

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047962.D
 Acq On : 21 Jan 2021 20:43
 Operator : CG/JU
 Sample : M1191-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0041-043-COMP-C

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_G\METHODS\8270-BG012121.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG047962.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.699	394	402	414	rVB	736558	1155735	43.50%	8.332%
2	7.291	665	673	684	rBV	750025	1262036	47.50%	9.099%
3	8.149	811	819	825	rBV	182241	305008	11.48%	2.199%
4	9.307	1009	1016	1024	rVB	451041	789750	29.72%	5.694%
5	10.963	1290	1298	1308	rVB	242638	425818	16.03%	3.070%
6	13.396	1704	1712	1720	rBV	1144498	1727336	65.01%	12.453%
7	14.213	1845	1851	1856	rBV	47007	65814	2.48%	0.474%
8	14.765	1939	1945	1955	rVB	388050	638711	24.04%	4.605%
9	16.251	2191	2198	2206	rBV	1018993	1531311	57.63%	11.040%
10	17.509	2405	2412	2422	rVB	515834	799314	30.08%	5.763%
11	18.396	2558	2563	2572	rBV	155067	237545	8.94%	1.713%
12	19.659	2773	2778	2790	rBV2	102239	154487	5.81%	1.114%
13	20.111	2849	2855	2861	rVB	2032467	2657125	100.00%	19.156%
14	21.428	3075	3079	3089	rBV2	147539	224979	8.47%	1.622%
15	21.792	3134	3141	3147	rBV2	564456	920957	34.66%	6.640%
16	22.638	3282	3285	3292	rVB8	21137	39456	1.48%	0.284%
17	25.106	3694	3705	3716	rBV3	304432	900535	33.89%	6.492%
18	25.182	3716	3718	3727	rVB9	16679	34727	1.31%	0.250%

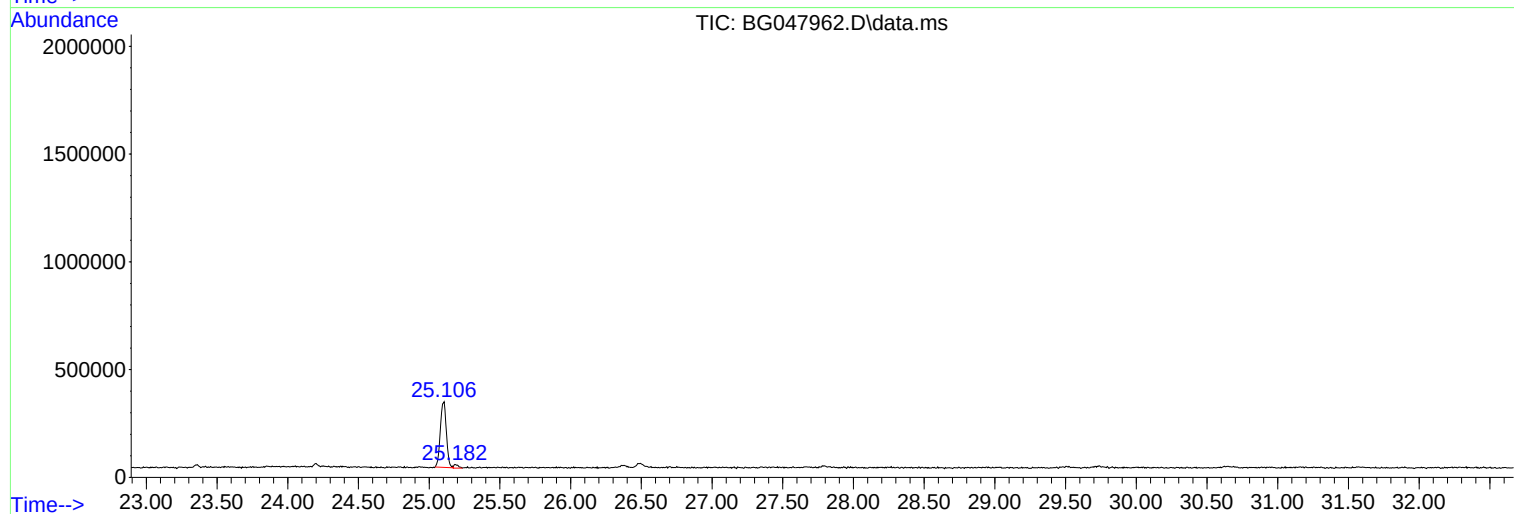
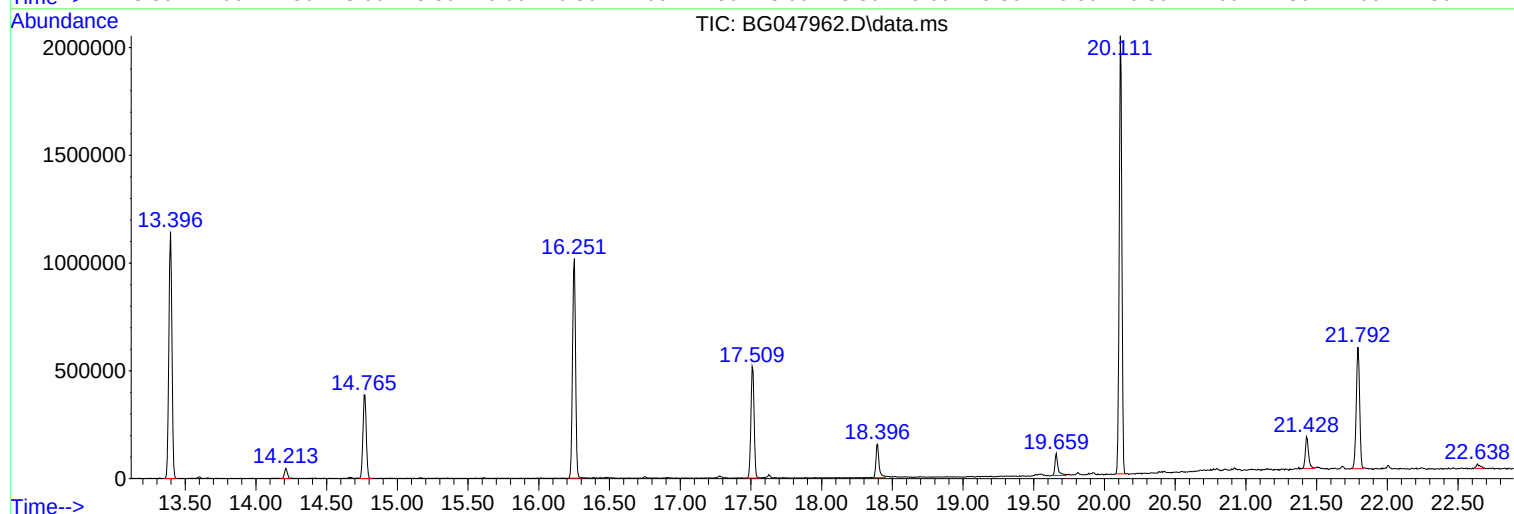
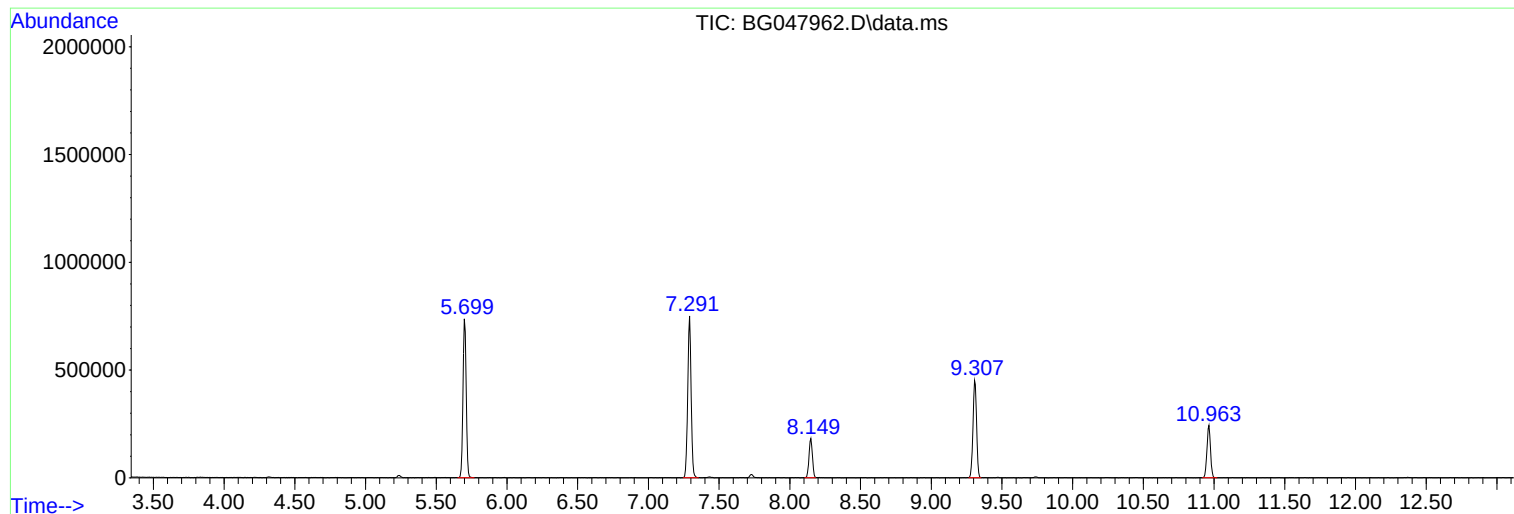
Sum of corrected areas: 13870644

