LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG021116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.090	39	43	53	rVB	28353	39551	10.20%	0.709%
2	3.243	65	69	79	rVB	9428	16546	4.27%	0.297%
3	5.792	496	503	509	rBV2	9031	15004	3.87%	0.269%
4	7.402	769	777	782	rBV2	13331	24831	6.41%	0.445%
5	7.784	838	842	853	rVB2	9765	20611	5.32%	0.370%
6	8.166	897	907	910	rVV6	4329	12207	3.15%	0.219%
7	8.219	912	916	918	rVV	14403	21268	5.49%	0.381%
8	8.260	918	923	929	rVV	85804	142352	36.73%	2.553%
9	8.436	948	953	957	rBV5	6754	11443	2.95%	0.205%
10	8.542	967	971	975	rVV2	7169	11547	2.98%	0.207%
11	8.589	975	979	984	rVB3	7726	12916	3.33%	0.232%
12	8.747	1002	1006	1010	rBV3	7151	12292	3.17%	0.220%
13	8.824	1015	1019	1026	rVB5	5764	12564	3.24%	0.225%
14	9.106	1061	1067	1073	rVV5	9200	20430	5.27%	0.366%
15	9.370	1101	1112	1117	rBV	33494	69397	17.90%	1.245%
16	9.458	1118	1127	1133	rVB6	17329	43001	11.09%	0.771%
17	9.728	1162	1173	1180	rVB6	10374	29666	7.65%	0.532%
18	9.893	1196	1201	1208	rVV	25685	45692	11.79%	0.820%
19	9.999	1214	1219	1227	rVV5	11911	29491	7.61%	0.529%
20	10.151	1235	1245	1248	rBV6	10952	30931	7.98%	0.555%
21	10.192	1248	1252	1256	rVV3	15613	26880	6.94%	0.482%
22	10.257	1256	1263	1268	rVV8	19095	40528	10.46%	0.727%
23	10.322	1268	1274	1280	rVV4	11645	31293	8.07%	0.561%
24	10.398	1282	1287	1294	rVB7	5474	12211	3.15%	0.219%
25	10.474	1294	1300	1308	rBV2	32769	65255	16.84%	1.171%
26	10.651	1324	1330	1339	rBV9	10669	24492	6.32%	0.439%
27	10.774	1345	1351	1359	rBV2	14734	32348	8.35%	0.580%
28	10.962	1380	1383	1386	rVV4	10924	18274	4.71%	0.328%
29	11.085	1390	1404	1417	rVV	152995	372286	96.05%	6.678%
30	11.215	1417	1426	1432	rVB2	50940	114146	29.45%	2.048%
31	11.285	1432	1438	1445	rBV3	20669	41530	10.72%	0.745%
32	11.444	1457	1465	1470	rBV9	9117	20313	5.24%	0.364%
33	11.502	1470	1475	1478	rBV4	7815	12537	3.23%	0.225%
34	11.767	1512	1520	1527	rVV8	28552	77376	19.96%	1.388%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG021116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.896	1538	1542	1550	rVB6	9826	17545	4.53%	0.315%
36	11.984	1550	1557	1563	rVB4	18955	36357	9.38%	0.652%
37	12.072	1565	1572	1576	rVV	56113	86077	22.21%	1.544%
38	12.119	1576	1580	1584	rVV5	12904	21826	5.63%	0.392%
39	12.172	1584	1589	1594	rVB4	17211	31735	8.19%	0.569%
40	12.260	1599	1604	1609	rBV4	18065	33652	8.68%	0.604%
41	12.454	1632	1637	1640	rBV4	11115	19573	5.05%	0.351%
42	12.677	1669	1675	1678	rVB4	19367	29740	7.67%	0.533%
43	12.718	1678	1682	1689	rVB	45759	75622	19.51%	1.356%
44	12.806	1693	1697	1702	rVB6	8275	12981	3.35%	0.233%
45	12.865	1702	1707	1708	rBV5	8155	12060	3.11%	0.216%
46	12.936	1714	1719	1728	rVB2	40543	74187	19.14%	1.331%
47	13.006	1728	1731	1739	rVB5	8830	15616	4.03%	0.280%
48	13.083	1739	1744	1747	rBV6	16069	24937	6.43%	0.447%
49	13.153	1752	1756	1759	rVB2	13012	17315	4.47%	0.311%
50	13.229	1764	1769	1773	rBV6	8853	14122	3.64%	0.253%
51	13.394	1791	1797	1807	rBV	66253	108009	27.87%	1.937%
52	13.500	1811	1815	1819	rVB	21206	29880	7.71%	0.536%
53	13.664	1839	1843	1845	rBV3	14730	21345	5.51%	0.383%
54	13.911	1879	1885	1896	rVB4	19387	45277	11.68%	0.812%
55	14.034	1902	1906	1908	rBV2	32413	49688	12.82%	0.891%
56	14.193	1928	1933	1938	rVV	68871	123350	31.83%	2.213%
57	14.246	1938	1942	1947	rVB2	52206	77321	19.95%	1.387%
58	14.299	1947	1951	1953	rBV2	26943	41767	10.78%	0.749%
59	14.328	1953	1956	1961	rVB2	78840	108766	28.06%	1.951%
60	14.381	1961	1965	1969	rBV7	9711	14033	3.62%	0.252%
61	14.434	1969	1974	1983	rVB3	22054	46137	11.90%	0.828%
62	14.598	1998	2002	2011	rBV6	14501	33937	8.76%	0.609%
63	14.698	2016	2019	2026	rVB4	18921	28142	7.26%	0.505%
64	14.821	2035	2040	2042	rBV4	14523	25014	6.45%	0.449%
65	14.874	2043	2049	2054	rVV2	219726	377389	97.37%	6.770%
66	14.945	2058	2061	2065	rVB5	12230	15947	4.11%	0.286%
67	15.074	2077	2083	2092	rVB2	30349	72796	18.78%	1.306%
68	15.150	2092	2096	2099	rBV5	13178	22285	5.75%	0.400%
69	15.256	2108	2114	2123	rVB2	37615	85901	22.16%	1.541%
70	15.332	2123	2127	2132	rBV2	35890	63657	16.42%	1.142%
71	15.479	2147	2152	2157	rBV	33534	63095	16.28%	1.132%

LSC Area Percent Report

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Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG021116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.526	2157	2160	2165	rVV	23522	33646	8.68%	0.604%
73	15.579	2165	2169	2173	rVB5	12821	20368	5.26%	0.365%
74	15.650	2175	2181	2184	rBV5	22437	47290	12.20%	0.848%
75	15.738	2194	2196	2200	rVB4	10108	13235	3.41%	0.237%
76	15.791	2202	2205	2207	rBV4	8201	11737	3.03%	0.211%
77	15.902	2221	2224	2227	rBV4	8675	12136	3.13%	0.218%
78	16.037	2245	2247	2250	rBV2	9579	12254	3.16%	0.220%
79	16.090	2250	2256	2265	rVB2	67829	142444	36.75%	2.555%
80	16.308	2289	2293	2297	rVB3	16174	21879	5.64%	0.392%
81	16.349	2297	2300	2304	rBV4	15055	20911	5.40%	0.375%
82	16.566	2331	2337	2344	rBV2	141758	216205	55.78%	3.878%
83	16.713	2358	2362	2366	rVB3	16151	25752	6.64%	0.462%
84	16.883	2388	2391	2395	rBV6	11335	17730	4.57%	0.318%
85	16.966	2399	2405	2410	rVB5	19164	37926	9.79%	0.680%
86	17.159	2434	2438	2441	rBV5	13667	19553	5.04%	0.351%
87	17.383	2472	2476	2481	rBV	61288	87681	22.62%	1.573%
88	17.612	2509	2515	2520	rBV	222314	340786	87.93%	6.113%
89	17.994	2576	2580	2587	rBV5	16572	29721	7.67%	0.533%
90	18.475	2659	2662	2666	rBV	11943	16857	4.35%	0.302%
91	18.522	2668	2670	2676	rVB	20803	28175	7.27%	0.505%
92	18.710	2698	2702	2707	rVB3	11935	17447	4.50%	0.313%
93	19.204	2783	2786	2791	rVB6	15987	22866	5.90%	0.410%
94	19.257	2792	2795	2799	rVV4	9995	14981	3.87%	0.269%
95	19.374	2812	2815	2820	rVB	19527	24053	6.21%	0.431%
96	20.003	2920	2922	2929	rVB2	16097	20739	5.35%	0.372%
97	20.061	2930	2932	2937	rVB3	11524	16216	4.18%	0.291%
98	20.185	2949	2953	2959	rVB	34109	42203	10.89%	0.757%
99	21.882	3236	3242	3249	rBV	223301	384176	99.12%	6.891%
100	25.260	3808	3817	3830	rVB2	136320	387585	100.00%	6.952%

Sum of corrected areas: 5574842

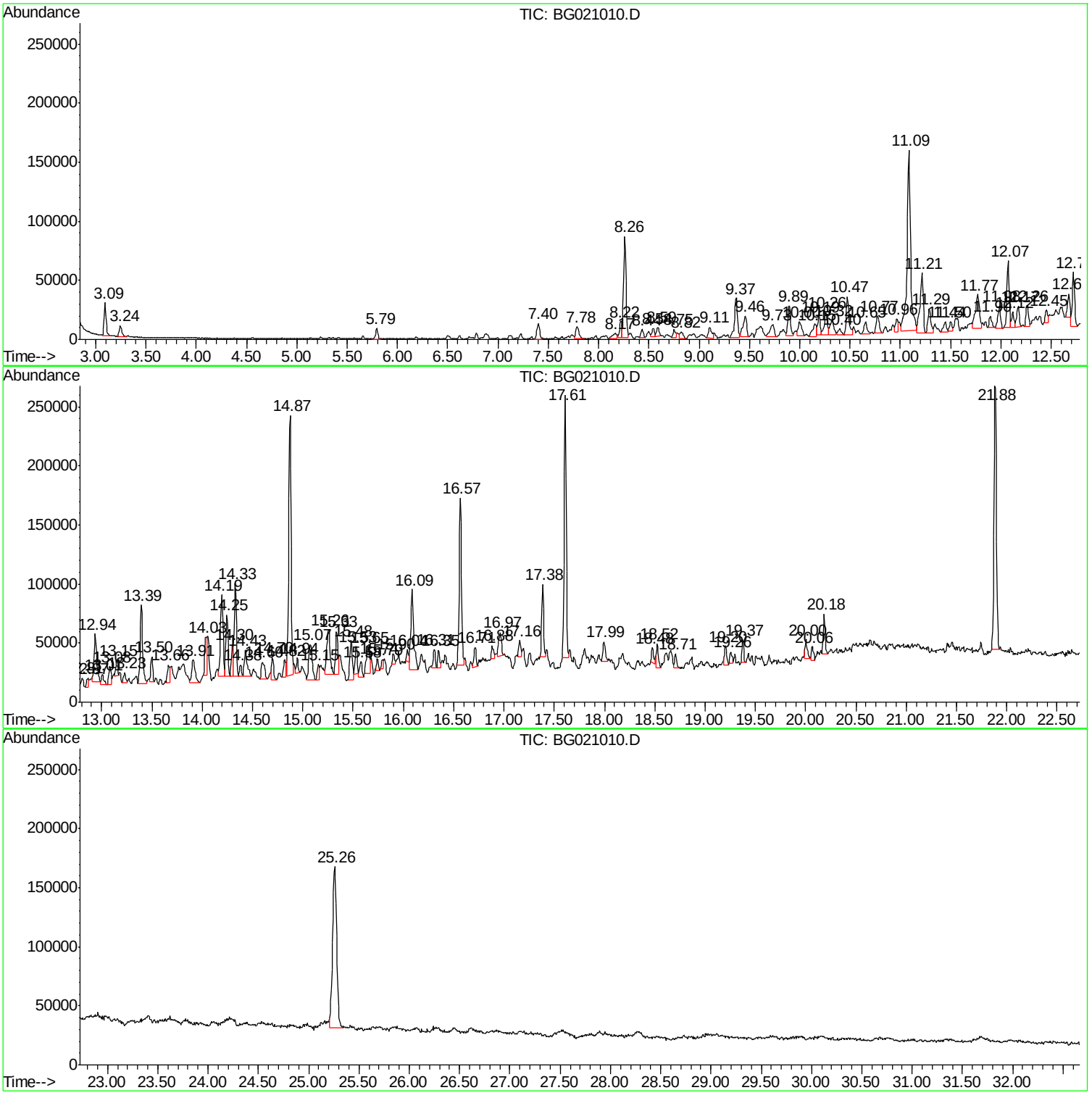
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

