LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077805.D
Acq On : 18 Mar 2015 19:41
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 17 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	219733	351977	20.08%	2.741%
2	1.607	60	63	67	rVB	342630	498199	28.43%	3.880%
3	1.675	67	69	77	rVV	61266	154409	8.81%	1.203%
4	1.790	77	79	113	rVB	750098	1474398	84.13%	11.483%
5	4.921	351	353	361	rVB	35697	51438	2.94%	0.401%
6	5.436	396	398	401	rBV	277652	362726	20.70%	2.825%
7	6.727	509	511	513	rBV	177668	240765	13.74%	1.875%
8	6.864	521	523	526	rBV	861948	861386	49.15%	6.709%
9	7.162	547	549	551	rBV	233667	235703	13.45%	1.836%
10	7.344	562	565	568	rBV	1125564	997281	56.90%	7.767%
11	7.847	607	609	612	rBV	562593	720956	41.14%	5.615%
12	8.739	684	687	689	rBV	291498	315671	18.01%	2.459%
13	9.448	747	749	751	rBB	24717	22770	1.30%	0.177%
14	10.088	802	805	807	rBV	1291938	1615133	92.16%	12.579%
15	10.591	846	849	851	rBV	43587	37705	2.15%	0.294%
16	10.899	874	876	879	rBV	272131	364846	20.82%	2.842%
17	11.802	953	955	958	rBV	66562	91152	5.20%	0.710%
18	11.882	960	962	965	rBV	820408	788854	45.01%	6.144%
19	12.351	1000	1003	1004	rBV	36759	45324	2.59%	0.353%
20	12.739	1035	1037	1040	rBV	349629	386758	22.07%	3.012%
21	12.785	1040	1041	1045	rVB	15906	18314	1.04%	0.143%
22	13.014	1058	1061	1063	rBB	28544	37507	2.14%	0.292%
23	14.431	1183	1185	1188	rBV	552441	527990	30.13%	4.112%
24	14.739	1209	1212	1215	rBV	1757522	1752568	100.00%	13.650%
25	14.957	1229	1231	1237	rVB	47004	48571	2.77%	0.378%
