

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041925.D
 Acq On : 20 Sep 2023 04:41
 Operator : MA/JU
 Sample : 04432-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PILE-1

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: BM041925.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	314	318	325	rVB	158599	228257	1.48%	0.306%
2	5.499	386	393	403	rBV	4831369	6922049	44.91%	9.289%
3	7.104	658	666	685	rBV	4626337	7622707	49.46%	10.230%
4	7.963	804	812	821	rBV	1047410	1672982	10.85%	2.245%
5	9.151	1006	1014	1025	rBV	2877335	4705476	30.53%	6.315%
6	10.775	1283	1290	1299	rBV	1411682	2390244	15.51%	3.208%
7	13.227	1699	1707	1721	rVB	7221496	10549072	68.44%	14.157%
8	13.445	1738	1744	1753	rBV	98363	155202	1.01%	0.208%
9	14.604	1934	1941	1948	rBV	2210317	3259471	21.15%	4.374%
10	16.098	2188	2195	2217	rBV	5878020	8526444	55.32%	11.443%
11	17.357	2400	2409	2422	rBV	2794417	3915782	25.41%	5.255%
12	18.204	2547	2553	2565	rBV	404844	654823	4.25%	0.879%
13	19.474	2765	2769	2774	rBV	128639	168979	1.10%	0.227%
14	19.968	2847	2853	2858	rBV	12671358	15413088	100.00%	20.685%
15	21.192	3056	3061	3071	rBV	453297	711732	4.62%	0.955%
16	21.527	3113	3118	3127	rBV	3239491	4005159	25.99%	5.375%
17	23.944	3522	3529	3538	rVB	1798082	3613593	23.44%	4.849%

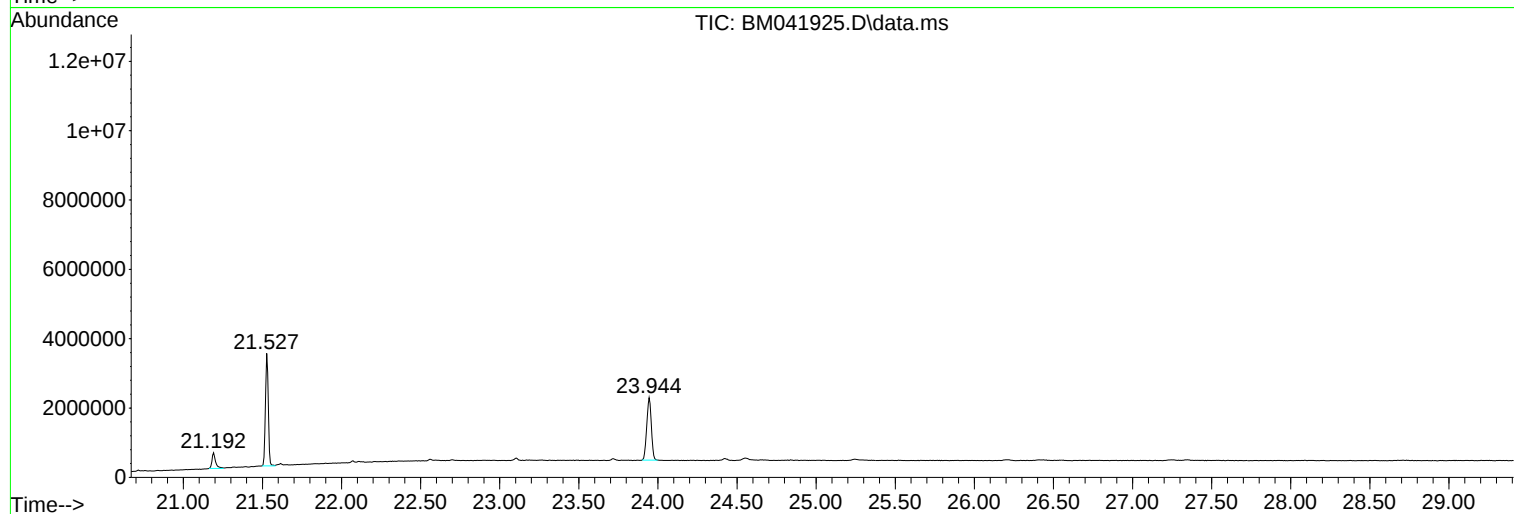
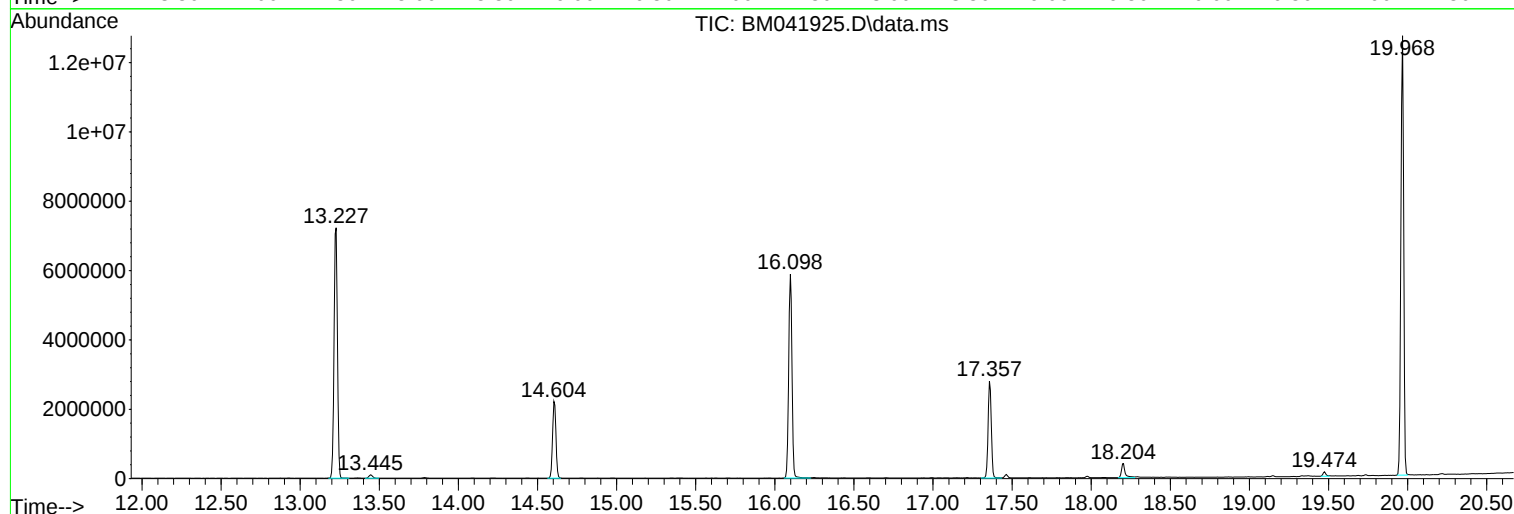
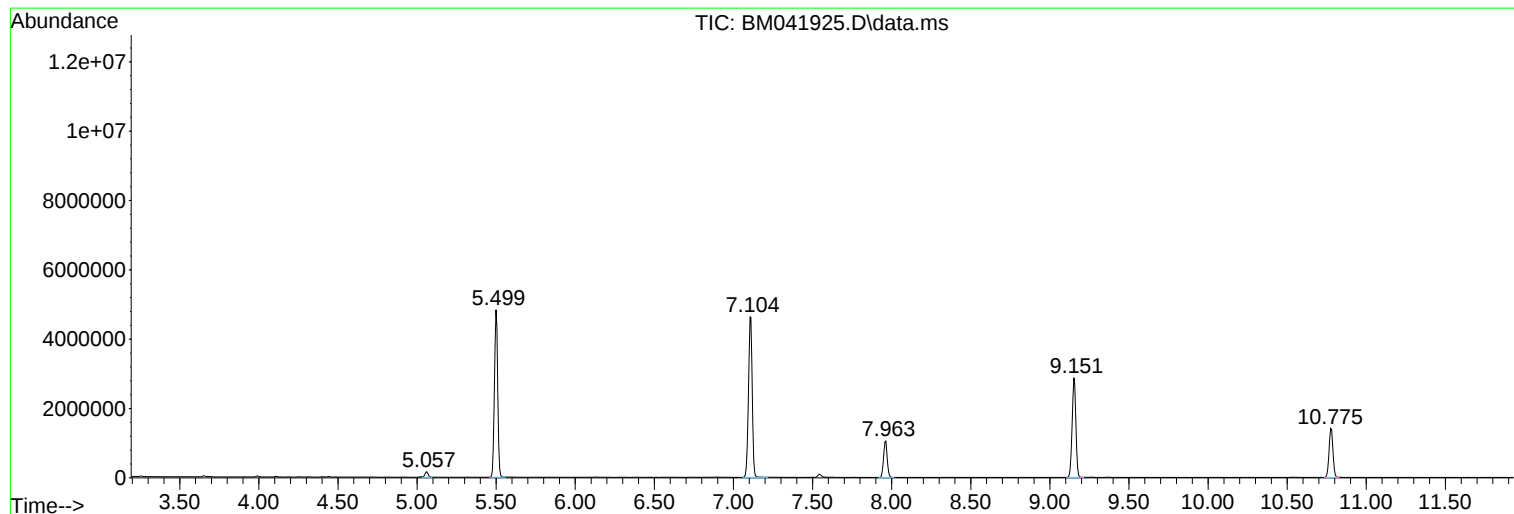
Sum of corrected areas: 74515060

