LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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	3.240	61	68	77	rBV	56342	101790	7.42%	0.934%
2	3.317	77	81	87	rVB	27288	36759	2.68%	0.337%
3	5.314	416	421	427	rVB	22254	32571	2.37%	0.299%
4	5.790	496	502	512	rBV	149605	243180	17.73%	2.232%
5	7.405	769	777	782	rBV	107479	188065	13.71%	1.726%
6	7.446	782	784	789	rVV2	15920	21167	1.54%	0.194%
7	7.511	789	795	801	rVB	23407	37608	2.74%	0.345%
8	7.787	835	842	851	rBV	330029	570178	41.57%	5.234%
9	8.139	895	902	909	rVB7	15277	33806	2.46%	0.310%
10	8.257	916	922	927	rBV	60148	103772	7.57%	0.953%
11	8.304	927	930	938	rVB4	20104	34539	2.52%	0.317%
12	8.586	971	978	992	rVB	297318	554707	40.44%	5.092%
13	8.897	1025	1031	1036	rBV2	8661	15987	1.17%	0.147%
14	8.962	1036	1042	1048	rVB5	6687	16585	1.21%	0.152%
15	9.162	1069	1076	1080	rBV3	12682	28441	2.07%	0.261%
16	9.197	1080	1082	1090	rVB5	11496	17775	1.30%	0.163%
17	9.285	1090	1097	1102	rBV3	28358	58507	4.27%	0.537%
18	9.367	1107	1111	1115	rVB4	10600	16678	1.22%	0.153%
19	9.432	1115	1122	1129	rBV	239908	416491	30.37%	3.823%
20	9.538	1136	1140	1146	rVB	12203	21695	1.58%	0.199%
21	9.643	1149	1158	1162	rBV8	5312	13724	1.00%	0.126%
22	9.896	1195	1201	1207	rVB	22826	41766	3.05%	0.383%
23	9.990	1208	1217	1222	rBV	6476	19479	1.42%	0.179%
24	10.096	1225	1235	1238	rBV4	11475	28887	2.11%	0.265%
25	10.430	1282	1292	1294	rBV6	11016	25354	1.85%	0.233%
26	10.472	1295	1299	1309	rVB3	26131	52171	3.80%	0.479%
27	10.671	1326	1333	1340	rBV9	8475	21609	1.58%	0.198%
28	10.795	1340	1354	1370	rVV4	38841	143586	10.47%	1.318%
29	10.930	1370	1377	1382	rVV4	11739	28249	2.06%	0.259%
30	10.983	1382	1386	1394	rVB4	16835	32249	2.35%	0.296%
31	11.082	1394	1403	1417	rBV	117210	253838	18.51%	2.330%
32	11.194	1417	1422	1428	rVB4	12849	24093	1.76%	0.221%
33	11.317	1438	1443	1451	rBV7	16635	39994	2.92%	0.367%
34	11.453	1460	1466	1467	rBV3	9416	16607	1.21%	0.152%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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	11.517	1468	1477	1486	rVB6	43750	130721	9.53%	1.200%
36	11.658	1494	1501	1506	rVB5	12379	27165	1.98%	0.249%
37	11.805	1518	1526	1533	rVB3	25695	52550	3.83%	0.482%
38	11.905	1533	1543	1544	rBV5	12749	28952	2.11%	0.266%
39	11.987	1553	1557	1561	rVB6	9581	15210	1.11%	0.140%
40	12.128	1572	1581	1586	rBV9	20156	46254	3.37%	0.425%
41	12.187	1586	1591	1598	rVB2	21324	40057	2.92%	0.368%
42	12.322	1609	1614	1619	rBV	25416	39322	2.87%	0.361%
43	12.369	1619	1622	1629	rVB5	9655	17849	1.30%	0.164%
44	12.469	1633	1639	1642	rBV6	7087	15377	1.12%	0.141%
45	12.528	1644	1649	1655	rVB3	12149	25573	1.86%	0.235%
46	12.610	1655	1663	1671	rBV5	37678	89117	6.50%	0.818%
47	12.710	1675	1680	1682	rVV2	21924	36791	2.68%	0.338%
48	12.745	1682	1686	1692	rVV3	41731	83055	6.06%	0.762%
49	12.810	1693	1697	1703	rVB7	18993	40349	2.94%	0.370%
50	12.933	1709	1718	1722	rBV5	50615	110059	8.02%	1.010%
51	12.992	1722	1728	1733	rVB5	40293	84673	6.17%	0.777%
52	13.162	1750	1757	1760	rBV7	20688	48695	3.55%	0.447%
53	13.221	1760	1767	1773	rVV8	40344	109905	8.01%	1.009%
54	13.285	1773	1778	1784	rVB7	13794	32543	2.37%	0.299%
55	13.397	1793	1797	1799	rBV5	12465	18002	1.31%	0.165%
56	13.503	1808	1815	1821	rVB	896466	1371533	100.00%	12.591%
57	13.567	1821	1826	1829	rBV6	16465	34264	2.50%	0.315%
58	13.679	1840	1845	1851	rBV2	60059	113287	8.26%	1.040%
59	13.732	1851	1854	1860	rVB3	26821	41873	3.05%	0.384%
60	13.826	1865	1870	1878	rBV9	23067	70364	5.13%	0.646%
61	13.890	1878	1881	1885	rVB5	17750	23019	1.68%	0.211%
62	13.984	1894	1897	1902	rBV6	9762	14032	1.02%	0.129%
63	14.037	1902	1906	1909	rBV5	14456	17046	1.24%	0.156%
64	14.108	1913	1918	1921	rBV6	23155	39727	2.90%	0.365%
65	14.313	1949	1953	1957	rVB	22010	35172	2.56%	0.323%
66	14.360	1957	1961	1965	rBV3	15472	24517	1.79%	0.225%
67	14.402	1965	1968	1973	rBV4	13168	20701	1.51%	0.190%
68	14.871	2041	2048	2055	rVB2	214825	390217	28.45%	3.582%
69	14.954	2058	2062	2066	rVB7	18782	33441	2.44%	0.307%
70	15.253	2110	2113	2122	rVB2	33079	69712	5.08%	0.640%
71	15.347	2124	2129	2131	rBV2	39751	66657	4.86%	0.612%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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	15.494	2149	2154	2158	rBV6	40939	83752	6.11%	0.769%
73	15.688	2183	2187	2190	rVB2	42840	55139	4.02%	0.506%
74	15.800	2203	2206	2213	rVB4	46879	81769	5.96%	0.751%
75	15.911	2220	2225	2230	rBV3	57224	96798	7.06%	0.889%
76	15.958	2230	2233	2241	rVV9	20113	40685	2.97%	0.373%
77	16.123	2256	2261	2267	rBV6	24992	47948	3.50%	0.440%
78	16.187	2269	2272	2275	rBV4	17167	24960	1.82%	0.229%
79	16.240	2276	2281	2286	rBV2	102445	227046	16.55%	2.084%
80	16.352	2294	2300	2305	rBV2	542316	853551	62.23%	7.836%
81	16.540	2328	2332	2338	rBV7	25843	44012	3.21%	0.404%
82	17.256	2449	2454	2459	rVB	61790	94126	6.86%	0.864%
83	17.609	2509	2514	2521	rVB	209014	311585	22.72%	2.860%
84	18.472	2658	2661	2667	rBV	51248	68336	4.98%	0.627%
85	19.724	2871	2874	2882	rVB3	38207	55956	4.08%	0.514%
86	20.188	2948	2953	2963	rVB	1053570	1329322	96.92%	12.203%
87	21.486	3172	3174	3188	rVB8	19082	37661	2.75%	0.346%
88	21.886	3236	3242	3248	rVB	213454	353517	25.78%	3.245%
89	25.257	3805	3816	3827	rVB	118689	337477	24.61%	3.098%

Sum of corrected areas: 10893328

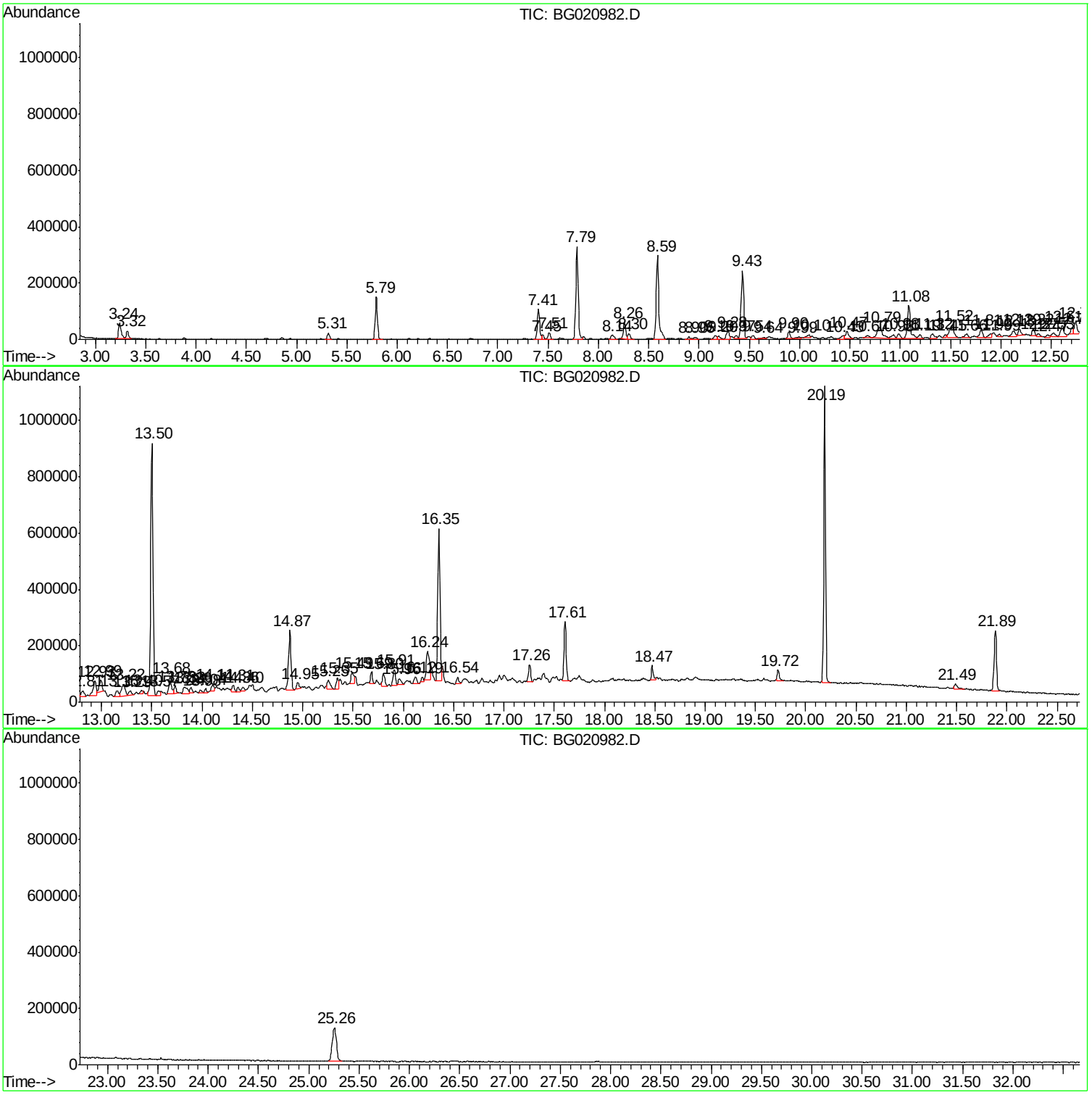
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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 : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