26	16.031	1323	1325	1328	rBV	333598	424968	24.25%	3.310%
27	17.826	1479	1482	1488	rBV	269723	412329	23.53%	3.211%

Sum of corrected areas: 12839698

LSC Report - Integrated Chromatogram

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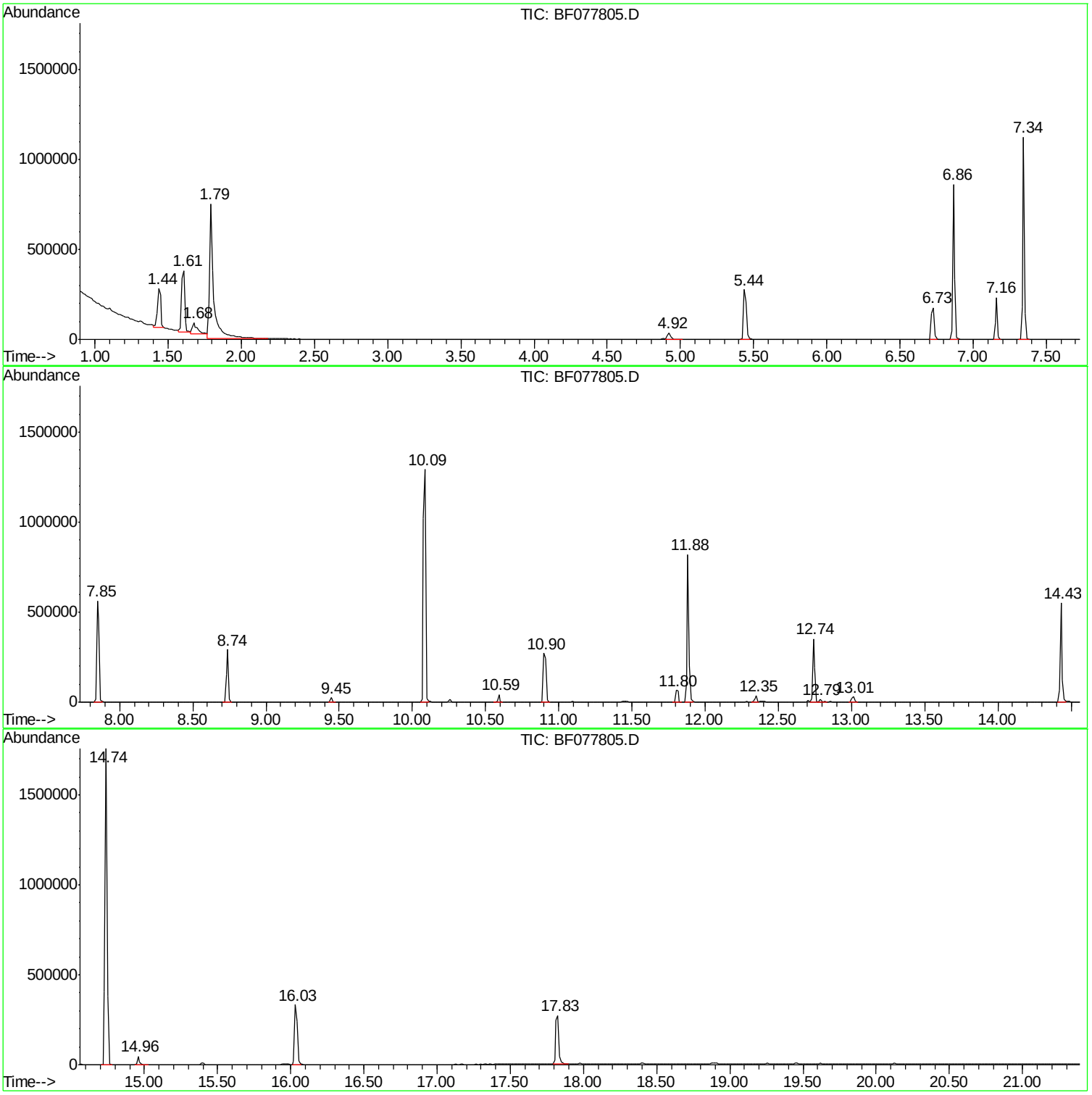
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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\BF031815\
Data File : BF077805.D
Acq On : 18 Mar 2015 19:41
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 17 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

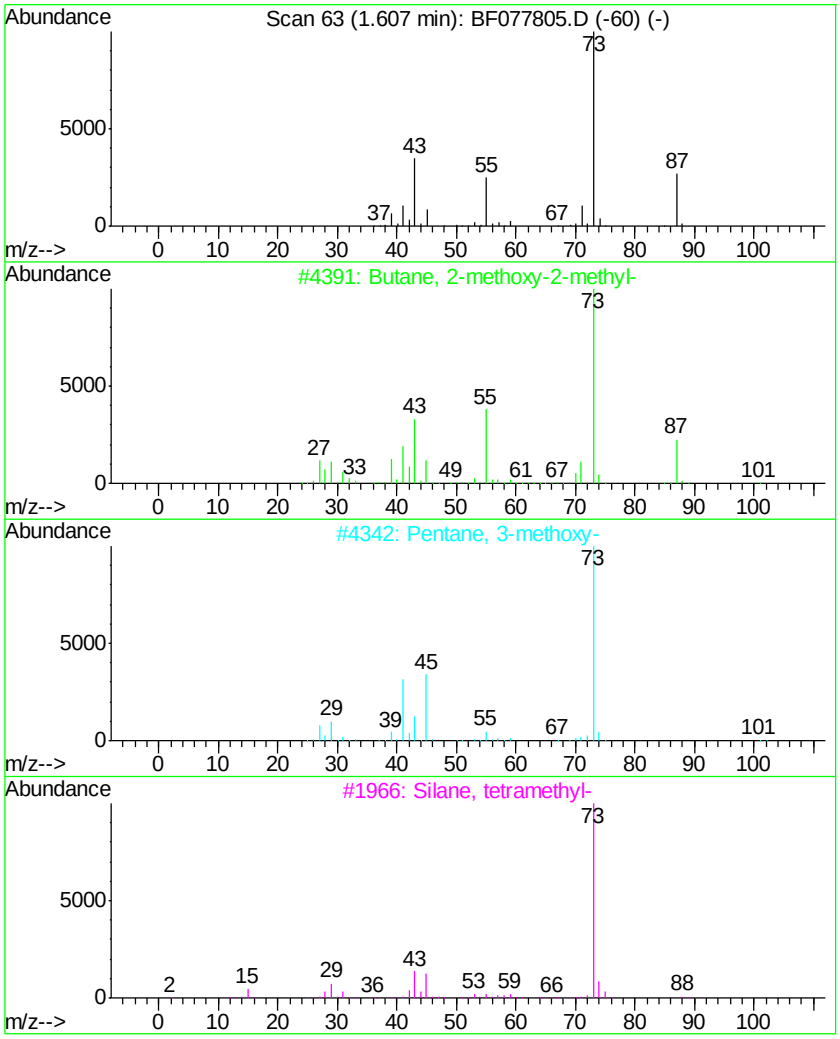
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

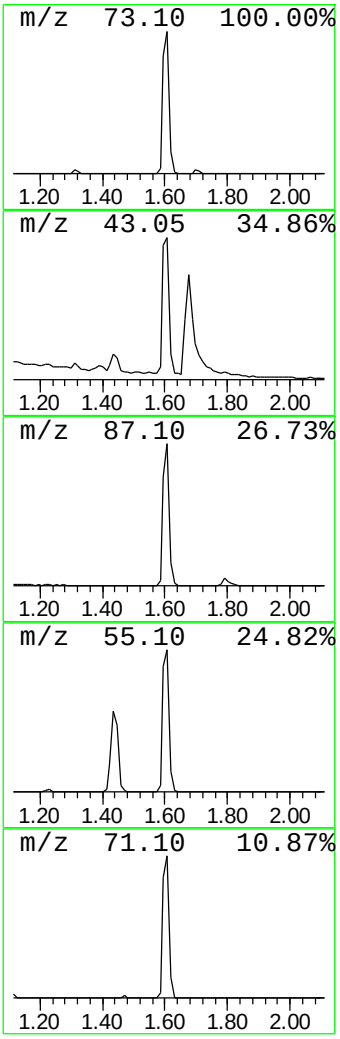
