

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141493.D
 Acq On : 06 Feb 2025 21:03
 Operator : RC/JU
 Sample : Q1309-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8

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-BF020625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141493.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.998	489	494	504	rVB	21301	35066	1.48%	0.212%
2	5.410	558	564	586	rBV	1356027	1847023	78.03%	11.188%
3	6.422	731	736	755	rBV	1435122	1961729	82.87%	11.883%
4	6.787	793	798	806	rBV	495978	610648	25.80%	3.699%
5	7.351	887	894	904	rBV	907522	1272607	53.76%	7.709%
6	7.610	933	938	949	rBV	33333	50506	2.13%	0.306%
7	8.069	1010	1016	1034	rBV	625431	811209	34.27%	4.914%
8	9.145	1193	1199	1209	rBV	1817404	2338588	98.79%	14.166%
9	9.822	1309	1314	1327	rVB	732717	939412	39.69%	5.690%
10	10.539	1431	1436	1443	rBV	182932	228001	9.63%	1.381%
11	10.616	1443	1449	1466	rVV	1121464	1530963	64.68%	9.274%
12	11.310	1562	1567	1574	rBV	737990	932633	39.40%	5.649%
13	11.845	1653	1658	1671	rBV	131887	216104	9.13%	1.309%
14	12.898	1831	1837	1843	rBV	1808382	2367153	100.00%	14.339%
15	13.833	1986	1996	2011	rBV5	38157	187234	7.91%	1.134%
16	13.951	2011	2016	2027	rVB	505863	668635	28.25%	4.050%
17	15.404	2257	2263	2275	rBV	325920	510990	21.59%	3.095%

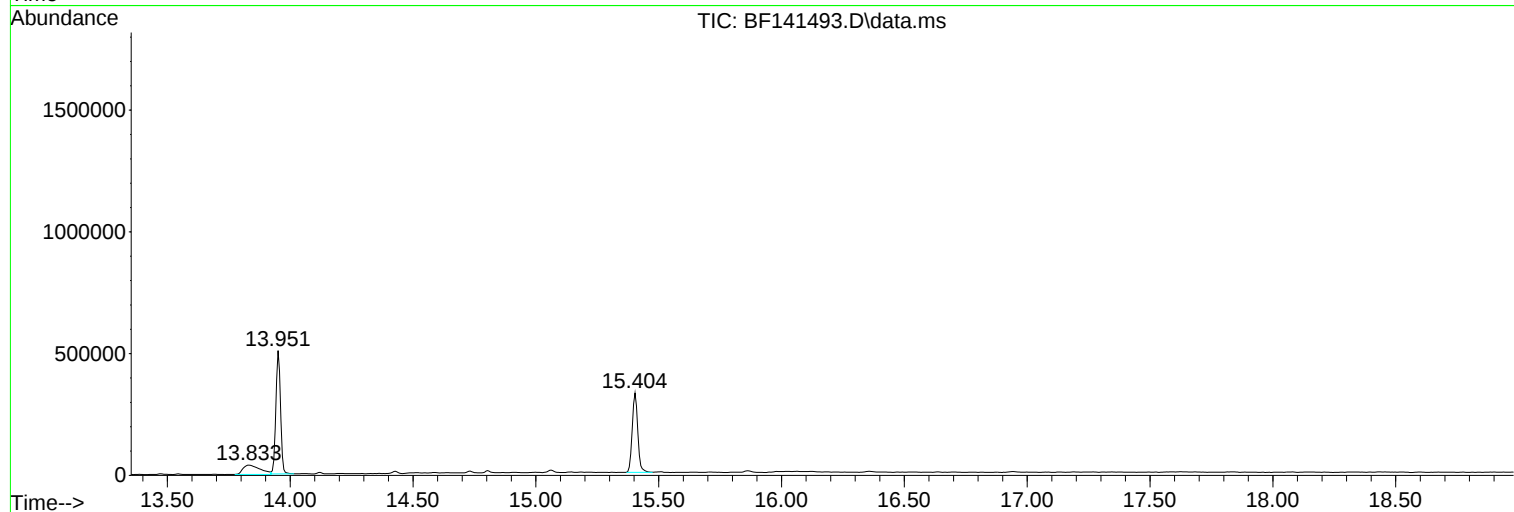
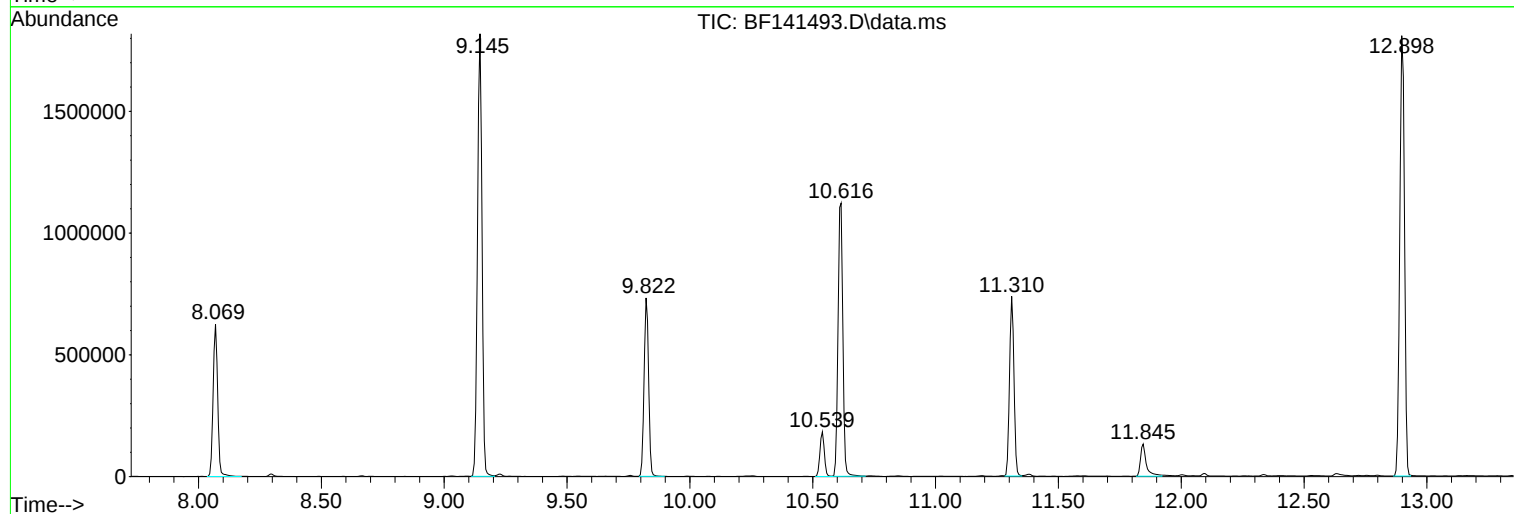
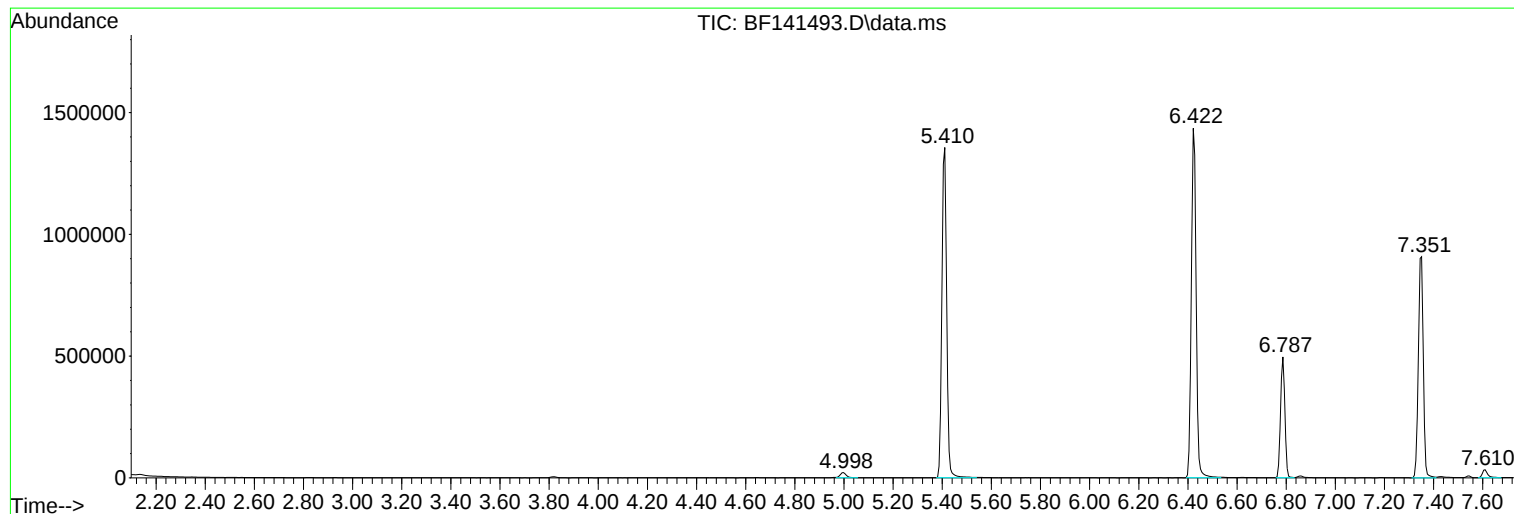
Sum of corrected areas: 16508501

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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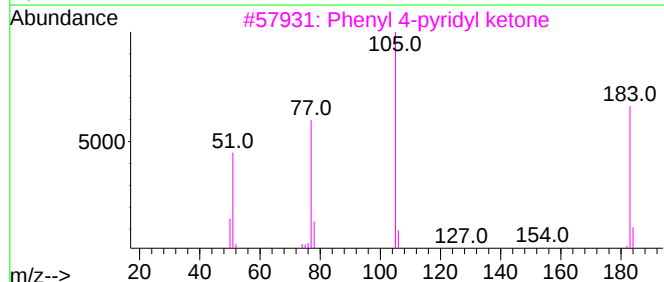
