

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
 Data File : BM032902.D
 Acq On : 08 Nov 2021 19:29
 Operator : CG/JU
 Sample : M4477-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 T1-EP02-NE

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-BM110221.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM032902.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.078	375	381	397	rBV	1496208	2175031	35.03%	7.642%
2	6.690	648	655	678	rBV	1565152	2432469	39.18%	8.546%
3	7.484	784	790	801	rBV	303076	482382	7.77%	1.695%
4	8.636	979	986	1005	rBV	920849	1509658	24.32%	5.304%
5	10.054	1221	1227	1245	rBV	490673	744865	12.00%	2.617%
6	10.266	1256	1263	1277	rBV	454223	745225	12.00%	2.618%
7	12.760	1680	1687	1703	rBV	2646867	3852557	62.05%	13.535%
8	13.054	1730	1737	1744	rBV	69479	108505	1.75%	0.381%
9	14.148	1916	1923	1933	rBV	756101	1111372	17.90%	3.905%
10	15.636	2170	2176	2198	rBV	2096537	3064572	49.36%	10.767%
11	16.883	2382	2388	2401	rBV	1029647	1427153	22.99%	5.014%
12	17.559	2498	2503	2511	rBV	107177	124674	2.01%	0.438%
13	18.736	2699	2703	2707	rVB	220711	231631	3.73%	0.814%
14	18.871	2722	2726	2731	rBV	61952	66515	1.07%	0.234%
15	19.512	2829	2835	2849	rBV	4841891	6208625	100.00%	21.813%
16	19.795	2879	2883	2891	rBV	63420	91842	1.48%	0.323%
17	20.159	2941	2945	2948	rVB	72011	80197	1.29%	0.282%
18	20.777	3046	3050	3059	rBV	387839	480470	7.74%	1.688%
19	21.065	3094	3099	3111	rBV	1393821	1761536	28.37%	6.189%
20	23.171	3451	3457	3470	rBV	1042017	1763831	28.41%	6.197%

