

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024545.D
Acq On : 06 May 2025 13:44
Operator : RC/JU
Sample : Q1936-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SMALL-PILE-A

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BP041425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024545.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	298	304	314	rBV	161858	227589	3.55%	0.728%
2	5.328	375	381	401	rBV	1700788	2604172	40.61%	8.331%
3	6.899	635	648	667	rBV	1487264	2643793	41.22%	8.458%
4	7.705	778	785	793	rBV	537195	831424	12.96%	2.660%
5	8.852	972	980	1000	rBV	1003113	1698683	26.49%	5.434%
6	10.475	1248	1256	1269	rBV	663907	1118826	17.45%	3.579%
7	12.951	1669	1677	1696	rBV	2461021	3689877	57.54%	11.805%
8	14.340	1906	1913	1929	rBV	886783	1420317	22.15%	4.544%
9	15.722	2140	2148	2162	rBV	333963	522762	8.15%	1.672%
10	15.857	2165	2171	2191	rVV	2273360	3299351	51.45%	10.555%
11	17.134	2381	2388	2400	rBV2	1070203	1685971	26.29%	5.394%
12	18.069	2542	2547	2557	rBV	224378	409578	6.39%	1.310%
13	19.404	2770	2774	2785	rBV4	60479	125750	1.96%	0.402%
14	19.863	2846	2852	2860	rBV	5119924	6413263	100.00%	20.517%
15	21.575	3138	3143	3154	rBV	1336758	2115379	32.98%	6.768%
16	24.898	3700	3708	3724	rVB	958154	2451020	38.22%	7.841%

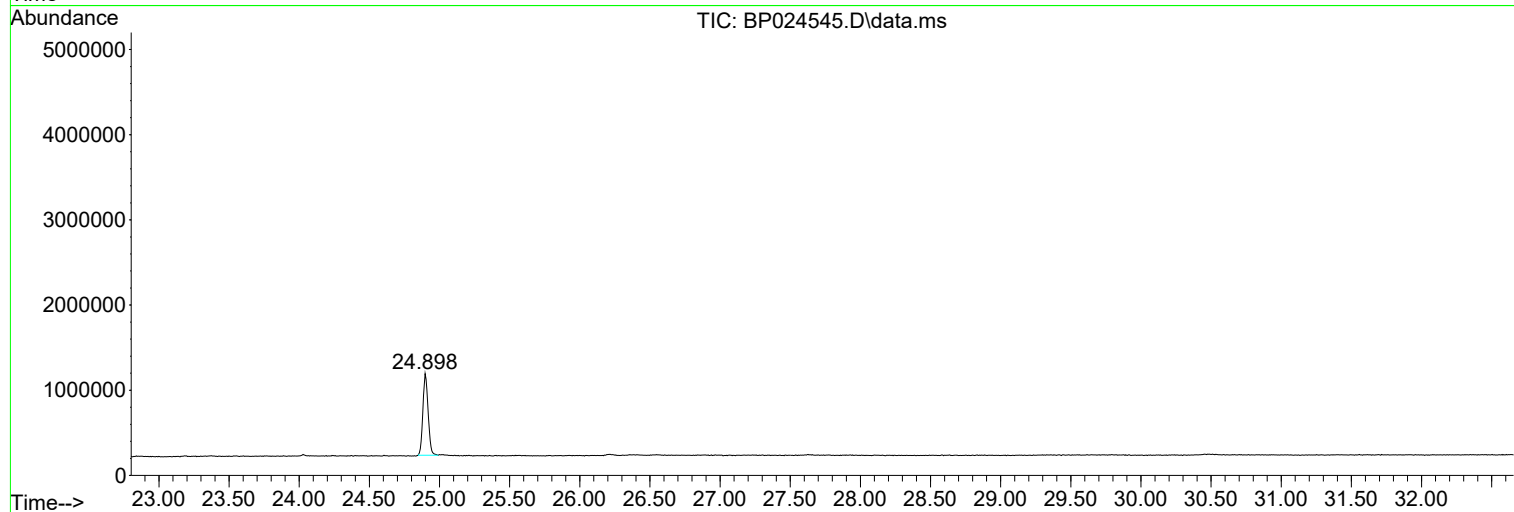
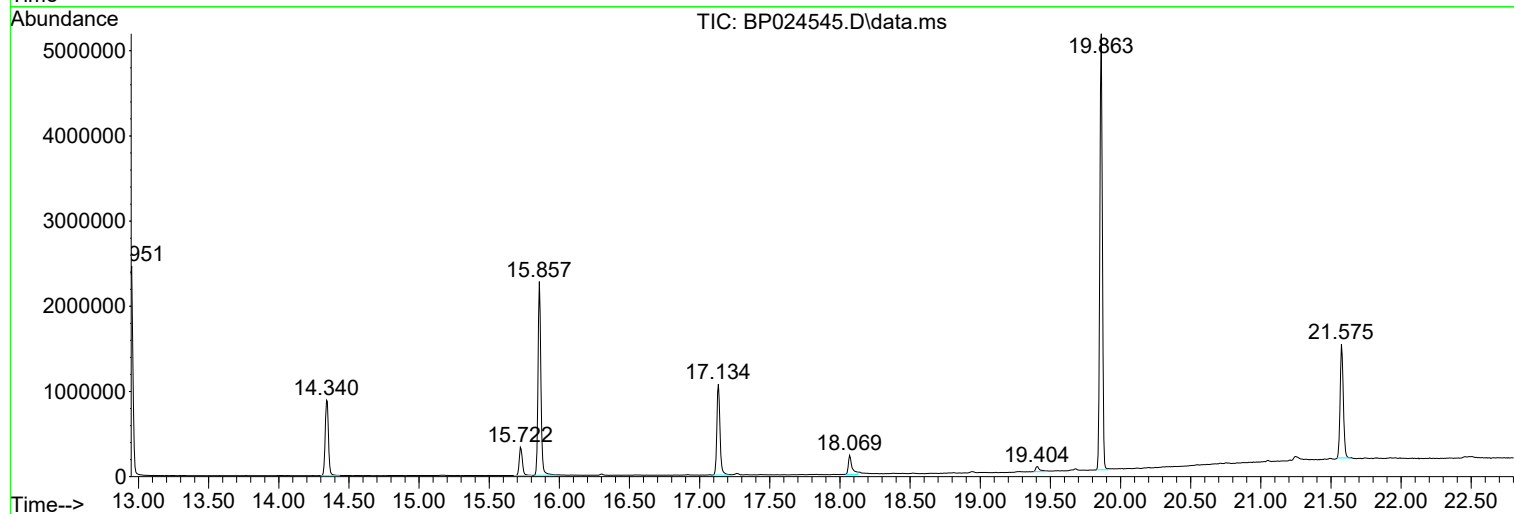
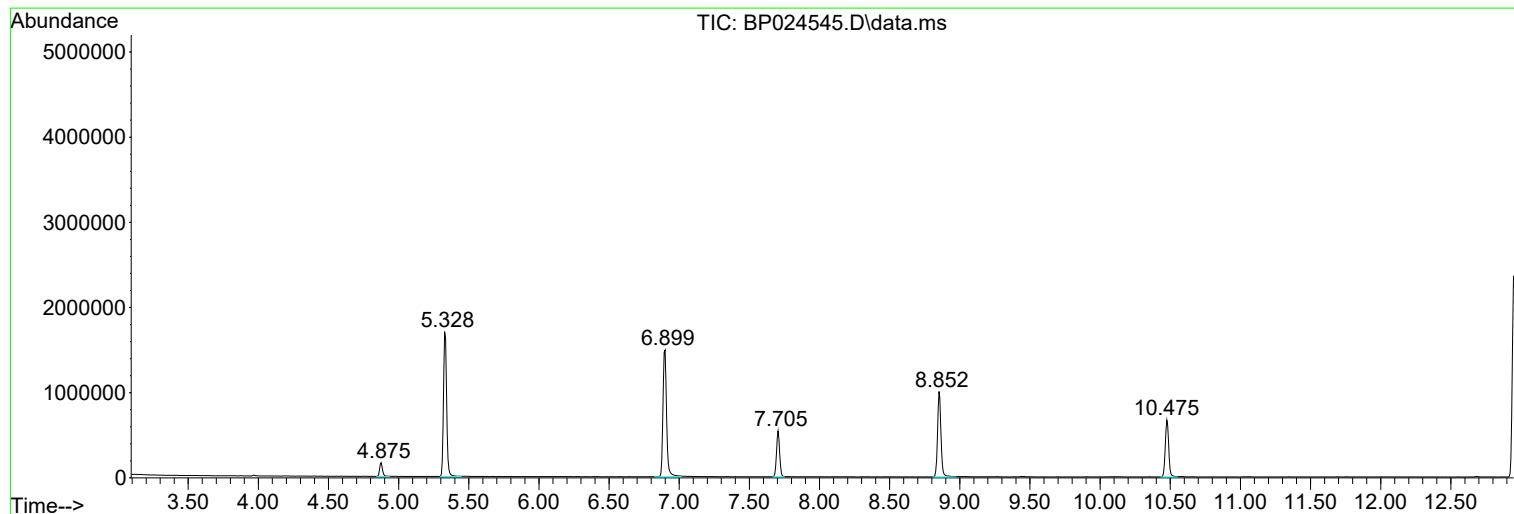
Sum of corrected areas: 31257755

