

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041928.D
 Acq On : 20 Sep 2023 06:29
 Operator : MA/JU
 Sample : 04433-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PILE-2

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_M\Methods\8270-BM091823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041928.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.058	314	318	326	rVB	124379	176406	1.27%	0.257%
2	5.499	385	393	404	rBV	4803914	6830549	49.20%	9.941%
3	7.105	658	666	677	rBV	4550889	7294507	52.54%	10.616%
4	7.957	804	811	823	rVB	985192	1550385	11.17%	2.256%
5	9.151	1004	1014	1024	rBV	2763990	4480364	32.27%	6.521%
6	10.775	1282	1290	1299	rBV	1302897	2163648	15.59%	3.149%
7	13.222	1699	1706	1714	rBV	6437335	9725787	70.06%	14.155%
8	13.445	1737	1744	1755	rVB	95257	156693	1.13%	0.228%
9	14.604	1934	1941	1953	rBV	2008931	2929466	21.10%	4.263%
10	16.098	2185	2195	2206	rBV	5451585	7775802	56.01%	11.317%
11	17.357	2402	2409	2421	rBV	2477018	3488981	25.13%	5.078%
12	18.204	2547	2553	2562	rBV	380761	599617	4.32%	0.873%
13	19.968	2847	2853	2858	rBV	10779151	13882559	100.00%	20.204%
14	21.192	3056	3061	3071	rBV	447996	727088	5.24%	1.058%
15	21.527	3113	3118	3124	rBV	2965483	3593948	25.89%	5.231%
16	23.945	3522	3529	3539	rVB	1630884	3334964	24.02%	4.854%

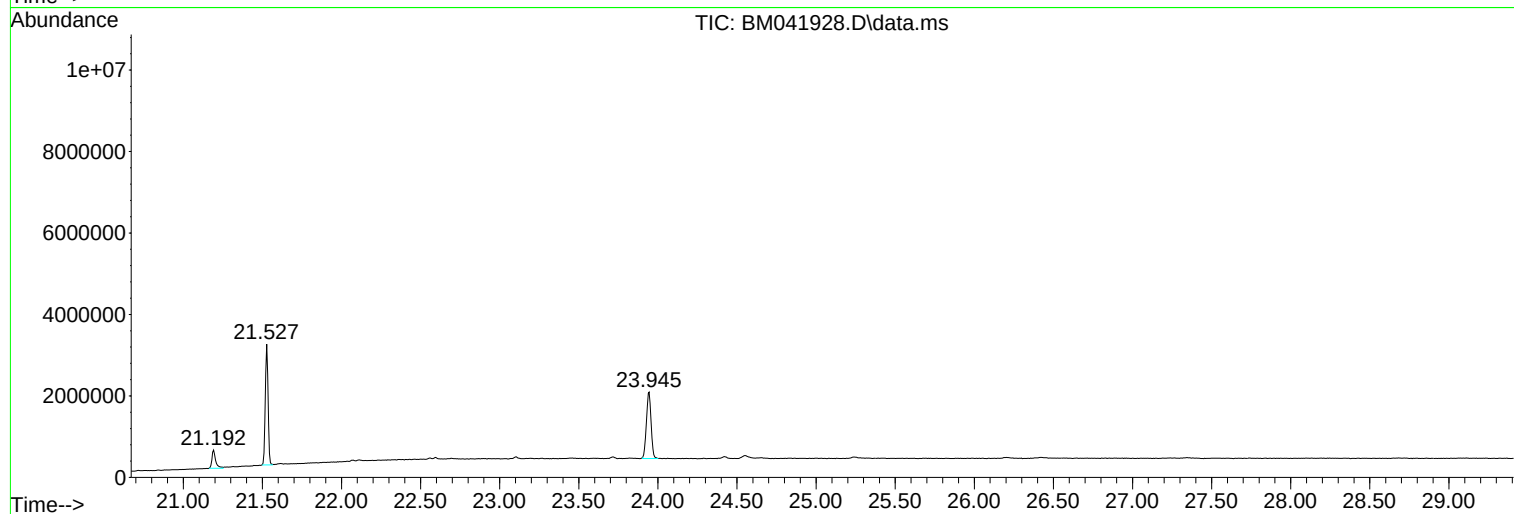
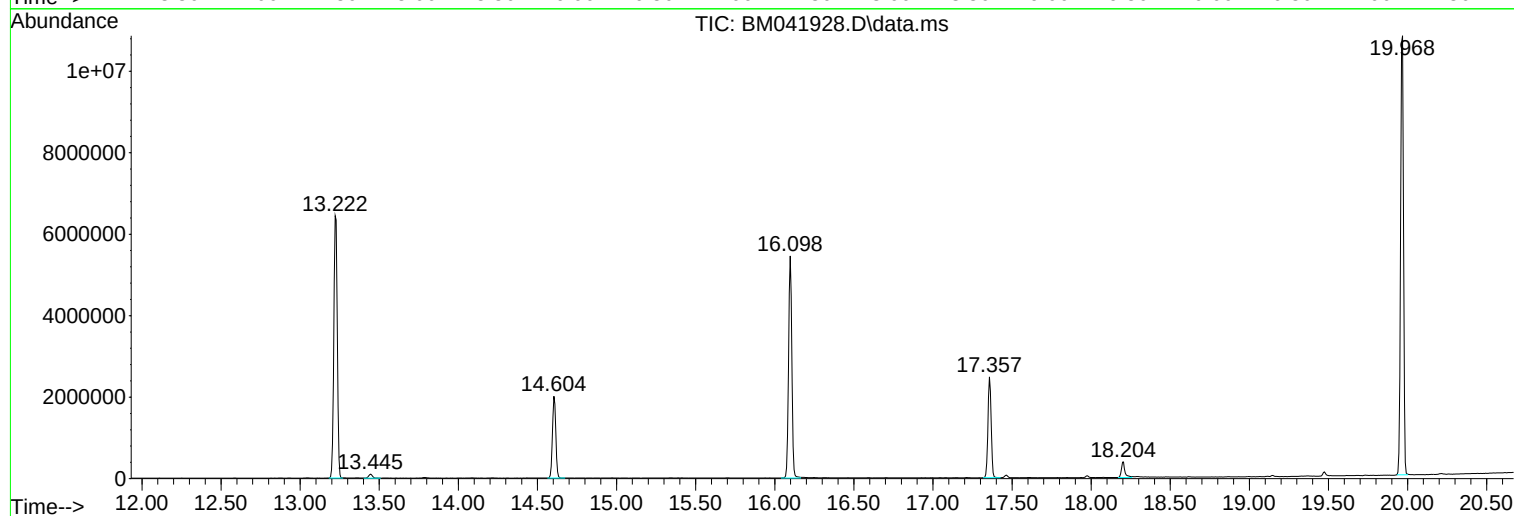
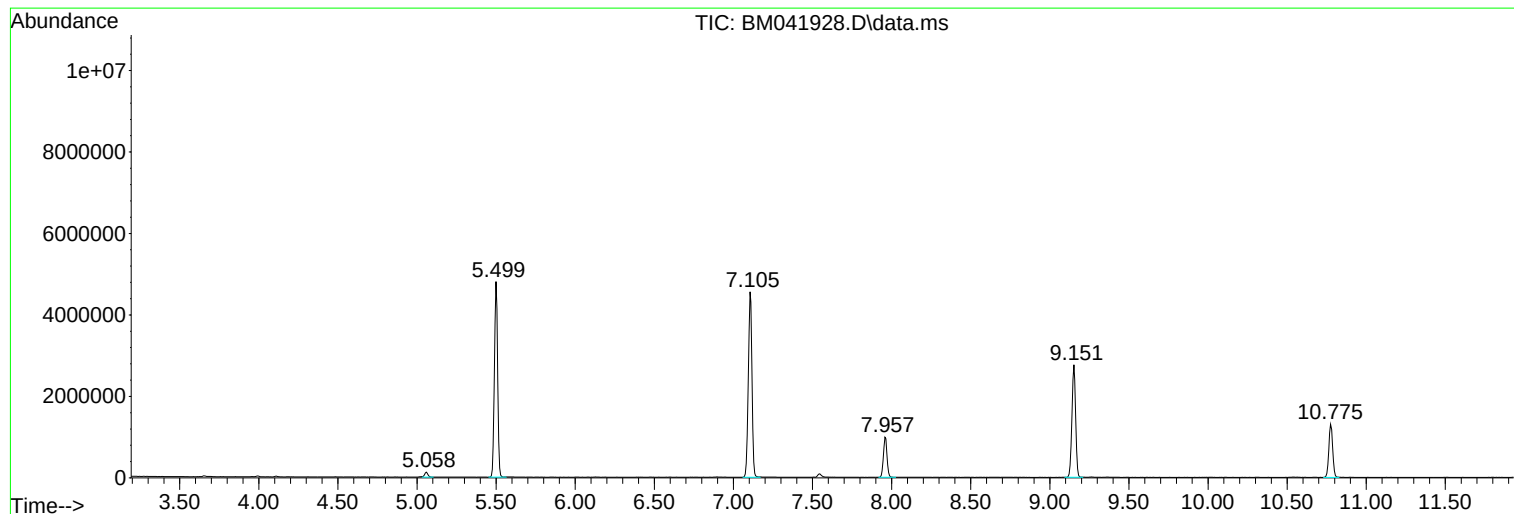
Sum of corrected areas: 68710764

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.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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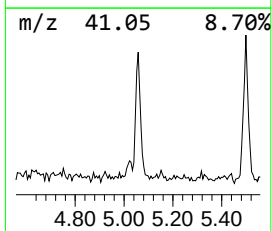