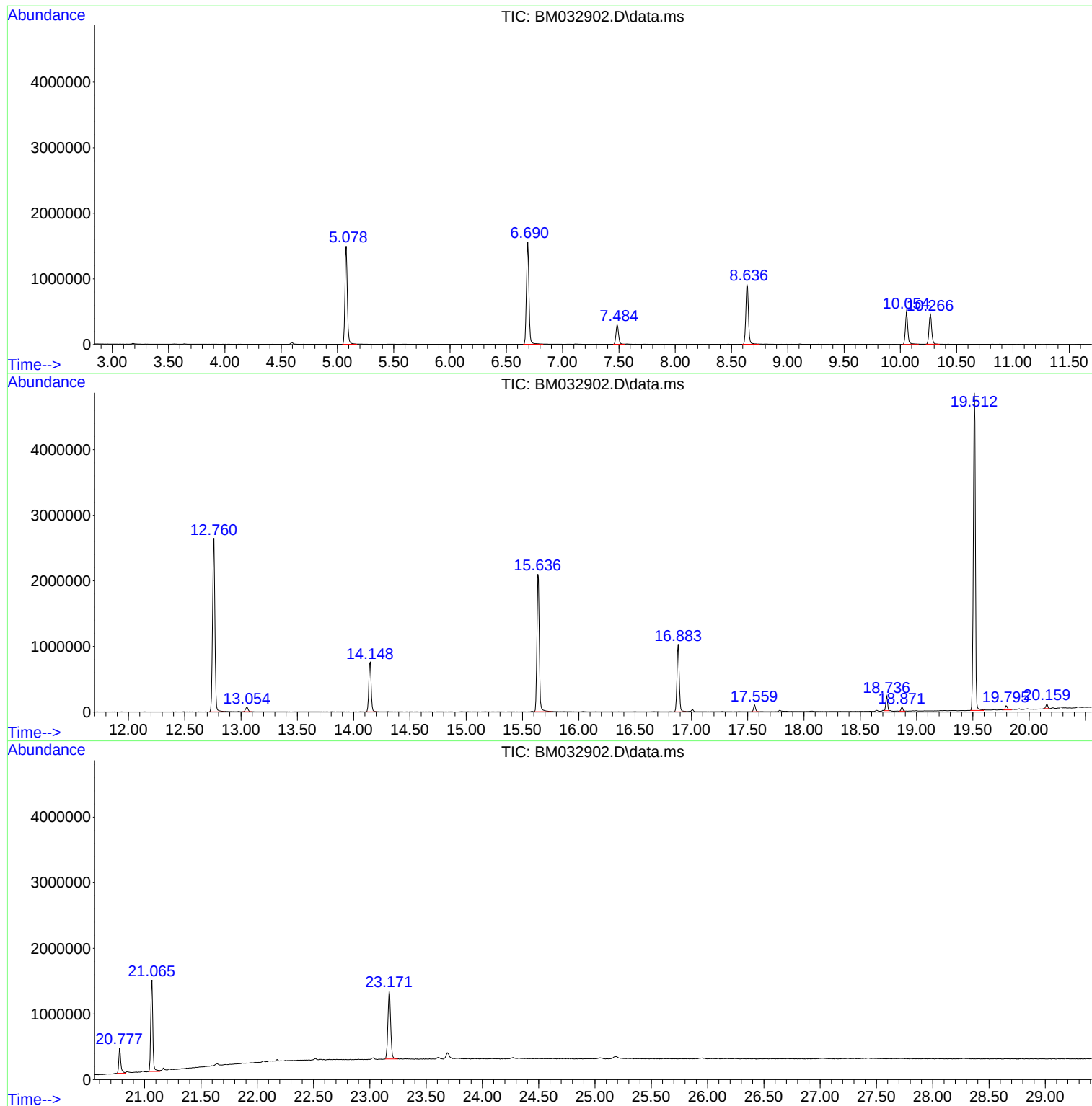
Sum of corrected areas: 28463110

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.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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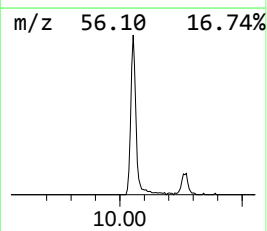
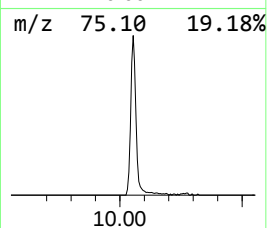
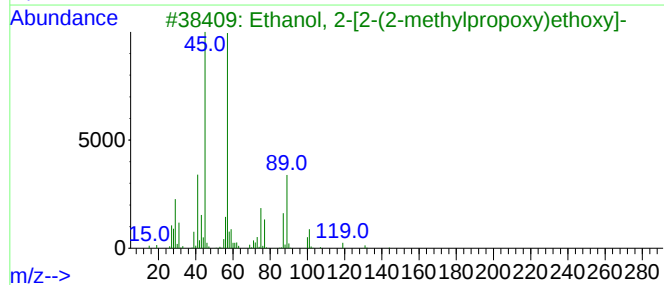
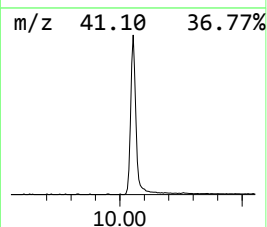
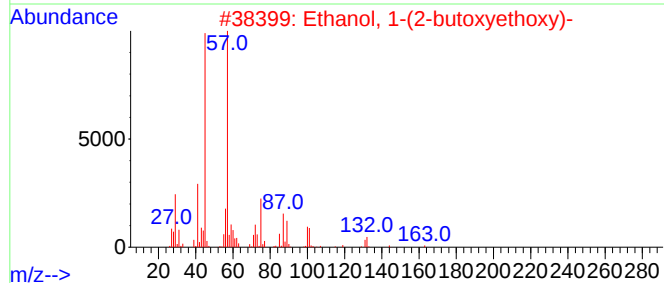
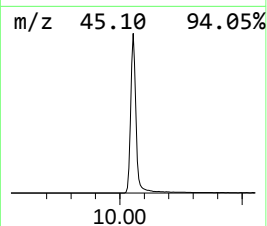
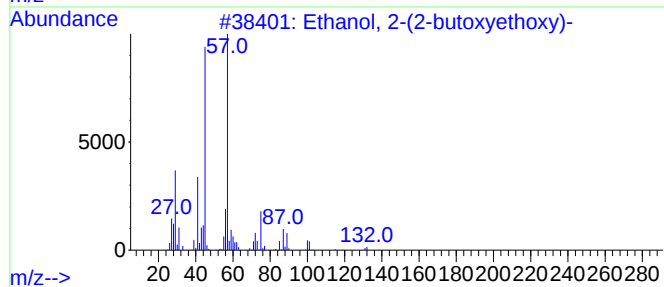
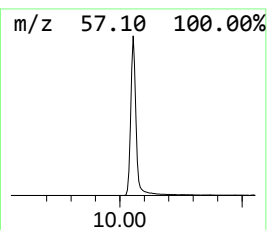
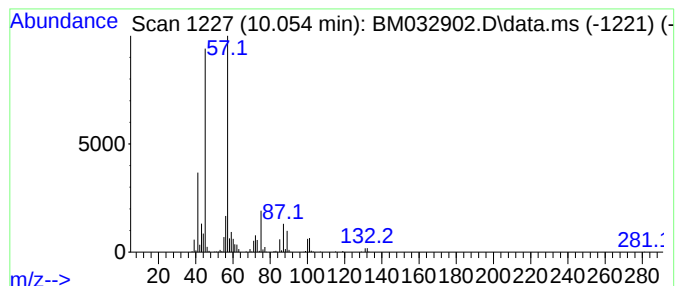
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.054	19.99 ng	744865	Naphthalene-d8	10.266

