LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077786.D
Acq On : 17 Mar 2015 22:09
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-097-31615

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_F\METHODS\8270-BF031115.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	1.435	45	48	51	rVB	229022	370150	14.35%	2.543%
2	1.607	60	63	67	rVB	390411	505725	19.60%	3.475%
3	1.675	67	69	77	rVV	99388	241960	9.38%	1.662%
4	1.790	77	79	121	rVB	1323094	2579871	100.00%	17.725%
5	4.921	351	353	358	rVB	39428	49603	1.92%	0.341%
6	5.447	396	399	401	rBV	277561	374948	14.53%	2.576%
7	6.727	509	511	513	rBV	222885	248554	9.63%	1.708%
8	6.864	521	523	526	rBV	837830	900257	34.90%	6.185%
9	7.162	546	549	551	rBV	245880	242414	9.40%	1.666%
10	7.344	562	565	568	rBV	1133877	1001782	38.83%	6.883%
11	7.847	607	609	612	rBV	528951	721743	27.98%	4.959%
12	8.739	684	687	689	rBV	303229	324119	12.56%	2.227%
13	10.088	802	805	807	rBV	1267805	1637804	63.48%	11.253%
14	10.590	847	849	851	rVB	43489	36082	1.40%	0.248%
15	10.910	874	877	879	rVB	265476	373209	14.47%	2.564%
16	11.813	953	956	958	rBV	75537	93721	3.63%	0.644%
17	11.882	960	962	965	rBV	973350	970924	37.63%	6.671%
18	12.351	999	1003	1004	rBV	42007	51659	2.00%	0.355%
19	12.739	1035	1037	1040	rBV	347391	394960	15.31%	2.714%
20	13.014	1058	1061	1063	rVB	30843	41653	1.61%	0.286%
21	14.431	1183	1185	1188	rBV	659046	656785	25.46%	4.513%
22	14.739	1209	1212	1215	rBV	1735619	1784929	69.19%	12.264%
23	14.957	1229	1231	1234	rBV	25418	28675	1.11%	0.197%
24	15.917	1313	1315	1322	rBV2	13796	26413	1.02%	0.181%
25	16.020	1322	1324	1327	rBV	349489	449281	17.41%	3.087%
26	17.734	1471	1474	1483	rBV	284531	447505	17.35%	3.075%

