

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135558.D
 Acq On : 03 Oct 2023 23:58
 Operator : CG\JU
 Sample : 04627-25
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-13

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135558.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.375	555	559	586	rBV	2954795	3132040	91.63%	12.535%
2	6.387	727	731	749	rBV	3375882	3205500	93.78%	12.829%
3	6.581	761	764	787	rVB	54677	95307	2.79%	0.381%
4	6.734	787	790	799	rBV	1093686	1001736	29.31%	4.009%
5	7.304	882	887	904	rBV	2177968	2120027	62.02%	8.485%
6	8.016	1004	1008	1026	rVB	1480791	1322617	38.69%	5.293%
7	9.092	1186	1191	1195	rBV	3673202	3418107	100.00%	13.680%
8	9.210	1207	1211	1216	rBV	73684	71328	2.09%	0.285%
9	9.769	1303	1306	1310	rBV	1461370	1374897	40.22%	5.503%
10	10.569	1438	1442	1459	rBV	2002093	2024149	59.22%	8.101%
11	11.263	1556	1560	1564	rBV	1662546	1434638	41.97%	5.742%
12	11.798	1648	1651	1664	rBV2	314006	404478	11.83%	1.619%
13	12.369	1742	1748	1755	rVB4	53238	62745	1.84%	0.251%
14	12.592	1782	1786	1799	rBV	49533	94245	2.76%	0.377%
15	12.863	1827	1832	1835	rBV	3100135	3049854	89.23%	12.206%
16	13.786	1983	1989	2002	rBV4	79818	293722	8.59%	1.176%
17	13.922	2008	2012	2018	rVB	987957	892022	26.10%	3.570%
18	14.763	2152	2155	2160	rVB	36248	37447	1.10%	0.150%
19	15.386	2256	2261	2268	rBV	712670	951739	27.84%	3.809%

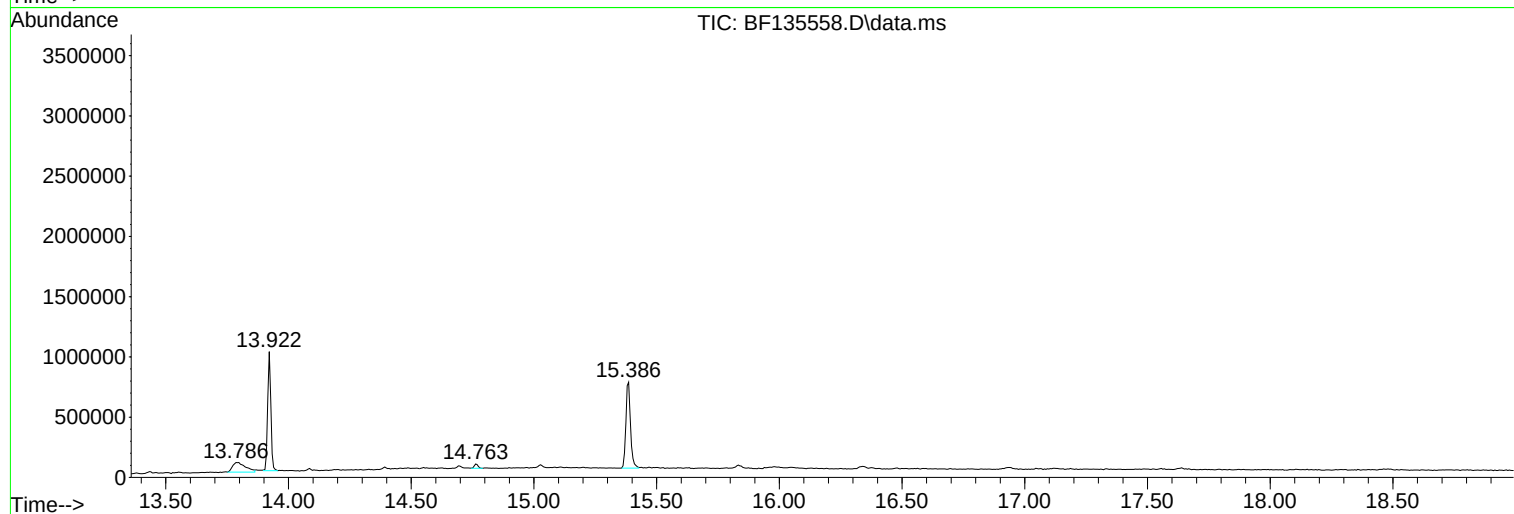
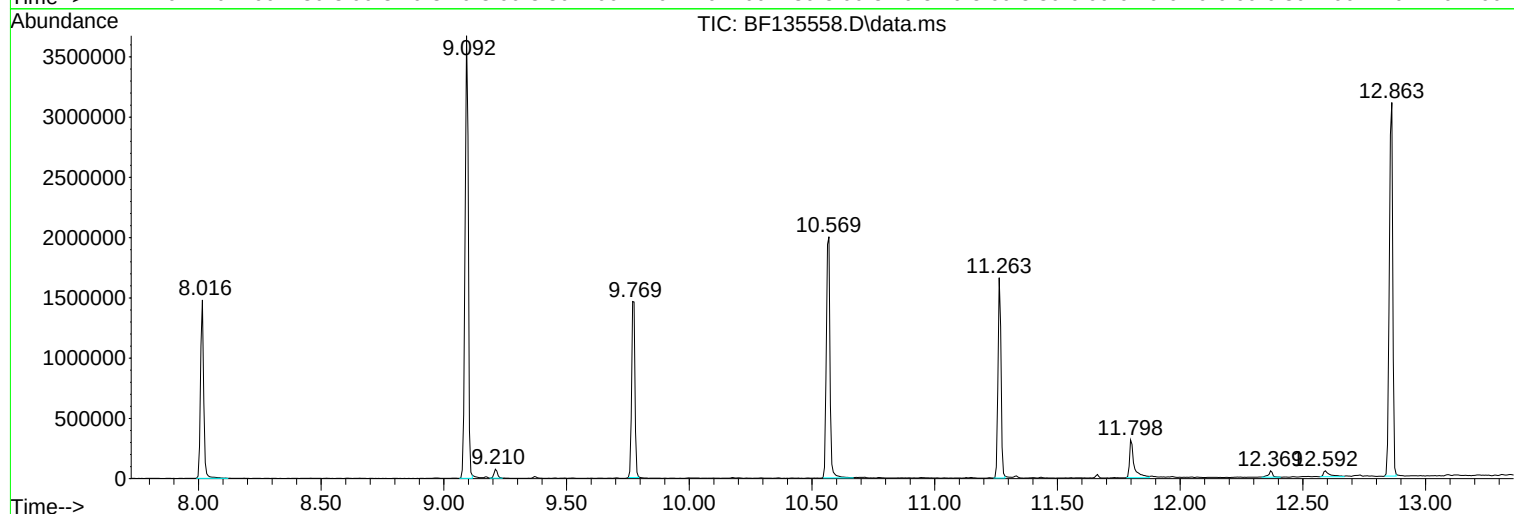
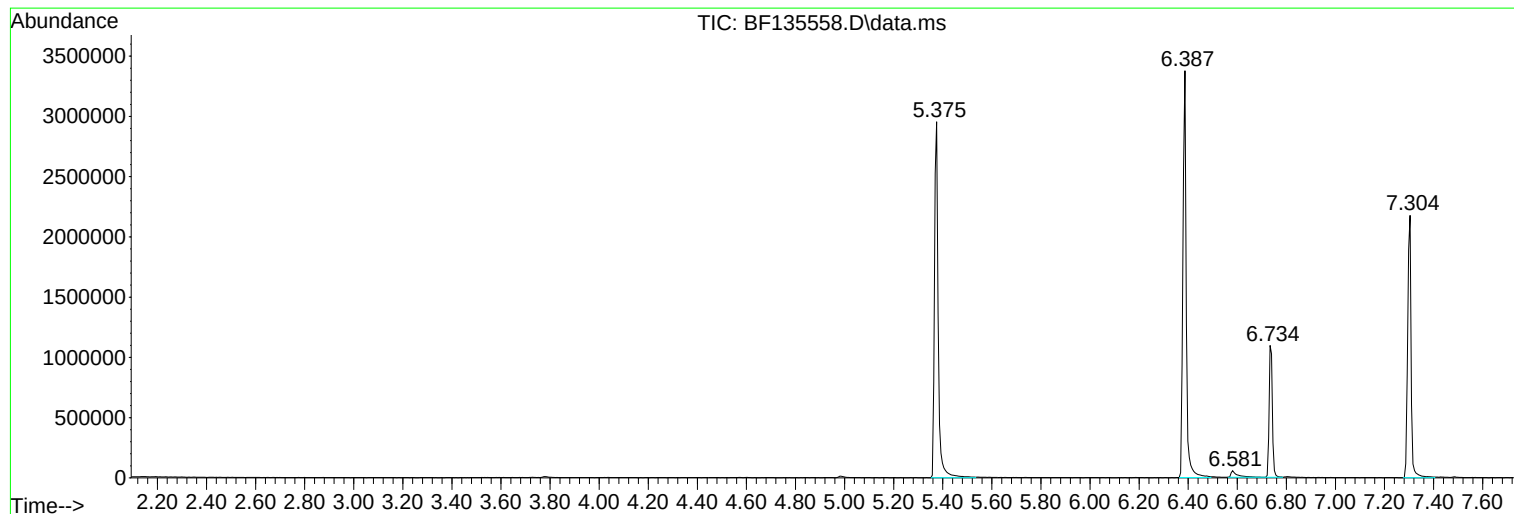
Sum of corrected areas: 24986598

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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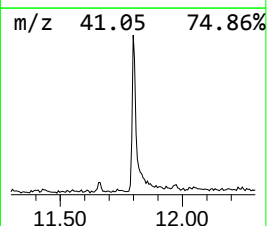
