

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
 Data File : BP019950.D
 Acq On : 29 Feb 2024 22:28
 Operator : MA/JU
 Sample : P1639-21 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-7

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_P\Methods\8270E-BP022624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019950.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	397	405	422	rBV	887763	1409614	42.32%	6.960%
2	7.075	669	678	694	rBV	869647	1533664	46.04%	7.572%
3	7.893	808	817	825	rBV	363656	589139	17.69%	2.909%
4	9.069	1009	1017	1035	rBV	555559	1005275	30.18%	4.963%
5	10.699	1286	1294	1305	rBV	455683	797340	23.94%	3.937%
6	13.163	1705	1713	1727	rBV	1656194	2510830	75.37%	12.396%
7	14.539	1940	1947	1955	rBV	726607	1145398	34.38%	5.655%
8	16.039	2196	2202	2220	rBV	1425507	2215636	66.51%	10.939%
9	17.304	2411	2417	2422	rBV	927086	1394908	41.87%	6.887%
10	17.345	2422	2424	2430	rVB	61705	86235	2.59%	0.426%
11	18.198	2565	2569	2579	rBV	234501	348547	10.46%	1.721%
12	19.322	2756	2760	2765	rVB	171847	221636	6.65%	1.094%
13	19.439	2777	2780	2788	rVB4	66734	95018	2.85%	0.469%
14	19.675	2816	2820	2825	rVB	141881	184344	5.53%	0.910%
15	19.874	2849	2854	2859	rBV	2697389	3331233	100.00%	16.447%
16	20.627	2978	2982	2990	rBV	1007442	1231529	36.97%	6.080%
17	21.121	3064	3066	3071	rVB2	150025	154010	4.62%	0.760%
18	21.410	3111	3115	3119	rVB	795221	1049294	31.50%	5.181%
19	23.839	3524	3528	3536	rVB	480220	950863	28.54%	4.695%

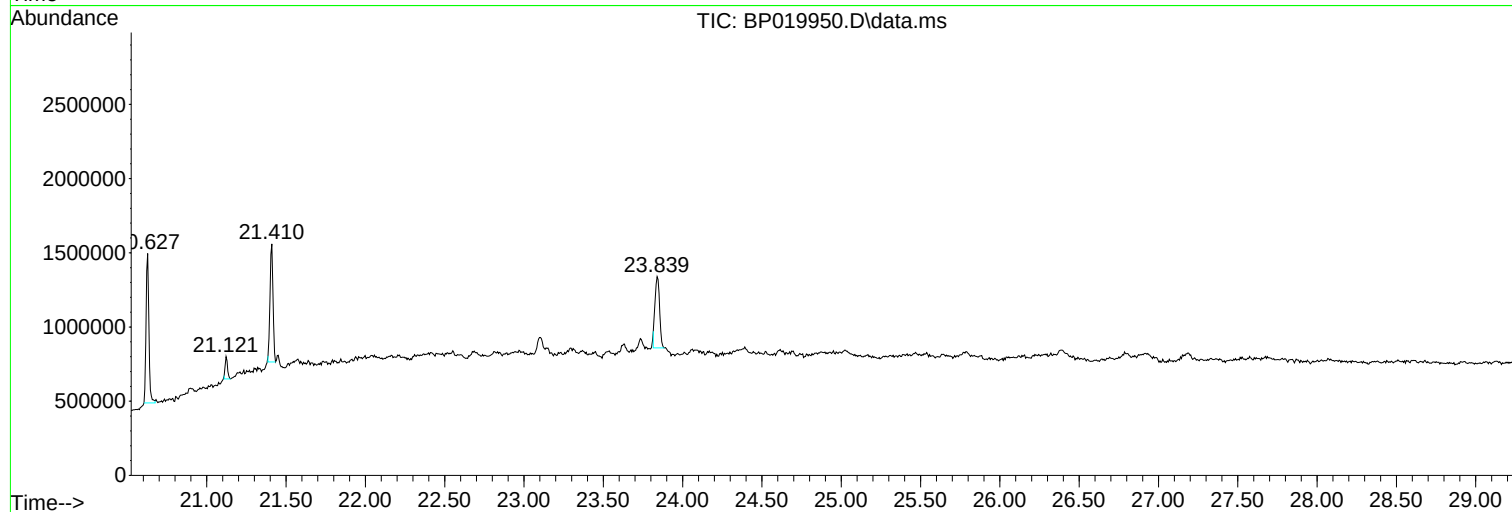
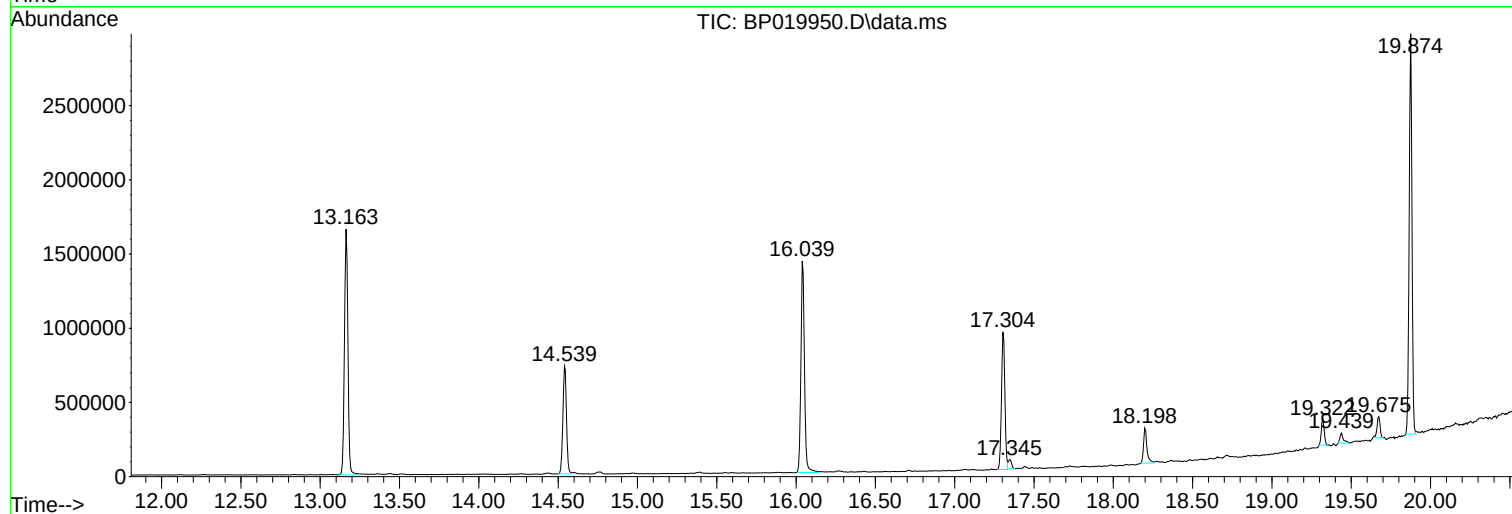
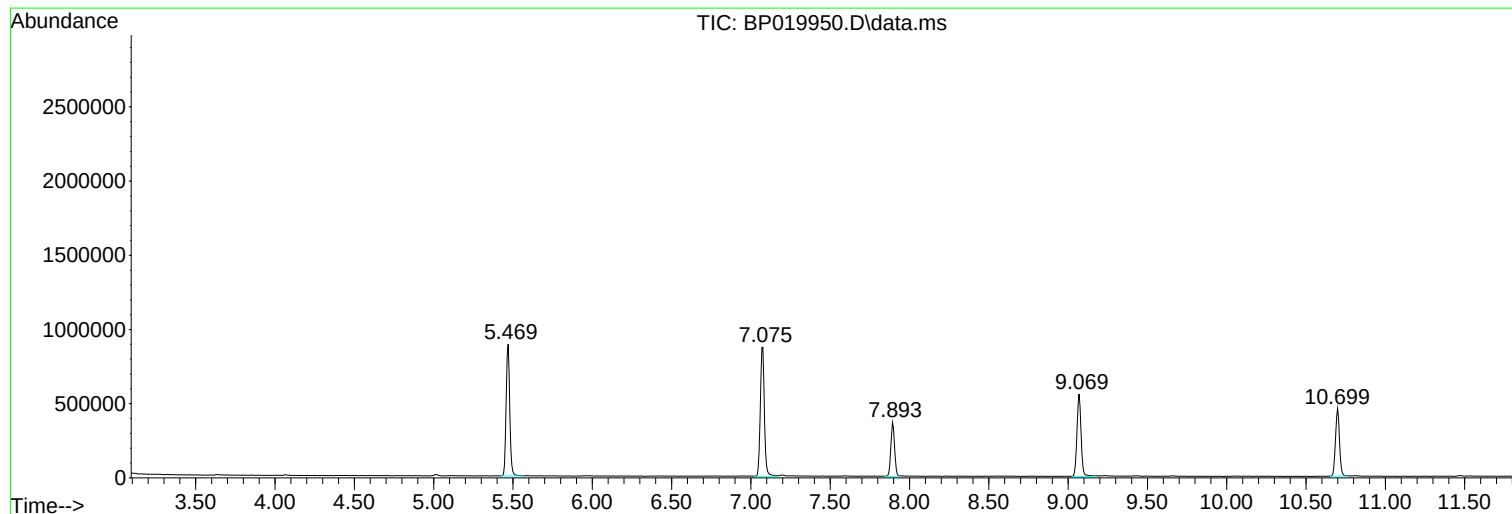
Sum of corrected areas: 20254513

