LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
Data File : BF084609.D
Acq On : 25 Jan 2016 16:09
Operator : SJ/IZ
Sample : H1201-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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	380761	592240	7.19%	0.984%
2	4.361	197	199	202	rVB	106628	145215	1.76%	0.241%
3	4.898	243	246	249	rBV	1954414	2528871	30.72%	4.202%
4	5.333	282	284	287	rBV	3432184	3370952	40.95%	5.601%
5	5.733	317	319	322	rBV	504773	476551	5.79%	0.792%
6	6.384	373	376	378	rBV	2118593	2415899	29.35%	4.014%
7	6.510	384	387	389	rVB	5748922	6374783	77.44%	10.591%
8	6.579	391	393	395	rVB	222956	234016	2.84%	0.389%
9	6.739	404	407	409	rBV	1080830	1301628	15.81%	2.163%
10	6.887	418	420	423	rBV	3753310	5163588	62.73%	8.579%
11	7.310	453	457	459	rBV	4301133	5178551	62.91%	8.604%
12	8.019	517	519	522	rBV	1883189	1746937	21.22%	2.902%
13	9.105	611	614	616	rBV	7767779	7826027	95.07%	13.002%
14	9.493	646	648	654	rBV	66671	104815	1.27%	0.174%
15	9.768	670	672	675	rBV	1536275	2041096	24.80%	3.391%
16	9.813	675	676	680	rBV3	74482	102130	1.24%	0.170%
17	10.568	738	742	744	rBV	5068302	5971633	72.55%	9.921%
18	11.253	799	802	804	rBV	2548803	2190971	26.62%	3.640%
19	11.802	847	850	860	rBV2	792183	899935	10.93%	1.495%
20	12.591	917	919	925	rBV	155702	250591	3.04%	0.416%
21	12.842	938	941	944	rVB	5692445	8231605	100.00%	13.676%
22	13.745	1018	1020	1024	rBV	109064	167167	2.03%	0.278%
23	13.882	1030	1032	1035	rBV	1631530	1725980	20.97%	2.868%
24	15.277	1151	1154	1156	rBV	896387	1148452	13.95%	1.908%

Sum of corrected areas: 60189633

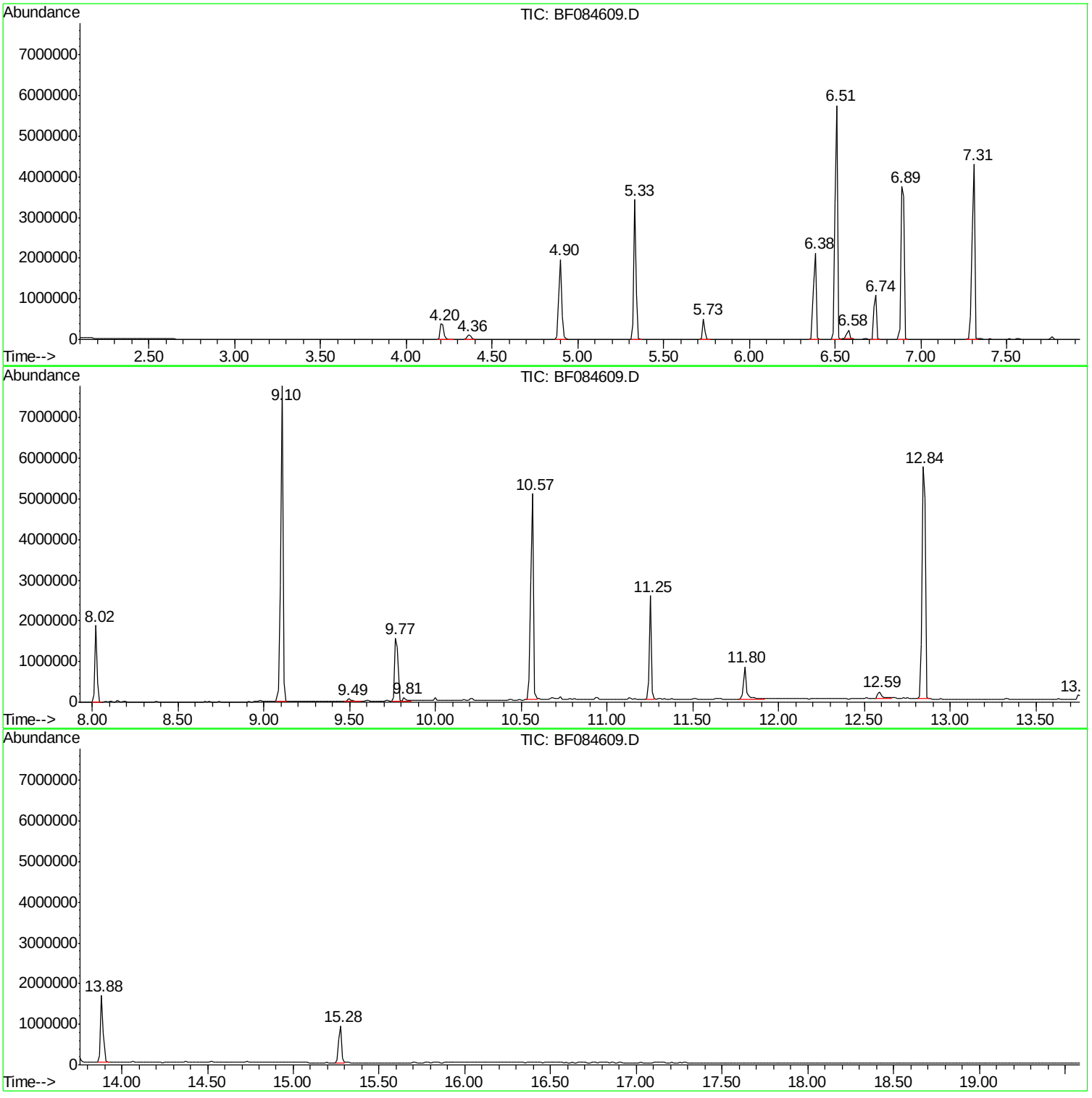
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
Data File : BF084609.D
Acq On : 25 Jan 2016 16:09
Operator : SJ/IZ
Sample : H1201-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
Data File : BF084609.D
Acq On : 25 Jan 2016 16:09
Operator : SJ/IZ
Sample : H1201-04
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

