LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028790.D
Acq On : 16 Sep 2017 7:21
Operator : SJ/JU
Sample : I5207-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170610-COMP-A

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:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.391	303	307	316	rVB	49554	77823	3.43%	0.653%
2	5.861	380	387	399	rBV	520778	888040	39.10%	7.453%
3	7.441	646	656	672	rBV	509501	979961	43.14%	8.225%
4	7.823	714	721	729	rBV	508387	905246	39.85%	7.598%
5	8.287	793	800	807	rBV	95334	171627	7.56%	1.440%
6	8.616	847	856	864	rBV	339317	606828	26.72%	5.093%
7	9.462	991	1000	1010	rBV	286073	558233	24.58%	4.685%
8	11.107	1273	1280	1291	rBV	126195	238538	10.50%	2.002%
9	13.528	1685	1692	1701	rBV	785302	1224906	53.93%	10.281%
10	14.345	1826	1831	1839	rBV	66523	109575	4.82%	0.920%
11	14.909	1919	1927	1938	rVB3	234304	389205	17.13%	3.267%
12	16.395	2173	2180	2195	rBV	882639	1449498	63.81%	12.166%
13	17.659	2387	2395	2403	rBV2	360441	574353	25.29%	4.821%
14	18.511	2533	2540	2545	rBV3	40010	63605	2.80%	0.534%
15	19.774	2751	2755	2761	rBV3	23696	36307	1.60%	0.305%
16	20.250	2829	2836	2846	rBV	1670462	2271476	100.00%	19.065%
17	21.560	3054	3059	3064	rBV8	18396	41186	1.81%	0.346%
18	21.983	3124	3131	3139	rBV	376390	667251	29.38%	5.600%
19	25.449	3707	3721	3733	rBV	207579	660956	29.10%	5.547%

Sum of corrected areas: 11914614

