LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020878.D
Acq On : 12 Feb 2016 5:15
Operator : SJ/UM
Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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	3.250	64	70	79	rBV	42345	74093	6.06%	0.816%
2	3.326	79	83	91	rVB	20478	28340	2.32%	0.312%
3	5.324	418	423	433	rVB	17602	26382	2.16%	0.291%
4	5.799	496	504	510	rBV	135163	211899	17.33%	2.334%
5	7.409	771	778	791	rVB	95023	170616	13.95%	1.880%
6	7.797	836	844	852	rBV	283524	484855	39.65%	5.342%
7	8.267	913	924	930	rVB	64105	110037	9.00%	1.212%
8	8.596	969	980	993	rBV	249926	430503	35.20%	4.743%
9	9.442	1117	1124	1132	rVV	209876	384651	31.45%	4.238%
10	9.536	1136	1140	1146	rVB6	7000	12987	1.06%	0.143%
11	10.270	1260	1265	1278	rVB10	9760	27445	2.24%	0.302%
12	10.481	1296	1301	1310	rVB3	16052	31001	2.54%	0.342%
13	10.669	1330	1333	1344	rVB8	5851	14992	1.23%	0.165%
14	10.787	1346	1353	1357	rBV5	10062	24859	2.03%	0.274%
15	11.092	1393	1405	1412	rBV	121132	239016	19.55%	2.633%
16	11.198	1418	1423	1432	rVB7	13024	25265	2.07%	0.278%
17	11.498	1471	1474	1481	rVB7	12817	25374	2.07%	0.280%
18	11.668	1499	1503	1510	rBV5	7629	14119	1.15%	0.156%
19	11.780	1514	1522	1525	rBV8	5622	12882	1.05%	0.142%
20	11.985	1552	1557	1564	rVB8	9950	20329	1.66%	0.224%
21	12.126	1577	1581	1586	rVB8	8503	16962	1.39%	0.187%
22	12.197	1587	1593	1600	rBV9	9543	24994	2.04%	0.275%
23	12.267	1600	1605	1612	rVB6	9559	16806	1.37%	0.185%
24	12.338	1612	1617	1619	rBV2	7167	12689	1.04%	0.140%
25	12.479	1635	1641	1646	rBV7	6312	13196	1.08%	0.145%
26	12.614	1660	1664	1670	rVB7	11168	19101	1.56%	0.210%
27	12.672	1670	1674	1677	rBV3	12642	20795	1.70%	0.229%
28	12.878	1703	1709	1715	rBV7	21937	45511	3.72%	0.501%
29	12.937	1716	1719	1723	rVV3	15597	28443	2.33%	0.313%
30	12.972	1723	1725	1731	rVB7	14315	20863	1.71%	0.230%
31	13.107	1743	1748	1750	rBV5	8596	14089	1.15%	0.155%
32	13.201	1759	1764	1765	rBV5	8793	13036	1.07%	0.144%
33	13.272	1773	1776	1781	rVB6	9046	14621	1.20%	0.161%
34	13.336	1782	1787	1789	rBV6	7361	13220	1.08%	0.146%

LSC Area Percent Report

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Acq On : 12 Feb 2016 5:15
Operator : SJ/UM
Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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	13.372	1790	1793	1797	rVV4	12513	19661	1.61%	0.217%
36	13.512	1810	1817	1822	rBV	739452	1108935	90.68%	12.217%
37	13.560	1822	1825	1832	rVB3	36242	57260	4.68%	0.631%
38	13.982	1892	1897	1901	rBV7	11843	23952	1.96%	0.264%
39	14.206	1931	1935	1941	rVB4	34172	57965	4.74%	0.639%
40	14.323	1950	1955	1963	rVB	78148	117315	9.59%	1.292%
41	14.494	1982	1984	1994	rVB8	19330	36401	2.98%	0.401%
42	14.676	2012	2015	2024	rVB10	13622	27248	2.23%	0.300%
43	14.817	2035	2039	2043	rBV	15800	21313	1.74%	0.235%
44	14.881	2044	2050	2056	rVB2	184570	304161	24.87%	3.351%
45	15.351	2126	2130	2139	rVB4	13664	25090	2.05%	0.276%
46	15.451	2139	2147	2150	rBV	40323	81656	6.68%	0.900%
47	15.698	2185	2189	2192	rBV2	21575	29229	2.39%	0.322%
48	16.238	2276	2281	2288	rBV2	33367	70610	5.77%	0.778%
49	16.362	2296	2302	2314	rVB2	485588	743670	60.81%	8.193%
50	16.555	2332	2335	2342	rVB	25191	32758	2.68%	0.361%
51	17.348	2466	2470	2474	rBV2	22585	29853	2.44%	0.329%
52	17.395	2476	2478	2485	rVB5	17963	26970	2.21%	0.297%
53	17.619	2511	2516	2524	rVB	203364	304481	24.90%	3.354%
54	18.377	2640	2645	2650	rBV	125033	223650	18.29%	2.464%
55	18.424	2650	2653	2659	rVV	70756	117289	9.59%	1.292%
56	18.488	2660	2664	2672	rVB2	79290	114276	9.34%	1.259%
57	20.015	2918	2924	2935	rVB	692031	889248	72.72%	9.797%
58	20.203	2950	2956	2961	rBV	935521	1222892	100.00%	13.472%
59	21.508	3174	3178	3184	rBV4	25089	39672	3.24%	0.437%
60	21.901	3239	3245	3255	rVB	205362	350720	28.68%	3.864%
61	23.652	3538	3543	3550	rVB2	17347	32587	2.66%	0.359%
62	25.279	3811	3820	3832	rVB2	109299	324172	26.51%	3.571%

Sum of corrected areas: 9077005

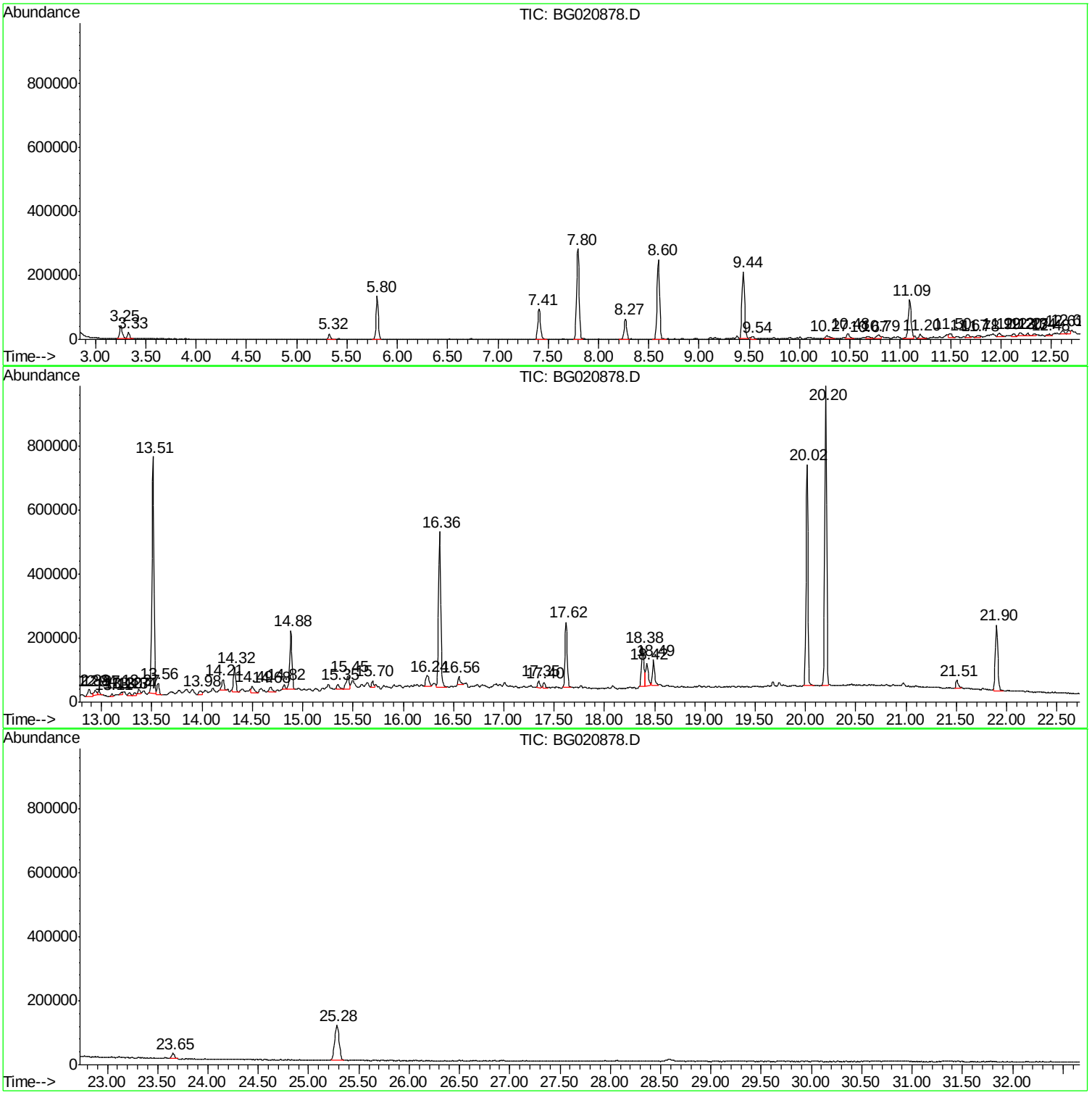
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020878.D
Acq On : 12 Feb 2016 5:15
Operator : SJ/UM
Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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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Data File : BG020878.D
Acq On : 12 Feb 2016 5:15
Operator : SJ/UM
Sample : H1420-04
Misc :
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Instrument : BNA_G
ClientSampleId : DBMW-5