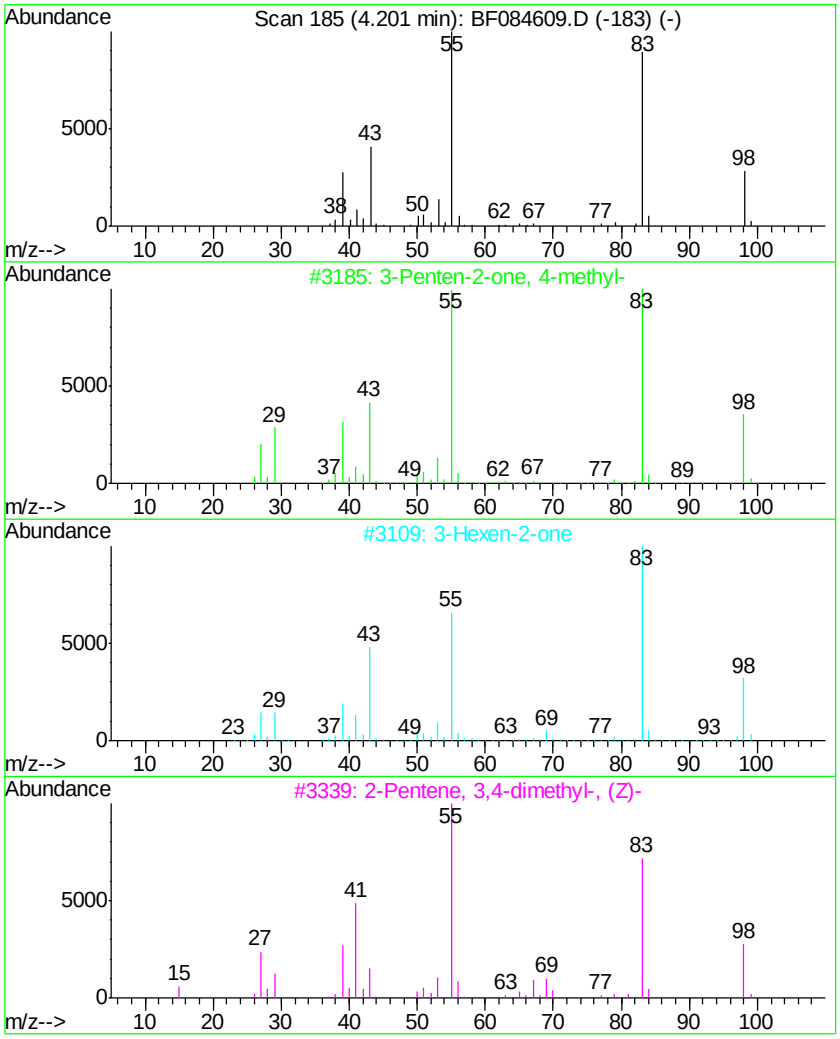
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

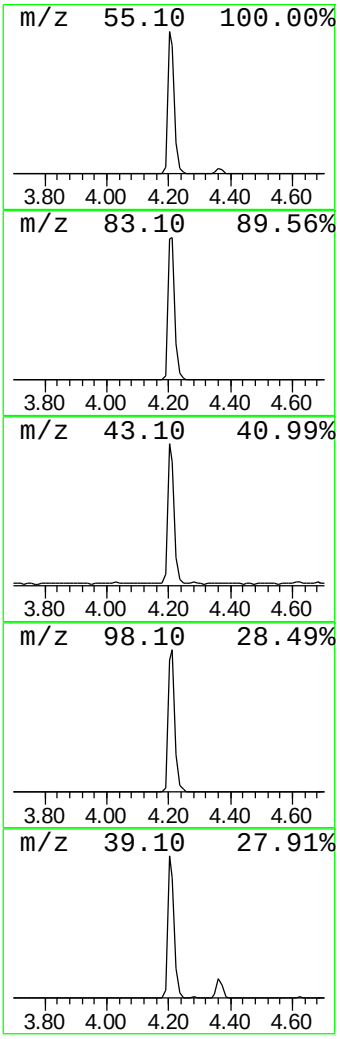
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	9.10 ng	592240	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	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
5	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	72