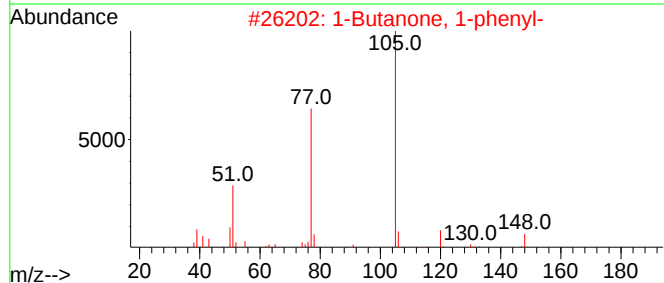
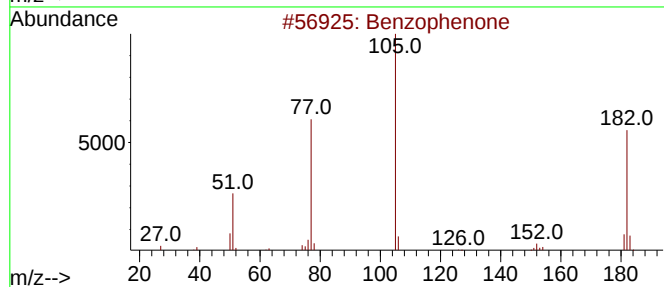
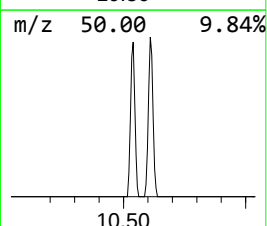
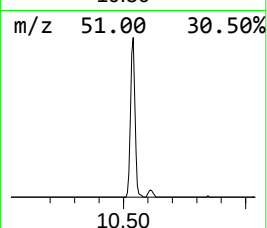
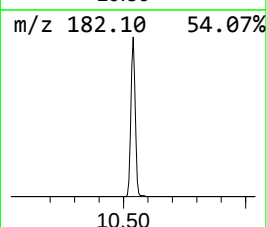
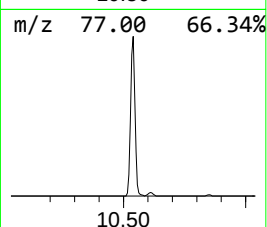
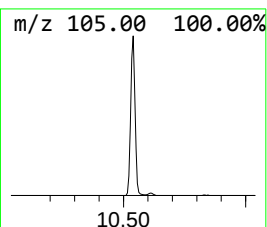
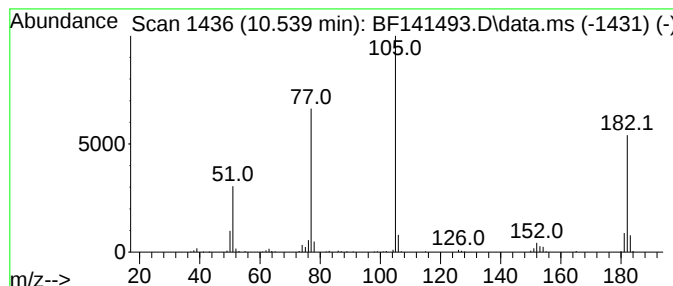
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	4.85 ng	228001	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	50
3			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
4			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	50
5			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	50



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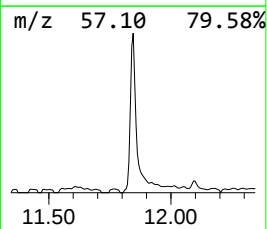