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.61	42.27 ng	498199	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	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077805.D
Acq On : 18 Mar 2015 19:41
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 17 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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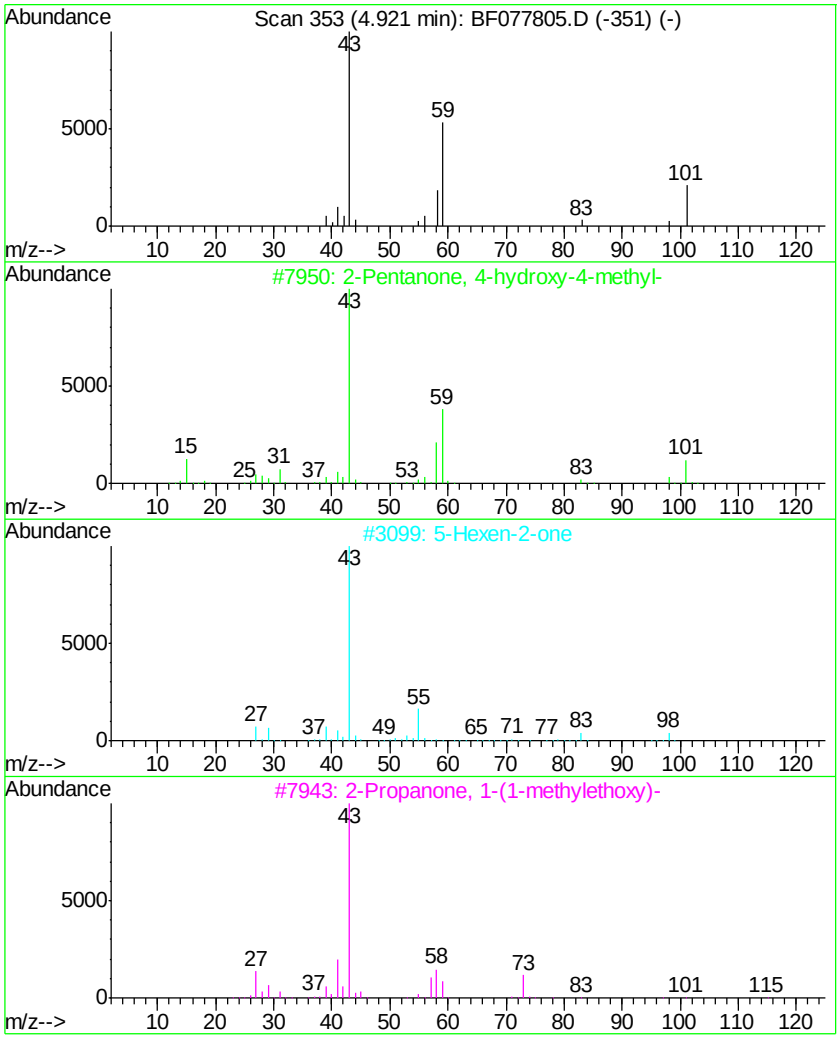
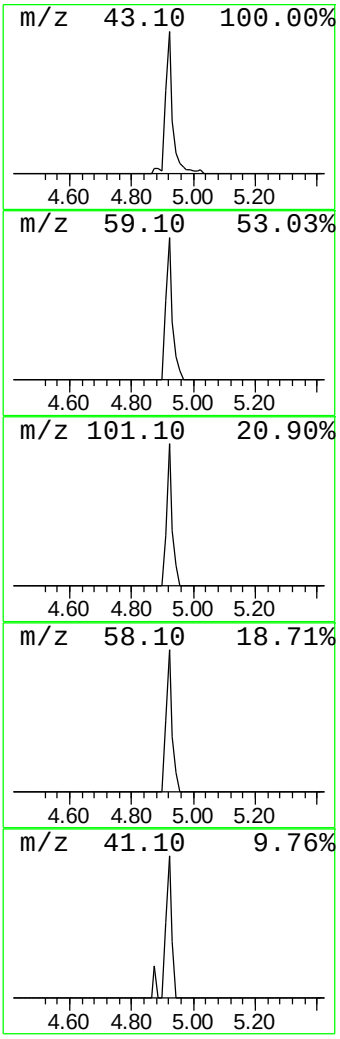
Peak Number 5 unknown4.92 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	4.36 ng	51438	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	42
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	Acetone	58	C3H6O	000067-64-1	7





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077805.D
Acq On : 18 Mar 2015 19:41
