LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023550.D
Acq On : 9 Aug 2016 1:32
Operator : UM/SJ
Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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	3.848	167	172	178	rVB7	8057	17161	0.37%	0.028%
2	4.247	235	240	246	rBV5	15998	26192	0.56%	0.043%
3	6.297	587	589	594	rVB5	10261	16484	0.35%	0.027%
4	7.190	736	741	743	rBV6	12620	16516	0.35%	0.027%
5	7.273	747	755	760	rBV	178846	331944	7.09%	0.542%
6	7.320	760	763	767	rVB5	19652	31313	0.67%	0.051%
7	7.431	775	782	788	rBV	604148	972556	20.77%	1.589%
8	7.496	788	793	797	rVV	26460	43733	0.93%	0.071%
9	7.643	811	818	830	rVB	620341	1098958	23.47%	1.796%
10	7.748	832	836	841	rBV4	29884	52603	1.12%	0.086%
11	8.113	891	898	907	rVV	557211	987495	21.09%	1.614%
12	8.177	907	909	912	rVV4	17752	21002	0.45%	0.034%
13	8.224	912	917	926	rVB2	81742	143449	3.06%	0.234%
14	8.494	958	963	969	rVB4	29701	53493	1.14%	0.087%
15	8.606	978	982	987	rVV5	22141	38822	0.83%	0.063%
16	8.759	1002	1008	1010	rVV5	14521	23813	0.51%	0.039%
17	8.829	1012	1020	1030	rVV	525558	983157	21.00%	1.607%
18	8.923	1030	1036	1042	rVV3	31984	63262	1.35%	0.103%
19	9.000	1044	1049	1054	rBV9	19847	30853	0.66%	0.050%
20	9.129	1067	1071	1076	rVB7	17315	28220	0.60%	0.046%
21	9.223	1082	1087	1092	rBV3	56501	98051	2.09%	0.160%
22	9.293	1092	1099	1110	rVV	757117	1463999	31.27%	2.392%
23	9.452	1122	1126	1128	rBV4	11900	14432	0.31%	0.024%
24	9.558	1140	1144	1151	rVB2	59225	106583	2.28%	0.174%
25	9.646	1155	1159	1166	rBV2	35924	66092	1.41%	0.108%
26	9.716	1168	1171	1174	rBV5	10555	14263	0.30%	0.023%
27	9.804	1183	1186	1192	rBV3	14176	25694	0.55%	0.042%
28	9.945	1202	1210	1214	rBV10	12869	32226	0.69%	0.053%
29	10.022	1214	1223	1231	rBV	681776	1258808	26.88%	2.057%
30	10.116	1235	1239	1243	rBV6	20926	31285	0.67%	0.051%
31	10.180	1247	1250	1253	rBV5	16489	25268	0.54%	0.041%
32	10.339	1269	1277	1283	rBV4	176621	361595	7.72%	0.591%
33	10.410	1284	1289	1292	rBV7	17271	30334	0.65%	0.050%
34	10.509	1302	1306	1309	rVB5	19331	27602	0.59%	0.045%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023550.D
Acq On : 9 Aug 2016 1:32
Operator : UM/SJ
Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Title : SVOA CALIBRATION

35	10.568	1309	1316	1324	rBV	960774	1773091	37.87%	2.897%
36	10.633	1324	1327	1328	rBV3	14913	14340	0.31%	0.023%
37	10.709	1336	1340	1345	rVB7	24164	44794	0.96%	0.073%
38	10.833	1345	1361	1368	rBV5	166816	593659	12.68%	0.970%
39	10.885	1368	1370	1371	rVV2	23380	20178	0.43%	0.033%
40	10.950	1372	1381	1395	rVV	953433	2412142	51.51%	3.942%
41	11.044	1395	1397	1401	rVV3	42771	73863	1.58%	0.121%
42	11.085	1401	1404	1410	rVB8	53594	106641	2.28%	0.174%
43	11.214	1419	1426	1434	rBV6	58534	172370	3.68%	0.282%
44	11.302	1437	1441	1448	rBV7	37230	80120	1.71%	0.131%
45	11.379	1450	1454	1459	rVB7	45930	79020	1.69%	0.129%
46	11.432	1461	1463	1464	rBV2	26223	20025	0.43%	0.033%
47	11.496	1470	1474	1478	rBV6	32401	48899	1.04%	0.080%
48	11.561	1480	1485	1488	rBV7	23042	42316	0.90%	0.069%
49	11.667	1498	1503	1510	rVB5	89351	167392	3.57%	0.274%
50	11.743	1511	1516	1522	rVV9	46823	99521	2.13%	0.163%
51	11.855	1531	1535	1540	rVB7	39443	68923	1.47%	0.113%
52	11.937	1544	1549	1557	rBV7	56757	118927	2.54%	0.194%
53	12.049	1562	1568	1577	rVB5	147812	302982	6.47%	0.495%
54	12.160	1579	1587	1591	rBV5	47964	119595	2.55%	0.195%
55	12.272	1601	1606	1612	rBV8	95616	229933	4.91%	0.376%
56	12.330	1613	1616	1621	rVV6	84789	152241	3.25%	0.249%
57	12.413	1621	1630	1637	rVV5	113288	327146	6.99%	0.535%
58	12.495	1637	1644	1652	rVB10	192961	424592	9.07%	0.694%
59	12.565	1652	1656	1658	rBV3	79580	124645	2.66%	0.204%
60	12.601	1659	1662	1670	rVB3	140758	249699	5.33%	0.408%
61	12.706	1671	1680	1690	rVB3	133638	368530	7.87%	0.602%
62	12.818	1691	1699	1705	rBV2	395813	813337	17.37%	1.329%
63	13.065	1737	1741	1746	rBV6	82929	143164	3.06%	0.234%
64	13.188	1757	1762	1764	rBV6	54695	82999	1.77%	0.136%
65	13.282	1772	1778	1786	rVB9	78211	201677	4.31%	0.330%
66	13.358	1786	1791	1793	rBV5	72078	117363	2.51%	0.192%
67	13.447	1802	1806	1809	rBV5	51228	98887	2.11%	0.162%
68	13.494	1812	1814	1819	rVV6	50324	77485	1.65%	0.127%
69	13.570	1819	1827	1831	rBV7	160139	395514	8.45%	0.646%
70	13.717	1848	1852	1860	rVB8	82914	209371	4.47%	0.342%
71	13.805	1860	1867	1868	rBV7	67540	131579	2.81%	0.215%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023550.D
Acq On : 9 Aug 2016 1:32
Operator : UM/SJ
Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Title : SVOA CALIBRATION

72	13.834	1868	1872	1878	rVB3	211376	328297	7.01%	0.536%
73	13.946	1880	1891	1897	rBV3	165422	534164	11.41%	0.873%
74	14.011	1898	1902	1906	rBV5	145463	235094	5.02%	0.384%
75	14.099	1911	1917	1921	rVV3	206878	456894	9.76%	0.747%
76	14.175	1923	1930	1938	rVB	2101470	3338922	71.31%	5.456%
77	14.251	1939	1943	1947	rBV6	131102	219483	4.69%	0.359%
78	14.328	1954	1956	1960	rBV3	51096	58989	1.26%	0.096%
79	14.369	1960	1963	1968	rBV7	62990	90524	1.93%	0.148%
80	14.475	1975	1981	1991	rVB	2081631	3600914	76.90%	5.884%
81	14.780	2027	2033	2039	rBV2	1466571	2416388	51.60%	3.949%
82	14.915	2052	2056	2061	rBV6	108825	175378	3.75%	0.287%
83	15.009	2062	2072	2076	rBV4	348809	818992	17.49%	1.338%
84	15.162	2093	2098	2101	rBV4	140544	254702	5.44%	0.416%
85	15.250	2109	2113	2116	rBV5	86896	140874	3.01%	0.230%
86	15.303	2118	2122	2127	rVB4	141358	233312	4.98%	0.381%
87	15.397	2135	2138	2143	rVB5	104129	173856	3.71%	0.284%
88	15.732	2191	2195	2197	rBV5	114752	171431	3.66%	0.280%
89	15.773	2197	2202	2207	rVV	2689220	3921328	83.74%	6.408%
90	15.896	2217	2223	2228	rBV	1174361	1942469	41.48%	3.174%
91	16.654	2350	2352	2358	rVB7	123309	164022	3.50%	0.268%
92	16.701	2358	2360	2361	rBV2	67101	55555	1.19%	0.091%
93	17.218	2444	2448	2457	rVB5	311308	496792	10.61%	0.812%
94	17.412	2478	2481	2485	rBV5	191776	300296	6.41%	0.491%
95	17.541	2497	2503	2508	rVB2	1784110	2699571	57.65%	4.411%
96	17.641	2515	2520	2527	rVB	3015946	4544539	97.05%	7.426%
97	19.932	2904	2910	2916	rBV	3091656	4682499	100.00%	7.652%
98	21.853	3231	3237	3244	rVB2	1668600	2845422	60.77%	4.650%
99	25.002	3763	3773	3785	rVB	1508984	4290099	91.62%	7.011%
100	25.237	3803	3813	3826	rVB3	954391	2959084	63.19%	4.836%

