LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
Data File : BF084613.D
Acq On : 25 Jan 2016 17:59
Operator : SJ/IZ
Sample : H1201-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-105

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-BF123115.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	4.201	183	185	191	rBV	299453	398267	5.81%	0.830%
2	4.899	243	246	248	rBV	1654659	2053865	29.98%	4.278%
3	5.333	282	284	287	rBV	3130756	2813564	41.07%	5.861%
4	5.733	317	319	322	rBV	403006	381433	5.57%	0.795%
5	6.373	373	375	378	rBV	1418610	1711458	24.98%	3.565%
6	6.510	384	387	389	rBV	3897287	5000503	73.00%	10.416%
7	6.579	391	393	395	rVV	151961	159545	2.33%	0.332%
8	6.739	404	407	409	rVB	1005885	1181756	17.25%	2.462%
9	6.887	418	420	423	rBV	3688197	4085168	59.64%	8.510%
10	7.310	453	457	459	rBV	2897574	4072699	59.46%	8.484%
11	8.019	517	519	522	rBV	1787296	1569229	22.91%	3.269%
12	9.105	611	614	616	rBV	7082941	6849982	100.00%	14.269%
13	9.768	670	672	675	rVB	1488977	1774532	25.91%	3.696%
14	10.213	708	711	713	rVB2	48821	77148	1.13%	0.161%
15	10.568	738	742	744	rBV	3343632	4666412	68.12%	9.720%
16	11.253	799	802	804	rBV	2311807	1967567	28.72%	4.099%
17	12.842	938	941	944	rBV	6070316	6169387	90.06%	12.851%
18	13.745	1017	1020	1029	rBV	168629	260803	3.81%	0.543%
19	13.882	1029	1032	1035	rBV	1906754	1787070	26.09%	3.723%
20	15.277	1151	1154	1156	rBV	700670	1026210	14.98%	2.138%

Sum of corrected areas: 48006598

LSC Report - Integrated Chromatogram

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Operator : SJ/IZ
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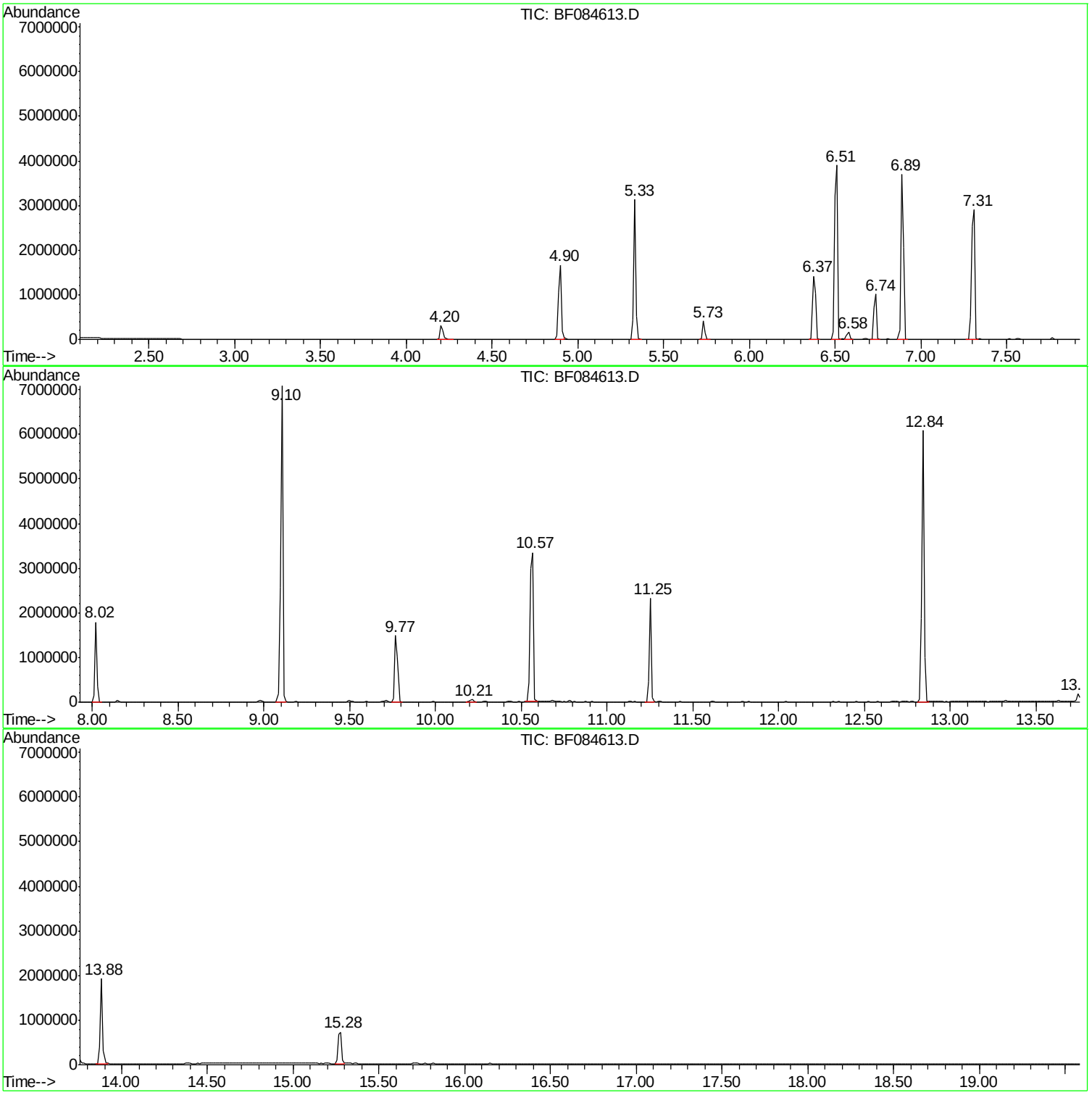
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-105