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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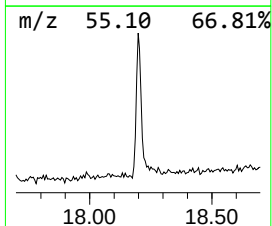
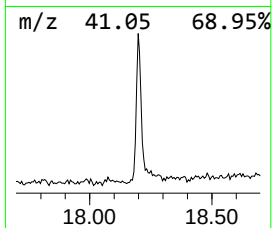
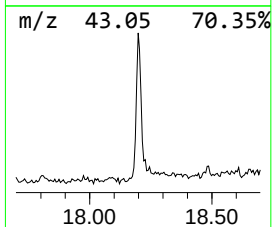
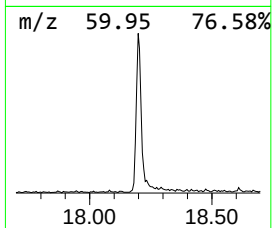
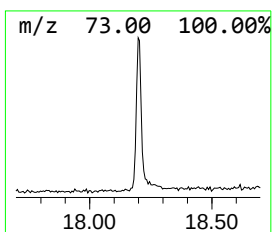
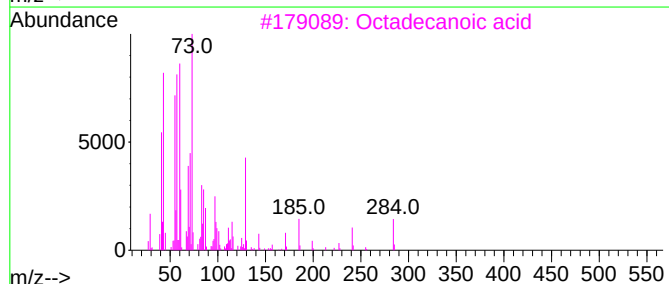
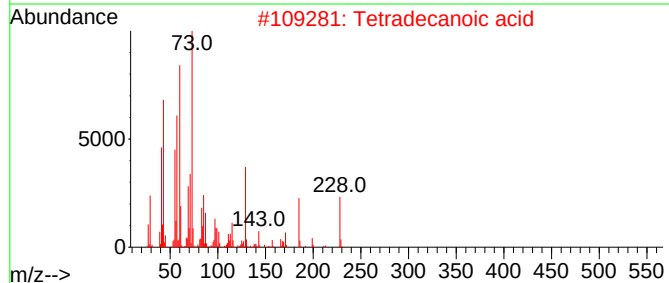
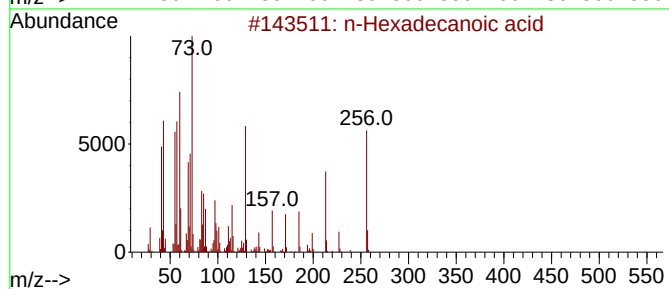
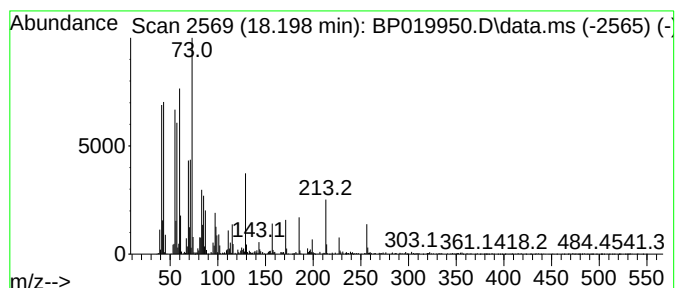
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.198	5.00 ng	348547	Phenanthrene-d10	17.304	
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	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70



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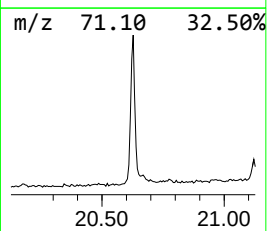
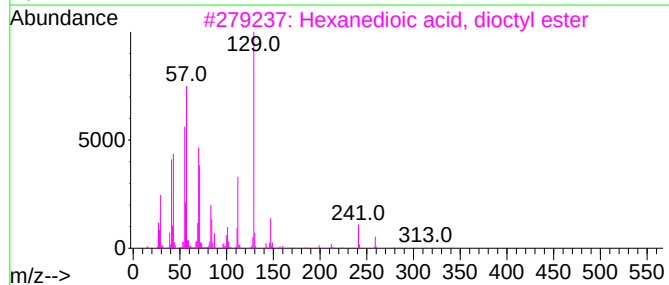
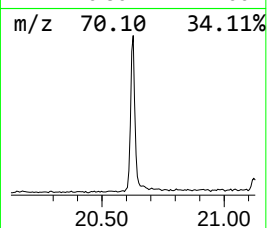
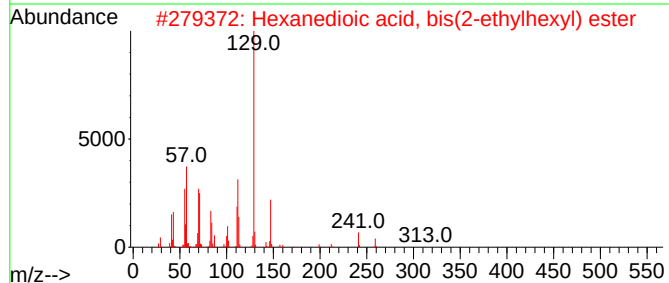
