

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058558.D
 Acq On : 1 Aug 2023 11:56
 Operator : MA/JU
 Sample : 03769-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P30B

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-BG072823.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058558.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.380	384	390	406	rBV	726039	1177111	49.19%	8.396%
2	6.984	655	663	683	rBV	692520	1216386	50.84%	8.676%
3	7.813	796	804	813	rBV	200675	336208	14.05%	2.398%
4	8.976	994	1002	1018	rBV	388671	726112	30.35%	5.179%
5	10.615	1273	1281	1294	rBV	266220	497323	20.78%	3.547%
6	13.077	1693	1700	1712	rBV	1024130	1649684	68.94%	11.767%
7	13.911	1835	1842	1851	rBV	157602	236724	9.89%	1.689%
8	14.458	1929	1935	1948	rBV	457863	719360	30.06%	5.131%
9	15.950	2182	2189	2204	rBV	803208	1322562	55.27%	9.434%
10	17.207	2396	2403	2410	rBV	553933	862627	36.05%	6.153%
11	18.095	2550	2554	2564	rBV4	48773	115621	4.83%	0.825%
12	19.270	2748	2754	2758	rBV2	60964	79148	3.31%	0.565%
13	19.628	2811	2815	2821	rVB2	21010	29500	1.23%	0.210%
14	19.828	2842	2849	2861	rBV	1741249	2392801	100.00%	17.068%
15	20.128	2894	2900	2904	rBV	30610	49637	2.07%	0.354%
16	20.457	2952	2956	2960	rVB	29825	32581	1.36%	0.232%
17	20.574	2973	2976	2980	rVB	37787	40696	1.70%	0.290%
18	20.621	2980	2984	2988	rBV	27522	35615	1.49%	0.254%
19	21.115	3063	3068	3088	rVB4	75753	282868	11.82%	2.018%
20	21.332	3101	3105	3111	rVB	58406	74229	3.10%	0.529%
21	21.444	3117	3124	3135	rBV	546654	933830	39.03%	6.661%
22	22.202	3249	3253	3257	rVB2	17277	24515	1.02%	0.175%