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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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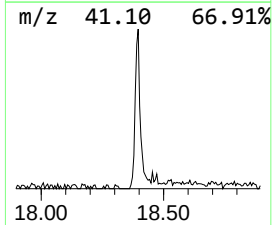
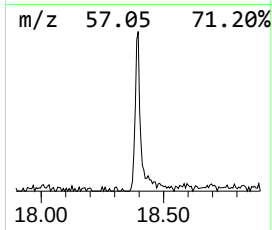
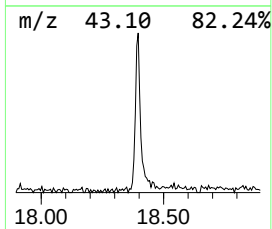
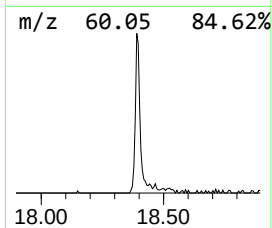
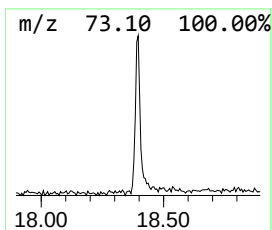
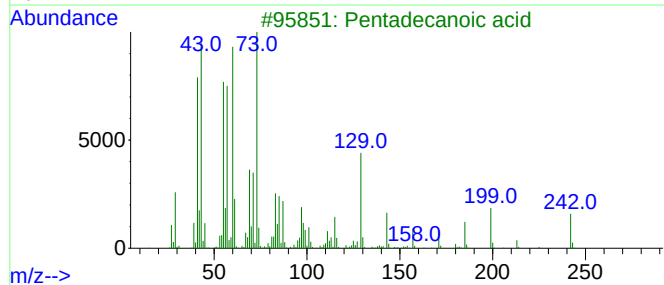
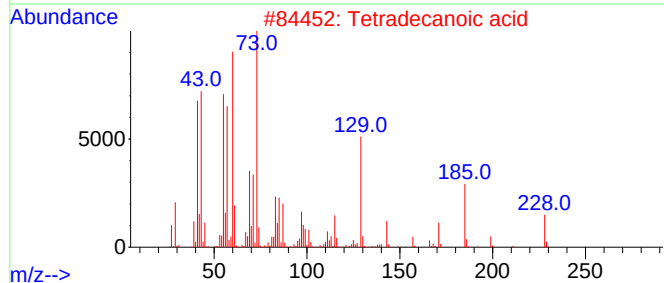
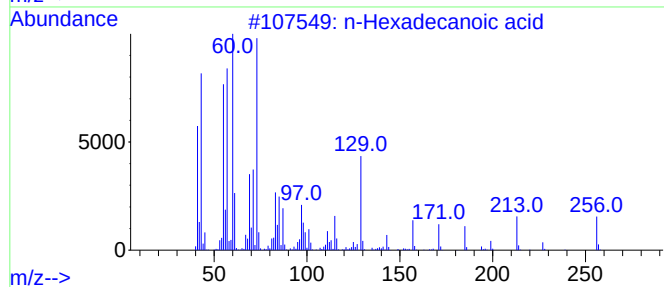
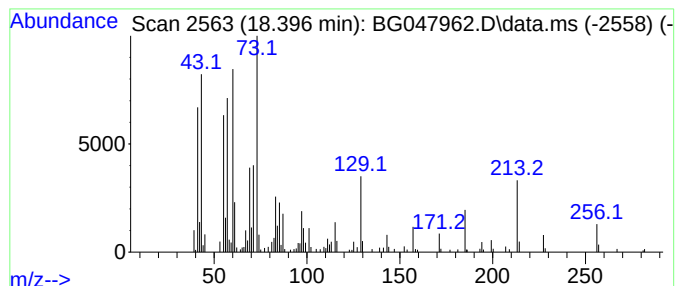
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.396	5.94 ng	237545	Phenanthrene-d10	17.509

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	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Dodecanoic acid	200	C12H24O2	000143-07-7	64