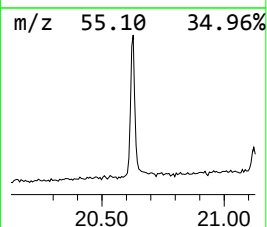
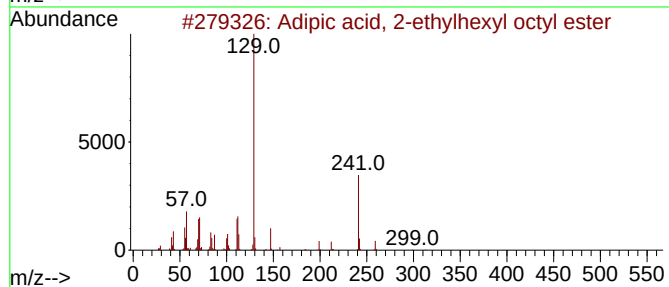
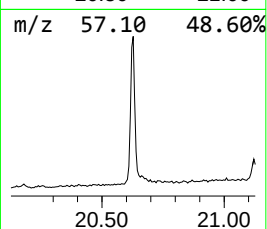
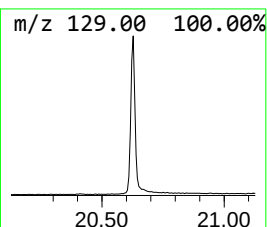
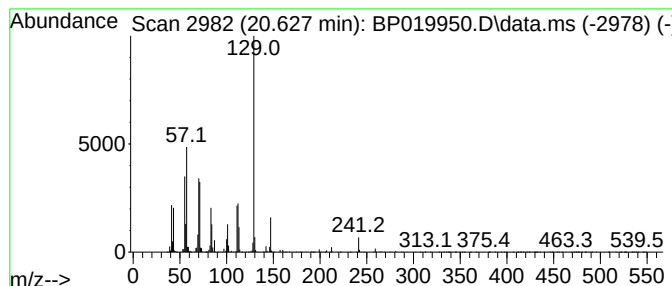
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Peak Number 2 Adipic acid, 2-ethylhexyl o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.627	23.47 ng	1231530	Chrysene-d12	21.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	83
3			Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	78
4			Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	53
5			Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	52



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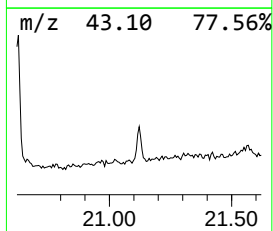
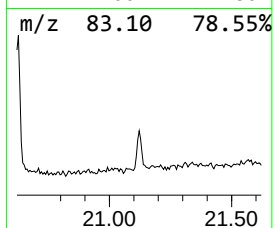
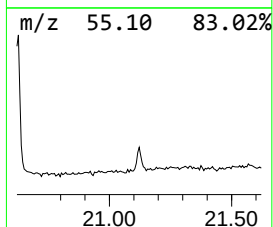
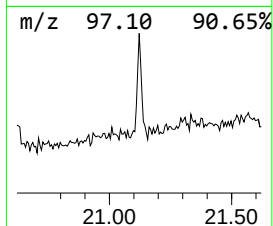
