

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
 Data File : BM050085.D
 Acq On : 02 May 2025 14:39
 Operator : RC/JU
 Sample : Q1914-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-9

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-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050085.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	312	320	328	rBV	319445	458371	3.17%	0.562%
2	5.340	393	400	414	rBV	3170587	4795077	33.12%	5.874%
3	6.934	662	671	691	rBV	3022104	5290825	36.55%	6.482%
4	7.745	801	809	818	rBV	1469140	2309816	15.96%	2.830%
5	8.904	999	1006	1024	rBV	1815947	3336084	23.04%	4.087%
6	10.539	1274	1284	1300	rBV	1821226	3195068	22.07%	3.914%
7	13.010	1697	1704	1720	rBV	6144208	9222716	63.71%	11.299%
8	14.392	1930	1939	1947	rBV	3105203	4696643	32.44%	5.754%
9	15.757	2165	2171	2183	rBV	645450	918368	6.34%	1.125%
10	15.892	2187	2194	2216	rBV	5199218	8272578	57.14%	10.135%
11	17.145	2400	2407	2411	rBV	3989946	5779463	39.92%	7.080%
12	17.186	2411	2414	2421	rVB	432942	600480	4.15%	0.736%
13	17.280	2426	2430	2435	rVB	126300	194753	1.35%	0.239%
14	18.045	2552	2560	2568	rBV2	731722	1389550	9.60%	1.702%
15	18.109	2568	2571	2575	rVB	111453	149010	1.03%	0.183%
16	18.215	2584	2589	2593	rBV2	132604	226768	1.57%	0.278%
17	18.462	2627	2631	2638	rBV2	154275	228662	1.58%	0.280%
18	19.203	2752	2757	2764	rBV	1217404	1603710	11.08%	1.965%
19	19.321	2773	2777	2781	rBV2	160685	227635	1.57%	0.279%
20	19.568	2810	2819	2828	rBV	1050511	1743780	12.05%	2.136%
21	19.768	2847	2853	2859	rBV	11849415	14476885	100.00%	17.735%
22	20.062	2901	2903	2909	rVB	182467	245155	1.69%	0.300%
23	21.056	3069	3072	3080	rVB4	384535	608063	4.20%	0.745%
24	21.286	3107	3111	3117	rVB	904254	1141891	7.89%	1.399%
25	21.386	3121	3128	3132	rBV	4020247	6218433	42.95%	7.618%