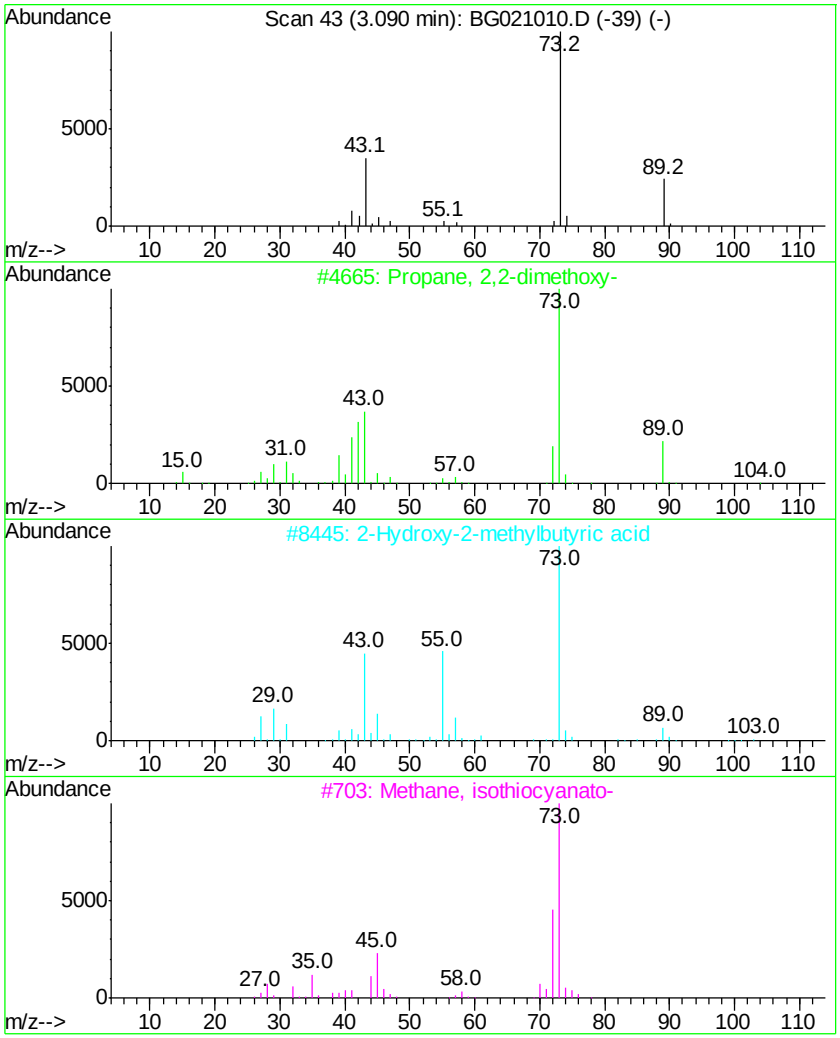
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

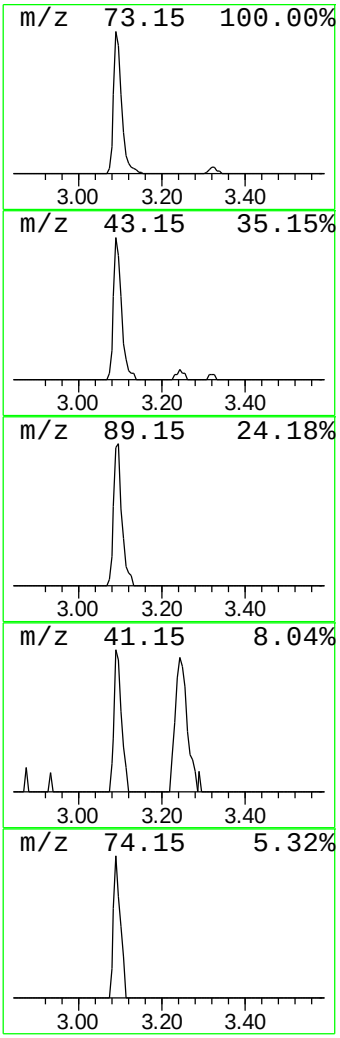
****

Peak Number 1 unknown3.09 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	5.56 ng	39551	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	39
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5
5	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

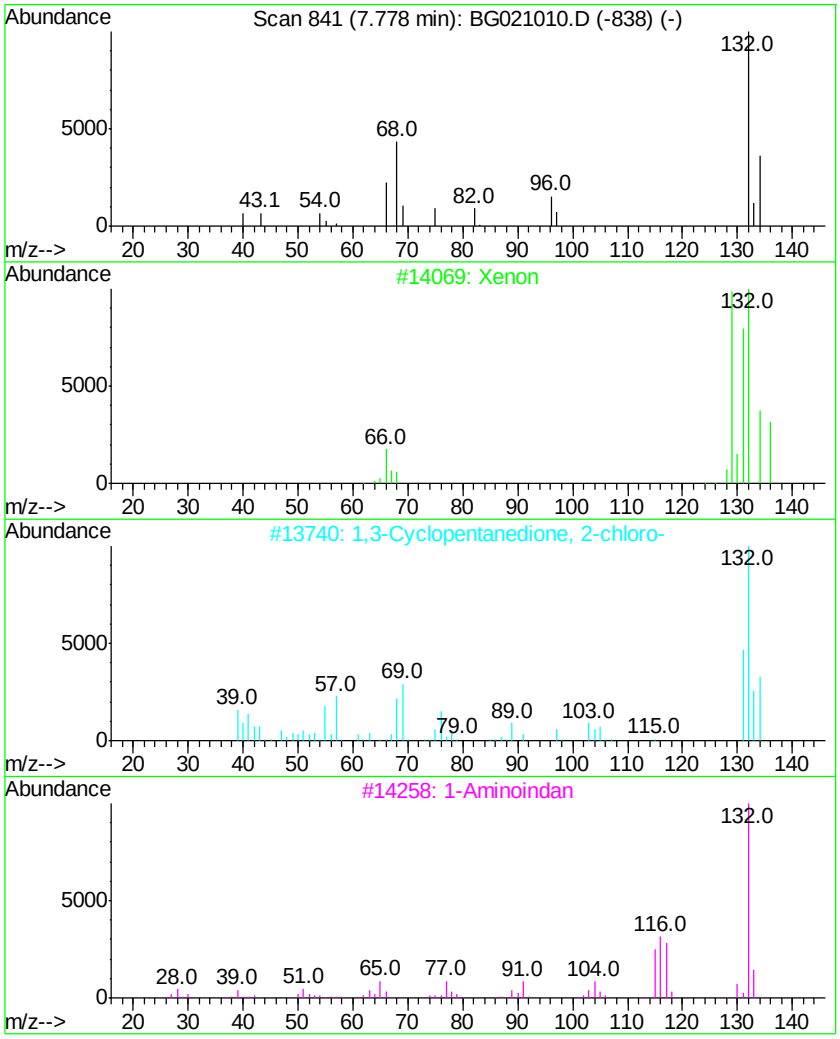
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

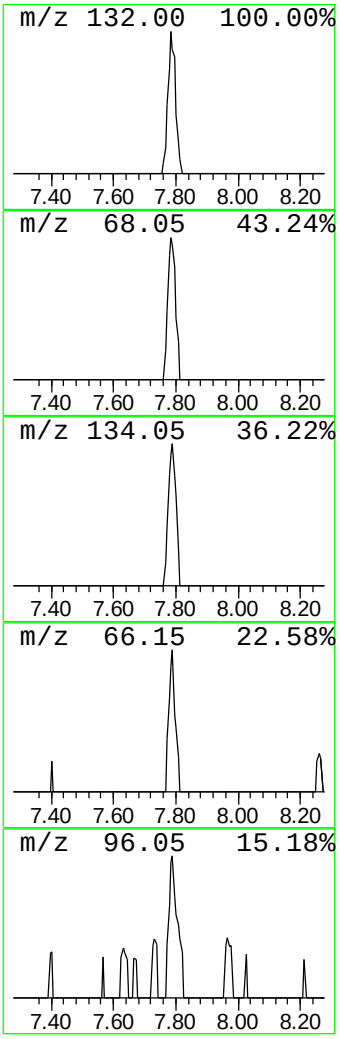
****

Peak Number 2 unknown7.78 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	2.90 ng	20611	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	45
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3	1-Aminoindan	133	C9H11N	034698-41-4	16
4	3H-1,2-Dithiol-3-one, 4-methyl-	132	C4H4OS2	003620-10-8	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

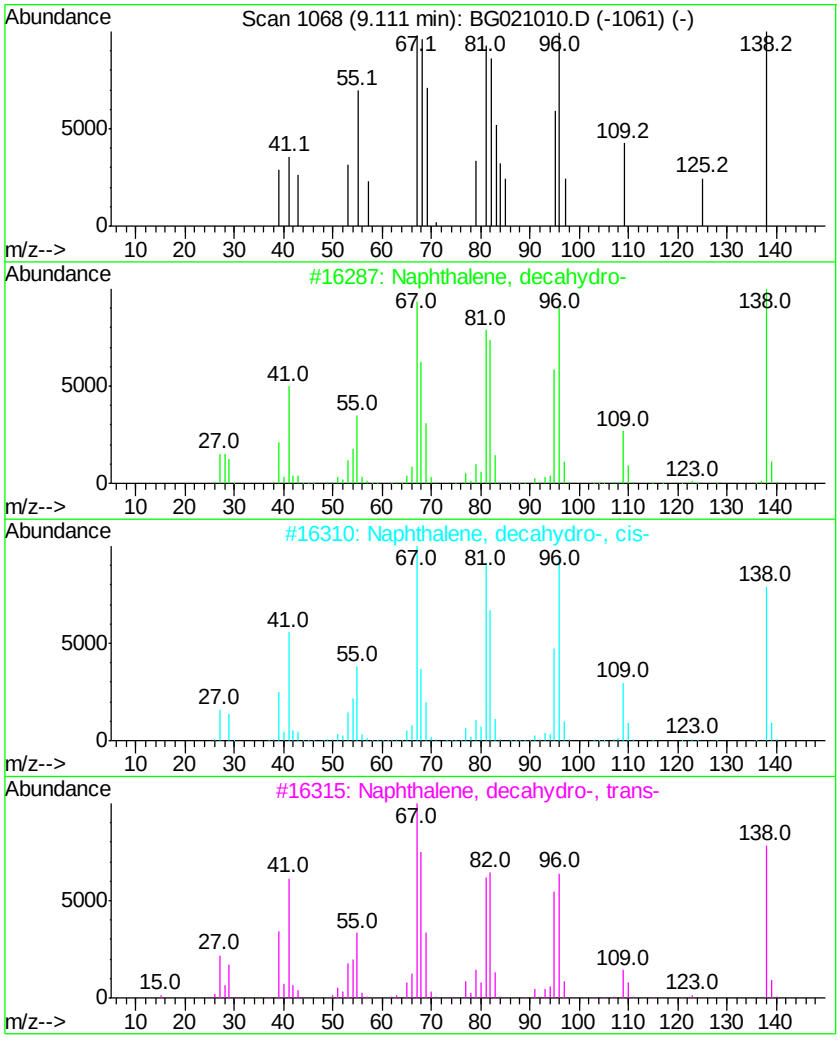
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

