LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077476.D
Acq On : 26 Feb 2015 20:28
Operator : TP/IZ
Sample : G1358-06
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-02232015

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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	1.561	56	59	62	rVB	341456	479028	14.78%	2.400%
2	1.733	71	74	77	rBV	297658	350143	10.80%	1.754%
3	1.847	82	84	95	rVB	93534	176894	5.46%	0.886%
4	5.047	362	364	369	rVB	114756	126310	3.90%	0.633%
5	5.550	406	408	411	rBV	582273	720069	22.22%	3.608%
6	6.819	517	519	521	rBV	529049	441860	13.63%	2.214%
7	6.979	530	533	535	rBV	1412316	1510956	46.62%	7.571%
8	7.265	556	558	560	rBV	540987	509621	15.72%	2.553%
9	7.459	572	575	577	rBV	1104728	1463954	45.17%	7.335%
10	7.962	616	619	621	rBV	946292	1146800	35.39%	5.746%
11	8.842	694	696	699	rVB	824076	712794	21.99%	3.571%
12	9.425	745	747	749	rVB	52844	46562	1.44%	0.233%
13	10.191	811	814	816	rBV	2893024	2514002	77.57%	12.597%
14	10.408	831	833	836	rBV	155075	183128	5.65%	0.918%
15	11.014	884	886	888	rBV2	766706	836807	25.82%	4.193%
16	11.059	888	890	892	rVB	109769	113859	3.51%	0.570%
17	11.105	892	894	896	rBV	86636	72538	2.24%	0.363%
18	11.734	946	949	950	rVB2	72339	83311	2.57%	0.417%
19	11.814	953	956	958	rBV	597887	602763	18.60%	3.020%
20	11.997	969	972	975	rBV	1571043	1521773	46.96%	7.625%
21	12.865	1045	1048	1050	rBV	770523	925921	28.57%	4.639%
22	14.854	1220	1222	1225	rBV	2287828	3240915	100.00%	16.239%
23	16.157	1333	1336	1338	rBV	796842	1089565	33.62%	5.459%
