

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041331.D
 Acq On : 08 Aug 2023 16:43
 Operator : MA/JU
 Sample : PB154698BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154698BL

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_M\Methods\8270-BM072823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041331.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.357	362	369	385	rBV	3204679	4413565	57.60%	10.783%
2	6.969	635	643	661	rBV	2838546	4457117	58.17%	10.889%
3	7.781	774	781	792	rBV	523325	806971	10.53%	1.972%
4	8.963	974	982	999	rBV	1748547	2880170	37.59%	7.037%
5	10.586	1250	1258	1275	rBV	651221	1089889	14.22%	2.663%
6	13.068	1672	1680	1696	rBV	4439082	6473445	84.48%	15.816%
7	14.451	1908	1915	1929	rBV	889396	1364458	17.81%	3.334%
8	14.880	1980	1988	2007	rBV2	50648	145743	1.90%	0.356%
9	15.951	2163	2170	2190	rBV	3458535	4901921	63.97%	11.976%
10	17.209	2378	2384	2393	rBV	1021324	1461668	19.08%	3.571%
11	18.115	2532	2538	2565	rBV	929374	1764306	23.03%	4.310%
12	19.397	2751	2756	2774	rBV	444953	885764	11.56%	2.164%
13	19.850	2827	2833	2844	rBV	6530886	7662439	100.00%	18.720%
14	21.415	3095	3099	3109	rBV	954134	1344787	17.55%	3.286%
15	23.785	3497	3502	3514	rVB	632767	1278702	16.69%	3.124%

