LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083833.D
Acq On : 16 Dec 2015 00:27
Operator : UM/IZ
Sample : G4782-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 121115-D534-F-U-M

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-BF121315.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	4.441	204	206	210	rBV	77228	92227	3.40%	0.560%
2	5.081	259	262	265	rBV	509145	527844	19.46%	3.207%
3	5.504	297	299	302	rBV	949227	839839	30.95%	5.102%
4	5.904	332	334	337	rBB	74915	66766	2.46%	0.406%
5	6.521	386	388	391	rBV	425864	552903	20.38%	3.359%
6	6.670	398	401	403	rBV	1702189	1542110	56.84%	9.369%
7	6.899	419	421	424	rBB	631367	549006	20.24%	3.335%
8	7.059	432	435	438	rBV	2118608	1886547	69.53%	11.461%
9	7.459	467	470	473	rBV	1080737	1532599	56.49%	9.311%
10	8.190	531	534	536	rBV	678704	713957	26.31%	4.338%
11	9.265	625	628	630	rBV	2999161	2713121	100.00%	16.483%
12	9.939	685	687	690	rBV	725738	684742	25.24%	4.160%
13	10.728	753	756	758	rBV	953951	933840	34.42%	5.673%
14	10.853	765	767	771	rVB	30869	37360	1.38%	0.227%
15	11.425	815	817	819	rBV	609835	602020	22.19%	3.657%
16	12.831	938	940	942	rBV	81340	70854	2.61%	0.430%
17	13.002	953	955	958	rBV	1711045	2131568	78.57%	12.950%
18	13.539	999	1002	1004	rBV	56915	53062	1.96%	0.322%
19	14.054	1044	1047	1053	rBV	492700	542094	19.98%	3.293%
20	15.494	1170	1173	1187	rBV	209270	387500	14.28%	2.354%

Sum of corrected areas: 16459959

