

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130289.D
 Acq On : 16 Sep 2022 13:43
 Operator : CG\JU
 Sample : N4656-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-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_F\Methods\8270-BF091422.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130289.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	470	474	483	rVB	41441	54457	2.01%	0.341%
2	5.281	538	543	546	rBV	2255003	2152742	79.51%	13.486%
3	6.310	712	718	721	rBV	2154004	2165368	79.98%	13.565%
4	6.675	776	780	783	rBV	769596	567241	20.95%	3.553%
5	7.240	871	876	879	rBV	1605310	1440378	53.20%	9.023%
6	7.957	993	998	1001	rBV	911515	753171	27.82%	4.718%
7	9.034	1176	1181	1184	rBV	3283392	2707464	100.00%	16.961%
8	9.704	1291	1295	1299	rBV	986269	820076	30.29%	5.137%
9	10.492	1425	1429	1440	rBV	1285125	1190312	43.96%	7.457%
10	11.186	1543	1547	1549	rBV	850069	723469	26.72%	4.532%
11	11.586	1611	1615	1619	rVB	28251	32841	1.21%	0.206%
12	11.722	1633	1638	1646	rBV3	135691	203817	7.53%	1.277%
13	12.386	1749	1751	1757	rVB	34465	33896	1.25%	0.212%
14	12.510	1767	1772	1782	rBV	99883	162079	5.99%	1.015%
15	12.769	1812	1816	1820	rBV	2053102	1864993	68.88%	11.683%
16	13.810	1989	1993	1997	rBV	491488	467485	17.27%	2.929%
17	13.916	2005	2011	2013	rBV4	28466	45415	1.68%	0.284%
18	13.992	2022	2024	2036	rVB6	32254	59232	2.19%	0.371%
19	15.204	2226	2230	2236	rBV	425713	518732	19.16%	3.250%

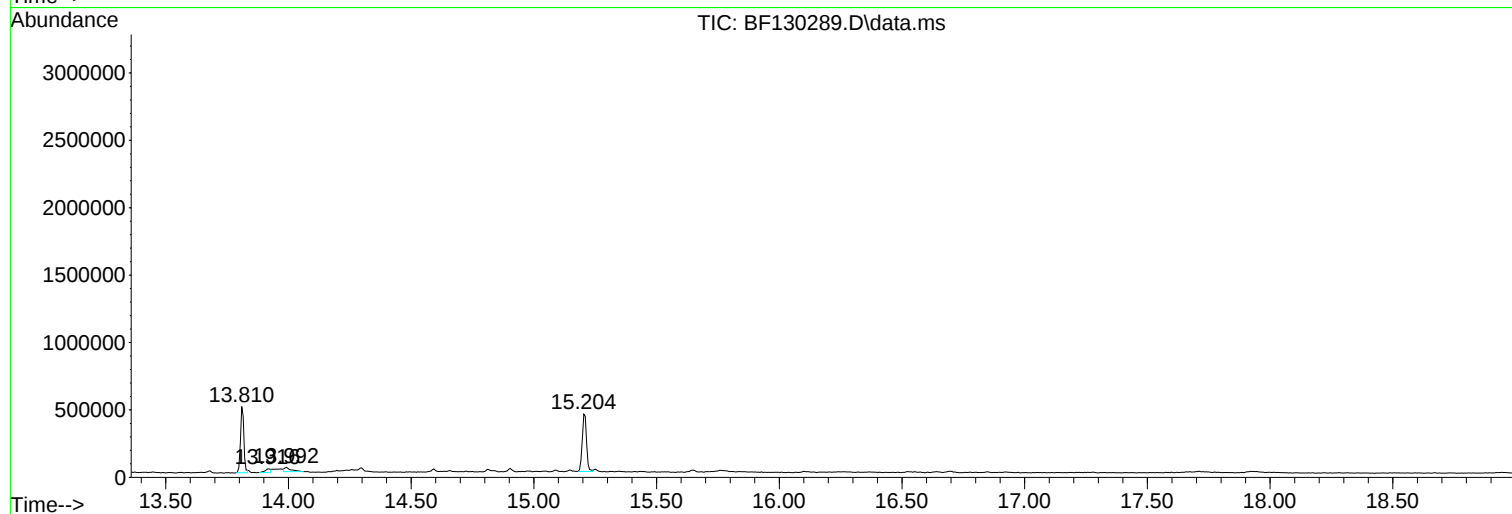
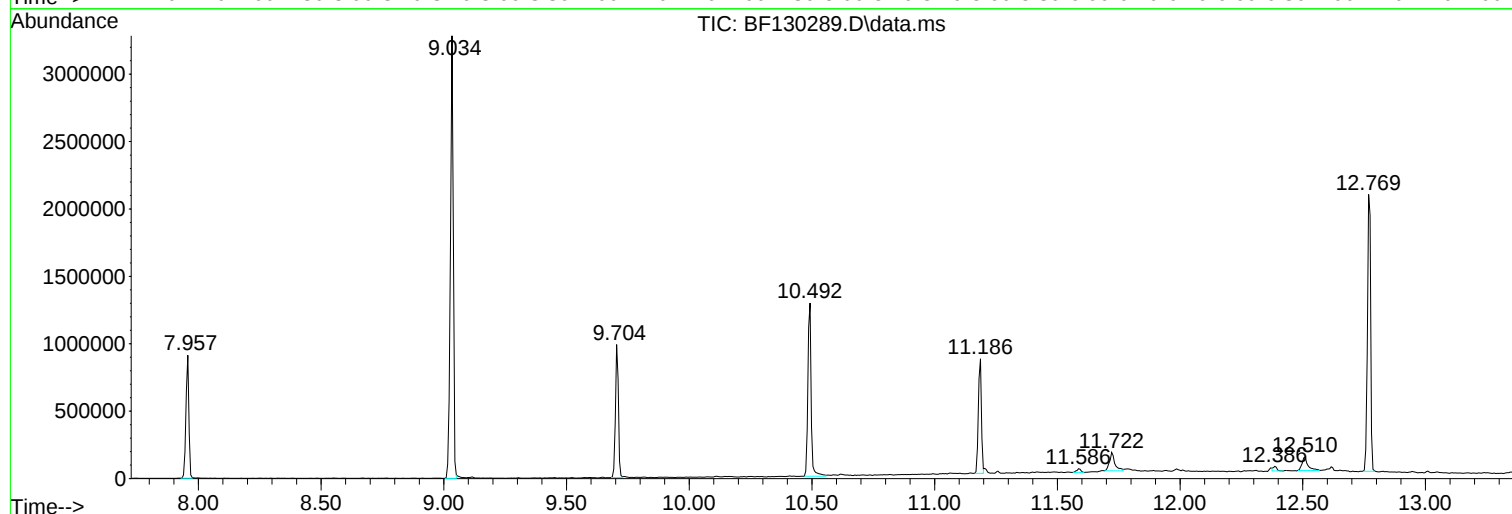
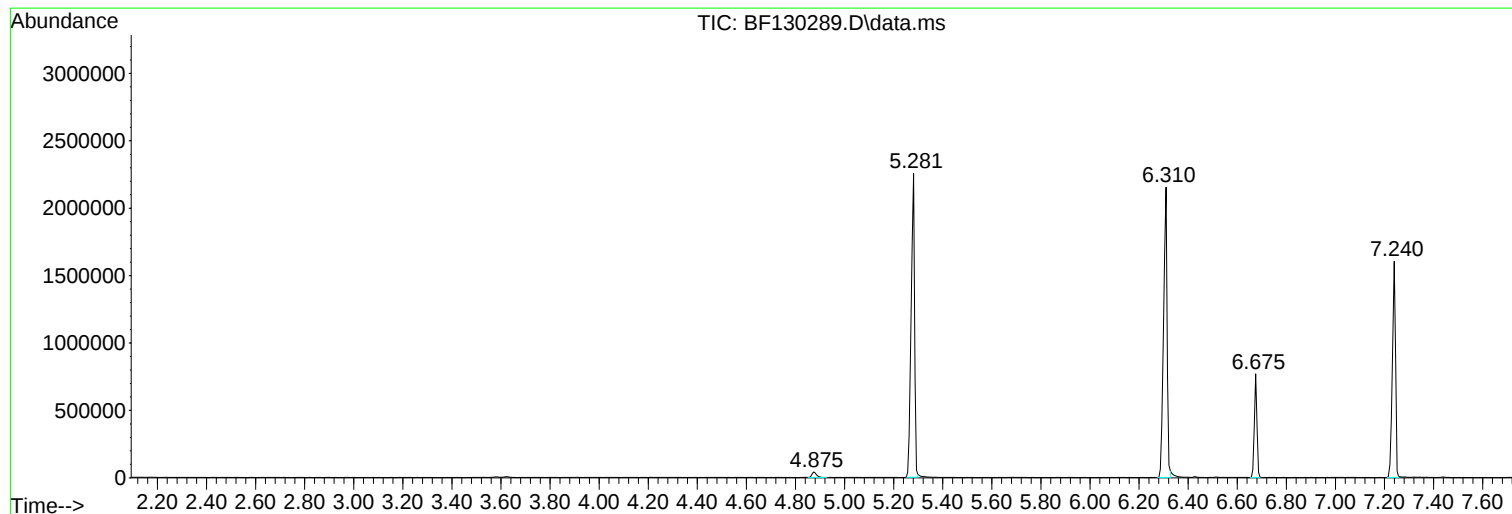
Sum of corrected areas: 15963168