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Data File : BF084609.D
Acq On : 25 Jan 2016 16:09
Operator : SJ/IZ
Sample : H1201-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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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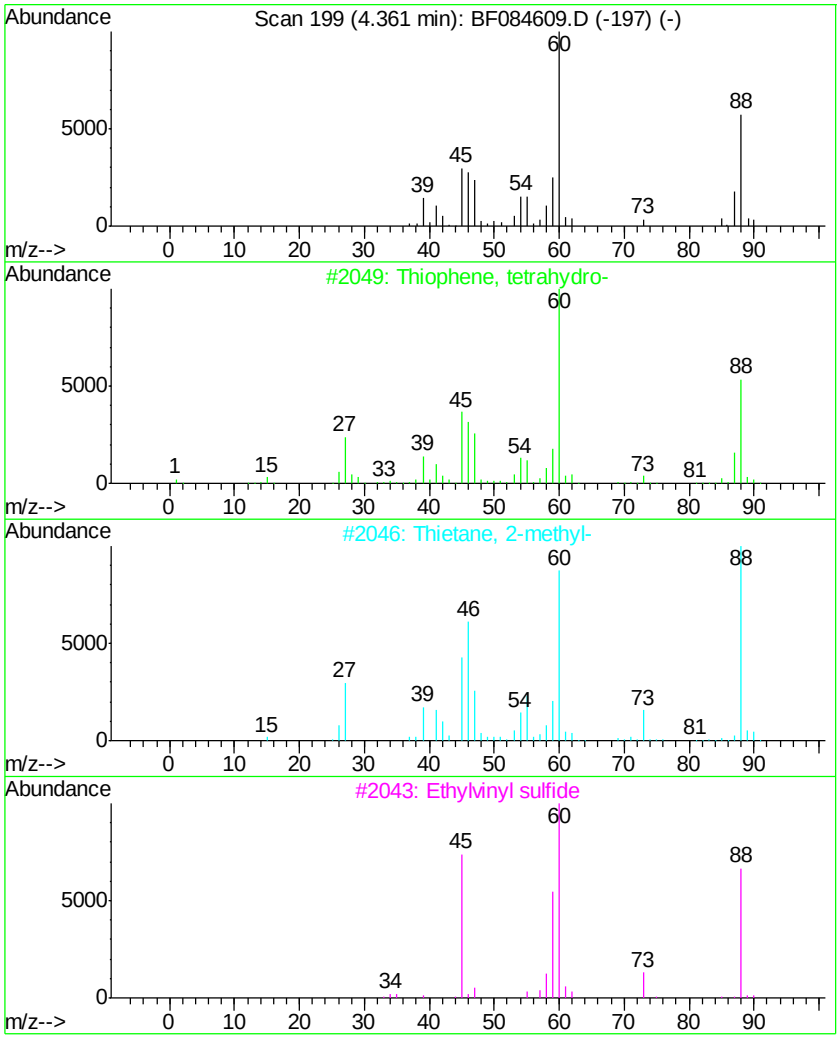
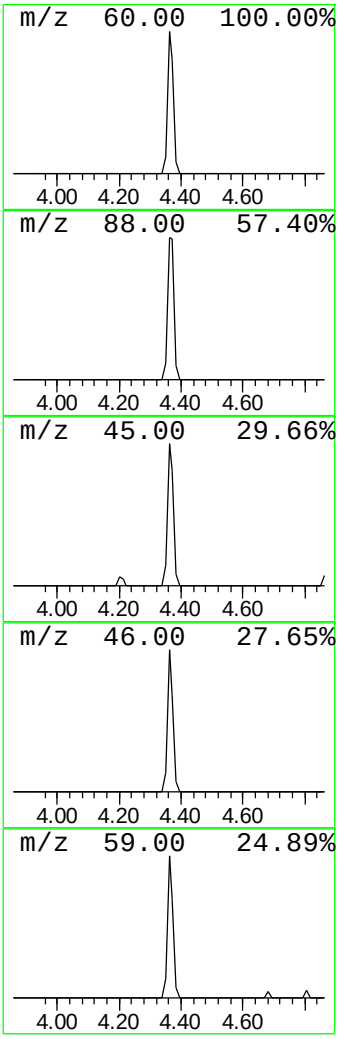
Peak Number 2 Thiophene, tetrahydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.36	2.23 ng	145215	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	95
2	Thietane, 2-methyl-	88	C4H8S	017837-41-1	52
3	Ethylvinyl sulfide	88	C4H8S	000627-50-9	40
4	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	38
5	Sulfide, allyl methyl	88	C4H8S	010152-76-8	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
Data File : BF084609.D
Acq On : 25 Jan 2016 16:09
Operator : SJ/IZ
Sample : H1201-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