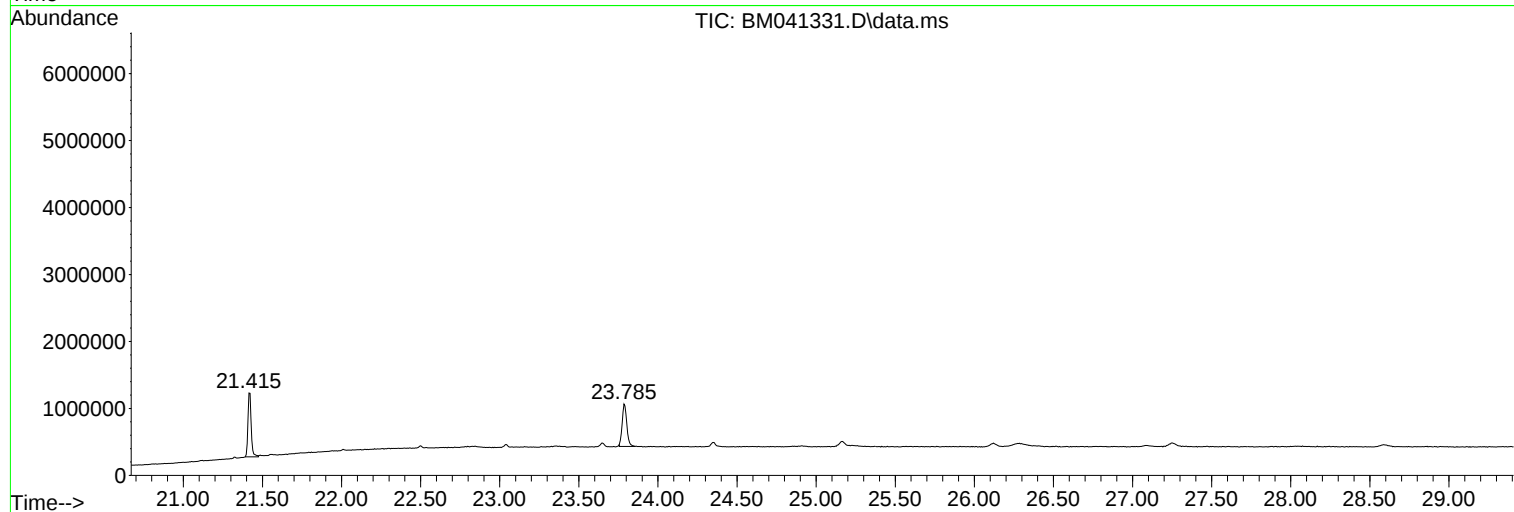
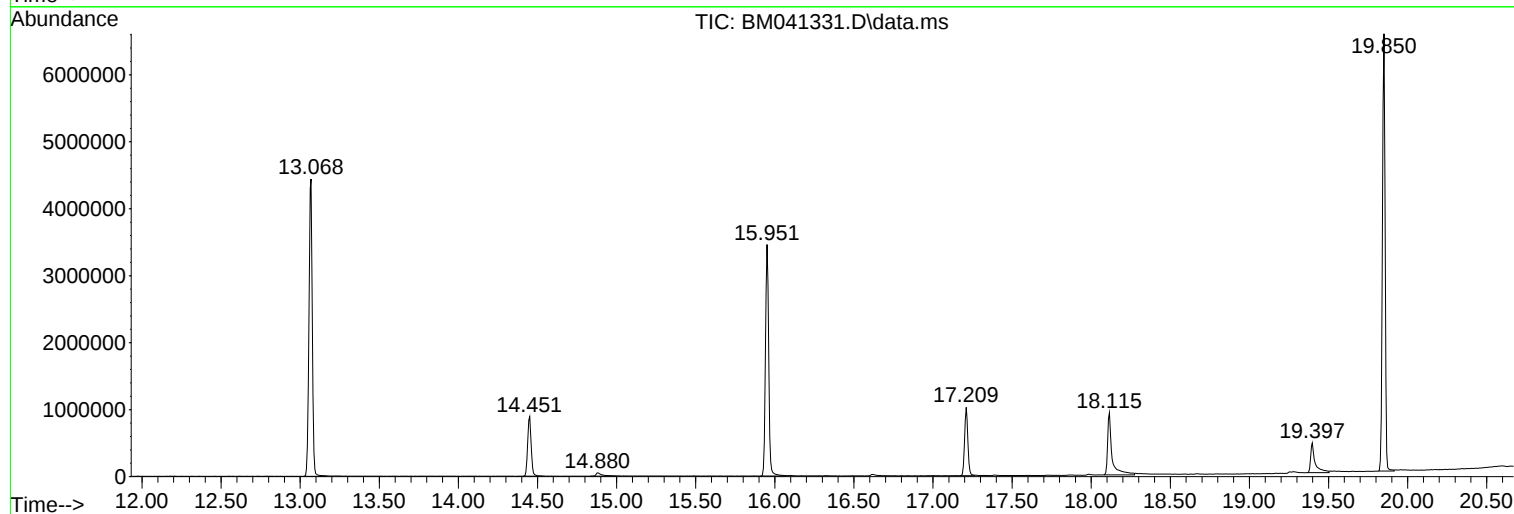
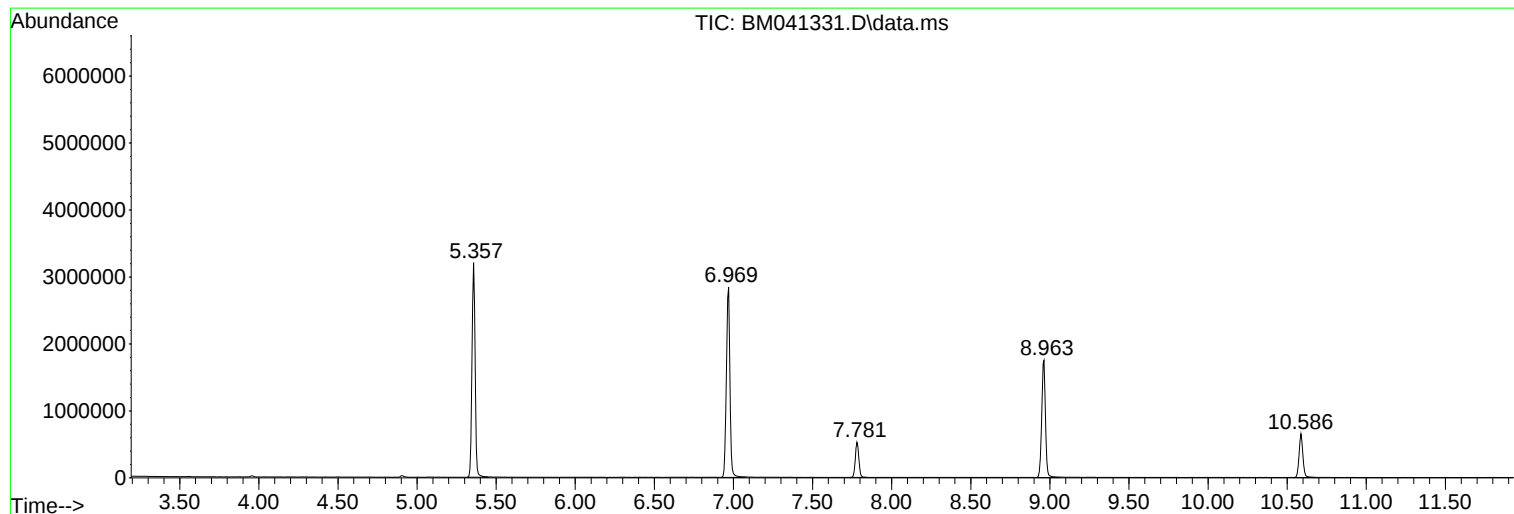
Sum of corrected areas: 40930945

