

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134866.D
 Acq On : 21 Aug 2023 14:18
 Operator : CG\JU
 Sample : 04086-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP14A

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: BF134866.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	563	568	571	rBV	2414164	2370590	89.00%	10.687%
2	6.428	733	738	741	rBV	2535545	2427684	91.15%	10.945%
3	6.792	796	800	803	rBV	1302999	1036649	38.92%	4.674%
4	7.351	890	895	898	rBV	1827111	1595729	59.91%	7.194%
5	8.069	1012	1017	1020	rBV	1735749	1433929	53.84%	6.465%
6	9.145	1195	1200	1203	rBV	3164129	2663539	100.00%	12.008%
7	9.263	1217	1220	1224	rVB	34192	32626	1.22%	0.147%
8	9.828	1311	1316	1319	rBV	1776831	1666245	62.56%	7.512%
9	10.616	1445	1450	1453	rBV	2144159	1853739	69.60%	8.357%
10	11.316	1565	1569	1572	rBV	1861450	1600947	60.11%	7.218%
11	11.851	1655	1660	1671	rBV	462098	480782	18.05%	2.168%
12	12.527	1772	1775	1780	rBV	38858	40943	1.54%	0.185%
13	12.639	1790	1794	1808	rBV	80048	116243	4.36%	0.524%
14	12.757	1808	1814	1817	rVB	36462	36913	1.39%	0.166%
15	12.910	1835	1840	1843	rBV	2207975	2099352	78.82%	9.465%
16	13.816	1990	1994	2002	rBV2	190550	234560	8.81%	1.057%
17	13.963	2014	2019	2029	rBV	1191328	1134972	42.61%	5.117%
18	14.445	2098	2101	2105	rBV2	32310	39022	1.47%	0.176%
19	15.004	2192	2196	2199	rBV	33855	49347	1.85%	0.222%
20	15.098	2208	2212	2219	rVB2	36029	54326	2.04%	0.245%
21	15.362	2254	2257	2261	rBV	26093	32554	1.22%	0.147%
22	15.433	2263	2269	2276	rBV	829558	1070233	40.18%	4.825%
23	15.927	2350	2353	2358	rVB2	31286	47936	1.80%	0.216%
24	15.986	2358	2363	2370	rBV8	24687	62356	2.34%	0.281%

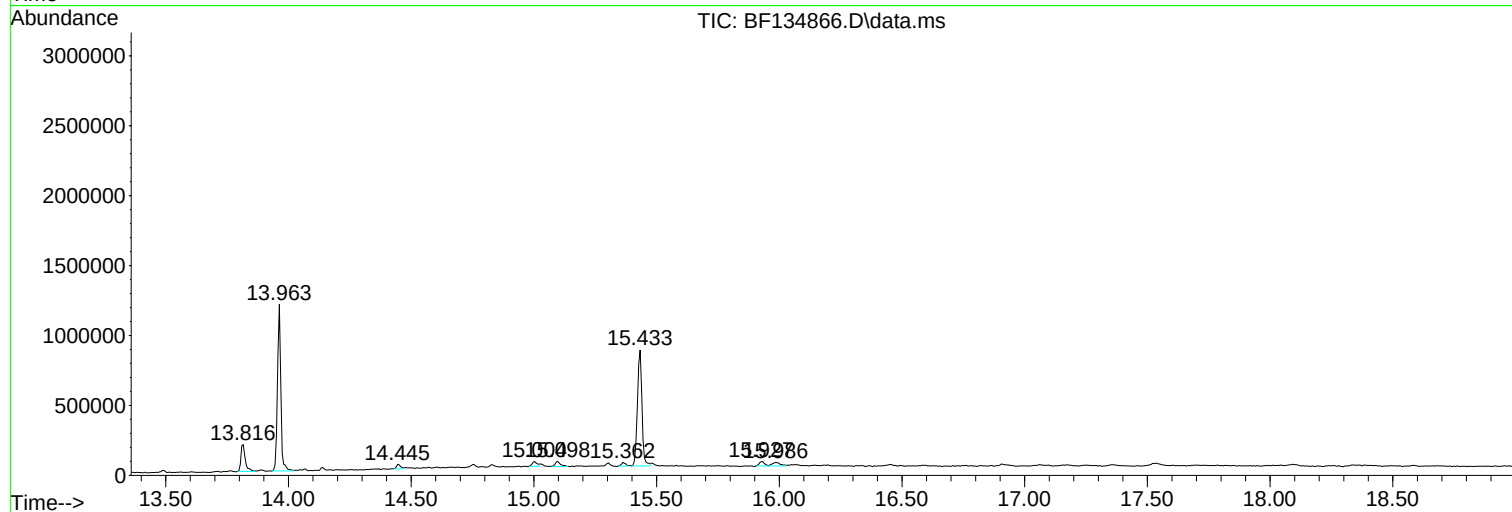