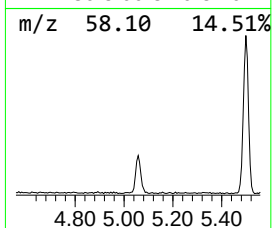
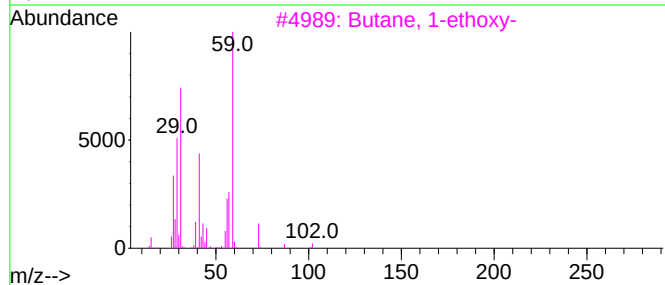
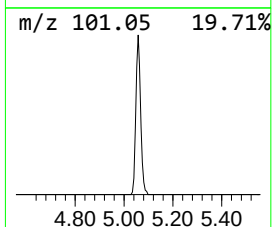
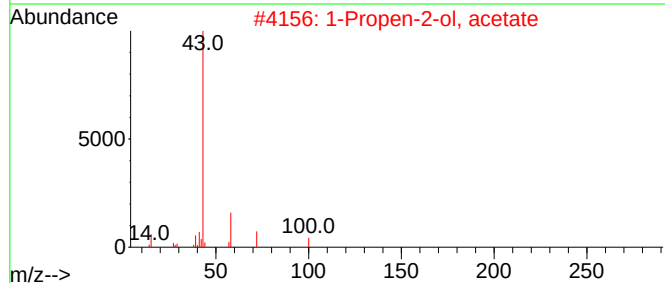
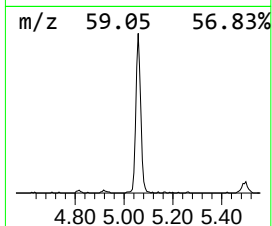
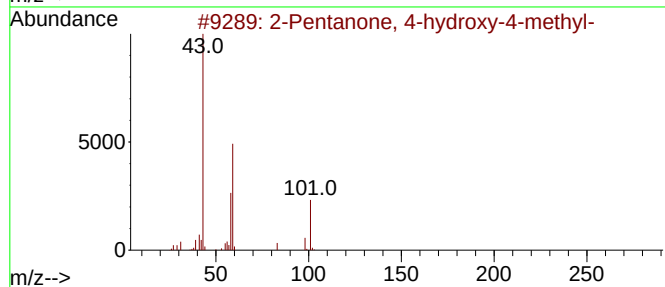
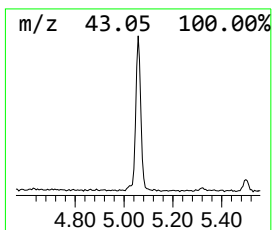
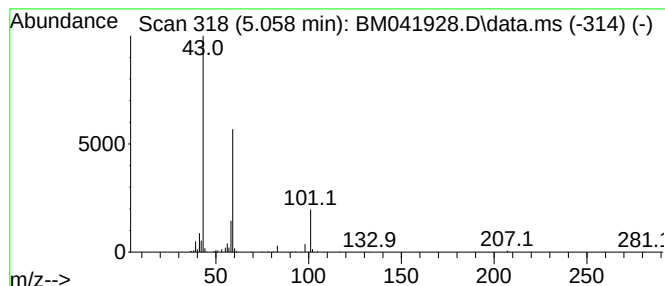
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.058	2.28 ng	176406	1,4-Dichlorobenzene-d4	7.957

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10	
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9	
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9	
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	



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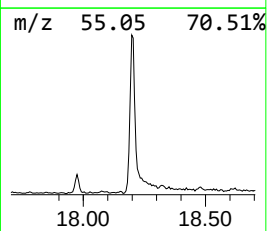