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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Data File : BF084613.D
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Operator : SJ/IZ
Sample : H1201-08
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : MW-105

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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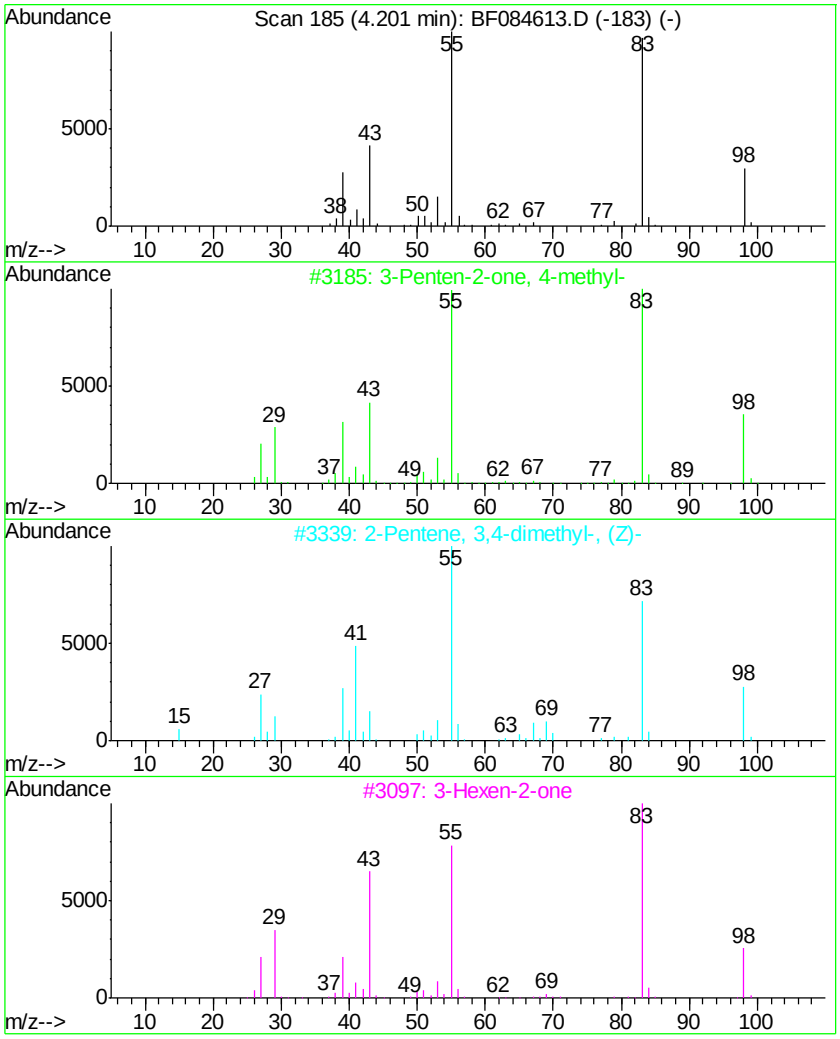
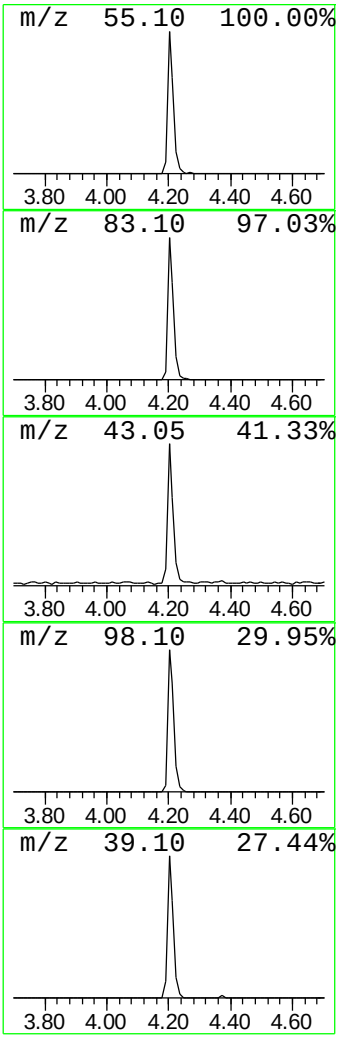
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	6.74 ng	398267	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
3	3-Hexen-2-one	98	C6H10O	000763-93-9	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
Data File : BF084613.D
Acq On : 25 Jan 2016 17:59
Operator : SJ/IZ
Sample : H1201-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-105

