LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077855.D
Acq On : 20 Mar 2015 4:48
Operator : TP/IZ
Sample : G1557-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-015

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	1.310	34	37	40	rBV	4512432	4908728	100.00%	30.073%
2	1.424	44	47	53	rVB	67587	127510	2.60%	0.781%
3	1.595	60	62	65	rVB	60004	70508	1.44%	0.432%
4	1.778	77	78	89	rVB	94626	153625	3.13%	0.941%
5	4.910	350	352	358	rBV	136005	168549	3.43%	1.033%
6	5.447	396	399	401	rBV	868804	992001	20.21%	6.077%
7	6.727	509	511	514	rBV	986611	971002	19.78%	5.949%
8	6.865	521	523	526	rBV	1195590	1085503	22.11%	6.650%
9	7.150	546	548	551	rVB	274012	239298	4.87%	1.466%
10	7.333	562	564	567	rBV	825254	840023	17.11%	5.146%
11	7.848	606	609	611	rBV	731513	659004	13.43%	4.037%
12	8.728	684	686	688	rBV	374618	329124	6.70%	2.016%
13	10.076	801	804	806	rBV	1480332	1379053	28.09%	8.449%
14	10.899	874	876	878	rBV	363689	374049	7.62%	2.292%
15	11.871	959	961	964	rBV2	566769	786768	16.03%	4.820%
16	12.739	1034	1037	1039	rBV	351252	407862	8.31%	2.499%
17	14.728	1209	1211	1214	rBV	1443415	1582626	32.24%	9.696%
18	15.905	1311	1314	1321	rBV2	84488	127269	2.59%	0.780%
19	16.008	1321	1323	1326	rBV	335614	473411	9.64%	2.900%
20	17.700	1468	1471	1473	rBV	326693	469802	9.57%	2.878%
21	19.666	1639	1643	1652	rBV9	40499	125309	2.55%	0.768%
22	20.603	1722	1725	1731	rVB4	22342	51530	1.05%	0.316%

Sum of corrected areas: 16322554

LSC Report - Integrated Chromatogram

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Operator : TP/IZ
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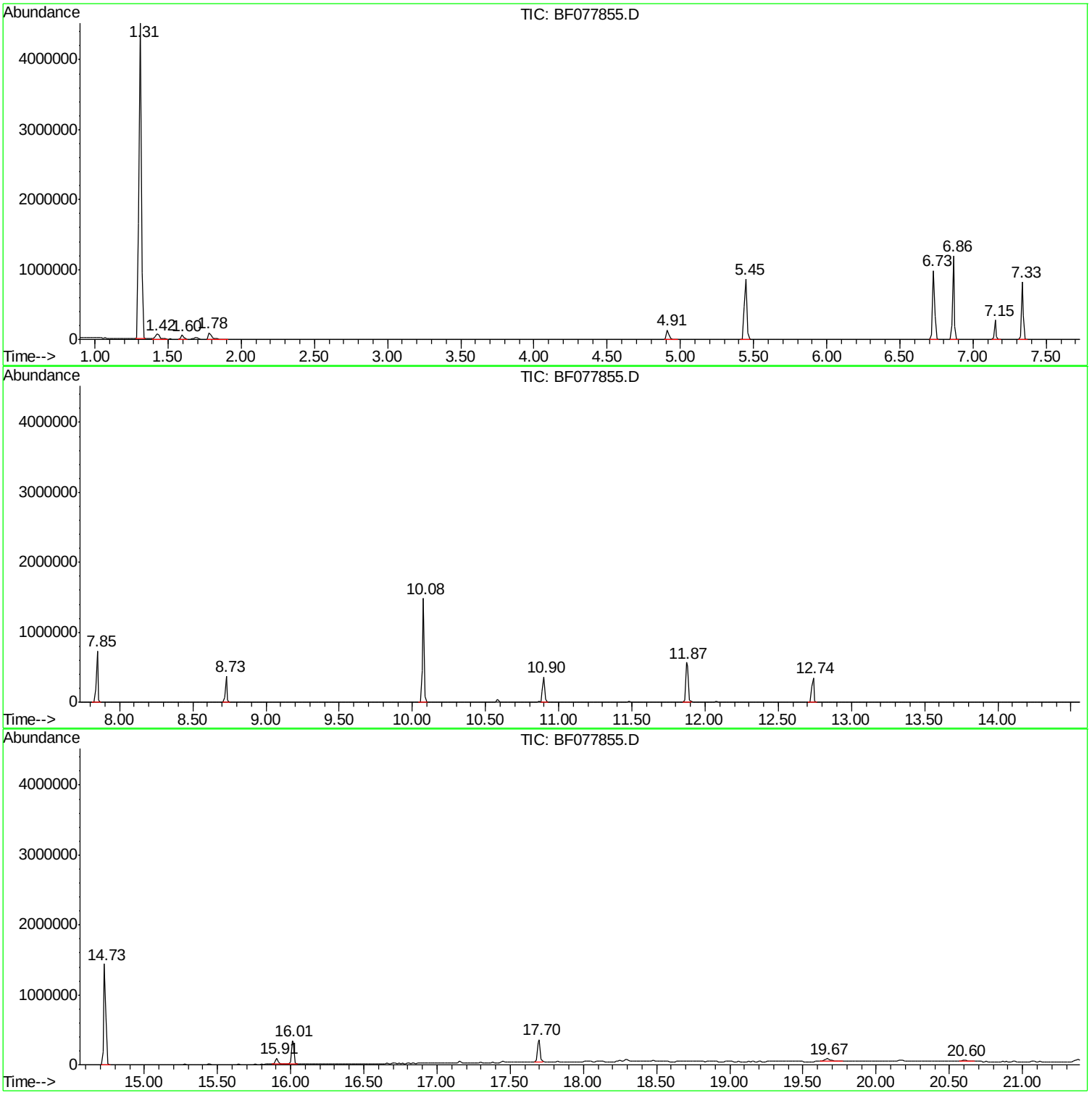
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-015

