

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132961.D
 Acq On : 21 Apr 2023 03:48
 Operator : CG\JU
 Sample : 02270-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-16-18-20230412

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-BF041723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132961.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.963	481	489	495	rBV	162800	214789	2.62%	0.364%
2	5.363	552	557	560	rBV	6839039	7272468	88.84%	12.312%
3	6.216	698	702	705	rBV	128952	111570	1.36%	0.189%
4	6.387	725	731	734	rBV	6998044	7597717	92.82%	12.863%
5	6.757	790	794	797	rBV	2583548	2052762	25.08%	3.475%
6	7.157	858	862	869	rVB	233340	182795	2.23%	0.309%
7	7.322	884	890	893	rBV	5334736	4816801	58.84%	8.155%
8	7.787	966	969	973	rVB	185650	150368	1.84%	0.255%
9	8.039	1007	1012	1015	rBV	3590089	2816826	34.41%	4.769%
10	9.122	1189	1196	1199	rBV	9432991	8185611	100.00%	13.858%
11	9.222	1208	1213	1219	rVB	115569	106447	1.30%	0.180%
12	9.792	1302	1310	1314	rBV	3805939	3225375	39.40%	5.461%
13	10.504	1428	1431	1435	rVB	358977	286613	3.50%	0.485%
14	10.580	1439	1444	1447	rBV	5996376	5143660	62.84%	8.708%
15	11.275	1558	1562	1565	rBV	4039903	3139233	38.35%	5.315%
16	11.816	1649	1654	1663	rBV	899658	964153	11.78%	1.632%
17	12.598	1784	1787	1799	rVB	141086	174475	2.13%	0.295%
18	12.863	1828	1832	1836	rBV	8133612	7869712	96.14%	13.323%
19	13.768	1982	1986	2003	rBV2	258300	538997	6.58%	0.913%
20	13.910	2006	2010	2013	rBV	2676209	2315690	28.29%	3.920%
21	15.339	2247	2253	2259	rBV	1627655	1900453	23.22%	3.217%

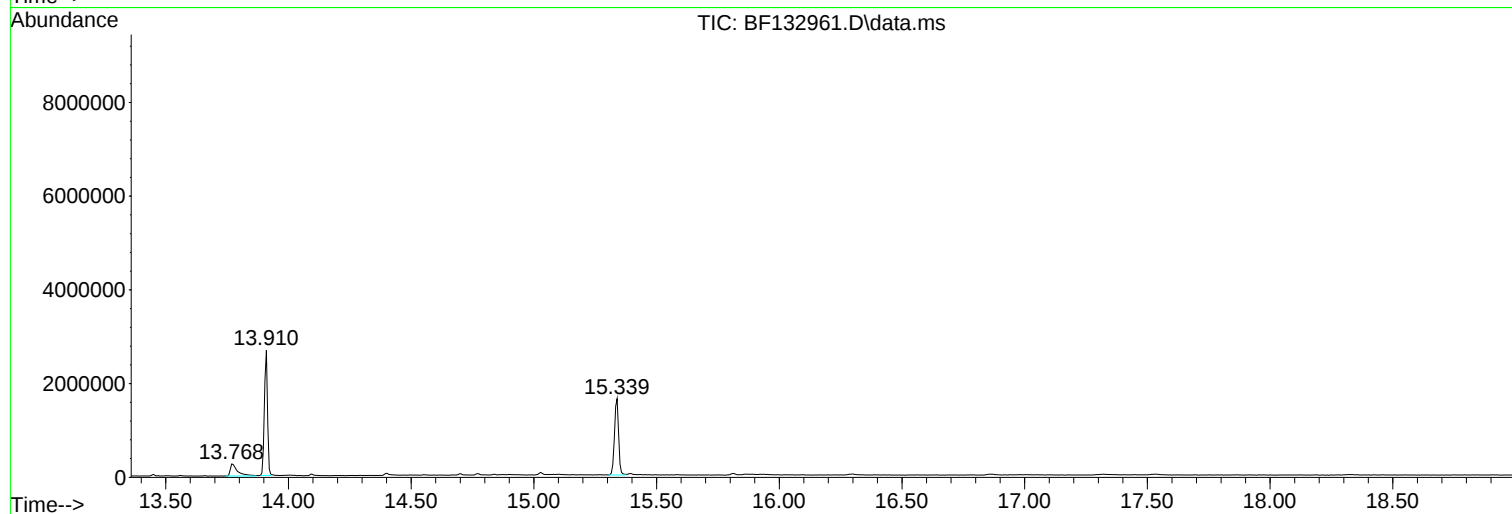
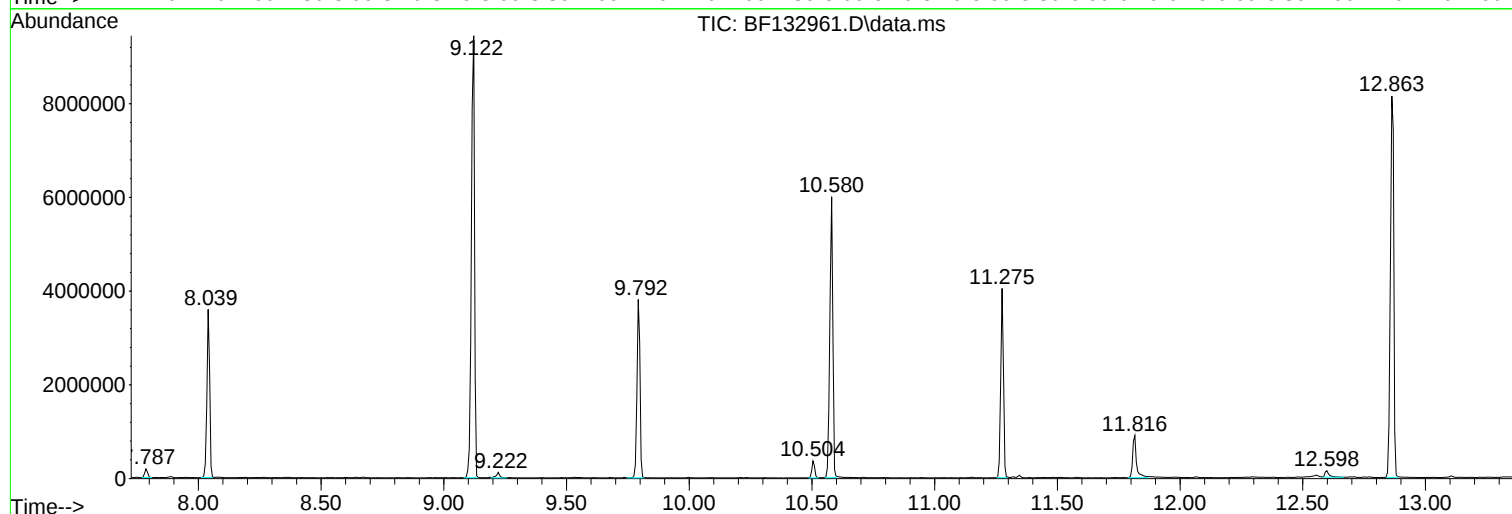
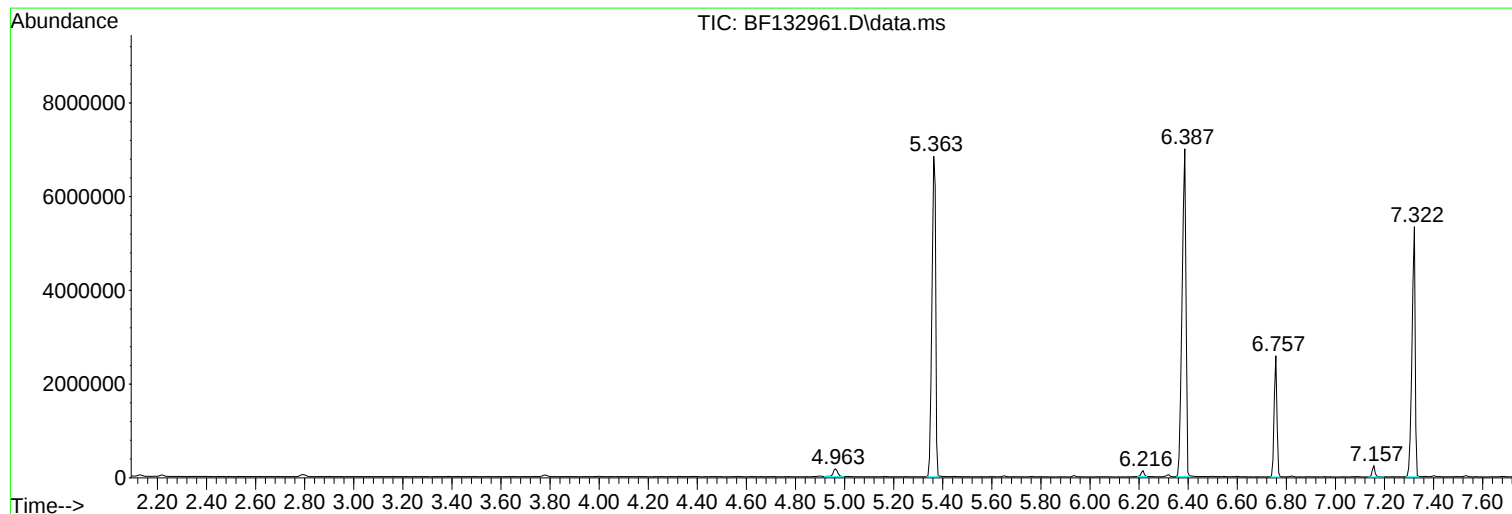