Sum of corrected areas: 14554726

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077786.D
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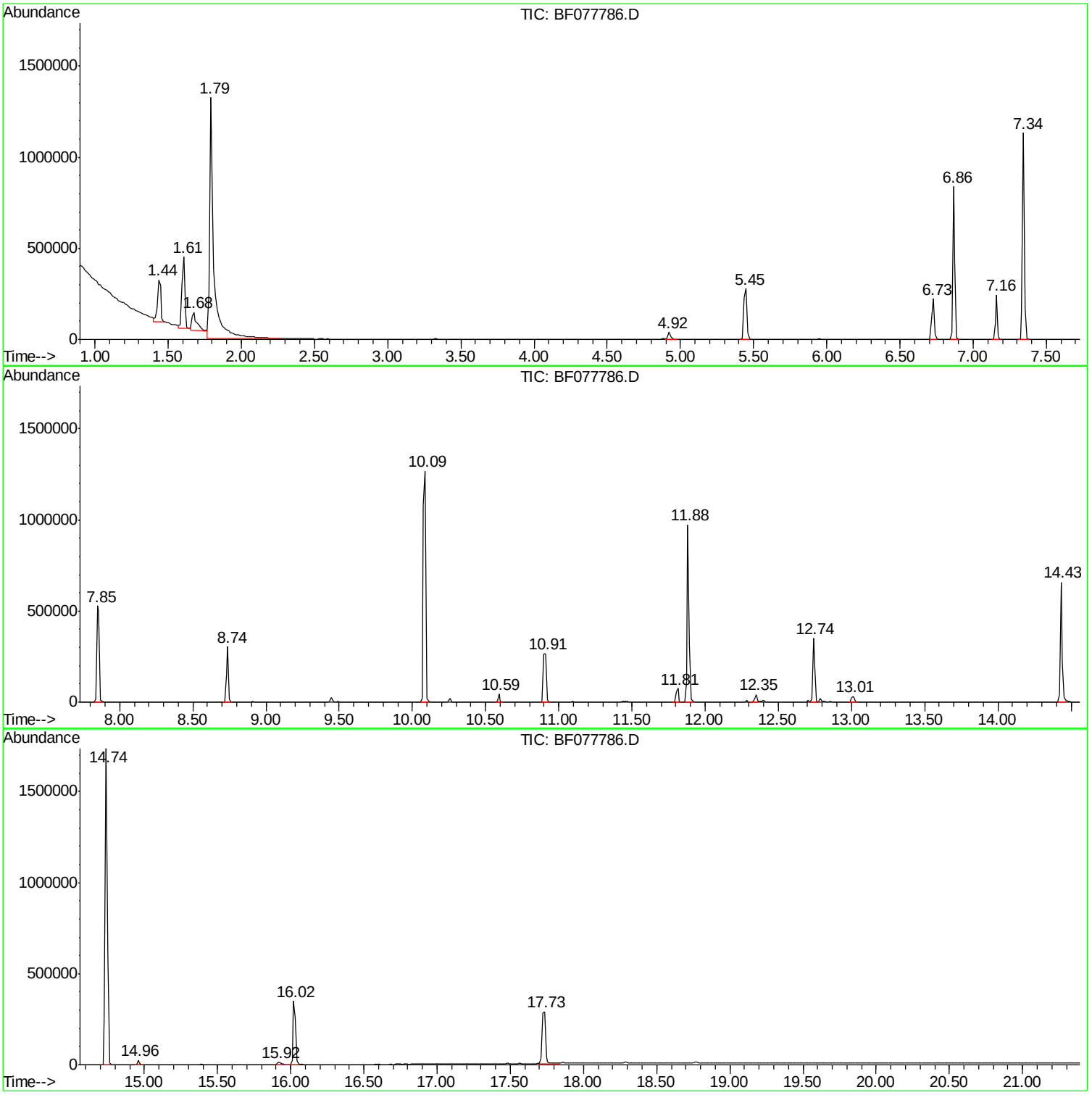
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-097-31615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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 F\DATA\BF031715\
Data File : BF077786.D
Acq On : 17 Mar 2015 22:09
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-097-31615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

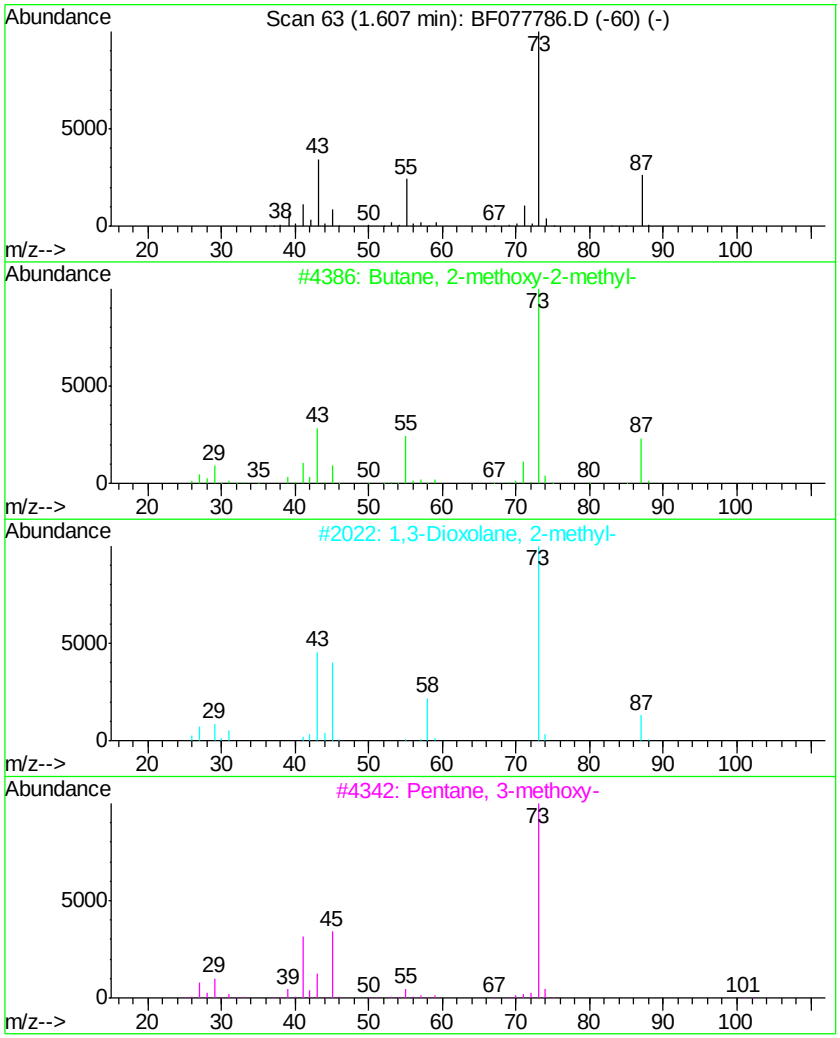
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