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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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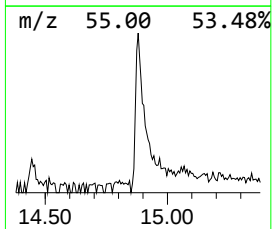
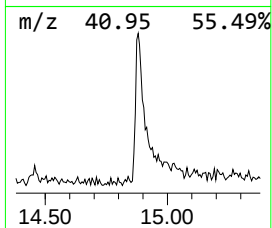
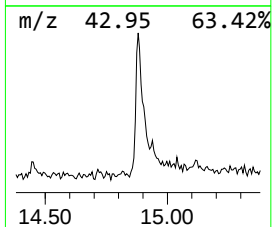
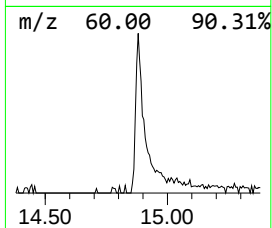
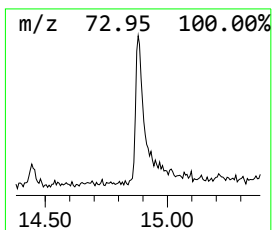
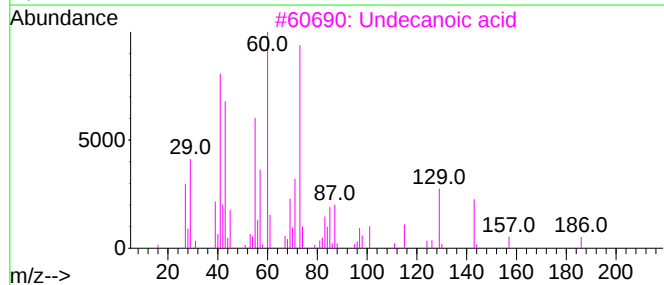
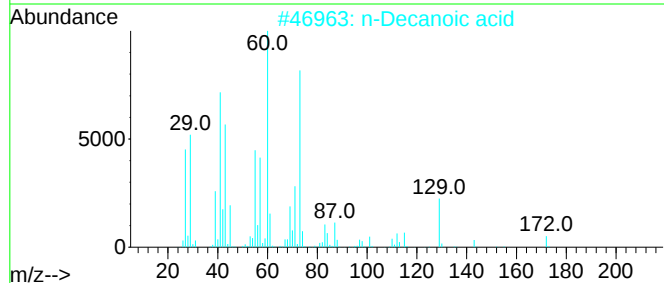
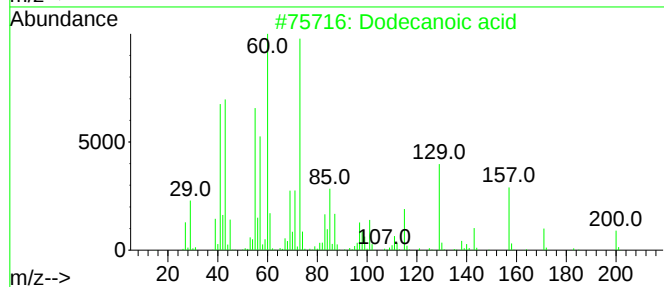
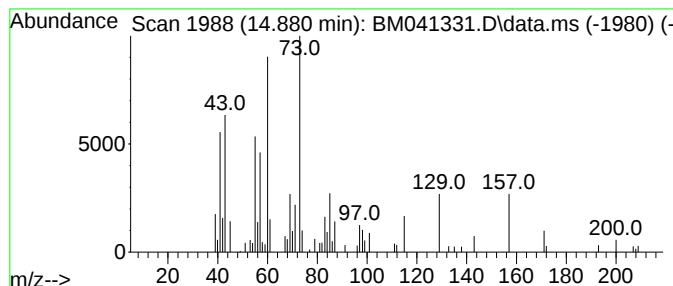
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.880	2.14 ng	145743	Acenaphthene-d10	14.451

