

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032624\
 Data File : BM044771.D
 Acq On : 26 Mar 2024 16:36
 Operator : MA/JU
 Sample : P1864-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ229-72-11976

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-BM031324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM044771.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.522	71	74	87	rVB	46421	81781	1.58%	0.264%
2	5.299	369	376	388	rBV	2143675	3119759	60.19%	10.079%
3	6.869	635	643	656	rBV	1959242	3144993	60.68%	10.161%
4	7.687	773	782	789	rBV	575277	900591	17.38%	2.910%
5	8.845	971	979	994	rBV	1165024	1989866	38.39%	6.429%
6	10.269	1216	1221	1229	rBV2	25269	56342	1.09%	0.182%
7	10.469	1247	1255	1268	rBV	669971	1165096	22.48%	3.764%
8	12.951	1665	1677	1689	rBV	2484074	3856333	74.40%	12.459%
9	14.333	1906	1912	1920	rVB	900766	1354019	26.12%	4.375%
10	15.116	2040	2045	2051	rBV5	32385	52833	1.02%	0.171%
11	15.833	2161	2167	2175	rBV	2093932	3028966	58.44%	9.786%
12	16.080	2203	2209	2213	rVB5	31599	58896	1.14%	0.190%
13	16.904	2346	2349	2362	rVB5	30103	62297	1.20%	0.201%
14	17.092	2375	2381	2387	rBV	1092661	1579677	30.48%	5.104%
15	17.998	2530	2535	2546	rBV	524189	848888	16.38%	2.743%
16	19.286	2751	2754	2763	rBV	185479	284419	5.49%	0.919%
17	19.733	2825	2830	2838	rBV	4264141	5183147	100.00%	16.746%
18	21.015	3045	3048	3055	rVB	398541	481685	9.29%	1.556%
19	21.292	3090	3095	3103	rBV	1274937	1760122	33.96%	5.687%
20	23.539	3471	3477	3490	rVB	991835	1941998	37.47%	6.274%

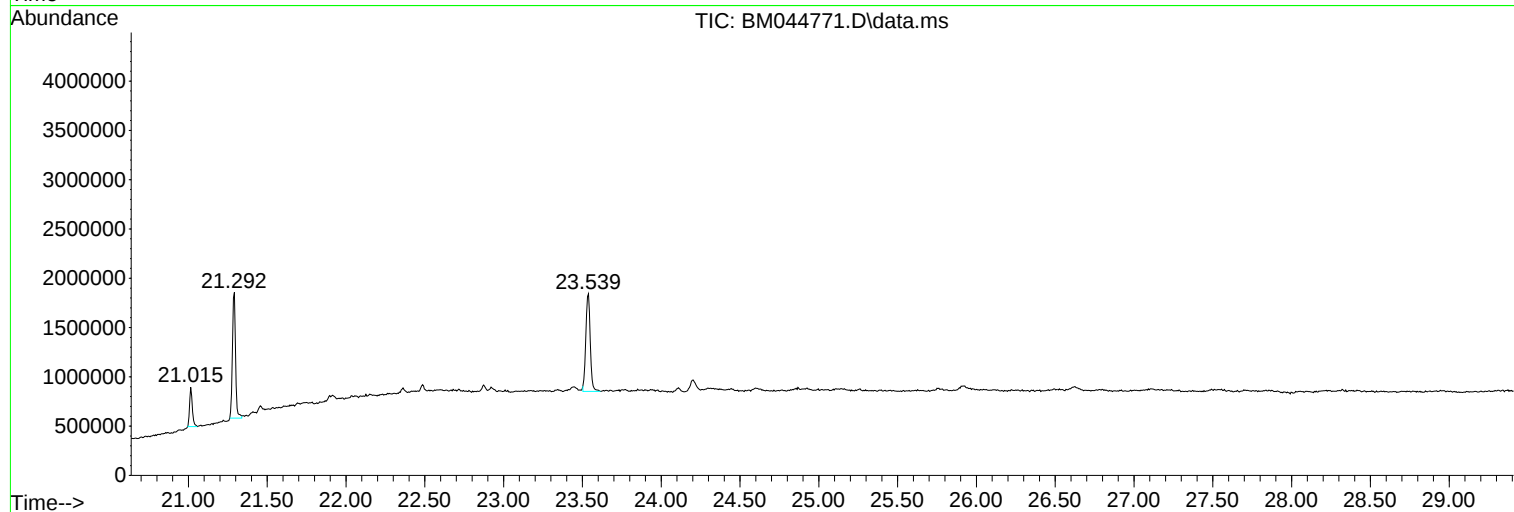
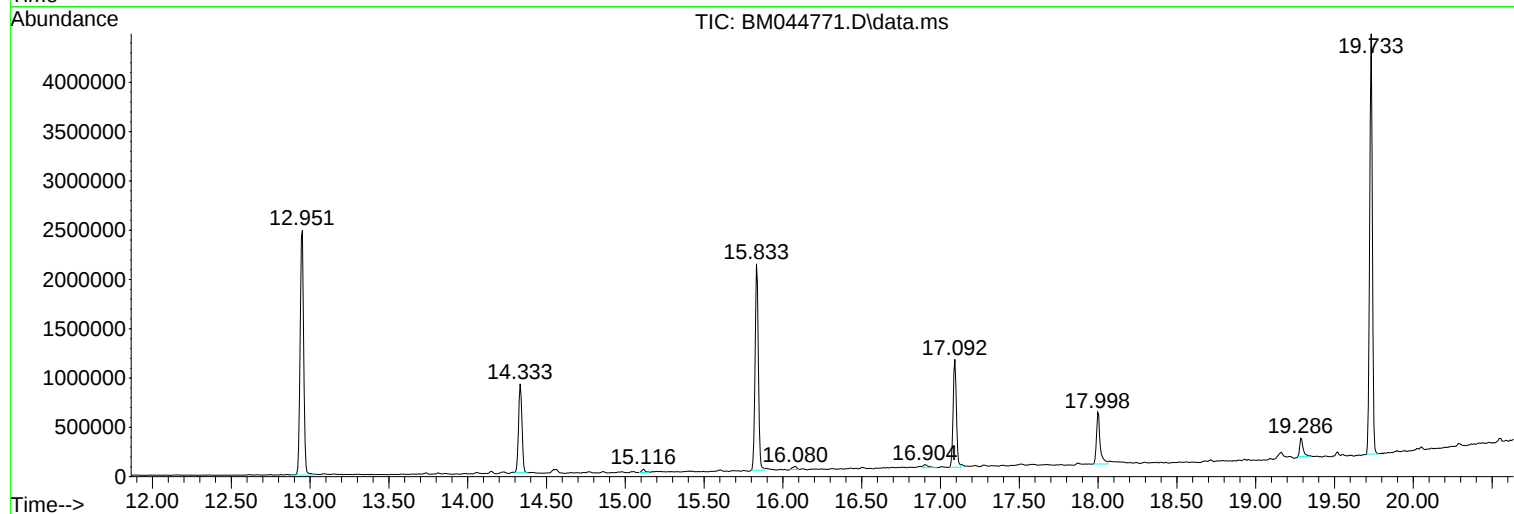
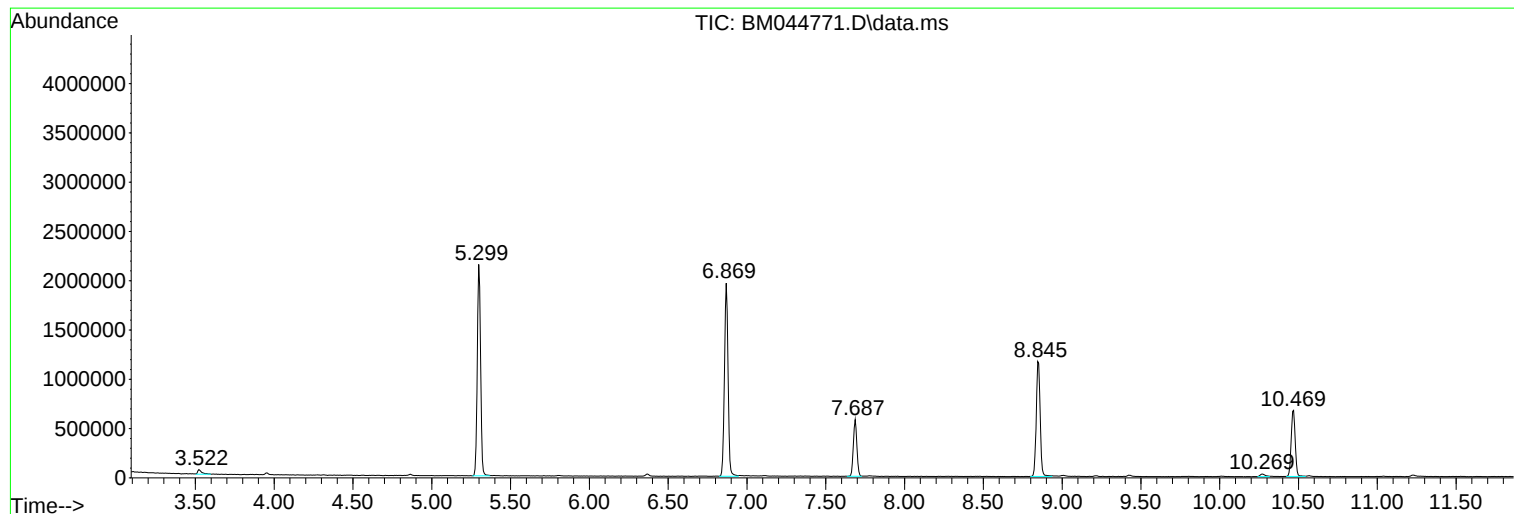
Sum of corrected areas: 30951708