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 17 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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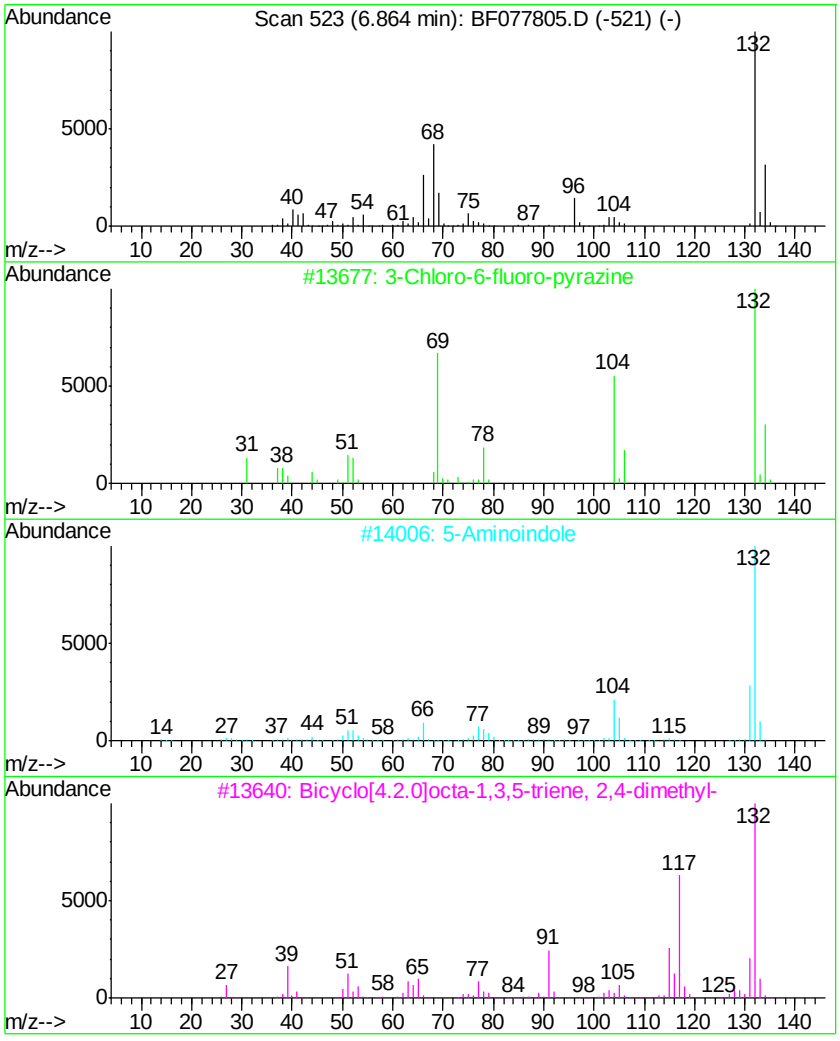
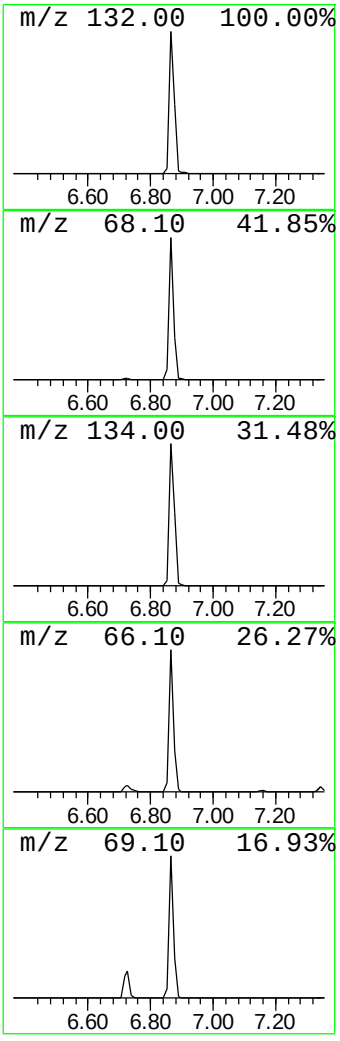
Peak Number 6 unknown6.86 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	73.09 ng	861386	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	27
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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077805.D
Acq On : 18 Mar 2015 19:41
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 17 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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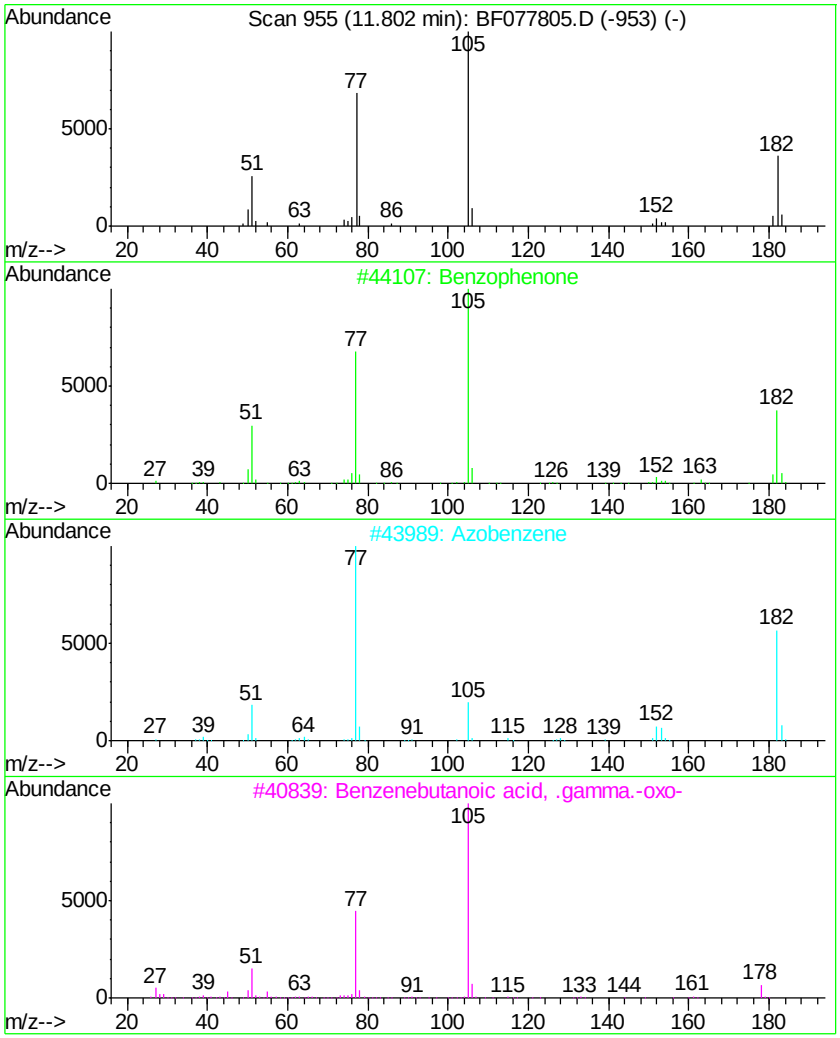
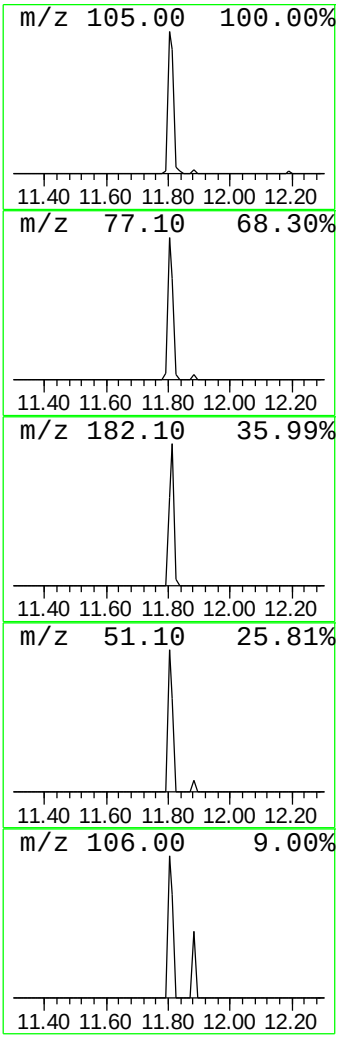