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\BF031915\
Data File : BF077855.D
Acq On : 20 Mar 2015 4:48
Operator : TP/IZ
Sample : G1557-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-015

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

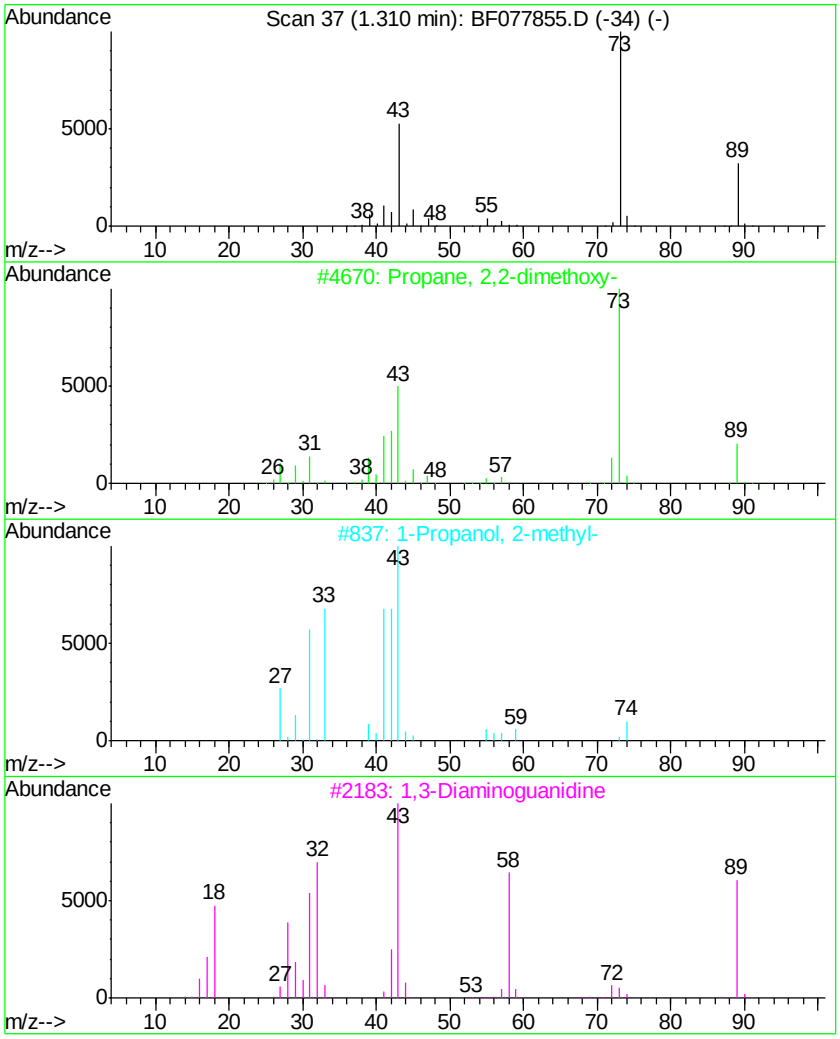
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