Sum of corrected areas: 61194108

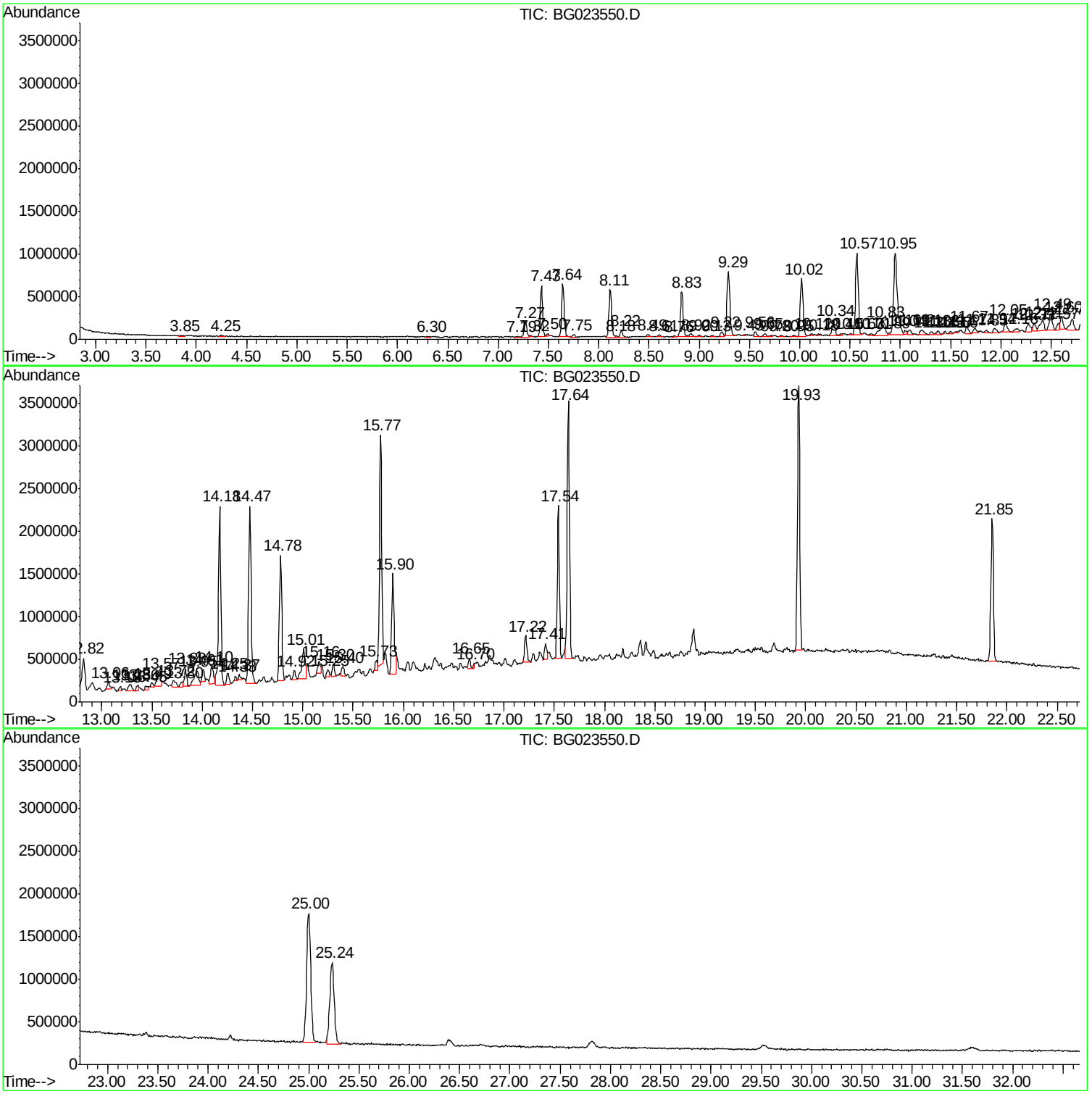
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023550.D
Acq On : 9 Aug 2016 1:32
Operator : UM/SJ
Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023550.D
Acq On : 9 Aug 2016 1:32
Operator : UM/SJ
Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

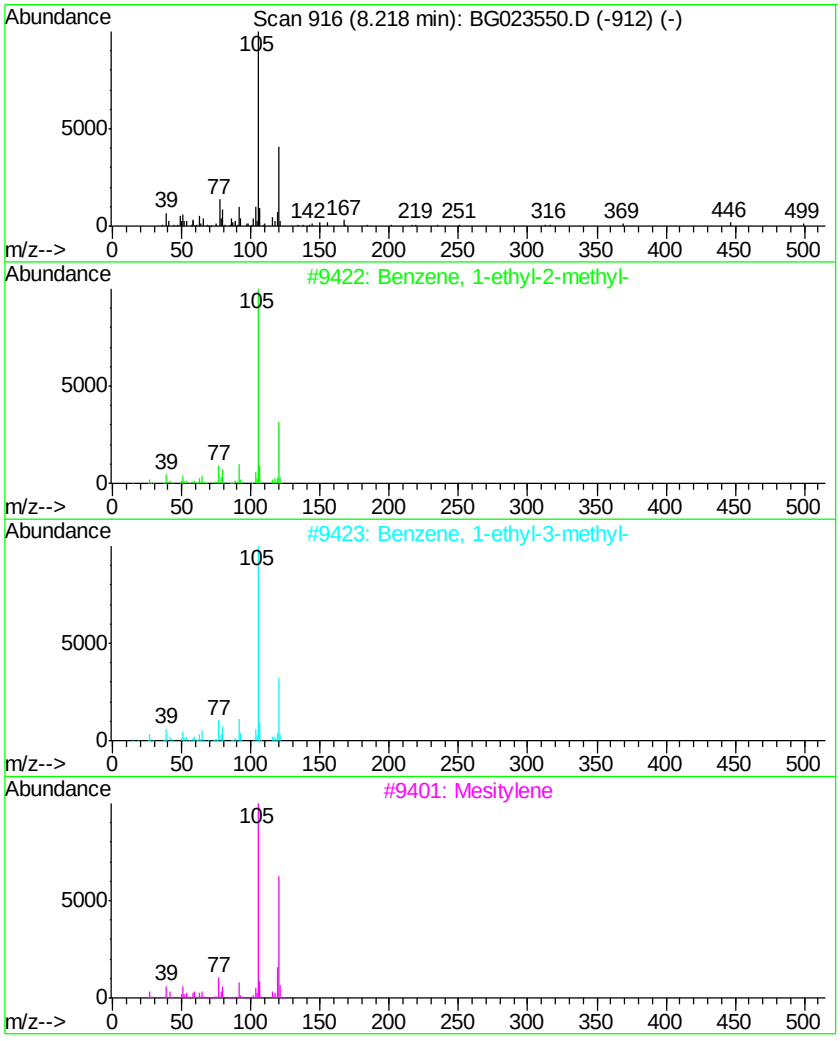
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

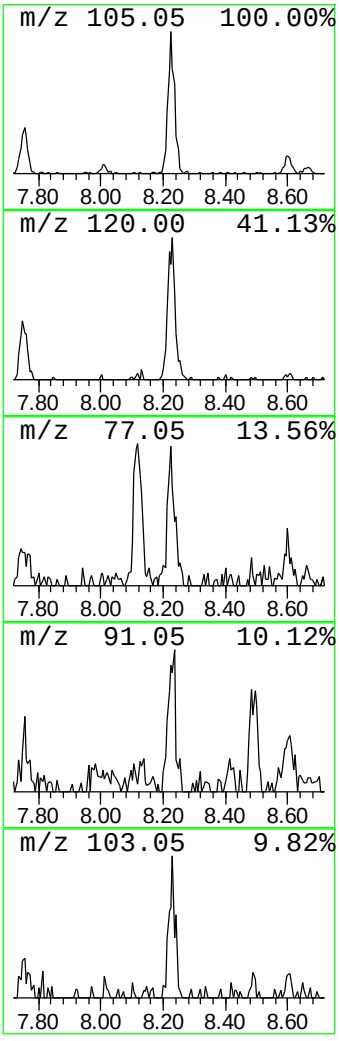
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	2.91 ng/ul	143449	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
3	Mesitylene	120	C9H12	000108-67-8	64
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023550.D
Acq On : 9 Aug 2016 1:32
Operator : UM/SJ
Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

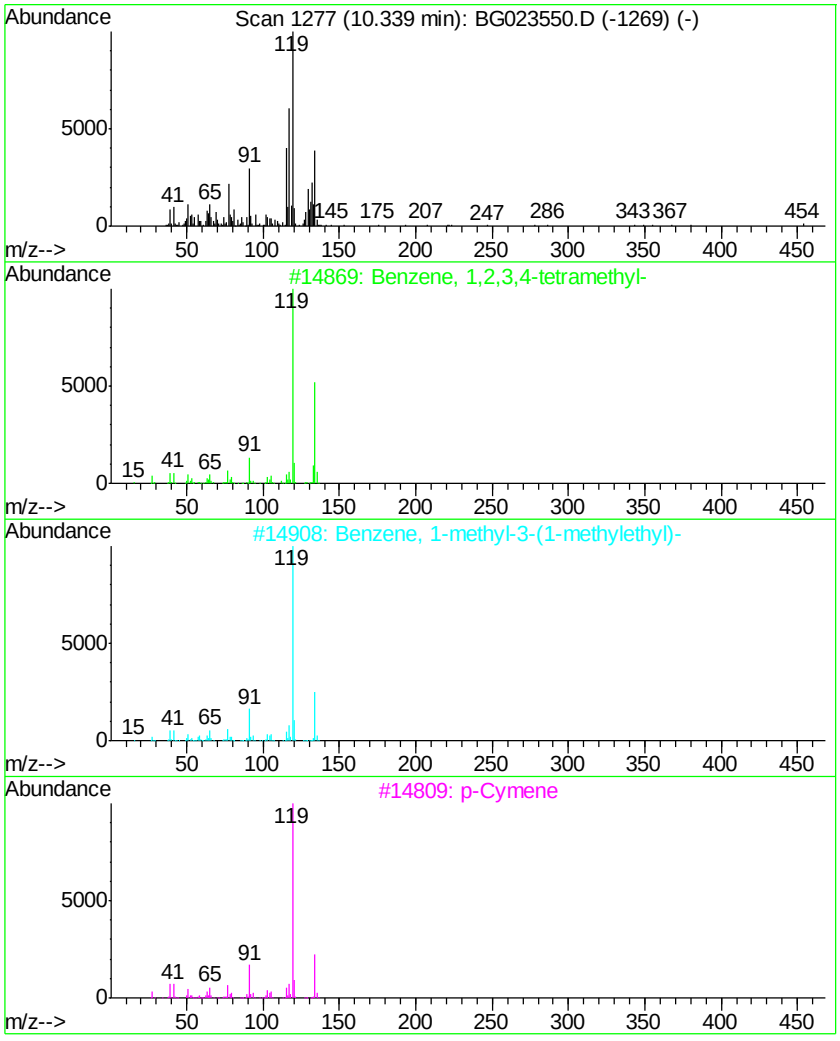
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

