LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033682.D
Acq On : 9 Apr 2018 16:01
Operator : SJ/JU
Sample : J2236-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103

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-BG031918.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	3.475	26	32	42	rBV	163611	344059	8.93%	1.850%
2	3.569	43	48	59	rVB	147162	242861	6.30%	1.306%
3	4.398	186	189	202	rBV	29671	77611	2.01%	0.417%
4	5.420	358	363	371	rBV2	51118	114532	2.97%	0.616%
5	6.178	488	492	504	rBV2	73790	194310	5.04%	1.045%
6	6.290	504	511	528	rVB	282100	585384	15.19%	3.148%
7	6.478	537	543	557	rBV	161479	297983	7.73%	1.603%
8	7.283	671	680	685	rBV2	95314	198468	5.15%	1.067%
9	7.535	716	723	729	rBV3	30110	61937	1.61%	0.333%
10	7.911	780	787	792	rBV5	22678	52398	1.36%	0.282%
11	7.970	792	797	811	rVV	163113	390966	10.14%	2.103%
12	8.370	858	865	886	rBV	578739	1191675	30.91%	6.409%
13	8.857	941	948	962	rBV2	121564	337118	8.75%	1.813%
14	9.122	986	993	998	rBV2	34574	66661	1.73%	0.359%
15	9.192	998	1005	1021	rVB	540343	1061973	27.55%	5.711%
16	10.056	1144	1152	1163	rBV	414874	927979	24.07%	4.991%
17	11.742	1432	1439	1453	rBV	188043	409651	10.63%	2.203%
18	13.558	1739	1748	1759	rVV3	21213	51529	1.34%	0.277%
19	14.104	1834	1841	1855	rBV	1379519	2371458	61.52%	12.754%
20	14.897	1970	1976	1981	rVB	27330	41402	1.07%	0.223%
21	15.303	2036	2045	2048	rBV5	28944	52158	1.35%	0.281%
22	15.473	2068	2074	2083	rBV2	377812	645283	16.74%	3.470%
23	16.237	2200	2204	2210	rVB3	37538	55372	1.44%	0.298%
24	16.948	2318	2325	2340	rBV	1276613	2134613	55.38%	11.480%
25	18.205	2533	2539	2545	rBV2	526471	879855	22.83%	4.732%
26	19.004	2671	2675	2681	rBV4	45309	77096	2.00%	0.415%
27	20.726	2962	2968	2978	rBV	2856516	3854767	100.00%	20.731%
28	22.071	3190	3197	3205	rBV9	24494	59068	1.53%	0.318%
29	22.547	3271	3278	3290	rBV2	458414	938642	24.35%	5.048%
30	26.313	3908	3919	3930	rBV2	262072	877186	22.76%	4.718%

Sum of corrected areas: 18593995

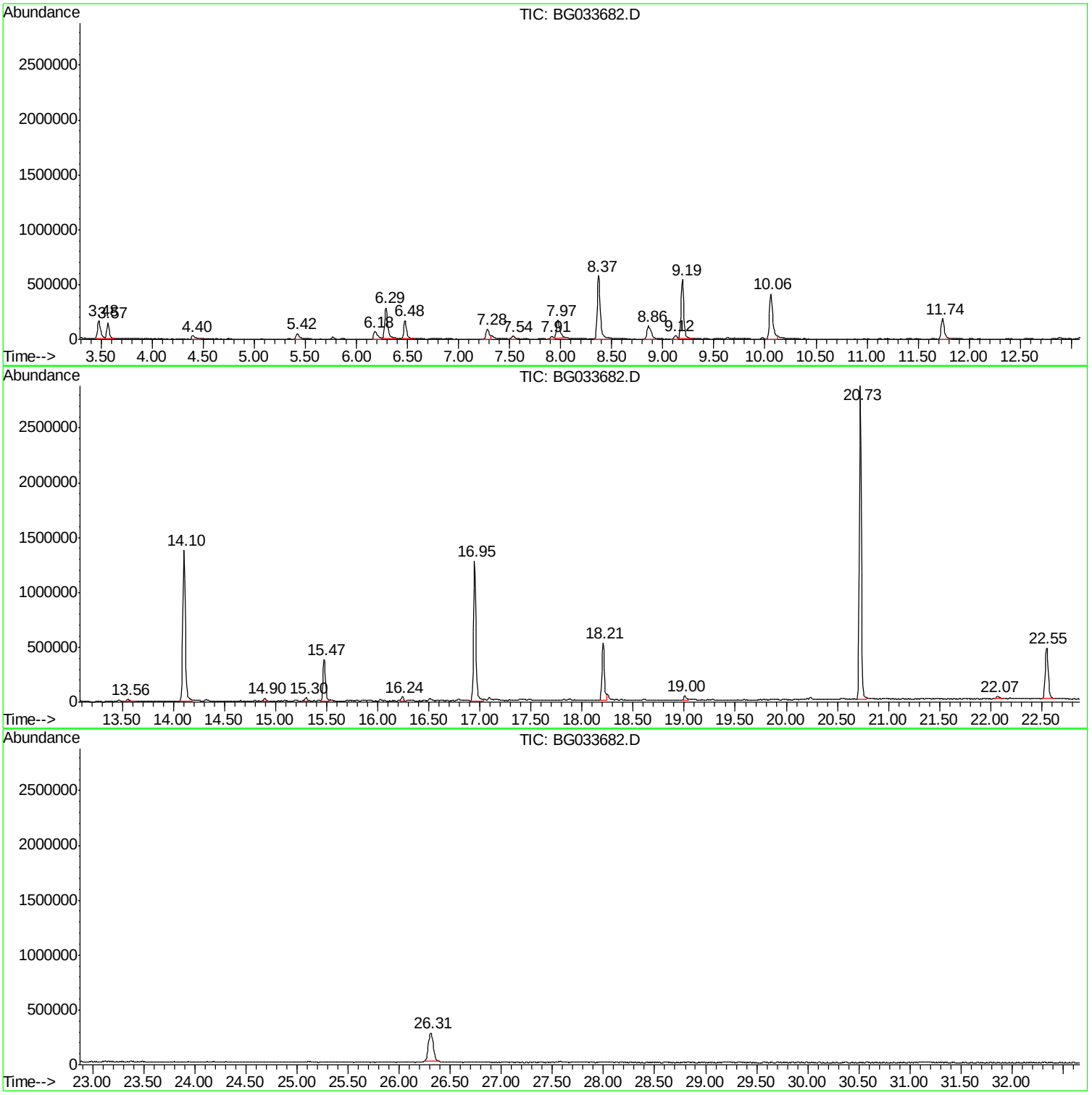
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033682.D
Acq On : 9 Apr 2018 16:01
Operator : SJ/JU
Sample : J2236-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033682.D
Acq On : 9 Apr 2018 16:01
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