24	17.906	1486	1489	1492	rBV	921521	1088337	33.58%	5.453%

Sum of corrected areas: 19957910

LSC Report - Integrated Chromatogram

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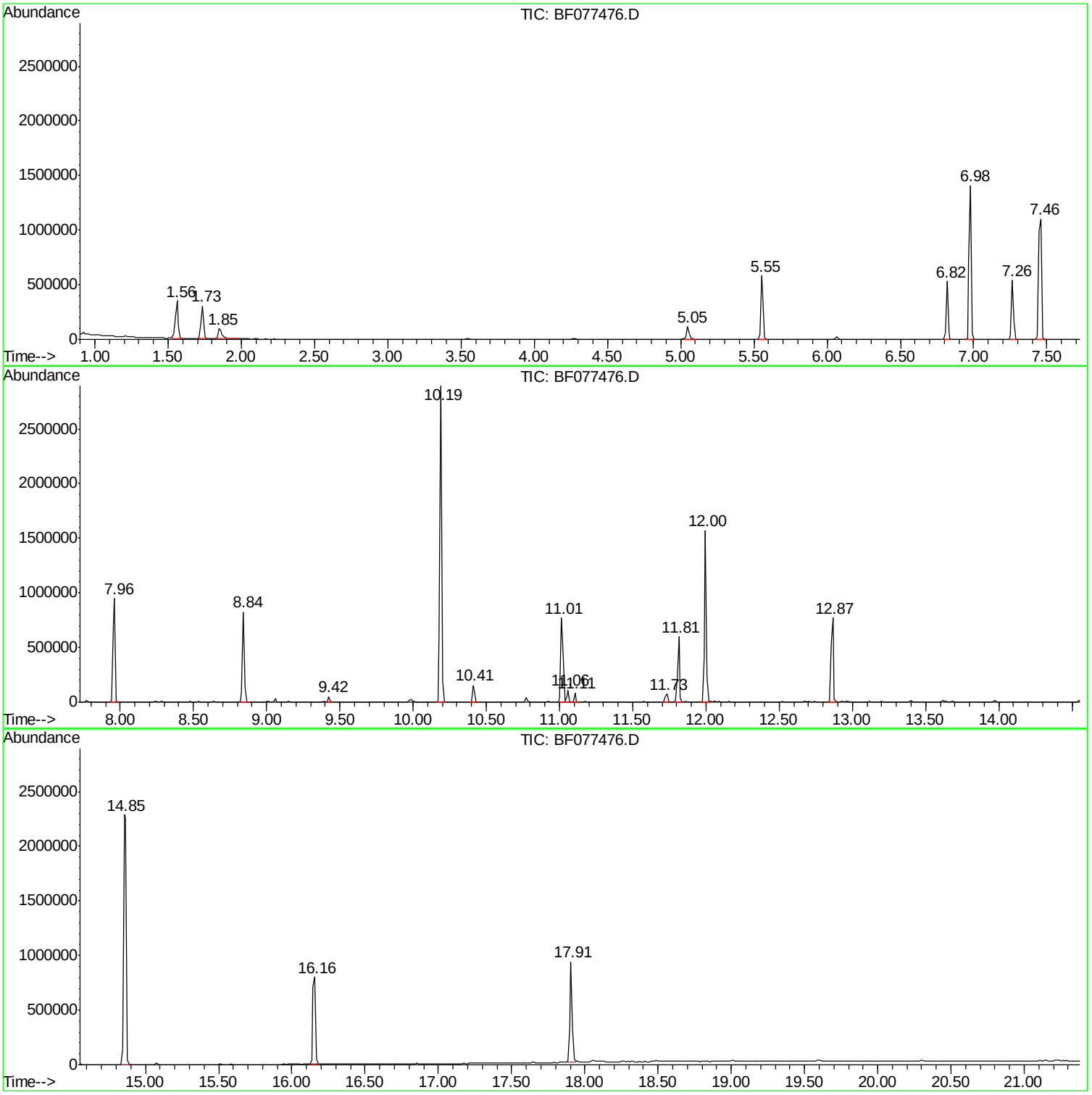
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-02232015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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\BF022615\
Data File : BF077476.D
Acq On : 26 Feb 2015 20:28
Operator : TP/IZ
Sample : G1358-06
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-02232015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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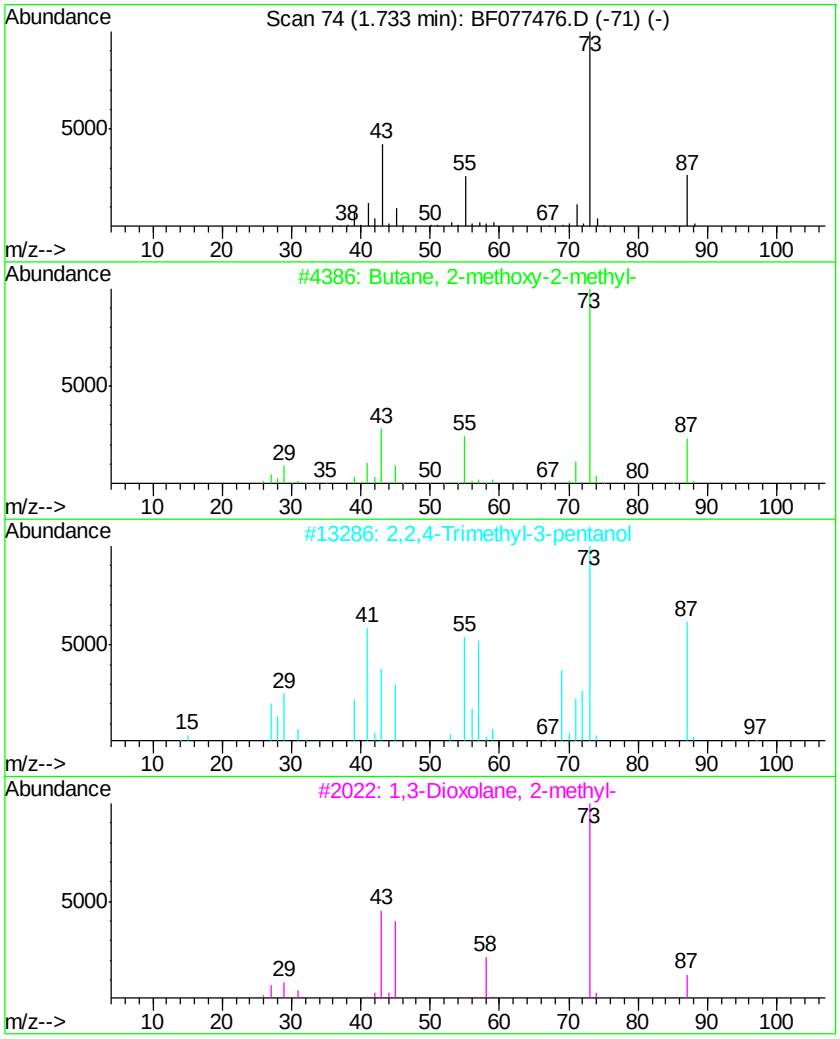
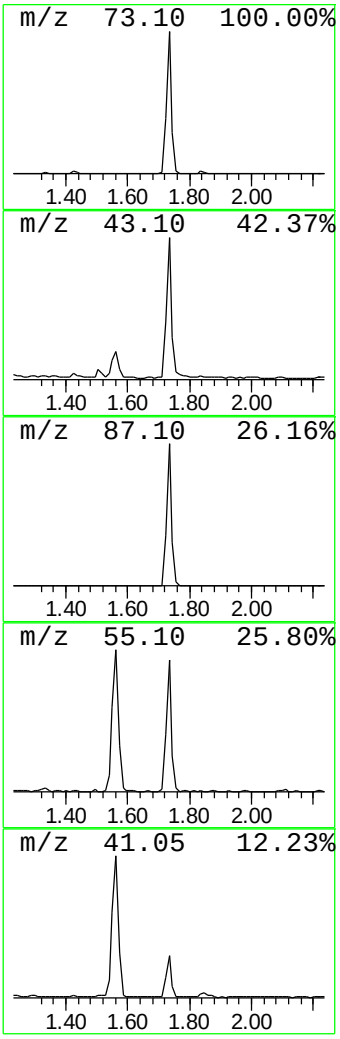