Peak Number 8 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.00 ng	91152	Acenaphthene-d10	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	53
4	4,5-Diphenyloxazolin-2(3H)-one	237	C15H11NO2	005014-83-5	53
5	Ethanone, 2,2,2-trifluoro-1-phenyl-	174	C8H5F3O	000434-45-7	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077805.D
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Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 17 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

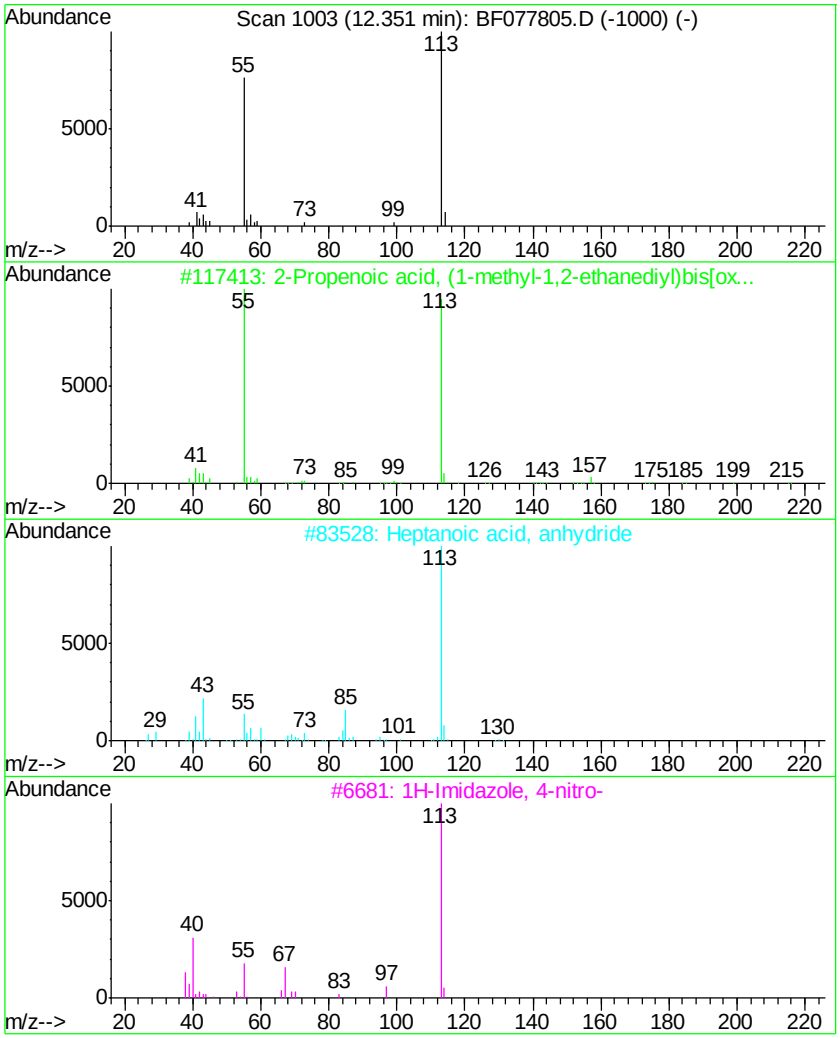
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

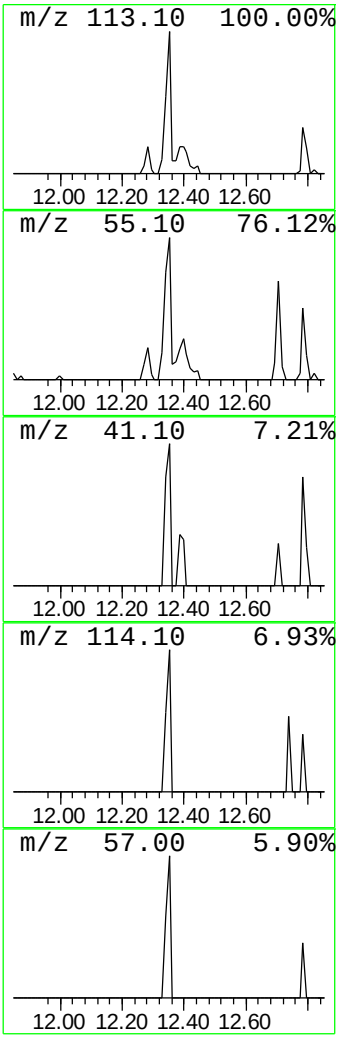
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.34 ng	45324	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	83
