

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012425\
 Data File : BF141259.D
 Acq On : 24 Jan 2025 13:50
 Operator : RC/JU
 Sample : Q1169-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REGULATOR-BUILDING-GRAVEL

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_F\Methods\8270-BF011025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141259.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	7	15	rVB	46620	75048	1.75%	0.292%
2	5.004	491	495	505	rVB	29083	44502	1.04%	0.173%
3	5.410	558	564	579	rBV	1926887	2614283	61.09%	10.183%
4	6.428	731	737	742	rBV	2028549	2665885	62.29%	10.384%
5	6.804	796	801	806	rBV	672099	836193	19.54%	3.257%
6	7.363	890	896	901	rBV	1352632	1746902	40.82%	6.804%
7	8.087	1013	1019	1024	rBV	855366	1110426	25.95%	4.325%
8	9.163	1196	1202	1207	rBV	2750518	3526314	82.40%	13.736%
9	9.839	1312	1317	1327	rBV	1036400	1315716	30.74%	5.125%
10	10.557	1434	1439	1446	rBV	136058	168727	3.94%	0.657%
11	10.628	1446	1451	1469	rVV	1785938	2384905	55.73%	9.290%
12	11.328	1565	1570	1576	rVB	1103212	1373430	32.09%	5.350%
13	11.863	1652	1661	1681	rBV	302531	523326	12.23%	2.038%
14	12.651	1789	1795	1807	rBV	56623	116916	2.73%	0.455%
15	12.922	1835	1841	1846	rBV	3176043	4279561	100.00%	16.670%
16	13.827	1989	1995	2011	rBV	122973	313454	7.32%	1.221%
17	13.974	2014	2020	2030	rVV	1038215	1361763	31.82%	5.304%
18	14.627	2127	2131	2137	rVB	38233	54171	1.27%	0.211%
19	15.451	2265	2271	2285	rBV	739812	1161302	27.14%	4.523%

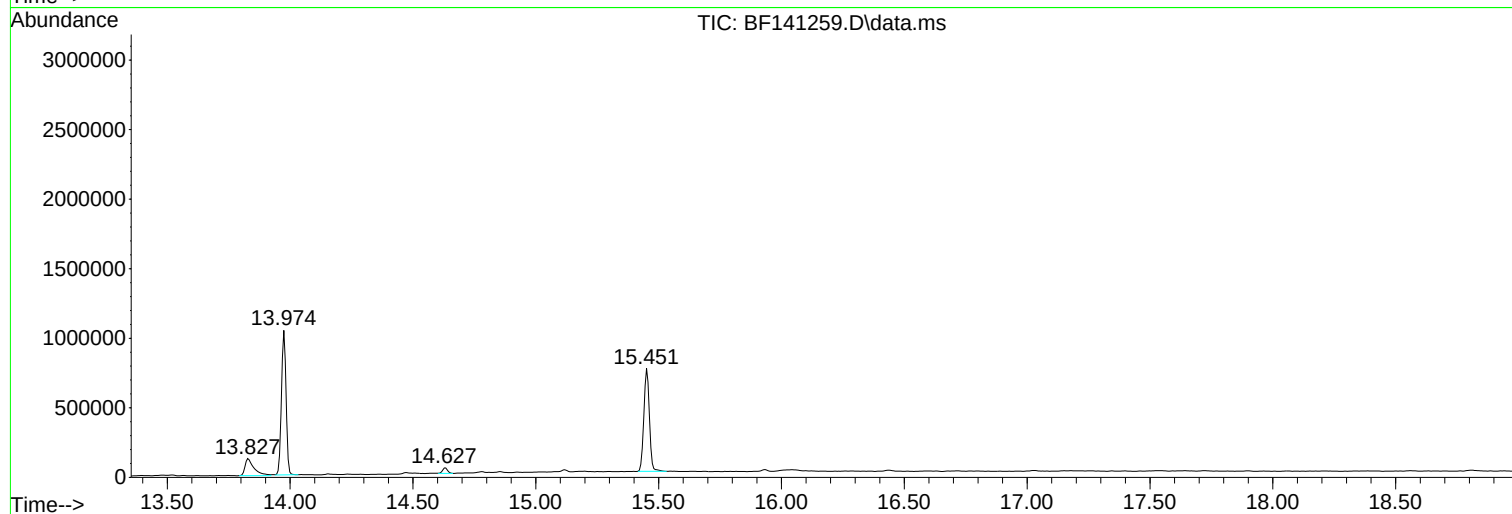
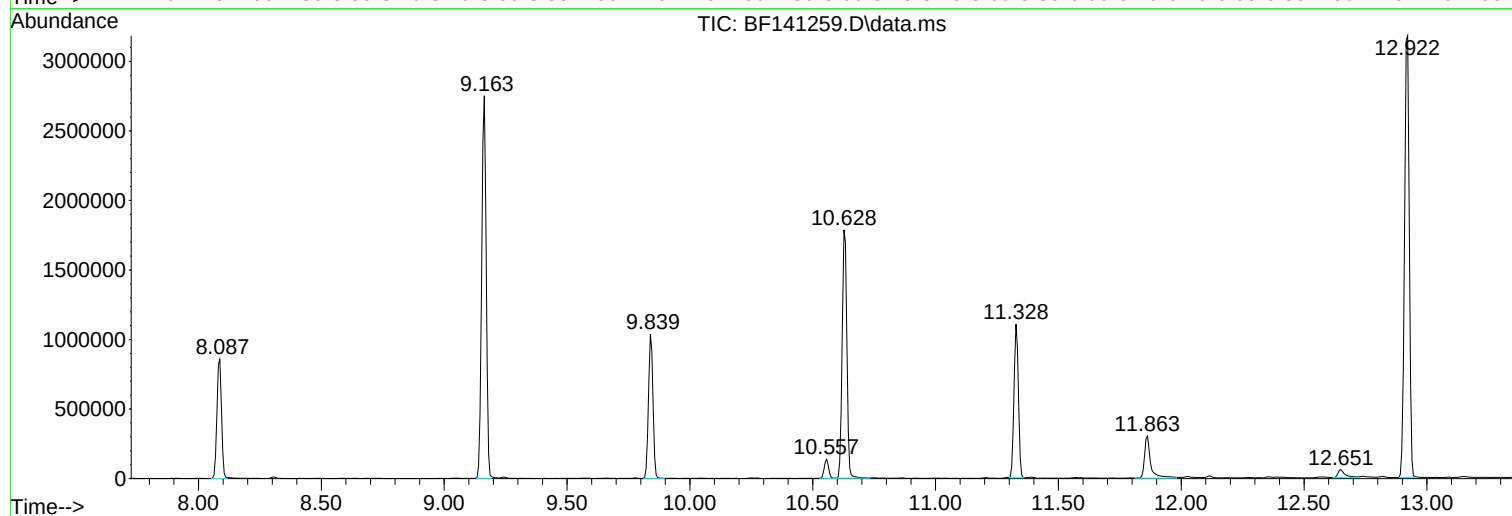
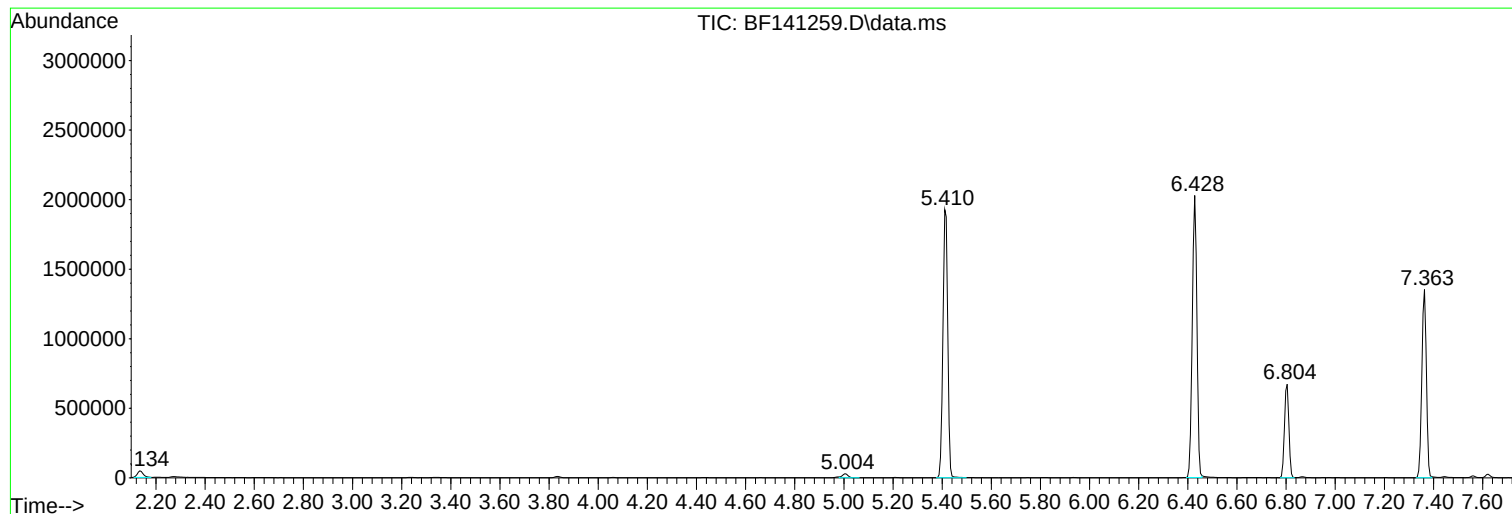
