

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024537.D
 Acq On : 05 May 2025 22:52
 Operator : RC/JU
 Sample : Q1946-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BB-CONCRETE

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_P\Methods\8270E-BP041425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024537.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	299	304	314	rBV	149160	208121	3.01%	0.707%
2	5.334	375	382	397	rBV	1428282	2160347	31.22%	7.334%
3	6.893	637	647	666	rBV	1262376	2230592	32.24%	7.573%
4	7.705	778	785	795	rBV	434304	713768	10.32%	2.423%
5	8.858	972	981	1003	rBV	816383	1478493	21.37%	5.020%
6	10.475	1248	1256	1275	rBV	535766	976650	14.11%	3.316%
7	12.946	1667	1676	1693	rBV	2375498	3624522	52.38%	12.305%
8	14.346	1907	1914	1927	rBV	829799	1305167	18.86%	4.431%
9	15.722	2143	2148	2155	rBV	157467	240541	3.48%	0.817%
10	15.851	2163	2170	2192	rBV	1914291	3185477	46.04%	10.815%
11	17.145	2383	2390	2405	rBV2	1062197	1666365	24.08%	5.657%
12	18.081	2544	2549	2558	rBV	94298	177646	2.57%	0.603%
13	19.857	2846	2851	2862	rBV	5667281	6919235	100.00%	23.491%
14	21.580	3138	3144	3160	rBV	1363812	2216515	32.03%	7.525%
15	24.898	3700	3708	3726	rBV2	801730	2351154	33.98%	7.982%

