LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
Data File : BF126861.D
Acq On : 11 Feb 2022 17:01
Operator : CG\JU
Sample : N1449-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220038-FIELD-BLANK

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:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126861.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.551	550	555	558	rBV	1637679	1434040	22.18%	4.723%
2	6.546	720	724	728	rBV	1044293	900613	13.93%	2.966%
3	6.940	787	791	794	rBV	857758	679621	10.51%	2.238%
4	6.987	796	799	809	rBV	71995	68867	1.07%	0.227%
5	7.504	881	887	890	rBV	2399936	2287013	35.37%	7.532%
6	7.569	893	898	909	rVB	60748	72709	1.12%	0.239%
7	8.222	1005	1009	1012	rBV	1134690	913227	14.13%	3.008%
8	9.298	1187	1192	1195	rBV	4422228	3831423	59.26%	12.618%
9	9.975	1304	1307	1311	rBV	1128351	1020869	15.79%	3.362%
10	10.769	1437	1442	1445	rBV	2895608	2608133	40.34%	8.590%
11	11.175	1505	1511	1514	rBV	242893	211411	3.27%	0.696%
12	11.469	1557	1561	1564	rBV	1389732	1094854	16.93%	3.606%
13	12.869	1795	1799	1806	rBV	146105	129640	2.01%	0.427%
14	13.057	1826	1831	1835	rBV	4246534	4384885	67.82%	14.441%
15	13.545	1906	1914	1922	rBV	5242645	6465179	100.00%	21.292%
16	13.604	1922	1924	1934	rVB	130093	143380	2.22%	0.472%
17	14.110	2007	2010	2014	rBV	803235	741821	11.47%	2.443%
18	14.216	2024	2028	2034	rBV	66163	84423	1.31%	0.278%
19	14.421	2060	2063	2068	rBV	105113	100540	1.56%	0.331%
20	14.874	2136	2140	2150	rBV	2213142	2497162	38.62%	8.224%
21	15.621	2261	2267	2278	rBV	516212	694307	10.74%	2.287%

Sum of corrected areas: 30364117

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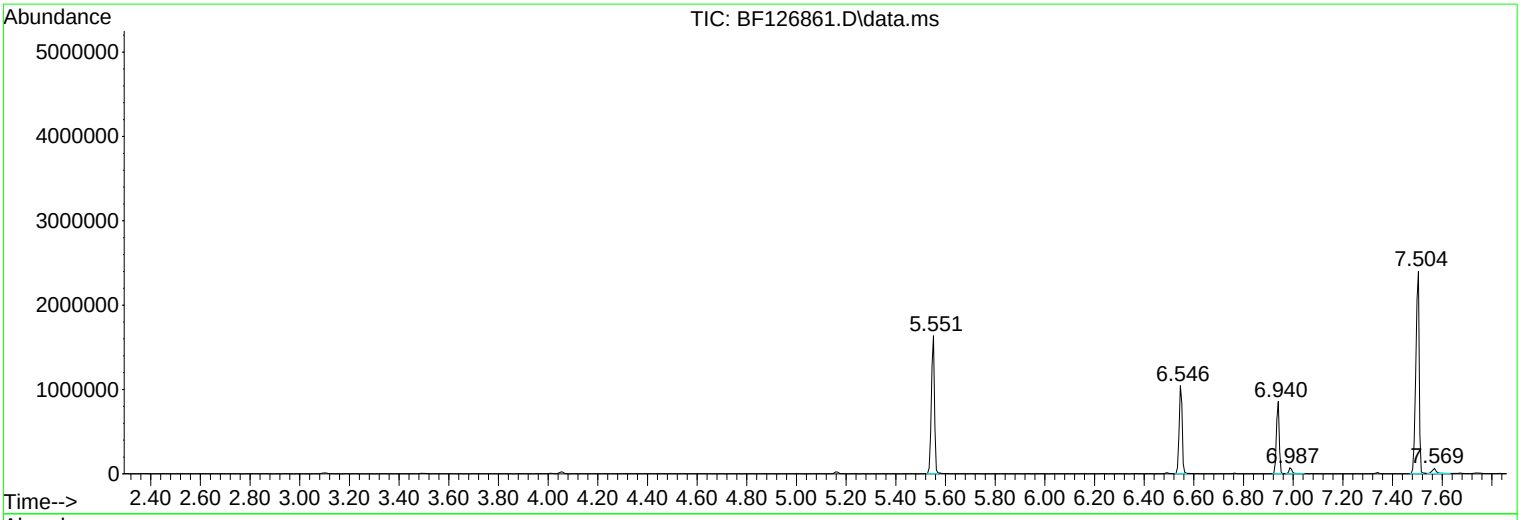
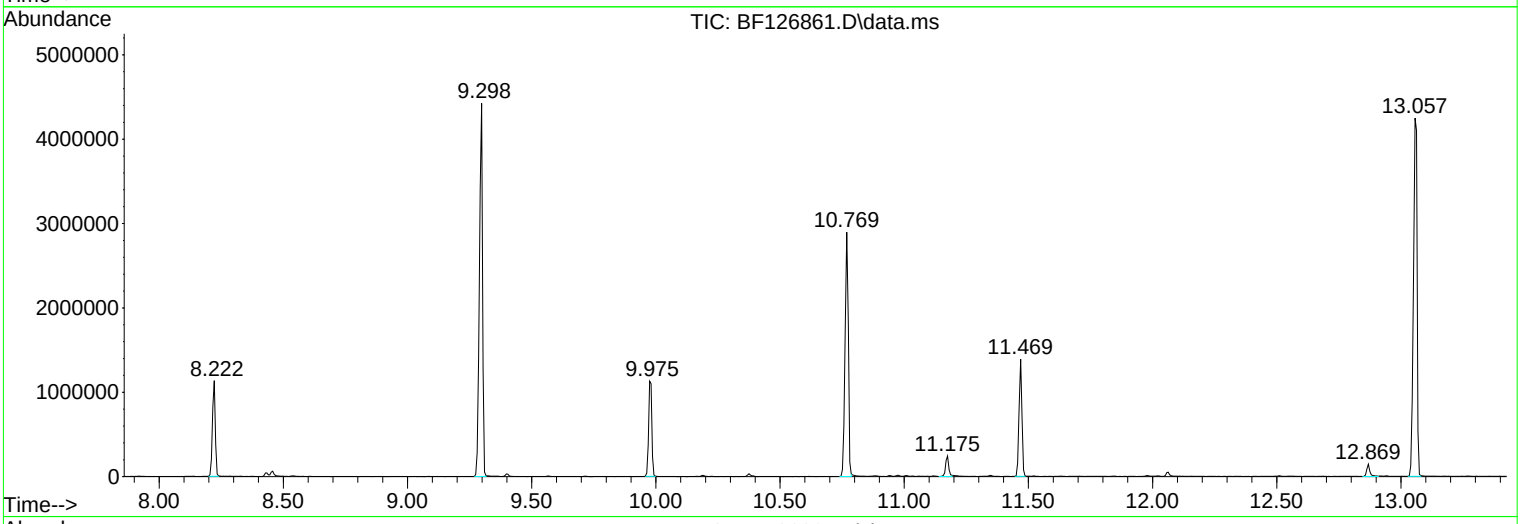
Misc :
ALS Vial : 9 Sample Multiplier: 1

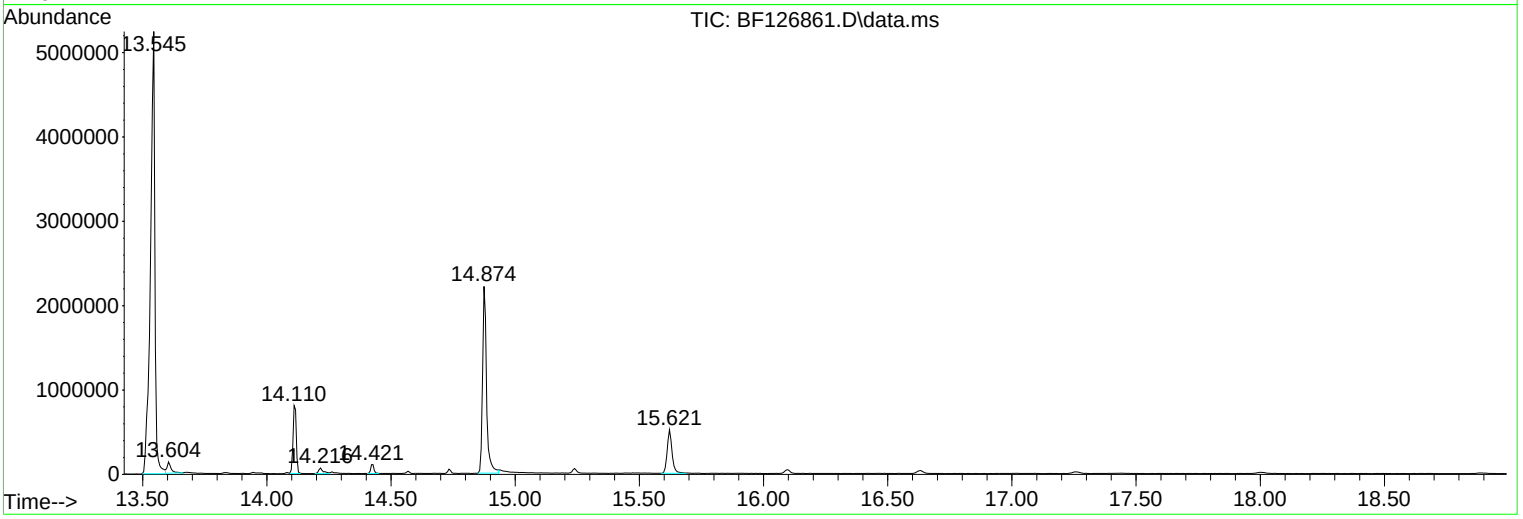
Instrument :
BNA_F
ClientSampleId :
20220038-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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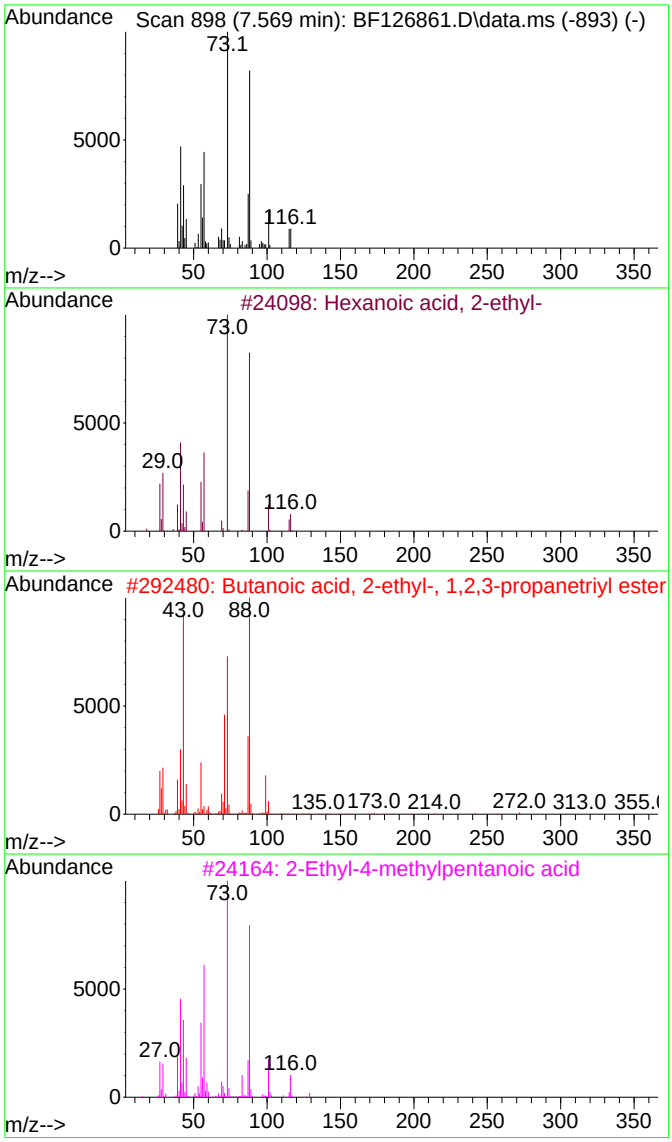