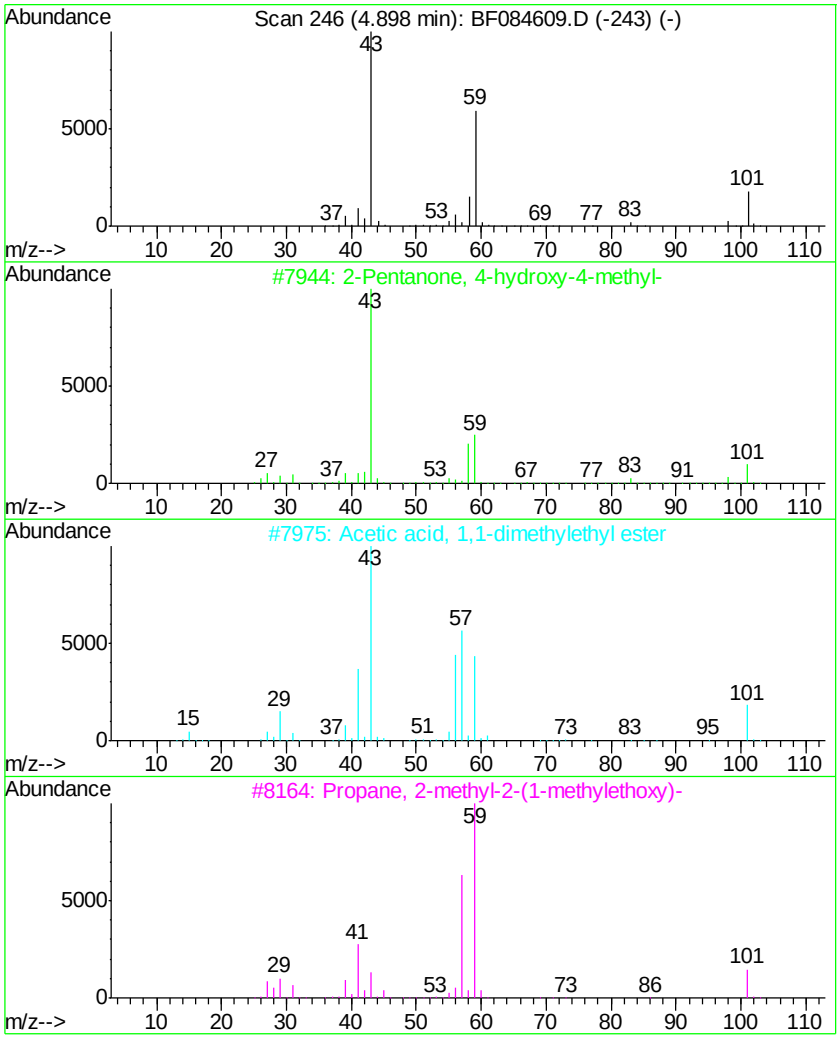
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