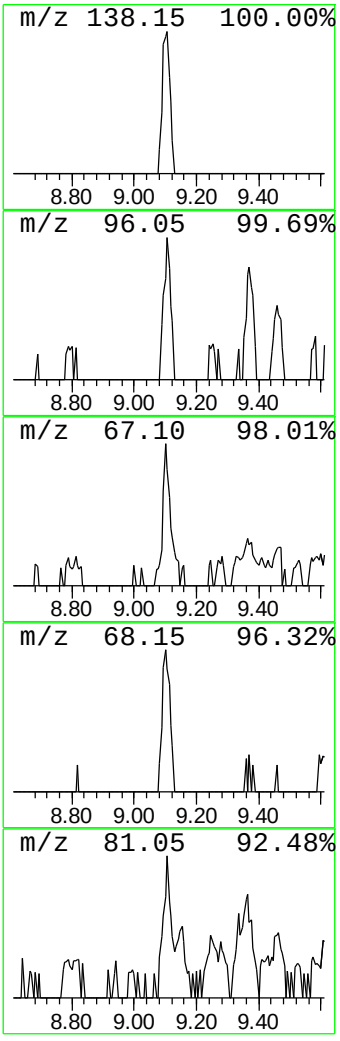
****

Peak Number 3 Naphthalene, decahydro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	2.87 ng	20430	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
2	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	95
3	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	76
4	endo-2-Methylbicyclo[3.3.1]nonane	138	C10H18	042558-37-2	58
5	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

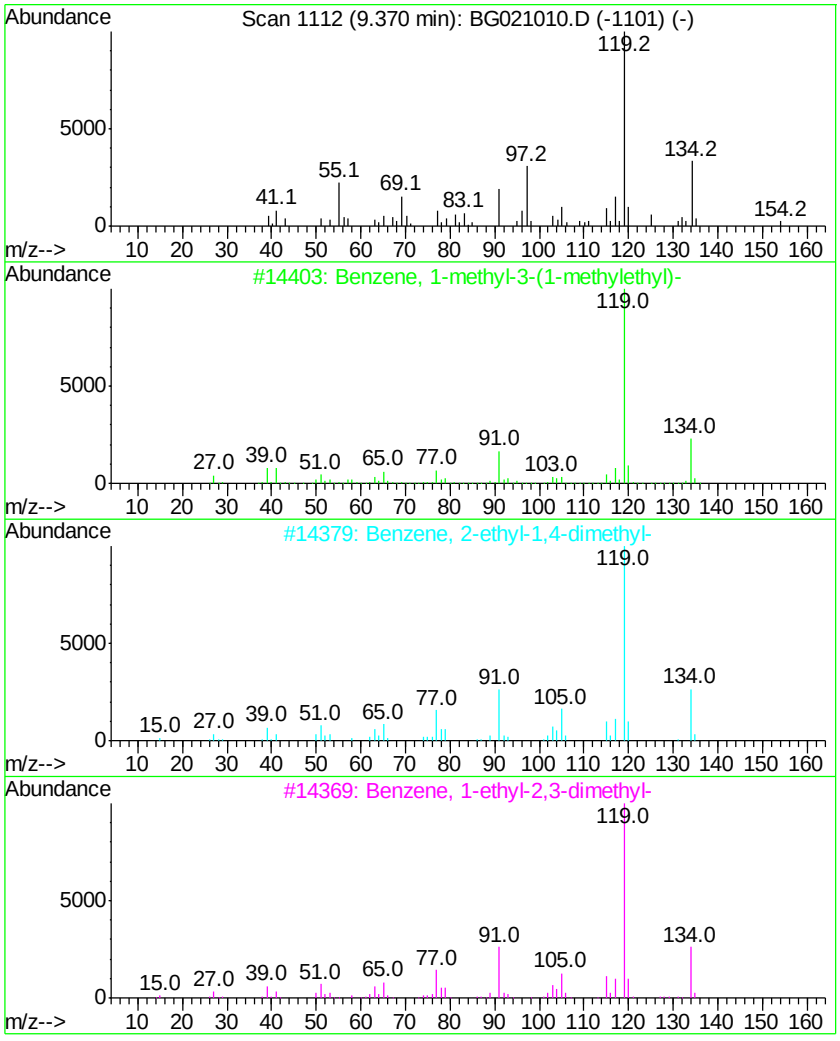
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

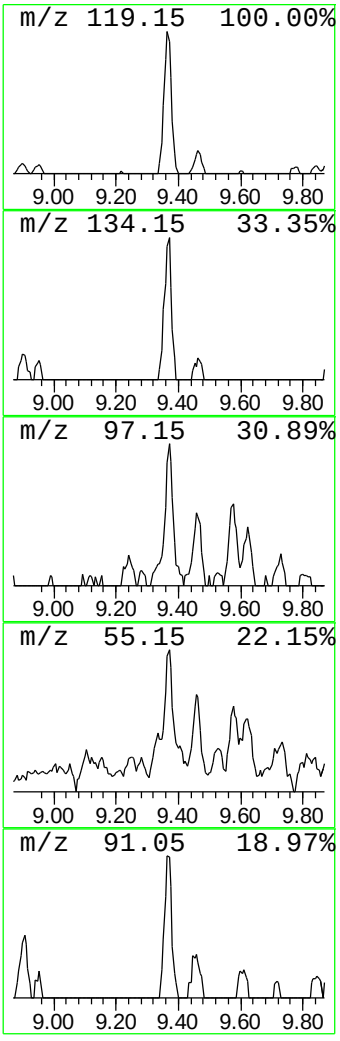
****

Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	9.75 ng	69397	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	87
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

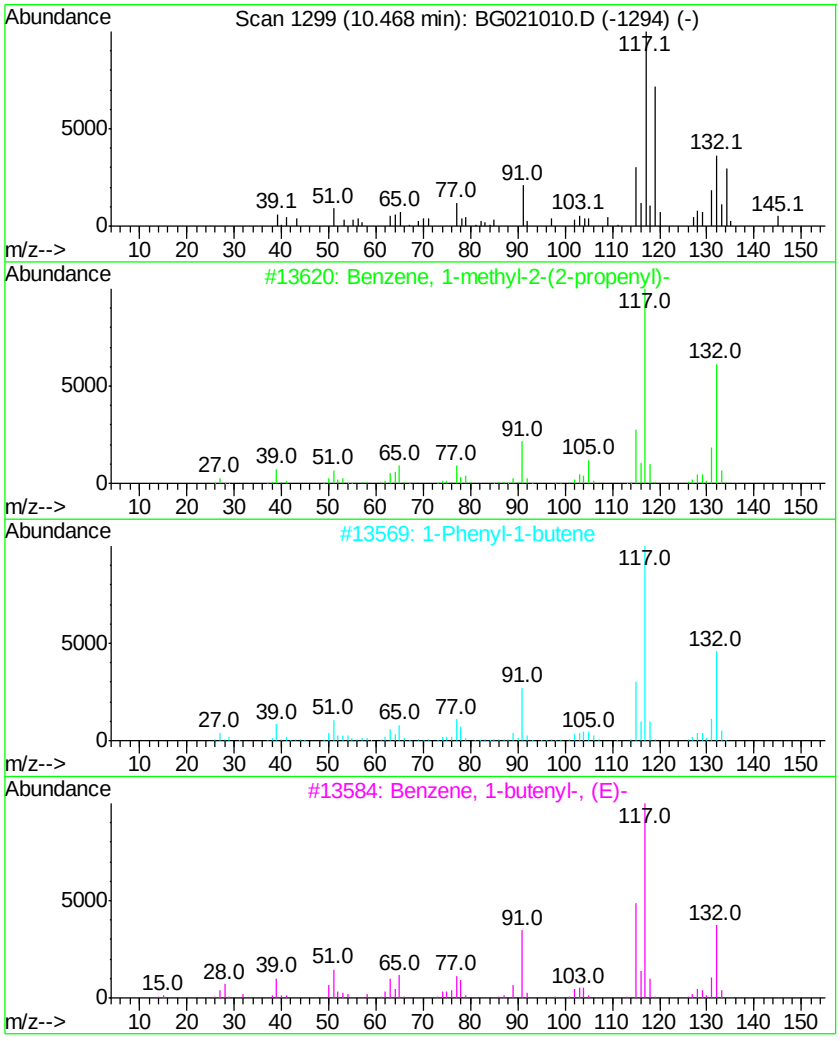
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

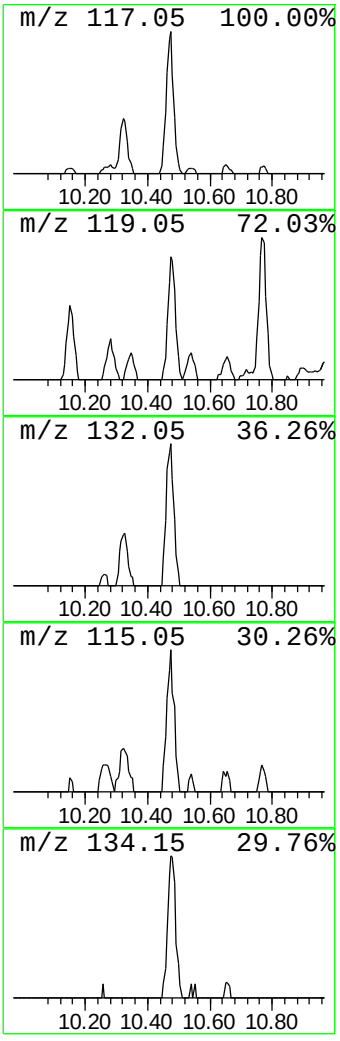
****

Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	3.51 ng	65255	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
3	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	55
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55