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	78
4			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5			Di-sec-Butyl ether	130	C8H18O	006863-58-7	50



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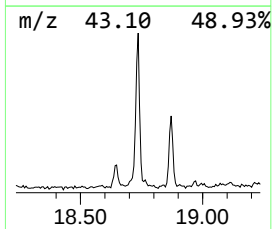
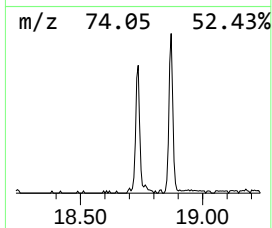
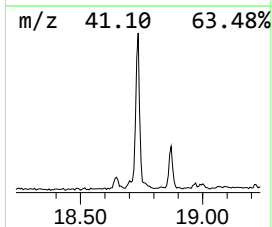
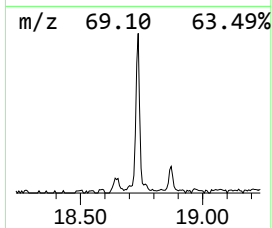
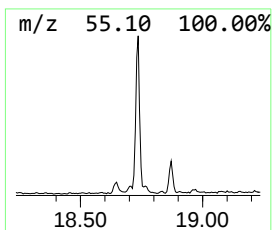
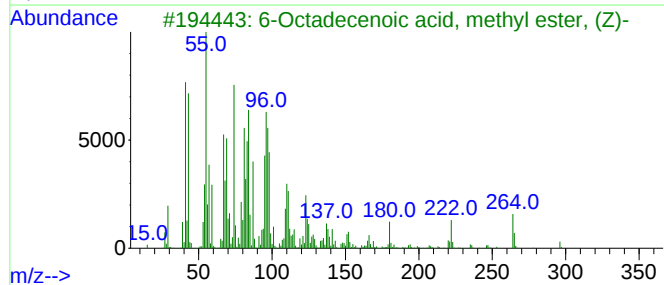
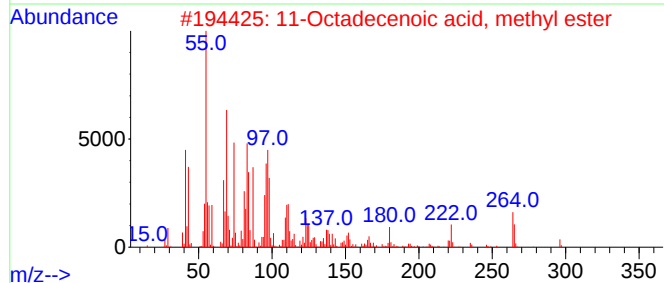
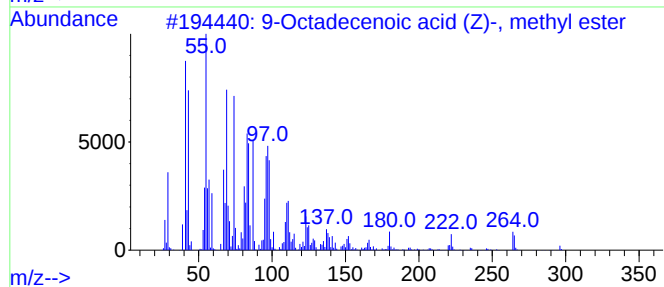
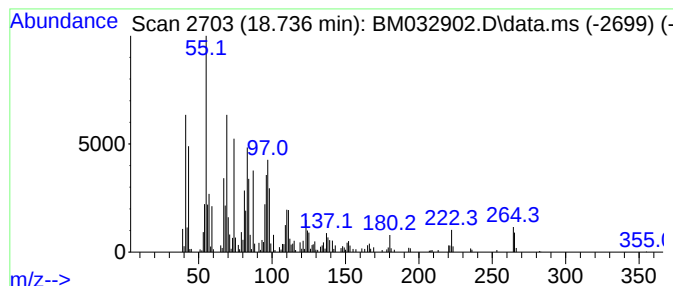
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Peak Number 2 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.736	3.25 ng	231631	Phenanthrene-d10	16.883