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

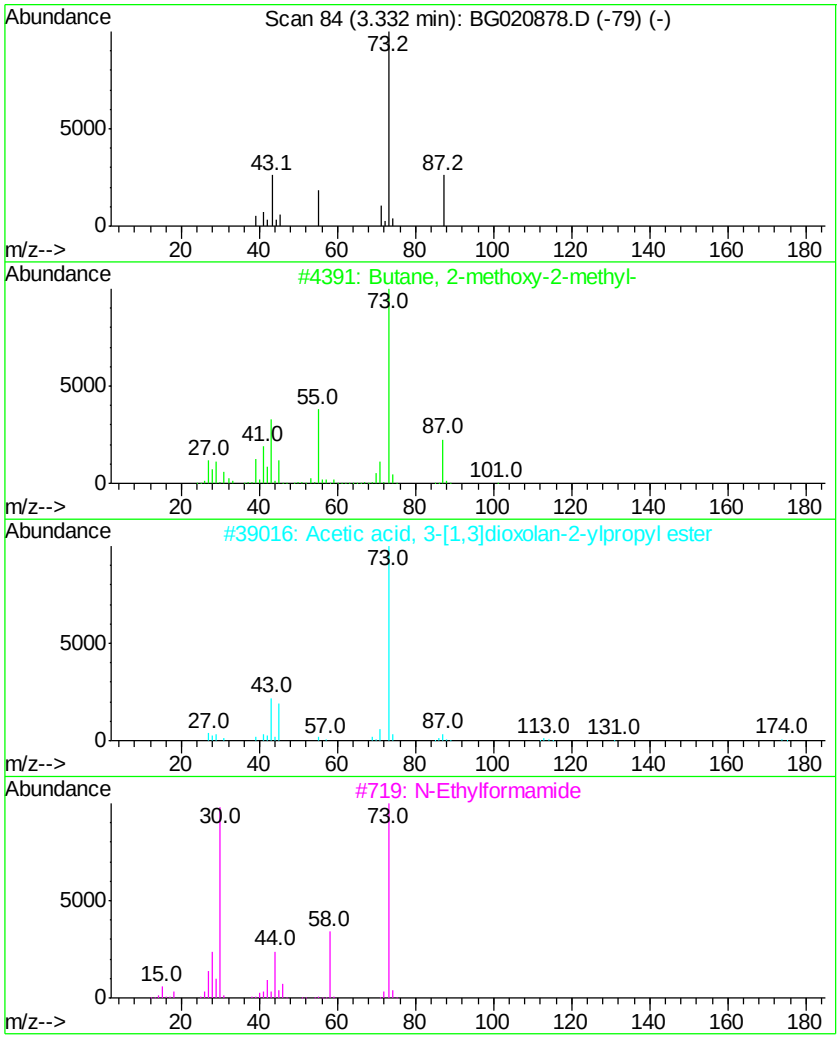
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

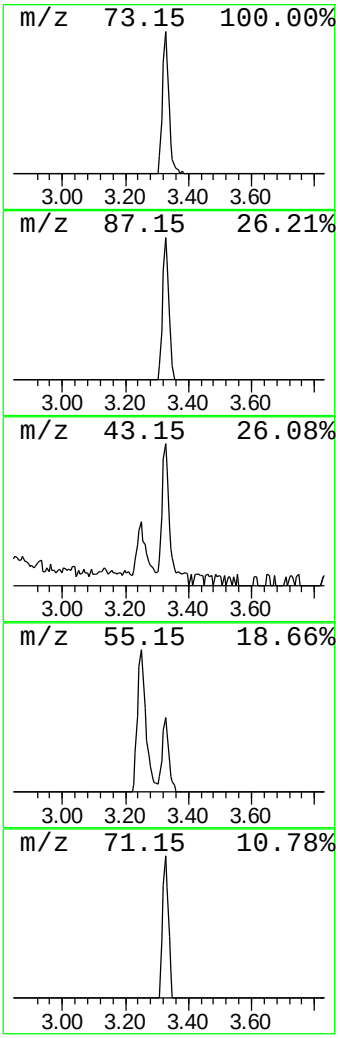
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	5.15 ng	28340	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	7
4	1,3-Dioxolane	74	C3H6O2	000646-06-0	4
5	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	4





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020878.D
Acq On : 12 Feb 2016 5:15
Operator : SJ/UM
Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

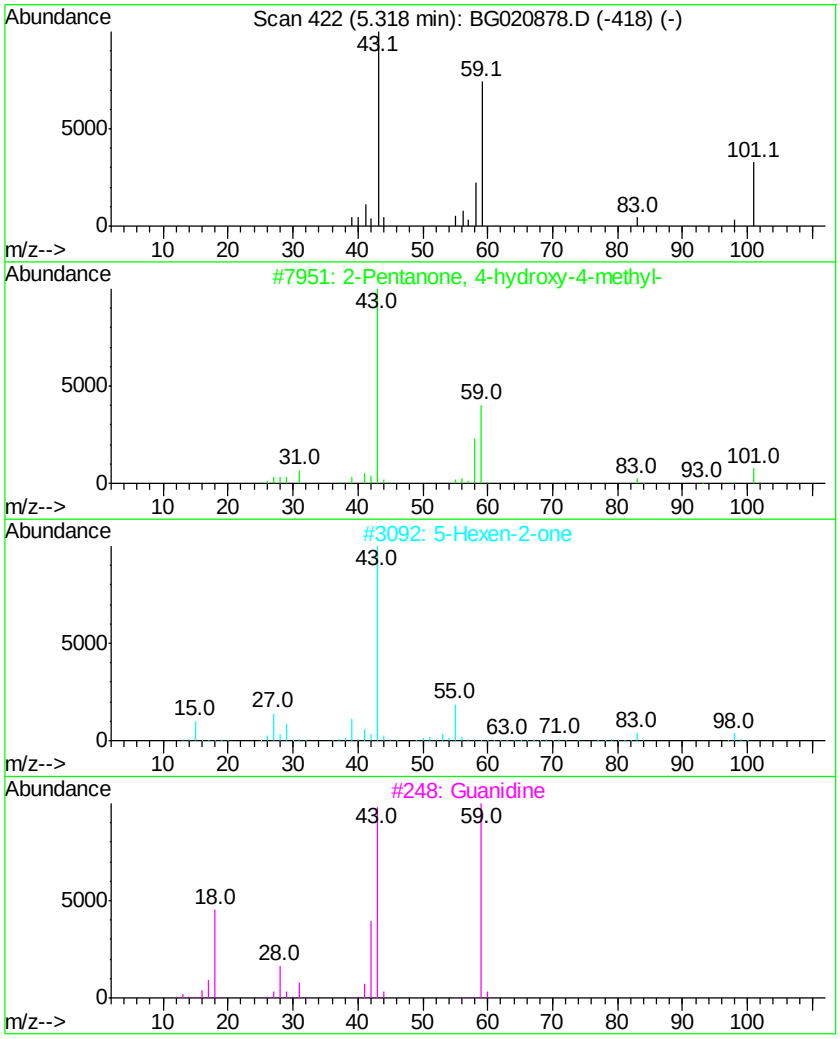
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

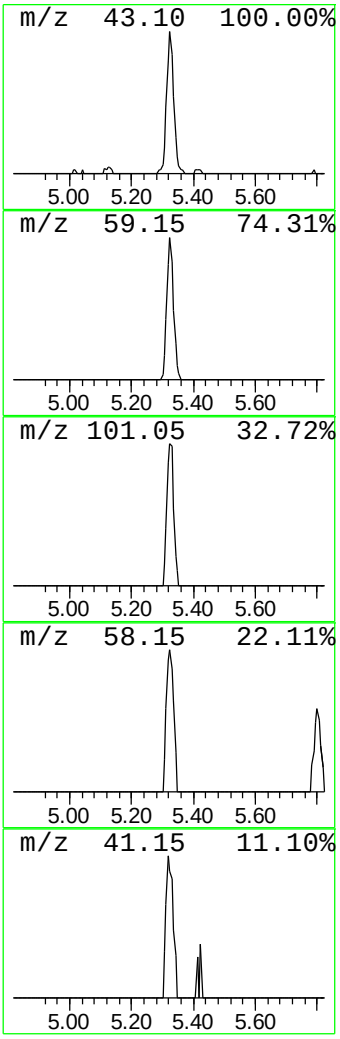
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	4.80 ng	26382	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	Guanidine	59	CH5N3	000113-00-8	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020878.D
Acq On : 12 Feb 2016 5:15
Operator : SJ/UM
Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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

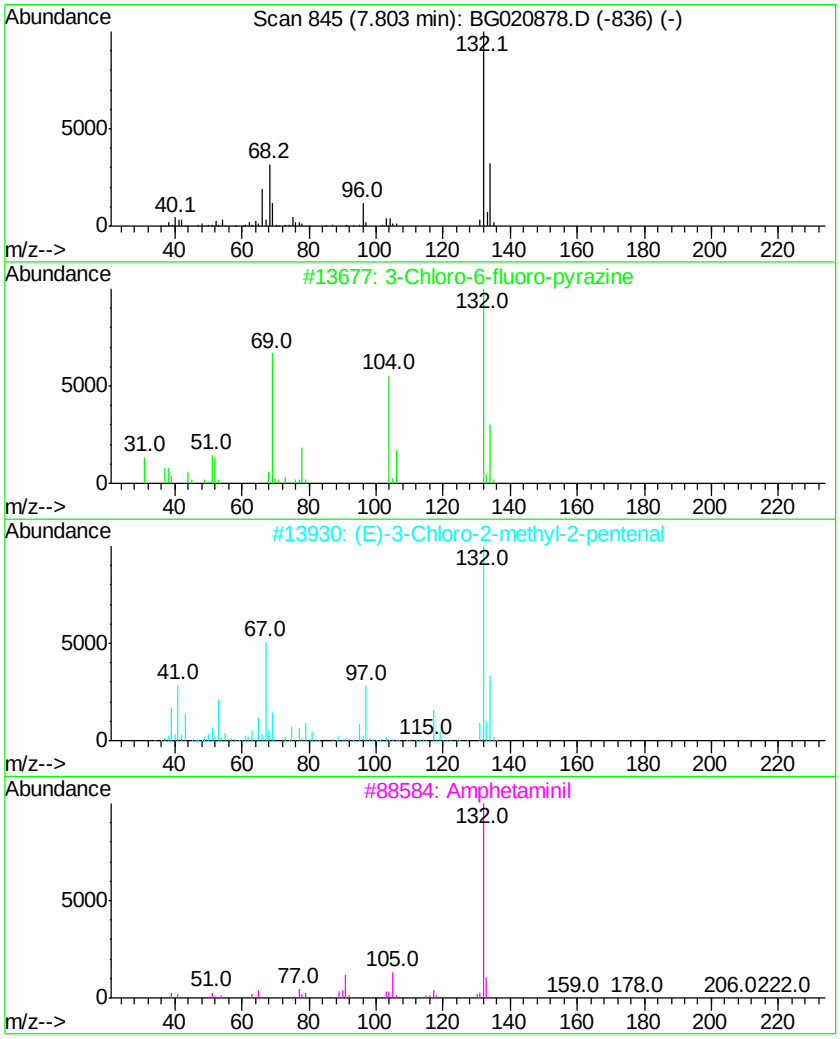
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

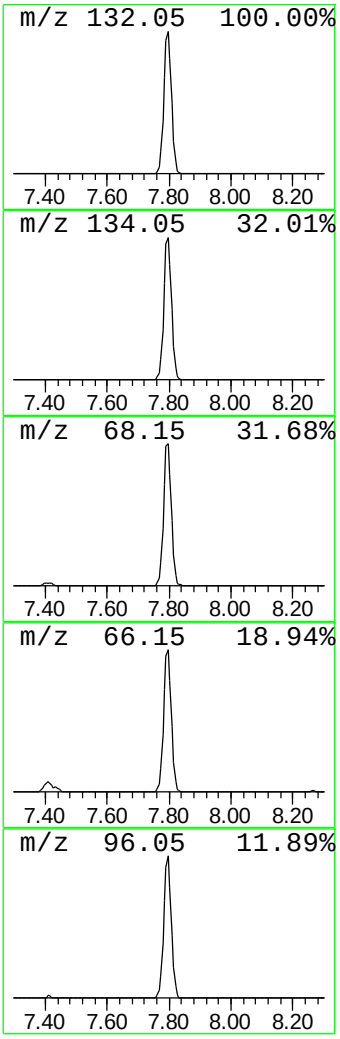
****

Peak Number 4 unknown7.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	88.13 ng	484855	1,4-Dichlorobenzene-d4	8.27