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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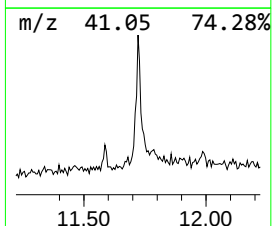
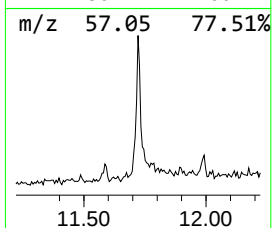
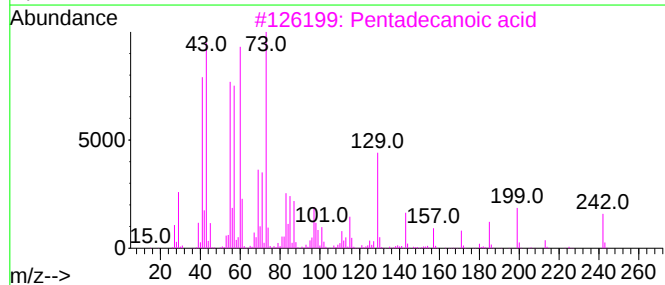
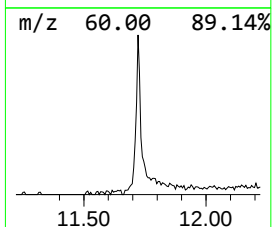
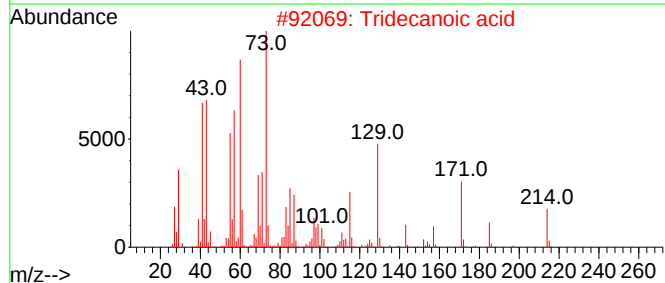
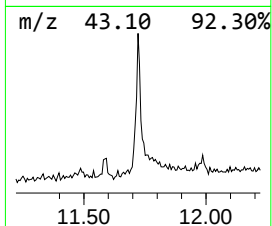
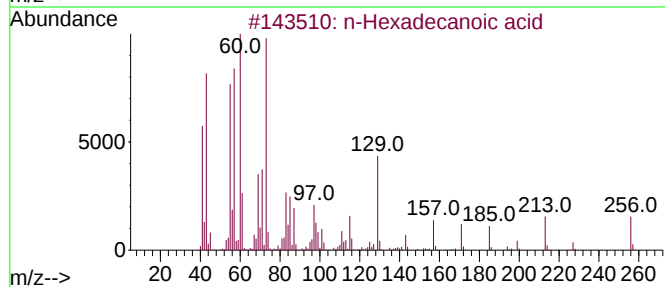
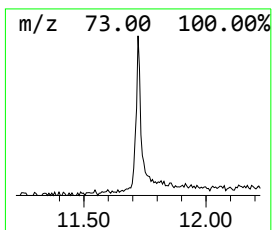
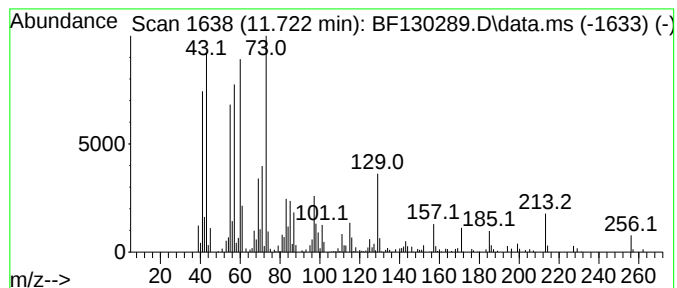
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.722	5.63 ng	203817	Phenanthrene-d10	11.186

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	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Dodecanoic acid	200	C12H24O2	000143-07-7	62



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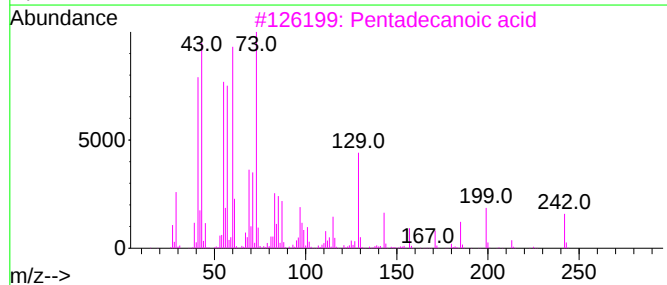