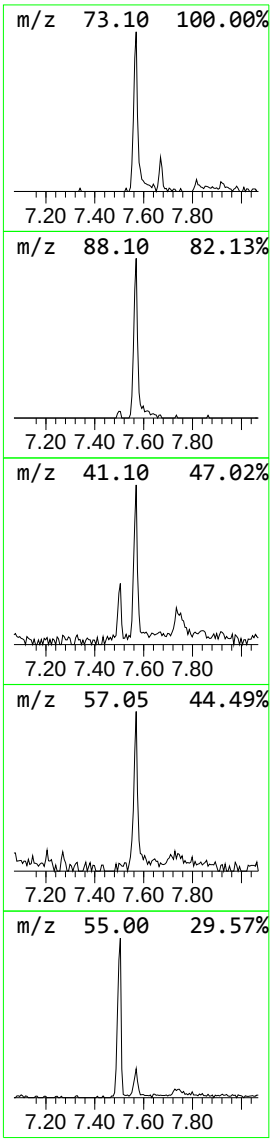
****
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.569	2.14 ng	72709	1,4-Dichlorobenzene-d4	6.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	64
3	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	56
4	Urea, ethyl-	88	C3H8N2O	000625-52-5	53
5	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	53





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Operator : CG\JU
Sample : N1449-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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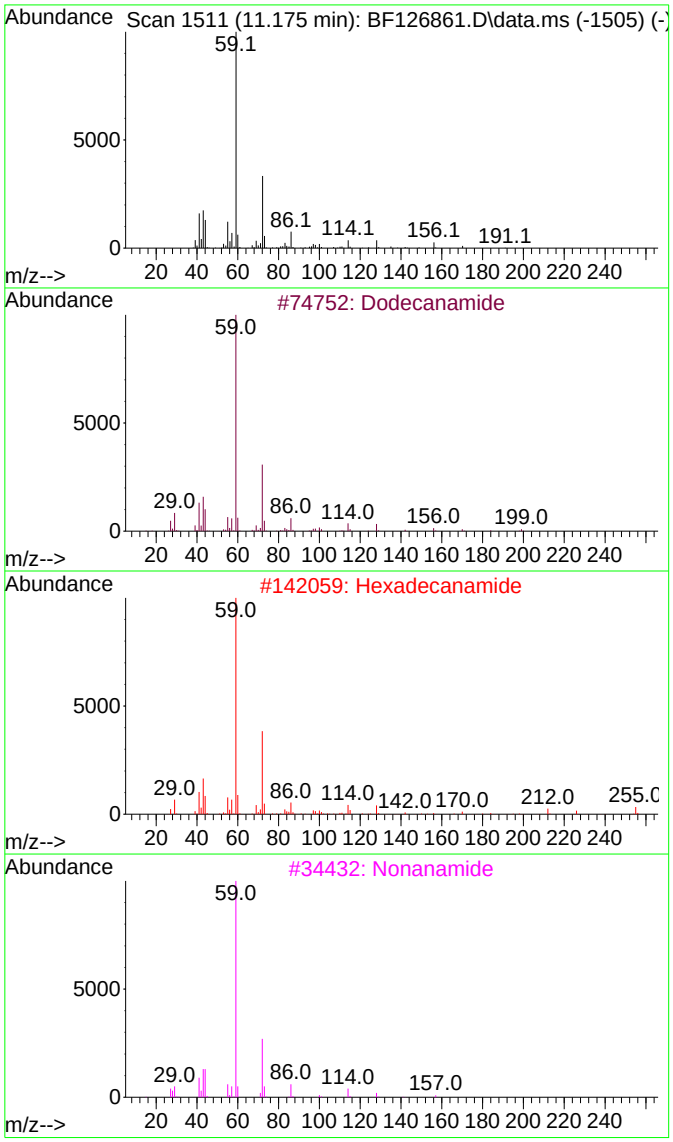
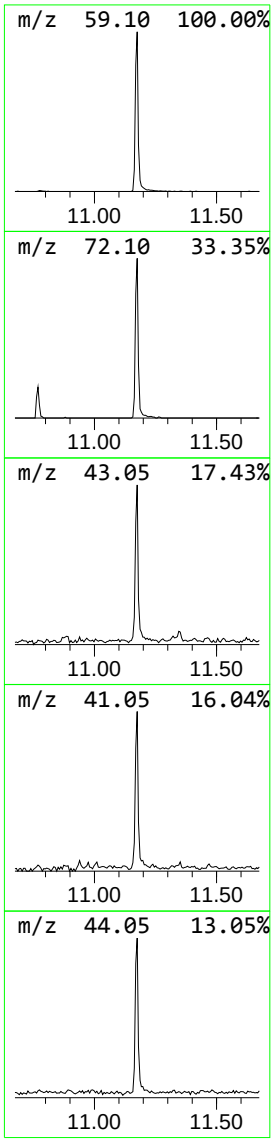
Peak Number 2 Dodecanamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	3.86 ng	211411	Phenanthrene-d10	11.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanamide	199	C12H25NO	001120-16-7	90
2	Hexadecanamide	255	C16H33NO	000629-54-9	86