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Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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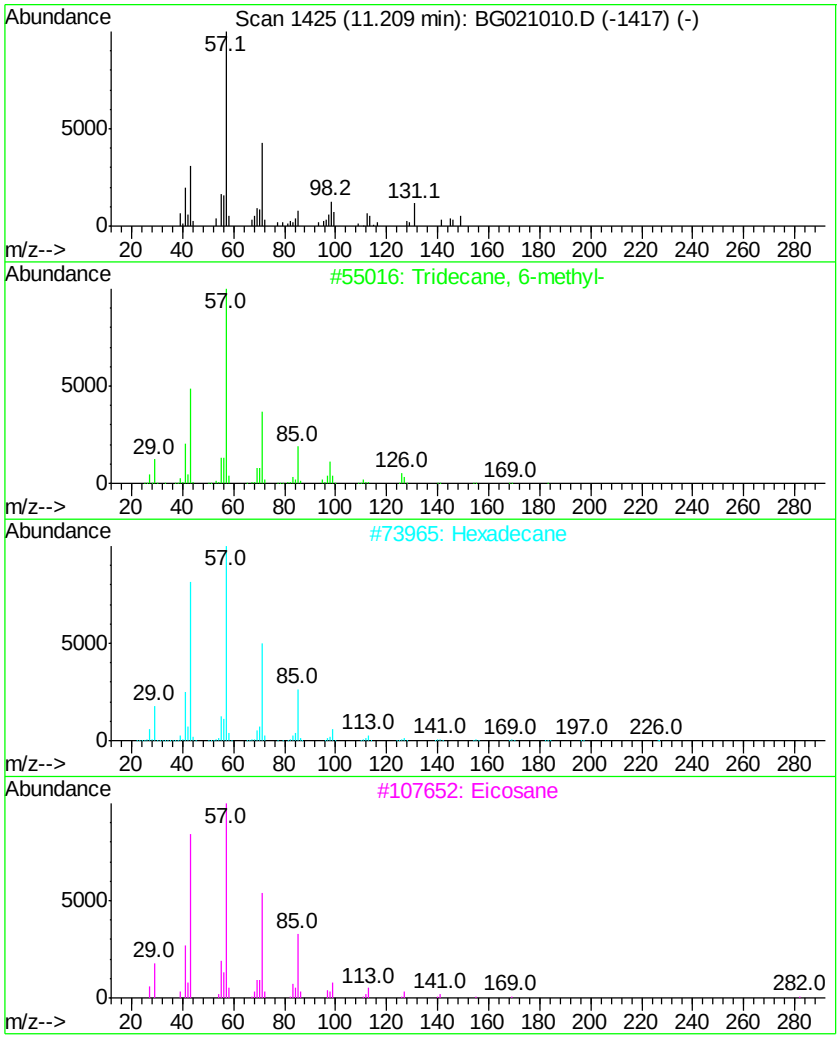
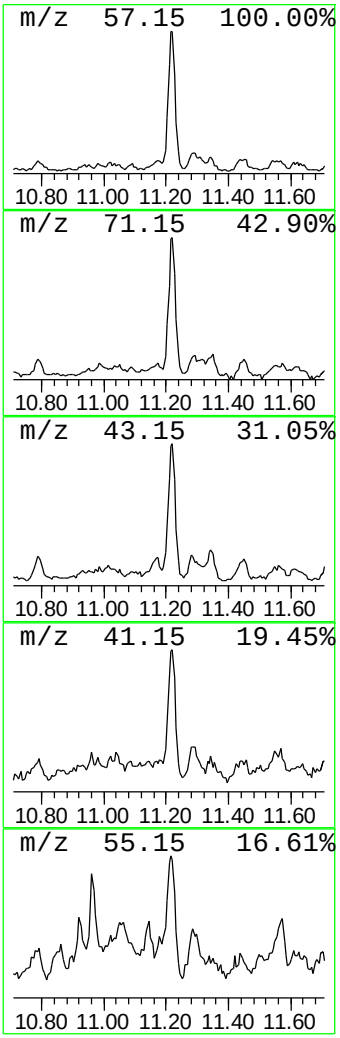
Peak Number 6 Tridecane, 6-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	6.13 ng	114146	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2	Hexadecane	226	C16H34	000544-76-3	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
5	Octacosane	394	C28H58	000630-02-4	59





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Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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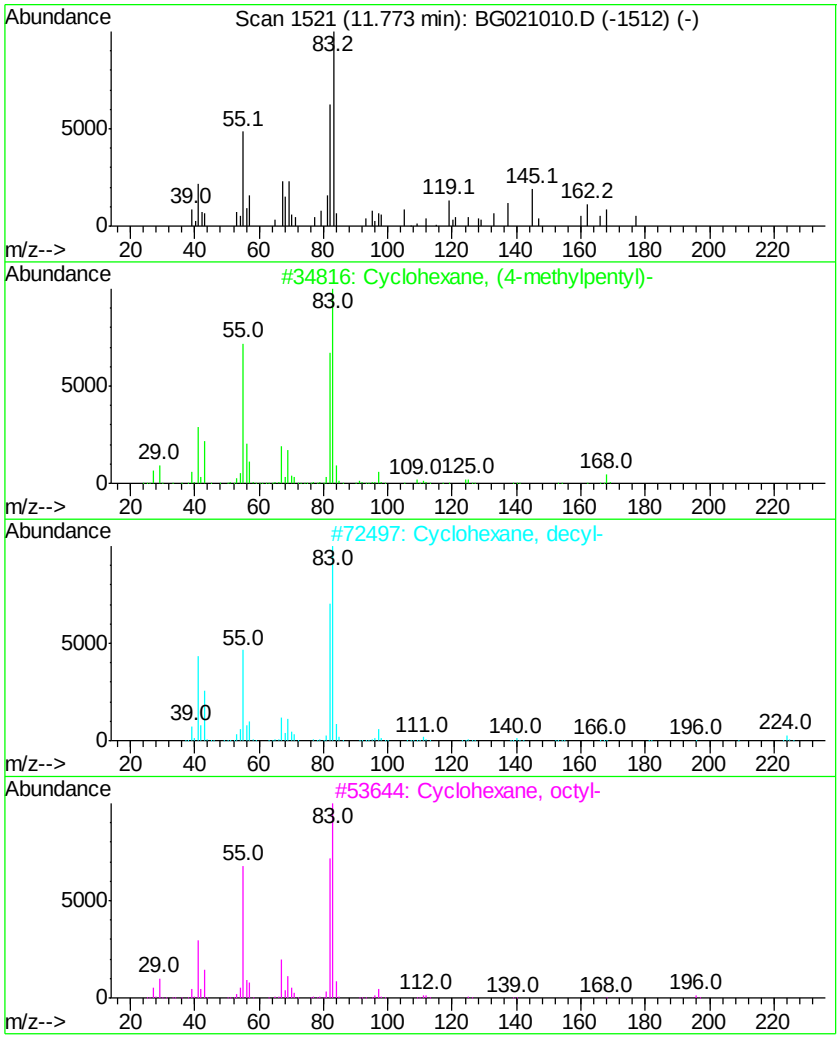
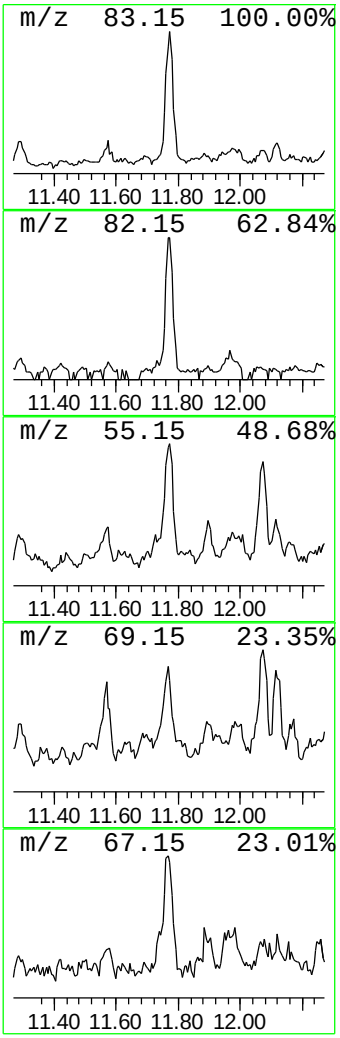
Peak Number 7 unknown11.77 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.16 ng	77376	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	47
2	Cyclohexane, decyl-	224	C16H32	001795-16-0	47
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	47
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
5	n-Amylcyclohexane	154	C11H22	029949-27-7	47





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Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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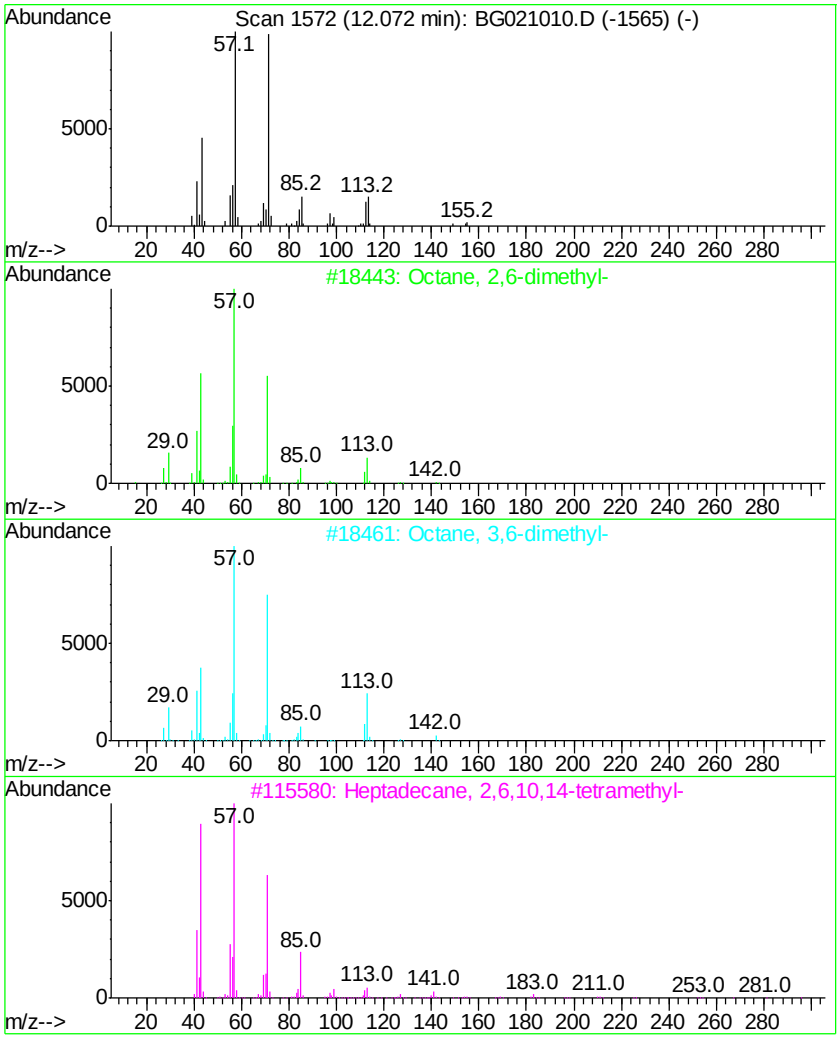
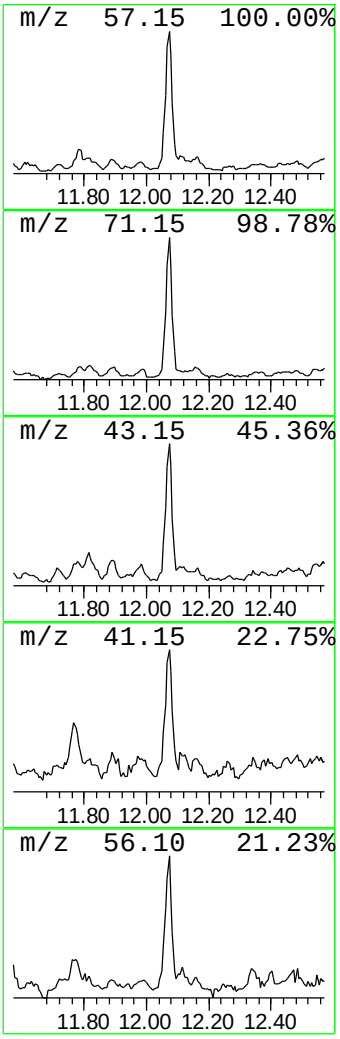
Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	4.62 ng	86077	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64