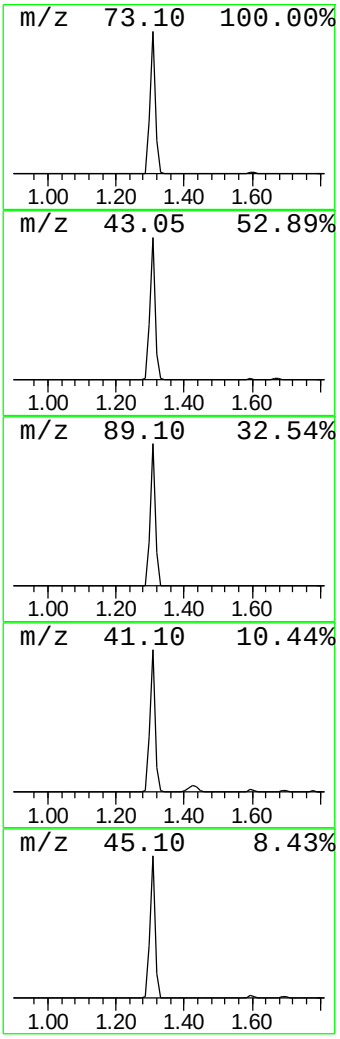
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.31	410.26 ng	4908730	1,4-Dichlorobenzene-d4	7.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077855.D
Acq On : 20 Mar 2015 4:48
Operator : TP/IZ
Sample : G1557-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-015