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.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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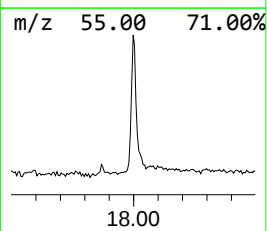
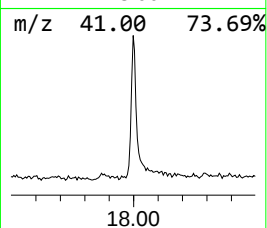
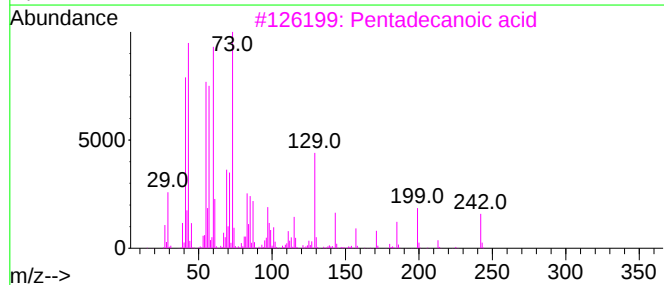
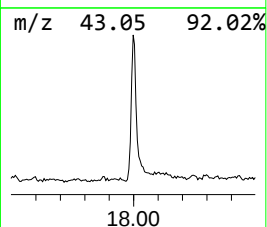
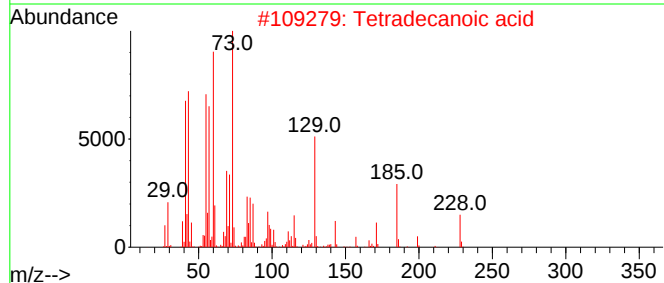
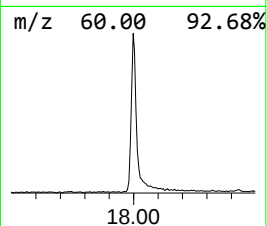
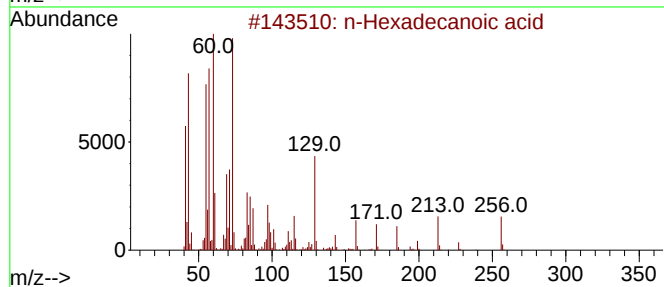
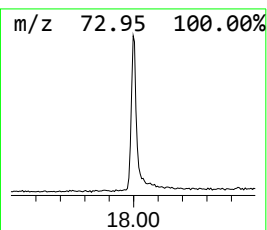
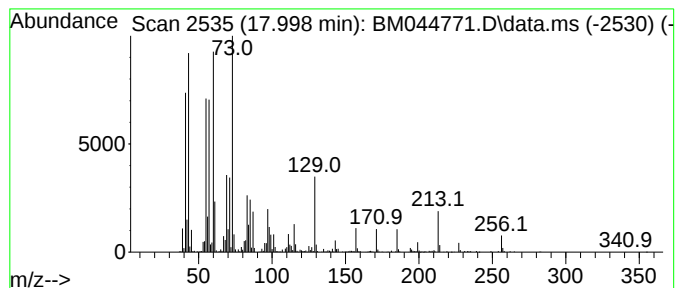
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
17.998	10.75 ng	848888	Phenanthrene-d10	17.092

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	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Dodecanoic acid	200	C12H24O2	000143-07-7	59



