

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
 Data File : BG060670.D
 Acq On : 15 Mar 2024 19:31
 Operator : MA/JU
 Sample : P1773-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PMW-1

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_G\Methods\8270-BG031324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060670.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.812	402	412	420	rBV	705114	1137890	17.67%	4.162%
2	7.433	680	688	702	rVB	445835	762379	11.84%	2.788%
3	8.321	832	839	849	rVB	328659	575745	8.94%	2.106%
4	9.519	1035	1043	1052	rBV	1140962	2046436	31.77%	7.485%
5	11.164	1312	1323	1332	rBV	506867	941320	14.61%	3.443%
6	13.573	1723	1733	1740	rBV	3285573	5090015	79.03%	18.617%
7	14.948	1958	1967	1976	rBV	815075	1303216	20.23%	4.767%
8	16.429	2211	2219	2230	rBV	2301615	3606425	55.99%	13.191%
9	17.692	2427	2434	2442	rVB	962507	1481858	23.01%	5.420%
10	18.515	2569	2574	2586	rBV2	198282	340720	5.29%	1.246%
11	19.772	2784	2788	2796	rBV2	112706	169200	2.63%	0.619%
12	20.271	2867	2873	2884	rBV	4872943	6440904	100.00%	23.558%
13	21.018	2997	3000	3006	rBV3	49121	65743	1.02%	0.240%
14	21.558	3088	3092	3097	rBV2	117906	180326	2.80%	0.660%
15	22.011	3162	3169	3176	rBV2	825599	1491001	23.15%	5.453%
16	23.767	3462	3468	3475	rVB2	63075	131854	2.05%	0.482%
17	25.565	3764	3774	3788	rVB2	516241	1575898	24.47%	5.764%