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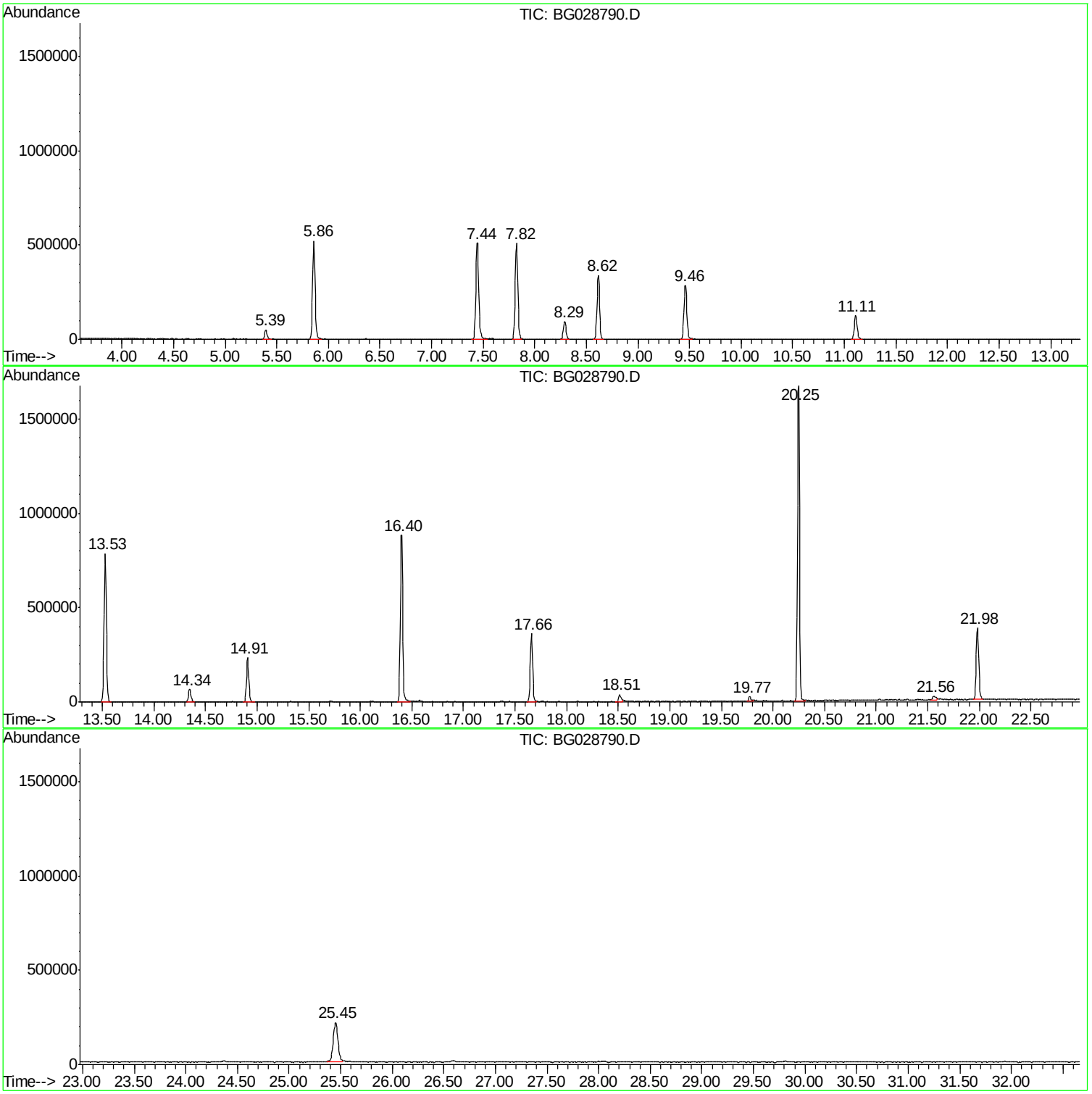
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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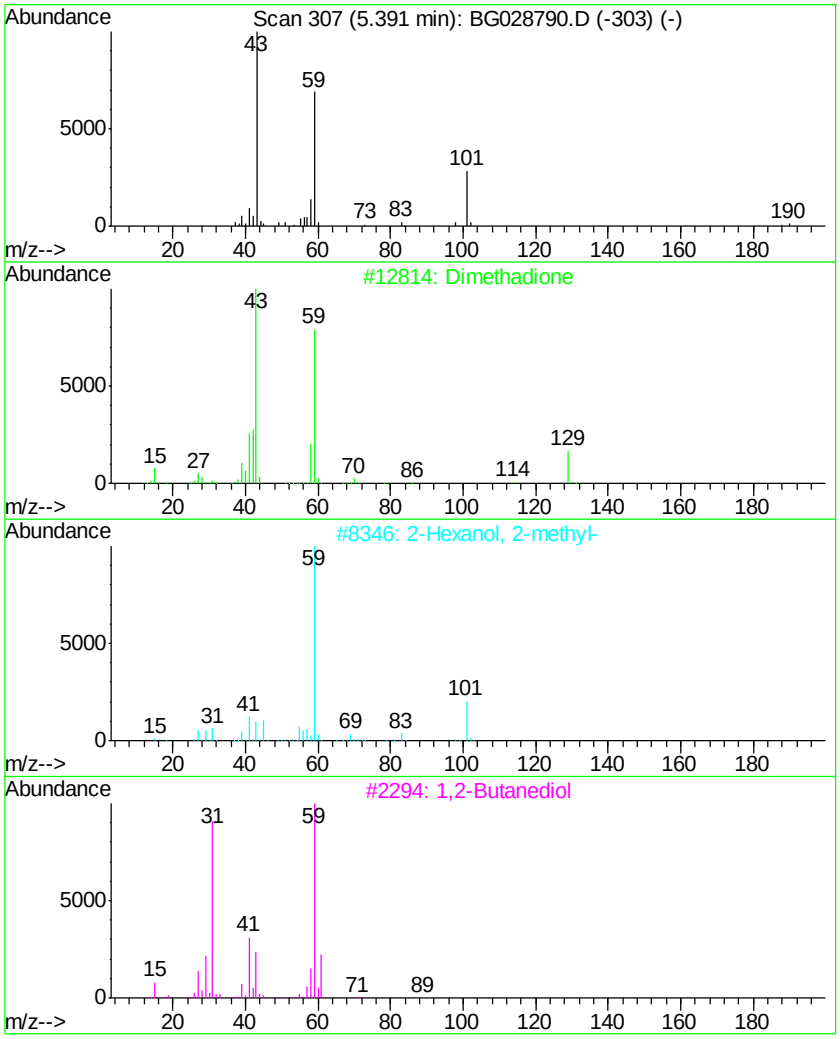
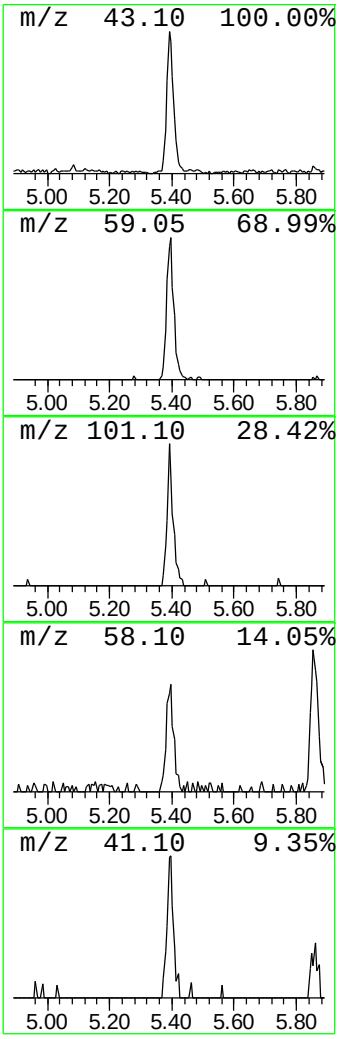
Peak Number 1 unknown5.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	9.07 ng	77823	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethadione	129	C5H7NO3	000695-53-4	36
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	1,2-Butanediol	90	C4H10O2	000584-03-2	23
4	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	23
5	3-Heptanol	116	C7H16O	000589-82-2	17