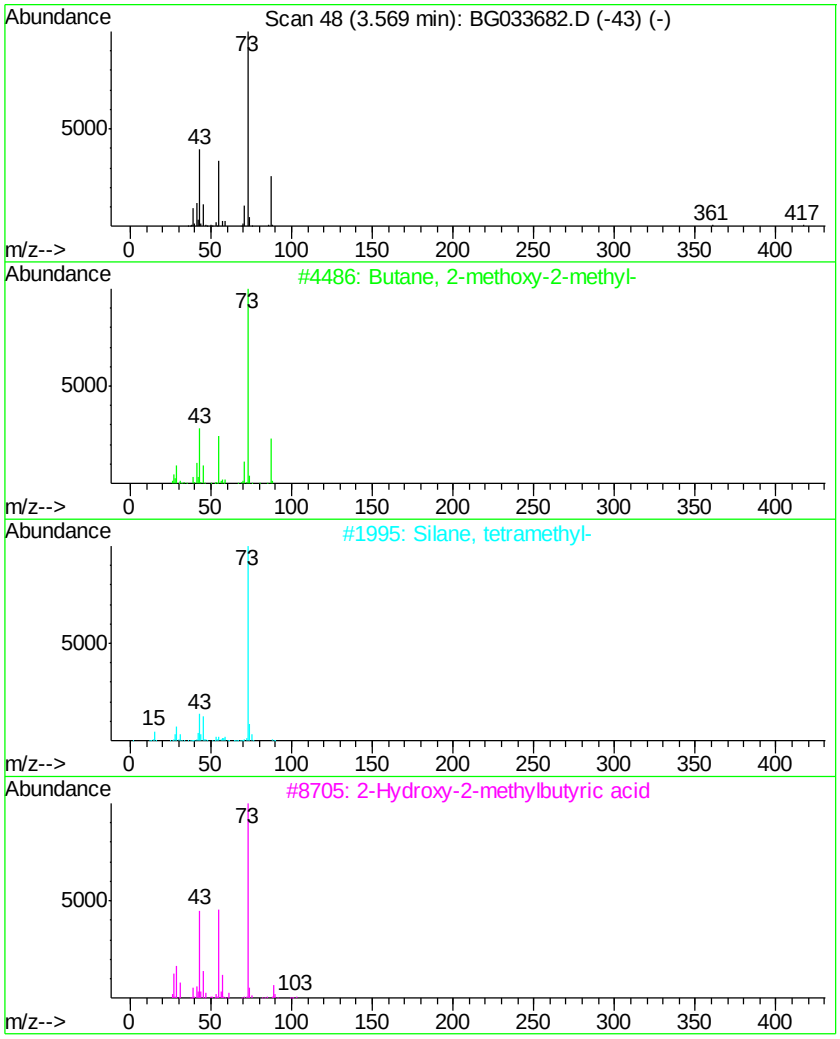
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

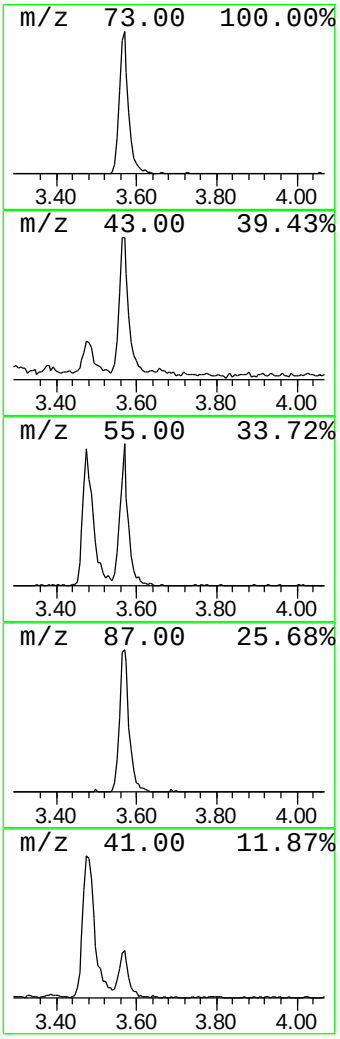
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	14.41 ng	242861	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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Data File : BG033682.D
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Operator : SJ/JU
Sample : J2236-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

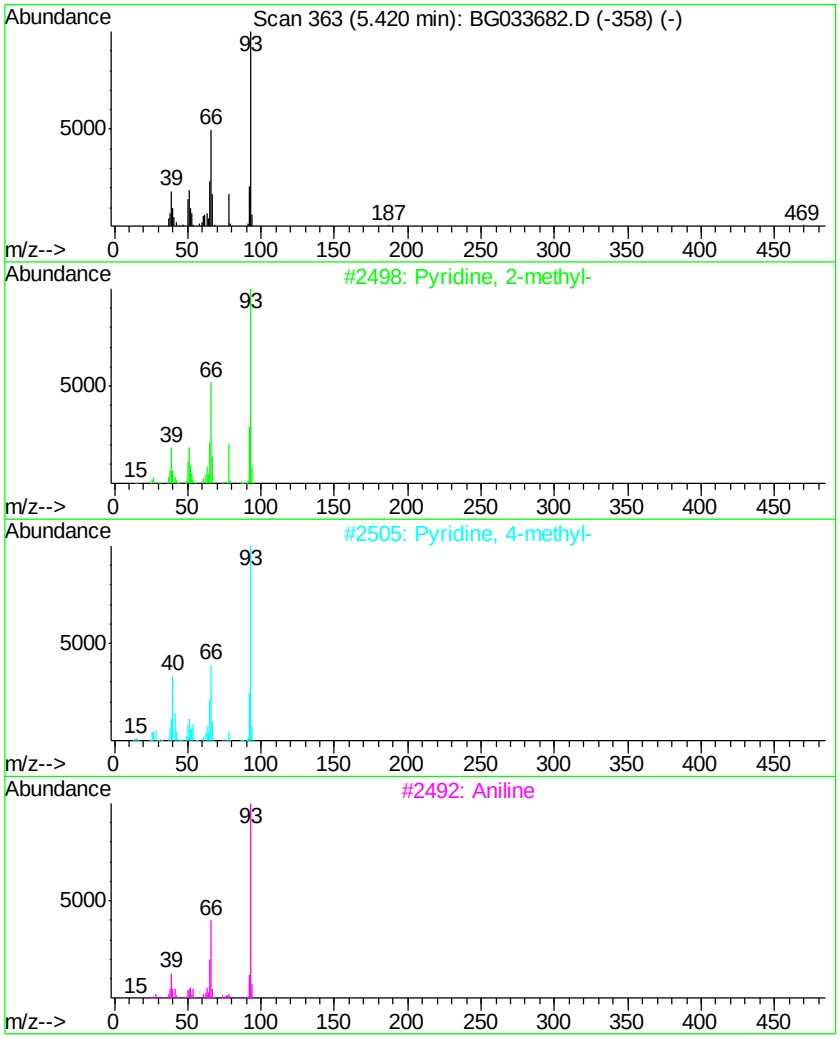
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