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecanoic acid	200	C12H24O2	000143-07-7	94
2		n-Decanoic acid	172	C10H20O2	000334-48-5	70
3		Undecanoic acid	186	C11H22O2	000112-37-8	53
4		Nonanoic acid	158	C9H18O2	000112-05-0	47
5		Heptanoic acid	130	C7H14O2	000111-14-8	38



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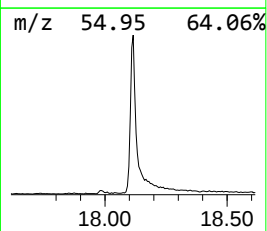
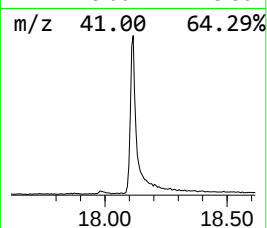
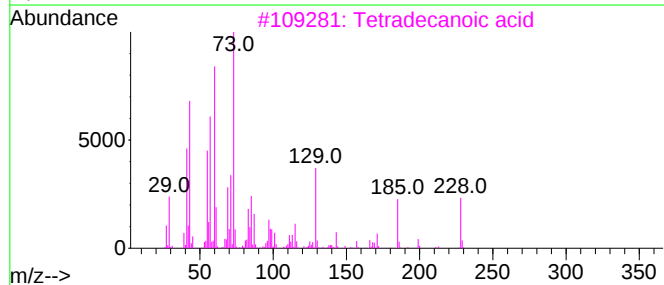
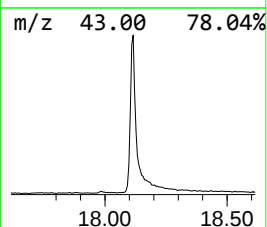
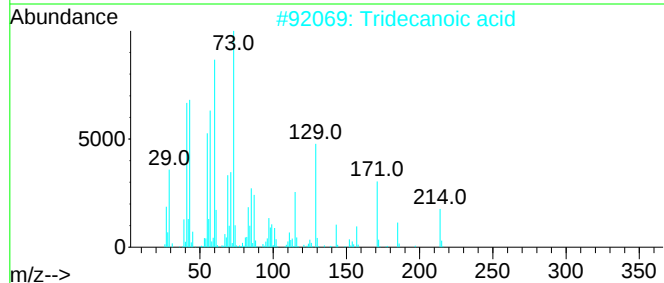
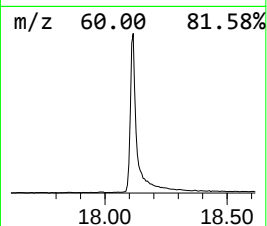
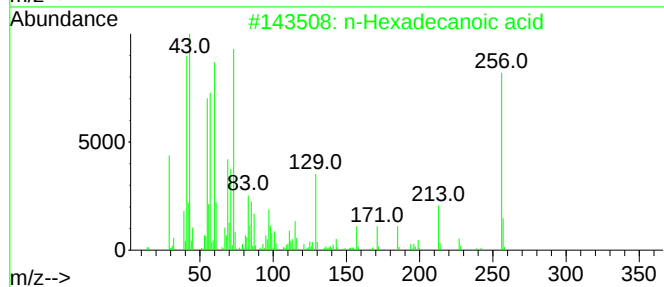
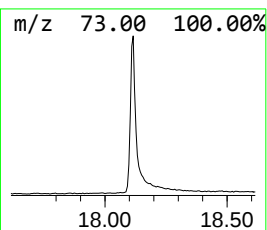
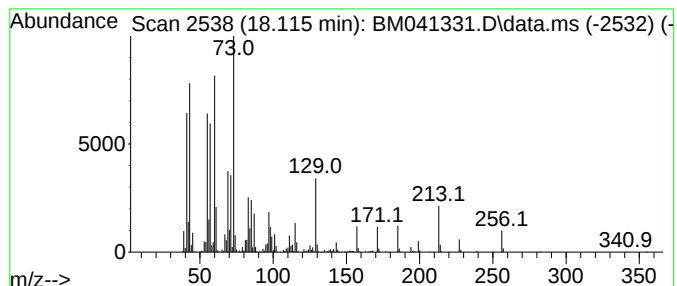
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.115	24.14 ng	1764310	Phenanthrene-d10	17.209

