

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041334.D
 Acq On : 08 Aug 2023 18:36
 Operator : MA/JU
 Sample : 03929-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-07

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-BM072823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041334.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.899	283	291	299	rBV2	40872	66173	1.35%	0.239%
2	5.352	362	368	384	rBV	1587085	2382895	48.65%	8.595%
3	6.963	635	642	656	rBV	1549093	2468834	50.41%	8.905%
4	7.781	774	781	790	rBV	446517	690355	14.09%	2.490%
5	8.957	973	981	1000	rBV	932022	1576791	32.19%	5.688%
6	10.587	1248	1258	1274	rBV	548714	922387	18.83%	3.327%
7	13.063	1672	1679	1696	rBV	2257388	3314697	67.68%	11.957%
8	14.445	1908	1914	1934	rBV	754560	1182817	24.15%	4.267%
9	15.951	2164	2170	2192	rBV	1927787	2901394	59.24%	10.466%
10	17.210	2377	2384	2396	rBV	1012362	1470215	30.02%	5.303%
11	18.110	2531	2537	2547	rBV	722613	1174313	23.98%	4.236%
12	19.280	2728	2736	2742	rBV	79602	145738	2.98%	0.526%
13	19.392	2751	2755	2769	rBV	297337	543469	11.10%	1.960%
14	19.645	2795	2798	2806	rVB	71633	104367	2.13%	0.376%
15	19.845	2827	2832	2843	rBV	3988190	4897920	100.00%	17.667%
16	21.121	3045	3049	3058	rBV	212028	310812	6.35%	1.121%
17	21.415	3094	3099	3104	rBV	1441867	1812654	37.01%	6.538%
18	23.780	3495	3501	3510	rBV	908820	1757110	35.87%	6.338%

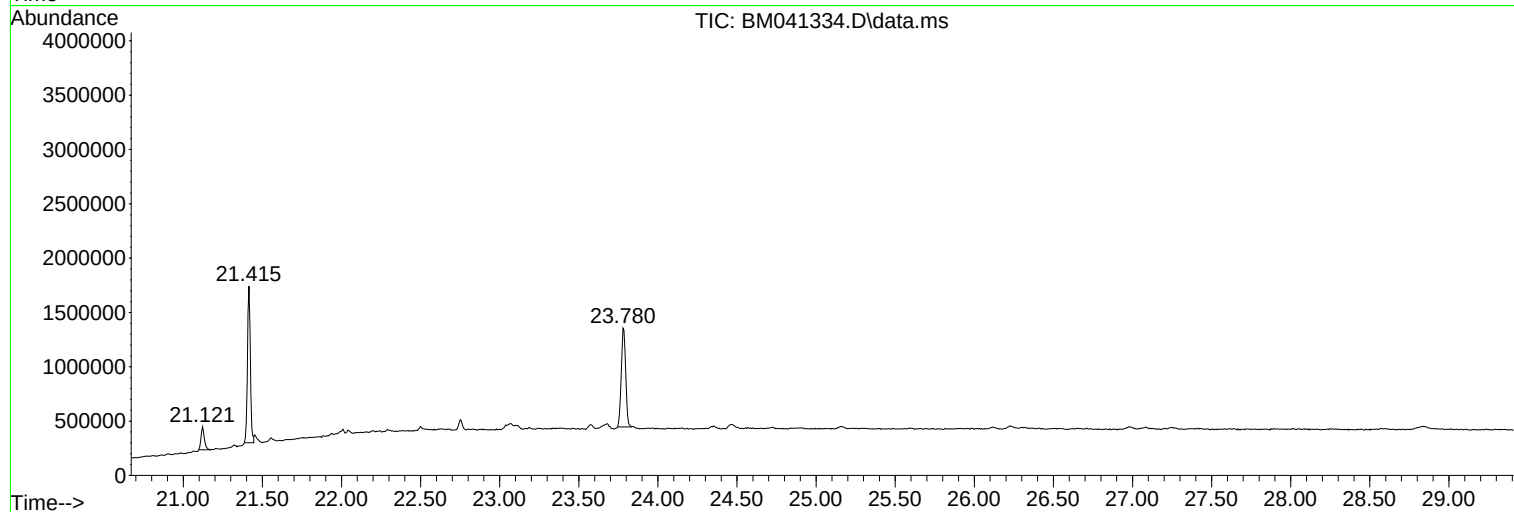
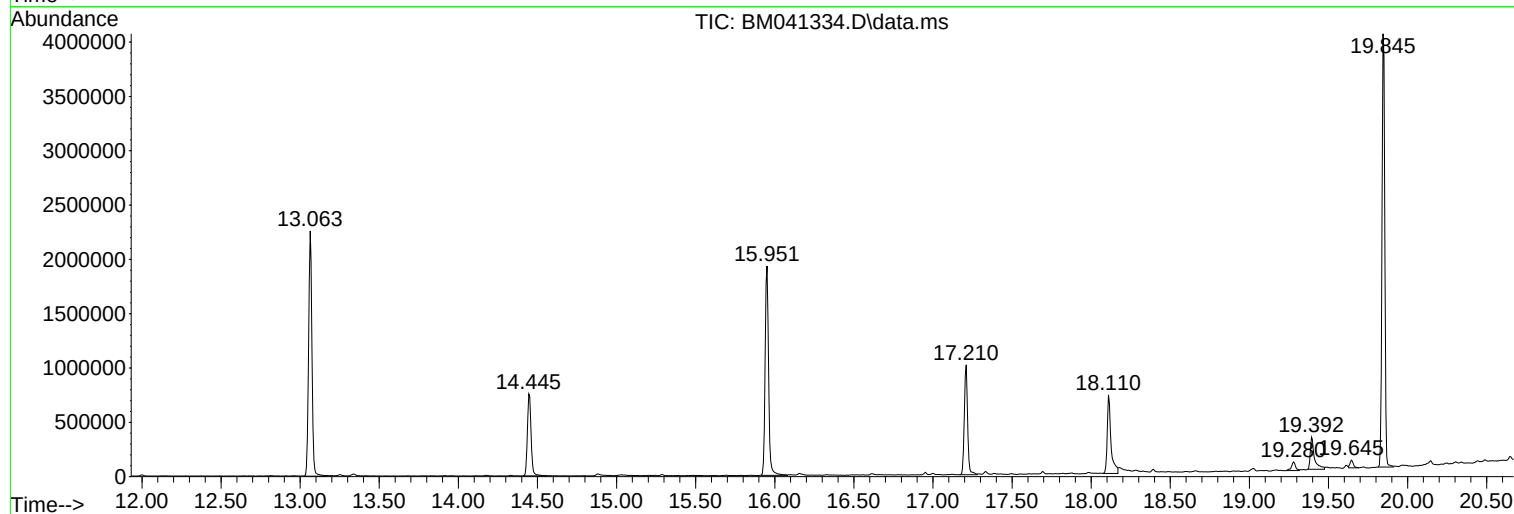
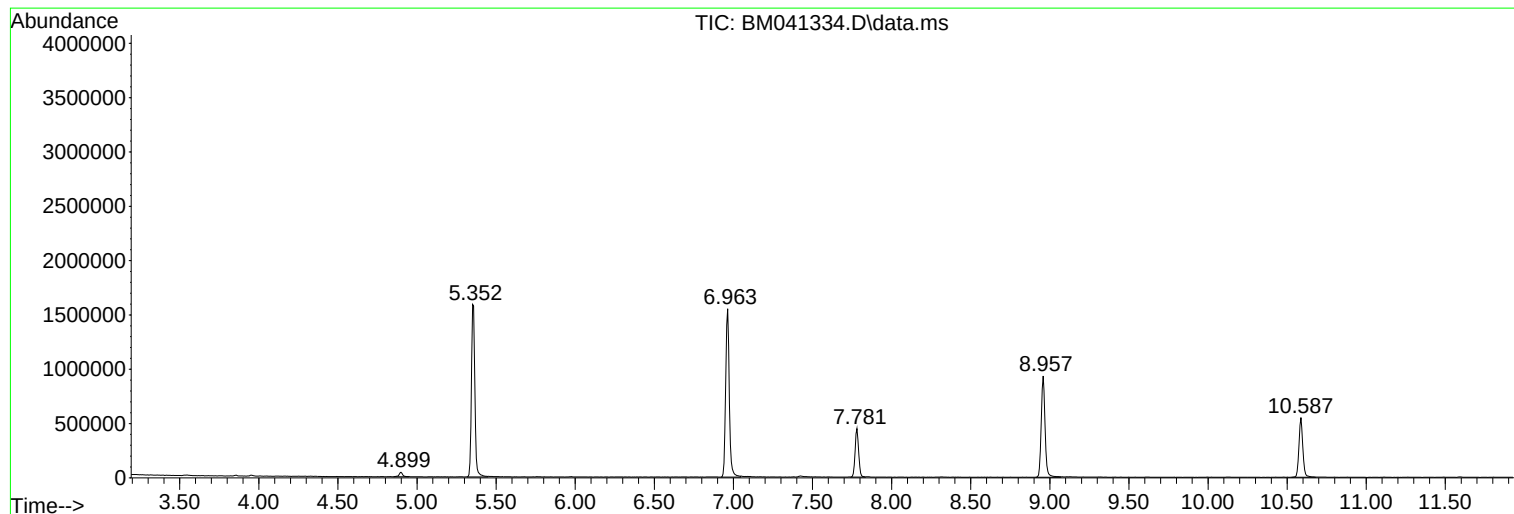
Sum of corrected areas: 27722941