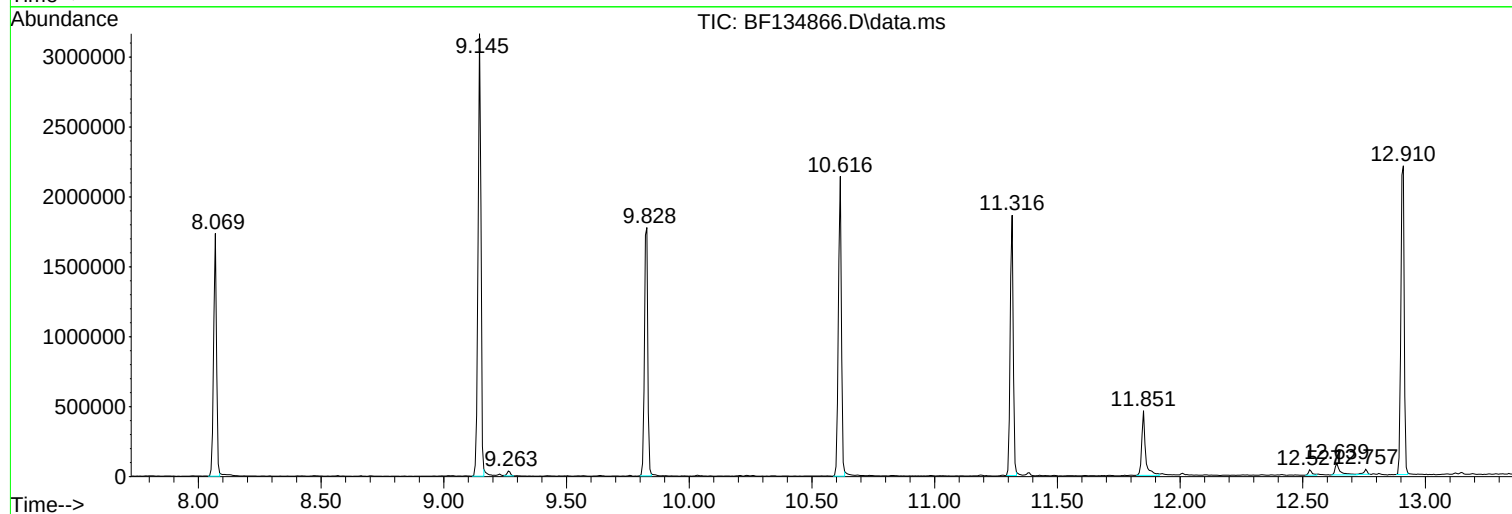
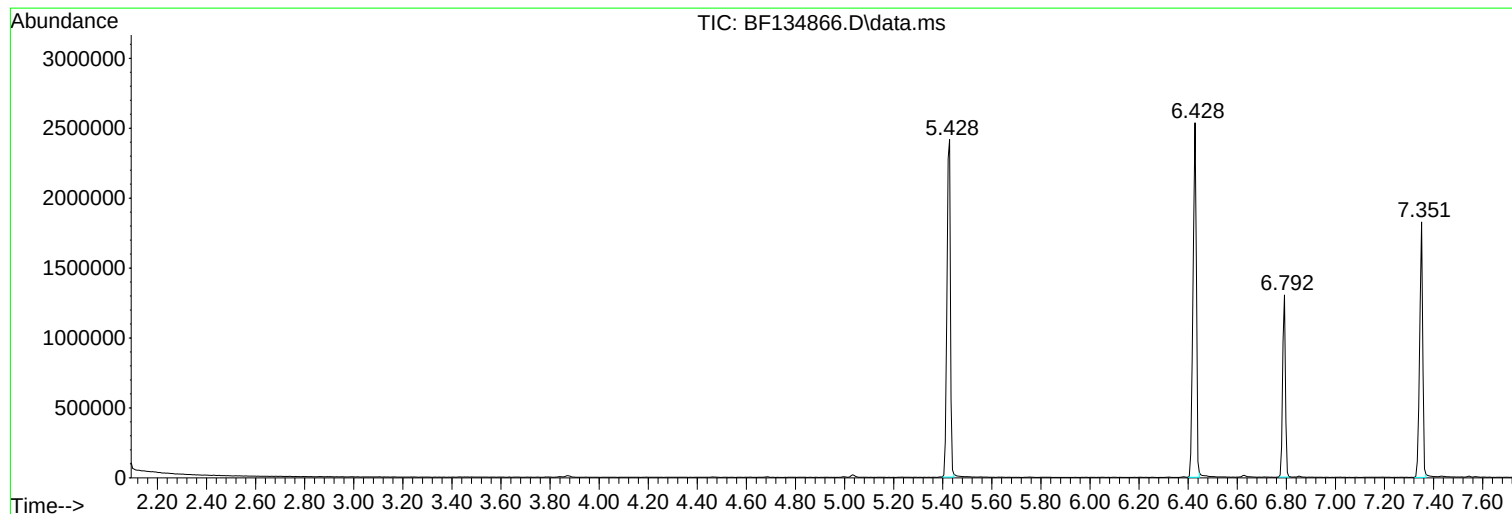
Sum of corrected areas: 22181216

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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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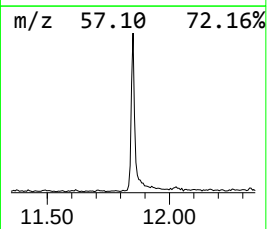
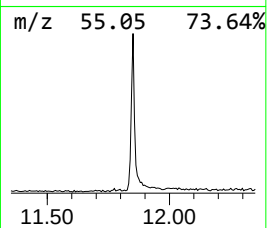
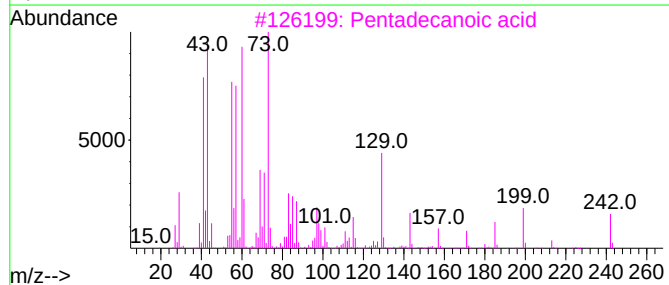
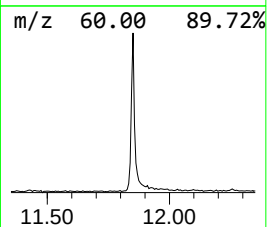
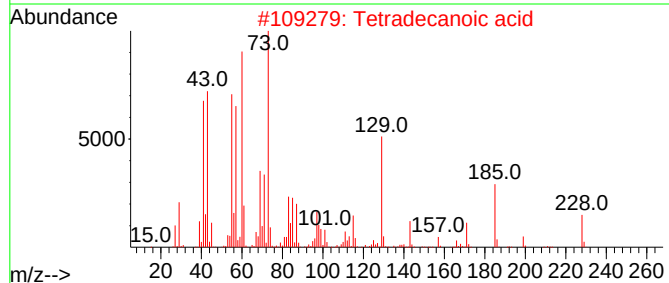
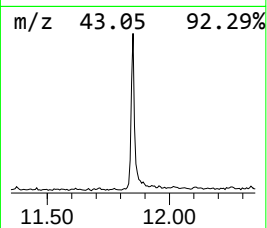
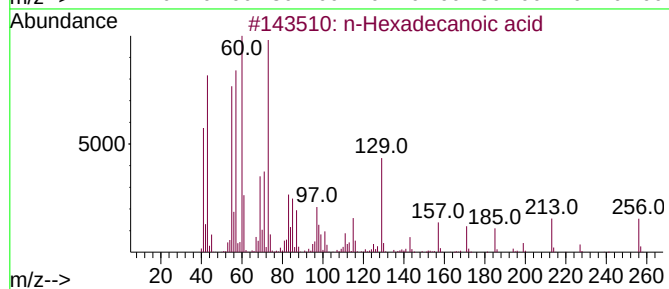
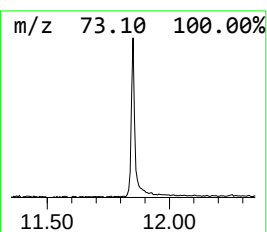
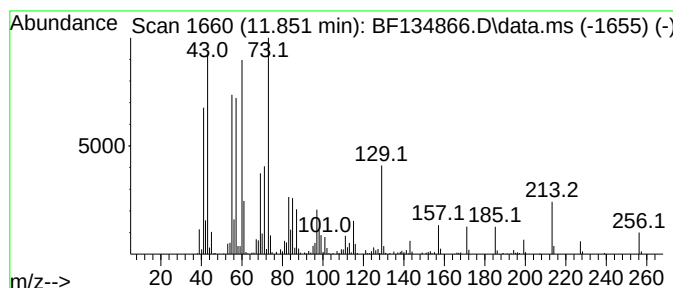
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	6.01 ng	480782	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
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	92
