LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089610.D
Acq On : 5 Aug 2016 3:34
Operator : UM/SJ
Sample : H4348-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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-BF080416.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	4.650	265	268	282	rBV	147789	302938	22.28%	3.116%
2	5.336	326	328	347	rBV	153921	352790	25.94%	3.629%
3	6.970	469	471	479	rBV4	78989	215297	15.83%	2.214%
4	7.084	479	481	500	rVB	579579	848542	62.40%	8.728%
5	7.439	511	512	530	rBV	108652	243411	17.90%	2.504%
6	7.679	530	533	553	rVV	604481	888313	65.32%	9.137%
7	8.353	589	592	615	rBV	353589	683791	50.28%	7.033%
8	9.473	687	690	710	rBV	201503	360211	26.49%	3.705%
9	11.245	842	845	848	rBV	878736	1359905	100.00%	13.987%
10	11.942	904	906	914	rBB	26020	35181	2.59%	0.362%
11	12.285	934	936	945	rBV	266385	432453	31.80%	4.448%
12	12.868	980	987	990	rBV	224045	592380	43.56%	6.093%
13	13.154	1009	1012	1014	rVB	21521	27700	2.04%	0.285%
14	13.508	1037	1043	1047	rBV	8382	21772	1.60%	0.224%
15	13.577	1047	1049	1058	rBV	500926	702596	51.67%	7.226%
16	13.919	1077	1079	1084	rBV	28286	44400	3.26%	0.457%
17	14.651	1140	1143	1144	rBV	11744	13851	1.02%	0.142%
18	14.685	1144	1146	1154	rVB	296154	423709	31.16%	4.358%
19	15.702	1232	1235	1245	rBV	89311	150039	11.03%	1.543%
20	16.800	1328	1331	1339	rBV	45173	79034	5.81%	0.813%
21	17.051	1350	1353	1365	rVB	1063433	1278763	94.03%	13.153%
22	18.320	1461	1464	1468	rBV	42264	92030	6.77%	0.947%
