

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135559.D
 Acq On : 04 Oct 2023 00:30
 Operator : CG\JU
 Sample : 04627-27
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-14

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: BF135559.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	555	558	578	rBV	2975714	3126303	94.43%	13.025%
2	6.387	727	731	751	rBV	3206925	3123656	94.35%	13.014%
3	6.581	761	764	777	rBV	50874	82316	2.49%	0.343%
4	6.734	787	790	800	rBV	991132	913106	27.58%	3.804%
5	7.304	883	887	900	rBV	2118905	2042891	61.71%	8.511%
6	8.016	1004	1008	1021	rBV	1376396	1199388	36.23%	4.997%
7	9.092	1187	1191	1194	rBV	3769054	3310647	100.00%	13.793%
8	9.210	1208	1211	1216	rVB	73727	66413	2.01%	0.277%
9	9.769	1303	1306	1310	rBV	1440131	1277574	38.59%	5.323%
10	10.569	1438	1442	1458	rBV	1976239	1949232	58.88%	8.121%
11	11.263	1557	1560	1566	rBV	1518348	1300620	39.29%	5.419%
12	11.798	1648	1651	1669	rBV	358315	447893	13.53%	1.866%
13	12.586	1783	1785	1796	rBV	45368	78990	2.39%	0.329%
14	12.857	1827	1831	1835	rBV	2769669	2900170	87.60%	12.083%
15	13.792	1983	1990	2004	rBV5	77010	301052	9.09%	1.254%
16	13.921	2008	2012	2019	rVB	892714	801143	24.20%	3.338%
17	14.768	2152	2156	2160	rVB	134943	147237	4.45%	0.613%
18	15.386	2256	2261	2271	rVB	648995	883574	26.69%	3.681%
19	15.833	2334	2337	2343	rVB3	32447	49735	1.50%	0.207%

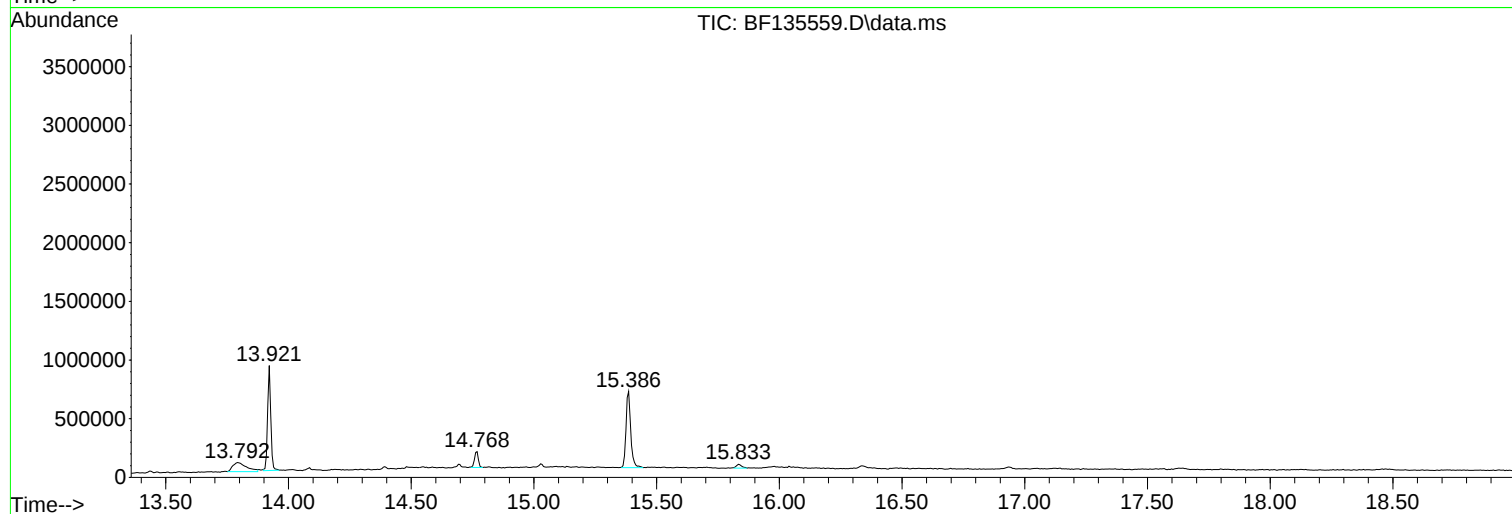
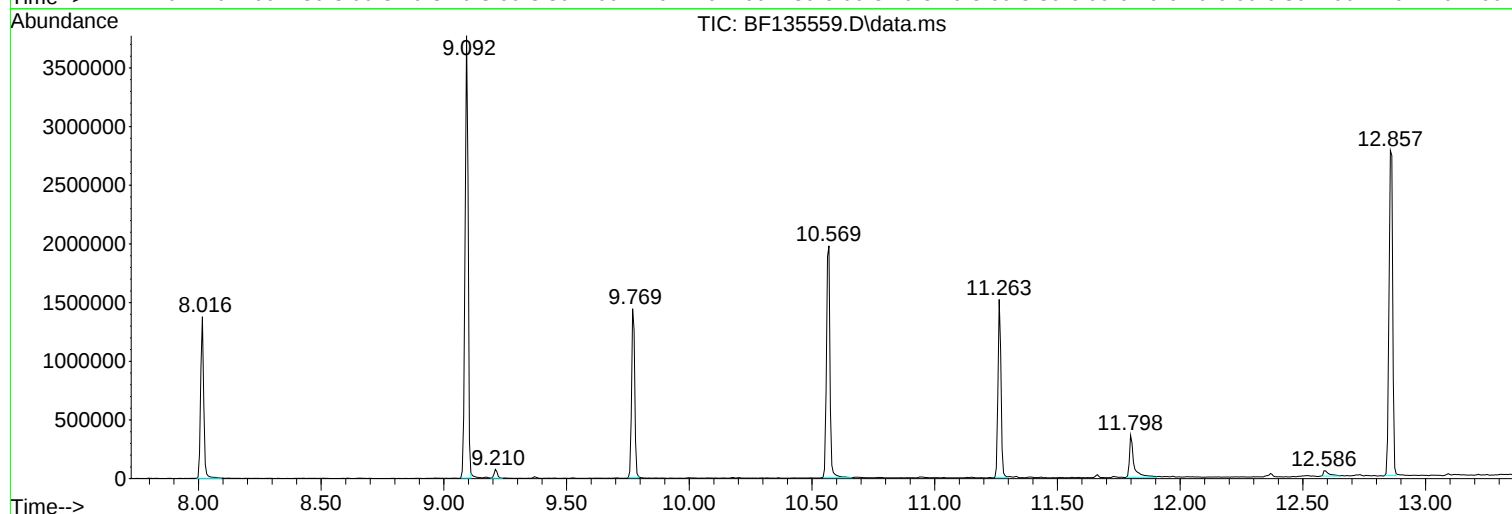
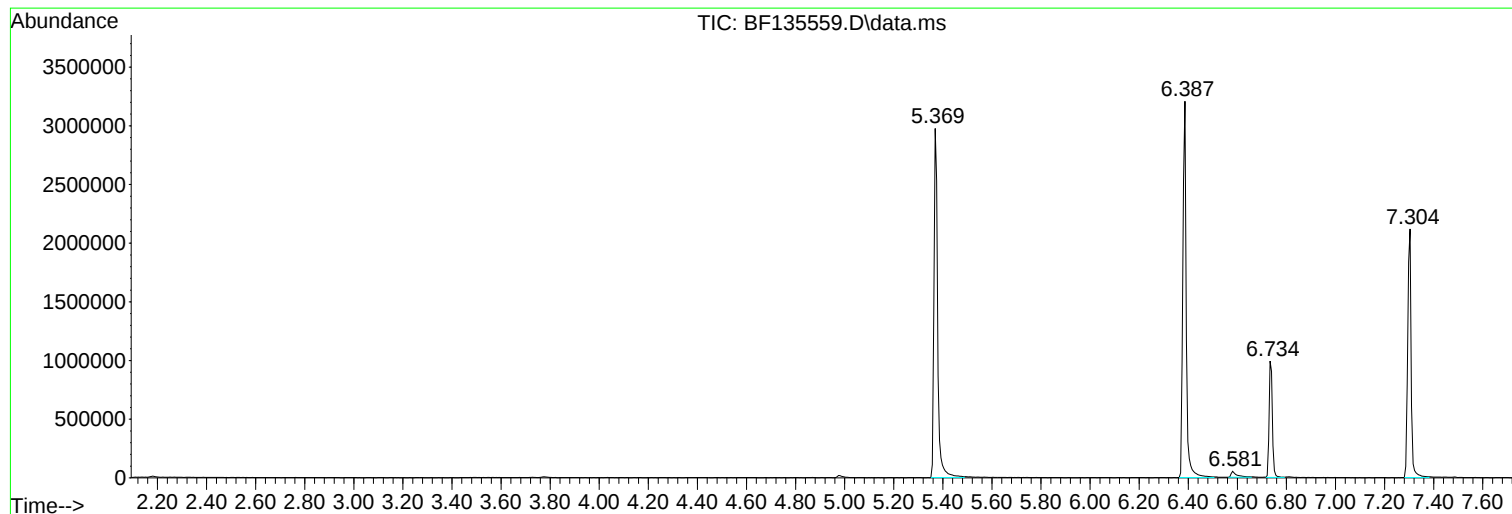
Sum of corrected areas: 24001940

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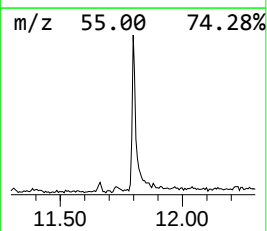