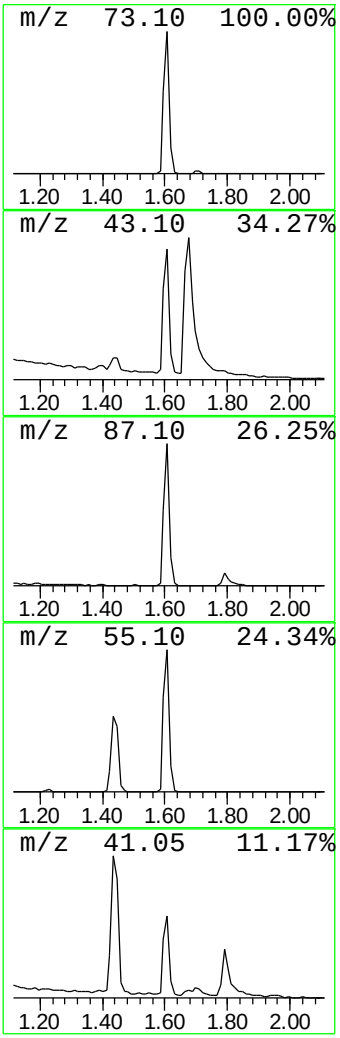
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.61	41.72 ng	505725	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077786.D
Acq On : 17 Mar 2015 22:09
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-097-31615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

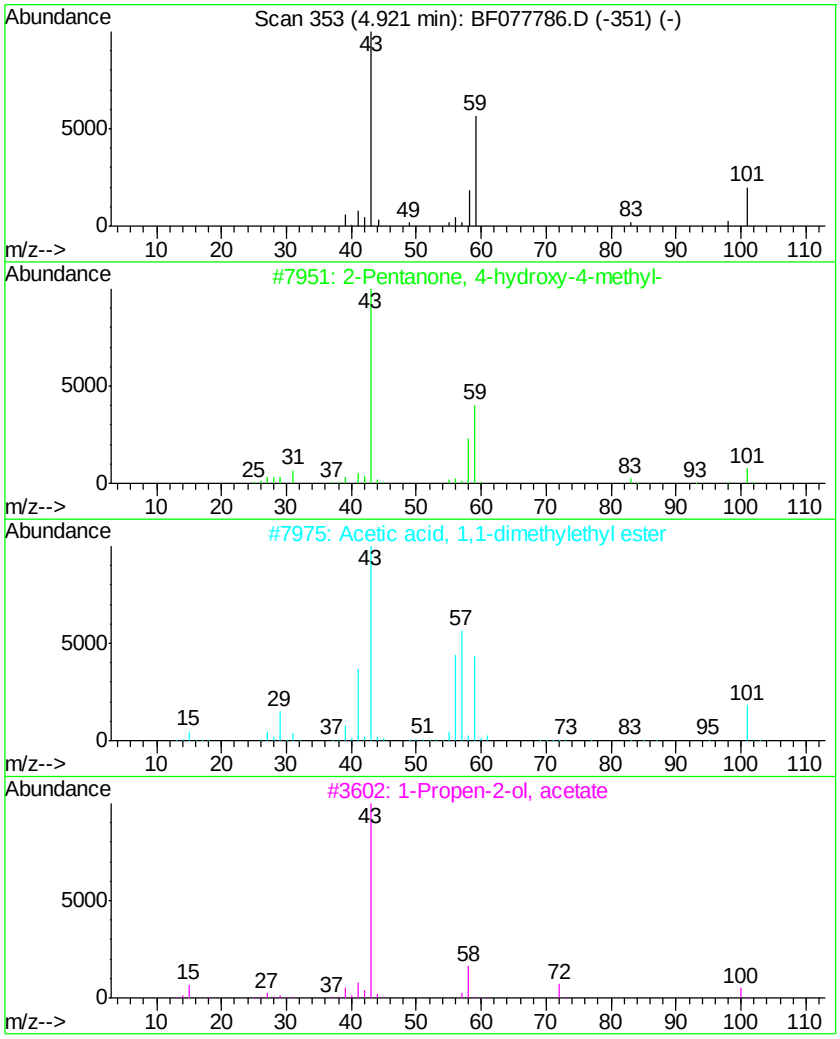
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