Sum of corrected areas: 25672824

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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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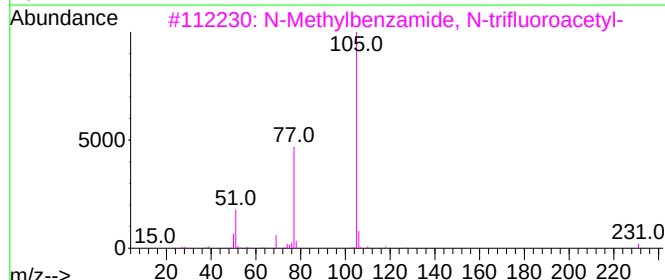
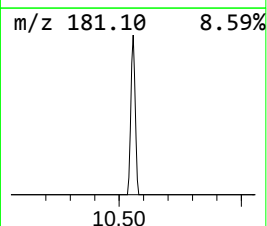
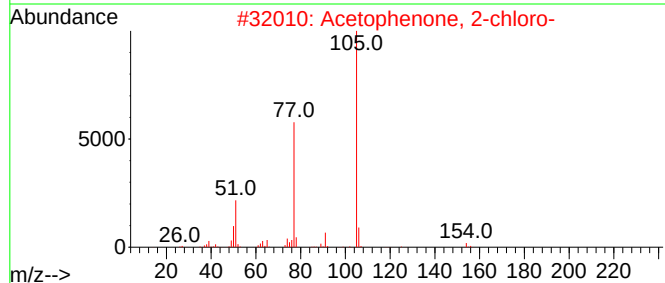
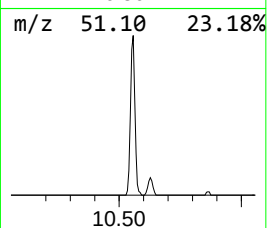
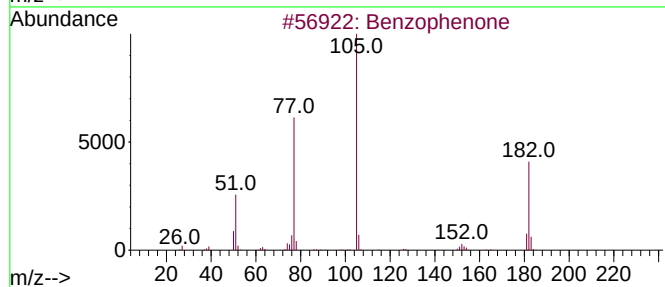
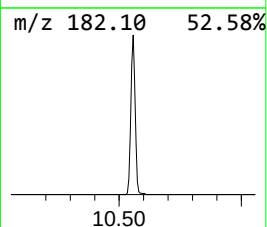
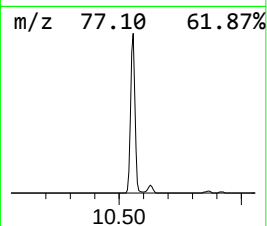
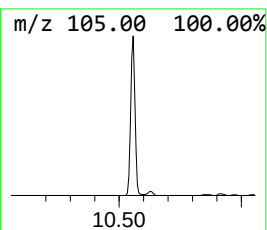
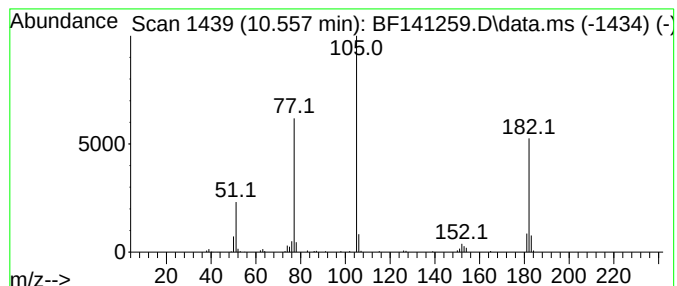
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	2.56 ng	168727	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
4			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5			Benzilamide	227	C14H13NO2	004746-87-6	47



