

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
 Data File : BM035299.D
 Acq On : 27 May 2022 21:16
 Operator : CG/JU
 Sample : N2930-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P005-SS004-0006-01

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-BM052722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035299.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	396	403	418	rBV	1535404	2245607	47.68%	8.365%
2	7.051	666	674	688	rBV	1385596	2307316	48.99%	8.594%
3	7.875	806	814	822	rBV	468085	742565	15.77%	2.766%
4	9.033	1001	1011	1023	rBV	882215	1484078	31.51%	5.528%
5	10.675	1282	1290	1303	rBV	567257	959282	20.37%	3.573%
6	13.139	1701	1709	1721	rBV	2304178	3406338	72.33%	12.688%
7	14.510	1935	1942	1953	rBV	832846	1223084	25.97%	4.556%
8	15.998	2188	2195	2203	rBV	1743256	2458958	52.21%	9.159%
9	17.251	2400	2408	2415	rBV	963217	1408312	29.90%	5.246%
10	18.156	2557	2562	2571	rBV	377705	562193	11.94%	2.094%
11	19.262	2747	2750	2756	rBV	54172	86479	1.84%	0.322%
12	19.433	2774	2779	2792	rBV2	201530	316662	6.72%	1.180%
13	19.697	2820	2824	2833	rVB	75589	119966	2.55%	0.447%
14	19.880	2849	2855	2862	rBV	4000881	4709625	100.00%	17.543%
15	20.444	2948	2951	2955	rVB2	44726	51785	1.10%	0.193%
16	20.521	2960	2964	2971	rVV4	66960	103515	2.20%	0.386%
17	21.156	3065	3072	3081	rBV2	480836	998878	21.21%	3.721%
18	21.356	3103	3106	3110	rBV	132247	138966	2.95%	0.518%
19	21.433	3115	3119	3129	rVV	1314244	1759762	37.37%	6.555%
20	23.797	3515	3521	3531	rVB2	870995	1763253	37.44%	6.568%

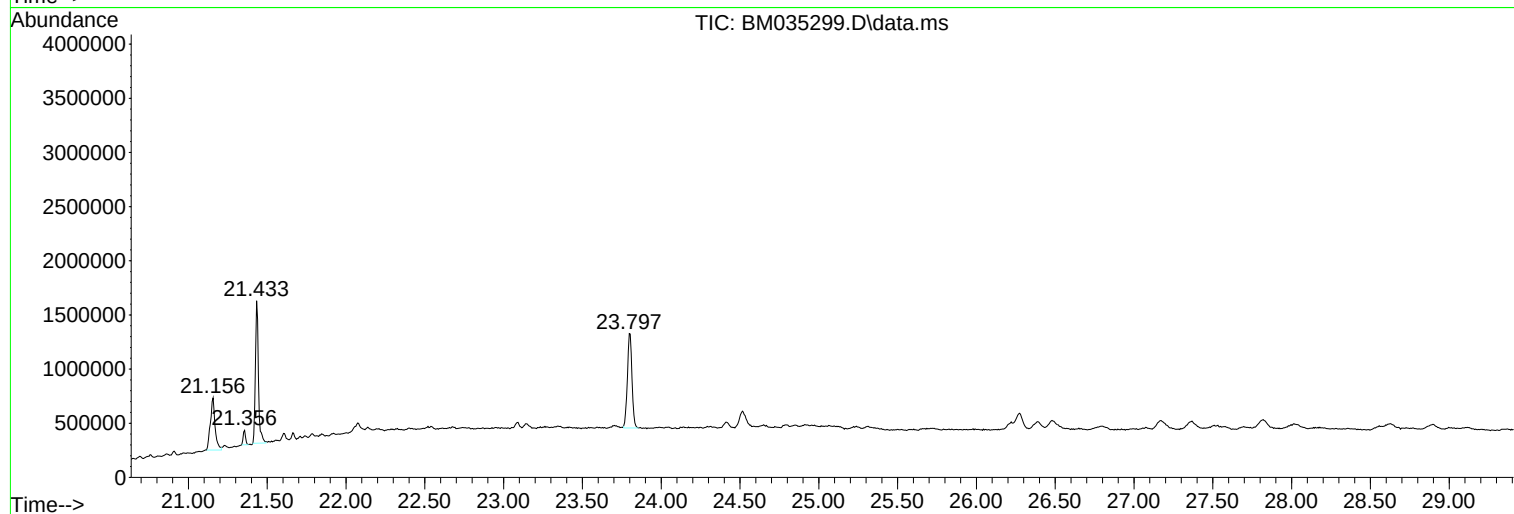
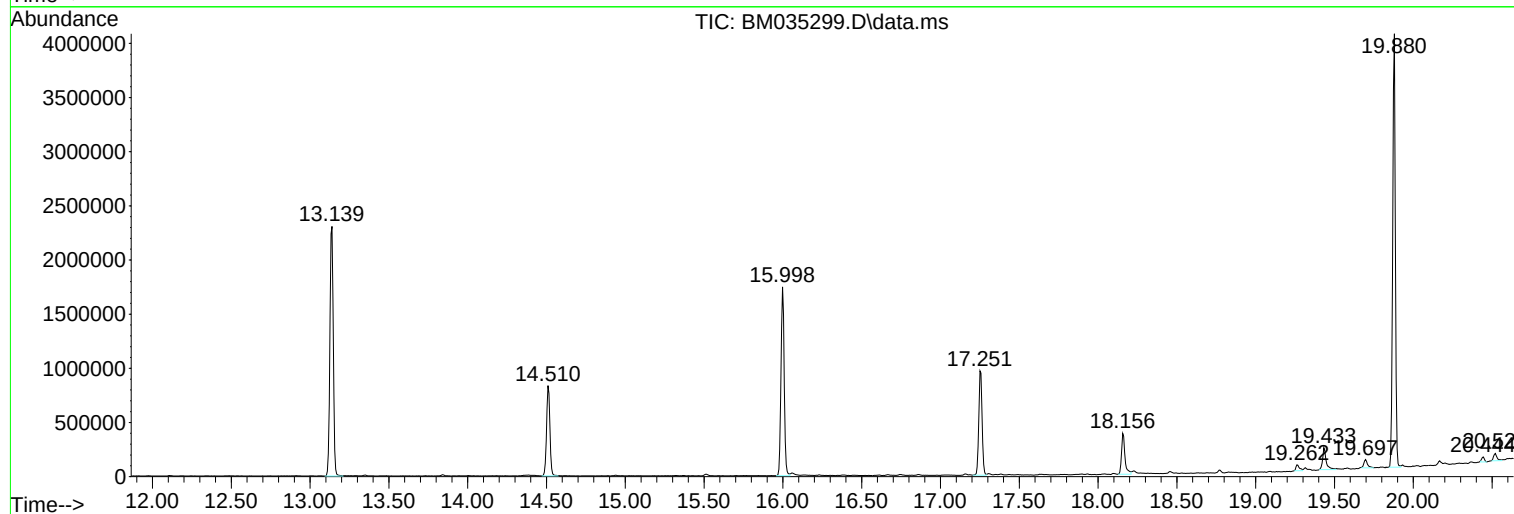
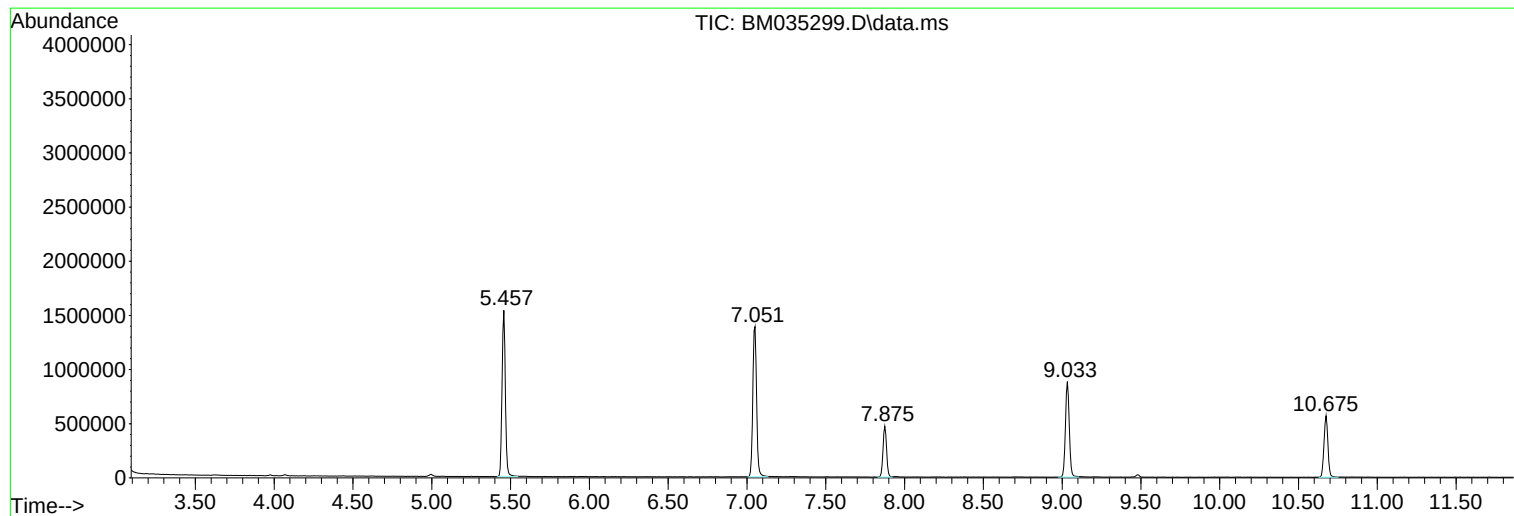
Sum of corrected areas: 26846624