Sum of corrected areas: 59066515

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.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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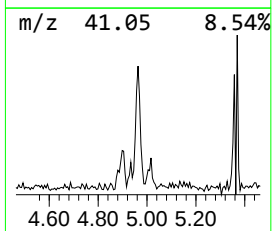
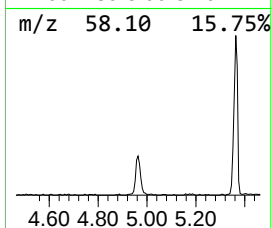
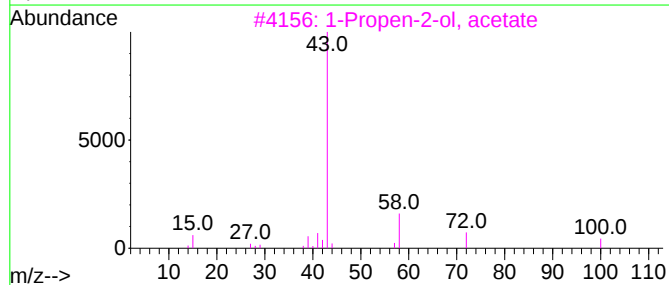
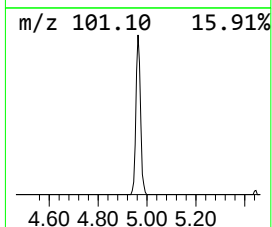
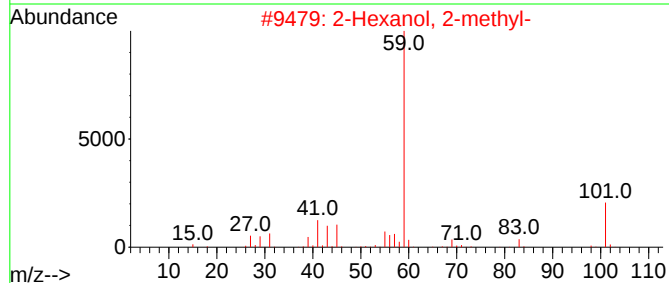
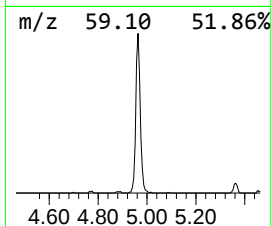
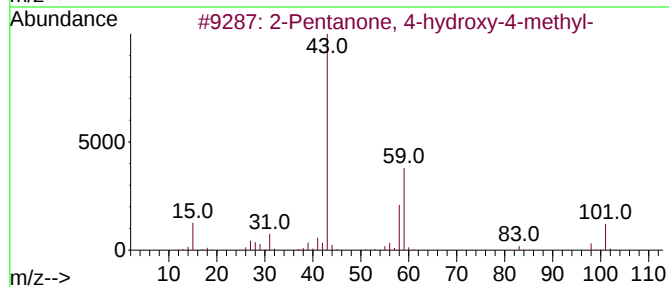
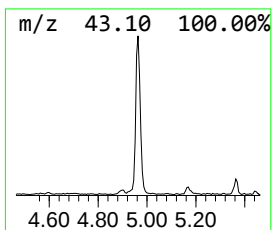
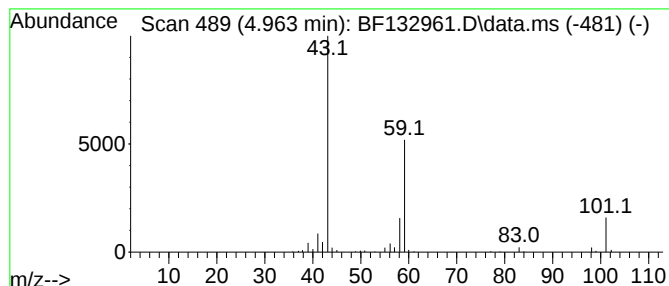
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	2.09 ng	214789	1,4-Dichlorobenzene-d4	6.757

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Acetone	58	C3H6O	000067-64-1	9



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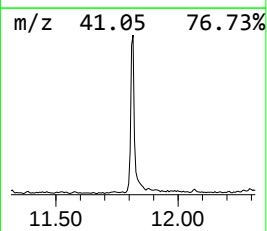
