LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
Data File : BF088870.D
Acq On : 9 Jul 2016 14:42
Operator : UM/SJ
Sample : H3813-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DL001-01

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-BF063016.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	1.804	17	19	36	rVB	817305	1027380	100.00%	17.342%
2	2.753	101	102	104	rVB	33630	23803	2.32%	0.402%
3	6.719	447	449	451	rBB	470676	412447	40.15%	6.962%
4	7.999	559	561	564	rBV	519957	528636	51.45%	8.923%
5	8.102	566	570	571	rBV	17546	20008	1.95%	0.338%
6	8.136	571	573	575	rVB	101006	79341	7.72%	1.339%
7	8.410	589	597	599	rBV	359780	858212	83.53%	14.486%
8	8.730	623	625	628	rBB	62835	59839	5.82%	1.010%
9	8.959	639	645	647	rBV	365022	606551	59.04%	10.238%
10	9.748	712	714	717	rBB	567927	629409	61.26%	10.624%
11	11.222	841	843	846	rBV2	565375	677489	65.94%	11.436%
12	13.851	1071	1073	1075	rBV	689047	609661	59.34%	10.291%
13	15.222	1190	1193	1196	rBV	340771	391508	38.11%	6.609%

Sum of corrected areas: 5924284

LSC Report - Integrated Chromatogram

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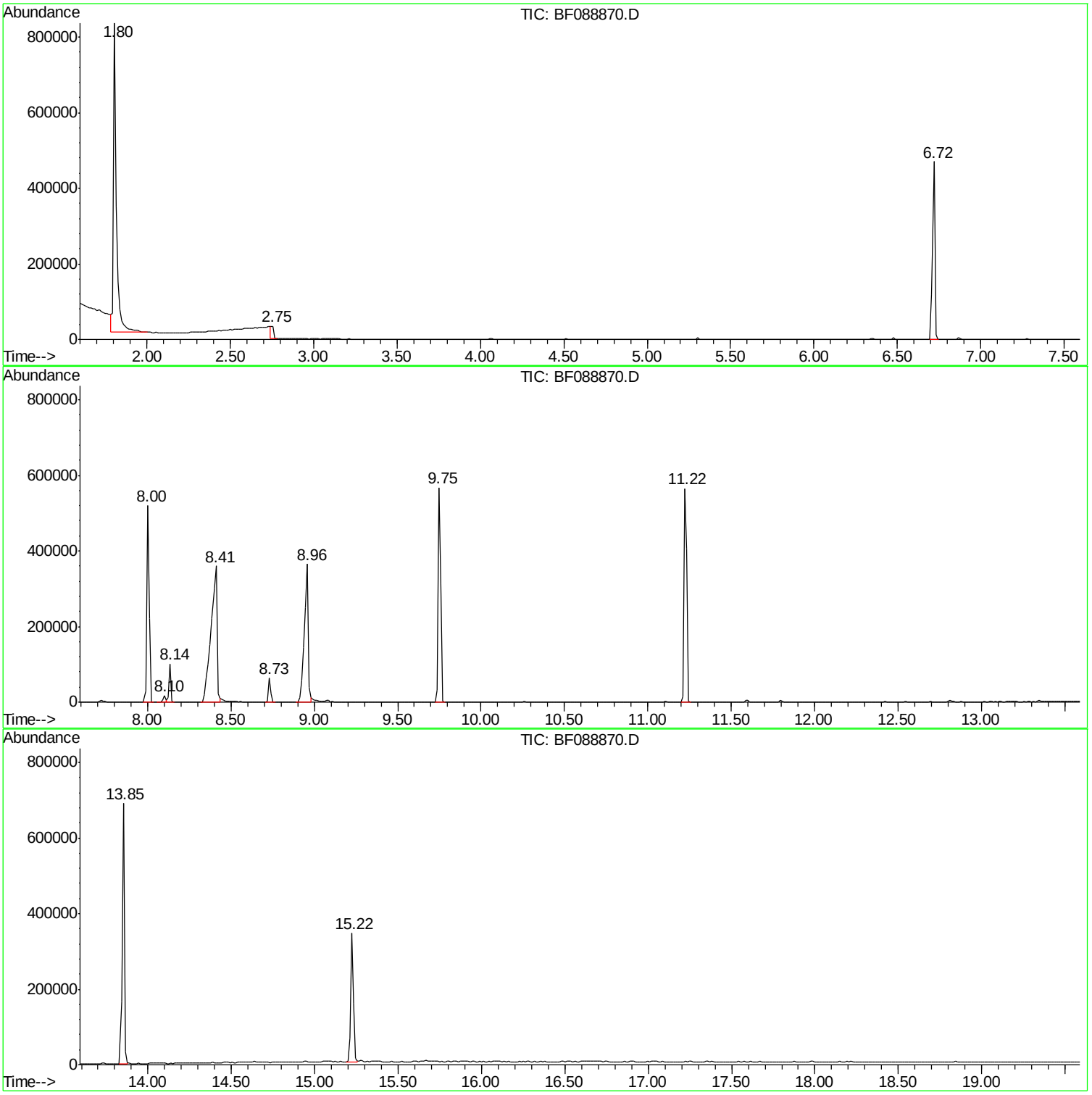
ClientSampleId :
P001-DL001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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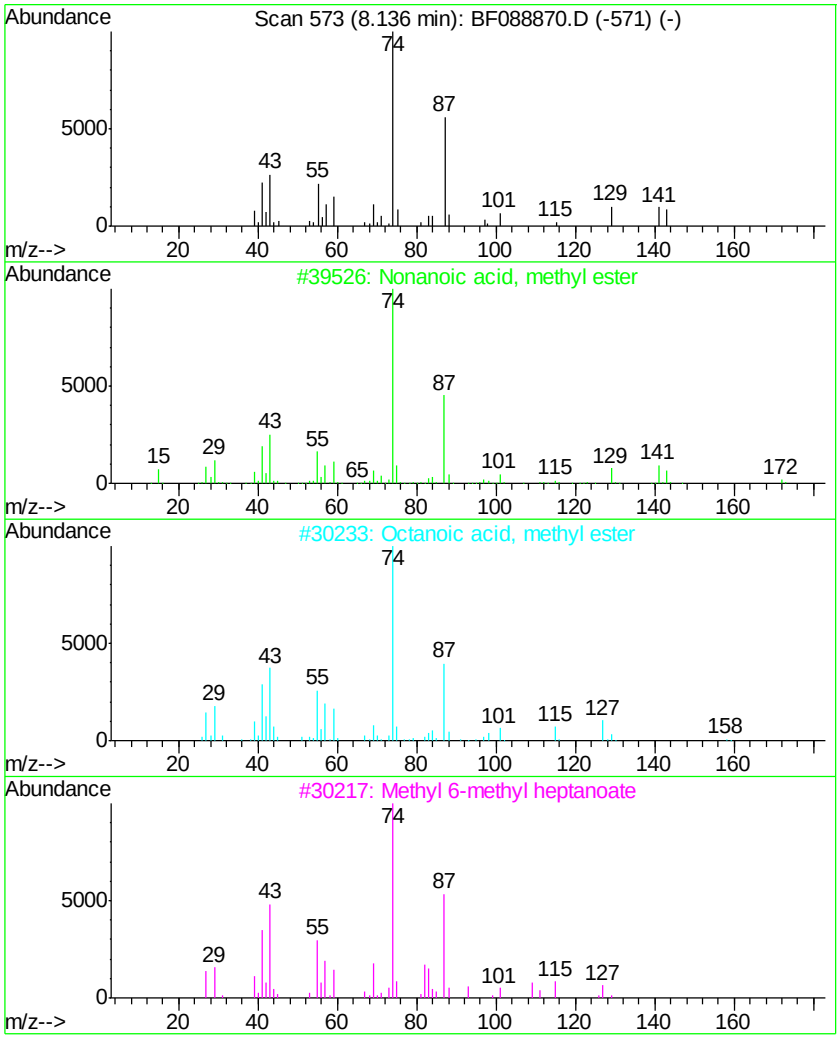
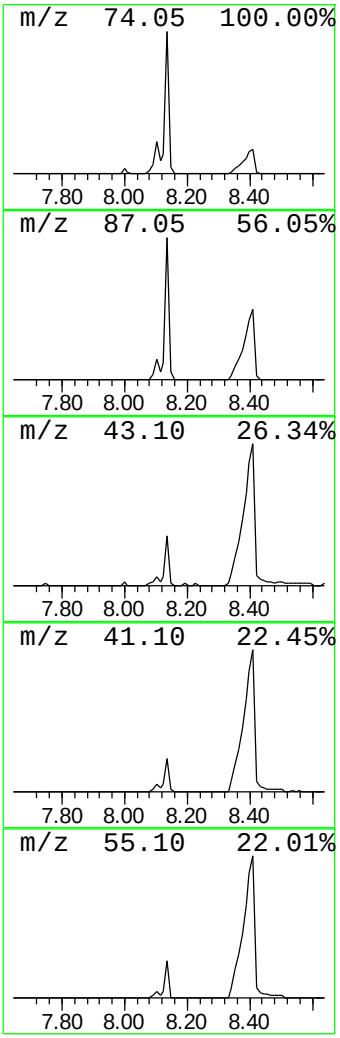