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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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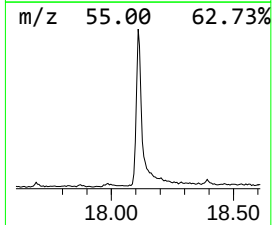
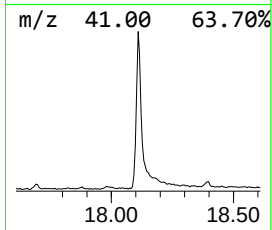
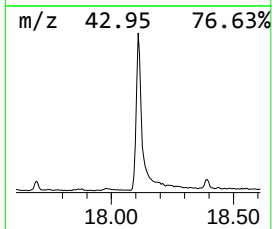
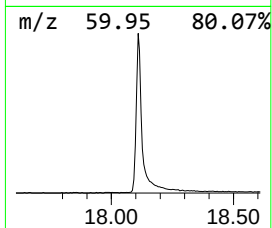
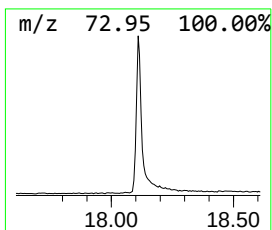
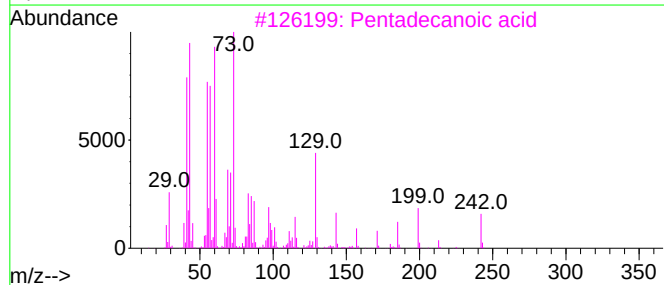
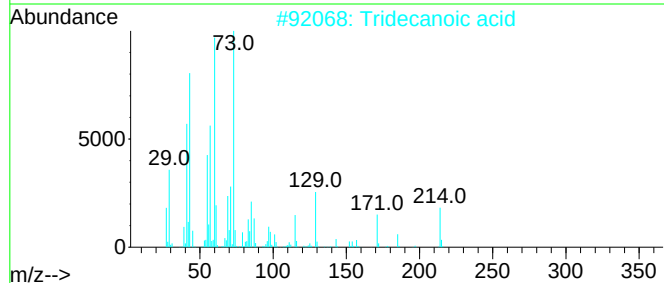
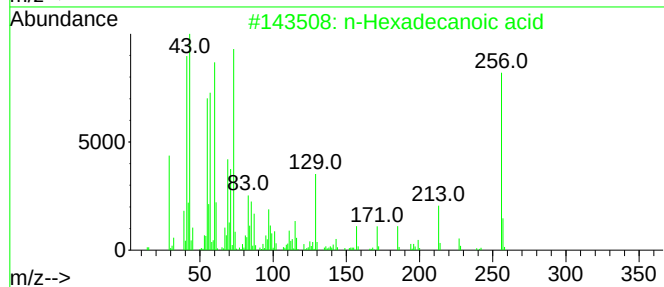
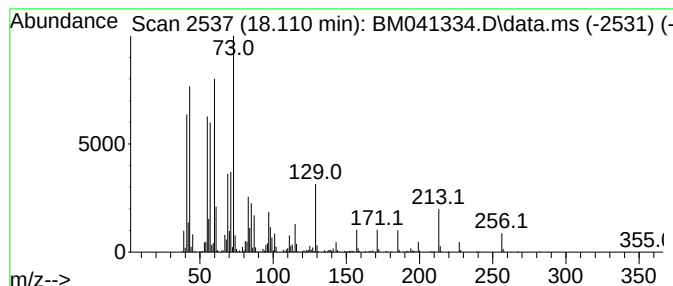
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.110	15.97 ng	1174310	Phenanthrene-d10	17.210	
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	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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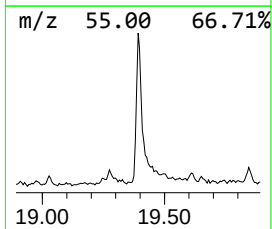