23	18.377	1468	1469	1476	rVB	223049	330606	24.31%	3.400%
24	20.046	1612	1615	1624	rBV	158781	242832	17.86%	2.498%

Sum of corrected areas: 9722544

LSC Report - Integrated Chromatogram

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Operator : UM/SJ
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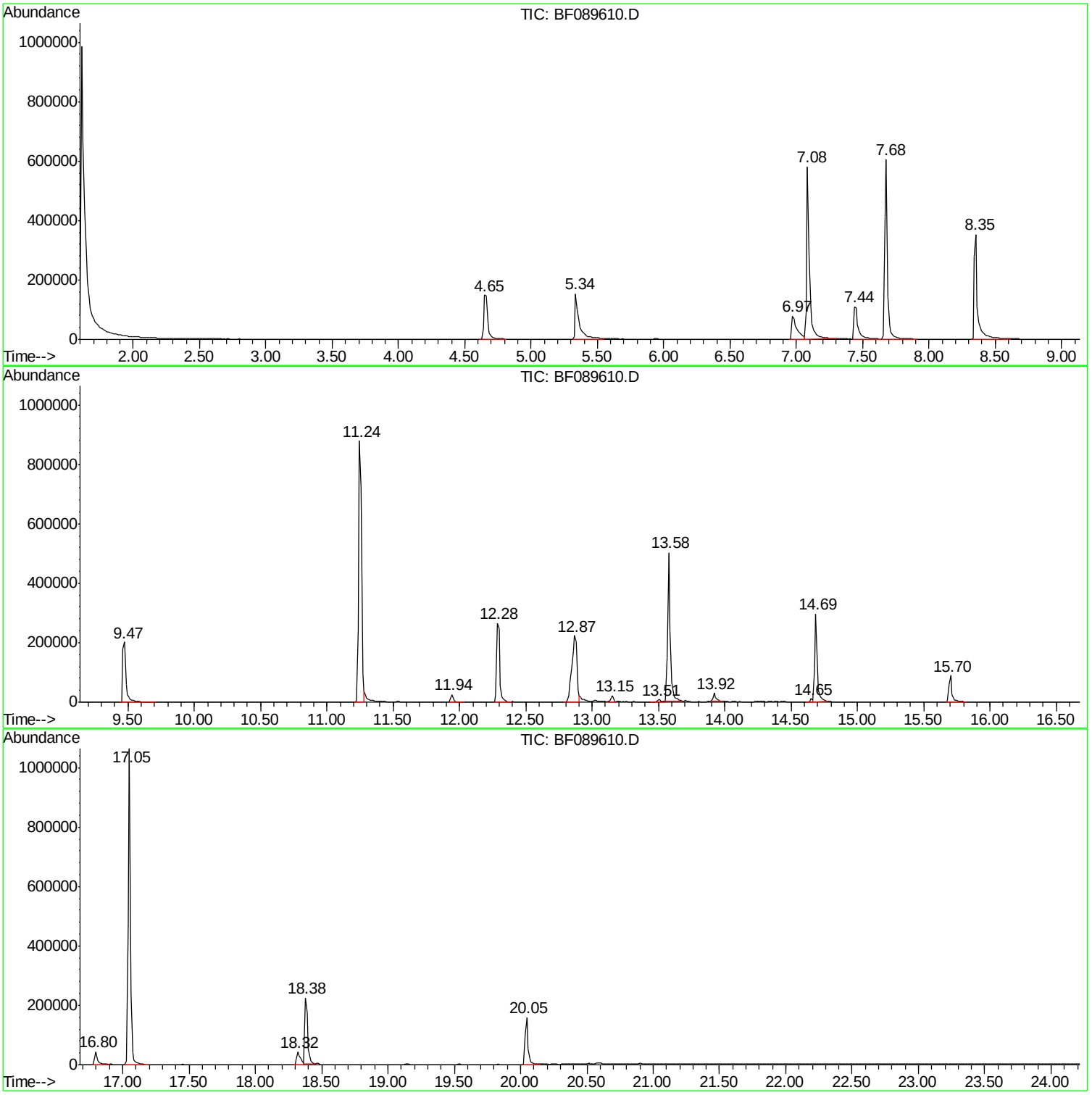
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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Operator : UM/SJ
Sample : H4348-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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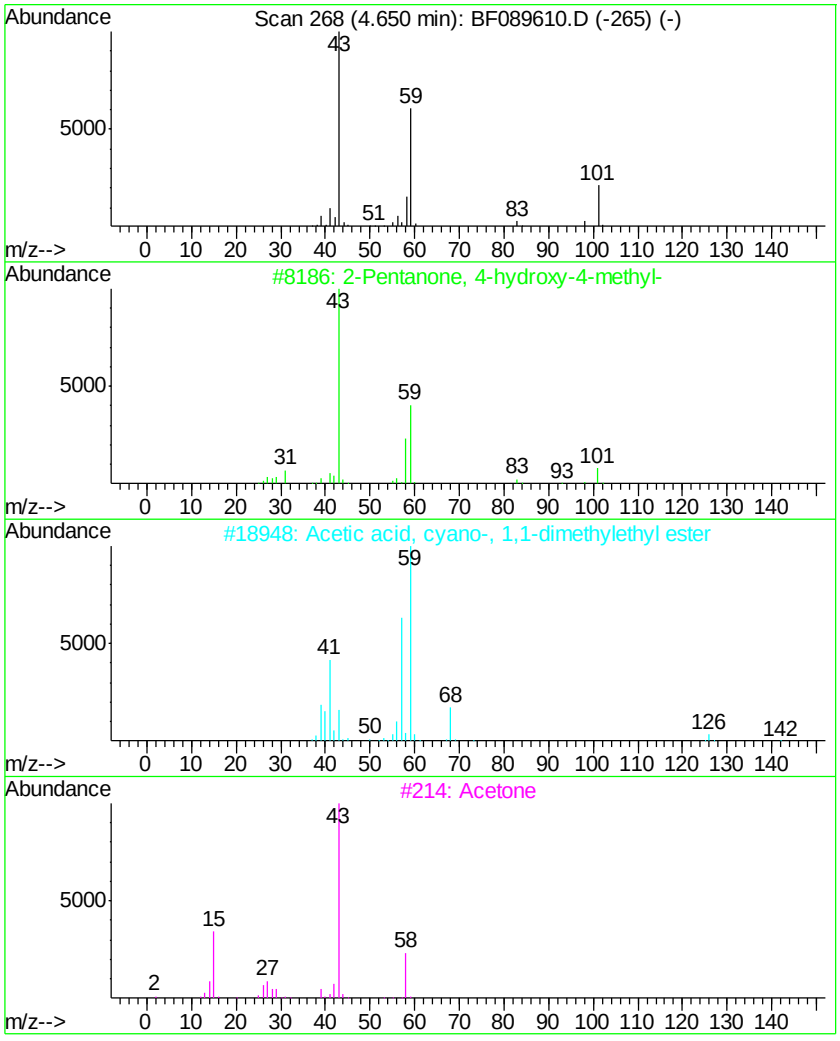
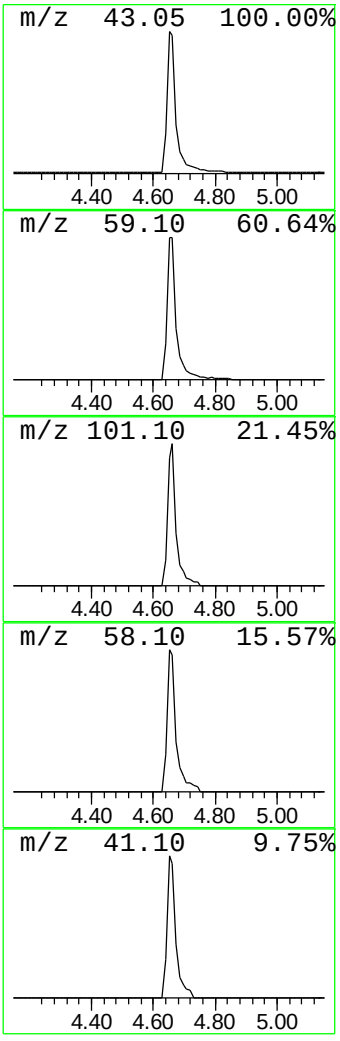