23	23.612	3488	3493	3499	rVB2	28597	54471	2.28%	0.389%
24	24.517	3637	3647	3660	rBV	371438	1024453	42.81%	7.307%
25	25.562	3819	3825	3835	rVB3	38375	105317	4.40%	0.751%

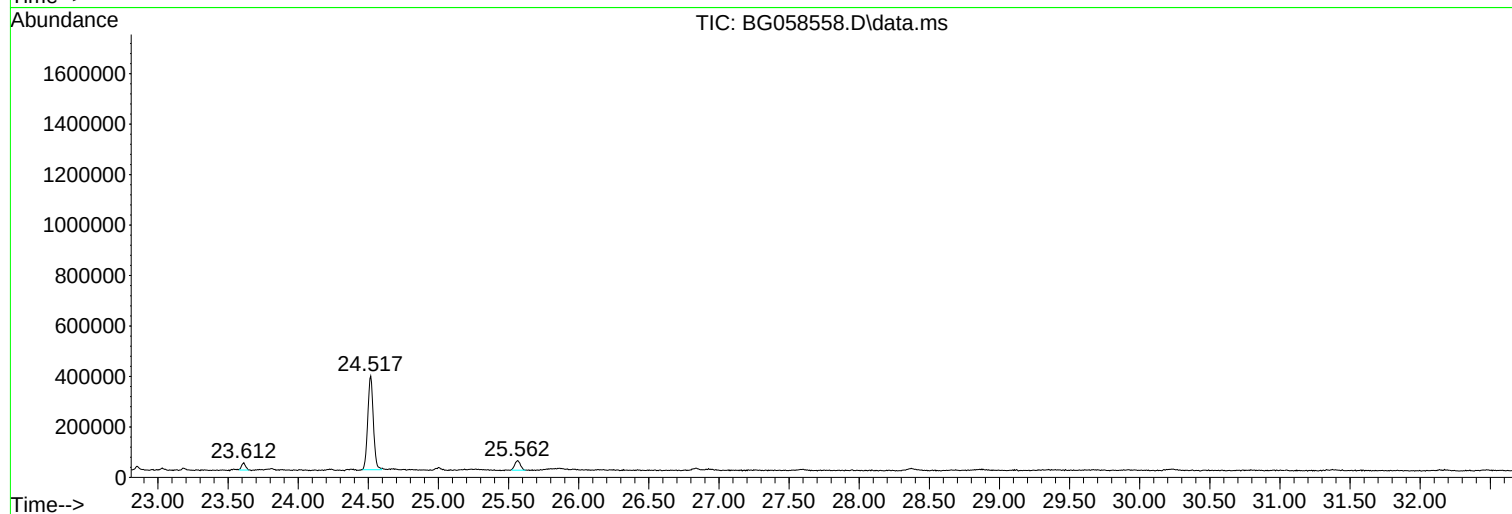
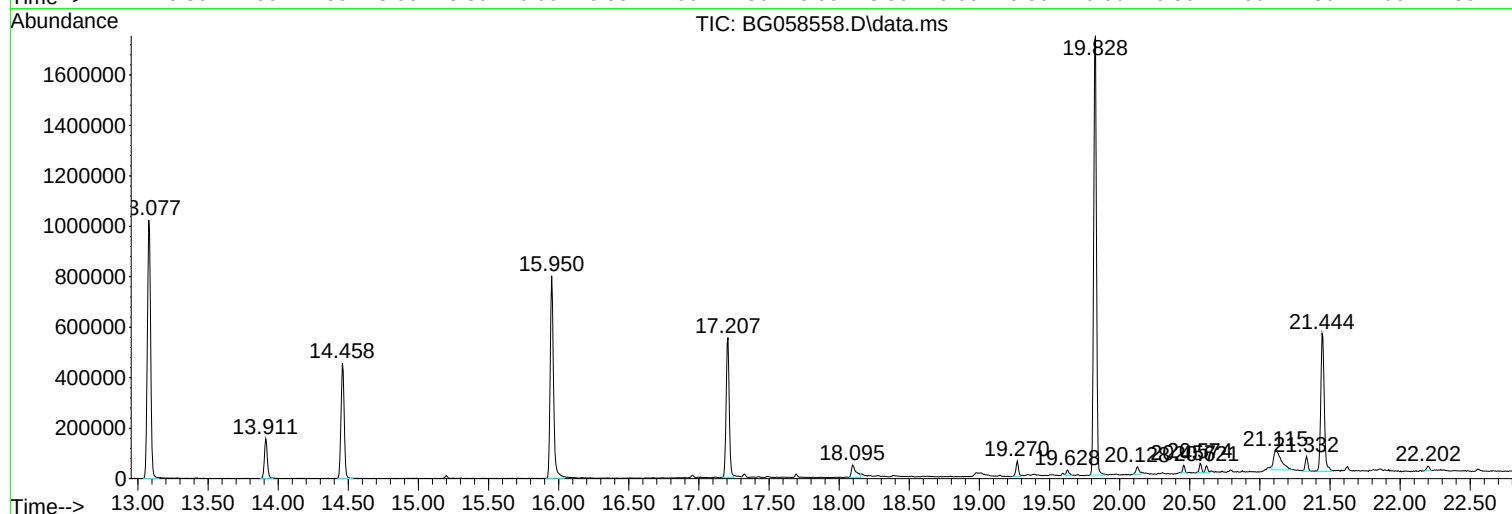
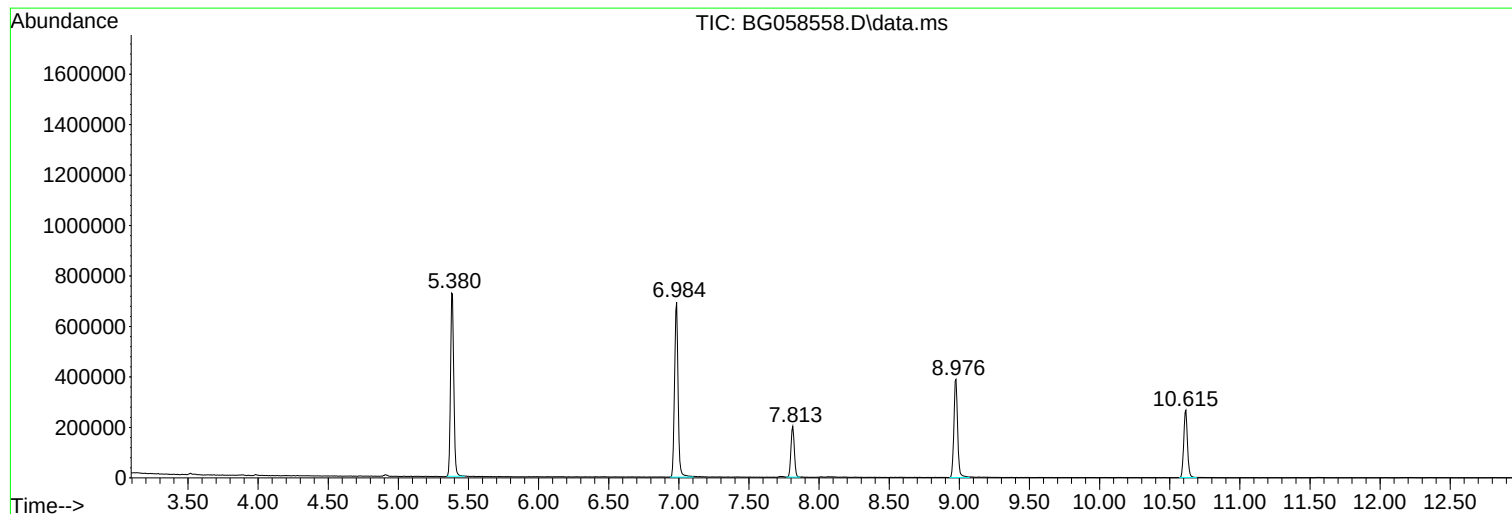
Sum of corrected areas: 14019379

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.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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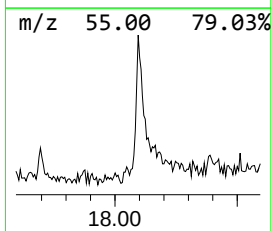
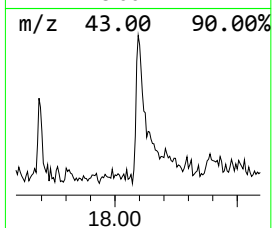
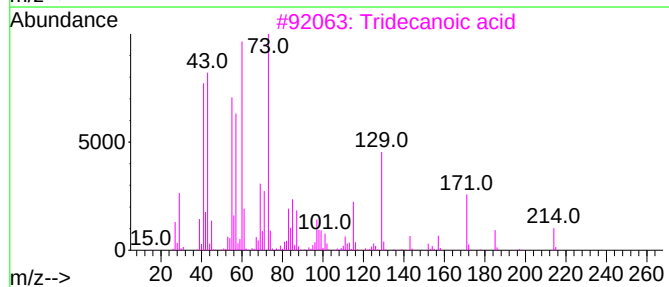
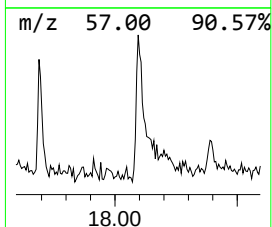
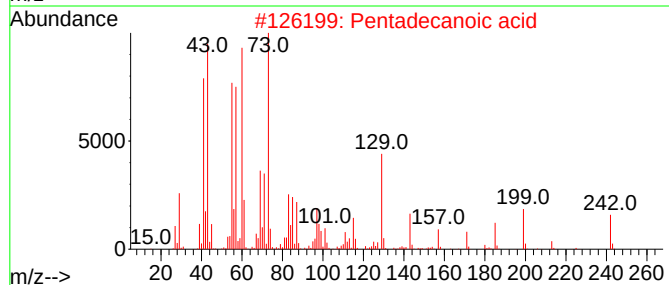
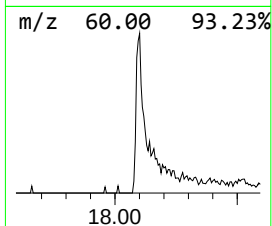
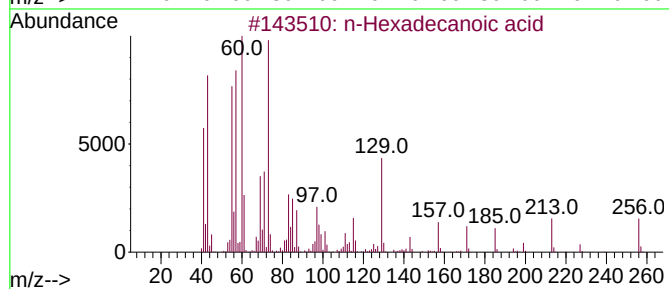
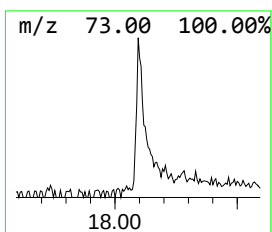
