

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112020\
 Data File : BF122416.D
 Acq On : 20 Nov 2020 21:54
 Operator : JU/CG
 Sample : L4829-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

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-BF110920.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122416.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	572	577	580	rBV	2749471	2572134	31.95%	5.975%
2	6.486	744	748	762	rBV2	1730262	1870126	23.23%	4.344%
3	6.863	808	812	815	rBV	1598994	1246519	15.48%	2.896%
4	7.428	902	908	911	rBV	4152400	3937879	48.92%	9.148%
5	7.633	939	943	946	rVB	135003	112558	1.40%	0.261%
6	8.151	1027	1031	1034	rBV	1873097	1630744	20.26%	3.788%
7	9.227	1209	1214	1218	rBV	7161870	7190749	89.32%	16.705%
8	9.622	1277	1281	1284	rBV	273230	247026	3.07%	0.574%
9	9.910	1325	1330	1333	rBV	2107908	1995731	24.79%	4.636%
10	10.698	1459	1464	1467	rBV	5222442	4984516	61.92%	11.579%
11	11.392	1578	1582	1586	rBV	2299155	2124317	26.39%	4.935%
12	11.927	1670	1673	1685	rBV2	321349	437469	5.43%	1.016%
13	12.380	1746	1750	1753	rBV	105735	90728	1.13%	0.211%
14	12.715	1804	1807	1817	rBV	169622	259812	3.23%	0.604%
15	12.992	1848	1854	1857	rBV	7839521	8050383	100.00%	18.702%
16	13.892	2003	2007	2024	rBV	676646	1227835	15.25%	2.852%
17	14.039	2028	2032	2036	rBV	2610289	2337499	29.04%	5.430%
18	14.515	2108	2113	2115	rBV2	74316	87425	1.09%	0.203%
19	15.174	2221	2225	2229	rBV	75922	81735	1.02%	0.190%