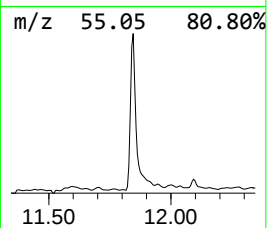
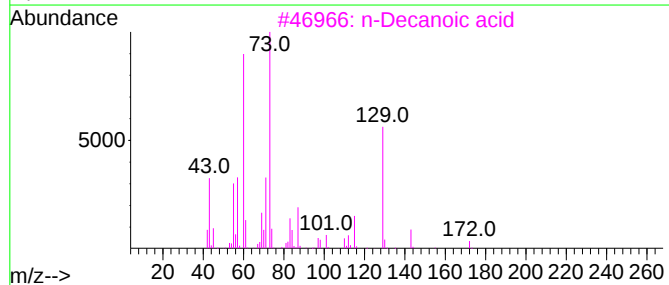
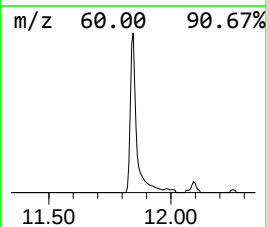
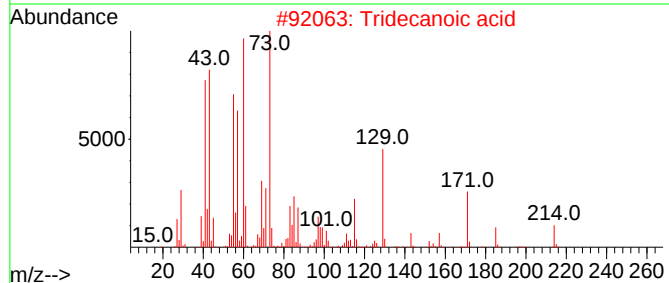
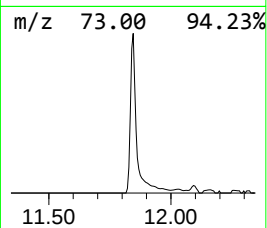
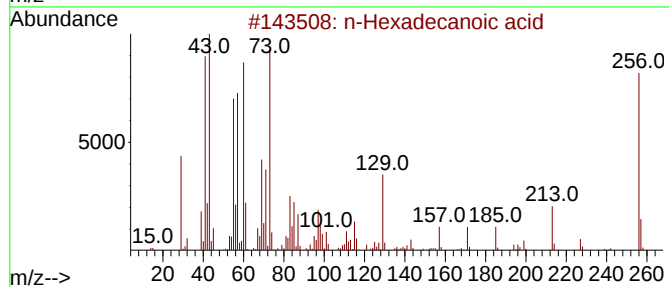
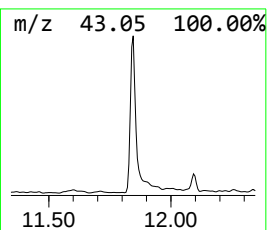
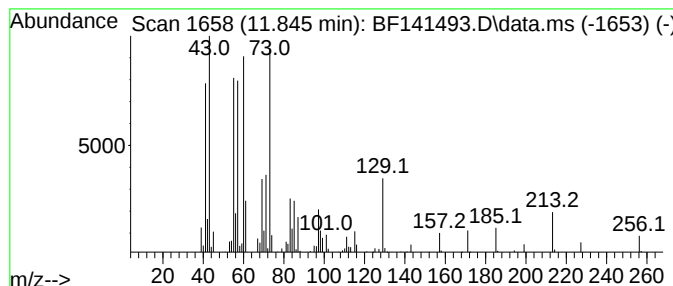
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	4.63 ng	216104	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	89
3			n-Decanoic acid	172	C10H20O2	000334-48-5	87
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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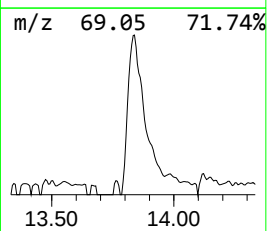
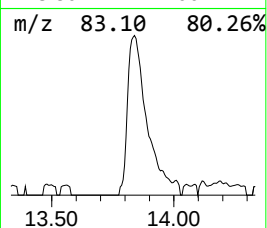
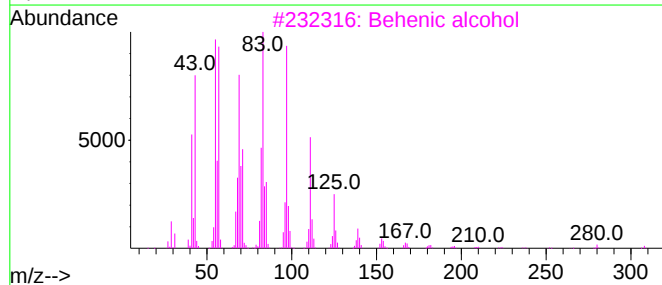