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	92
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			n-Decanoic acid	172	C10H20O2	000334-48-5	47



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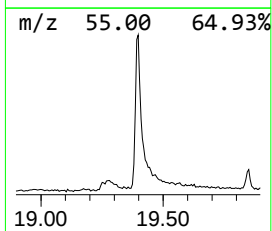
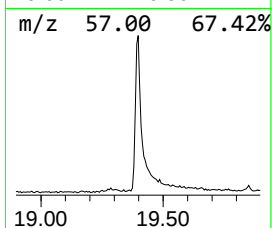
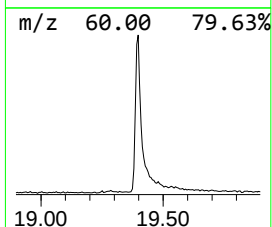
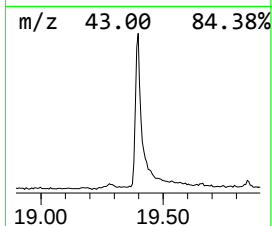
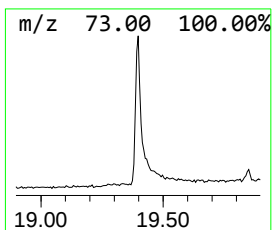
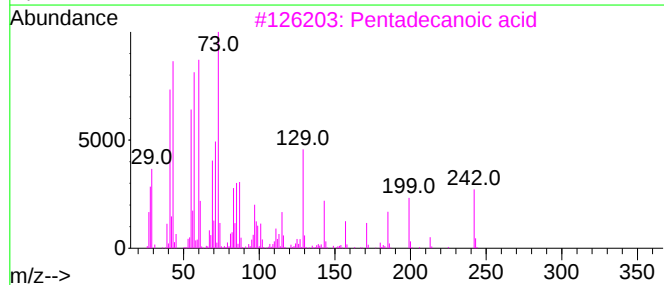
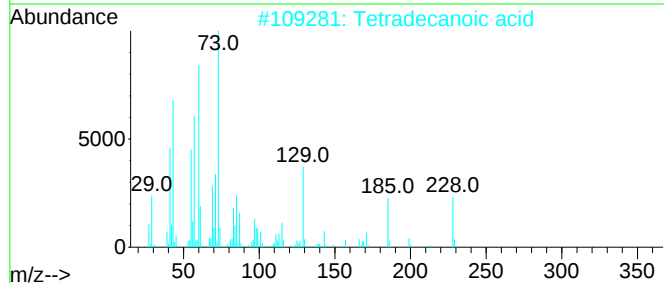
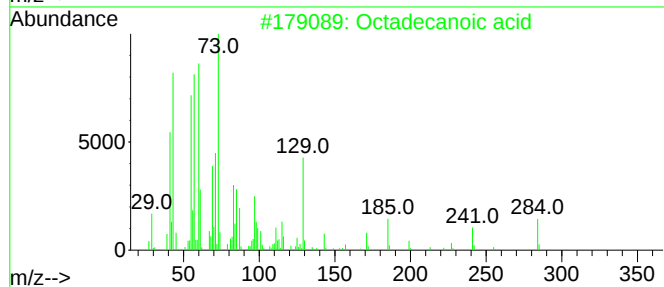
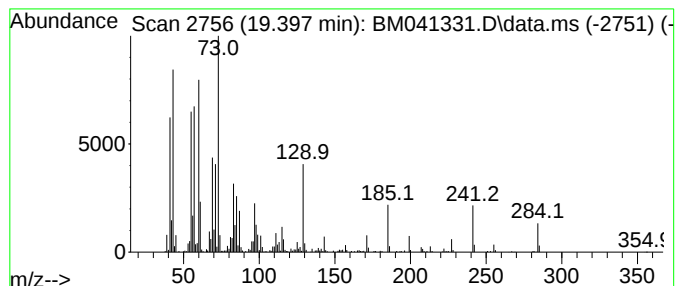
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.397	13.17 ng	885764	Chrysene-d12	21.415

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	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecanoic acid	14.880	2.1	ng	145743	3	14.451	1364460	20.0
n-Hexadecanoic ...	18.115	24.1	ng	1764310	4	17.209	1461670	20.0
Octadecanoic acid	19.397	13.2	ng	885764	5	21.415	1344790	20.0