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	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020878.D
Acq On : 12 Feb 2016 5:15
Operator : SJ/UM
Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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

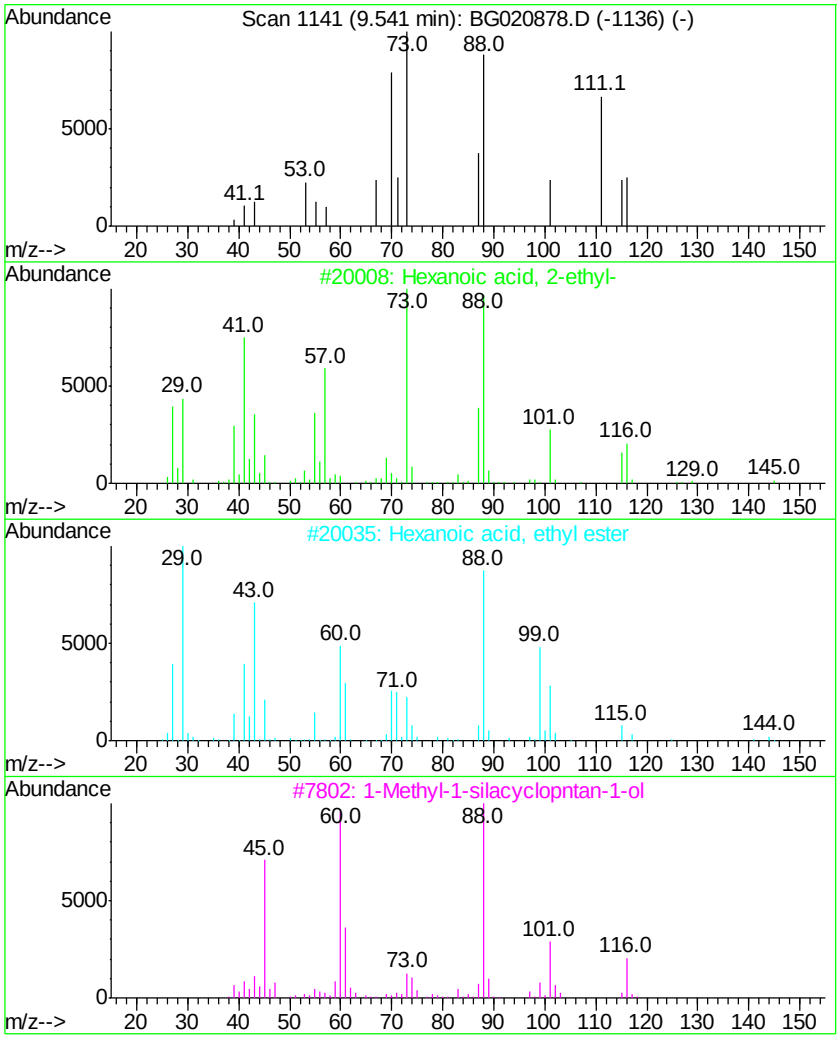
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

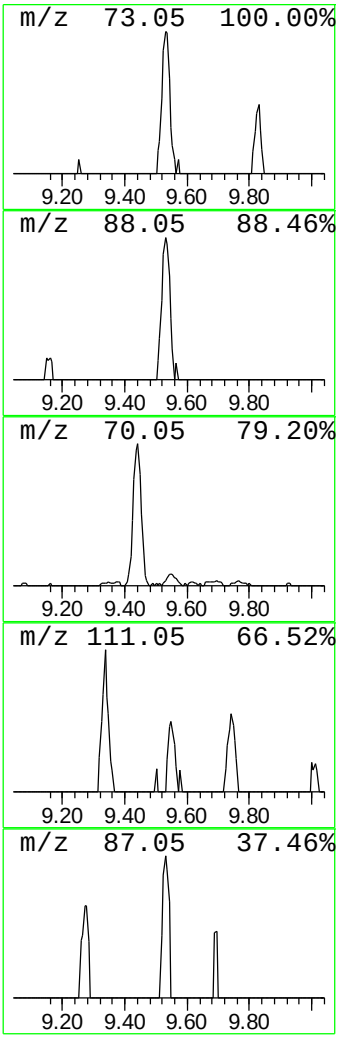
****

Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	2.36 ng	12987	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
2	Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	28
3	1-Methyl-1-silacyclopntan-1-ol	116	C5H12OSi	1000216-84-4	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
5	Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	9





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Data File : BG020878.D
Acq On : 12 Feb 2016 5:15
Operator : SJ/UM
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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

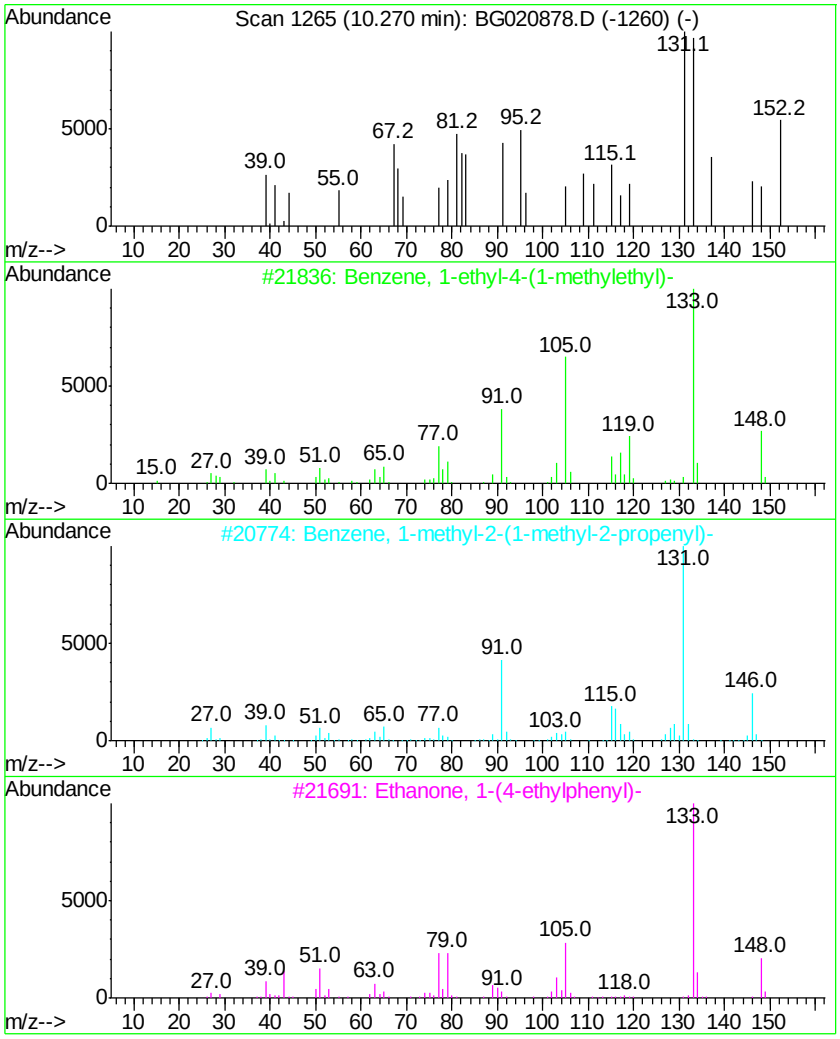
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

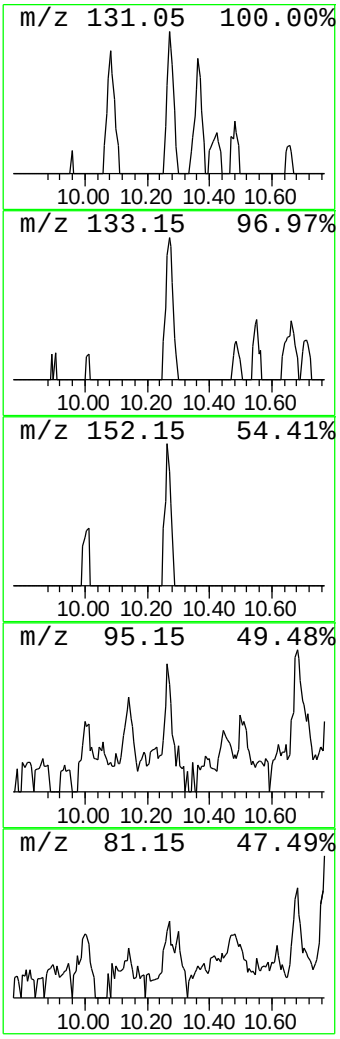
****

Peak Number 7 unknown10.27 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	2.30 ng	27445	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	18
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	10
3	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	10
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	9
5	1H-Indol-5-ol	133	C8H7NO	001953-54-4	9





Library Search Compound Report

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Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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

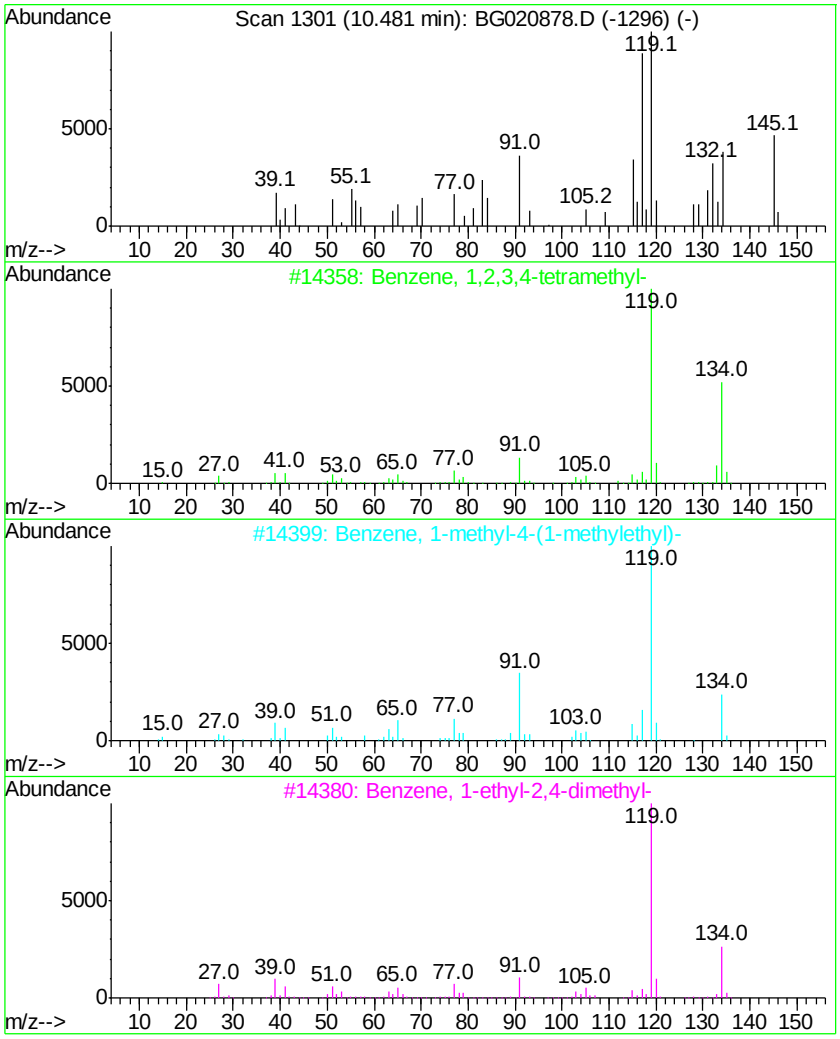
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