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
3			6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	94
4			trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	94
5			9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	94



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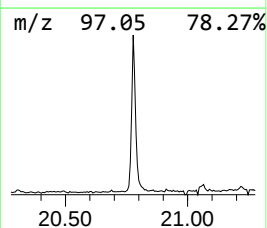
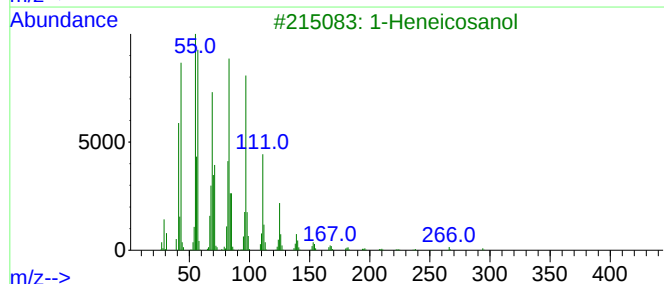
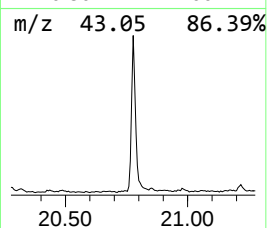
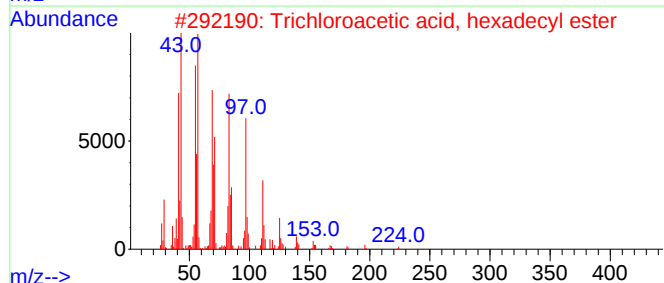
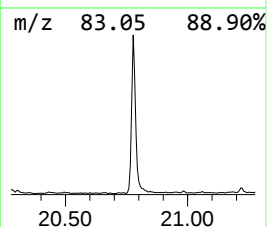
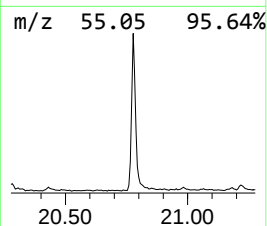
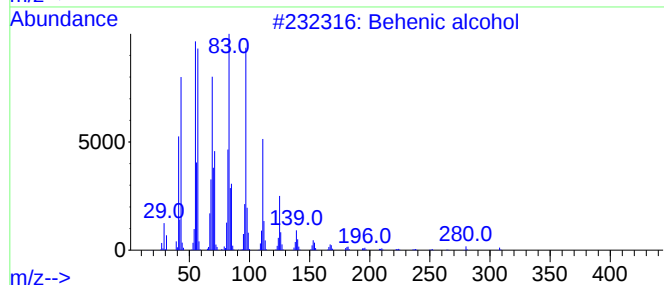
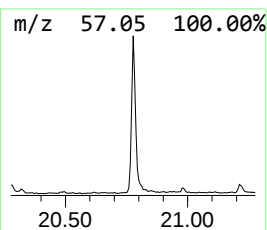
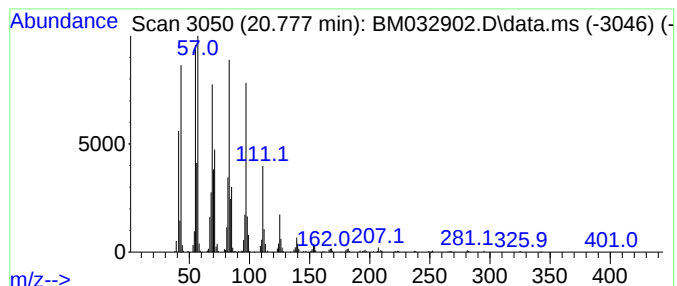
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Peak Number 3 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.777	5.46 ng	480470	Chrysene-d12	21.065

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	95
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3			1-Heneicosanol	312	C21H44O	015594-90-8	94
4			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.054	20.0	ng	744865	2	10.266	745225	20.0
9-Octadecenoic ...	18.736	3.3	ng	231631	4	16.883	1427150	20.0
Behenic alcohol	20.777	5.5	ng	480470	5	21.065	1761540	20.0