1031	1038	1044	rVB2	509645	973580	11.79%	0.413%
7	9.421	1113	1120	1128	rVB3	692475	1547038	18.74%	0.657%
8	9.597	1140	1150	1156	rVB2	329081	756298	9.16%	0.321%
9	9.715	1164	1170	1177	rVV2	634801	1484575	17.98%	0.630%
10	9.785	1177	1182	1191	rVB	1586203	2859284	34.63%	1.214%
11	10.138	1228	1242	1250	rBV5	448131	1247026	15.11%	0.530%
12	10.220	1250	1256	1264	rVV4	349379	1070971	12.97%	0.455%
13	10.479	1288	1300	1305	rBV5	887182	2925970	35.44%	1.243%
14	10.684	1328	1335	1341	rBV3	1178876	2187835	26.50%	0.929%
15	10.878	1361	1368	1381	rBV8	589474	1856228	22.48%	0.788%
16	10.984	1381	1386	1390	rBV	413534	801520	9.71%	0.340%
17	11.119	1403	1409	1415	rVB	1571276	2803659	33.96%	1.191%
18	11.201	1417	1423	1428	rBV3	719548	1392503	16.87%	0.591%
19	11.295	1434	1439	1453	rVB4	1237093	4311410	52.22%	1.831%
20	11.425	1453	1461	1464	rVV2	1870558	3637464	44.06%	1.545%
21	11.466	1464	1468	1475	rVV	3717354	7358834	89.14%	3.125%
22	11.536	1475	1480	1484	rVV	1272484	2249916	27.25%	0.955%
23	11.583	1484	1488	1493	rVV	575745	1010738	12.24%	0.429%
24	11.642	1493	1498	1506	rVV6	457095	1066138	12.91%	0.453%
25	11.818	1521	1528	1532	rBV	526916	917730	11.12%	0.390%
26	11.871	1532	1537	1546	rVV2	2036495	3746670	45.38%	1.591%
27	12.065	1564	1570	1574	rBV4	1004408	1933488	23.42%	0.821%
28	12.259	1596	1603	1609	rVB2	1122311	2836716	34.36%	1.205%
29	12.371	1616	1622	1626	rVB4	471202	921606	11.16%	0.391%
30	12.423	1626	1631	1642	rVB3	938389	2357923	28.56%	1.001%
31	12.588	1653	1659	1668	rVB5	1173729	3327722	40.31%	1.413%
32	12.711	1674	1680	1683	rBV	4727945	8255658	100.00%	3.506%
33	12.747	1684	1686	1690	rVB	1564861	1840258	22.29%	0.781%
34	12.829	1696	1700	1704	rBV2	1203639	2061920	24.98%	0.876%

LSC Area Percent Report

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Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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

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

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

35	12.923	1711	1716	1723	rVB	3025568	5555903	67.30%	2.359%
36	13.011	1724	1731	1735	rBV	1856496	3643817	44.14%	1.547%
37	13.052	1735	1738	1741	rVV2	1110319	1589072	19.25%	0.675%
38	13.099	1741	1746	1760	rVB9	1172345	3456458	41.87%	1.468%
39	13.211	1760	1765	1769	rBV4	1196939	1952401	23.65%	0.829%
40	13.269	1770	1775	1780	rBV2	1221828	2278993	27.61%	0.968%
41	13.346	1784	1788	1793	rVB3	661871	956571	11.59%	0.406%
42	13.399	1794	1797	1801	rVB2	682074	952048	11.53%	0.404%
43	13.458	1802	1807	1815	rVB6	528514	1201768	14.56%	0.510%
44	13.581	1815	1828	1833	rBV5	1486284	5363356	64.97%	2.278%
45	13.646	1833	1839	1844	rVV6	1605617	2870627	34.77%	1.219%
46	13.693	1844	1847	1851	rVB	843758	1120566	13.57%	0.476%
47	13.740	1852	1855	1860	rVB3	490014	812938	9.85%	0.345%
48	13.810	1860	1867	1876	rBV2	800653	3176339	38.47%	1.349%
49	13.892	1876	1881	1889	rBV4	1140470	2745375	33.25%	1.166%
50	14.022	1896	1903	1904	rBV5	1559125	2731094	33.08%	1.160%
51	14.180	1920	1930	1935	rBV3	2317394	5249019	63.58%	2.229%
52	14.239	1935	1940	1947	rVB3	2838077	5626758	68.16%	2.389%
53	14.298	1948	1950	1954	rVB	680506	909370	11.02%	0.386%
54	14.421	1966	1971	1976	rBV3	779409	1286731	15.59%	0.546%
55	14.497	1981	1984	1988	rVB3	927664	1216944	14.74%	0.517%
56	14.562	1988	1995	2002	rBV5	1604121	4692450	56.84%	1.993%
57	14.633	2003	2007	2012	rVB2	1468762	2047816	24.81%	0.870%
58	14.709	2016	2020	2024	rVB	2792466	3641455	44.11%	1.546%
59	14.821	2034	2039	2043	rBV	2150529	3384504	41.00%	1.437%
60	14.868	2044	2047	2049	rBV2	593736	766944	9.29%	0.326%
61	14.897	2050	2052	2069	rVB7	1402973	2996080	36.29%	1.272%
62	15.050	2074	2078	2080	rBV4	520616	897860	10.88%	0.381%
63	15.085	2080	2084	2090	rVB6	1197494	1970265	23.87%	0.837%
64	15.150	2091	2095	2104	rVB4	759409	1515495	18.36%	0.644%
65	15.244	2105	2111	2119	rVB5	985924	2676369	32.42%	1.137%
66	15.320	2120	2124	2128	rBV3	665926	896933	10.86%	0.381%
67	15.461	2143	2148	2153	rBV8	752698	1656039	20.06%	0.703%
68	15.520	2153	2158	2166	rVB4	1523530	2870866	34.77%	1.219%
69	15.590	2166	2170	2172	rBV2	2003322	2765029	33.49%	1.174%
70	15.655	2177	2181	2185	rVB	3302056	4125532	49.97%	1.752%
71	15.849	2210	2214	2217	rVV	1225140	1908038	23.11%	0.810%

LSC Area Percent Report

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Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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

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Peak separation: 1

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

72	15.890	2217	2221	2231	rVV3	1428820	3260047	39.49%	1.384%
73	15.966	2231	2234	2241	rVB4	780135	1203473	14.58%	0.511%
74	16.278	2283	2287	2290	rBV4	484448	842513	10.21%	0.358%
75	16.454	2310	2317	2322	rVB3	2213231	3836037	46.47%	1.629%
76	16.513	2322	2327	2331	rBV	4497684	6402221	77.55%	2.719%
77	16.730	2360	2364	2369	rVB	1820904	2215390	26.83%	0.941%
78	16.818	2374	2379	2384	rVB2	1720487	2354363	28.52%	1.000%
79	16.883	2386	2390	2396	rBV5	375762	778412	9.43%	0.331%
80	17.253	2449	2453	2457	rBV2	1568255	2197772	26.62%	0.933%
81	17.300	2457	2461	2471	rVB	4022396	5948004	72.05%	2.526%
82	17.441	2480	2485	2489	rVB2	549183	827400	10.02%	0.351%
83	17.606	2507	2513	2517	rBV	1010413	1526292	18.49%	0.648%
84	17.700	2524	2529	2537	rVB2	1362852	2253672	27.30%	0.957%
85	17.999	2575	2580	2583	rVV	1155926	1644795	19.92%	0.698%
86	18.040	2583	2587	2599	rVB	3112368	4879024	59.10%	2.072%
87	18.217	2613	2617	2623	rVB	954577	1091119	13.22%	0.463%
88	18.687	2693	2697	2700	rBV	1275670	1476175	17.88%	0.627%
89	18.722	2700	2703	2721	rVB	2514782	3604923	43.67%	1.531%
90	19.315	2800	2804	2806	rBV	663497	781445	9.47%	0.332%
91	19.345	2806	2809	2817	rVB	1838567	2356893	28.55%	1.001%
92	19.885	2898	2901	2904	rBV	999388	1342851	16.27%	0.570%
93	19.915	2904	2906	2911	rVV	1364613	1489935	18.05%	0.633%
94	19.973	2911	2916	2924	rVB	1753494	3084128	37.36%	1.310%
95	20.438	2987	2995	3007	rVB2	1018855	2244726	27.19%	0.953%
96	20.919	3072	3077	3092	rVB2	805198	1798892	21.79%	0.764%
97	21.460	3165	3169	3180	rVB2	433455	762474	9.24%	0.324%
98	21.889	3236	3242	3253	rVB	1340638	2337609	28.32%	0.993%
99	25.062	3773	3782	3797	rVB2	828233	2568114	31.11%	1.091%
100	25.308	3814	3824	3839	rVB	758440	2360173	28.59%	1.002%

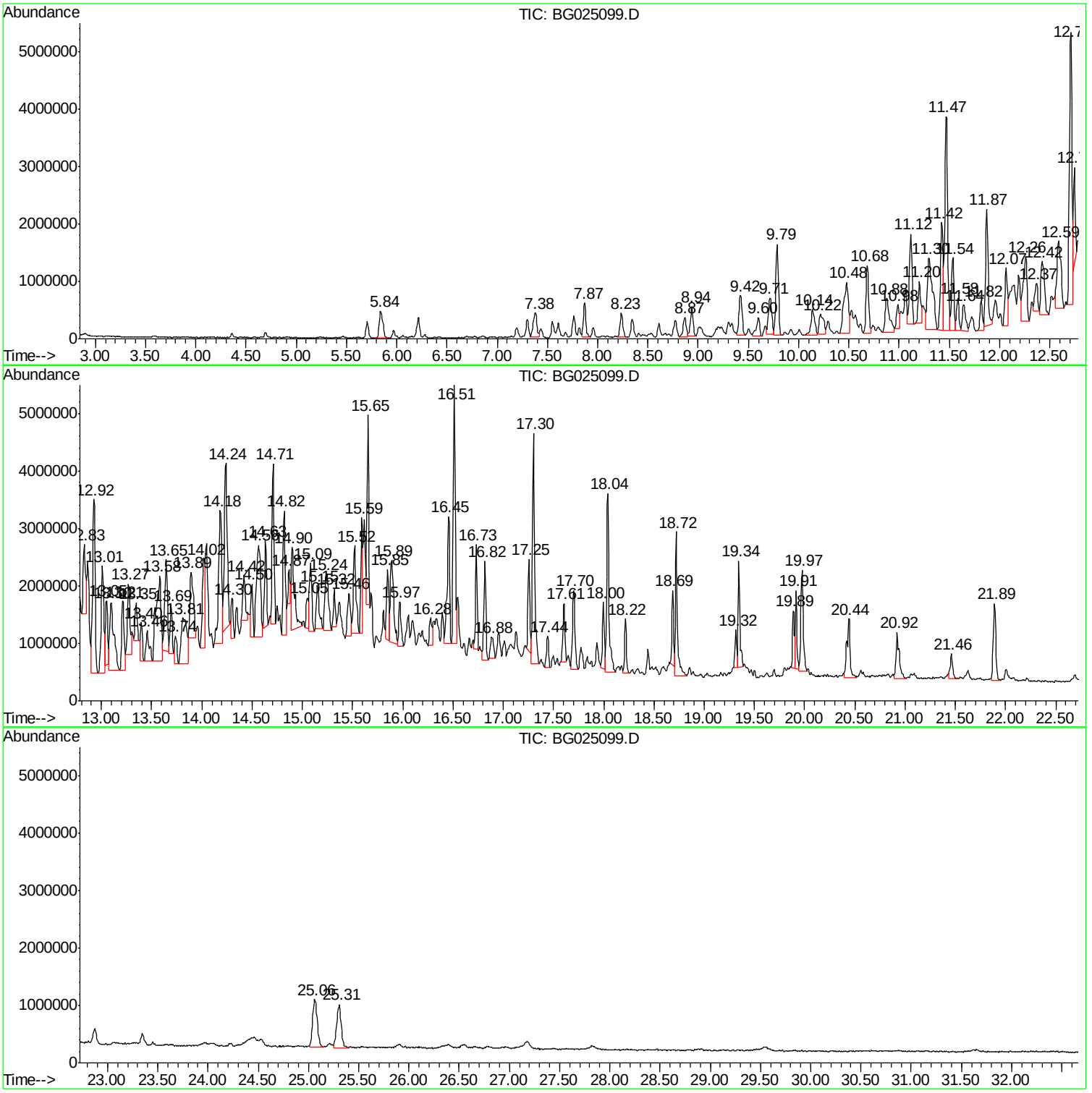
Sum of corrected areas: 235484720

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA820

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

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025099.D
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Instrument : BNA_G
ClientSampleId : DA820

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

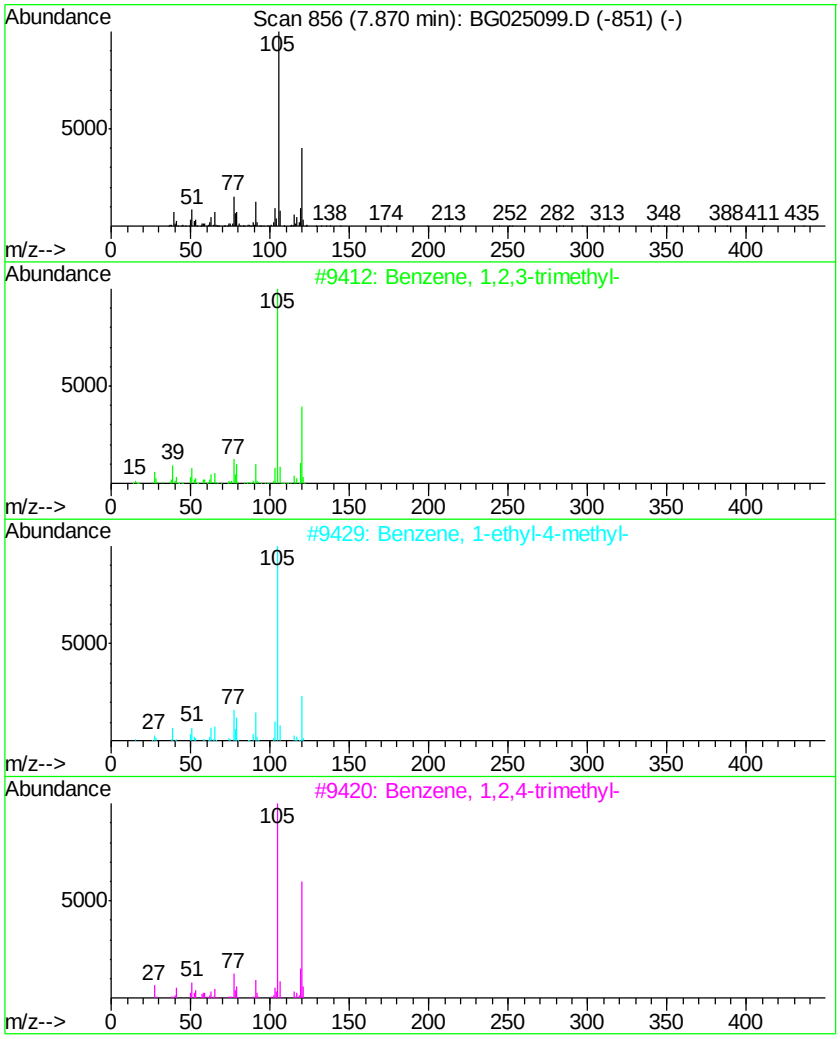
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

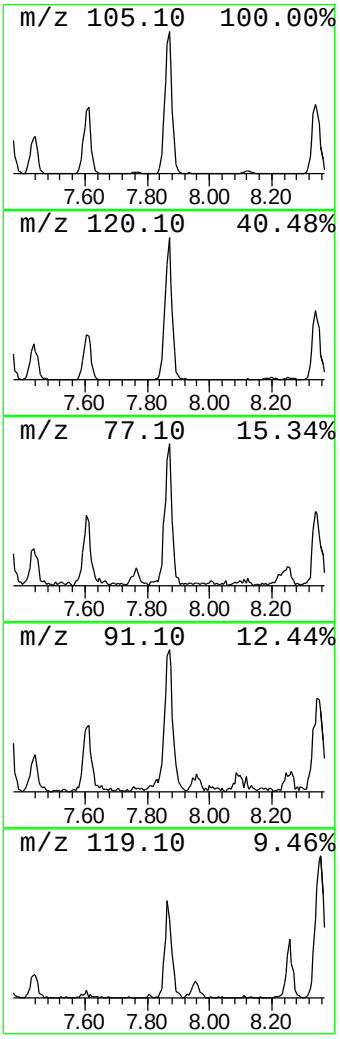
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	26.60 ng/ul	1022870	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-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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

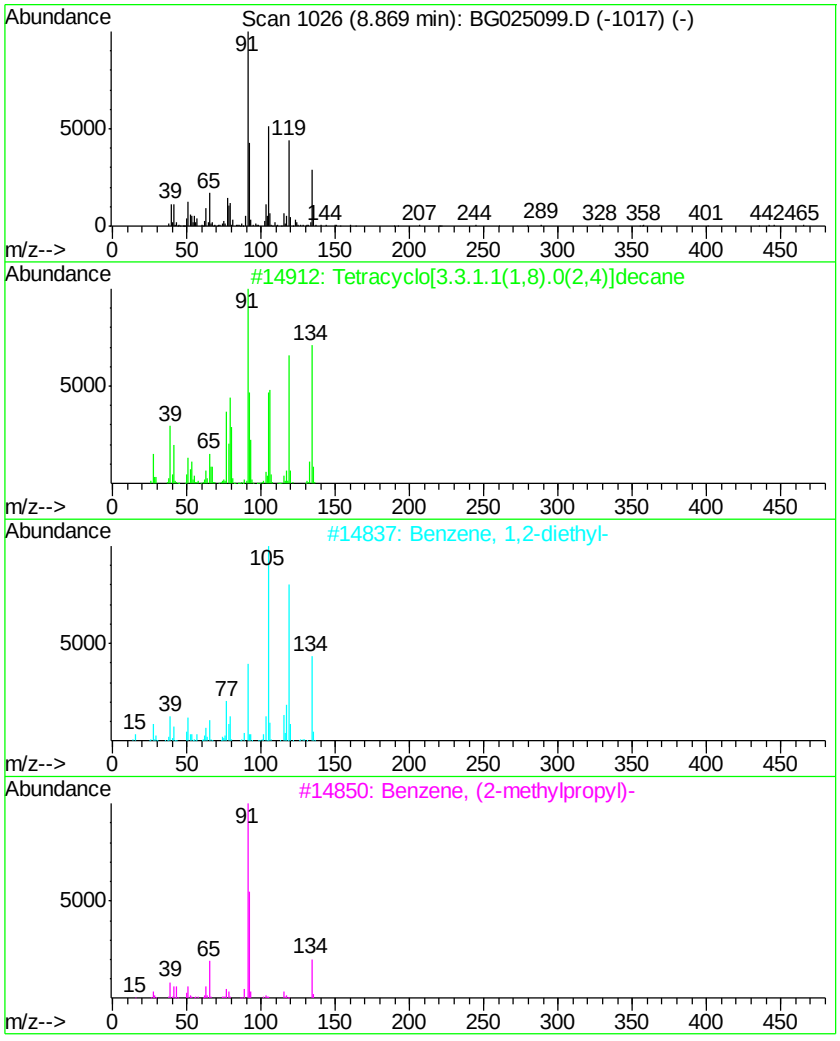
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