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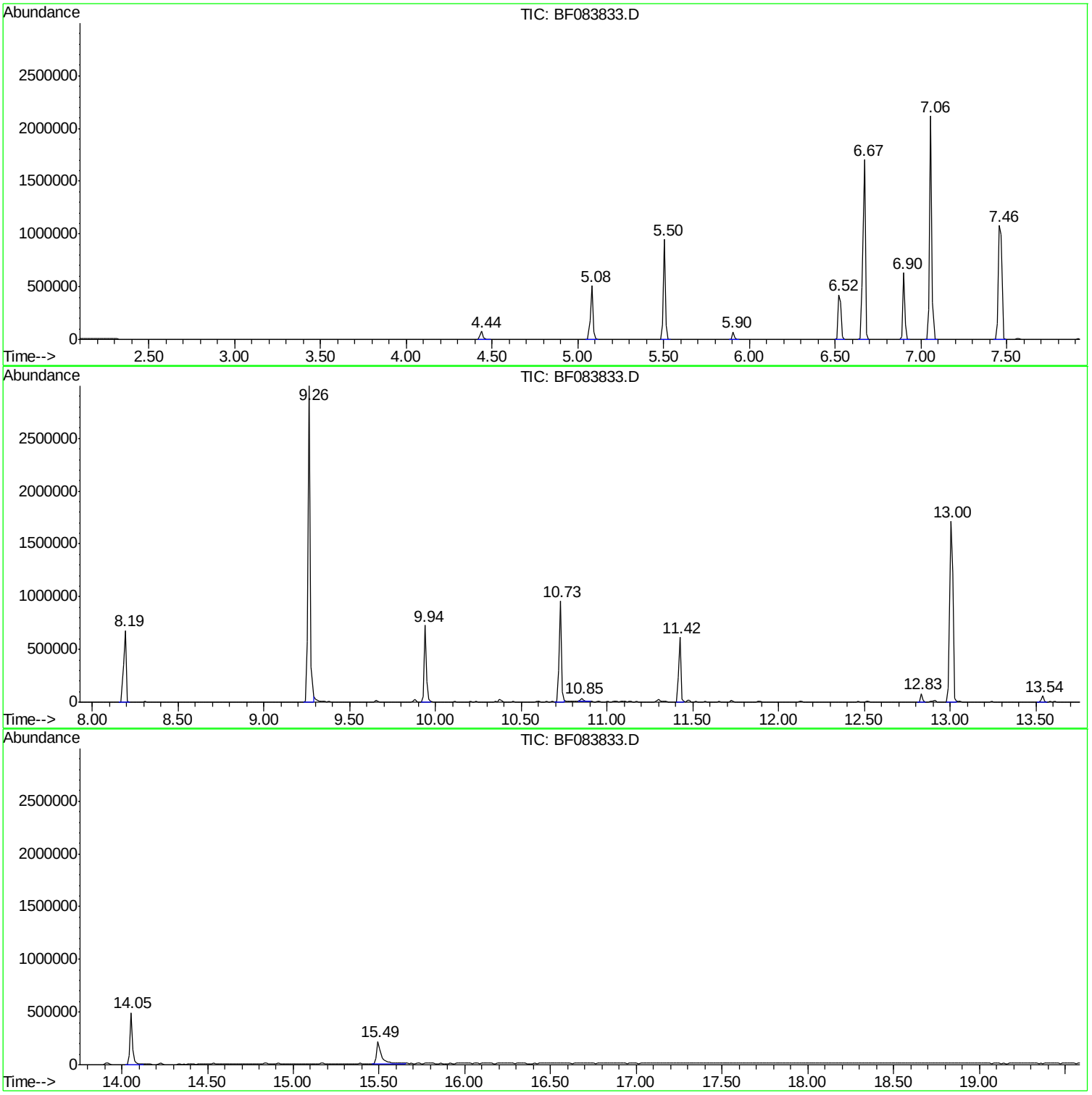
Sample : G4782-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
121115-D534-F-U-M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083833.D
Acq On : 16 Dec 2015 00:27
Operator : UM/IZ
Sample : G4782-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 121115-D534-F-U-M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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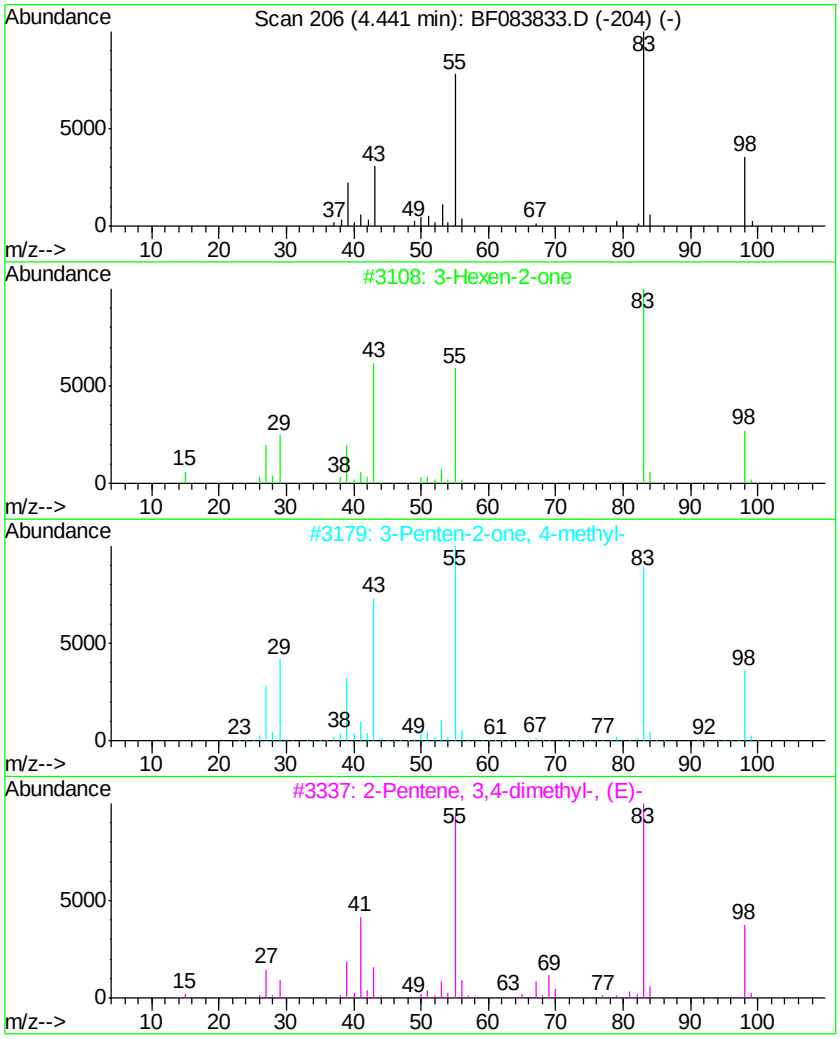
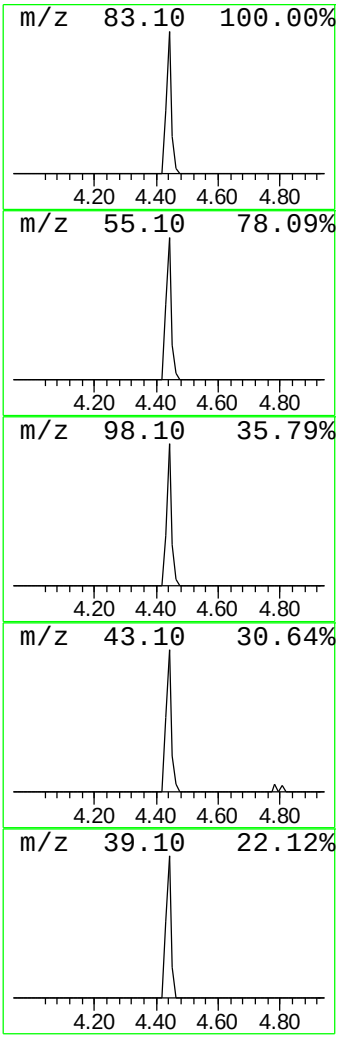
Peak Number 1 3-Hexen-2-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	3.36 ng	92227	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	78





Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083833.D
