

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042407.D
 Acq On : 23 Oct 2023 18:10
 Operator : MA/JU
 Sample : 04957-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-G

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-BM102123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042407.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	317	321	331	rVB	152129	203310	2.35%	0.589%
2	5.522	390	397	408	rBV	1646583	2344901	27.12%	6.789%
3	7.140	665	672	686	rBV	936383	1497425	17.32%	4.336%
4	7.993	811	817	828	rVB	545493	859490	9.94%	2.489%
5	9.192	1013	1021	1031	rBV	2000022	3222383	37.27%	9.330%
6	10.816	1290	1297	1305	rBV	682343	1111071	12.85%	3.217%
7	13.263	1706	1713	1727	rBV	4058301	5723212	66.19%	16.571%
8	14.639	1940	1947	1959	rBV	891350	1269780	14.69%	3.677%
9	16.133	2194	2201	2215	rVB	2855890	3881736	44.89%	11.239%
10	17.392	2409	2415	2424	rBV	1127214	1481920	17.14%	4.291%
11	18.239	2553	2559	2571	rBV	220428	387386	4.48%	1.122%
12	19.515	2771	2776	2789	rBV	147204	254059	2.94%	0.736%
13	20.004	2853	2859	2865	rBV	7182622	8646668	100.00%	25.036%
14	21.574	3121	3126	3132	rBV2	1375547	1796063	20.77%	5.200%
15	24.039	3538	3545	3553	rVB	928631	1858048	21.49%	5.380%

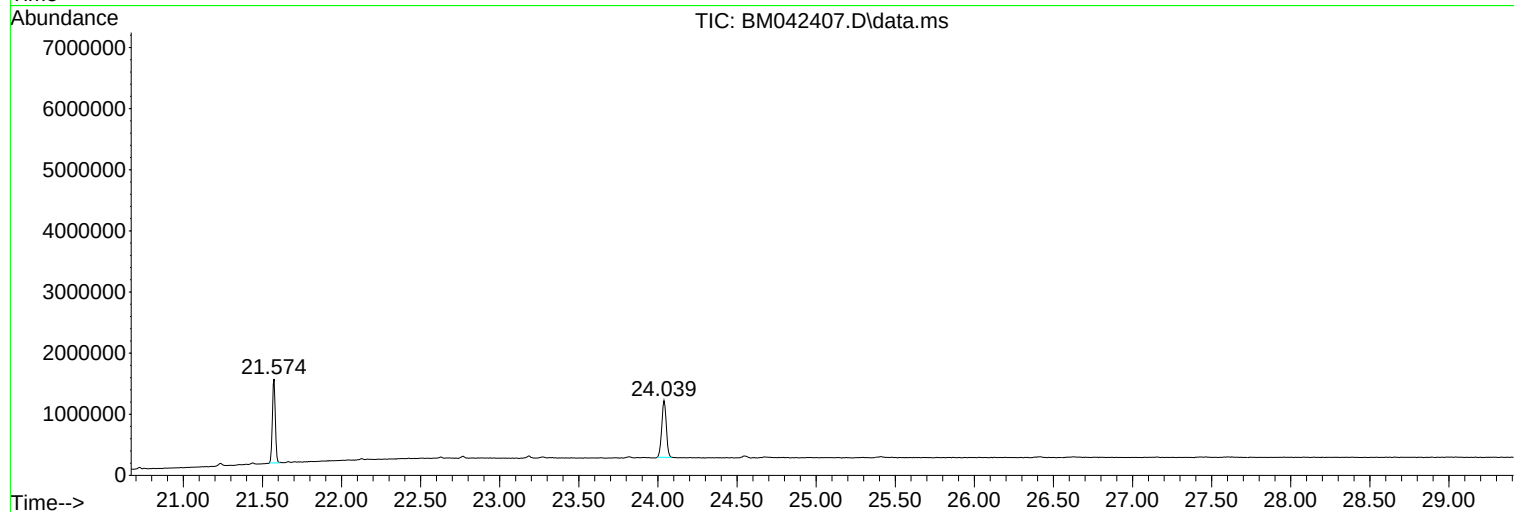
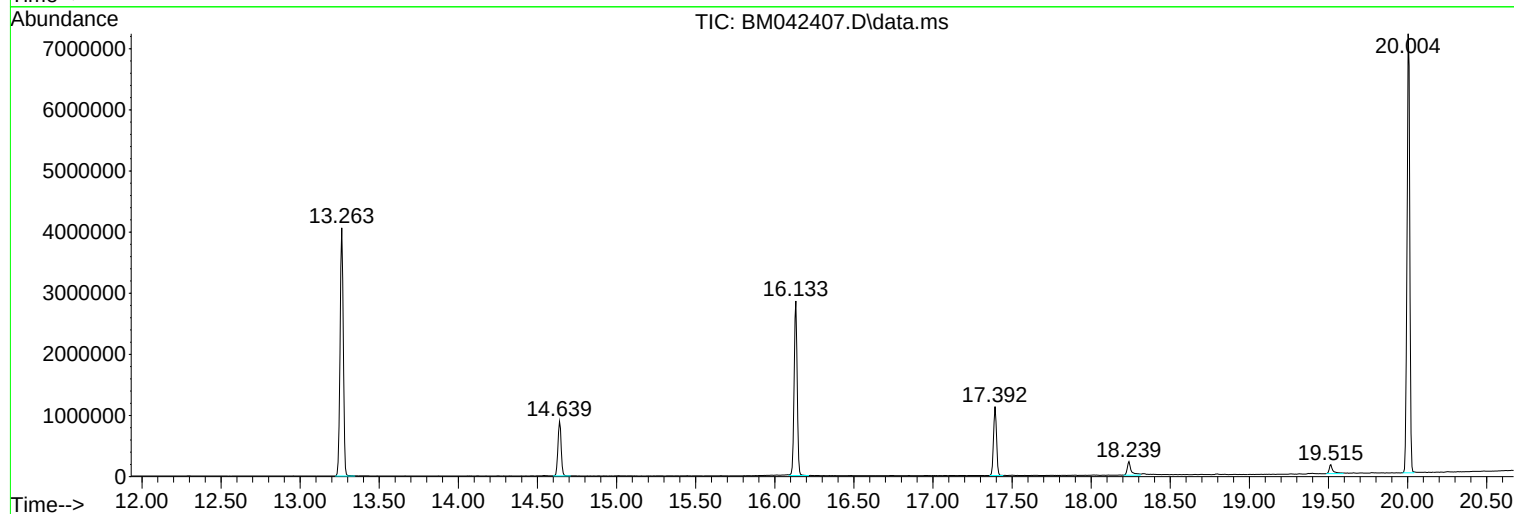
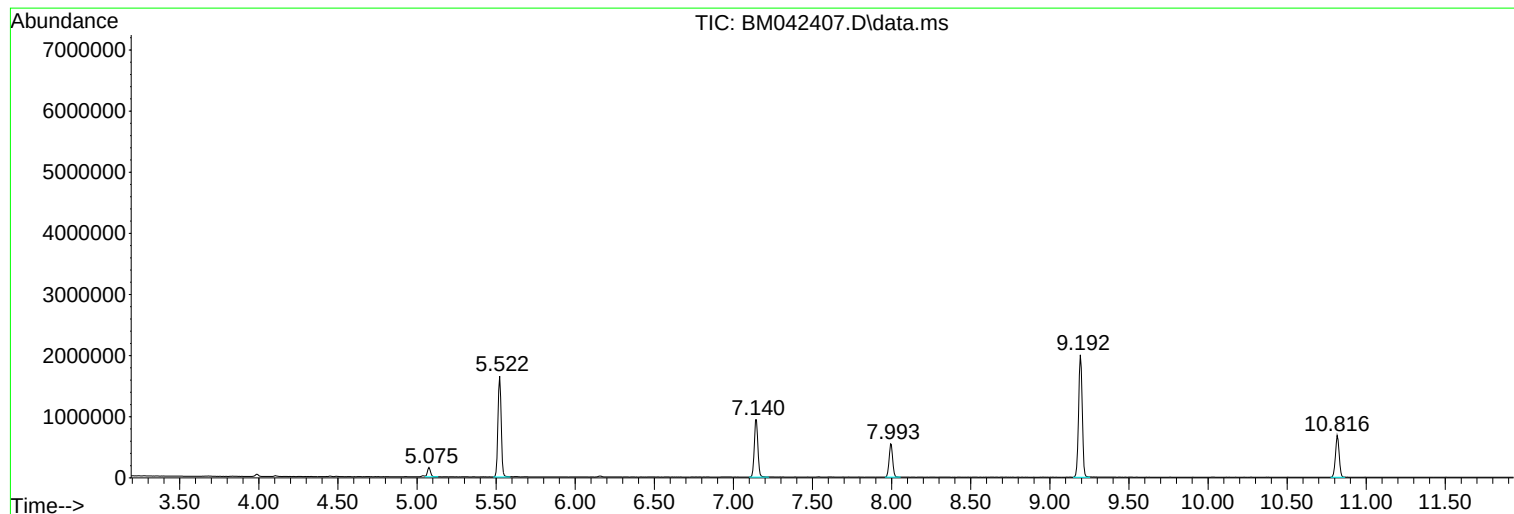
Sum of corrected areas: 34537452

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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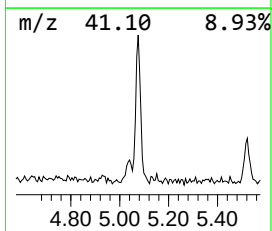