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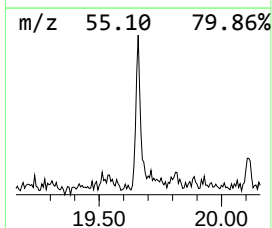
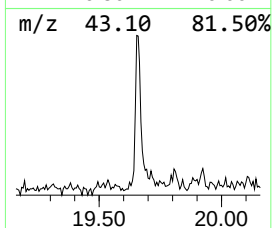
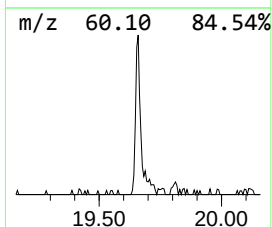
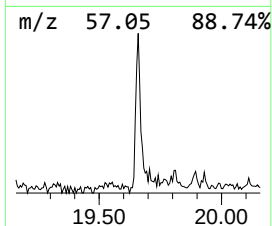
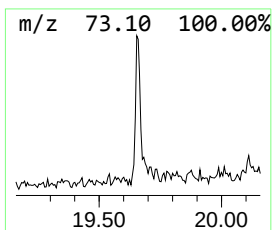
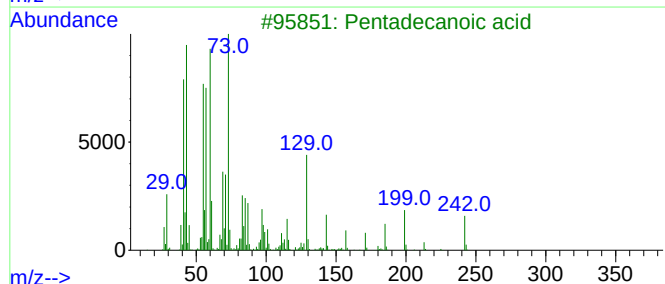
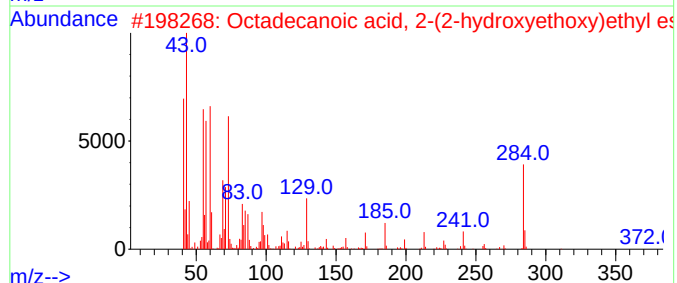
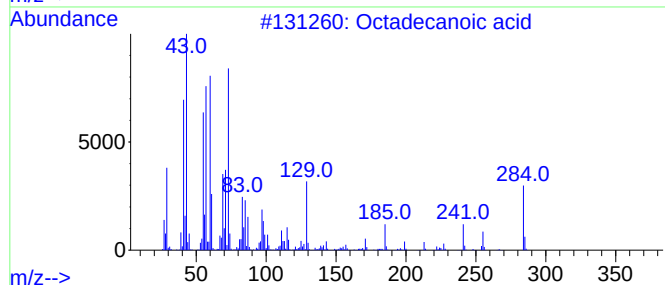
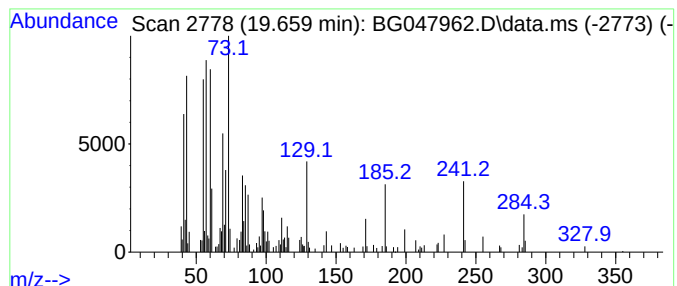
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.659	3.35 ng	154487	Chrysene-d12	21.792

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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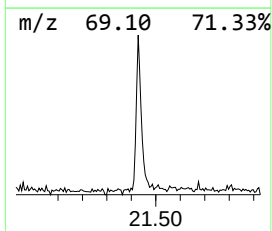
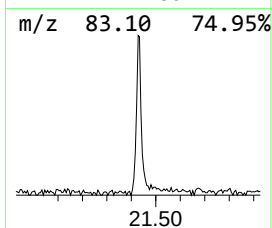
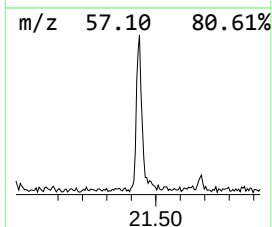
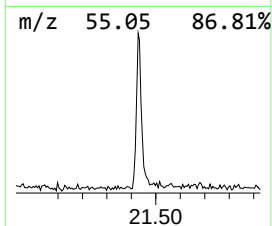