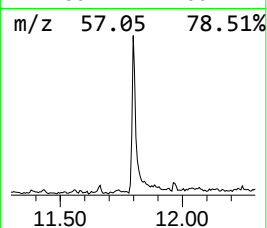
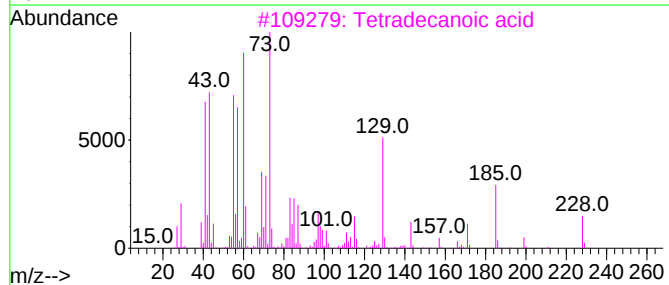
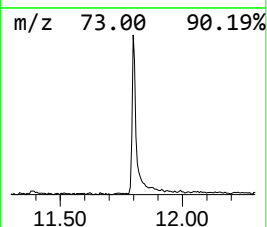
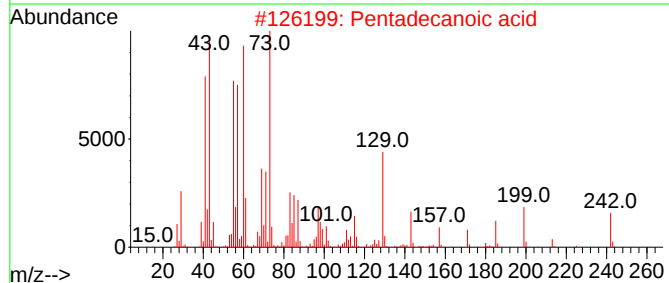
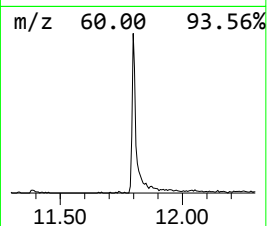
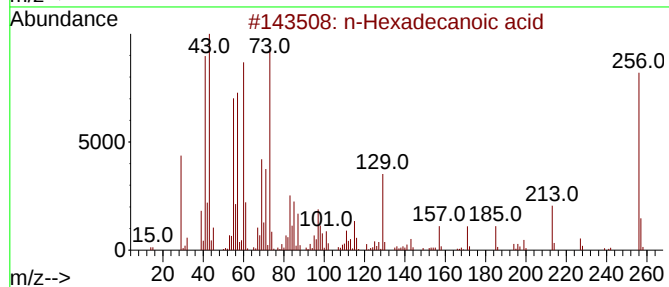
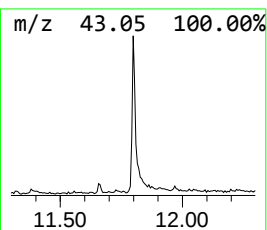
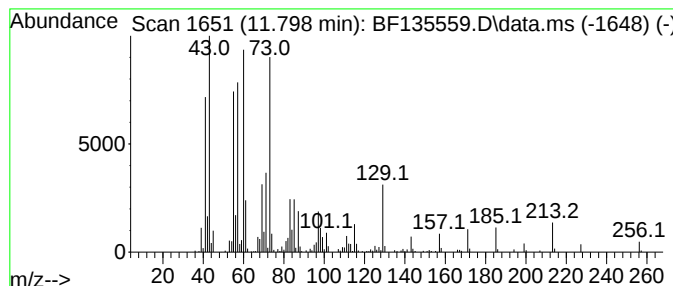
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	6.89 ng	447893	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	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4			Tridecanoic acid	214	C13H26O2	000638-53-9	81
5			Undecanoic acid	186	C11H22O2	000112-37-8	72



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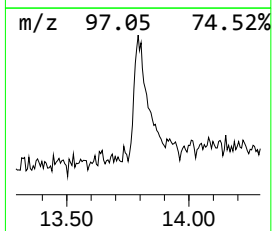
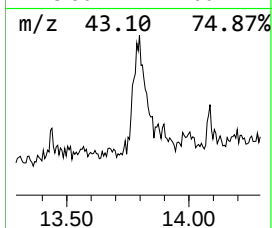
