LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078102.D
Acq On : 31 Mar 2015 4:09
Operator : TP/IZ
Sample : G1654-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-3-24-15

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	1.333	36	39	42	rVB	191863	266664	14.58%	2.558%
2	1.481	50	52	55	rBV	270186	325326	17.79%	3.120%
3	1.733	72	74	87	rVB	49399	71168	3.89%	0.683%
4	4.796	340	342	350	rVB	25094	36055	1.97%	0.346%
5	5.345	387	390	399	rBV	375518	409536	22.39%	3.928%
6	6.648	502	504	513	rBV	247450	240347	13.14%	2.305%
7	6.773	513	515	518	rBV	954588	891585	48.75%	8.552%
8	7.059	538	540	543	rBV	245768	223508	12.22%	2.144%
9	7.242	554	556	559	rBV	804121	892773	48.81%	8.563%
10	7.756	599	601	604	rBV	752988	674827	36.89%	6.473%
11	8.636	676	678	684	rBB	354164	313555	17.14%	3.008%
12	9.985	794	796	798	rBV	1791391	1527493	83.51%	14.651%
13	10.214	814	816	818	rBB	26581	36099	1.97%	0.346%
14	10.808	865	868	870	rBV	310469	350256	19.15%	3.360%
15	10.842	870	871	874	rVB2	16461	22070	1.21%	0.212%
16	11.608	935	938	940	rBB	135813	165055	9.02%	1.583%
17	11.779	951	953	956	rBV2	603326	830149	45.39%	7.962%
18	12.637	1026	1028	1031	rBV	296072	381612	20.86%	3.660%
19	14.637	1201	1203	1206	rBV	1330469	1829072	100.00%	17.544%
20	15.917	1313	1315	1318	rBV	397504	428626	23.43%	4.111%
21	17.609	1461	1463	1466	rBV	279618	420813	23.01%	4.036%
22	18.740	1555	1562	1570	rVB	22835	89167	4.87%	0.855%

Sum of corrected areas: 10425756

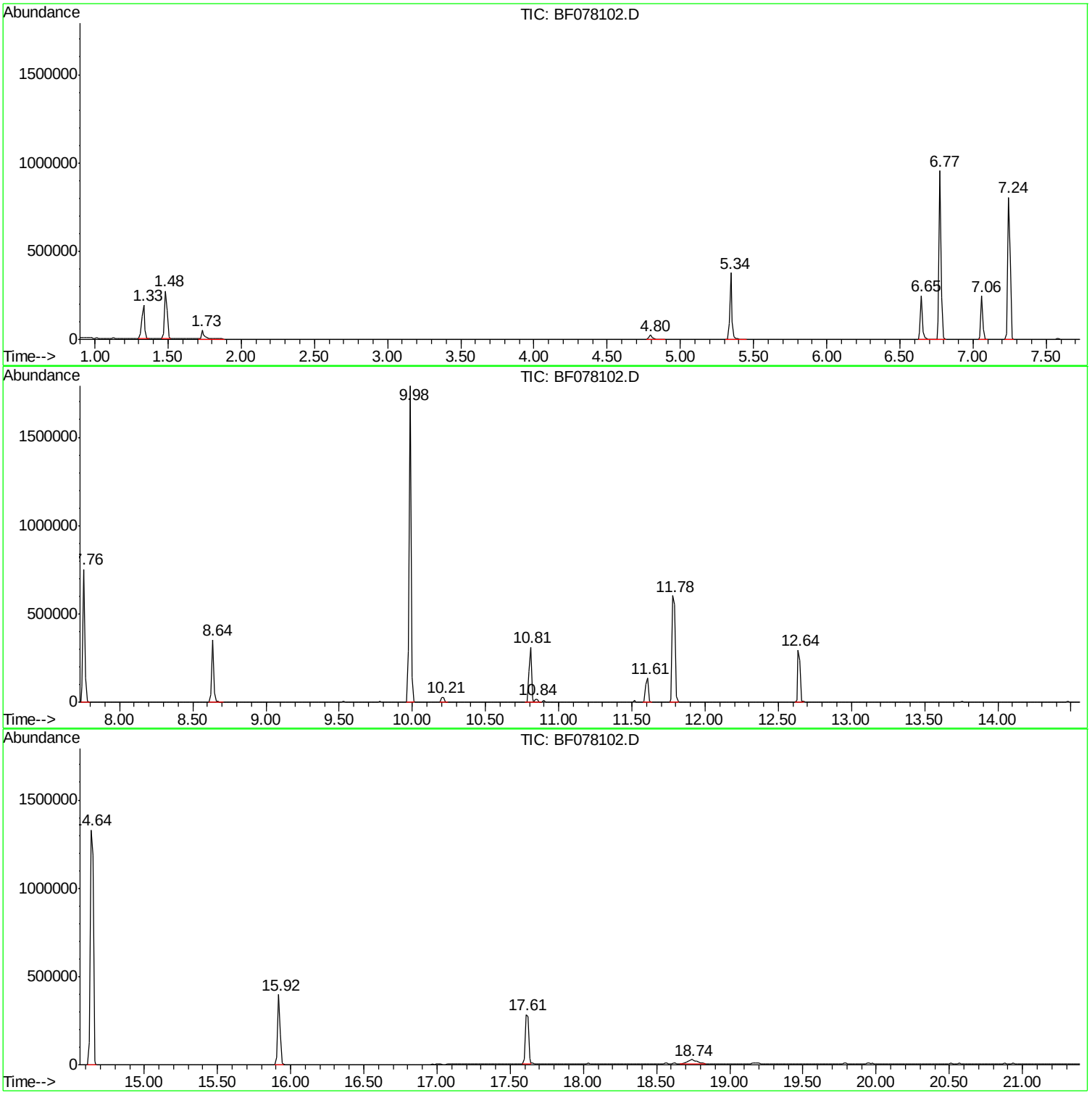
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078102.D
Acq On : 31 Mar 2015 4:09
Operator : TP/IZ
Sample : G1654-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-3-24-15

