

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081523\
 Data File : BM041407.D
 Acq On : 15 Aug 2023 15:50
 Operator : MA/JU
 Sample : 04016-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-PP12

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: BM041407.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	360	366	387	rBV	1802087	2571271	57.07%	8.255%
2	6.945	632	639	656	rBV	1619451	2615006	58.04%	8.396%
3	7.763	772	778	787	rBV	579754	897290	19.92%	2.881%
4	8.939	971	978	999	rBV	954576	1631247	36.21%	5.237%
5	10.569	1245	1255	1268	rBV	656781	1159758	25.74%	3.723%
6	13.045	1668	1676	1690	rBV	2442584	3482162	77.29%	11.180%
7	14.427	1904	1911	1927	rBV	963364	1402623	31.13%	4.503%
8	15.927	2158	2166	2176	rBV	1865252	2630570	58.39%	8.445%
9	17.186	2373	2380	2396	rBV	1104846	1601964	35.56%	5.143%
10	18.092	2528	2534	2556	rBV	1248361	2088631	46.36%	6.706%
11	19.233	2724	2728	2729	rBV2	34281	45130	1.00%	0.145%
12	19.256	2729	2732	2739	rVB	104460	160234	3.56%	0.514%
13	19.374	2747	2752	2771	rBV	692719	1219485	27.07%	3.915%
14	19.621	2791	2794	2803	rVB	74191	122294	2.71%	0.393%
15	19.827	2823	2829	2839	rBV	3799449	4505420	100.00%	14.465%
16	20.627	2962	2965	2970	rBV3	45177	55278	1.23%	0.177%
17	21.097	3041	3045	3054	rBV2	301814	452281	10.04%	1.452%
18	21.303	3076	3080	3086	rBV	361269	423991	9.41%	1.361%
19	21.397	3090	3096	3100	rBV	1419542	1962593	43.56%	6.301%
20	23.756	3491	3497	3505	rVB	1092436	2120427	47.06%	6.808%