20	15.521	2278	2284	2288	rBV	1880717	2341805	29.09%	5.440%
21	16.068	2372	2377	2386	rBV6	68572	219251	2.72%	0.509%

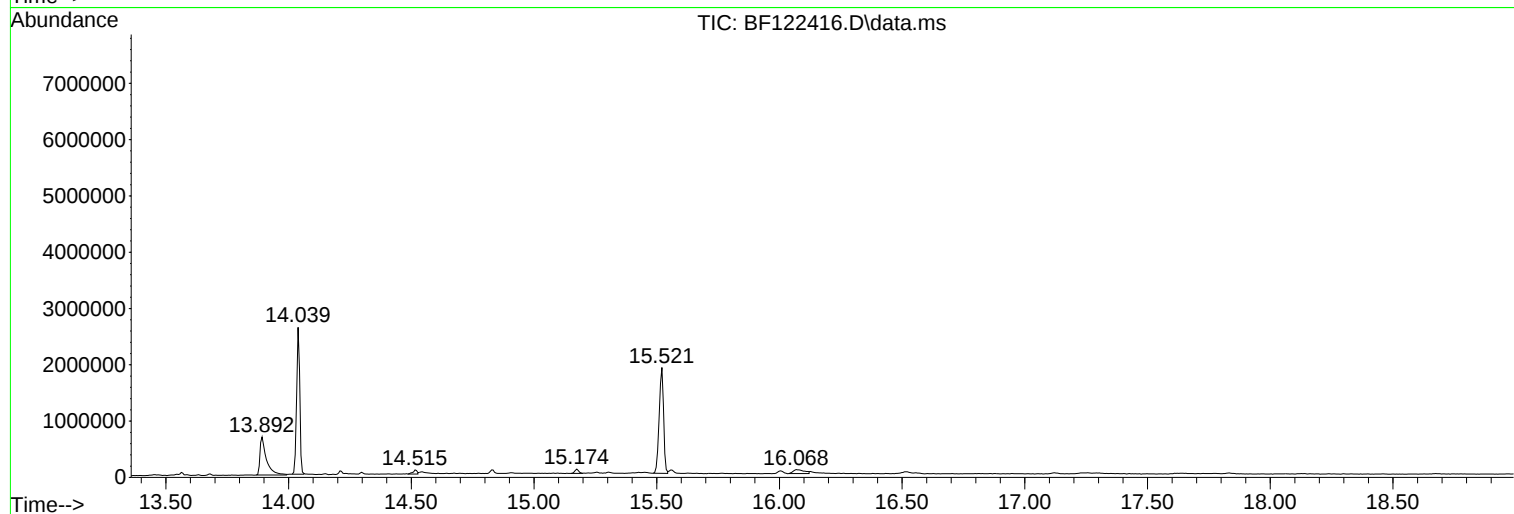
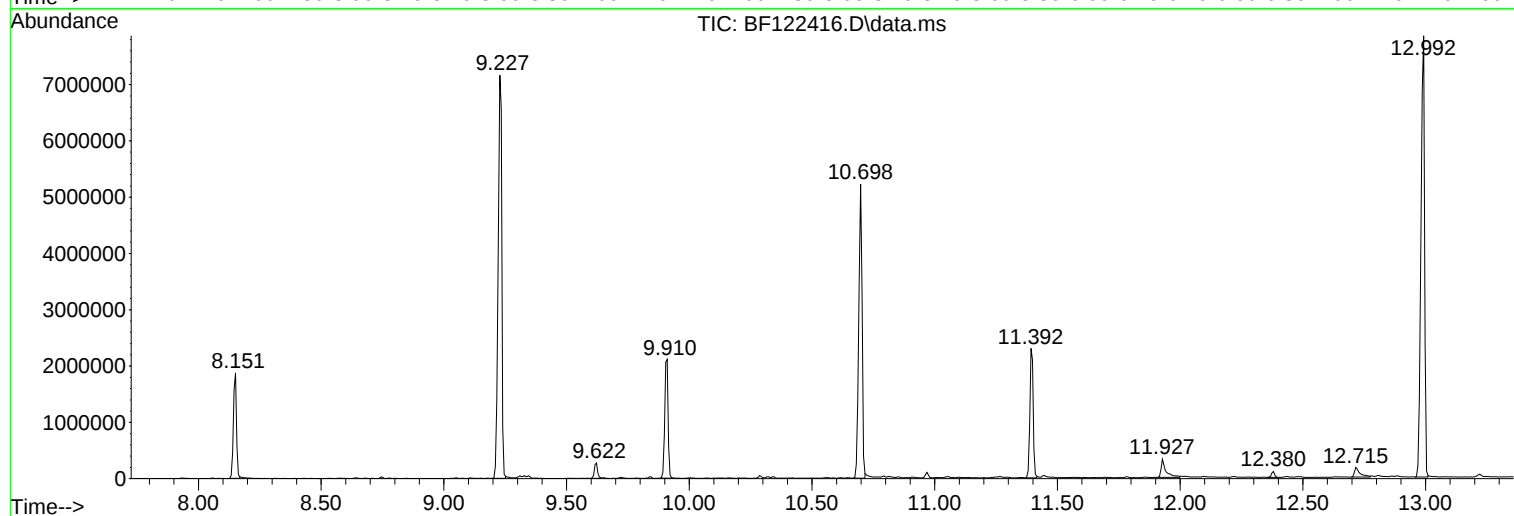
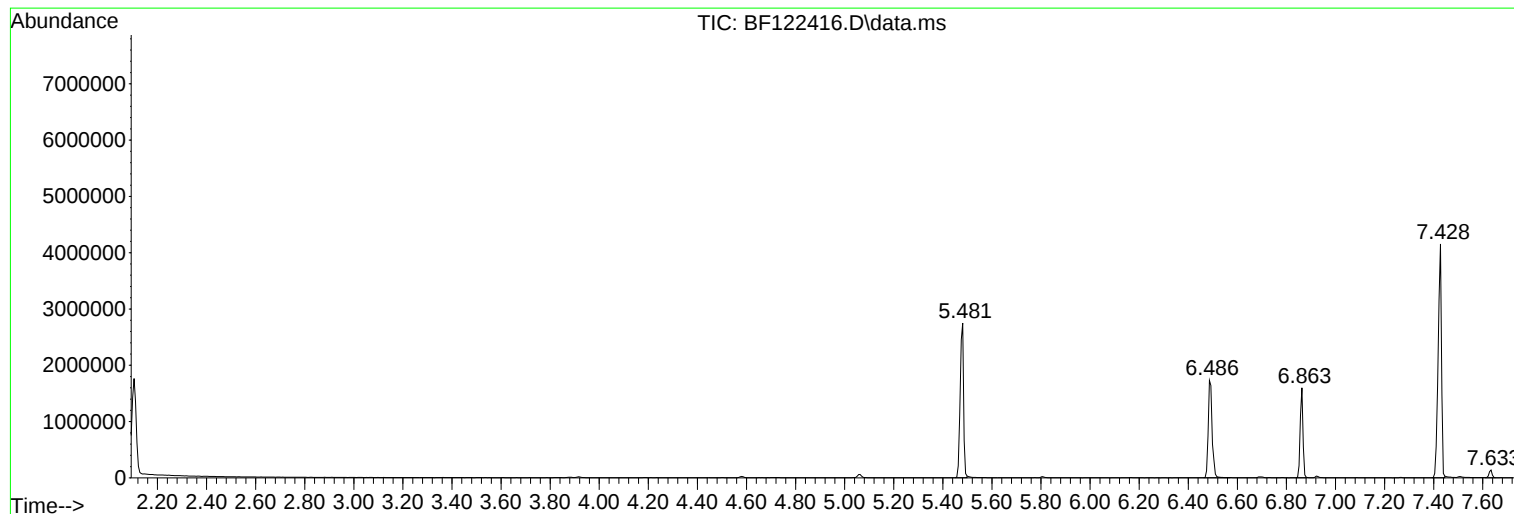
Sum of corrected areas: 43046241

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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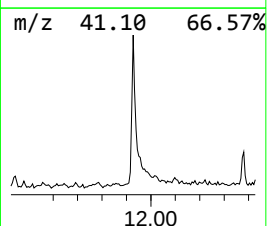
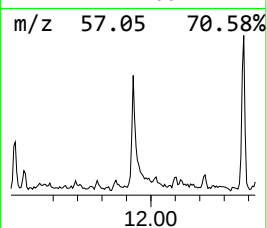
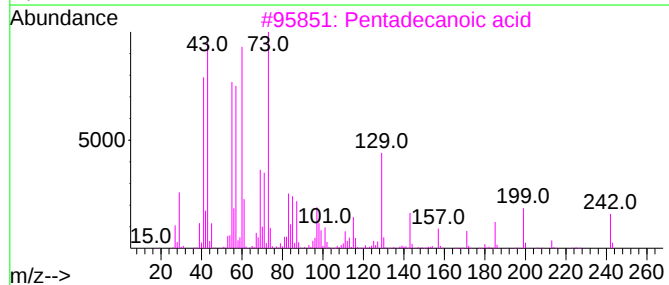
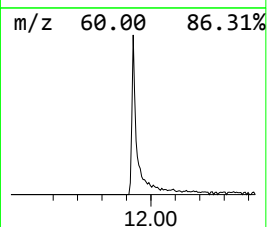
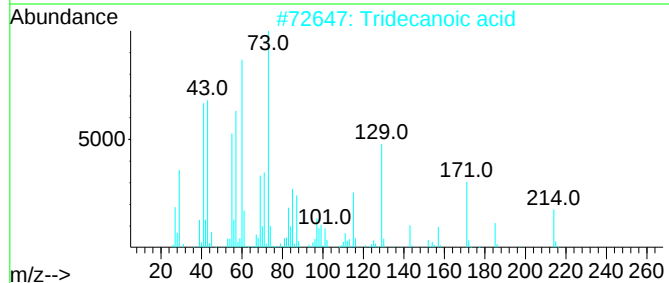
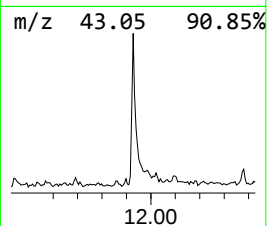
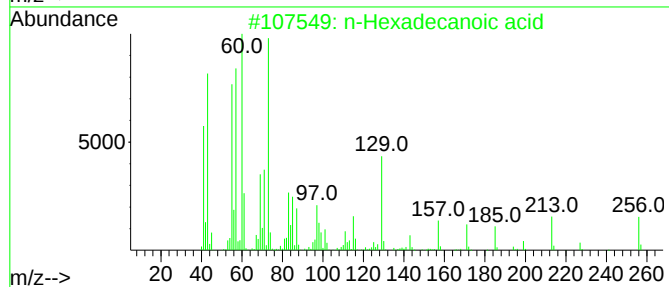
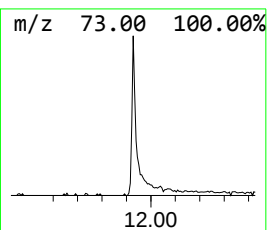
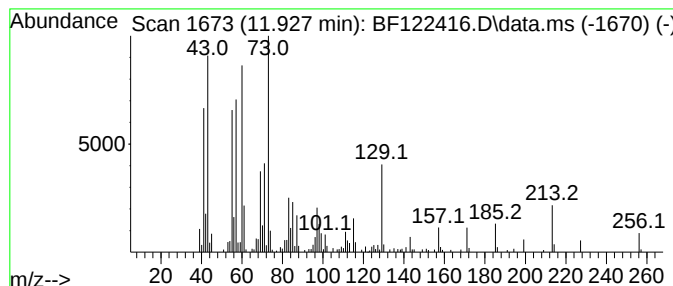