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\BF033015\
Data File : BF078102.D
Acq On : 31 Mar 2015 4:09
Operator : TP/IZ
Sample : G1654-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-3-24-15

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

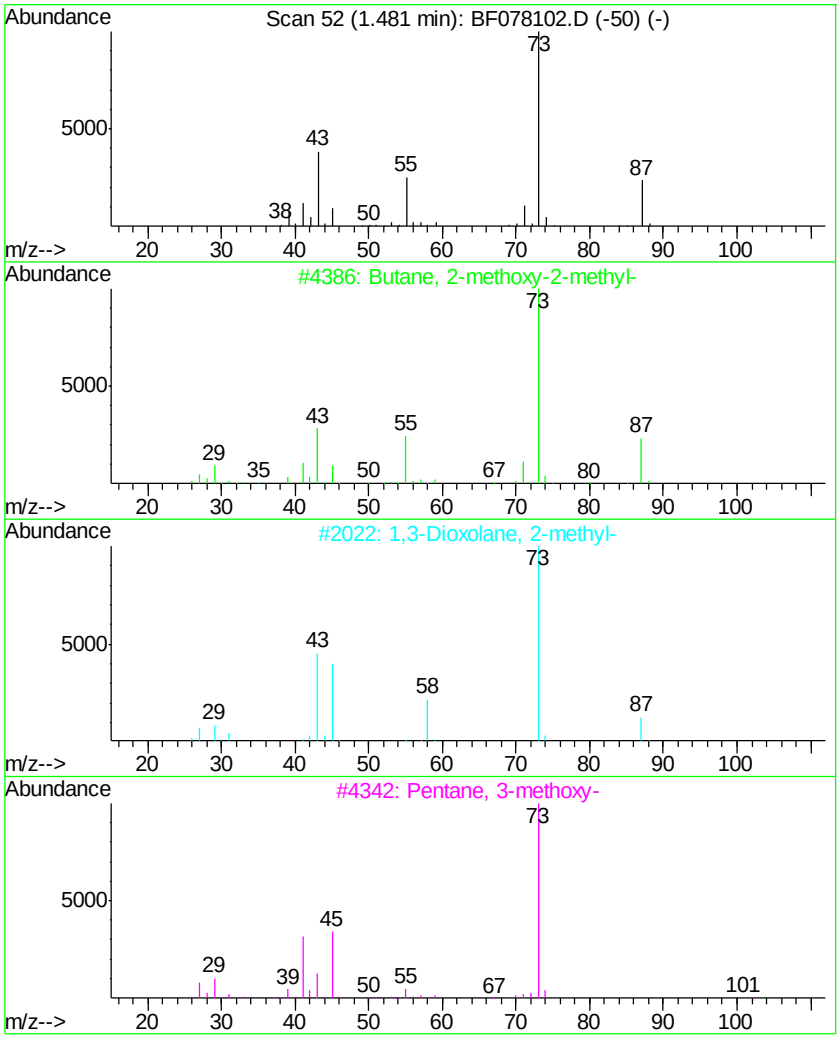
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