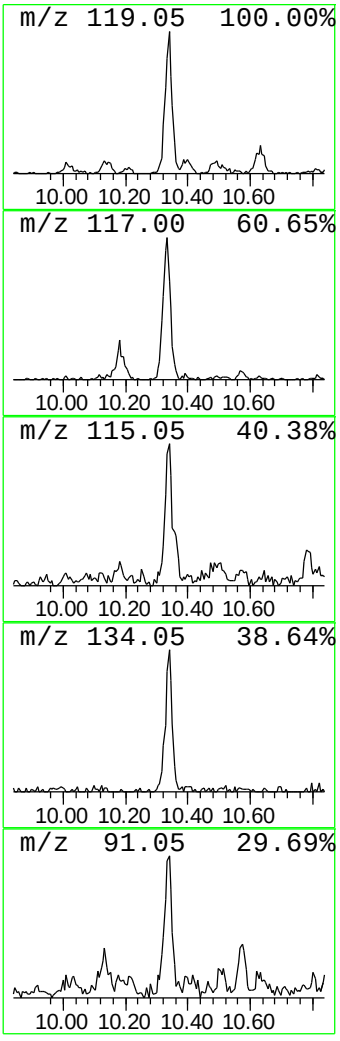
****

Peak Number 2 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	3.00 ng/ul	361595	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
3	p-Cymene	134	C10H14	000099-87-6	50
4	o-Cymene	134	C10H14	000527-84-4	50
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023550.D
Acq On : 9 Aug 2016 1:32
Operator : UM/SJ
Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

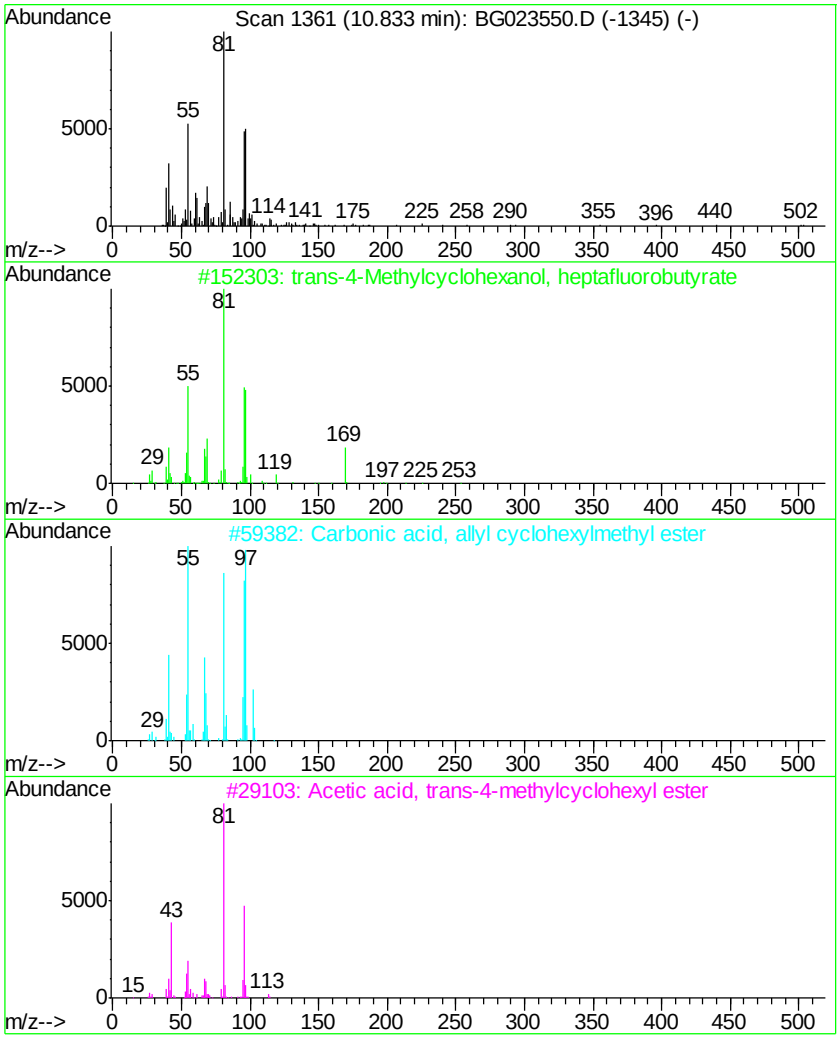
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

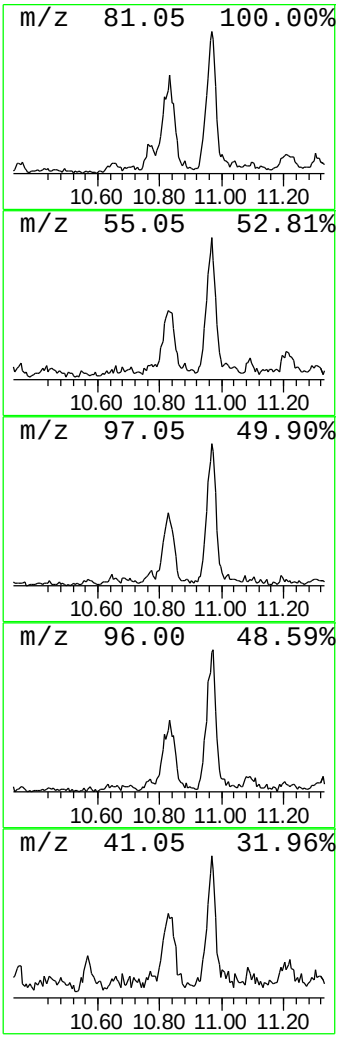
****

Peak Number 3 trans-4-Methylcyclohexanol,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	4.92 ng/ul	593659	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Methylcyclohexanol, hept...	310	C11H13F7O2	1000364-14-0	72
2	Carbonic acid, allyl cyclohexylm...	198	C11H18O3	1000357-80-7	50
3	Acetic acid, trans-4-methylcyclo...	156	C9H16O2	1000368-24-6	47
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	47
5	Acetic acid, 1,4-dimethylpent-4-...	156	C9H16O2	1000186-38-5	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023550.D
Acq On : 9 Aug 2016 1:32
Operator : UM/SJ
Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

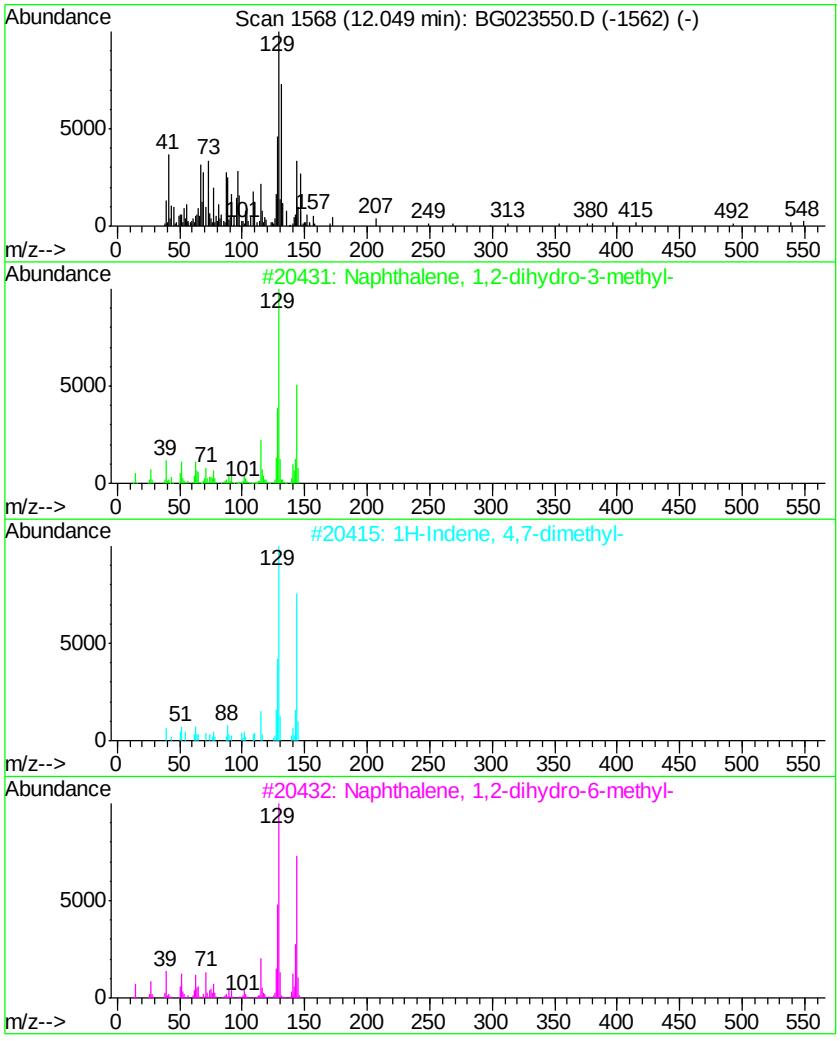
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

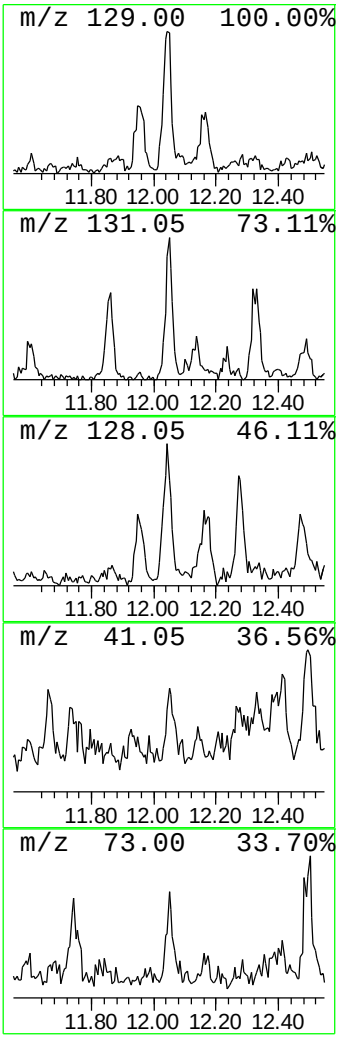
****

Peak Number 4 Naphthalene, 1,2-dihydro-3-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.51 ng/ul	302982	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	64
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	60
3	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	50
4	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	50
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023550.D
Acq On : 9 Aug 2016 1:32
Operator : UM/SJ
Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