Peak Number 2 Nonanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	3.00 ng	79341	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	90
2	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	50
3	Methyl 6-methyl heptanoate	158	C9H18O2	002519-37-1	50
4	Methyl valerate	116	C6H12O2	000624-24-8	45
5	Pentanoic acid, 4-methyl-, methy...	130	C7H14O2	002412-80-8	38





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Misc :
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Instrument : BNA_F
ClientSampleId : P001-DL001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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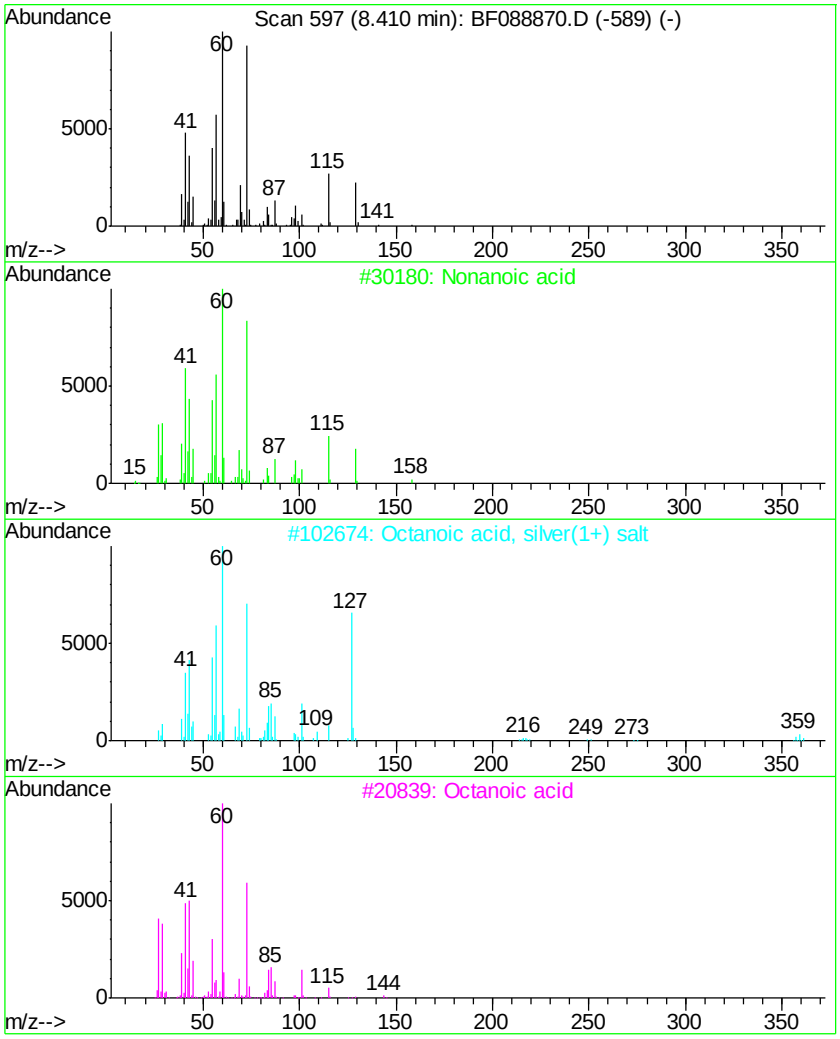
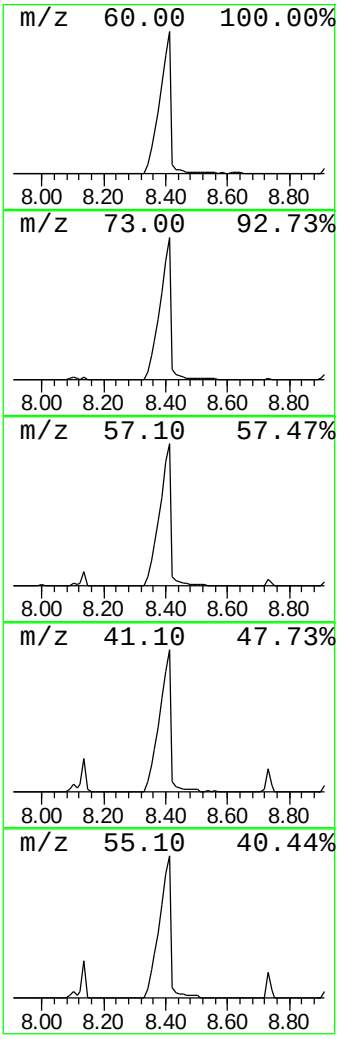