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	24.89 ng	302938	1,4-Dichlorobenzene-d4	7.45

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	Acetone	58	C3H6O	000067-64-1	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : UM/SJ
Sample : H4348-03
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Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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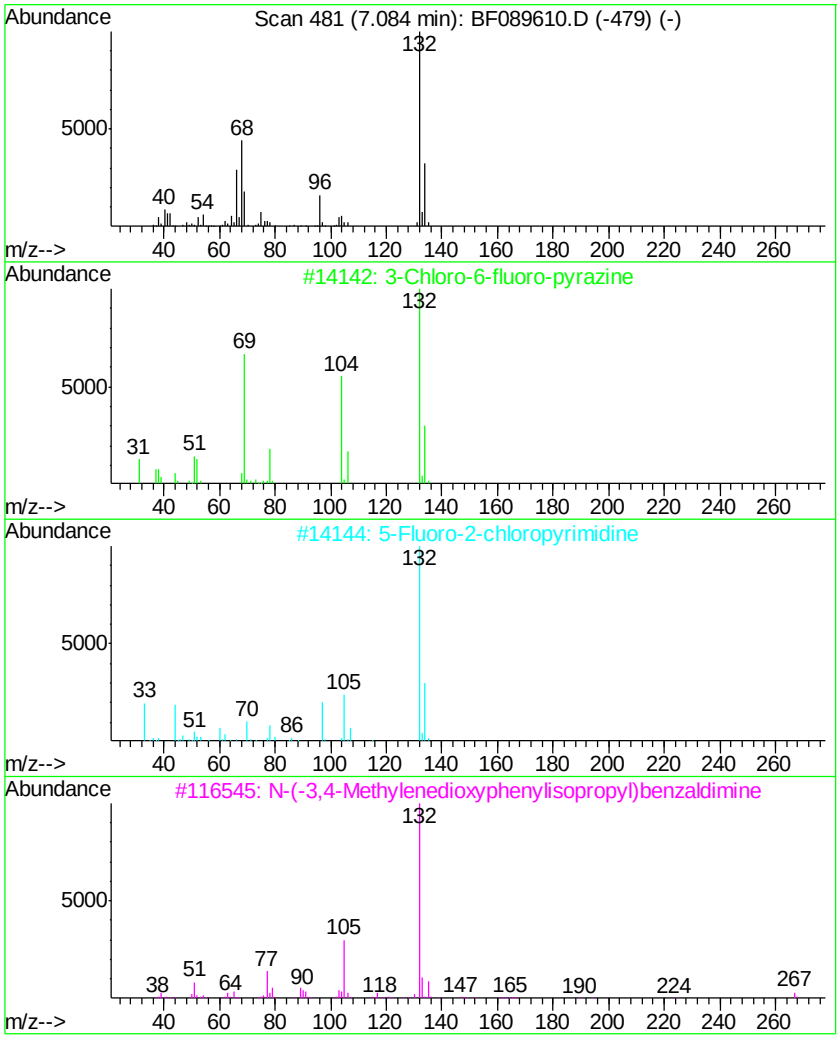
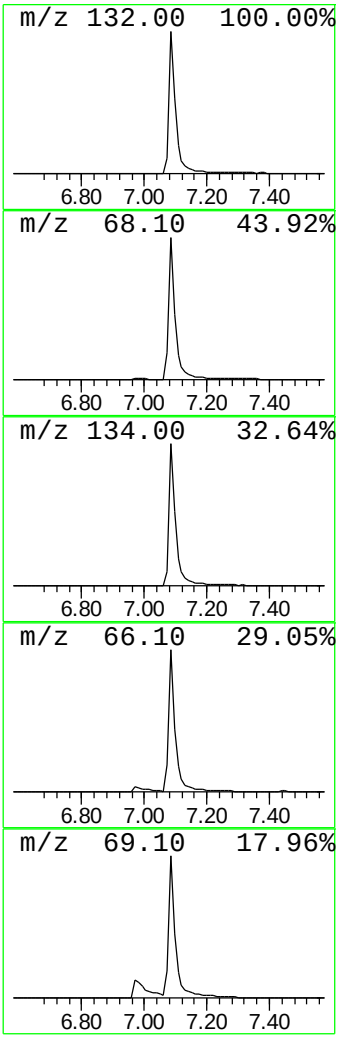
Peak Number 2 unknown7.08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	69.72 ng	848542	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BF089610.D
Acq On : 5 Aug 2016 3:34
Operator : UM/SJ