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	4.12 ng	437469	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



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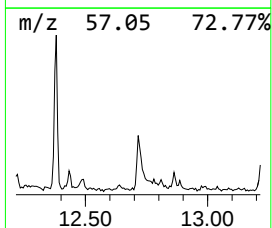
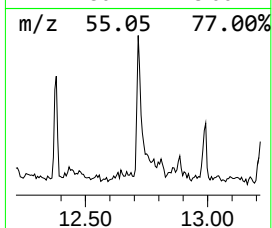
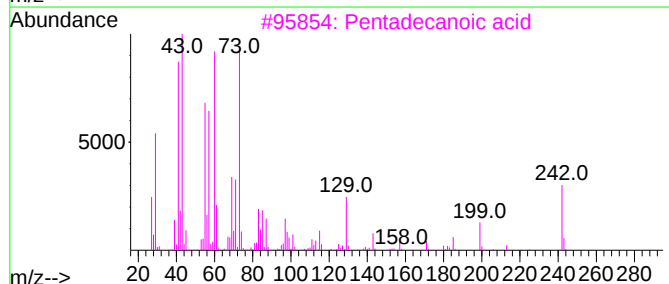
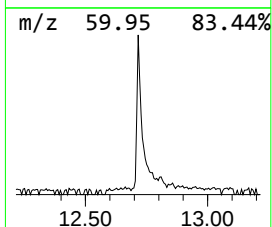
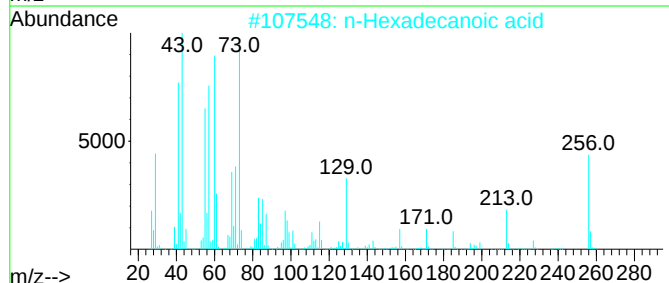
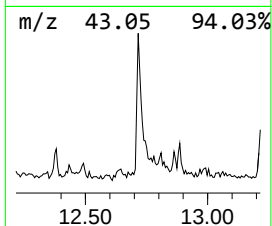
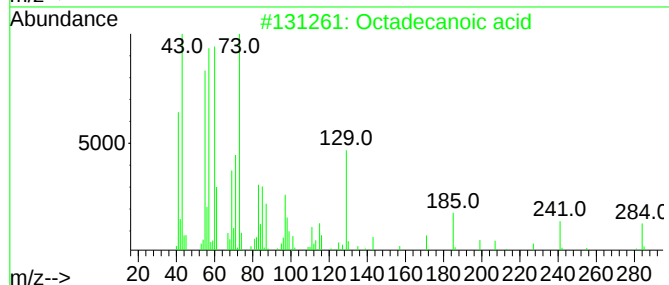
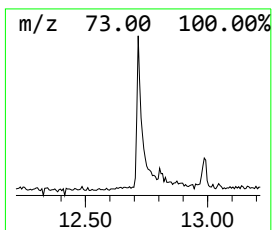
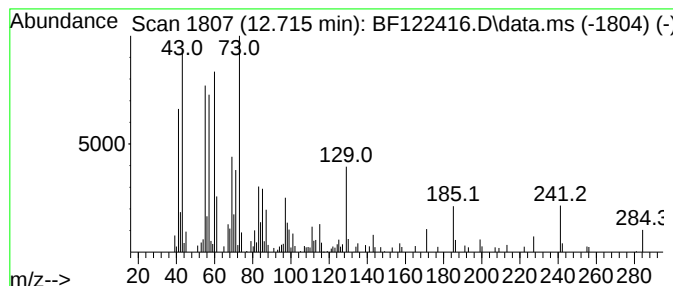
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	2.45 ng	259812	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	64