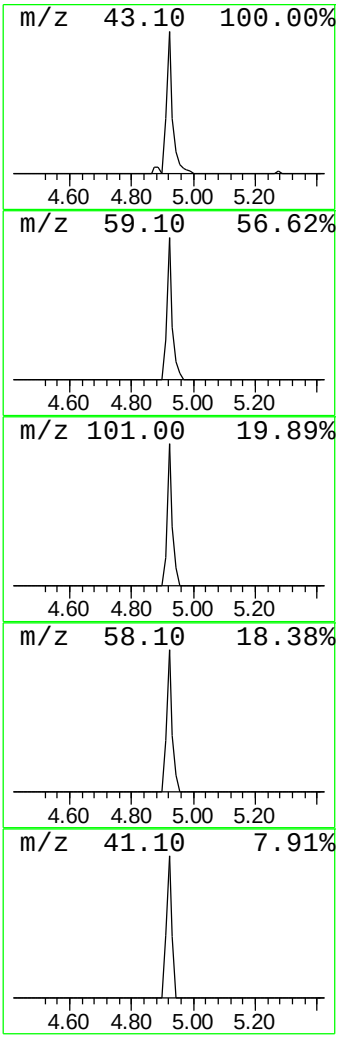
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	4.09 ng	49603	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	066241-43-8	9
5	Acetone	58	C3H6O	000067-64-1	7