26	24.374	3629	3636	3653	rVB	1632972	4297594	29.69%	5.265%

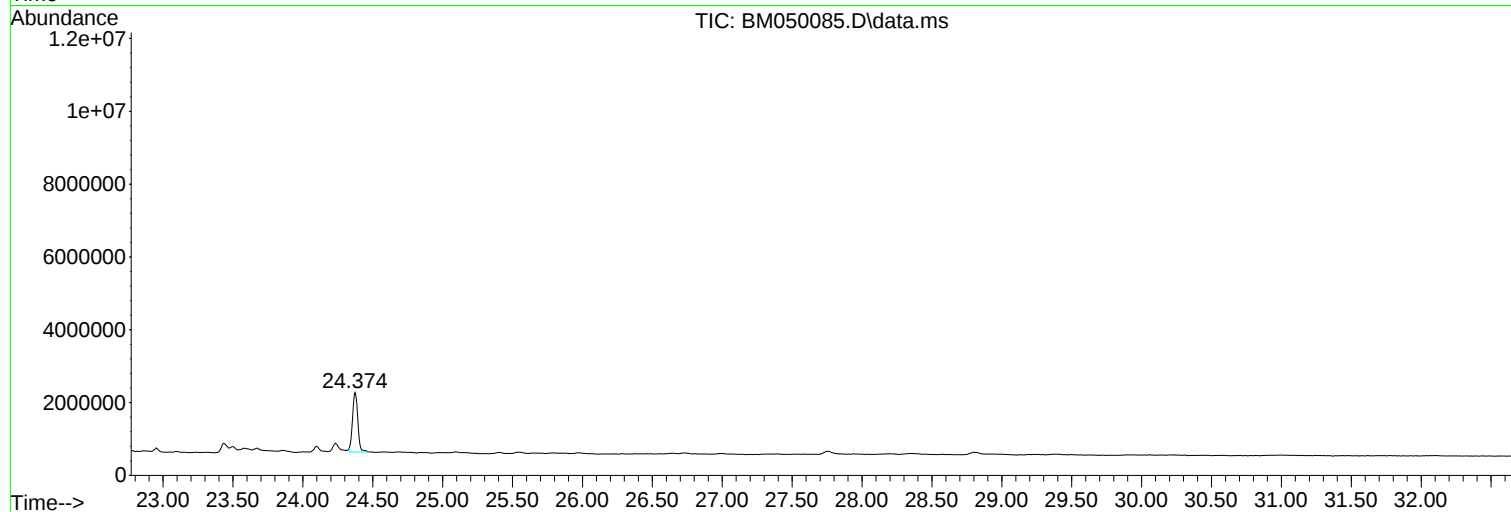
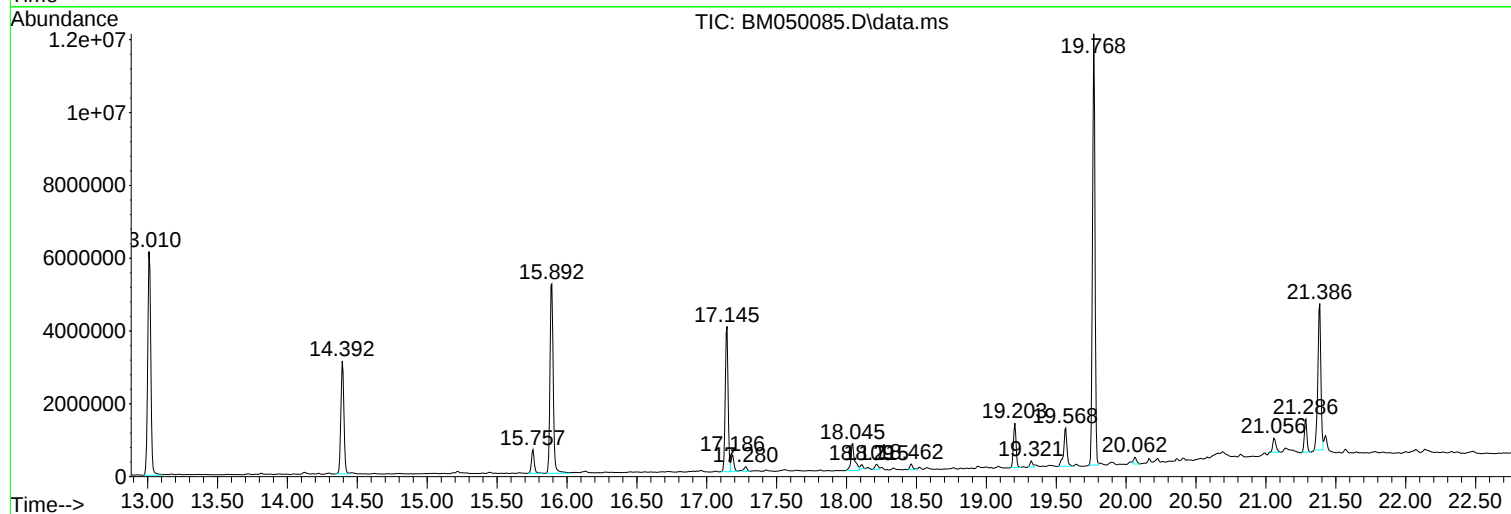
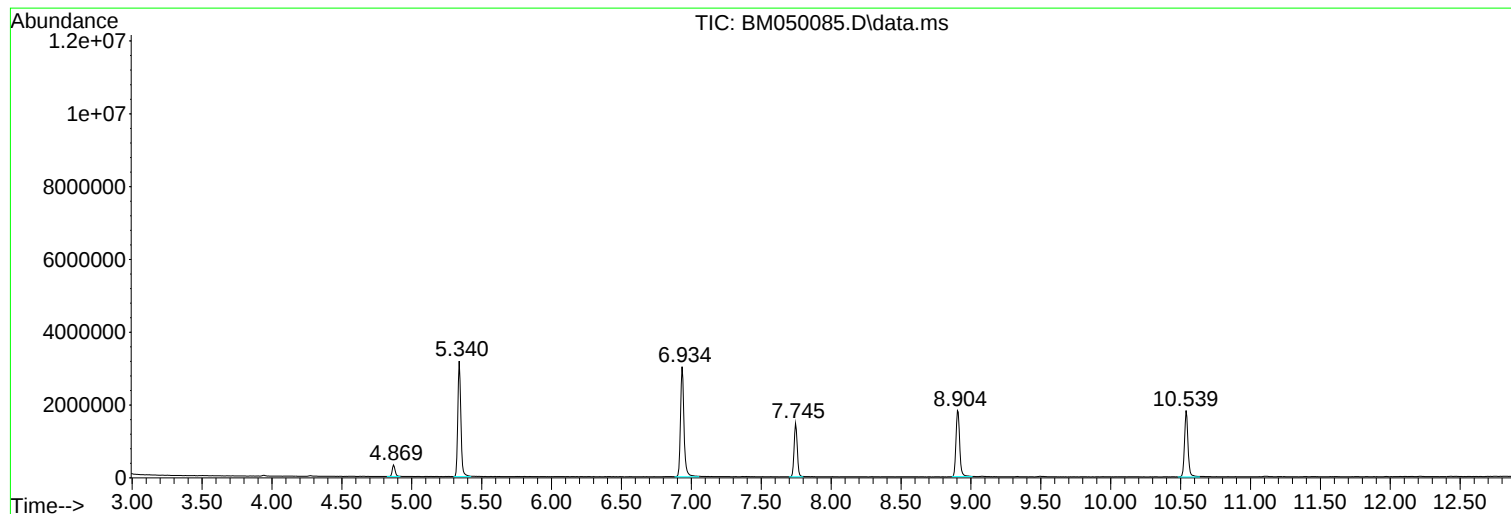
Sum of corrected areas: 81627378

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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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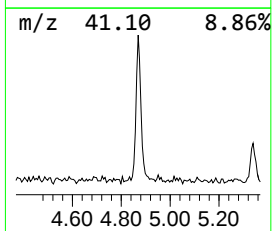
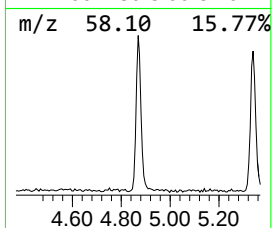
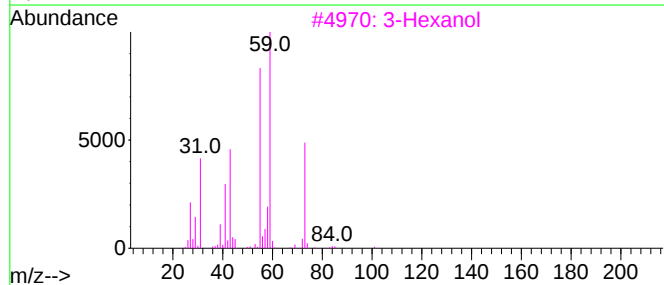
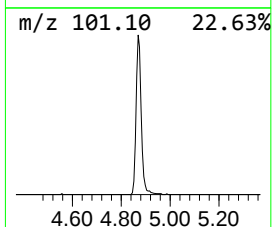
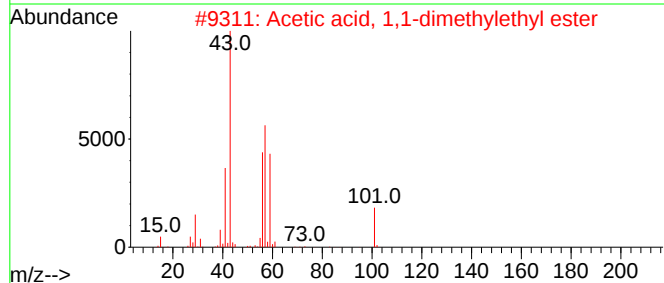
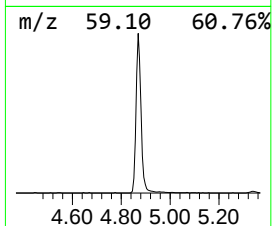
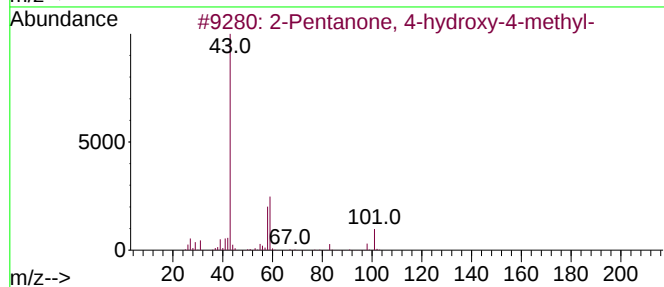
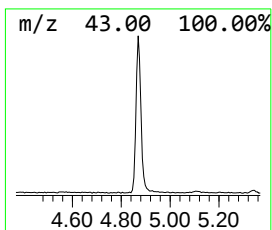
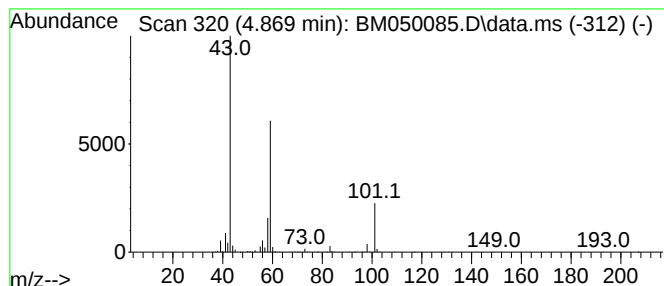
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	3.97 ng	458371	1,4-Dichlorobenzene-d4	7.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