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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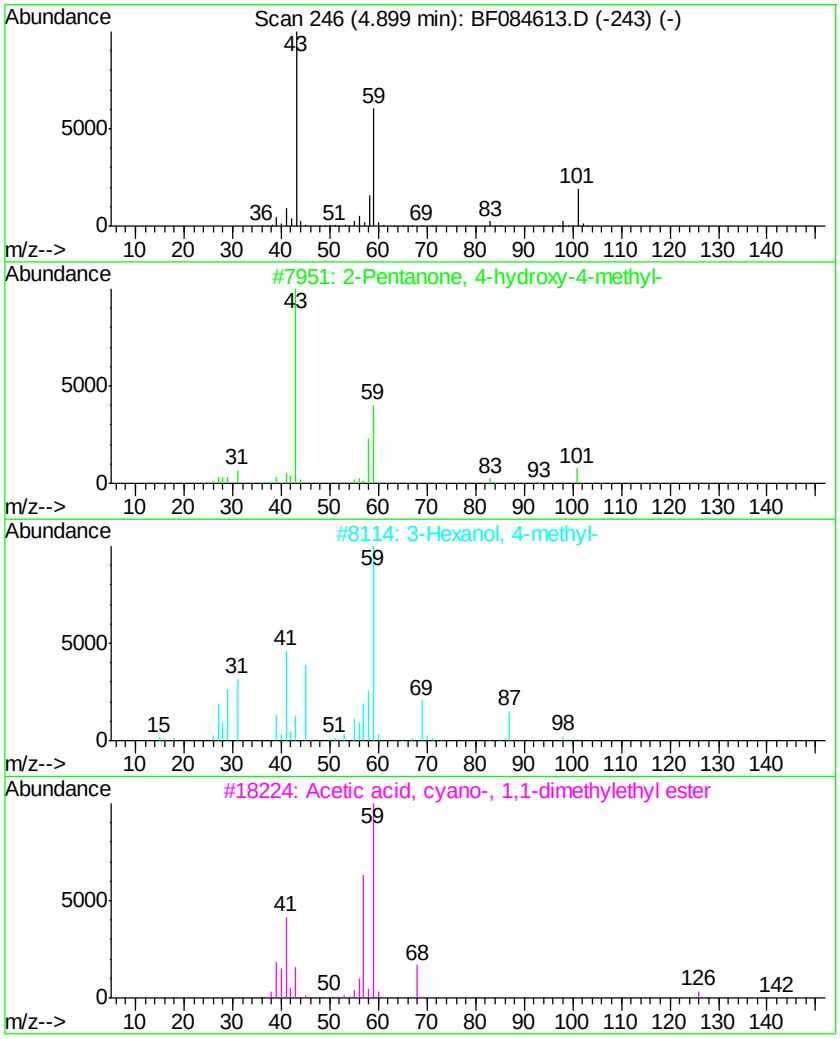
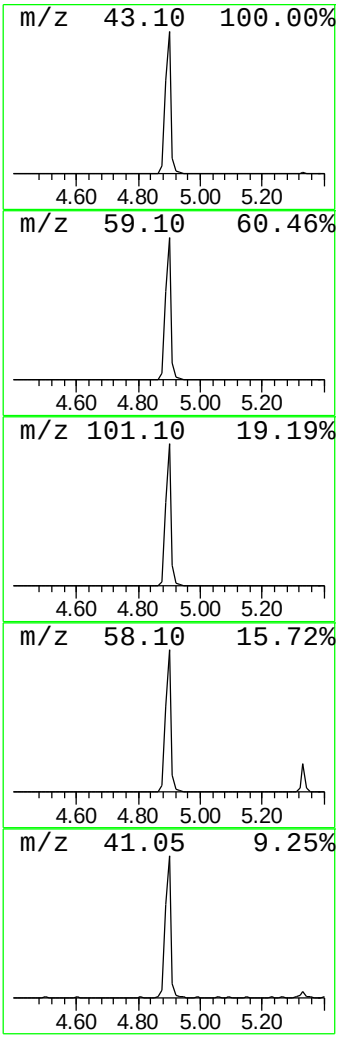
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	34.76 ng	2053870	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Operator : SJ/IZ
Sample : H1201-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-105

