

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016477.D
 Acq On : 02 Aug 2023 19:53
 Operator : MA/JU
 Sample : 03598-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RB-55-(0-2)

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_P\Methods\8270E-BP072723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP016477.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.587	384	391	403	rBV	6722796	9748685	50.38%	8.463%
2	7.211	659	667	683	rBV	6439717	10578741	54.67%	9.183%
3	7.658	734	743	752	rBV	138197	221705	1.15%	0.192%
4	8.075	807	814	825	rVB	2129647	3309418	17.10%	2.873%
5	9.269	1007	1017	1030	rBV	4057023	6647926	34.36%	5.771%
6	10.905	1286	1295	1304	rBV	2852445	4832074	24.97%	4.195%
7	13.346	1698	1710	1721	rBV	10479350	15253211	78.83%	13.241%
8	14.722	1935	1944	1953	rBV	4420925	6393083	33.04%	5.550%
9	16.216	2188	2198	2213	rBV	7700094	11181088	57.79%	9.706%
10	17.187	2358	2363	2368	rBV	221520	269036	1.39%	0.234%
11	17.486	2408	2414	2420	rBV	5380023	7680336	39.69%	6.667%
12	17.598	2428	2433	2441	rVB4	167773	246693	1.27%	0.214%
13	18.334	2553	2558	2565	rBV	726916	1127087	5.82%	0.978%
14	18.598	2599	2603	2609	rVB	371029	419120	2.17%	0.364%
15	19.486	2750	2754	2759	rVB	238307	308925	1.60%	0.268%
16	19.563	2763	2767	2775	rBV	322842	486723	2.52%	0.423%
17	19.775	2799	2803	2806	rVB	475634	489092	2.53%	0.425%
18	19.845	2811	2815	2820	rVB	215527	283955	1.47%	0.247%
19	20.033	2842	2847	2853	rBV	15703855	19349378	100.00%	16.797%
20	20.780	2970	2974	2980	rVB	604292	646774	3.34%	0.561%
21	21.245	3049	3053	3059	rBV	645082	873425	4.51%	0.758%
22	21.586	3105	3111	3116	rBV	4997337	6849105	35.40%	5.946%
23	21.692	3126	3129	3135	rVB	594078	679442	3.51%	0.590%
24	22.716	3299	3303	3314	rVB	434040	686654	3.55%	0.596%
25	24.016	3520	3524	3529	rBV	278381	474545	2.45%	0.412%