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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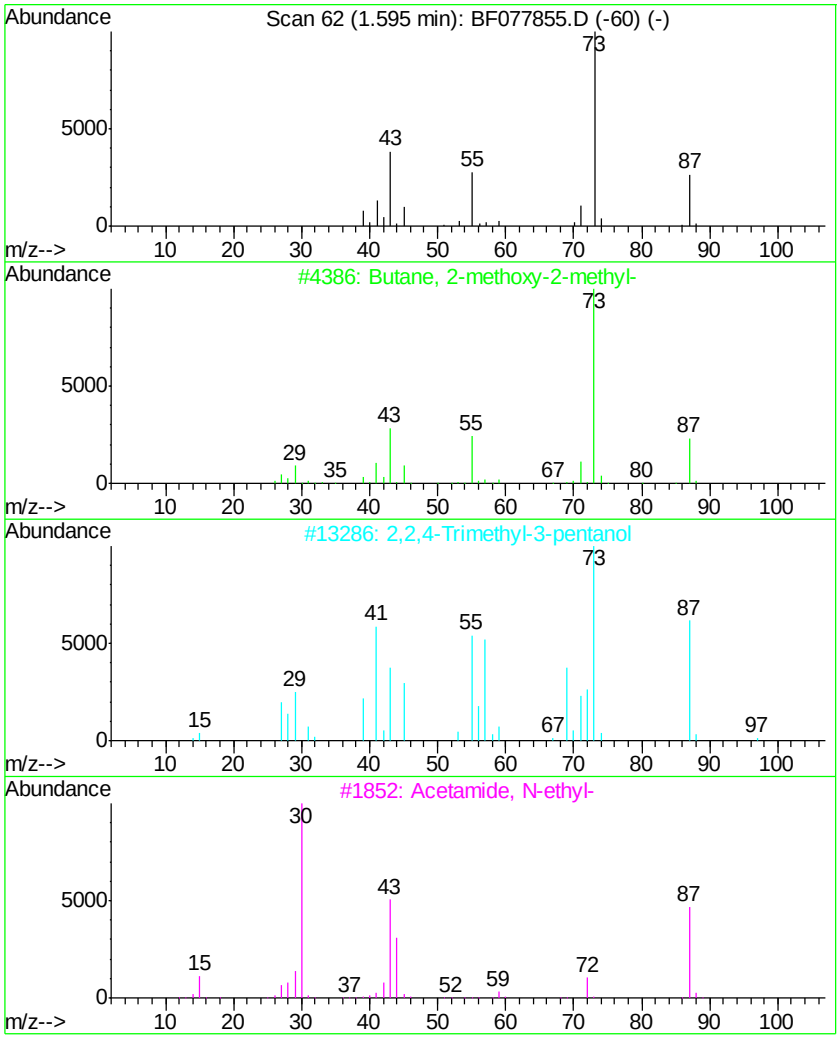
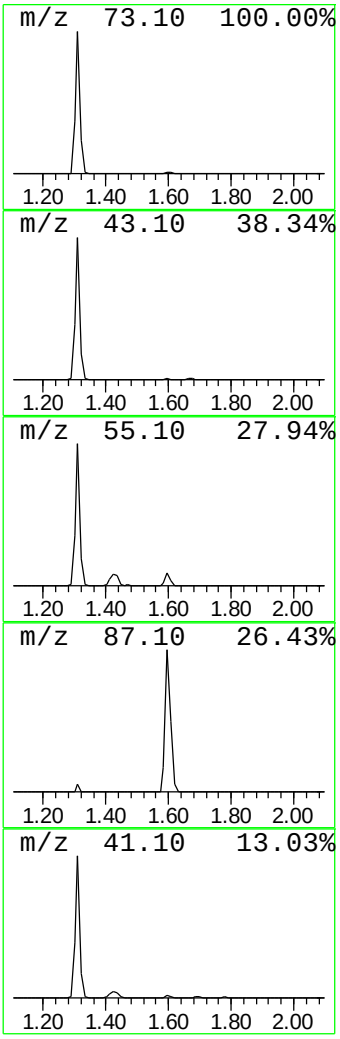
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.60	5.89 ng	70508	1,4-Dichlorobenzene-d4	7.15

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	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077855.D
Acq On : 20 Mar 2015 4:48
Operator : TP/IZ
Sample : G1557-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-015