3	3-Hexanol	102	C6H14O	000623-37-0	28		
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25		
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23		



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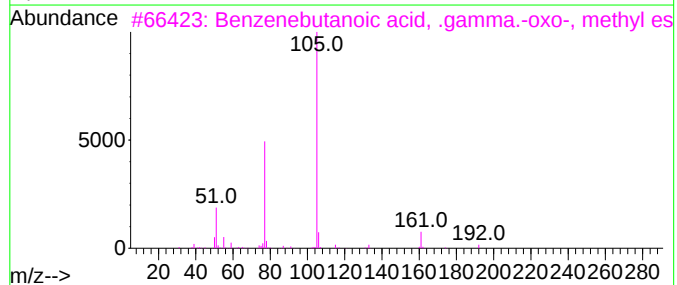
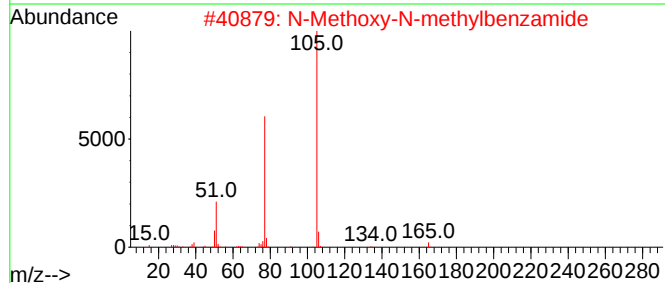
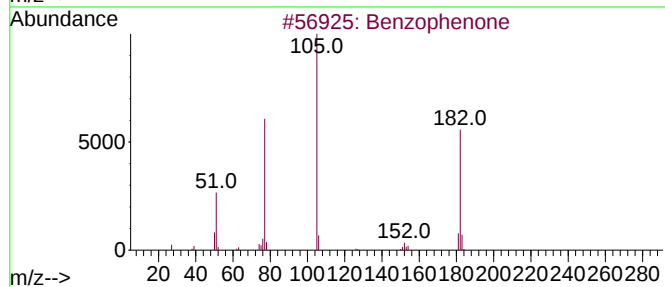
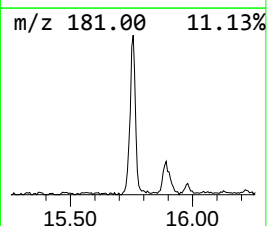
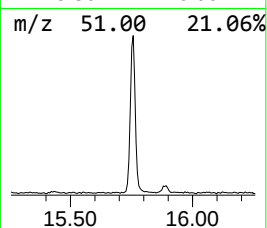
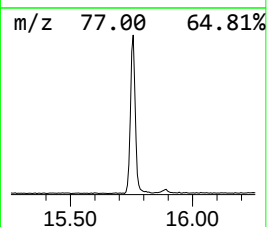
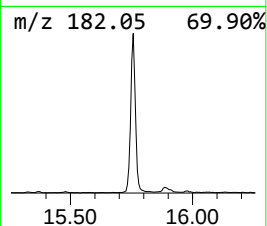
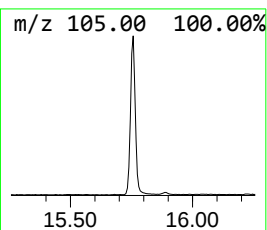
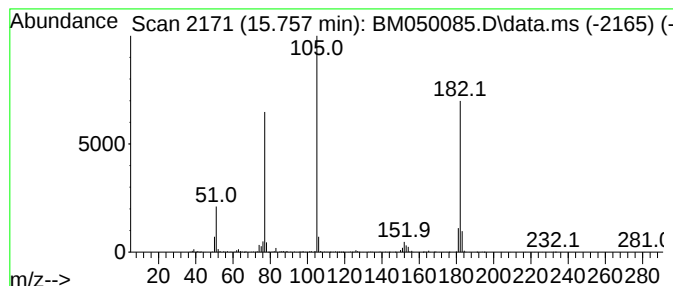
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Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	3.91 ng	918368	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	46
3			Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	43