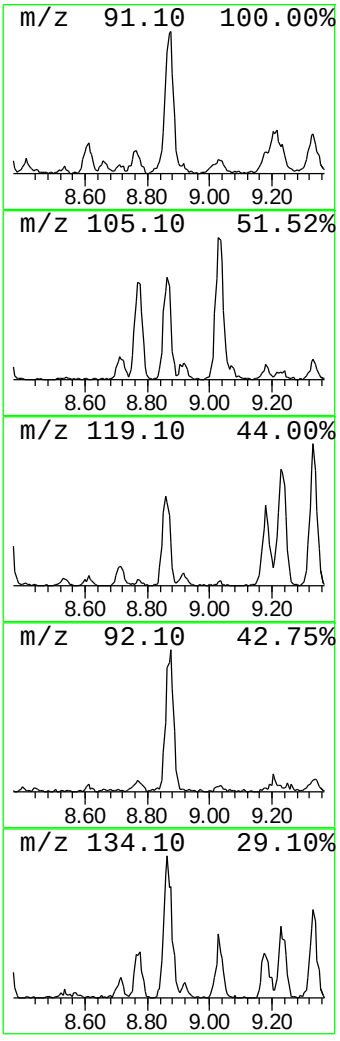
****

Peak Number 3 Tetracyclo[3.3.1.1(1,8).0(2... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	19.91 ng/ul	765554	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	72
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	49
4	Benzene, butyl-	134	C10H14	000104-51-8	46
5	Benzene, butyl-	134	C10H14	000104-51-8	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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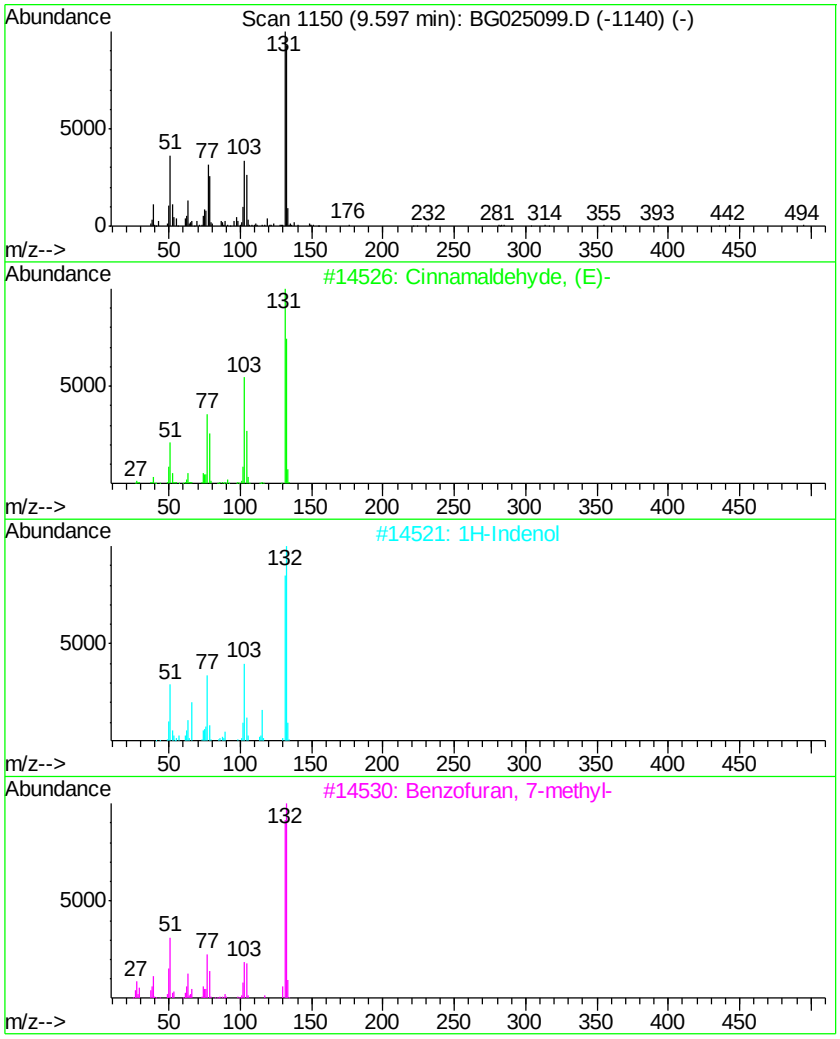
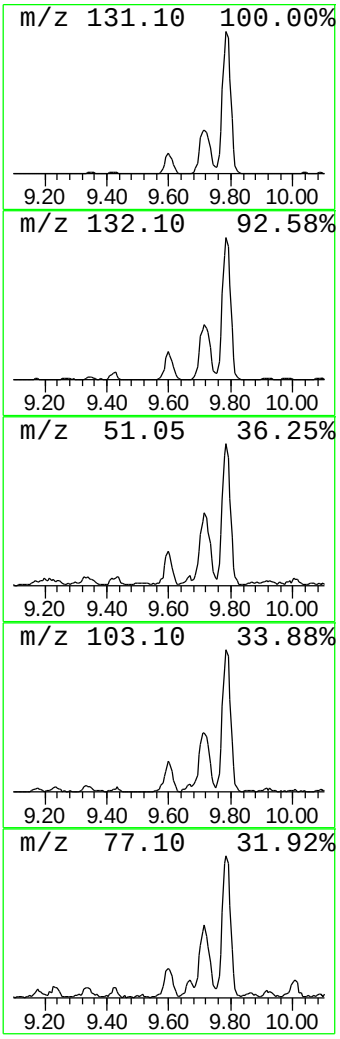
Peak Number 4 Cinnamaldehyde, (E)- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	19.66 ng/ul	756298	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	94
2	1H-Indenol	132	C9H8O	056631-57-3	91
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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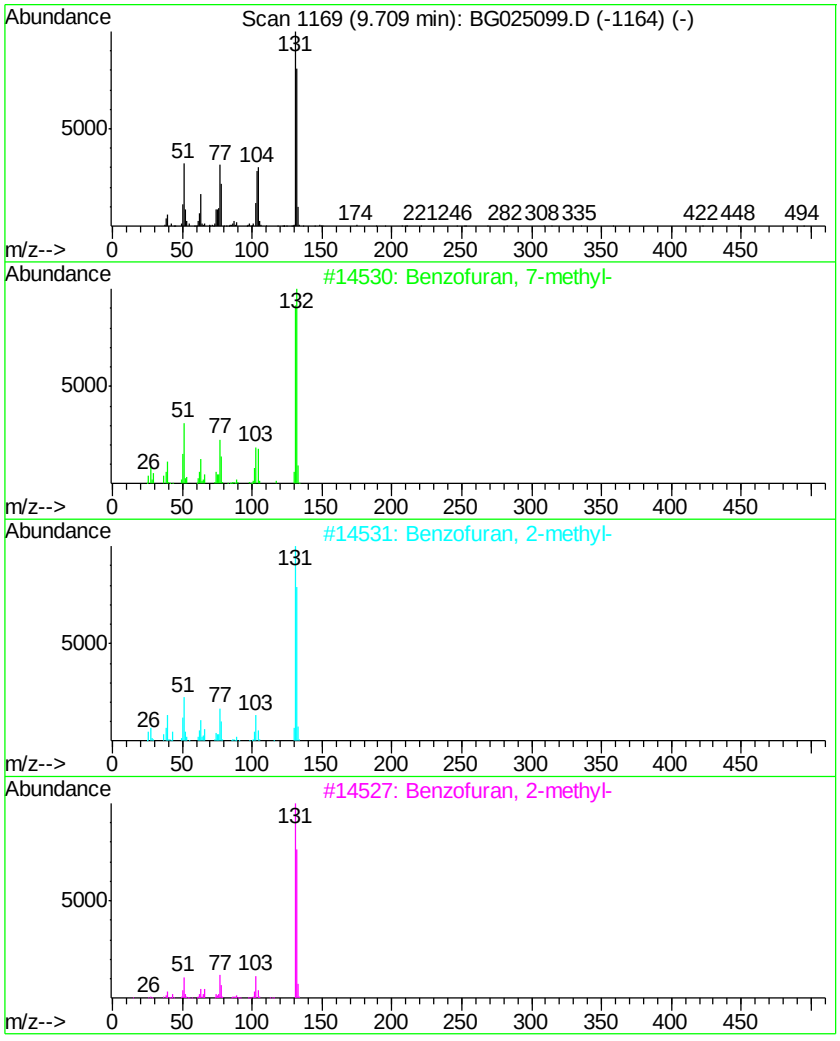
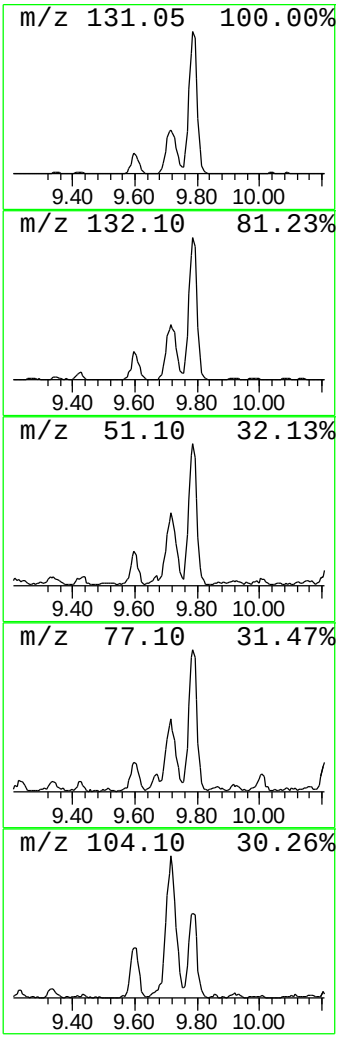
Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	10.59 ng/ul	1484580	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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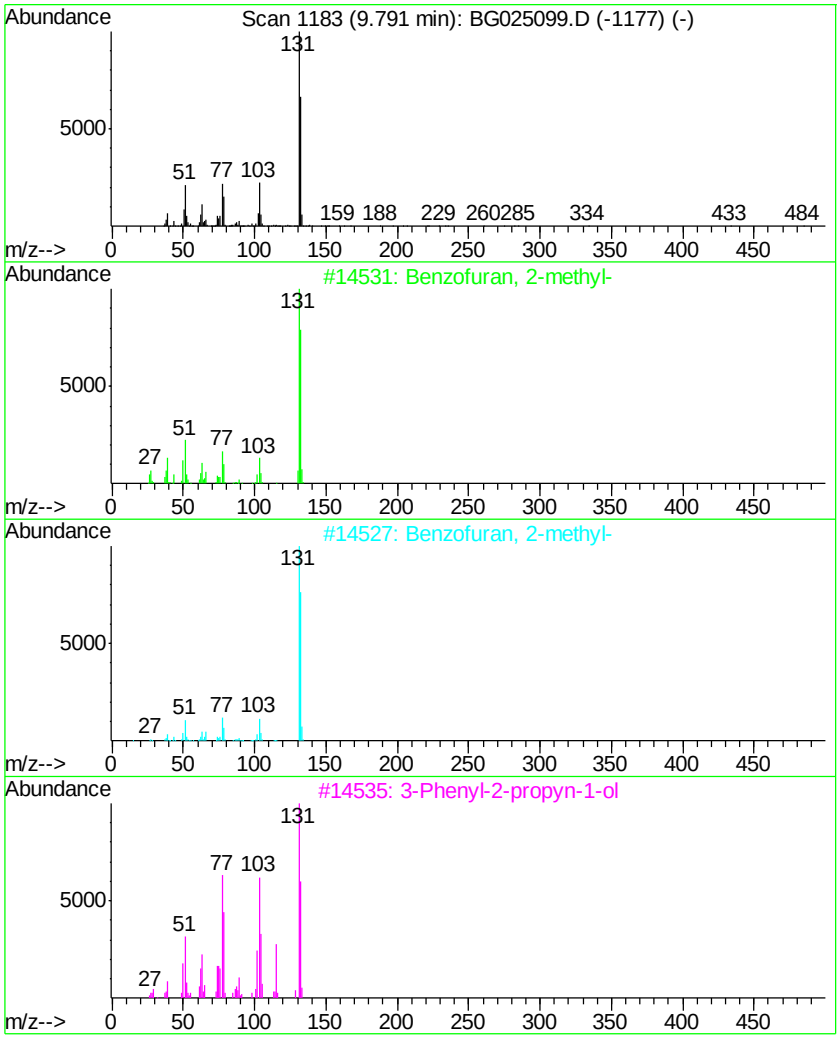
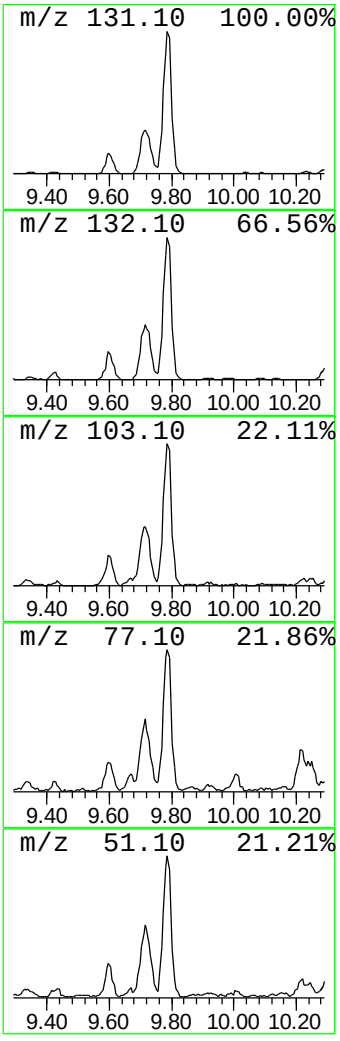
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	20.40 ng/ul	2859280	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





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Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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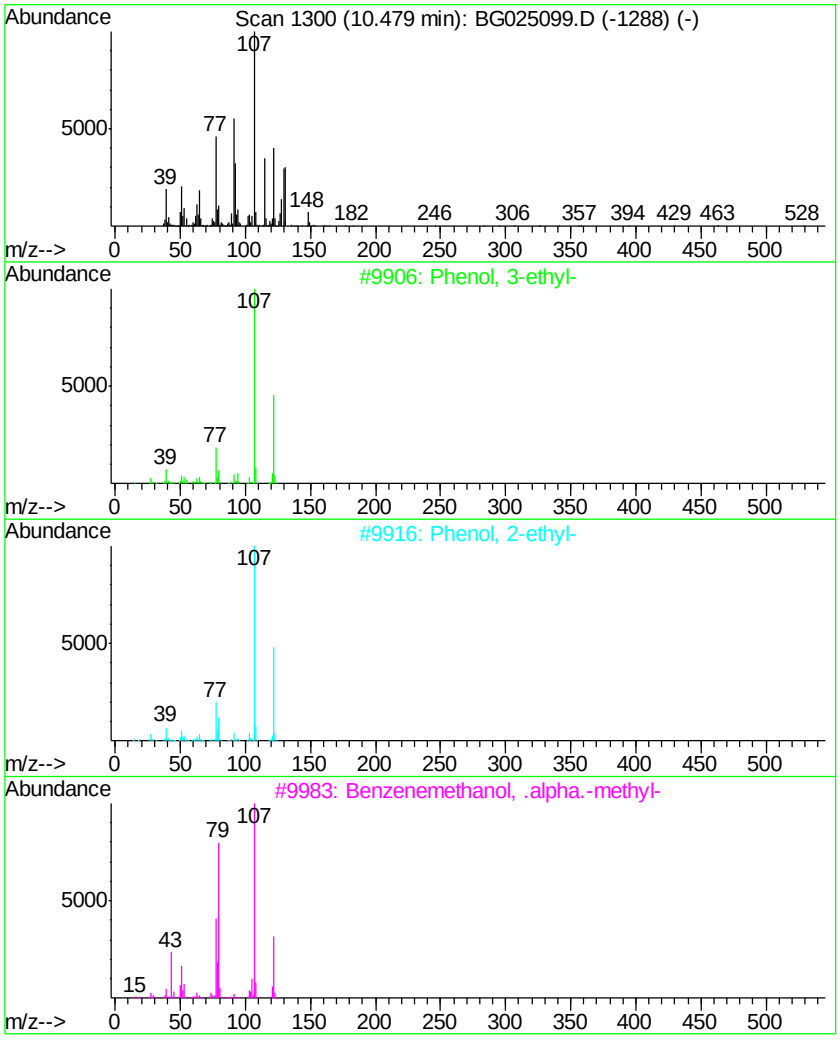
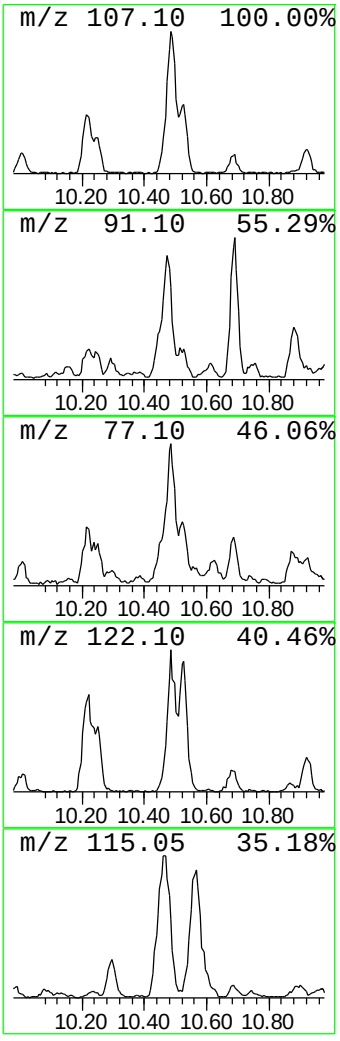
Peak Number 7 Phenol, 3-ethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	20.87 ng/ul	2925970	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	64
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	64
3	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	50
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	49
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	47





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : DA820

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Quant Title : SVOA CALIBRATION

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

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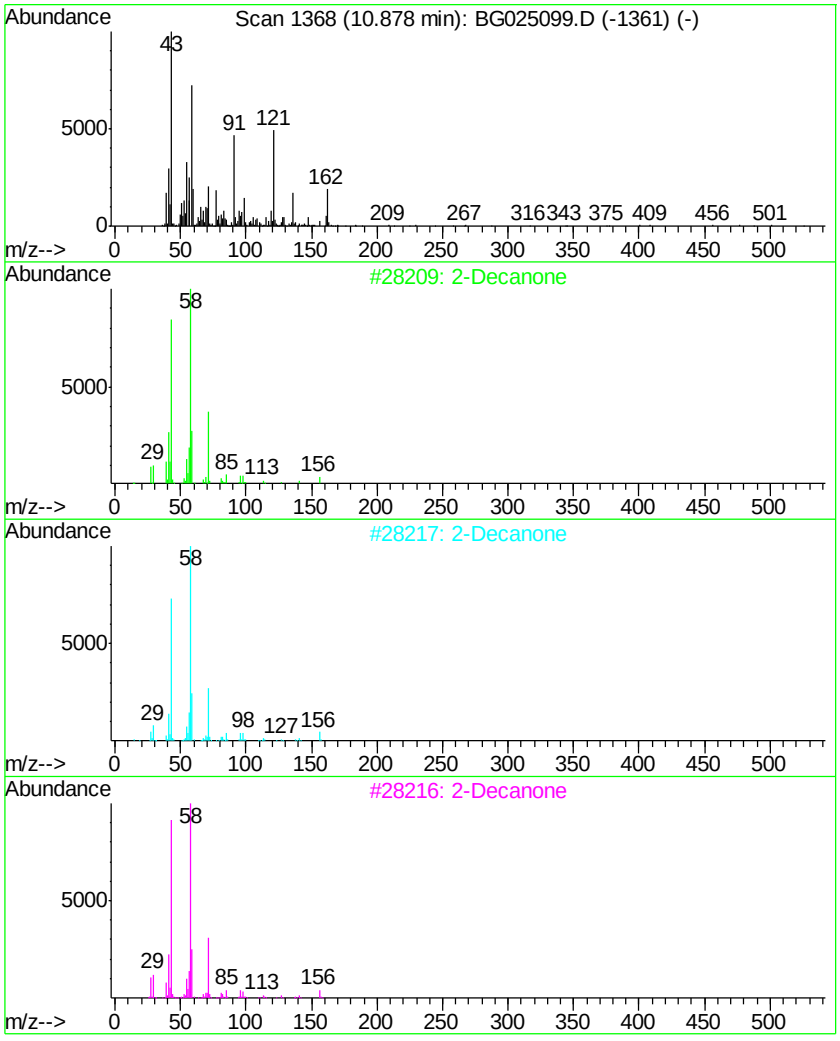
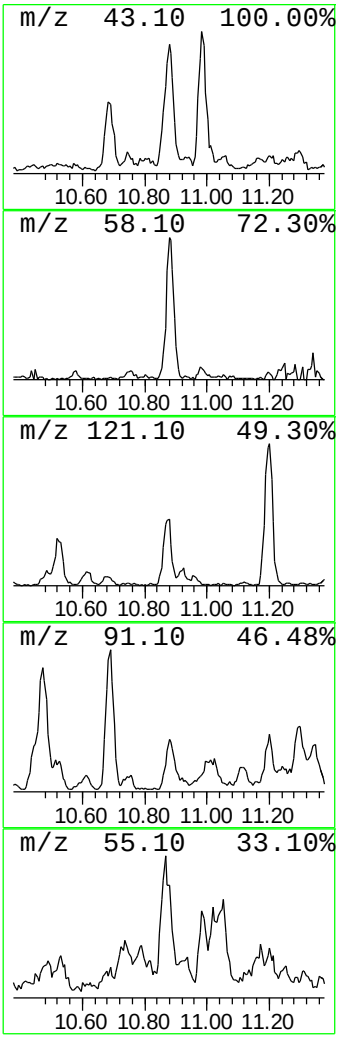
Peak Number 8 2-Decanone Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	13.24 ng/ul	1856230	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decanone	156	C10H20O	000693-54-9	58
2	2-Decanone	156	C10H20O	000693-54-9	52
3	2-Decanone	156	C10H20O	000693-54-9	52
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	47
5	2-Nonanone	142	C9H18O	000821-55-6	47





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Misc :
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Instrument : BNA_G
ClientSampleId : DA820

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Quant Title : SVOA CALIBRATION

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

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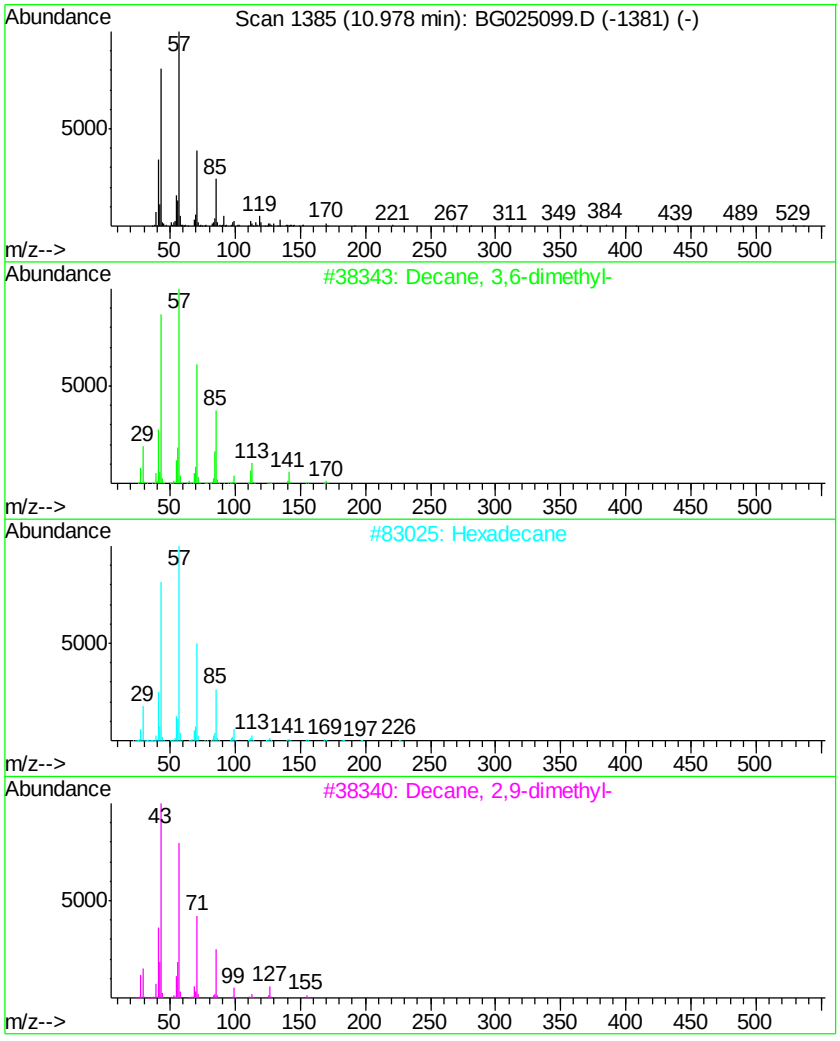
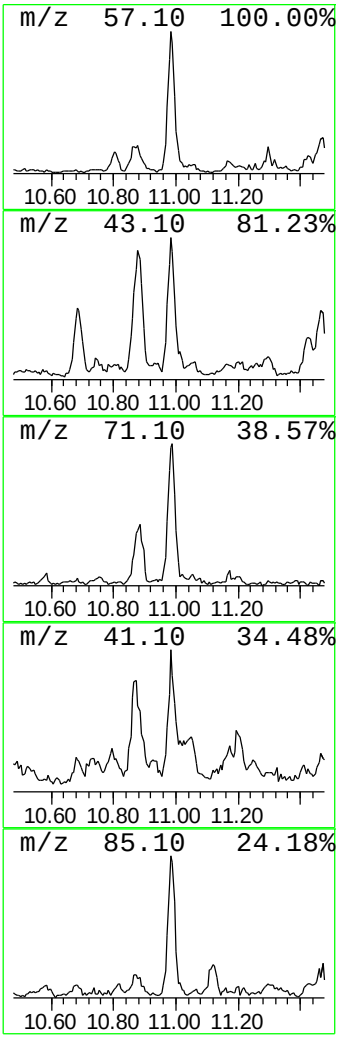
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	5.72 ng/ul	801520	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
2	Hexadecane	226	C16H34	000544-76-3	59
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	53





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Misc :
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Instrument : BNA_G
ClientSampleId : DA820

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Quant Title : SVOA CALIBRATION

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

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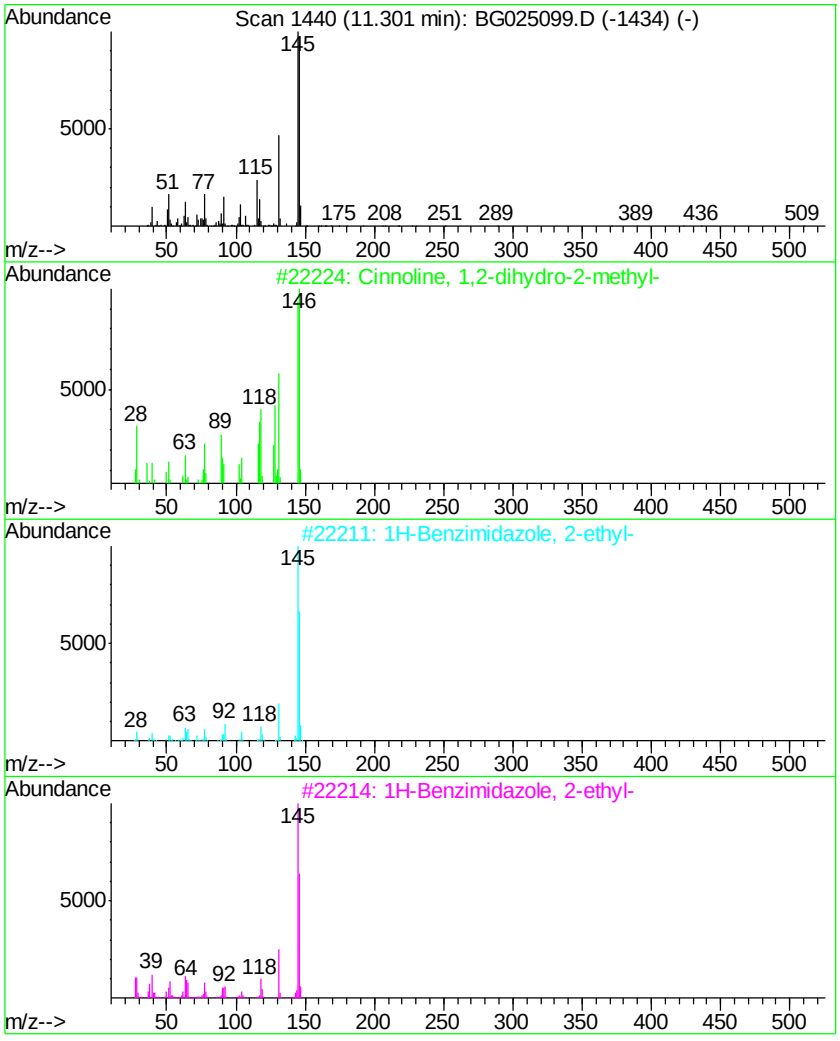
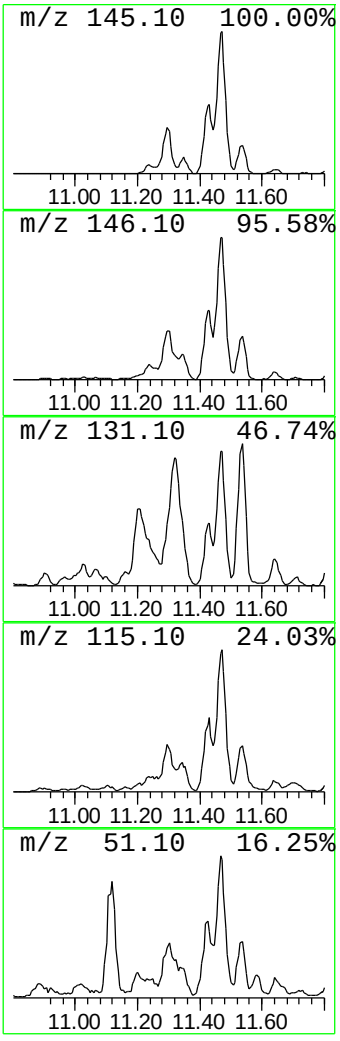
Peak Number 10 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	30.76 ng/ul	4311410	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	64
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	53