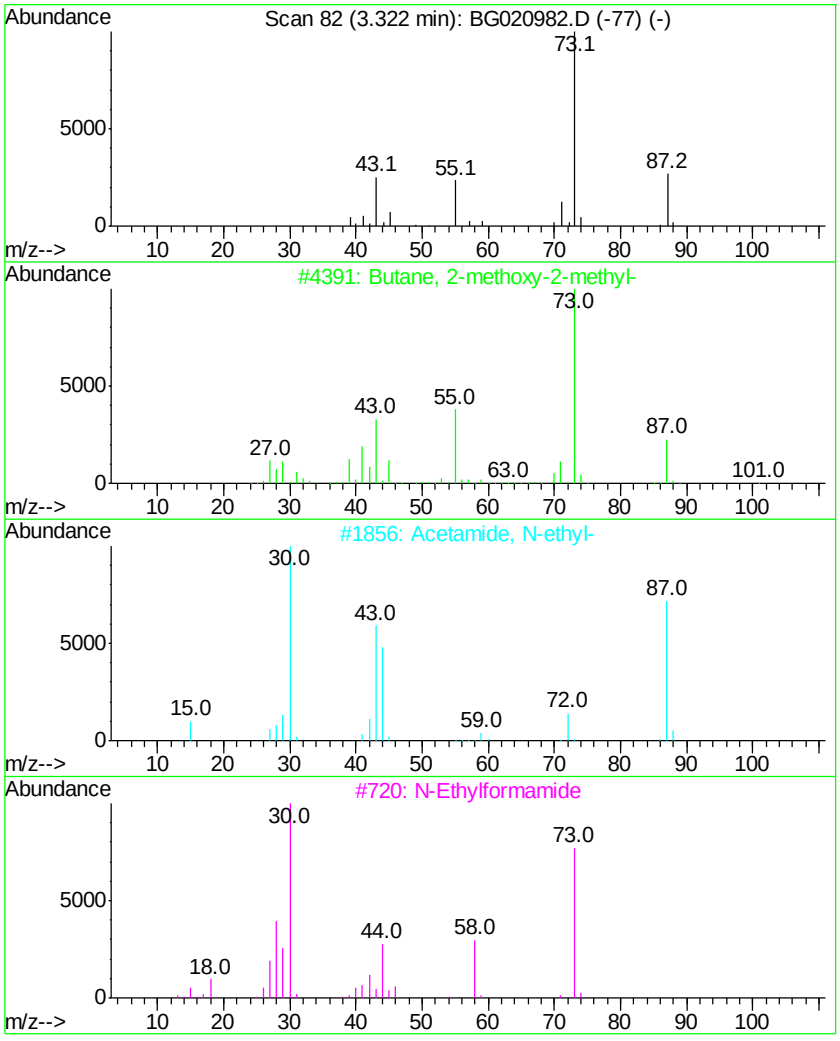
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

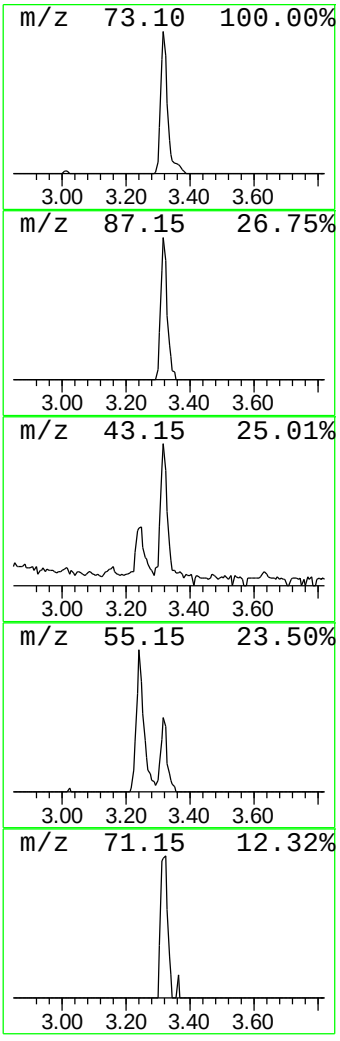
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	7.08 ng	36759	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

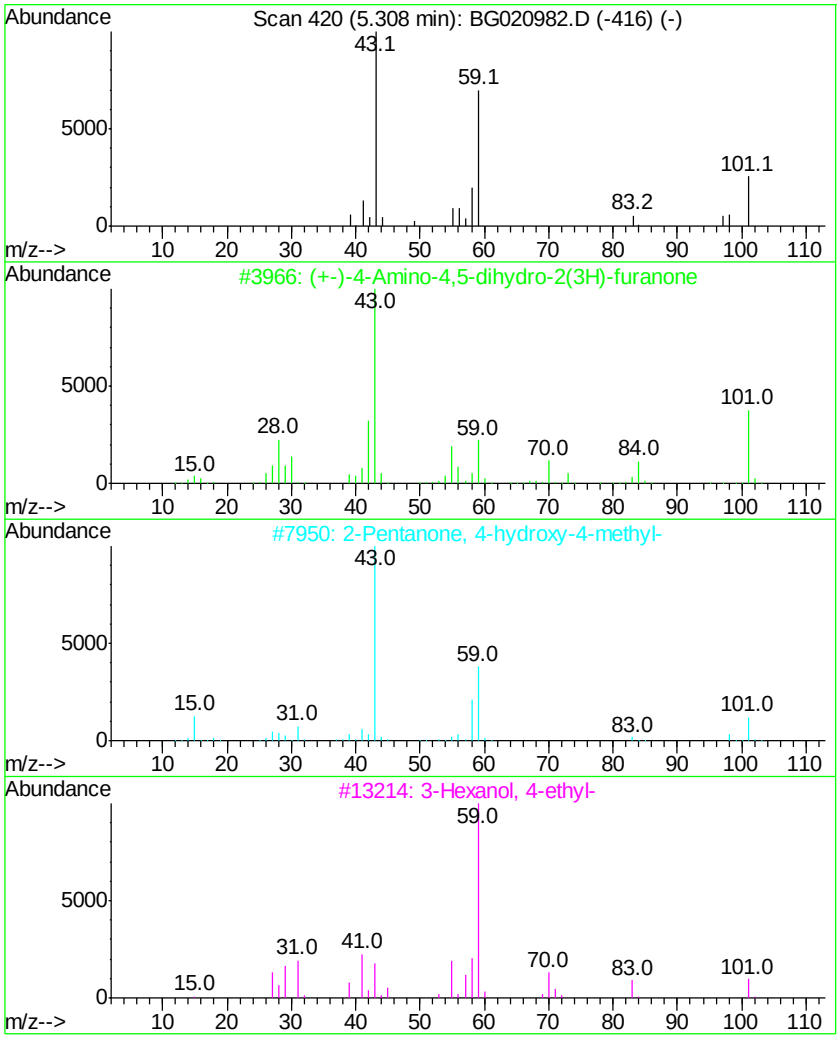
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

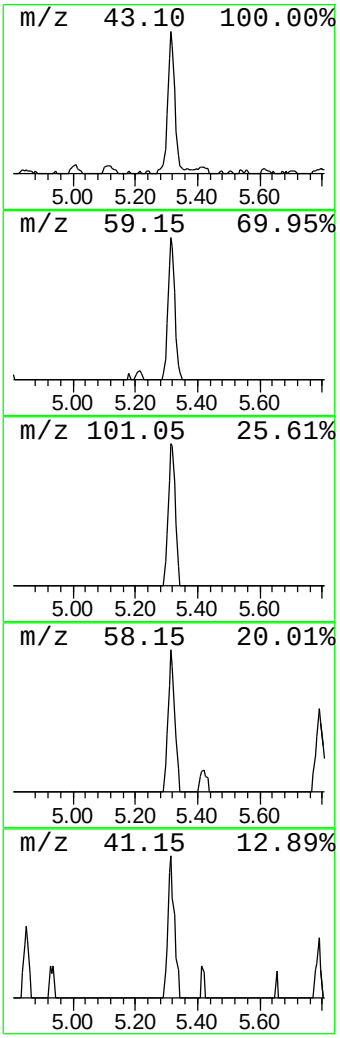
****

Peak Number 3 (+-)-4-Amino-4,5-dihydro-2(... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.31	6.28 ng	32571	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	25
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

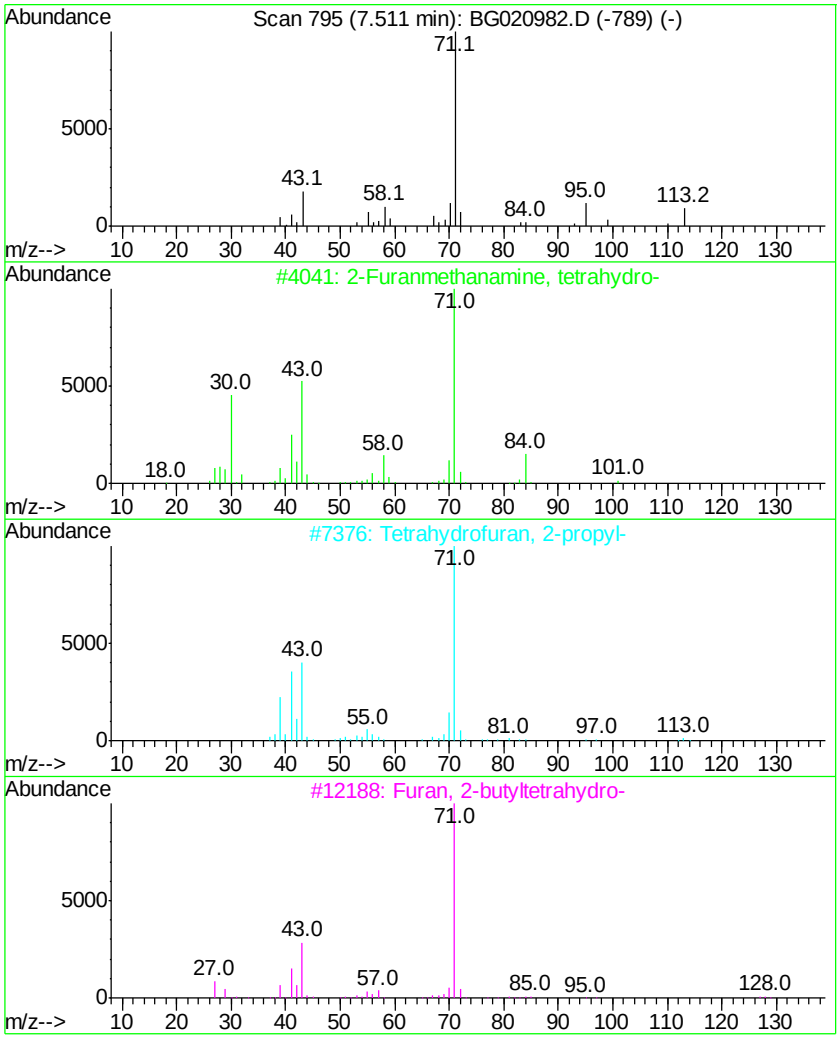
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