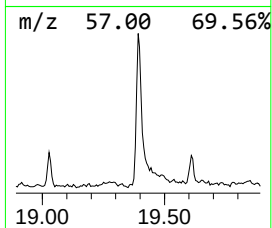
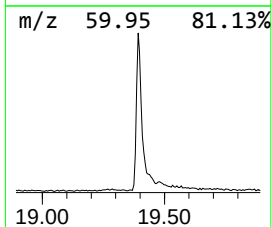
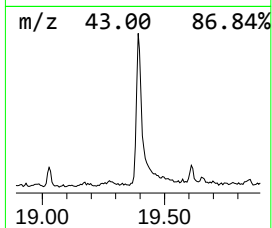
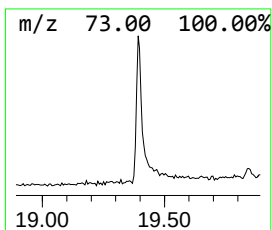
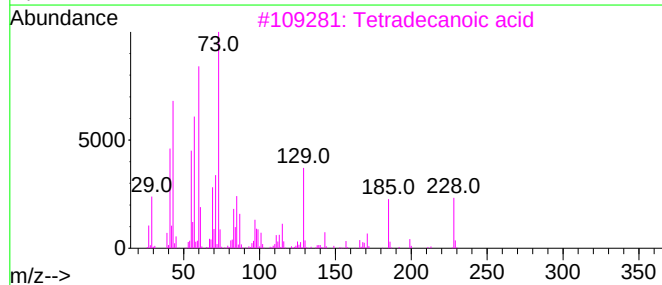
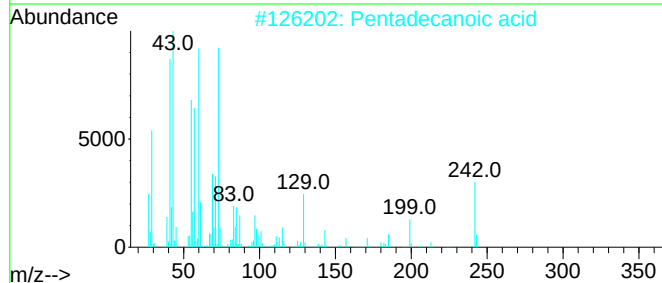
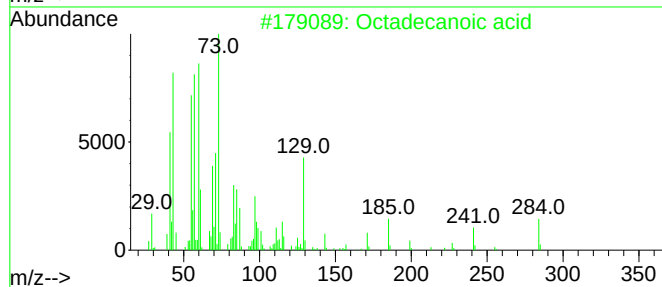
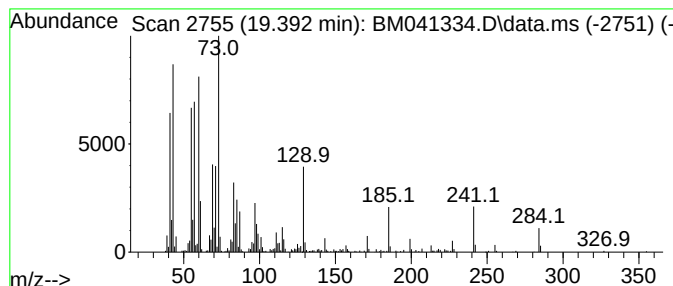
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	6.00 ng	543469	Chrysene-d12	21.415

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



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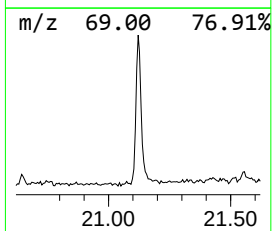
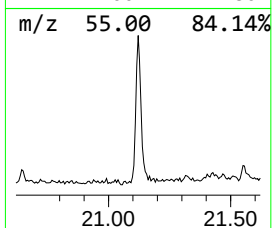
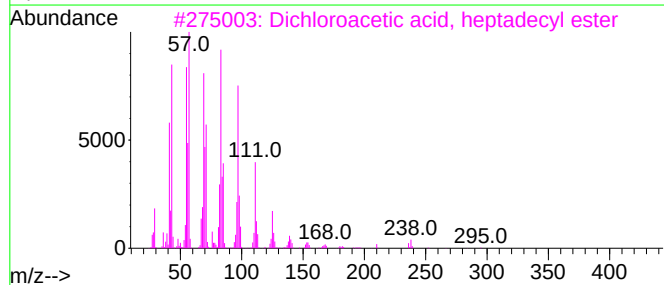
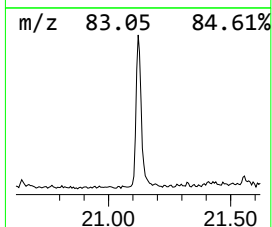
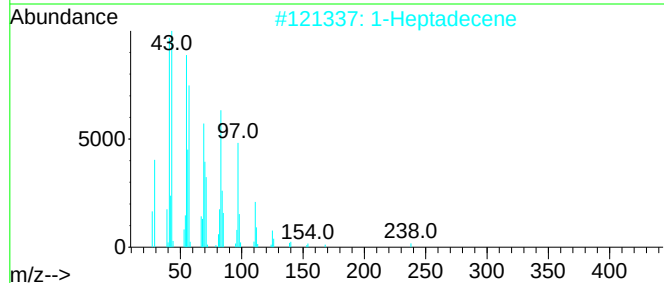