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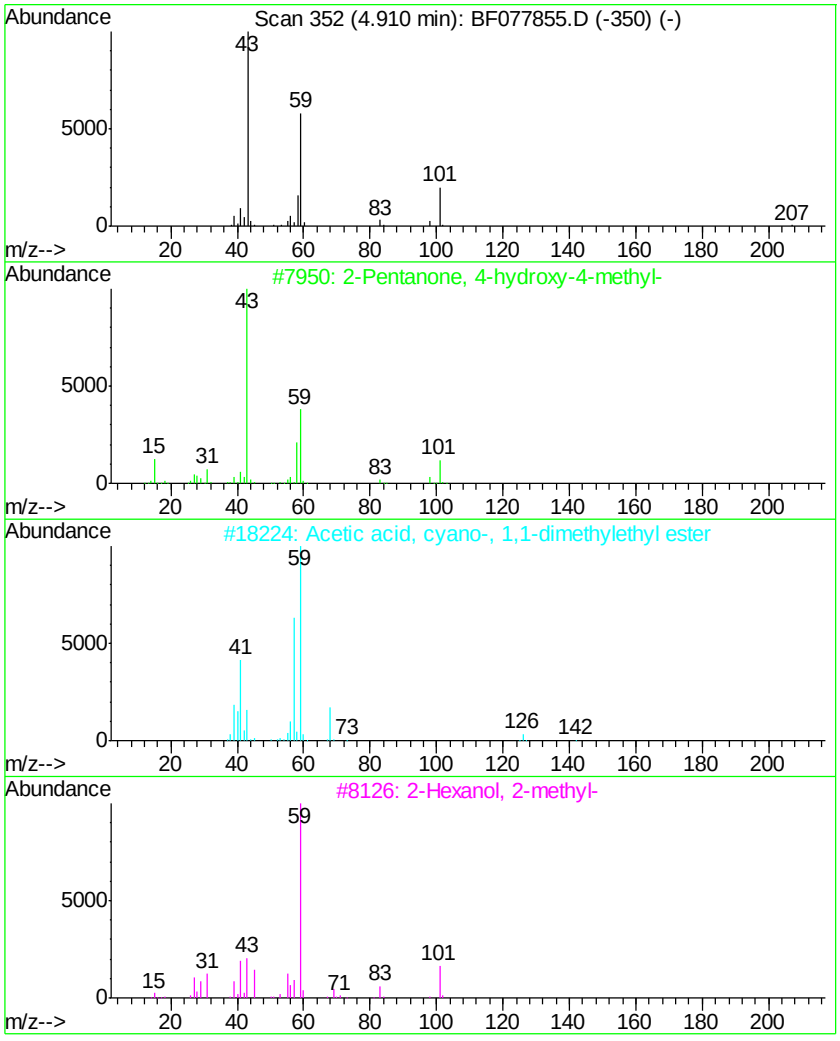
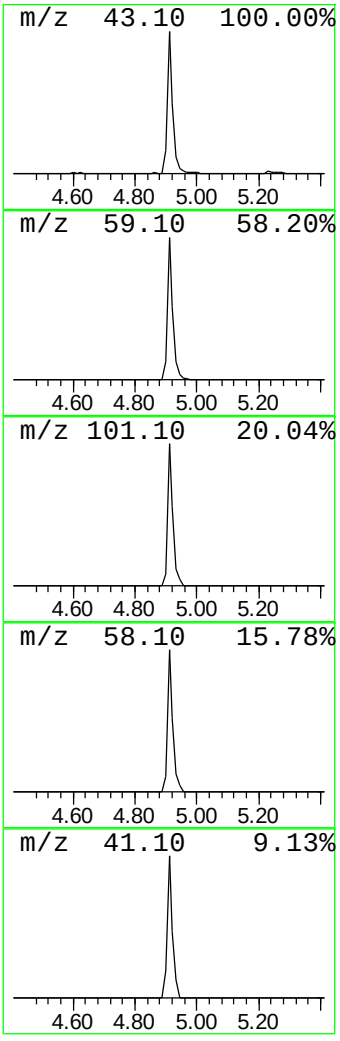
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	14.09 ng	168549	1,4-Dichlorobenzene-d4	7.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9
5	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	9





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Data File : BF077855.D
Acq On : 20 Mar 2015 4:48
Operator : TP/IZ
Sample : G1557-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-015