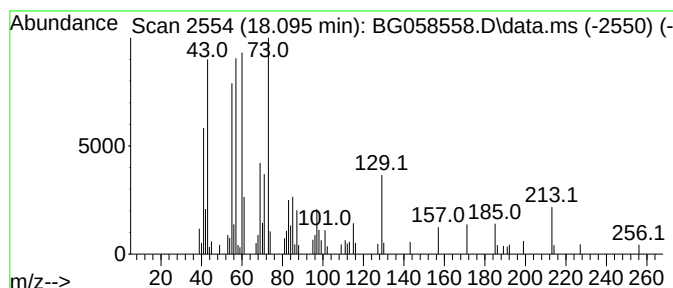
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.095	2.68 ng	115621	Phenanthrene-d10	17.207

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	83
4			Undecanoic acid	186	C11H22O2	000112-37-8	76
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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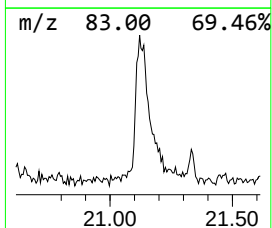
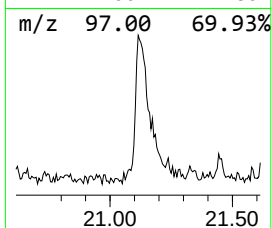
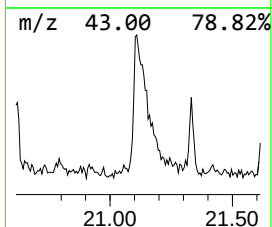
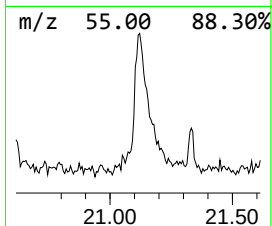
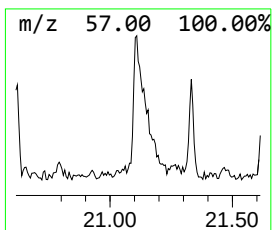
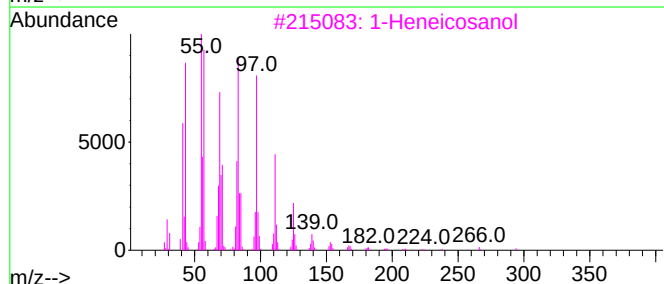
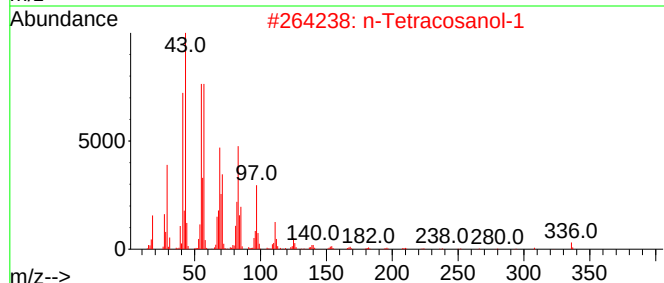
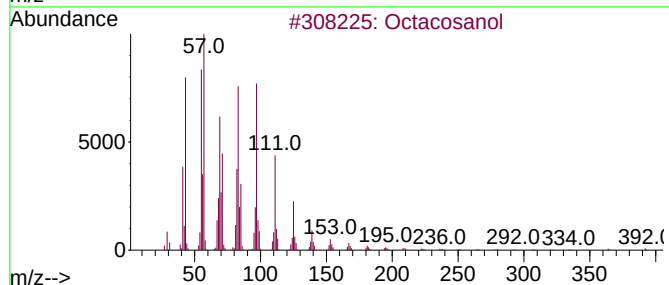
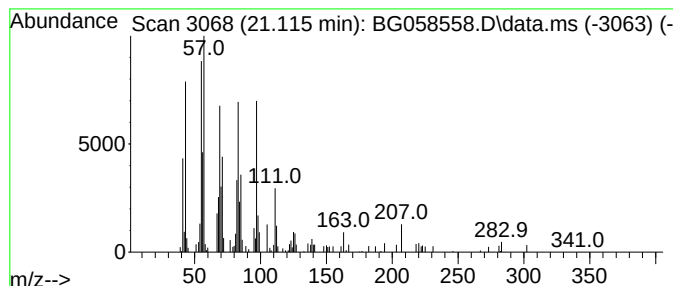
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Peak Number 2 Octacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.115	6.06 ng	282868	Chrysene-d12	21.444