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Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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Quant Title : SVOA CALIBRATION

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

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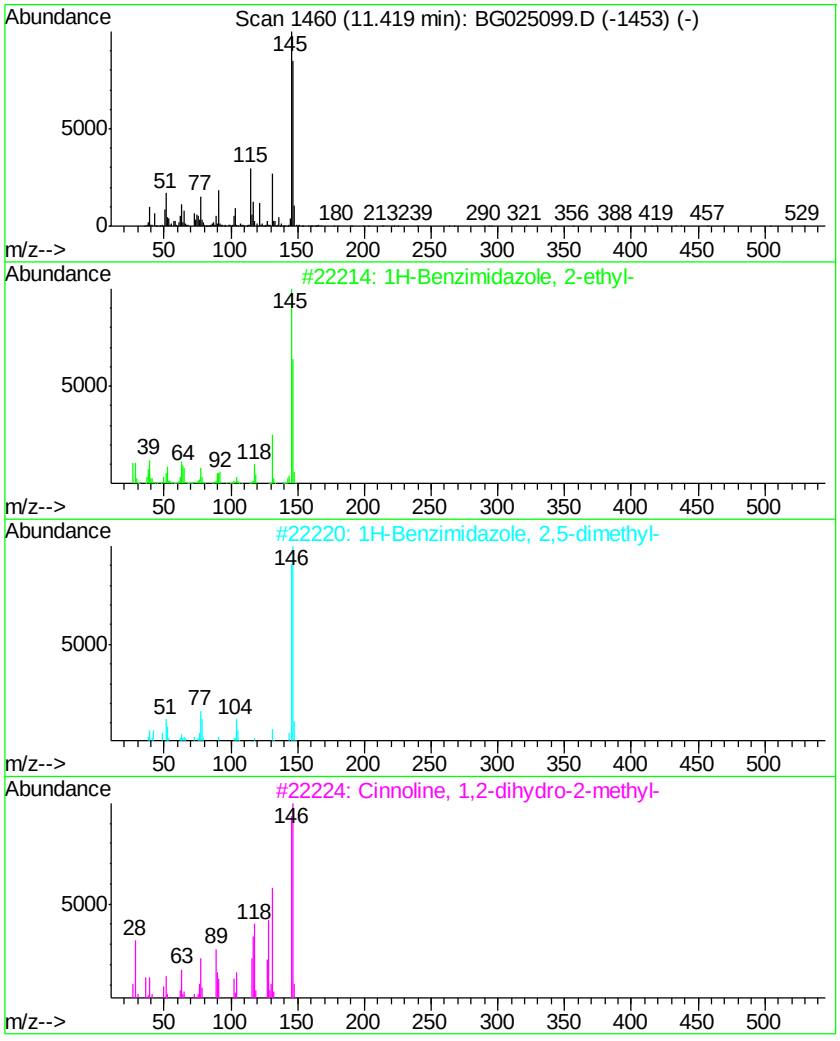
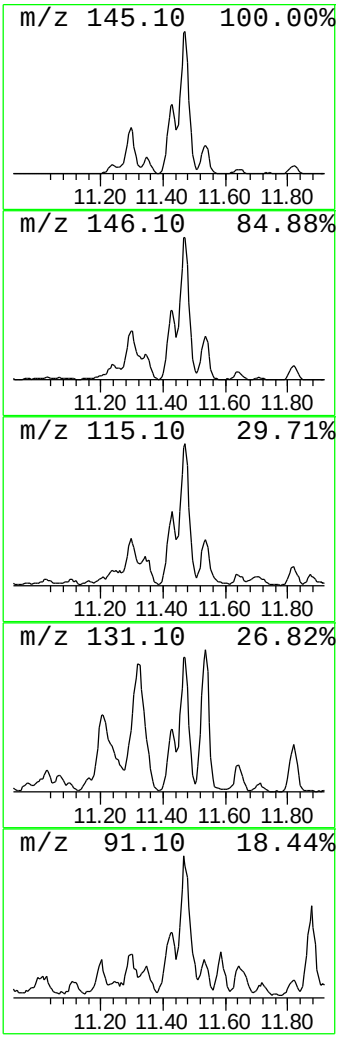
Peak Number 11 1H-Benzimidazole, 2-ethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	25.95 ng/ul	3637460	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
2	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	64
3	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	64
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59





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Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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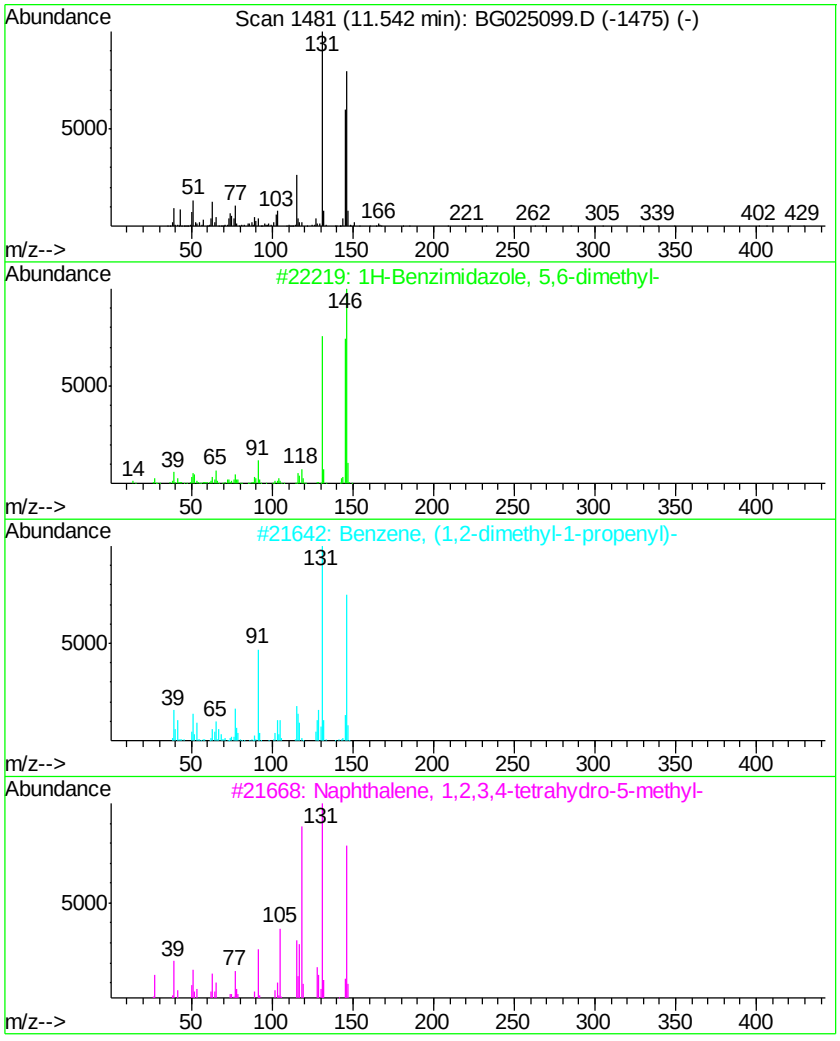
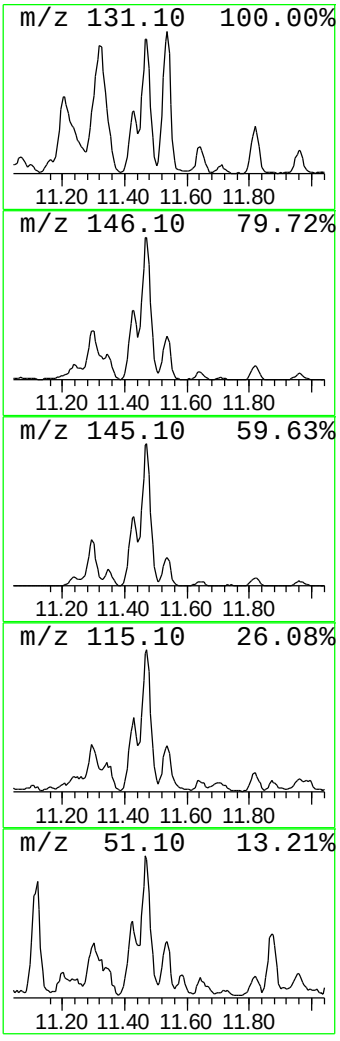
Peak Number 13 1H-Benzimidazole, 5,6-dimet... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	16.05 ng/ul	2249920	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	80
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	72
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	72
4	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	72
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	59





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Instrument : BNA_G
ClientSampleId : DA820

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Quant Title : SVOA CALIBRATION

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

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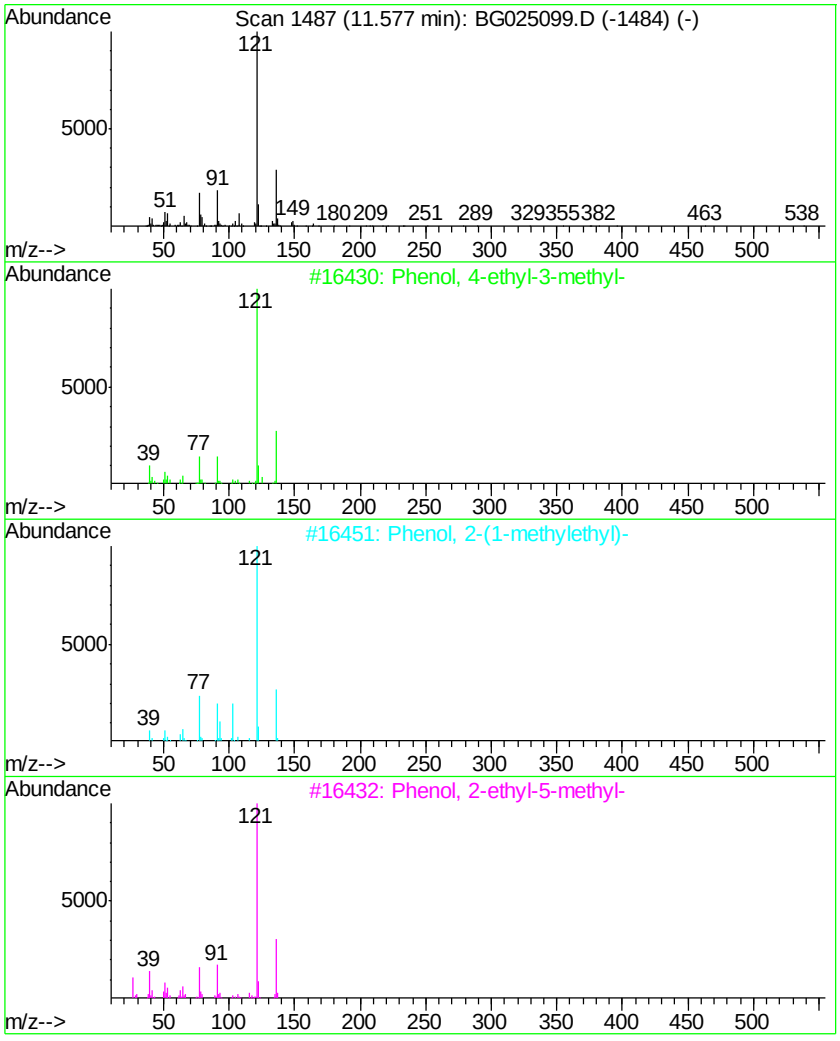
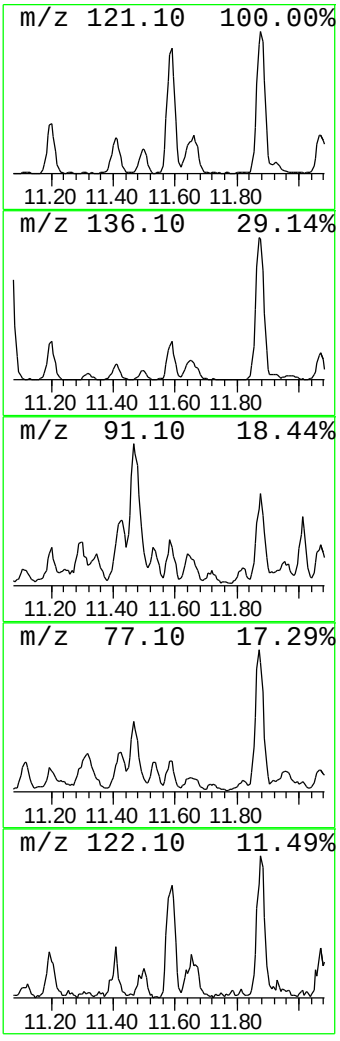
Peak Number 14 Phenol, 4-ethyl-3-methyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	7.21 ng/ul	1010740	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	90
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	86
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	78
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	78





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Instrument : BNA_G
ClientSampleId : DA820

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Quant Title : SVOA CALIBRATION

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

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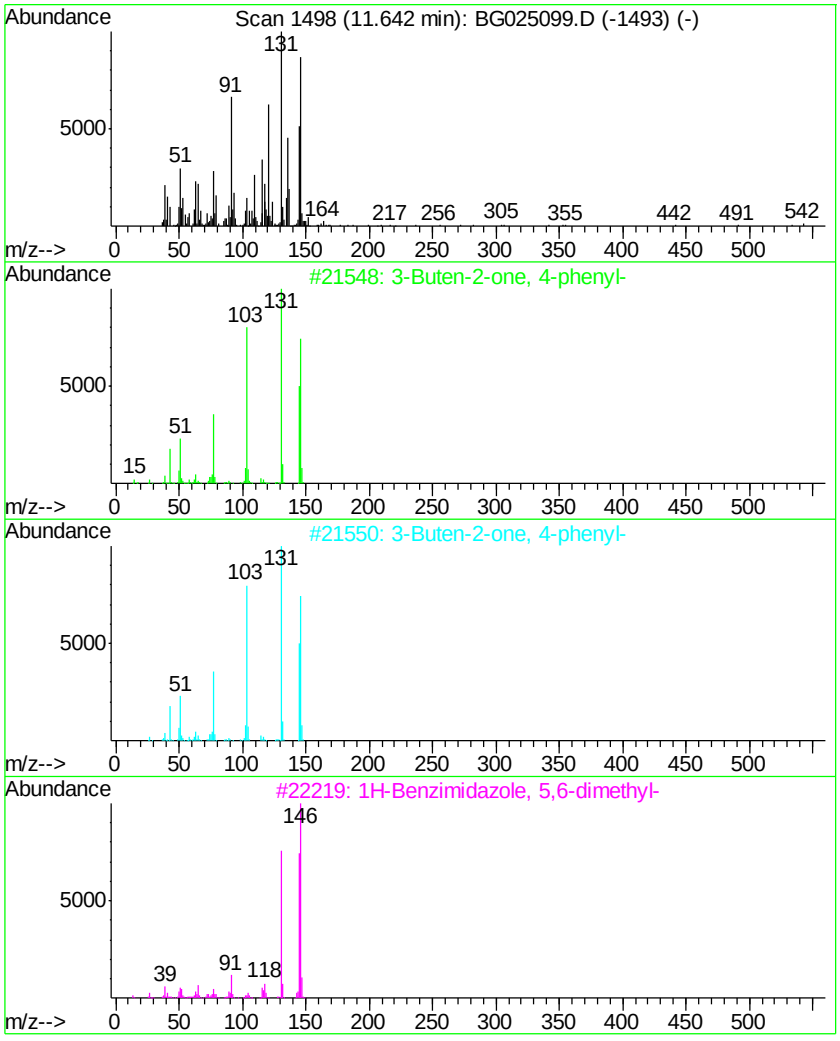
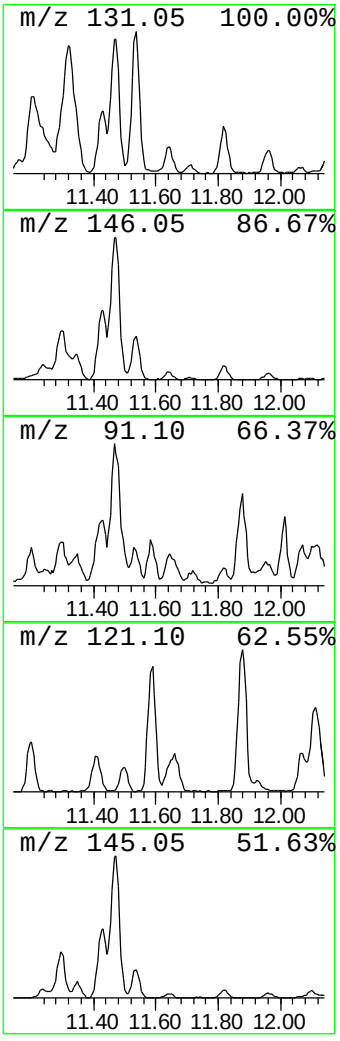
Peak Number 15 3-Buten-2-one, 4-phenyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	7.61 ng/ul	1066140	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	58
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	58
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	52
4	1-Methylindan-2-one	146	C10H10O	035587-60-1	49
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	49





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Quant Title : SVOA CALIBRATION

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

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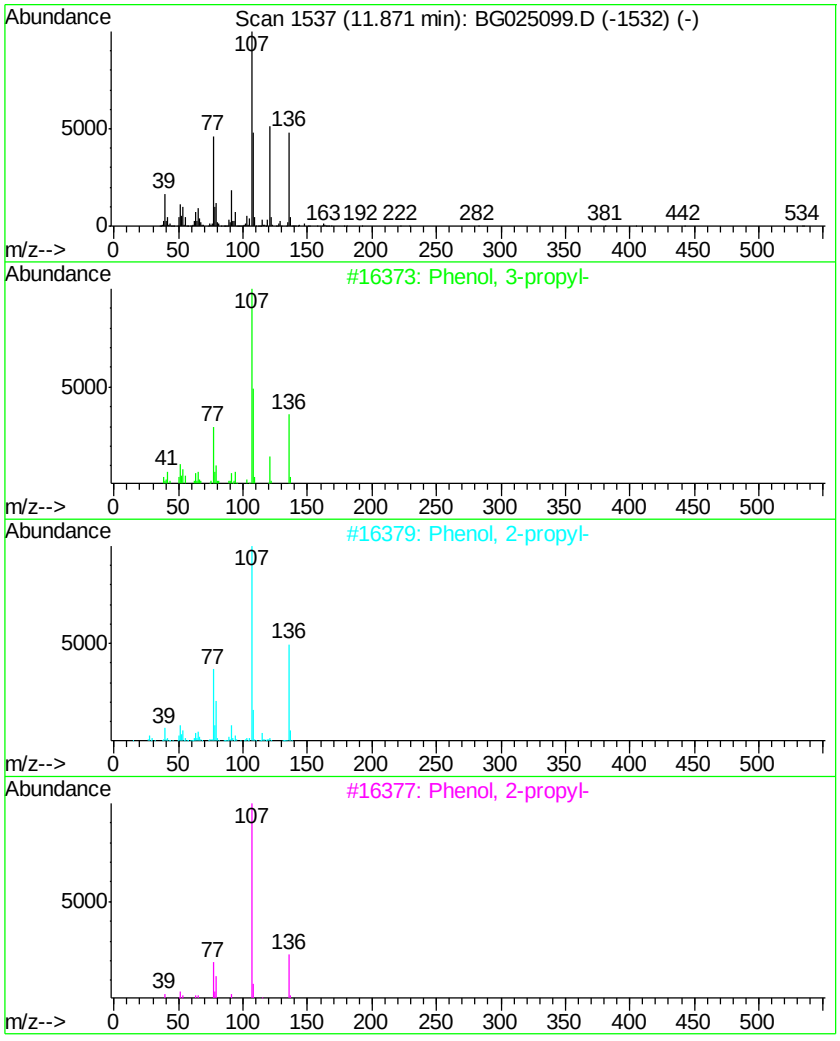
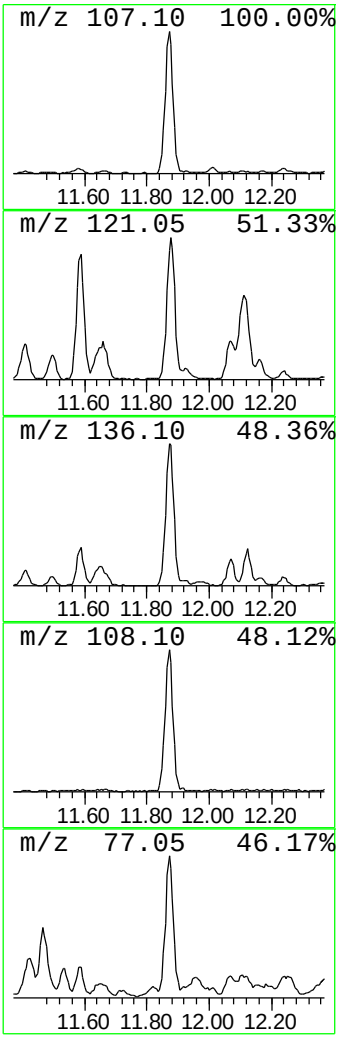
Peak Number 17 Phenol, 3-propyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	26.73 ng/ul	3746670	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	90
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	64
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	58
4	Cyclopentanecarbonitrile, 2-imino-	108	C6H8N2	002321-76-8	46
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	46





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Quant Title : SVOA CALIBRATION

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

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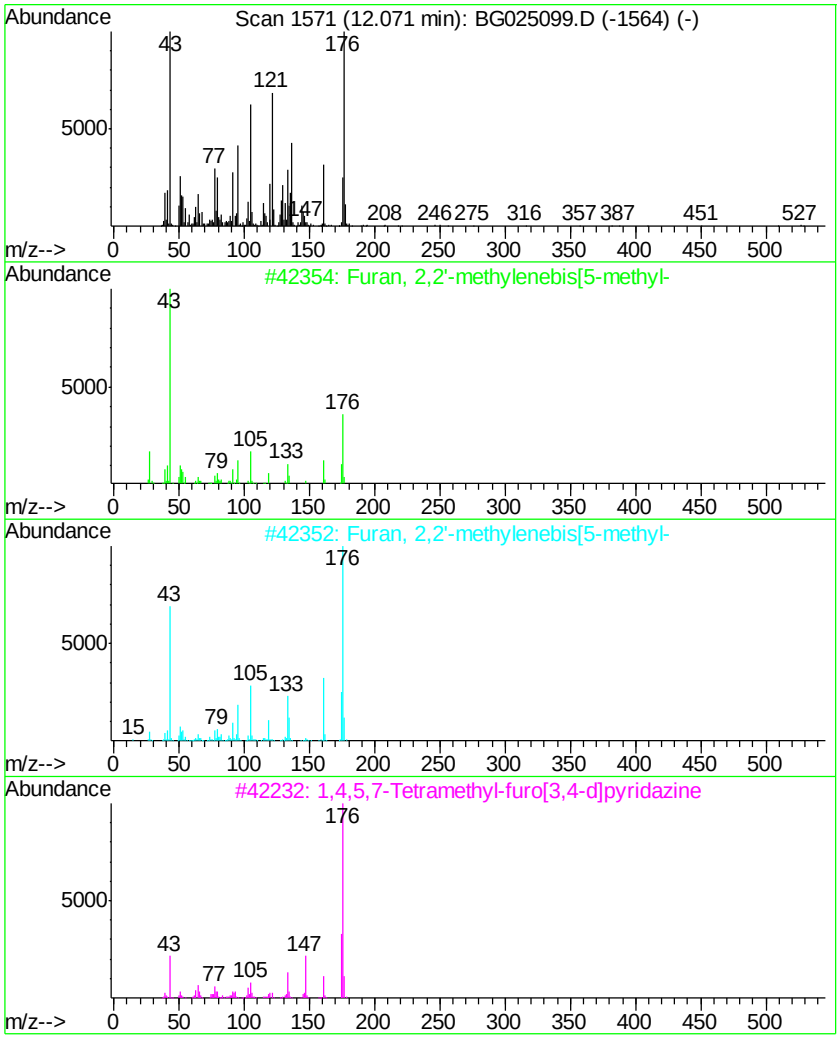
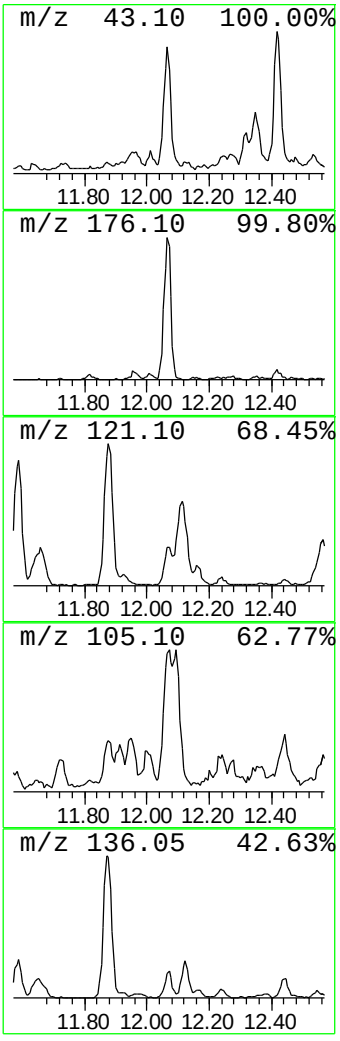
Peak Number 18 Furan, 2,2'-methylenebis[5-... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	13.79 ng/ul	1933490	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,2'-methylenebis[5-methyl-	176	C11H12O2	013679-43-1	86
2	Furan, 2,2'-methylenebis[5-methyl-	176	C11H12O2	013679-43-1	76
3	1,4,5,7-Tetramethyl-furo[3,4-d]p...	176	C10H12N2O	1000301-21-7	43
4	3-Benzofurancarboxaldehyde, 2-me...	176	C10H8O3	040800-89-3	35
5	2H-1-Benzopyran-2-one, 8-methoxy-	176	C10H8O3	002445-81-0	35