3	Nonanamide	157	C9H19NO	001120-07-6	83
4	Octanamide	143	C8H17NO	000629-01-6	78
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	64





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Operator : CG\JU
Sample : N1449-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220038-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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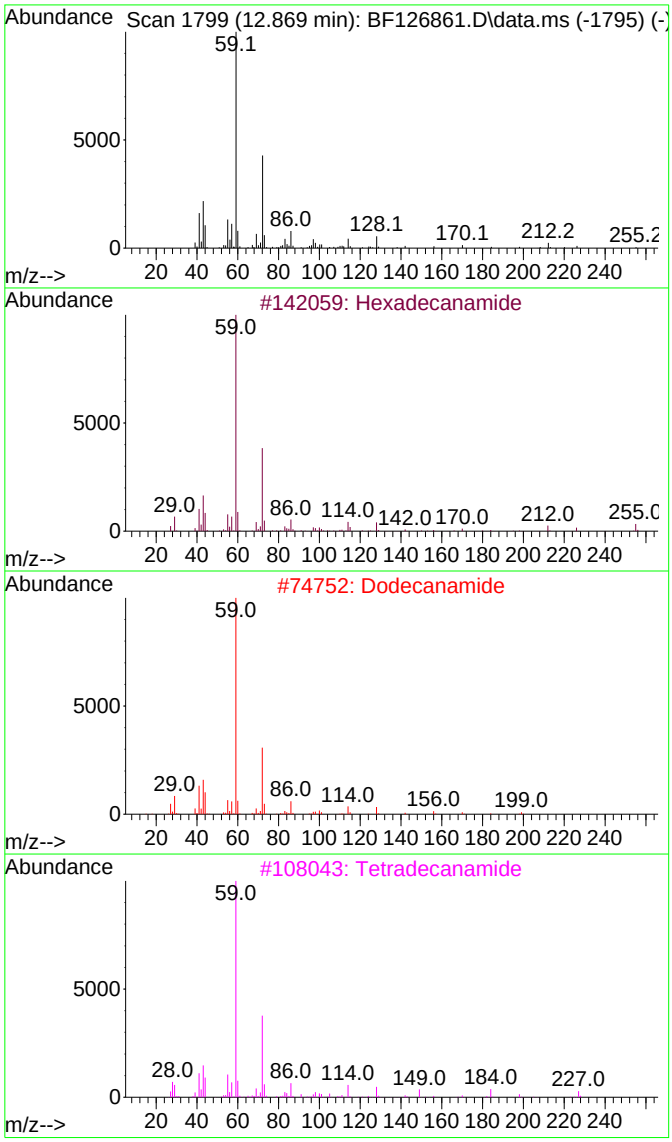
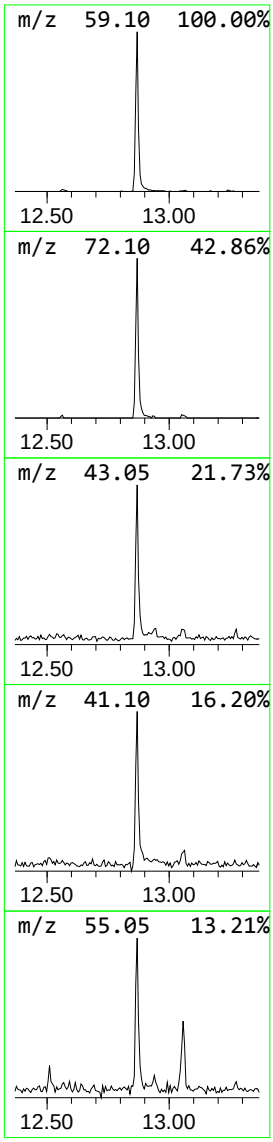
Peak Number 3 Hexadecanamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.869	3.50 ng	129640	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	95
2	Dodecanamide	199	C12H25NO	001120-16-7	90
3	Tetradecanamide	227	C14H29NO	000638-58-4	86
4	Decanamide-	171	C10H21NO	002319-29-1	83
5	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64





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Operator : CG\JU
