

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041269.D
 Acq On : 03 Aug 2023 19:37
 Operator : MA/JU
 Sample : 03756-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 307/308-TP-6-8-CS3

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: BM041269.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	364	371	385	rBV	2303449	3334807	31.08%	7.101%
2	6.981	636	645	660	rBV	2407244	3750535	34.95%	7.987%
3	7.792	776	783	792	rBV	549445	865360	8.06%	1.843%
4	8.975	976	984	997	rBV	1413510	2302185	21.46%	4.902%
5	10.604	1253	1261	1275	rBV	839846	1374631	12.81%	2.927%
6	13.080	1675	1682	1693	rBV	4404353	6190359	57.69%	13.182%
7	14.463	1910	1917	1930	rBV	1447990	2112443	19.69%	4.498%
8	15.963	2166	2172	2192	rBV	4115778	5769449	53.77%	12.286%
9	17.221	2380	2386	2392	rBV	1954315	2702422	25.19%	5.755%
10	18.121	2534	2539	2550	rBV	914215	1425176	13.28%	3.035%
11	19.403	2753	2757	2774	rBV	346402	616418	5.74%	1.313%
12	19.862	2829	2835	2840	rBV	9036487	10730282	100.00%	22.850%
13	21.127	3046	3050	3059	rBV	518243	680637	6.34%	1.449%
14	21.421	3096	3100	3106	rBV	2100927	2703285	25.19%	5.757%
15	23.797	3498	3504	3516	rVB	1264026	2402506	22.39%	5.116%

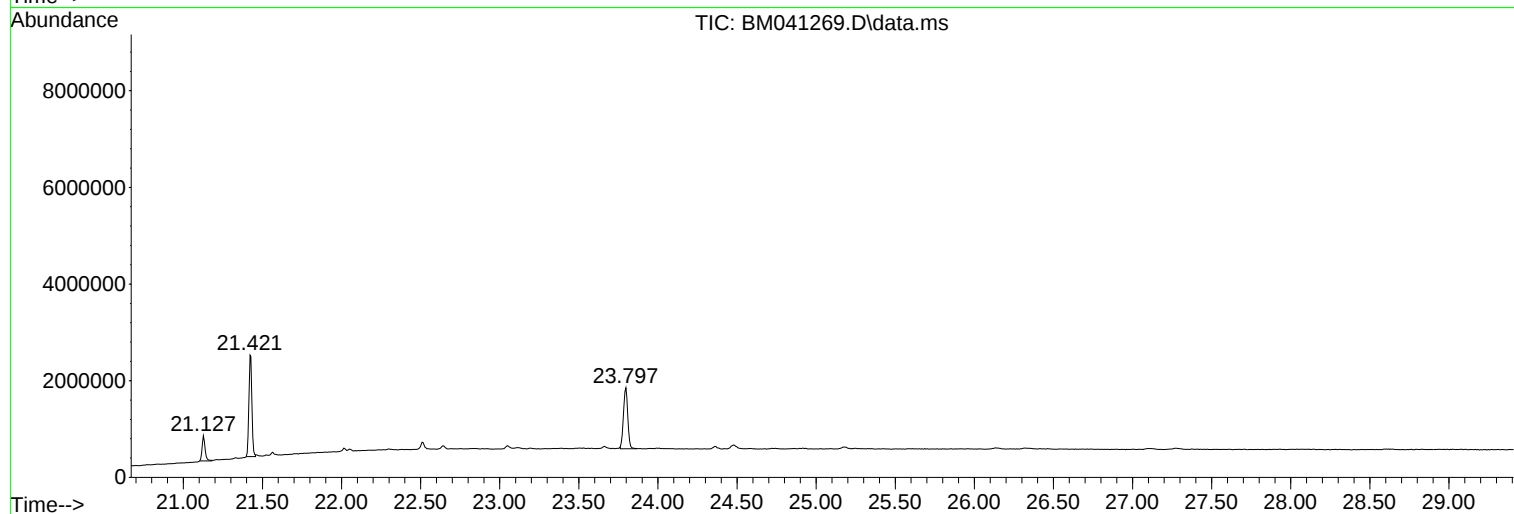
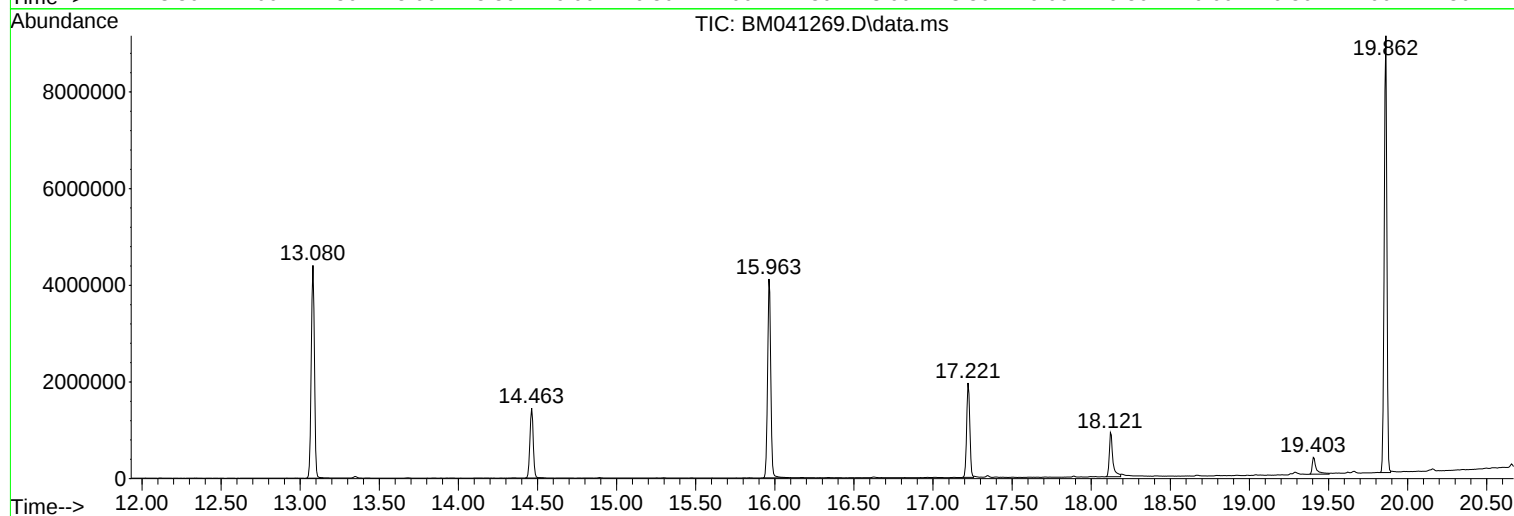
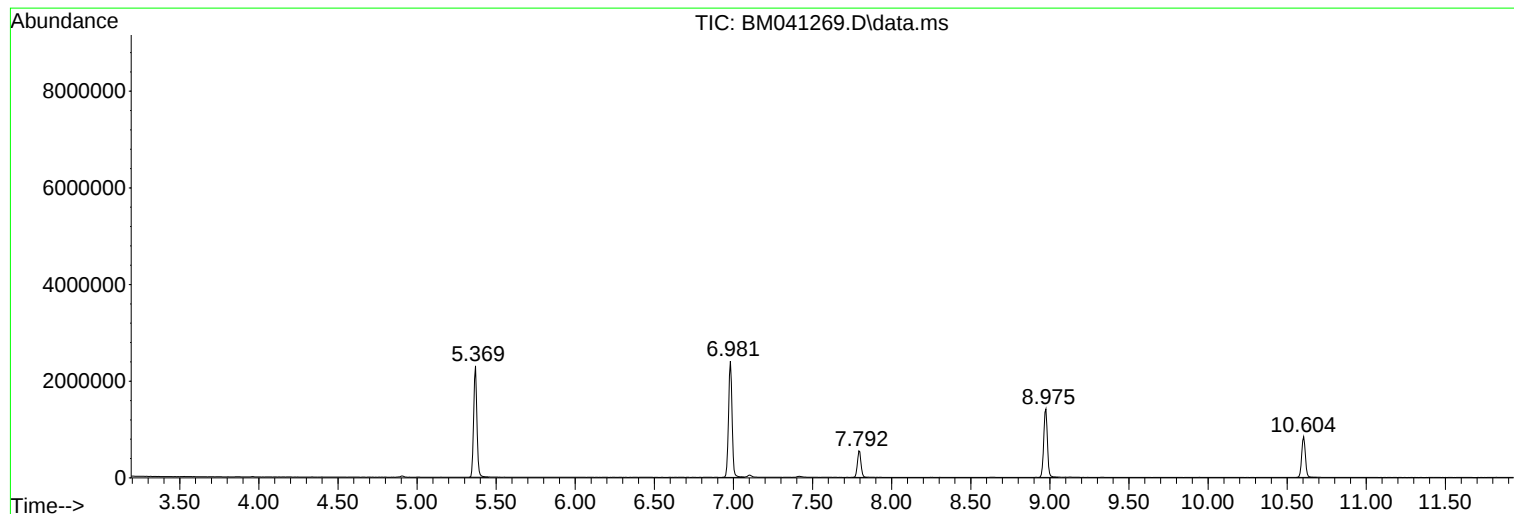
Sum of corrected areas: 46960495