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

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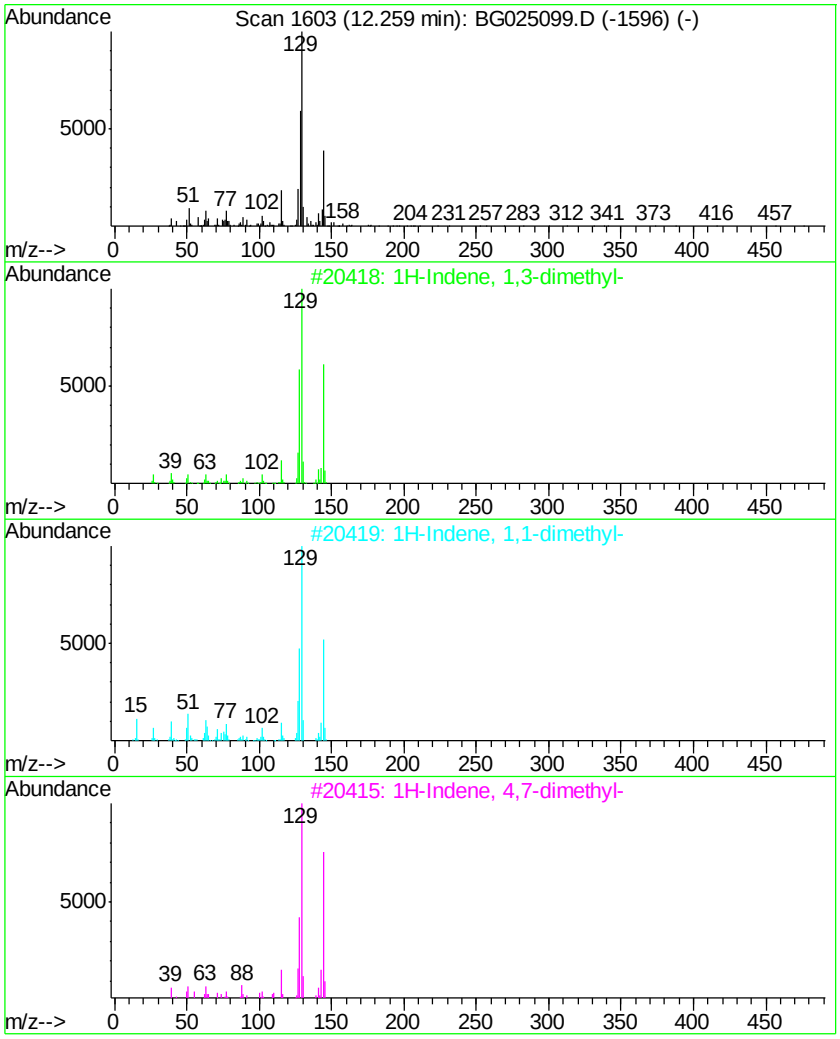
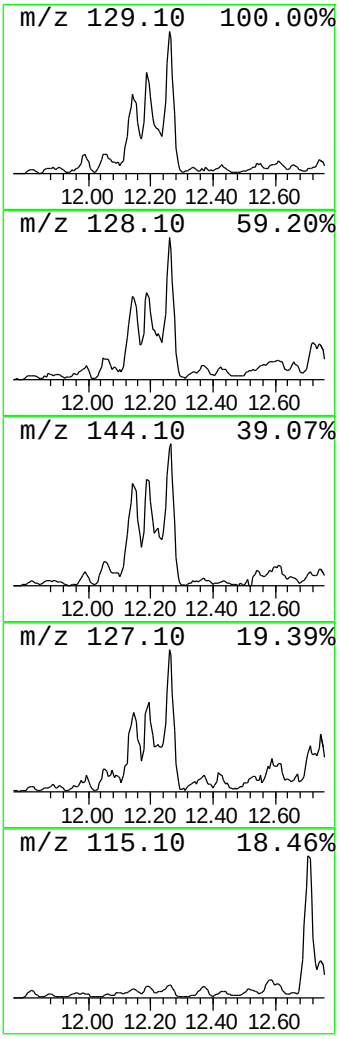
Peak Number 19 1H-Indene, 1,3-dimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	20.24 ng/ul	2836720	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87
5	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	87





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Quant Title : SVOA CALIBRATION

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

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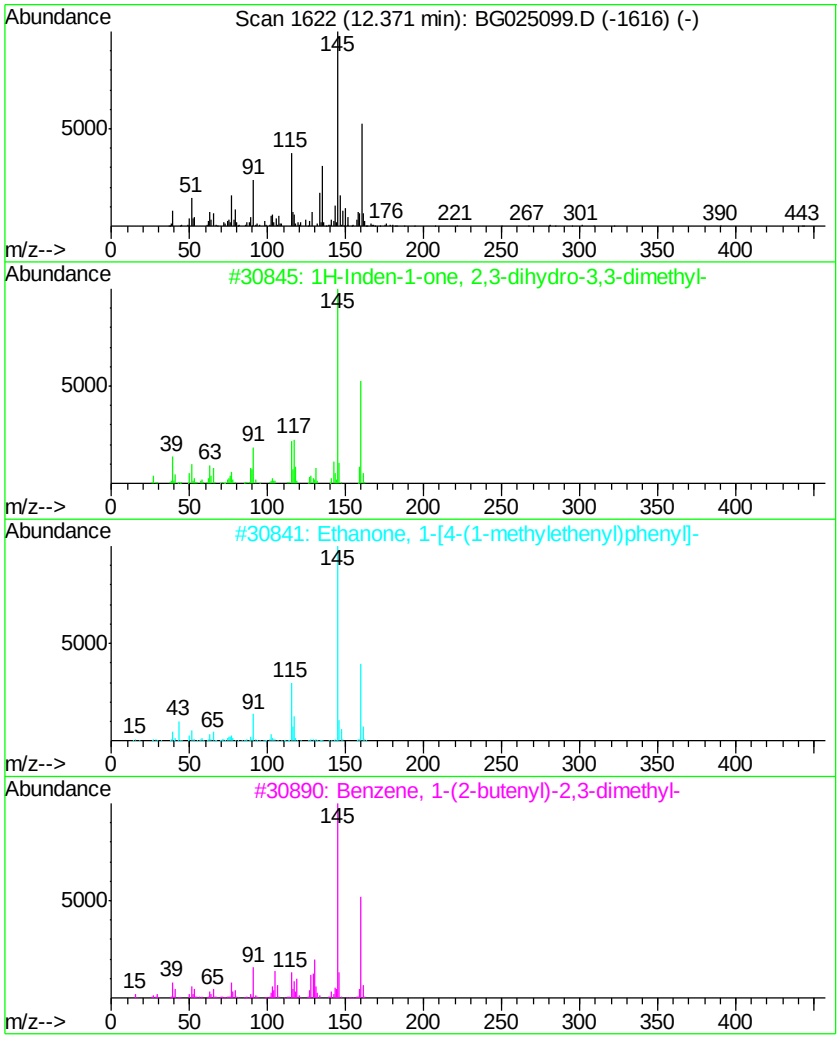
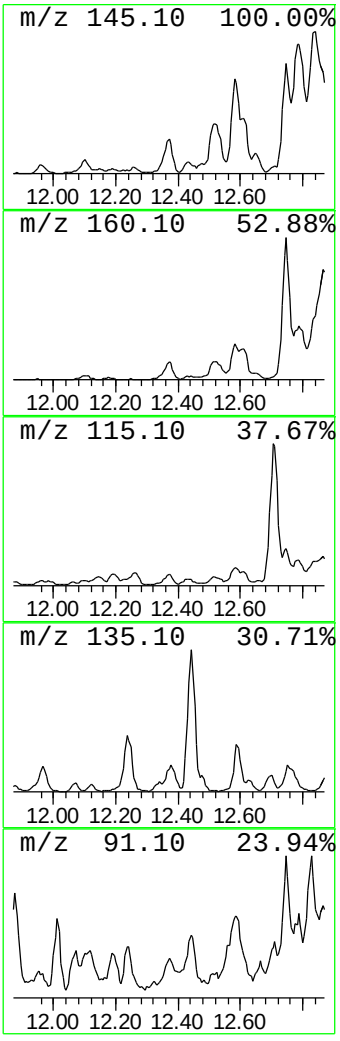
Peak Number 20 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	6.57 ng/ul	921606	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	72
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	68
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	64
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	64
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	58





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Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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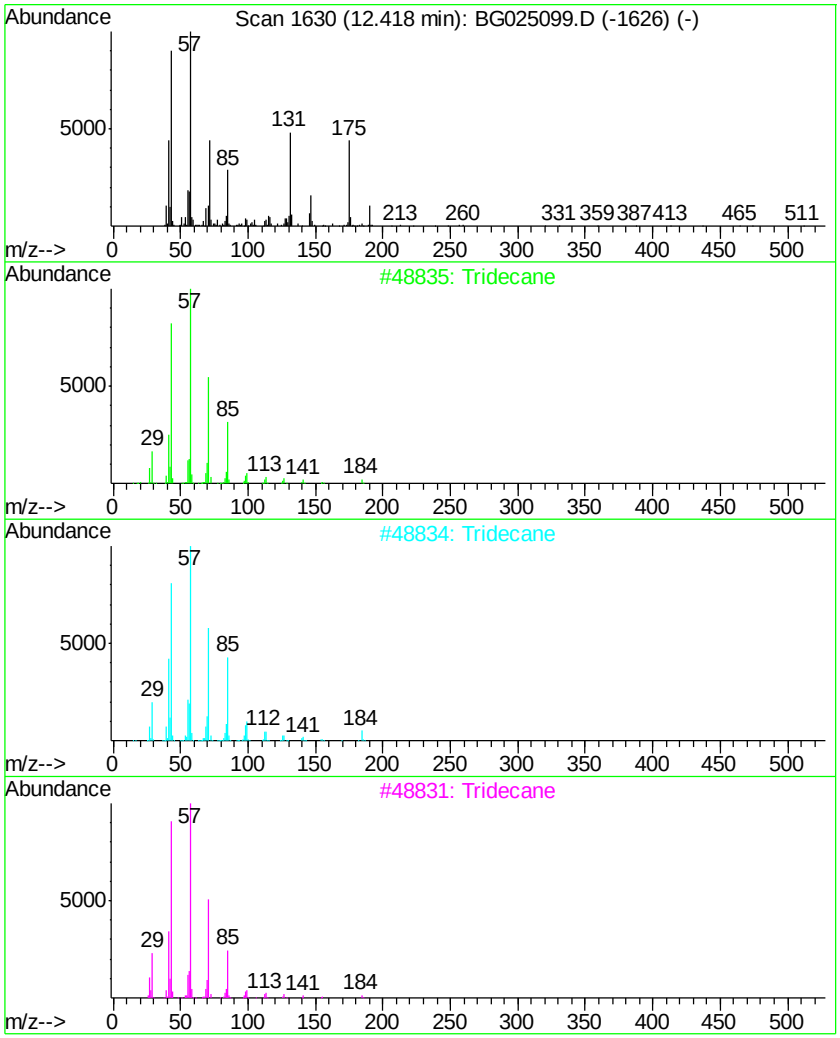
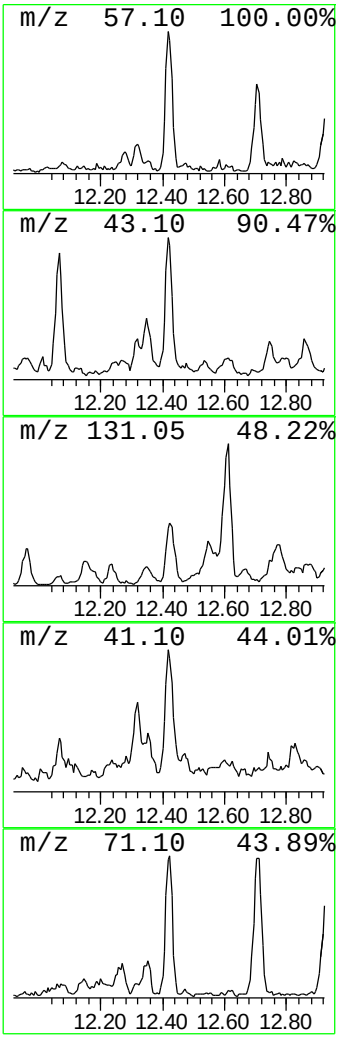
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	16.82 ng/ul	2357920	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	51
2	Tridecane	184	C13H28	000629-50-5	47
3	Tridecane	184	C13H28	000629-50-5	38
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	35
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	35





Library Search Compound Report

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Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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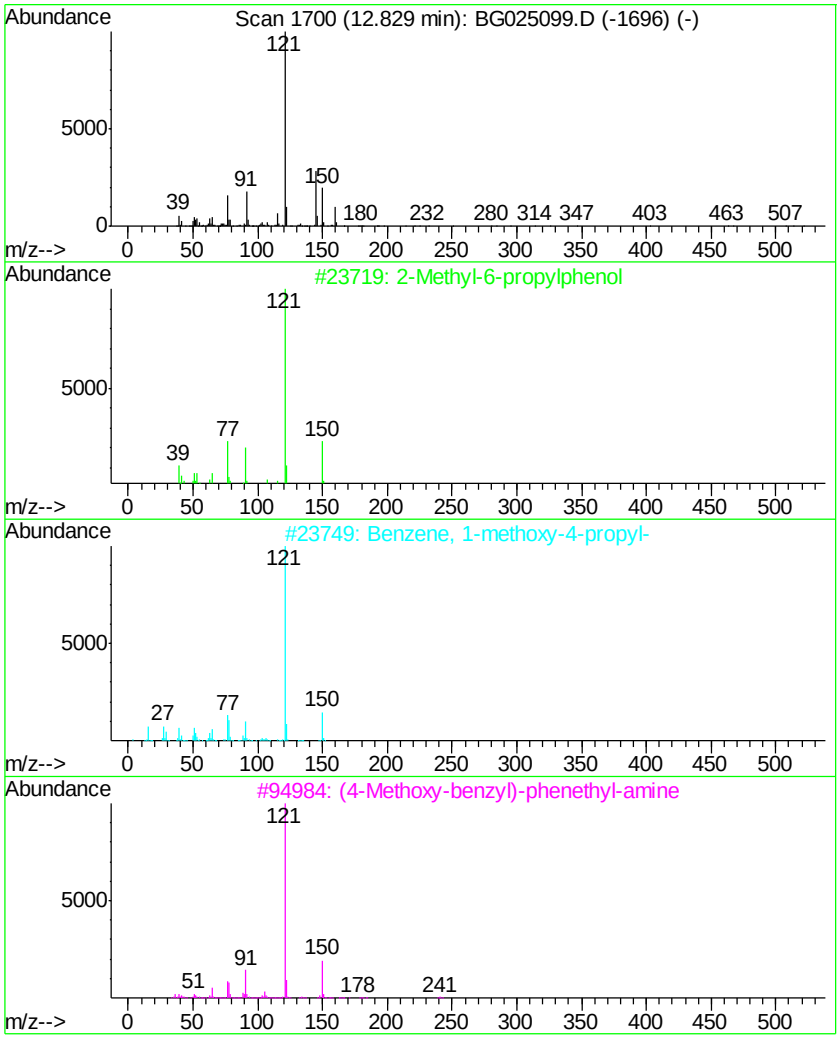
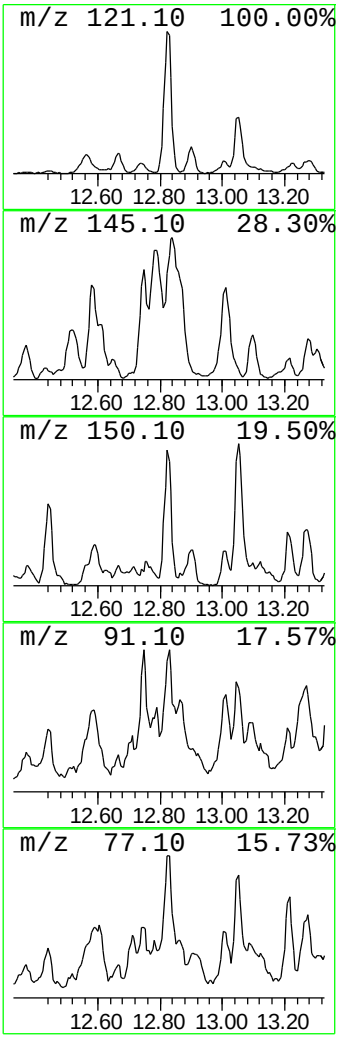
Peak Number 23 2-Methyl-6-propylphenol Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	14.71 ng/ul	2061920	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-6-propylphenol	150	C10H14O	003520-52-3	64
2	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	59
3	(4-Methoxy-benzyl)-phenethyl-amine	241	C16H19NO	1000300-71-3	59
4	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	59
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	59





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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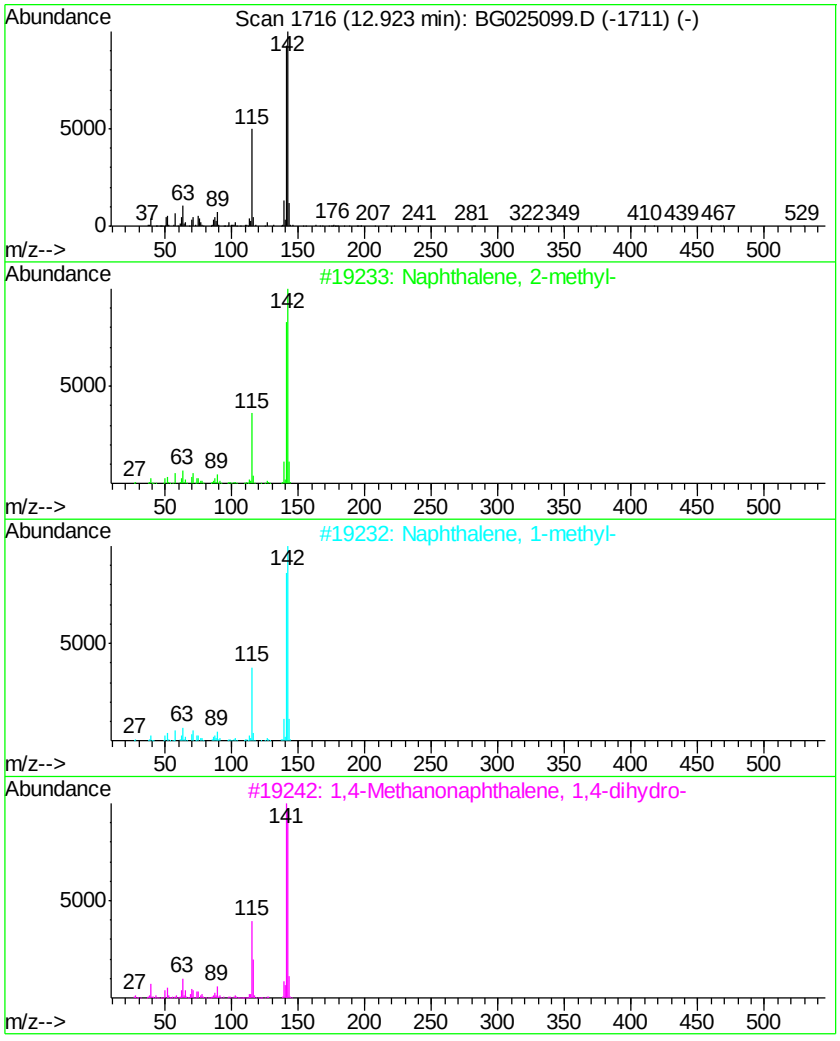
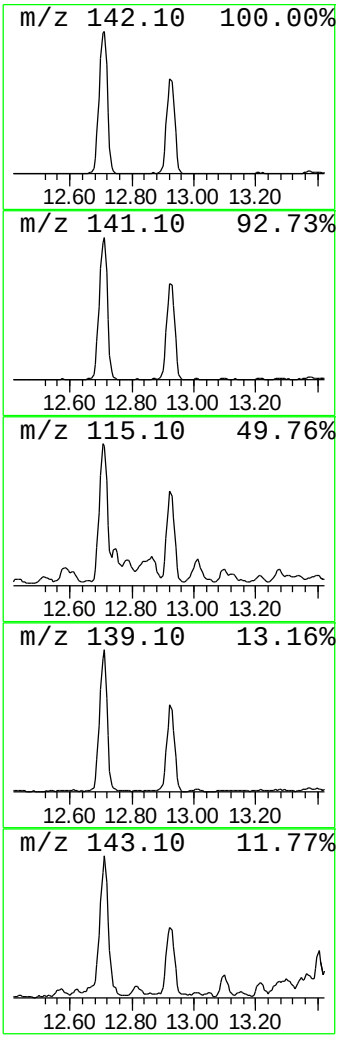
Peak Number 24 Naphthalene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	39.63 ng/ul	5555900	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





Library Search Compound Report

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Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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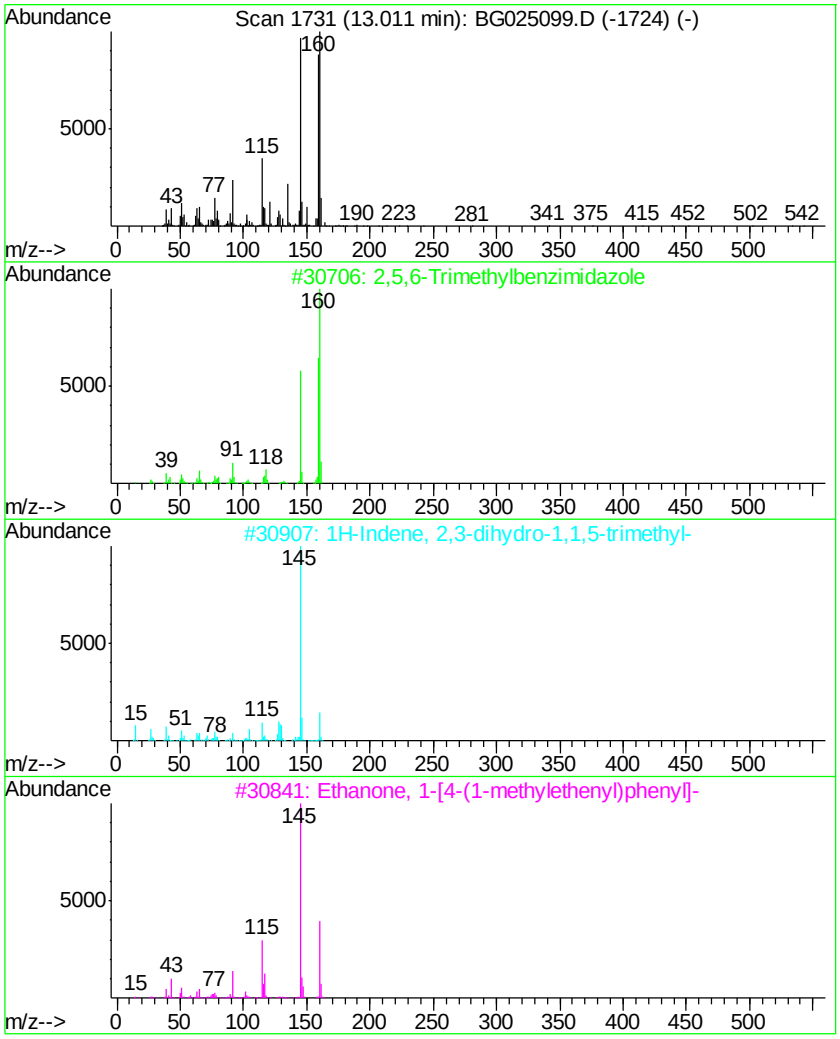
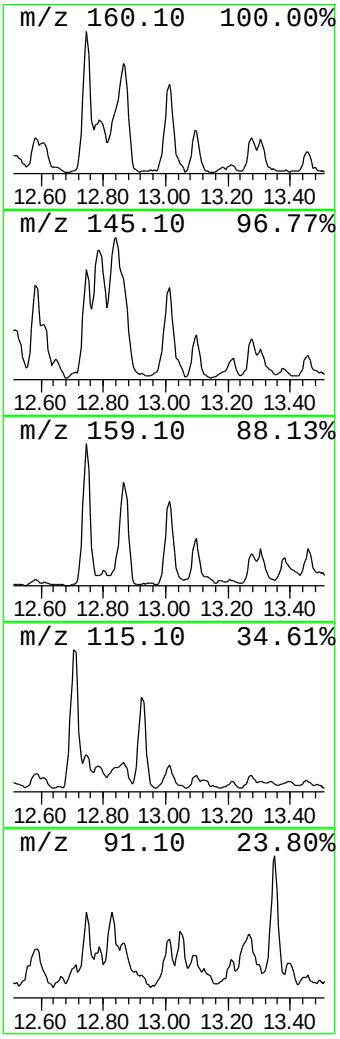
Peak Number 25 2,5,6-Trimethylbenzimidazole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	95.02 ng/ul	3643820	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	87
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	60
3	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	60
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	49