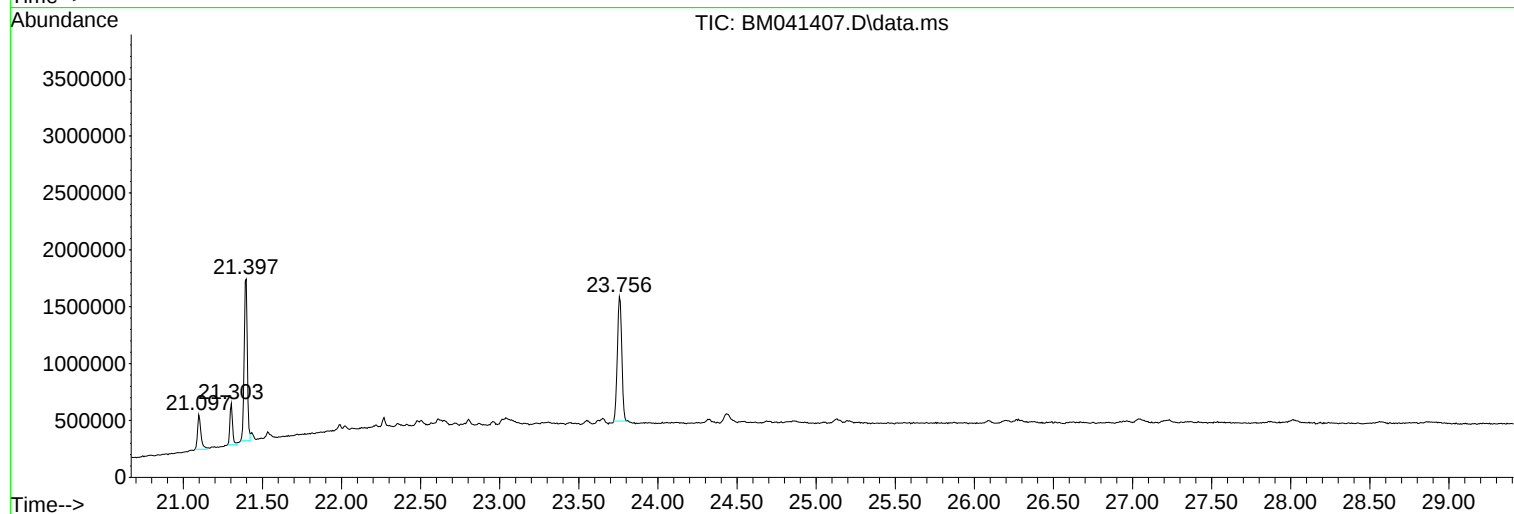
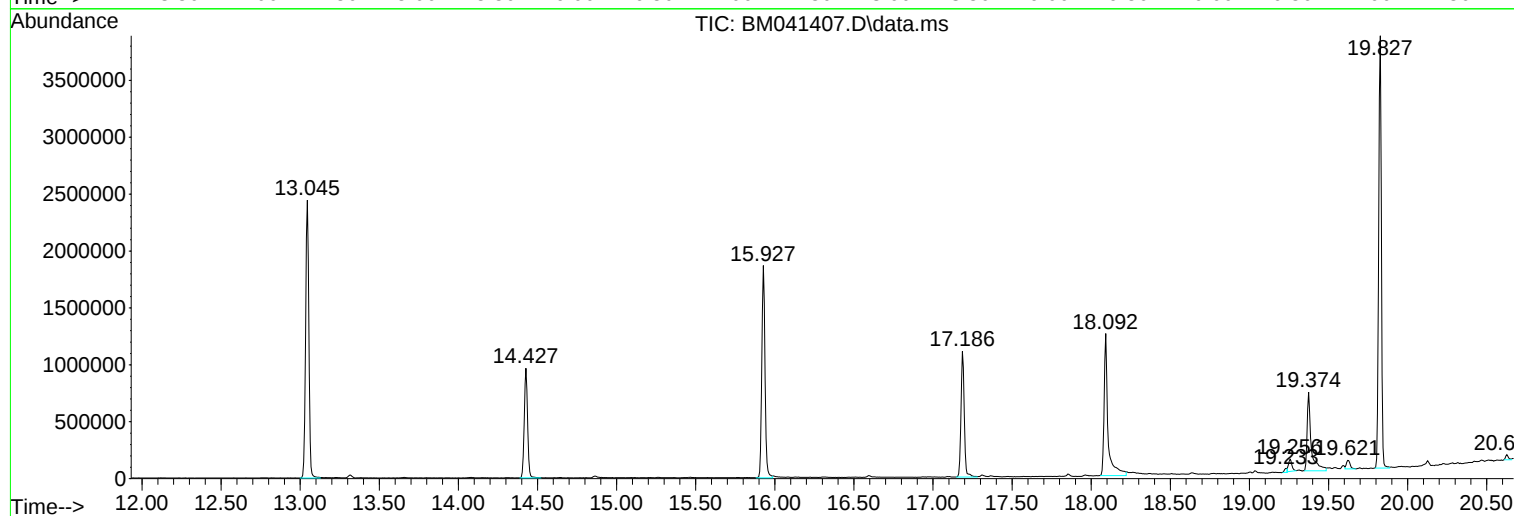
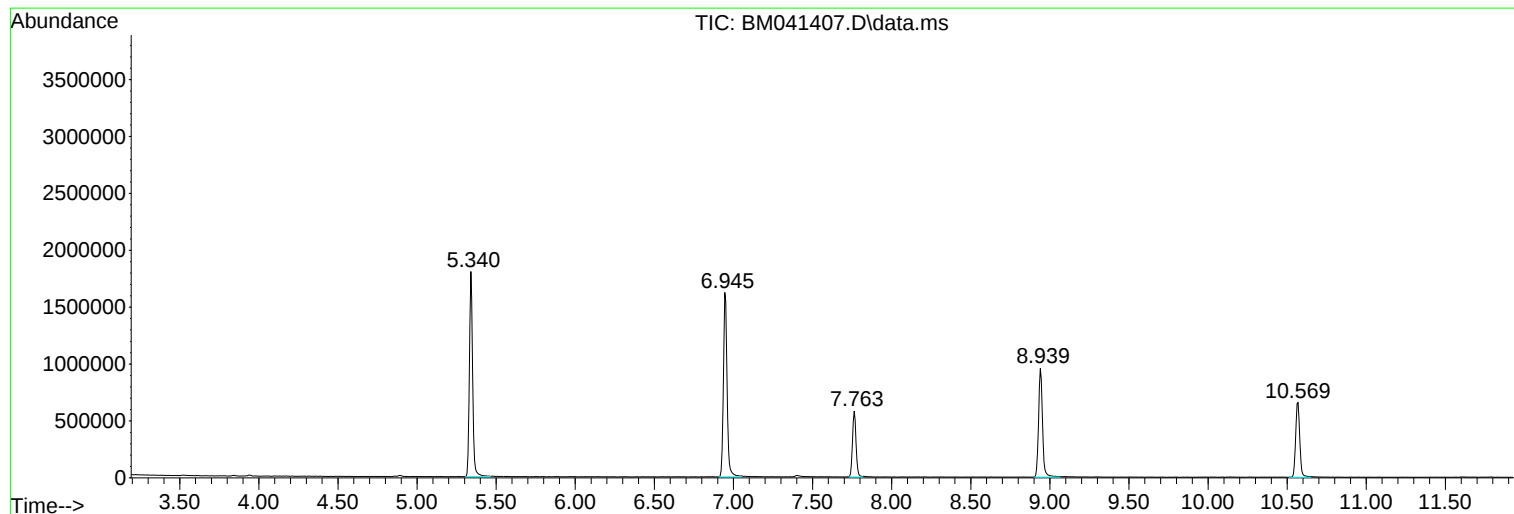
Sum of corrected areas: 31147655