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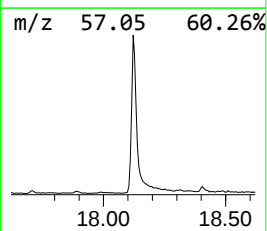
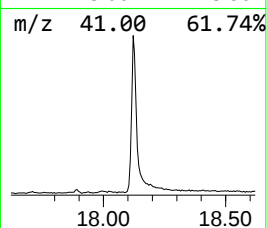
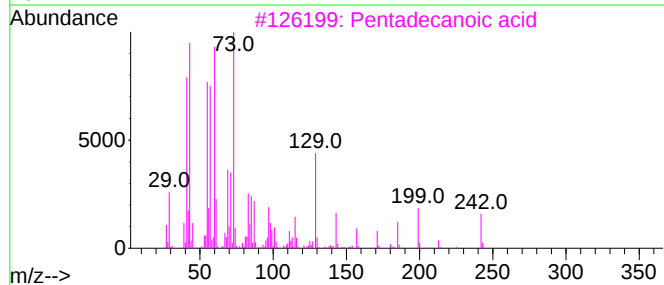
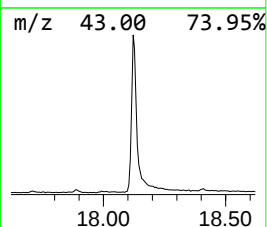
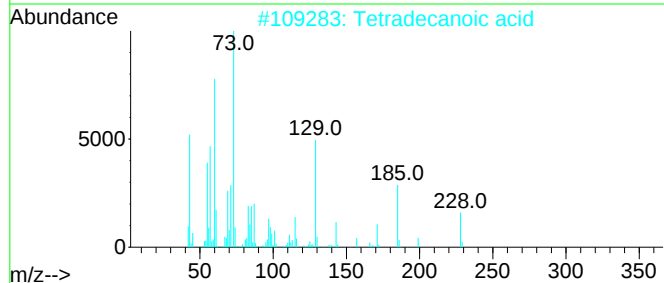
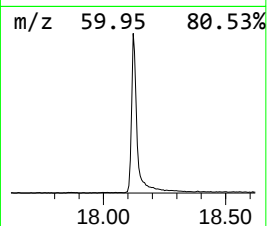
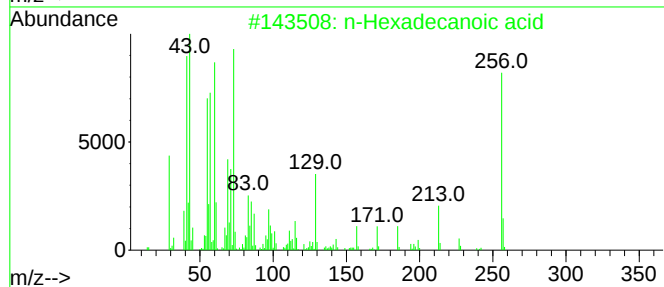
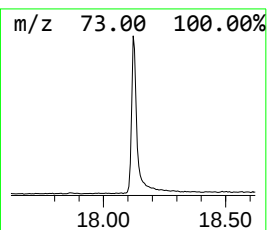
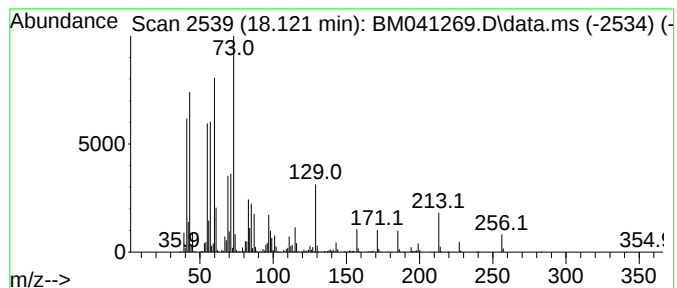
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	10.55 ng	1425180	Phenanthrene-d10	17.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	80
5			Nonanoic acid	158	C9H18O2	000112-05-0	49



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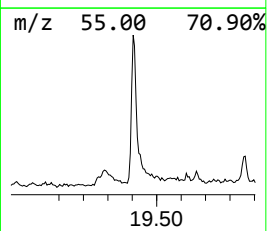
