

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019273.D
 Acq On : 20 Mar 2019 21:58
 Operator : JU/SJ
 Sample : K1964-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-11

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-BM031119.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.234	376	382	399	rBV	2119262	3108235	17.53%	3.825%
2	6.816	644	651	672	rBV	1323633	2232690	12.59%	2.747%
3	7.169	704	711	726	rBV	4307816	6805482	38.37%	8.374%
4	7.634	783	790	799	rBV	859168	1309176	7.38%	1.611%
5	7.945	836	843	854	rBV	3415749	5497069	31.00%	6.764%
6	8.804	982	989	1004	rBV	3062027	5036253	28.40%	6.197%
7	10.416	1256	1263	1277	rBV	1110126	1991881	11.23%	2.451%
8	12.904	1679	1686	1699	rBV	9119161	13057185	73.62%	16.067%
9	14.292	1915	1922	1929	rBV2	1910421	2962672	16.71%	3.646%
10	15.792	2171	2177	2196	rBV	8045353	10802831	60.91%	13.293%
11	17.045	2384	2390	2403	rBV2	2428245	3518188	19.84%	4.329%
12	17.939	2537	2542	2551	rBV	529956	795940	4.49%	0.979%
13	19.227	2757	2761	2769	rBV	360046	584839	3.30%	0.720%
14	19.692	2833	2840	2844	rBV	14391269	17735050	100.00%	21.824%
15	20.950	3051	3054	3062	rVB2	204181	265995	1.50%	0.327%
16	21.245	3100	3104	3113	rBV	2307189	2994076	16.88%	3.684%
17	23.474	3477	3483	3491	rVB2	1344279	2567627	14.48%	3.160%

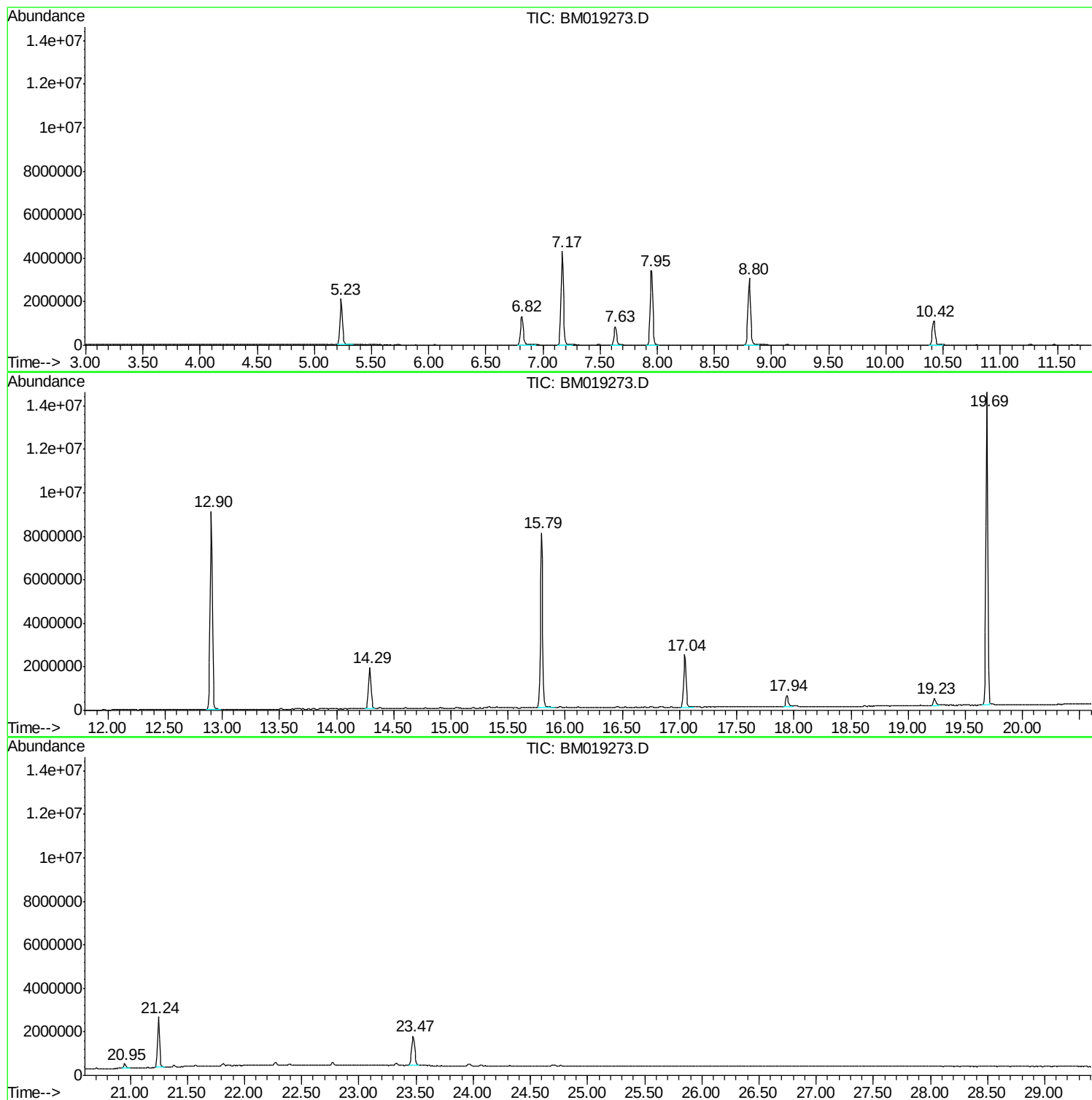
Sum of corrected areas: 81265189

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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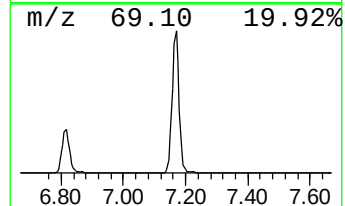
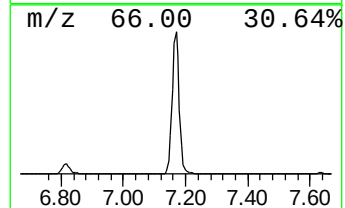
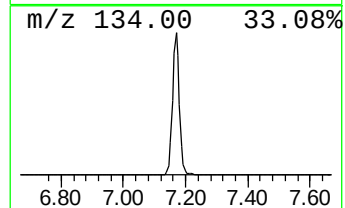
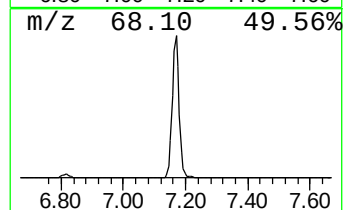
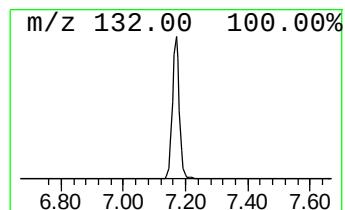