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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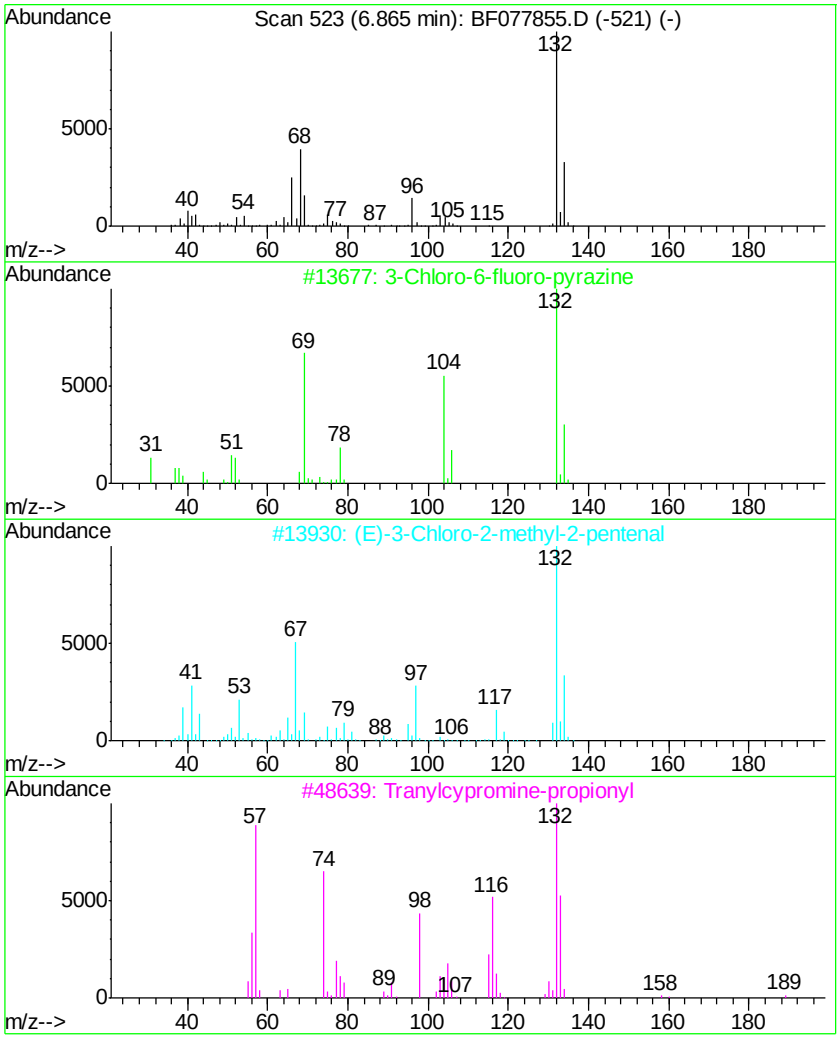
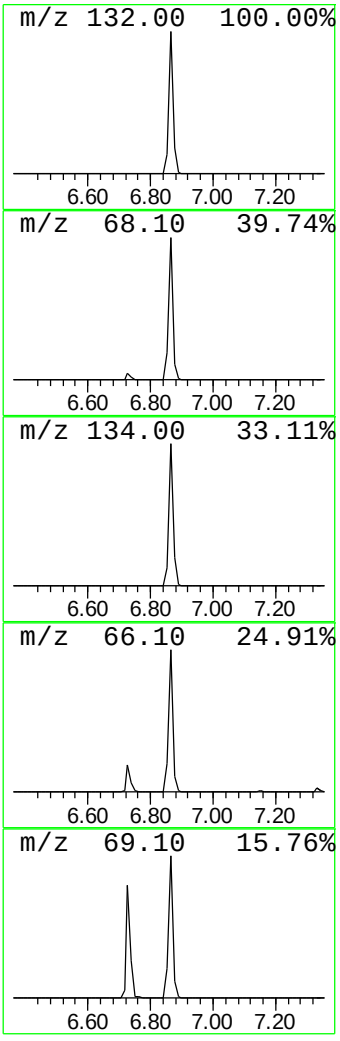
Peak Number 6 unknown6.86 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	90.72 ng	1085500	1,4-Dichlorobenzene-d4	7.15

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Acq On : 20 Mar 2015 4:48
Operator : TP/IZ
Sample : G1557-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-015

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

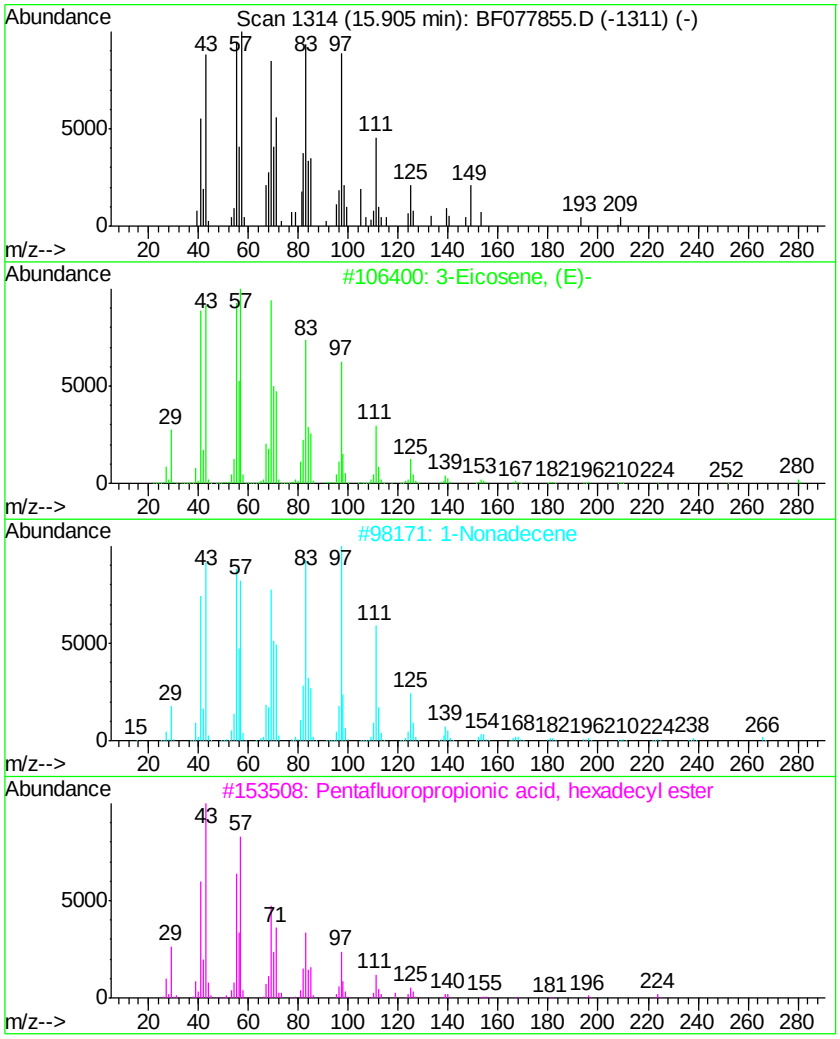
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