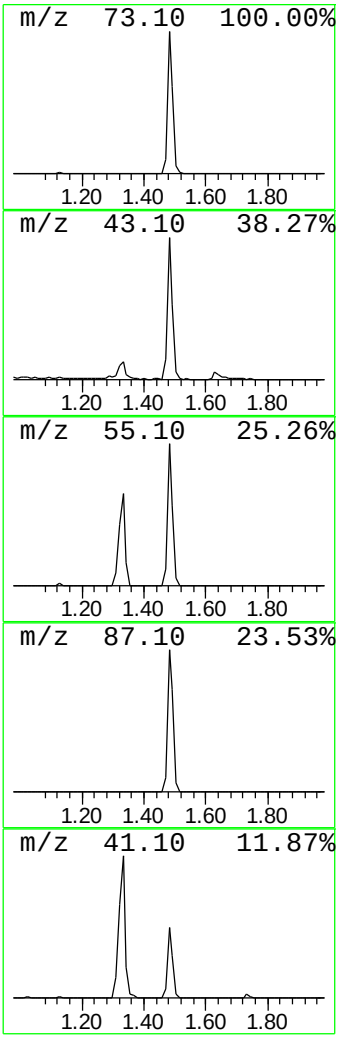
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	29.11 ng	325326	1,4-Dichlorobenzene-d4	7.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078102.D
Acq On : 31 Mar 2015 4:09
Operator : TP/IZ
Sample : G1654-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-3-24-15

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

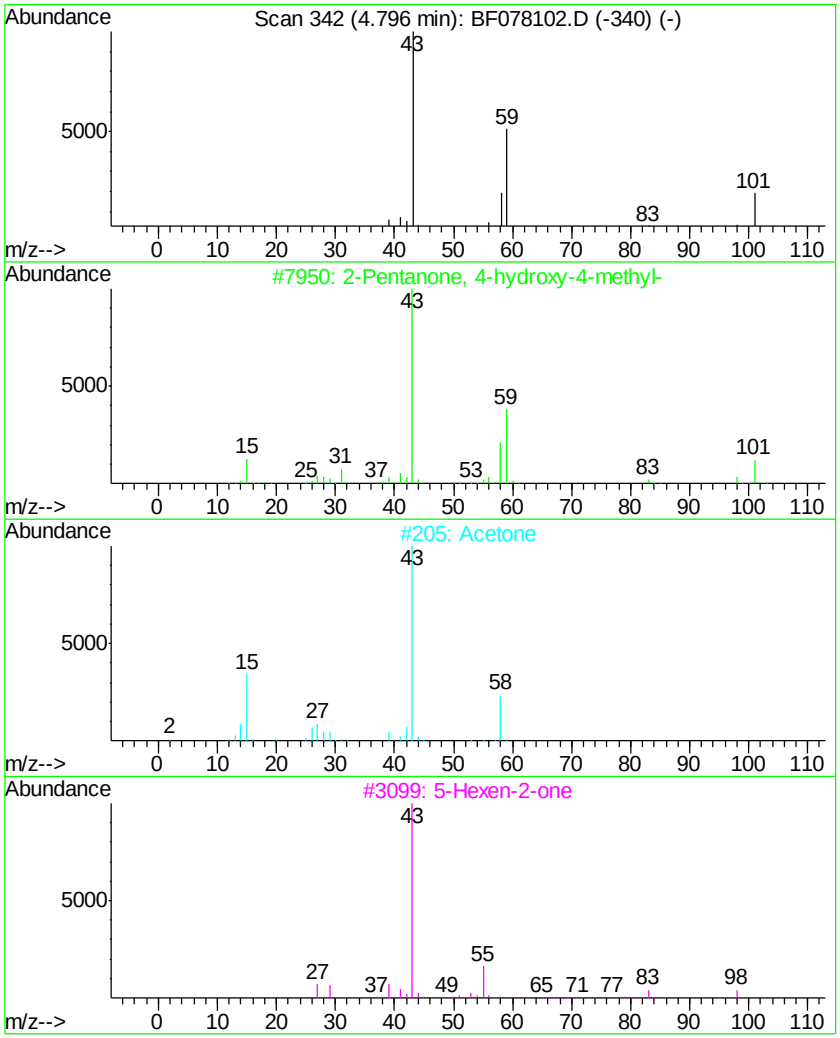
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