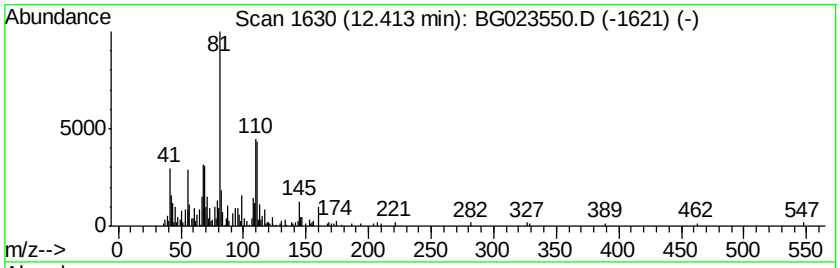
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

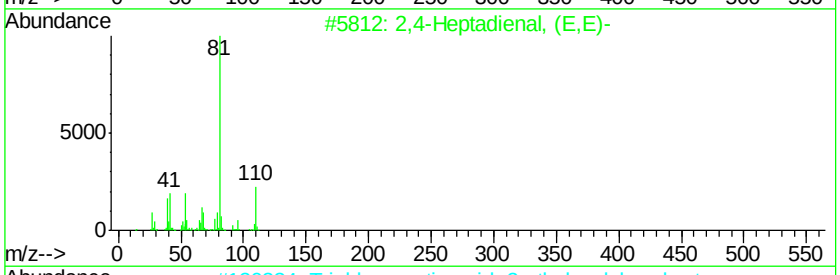
****

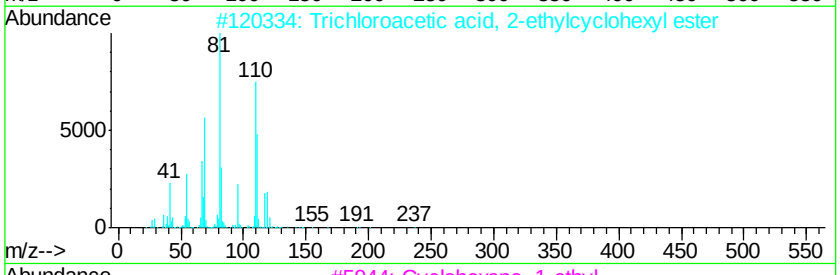
Peak Number 5 unknown-01 Concentration Rank 13

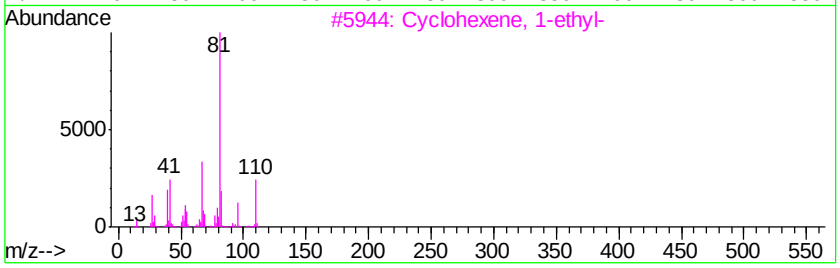
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	2.71 ng/ul	327146	Naphthalene-d8	10.95

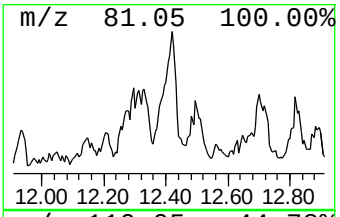
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	47
2	Trichloroacetic acid, 2-ethylcyc...	272	C10H15Cl3O2	1000282-57-3	40
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
4	4-Ethylcyclohexene	110	C8H14	003742-42-5	37
5	1H-Imidazole-1-propanoic acid, ...	156	C6H8N2O3	051103-59-4	37

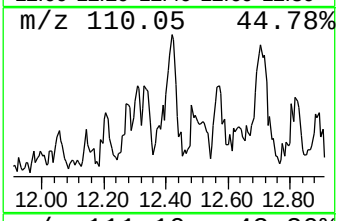


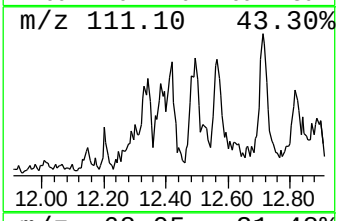


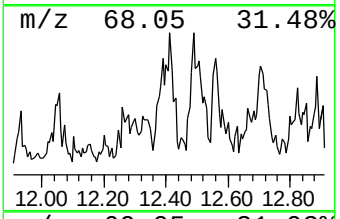


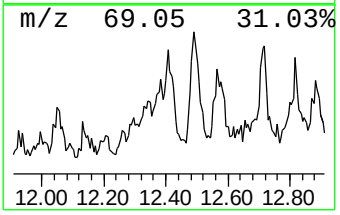












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Acq On : 9 Aug 2016 1:32
Operator : UM/SJ
Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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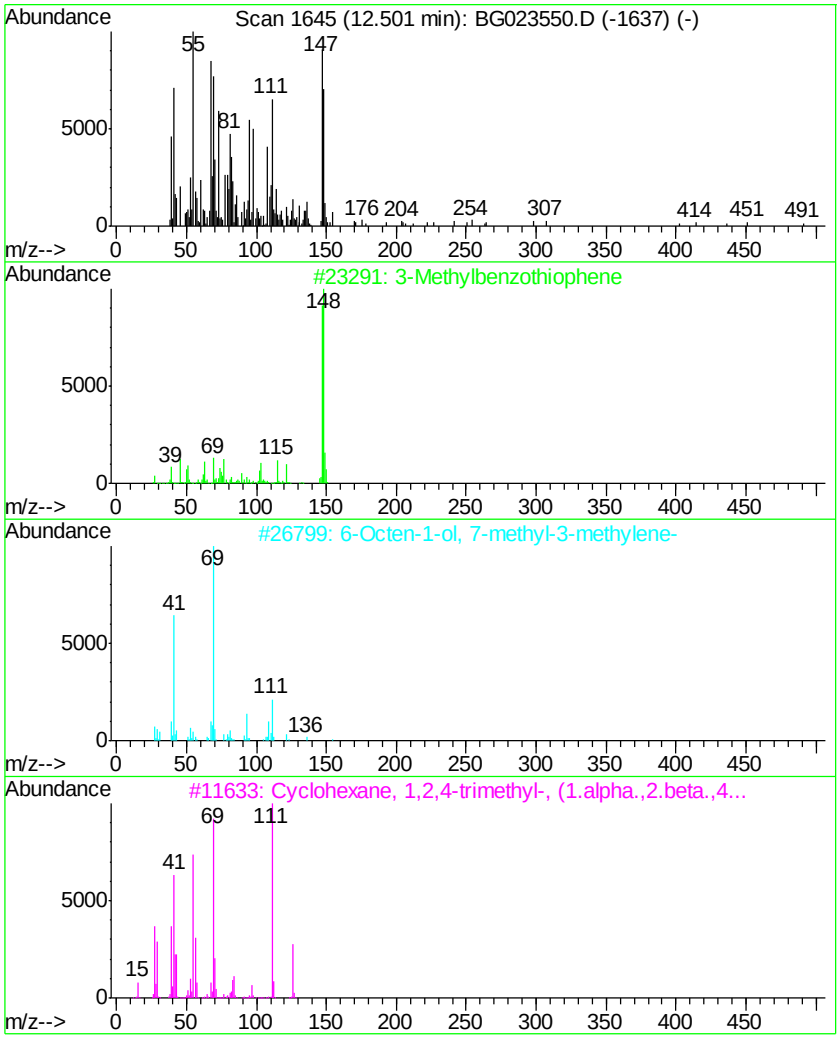
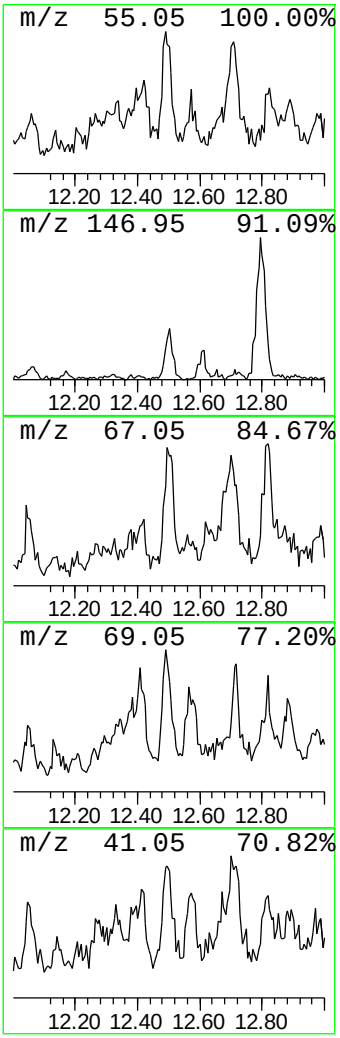
Peak Number 6 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.52 ng/ul	424592	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	25
2	6-Octen-1-ol, 7-methyl-3-methylene-	154	C10H18O	013066-51-8	22
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	18
4	2-Thiophenecarboxylic acid, 1-cy...	224	C12H16O2S	1000278-88-4	14
5	2,11-Dioxatricyclo[4.4.1.0(1,6)]...	168	C9H12O3	126091-84-7	14





Library Search Compound Report

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Sample : H4338-07
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Instrument : BNA_G
ClientSampleId : A4V17

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Quant Title : SVOA CALIBRATION