Sample : H4348-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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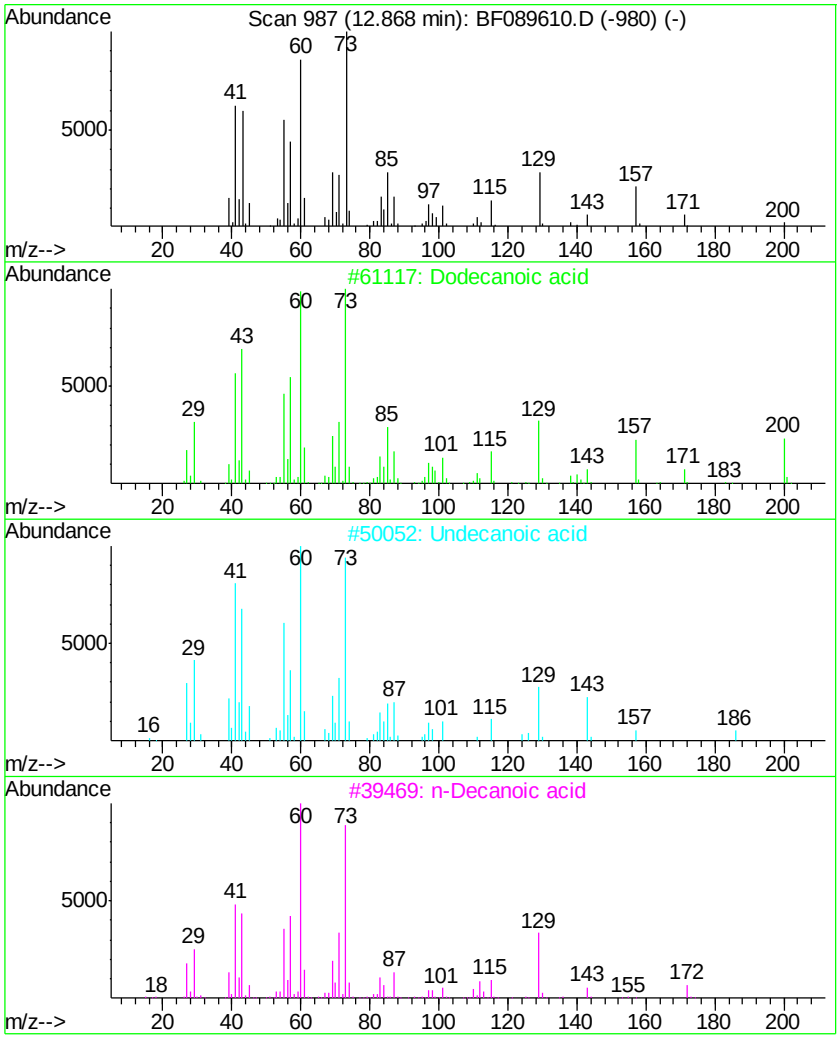
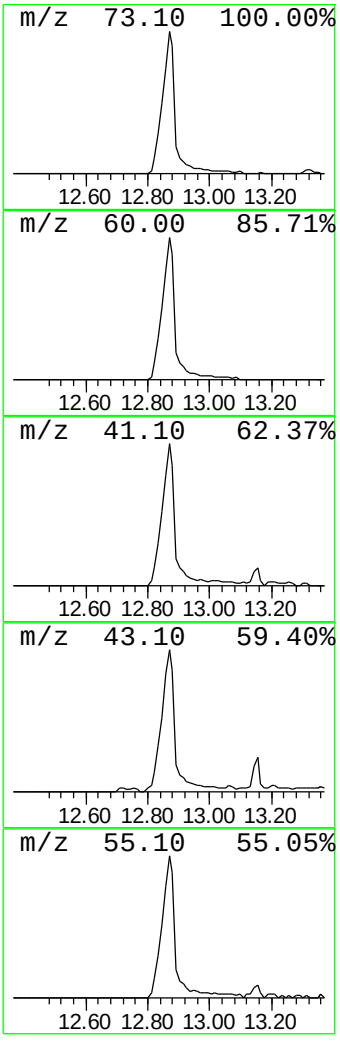
Peak Number 4 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	27.40 ng	592380	Acenaphthene-d10	12.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	93
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	n-Decanoic acid	172	C10H20O2	000334-48-5	59
4	Nonanoic acid	158	C9H18O2	000112-05-0	46
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43





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Data File : BF089610.D
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Operator : UM/SJ