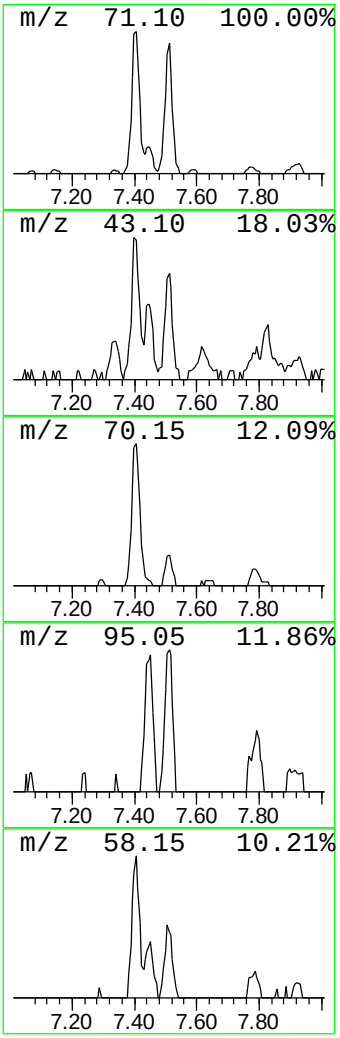
****

Peak Number 4 2-Furanmethanamine, tetrahy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	7.25 ng	37608	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	59
2	Tetrahydrofuran, 2-propyl-	114	C7H14O	003208-22-8	45
3	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	40
4	Furazan-3-carboxamide, 4-amino-N...	212	C8H12N4O3	309735-27-1	33
5	3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	28





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

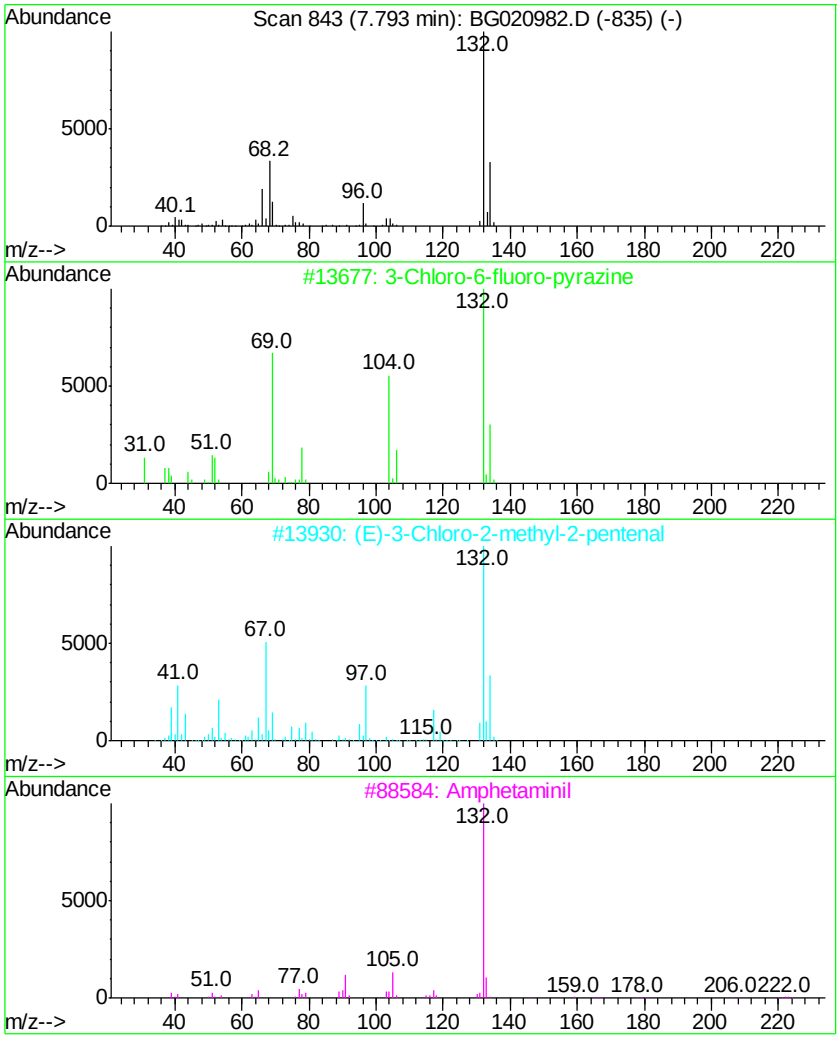
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

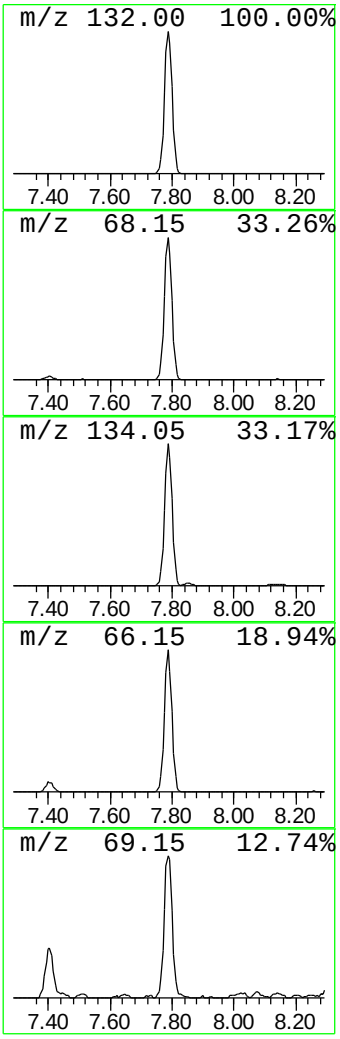
****

Peak Number 5 unknown7.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	109.89 ng	570178	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

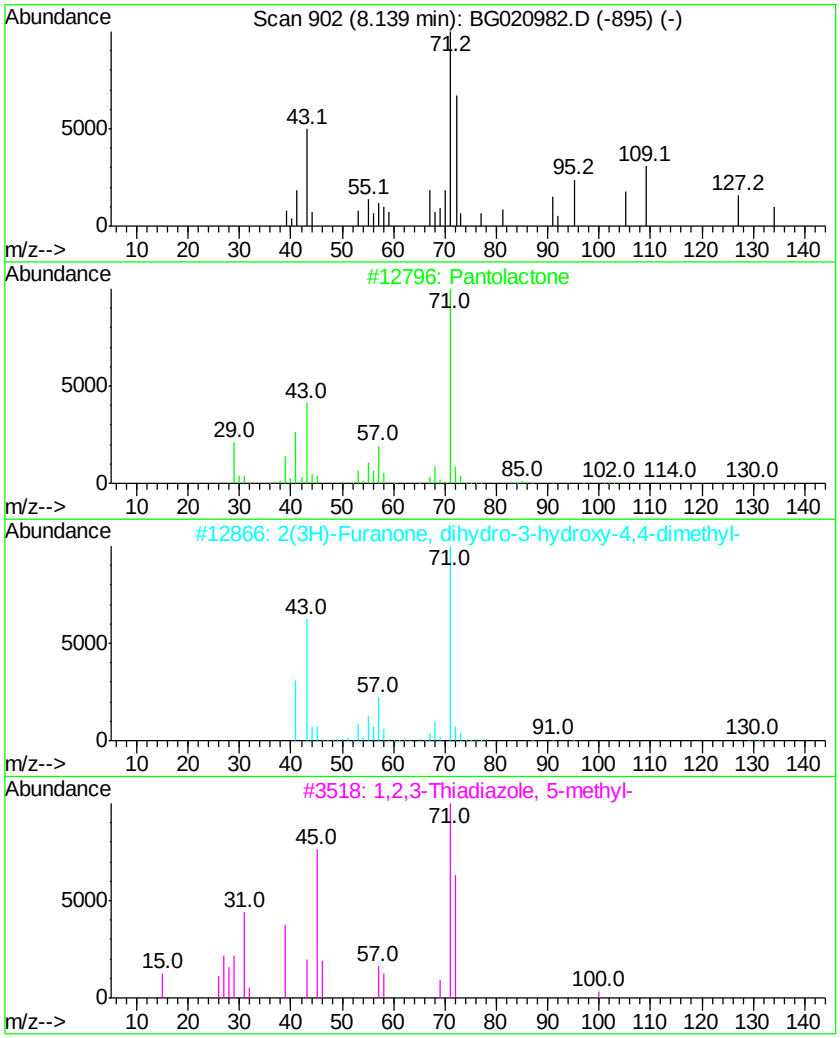
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

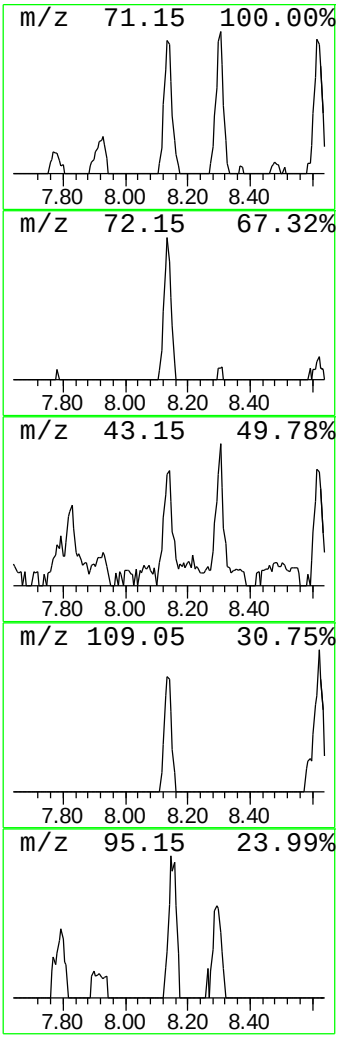
****

Peak Number 6 unknown8.14 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	6.52 ng	33806	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pantolactone	130	C6H10O3	000599-04-2	27
2	2(3H)-Furanone, dihydro-3-hydrox...	130	C6H10O3	052126-90-6	27
3	1,2,3-Thiadiazole, 5-methyl-	100	C3H4N2S	050406-54-7	25
4	Trimethylamine, compd. with bora...	73	C3H12BN	000075-22-9	18
5	2,4-Dimethyl-1-penten-3-ol	114	C7H14O	019781-54-5	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