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

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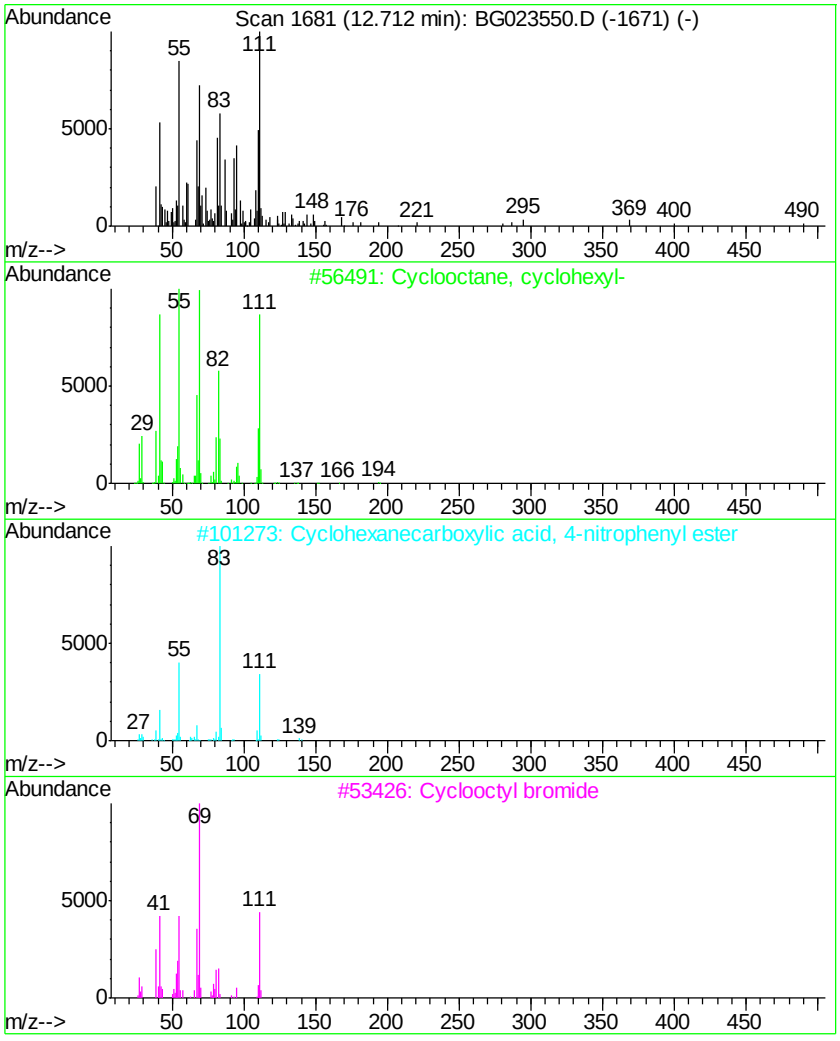
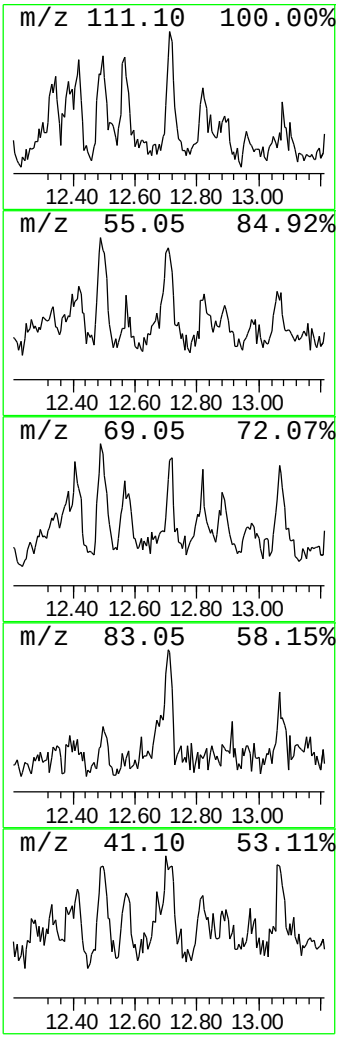
Peak Number 7 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.06 ng/ul	368530	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, cyclohexyl-	194	C14H26	092369-78-3	38
2	Cyclohexanecarboxylic acid, 4-ni...	249	C13H15NO4	1000307-70-8	22
3	Cyclooctyl bromide	190	C8H15Br	001556-09-8	22
4	1-Methylcycloheptene	110	C8H14	055308-20-8	20
5	1-Cyclohexylethanol, trifluoroac...	224	C10H15F3O2	1000365-19-2	14





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Sample : H4338-07
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Instrument : BNA_G
ClientSampleId : A4V17

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Quant Title : SVOA CALIBRATION

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

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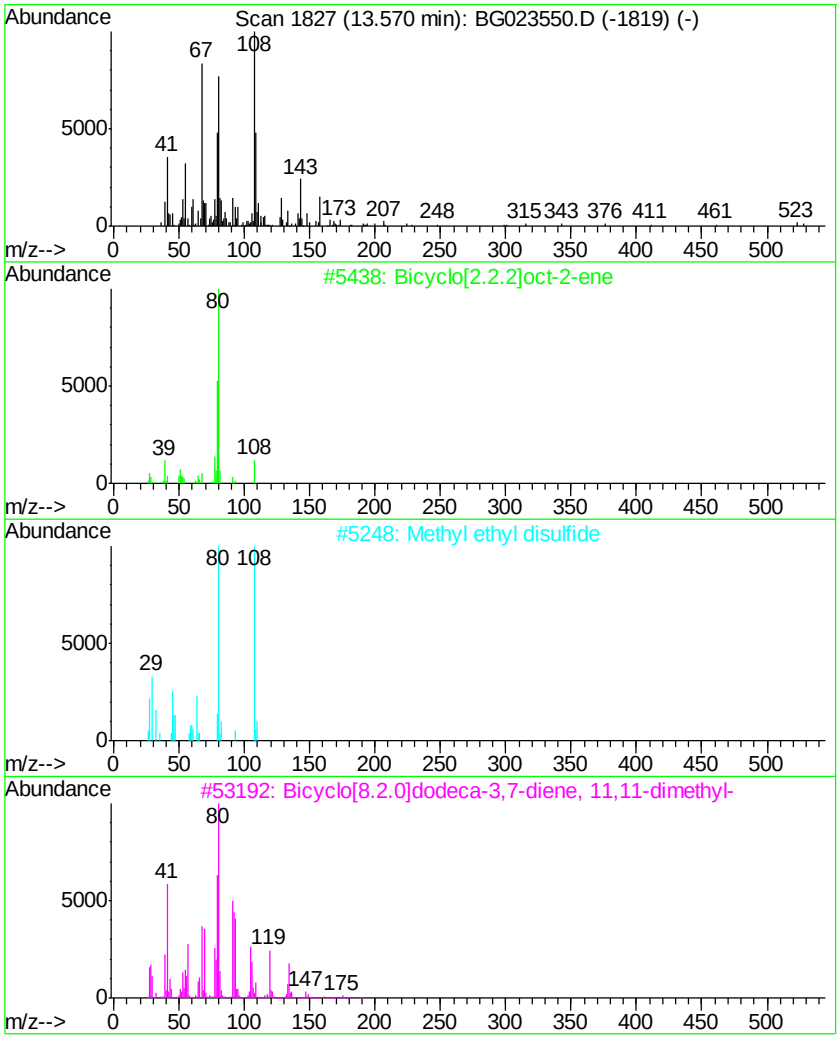
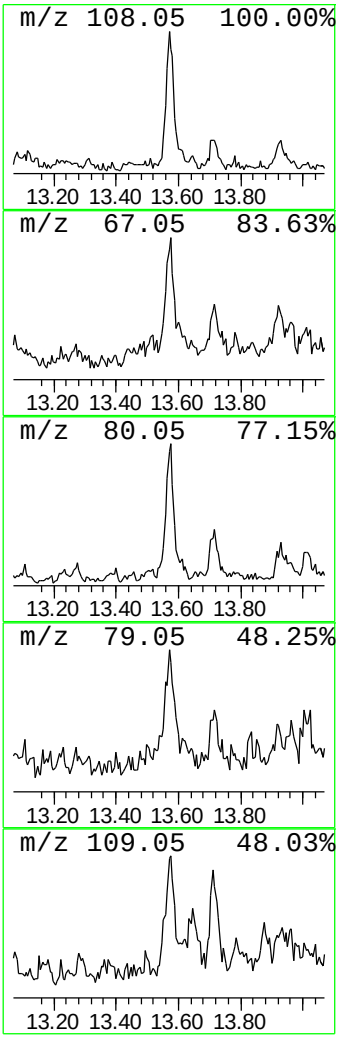
Peak Number 9 Bicyclo[2.2.2]oct-2-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	3.27 ng/ul	395514	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]oct-2-ene	108	C8H12	000931-64-6	58
2	Methyl ethyl disulfide	108	C3H8S2	020333-39-5	53
3	Bicyclo[8.2.0]dodeca-3,7-diene, ...	190	C14H22	062338-28-7	53
4	2-Pyridinamine, 6-methyl-	108	C6H8N2	001824-81-3	50
5	2-Pyridinamine, 4-methyl-	108	C6H8N2	000695-34-1	50





Library Search Compound Report

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Sample : H4338-07
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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

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Quant Title : SVOA CALIBRATION