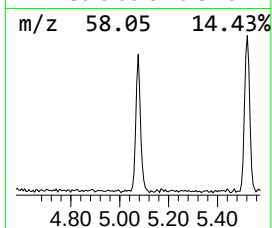
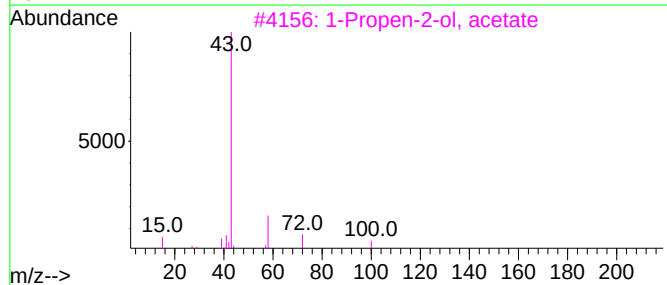
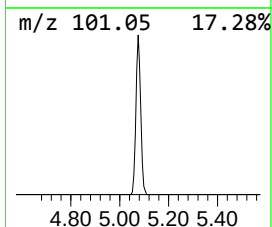
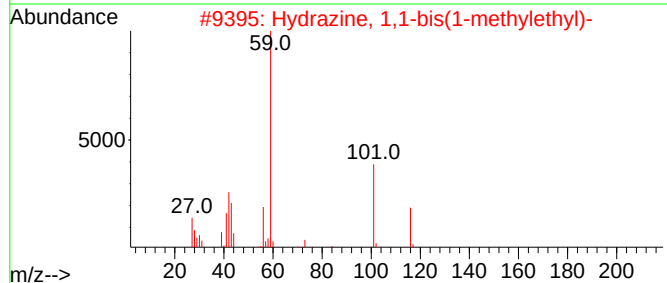
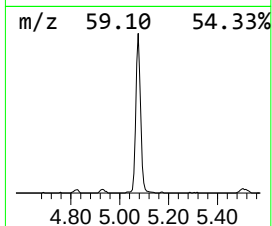
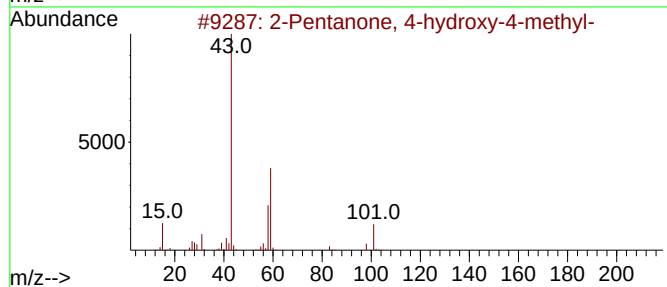
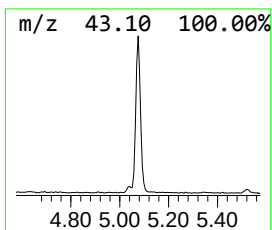
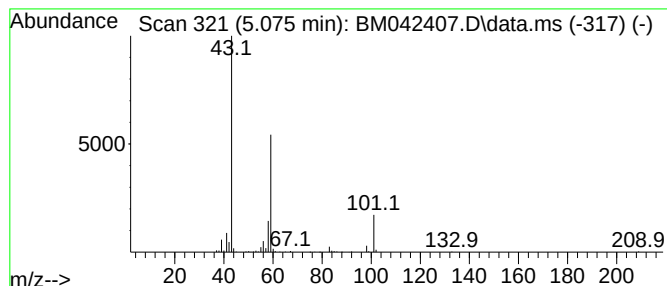
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TIC Library : C:\Database\NIST20.L
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	4.73 ng	203310	1,4-Dichlorobenzene-d4	7.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53		
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
4	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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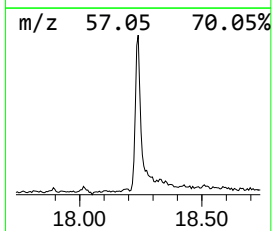