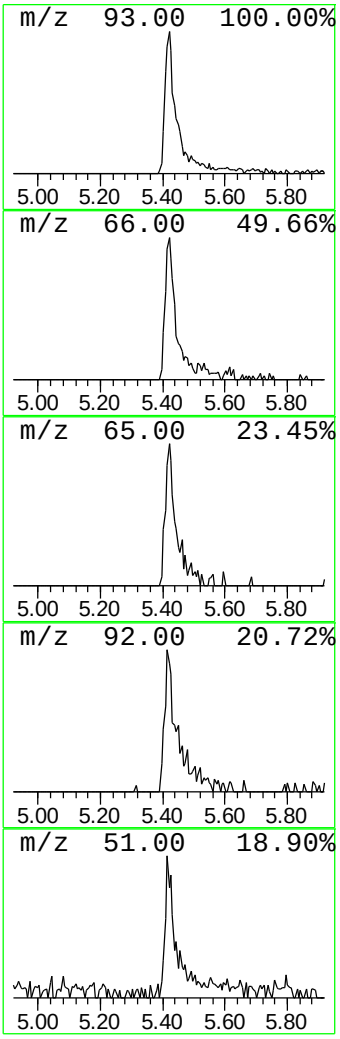
****

Peak Number 3 Pyridine, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	6.79 ng	114532	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	95
2	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	91
3	Aniline	93	C6H7N	000062-53-3	87
4	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	86
5	Silanediamine, 1,1-dimethyl-N,N'...	242	C14H18N2Si	013435-09-1	78





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Data File : BG033682.D
Acq On : 9 Apr 2018 16:01
Operator : SJ/JU
Sample : J2236-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

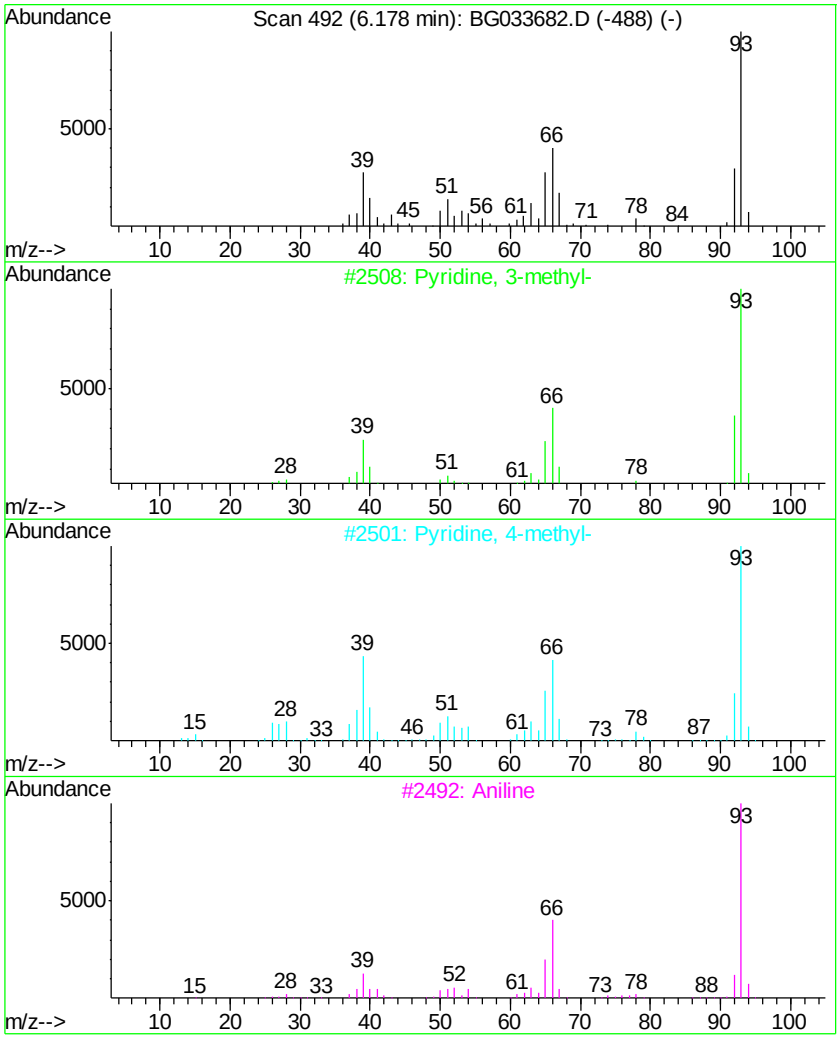
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

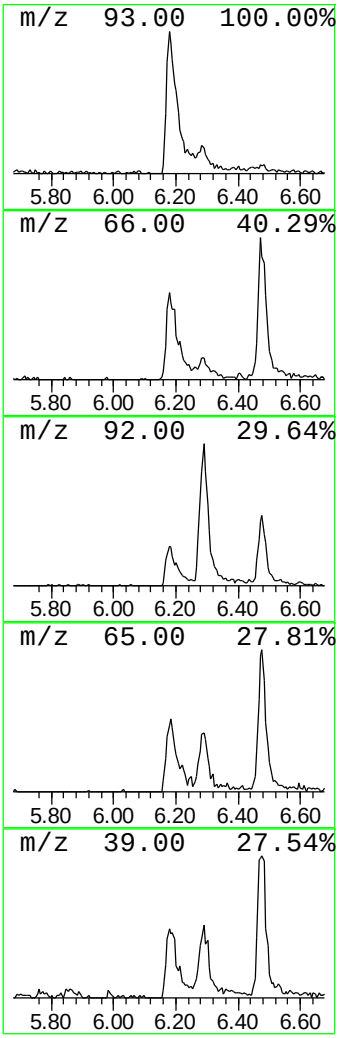
****

Peak Number 4 Pyridine, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	11.53 ng	194310	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-methyl-	93	C6H7N	000108-99-6	95
2	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	91
3	Aniline	93	C6H7N	000062-53-3	91
4	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	86
5	Silanediamine, 1,1-dimethyl-N,N'...	242	C14H18N2Si	013435-09-1	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033682.D
Acq On : 9 Apr 2018 16:01
Operator : SJ/JU
Sample : J2236-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