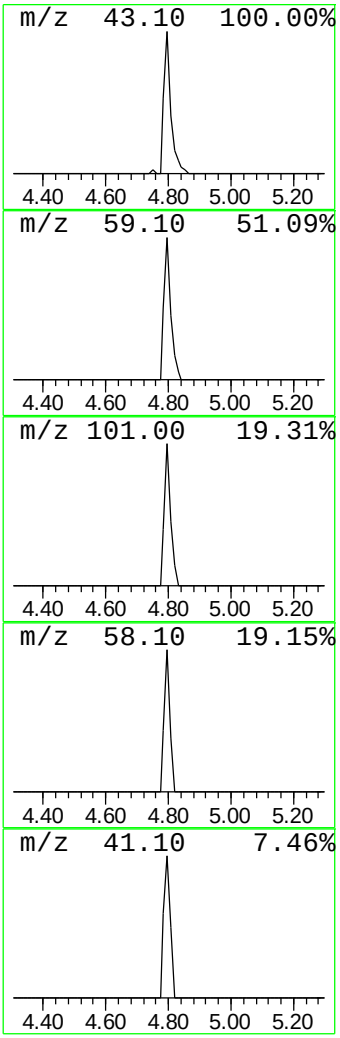
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	3.23 ng	36055	1,4-Dichlorobenzene-d4	7.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	Acetone	58	C3H6O	000067-64-1	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078102.D
Acq On : 31 Mar 2015 4:09
Operator : TP/IZ
Sample : G1654-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-3-24-15

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

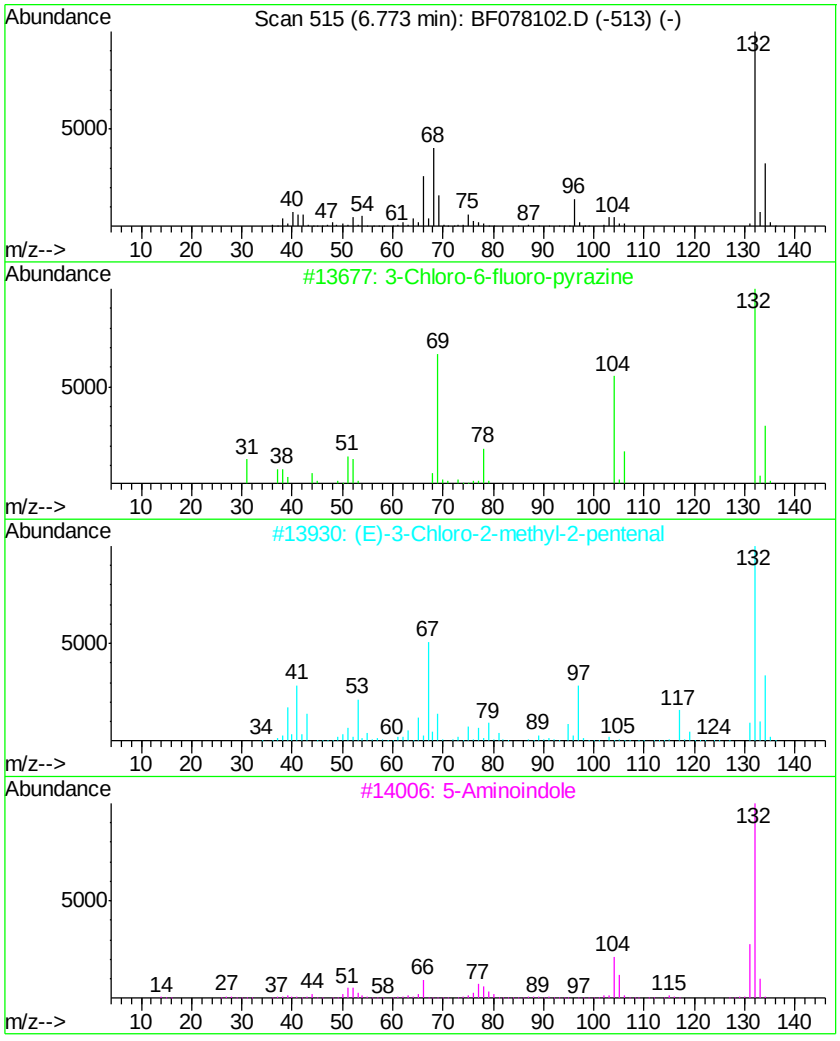
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