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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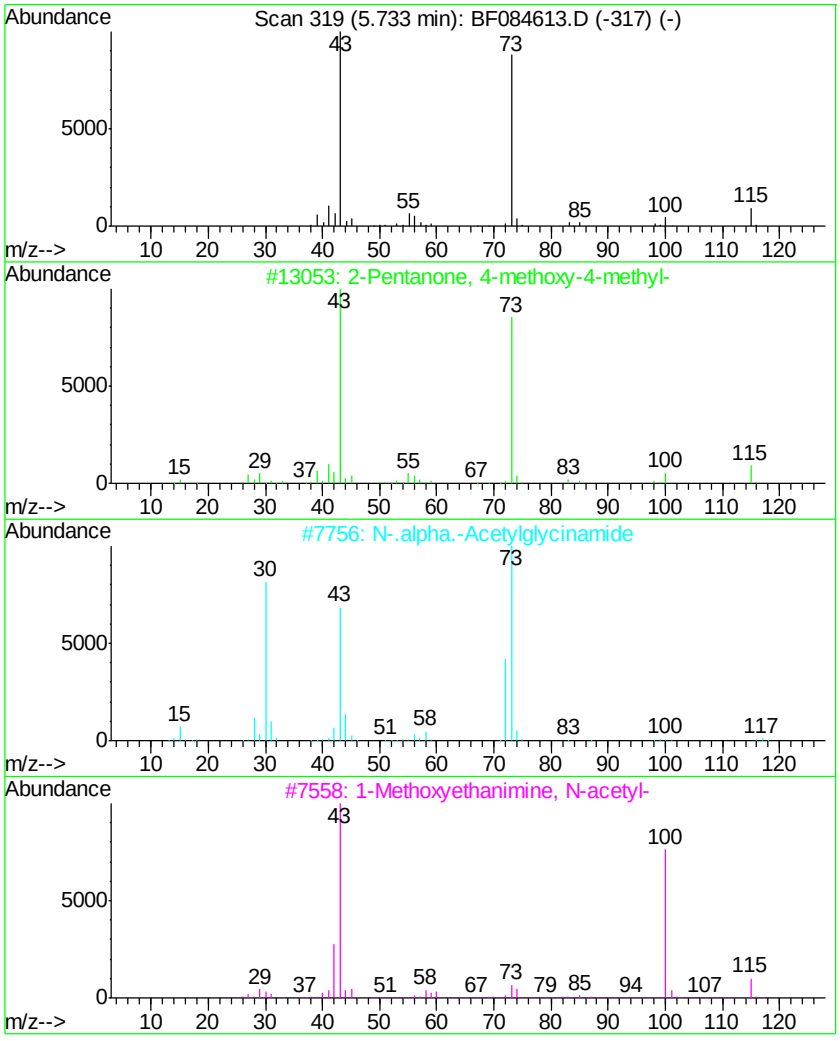
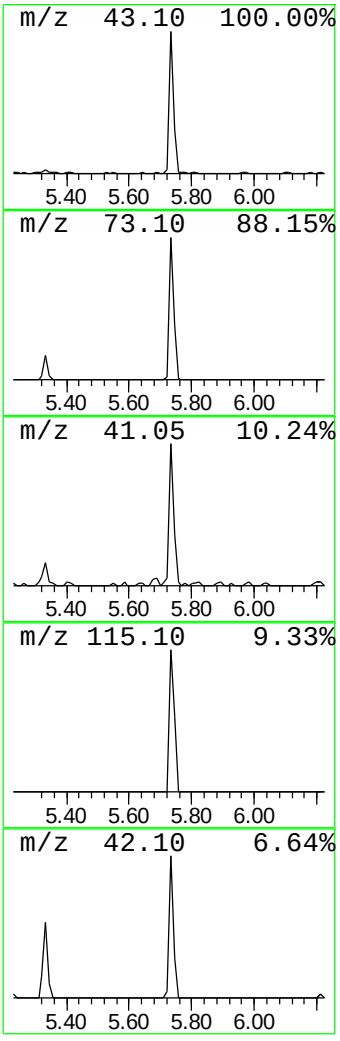
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	6.46 ng	381433	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	37
4	3,6-Heptanedione	128	C7H12O2	001703-51-1	17
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	12





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Sample : H1201-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-105