26	24.180	3544	3552	3572	rVB	2811605	6158002	31.83%	5.346%

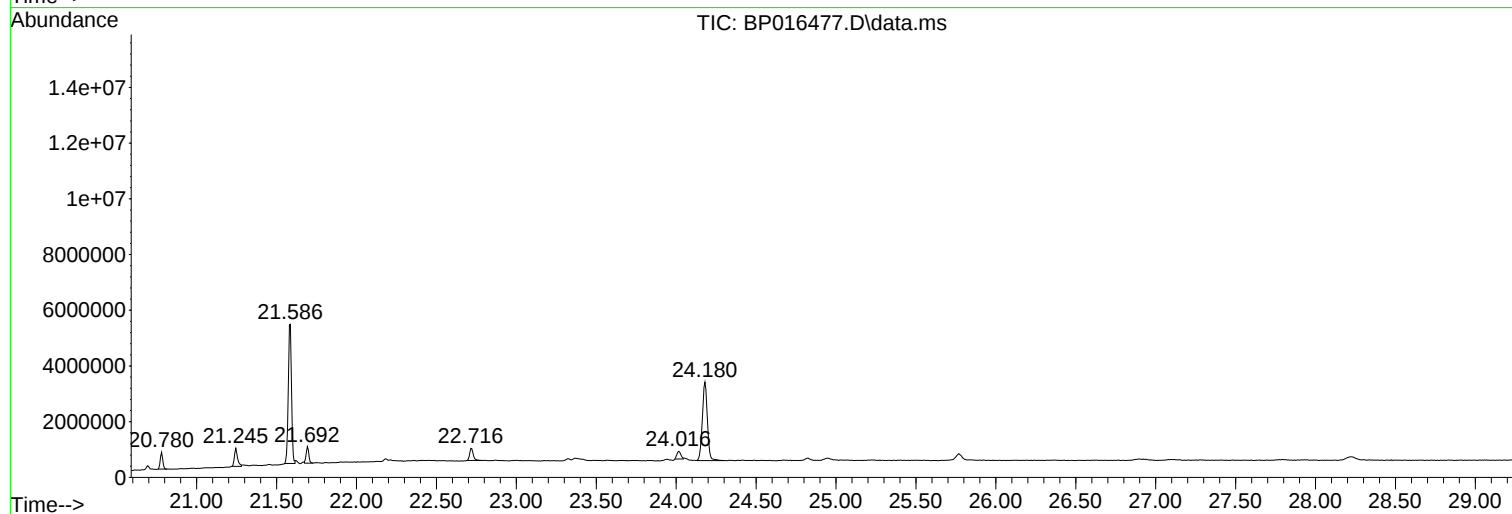
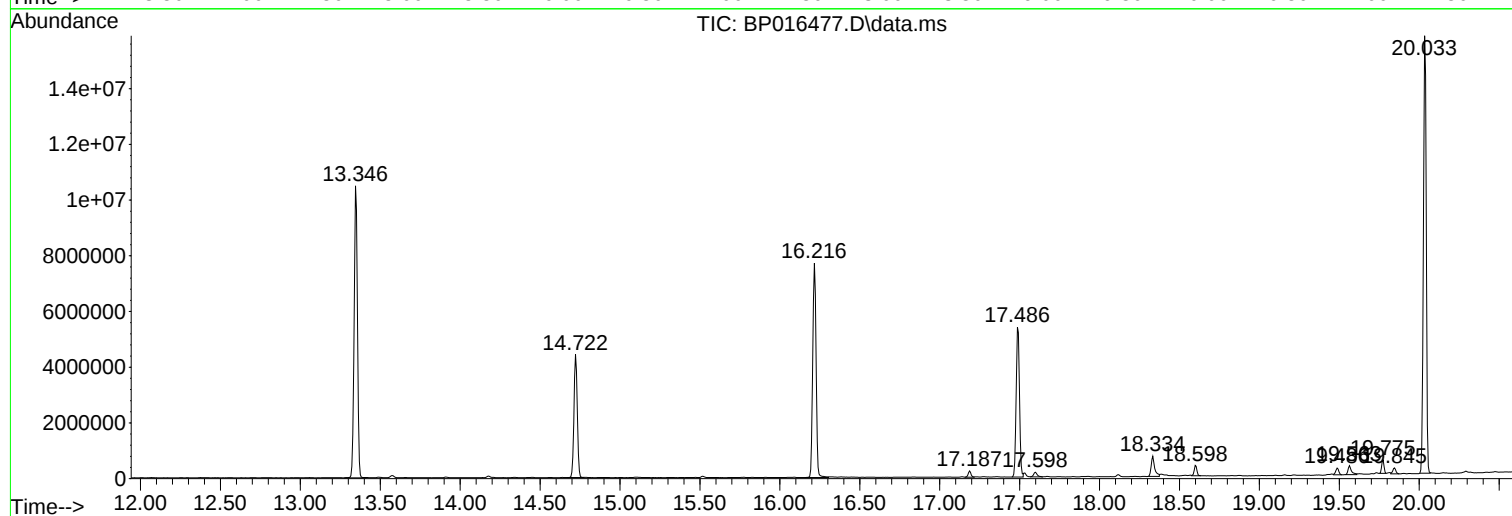
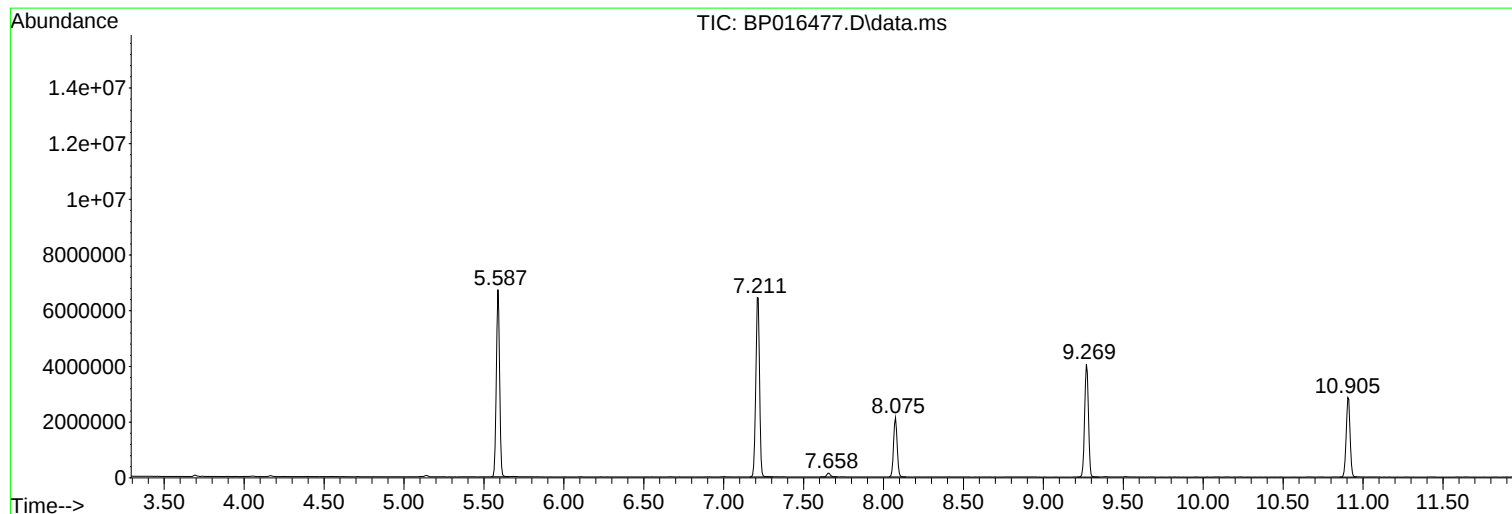
Sum of corrected areas: 115194223

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.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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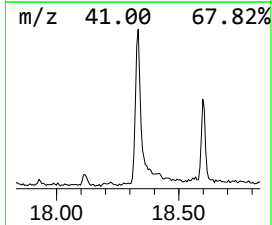
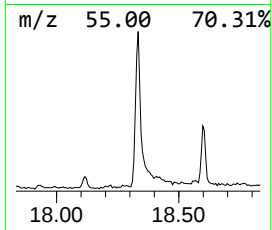
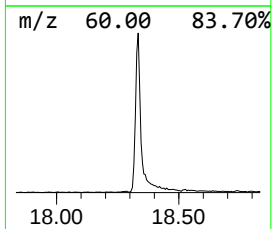
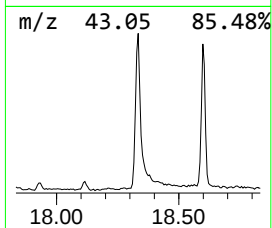
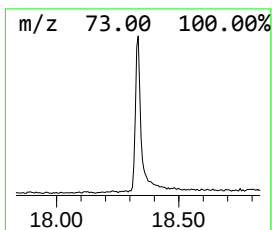
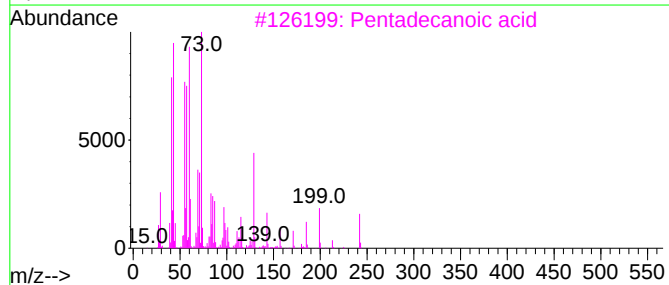
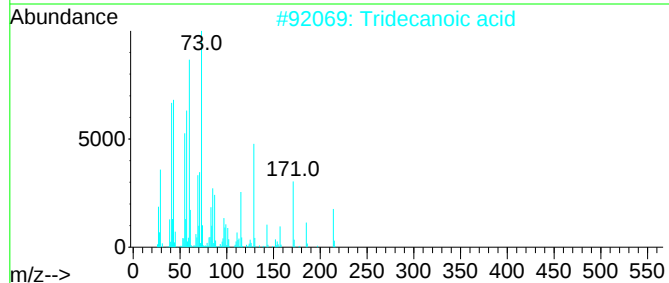
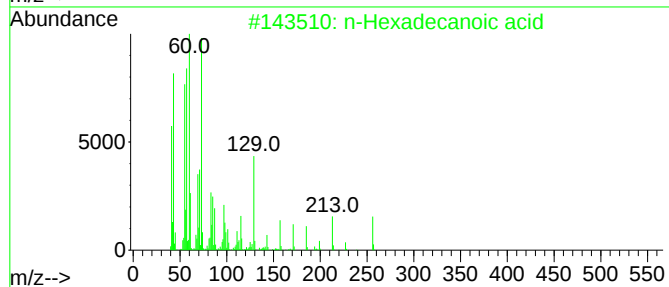
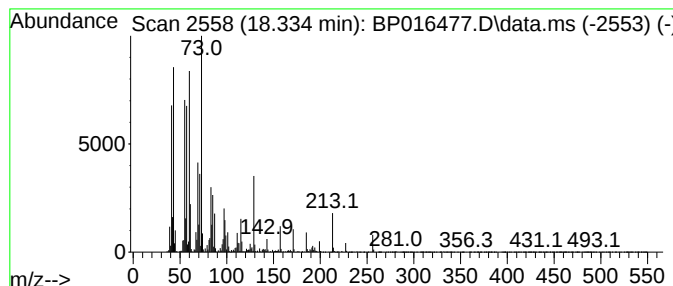
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	2.93 ng	1127090	Phenanthrene-d10	17.486

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	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Dodecanoic acid	200	C12H24O2	000143-07-7	72