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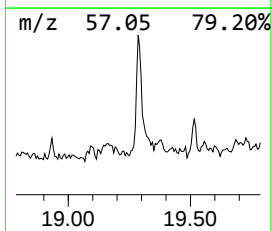
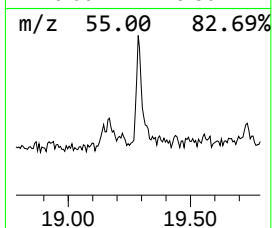
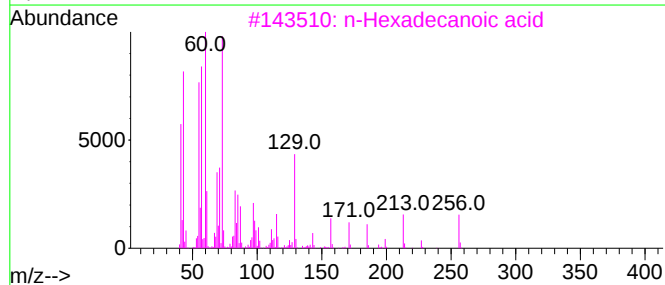
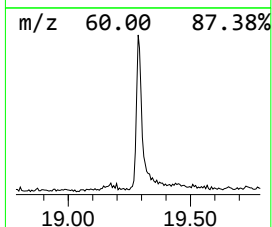
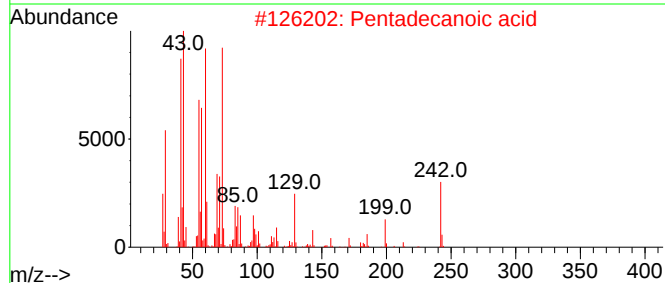
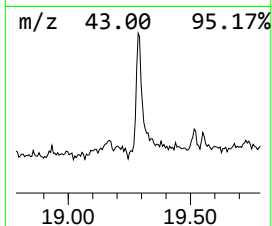
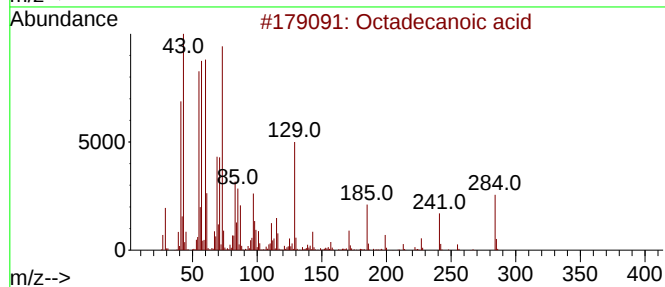
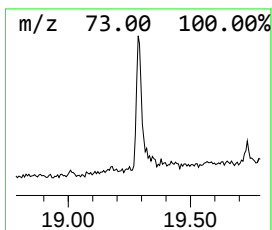
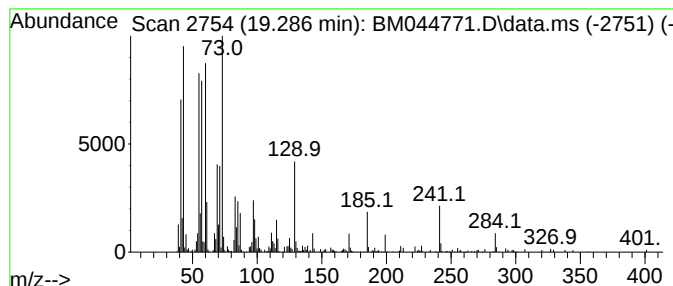
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.286	3.23 ng	284419	Chrysene-d12	21.292

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	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			Nonadecanoic acid	298	C19H38O2	000646-30-0	86
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	83



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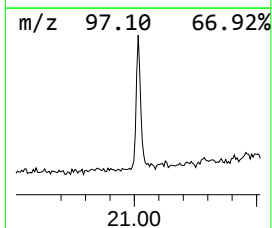
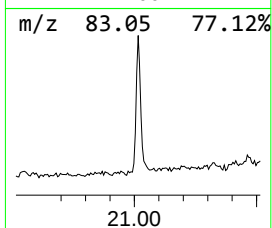