2	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	38
3	1H-Imidazole, 4-nitro-	113	C3H3N3O2	003034-38-6	9
4	1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	9
5	Piperidine-2,5-dione	113	C5H7NO2	052065-78-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077805.D
Acq On : 18 Mar 2015 19:41
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 17 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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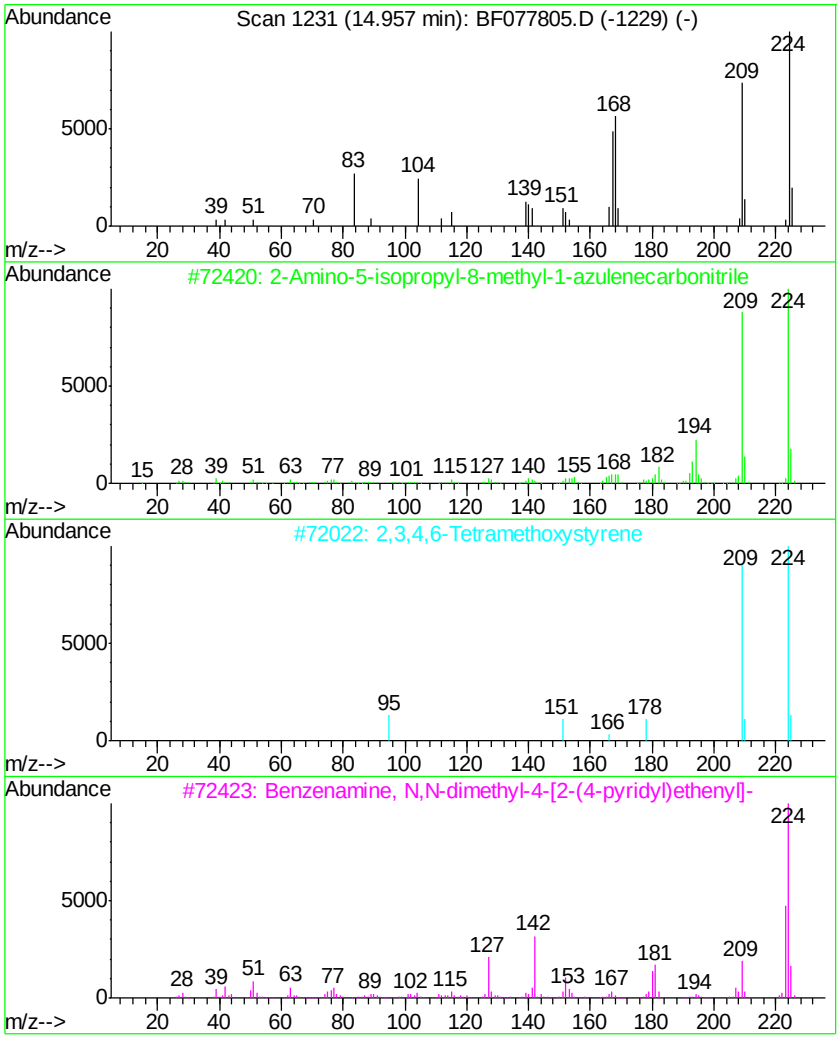
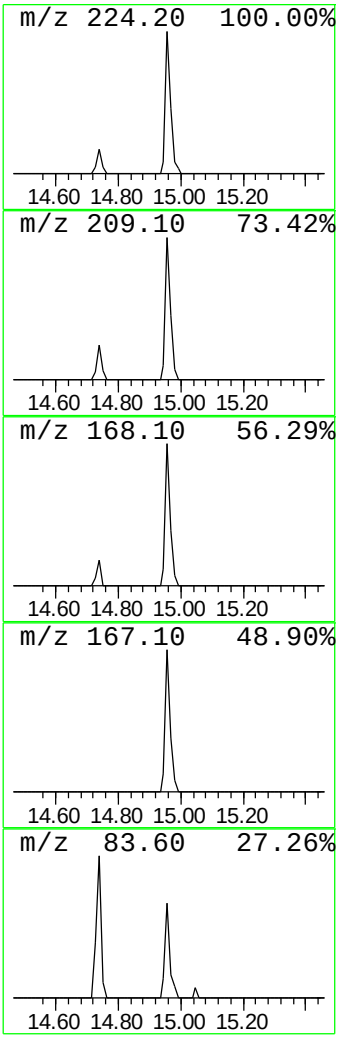
Peak Number 10 2-Amino-5-isopropyl-8-methy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.29 ng	48571	Chrysene-d12	16.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-5-isopropyl-8-methyl-1-a...	224	C15H16N2	093946-48-6	52
2	2,3,4,6-Tetramethoxystyrene	224	C12H16O4	048153-74-8	43
3	Benzenamine, N,N-dimethyl-4-[2-(...	224	C15H16N2	000889-36-1	30
4	3-(3-Indolyl)-5-oxo-3-pyrazoline...	224	C12H8N4O	1000240-73-4	27
5	9,10-Anthracenedione, 1-hydroxy-	224	C14H8O3	000129-43-1	27





Tentatively Identified Compound (LSC) summary

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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	42.3	ng	498199	1	7.16	235703	20.0
unknown4.92	4.92	4.4	ng	51438	1	7.16	235703	20.0
unknown6.86	6.86	73.1	ng	861386	1	7.16	235703	20.0
Benzophenone	11.80	5.0	ng	91152	3	10.90	364846	20.0
2-Propenoic acid,...	12.35	2.3	ng	45324	4	12.74	386758	20.0
2-Amino-5-isoprop...	14.96	2.3	ng	48571	5	16.03	424968	20.0