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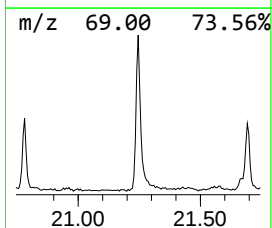
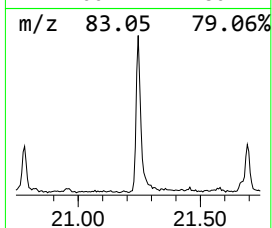
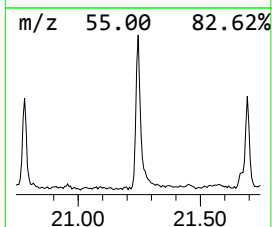
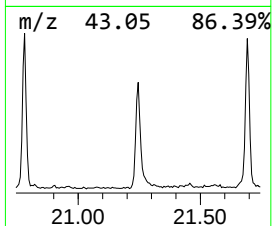
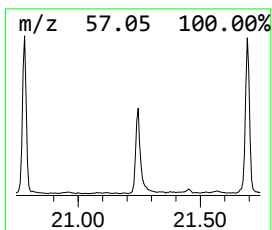
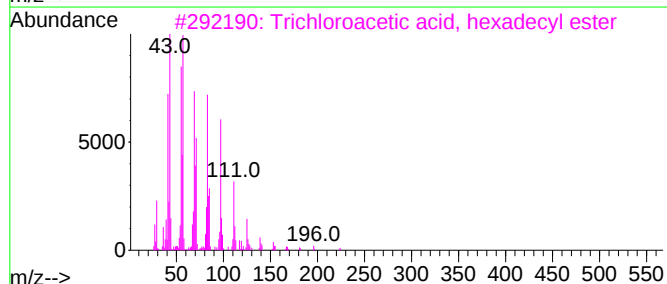
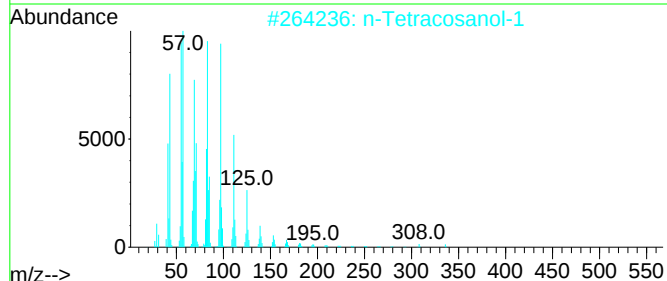
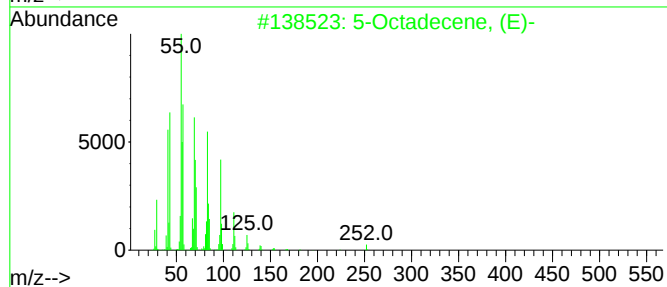
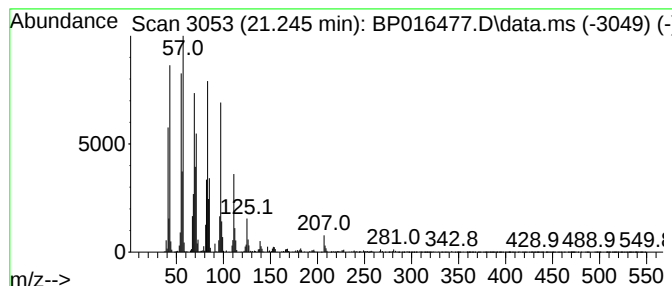
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Peak Number 2 5-Octadecene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	2.55 ng	873425	Chrysene-d12	21.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4			Behenic alcohol	326	C22H46O	000661-19-8	91
5			1-Heneicosyl formate	340	C22H44O2	077899-03-7	91



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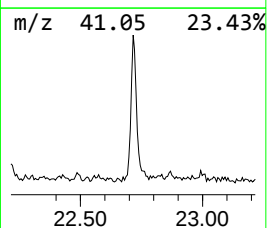