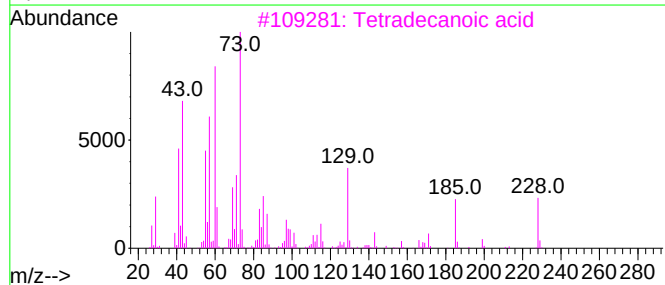
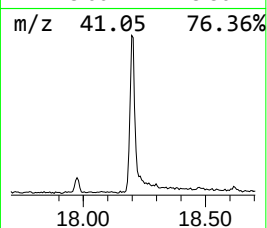
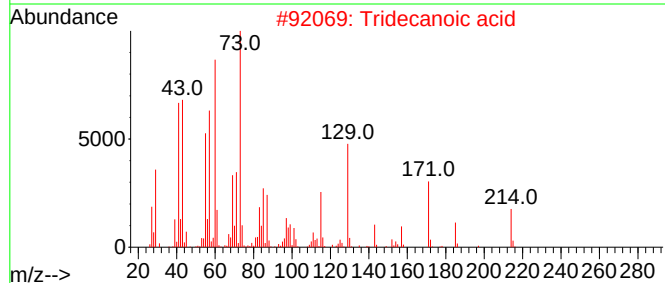
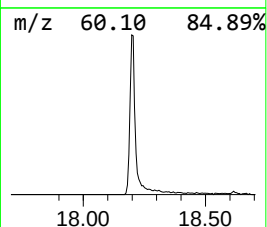
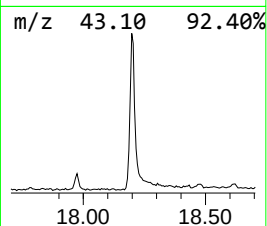
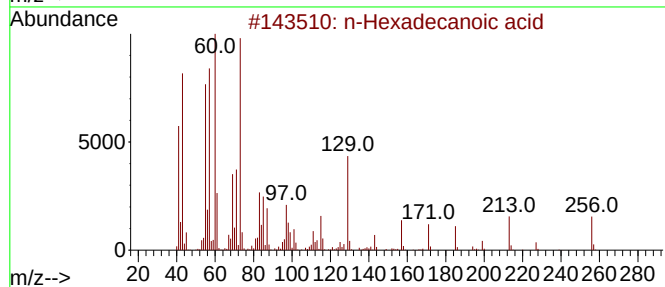
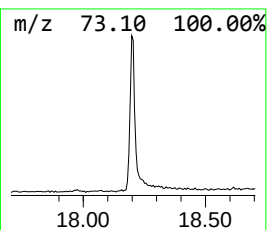
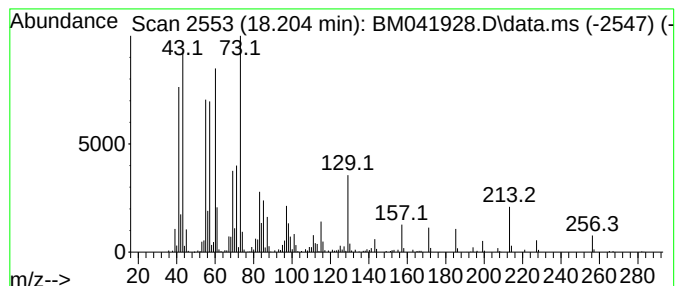
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	3.44 ng	599617	Phenanthrene-d10	17.357

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			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	49



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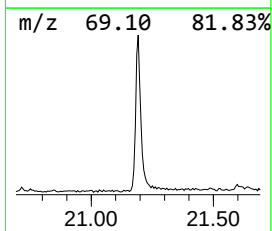
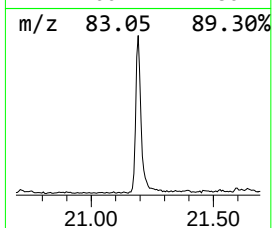
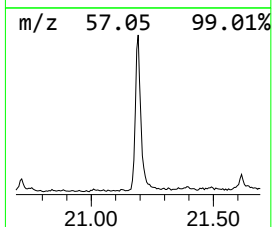
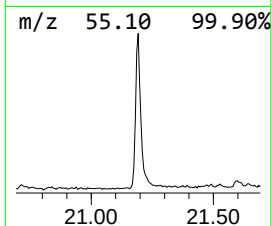
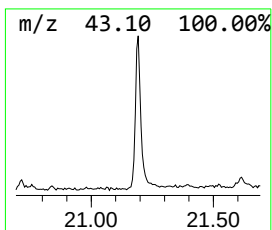