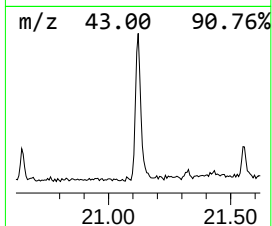
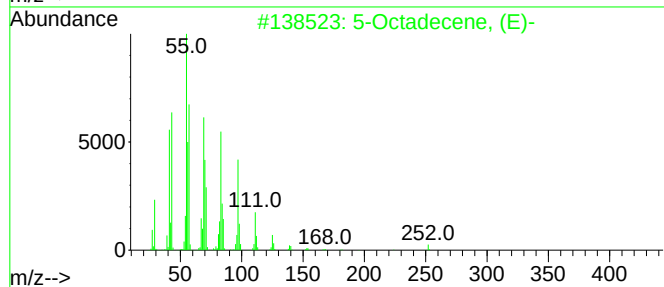
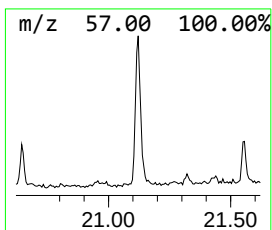
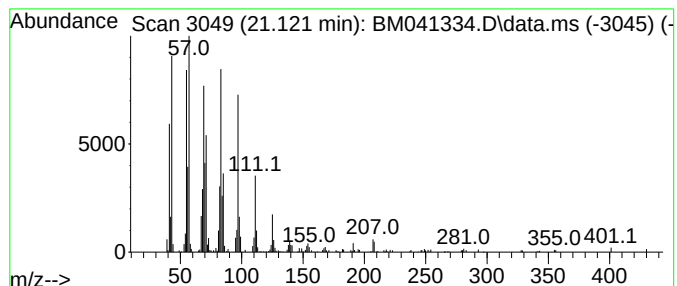
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Peak Number 3 5-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.121	3.43 ng	310812	Chrysene-d12	21.415

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2			1-Heptadecene	238	C17H34	006765-39-5	95
3			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4			Pentacos-1-ene	350	C25H50	016980-85-1	94
5			3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.110	16.0	ng	1174310	4	17.210	1470220	20.0
Octadecanoic acid	19.392	6.0	ng	543469	5	21.415	1812650	20.0
5-Octadecene, (E)-	21.121	3.4	ng	310812	5	21.415	1812650	20.0