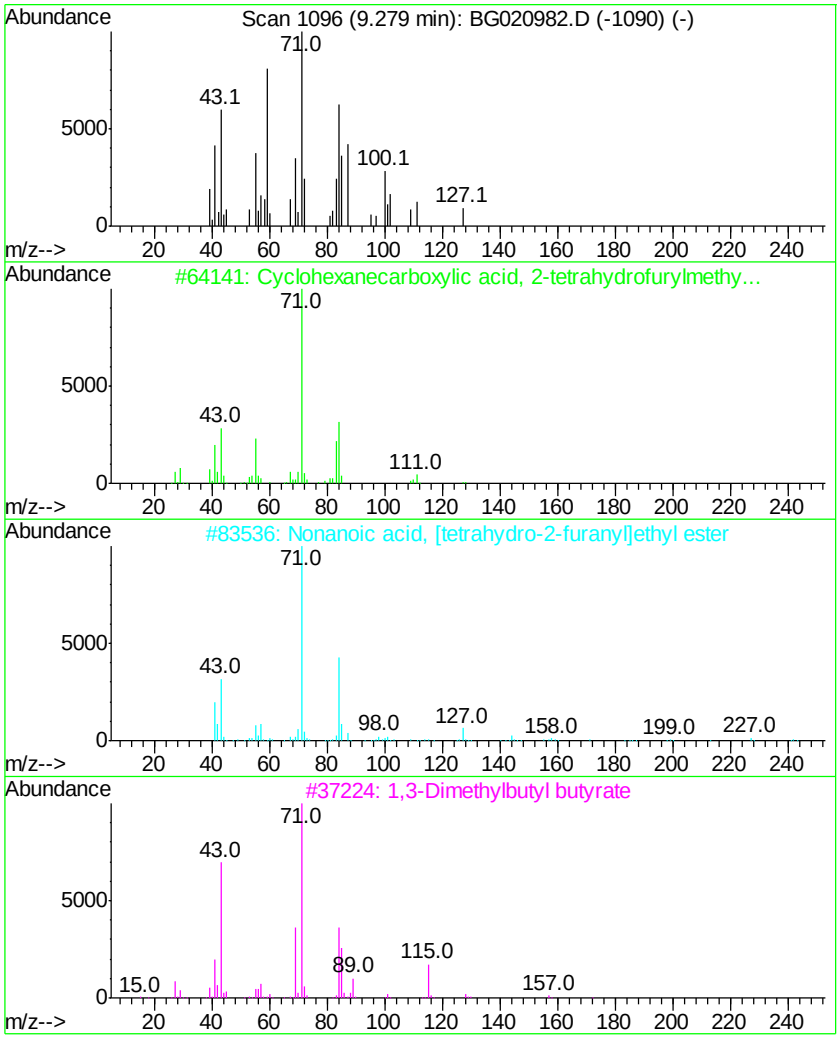
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

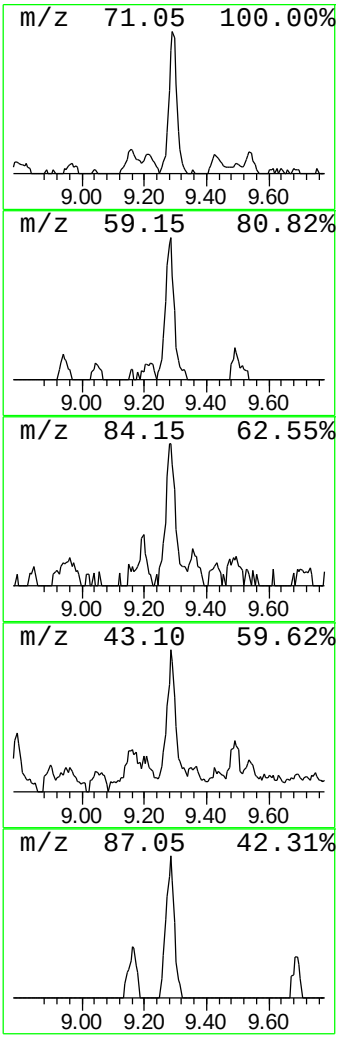
****

Peak Number 9 unknown9.28 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	11.28 ng	58507	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 2-te...	212	C12H20O3	1000279-85-7	38
2	Nonanoic acid, [tetrahydro-2-fur...	242	C14H26O3	1000132-19-0	37
3	1,3-Dimethylbutyl butyrate	172	C10H20O2	005332-88-7	37
4	Trichloroacetic acid, 4-methylpe...	246	C8H13Cl3O2	1000282-35-2	37
5	Ether, 3-butenyl pentyl	142	C9H18O	034061-78-4	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

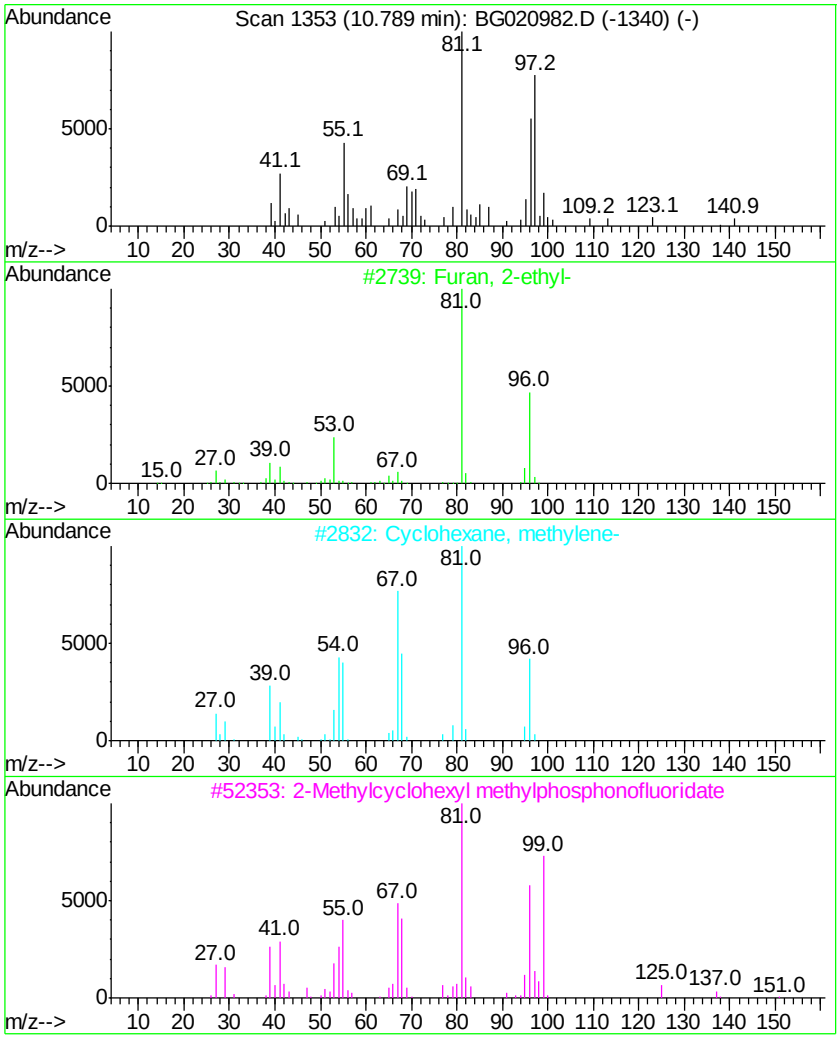
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

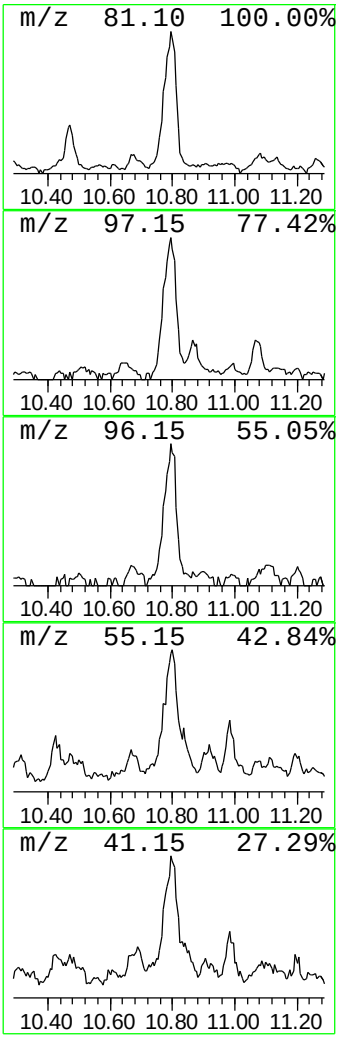
****

Peak Number 10 unknown10.79 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	11.31 ng	143586	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-	96	C6H8O	003208-16-0	43
2	Cyclohexane, methylene-	96	C7H12	001192-37-6	38
3	2-Methylcyclohexyl methylphospho...	194	C8H16FO2P	085473-32-1	37
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	37
5	6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1000193-87-2	37





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

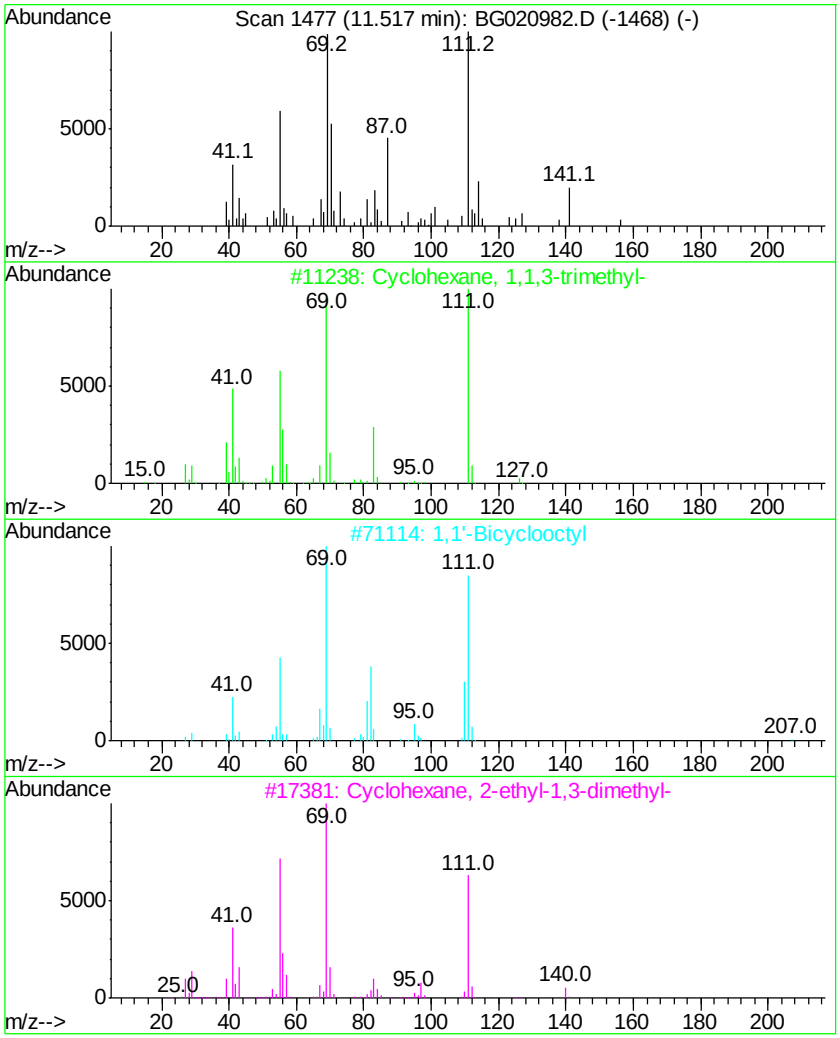
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