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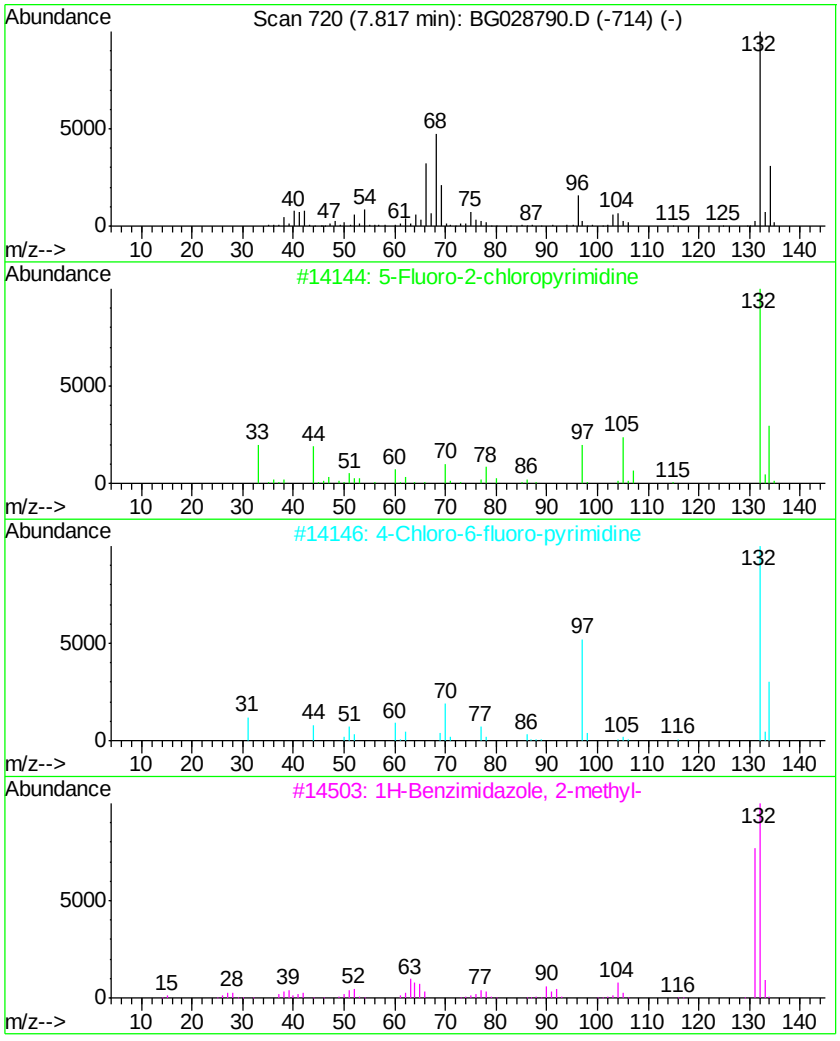
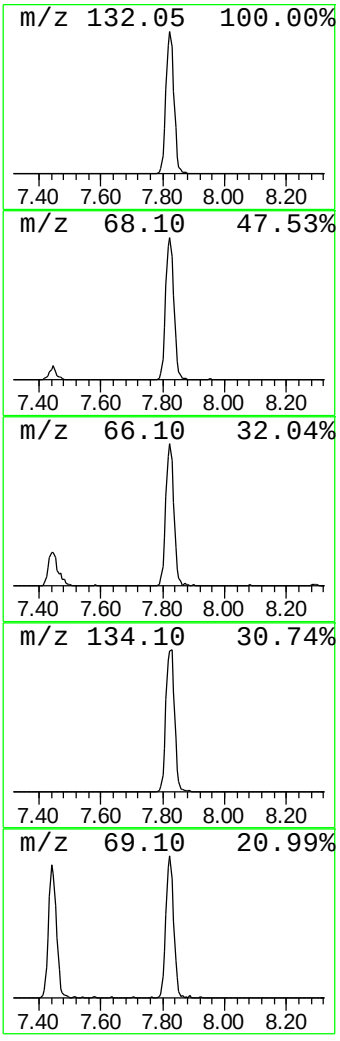
Peak Number 2 unknown7.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	105.49 ng	905246	1,4-Dichlorobenzene-d4	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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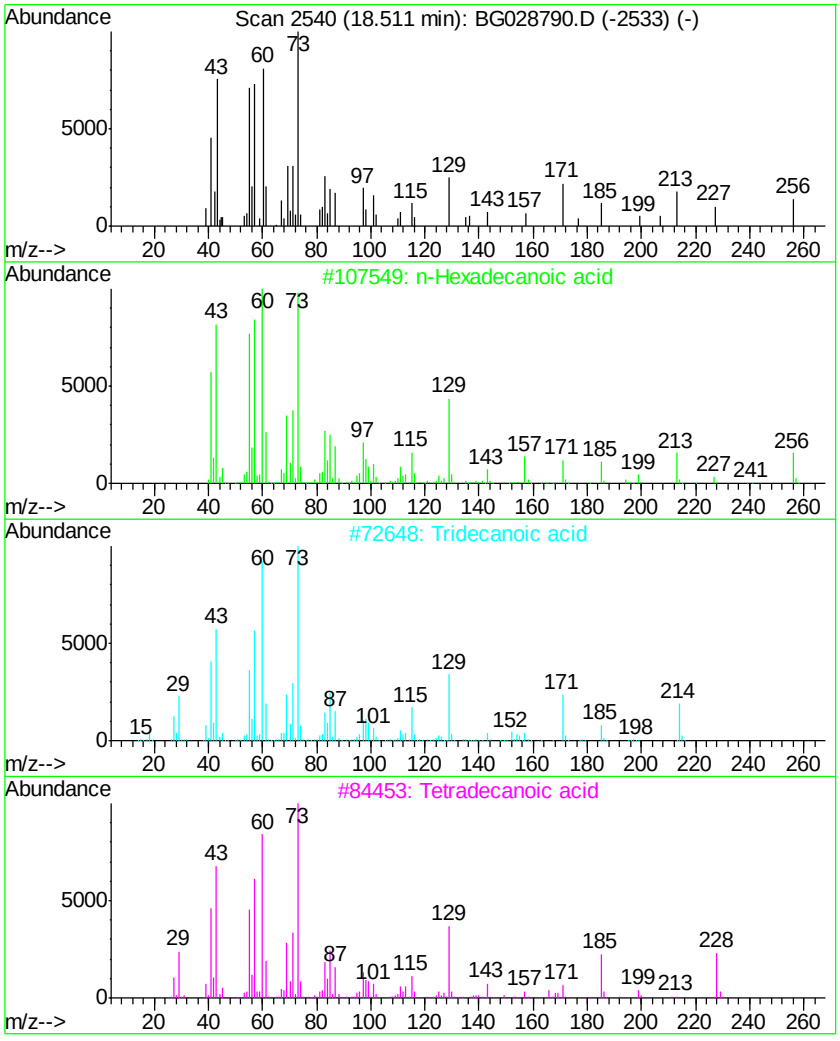
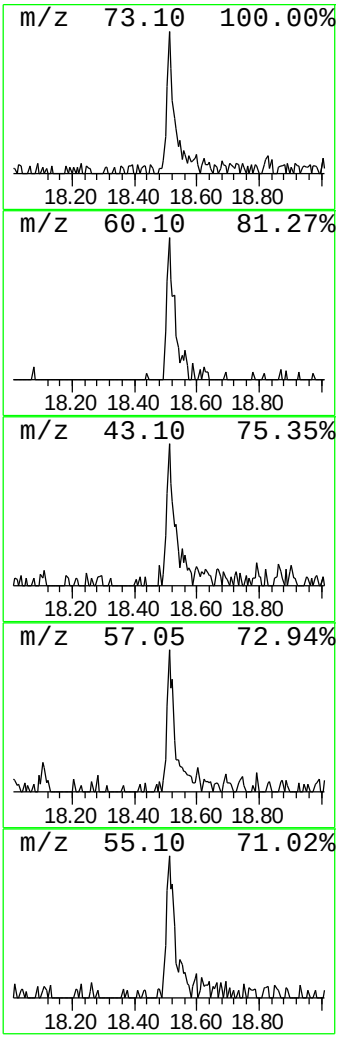
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	2.21 ng	63605	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown5.39	5.39	9.1	ng	77823	1	8.29	171627	20.0
unknown7.82	7.82	105.5	ng	905246	1	8.29	171627	20.0
n-Hexadecanoic acid	18.51	2.2	ng	63605	4	17.66	574353	20.0