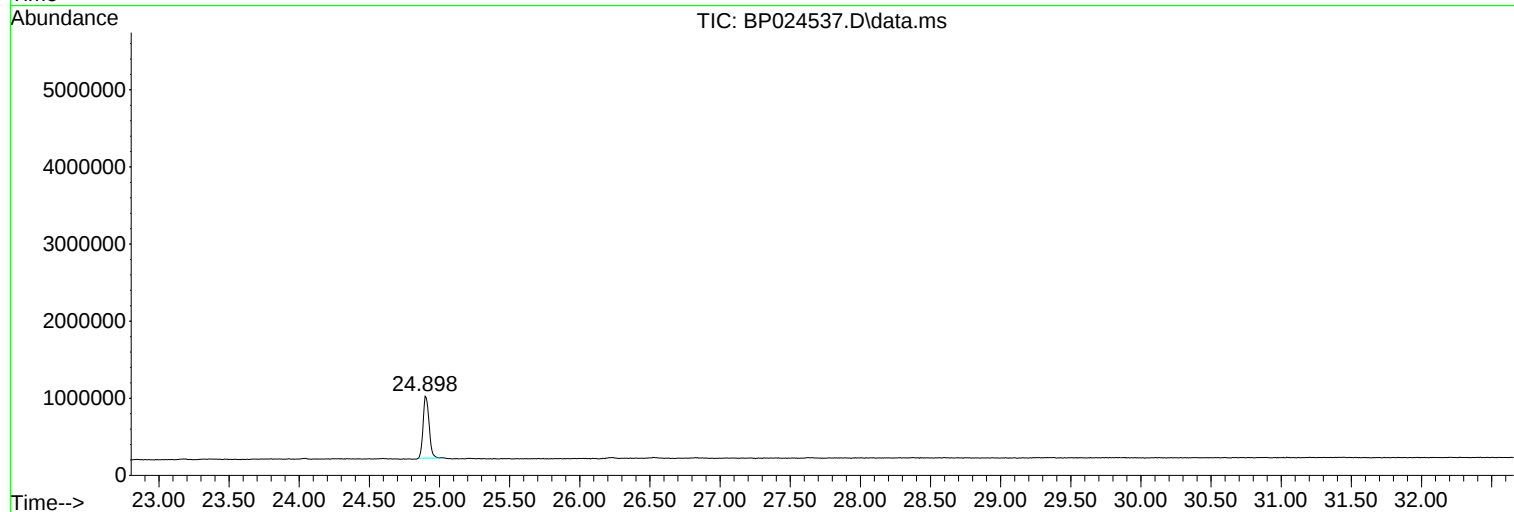
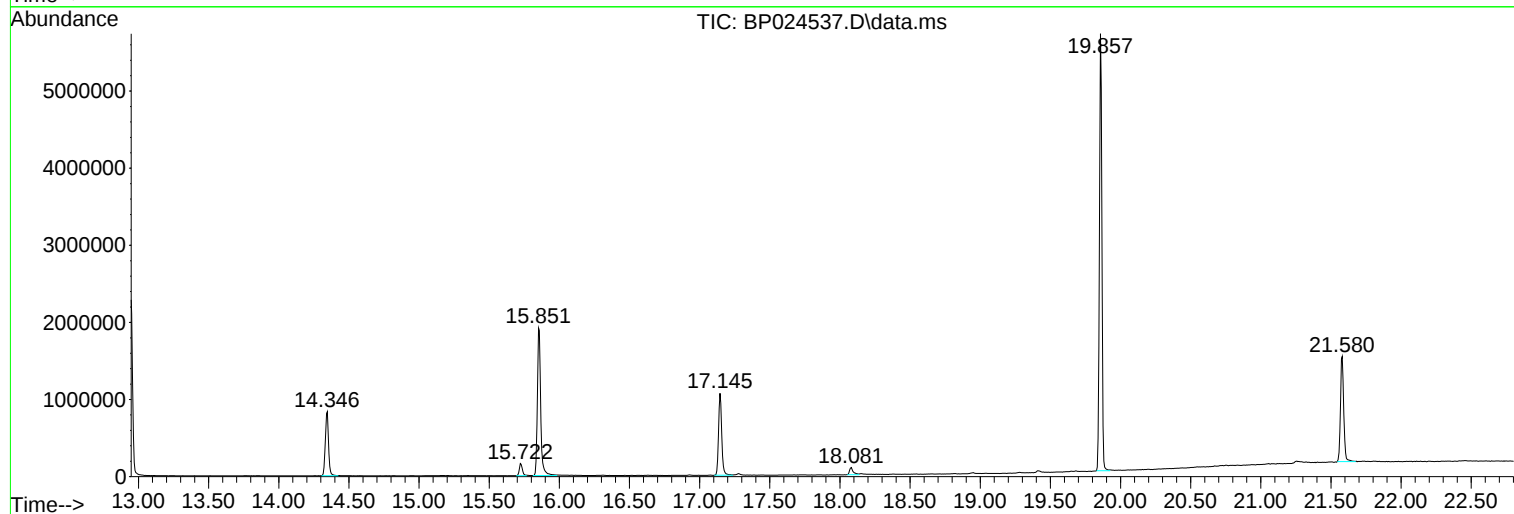
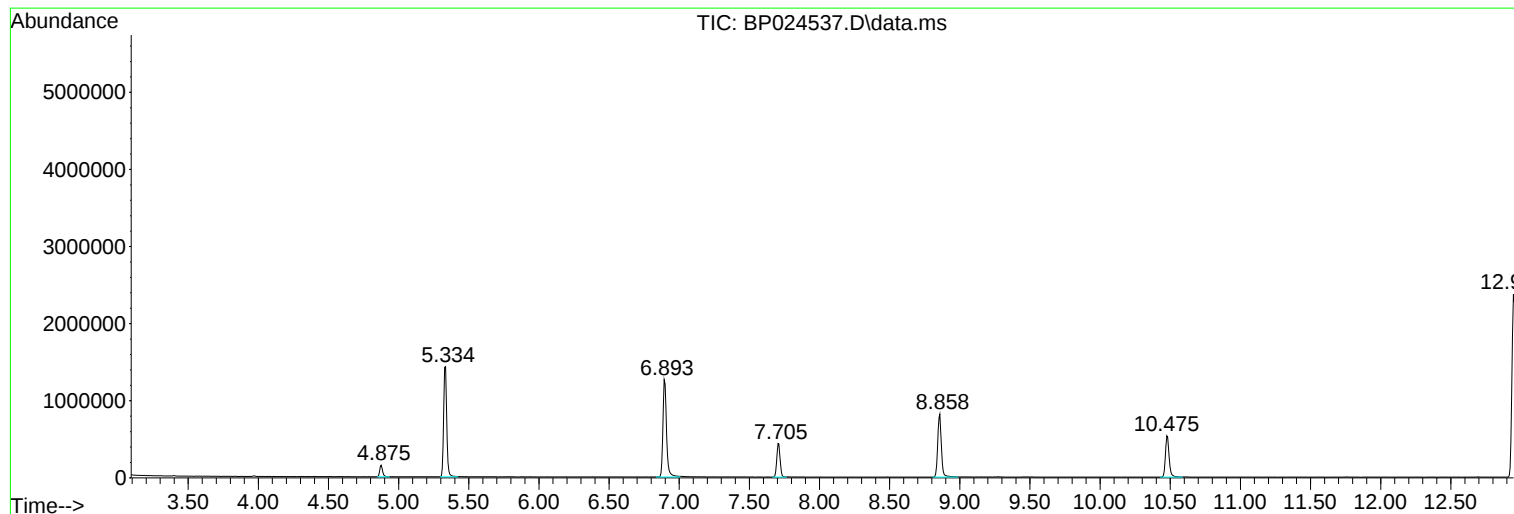
Sum of corrected areas: 29454593

