LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024113.D
Acq On : 24 Sep 2016 7:33
Operator : UM/SJ
Sample : H4893-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

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-BG092316.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	5.106	382	386	393	rVB3	64203	107433	1.96%	0.472%
2	5.587	463	468	479	rBV	467421	809493	14.80%	3.557%
3	7.214	739	745	756	rBV	288768	569303	10.41%	2.501%
4	7.573	799	806	813	rBV	919797	1648211	30.14%	7.242%
5	8.037	879	885	894	rVB2	170674	313497	5.73%	1.377%
6	8.360	932	940	952	rBV	817417	1432073	26.18%	6.292%
7	9.218	1079	1086	1103	rBV	752738	1442933	26.38%	6.340%
8	10.874	1361	1368	1380	rBV	232747	459574	8.40%	2.019%
9	13.324	1777	1785	1795	rBV	1985306	3311626	60.55%	14.551%
10	14.716	2015	2022	2035	rVB	447288	726149	13.28%	3.191%
11	16.220	2270	2278	2292	rBV	2025874	3171034	57.98%	13.933%
12	17.483	2484	2493	2504	rBV2	593494	982814	17.97%	4.318%
13	18.352	2636	2641	2650	rBV4	52126	105819	1.93%	0.465%
14	19.627	2853	2858	2861	rBV4	59565	87817	1.61%	0.386%
15	20.091	2931	2937	2945	rBV	4425489	5469127	100.00%	24.031%
16	21.789	3220	3226	3234	rBV	629904	1068745	19.54%	4.696%
17	25.120	3785	3793	3805	rVB2	354806	1053360	19.26%	4.628%

Sum of corrected areas: 22759008

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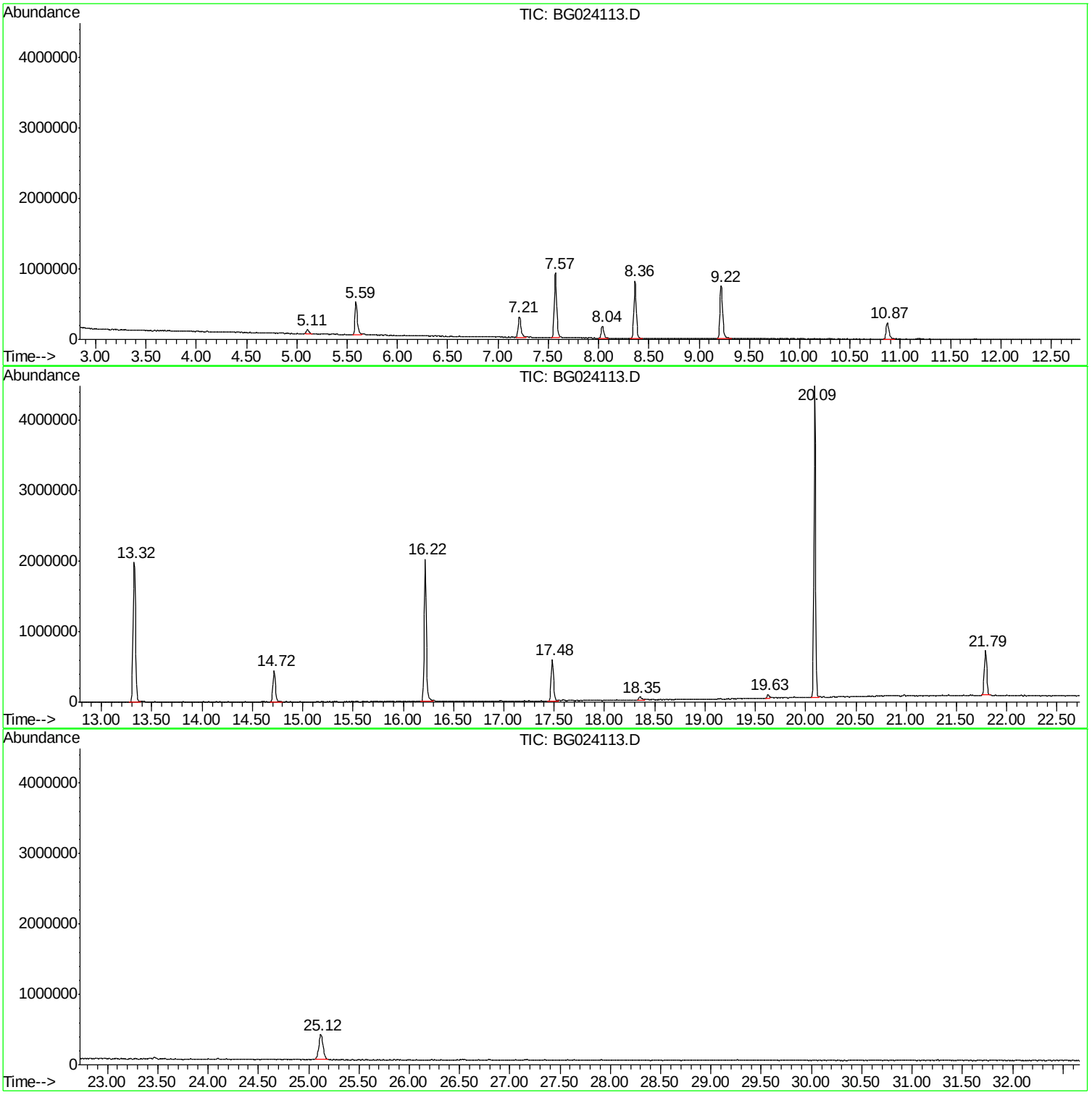
