

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134870.D
 Acq On : 21 Aug 2023 16:30
 Operator : CG\JU
 Sample : 04086-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP13A

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-BF080123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134870.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.869	300	303	308	rVB	25676	33192	1.09%	0.151%
2	5.428	563	568	571	rBV	2991756	2754109	90.61%	12.545%
3	6.434	734	739	742	rBV	2767500	2755241	90.65%	12.550%
4	6.793	796	800	803	rBV	1244256	972145	31.98%	4.428%
5	7.351	890	895	898	rBV	1925803	1784603	58.71%	8.129%
6	8.069	1013	1017	1022	rBV	1560303	1280760	42.14%	5.834%
7	9.145	1196	1200	1204	rBV	3336060	3039547	100.00%	13.845%
8	9.263	1216	1220	1224	rVB	33327	31873	1.05%	0.145%
9	9.822	1312	1315	1319	rBV	1401409	1282177	42.18%	5.840%
10	10.616	1446	1450	1453	rBV	1941549	1642250	54.03%	7.480%
11	11.316	1565	1569	1572	rBV	1295366	1098854	36.15%	5.005%
12	11.851	1656	1660	1664	rBV	336923	327271	10.77%	1.491%
13	12.369	1745	1748	1751	rBV	34208	35590	1.17%	0.162%
14	12.527	1772	1775	1779	rBV	84357	88771	2.92%	0.404%
15	12.639	1790	1794	1801	rBV2	84956	117162	3.85%	0.534%
16	12.757	1809	1814	1817	rBV	113420	112426	3.70%	0.512%
17	12.910	1836	1840	1843	rBV	2746331	2308240	75.94%	10.514%
18	13.816	1990	1994	2002	rBV2	208056	232547	7.65%	1.059%
19	13.963	2014	2019	2022	rBV	1030300	1043248	34.32%	4.752%
20	14.451	2099	2102	2104	rBV4	42189	50141	1.65%	0.228%
21	15.004	2193	2196	2199	rBV	55037	77504	2.55%	0.353%
22	15.368	2255	2258	2264	rBV	51782	84491	2.78%	0.385%
23	15.433	2264	2269	2281	rVB	566796	801948	26.38%	3.653%