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

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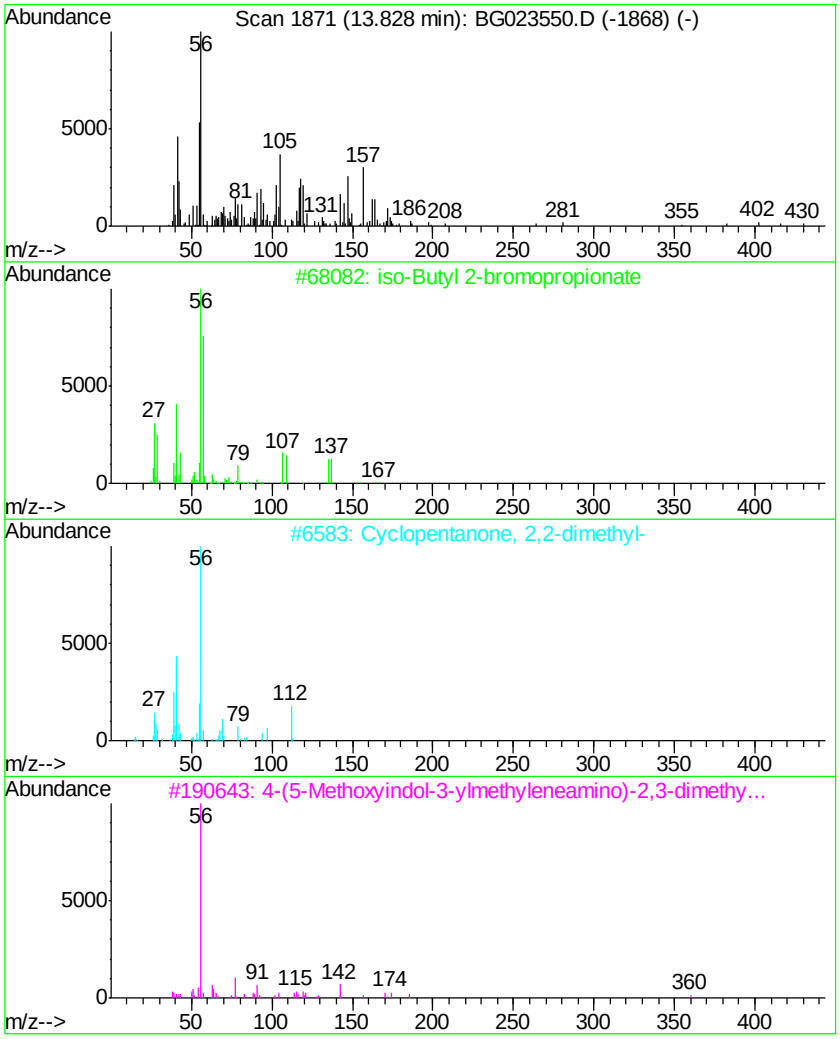
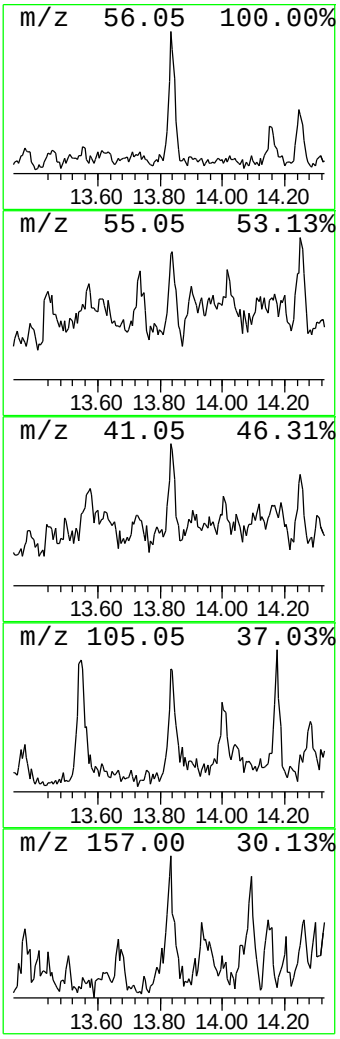
Peak Number 10 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.72 ng/ul	328297	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	iso-Butyl 2-bromopropionate	208	C7H13BrO2	069122-46-9	38
2	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	38
3	4-(5-Methoxyindol-3-ylmethylenea...	360	C21H20N4O2	1000223-65-7	37
4	4,5-Thiepanedione, 3,3,6,6-tetra...	200	C10H16O2S	002800-87-5	37
5	4-(4-Nitrobenzylideneamino)antip...	336	C18H16N4O3	061098-06-4	32





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Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

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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 Naphthalene, 1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.42 ng/ul	534164	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	70
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	70
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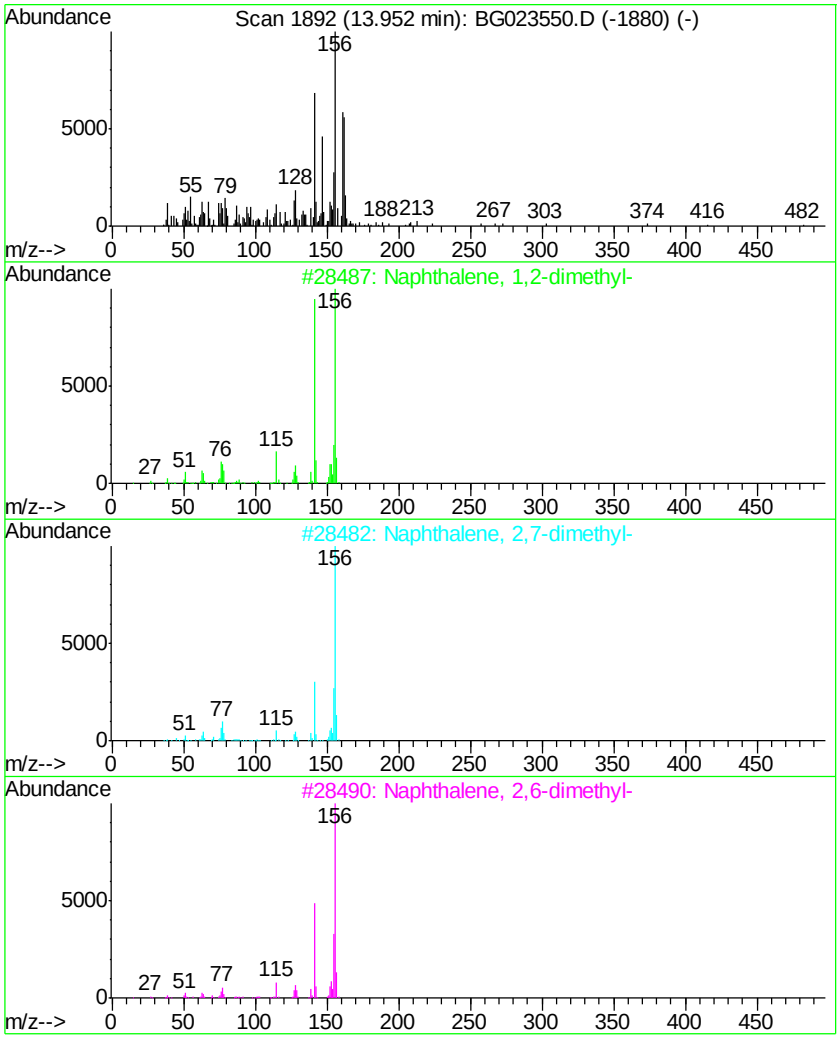

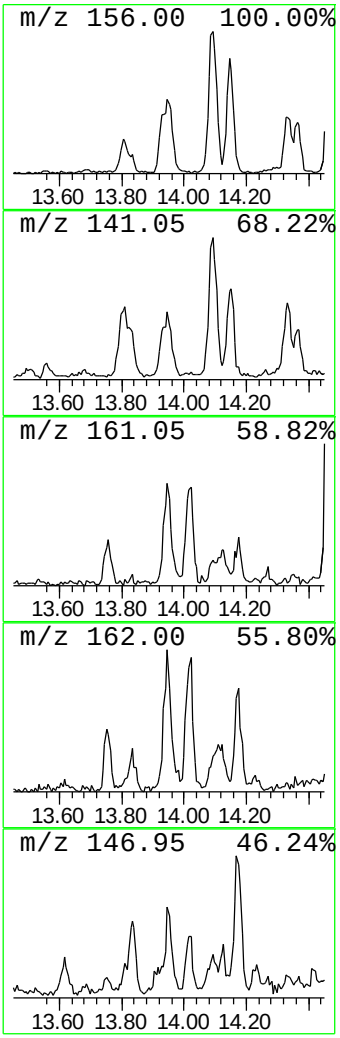

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Operator : UM/SJ
Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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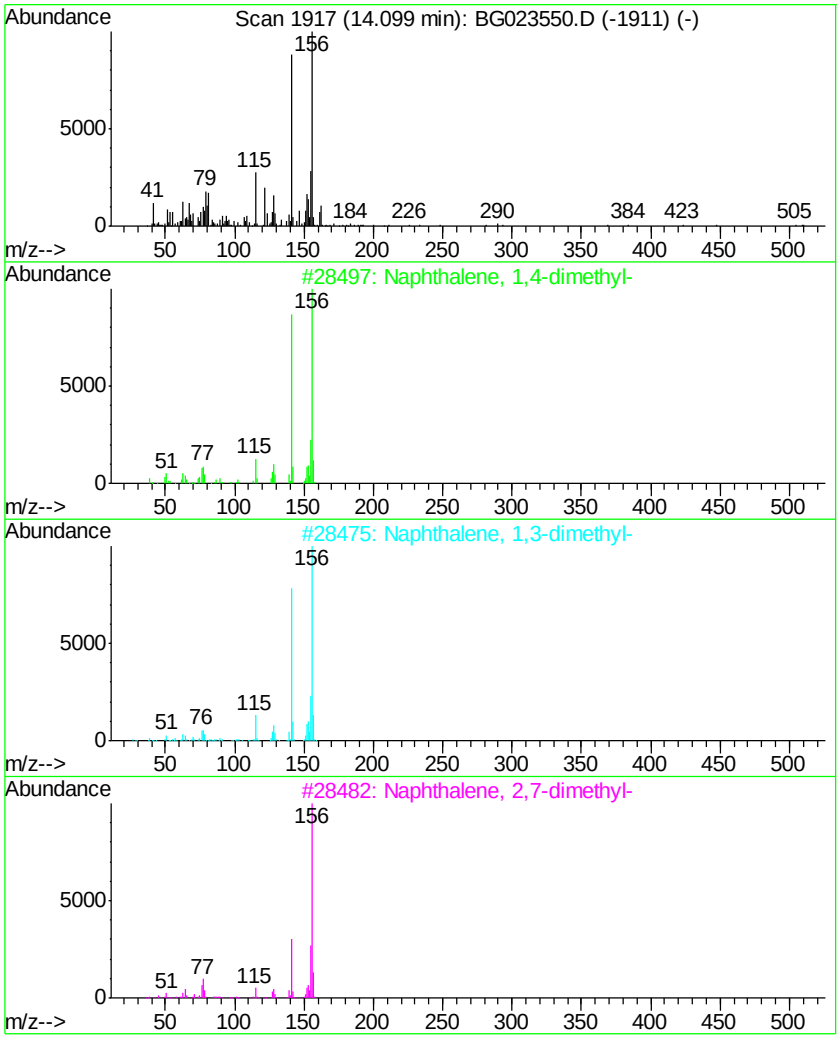
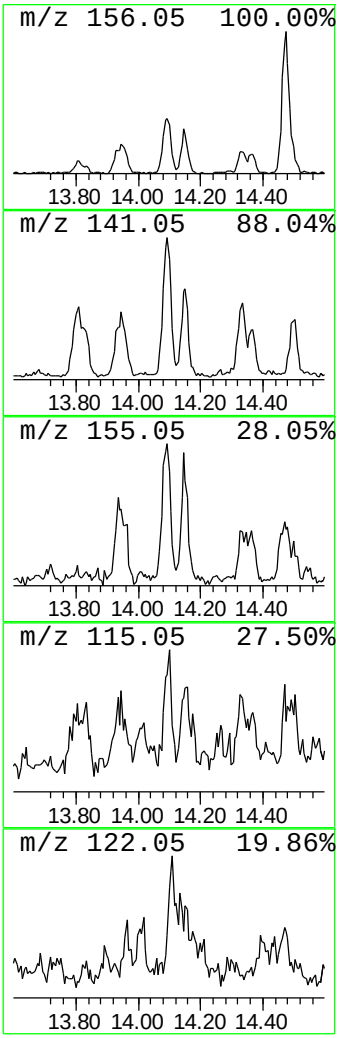
Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	3.78 ng/ul	456894	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	83
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	81
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	81