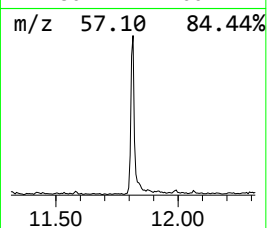
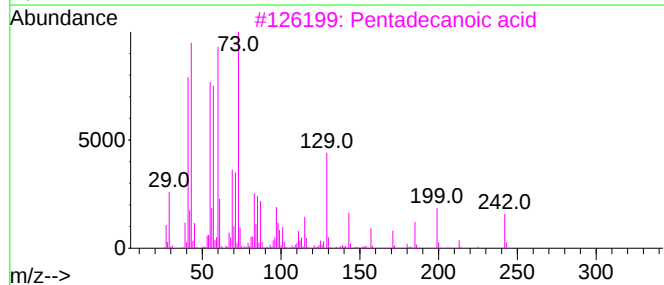
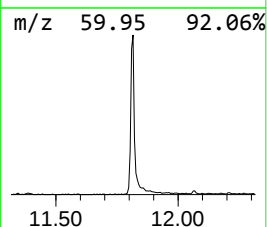
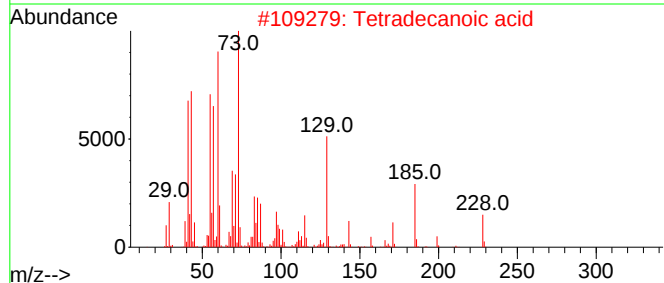
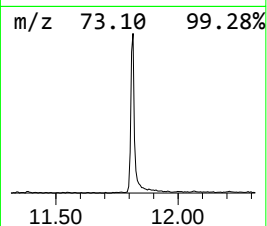
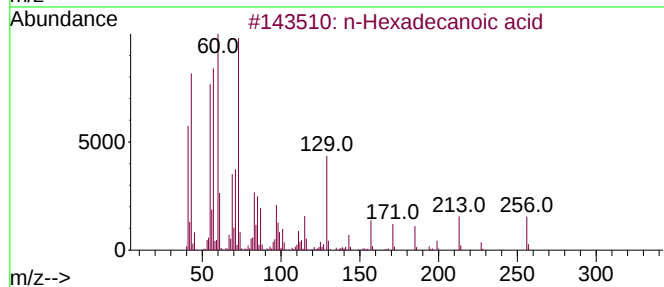
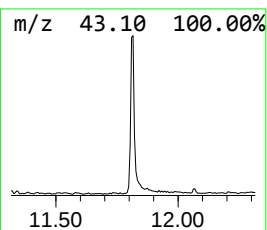
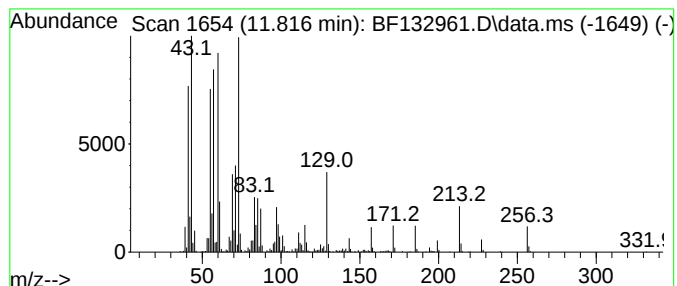
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	6.14 ng	964153	Phenanthrene-d10	11.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	92
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tridecanoic acid	214	C13H26O2	000638-53-9	87
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78



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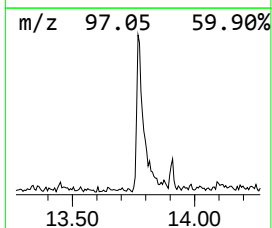
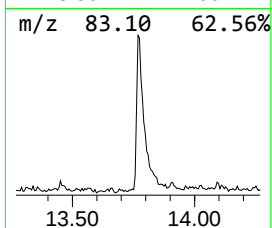
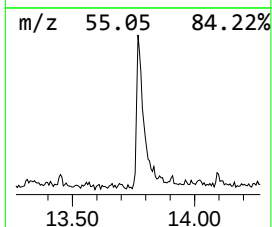