Acq On : 16 Dec 2015 00:27
Operator : UM/IZ
Sample : G4782-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 121115-D534-F-U-M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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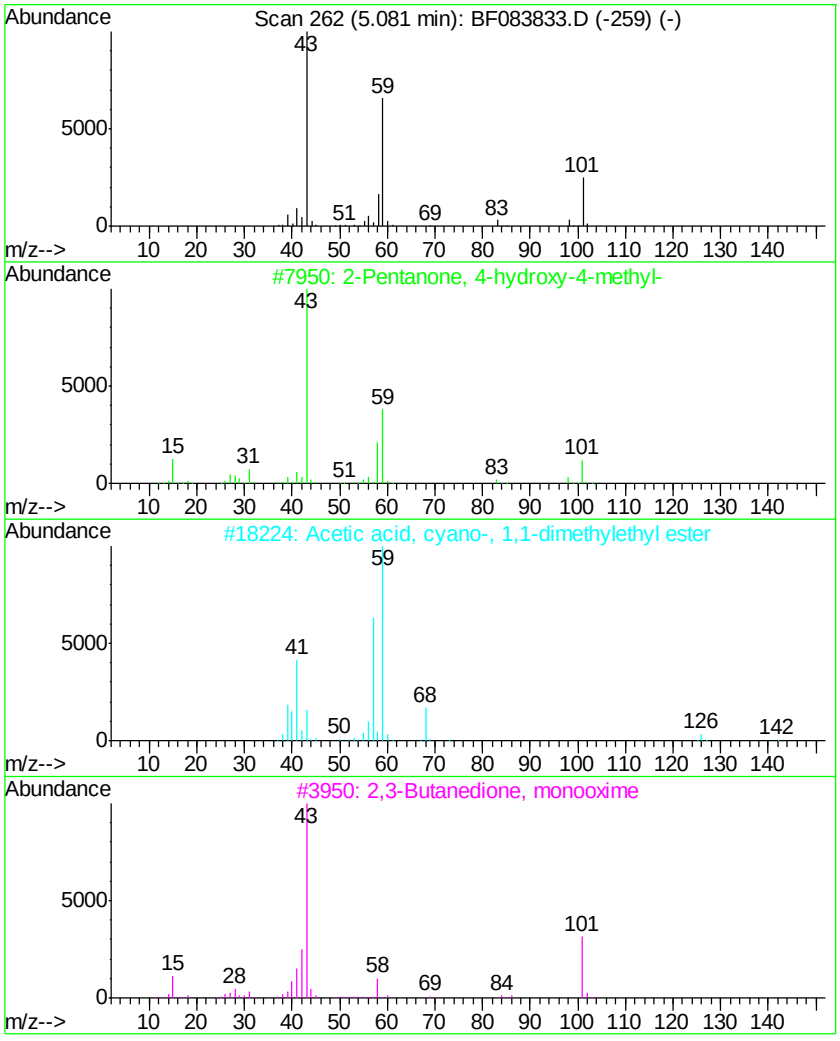
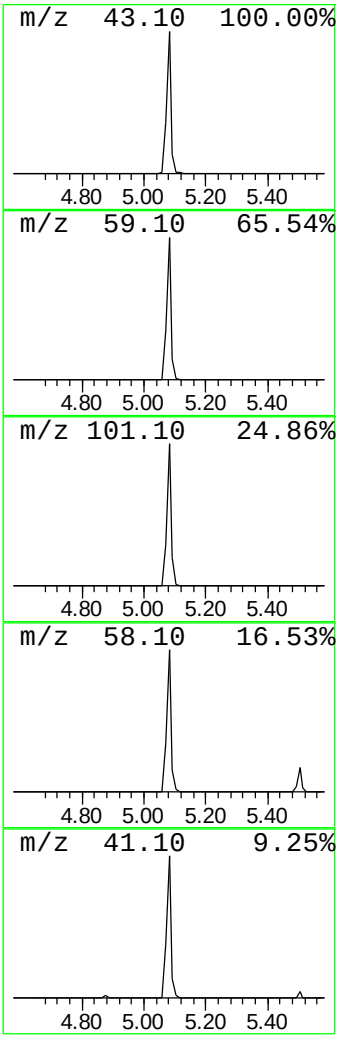
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	19.23 ng	527844	1,4-Dichlorobenzene-d4	6.90

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Data File : BF083833.D
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Operator : UM/IZ
Sample : G4782-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 121115-D534-F-U-M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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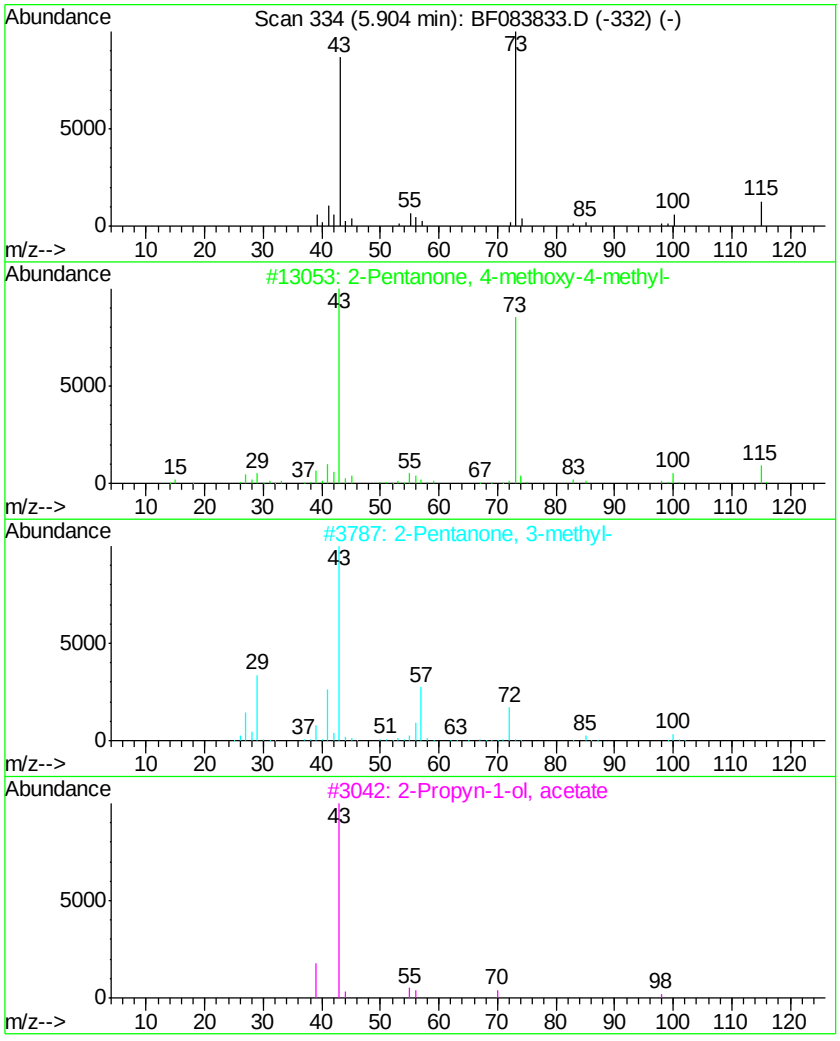