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Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

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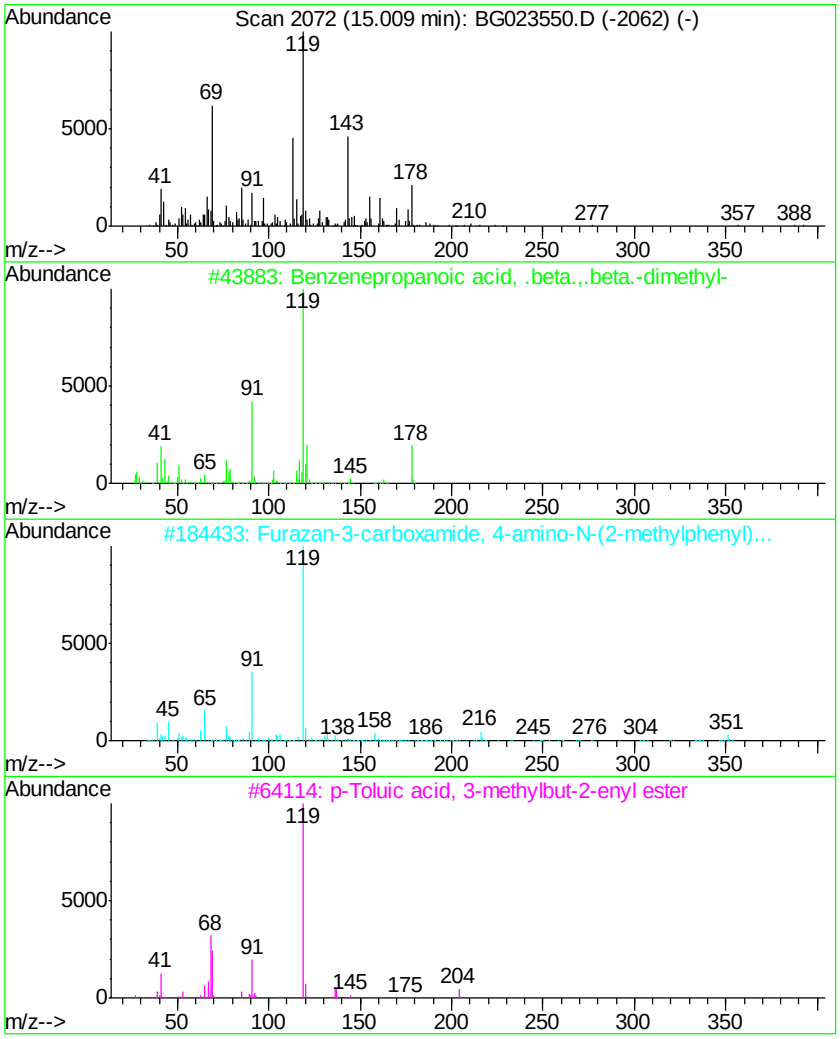
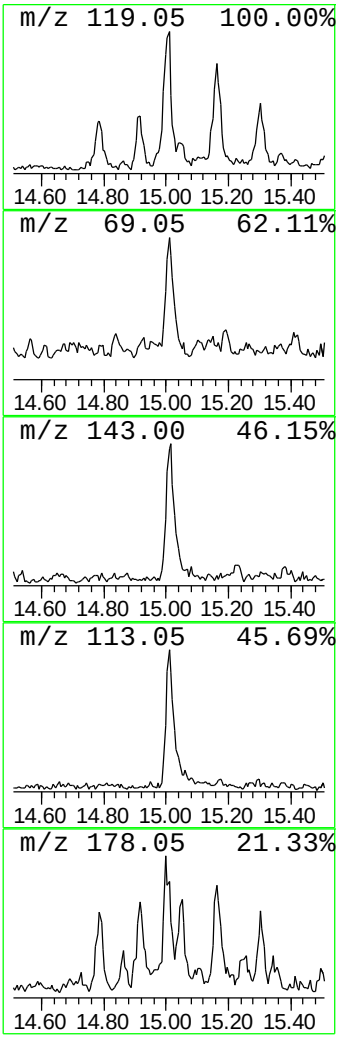
Peak Number 13 unknown-05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	6.78 ng/ul	818992	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .beta.,.b...	178	C11H14O2	001010-48-6	30
2	Furazan-3-carboxamide, 4-amino-N...	351	C18H17N5O3	312271-91-3	22
3	p-Toluic acid, 3-methylbut-2-eny...	204	C13H16O2	154559-35-0	22
4	Benzonitrile, 3-hydroxy-	119	C7H5NO	000873-62-1	20
5	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	18





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Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

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Quant Title : SVOA CALIBRATION

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

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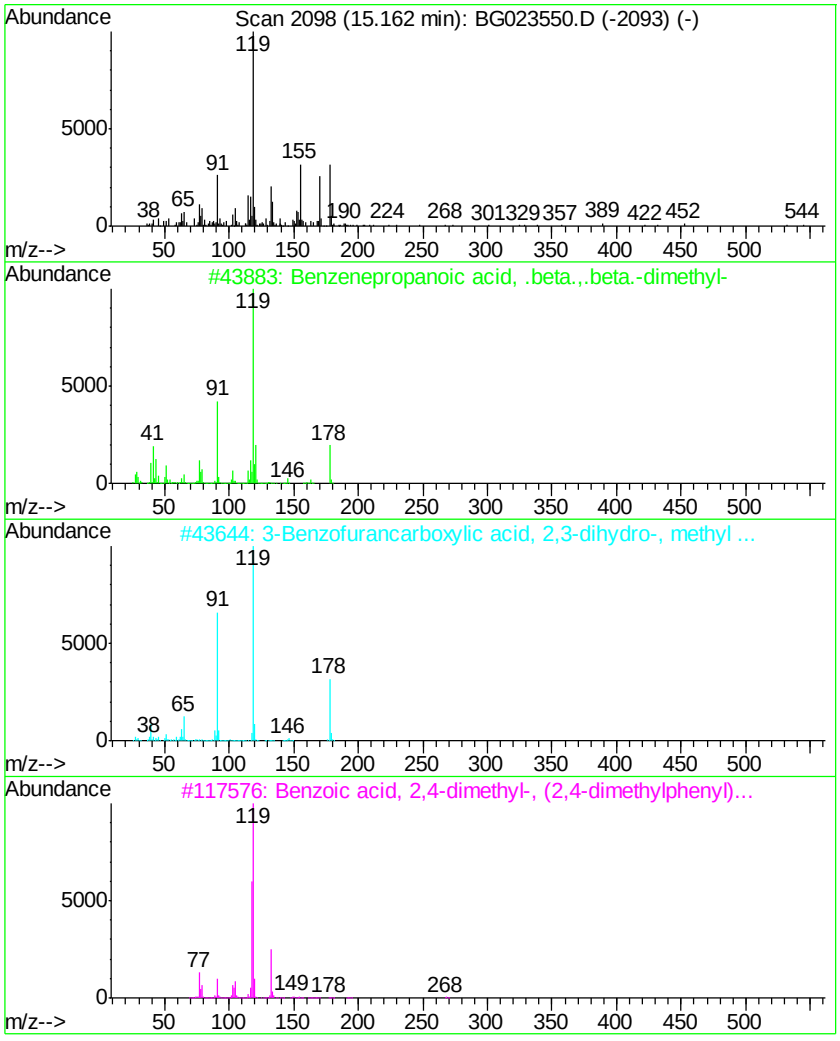
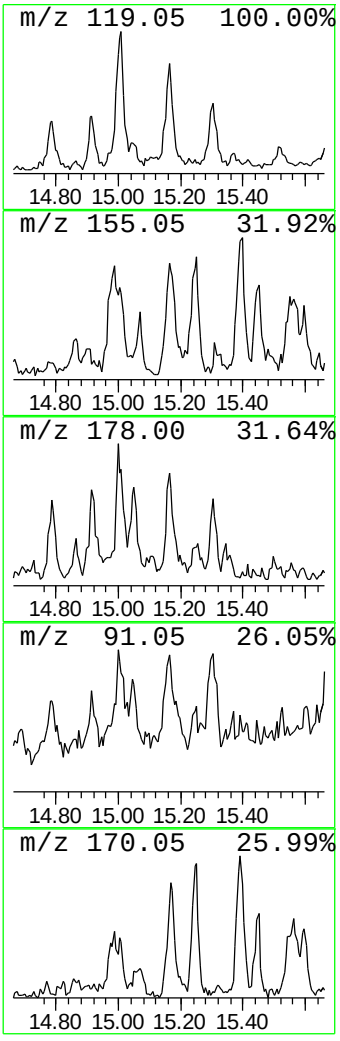
Peak Number 14 unknown-06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.11 ng/ul	254702	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .beta.,.b...	178	C11H14O2	001010-48-6	46
2	3-Benzofurancarboxylic acid, 2,3...	178	C10H10O3	039891-56-0	46
3	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	38
4	Benzene, 1-(1,5-dimethylhexyl)-4...	204	C15H24	001461-02-5	35
5	Aziridine, 2-methyl-2-(2,2,4-tri...	245	C17H27N	1000293-28-5	35





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Quant Title : SVOA CALIBRATION