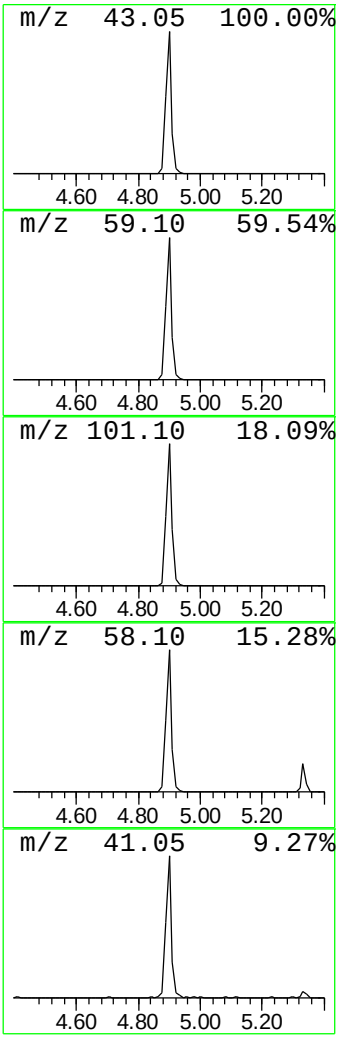
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	38.86 ng	2528870	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	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
Data File : BF084609.D
Acq On : 25 Jan 2016 16:09
Operator : SJ/IZ
Sample : H1201-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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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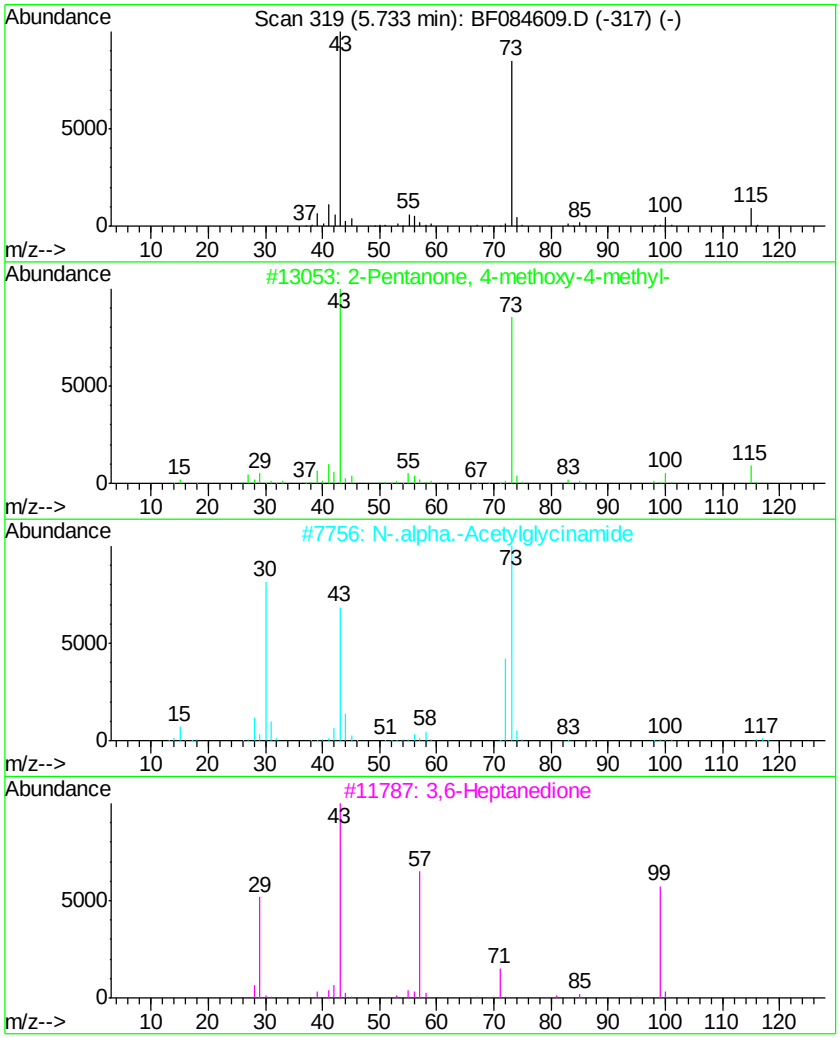
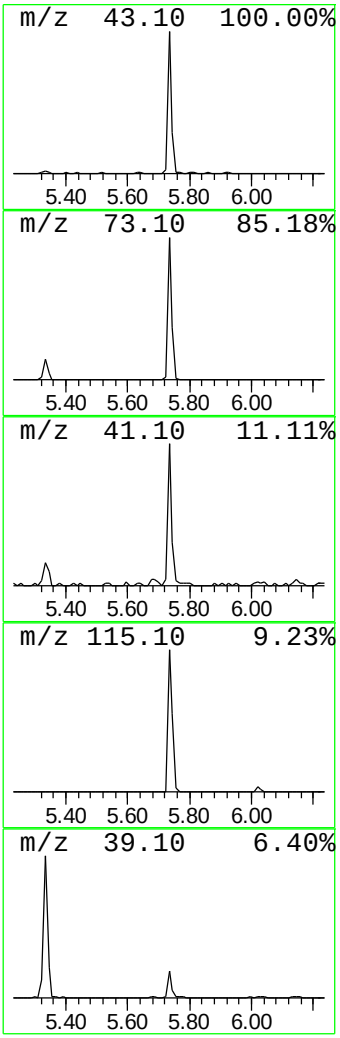
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	7.32 ng	476551	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	3,6-Heptanedione	128	C7H12O2	001703-51-1	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
Data File : BF084609.D
Acq On : 25 Jan 2016 16:09
Operator : SJ/IZ
Sample : H1201-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

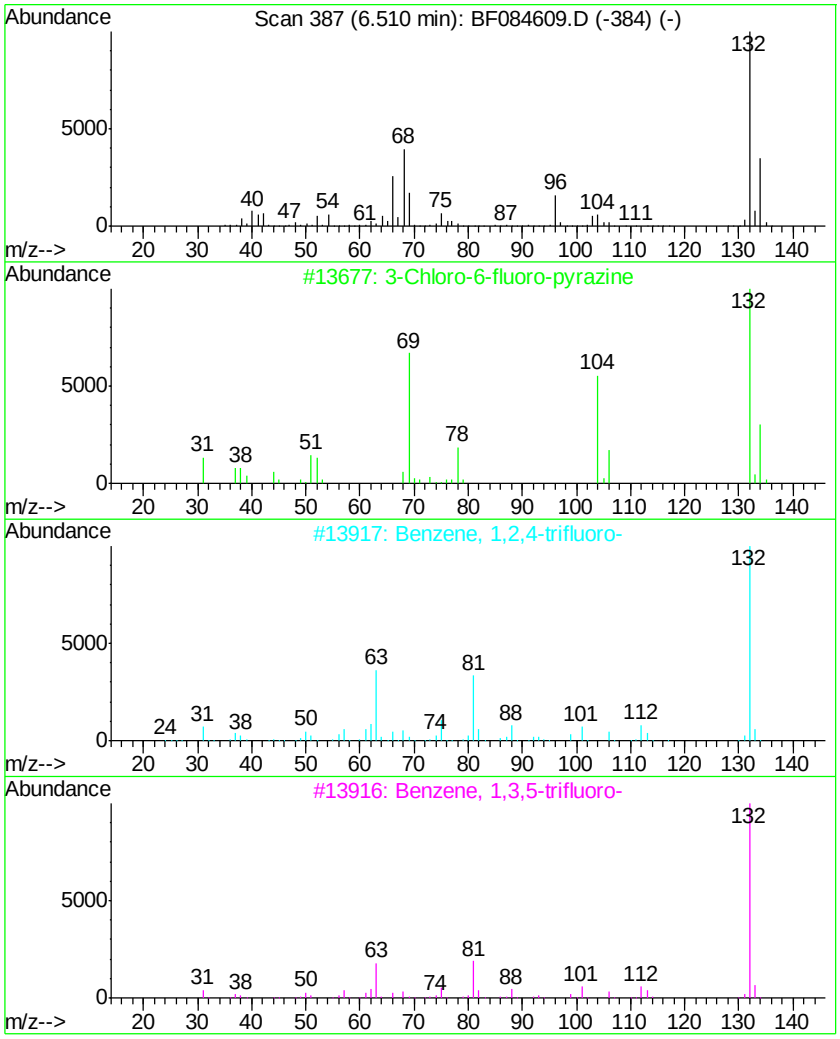
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