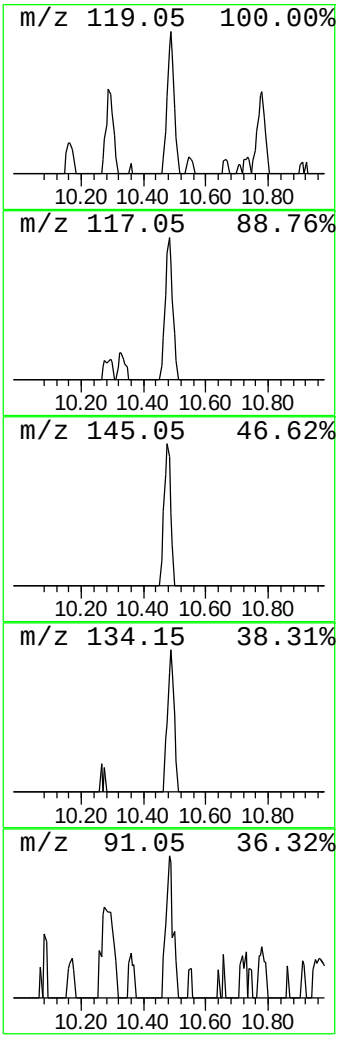
****

Peak Number 8 unknown10.48 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	2.59 ng	31001	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	38
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	38
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020878.D
Acq On : 12 Feb 2016 5:15
Operator : SJ/UM
Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

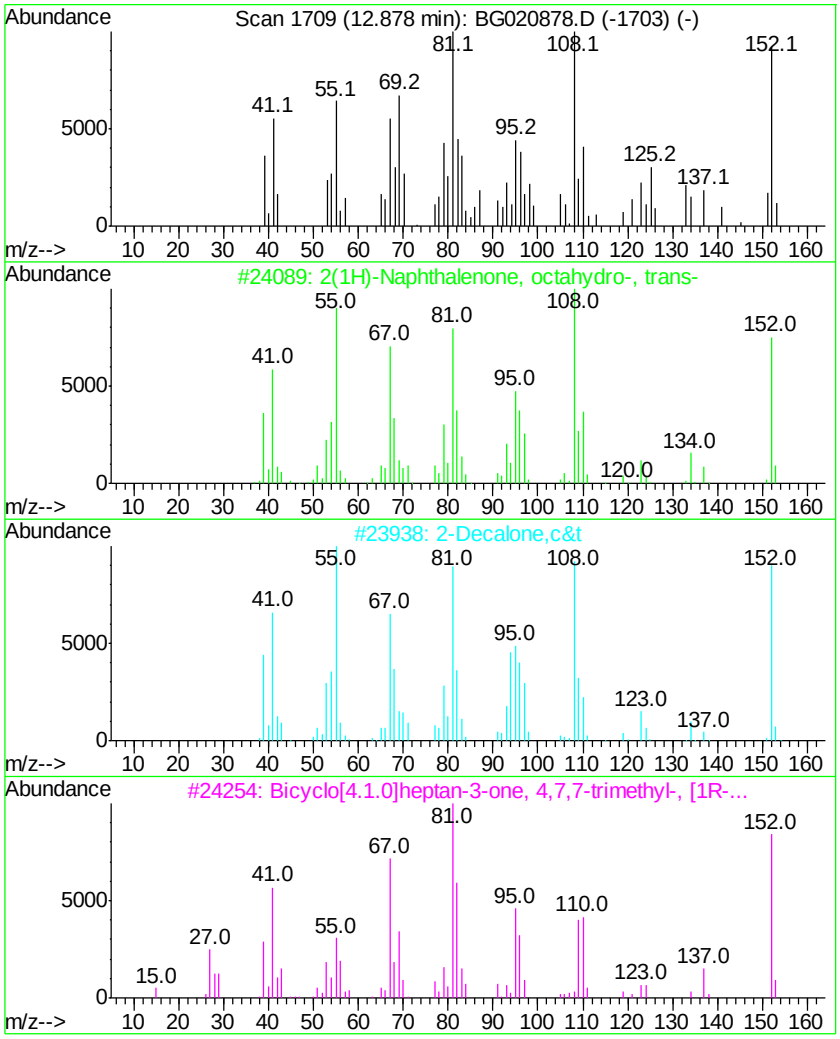
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

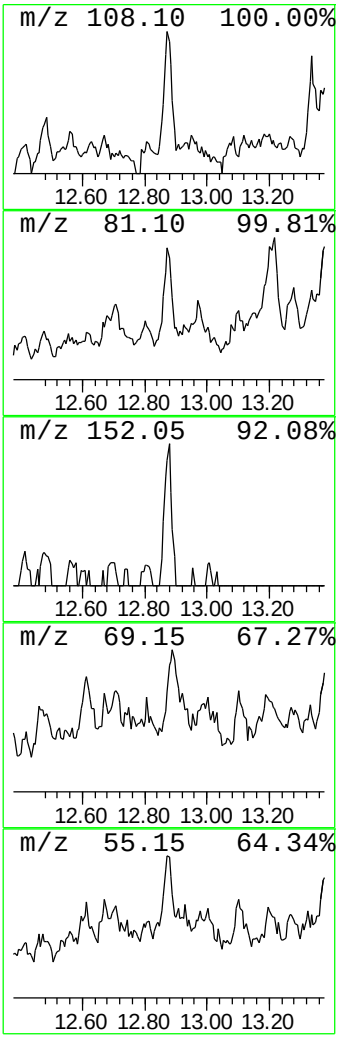
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2(1H)-Naphthalenone, octahy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	3.81 ng	45511	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	92
2	2-Decalone,c&t	152	C10H16O	004832-17-1	72
3	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	58
4	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	53
5	Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	46





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Operator : SJ/UM
Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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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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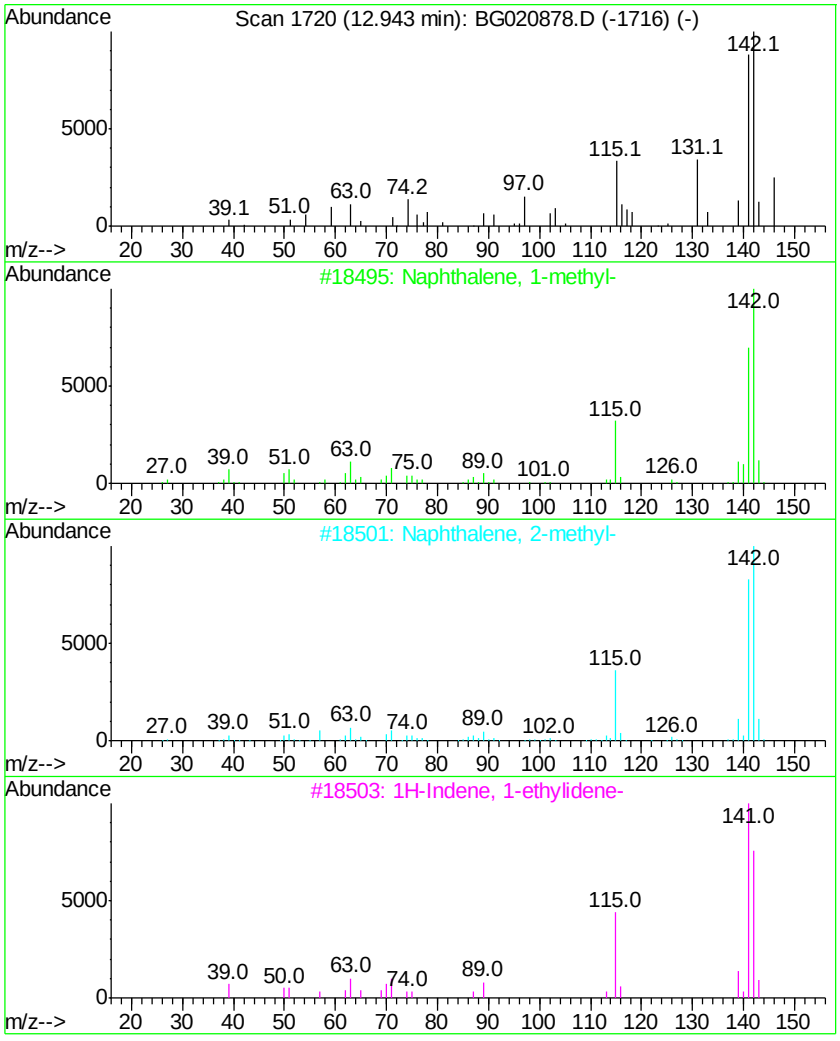
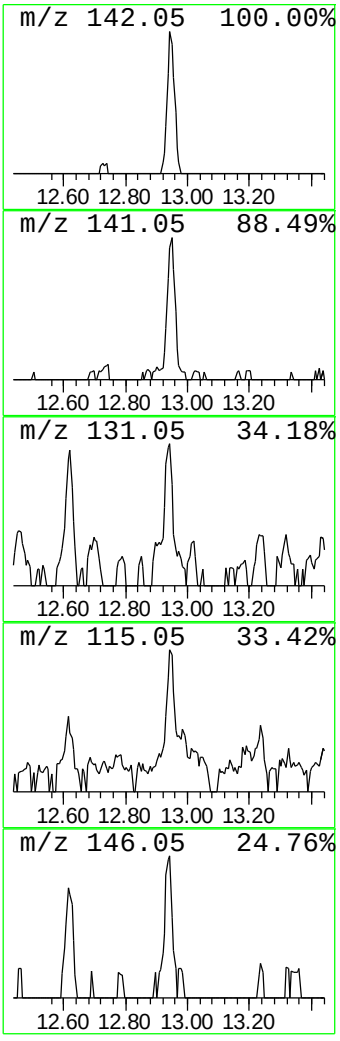
Peak Number 10 unknown12.94 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	2.38 ng	28443	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	49
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	47
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	47
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	47
5	Benzocycloheptatriene	142	C11H10	000264-09-5	43