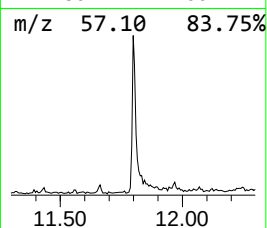
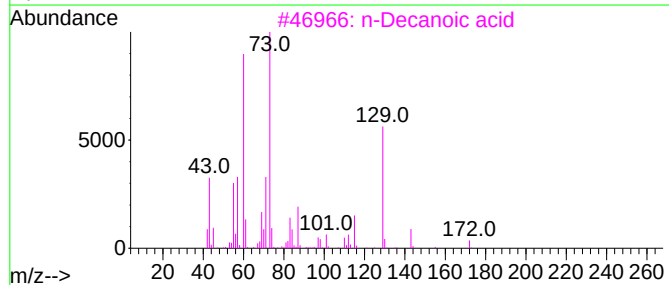
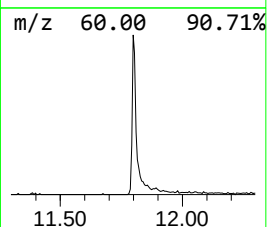
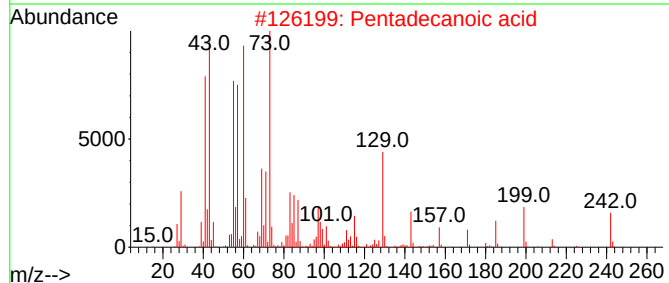
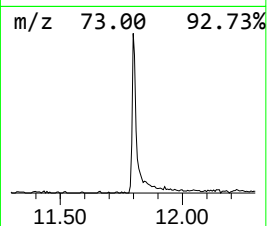
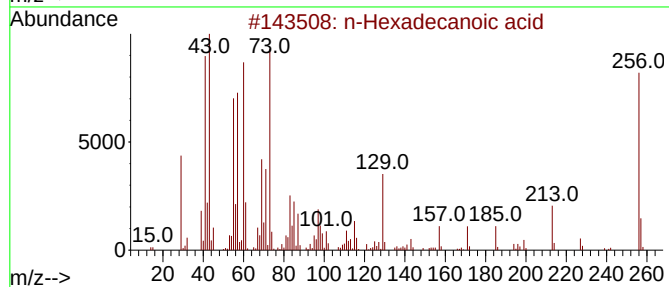
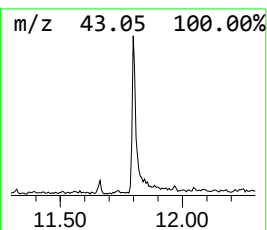
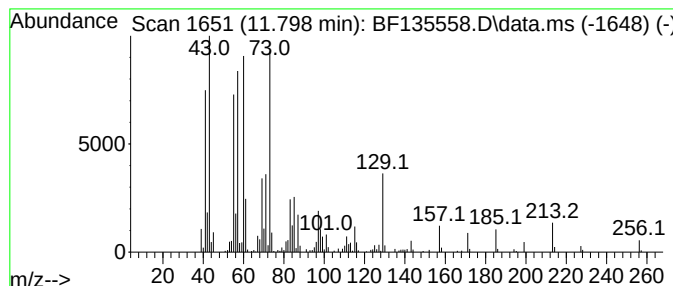
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.798	5.64 ng	404478	Phenanthrene-d10		11.263	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	91
3	n-Decanoic acid		172	C10H20O2	000334-48-5	91
4	Tridecanoic acid		214	C13H26O2	000638-53-9	80
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	76



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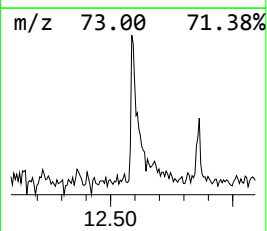
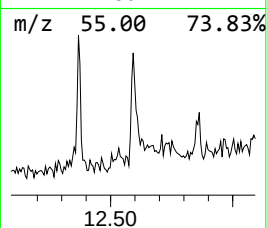
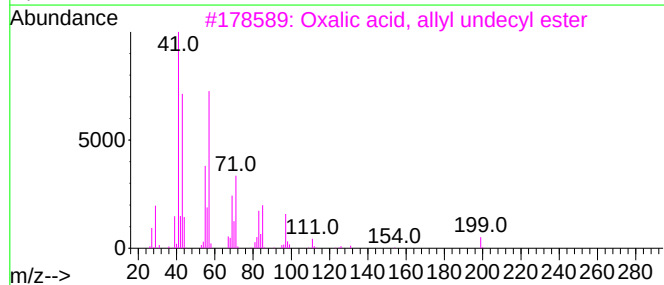
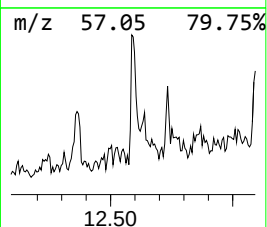