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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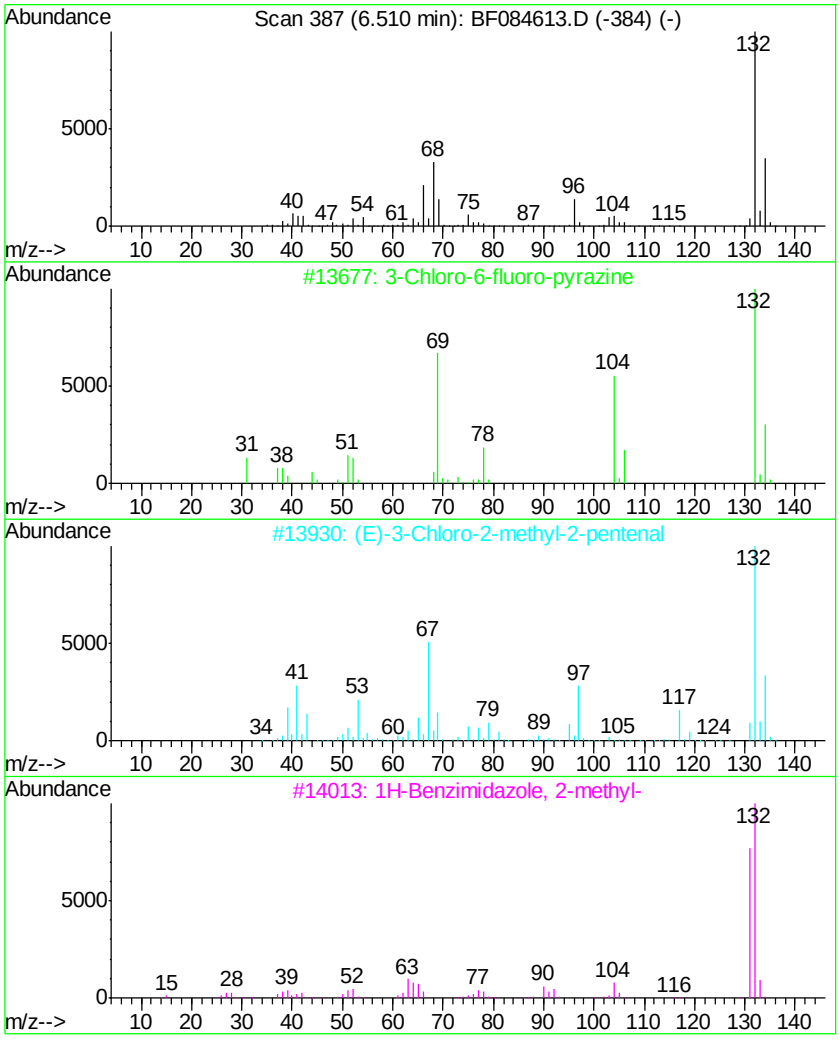
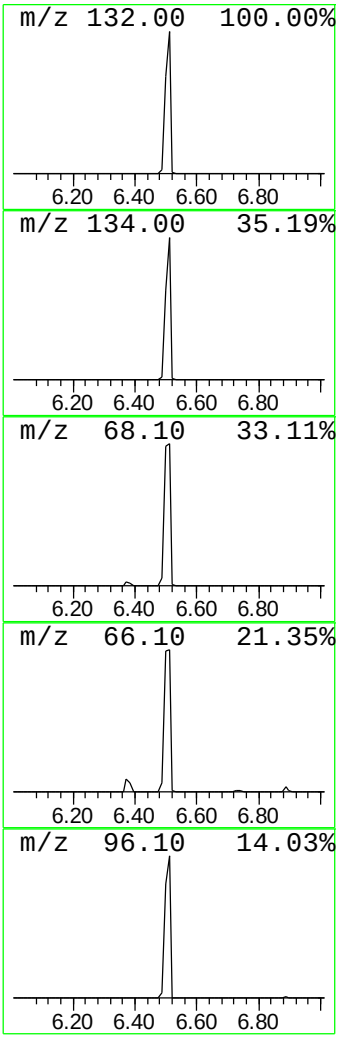
Peak Number 4 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	84.63 ng	5000500	1,4-Dichlorobenzene-d4	6.74

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	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : H1201-08
Misc :
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Instrument : BNA_F
ClientSampleId : MW-105