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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



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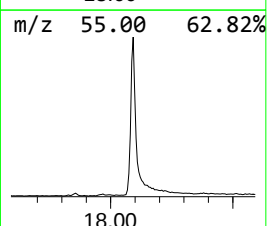
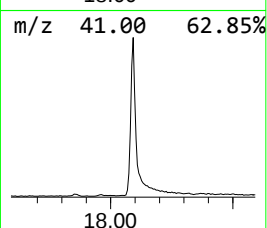
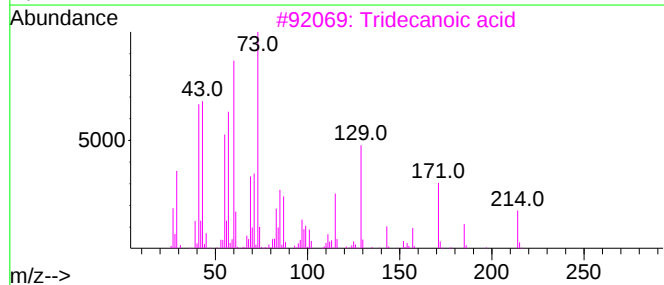
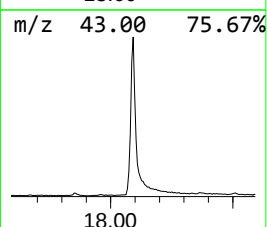
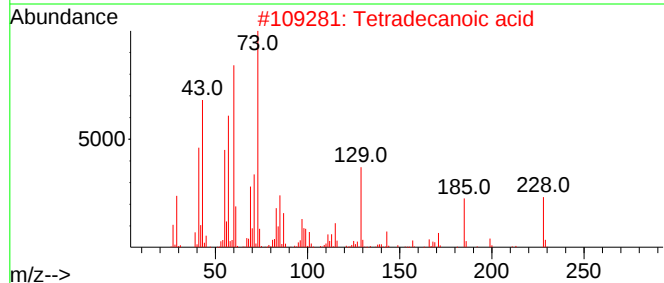
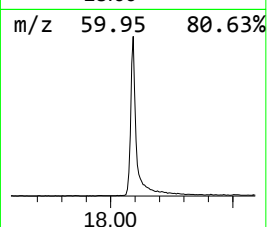
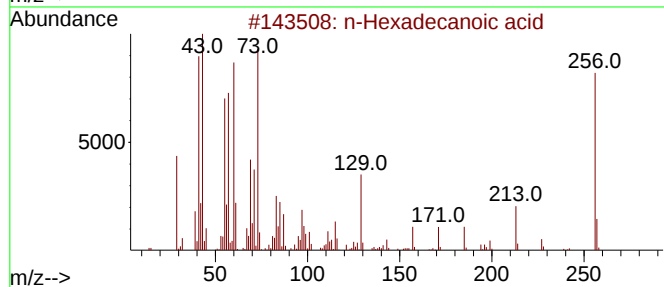
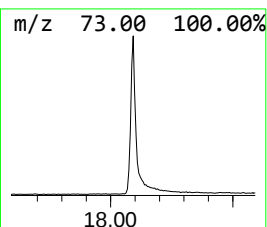
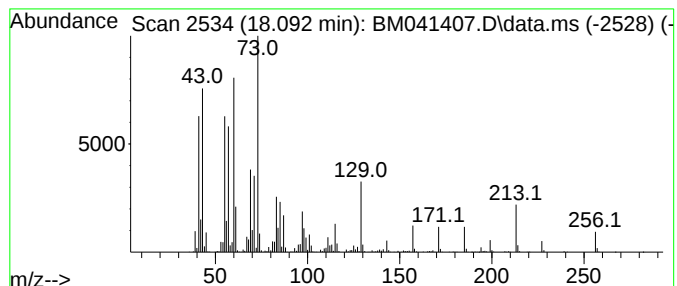
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
18.092	26.08 ng	2088630	Phenanthrene-d10	17.186