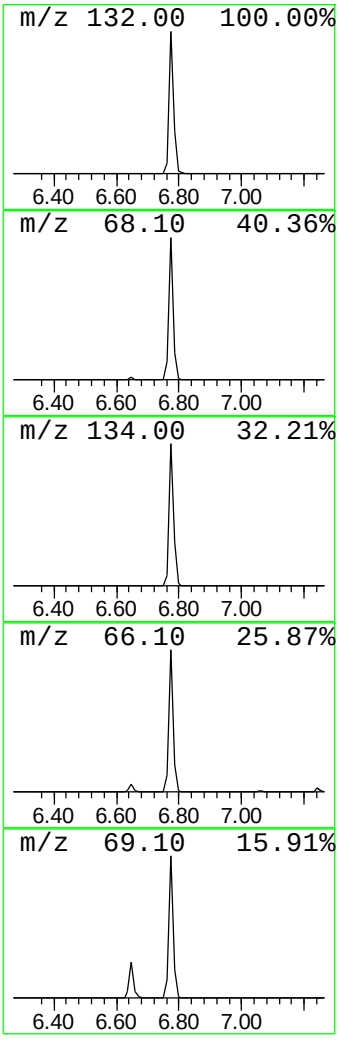
****

Peak Number 5 unknown6.77 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	79.78 ng	891585	1,4-Dichlorobenzene-d4	7.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078102.D
Acq On : 31 Mar 2015 4:09
Operator : TP/IZ
Sample : G1654-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-3-24-15