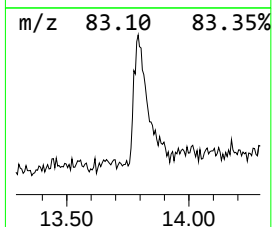
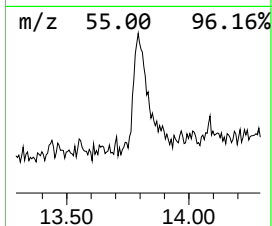
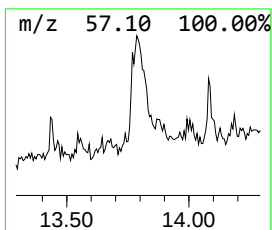
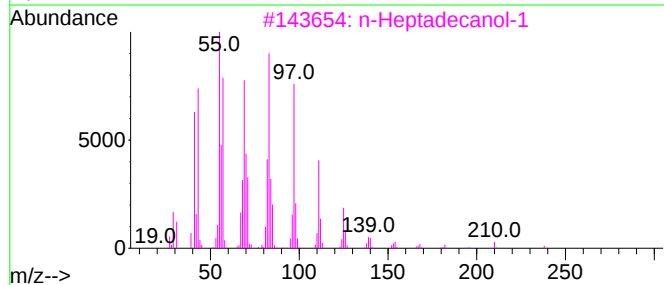
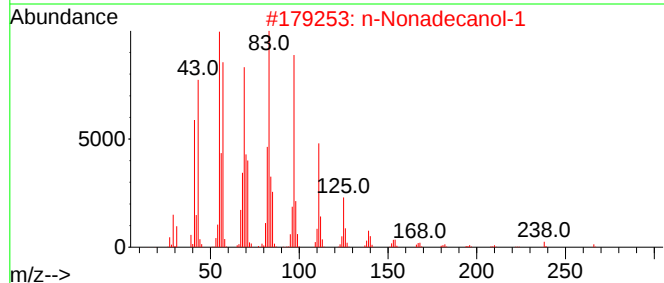
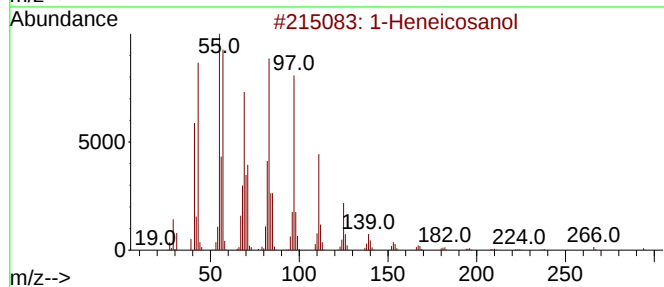
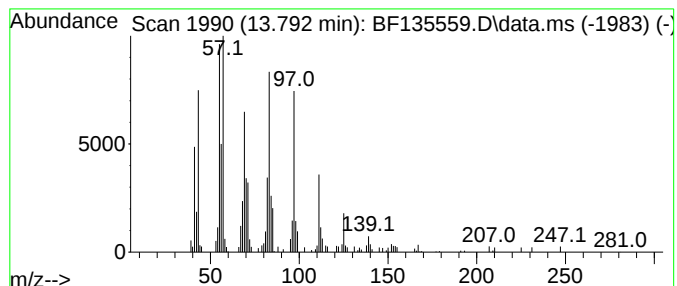
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Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.792	7.52 ng	301052	Chrysene-d12	13.921	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	1-Octadecanol	270	C18H38O	000112-92-5	91



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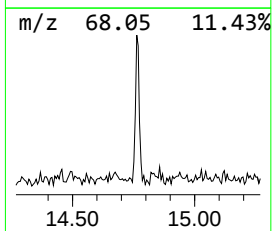
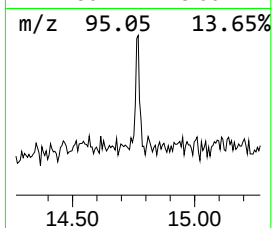
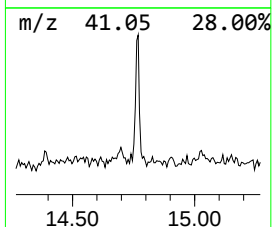
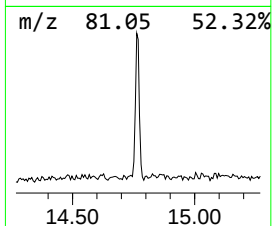
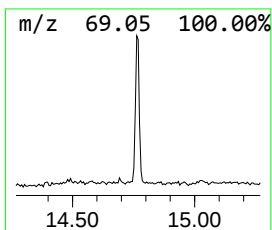