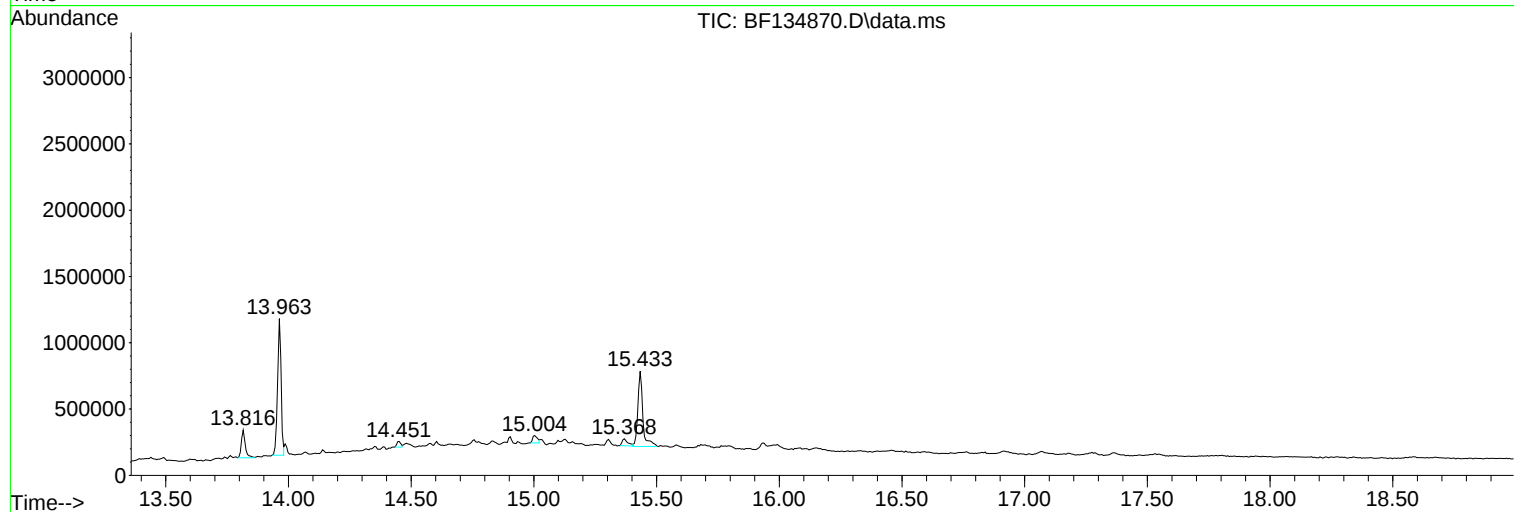
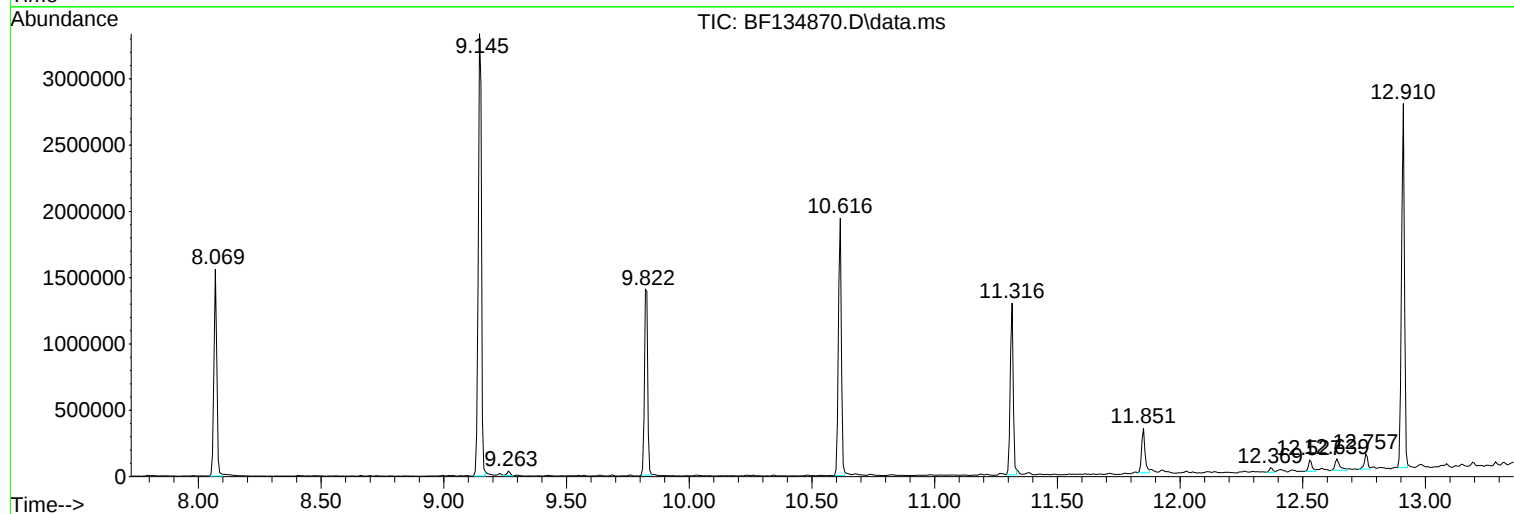
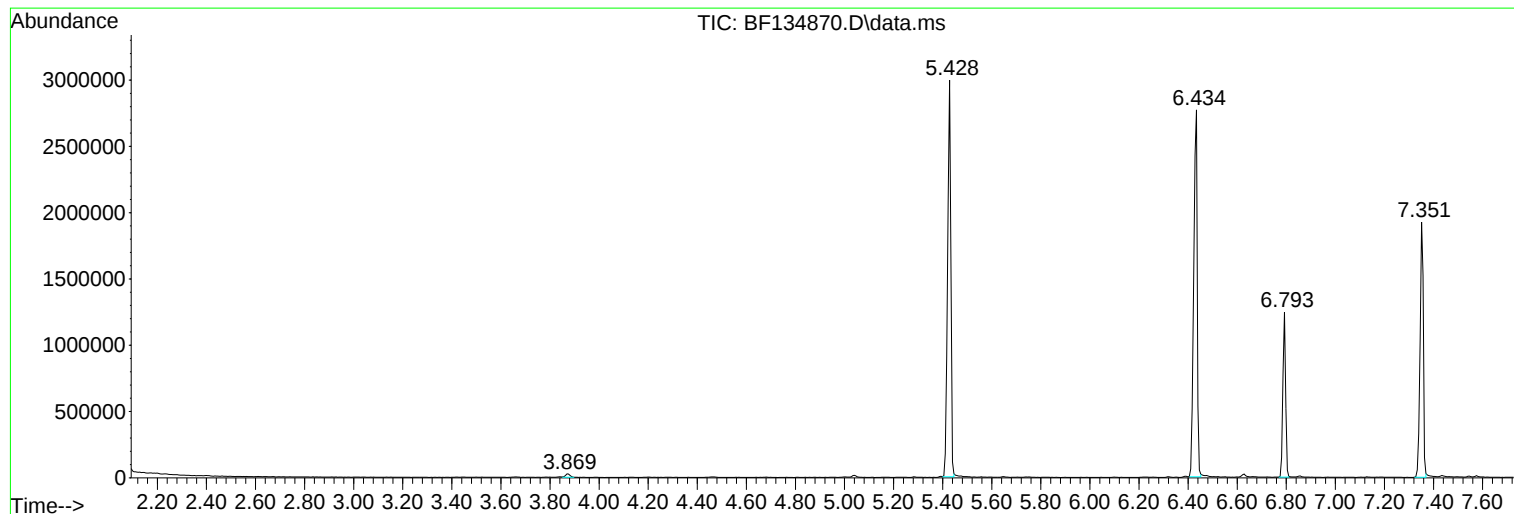
Sum of corrected areas: 21954090

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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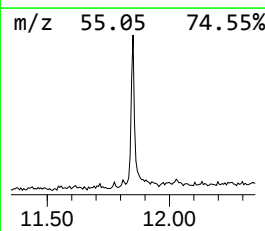
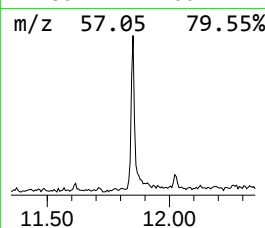
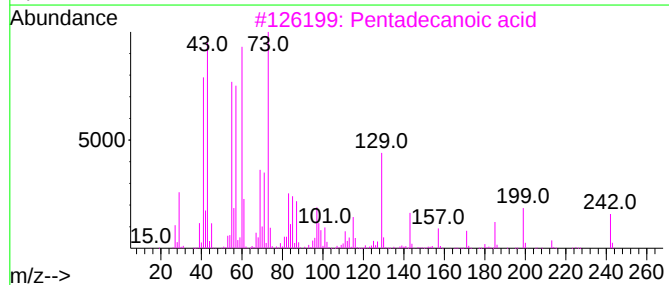
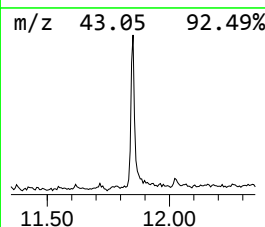
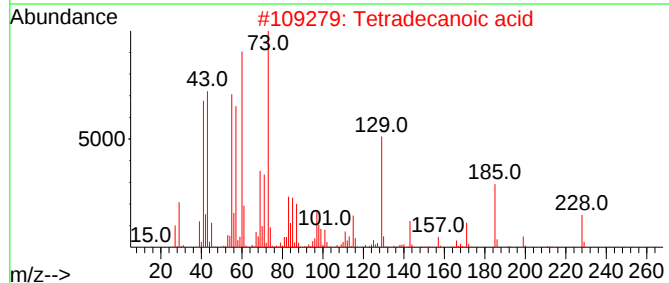
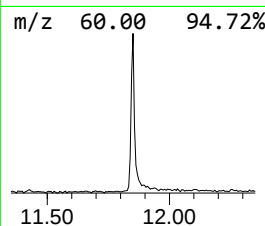
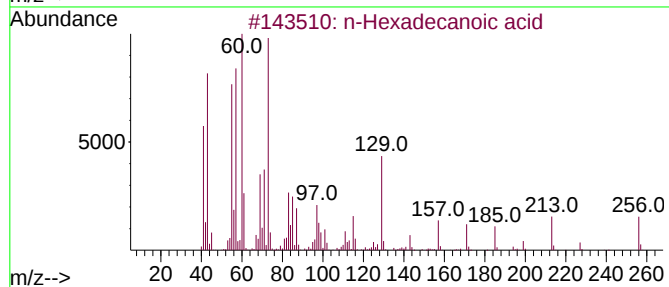
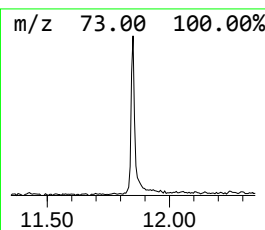
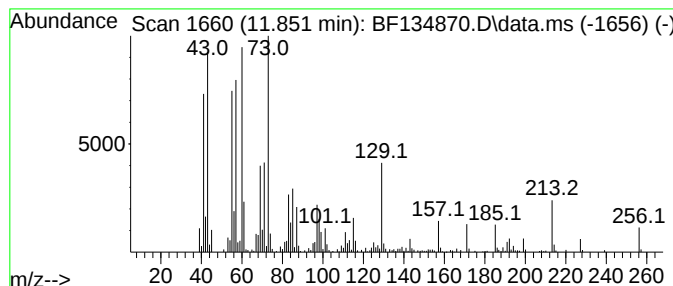
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.851	5.96 ng	327271	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	83
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