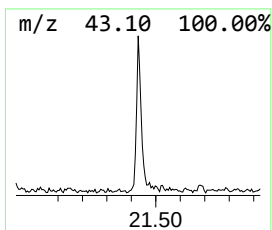
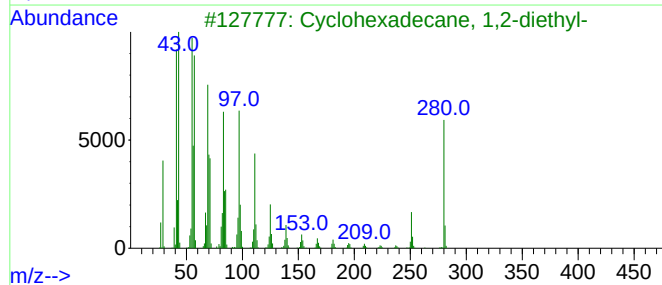
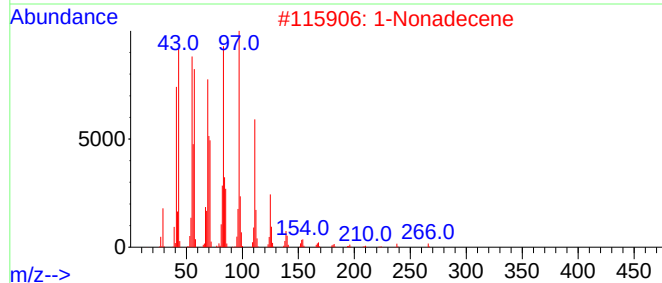
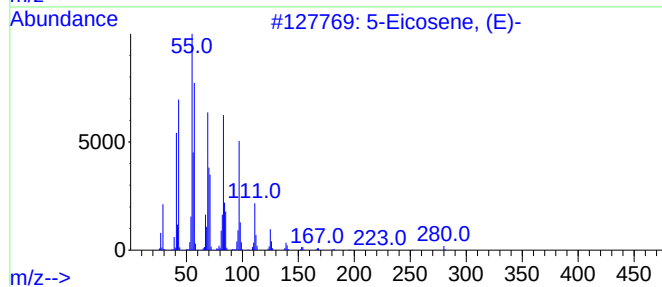
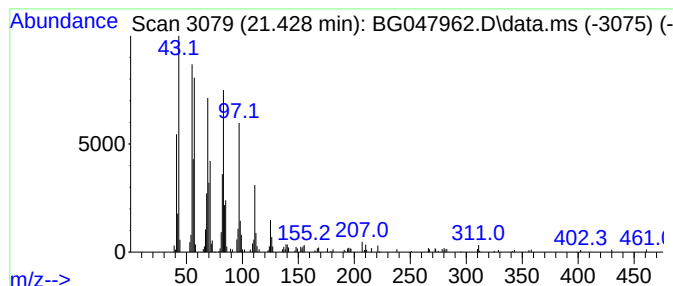
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Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.428	4.89 ng	224979	Chrysene-d12	21.792

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	99
2	1-Nonadecene		266	C19H38	018435-45-5	95
3	Cyclohexadecane, 1,2-diethyl-		280	C20H40	1000155-85-3	95
4	1-Eicosene		280	C20H40	003452-07-1	94
5	1-Eicosanol		298	C20H42O	000629-96-9	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.396	5.9	ng	237545	4	17.509	799314	20.0
Octadecanoic acid	19.659	3.4	ng	154487	5	21.792	920957	20.0
5-Eicosene, (E)-	21.428	4.9	ng	224979	5	21.792	920957	20.0