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.73	13.74 ng	350143	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
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Acq On : 26 Feb 2015 20:28
Operator : TP/IZ
Sample : G1358-06
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-02232015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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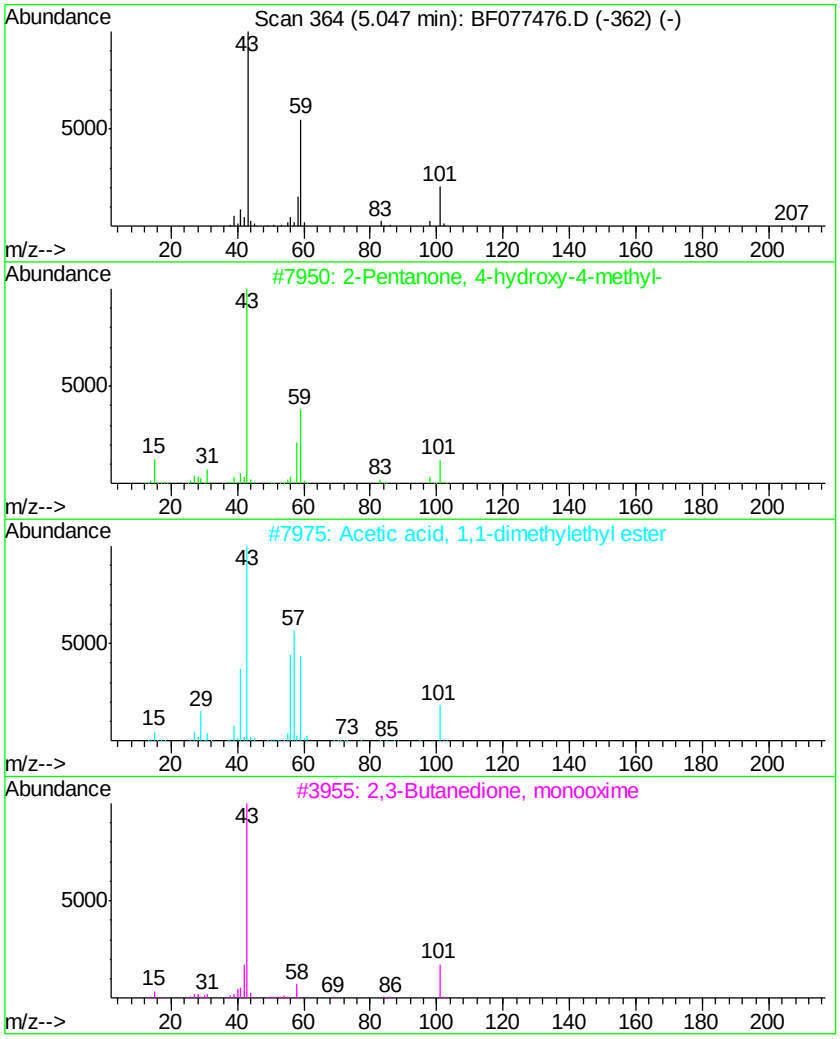
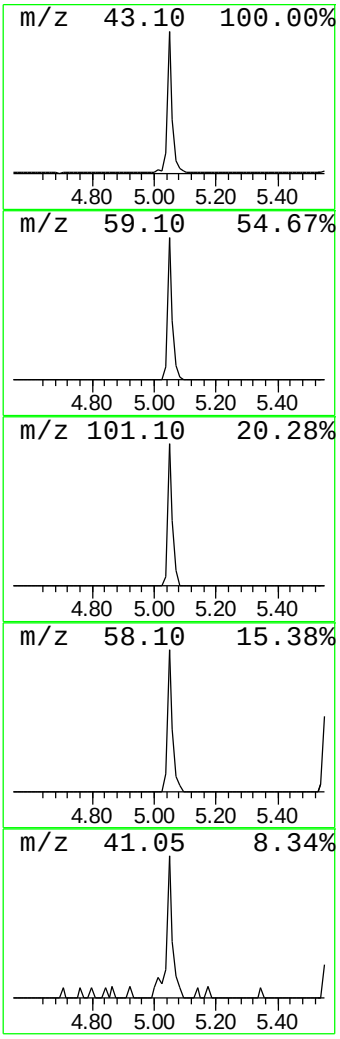
Peak Number 4 unknown5.05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	4.96 ng	126310	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
Data File : BF077476.D
Acq On : 26 Feb 2015 20:28
Operator : TP/IZ
Sample : G1358-06