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



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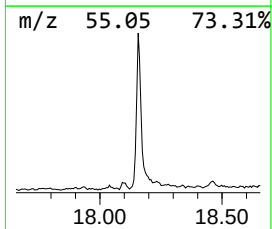
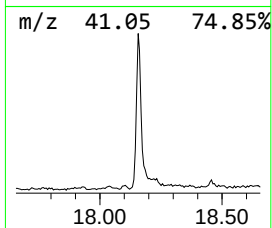
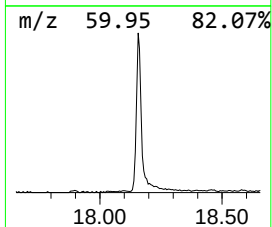
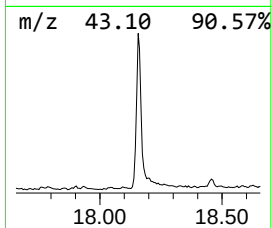
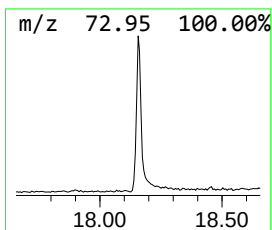
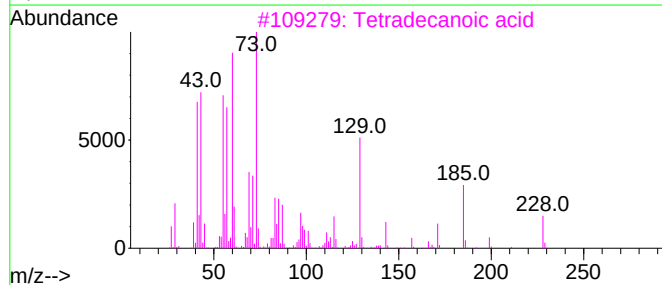
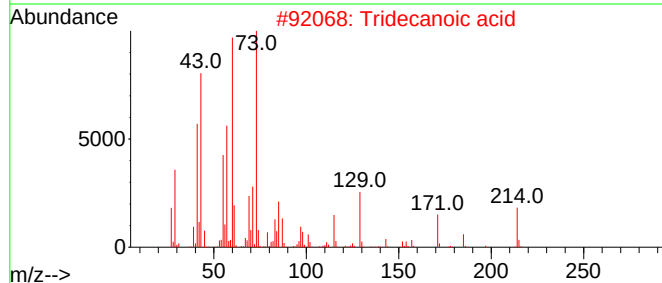
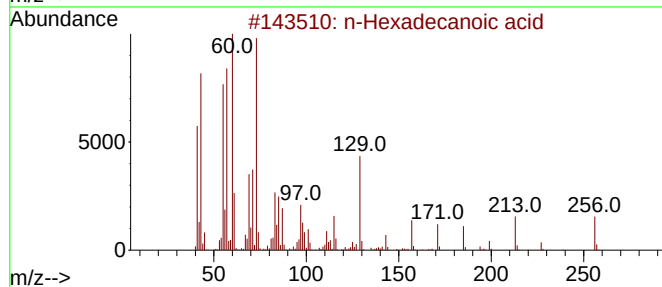
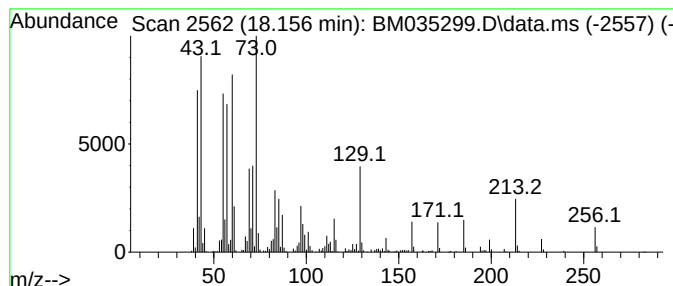
Instrument :
BNA_M
ClientSampleId :
P005-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.156	7.98 ng	562193	Phenanthrene-d10	17.251
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 93
3		Tetradecanoic acid	228 C14H28O2	000544-63-8 91
4		Pentadecanoic acid	242 C15H30O2	001002-84-2 90
5		n-Decanoic acid	172 C10H20O2	000334-48-5 70