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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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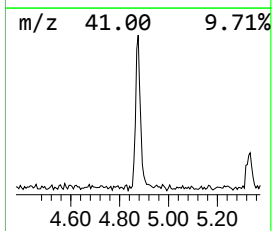
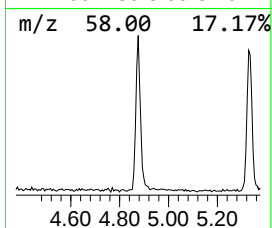
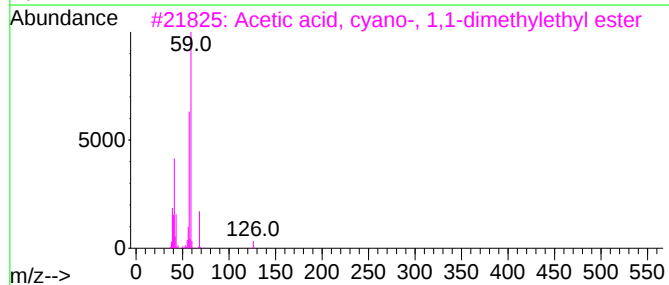
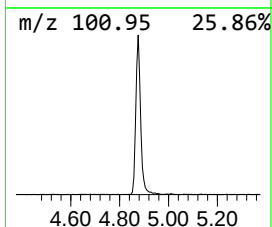
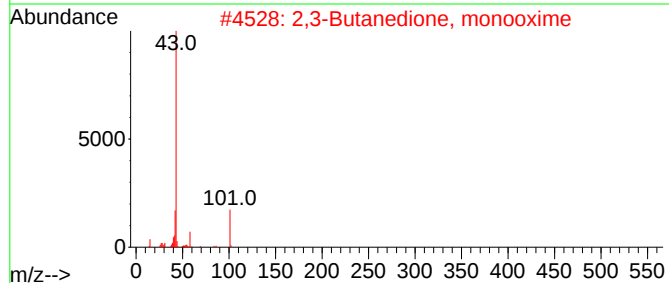
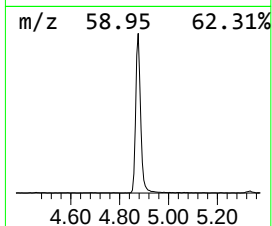
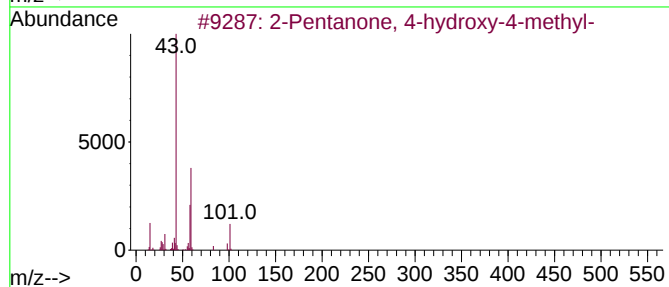
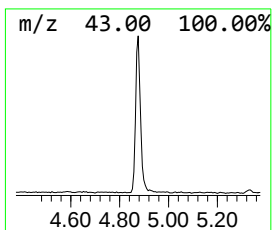
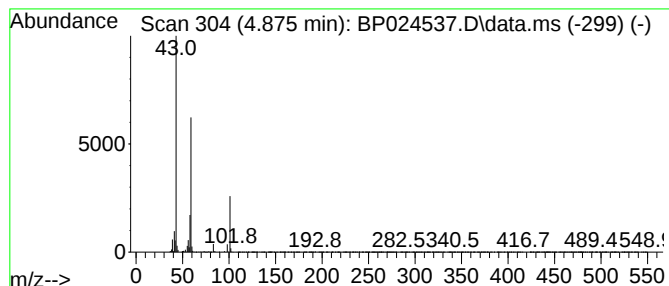
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	5.83 ng	208121	1,4-Dichlorobenzene-d4	7.711