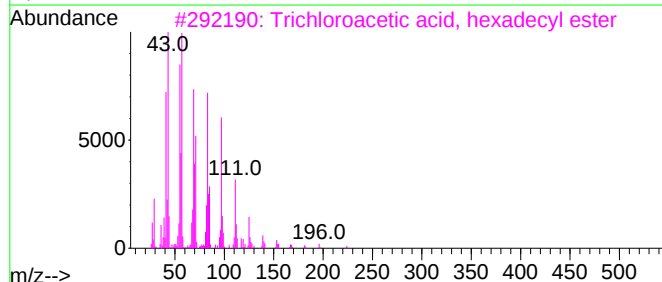
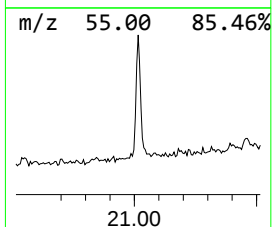
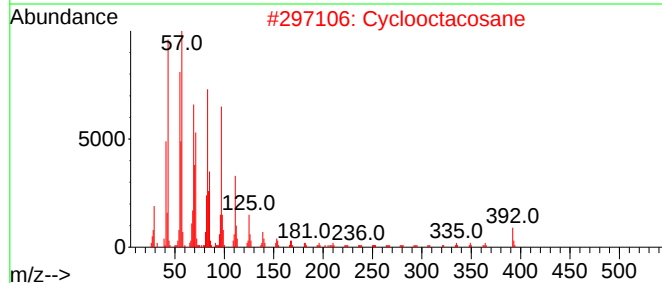
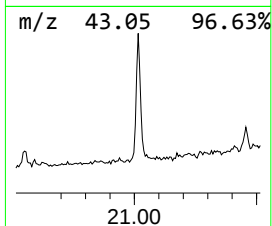
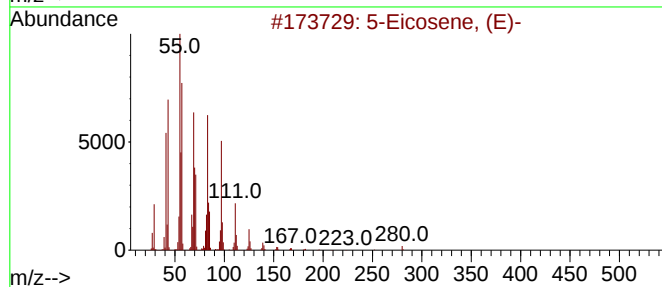
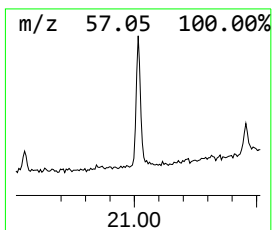
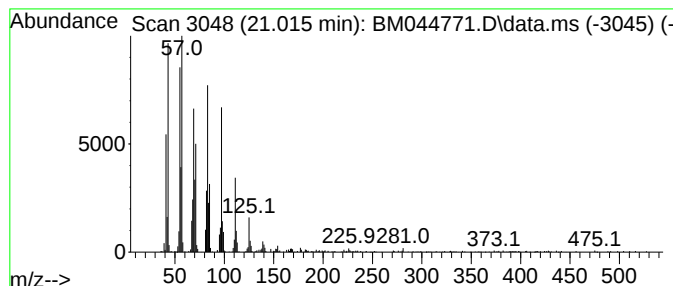
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Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.015	5.47 ng	481685	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2			Cyclooctacosane	392	C28H56	000297-24-5	95
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4			1-Docosene	308	C22H44	001599-67-3	91
5			Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.998	10.8	ng	848888	4	17.092	1579680	20.0
Octadecanoic acid	19.286	3.2	ng	284419	5	21.292	1760120	20.0
5-Eicosene, (E)-	21.015	5.5	ng	481685	5	21.292	1760120	20.0