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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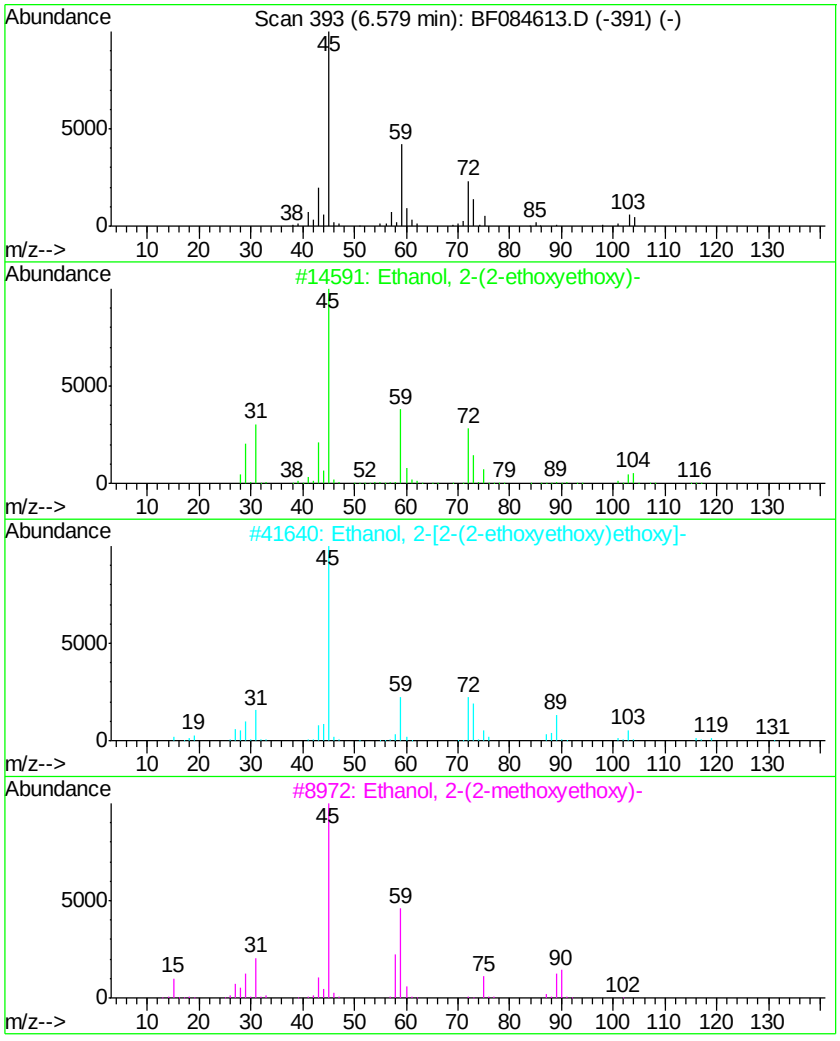
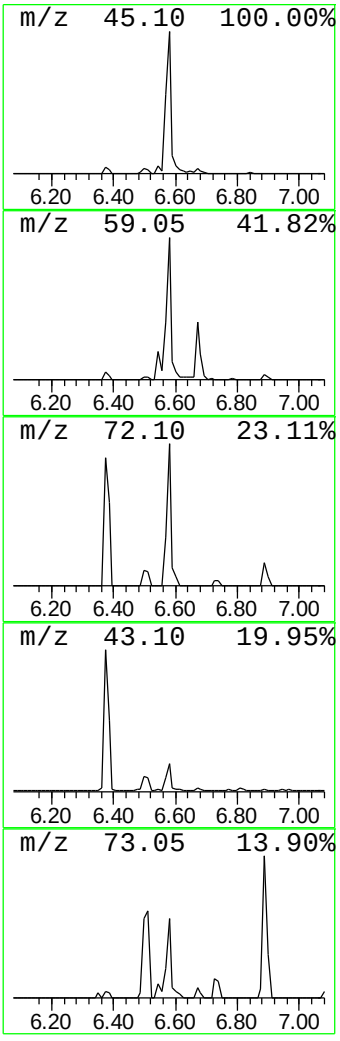
Peak Number 5 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	2.70 ng	159545	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	53
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45
4	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	38
5	Methoxymethyl isothiocyanate	103	C3H5NOS	019900-84-6	38





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Operator : SJ/IZ
Sample : H1201-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-105