Sample : H4348-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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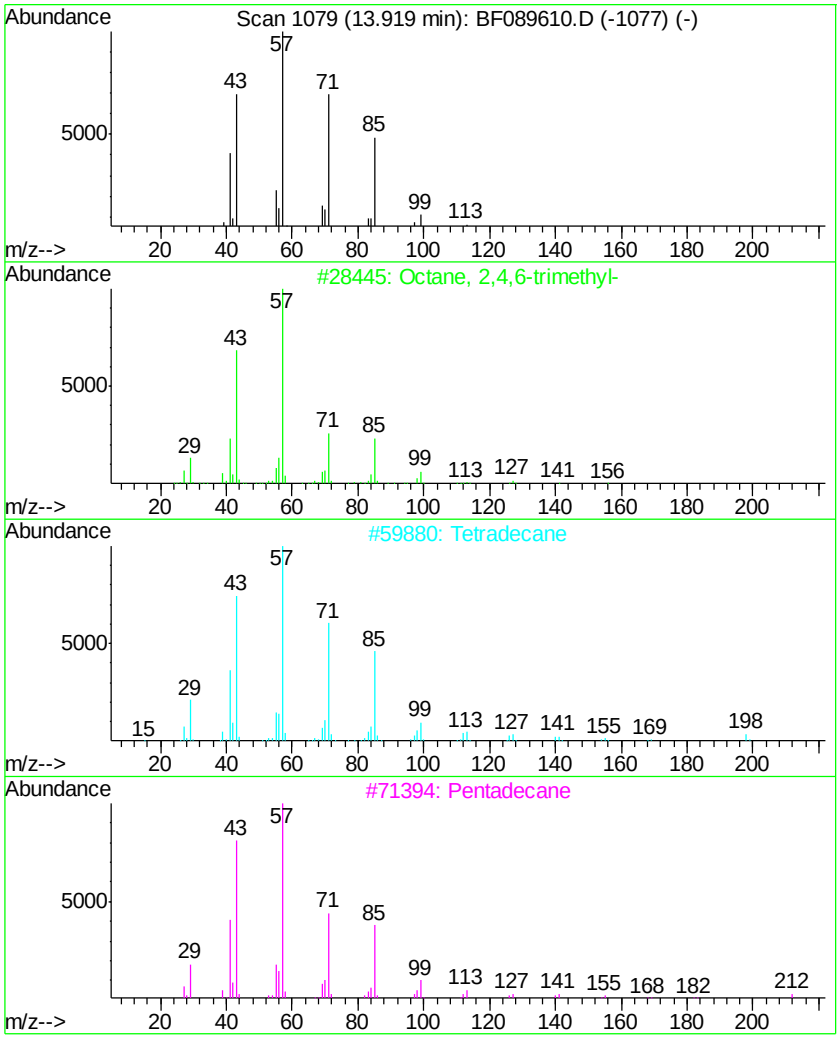
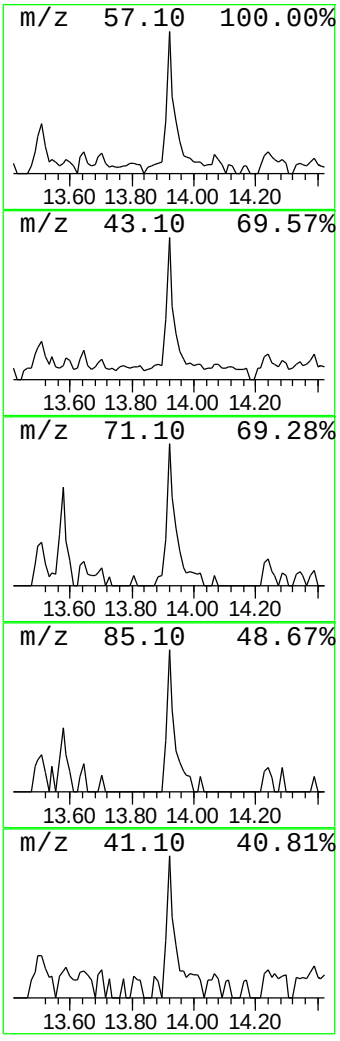
Peak Number 5 Octane, 2,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	2.10 ng	44400	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
2	Tetradecane	198	C14H30	000629-59-4	78
3	Pentadecane	212	C15H32	000629-62-9	78
4	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	64
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
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Operator : UM/SJ
Sample : H4348-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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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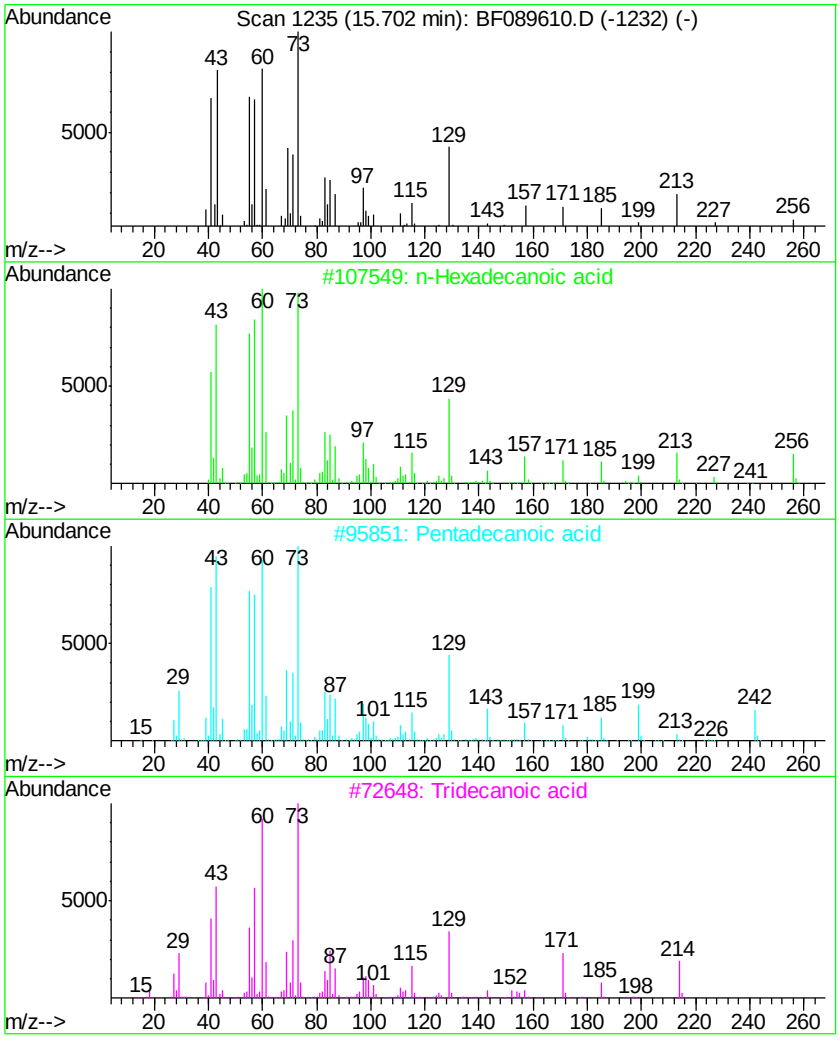