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077786.D
Acq On : 17 Mar 2015 22:09
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-097-31615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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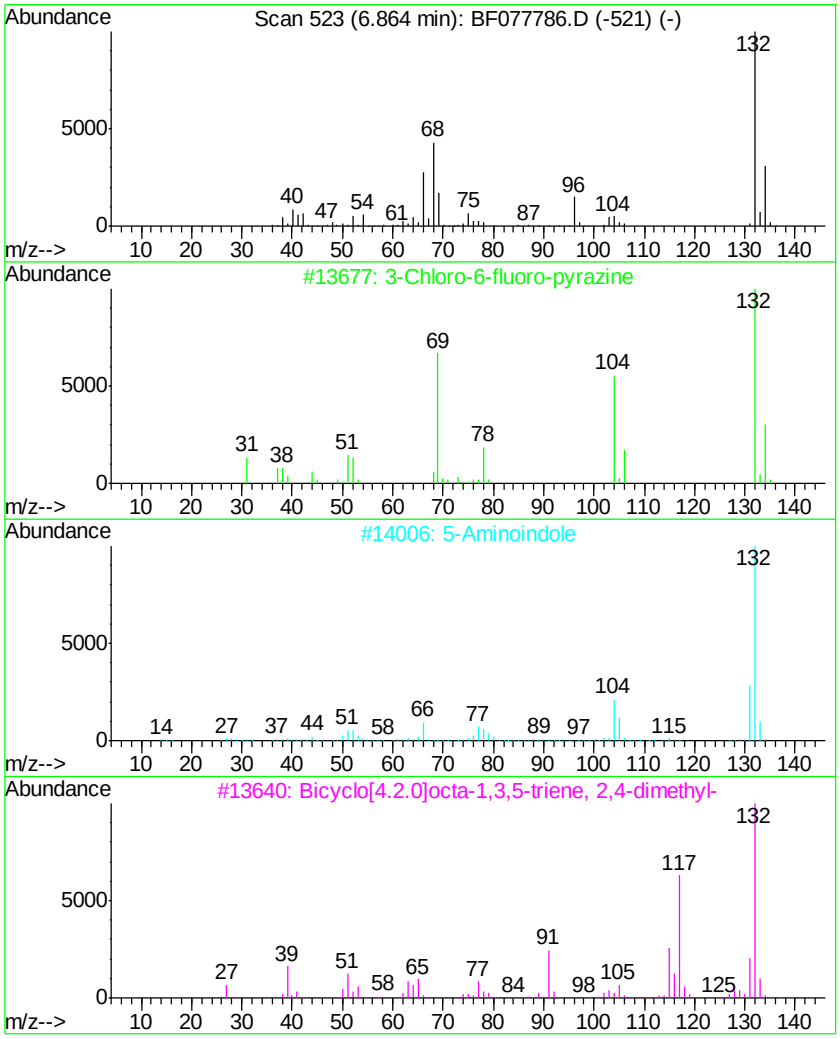
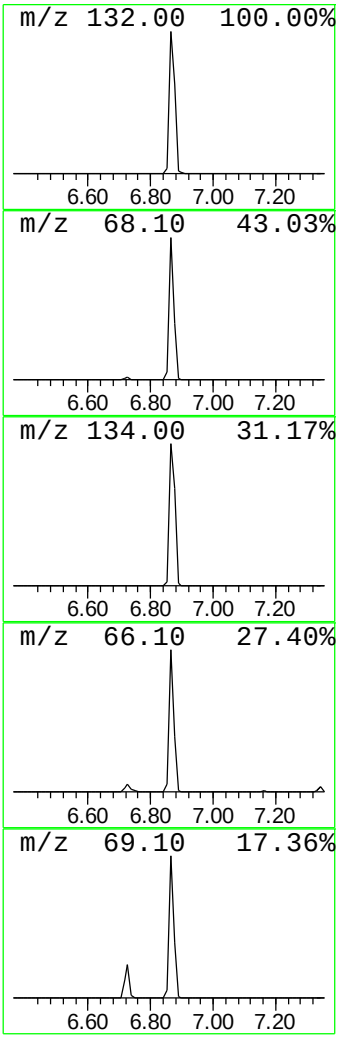
Peak Number 6 unknown6.86 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	74.27 ng	900257	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077786.D
Acq On : 17 Mar 2015 22:09
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-097-31615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

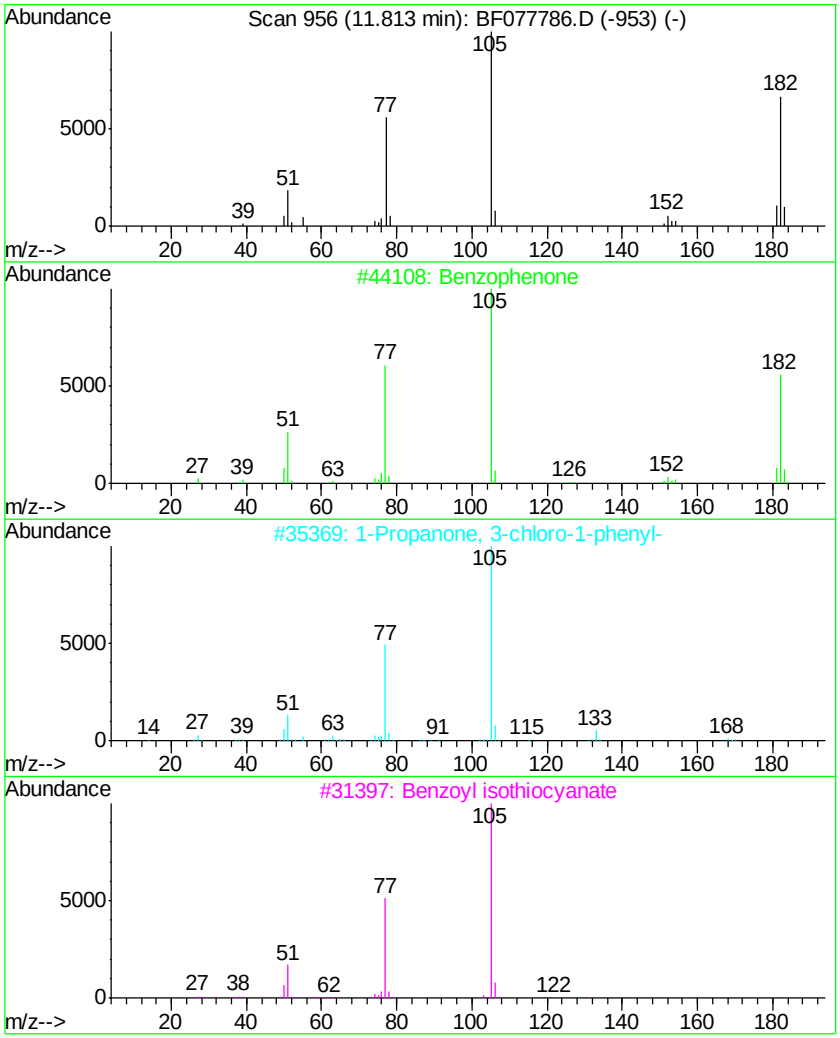
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