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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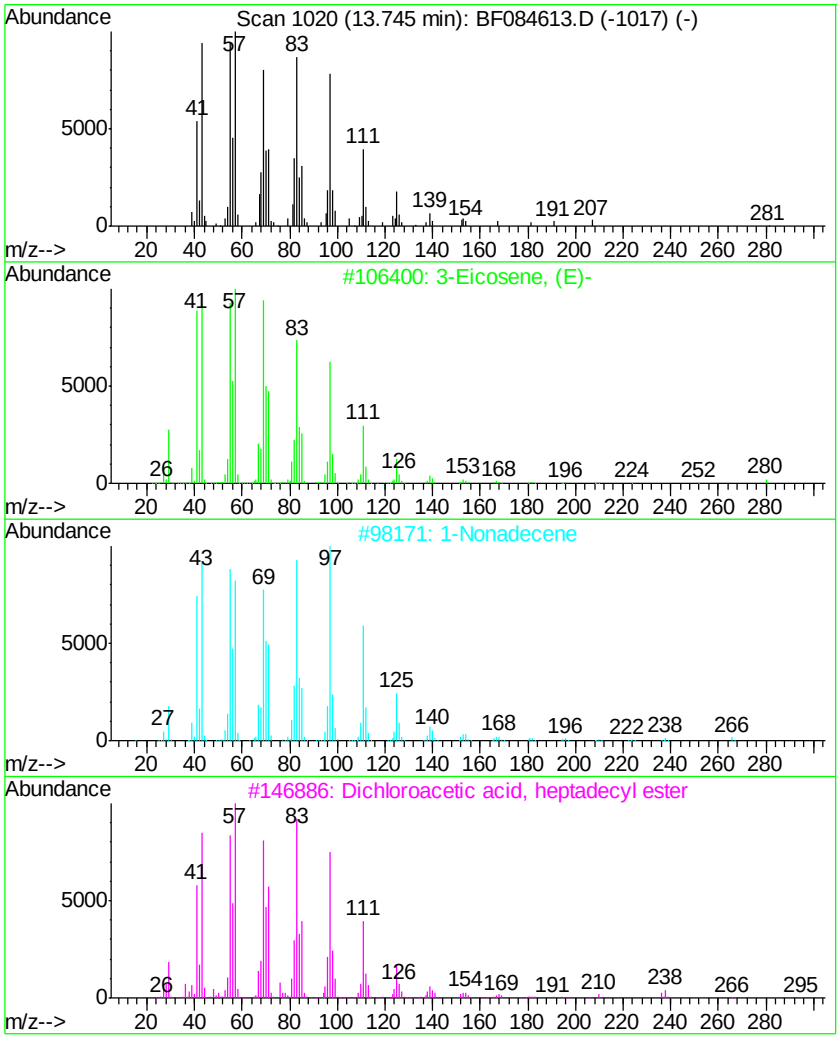
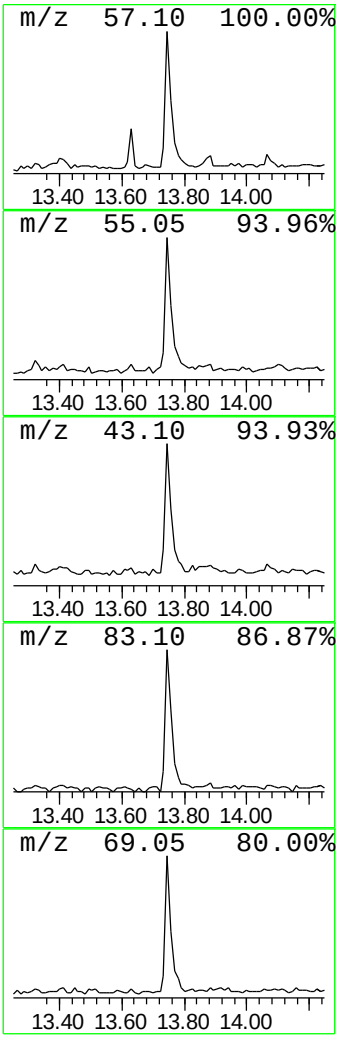
Peak Number 7 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	2.92 ng	260803	Chrysene-d12	13.88

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	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
4	1-Octadecanol	270	C18H38O	000112-92-5	87
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87





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
3-Penten-2-one, 4...	4.20	6.7	ng	398267	1	6.74	1181760	20.0
2-Pentanone, 4-hy...	4.90	34.8	ng	2053870	1	6.74	1181760	20.0
2-Pentanone, 4-me...	5.73	6.5	ng	381433	1	6.74	1181760	20.0
unknown6.51	6.51	84.6	ng	5000500	1	6.74	1181760	20.0
Ethanol, 2-(2-eth...	6.58	2.7	ng	159545	1	6.74	1181760	20.0
3-Eicosene, (E)-	13.75	2.9	ng	260803	5	13.88	1787070	20.0