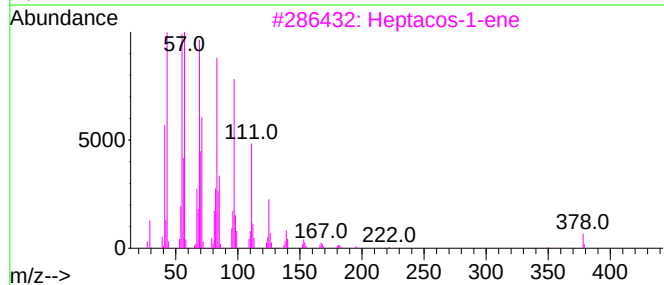
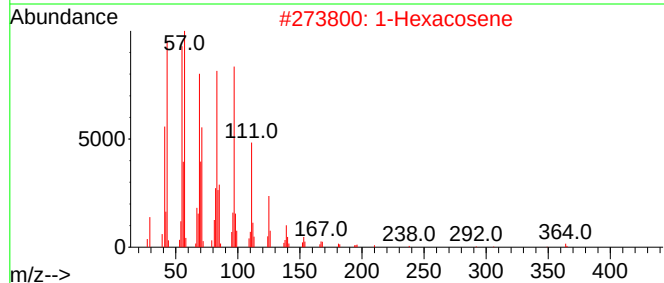
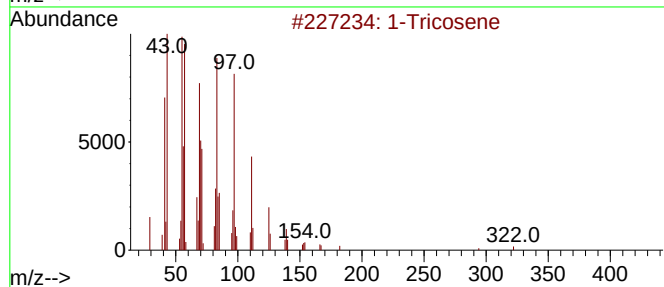
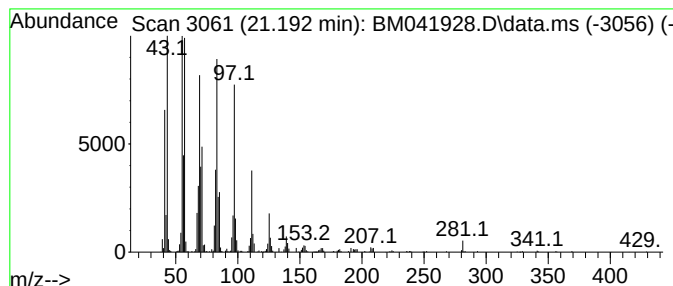
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Peak Number 3 1-Tricosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	4.05 ng	727088	Chrysene-d12	21.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tricosene	322	C23H46	018835-32-0	95
2			1-Hexacosene	364	C26H52	018835-33-1	94
3			Heptacos-1-ene	378	C27H54	015306-27-1	94
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5			Pentacos-1-ene	350	C25H50	016980-85-1	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.058	2.3	ng	176406	1	7.957	1550390	20.0
n-Hexadecanoic ...	18.204	3.4	ng	599617	4	17.357	3488980	20.0
1-Tricosene	21.192	4.0	ng	727088	5	21.527	3593950	20.0