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Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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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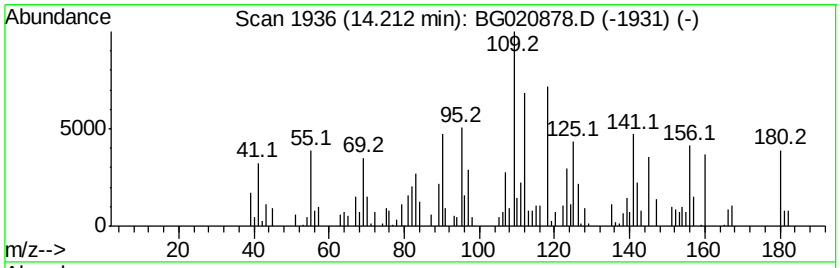
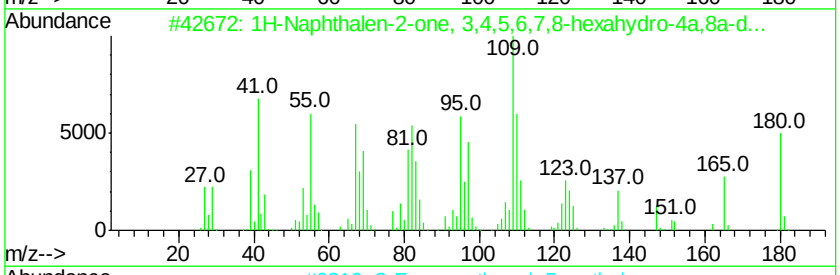
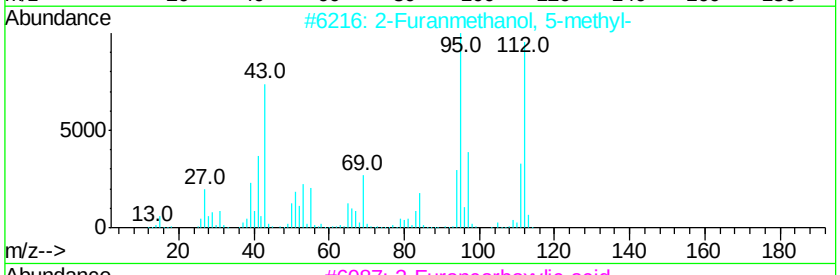
Peak Number 11 unknown14.21 Concentration Rank 12

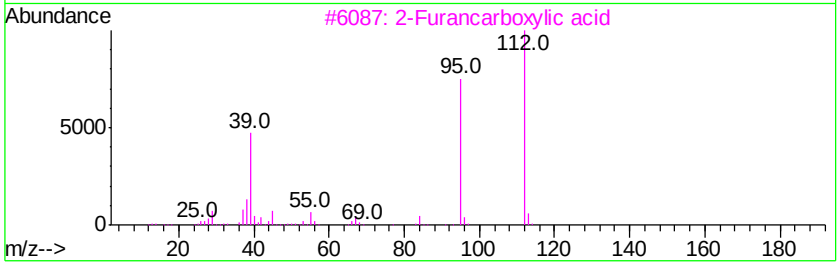
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	3.81 ng	57965	Acenaphthene-d10	14.88

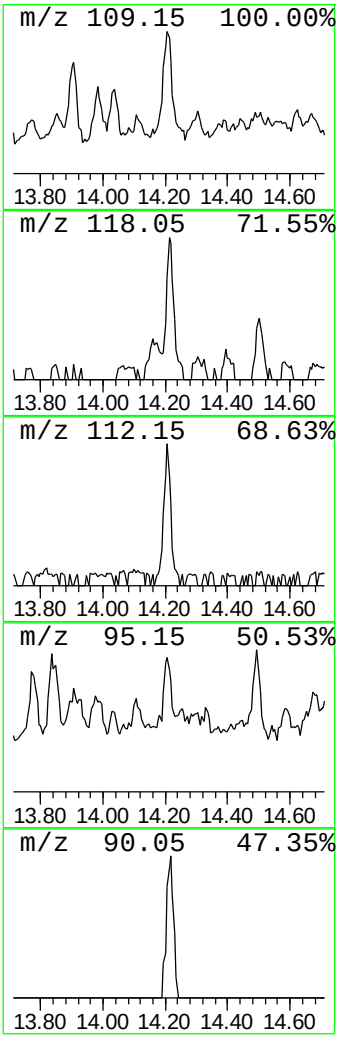
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Naphthalen-2-one, 3,4,5,6,7,8...	180	C12H20O	1000164-27-1	25
2	2-Furanmethanol, 5-methyl-	112	C6H8O2	003857-25-8	14
3	2-Furancarboxylic acid	112	C5H4O3	000088-14-2	14
4	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	11
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	11











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Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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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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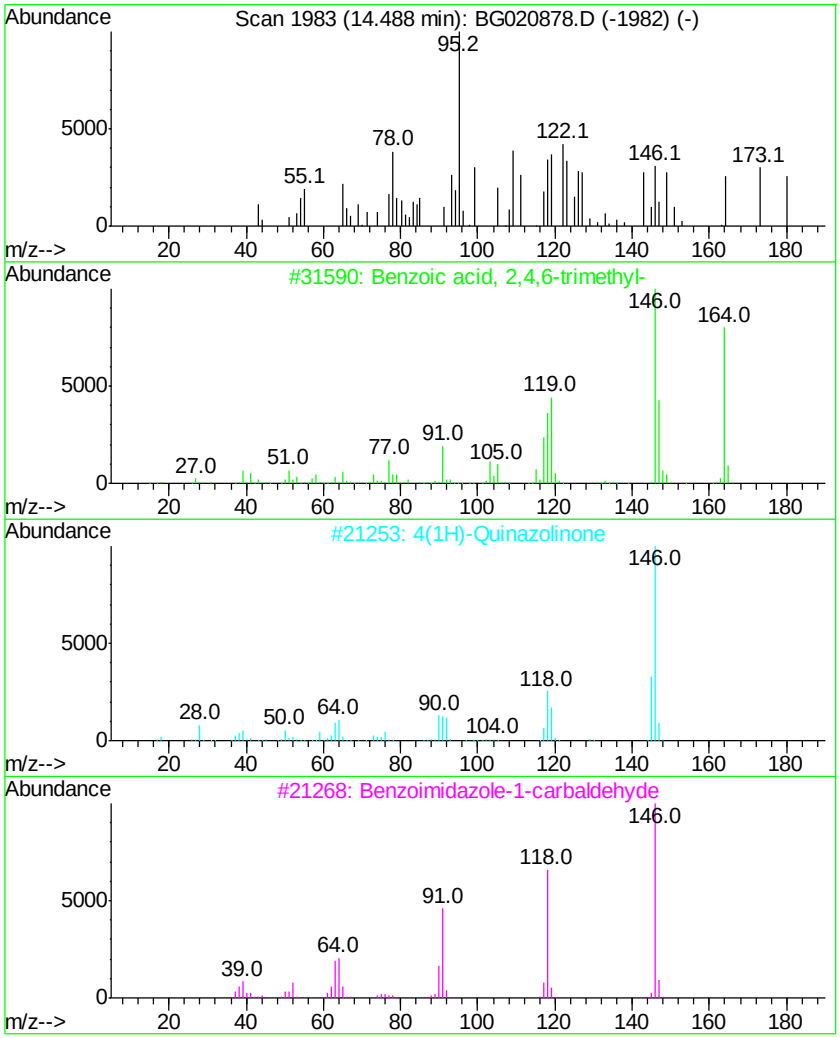
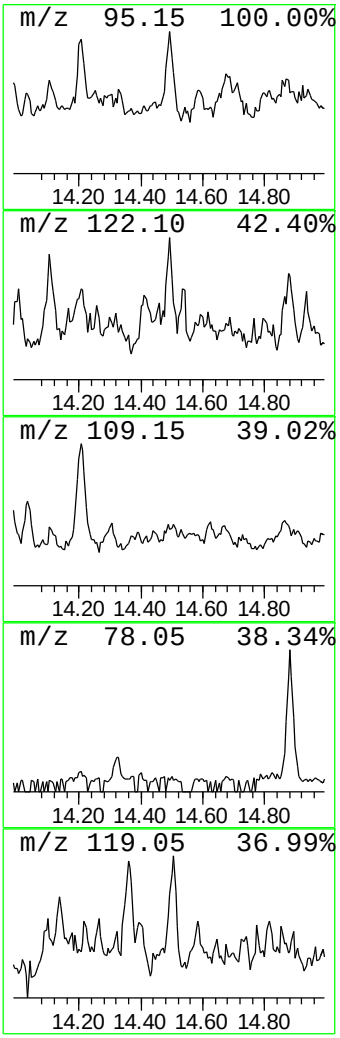
Peak Number 12 unknown14.49 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.39 ng	36401	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	22
2	4(1H)-Quinazolinone	146	C8H6N2O	000491-36-1	18
3	Benzoimidazole-1-carbaldehyde	146	C8H6N2O	1000294-58-3	11
4	Pteridine, 2-methyl-	146	C7H6N4	002432-20-4	11
5	2,3-Cyclopentenopyridine	119	C8H9N	000533-37-9	10





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Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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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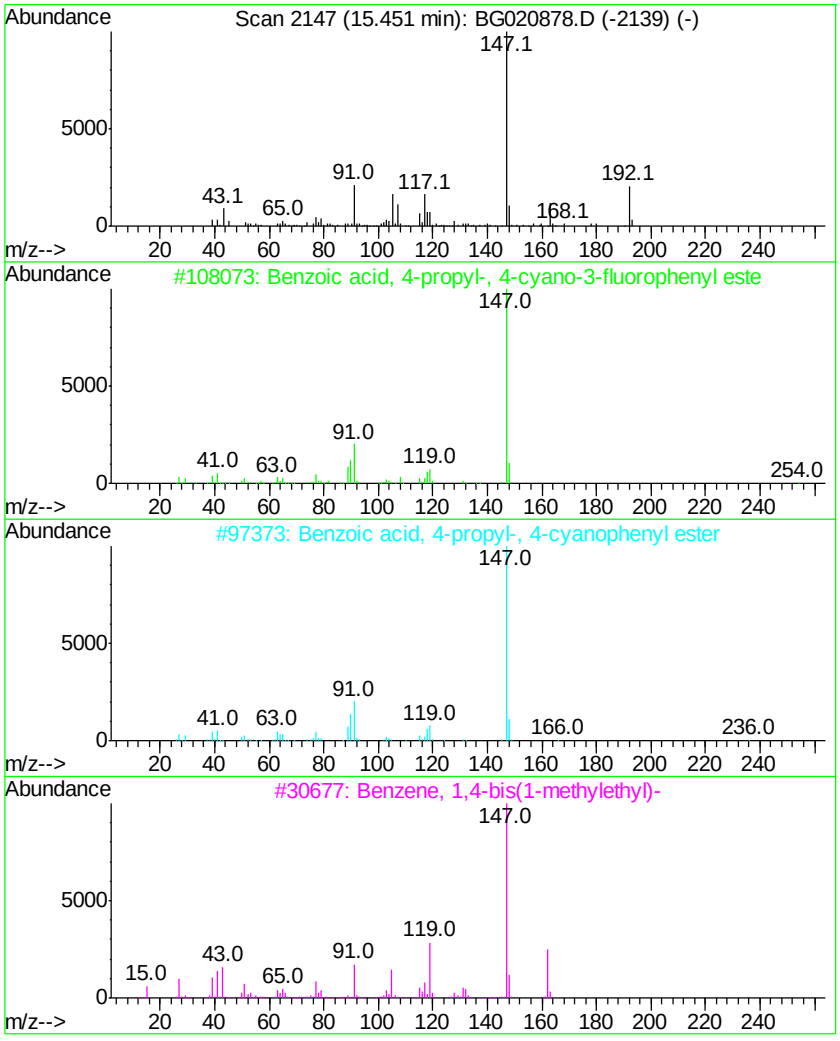
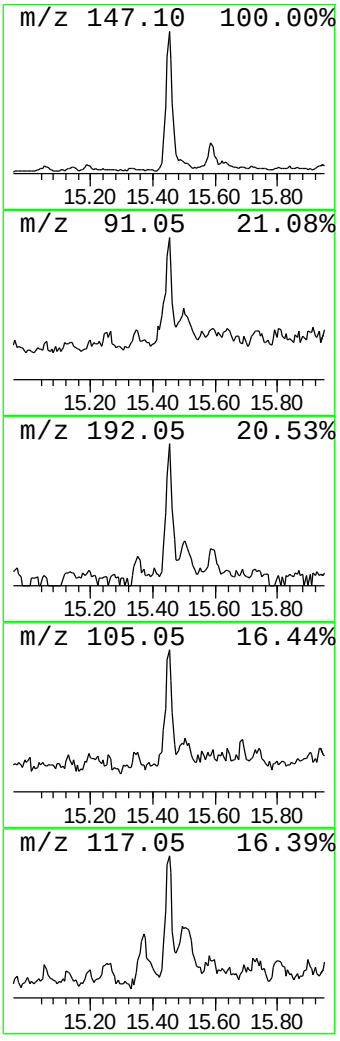
Peak Number 13 Benzoic acid, 4-propyl-, 4-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	5.37 ng	81656	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	50
2	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	50
3	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	50
4	Propiophenone, 2,2',4',6'-tetram...	190	C13H18O	002040-22-4	47
5	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	47