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12		
4	Acetone	58	C3H6O	000067-64-1	9		
5	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9		



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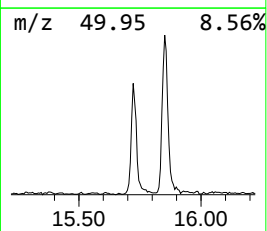
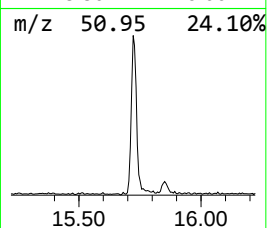
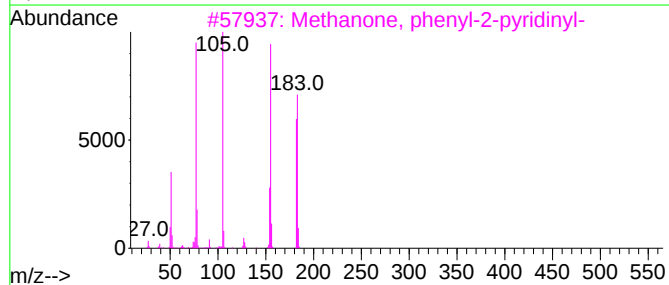
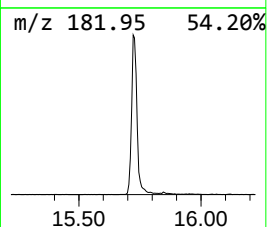
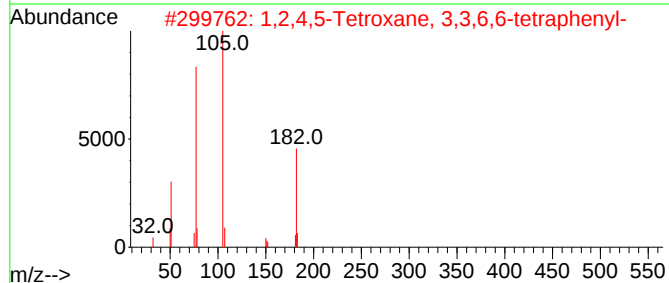
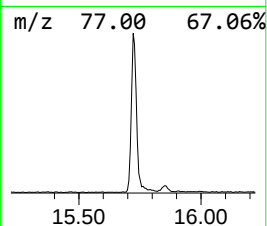
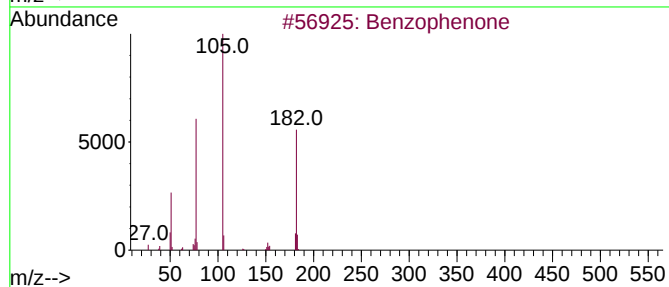
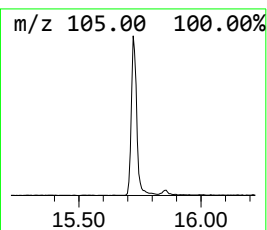
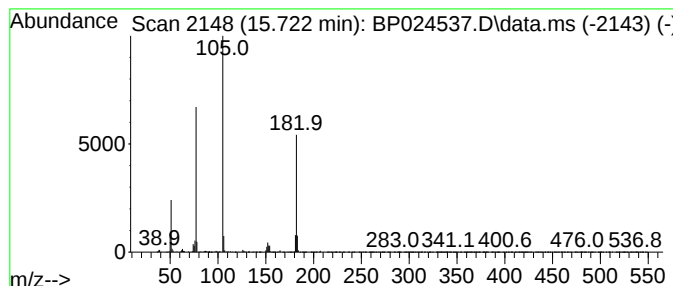
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Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	3.69 ng	240541	Acenaphthene-d10	14.346