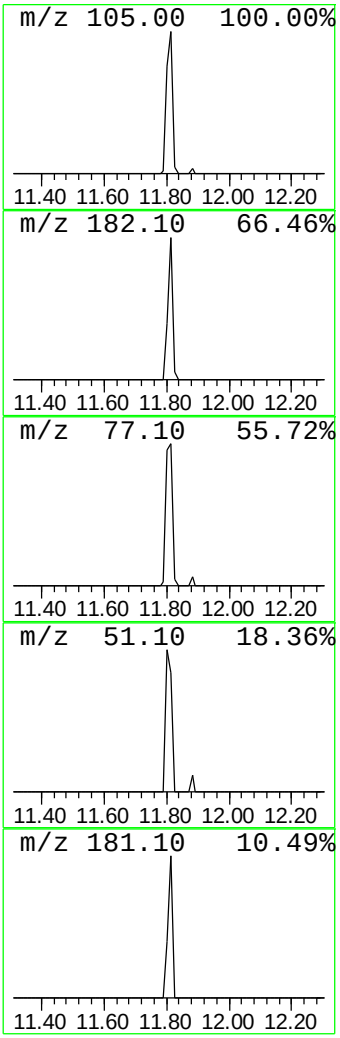
****

Peak Number 8 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	5.02 ng	93721	Acenaphthene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	43
3	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	43
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	43
5	Benzoic acid, 3,3,5-trimethyl-6-...	336	C21H20O4	1000277-63-9	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077786.D
Acq On : 17 Mar 2015 22:09
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-097-31615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