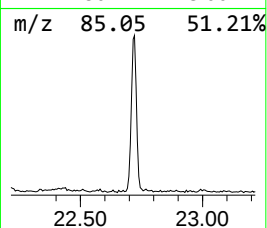
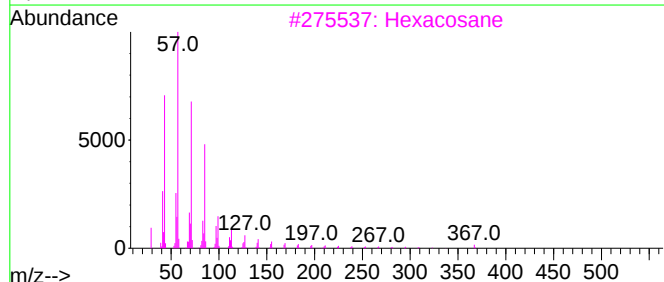
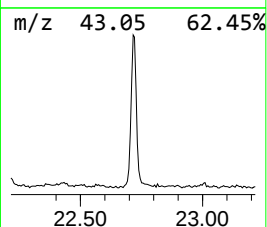
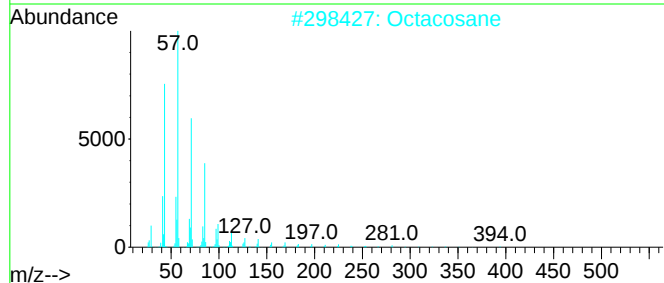
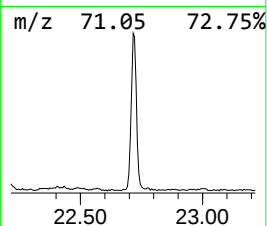
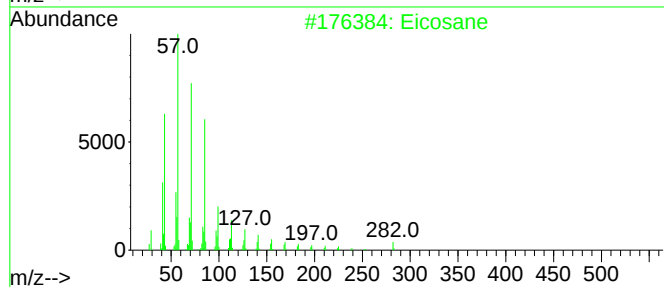
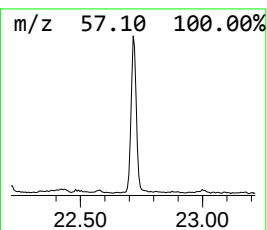
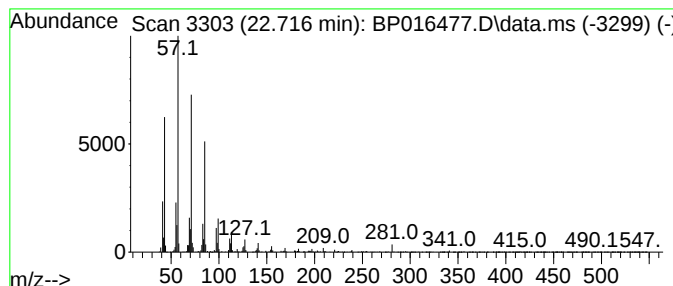
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Peak Number 3 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.716	2.01 ng	686654	Chrysene-d12	21.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Octacosane	394	C28H58	000630-02-4	93
3			Hexacosane	366	C26H54	000630-01-3	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Heneicosane	296	C21H44	000629-94-7	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.334	2.9	ng	1127090	4	17.486	7680340	20.0
5-Octadecene, (E)-	21.245	2.5	ng	873425	5	21.586	6849110	20.0
Eicosane	22.716	2.0	ng	686654	5	21.586	6849110	20.0