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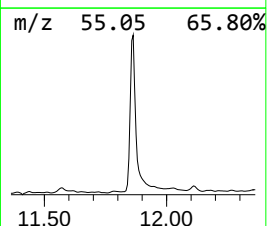
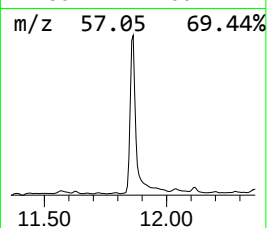
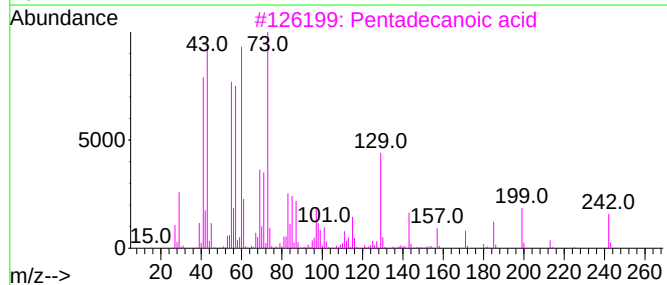
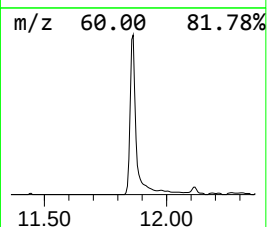
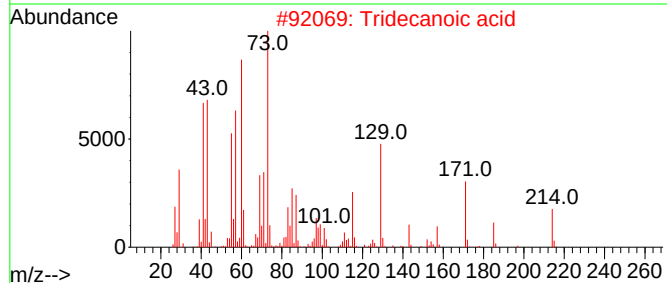
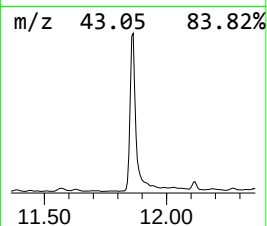
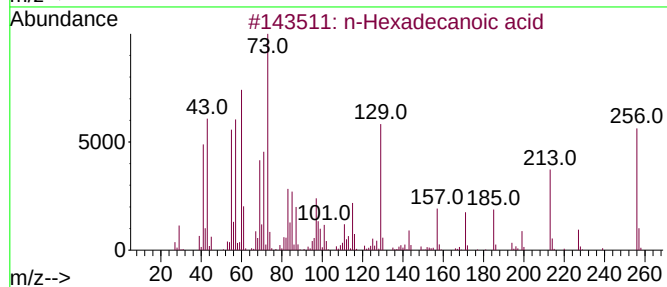
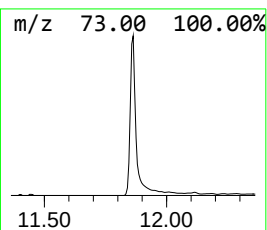
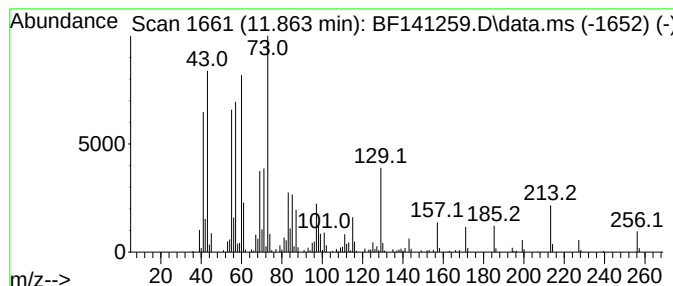
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	7.62 ng	523326	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5			n-Decanoic acid	172	C10H20O2	000334-48-5	68



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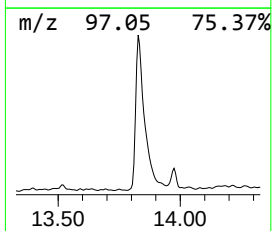
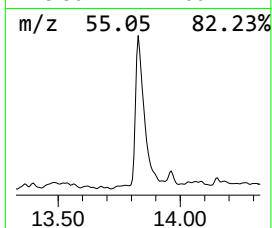
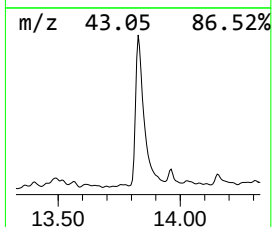