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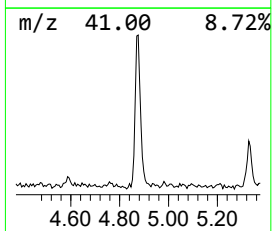
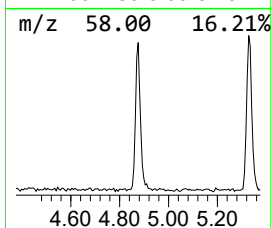
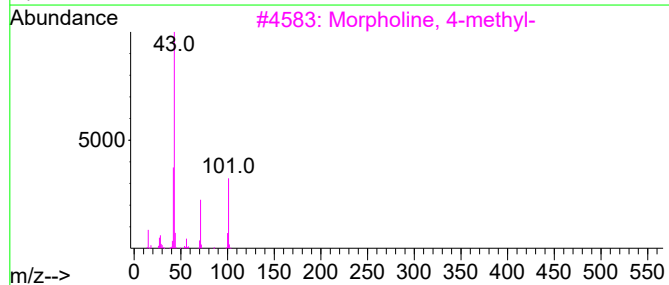
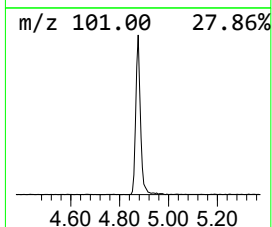
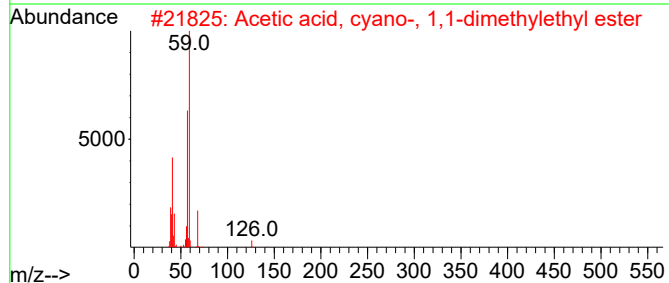
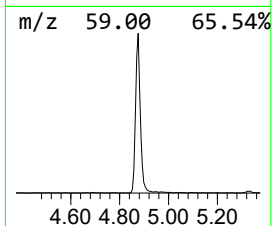
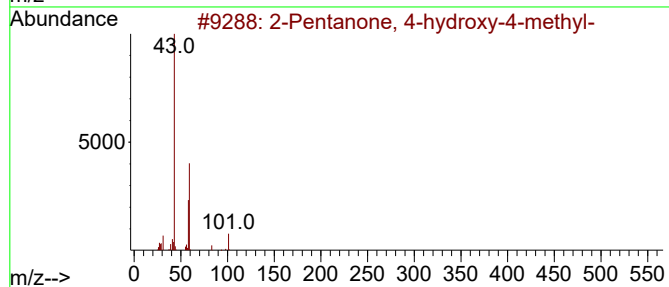
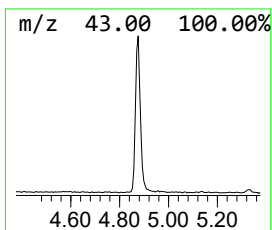
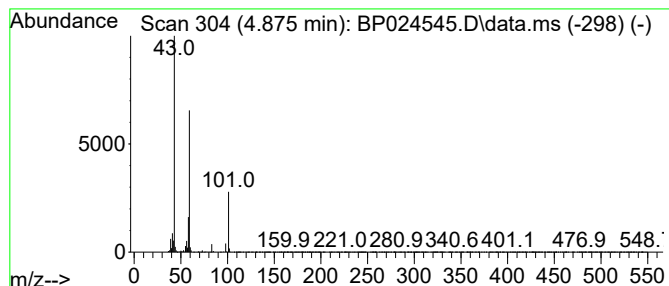
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.875	5.47 ng	227589	1,4-Dichlorobenzene-d4	7.705	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9



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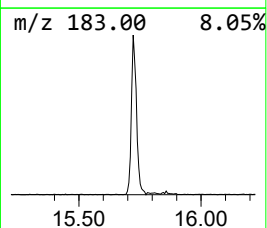
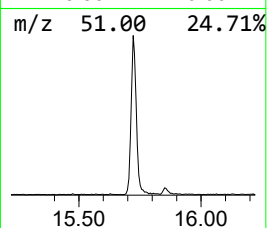
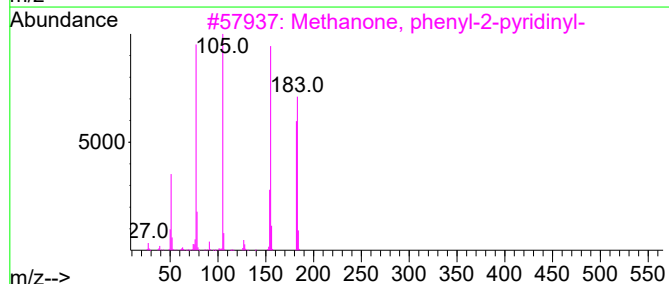