Peak Number 3 Nonanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	32.47 ng	858212	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	86
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	50
3	Octanoic acid	144	C8H16O2	000124-07-2	50
4	3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	47
5	Heptanoic acid	130	C7H14O2	000111-14-8	43





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Sample : H3813-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DL001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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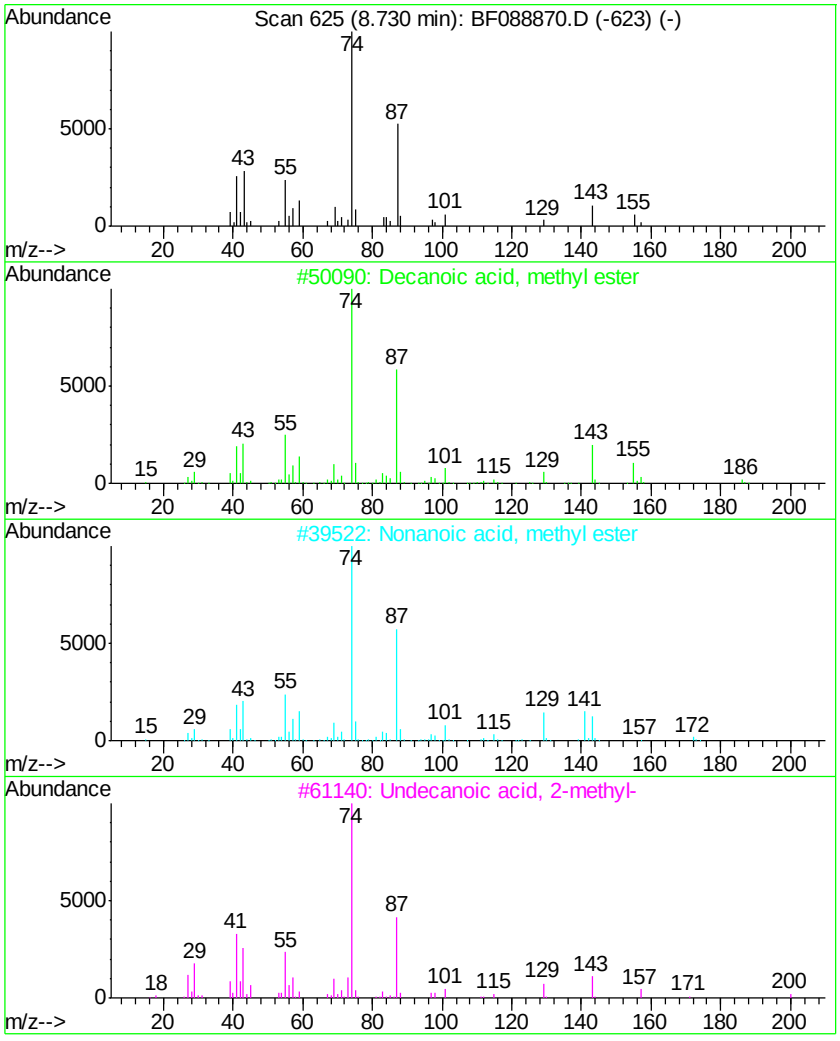
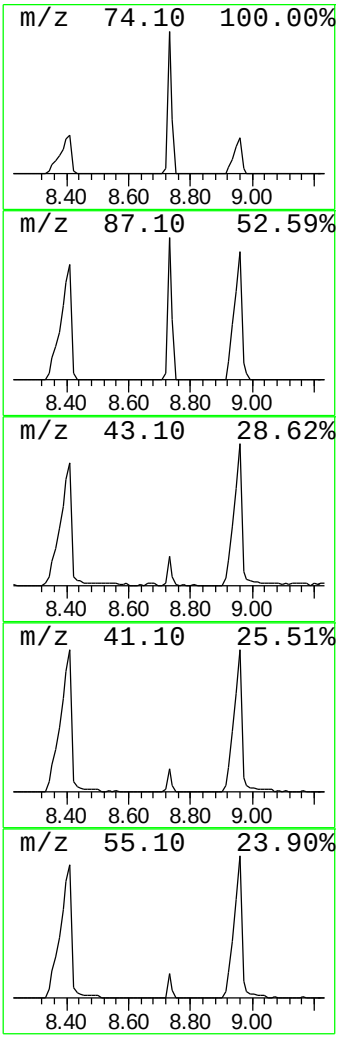
Peak Number 4 Decanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	2.26 ng	59839	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	90