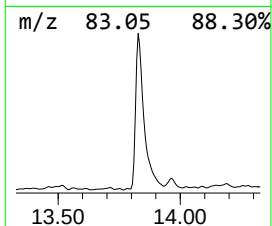
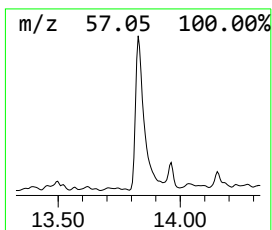
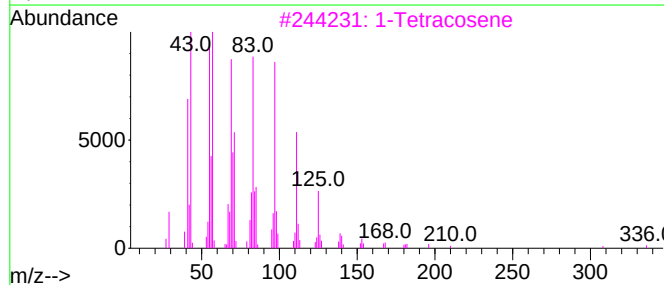
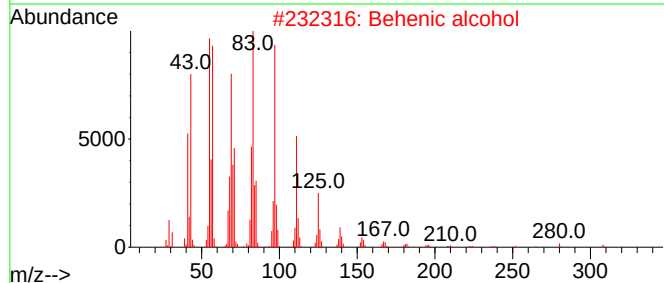
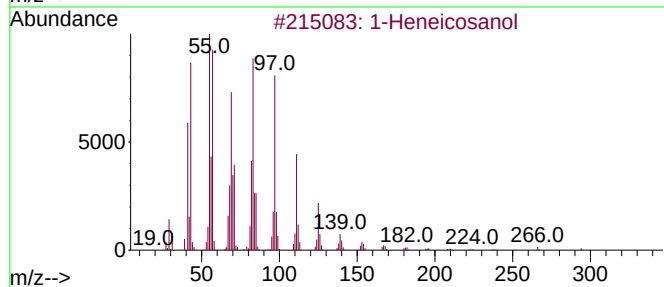
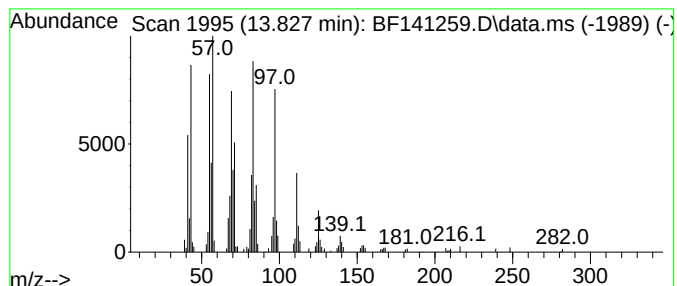
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Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.827	4.60 ng	313454	Chrysene-d12	13.975	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Tetracosene	336	C24H48	010192-32-2	95
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Cyclopentadecane	210	C15H30	000295-48-7	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.557	2.6	ng	168727	3	9.839	1315720	20.0
n-Hexadecanoic ...	11.863	7.6	ng	523326	4	11.328	1373430	20.0
1-Heneicosanol	13.827	4.6	ng	313454	5	13.975	1361760	20.0