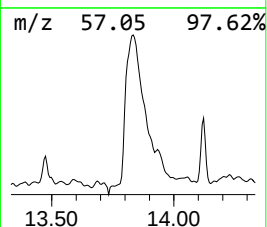
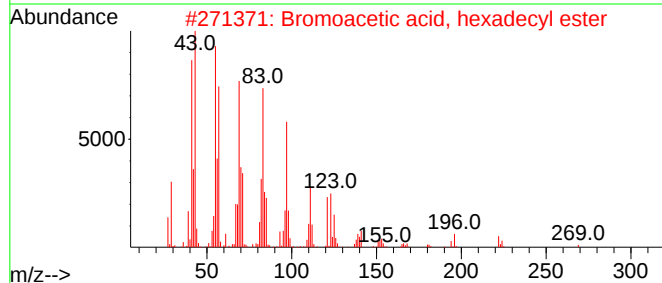
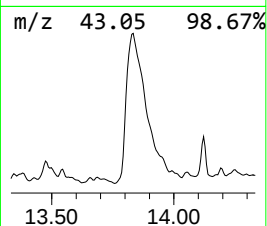
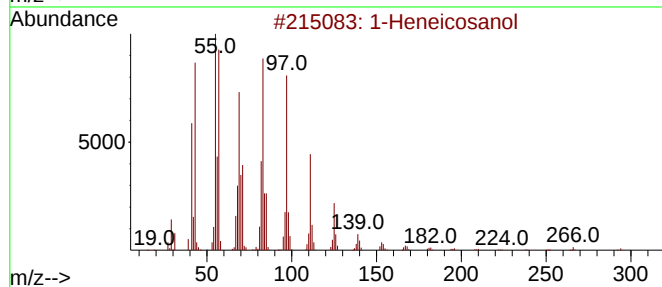
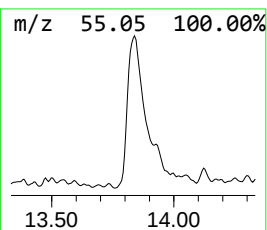
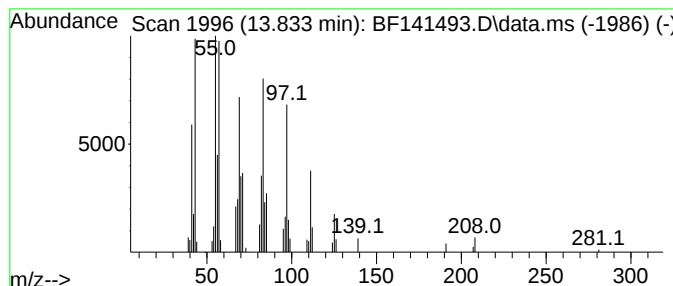
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Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	5.60 ng	187234	Chrysene-d12	13.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
3			Behenic alcohol	326	C22H46O	000661-19-8	93
4			1-Octadecanol	270	C18H38O	000112-92-5	91
5			n-Nonadecanol-1	284	C19H40O	001454-84-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.539	4.8	ng	228001	3	9.822	939412	20.0
n-Hexadecanoic ...	11.845	4.6	ng	216104	4	11.310	932633	20.0
1-Heneicosanol	13.833	5.6	ng	187234	5	13.951	668635	20.0