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	94
3			Tridecanoic acid	214	C13H26O2	000638-53-9	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			n-Decanoic acid	172	C10H20O2	000334-48-5	47



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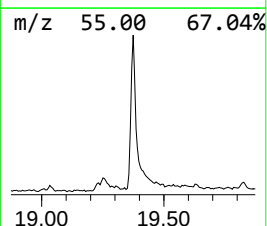
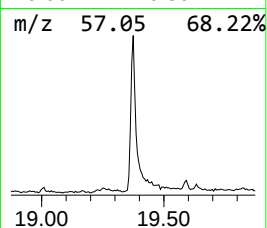
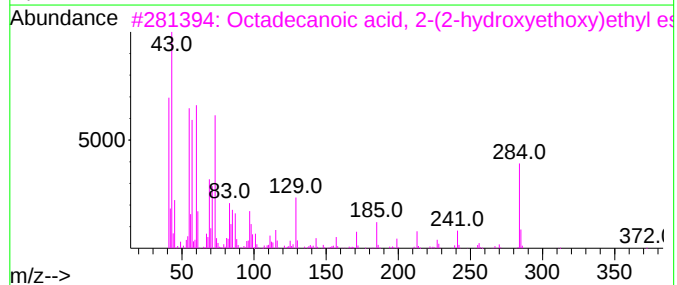
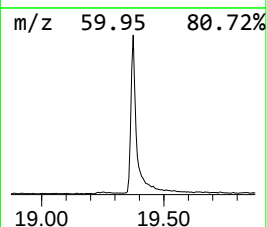
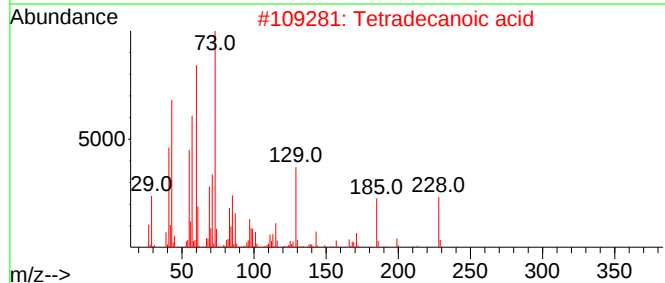
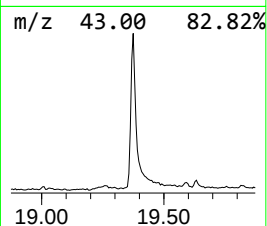
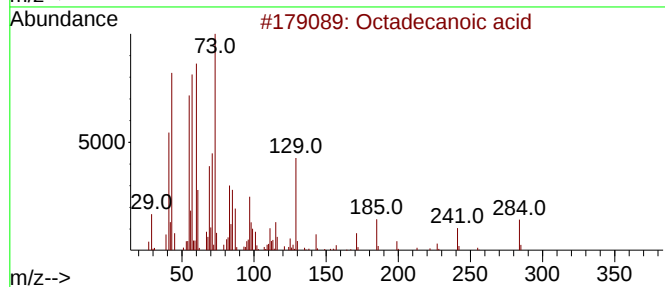
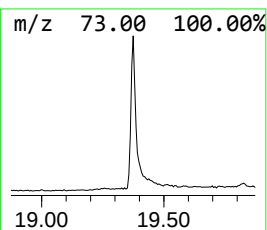
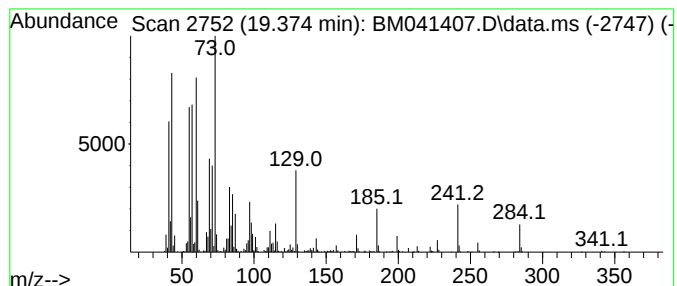
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.374	12.43 ng	1219490	Chrysene-d12	21.397