Sample : N1449-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220038-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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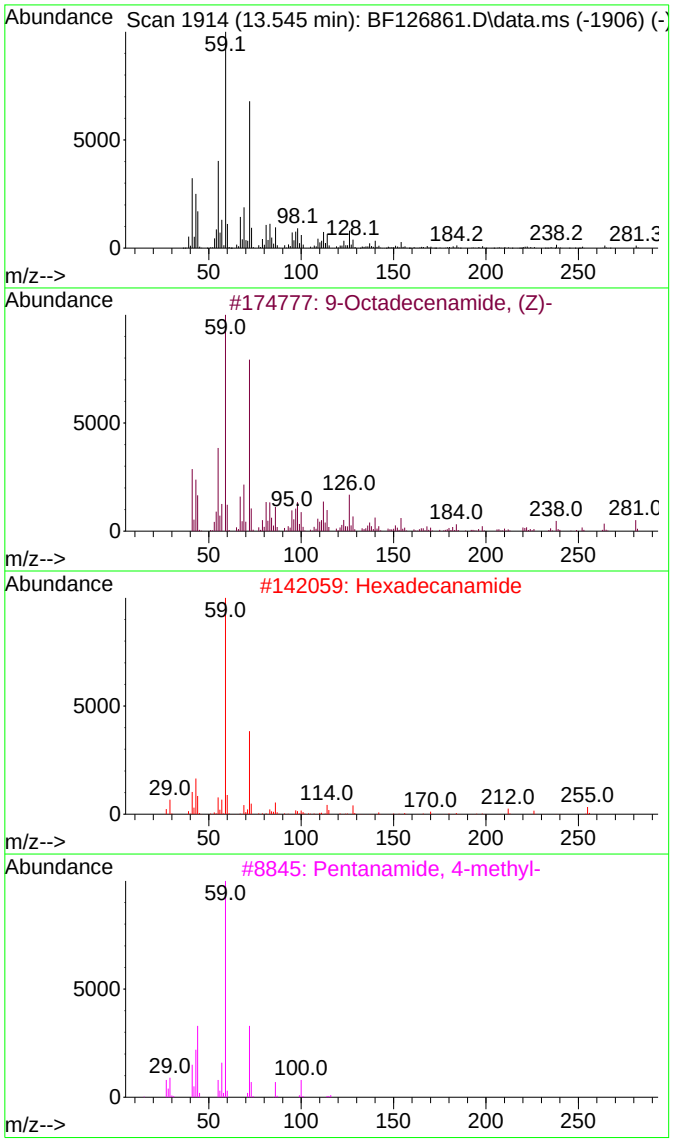
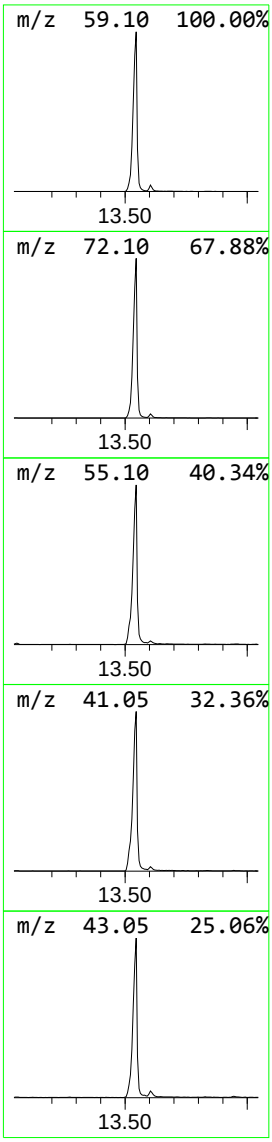
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.545	174.31 ng	6465180	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Hexadecanamide	255	C16H33NO	000629-54-9	72
3	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	59
4	Octanamide	143	C8H17NO	000629-01-6	59
5	2-Hydroxy-2,4-dimethyl-hept-6-en...	156	C9H16O2	1000192-56-0	47





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Operator : CG\JU
Sample : N1449-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220038-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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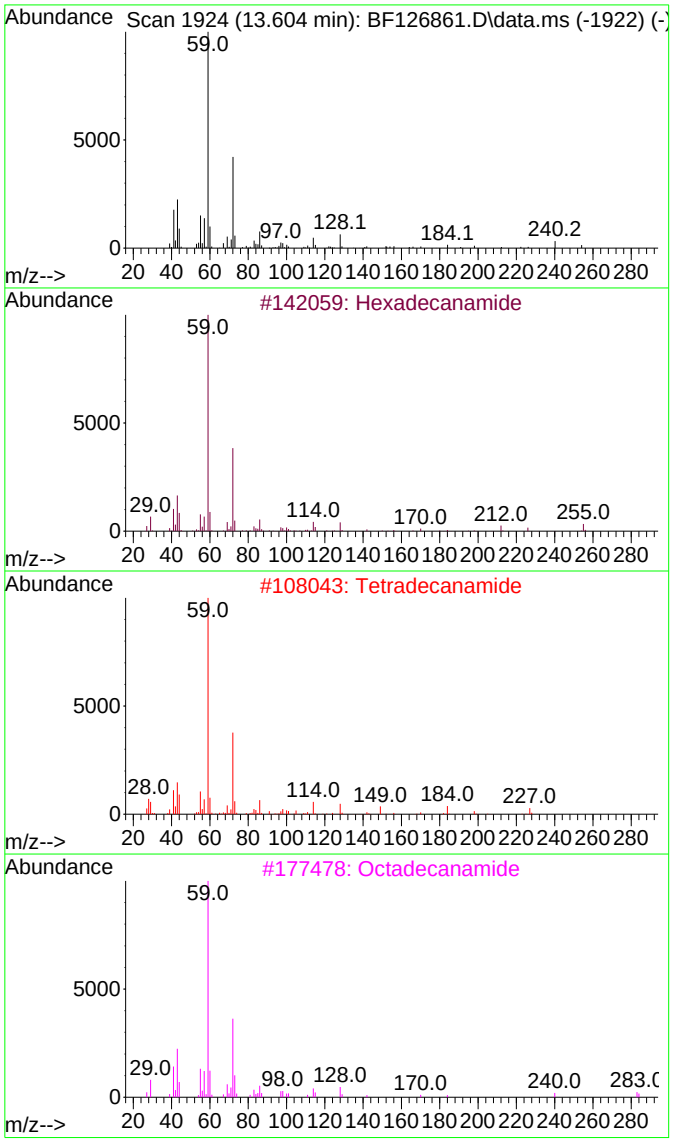
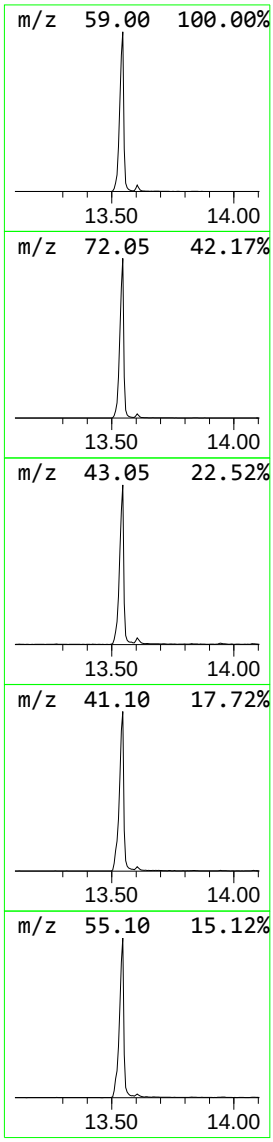
Peak Number 5 Tetradecanamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.604	3.87 ng	143380	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	86