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

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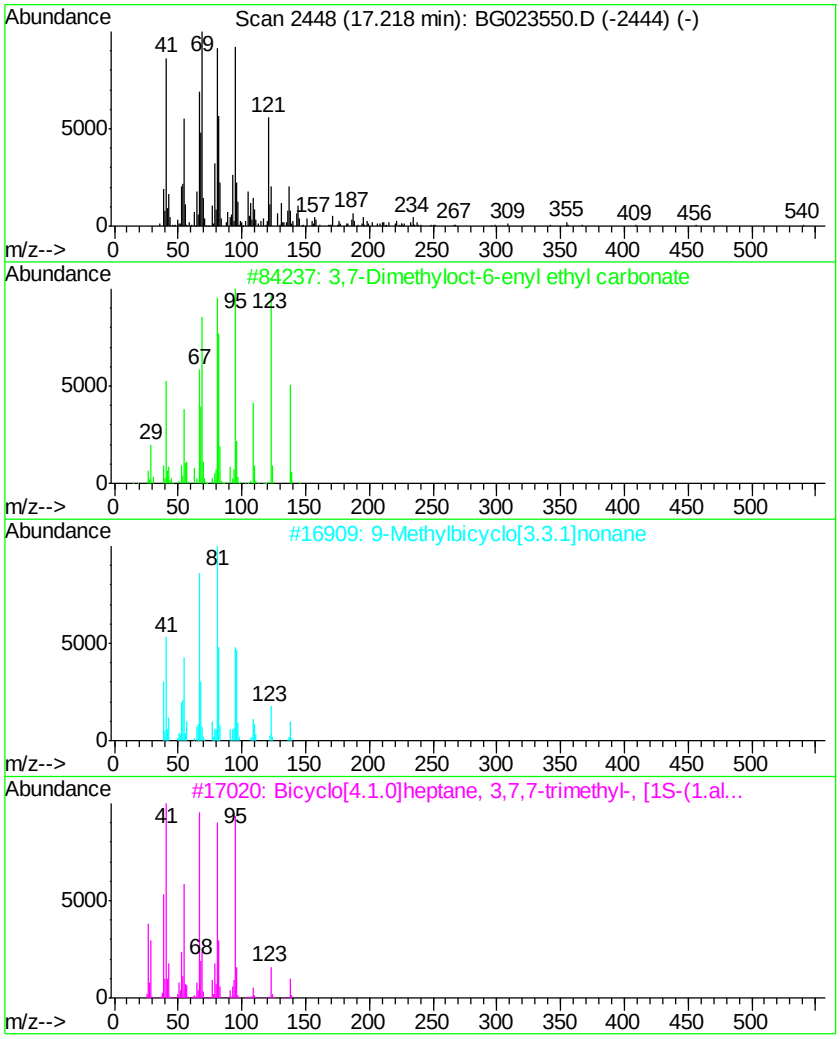
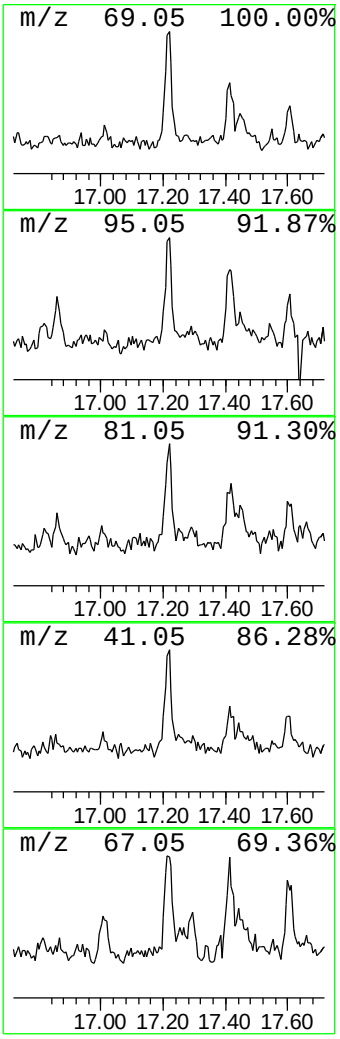
Peak Number 15 3,7-Dimethyloct-6-enyl ethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	3.68 ng/ul	496792	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dimethyloct-6-enyl ethyl car...	228	C13H24O3	1000373-78-1	72
2	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	64
3	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	49
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	49
5	(Z)-4-Decen-1-ol	156	C10H20O	057074-37-0	43





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Quant Title : SVOA CALIBRATION

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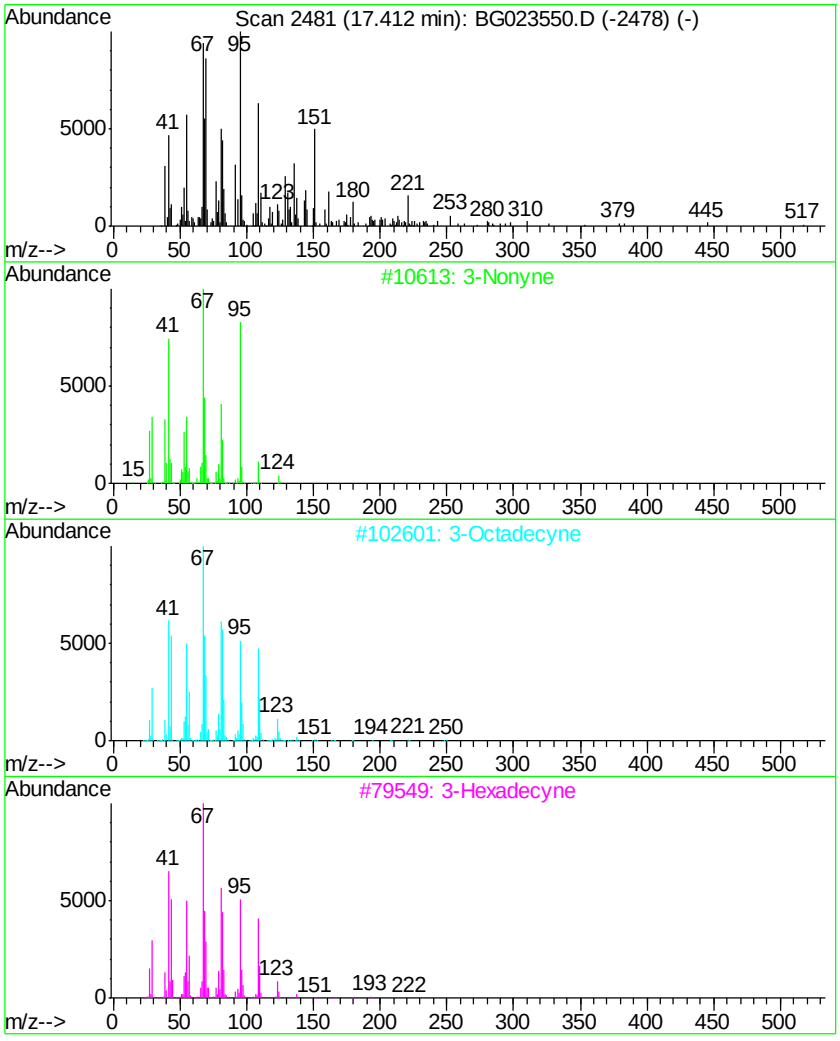
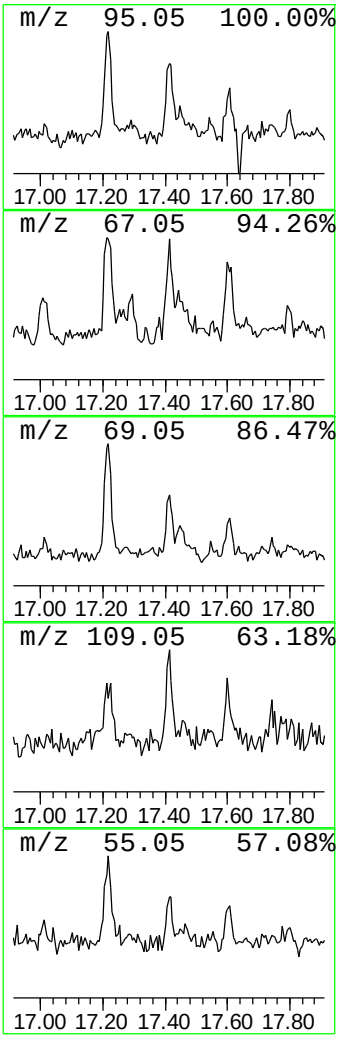
Peak Number 16 3-Nonyne Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	2.22 ng/ul	300296	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonyne	124	C9H16	020184-89-8	55
2	3-Octadecyne	250	C18H34	061886-64-4	43
3	3-Hexadecyne	222	C16H30	061886-62-2	43
4	Silane, bicyclo[2.2.1]hept-2-ylt...	228	C7H11Cl3Si	018245-29-9	38
5	cis,trans-1,7-Dimethylspiro[5.5]...	180	C13H24	1000111-73-1	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023550.D
Acq On : 9 Aug 2016 1:32
Operator : UM/SJ
Sample : H4338-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4V17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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-ethyl-...	8.22	2.9	ng/ul	143449	1	8.11	987495	20.0
Benzene, 1,2,3,4-...	10.34	3.0	ng/ul	361595	2	10.95	2412140	20.0
trans-4-Methylcyc...	10.83	4.9	ng/ul	593659	2	10.95	2412140	20.0
Naphthalene, 1,2-...	12.05	2.5	ng/ul	302982	2	10.95	2412140	20.0
unknown-01	12.41	2.7	ng/ul	327146	2	10.95	2412140	20.0
unknown-02	12.50	3.5	ng/ul	424592	2	10.95	2412140	20.0
unknown-03	12.71	3.1	ng/ul	368530	2	10.95	2412140	20.0
Bicyclo[2.2.2]oct...	13.57	3.3	ng/ul	395514	3	14.78	2416390	20.0
unknown-04	13.83	2.7	ng/ul	328297	3	14.78	2416390	20.0
Naphthalene, 1,2-...	13.95	4.4	ng/ul	534164	3	14.78	2416390	20.0
Naphthalene, 1,4-...	14.10	3.8	ng/ul	456894	3	14.78	2416390	20.0
unknown-05	15.01	6.8	ng/ul	818992	3	14.78	2416390	20.0
unknown-06	15.16	2.1	ng/ul	254702	3	14.78	2416390	20.0
3,7-Dimethyloct-6...	17.22	3.7	ng/ul	496792	4	17.54	2699570	20.0
3-Nonyne	17.41	2.2	ng/ul	300296	4	17.54	2699570	20.0