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-02232015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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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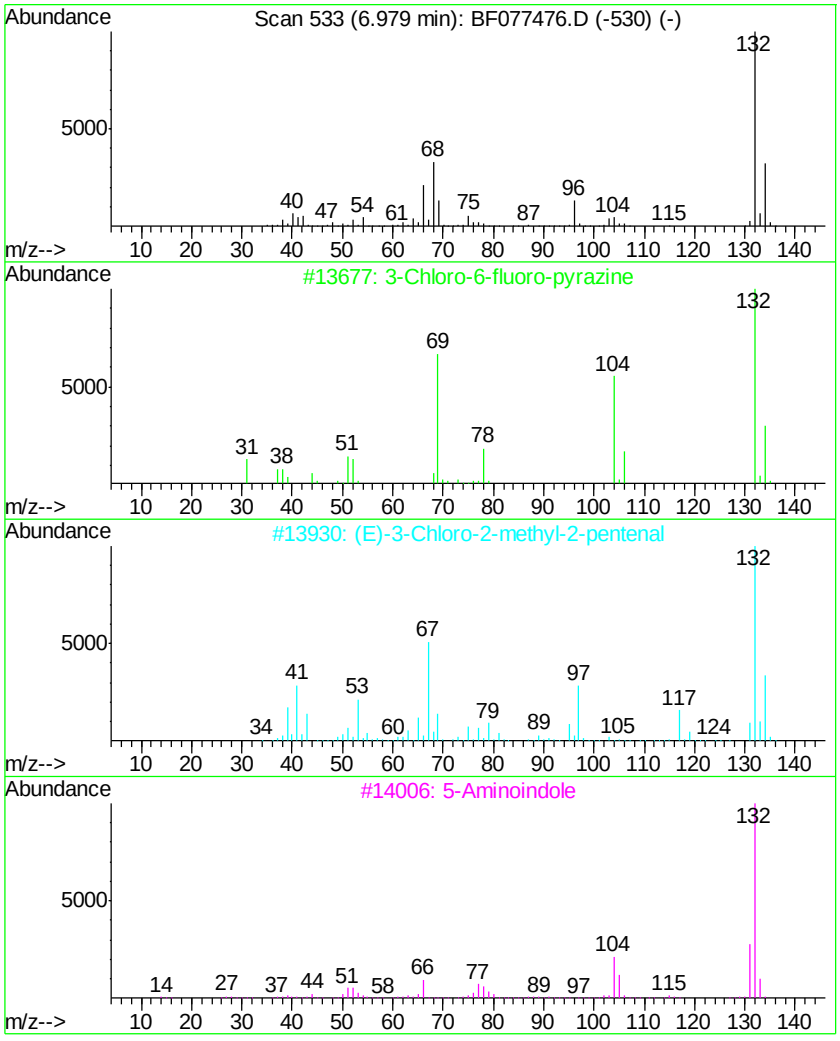
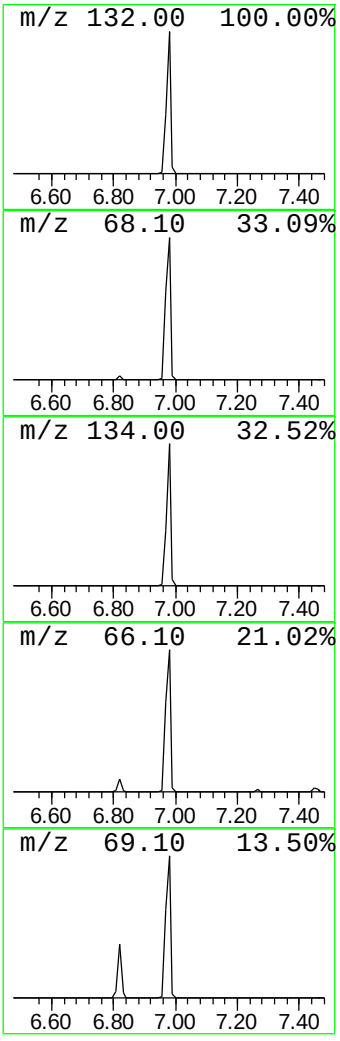
Peak Number 5 unknown6.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	59.30 ng	1510960	1,4-Dichlorobenzene-d4	7.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-02232015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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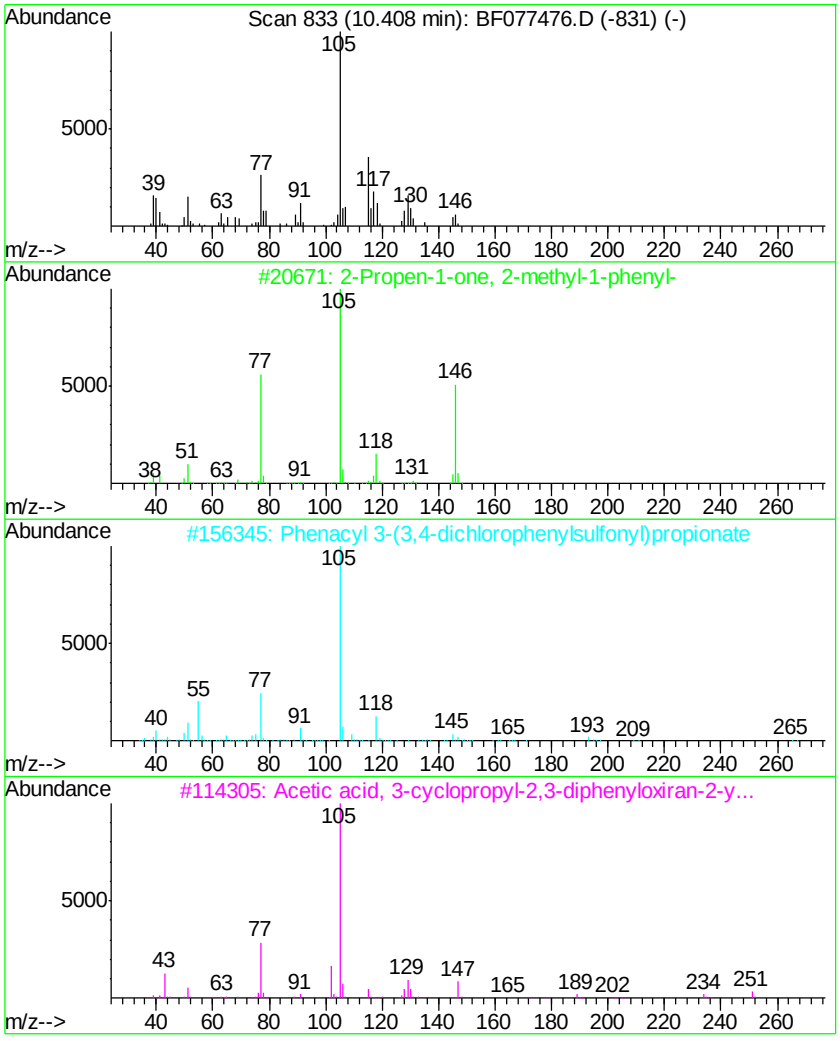
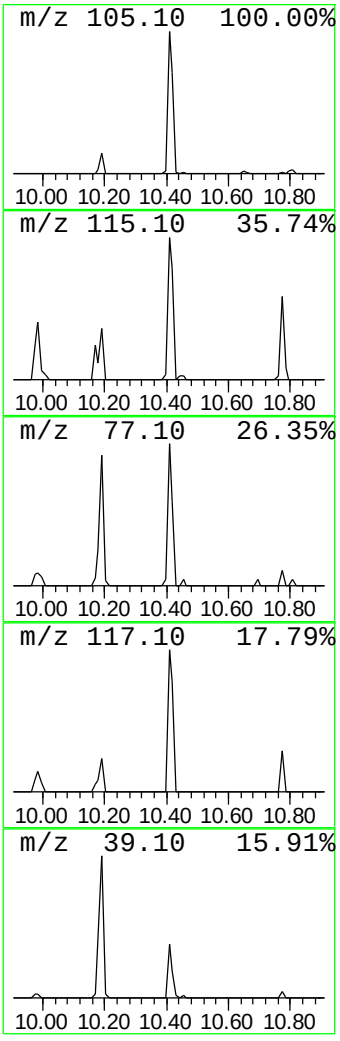
Peak Number 7 unknown10.41 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	4.38 ng	183128	Acenaphthene-d10	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 2-methyl-1-phenyl-	146	C10H10O	000769-60-8	38