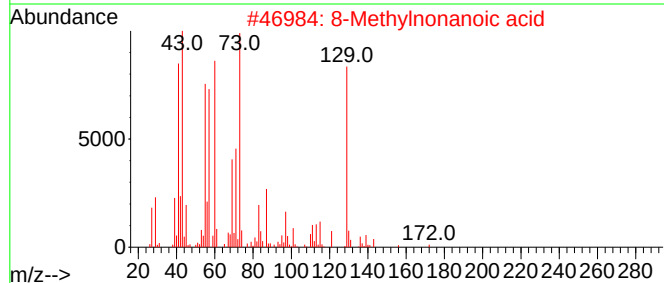
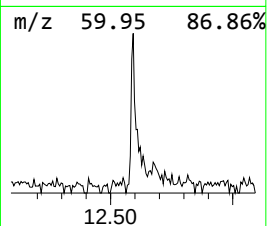
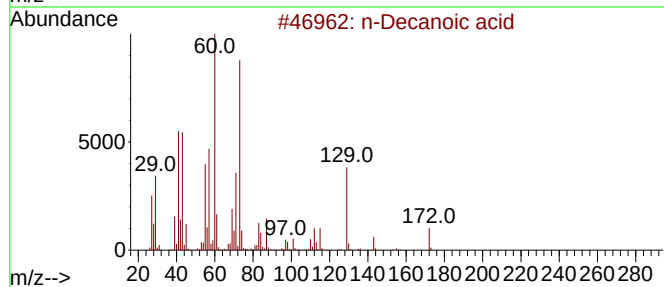
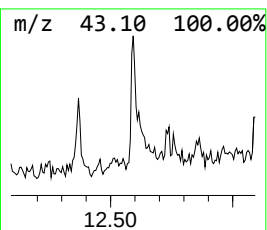
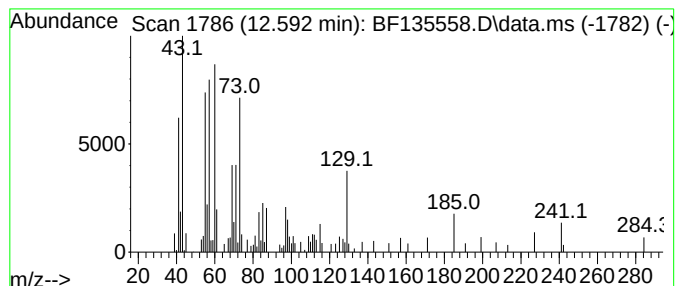
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Peak Number 2 n-Decanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	2.11 ng	94245	Chrysene-d12	13.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Decanoic acid	172	C10H20O2	000334-48-5	58
2			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	53
3			Oxalic acid, allyl undecyl ester	284	C16H28O4	1000309-23-9	18
4			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	18
5			Eicosyl isobutyl ether	354	C24H50O	1000406-33-0	18



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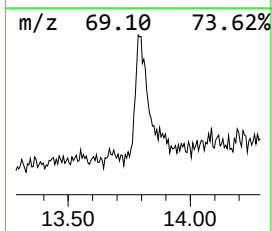