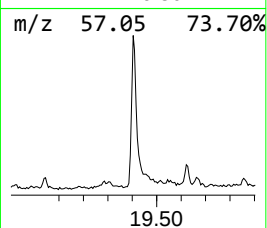
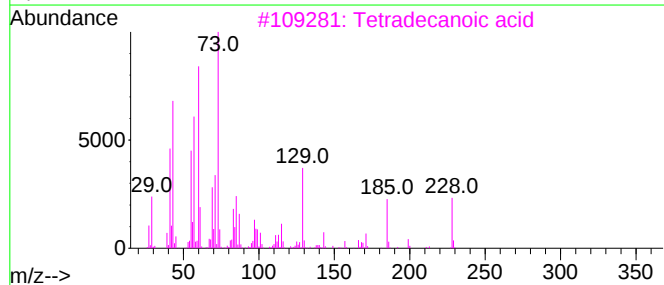
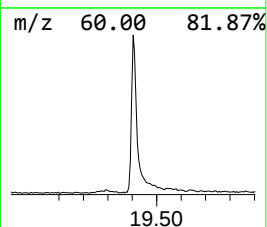
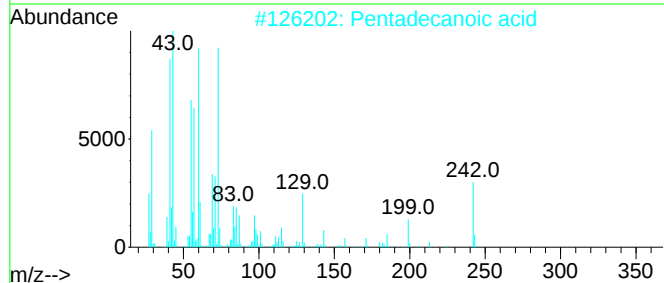
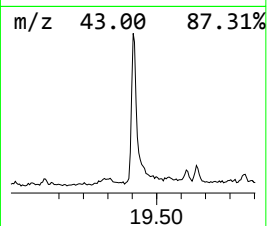
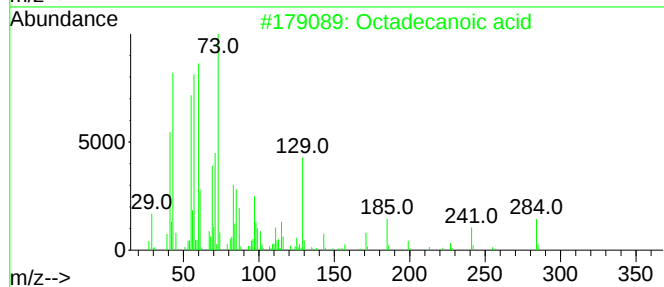
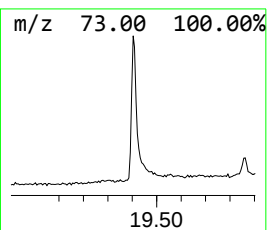
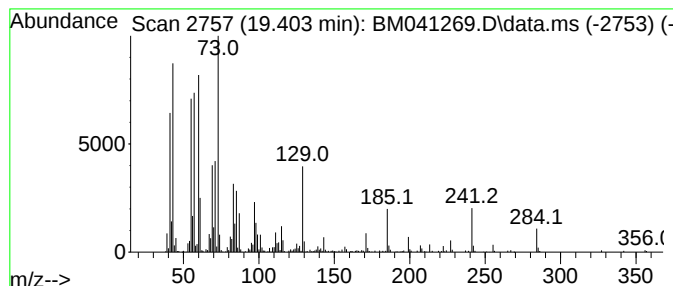
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.403	4.56 ng	616418	Chrysene-d12	21.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80



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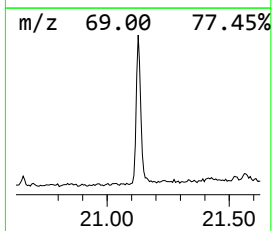
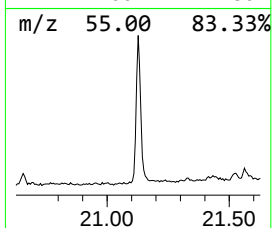
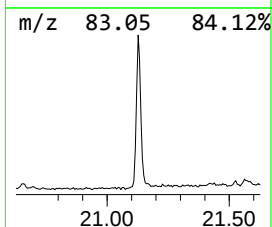