2	Phenacyl 3-(3,4-dichlorophenylsu...	400	C17H14Cl2O5S	1000225-01-1	35
3	Acetic acid, 3-cyclopropyl-2,3-d...	294	C19H18O3	128103-54-8	32
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	22
5	Ethanone, 2-(benzoyloxy)-1-phenyl-	240	C15H12O3	033868-50-7	22





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Sample : G1358-06
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB-02232015

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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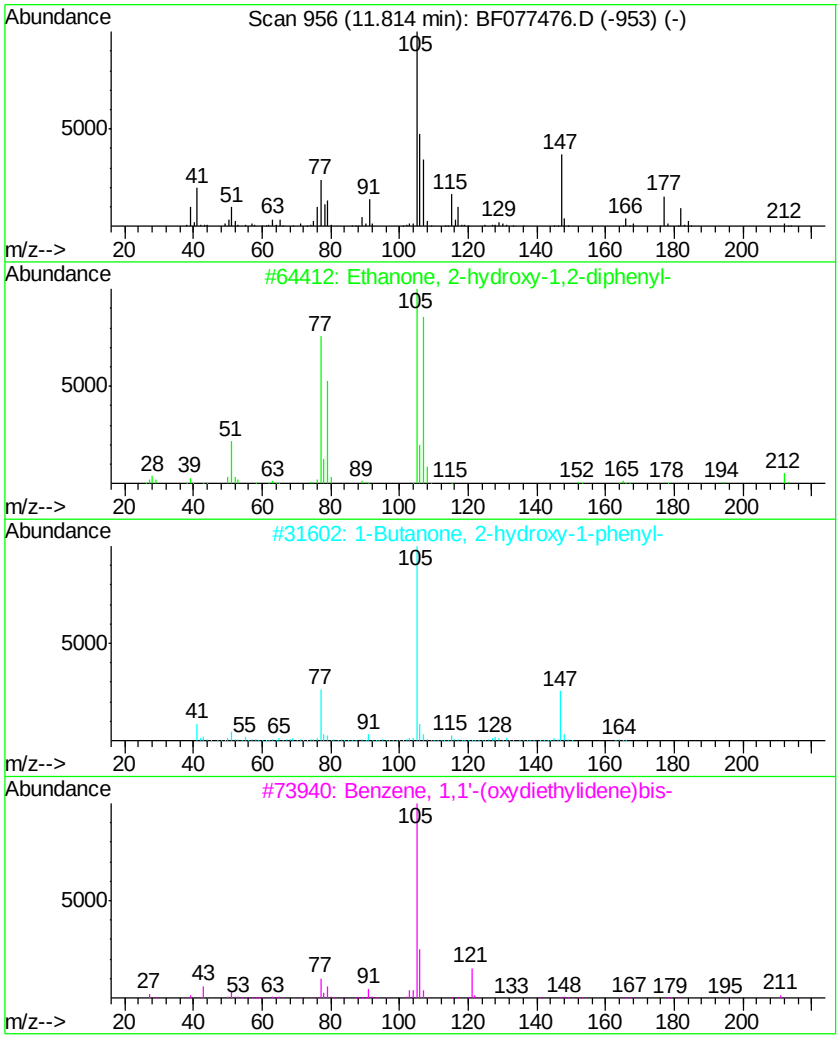
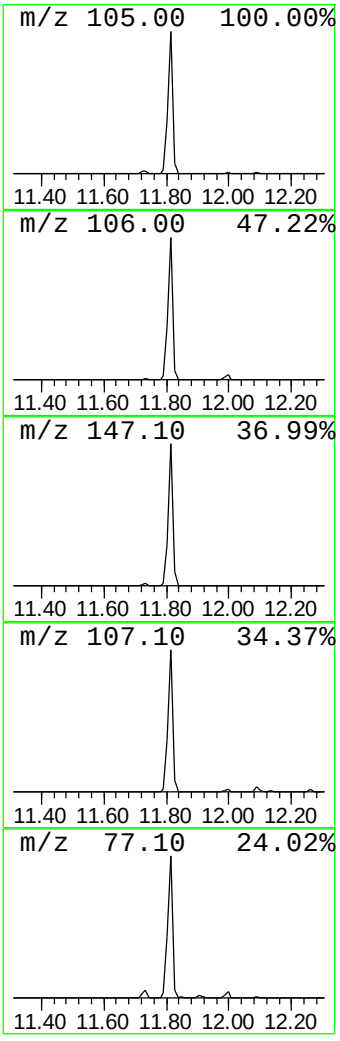
Peak Number 8 unknown11.81 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	14.41 ng	602763	Acenaphthene-d10	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-hydroxy-1,2-diphenyl-	212	C14H12O2	000119-53-9	27
2	1-Butanone, 2-hydroxy-1-phenyl-	164	C10H12O2	016183-46-3	27
3	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	27
4	Benzoin	212	C14H12O2	000579-44-2	25
5	Benzamide, N-butyl-	177	C11H15NO	002782-40-3	22





Tentatively Identified Compound (LSC) summary

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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...	1.73	13.7	ng	350143	1	7.26	509621	20.0
unknown5.05	5.05	5.0	ng	126310	1	7.26	509621	20.0
unknown6.98	6.98	59.3	ng	1510960	1	7.26	509621	20.0
unknown10.41	10.41	4.4	ng	183128	3	11.01	836807	20.0
unknown11.81	11.81	14.4	ng	602763	3	11.01	836807	20.0