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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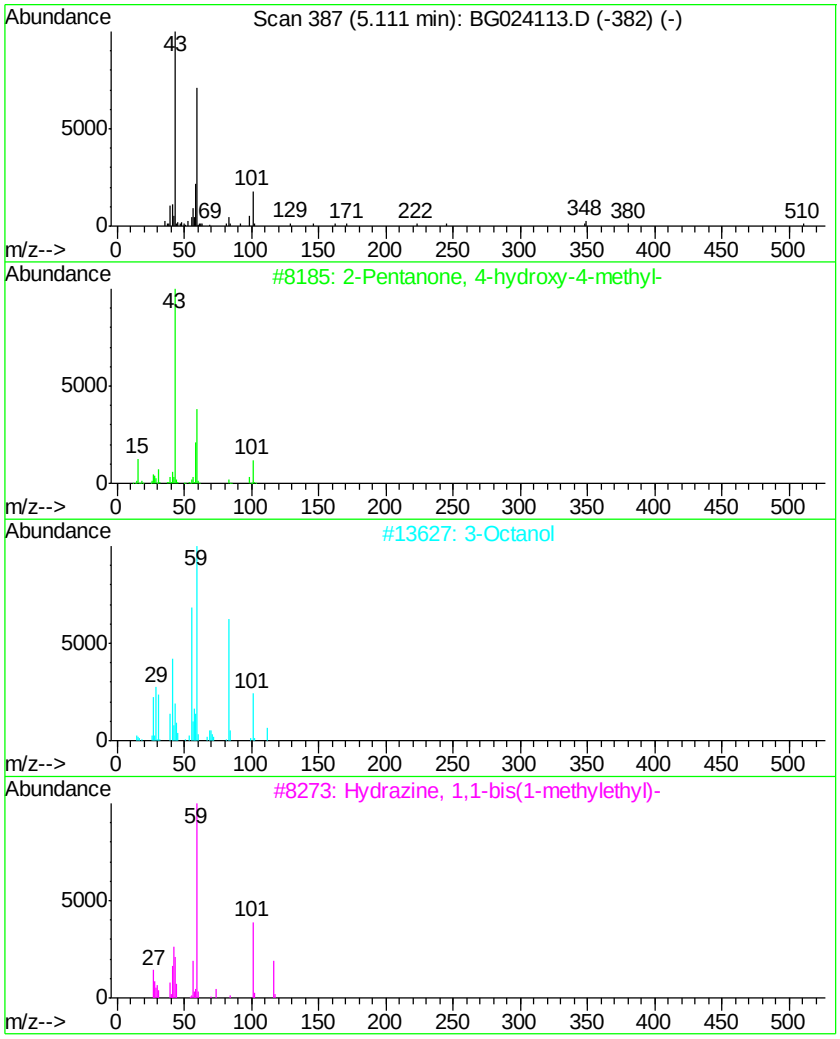
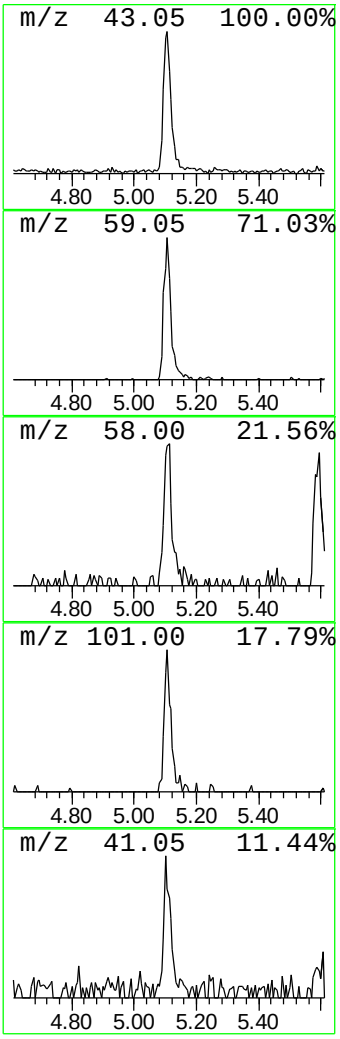
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	6.85 ng	107433	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	3-Octanol	130	C8H18O	000589-98-0	25
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	22
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12





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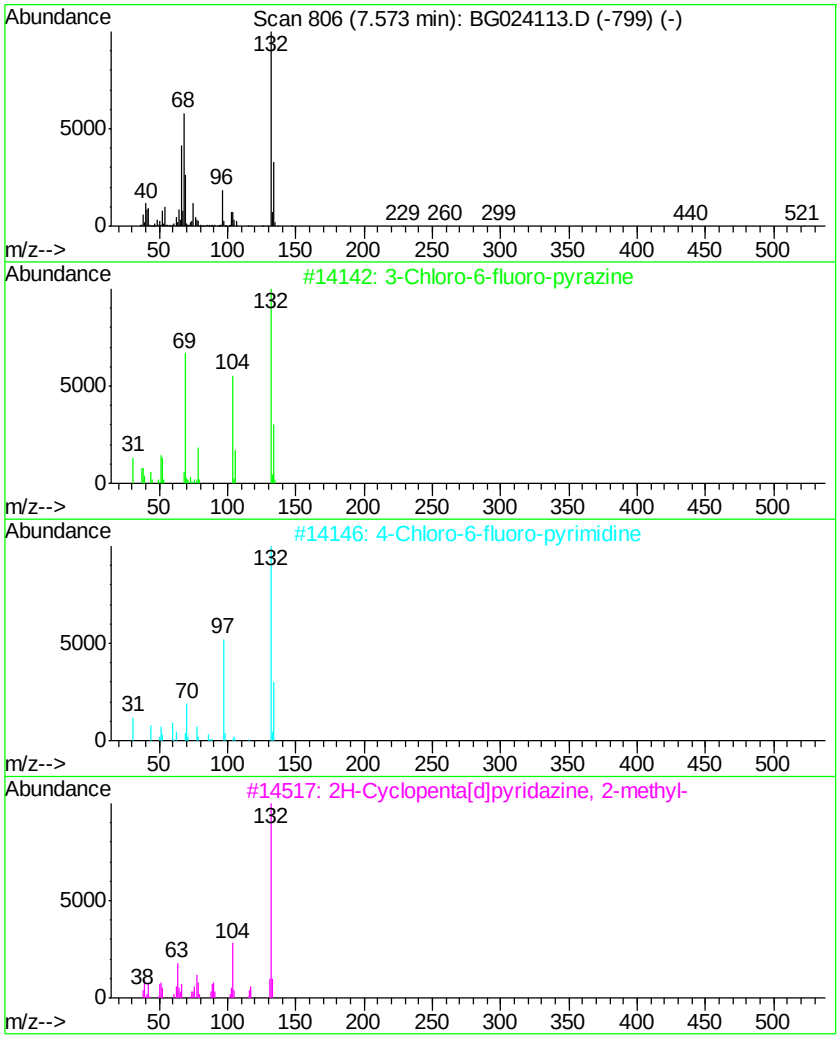
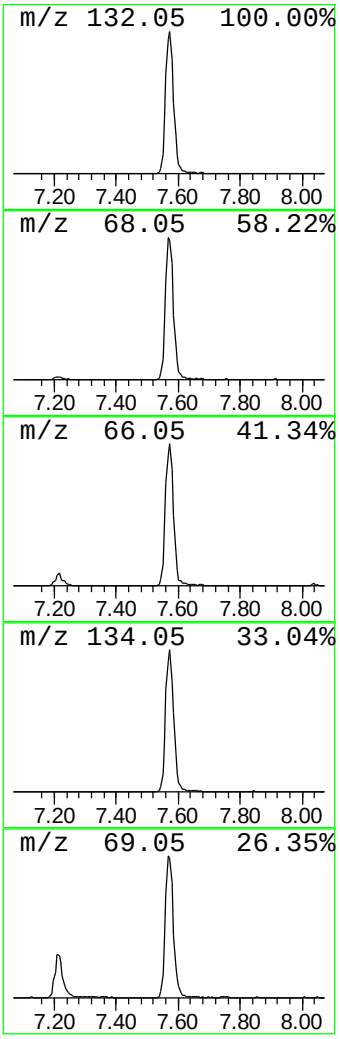