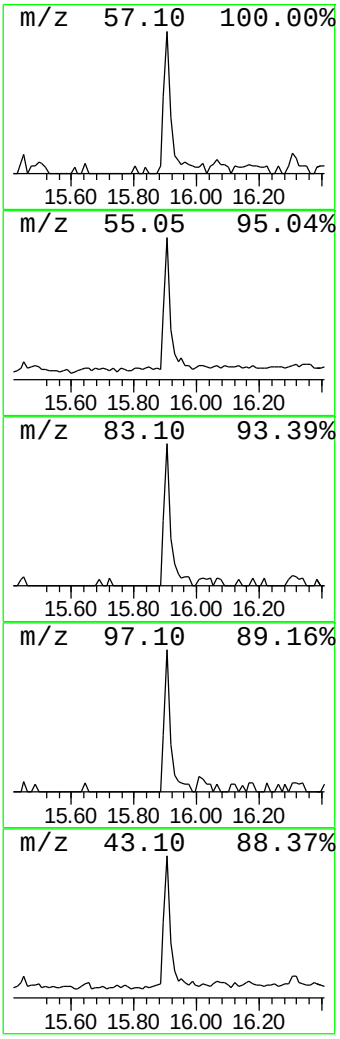
****

Peak Number 8 3-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	5.38 ng	127269	Chrysene-d12	16.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	1-Nonadecene	266	C19H38	018435-45-5	87
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	80
4	1-Tetracosanol	354	C24H50O	000506-51-4	76
5	1-Docosene	308	C22H44	001599-67-3	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077855.D
Acq On : 20 Mar 2015 4:48
Operator : TP/IZ
Sample : G1557-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-015