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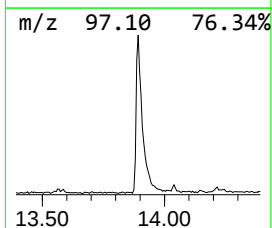
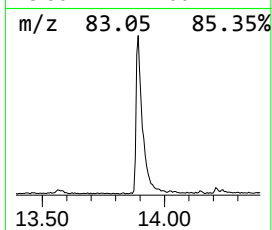
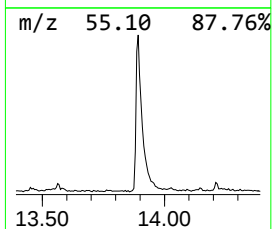
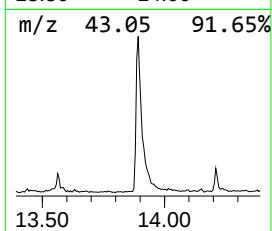
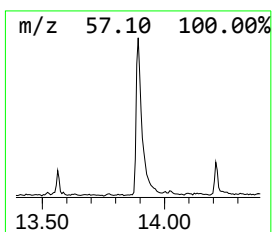
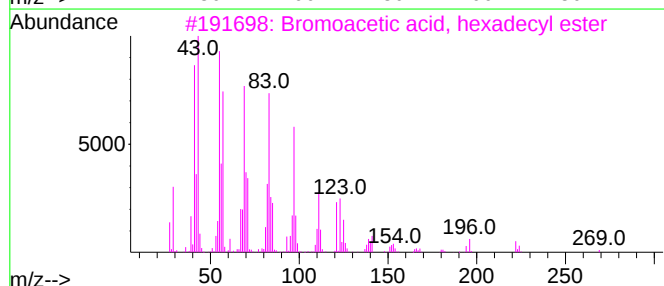
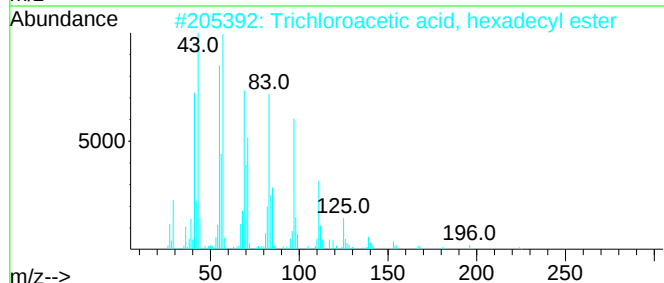
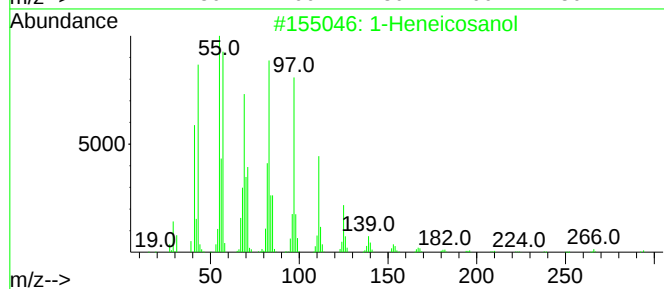
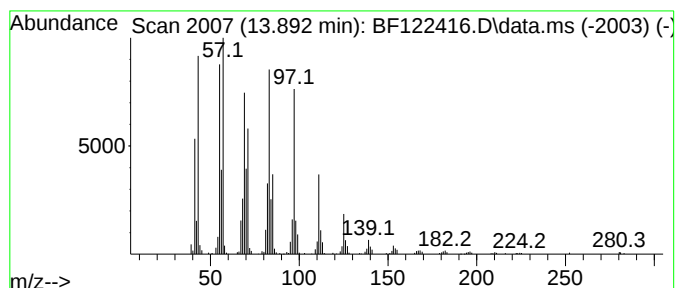
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Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.892	10.51 ng	1227840	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.927	4.1	ng	437469	4	11.392	2124320	20.0
Octadecanoic acid	12.716	2.5	ng	259812	4	11.392	2124320	20.0
1-Heneicosanol	13.892	10.5	ng	1227840	5	14.039	2337500	20.0