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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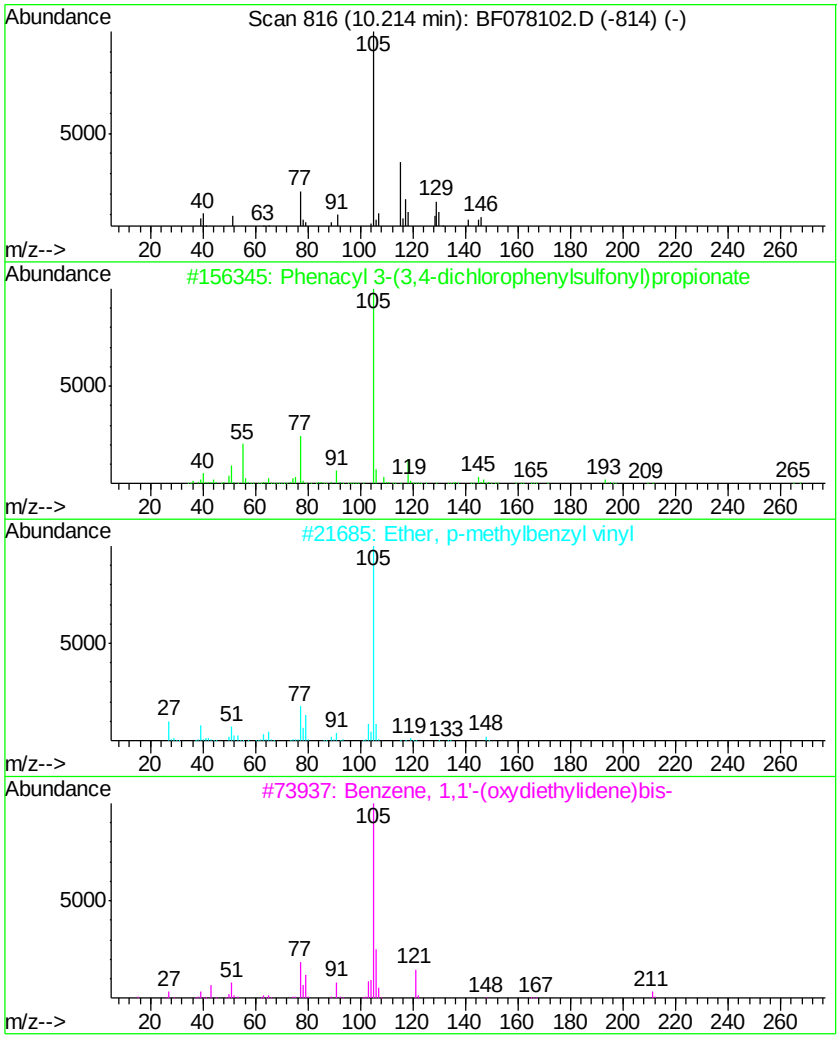
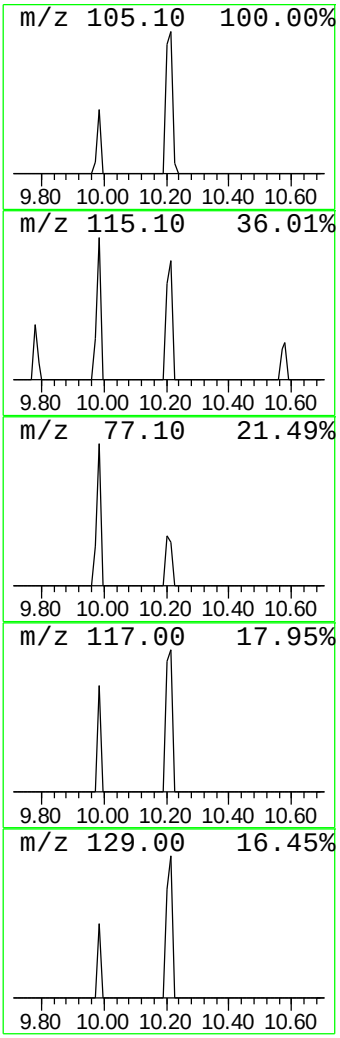
Peak Number 7 unknown10.21 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	2.06 ng	36099	Acenaphthene-d10	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenacyl 3-(3,4-dichlorophenylsu...	400	C17H14Cl2O5S	1000225-01-1	16
2	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	14
3	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	12
4	3,4-Dimethylbenzyl cyanide	145	C10H11N	003020-06-2	12
5	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078102.D
Acq On : 31 Mar 2015 4:09
Operator : TP/IZ
Sample : G1654-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-3-24-15