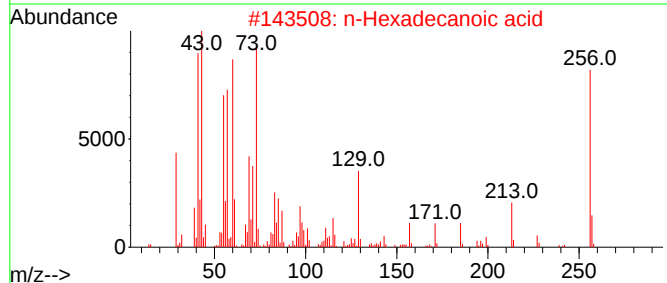
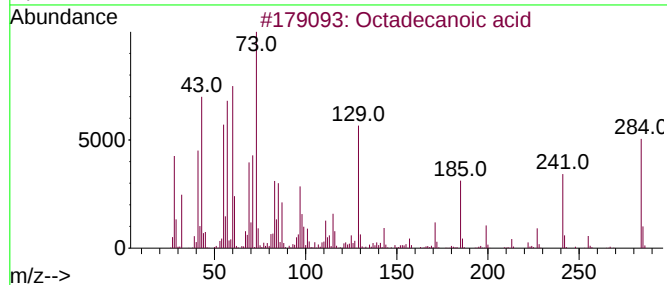
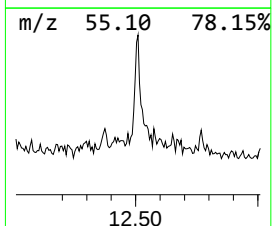
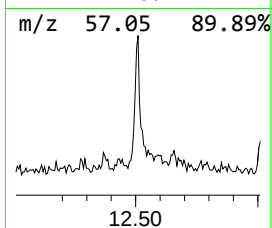
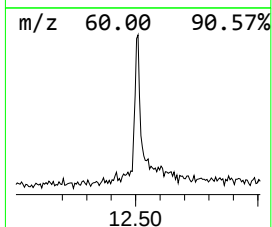
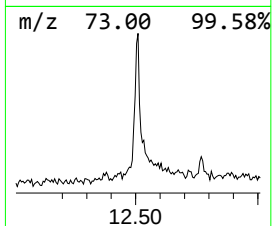
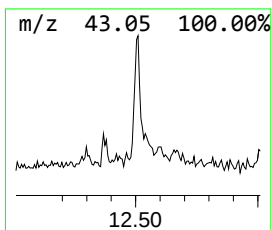
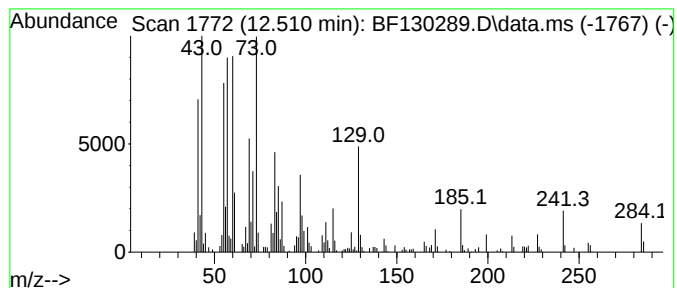
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Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	6.93 ng	162079	Chrysene-d12	13.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	62



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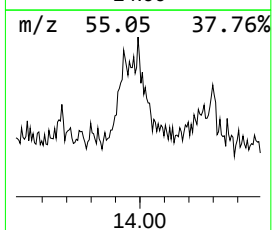
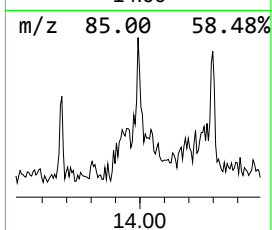
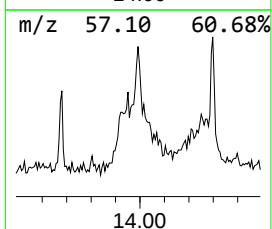
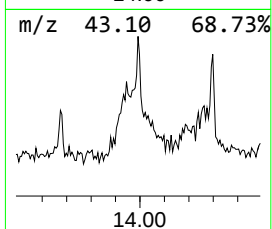