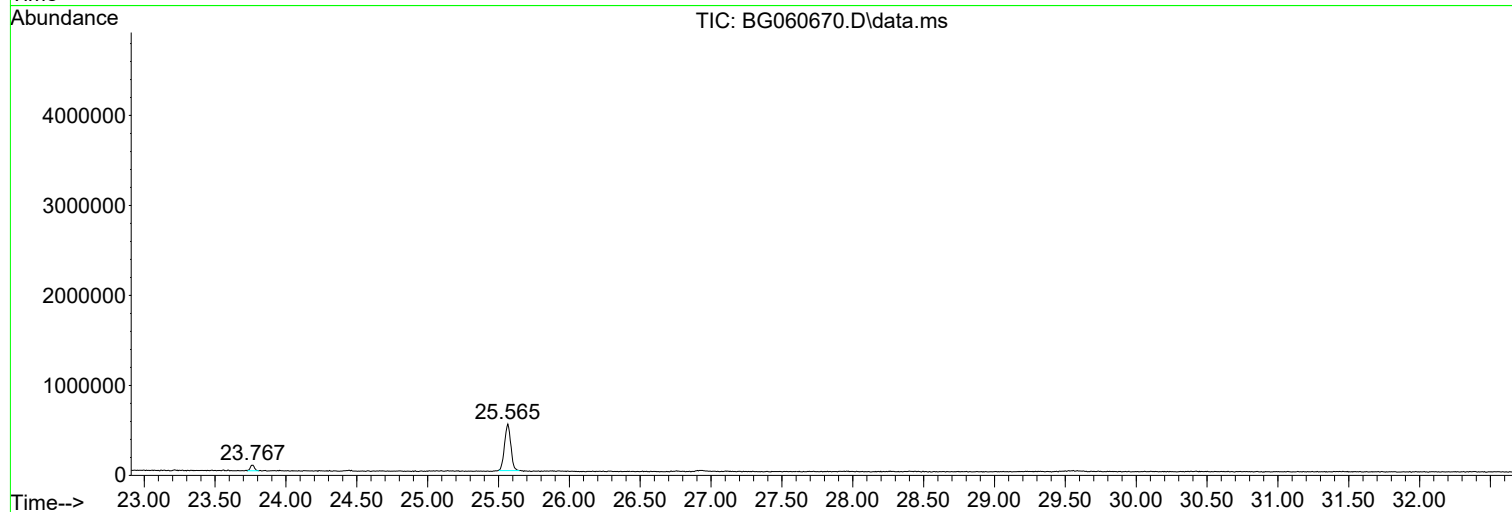
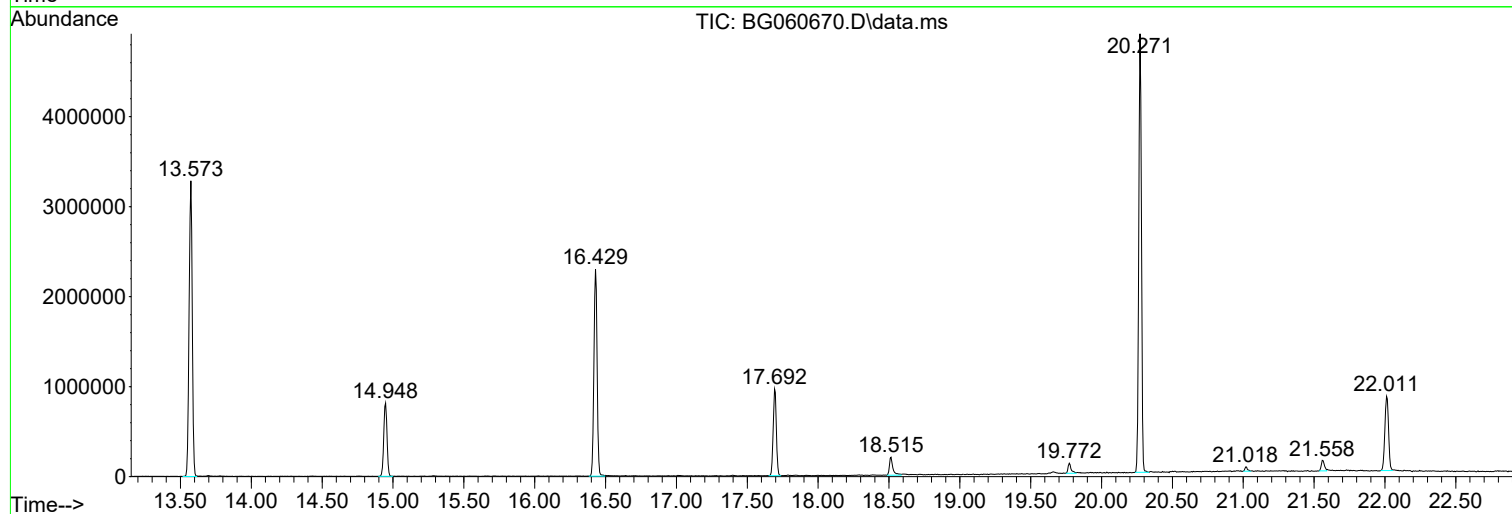
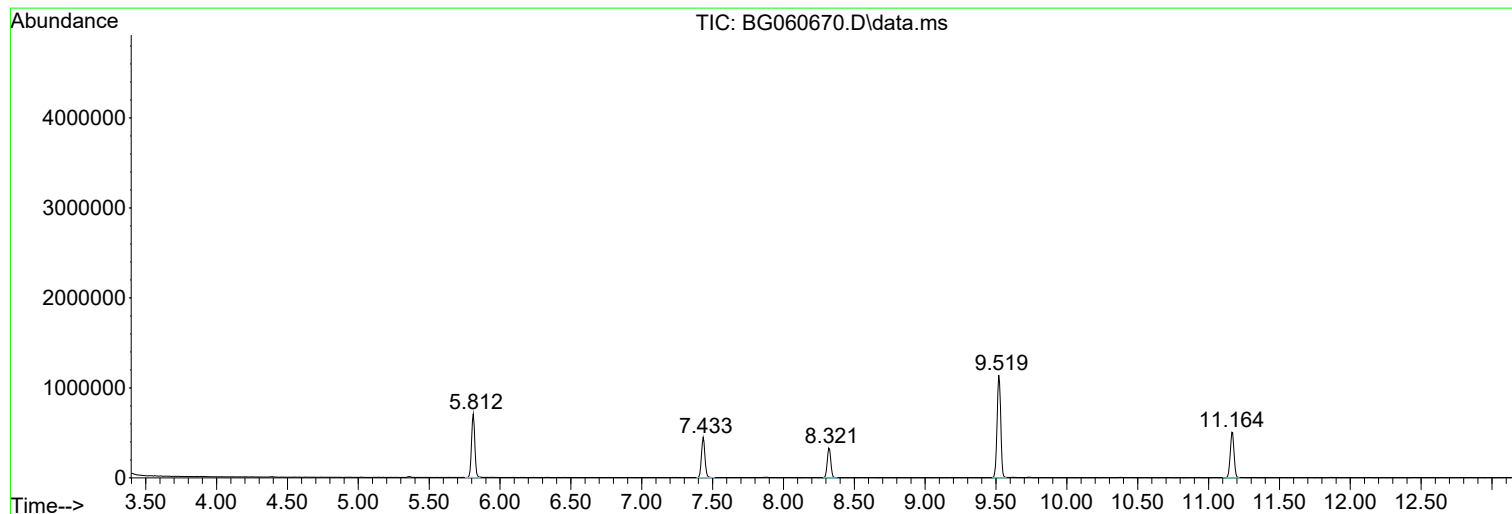
Sum of corrected areas: 27340930