2	Tetradecanamide	227	C14H29NO	000638-58-4	83
3	Octadecanamide	283	C18H37NO	000124-26-5	83
4	Nonadecanamide	297	C19H39NO	058185-32-3	64
5	Decanamide-	171	C10H21NO	002319-29-1	64





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Sample : N1449-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220038-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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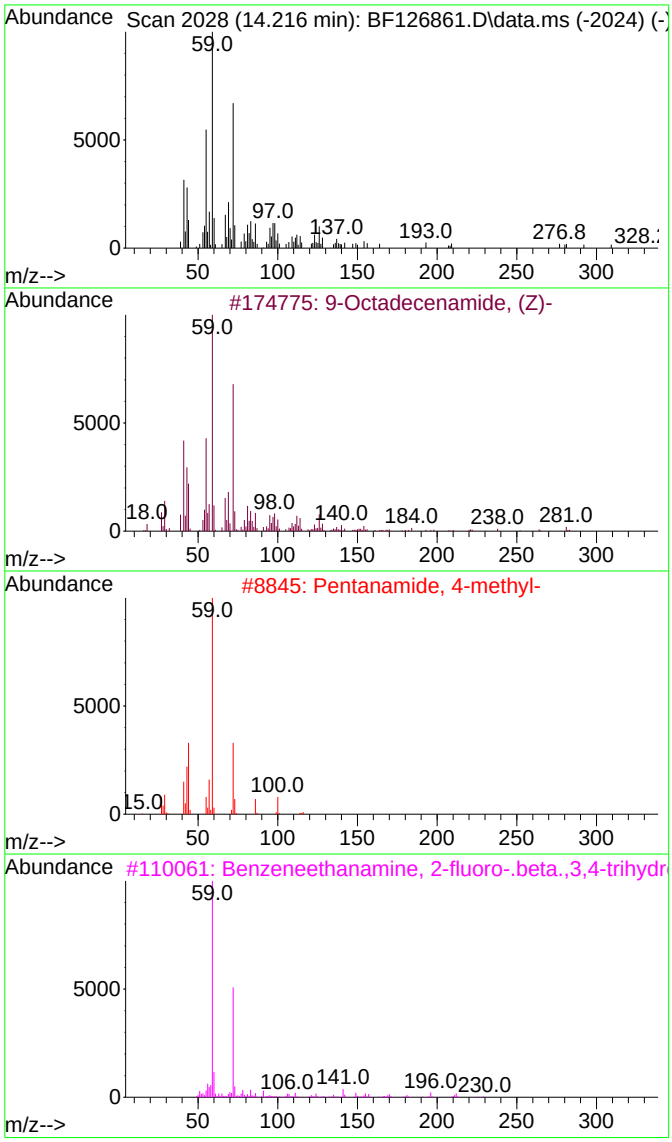
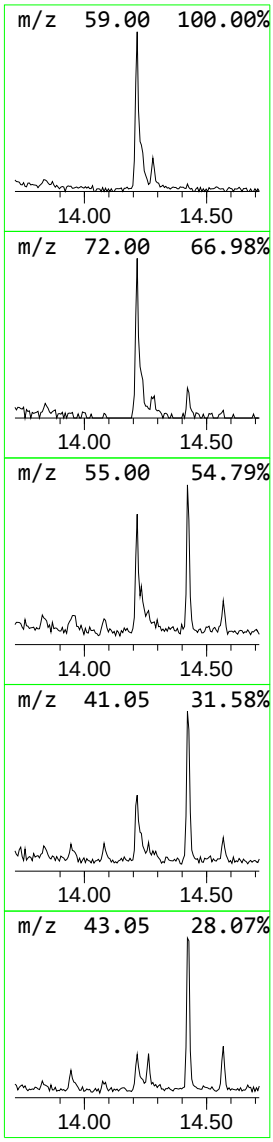
Peak Number 6 Pentanamide, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.216	2.28 ng	84423	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	53
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	53
4	Octadecanamide	283	C18H37NO	000124-26-5	50
5	trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1010281-69-5	38