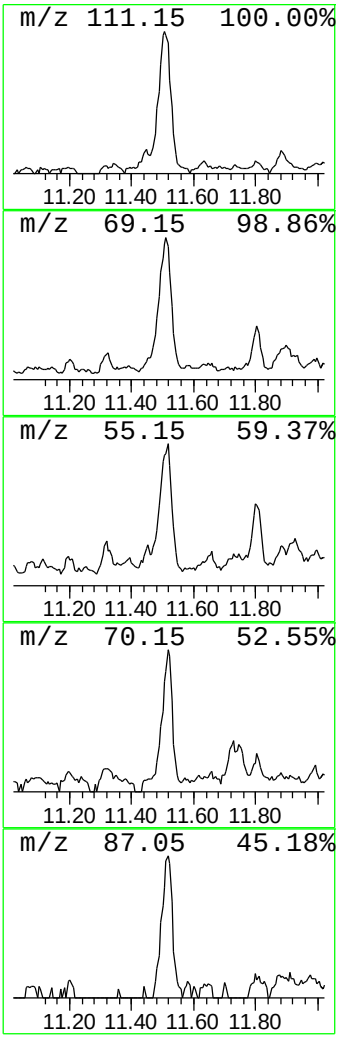
****

Peak Number 11 unknown11.52 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	10.30 ng	130721	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	43
2	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	43
3	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	43
4	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	43
5	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

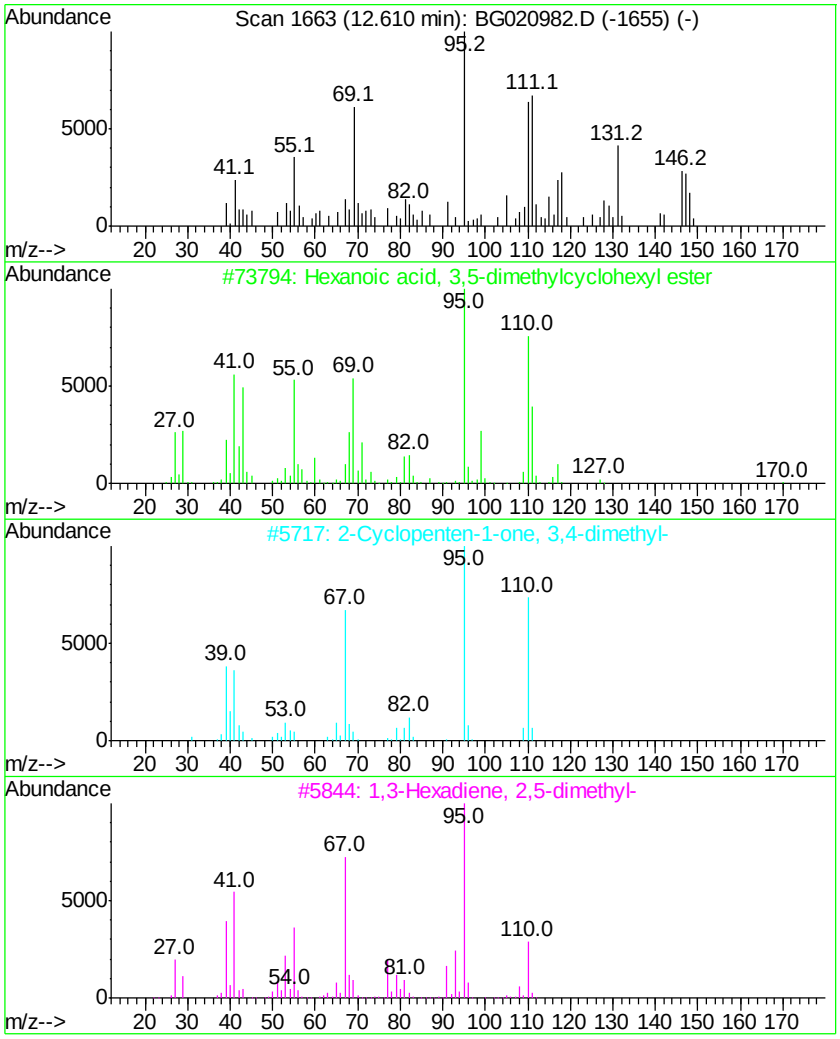
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

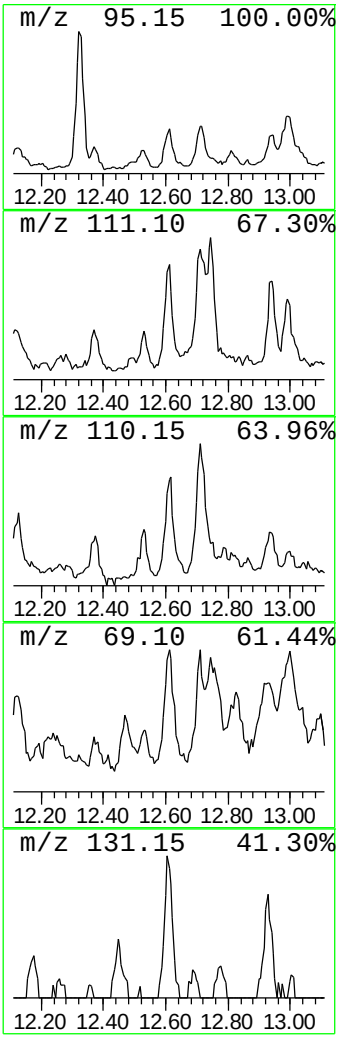
****

Peak Number 12 unknown12.61 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	7.02 ng	89117	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5-dimethylcyclo...	226	C14H26O2	1000279-28-3	35
2	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	30
3	1,3-Hexadiene, 2,5-dimethyl-	110	C8H14	029253-64-3	27
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	27
5	2-Hexanoylfuran	166	C10H14O2	014360-50-0	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

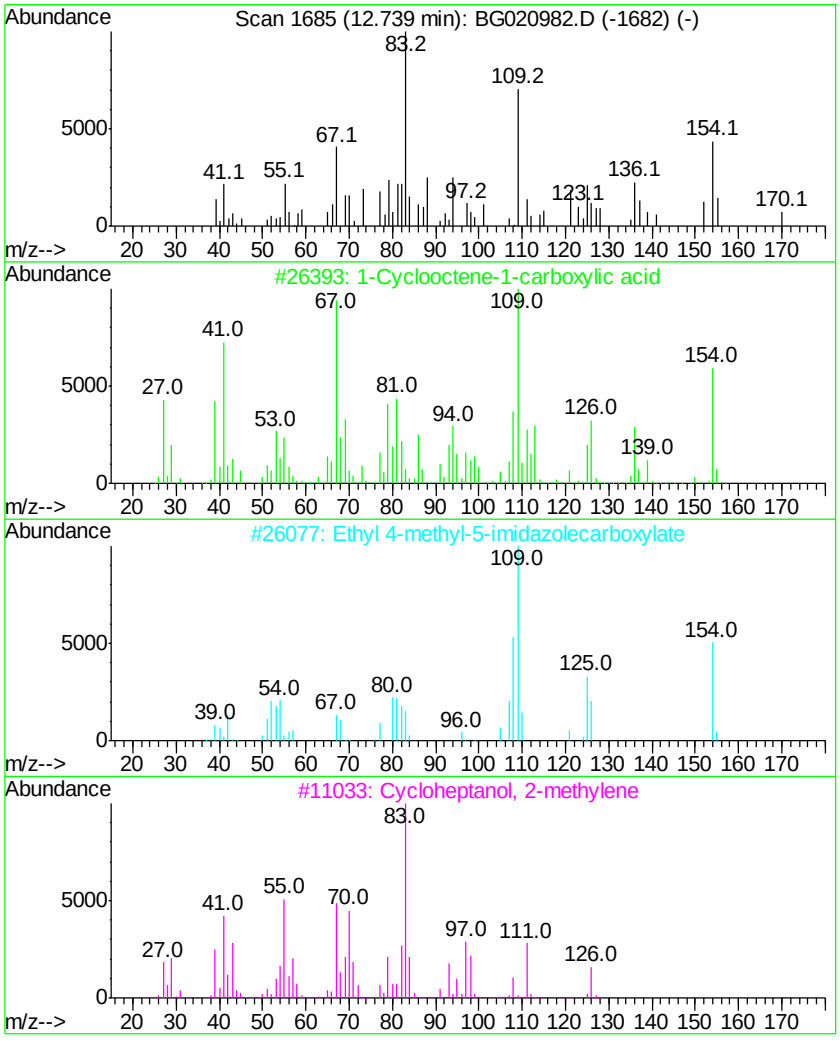
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

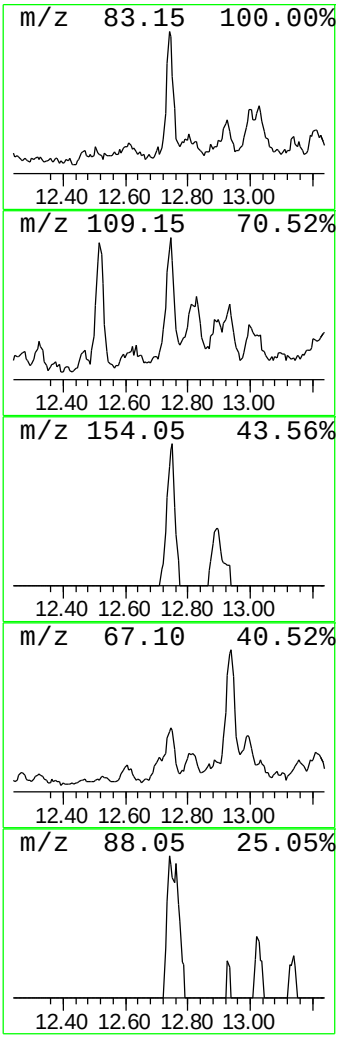
****

Peak Number 13 unknown12.74 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	6.54 ng	83055	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclooctene-1-carboxylic acid	154	C9H14O2	004103-09-7	46
2	Ethyl 4-methyl-5-imidazolecarbox...	154	C7H10N2O2	051605-32-4	27
3	Cycloheptanol, 2-methylene	126	C8H14O	016240-38-3	22
4	3-Heptyne, 5-ethyl-5-methyl-	138	C10H18	061228-10-2	14
5	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	11