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Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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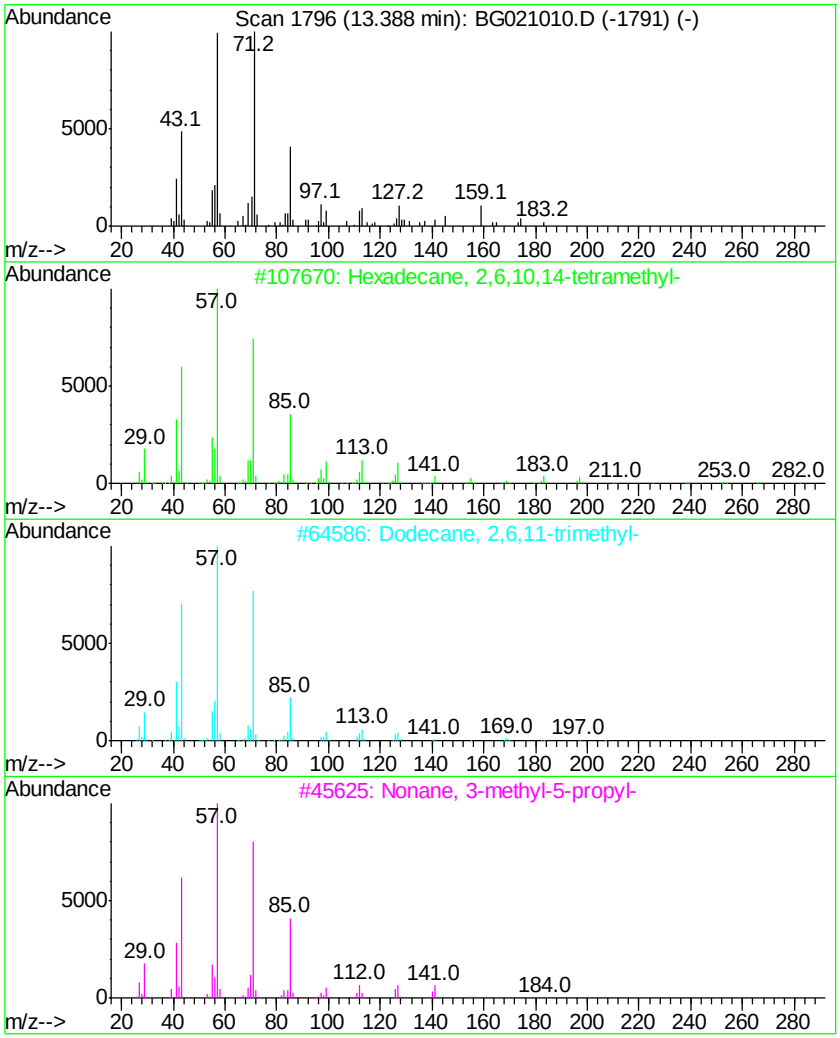
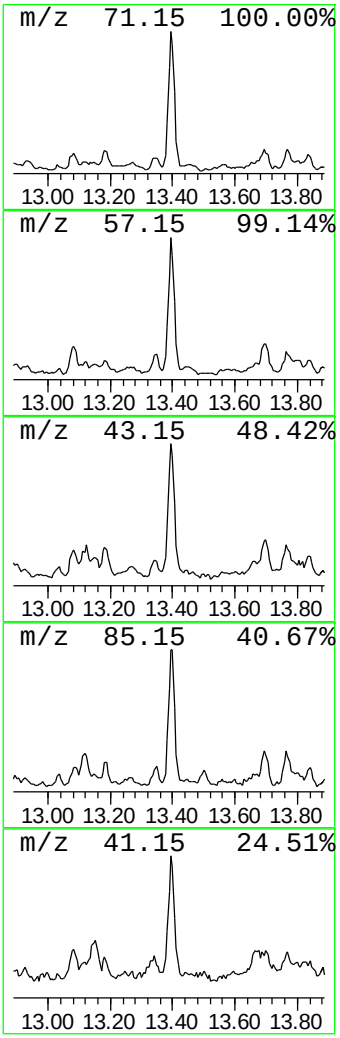
Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	5.72 ng	108009	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53





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Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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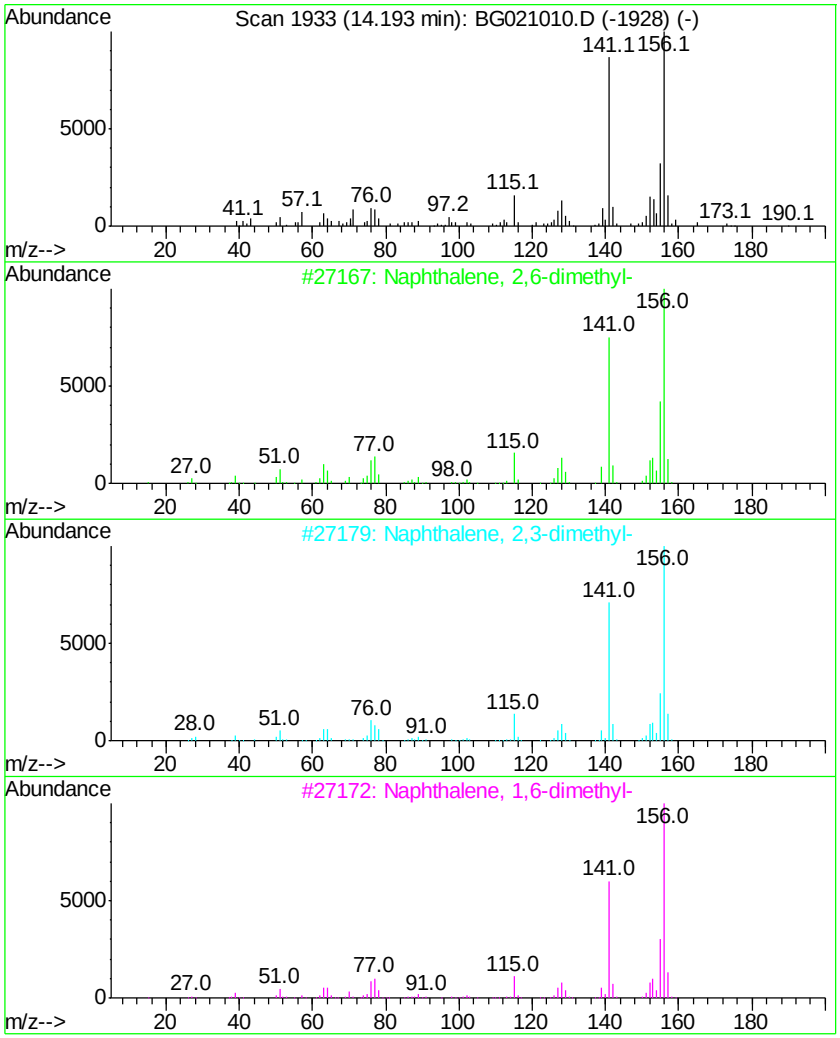
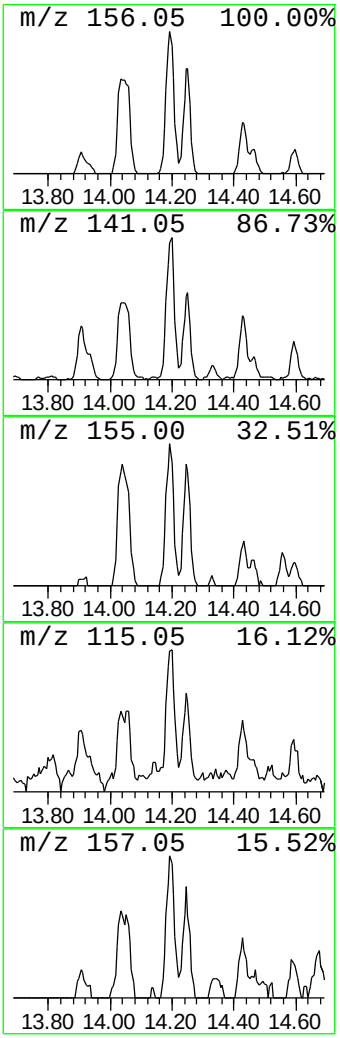
Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	6.54 ng	123350	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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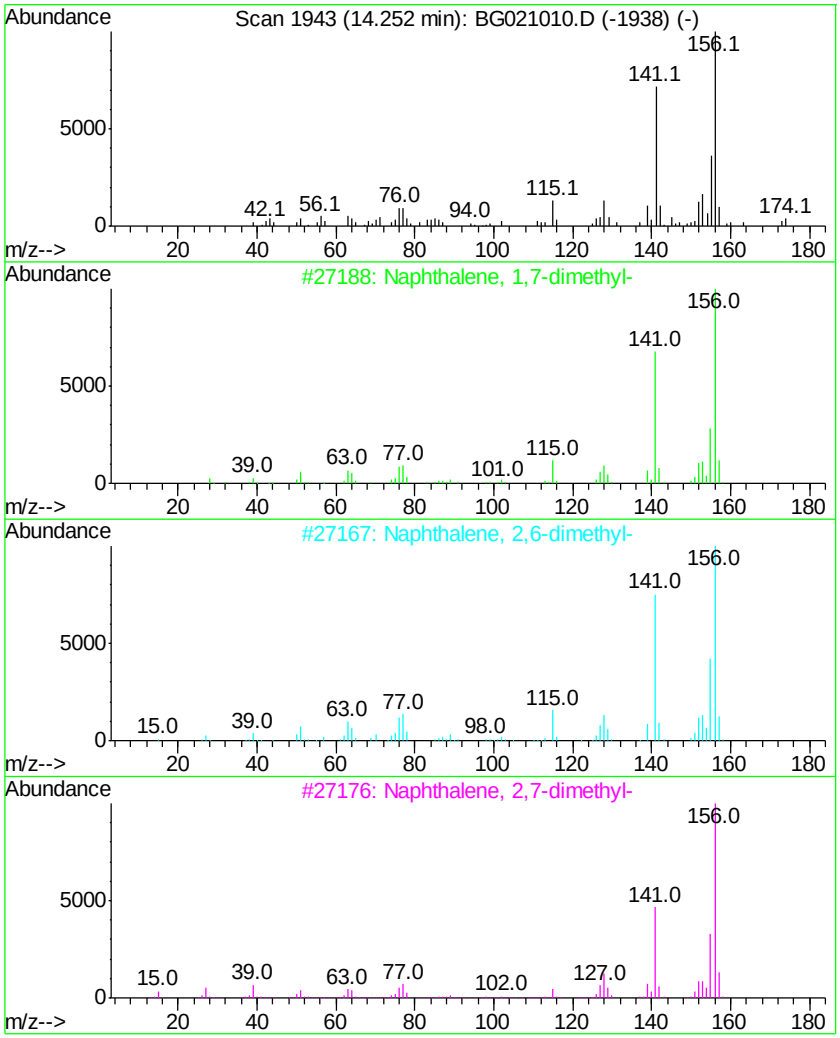
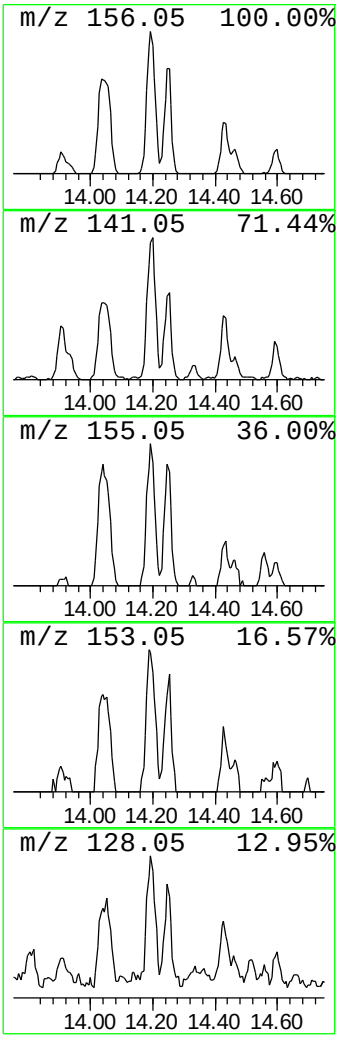
Peak Number 12 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	4.10 ng	77321	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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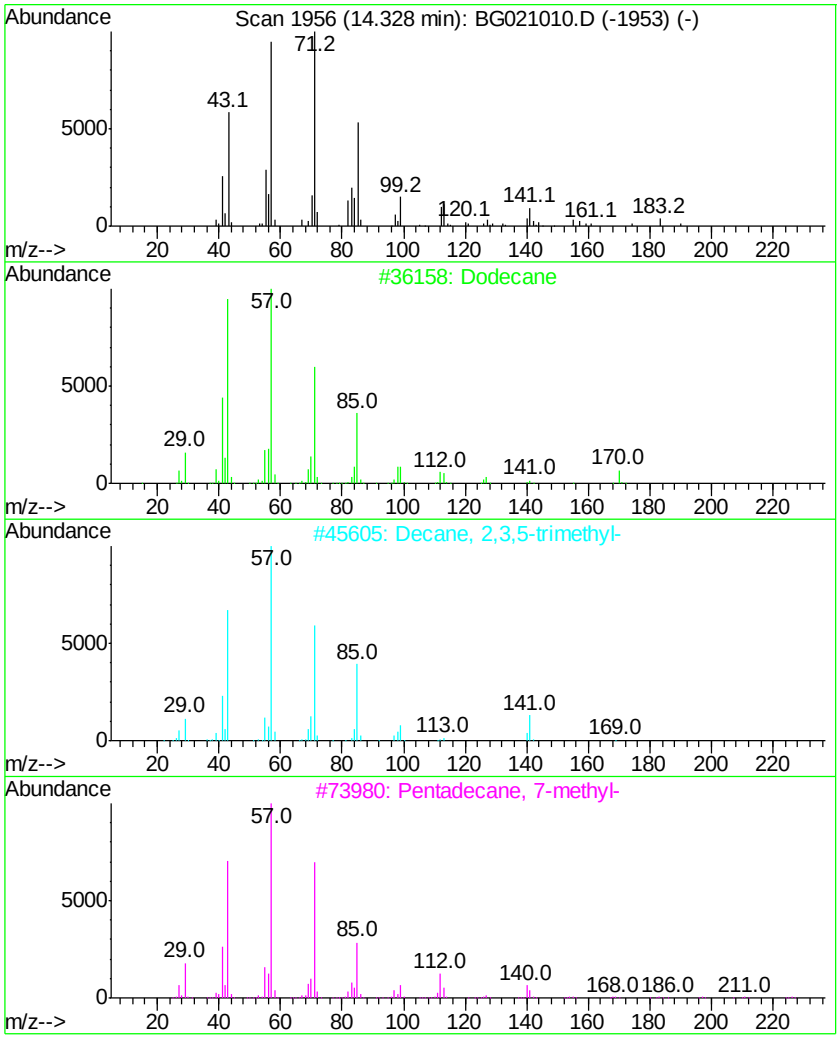
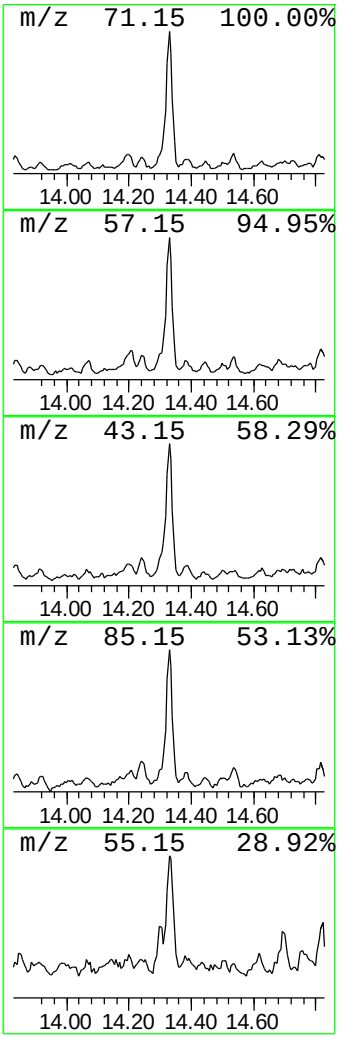
Peak Number 13 Dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	5.76 ng	108766	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	80
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47