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.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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Instrument :
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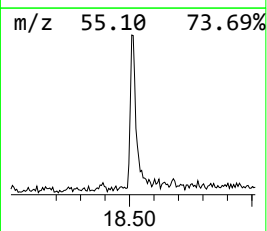
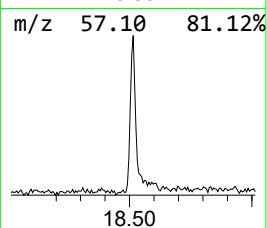
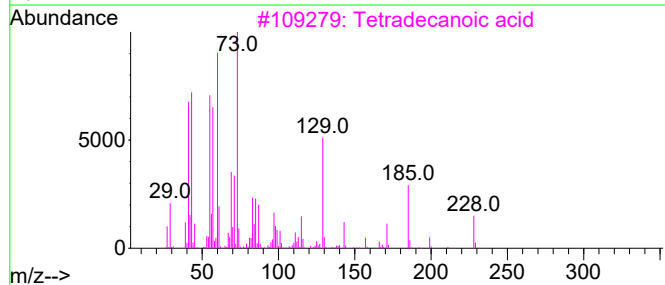
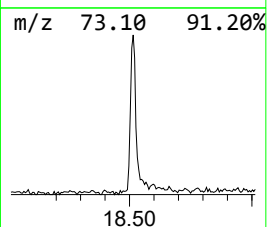
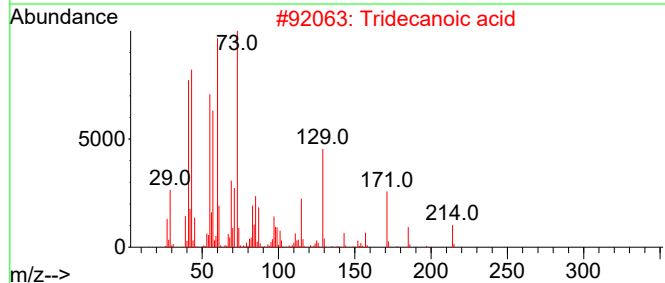
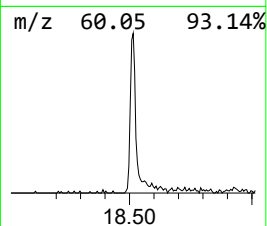
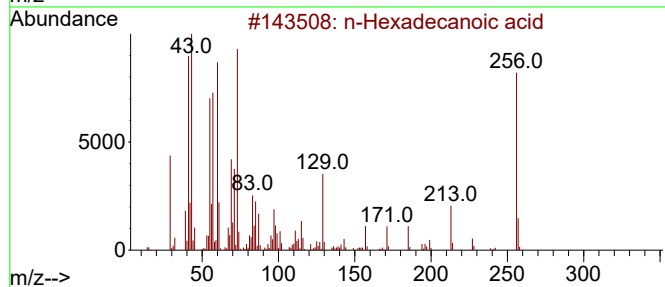
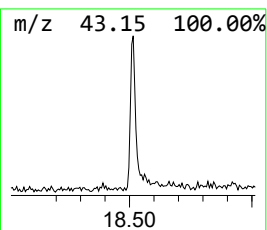
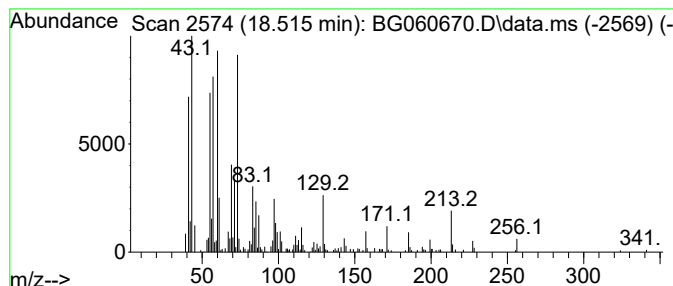
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.515	4.60 ng	340720	Phenanthrene-d10	17.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Tridecanoic acid	214	C13H26O2	000638-53-9	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