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

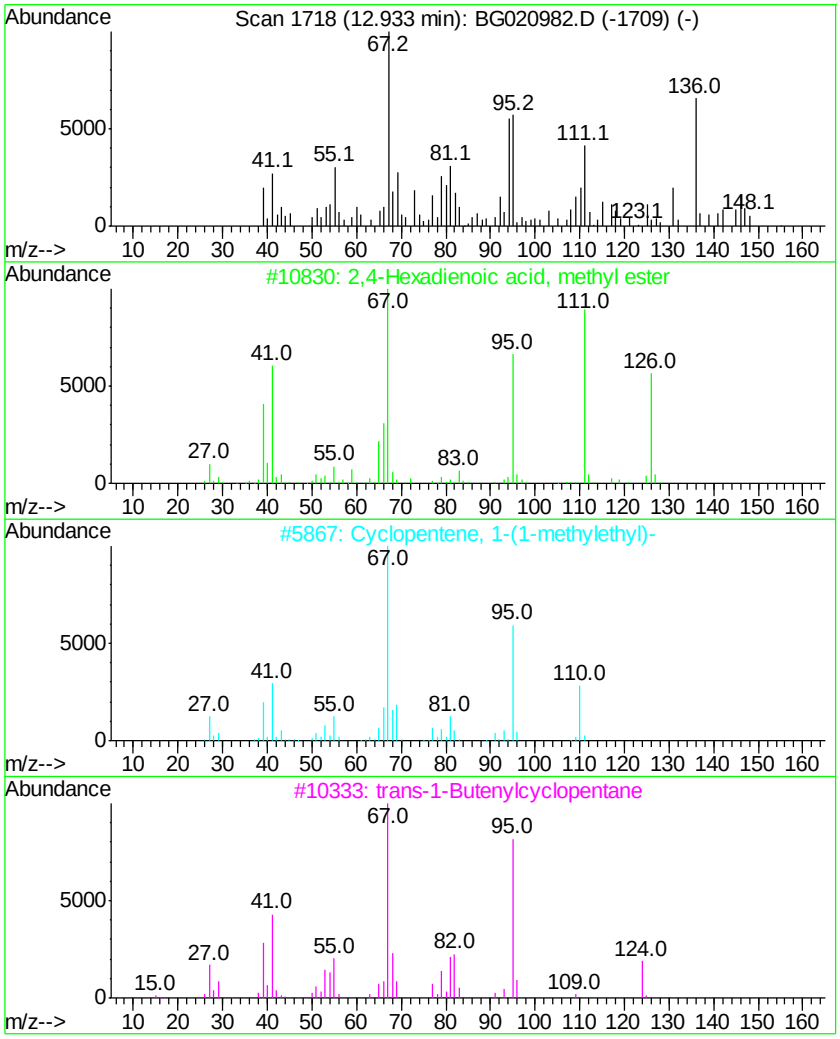
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

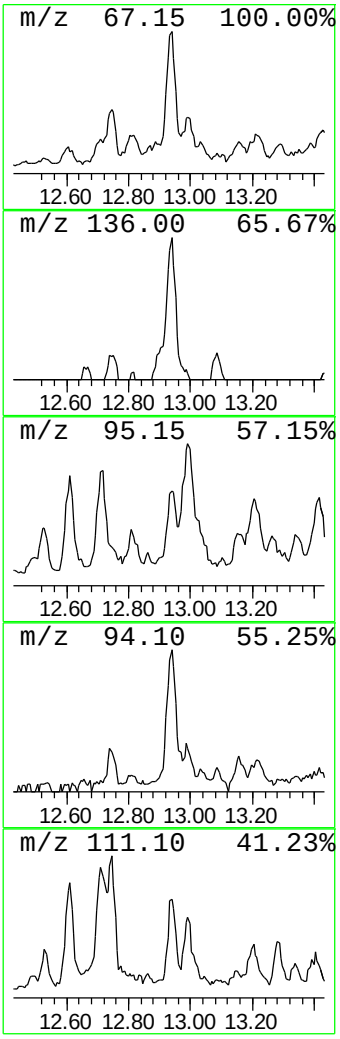
****

Peak Number 14 unknown12.93 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	8.67 ng	110059	Naphthalene-d8	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadienoic acid, methyl ester	126	C7H10O2	001515-80-6	38
2	Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	35
3	trans-1-Butenylcyclopentane	124	C9H16	1000113-50-9	27
4	6-Methyl-3-heptyne	110	C8H14	054050-92-9	22
5	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

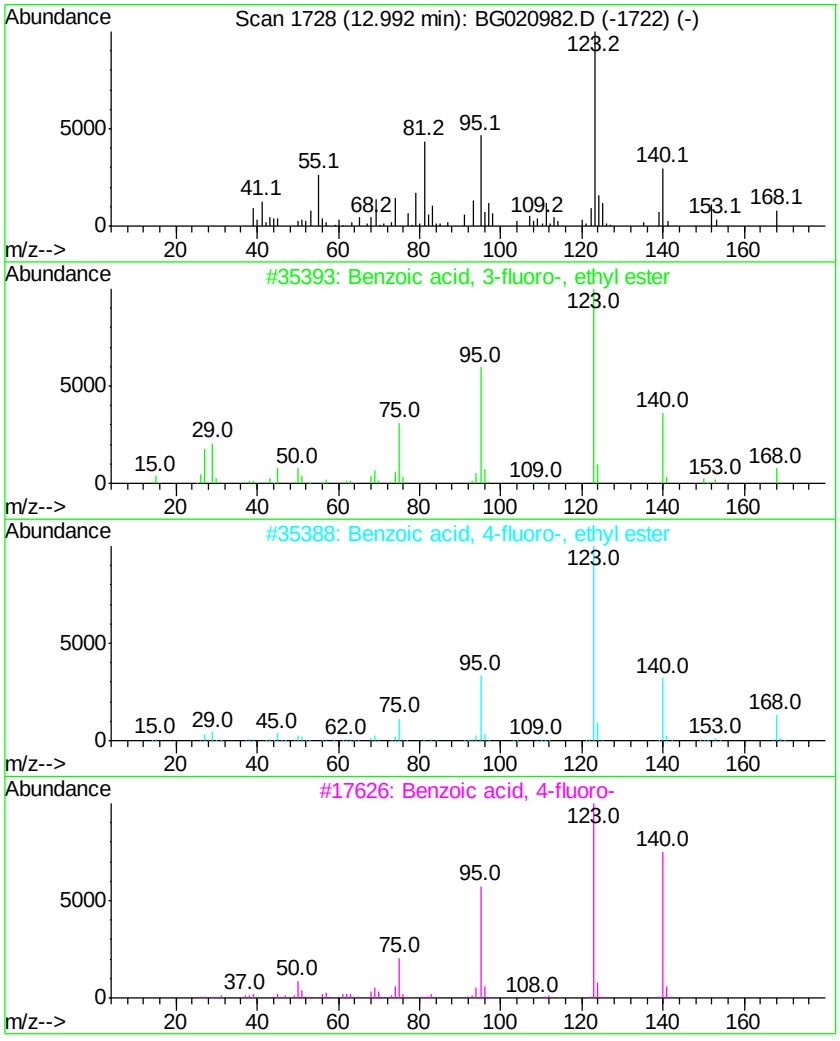
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

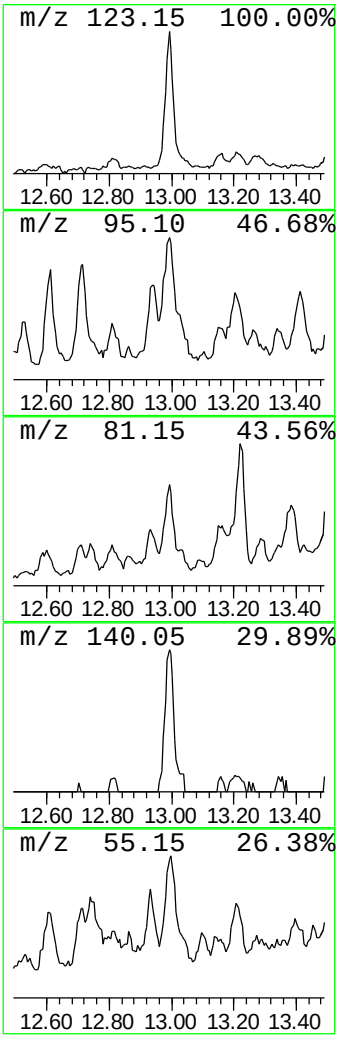
****

Peak Number 15 Benzoic acid, 3-fluoro-, et... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	4.34 ng	84673	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-fluoro-, ethyl e...	168	C9H9FO2	000451-02-5	64
2	Benzoic acid, 4-fluoro-, ethyl e...	168	C9H9FO2	000451-46-7	59
3	Benzoic acid, 4-fluoro-	140	C7H5FO2	000456-22-4	53
4	Benzoic acid, 2-fluoro-	140	C7H5FO2	000445-29-4	53
5	3-Fluoropropiophenone	152	C9H9FO	000455-67-4	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

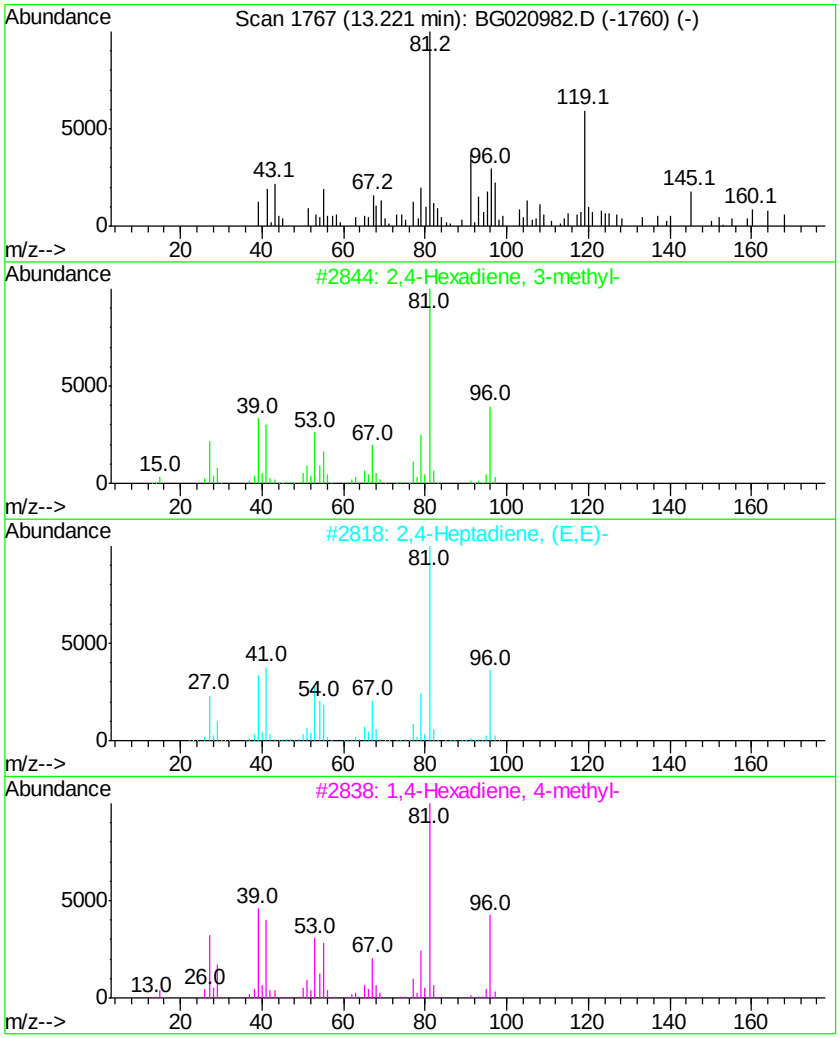
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