Library Search Compound Report

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Acq On : 11 Dec 2016 11:37
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Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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

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

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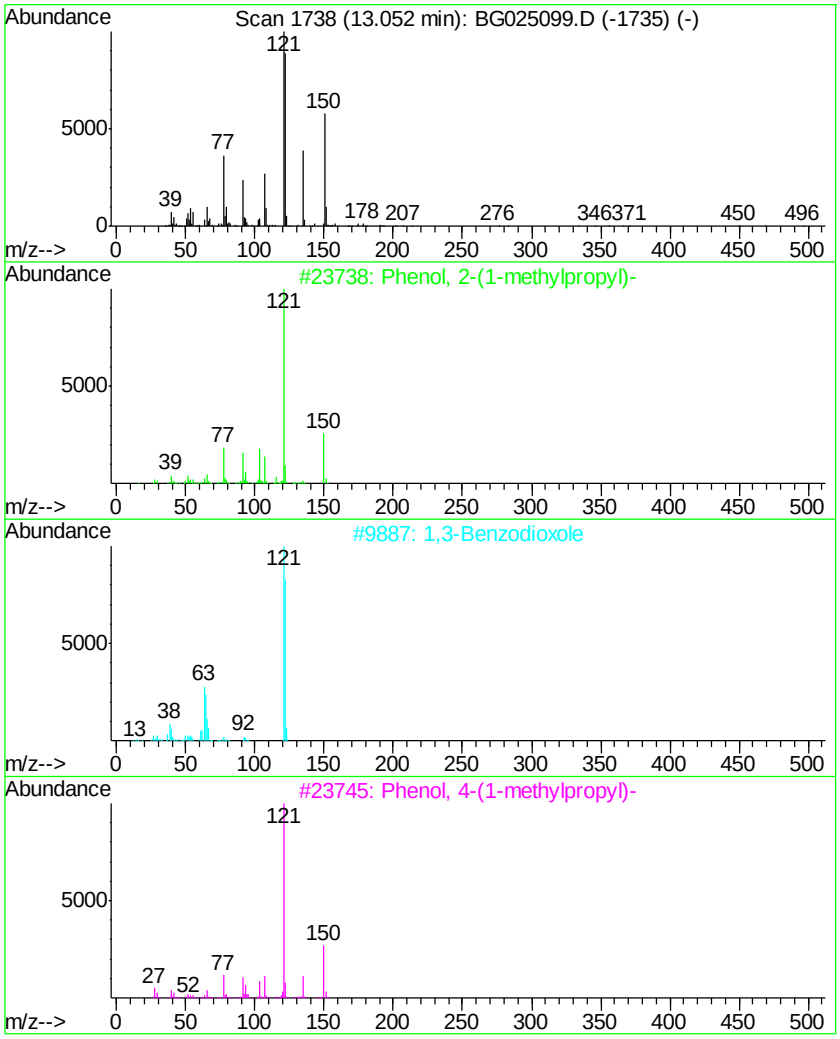
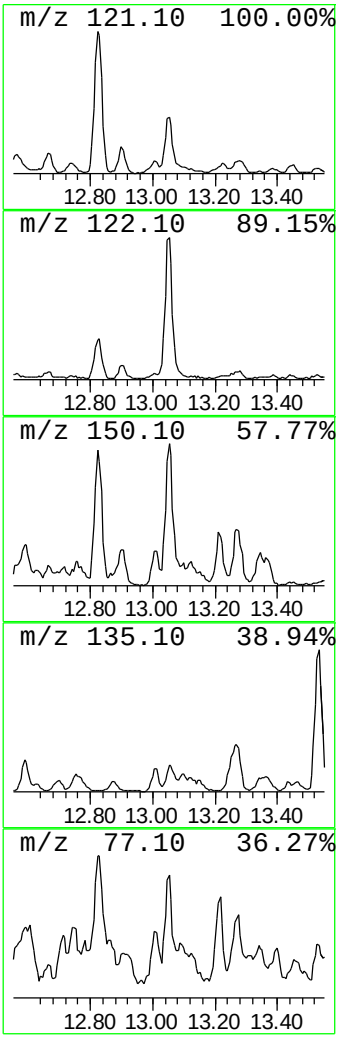
Peak Number 26 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	41.44 ng/ul	1589070	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	46
2	1,3-Benzodioxole	122	C7H6O2	000274-09-9	43
3	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	43
4	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	43
5	Pyrrole, 1-methyl-2-(2-pyrrolidi...	150	C9H14N2	1000269-19-3	43





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Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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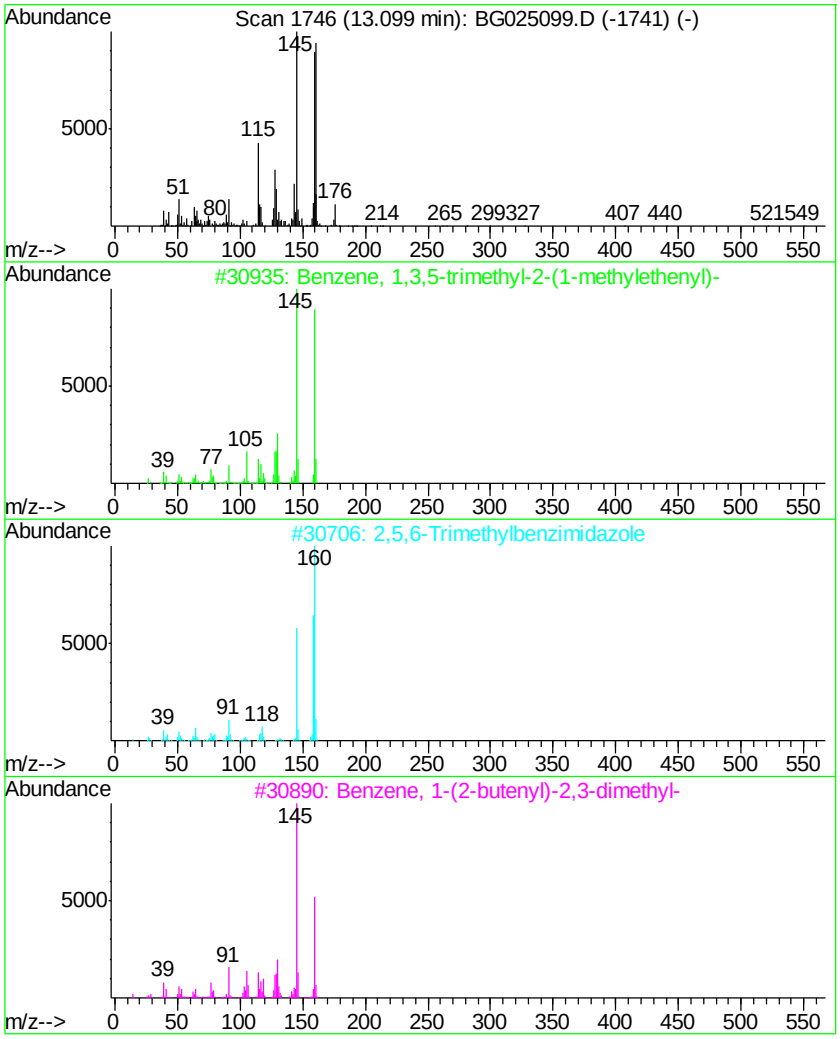
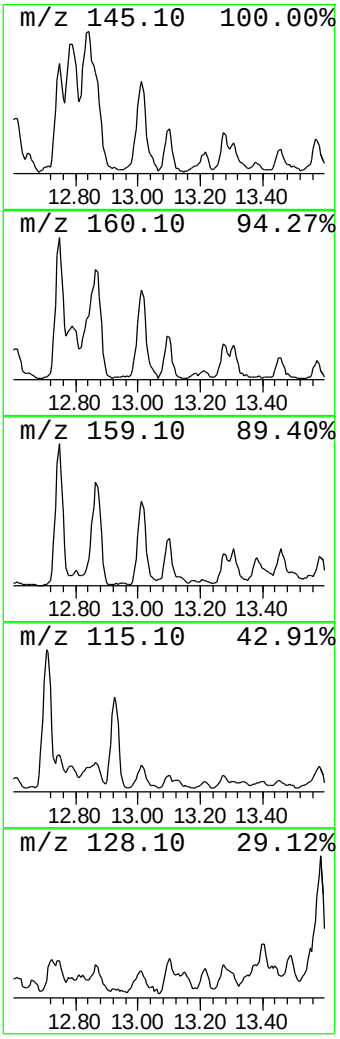
Peak Number 27 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	90.14 ng/ul	3456460	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
2	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	46
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	43
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	43
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	43





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Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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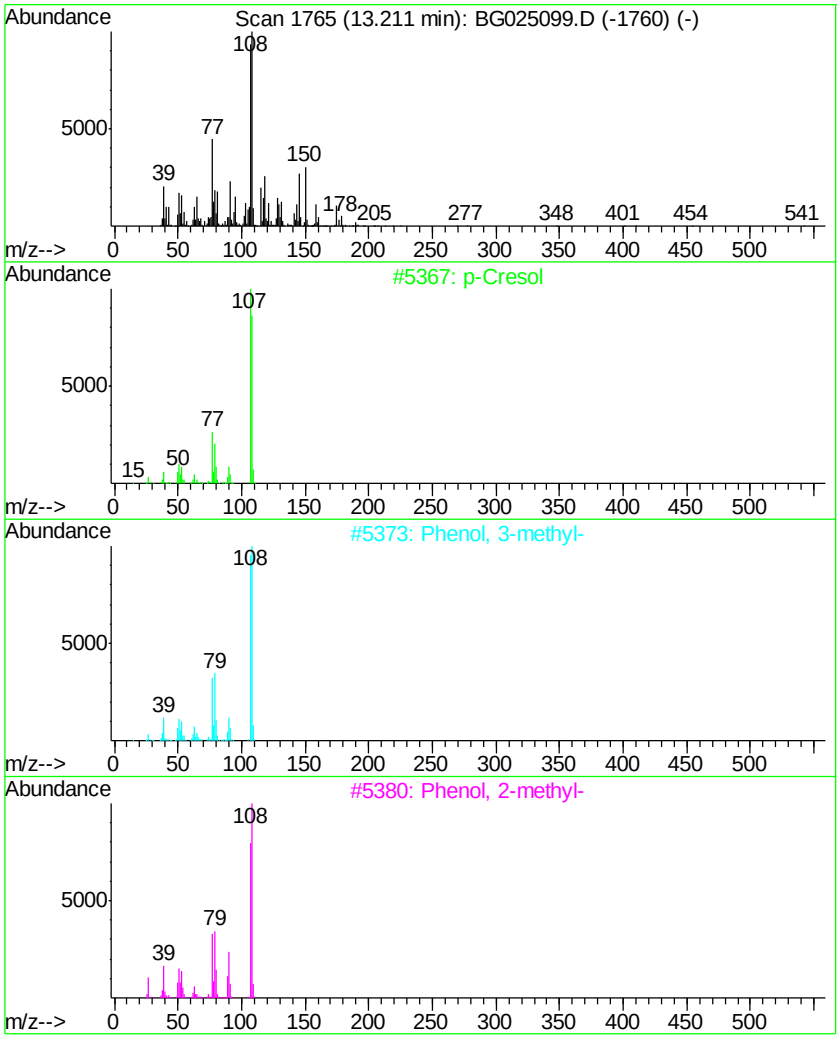
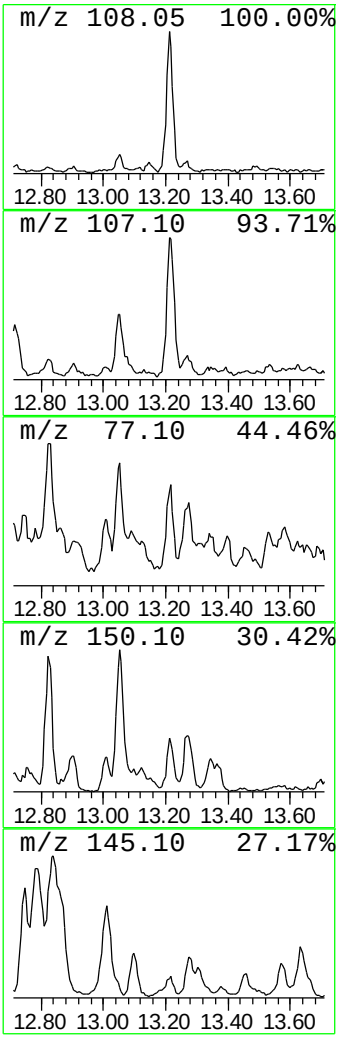
Peak Number 28 p-Cresol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	50.91 ng/ul	1952400	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cresol	108	C7H8O	000106-44-5	58
2	Phenol, 3-methyl-	108	C7H8O	000108-39-4	52
3	Phenol, 2-methyl-	108	C7H8O	000095-48-7	50
4	2-Acetyl-1-phenylhydrazine	150	C8H10N2O	000114-83-0	50
5	Phenol, 3-methyl-	108	C7H8O	000108-39-4	49





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Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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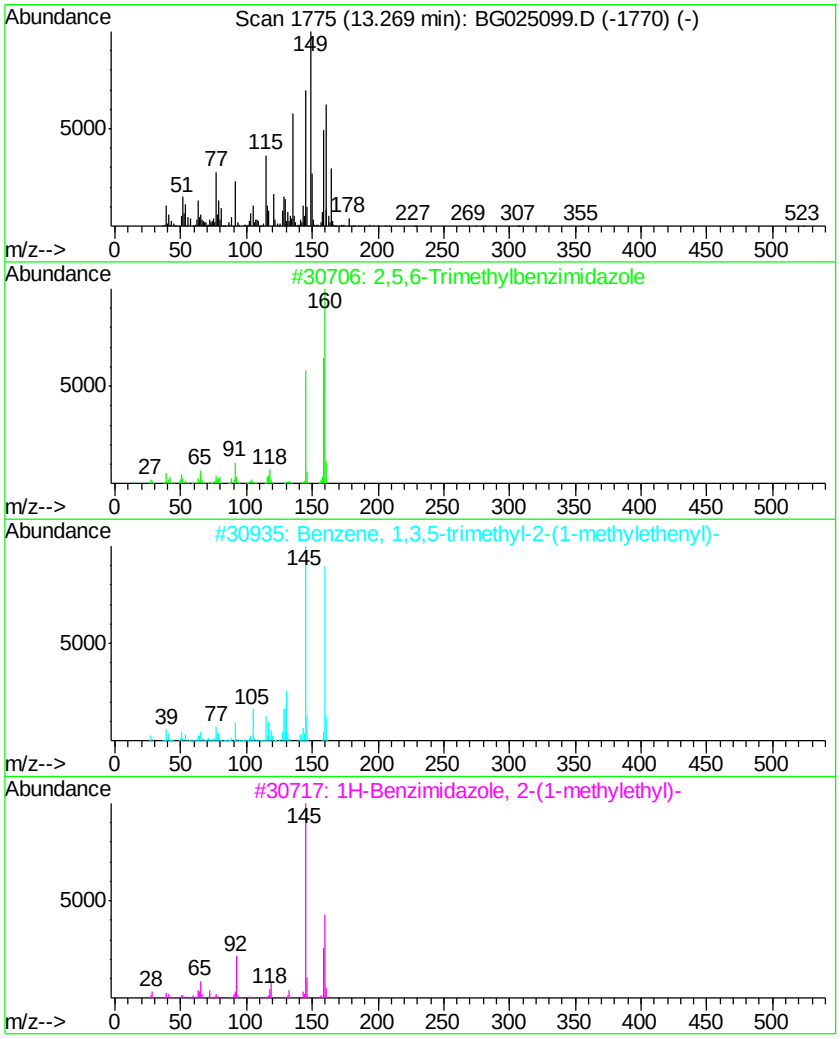
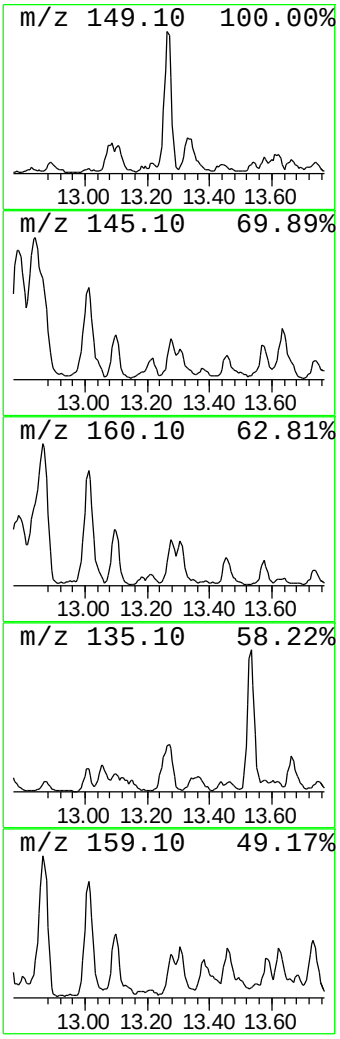
Peak Number 29 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	59.43 ng/ul	2278990	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	42
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	30
3	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	30
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	25
5	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	25





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Acq On : 11 Dec 2016 11:37
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Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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

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

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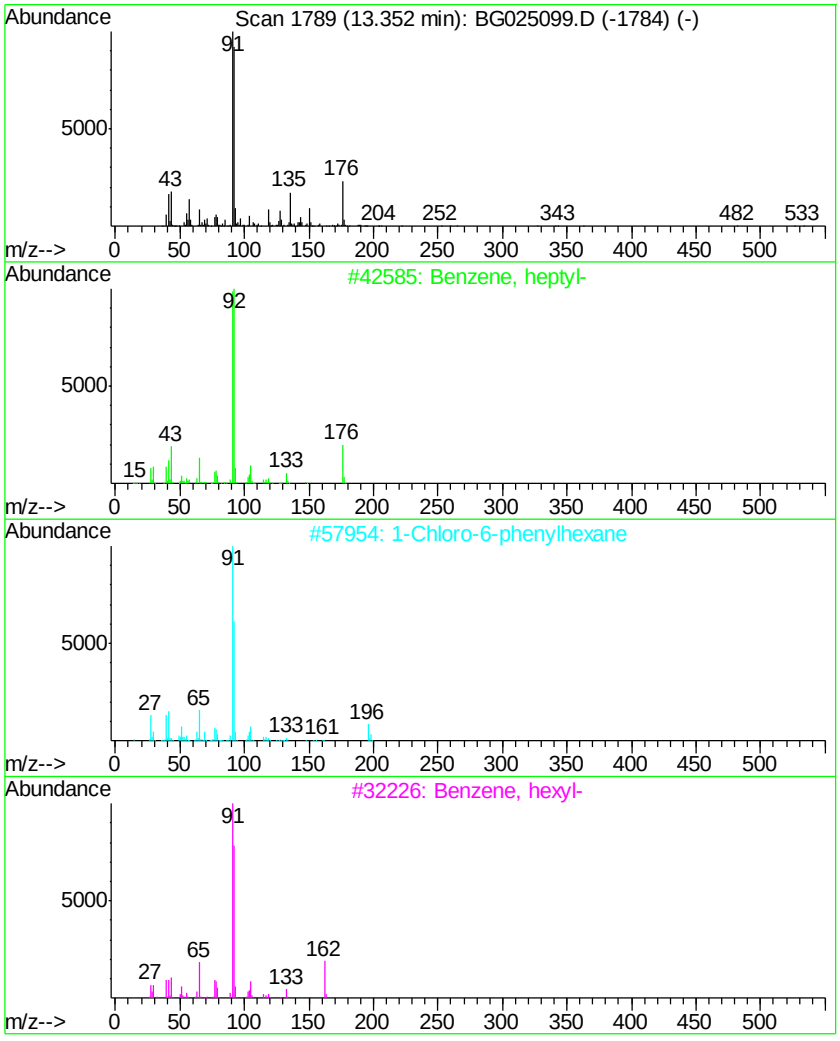
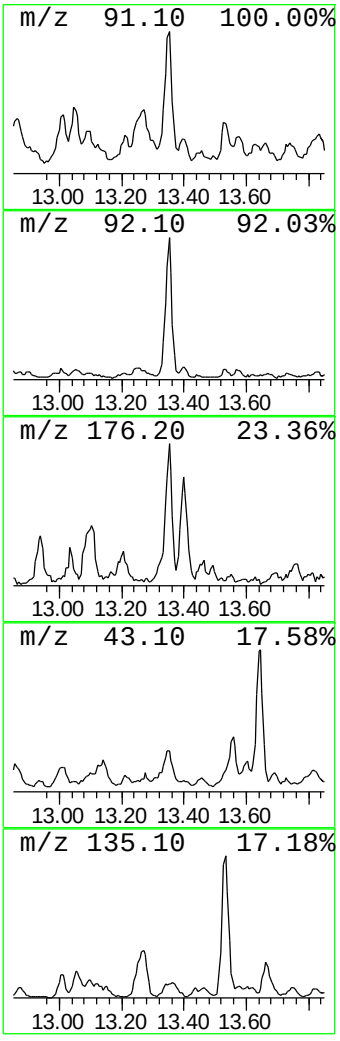
Peak Number 30 Benzene, heptyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	24.95 ng/ul	956571	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, heptyl-	176	C13H20	001078-71-3	53
2	1-Chloro-6-phenylhexane	196	C12H17Cl	071434-68-9	50
3	Benzene, hexyl-	162	C12H18	001077-16-3	50
4	Benzeneacetamide	135	C8H9NO	000103-81-1	50
5	Benzene, heptyl-	176	C13H20	001078-71-3	50





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Instrument : BNA_G
ClientSampleId : DA820