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Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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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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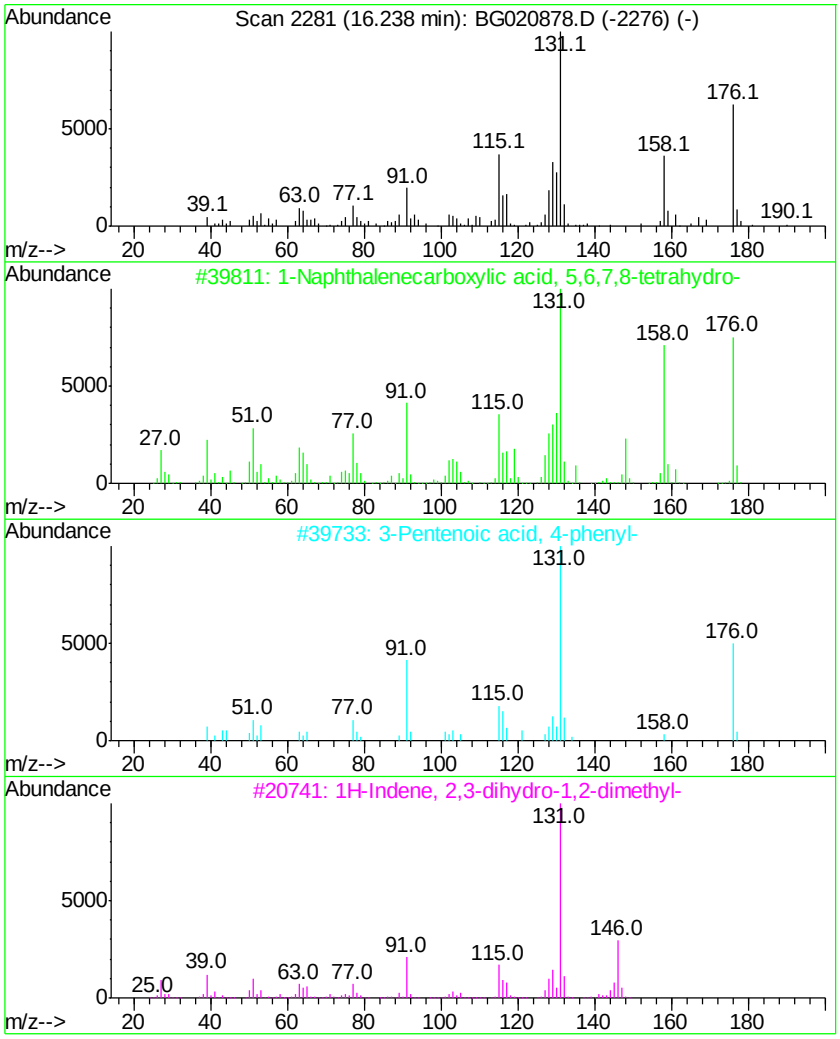
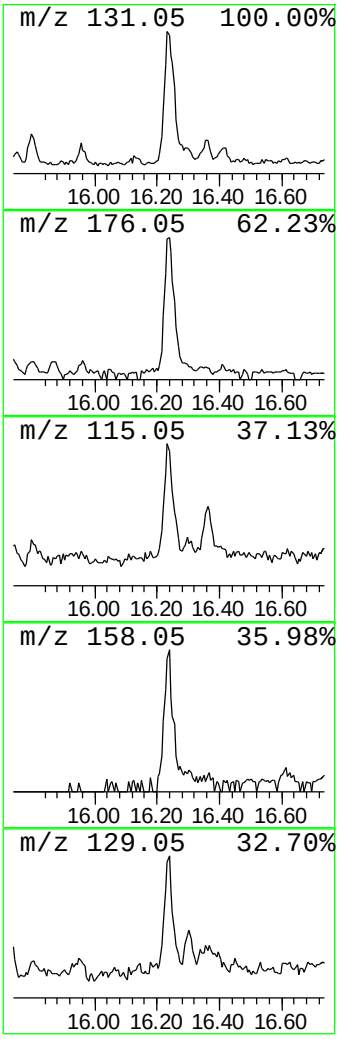
Peak Number 14 1-Naphthalenecarboxylic aci... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	4.64 ng	70610	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	90
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	62
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
4	Benzene, 1,3-bis(1-buten-3-yl-)-	186	C14H18	158117-62-5	50
5	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	001198-20-5	47





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Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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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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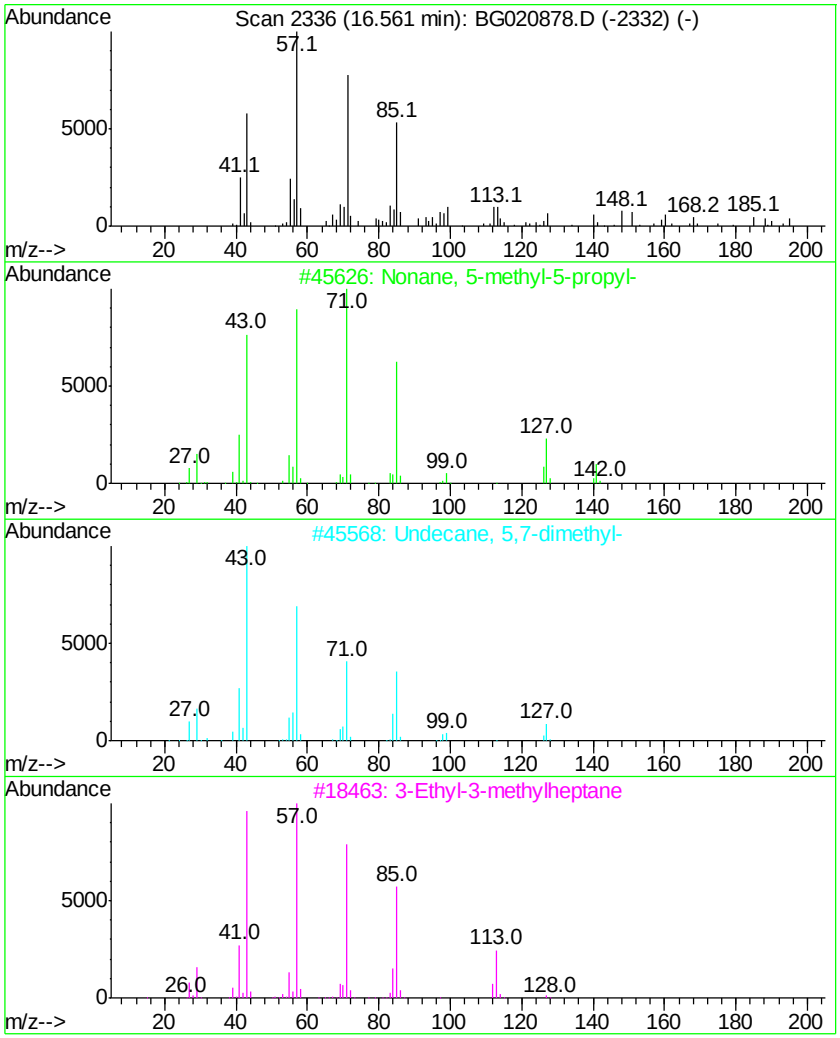
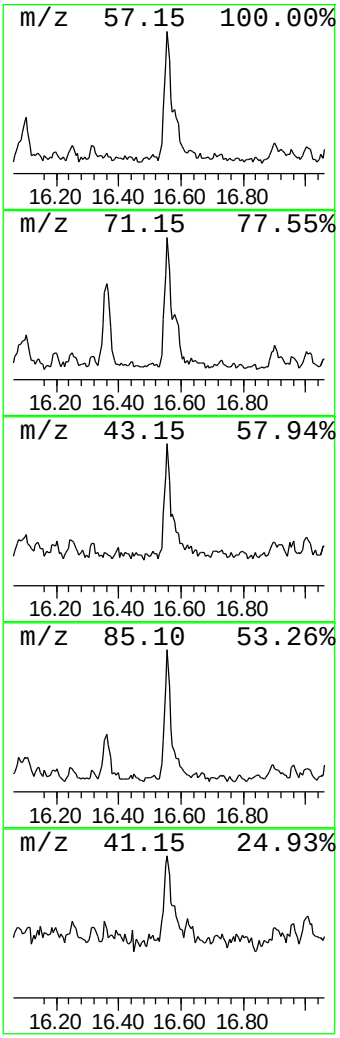
Peak Number 15 Nonane, 5-methyl-5-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.15 ng	32758	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	72
2	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72
3	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	50
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	50