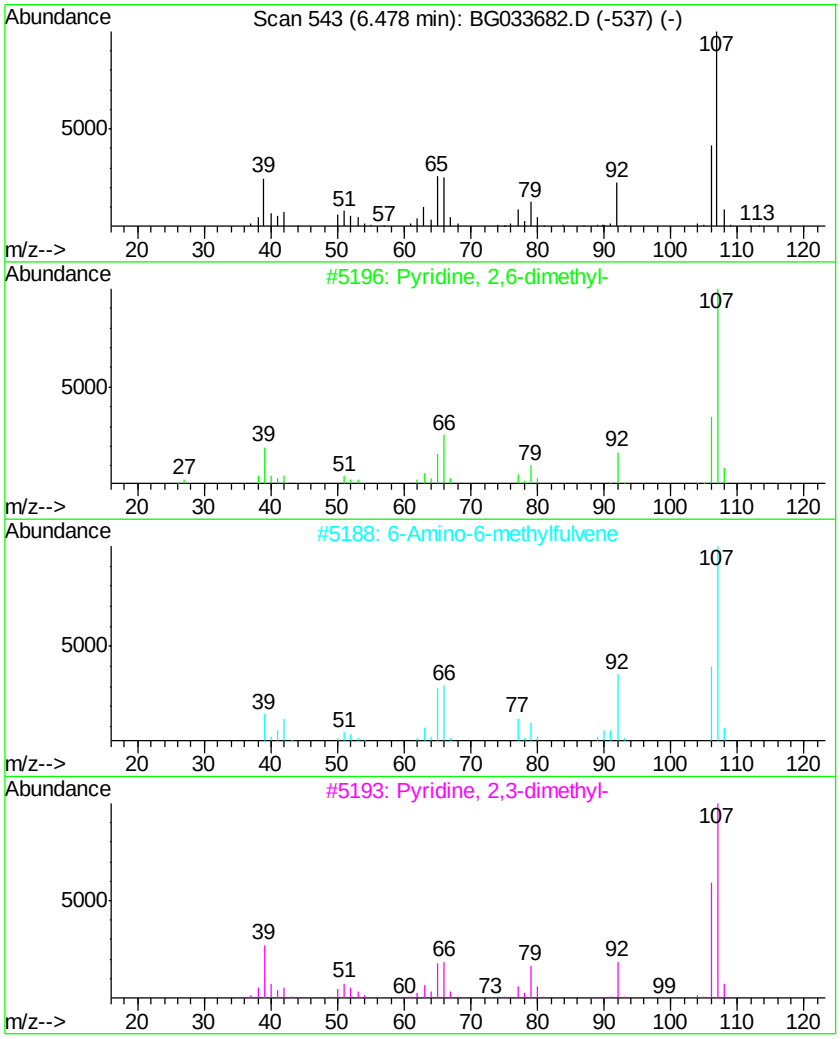
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

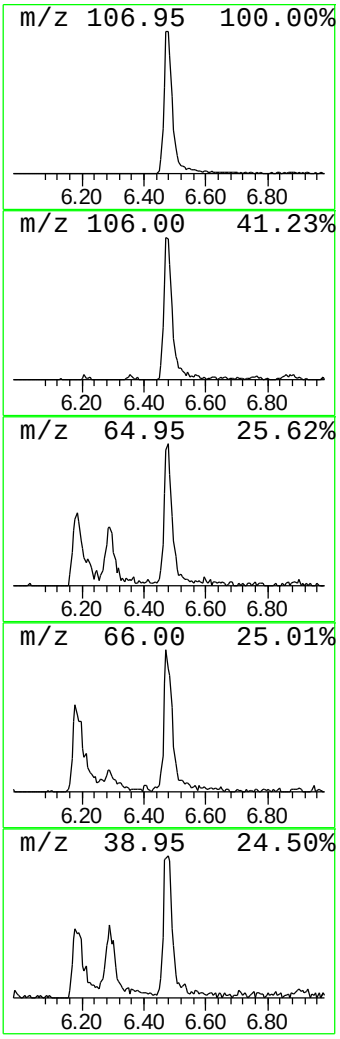
****

Peak Number 5 Pyridine, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	17.68 ng	297983	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	97
2	6-Amino-6-methylfulvene	107	C7H9N	000694-74-6	87
3	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	64
4	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	49
5	1,4-Dimethyl-pyridinium chloride	143	C7H10ClN	1000145-43-8	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033682.D
Acq On : 9 Apr 2018 16:01
Operator : SJ/JU
Sample : J2236-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