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

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

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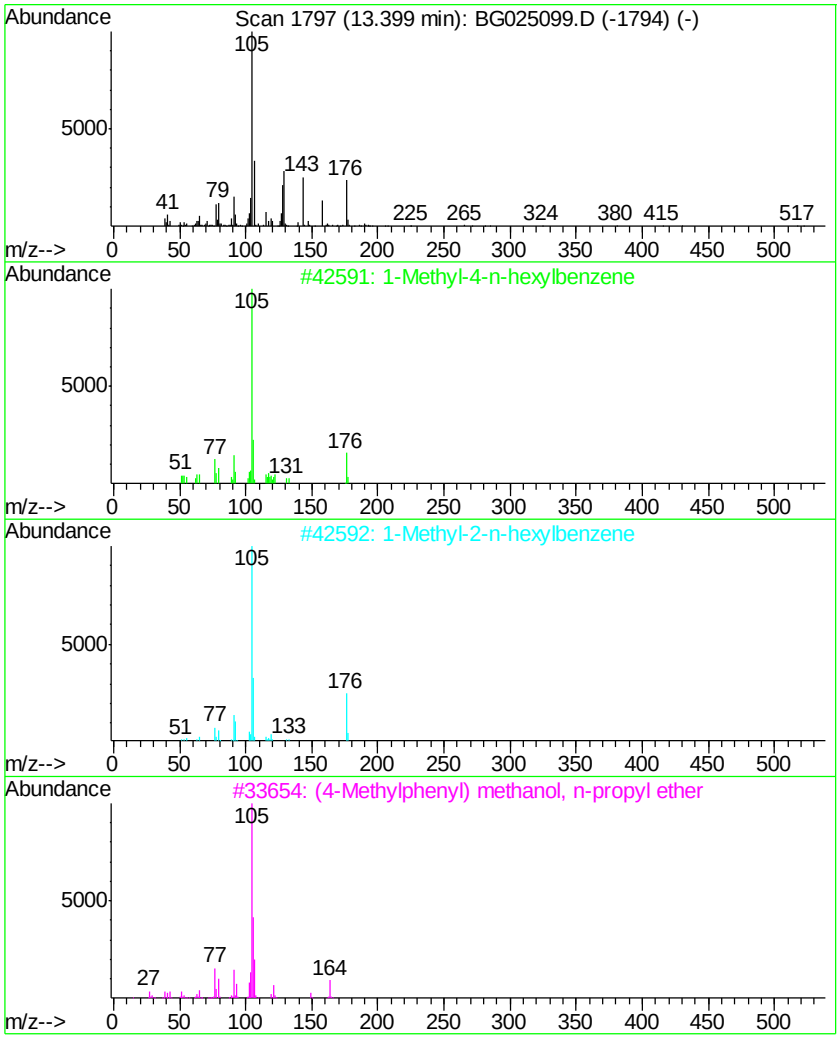
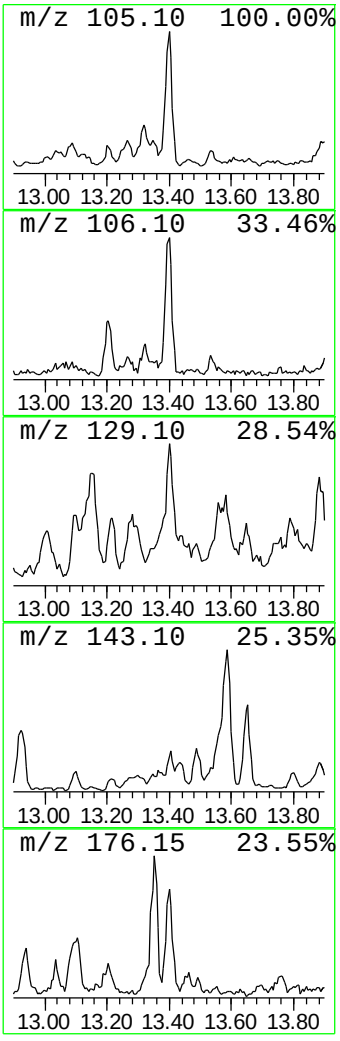
Peak Number 31 unknown-03 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	24.83 ng/ul	952048	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-4-n-hexylbenzene	176	C13H20	001595-01-3	38
2	1-Methyl-2-n-hexylbenzene	176	C13H20	001595-10-4	35
3	(4-Methylphenyl) methanol, n-pro...	164	C11H16O	1000374-65-4	22
4	Benzene, (1-methylhexyl)-	176	C13H20	002132-84-5	14
5	(4-Methylphenyl) methanol, 2-met...	192	C13H20O	1000374-66-4	10





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Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

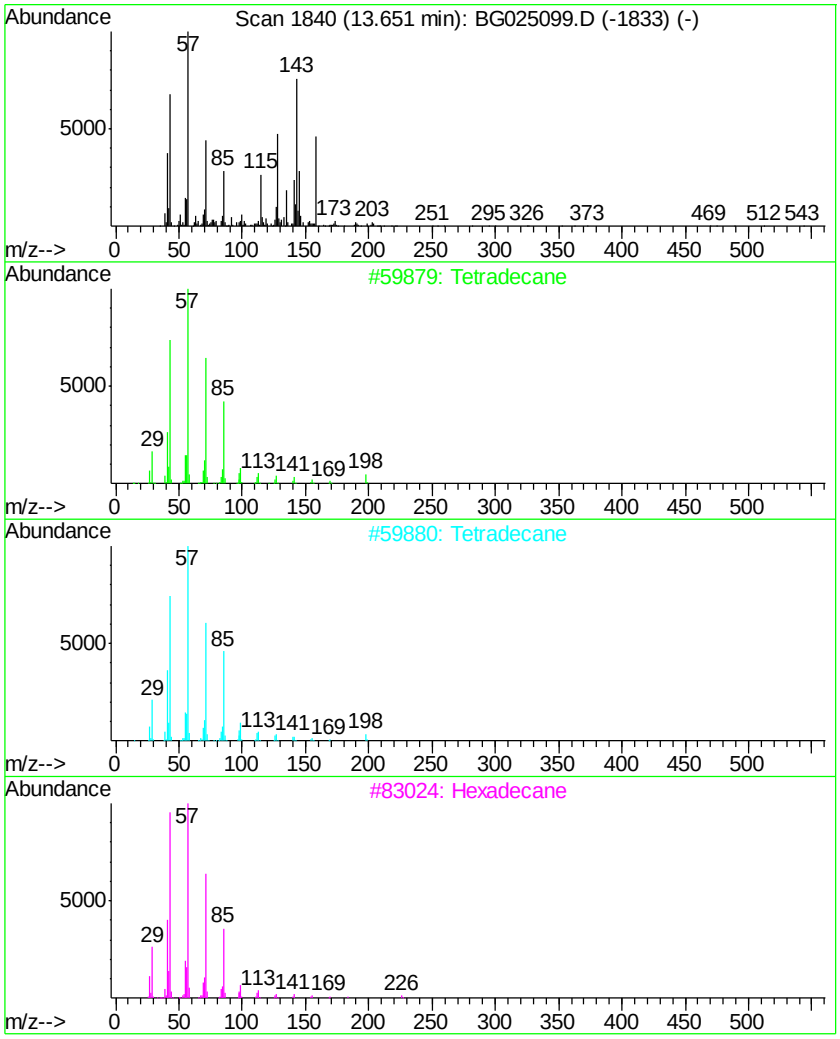
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

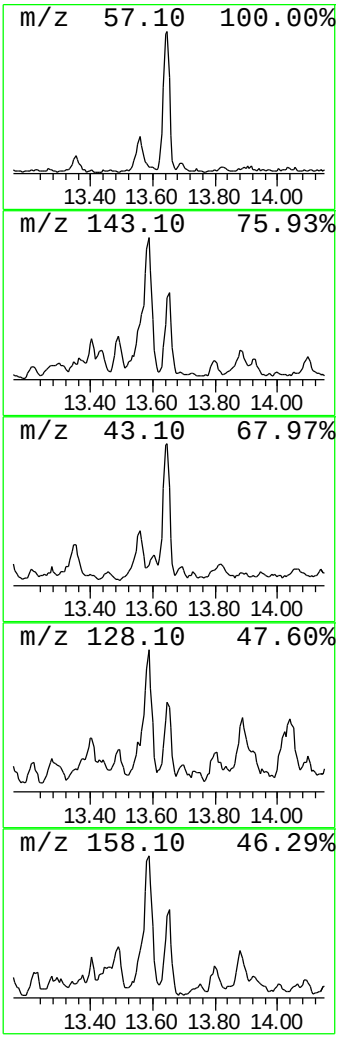
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	74.86 ng/ul	2870630	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	42
2	Tetradecane	198	C14H30	000629-59-4	42
3	Hexadecane	226	C16H34	000544-76-3	30
4	Hexadecane	226	C16H34	000544-76-3	30
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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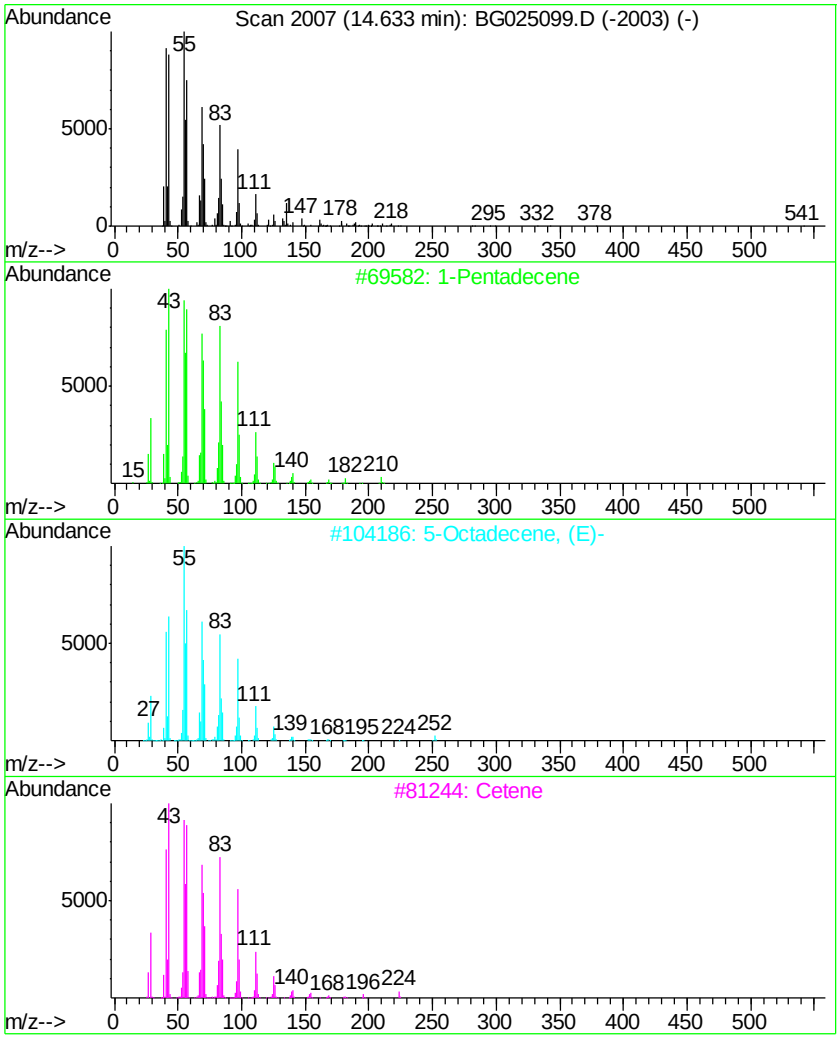
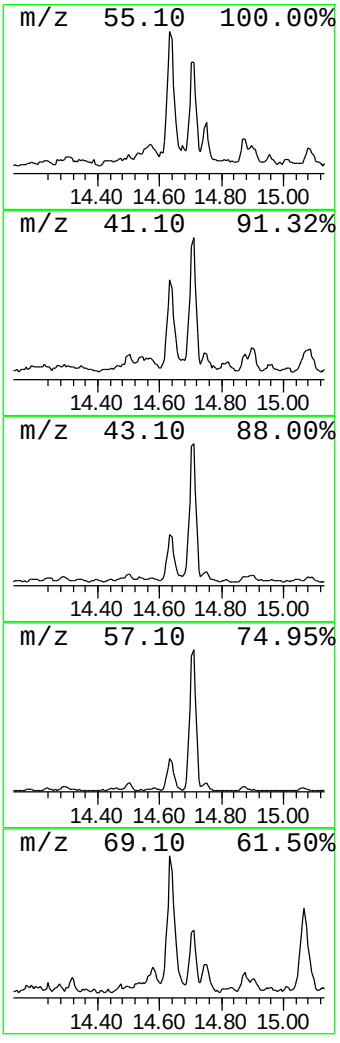
Peak Number 41 (DEL) Alkane: Cyclic1463 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	53.40 ng/ul	2047820	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	95
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3	Cetene	224	C16H32	000629-73-2	91
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	91
5	Cetene	224	C16H32	000629-73-2	91





Library Search Compound Report

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Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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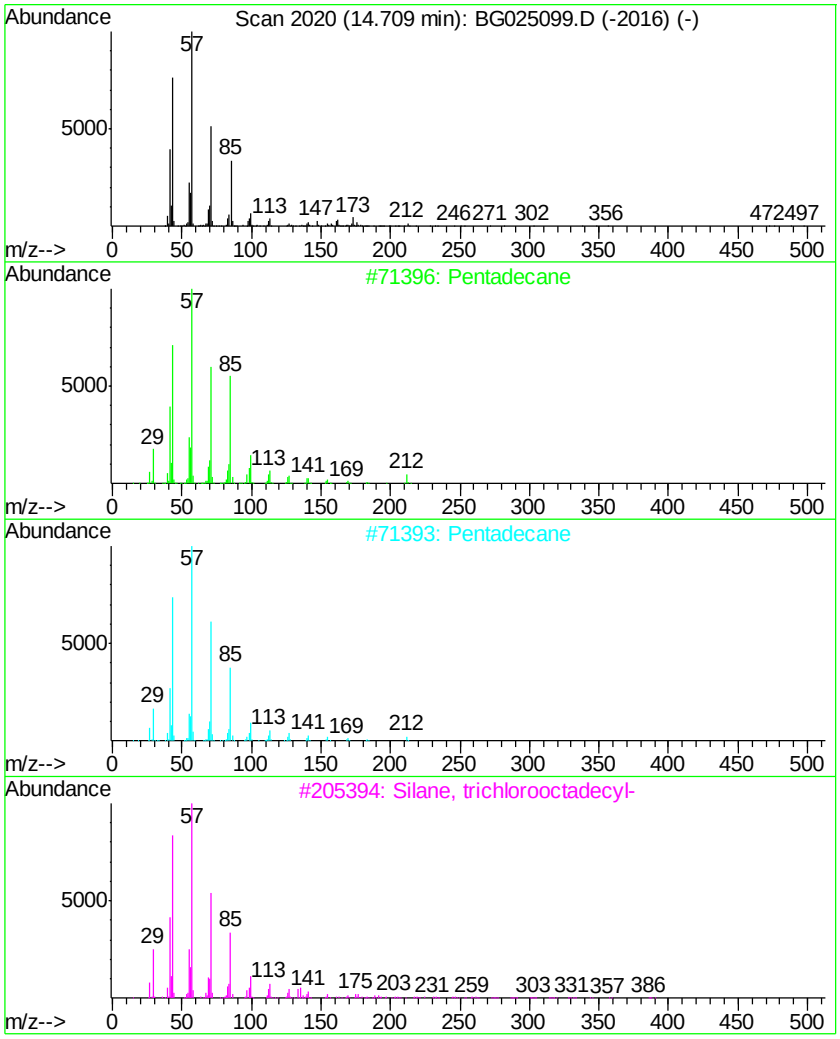
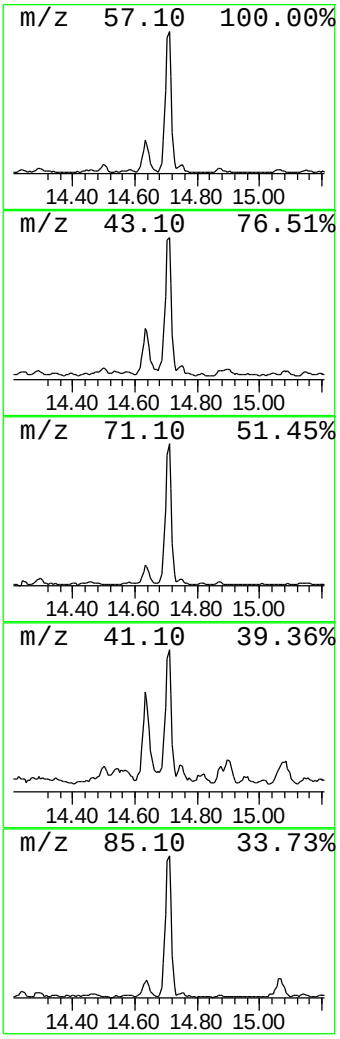
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	94.96 ng/ul	3641460	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Pentadecane	212	C15H32	000629-62-9	90
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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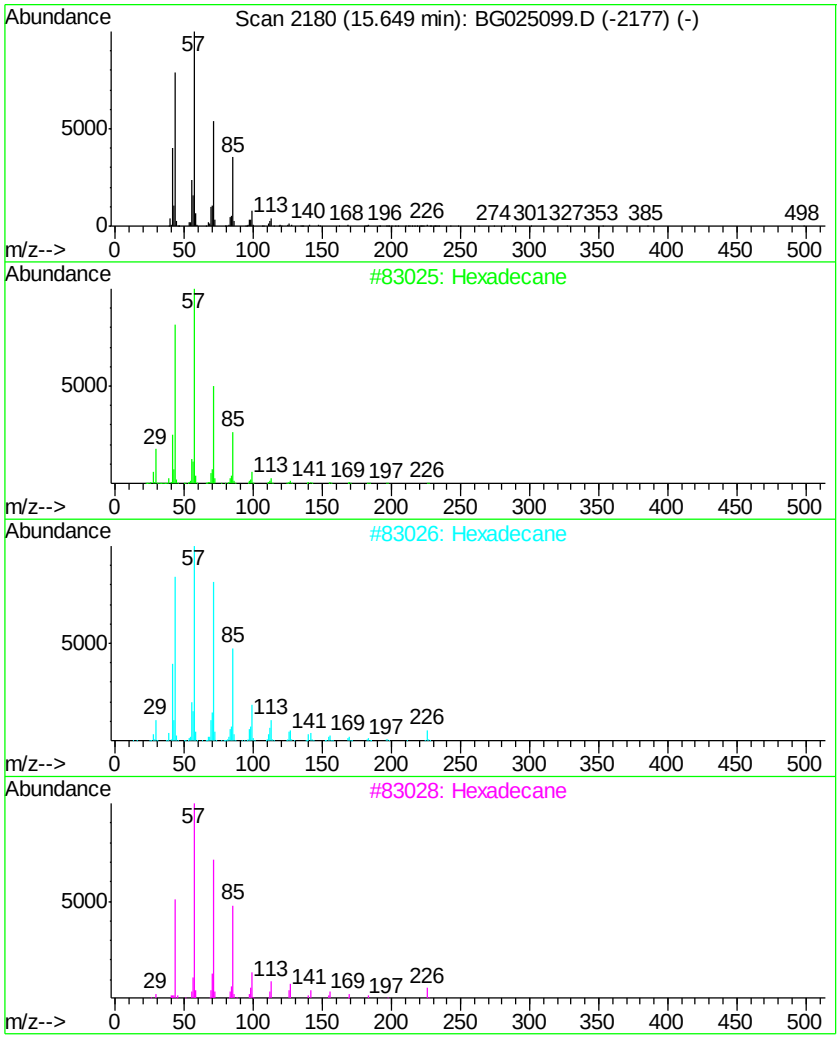
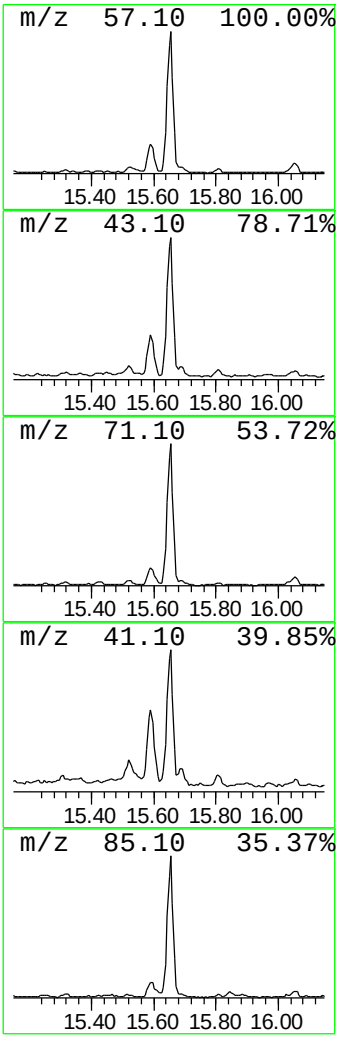
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	107.58 ng/ul	4125530	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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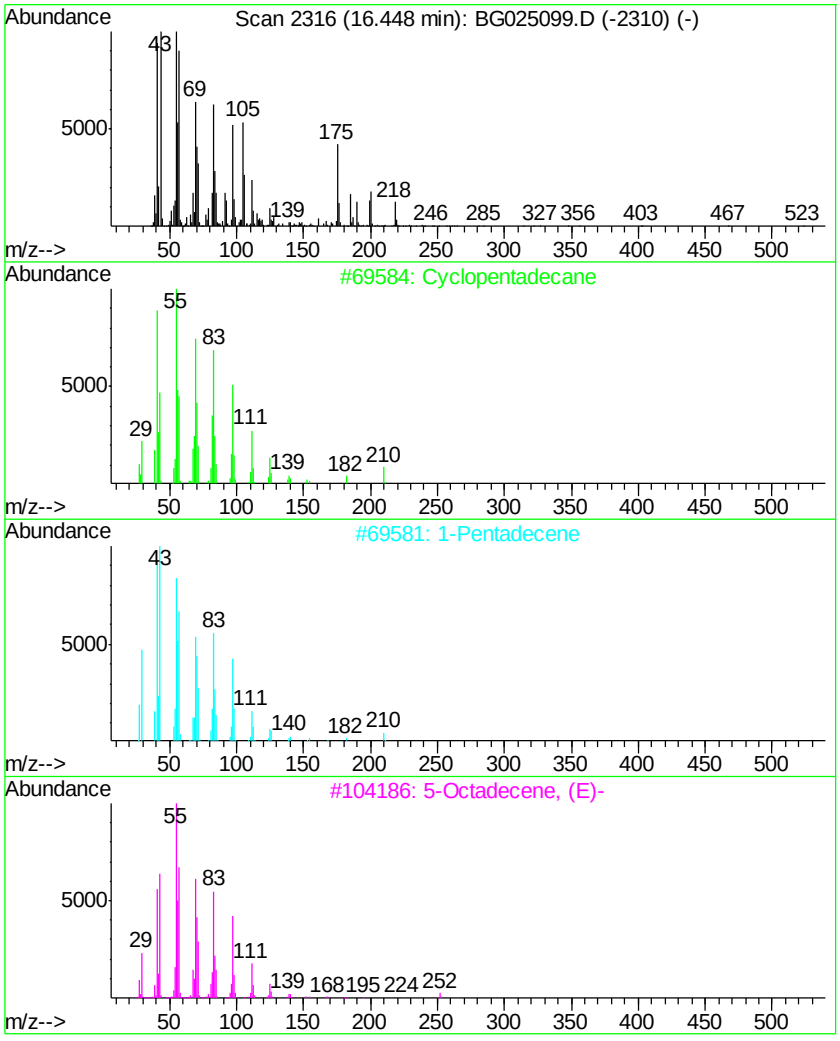
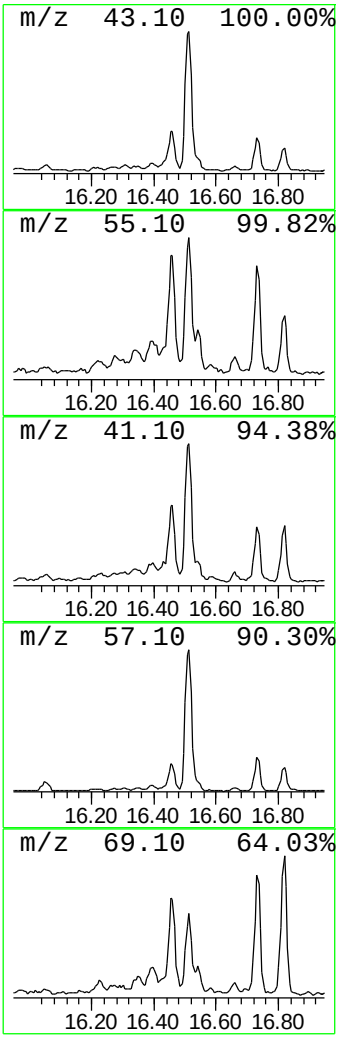
Peak Number 50 (DEL) Alkane: Cyclic16.45 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	50.27 ng/ul	3836040	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	89
2	1-Pentadecene	210	C15H30	013360-61-7	86
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	76
4	Cetene	224	C16H32	000629-73-2	76
5	11-Tricosene	322	C23H46	052078-56-5	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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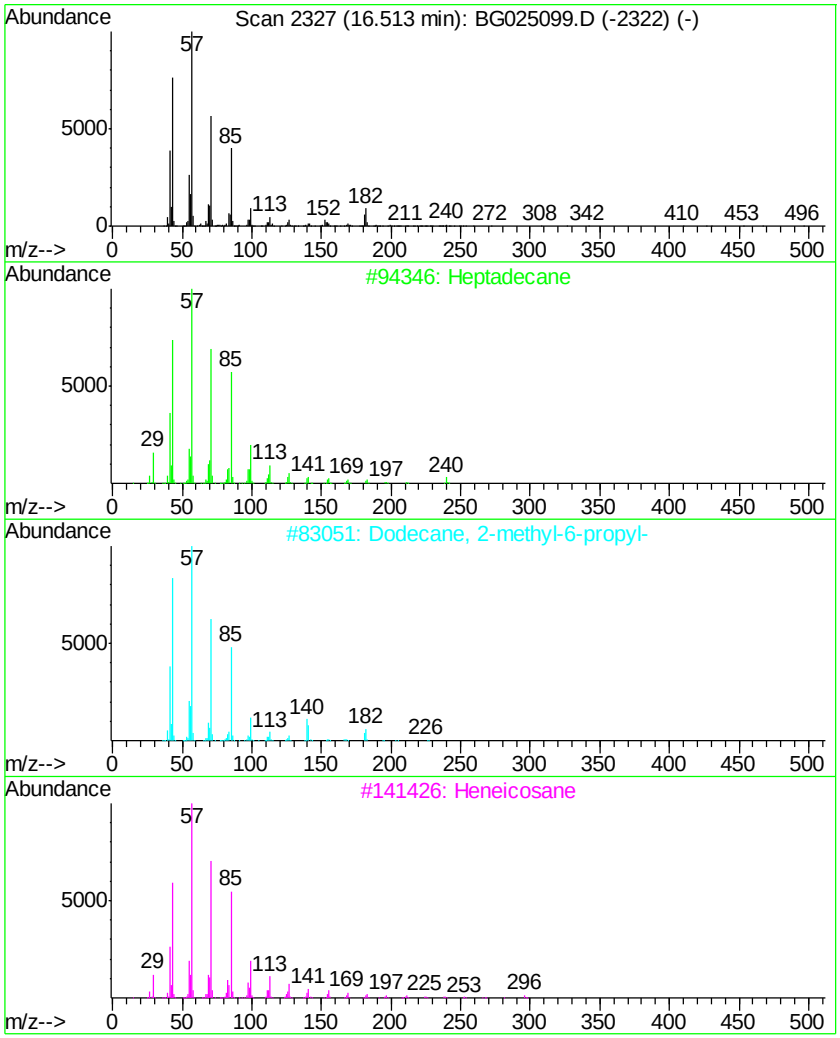
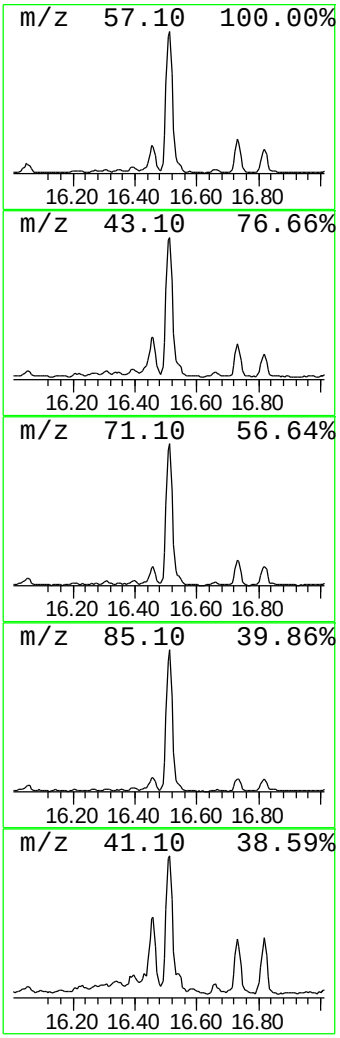
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	83.89 ng/ul	6402220	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Heneicosane	296	C21H44	000629-94-7	86
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tridecane	184	C13H28	000629-50-5	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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