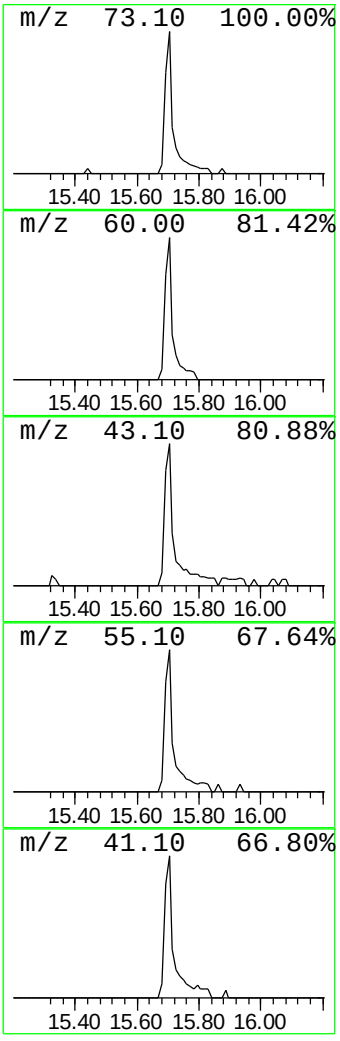
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	7.08 ng	150039	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25





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TIC Library : C:\Database\NIST11.L
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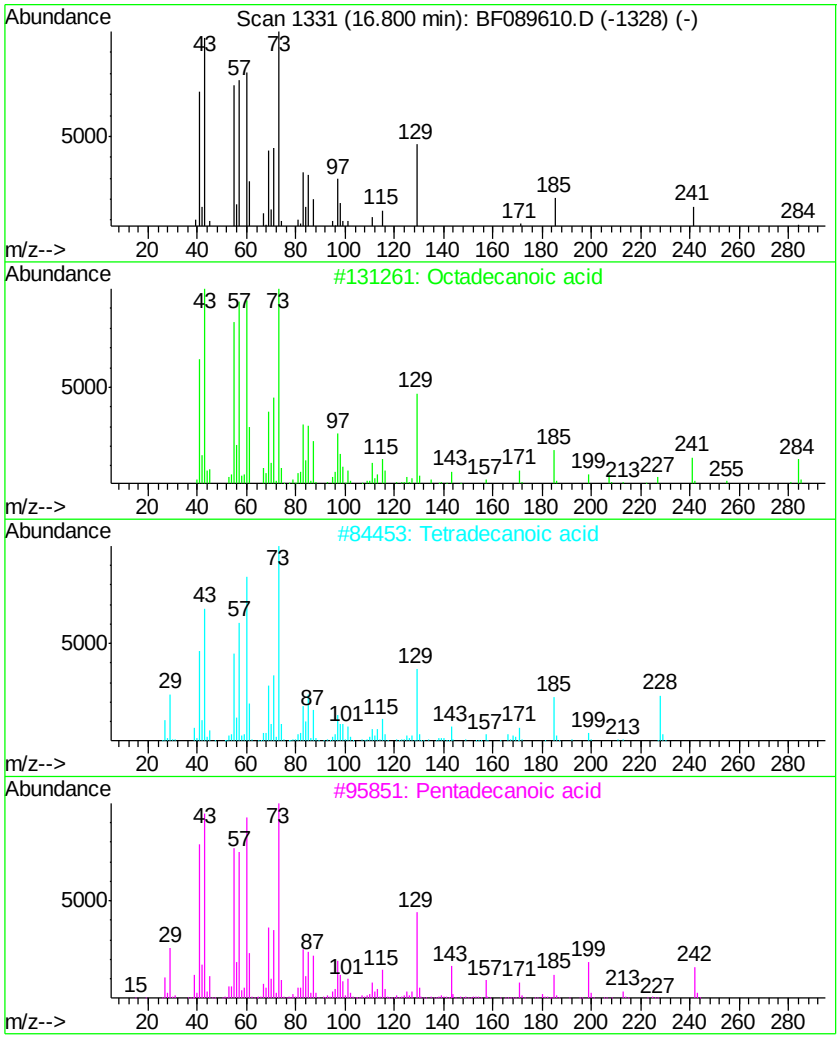
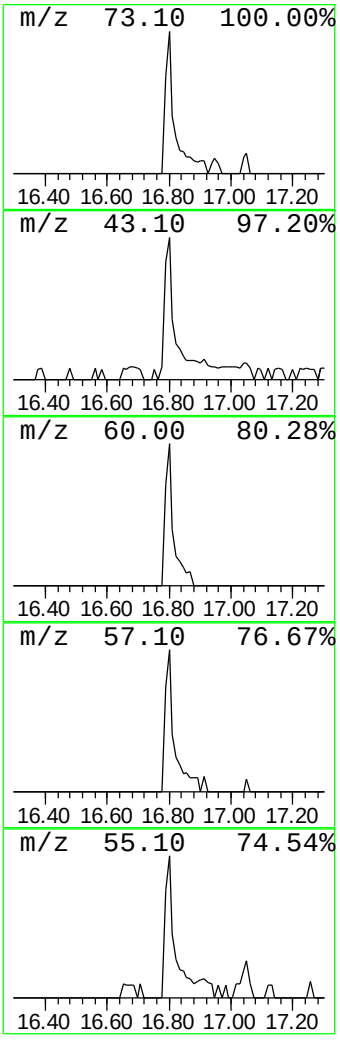
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	4.78 ng	79034	Chrysene-d12	18.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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TIC Library : C:\Database\NIST11.L
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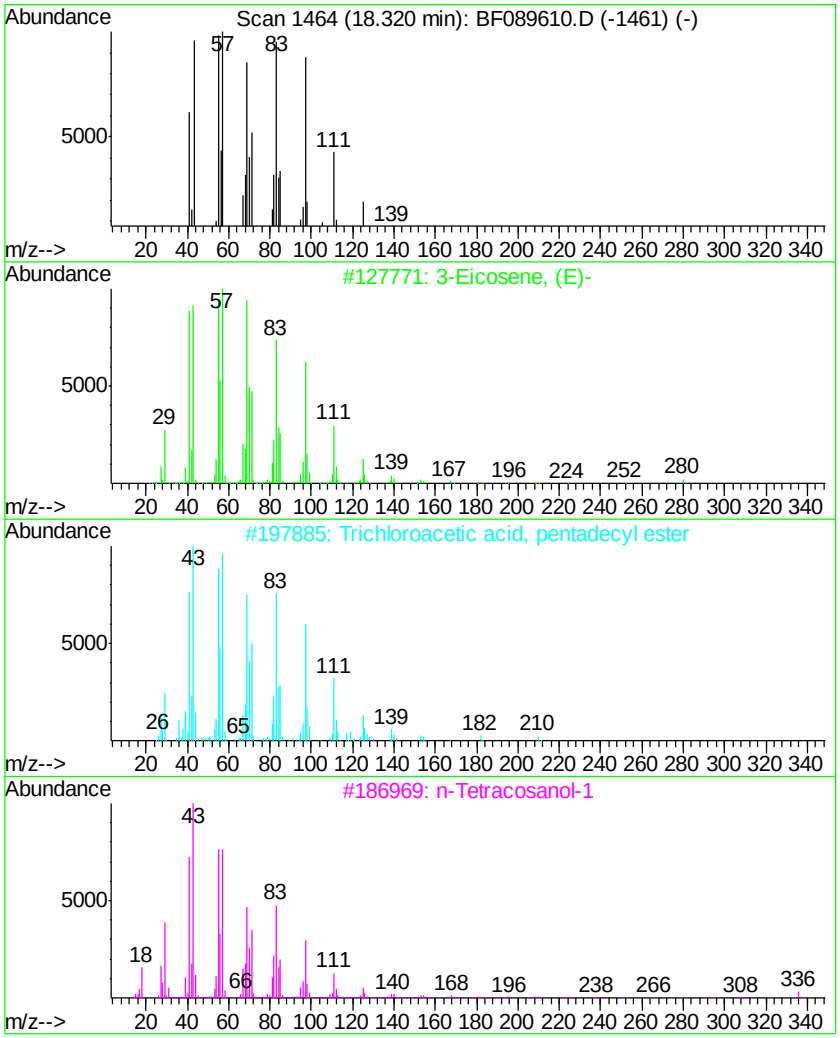