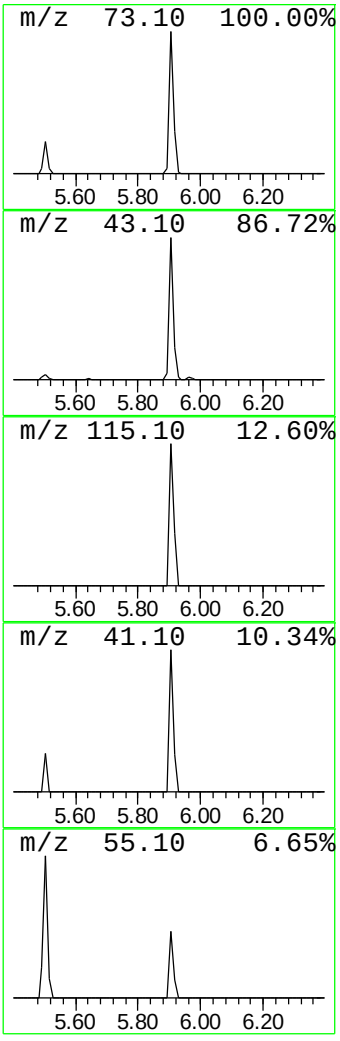
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	2.43 ng	66766	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10
3	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
4	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9
5	Acetamide, N-butyl-	115	C6H13NO	001119-49-9	9





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Sample : G4782-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 121115-D534-F-U-M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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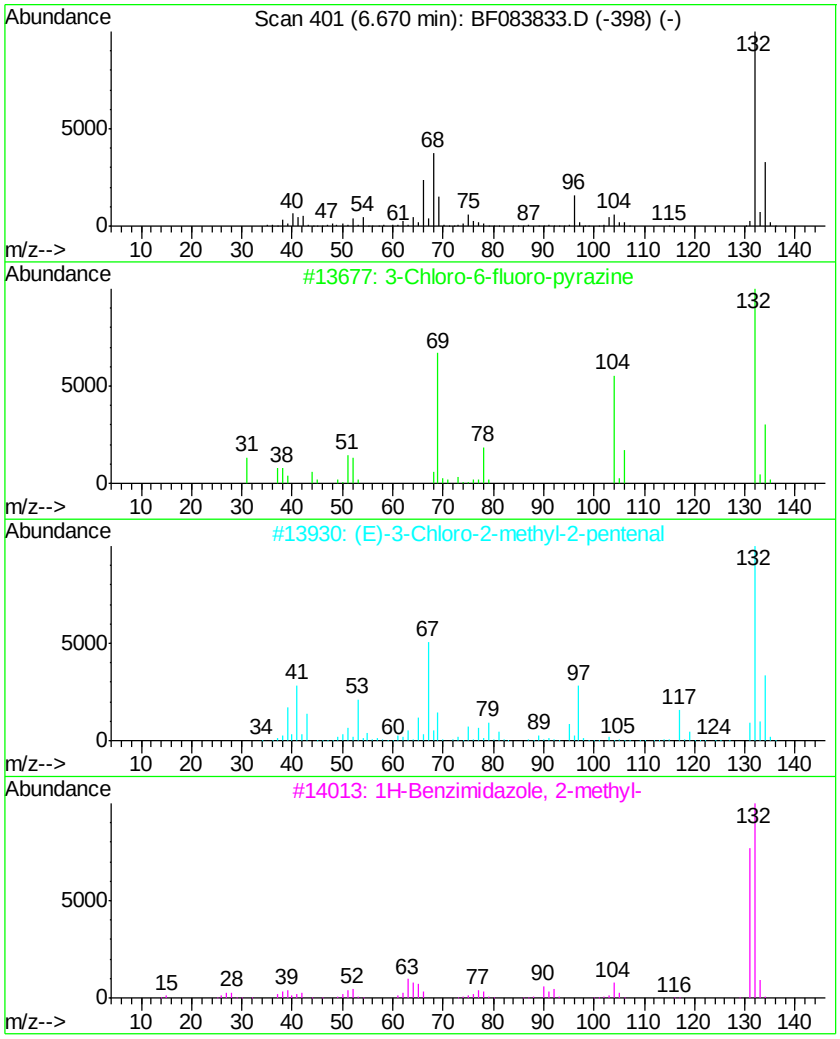
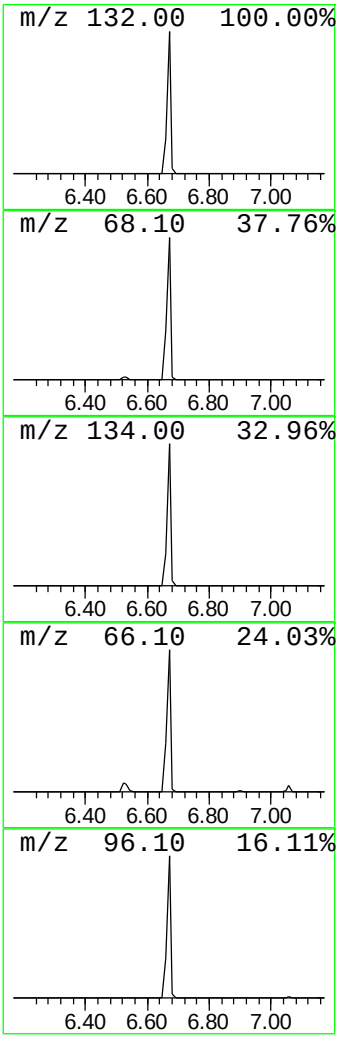