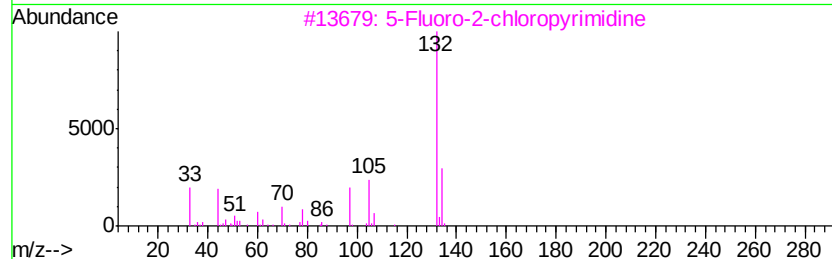
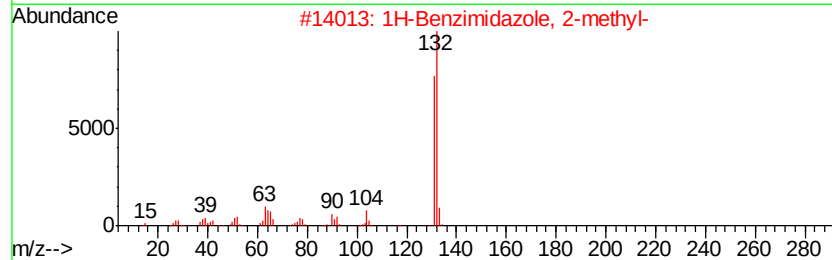
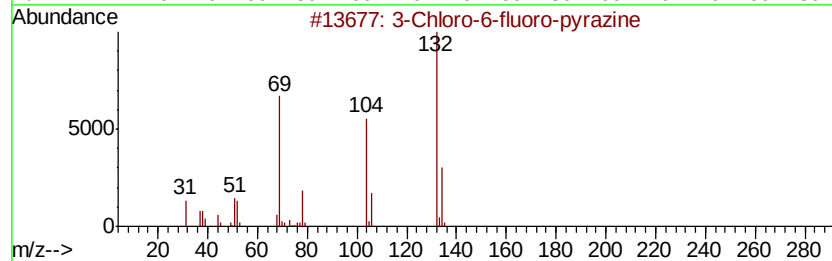
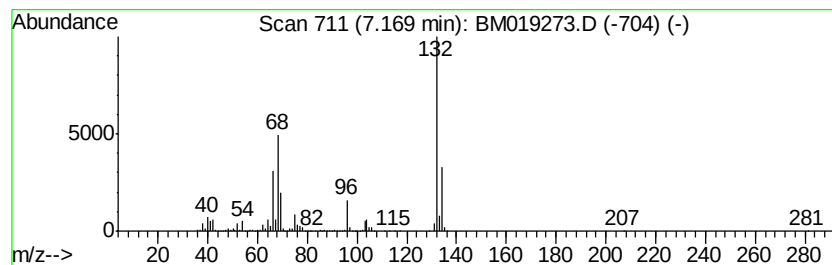
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	103.97 ng	6805480	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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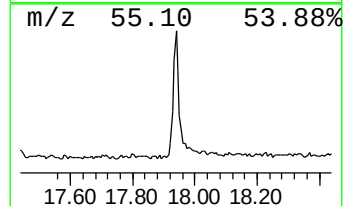
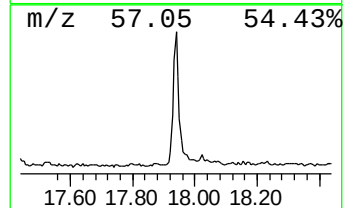
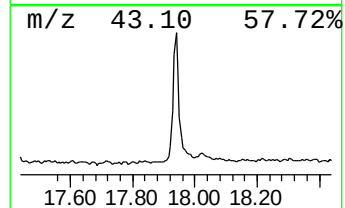
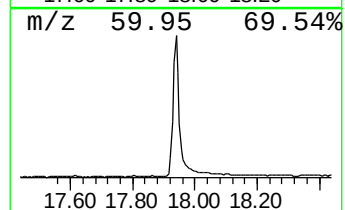
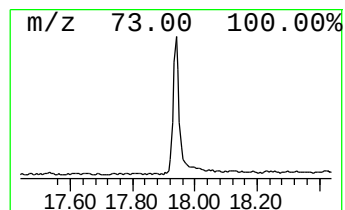
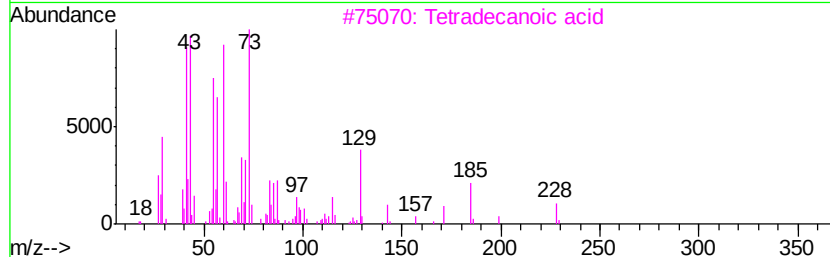
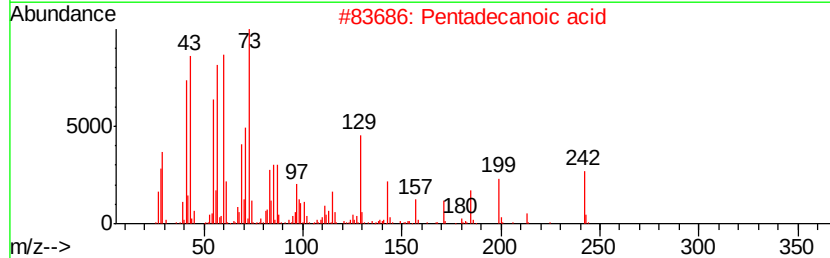
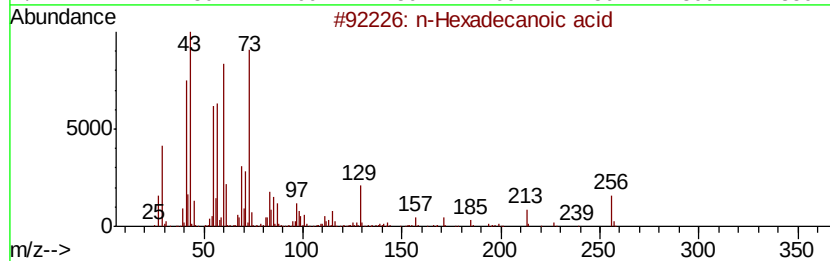
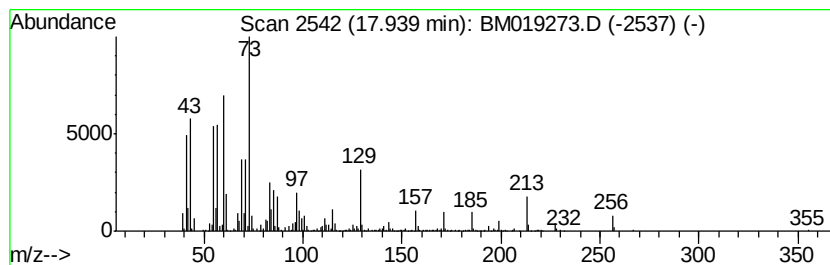
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.94	4.52 ng	795940	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43