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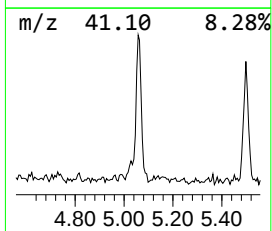
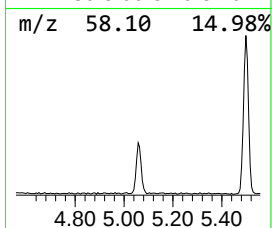
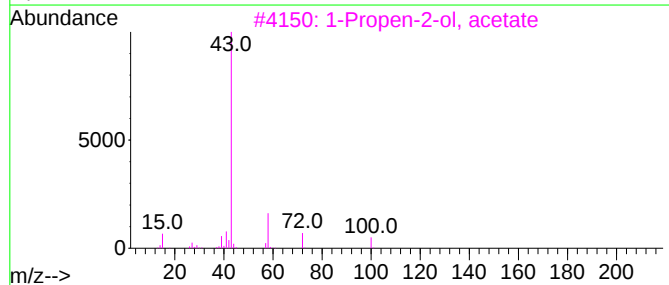
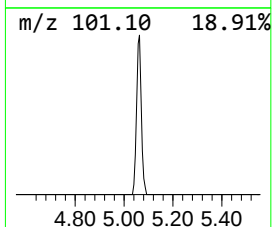
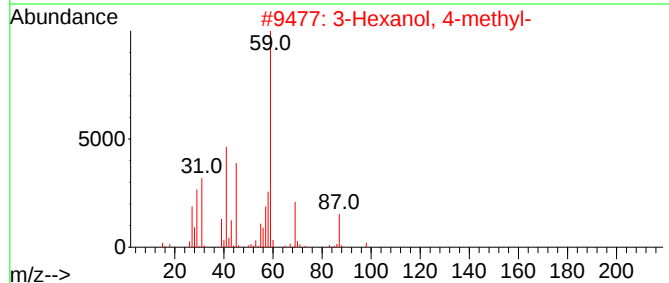
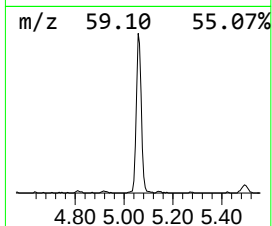
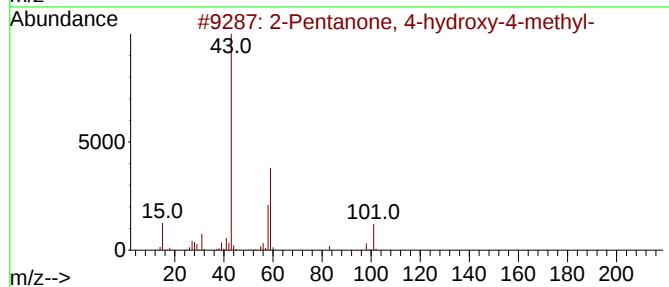
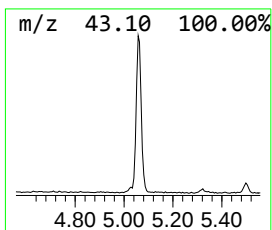
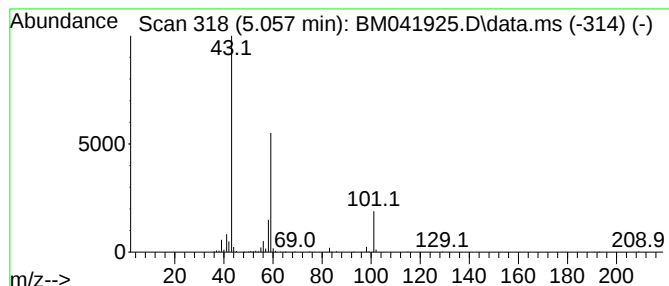
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	2.73 ng	228257	1,4-Dichlorobenzene-d4	7.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53	
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10	
4	Hexanamide	115	C6H13NO	000628-02-4	9	
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	