Peak Number 4 unknown6.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	56.18 ng	1542110	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Operator : UM/IZ
Sample : G4782-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 121115-D534-F-U-M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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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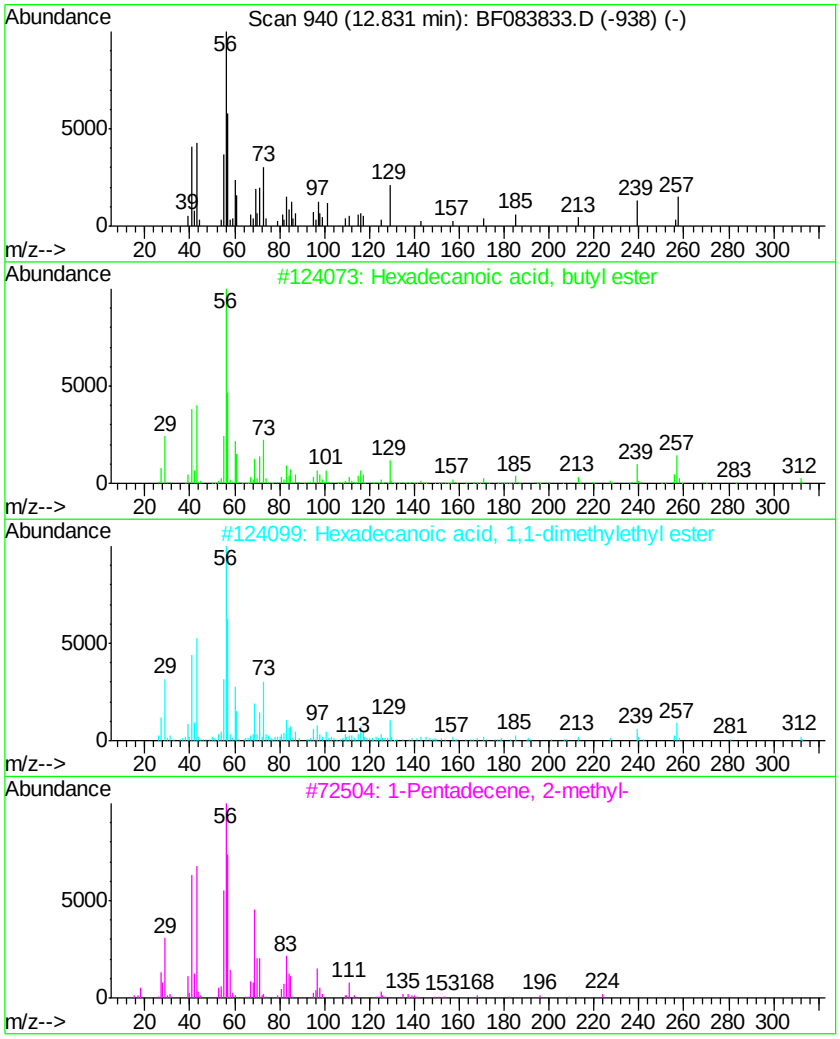
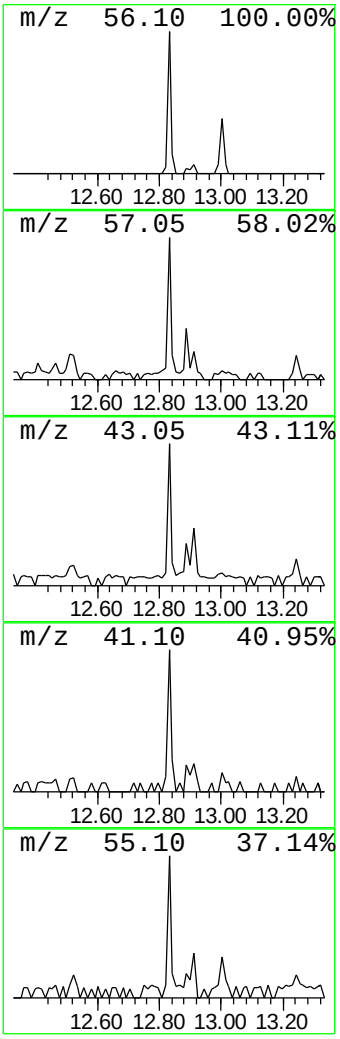
Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	2.61 ng	70854	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
3	1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	43
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	32
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27





Tentatively Identified Compound (LSC) summary

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Data File : BF083833.D
Acq On : 16 Dec 2015 00:27
Operator : UM/IZ
Sample : G4782-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 121115-D534-F-U-M

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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
3-Hexen-2-one	4.44	3.4	ng	92227	1	6.90	549006	20.0
2-Pentanone, 4-hy...	5.08	19.2	ng	527844	1	6.90	549006	20.0
2-Pentanone, 4-me...	5.90	2.4	ng	66766	1	6.90	549006	20.0
unknown6.67	6.67	56.2	ng	1542110	1	6.90	549006	20.0
Hexadecanoic acid...	12.83	2.6	ng	70854	5	14.05	542094	20.0