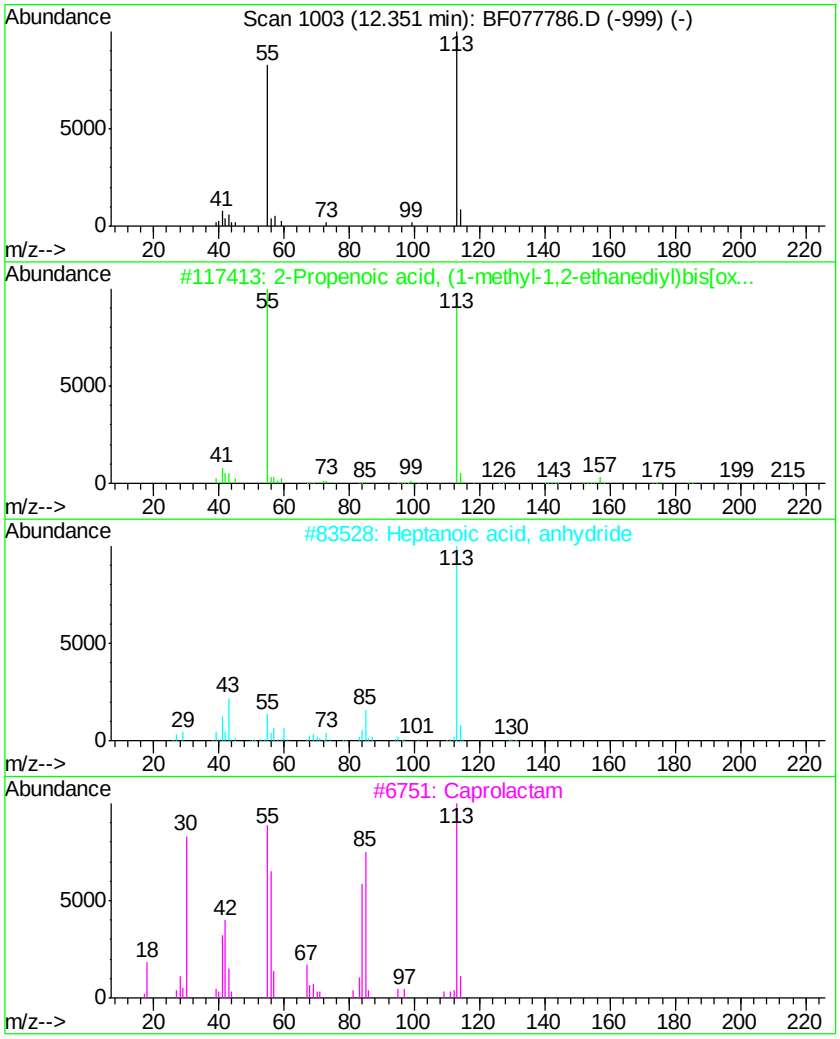
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

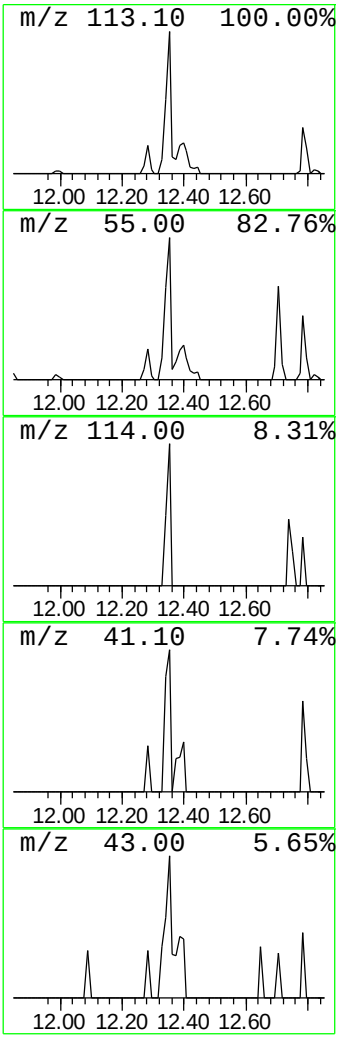
****

Peak Number 9 2-Propenoic acid, (1-methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.62 ng	51659	Phenanthrene-d10	12.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, (1-methyl-1,2-...	300	C15H24O6	042978-66-5	74
2	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	39
3	Caprolactam	113	C6H11NO	000105-60-2	9
4	1H-Imidazole, 4-nitro-	113	C3H3N3O2	003034-38-6	9
5	1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	9





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Sample : G1547-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-097-31615