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Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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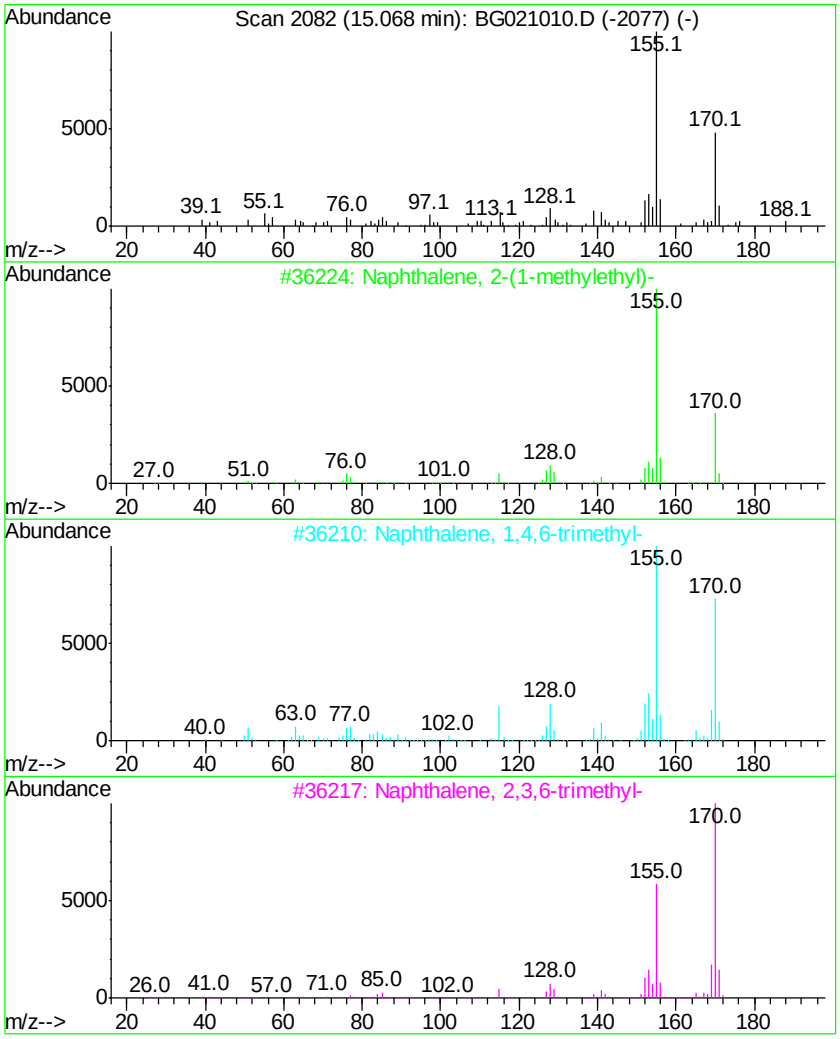
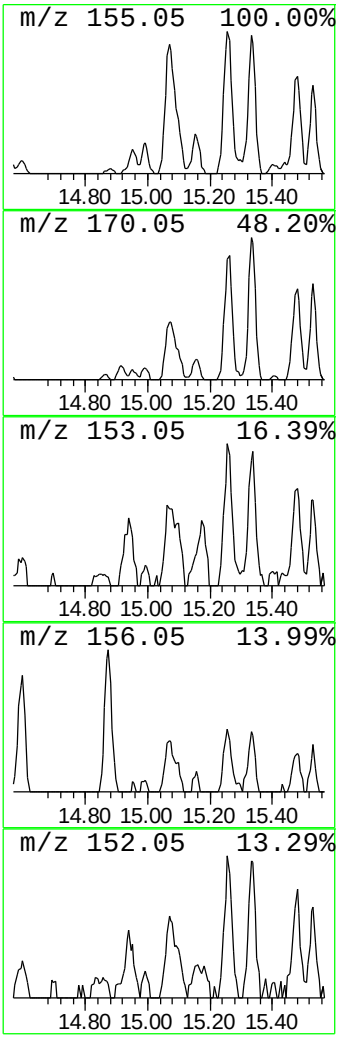
Peak Number 14 Naphthalene, 2-(1-methyleth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	3.86 ng	72796	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	90
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83





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Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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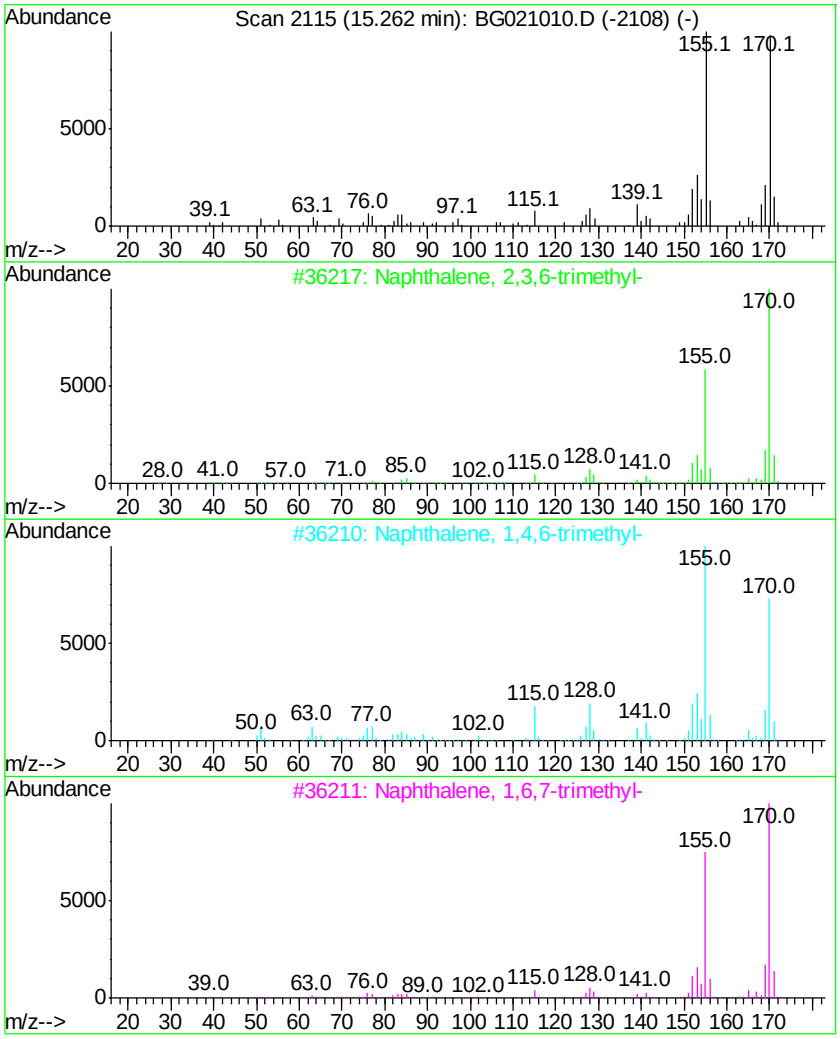
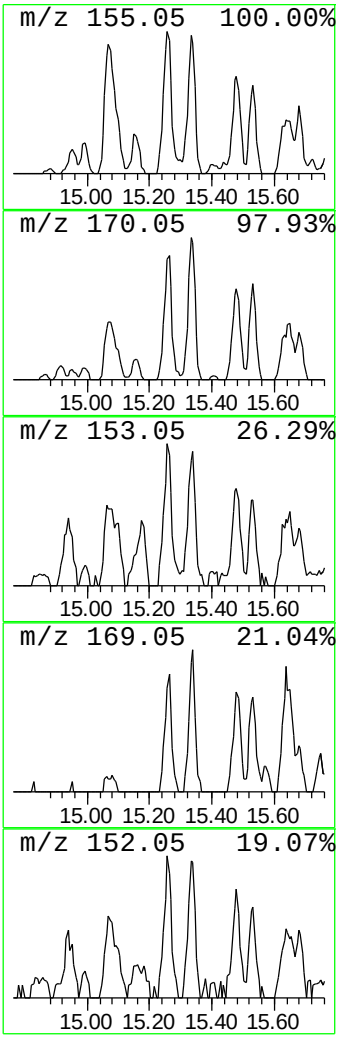
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	4.55 ng	85901	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	86