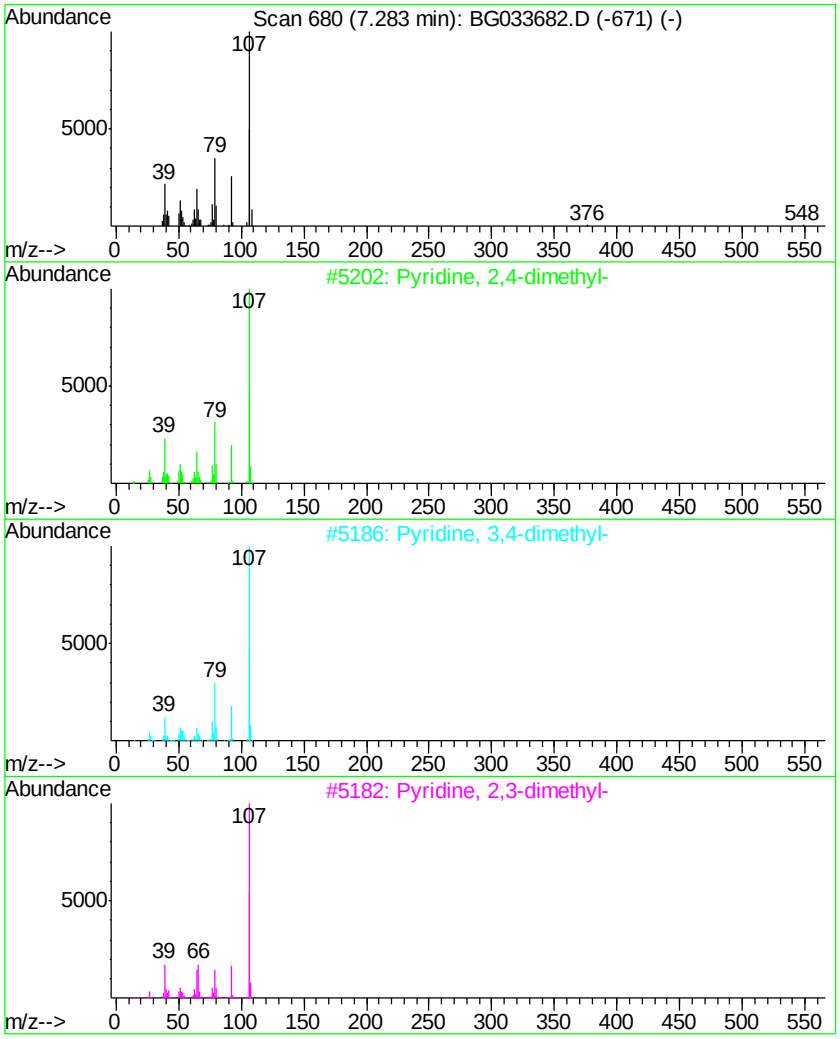
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

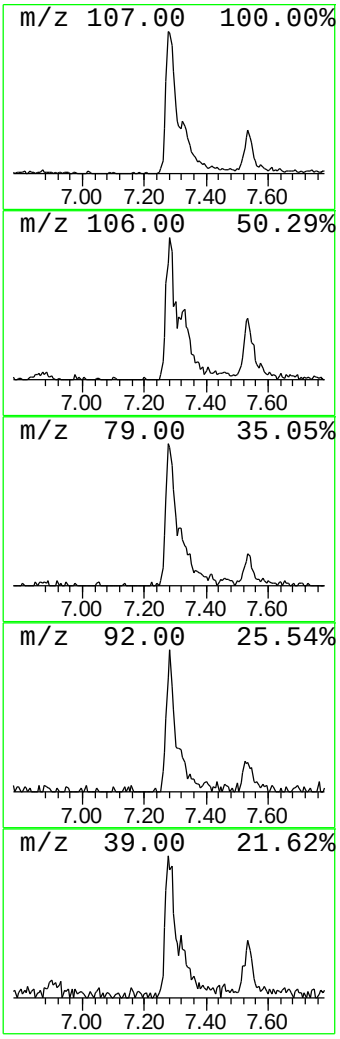
****

Peak Number 6 Pyridine, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	11.77 ng	198468	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	97
2	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	93
3	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	90
4	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	87
5	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	74





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Operator : SJ/JU
Sample : J2236-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

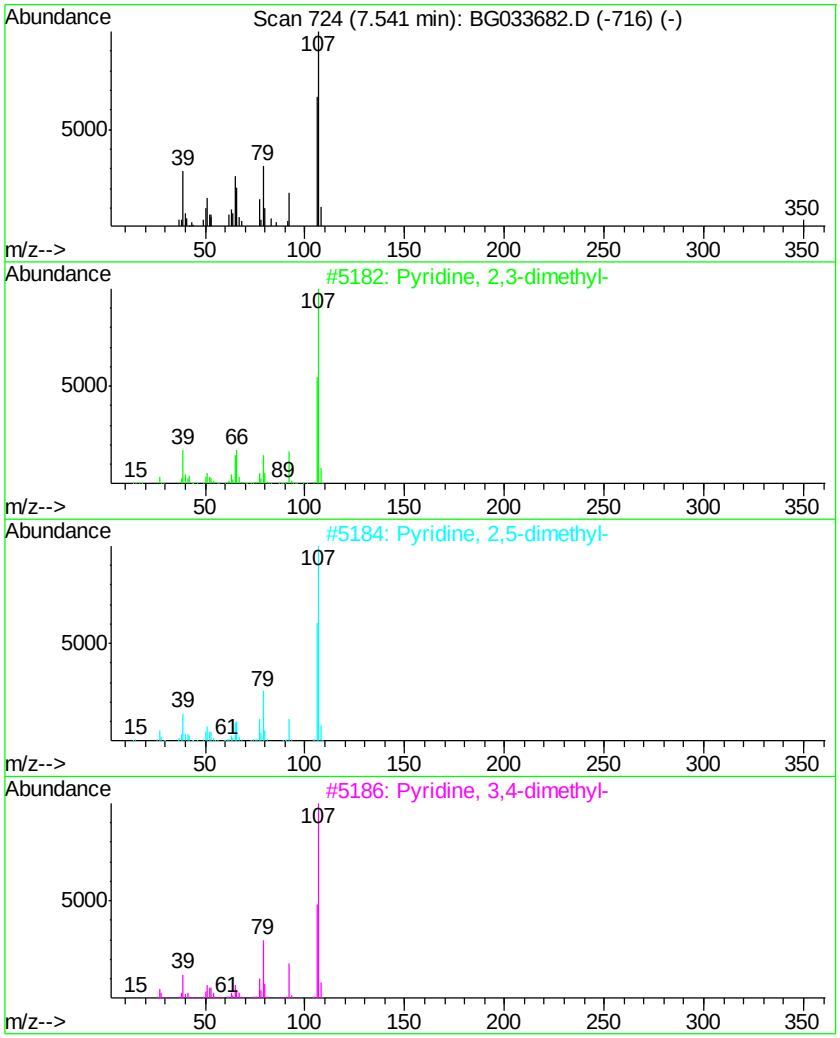
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