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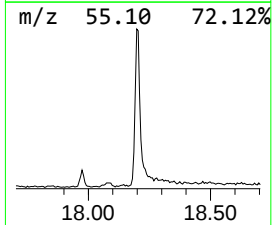
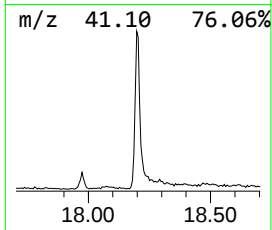
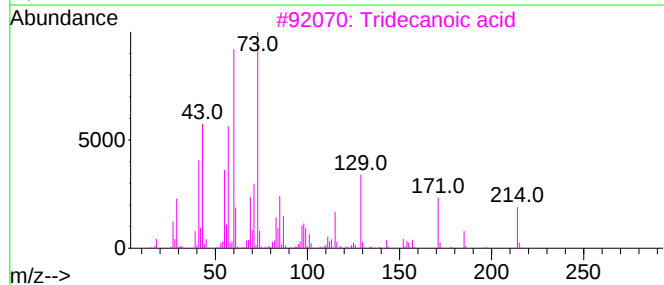
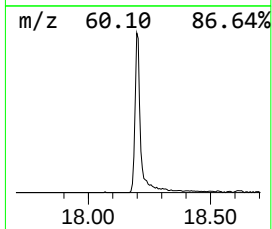
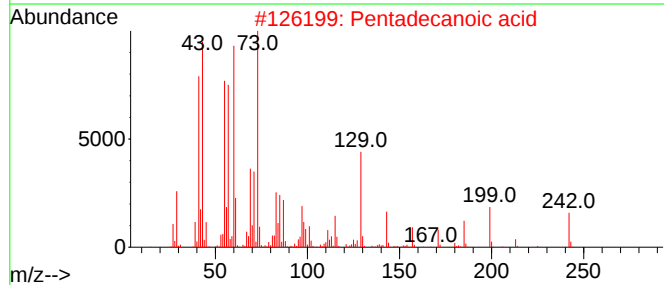
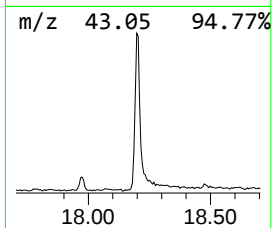
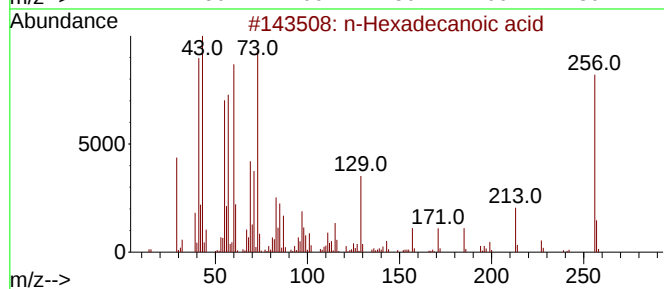
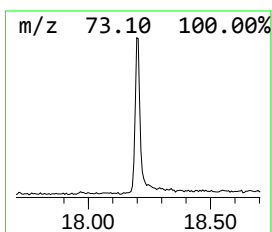
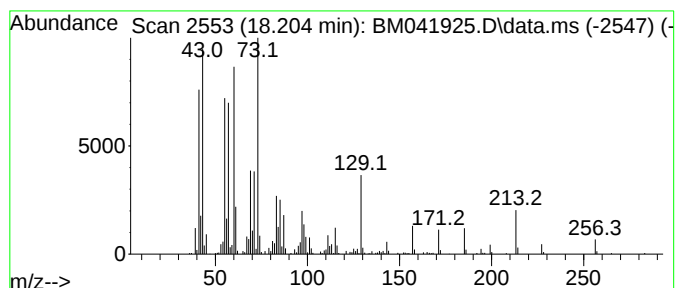
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	3.34 ng	654823	Phenanthrene-d10	17.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	53



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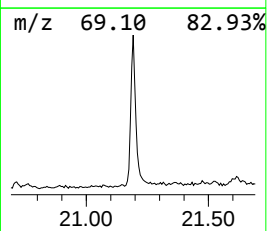
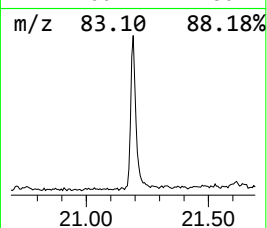
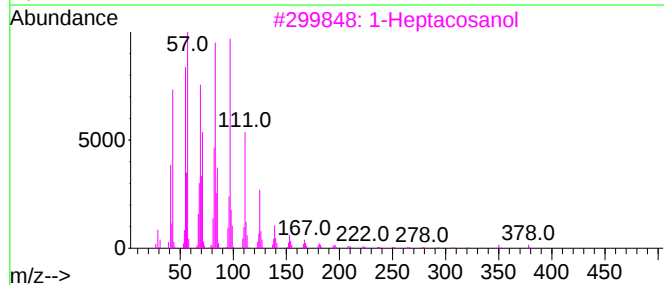
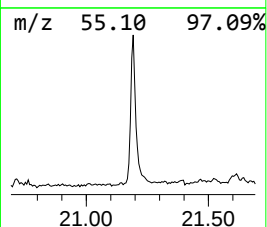