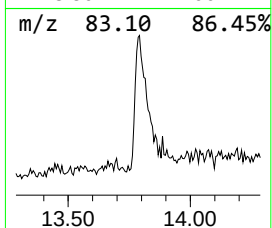
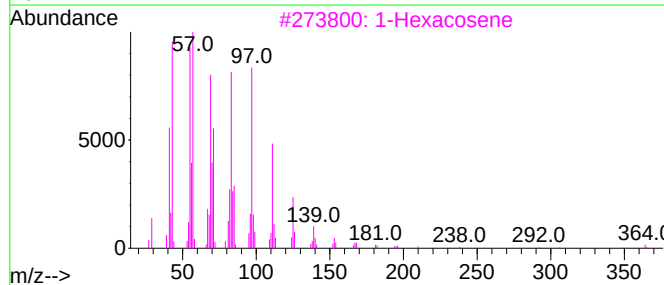
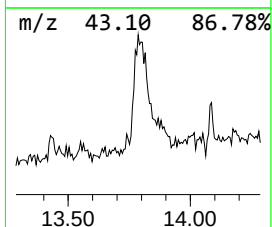
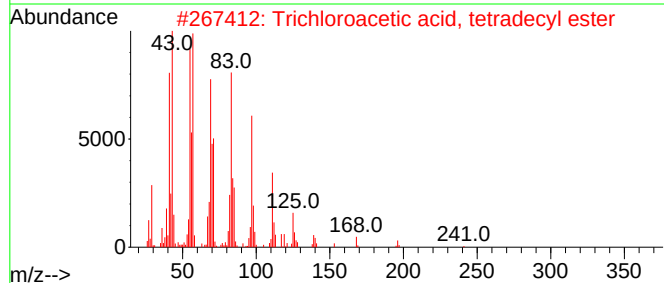
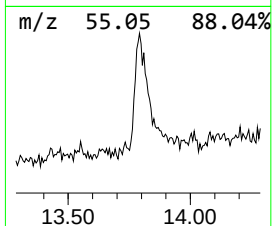
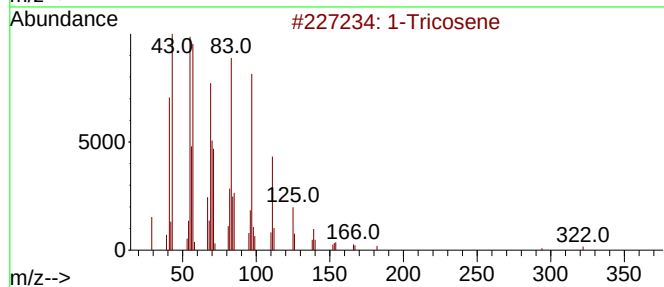
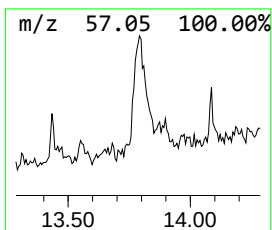
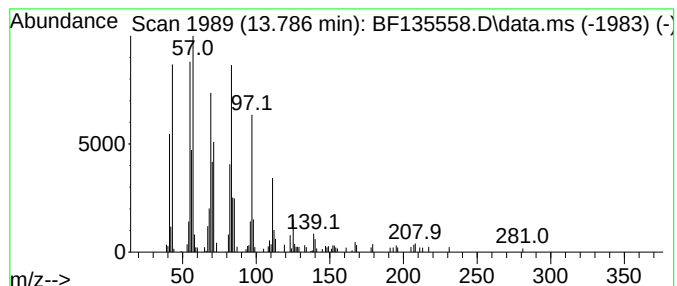
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Peak Number 3 1-Tricosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.786	6.59 ng	293722	Chrysene-d12	13.922	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	94
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94
3	1-Hexacosene	364	C26H52	018835-33-1	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.798	5.6	ng	404478	4	11.263	1434640	20.0
n-Decanoic acid	12.592	2.1	ng	94245	5	13.922	892022	20.0
1-Tricosene	13.786	6.6	ng	293722	5	13.922	892022	20.0