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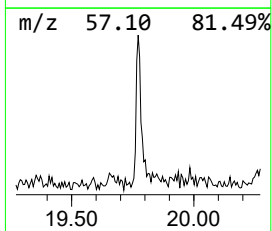
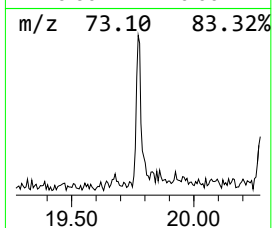
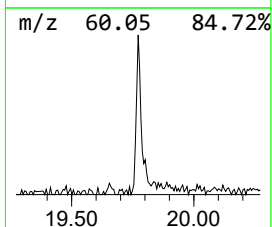
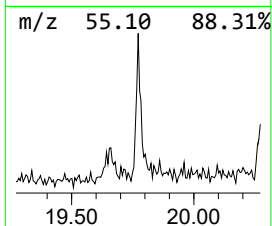
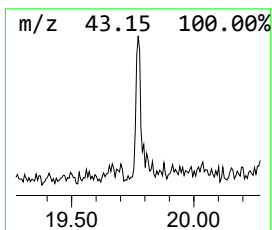
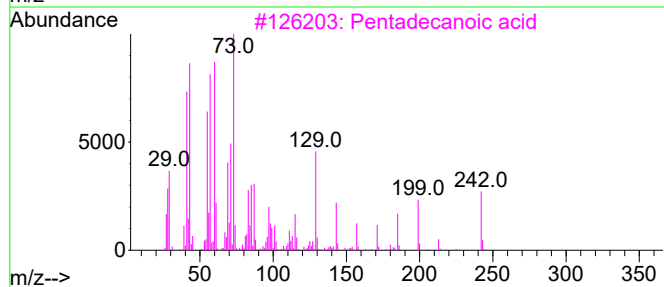
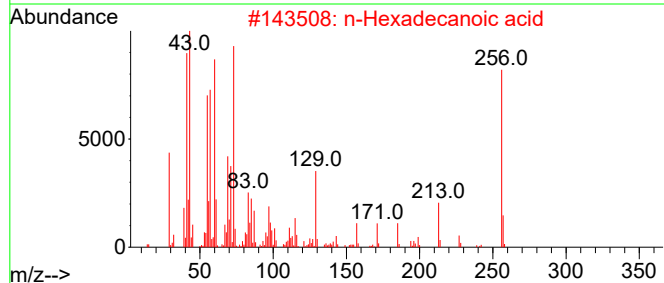
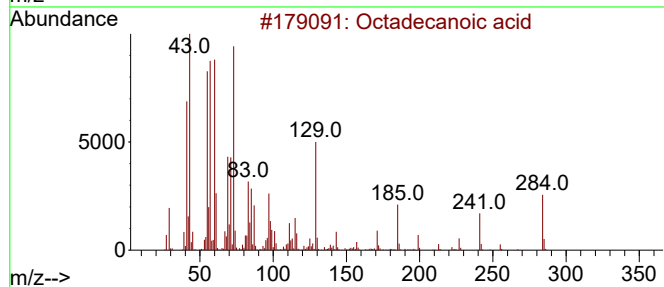
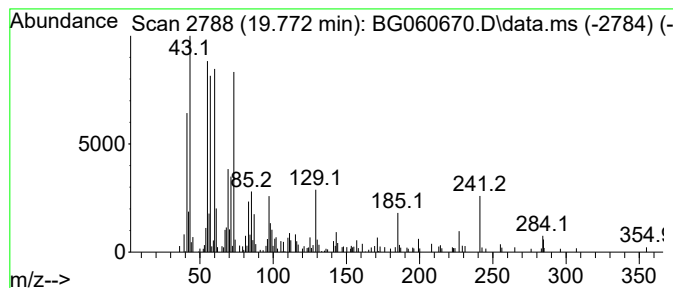
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.772	2.28 ng	169200	Phenanthrene-d10	17.692