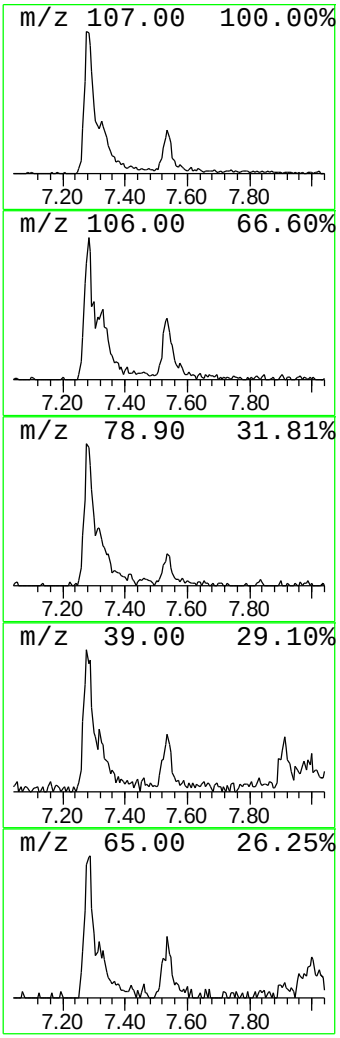
****

Peak Number 7 Pyridine, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	3.67 ng	61937	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	93
2	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	87
3	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	83
4	Pyridine, 4-ethyl-	107	C7H9N	000536-75-4	80
5	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	72





Library Search Compound Report

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Sample : J2236-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

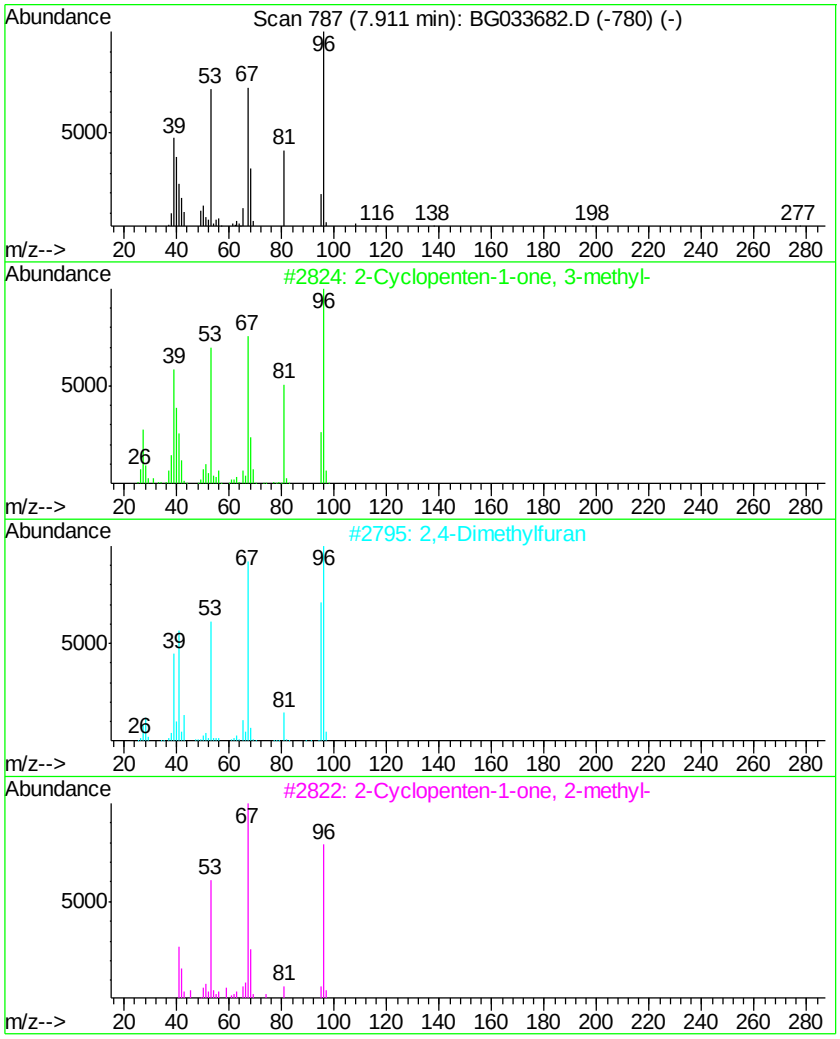
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

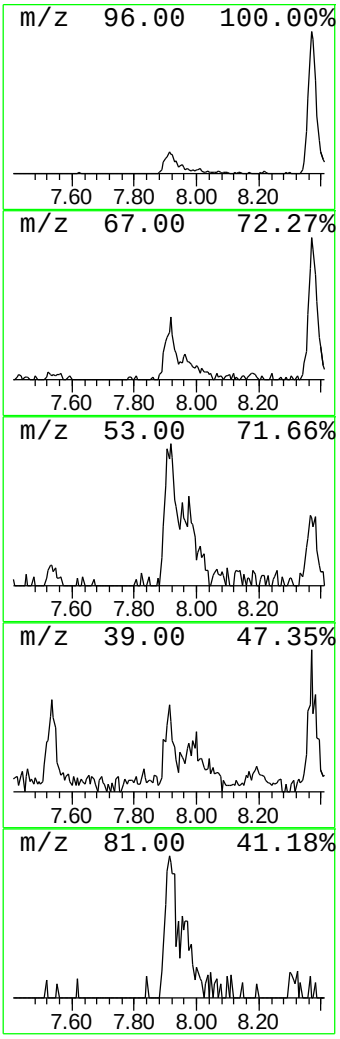
****

Peak Number 8 2-Cyclopenten-1-one, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	3.11 ng	52398	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	93
2	2,4-Dimethylfuran	96	C6H8O	003710-43-8	80
3	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	68
4	1,4-Pentadiene	68	C5H8	000591-93-5	64
5	1,3-Pentadiene	68	C5H8	000504-60-9	64