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			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5			Azobenzene, (E)-	182	C12H10N2	017082-12-1	42



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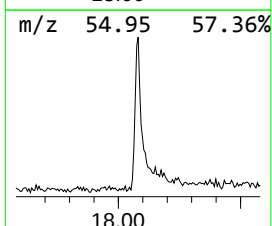
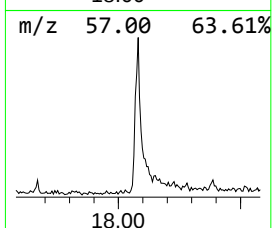
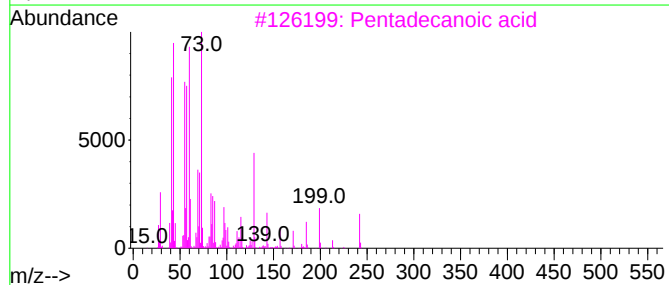
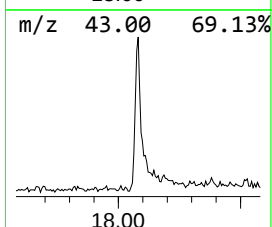
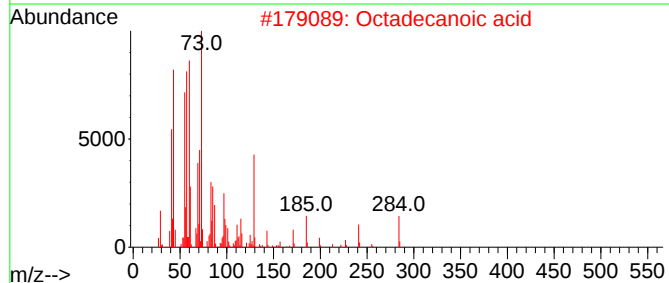
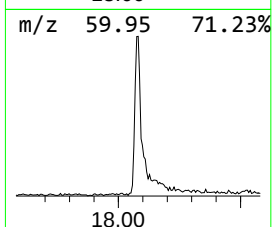
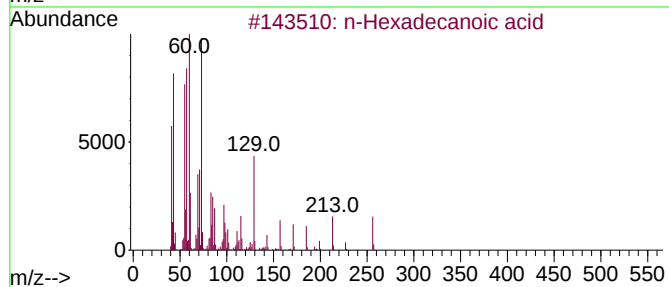
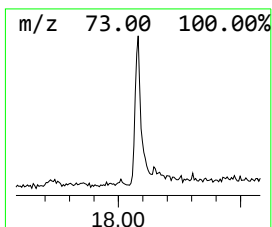
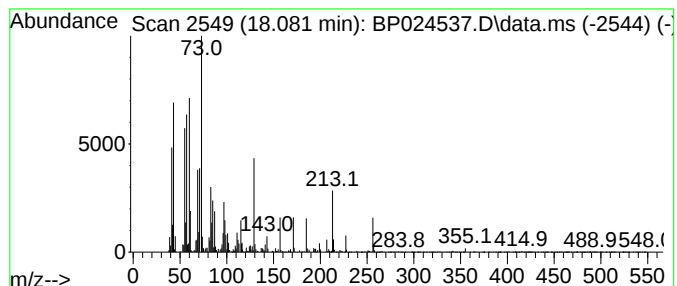
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	2.13 ng	177646	Phenanthrene-d10	17.145

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	83
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		Dodecanoic acid	200	C12H24O2	000143-07-7	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.875	5.8	ng	208121	1	7.711	713768	20.0
Benzophenone	15.722	3.7	ng	240541	3	14.346	1305170	20.0
n-Hexadecanoic ...	18.081	2.1	ng	177646	4	17.145	1666370	20.0