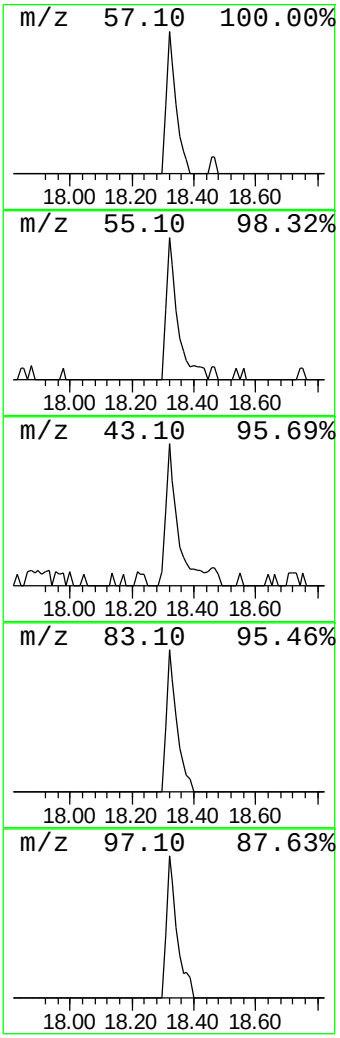
Peak Number 8 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	5.57 ng	92030	Chrysene-d12	18.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
4	1-Docosene	308	C22H44	001599-67-3	81
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	74





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.65	24.9	ng	302938	1	7.45	243411	20.0
unknown7.08	7.08	69.7	ng	848542	1	7.45	243411	20.0
Dodecanoic acid	12.87	27.4	ng	592380	3	12.29	432453	20.0
Octane, 2,4,6-tri...	13.92	2.1	ng	44400	4	14.69	423709	20.0
n-Hexadecanoic acid	15.70	7.1	ng	150039	4	14.69	423709	20.0
Octadecanoic acid	16.80	4.8	ng	79034	5	18.38	330606	20.0
3-Eicosene, (E)-	18.32	5.6	ng	92030	5	18.38	330606	20.0