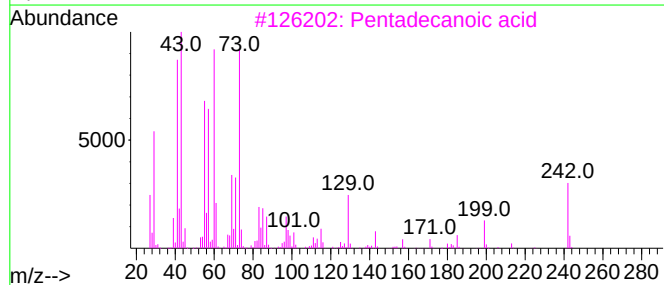
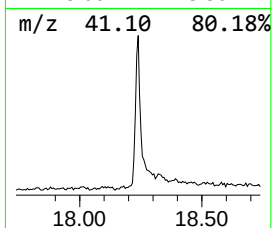
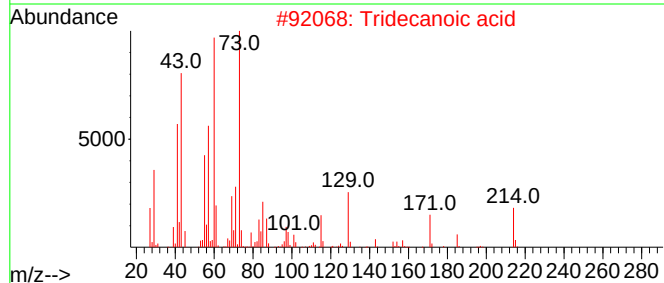
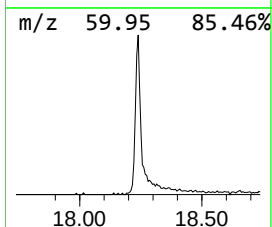
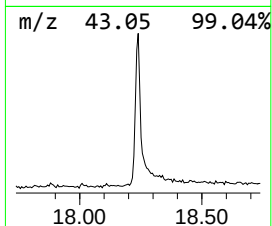
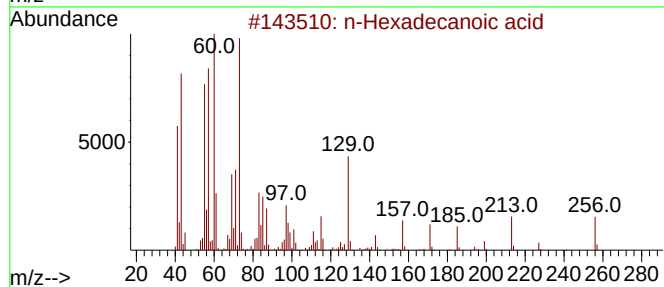
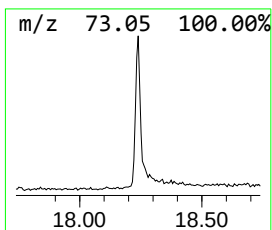
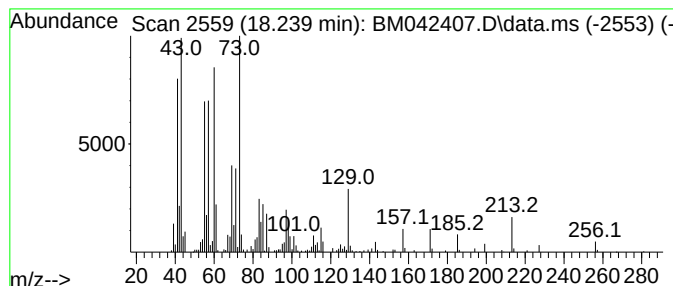
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	5.23 ng	387386	Phenanthrene-d10	17.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	53
5			Nonanoic acid	158	C9H18O2	000112-05-0	43



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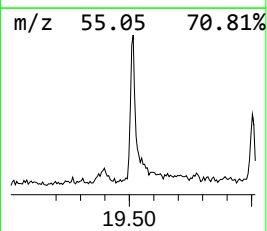
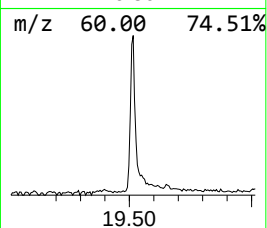
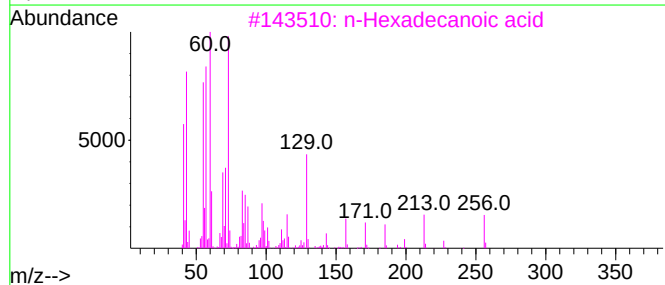