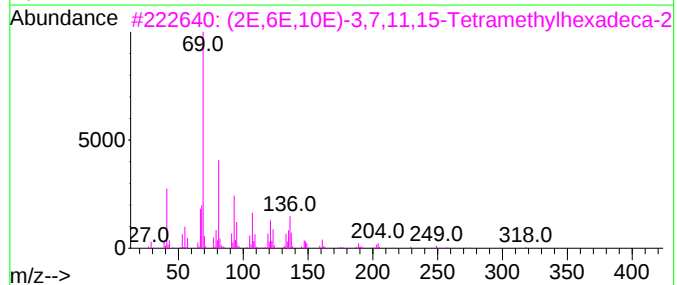
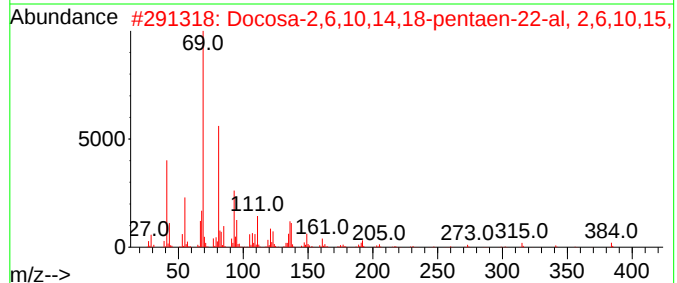
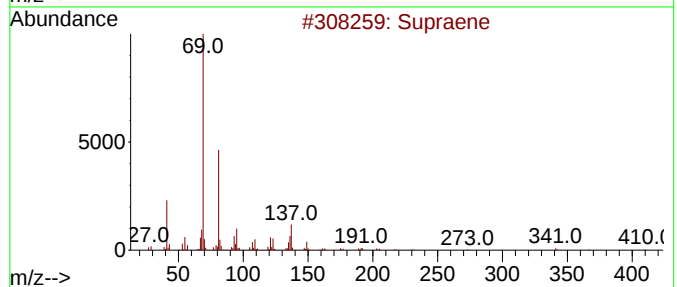
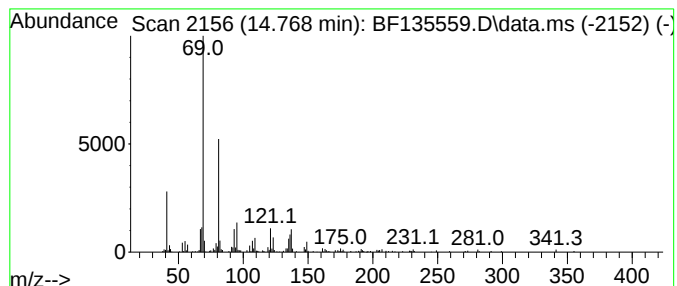
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Peak Number 3 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.768	3.33 ng	147237	Perylene-d12	15.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	87
2			Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
3			(2E,6E,10E)-3,7,11,15-Tetramethy...	318	C21H34O2	125456-63-5	72
4			3,7-Dimethyl-1-phenylsulfonyl-2,...	278	C16H22O2S	1000432-27-5	64
5			1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.798	6.9	ng	447893	4	11.263	1300620	20.0
1-Heneicosanol	13.792	7.5	ng	301052	5	13.921	801143	20.0
Supraene	14.768	3.3	ng	147237	6	15.386	883574	20.0