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	87
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



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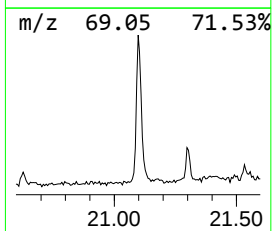
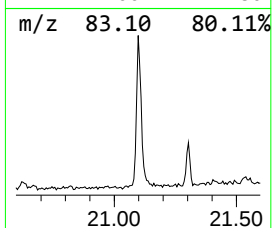
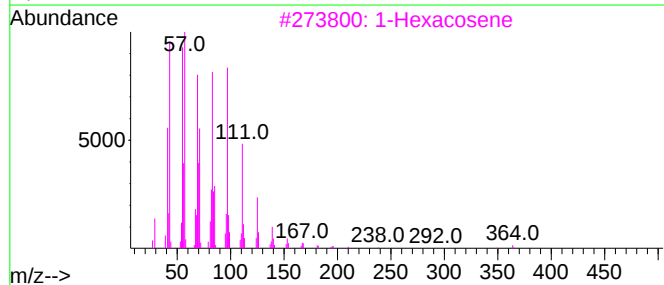
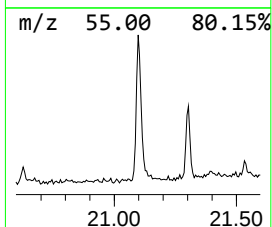
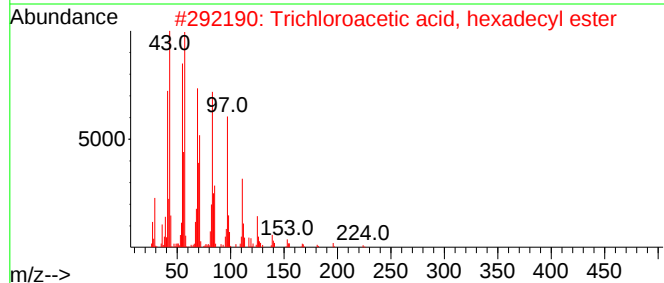
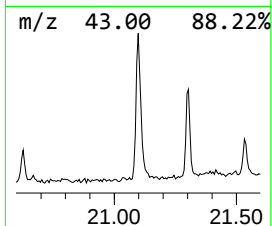
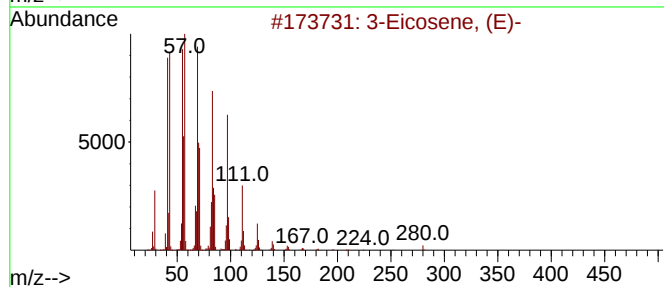
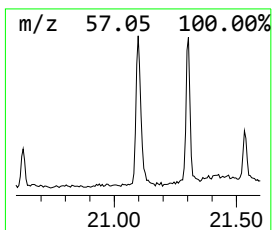
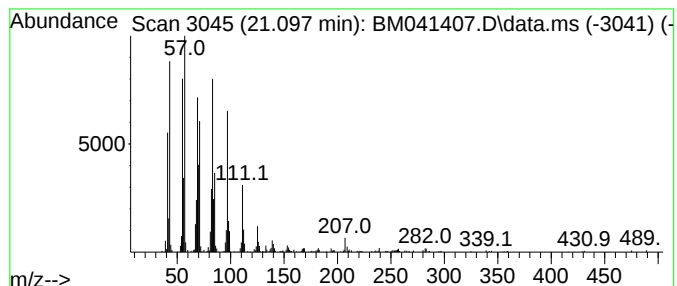
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Peak Number 4 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.098	4.61 ng	452281	Chrysene-d12	21.397

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		1-Hexacosene	364	C26H52	018835-33-1	91
4		1-Hexacosanol	382	C26H54O	000506-52-5	91
5		Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	91



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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 ...	18.092	26.1	ng	2088630	4	17.186	1601960	20.0
Octadecanoic acid	19.374	12.4	ng	1219490	5	21.397	1962590	20.0
3-Eicosene, (E)-	21.098	4.6	ng	452281	5	21.397	1962590	20.0