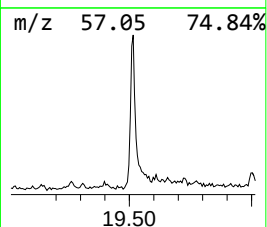
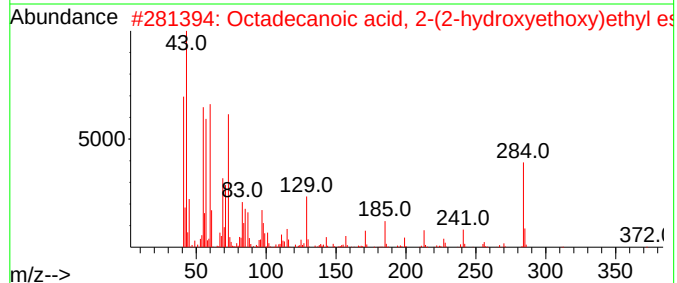
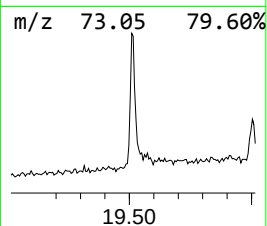
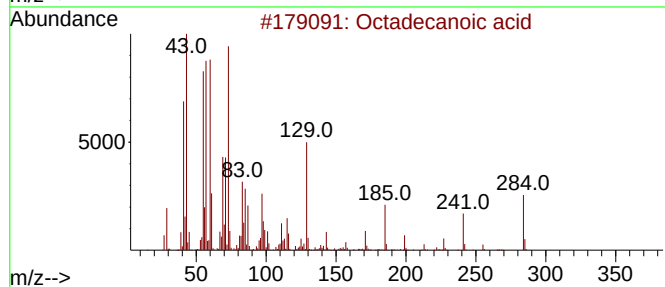
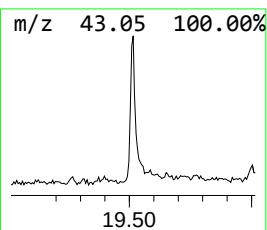
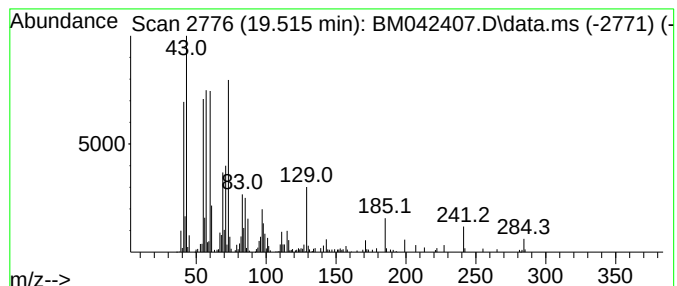
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.515	2.83 ng	254059	Chrysene-d12	21.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4			Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	25
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	20



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.075	4.7	ng	203310	1	7.998	859490	20.0
n-Hexadecanoic ...	18.239	5.2	ng	387386	4	17.392	1481920	20.0
Octadecanoic acid	19.515	2.8	ng	254059	5	21.574	1796060	20.0