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



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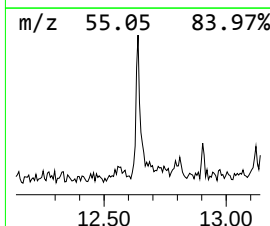
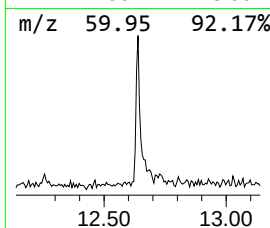
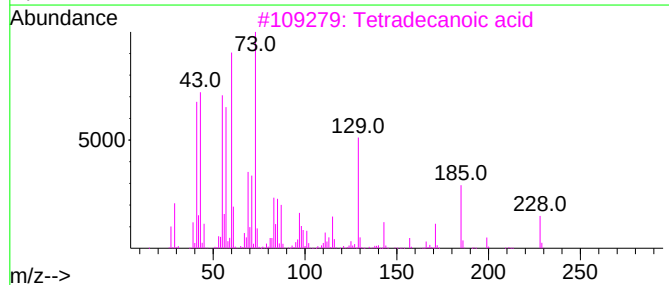
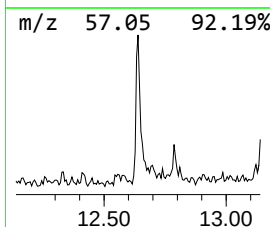
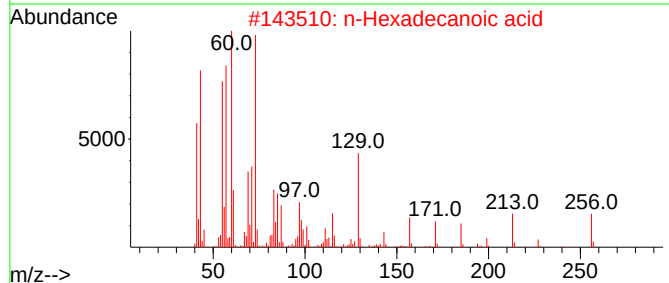
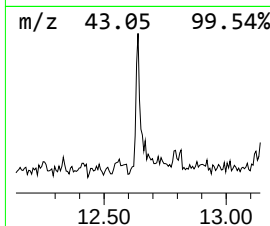
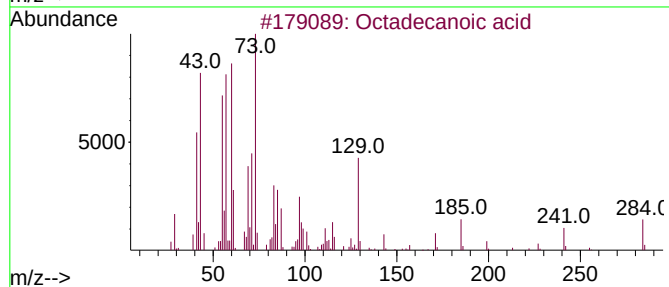
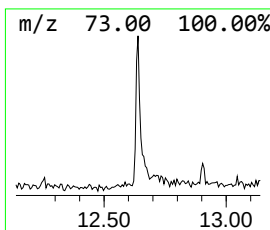
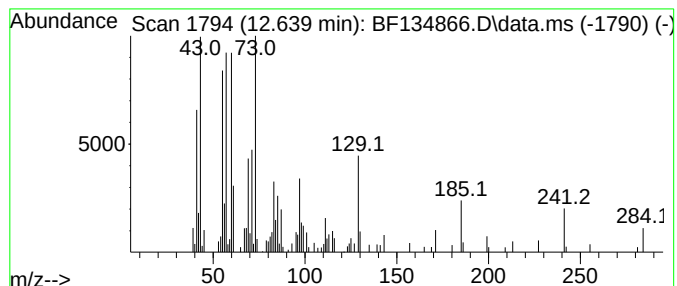
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.639	2.05 ng	116243	Chrysene-d12	13.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5			Undecanoic acid	186	C11H22O2	000112-37-8	60



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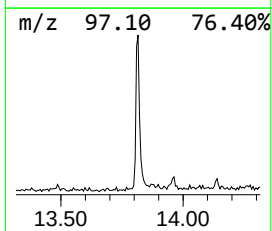
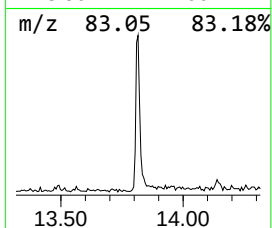