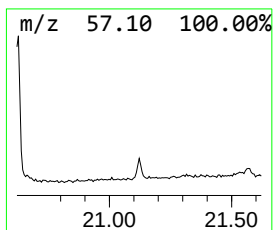
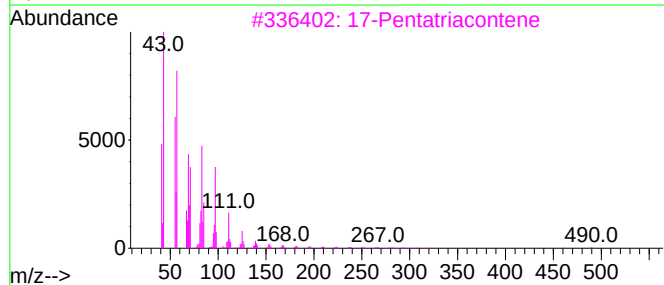
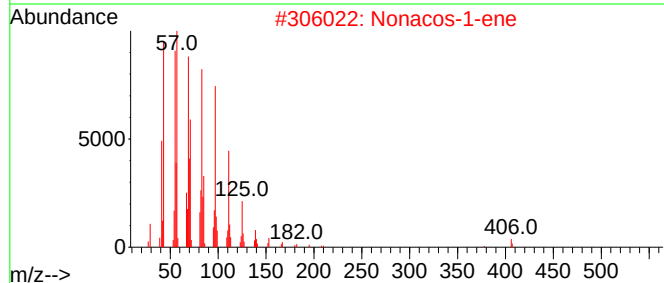
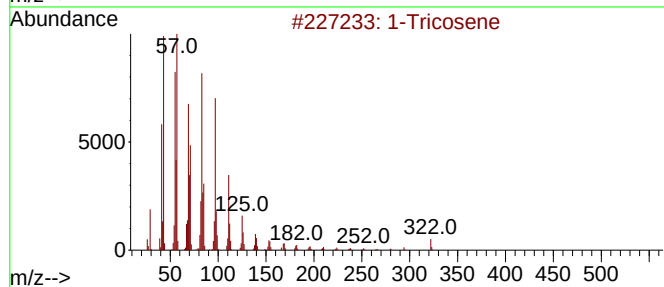
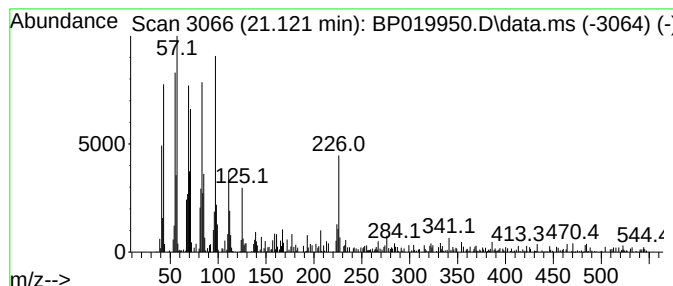
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Peak Number 3 1-Tricosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.122	2.94 ng	154010	Chrysene-d12	21.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene			322	C23H46	018835-32-0	97
2	Nonacos-1-ene			406	C29H58	018835-35-3	92
3	17-Pentatriacontene			491	C35H70	006971-40-0	91
4	1-Nonadecene			266	C19H38	018435-45-5	91
5	E-15-Heptadecenal			252	C17H32O	1000130-97-9	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.198	5.0	ng	348547	4	17.304	1394910	20.0
Adipic acid, 2-...	20.627	23.5	ng	1231530	5	21.410	1049290	20.0
1-Tricosene	21.122	2.9	ng	154010	5	21.410	1049290	20.0