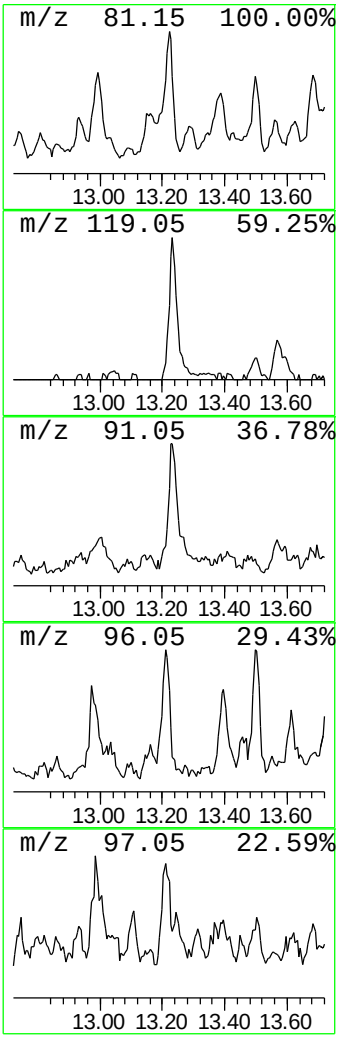
****

Peak Number 16 unknown13.22 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	5.63 ng	109905	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	43
2	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	43
3	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	43
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	43
5	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

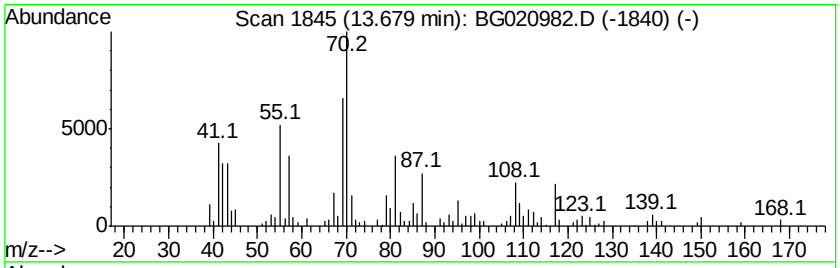
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

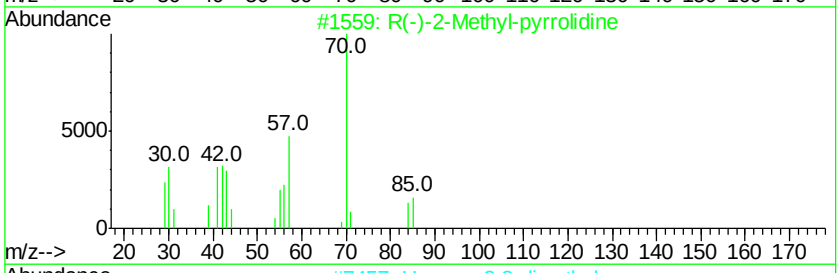
****

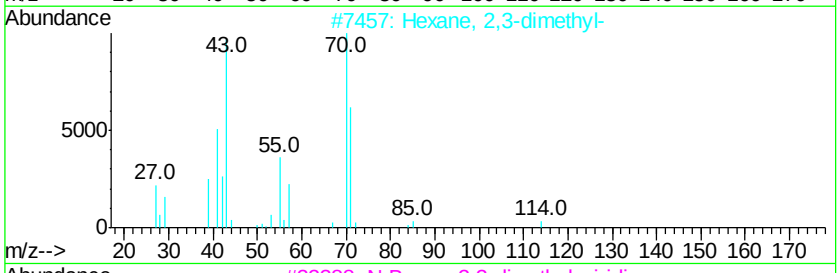
Peak Number 17 unknown13.68 Concentration Rank 15

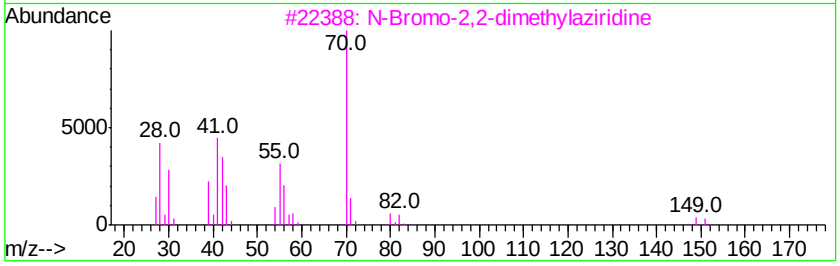
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	5.81 ng	113287	Acenaphthene-d10	14.87

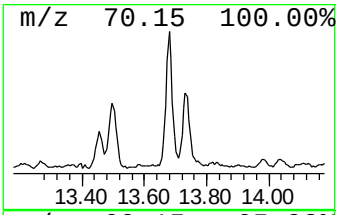
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R(-)-2-Methyl-pyrrolidine	85	C5H11N	1000144-17-1	38
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
3	N-Bromo-2,2-dimethylaziridine	149	C4H8BrN	019816-91-2	38
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	38
5	Oxirane, 2-(1,1-dimethylethyl)-3...	128	C8H16O	036099-44-2	35

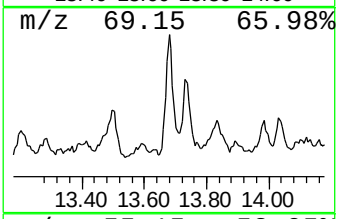


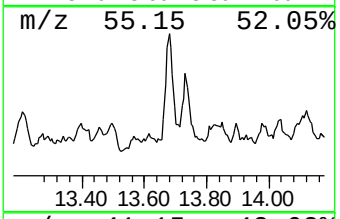


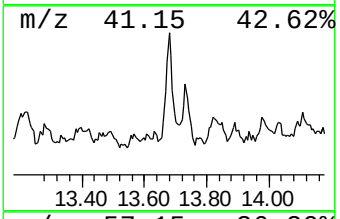


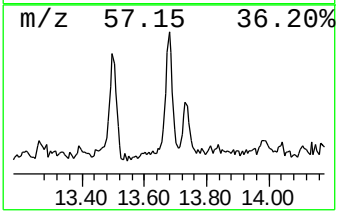












Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

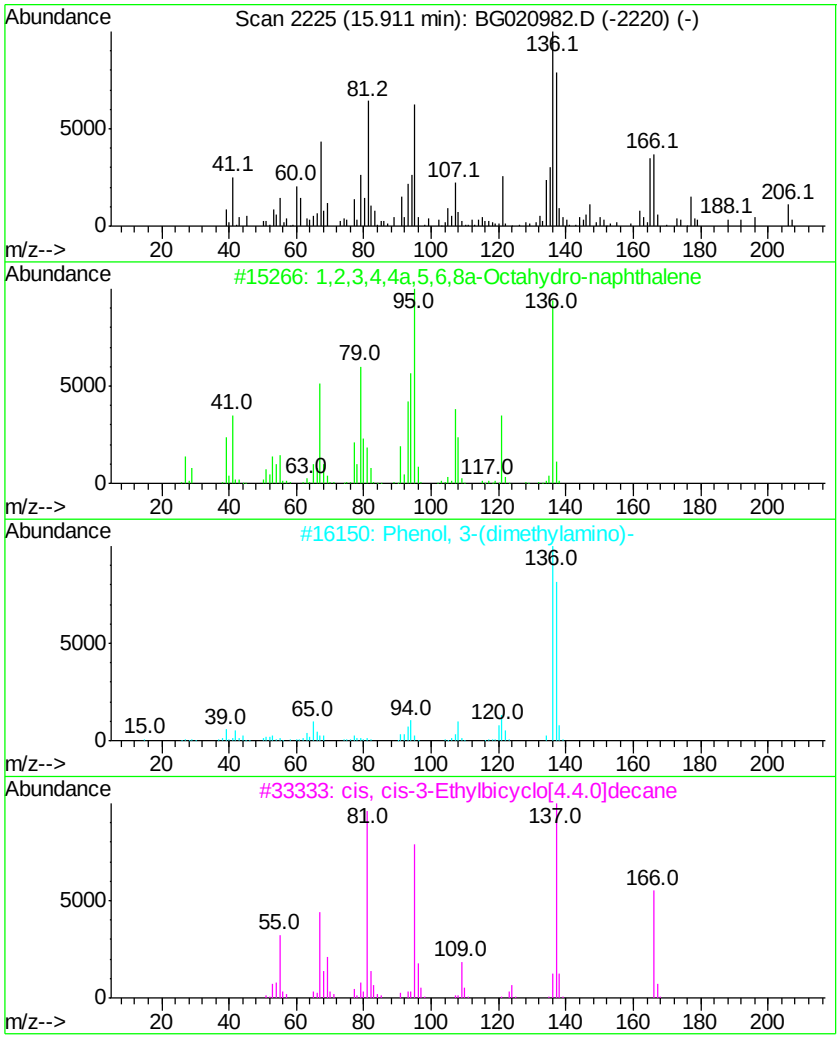
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