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Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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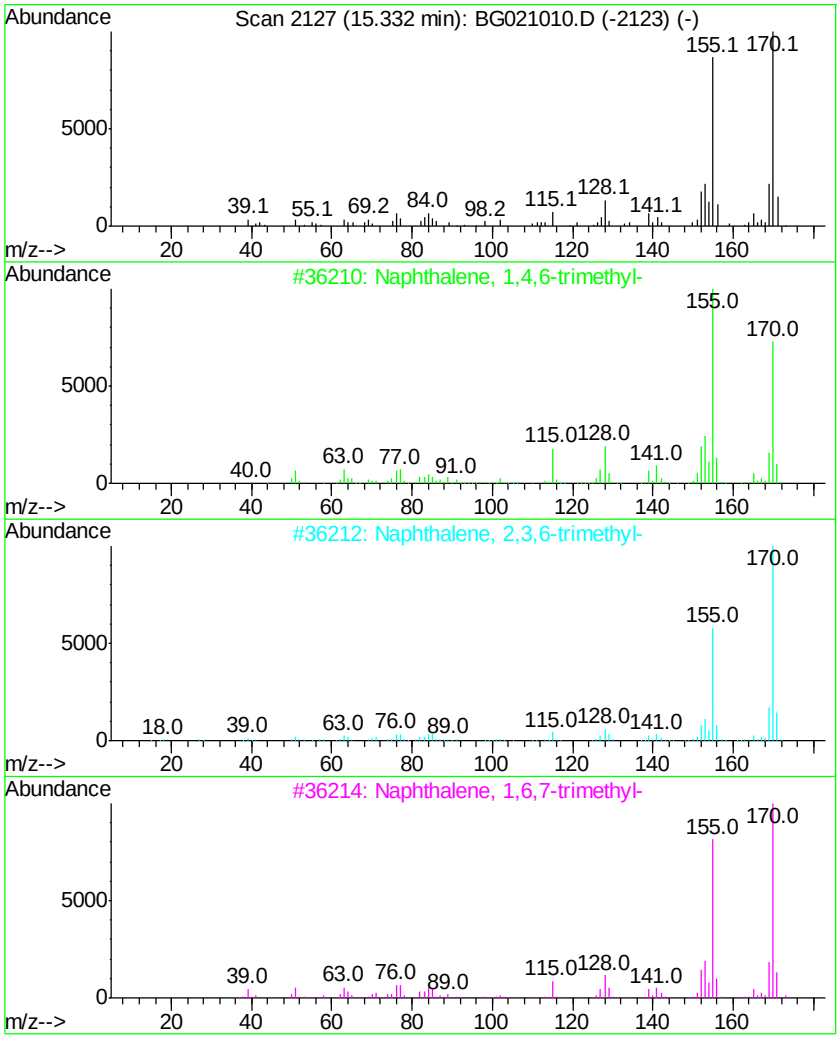
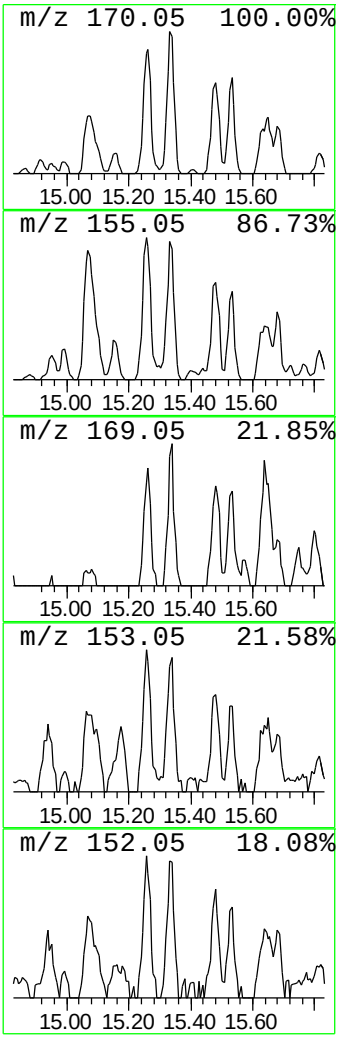
Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	3.37 ng	63657	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Sample : H1453-15 40X
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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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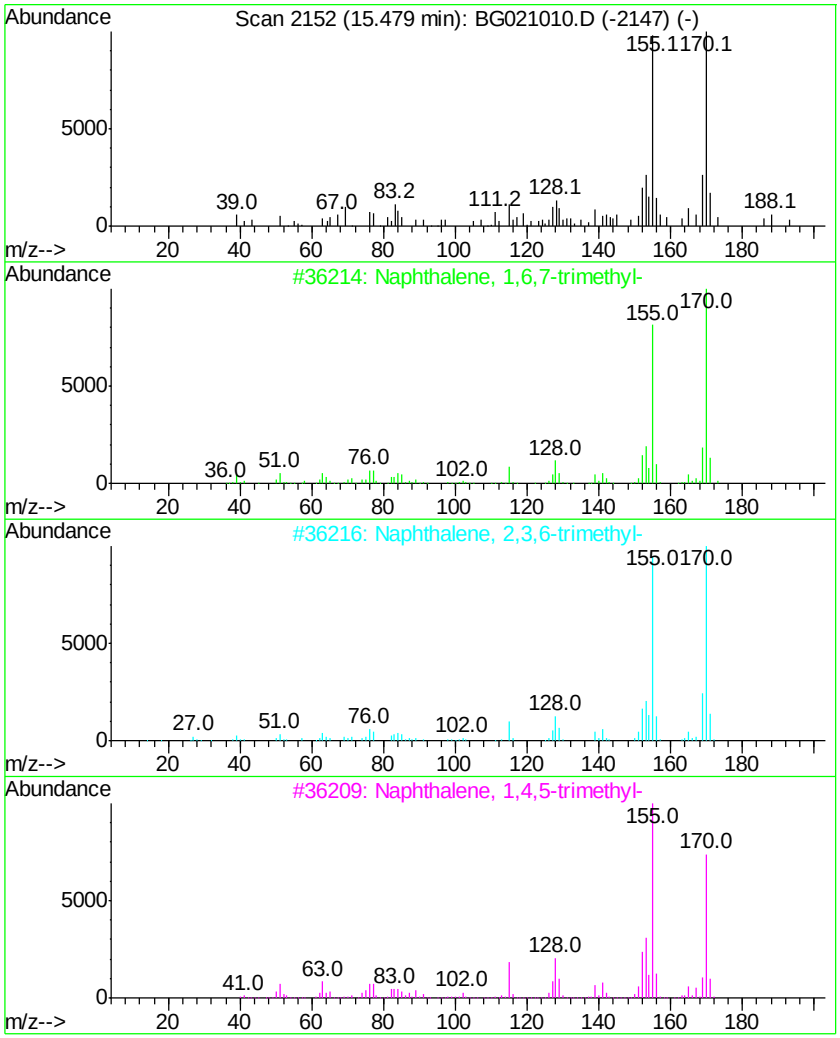
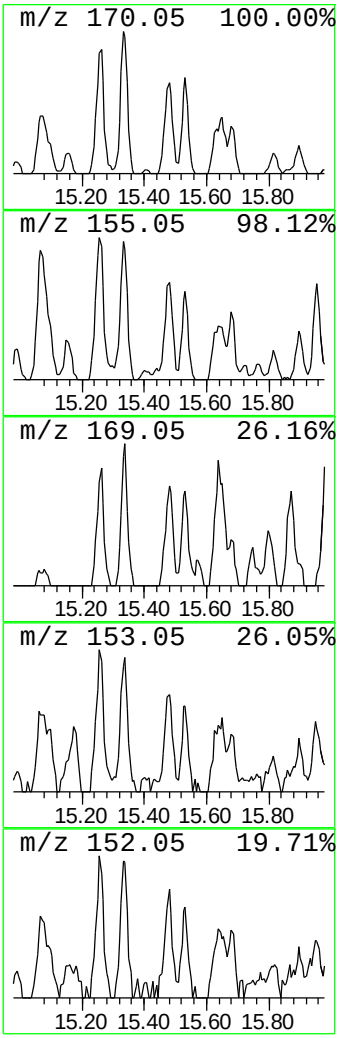
Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	3.34 ng	63095	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91





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Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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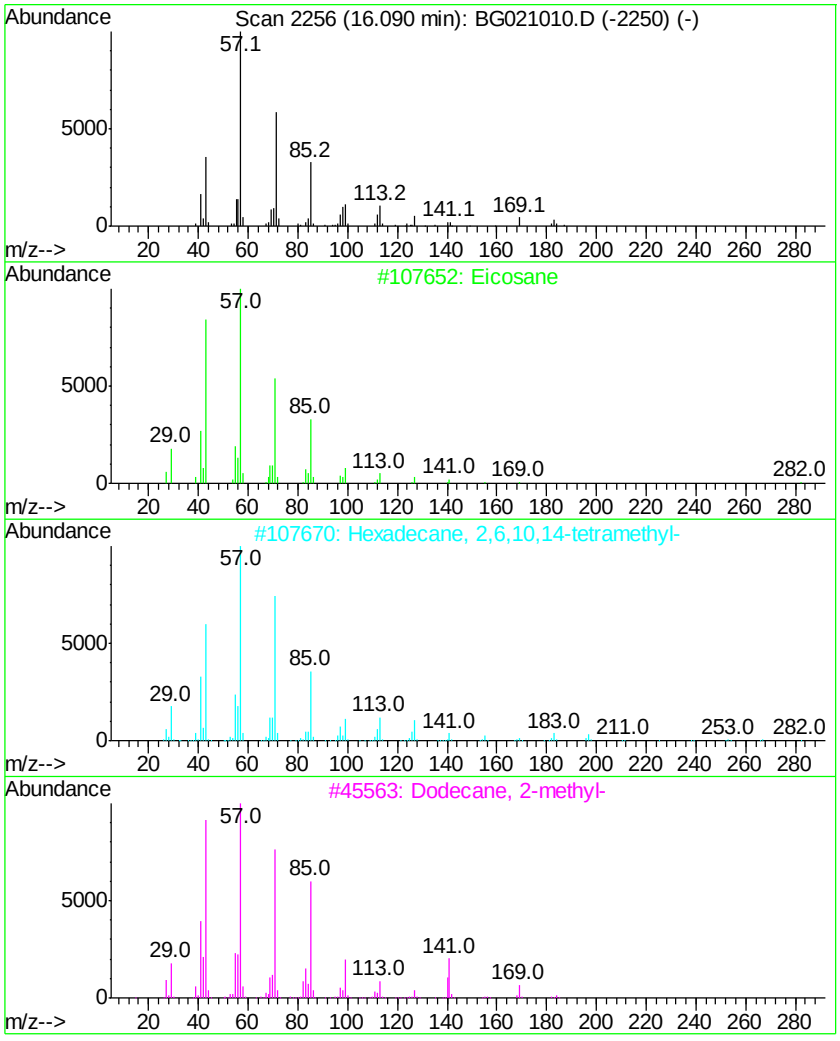
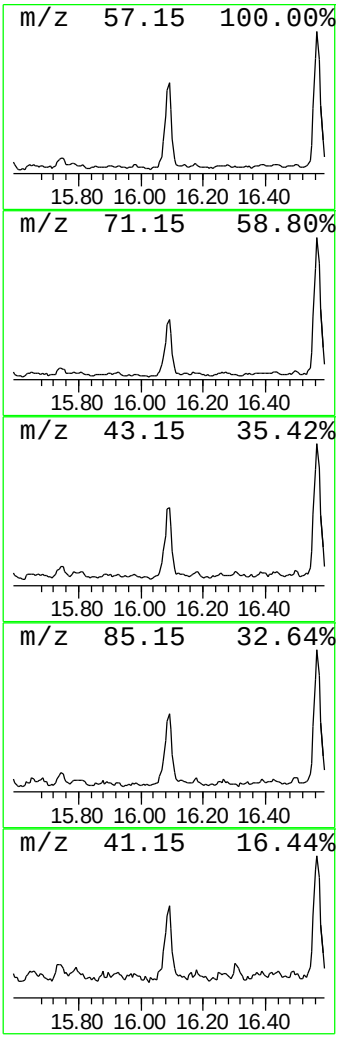
Peak Number 18 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	7.55 ng	142444	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	72
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	68
4	Heptadecane	240	C17H36	000629-78-7	64
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