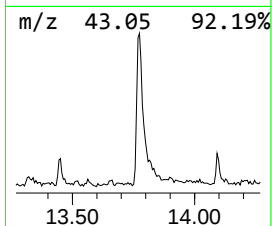
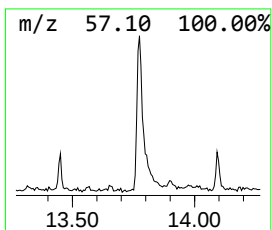
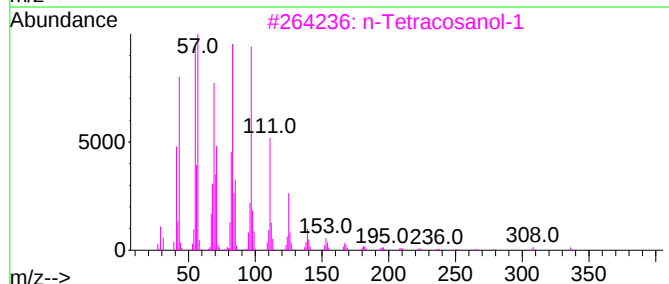
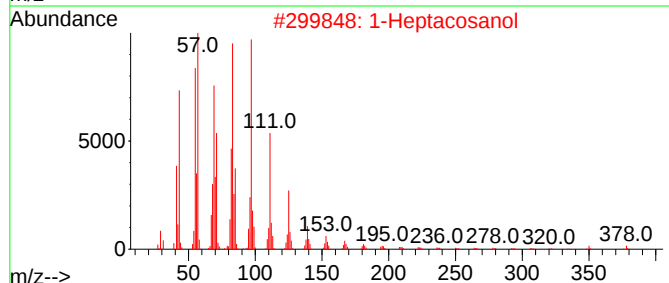
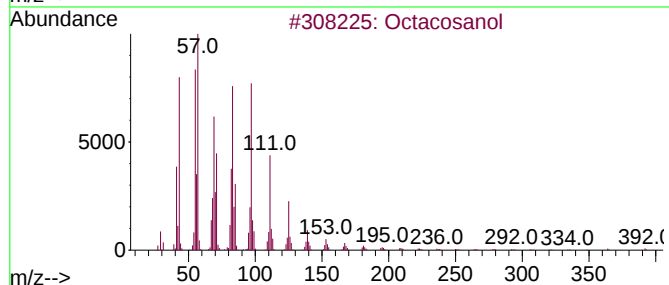
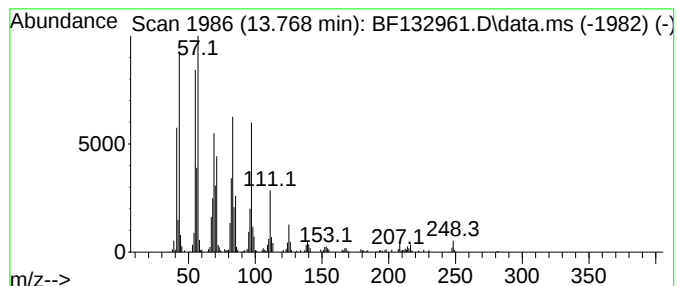
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Peak Number 3 Octacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.769	4.66 ng	538997	Chrysene-d12	13.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosanol	410	C28H58O	000557-61-9	94
2			1-Heptacosanol	396	C27H56O	002004-39-9	91
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
5			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.963	2.1	ng	214789	1	6.757	2052760	20.0
n-Hexadecanoic ...	11.816	6.1	ng	964153	4	11.275	3139230	20.0
Octacosanol	13.769	4.7	ng	538997	5	13.910	2315690	20.0