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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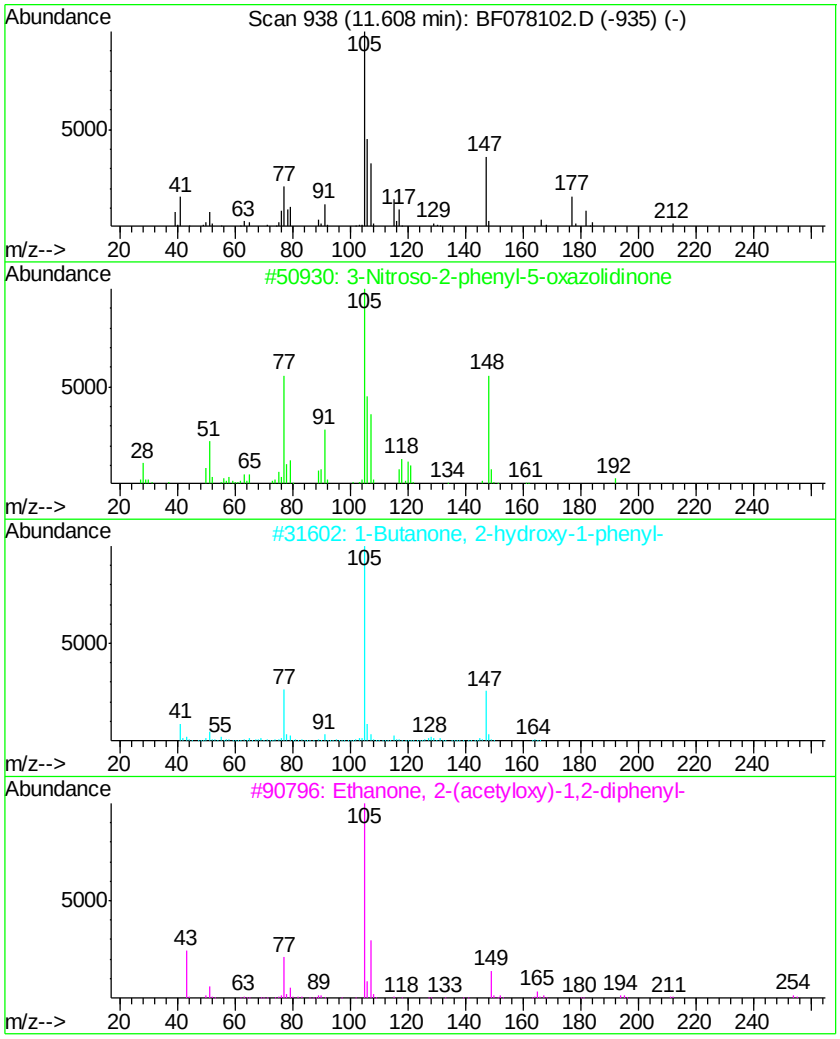
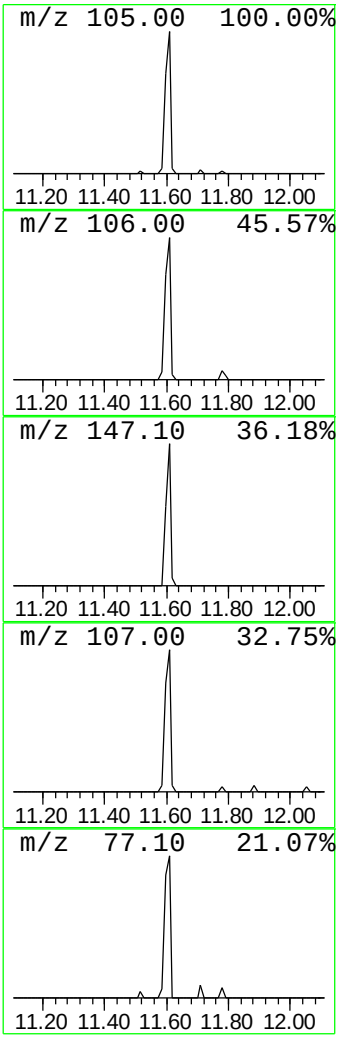
Peak Number 8 unknown11.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	9.42 ng	165055	Acenaphthene-d10	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nitroso-2-phenyl-5-oxazolidinone	192	C9H8N2O3	074471-73-1	38
2	1-Butanone, 2-hydroxy-1-phenyl-	164	C10H12O2	016183-46-3	25
3	Ethanone, 2-(acetyloxy)-1,2-diph...	254	C16H14O3	000574-06-1	16
4	(1H)Pyrrole-3-carbonitrile, 2-me...	106	C6H6N2	026187-27-9	16
5	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	16





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Data File : BF078102.D
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Operator : TP/IZ
Sample : G1654-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9-3-24-15