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TIC Library : C:\Database\NIST11.L
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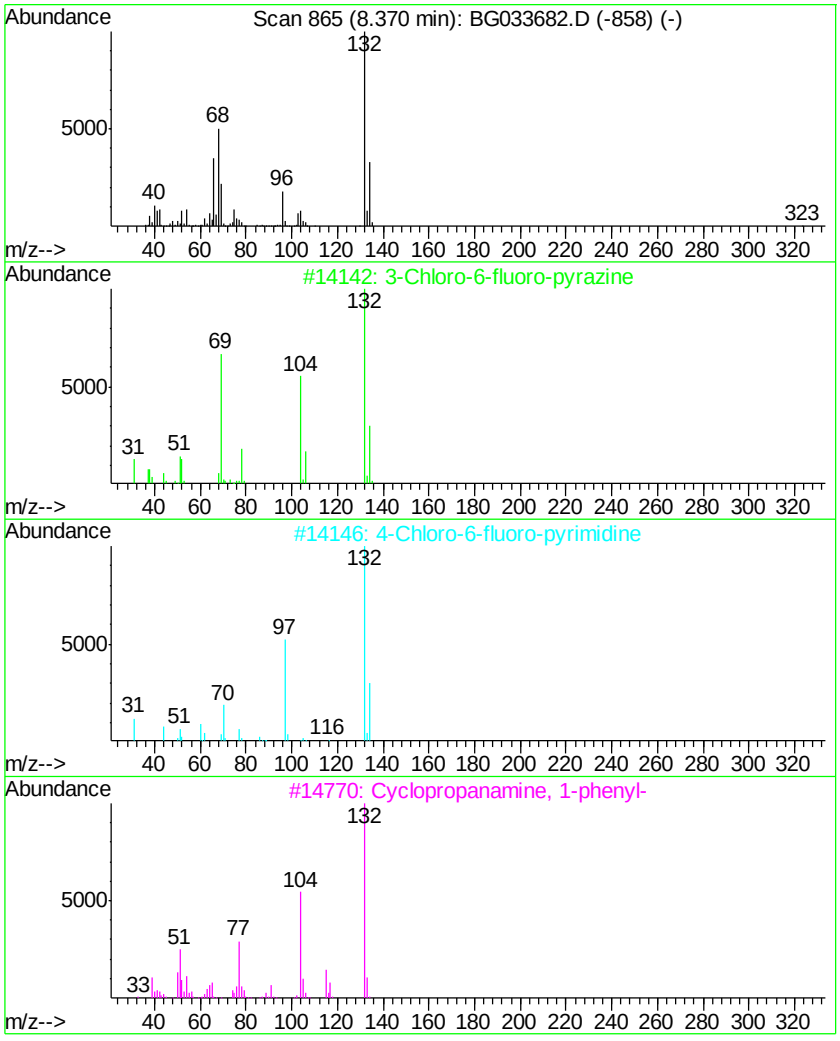
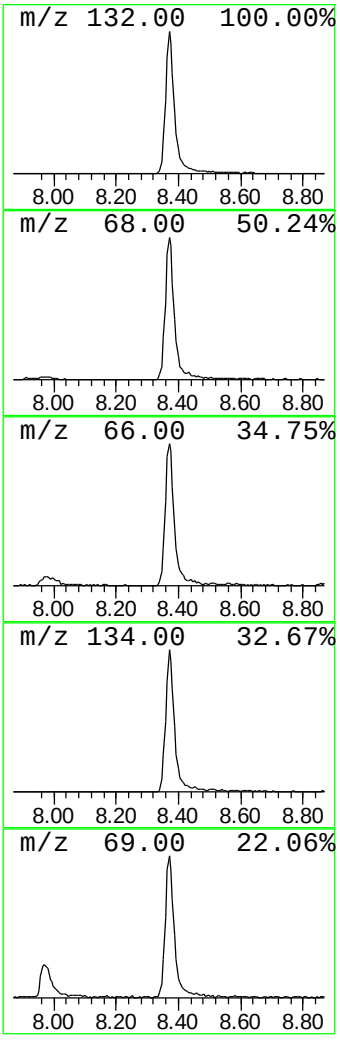
****

Peak Number 9 unknown8.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	70.70 ng	1191680	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

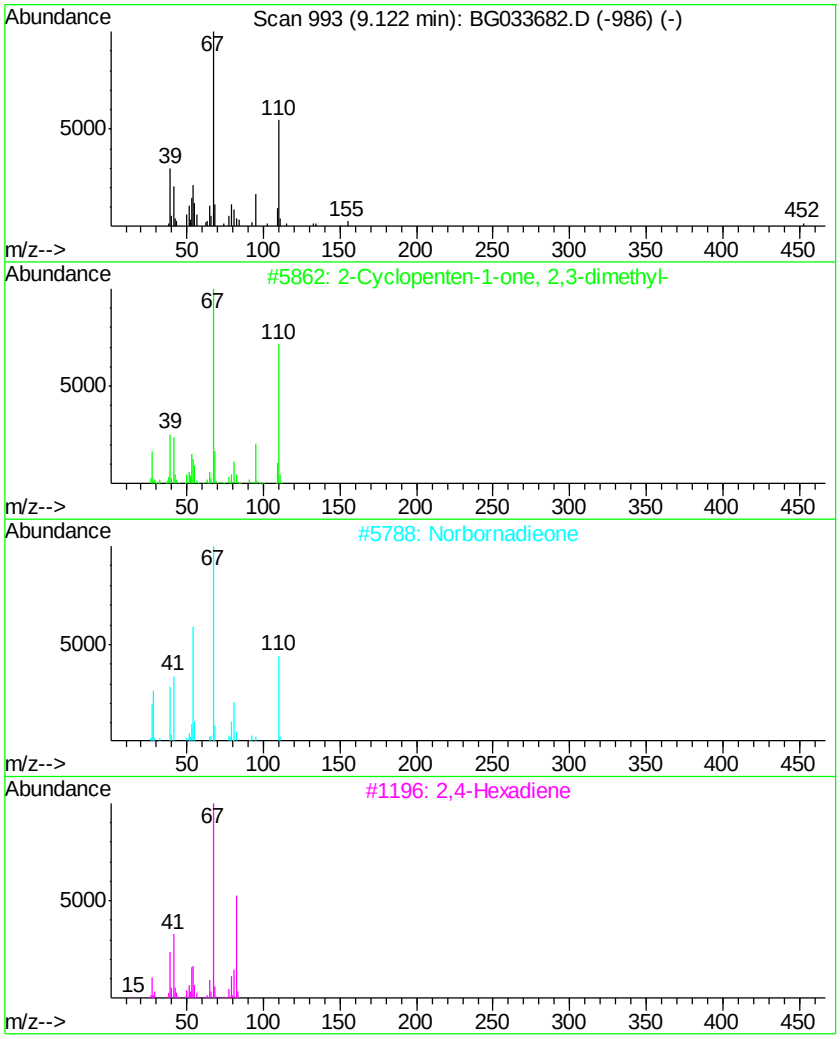
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