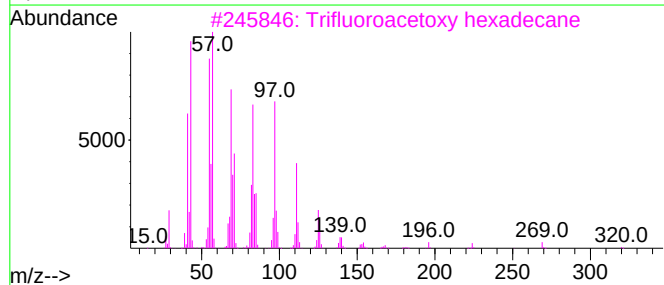
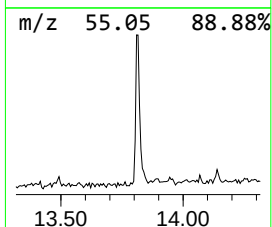
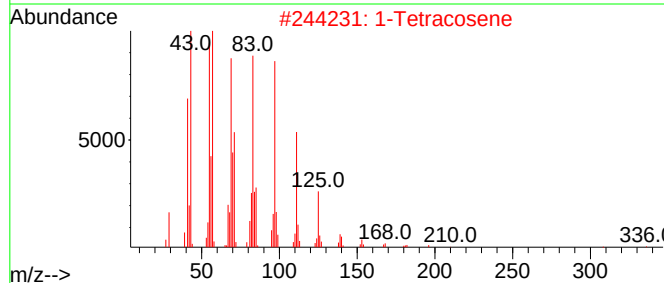
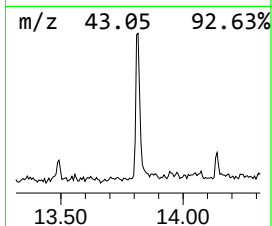
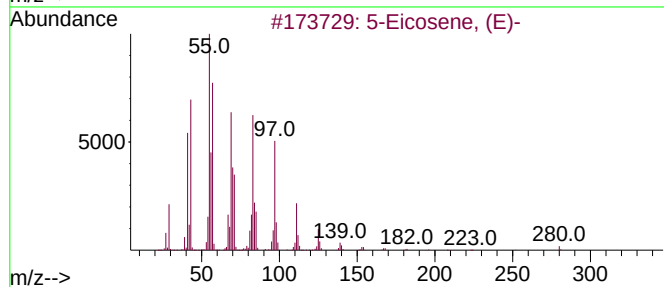
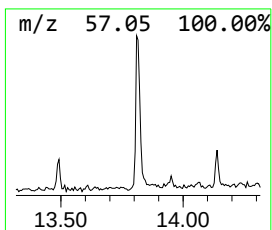
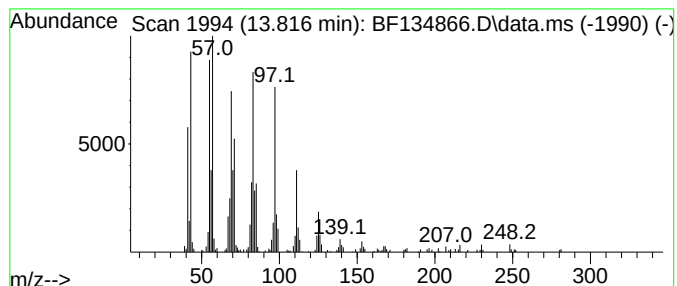
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Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	4.13 ng	234560	Chrysene-d12	13.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2			1-Tetracosene	336	C24H48	010192-32-2	94
3			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5			1-Heneicosanol	312	C21H44O	015594-90-8	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.851	6.0	ng	480782	4	11.316	1600950	20.0
Octadecanoic acid	12.639	2.0	ng	116243	5	13.963	1134970	20.0
5-Eicosene, (E)-	13.816	4.1	ng	234560	5	13.963	1134970	20.0