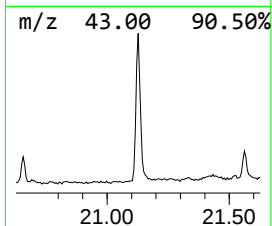
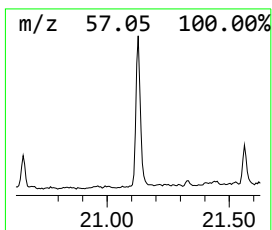
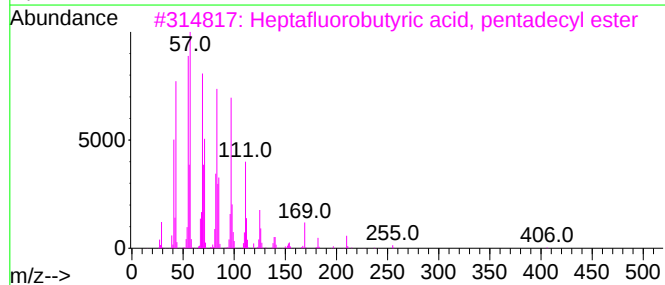
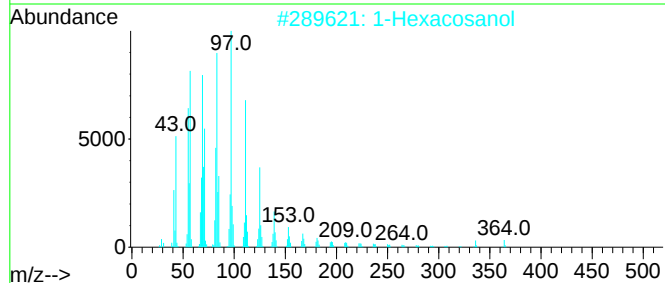
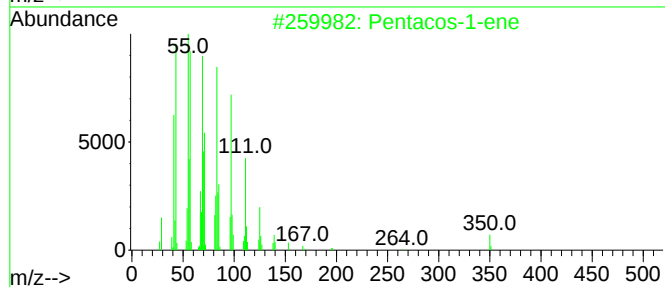
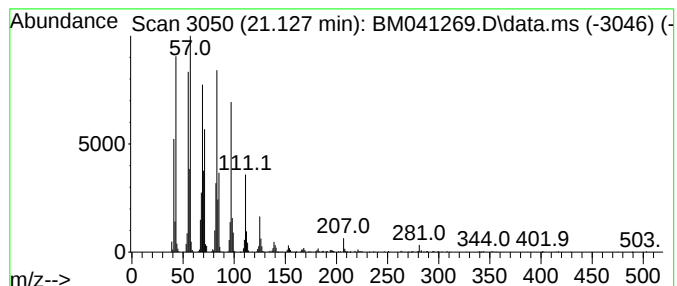
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Peak Number 3 Pentacos-1-ene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.127	5.04 ng	680637	Chrysene-d12	21.421	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	94
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.121	10.6	ng	1425180	4	17.221	2702420	20.0
Octadecanoic acid	19.403	4.6	ng	616418	5	21.421	2703290	20.0
Pentacos-1-ene	21.127	5.0	ng	680637	5	21.421	2703290	20.0