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

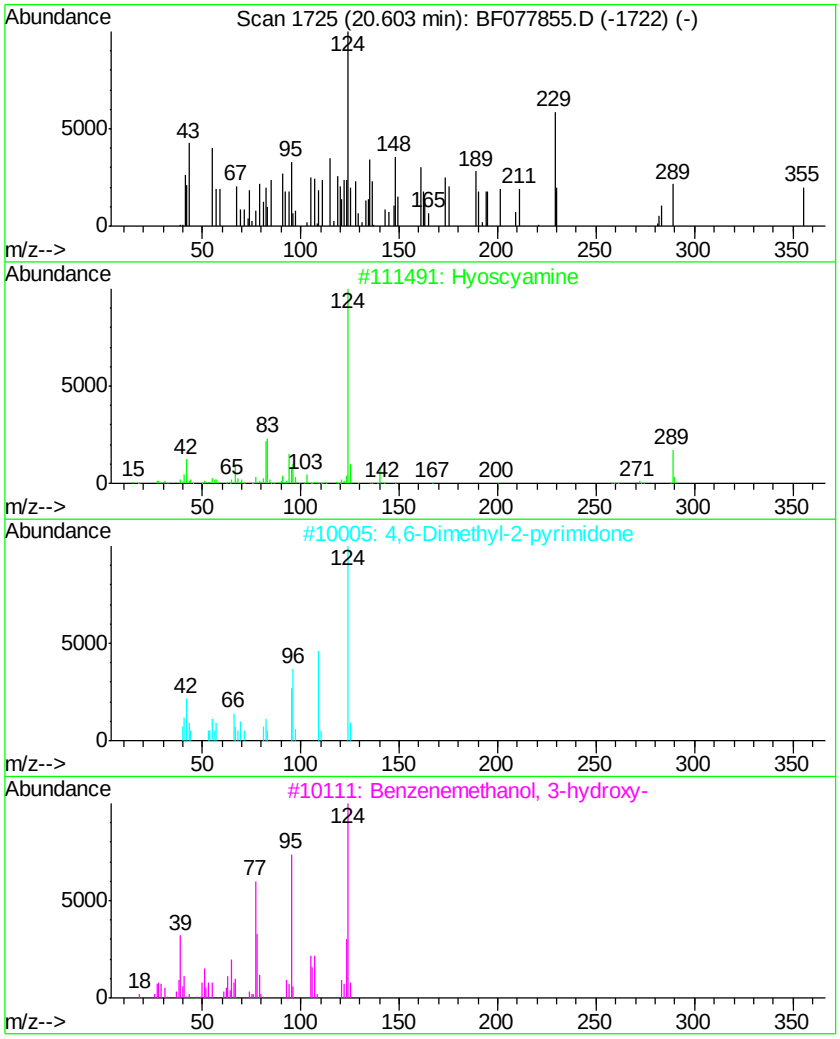
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

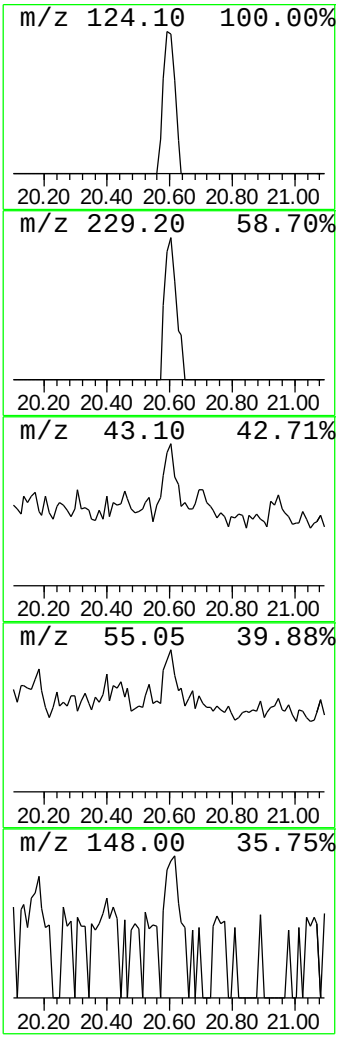
****

Peak Number 10 unknown20.60 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	2.19 ng	51530	Perylene-d12	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hyoscyamine	289	C17H23NO3	000101-31-5	22
2	4,6-Dimethyl-2-pyrimidone	124	C6H8N2O	000108-79-2	14
3	Benzenemethanol, 3-hydroxy-	124	C7H8O2	000620-24-6	14
4	2,3-Diaminophenol	124	C6H8N2O	059649-56-8	14
5	Pyridine, 1-(chloroacetyl)-1,2,3...	159	C7H10ClNO	063177-40-2	14





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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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
Propane, 2,2-dime...	1.31	410.3	ng	4908730	1	7.15	239298	20.0
Butane, 2-methoxy...	1.60	5.9	ng	70508	1	7.15	239298	20.0
2-Pentanone, 4-hy...	4.91	14.1	ng	168549	1	7.15	239298	20.0
unknown6.86	6.86	90.7	ng	1085500	1	7.15	239298	20.0
3-Eicosene, (E)-	15.91	5.4	ng	127269	5	16.02	473411	20.0
unknown20.60	20.60	2.2	ng	51530	6	17.70	469802	20.0