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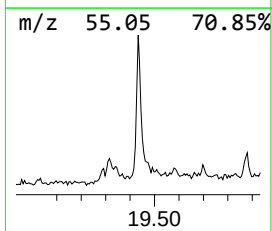
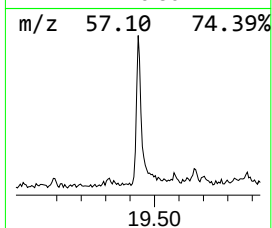
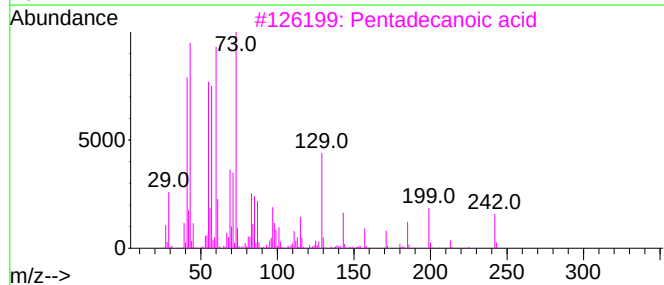
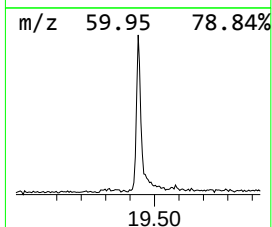
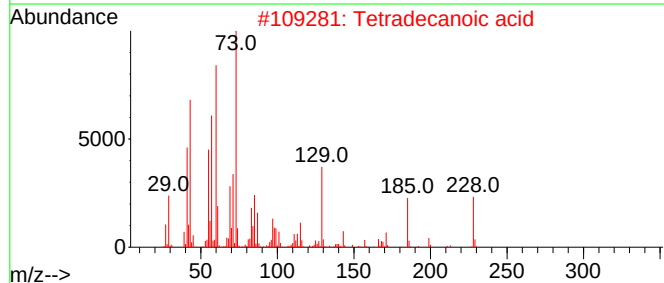
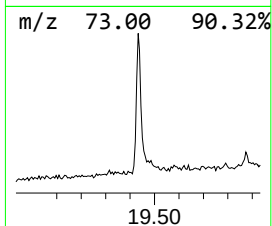
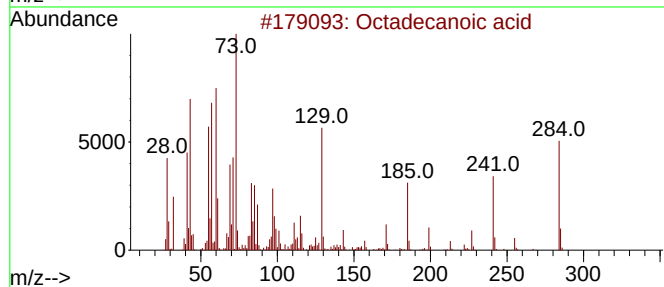
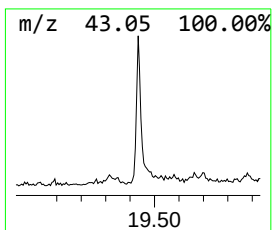
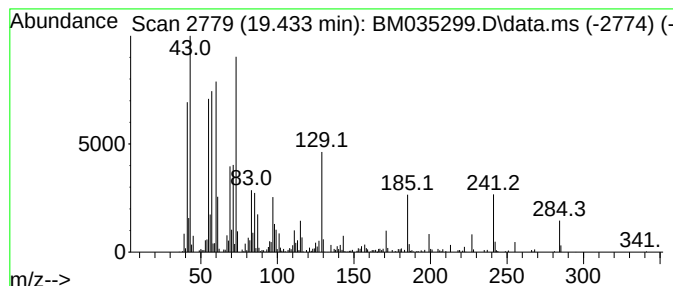
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	3.60 ng	316662	Chrysene-d12	21.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5			Undecanoic acid	186	C11H22O2	000112-37-8	52



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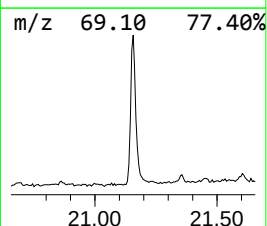
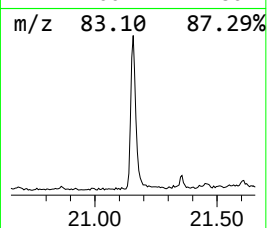
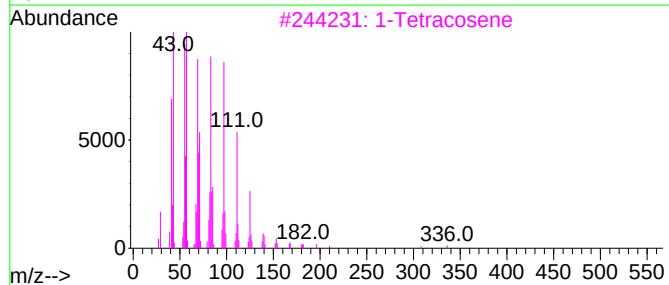
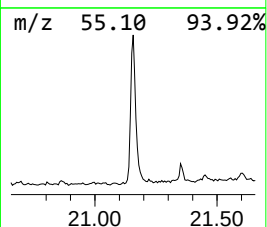