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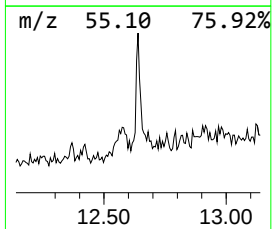
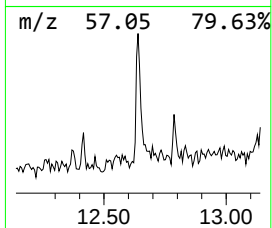
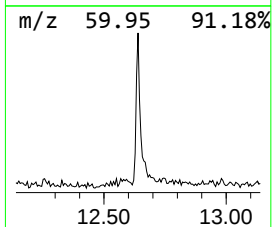
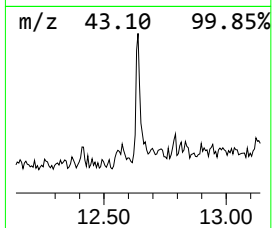
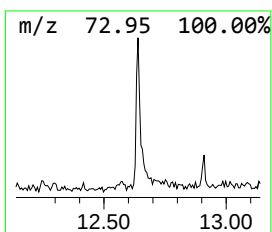
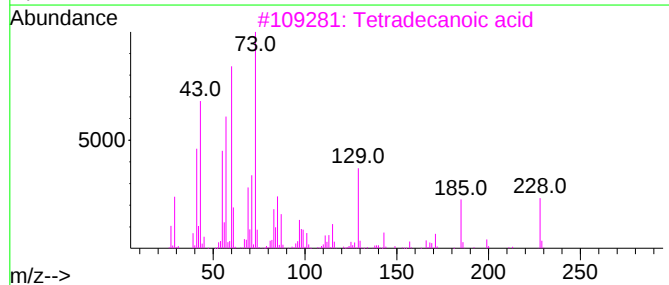
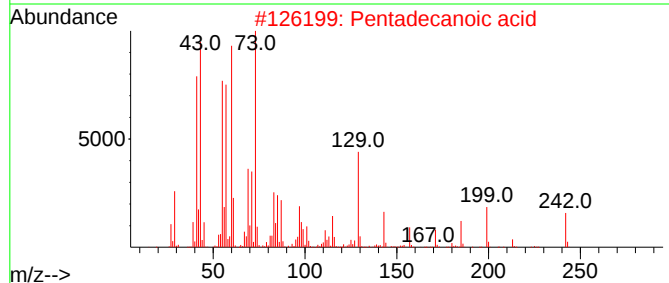
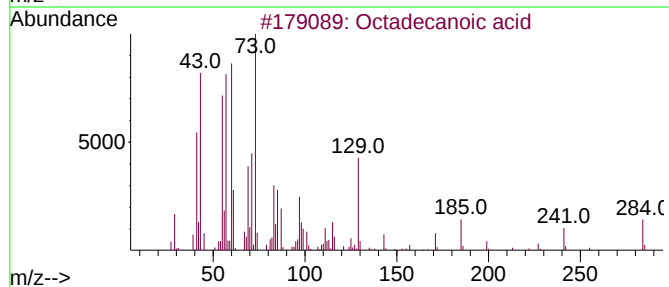
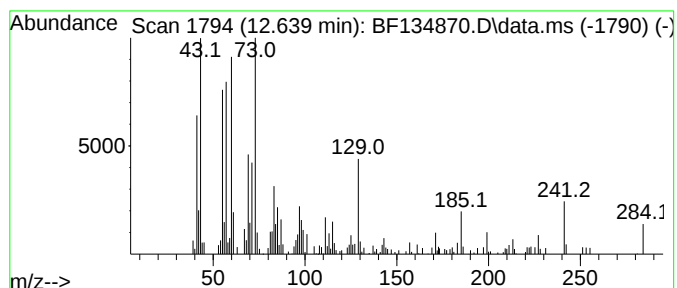
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Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.639	2.13 ng	117162	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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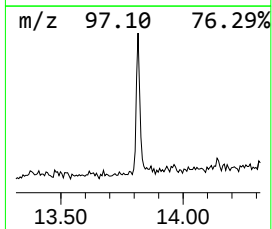
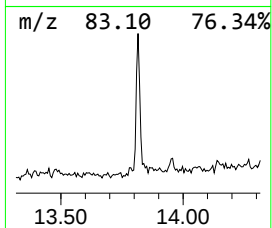
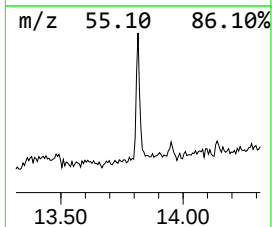
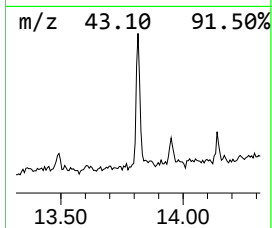