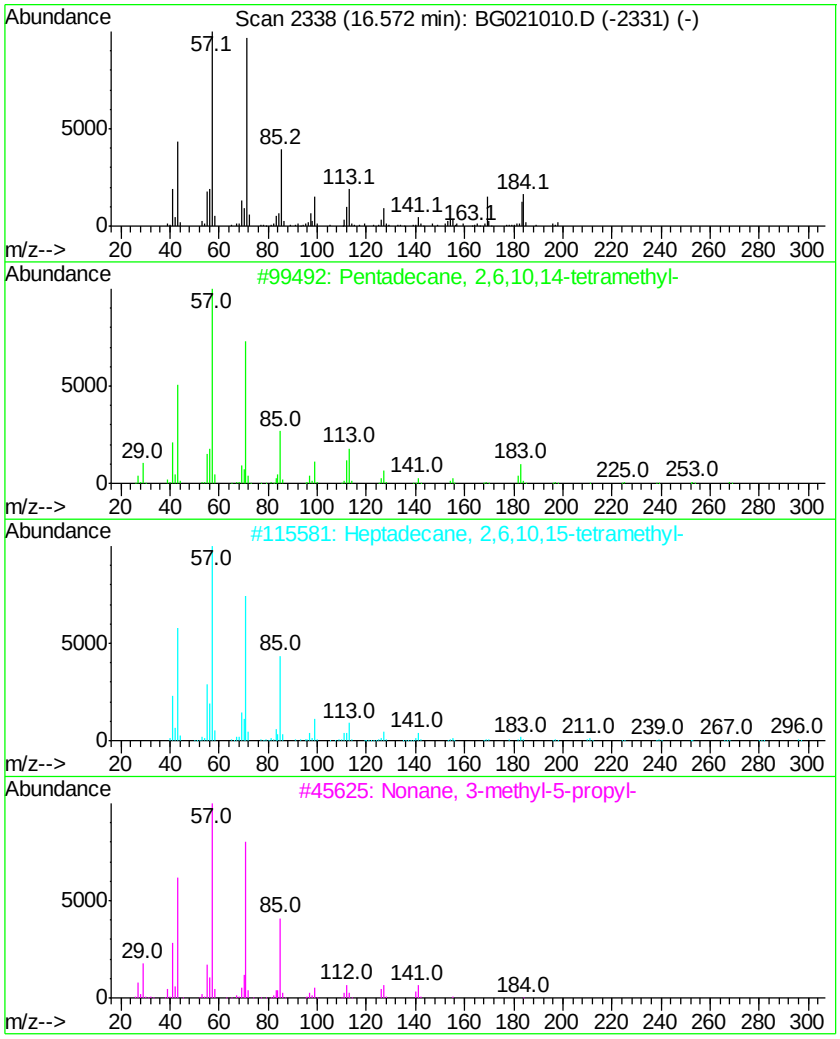
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

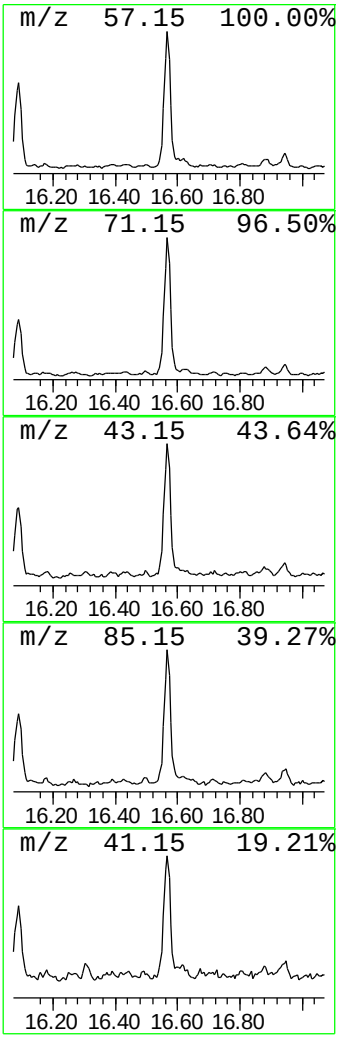
****

Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	12.69 ng	216205	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
4	Tridecane	184	C13H28	000629-50-5	53
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

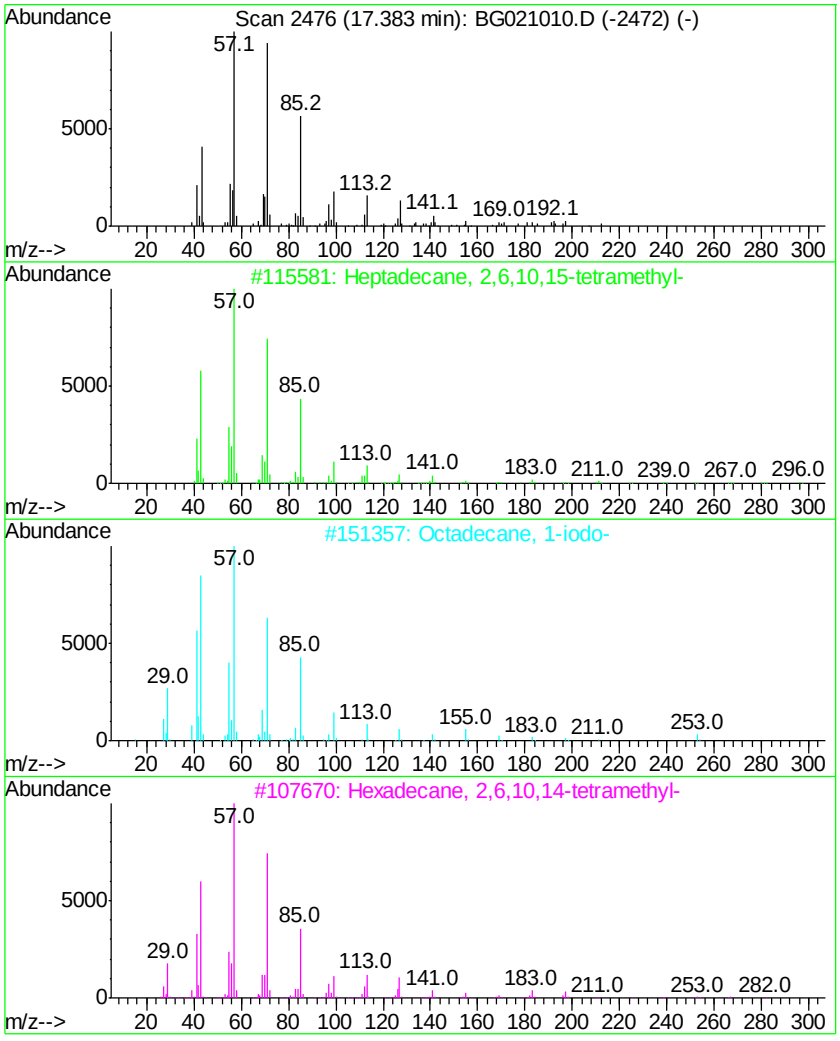
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

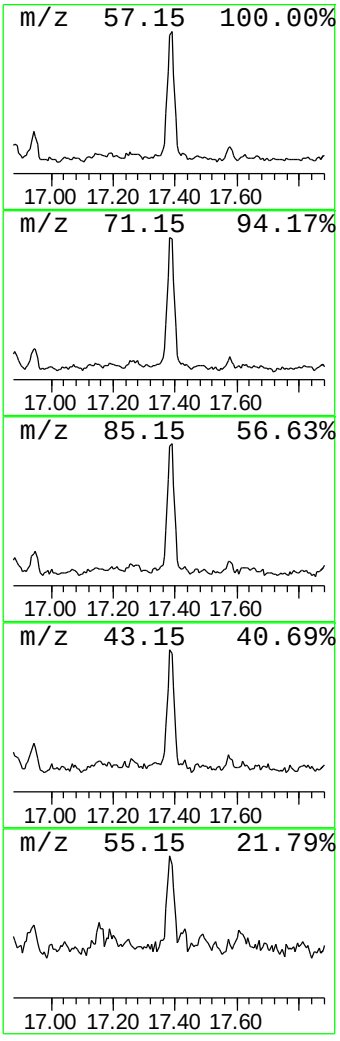
****

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	5.15 ng	87681	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4	Tetracosane	338	C24H50	000646-31-1	80
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
Data File : BG021010.D
Acq On : 20 Feb 2016 15:54
Operator : SJ/UM
Sample : H1453-15 40X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-B-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.09	3.09	5.6	ng	39551	1	8.26	142352	20.0
unknown7.78	7.78	2.9	ng	20611	1	8.26	142352	20.0
Naphthalene, deca...	9.11	2.9	ng	20430	1	8.26	142352	20.0
Benzene, 1-methyl...	9.37	9.8	ng	69397	1	8.26	142352	20.0
Benzene, 1-methyl...	10.47	3.5	ng	65255	2	11.09	372286	20.0
Tridecane, 6-methyl-	11.21	6.1	ng	114146	2	11.09	372286	20.0
unknown11.77	11.77	4.2	ng	77376	2	11.09	372286	20.0
Octane, 2,6-dimet...	12.07	4.6	ng	86077	2	11.09	372286	20.0
Hexadecane, 2,6,1...	13.39	5.7	ng	108009	3	14.87	377389	20.0
Naphthalene, 2,6-...	14.19	6.5	ng	123350	3	14.87	377389	20.0
Naphthalene, 1,7-...	14.25	4.1	ng	77321	3	14.87	377389	20.0
Dodecane	14.33	5.8	ng	108766	3	14.87	377389	20.0
Naphthalene, 2-(1...	15.07	3.9	ng	72796	3	14.87	377389	20.0
Naphthalene, 2,3,...	15.26	4.5	ng	85901	3	14.87	377389	20.0
Naphthalene, 1,4,...	15.33	3.4	ng	63657	3	14.87	377389	20.0
Naphthalene, 1,6,...	15.48	3.3	ng	63095	3	14.87	377389	20.0
Eicosane	16.09	7.5	ng	142444	3	14.87	377389	20.0
Pentadecane, 2,6,...	16.57	12.7	ng	216205	4	17.61	340786	20.0
Heptadecane, 2,6,...	17.38	5.2	ng	87681	4	17.61	340786	20.0