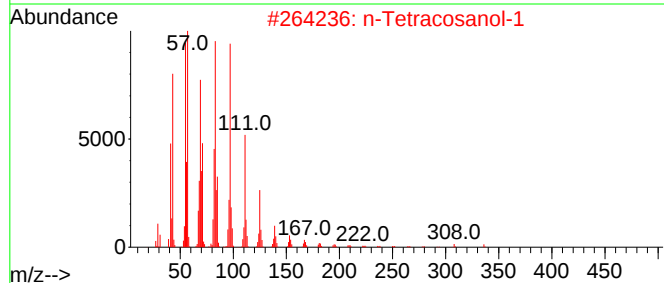
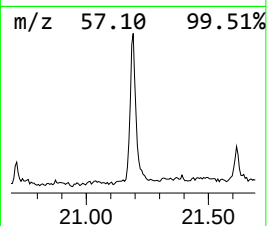
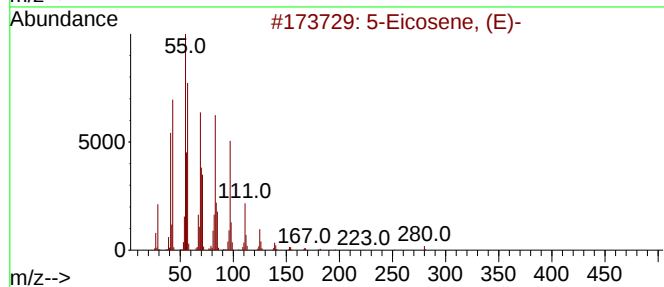
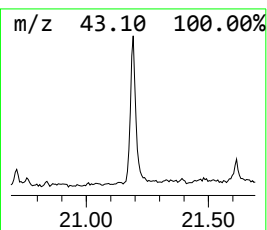
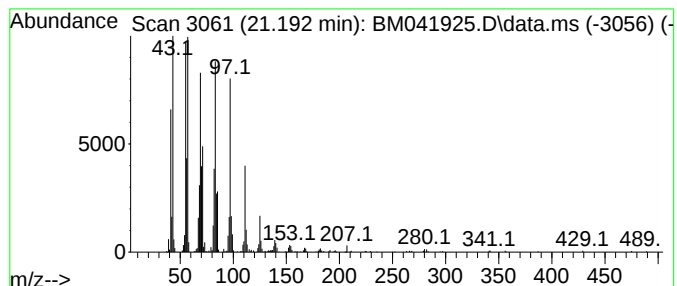
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Peak Number 3 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	3.55 ng	711732	Chrysene-d12	21.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3			1-Heptacosanol	396	C27H56O	002004-39-9	94
4			Heptacos-1-ene	378	C27H54	015306-27-1	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-...	5.057	2.7	ng	228257	1	7.963	1672980	20.0
n-Hexadecanoic ...	18.204	3.3	ng	654823	4	17.357	3915780	20.0
5-Eicosene, (E)-	21.192	3.5	ng	711732	5	21.527	4005160	20.0