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Sample : N1449-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220038-FIELD-BLANK

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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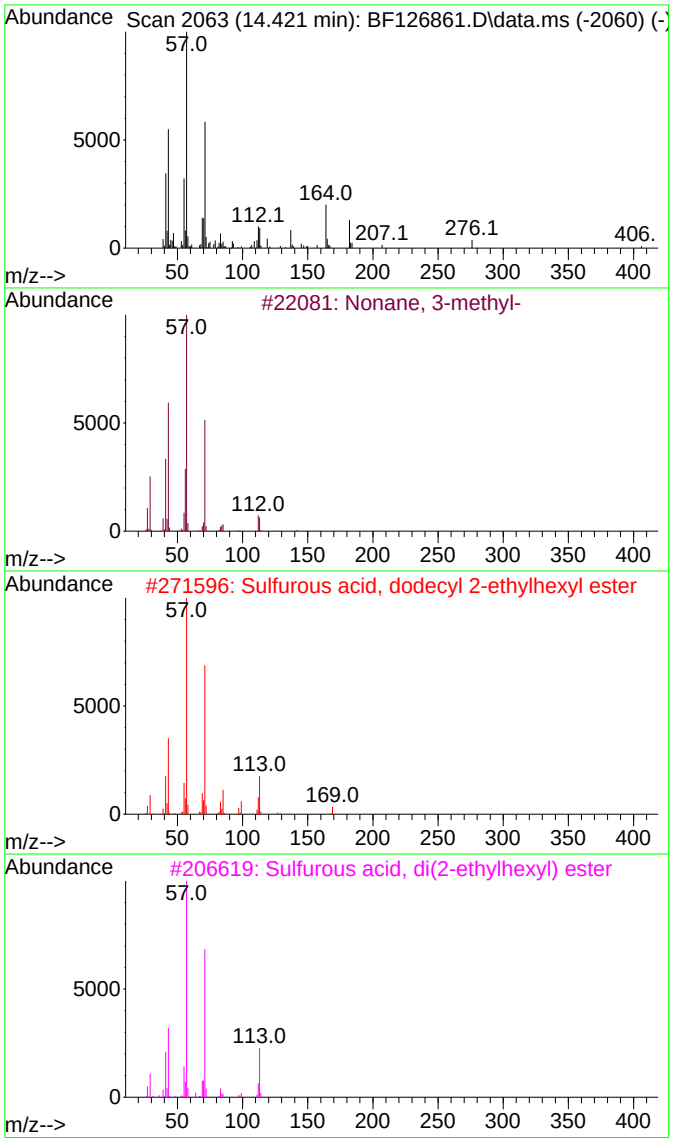
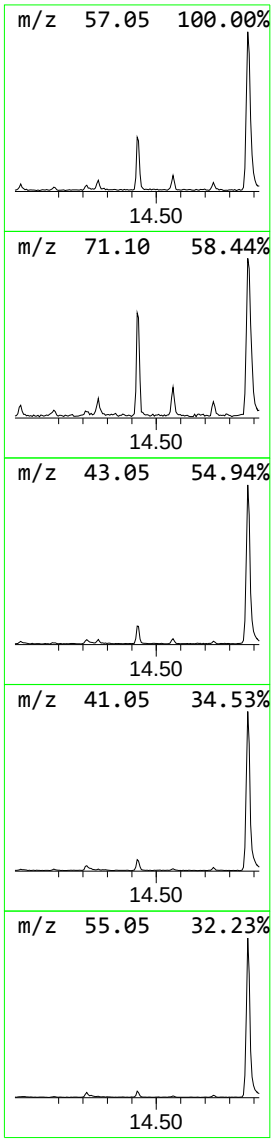
Peak Number 7 unknown14.422 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	2.71 ng	100540	Chrysene-d12	14.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	47
2	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	46
3	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	43
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	43
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	43





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ALS Vial : 9 Sample Multiplier: 1

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BNA_F
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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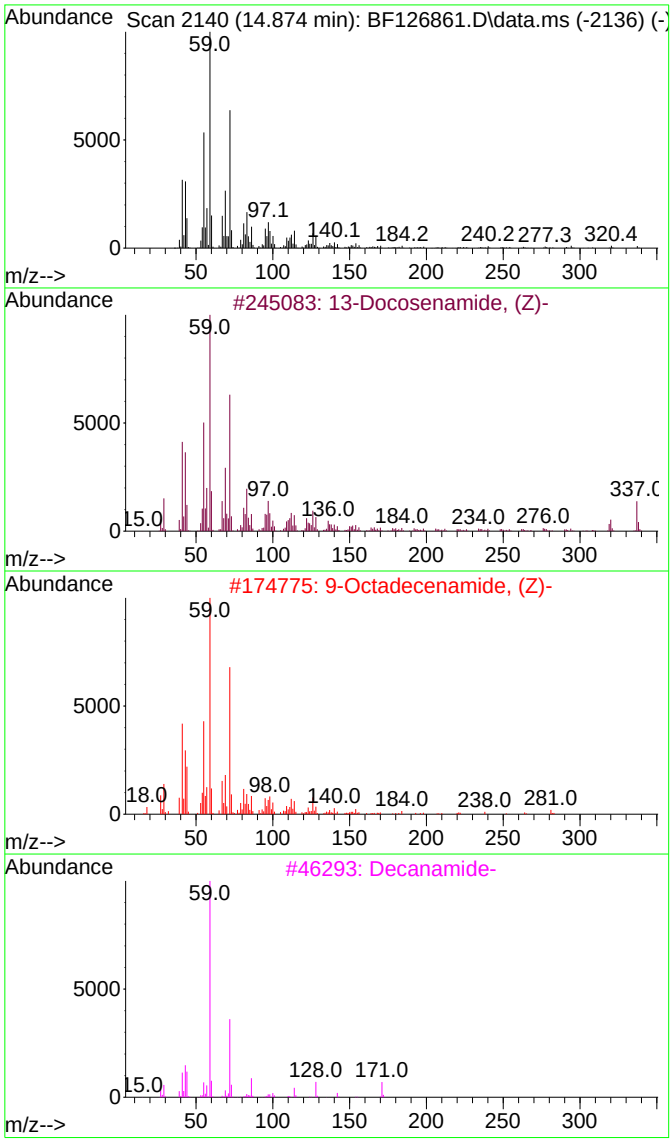