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Operator : SJ/UM
Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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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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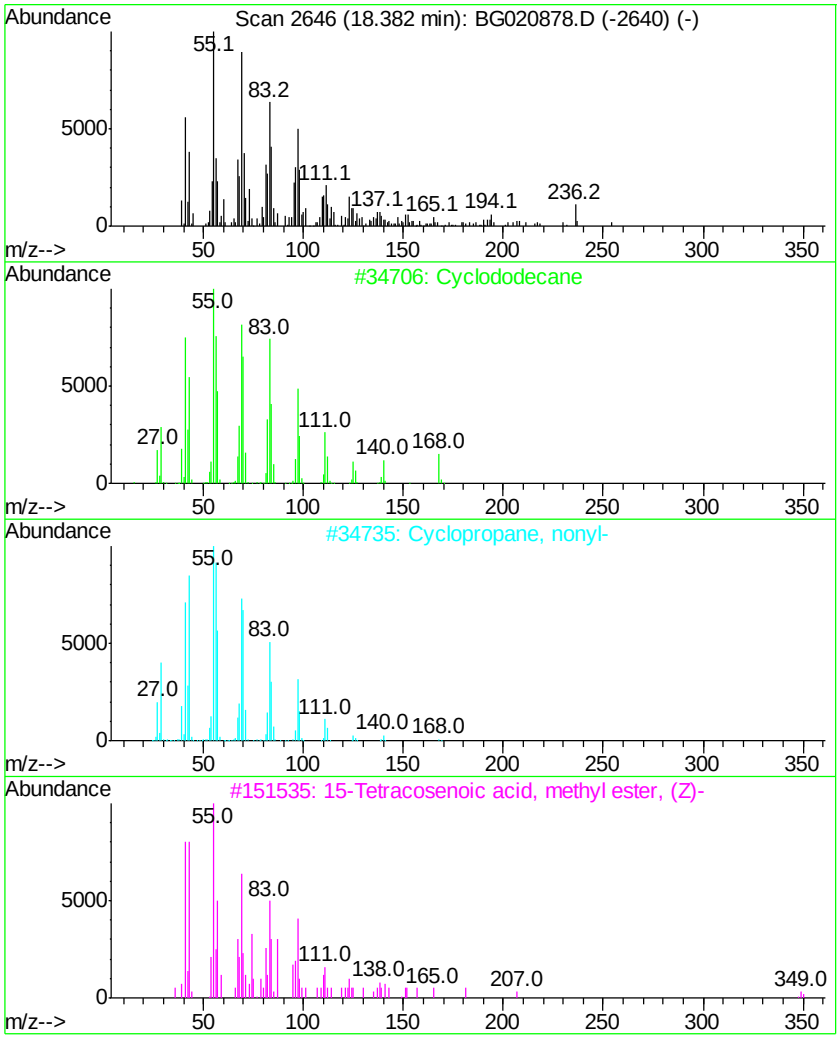
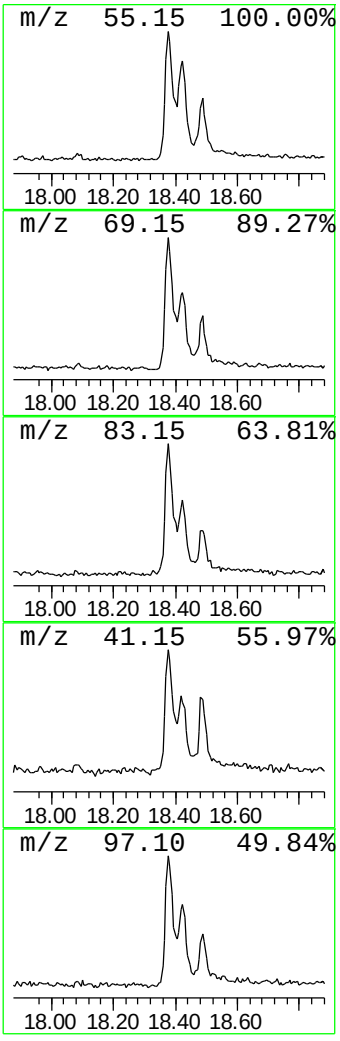
Peak Number 16 Cyclododecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	14.69 ng	223650	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	81
2	Cyclopropane, nonyl-	168	C12H24	074663-85-7	74
3	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	58
4	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	55
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	52





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Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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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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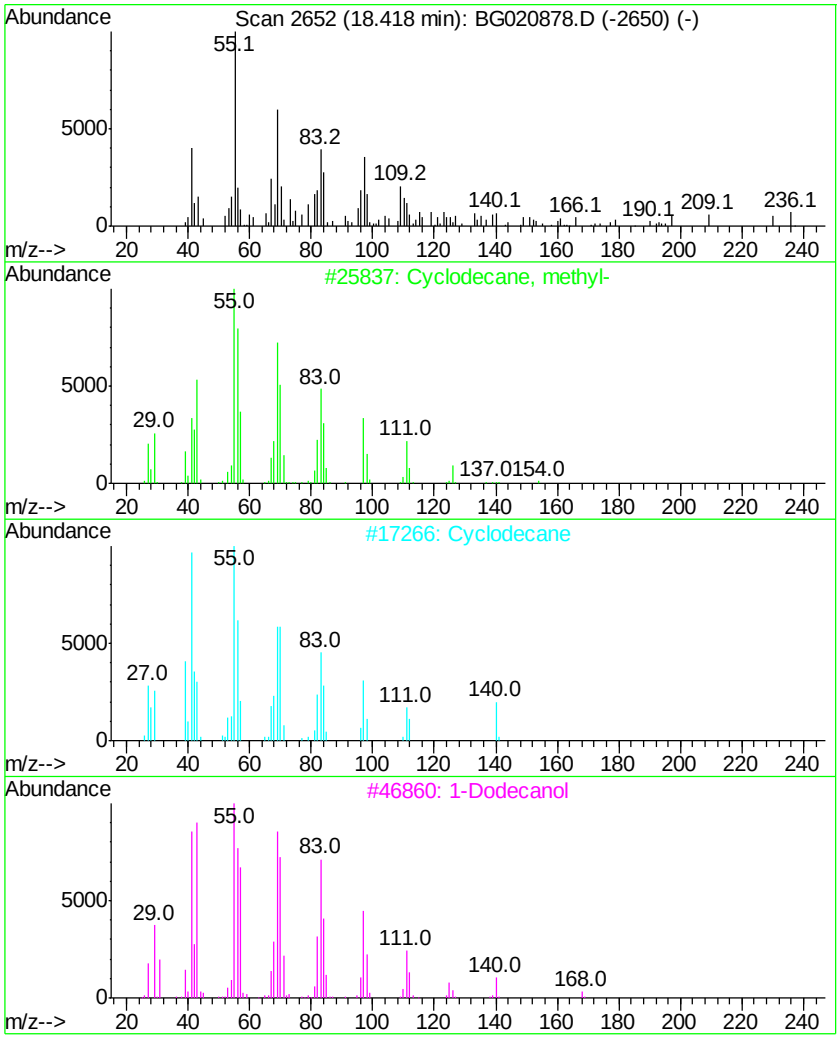
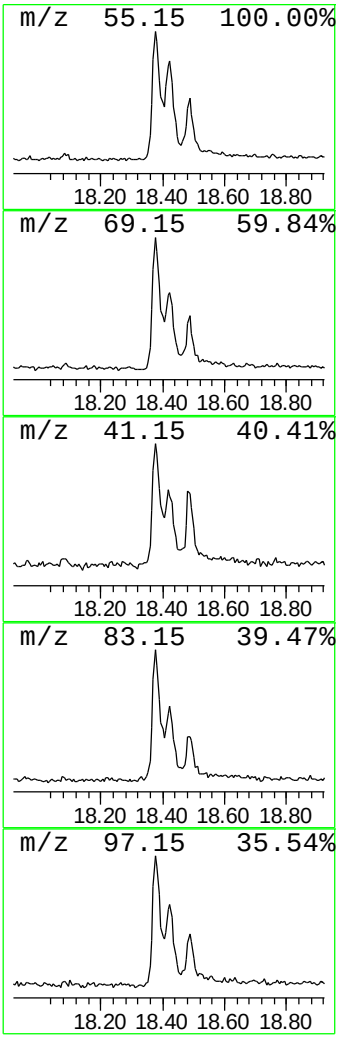
Peak Number 17 Cyclodecane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	7.70 ng	117289	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecane, methyl-	154	C11H22	013151-43-4	58
2	Cyclodecane	140	C10H20	000293-96-9	50
3	1-Dodecanol	186	C12H26O	000112-53-8	50
4	1-Decene	140	C10H20	000872-05-9	50
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	43





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Instrument : BNA_G
ClientSampleId : DBMW-5

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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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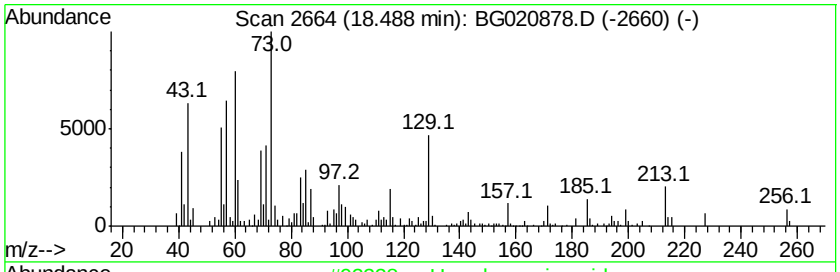
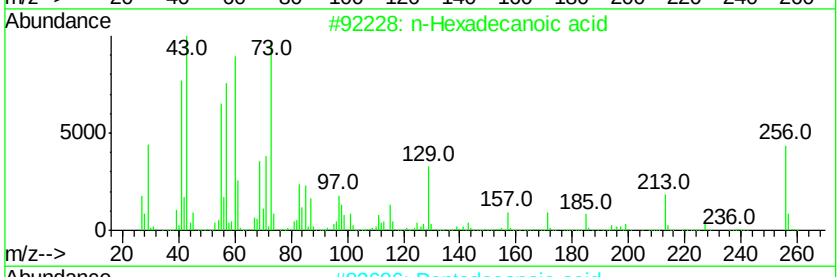
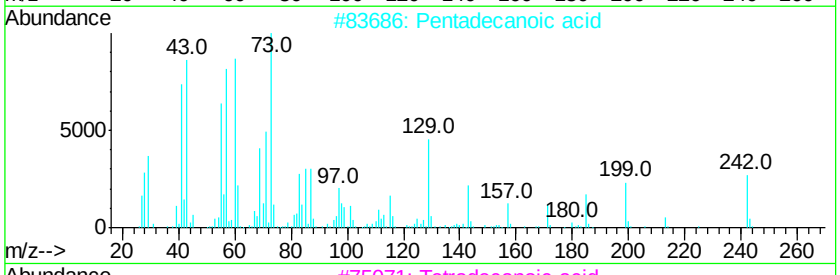
Peak Number 18 n-Hexadecanoic acid Concentration Rank 7

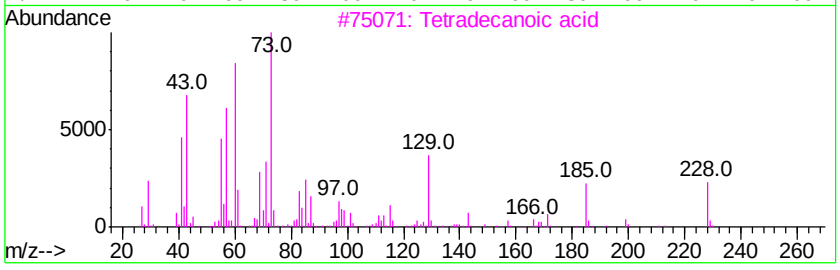
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	7.51 ng	114276	Phenanthrene-d10	17.62