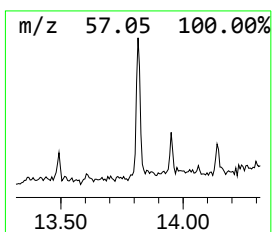
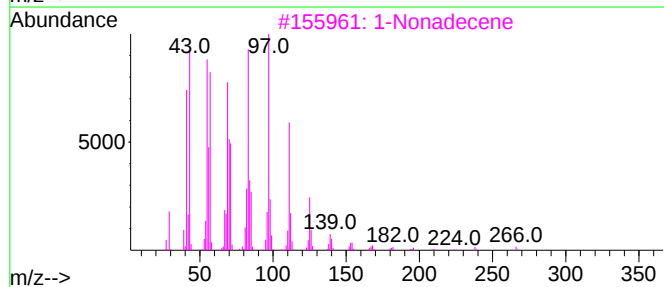
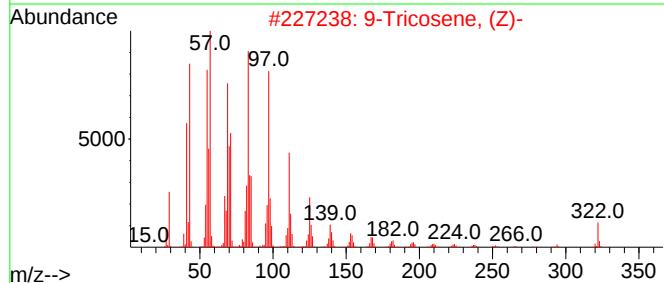
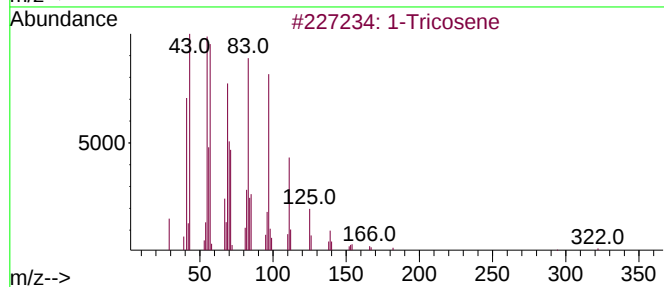
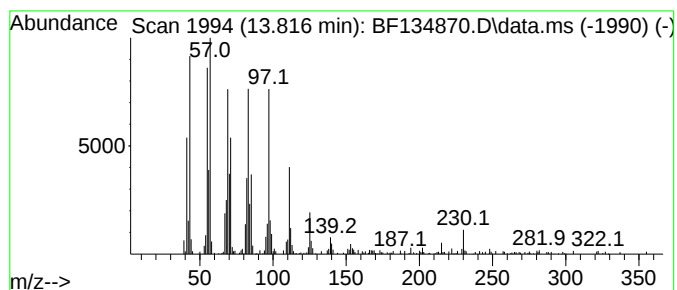
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Peak Number 4 1-Tricosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.816	4.46 ng	232547	Chrysene-d12	13.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	99
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	99
3	1-Nonadecene	266	C19H38	018435-45-5	97
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	1-Hexacosene	364	C26H52	018835-33-1	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.851	6.0	ng	327271	4	11.316	1098850	20.0
Octadecanoic acid	12.639	2.1	ng	117162	4	11.316	1098850	20.0
1-Tricosene	13.816	4.5	ng	232547	5	13.963	1043250	20.0