4			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43
5			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43



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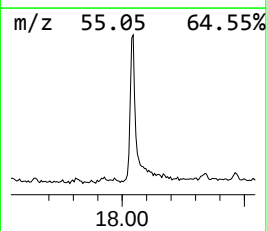
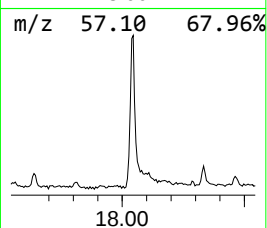
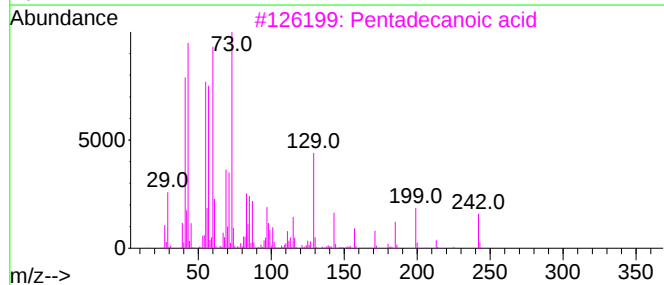
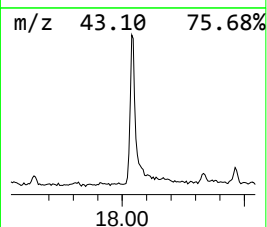
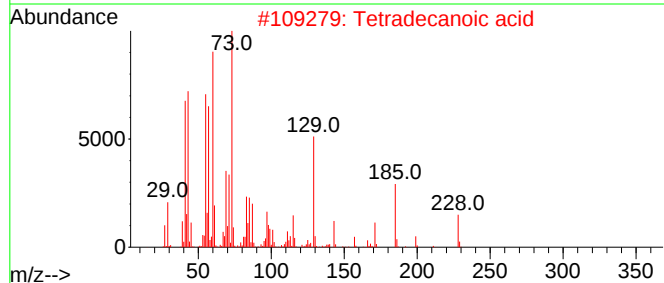
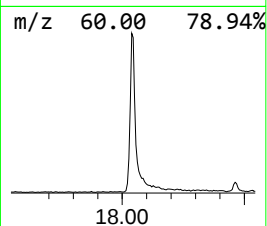
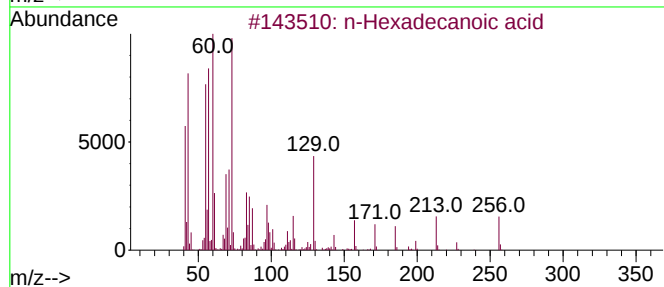
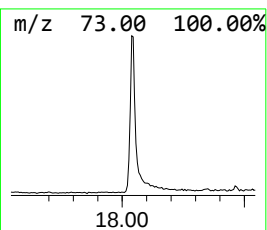
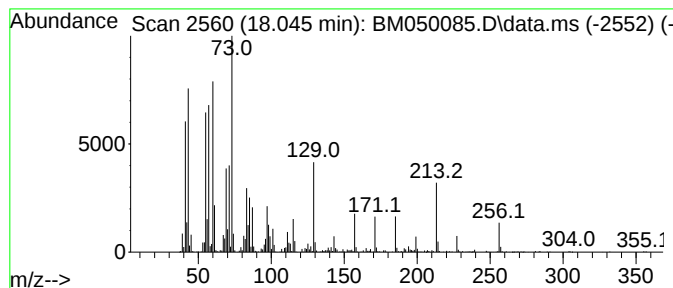
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.045	4.81 ng	1389550	Phenanthrene-d10	17.145	
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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	4.0	ng	458371	1	7.745	2309820	20.0
Benzophenone	15.757	3.9	ng	918368	3	14.392	4696640	20.0
n-Hexadecanoic ...	18.045	4.8	ng	1389550	4	17.145	5779460	20.0