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	84
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64



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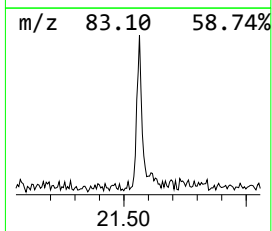
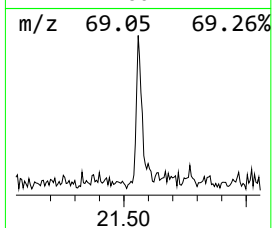
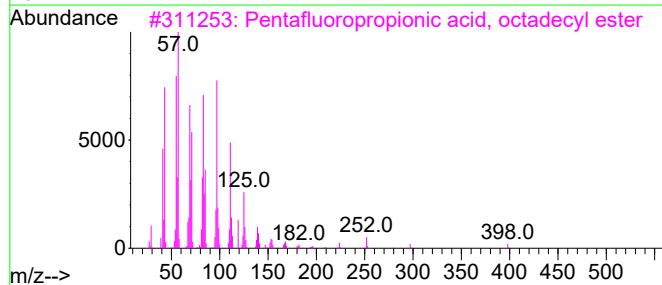
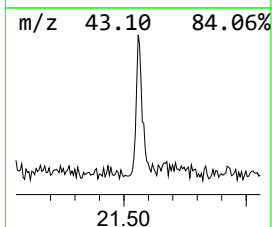
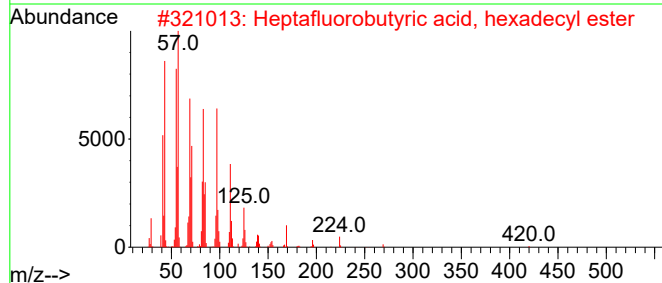
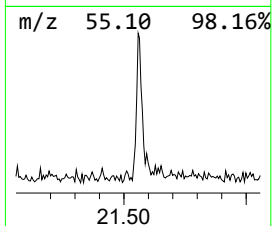
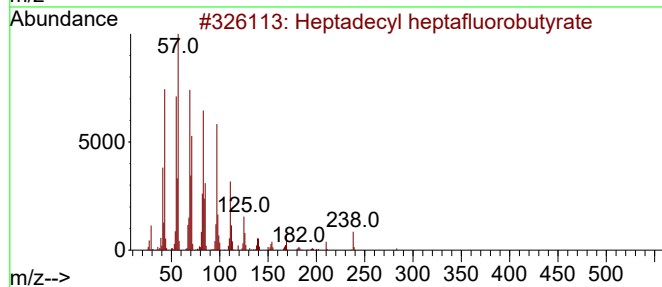
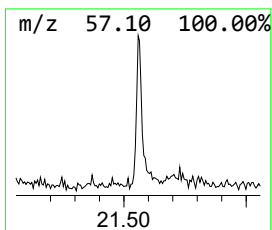
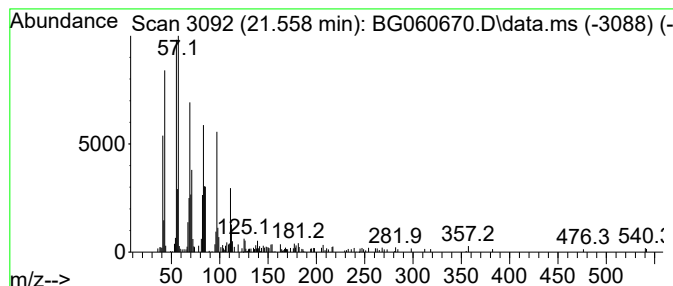
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Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.558	2.42 ng	180326	Chrysene-d12	22.011

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
2			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87
3			Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	87
4			Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	86
5			Heneicosyl trifluoroacetate	408	C23H43F3O2	1000351-76-5	86



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.515	4.6	ng	340720	4	17.692	1481860	20.0
Octadecanoic acid	19.772	2.3	ng	169200	4	17.692	1481860	20.0
Heptadecyl hept...	21.558	2.4	ng	180326	5	22.011	1491000	20.0