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

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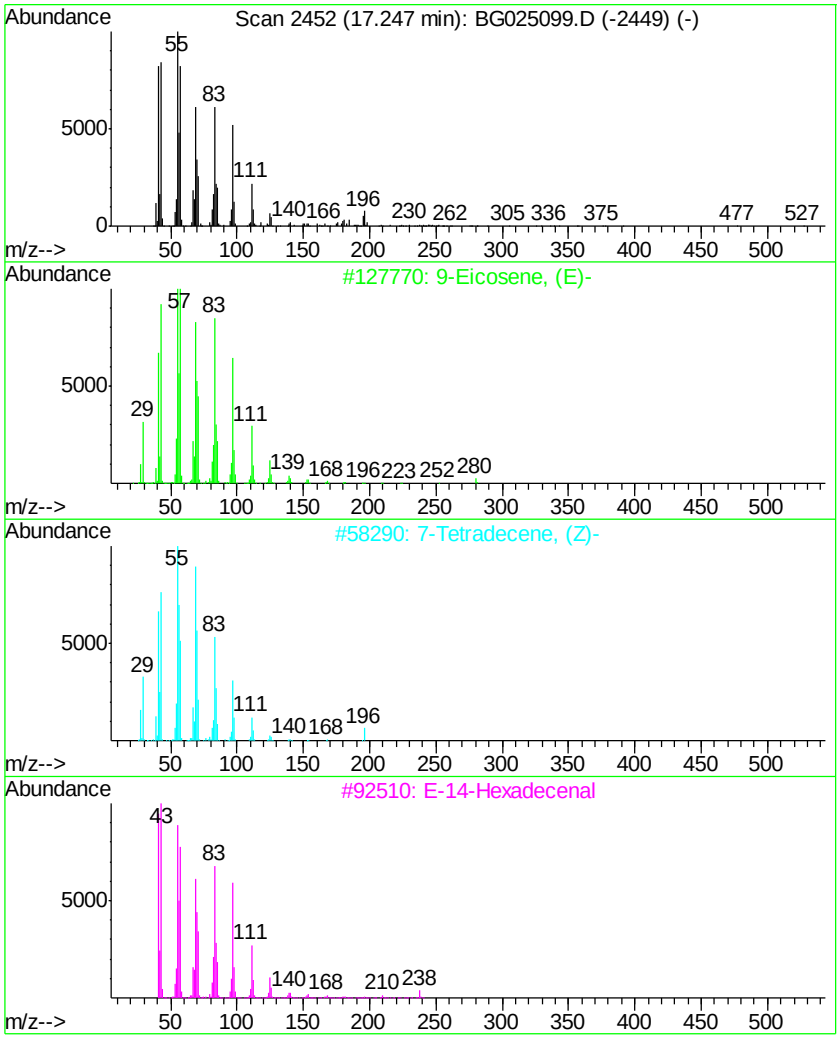
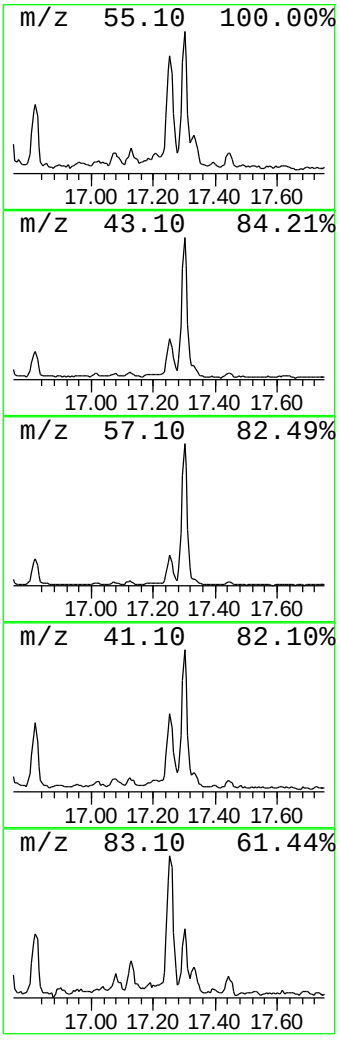
Peak Number 55 (DEL) Alkane: Cyclic17.25 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	28.80 ng/ul	2197770	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
2	7-Tetradecene, (Z)-	196	C14H28	041446-60-0	92
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
5	Cyclotetradecane	196	C14H28	000295-17-0	91





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Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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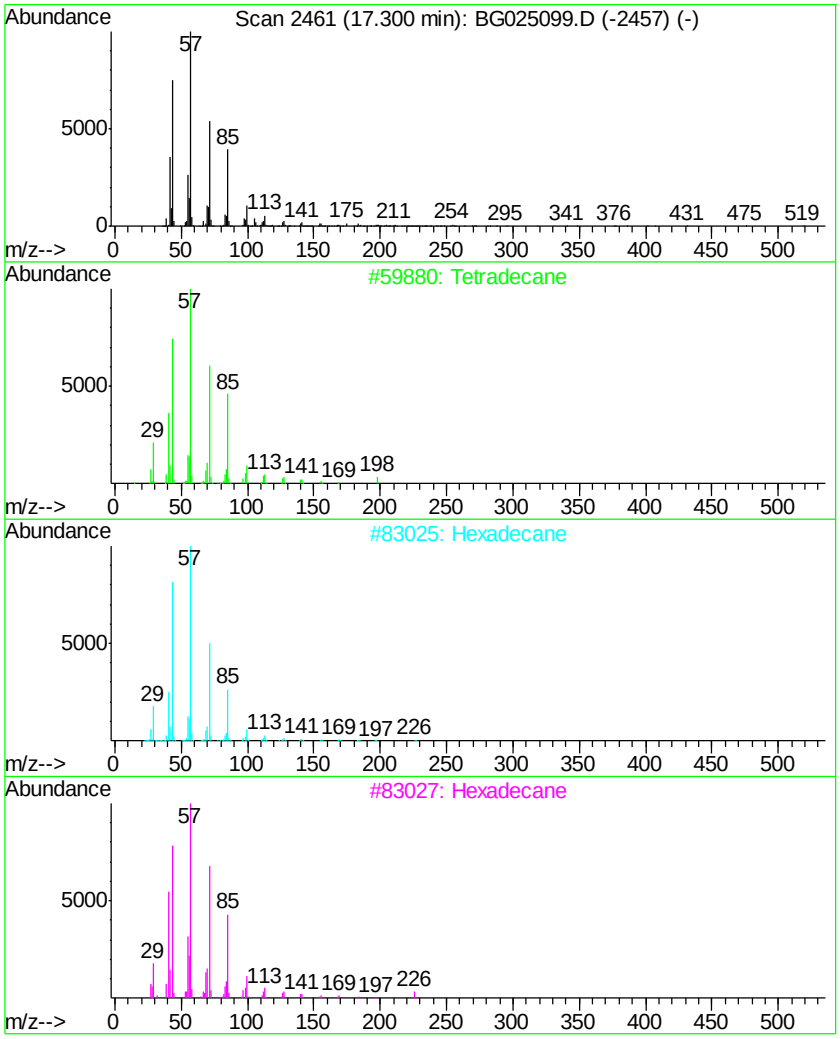
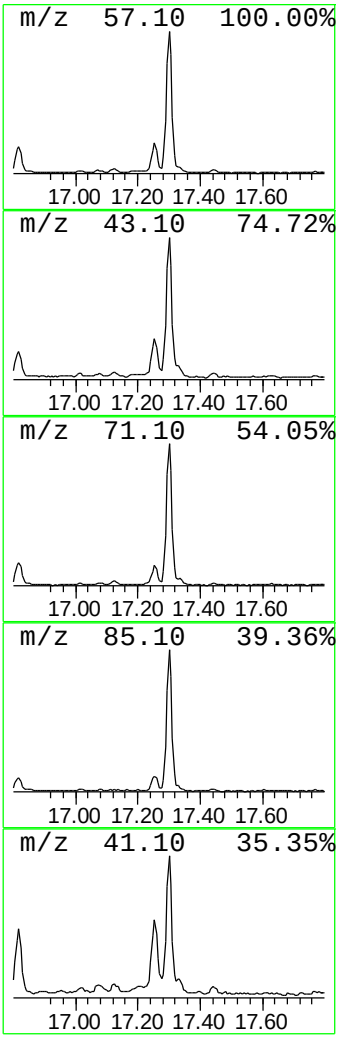
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	77.94 ng/ul	5948000	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	95
3	Hexadecane	226	C16H34	000544-76-3	95
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	94
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91





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Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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

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

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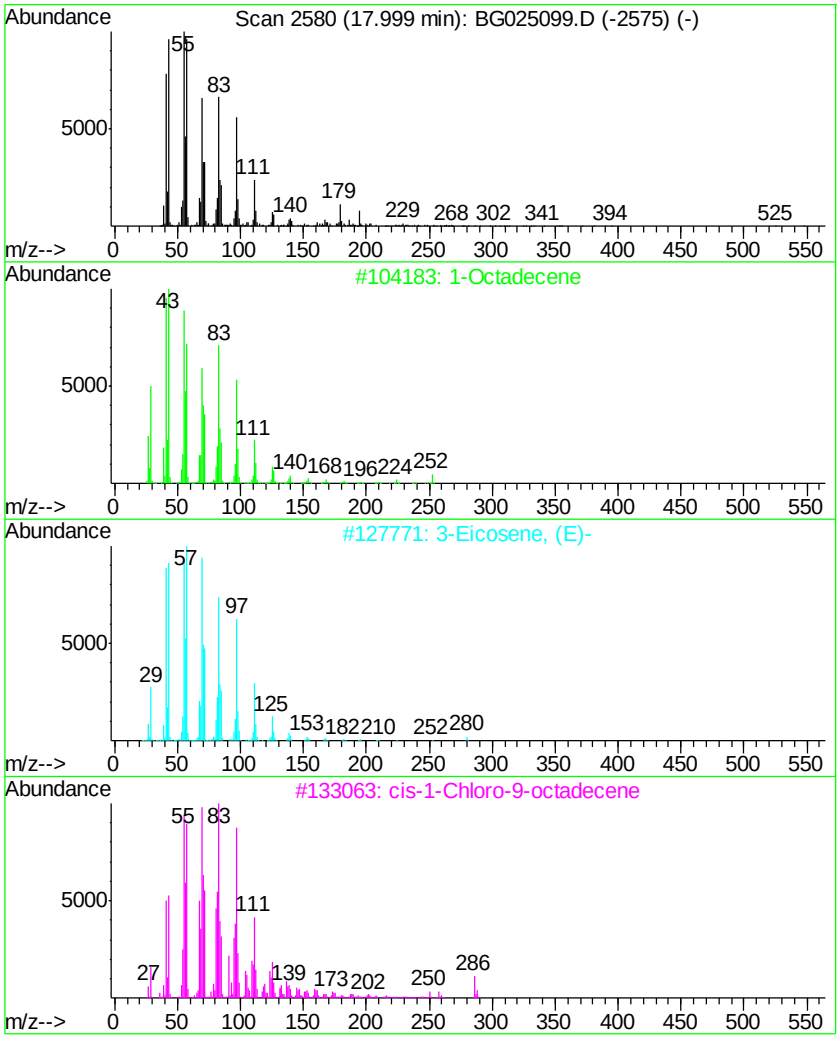
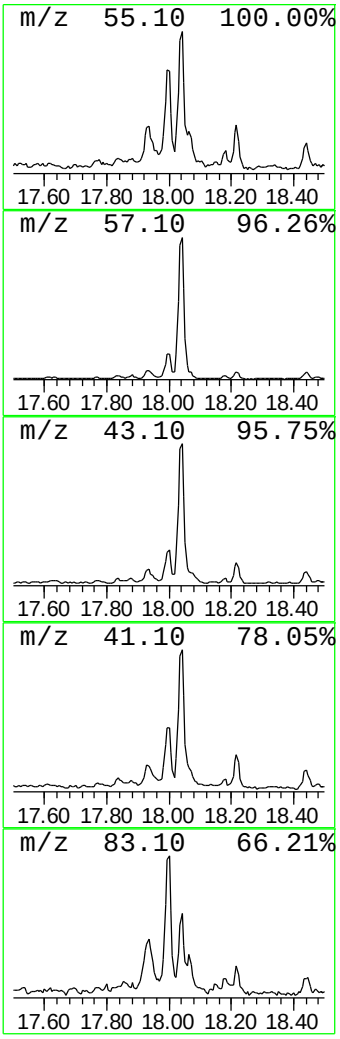
Peak Number 58 (DEL) Alkane: Cyclic18.00 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	21.55 ng/ul	1644800	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	90
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
3	cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	90
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	87
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	87





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Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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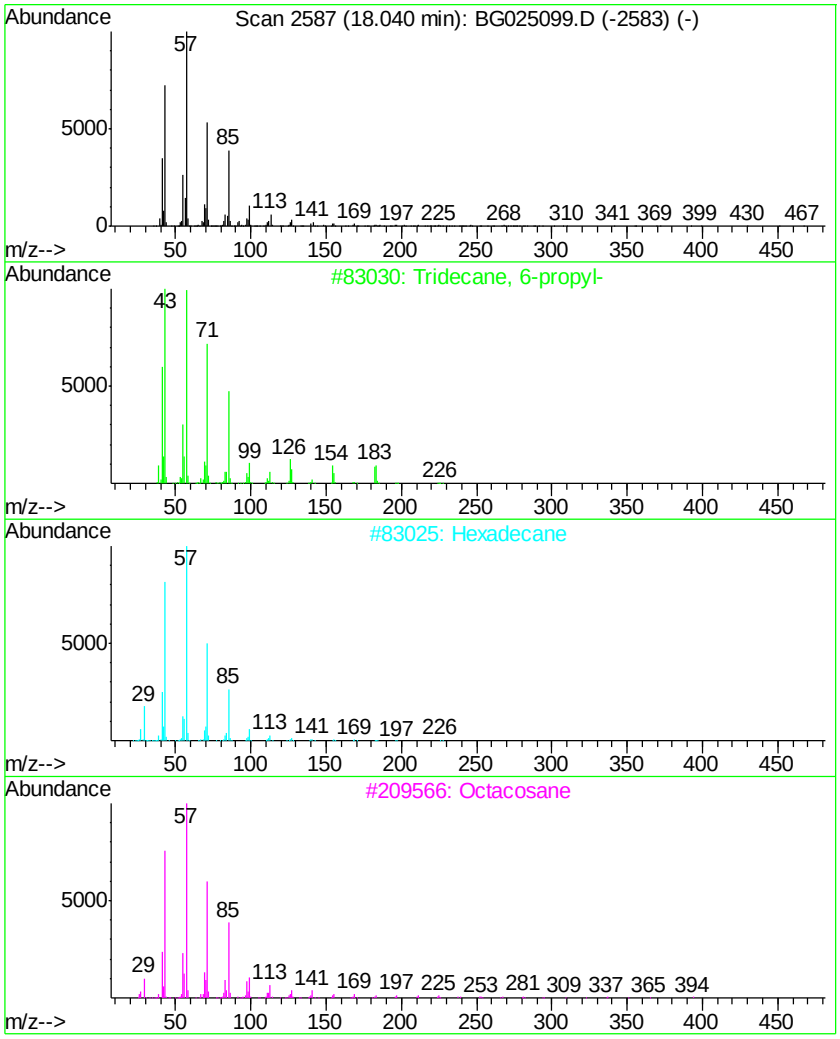
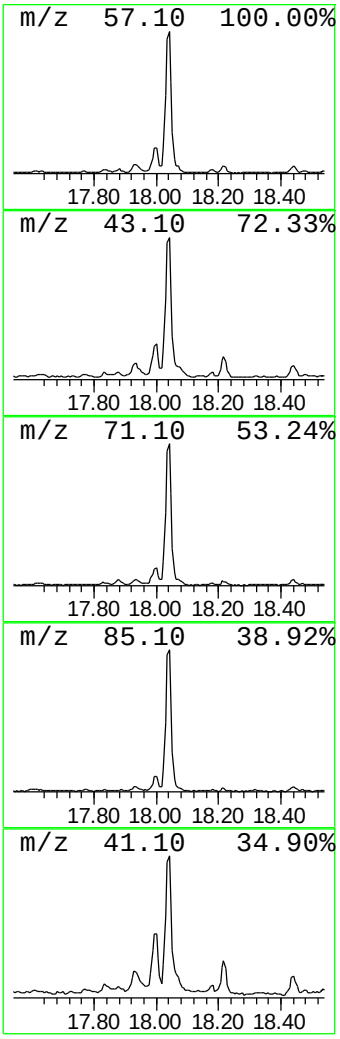
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	63.93 ng/ul	4879020	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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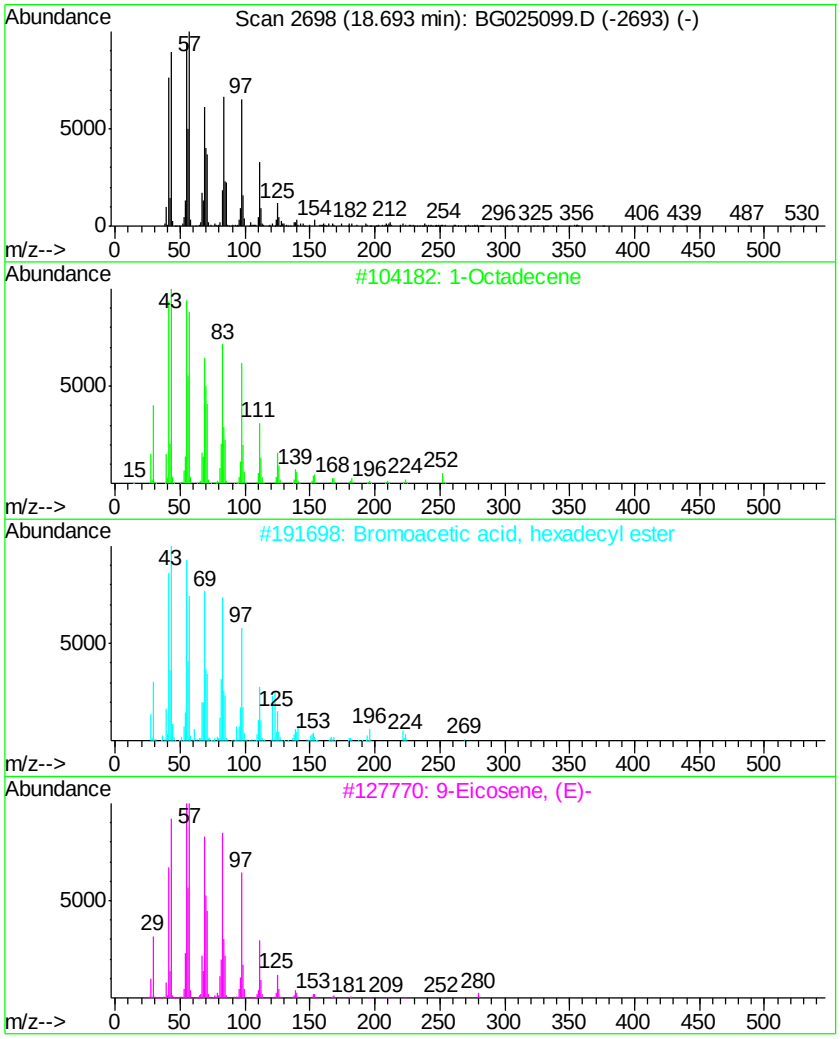
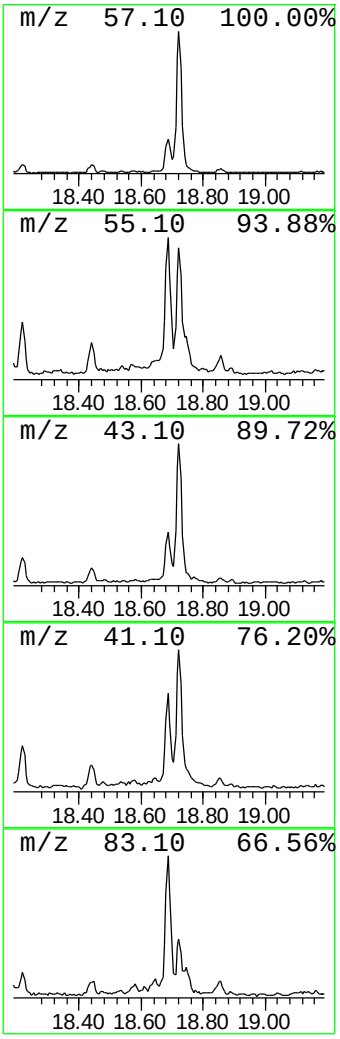
Peak Number 61 (DEL) Alkane: Cyclic18.69 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	19.34 ng/ul	1476180	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	94
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	11-Tricosene	322	C23H46	052078-56-5	87





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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Quant Title : SVOA CALIBRATION