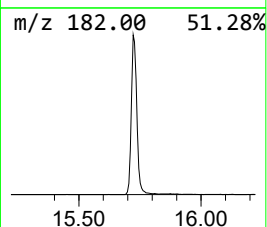
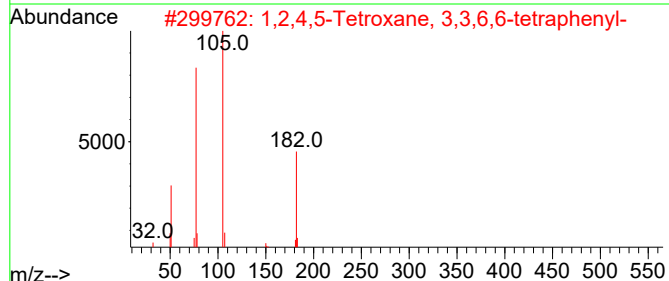
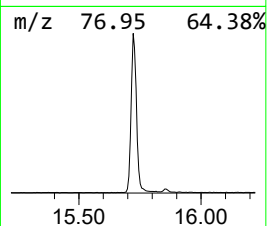
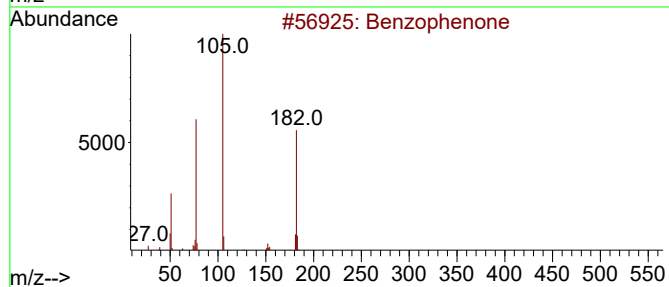
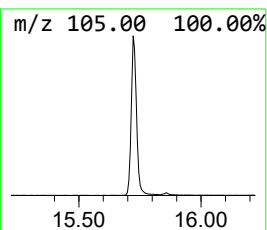
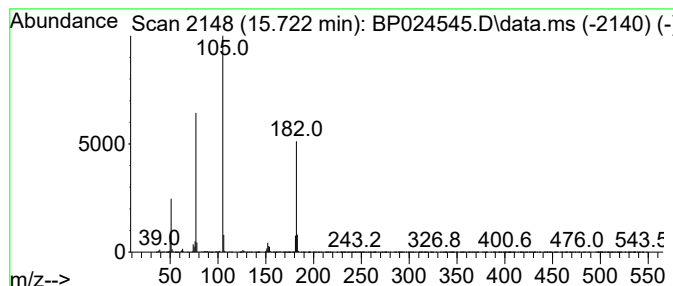
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Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	7.36 ng	522762	Acenaphthene-d10	14.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
5			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45



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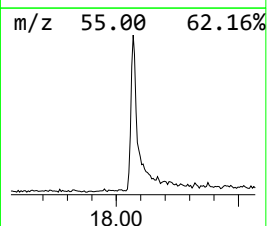
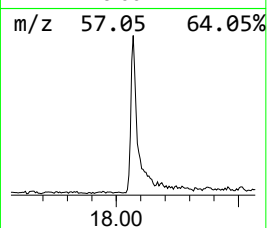
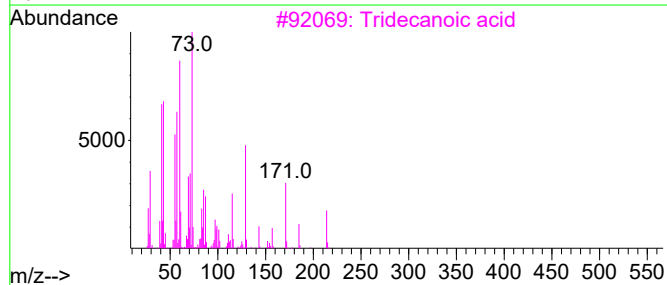
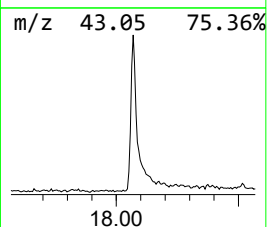