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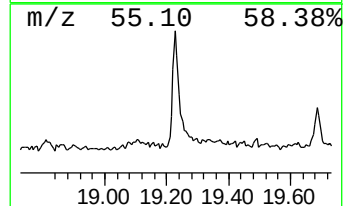
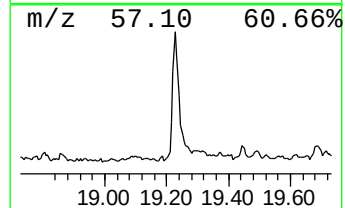
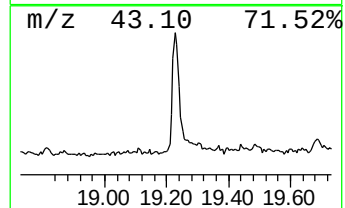
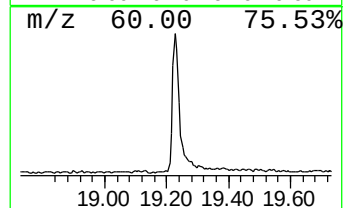
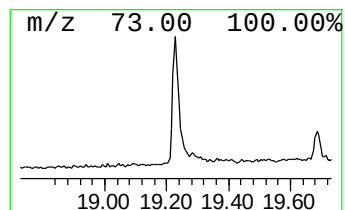
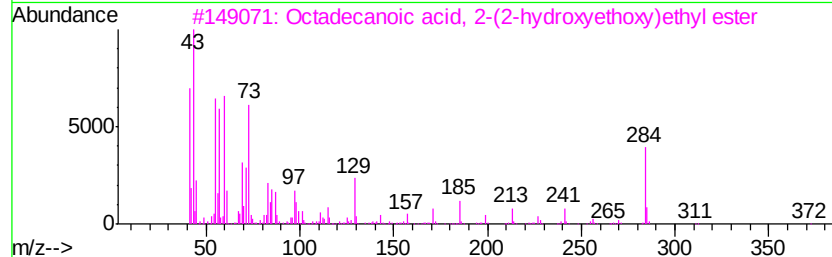
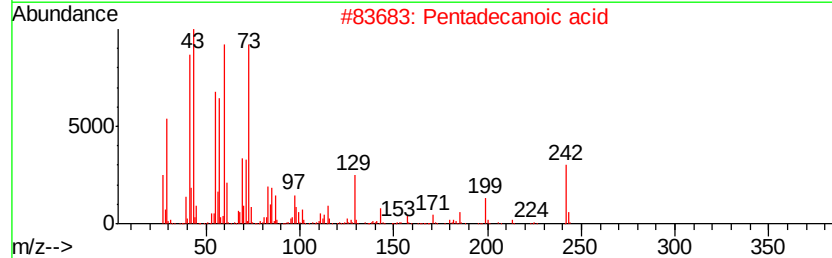
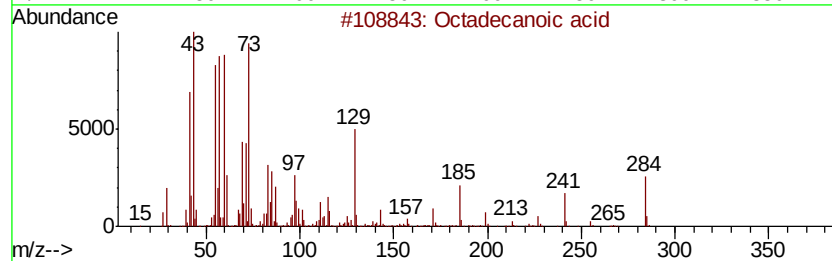
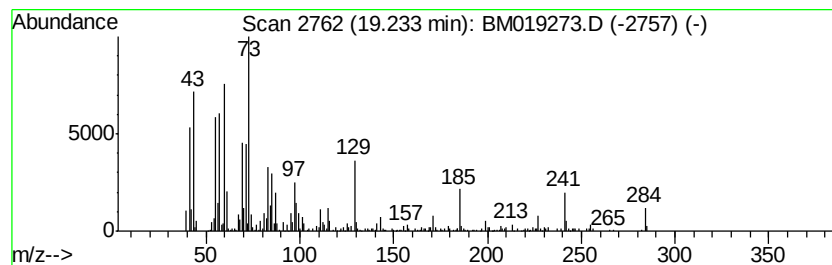
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Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.23	3.91 ng	584839	Chrysene-d12	21.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.17	7.17	104.0	ng	6805480	1	7.63	1309180	20.0
n-Hexadecanoic acid	17.94	4.5	ng	795940	4	17.04	3518190	20.0
Octadecanoic acid	19.23	3.9	ng	584839	5	21.24	2994080	20.0