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

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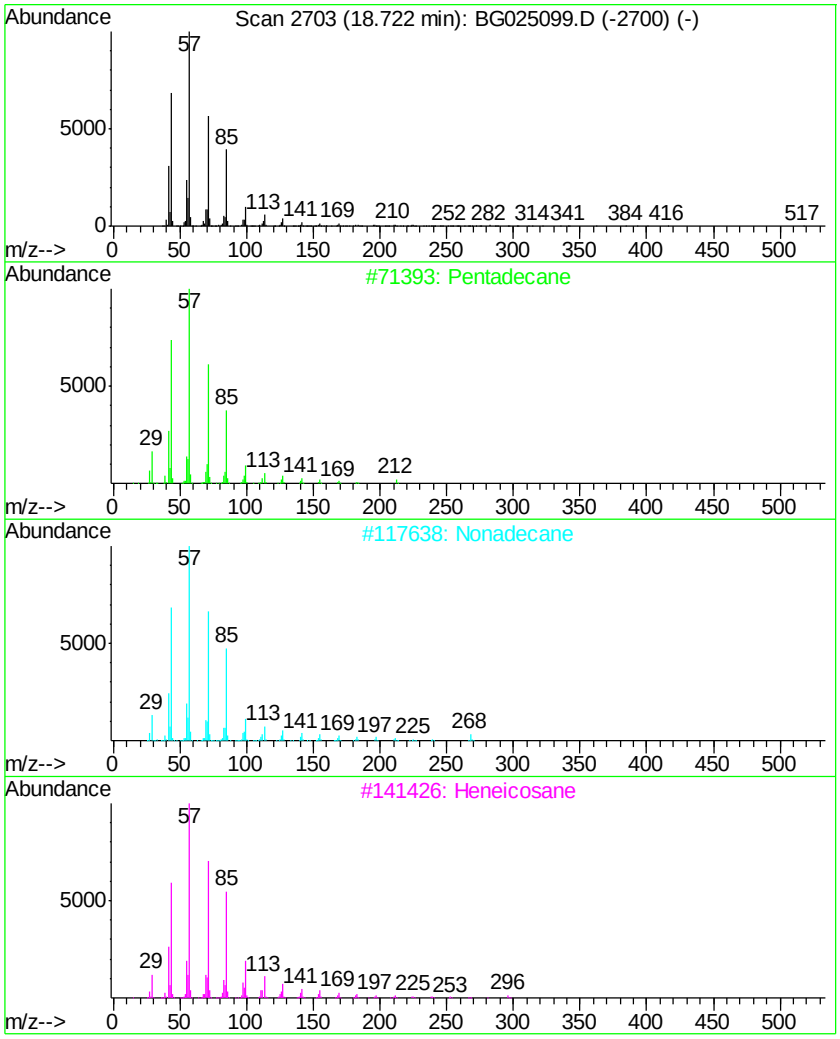
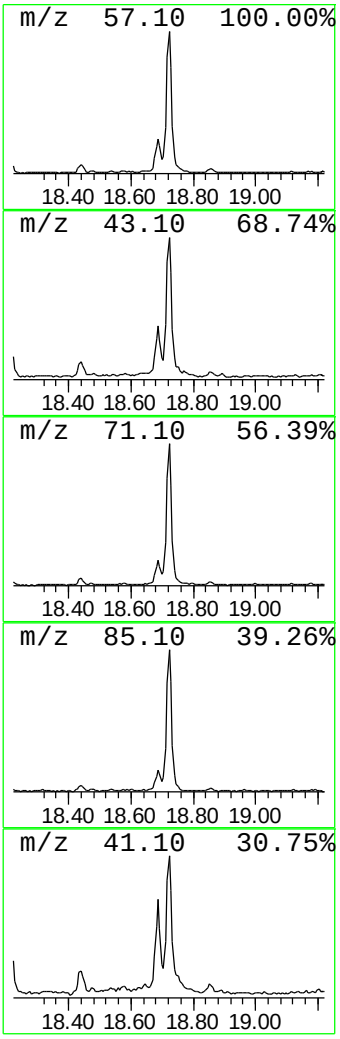
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	47.24 ng/ul	3604920	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	87
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Library Search Compound Report

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Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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

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

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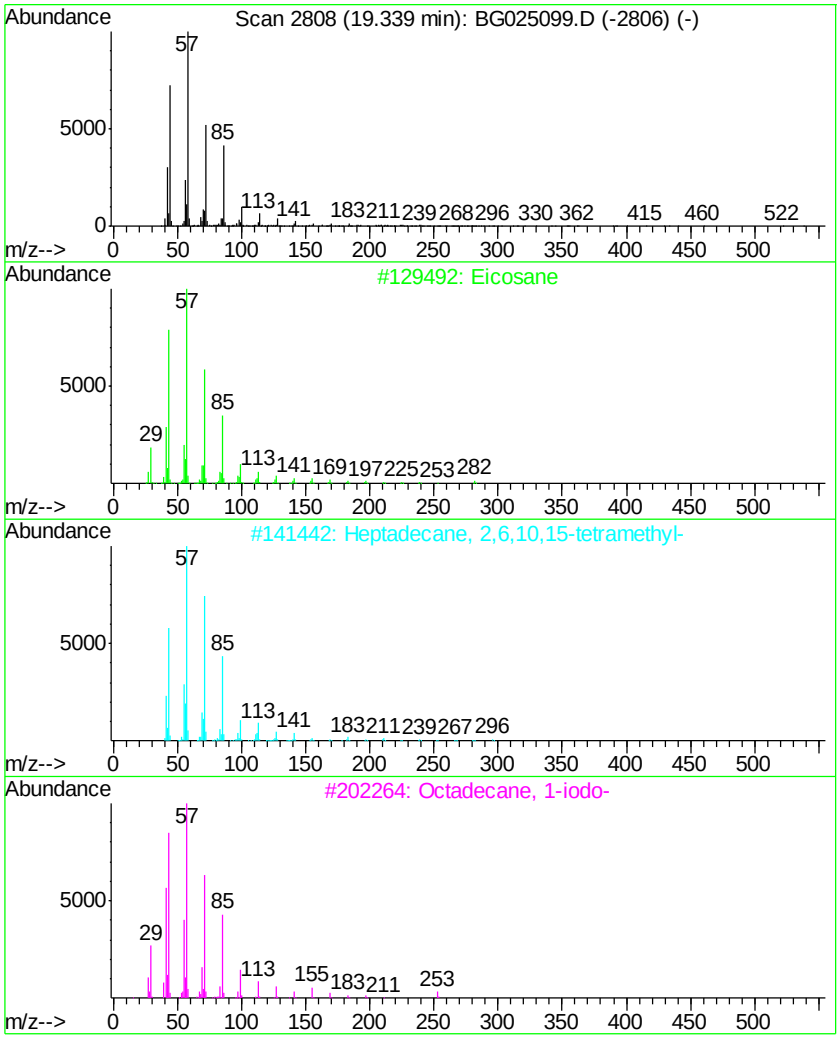
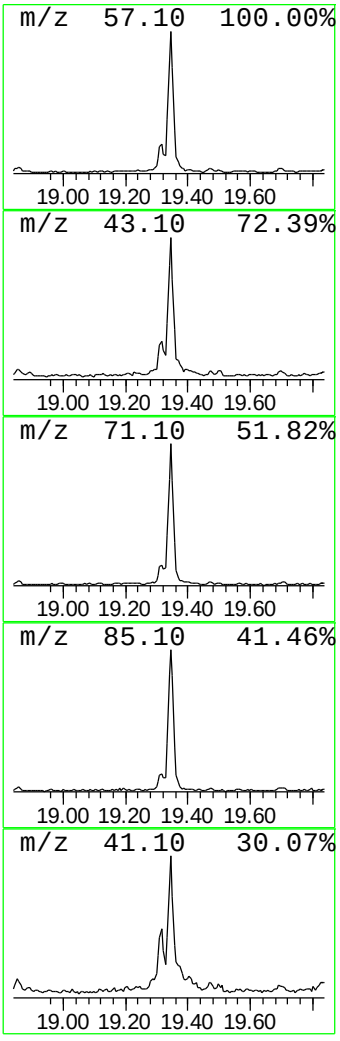
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	30.88 ng/ul	2356890	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	87
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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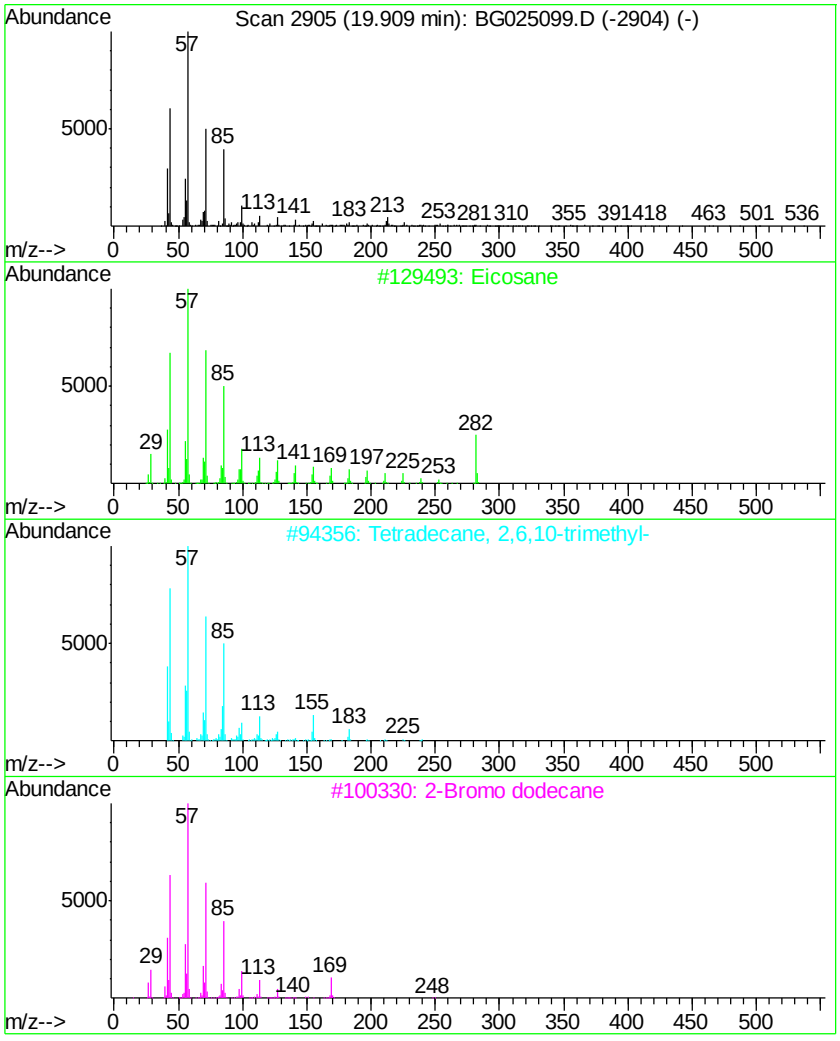
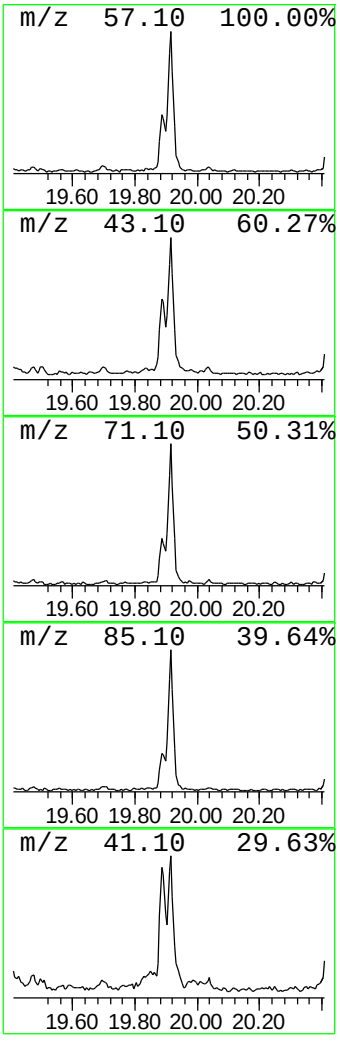
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	12.75 ng/ul	1489940	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
5	Pentadecane	212	C15H32	000629-62-9	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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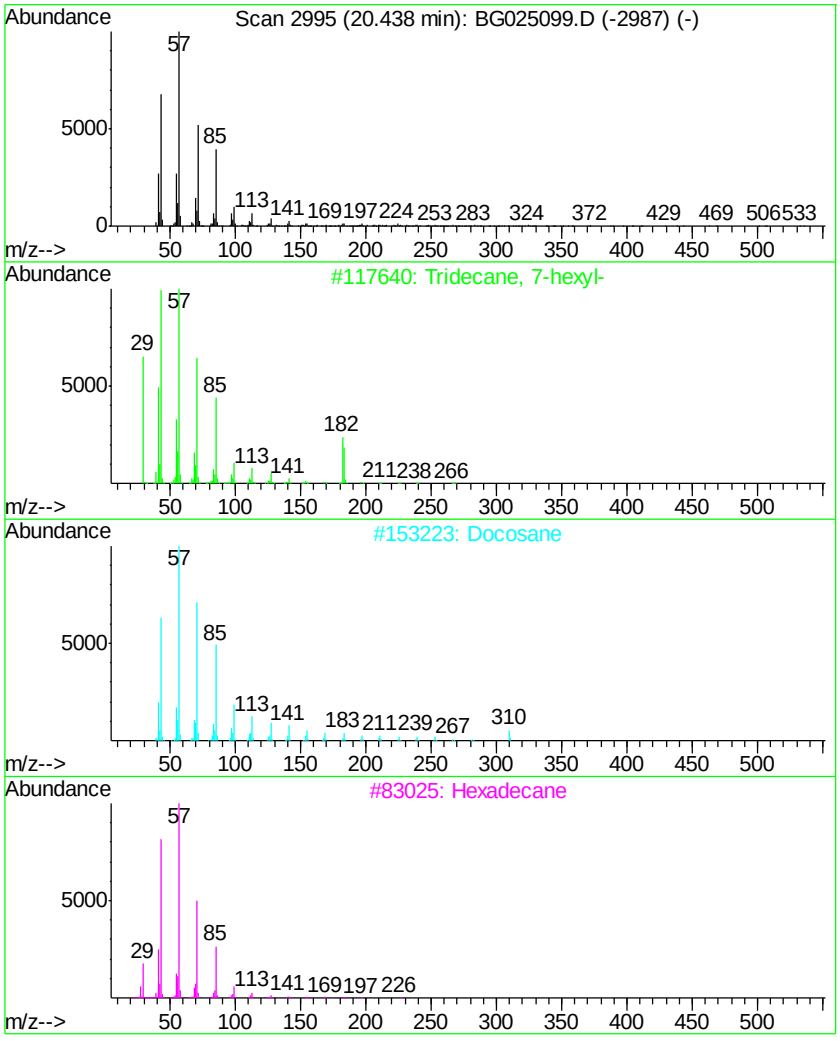
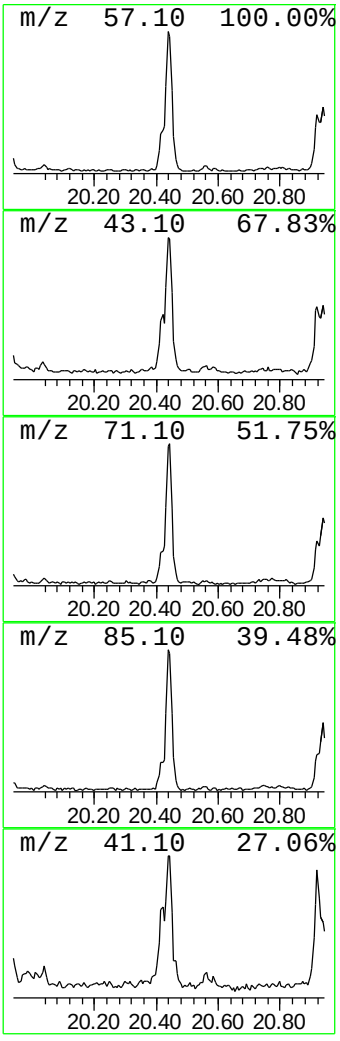
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	19.21 ng/ul	2244730	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	96
2	Docosane	310	C22H46	000629-97-0	94
3	Hexadecane	226	C16H34	000544-76-3	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane	282	C20H42	000112-95-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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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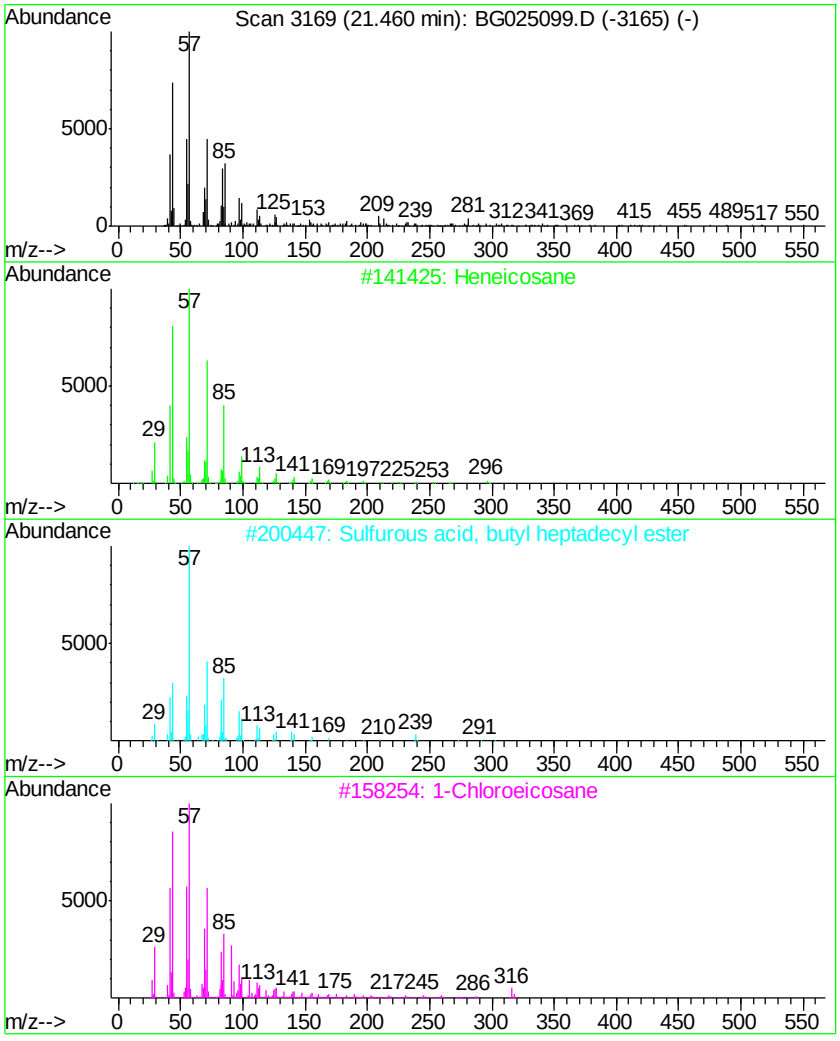
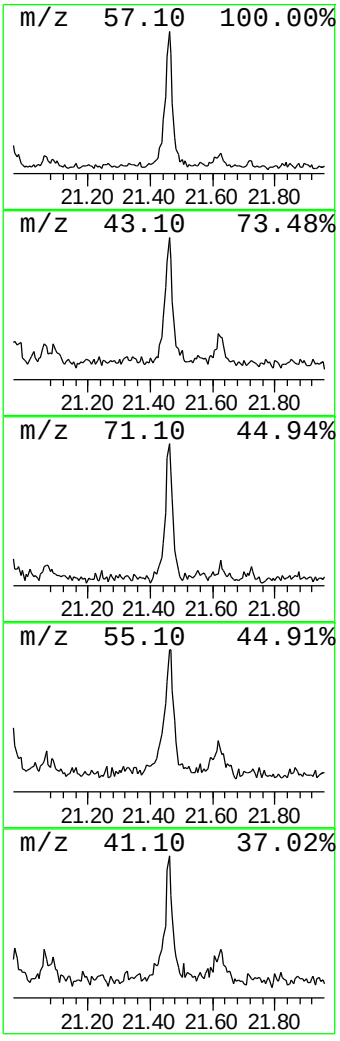
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	6.52 ng/ul	762474	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	83
3	1-Chloroeicosane	316	C20H41Cl	042217-02-7	74
4	Tetratetracontane	619	C44H90	007098-22-8	72
5	Tritetracontane	605	C43H88	007098-21-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025099.D
Acq On : 11 Dec 2016 11:37
Operator : UM/SJ
Sample : H5905-21
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA820

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,2,3-tr...	7.87	26.6	ng/ul	1022870	1	8.23	769202	20.0
Tetracyclo[3.3.1....	8.87	19.9	ng/ul	765554	1	8.23	769202	20.0
Cinnamaldehyde, (E)-	9.60	19.7	ng/ul	756298	1	8.23	769202	20.0
Benzofuran, 7-met...	9.71	10.6	ng/ul	1484580	2	11.07	2803660	20.0
Benzofuran, 2-met...	9.79	20.4	ng/ul	2859280	2	11.07	2803660	20.0
Phenol, 3-ethyl-	10.48	20.9	ng/ul	2925970	2	11.07	2803660	20.0
2-Decanone	10.88	13.2	ng/ul	1856230	2	11.07	2803660	20.0
(DEL) Alkane: Str...	10.98	5.7	ng/ul	801520	2	11.07	2803660	20.0
Cinnoline, 1,2-di...	11.30	30.8	ng/ul	4311410	2	11.07	2803660	20.0
1H-Benzimidazole,...	11.42	25.9	ng/ul	3637460	2	11.07	2803660	20.0
1H-Benzimidazole,...	11.54	16.1	ng/ul	2249920	2	11.07	2803660	20.0
Phenol, 4-ethyl-3...	11.58	7.2	ng/ul	1010740	2	11.07	2803660	20.0
3-Buten-2-one, 4-...	11.64	7.6	ng/ul	1066140	2	11.07	2803660	20.0
Phenol, 3-propyl-	11.87	26.7	ng/ul	3746670	2	11.07	2803660	20.0
Furan, 2,2'-methy...	12.07	13.8	ng/ul	1933490	2	11.07	2803660	20.0
1H-Indene, 1,3-di...	12.26	20.2	ng/ul	2836720	2	11.07	2803660	20.0
1H-Inden-1-one, 2...	12.37	6.6	ng/ul	921606	2	11.07	2803660	20.0
(DEL) Alkane: Str...	12.42	16.8	ng/ul	2357920	2	11.07	2803660	20.0
2-Methyl-6-propyl...	12.83	14.7	ng/ul	2061920	2	11.07	2803660	20.0
Naphthalene, 1-me...	12.92	39.6	ng/ul	5555900	2	11.07	2803660	20.0
2,5,6-Trimethylbe...	13.01	95.0	ng/ul	3643820	3	14.86	766944	20.0
unknown-01	13.05	41.4	ng/ul	1589070	3	14.86	766944	20.0
Benzene, 1,3,5-tr...	13.10	90.1	ng/ul	3456460	3	14.86	766944	20.0
p-Cresol	13.21	50.9	ng/ul	1952400	3	14.86	766944	20.0
unknown-02	13.27	59.4	ng/ul	2278990	3	14.86	766944	20.0
Benzene, heptyl-	13.35	24.9	ng/ul	956571	3	14.86	766944	20.0
unknown-03	13.40	24.8	ng/ul	952048	3	14.86	766944	20.0
(DEL) Alkane: Str...	13.65	74.9	ng/ul	2870630	3	14.86	766944	20.0
(DEL) Alkane: Cyc...	14.63	53.4	ng/ul	2047820	3	14.86	766944	20.0
(DEL) Alkane: Str...	14.71	95.0	ng/ul	3641460	3	14.86	766944	20.0
(DEL) Alkane: Str...	15.65	107.6	ng/ul	4125530	3	14.86	766944	20.0
(DEL) Alkane: Cyc...	16.45	50.3	ng/ul	3836040	4	17.60	1526290	20.0
(DEL) Alkane: Str...	16.51	83.9	ng/ul	6402220	4	17.60	1526290	20.0
(DEL) Alkane: Cyc...	17.25	28.8	ng/ul	2197770	4	17.60	1526290	20.0
(DEL) Alkane: Str...	17.30	77.9	ng/ul	5948000	4	17.60	1526290	20.0
(DEL) Alkane: Cyc...	18.00	21.6	ng/ul	1644800	4	17.60	1526290	20.0
(DEL) Alkane: Str...	18.04	63.9	ng/ul	4879020	4	17.60	1526290	20.0
(DEL) Alkane: Cyc...	18.69	19.3	ng/ul	1476180	4	17.60	1526290	20.0
(DEL) Alkane: Str...	18.72	47.2	ng/ul	3604920	4	17.60	1526290	20.0
(DEL) Alkane: Str...	19.34	30.9	ng/ul	2356890	4	17.60	1526290	20.0
(DEL) Alkane: Str...	19.91	12.8	ng/ul	1489940	5	21.89	2337610	20.0
(DEL) Alkane: Str...	20.44	19.2	ng/ul	2244730	5	21.89	2337610	20.0
(DEL) Alkane: Str...	21.46	6.5	ng/ul	762474	5	21.89	2337610	20.0