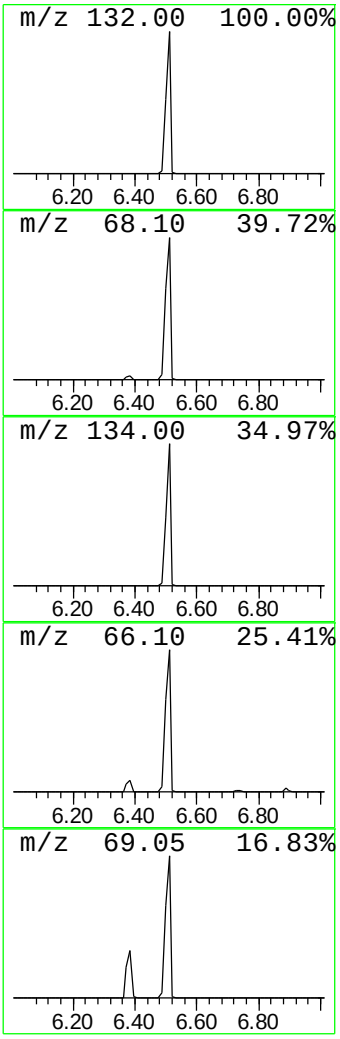
****

Peak Number 5 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	97.95 ng	6374780	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	27
2	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

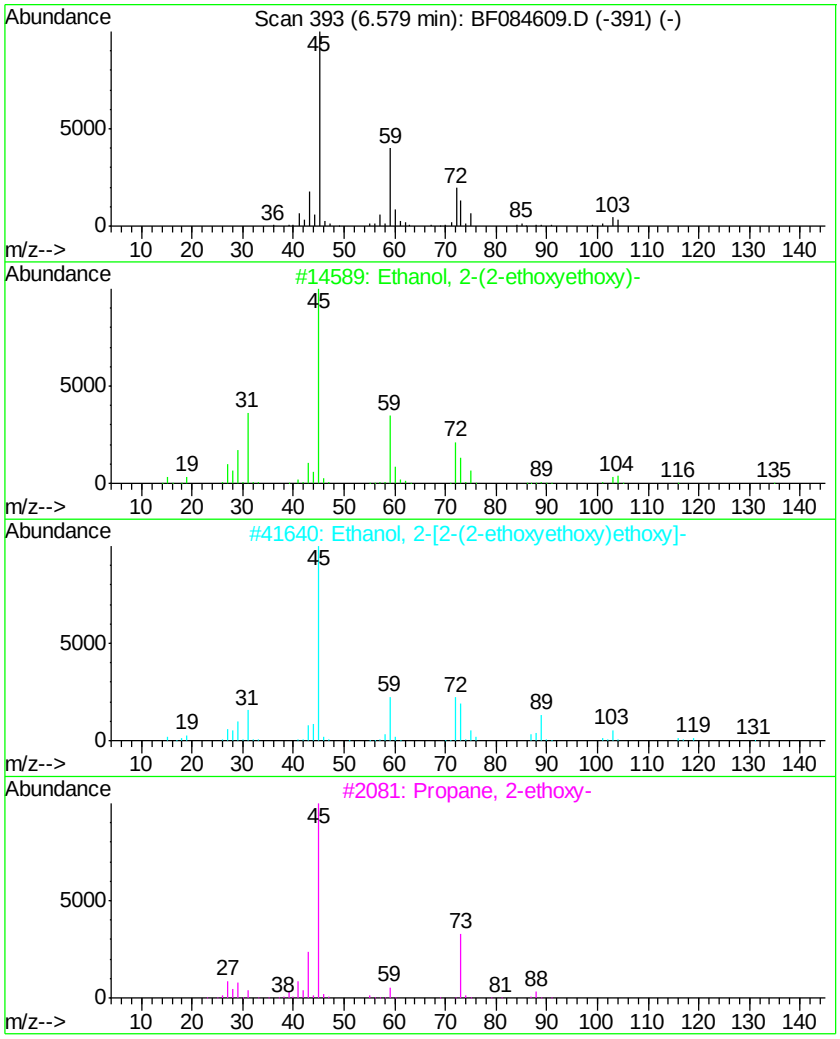
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