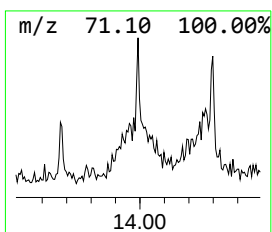
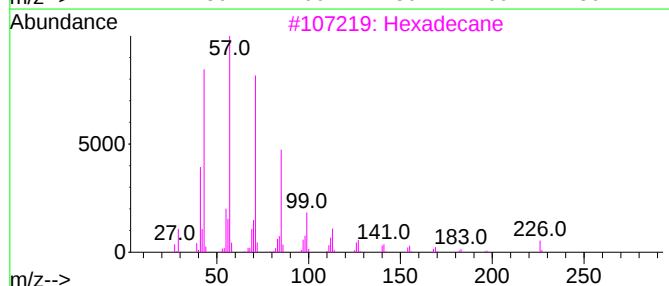
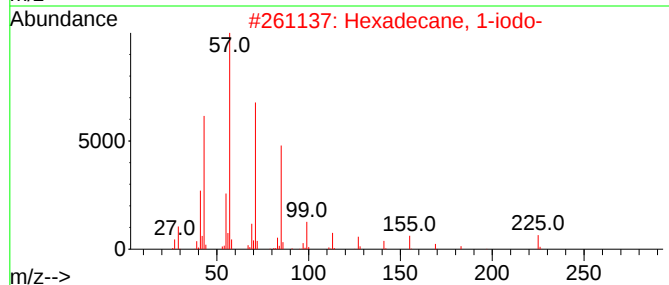
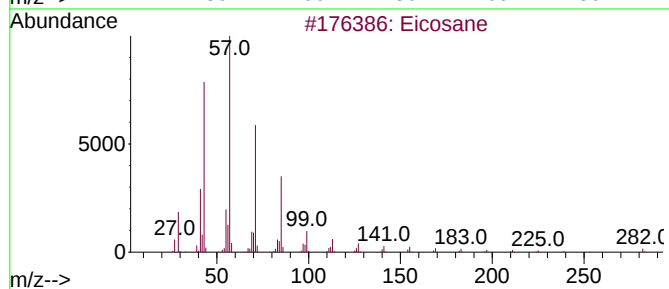
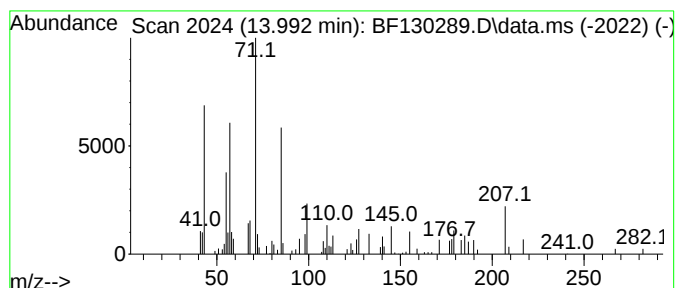
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Peak Number 3 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.992	2.53 ng	59232	Chrysene-d12	13.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	50
2			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	50
3			Hexadecane	226	C16H34	000544-76-3	50
4			Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	43
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.722	5.6	ng	203817	4	11.186	723469	20.0
Octadecanoic acid	12.510	6.9	ng	162079	5	13.810	467485	20.0
Eicosane	13.992	2.5	ng	59232	5	13.810	467485	20.0