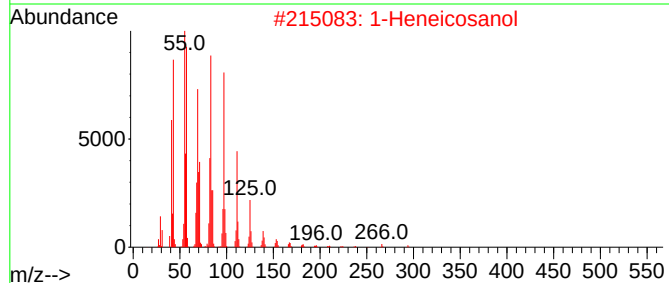
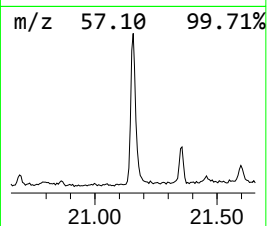
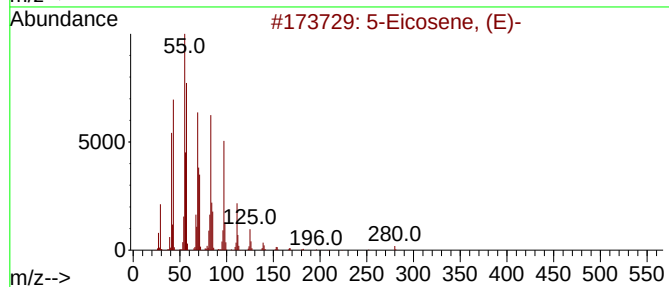
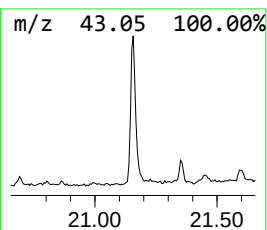
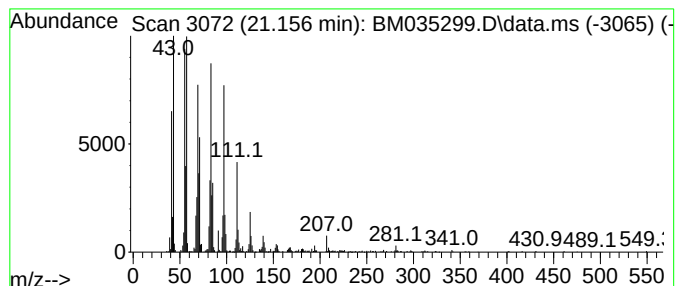
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Peak Number 3 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.156	11.35 ng	998878	Chrysene-d12		21.433	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	96
2	1-Heneicosanol		312	C21H44O	015594-90-8	95
3	1-Tetracosene		336	C24H48	010192-32-2	94
4	1-Heneicosyl formate		340	C22H44O2	077899-03-7	94
5	Behenic alcohol		326	C22H46O	000661-19-8	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.156	8.0	ng	562193	4	17.251	1408310	20.0
Octadecanoic acid	19.433	3.6	ng	316662	5	21.433	1759760	20.0
5-Eicosene, (E)-	21.156	11.4	ng	998878	5	21.433	1759760	20.0