2	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	83
3	Undecanoic acid, 2-methyl-	200	C12H24O2	024323-25-9	64
4	Decanoic acid, 2-methyl-	186	C11H22O2	024323-23-7	59
5	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	56





Library Search Compound Report

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Acq On : 9 Jul 2016 14:42
Operator : UM/SJ
Sample : H3813-02 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DL001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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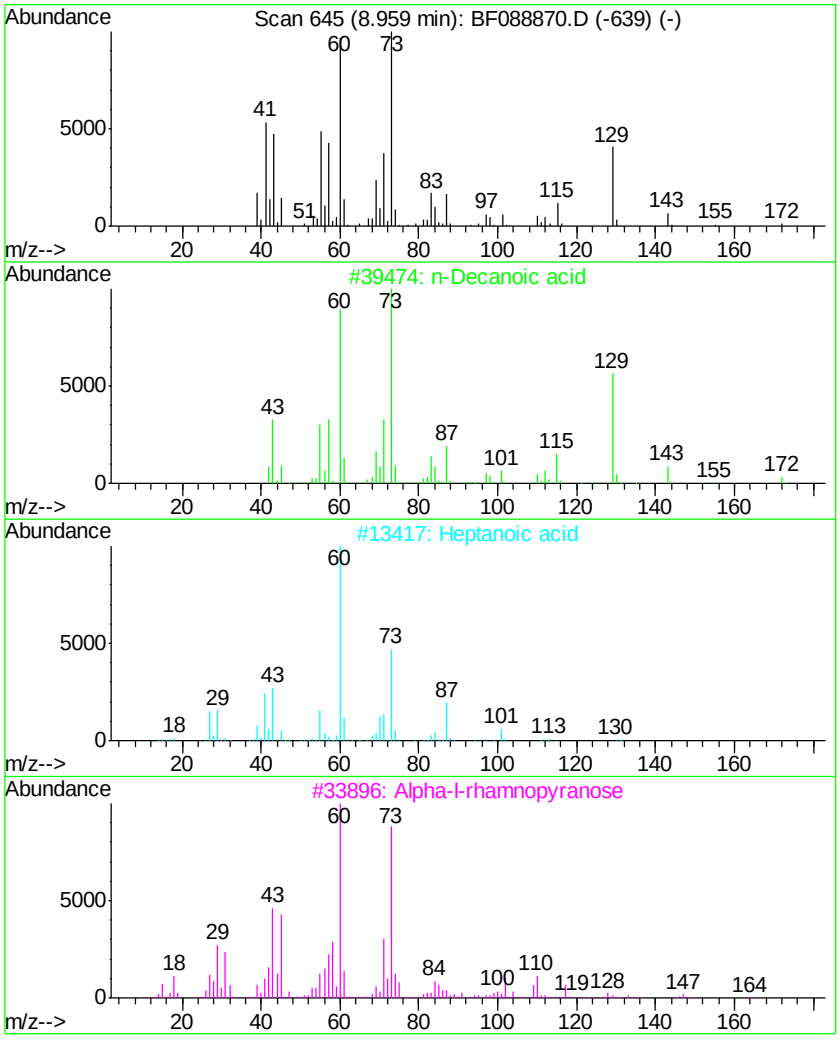
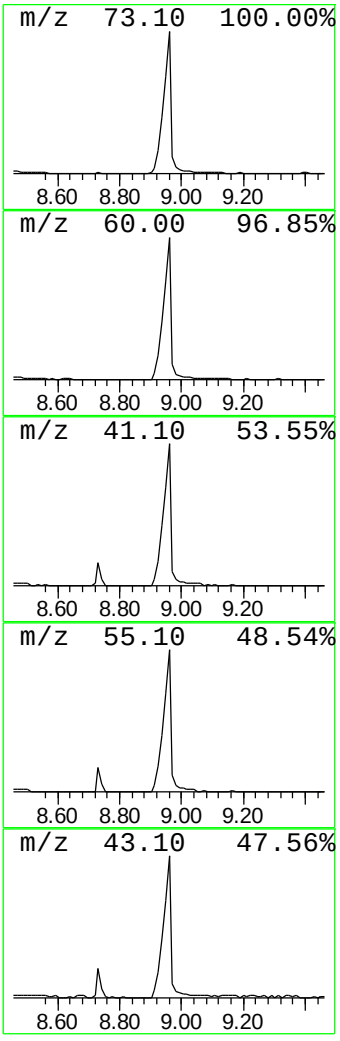
Peak Number 5 n-Decanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	19.27 ng	606551	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	95
2	Heptanoic acid	130	C7H14O2	000111-14-8	47
3	Alpha-l-rhamnopyranose	164	C6H12O5	035810-56-1	47
4	Octanoic acid	144	C8H16O2	000124-07-2	46
5	Hexanoic acid	116	C6H12O2	000142-62-1	43





Tentatively Identified Compound (LSC) summary

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ClientSampleId : P001-DL001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonanoic acid, me...	8.14	3.0	ng	79341	2	8.00	528636	20.0
Nonanoic acid	8.41	32.5	ng	858212	2	8.00	528636	20.0
Decanoic acid, me...	8.73	2.3	ng	59839	2	8.00	528636	20.0
n-Decanoic acid	8.96	19.3	ng	606551	3	9.75	629409	20.0