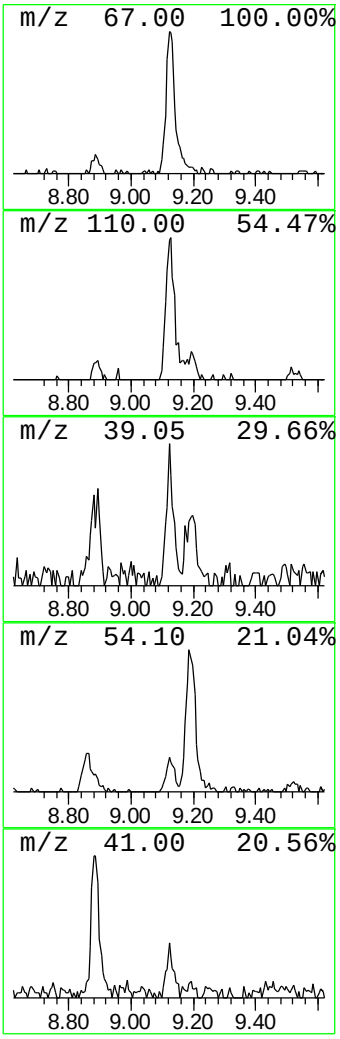
****

Peak Number 10 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	3.95 ng	66661	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	87
2	Norbornadieone	110	C7H10O	010218-02-7	58
3	2,4-Hexadiene	82	C6H10	000592-46-1	45
4	(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	45
5	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	45





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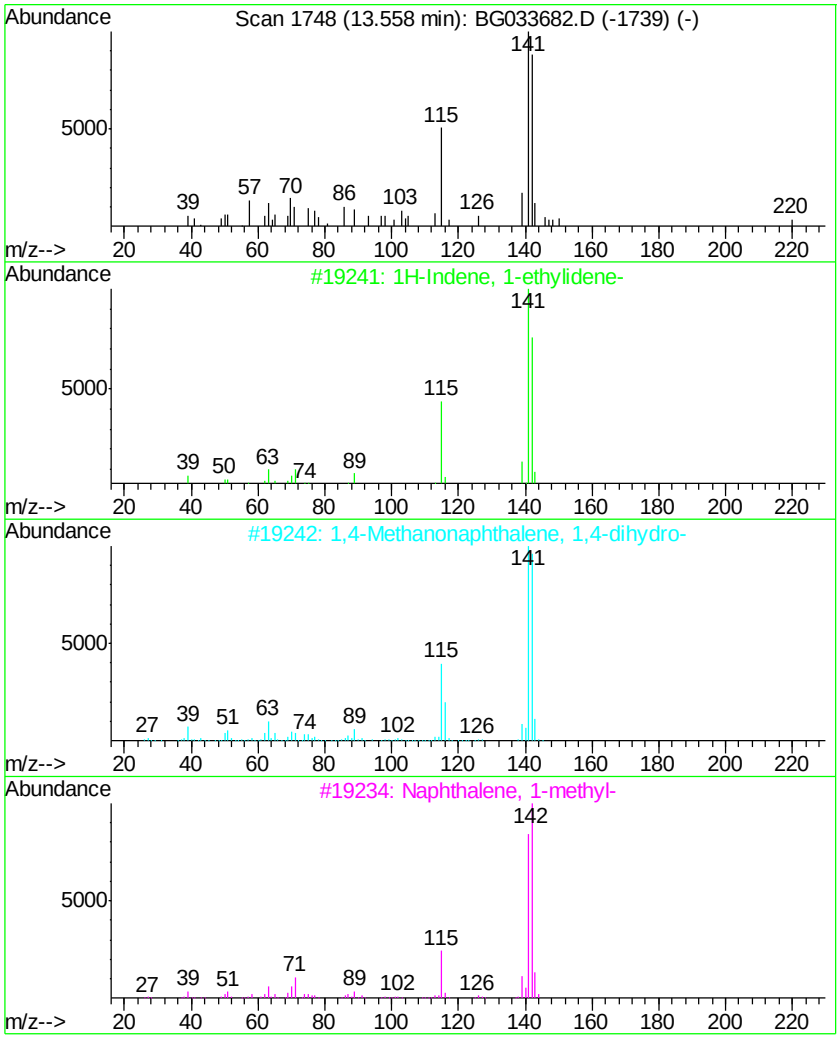
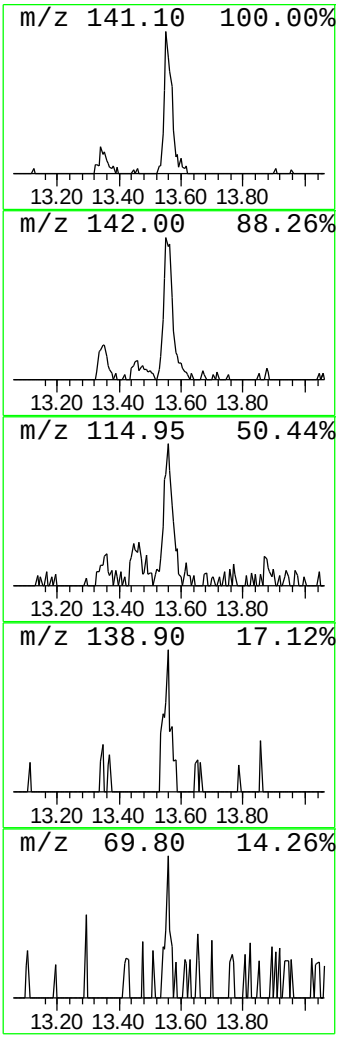
****

Peak Number 12 1H-Indene, 1-ethylidene- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	2.52 ng	51529	Naphthalene-d8	11.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	93
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	80
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	80
4	Benzocycloheptatriene	142	C11H10	000264-09-5	80
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040918\
Data File : BG033682.D
Acq On : 9 Apr 2018 16:01
Operator : SJ/JU
Sample : J2236-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.57	14.4	ng	242861	1	8.86	337118	20.0
Pyridine, 2-methyl-	5.42	6.8	ng	114532	1	8.86	337118	20.0
Pyridine, 3-methyl-	6.18	11.5	ng	194310	1	8.86	337118	20.0
Pyridine, 2,6-dim...	6.48	17.7	ng	297983	1	8.86	337118	20.0
Pyridine, 2,4-dim...	7.28	11.8	ng	198468	1	8.86	337118	20.0
Pyridine, 2,3-dim...	7.54	3.7	ng	61937	1	8.86	337118	20.0
2-Cyclopenten-1-o...	7.91	3.1	ng	52398	1	8.86	337118	20.0
unknown8.37	8.37	70.7	ng	1191680	1	8.86	337118	20.0
2-Cyclopenten-1-o...	9.12	4.0	ng	66661	1	8.86	337118	20.0
1H-Indene, 1-ethy...	13.56	2.5	ng	51529	2	11.74	409651	20.0