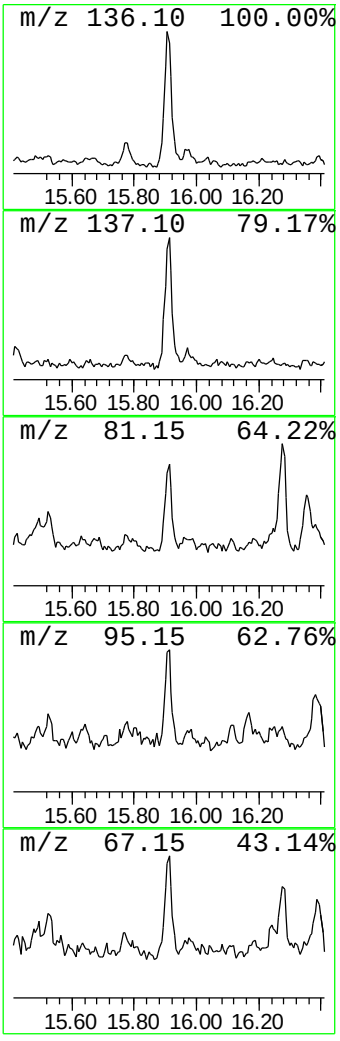
****

Peak Number 18 1,2,3,4,4a,5,6,8a-Octahydro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	4.96 ng	96798	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	64
2	Phenol, 3-(dimethylamino)-	137	C8H11NO	000099-07-0	46
3	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	42
4	Tricyclo[4.4.0.0(2,8)]decane	136	C10H16	049700-59-6	38
5	5-Cyano-1,2,3,4-tetrahydro-6-met...	136	C7H8N2O	027036-90-4	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

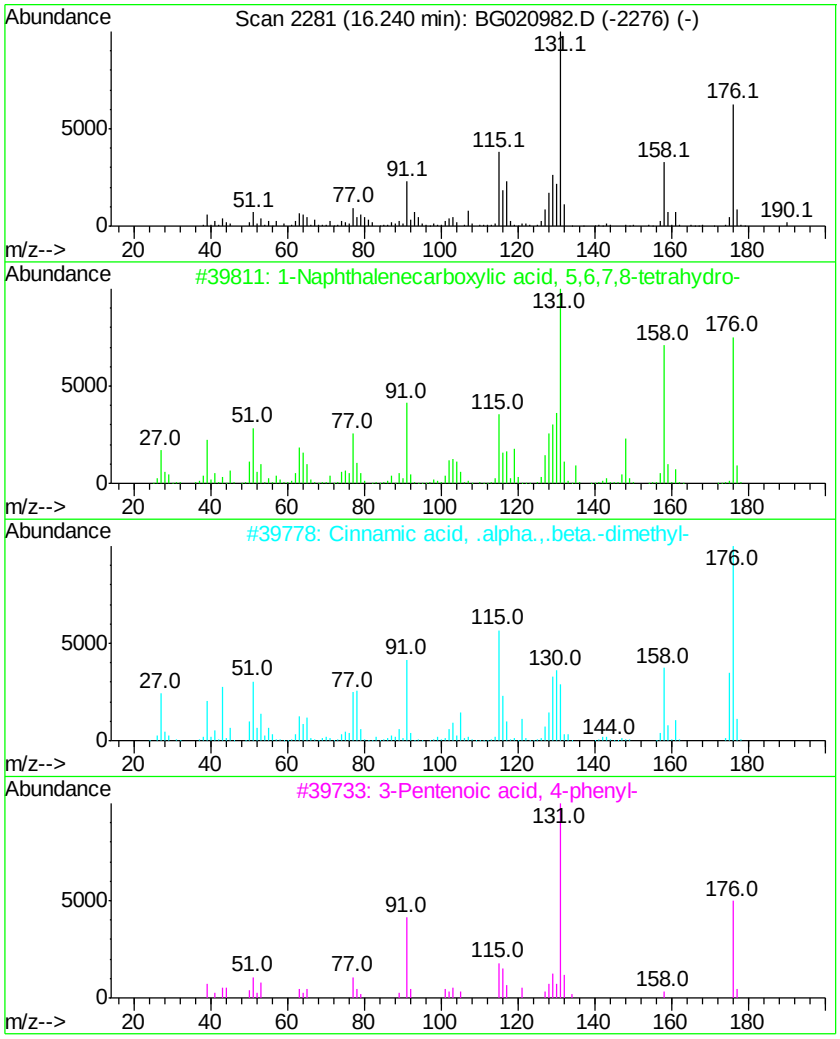
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

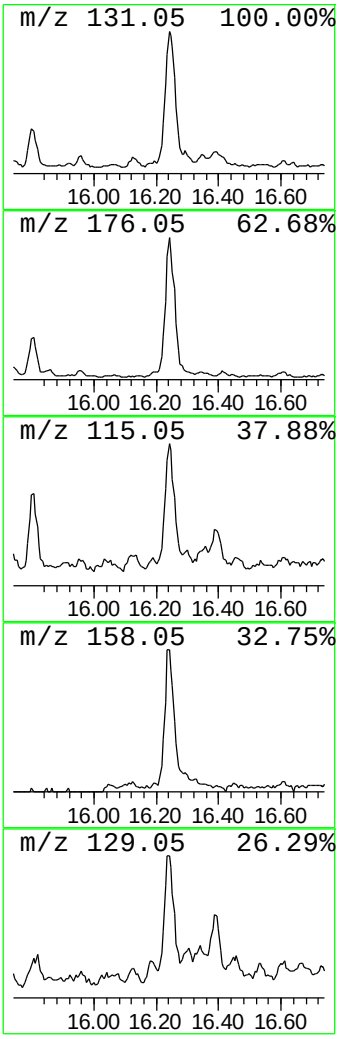
****

Peak Number 19 1-Naphthalenecarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	14.57 ng	227046	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	64
2	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	60
3	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	53
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	47
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

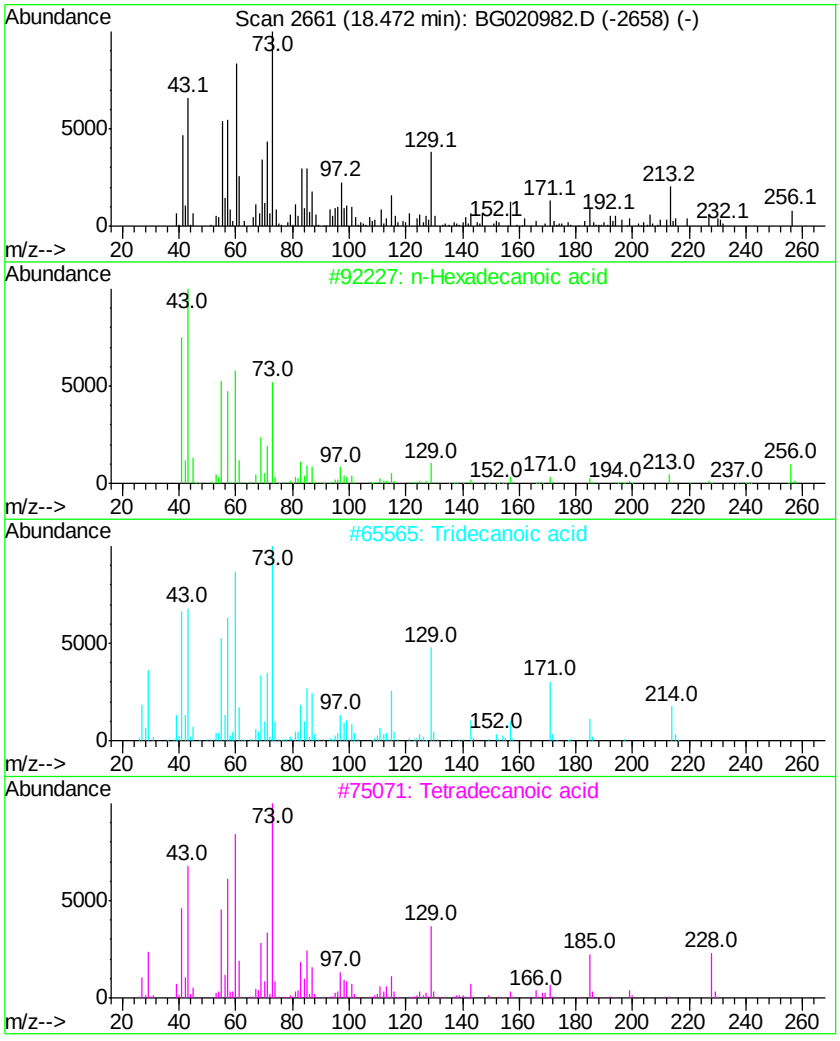
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

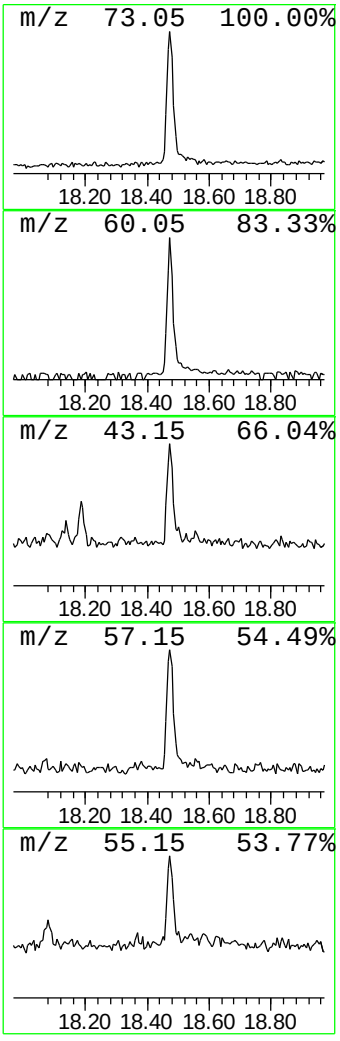
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.39 ng	68336	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	Pentadecane	212	C15H32	000629-62-9	44





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
Data File : BG020982.D
Acq On : 19 Feb 2016 21:34
Operator : SJ/UM
Sample : H1509-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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
Butane, 2-methoxy...	3.32	7.1	ng	36759	1	8.26	103772	20.0
(+-)-4-Amino-4,5-...	5.31	6.3	ng	32571	1	8.26	103772	20.0
2-Furanmethanamin...	7.51	7.3	ng	37608	1	8.26	103772	20.0
unknown7.79	7.79	109.9	ng	570178	1	8.26	103772	20.0
unknown8.14	8.14	6.5	ng	33806	1	8.26	103772	20.0
unknown9.28	9.28	11.3	ng	58507	1	8.26	103772	20.0
unknown10.79	10.79	11.3	ng	143586	2	11.08	253838	20.0
unknown11.52	11.52	10.3	ng	130721	2	11.08	253838	20.0
unknown12.61	12.61	7.0	ng	89117	2	11.08	253838	20.0
unknown12.74	12.74	6.5	ng	83055	2	11.08	253838	20.0
unknown12.93	12.93	8.7	ng	110059	2	11.08	253838	20.0
Benzoic acid, 3-f...	12.99	4.3	ng	84673	3	14.87	390217	20.0
unknown13.22	13.22	5.6	ng	109905	3	14.87	390217	20.0
unknown13.68	13.68	5.8	ng	113287	3	14.87	390217	20.0
1,2,3,4,4a,5,6,8a...	15.91	5.0	ng	96798	3	14.87	390217	20.0
1-Naphthalenecarb...	16.24	14.6	ng	227046	4	17.61	311585	20.0
n-Hexadecanoic acid	18.47	4.4	ng	68336	4	17.61	311585	20.0