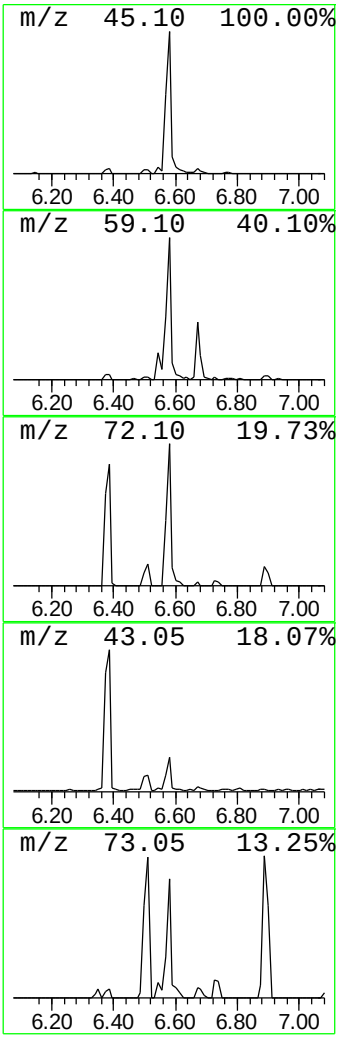
****

Peak Number 6 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	3.60 ng	234016	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	83
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	59
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
5	2-Methoxyisopropyl cyanoacetate	157	C7H11NO3	032804-79-8	38





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Sample : H1201-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-02

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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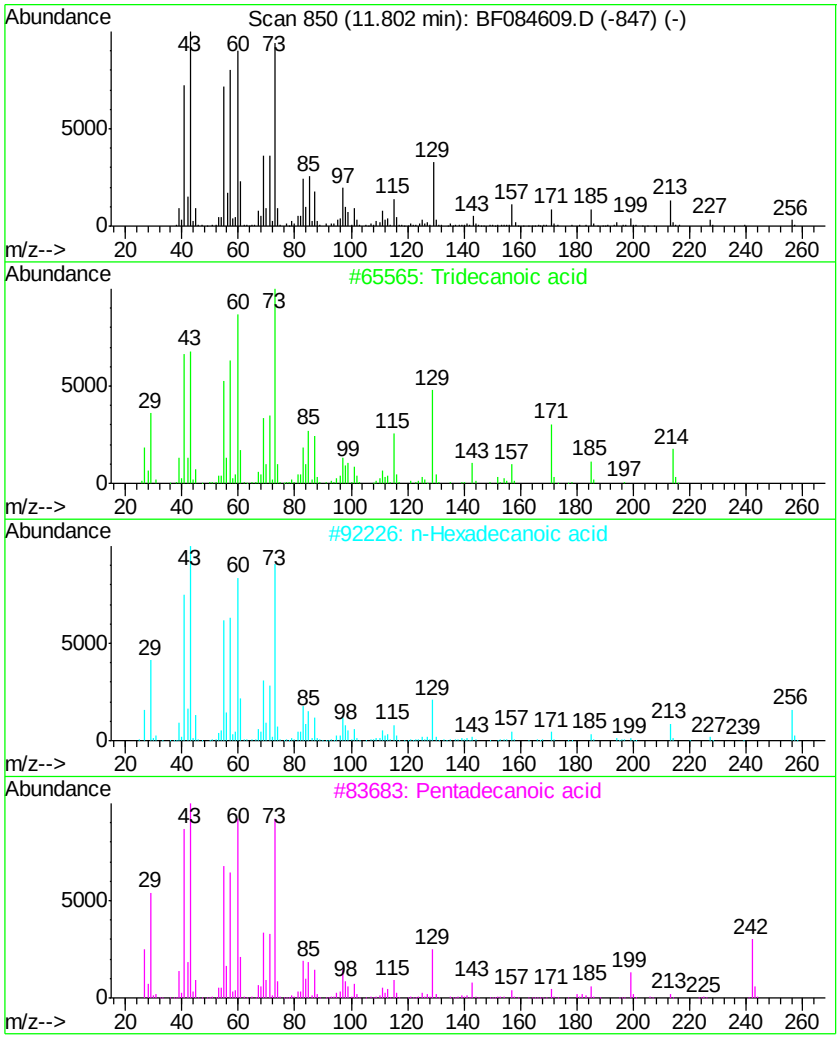
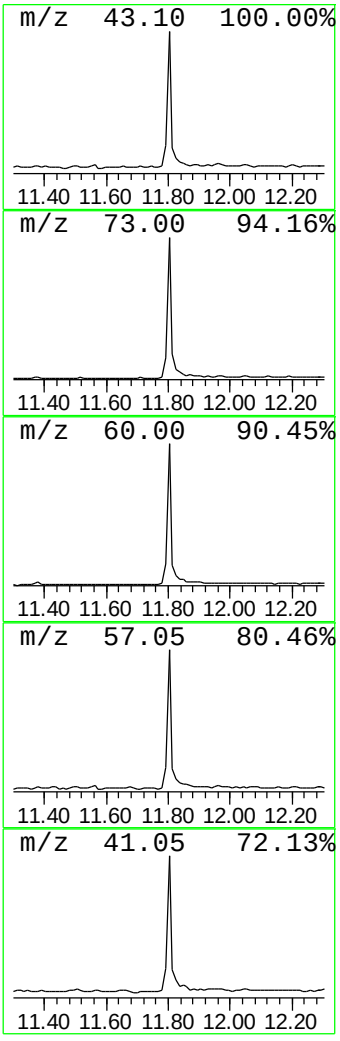
Peak Number 8 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	8.21 ng	899935	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