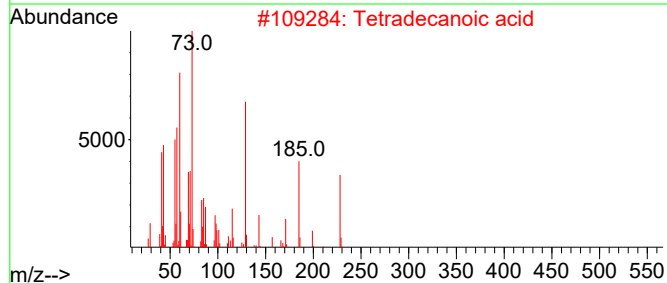
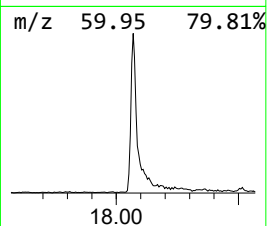
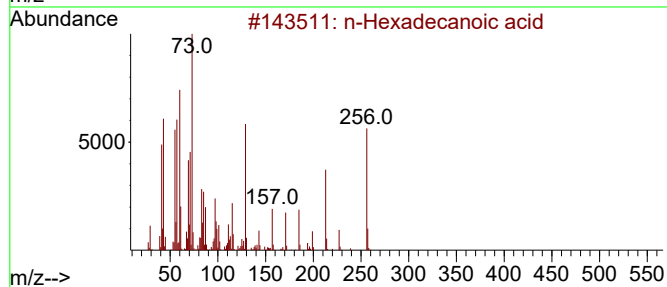
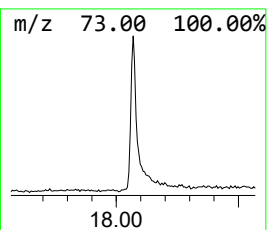
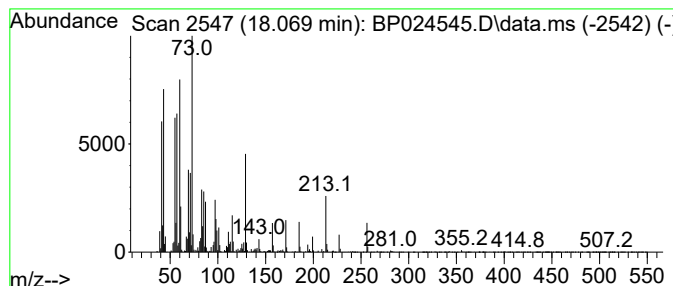
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	4.86 ng	409578	Phenanthrene-d10	17.134

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	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	87
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			Octadecanoic acid	284	C18H36O2	000057-11-4	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.875	5.5	ng	227589	1	7.705	831424	20.0
Benzophenone	15.722	7.4	ng	522762	3	14.340	1420320	20.0
n-Hexadecanoic ...	18.069	4.9	ng	409578	4	17.134	1685970	20.0