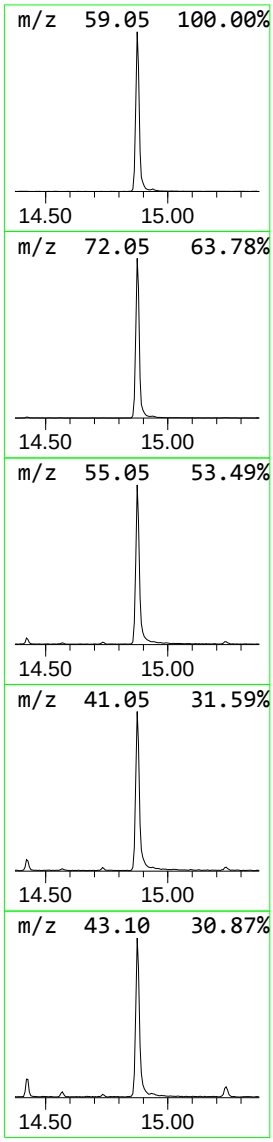
Peak Number 8 13-Docosenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.874	71.93 ng	2497160	Perylene-d12	15.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	91
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3	Decanamide-	171	C10H21NO	002319-29-1	64
4	Hexadecanamide	255	C16H33NO	000629-54-9	53
5	Methyl 17-methoxy-10-methoxycarb...	386	C22H42O5	1000110-20-7	43





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanoic acid, ...	7.569	2.1	ng	72709	1	6.940	679621	20.0
Dodecanamide	11.175	3.9	ng	211411	4	11.469	1094850	20.0
Hexadecanamide	12.869	3.5	ng	129640	5	14.110	741821	20.0
9-Octadecenamid...	13.545	174.3	ng	6465180	5	14.110	741821	20.0
Tetradecanamide	13.604	3.9	ng	143380	5	14.110	741821	20.0
Pentanamide, 4-...	14.216	2.3	ng	84423	5	14.110	741821	20.0
unknown14.422	14.422	2.7	ng	100540	5	14.110	741821	20.0
13-Docosenamide...	14.874	71.9	ng	2497160	6	15.621	694307	20.0