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Sample : H1201-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

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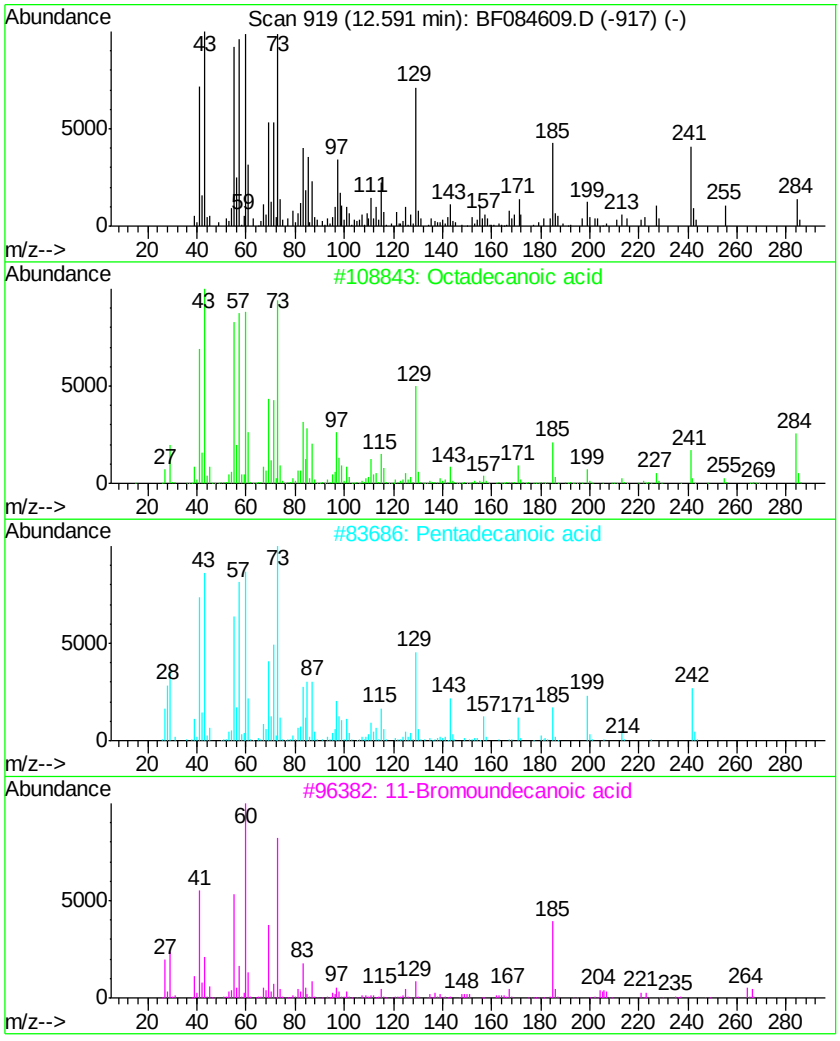
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

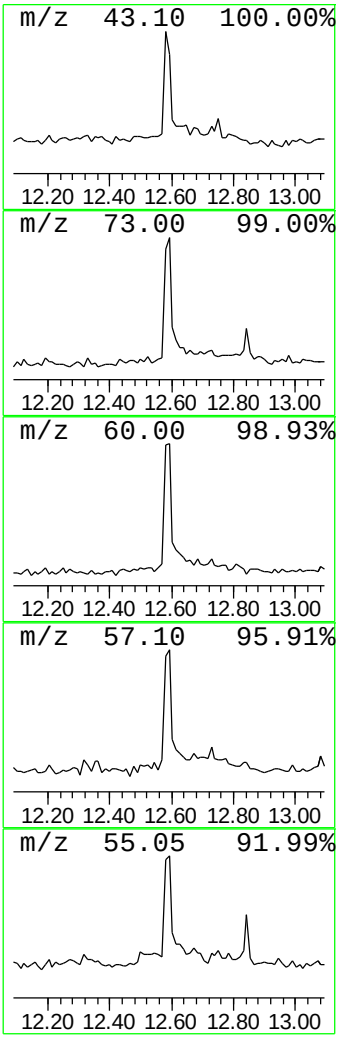
****

Peak Number 9 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.90 ng	250591	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	45
3	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	38
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012516\
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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	9.1	ng	592240	1	6.74	1301630	20.0
Thiophene, tetrah...	4.36	2.2	ng	145215	1	6.74	1301630	20.0
2-Pentanone, 4-hy...	4.90	38.9	ng	2528870	1	6.74	1301630	20.0
2-Pentanone, 4-me...	5.73	7.3	ng	476551	1	6.74	1301630	20.0
unknown6.51	6.51	98.0	ng	6374780	1	6.74	1301630	20.0
Ethanol, 2-(2-eth...	6.58	3.6	ng	234016	1	6.74	1301630	20.0
Tridecanoic acid	11.80	8.2	ng	899935	4	11.25	2190970	20.0
Octadecanoic acid	12.59	2.9	ng	250591	5	13.88	1725980	20.0