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

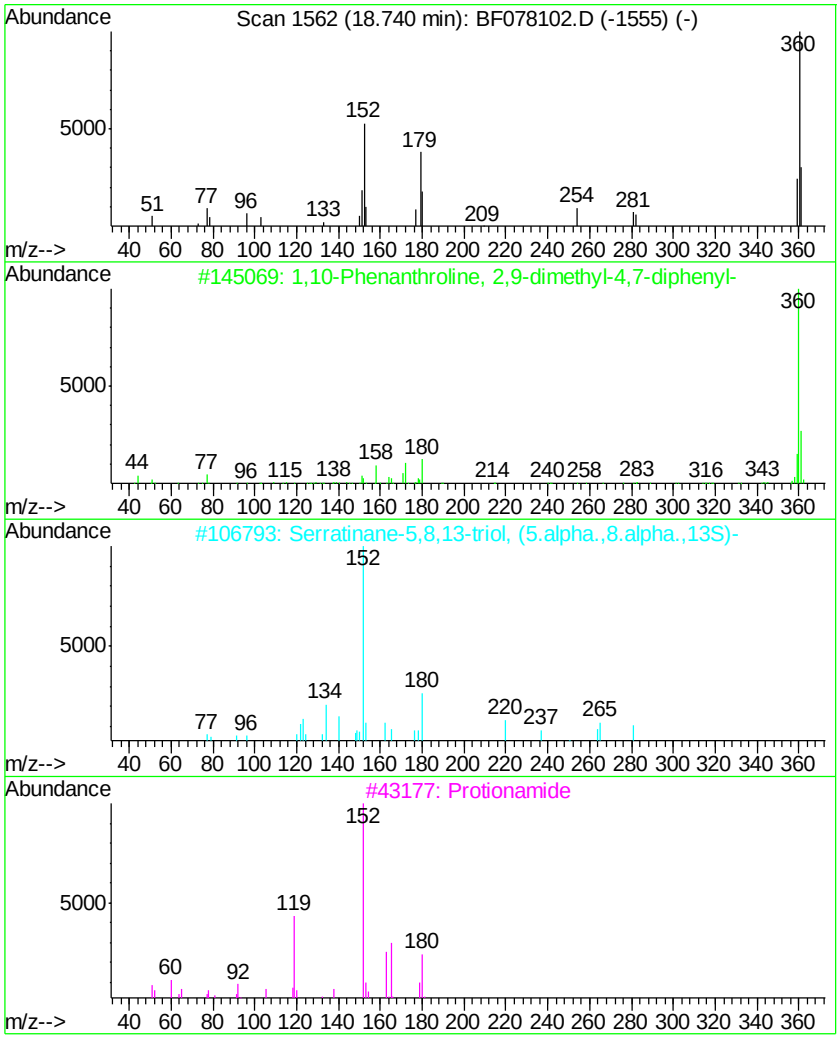
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

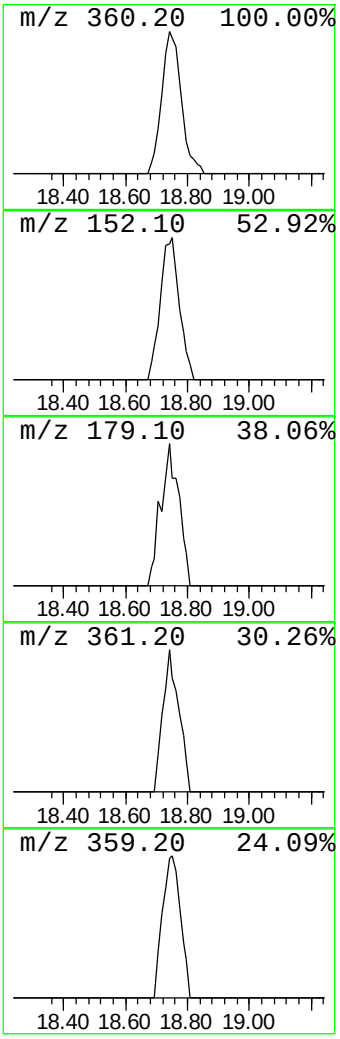
****

Peak Number 9 unknown18.74 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	4.24 ng	89167	Perylene-d12	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	32
2	Serratinane-5,8,13-triol, (5.alp...	281	C16H27NO3	005532-22-9	10
3	Protionamide	180	C9H12N2S	014222-60-7	9
4	Biphenylene	152	C12H8	000259-79-0	9
5	1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078102.D
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Operator : TP/IZ
Sample : G1654-06
Misc :
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Instrument : BNA_F
ClientSampleId : MW-9-3-24-15

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...	1.48	29.1	ng	325326	1	7.06	223508	20.0
2-Pentanone, 4-hy...	4.80	3.2	ng	36055	1	7.06	223508	20.0
unknown6.77	6.77	79.8	ng	891585	1	7.06	223508	20.0
unknown10.21	10.21	2.1	ng	36099	3	10.81	350256	20.0
unknown11.61	11.61	9.4	ng	165055	3	10.81	350256	20.0
unknown18.74	18.74	4.2	ng	89167	6	17.62	420813	20.0