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

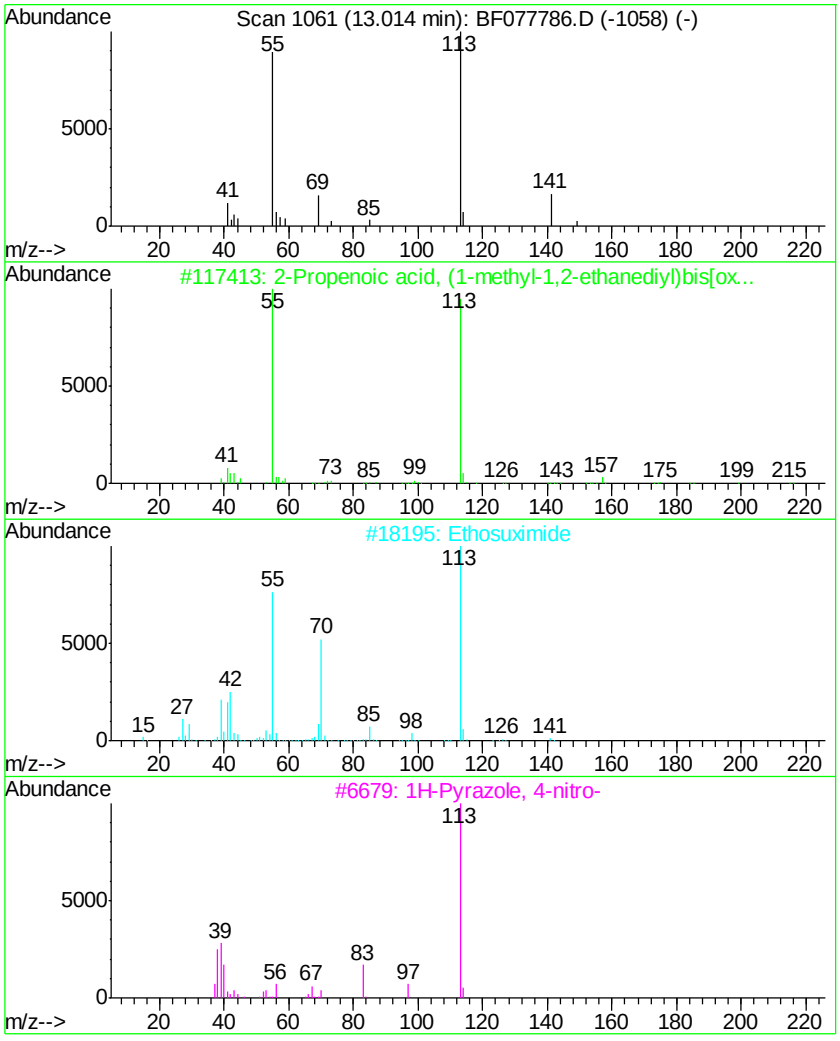
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

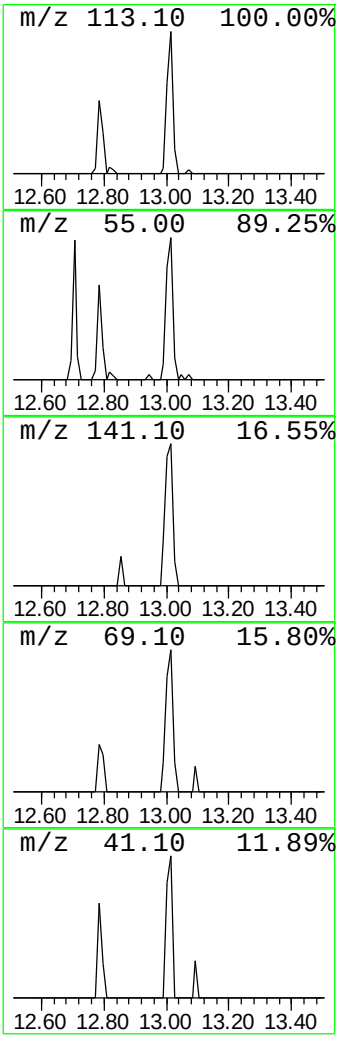
****

Peak Number 10 unknown13.01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	2.11 ng	41653	Phenanthrene-d10	12.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, (1-methyl-1,2-...	300	C15H24O6	042978-66-5	64
2	Ethosuximide	141	C7H11NO2	000077-67-8	39
3	1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	38
4	Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	9
5	1H-Imidazole, 4-nitro-	113	C3H3N3O2	003034-38-6	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
Data File : BF077786.D
Acq On : 17 Mar 2015 22:09
Operator : TP/IZ
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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...	1.61	41.7	ng	505725	1	7.16	242414	20.0
2-Pentanone, 4-hy...	4.92	4.1	ng	49603	1	7.16	242414	20.0
unknown6.86	6.86	74.3	ng	900257	1	7.16	242414	20.0
Benzophenone	11.81	5.0	ng	93721	3	10.90	373209	20.0
2-Propenoic acid,...	12.35	2.6	ng	51659	4	12.74	394960	20.0
unknown13.01	13.01	2.1	ng	41653	4	12.74	394960	20.0