Peak Number 2 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	105.15 ng	1648210	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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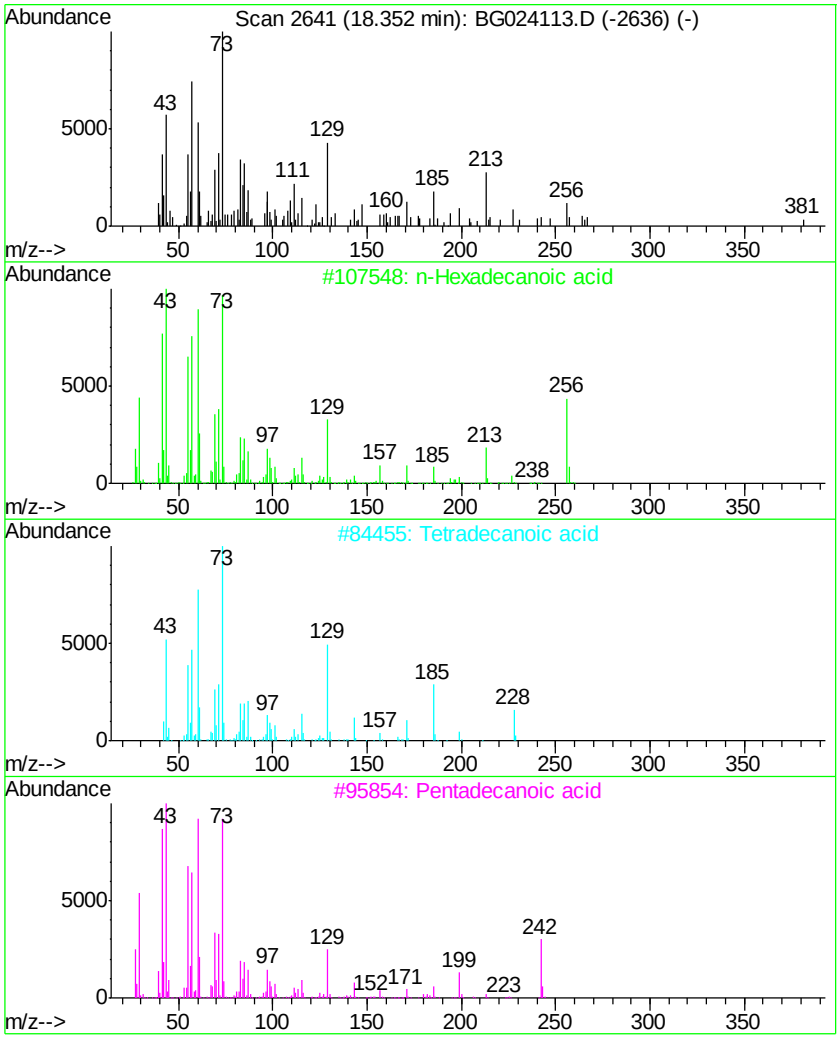
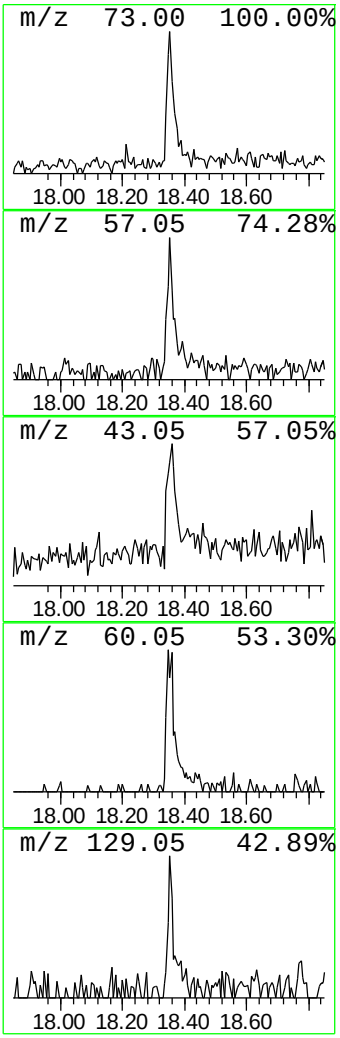
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.15 ng	105819	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	35
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	14
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	14





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
2-Pentanone, 4-hy...	5.11	6.8	ng	107433	1	8.04	313497	20.0
unknown7.57	7.57	105.2	ng	1648210	1	8.04	313497	20.0
n-Hexadecanoic acid	18.35	2.1	ng	105819	4	17.48	982814	20.0