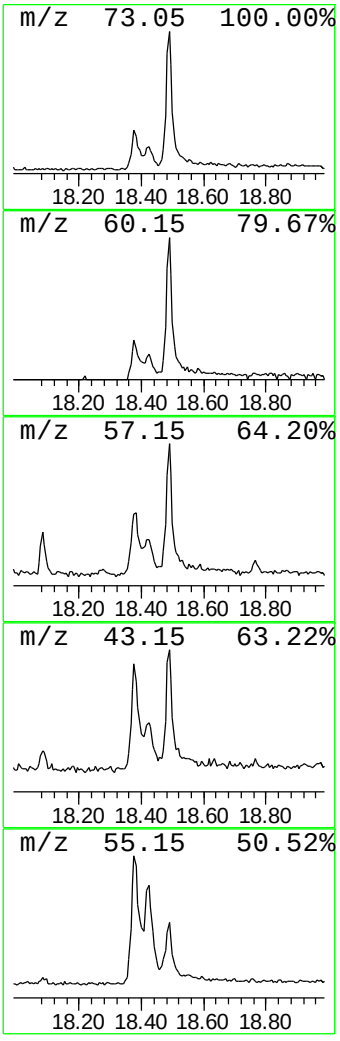
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	52











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Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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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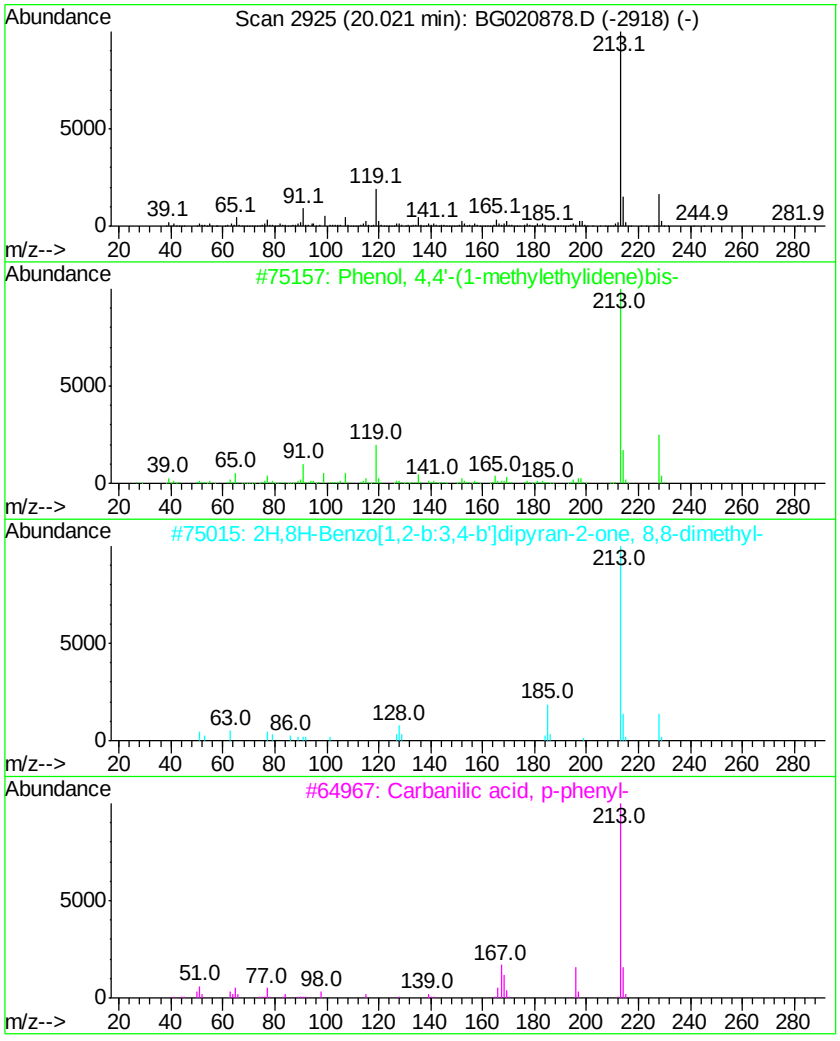
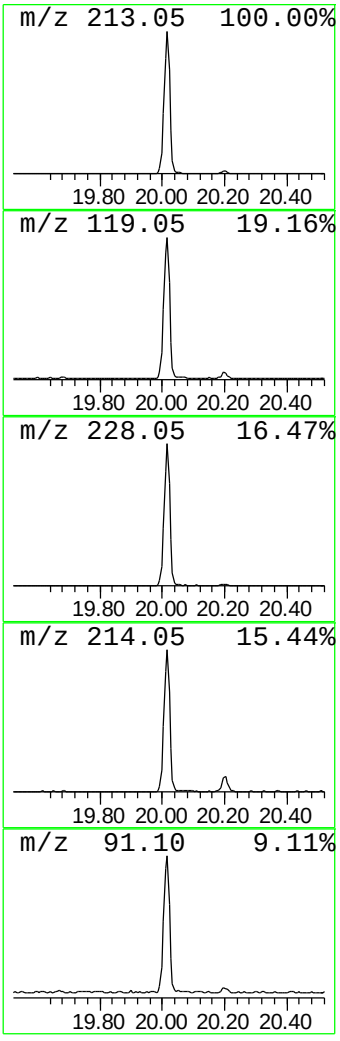
Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	50.71 ng	889248	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
3	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	49
4	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	43
5	Naphthalene-2,6-dicarboxylic aci...	376	C24H24O4	1000189-60-8	40





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020878.D
Acq On : 12 Feb 2016 5:15
Operator : SJ/UM
Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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

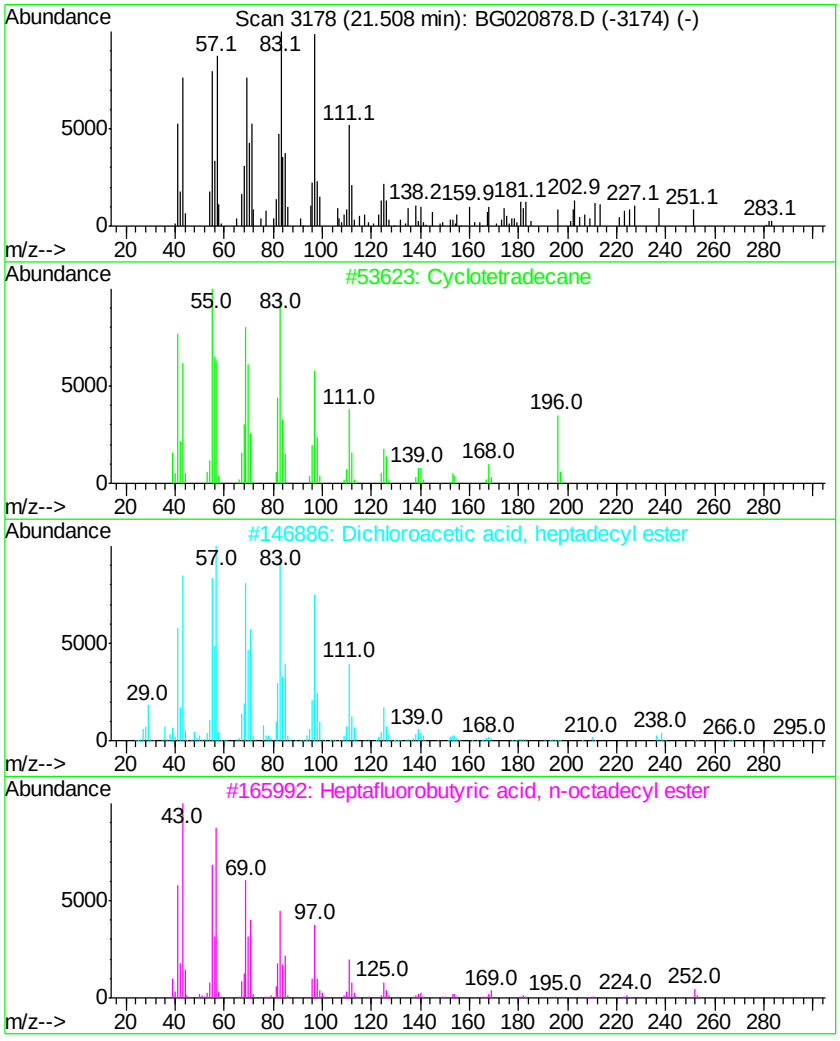
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

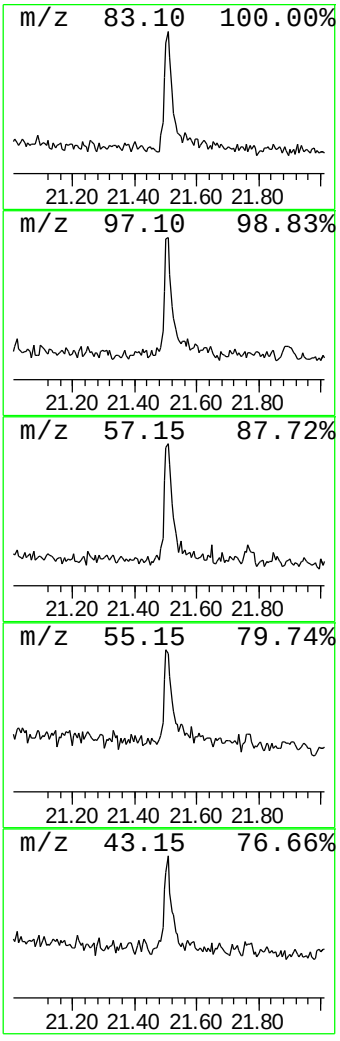
****

Peak Number 20 Cyclotetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	2.26 ng	39672	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	97
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	1-Nonadecanol	284	C19H40O	001454-84-8	91
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG021116\
Data File : BG020878.D
Acq On : 12 Feb 2016 5:15
Operator : SJ/UM
Sample : H1420-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-5

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...	3.33	5.2	ng	28340	1	8.27	110037	20.0
2-Pentanone, 4-hy...	5.32	4.8	ng	26382	1	8.27	110037	20.0
unknown7.80	7.80	88.1	ng	484855	1	8.27	110037	20.0
Hexanoic acid, 2-...	9.54	2.4	ng	12987	1	8.27	110037	20.0
unknown10.27	10.27	2.3	ng	27445	2	11.09	239016	20.0
unknown10.48	10.48	2.6	ng	31001	2	11.09	239016	20.0
2(1H)-Naphthaleno...	12.88	3.8	ng	45511	2	11.09	239016	20.0
unknown12.94	12.94	2.4	ng	28443	2	11.09	239016	20.0
unknown14.21	14.21	3.8	ng	57965	3	14.88	304161	20.0
unknown14.49	14.49	2.4	ng	36401	3	14.88	304161	20.0
Benzoic acid, 4-p...	15.45	5.4	ng	81656	3	14.88	304161	20.0
1-Naphthalenecarb...	16.24	4.6	ng	70610	3	14.88	304161	20.0
Nonane, 5-methyl-...	16.56	2.1	ng	32758	4	17.62	304481	20.0
Cyclododecane	18.38	14.7	ng	223650	4	17.62	304481	20.0
Cyclodecane, methyl-	18.42	7.7	ng	117289	4	17.62	304481	20.0
n-Hexadecanoic acid	18.49	7.5	ng	114276	4	17.62	304481	20.0
Phenol, 4,4'-(1-m...	20.02	50.7	ng	889248	5	21.90	350720	20.0
Cyclotetradecane	21.51	2.3	ng	39672	5	21.90	350720	20.0