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosanol	410	C28H58O	000557-61-9	90
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	90
3			1-Heneicosanol	312	C21H44O	015594-90-8	90
4			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90



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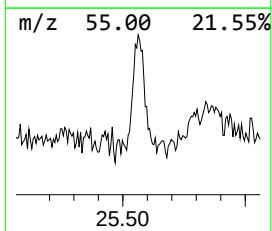
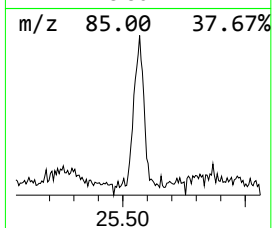
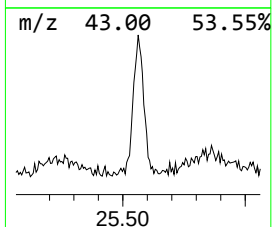
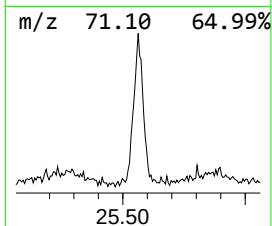
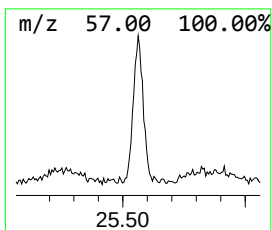
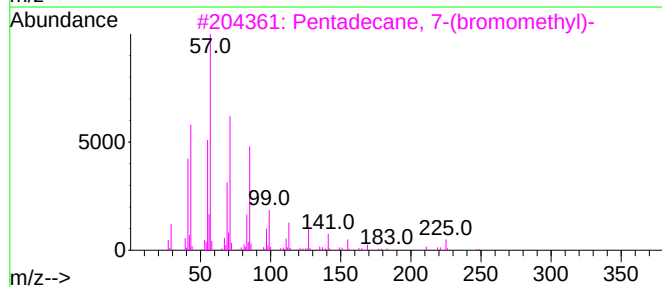
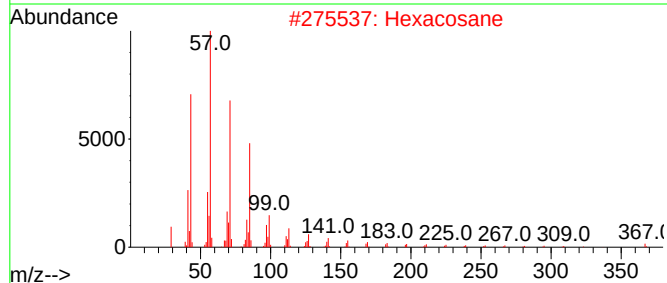
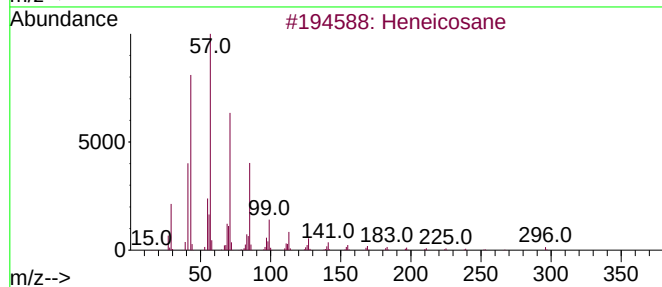
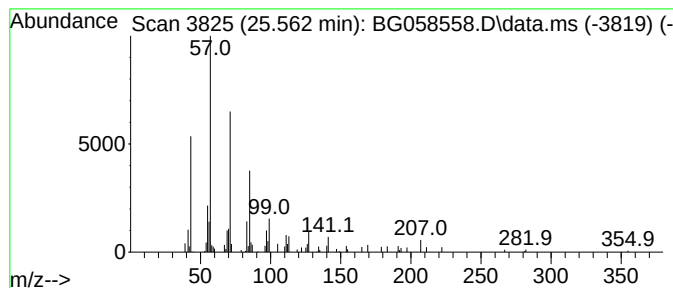
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Peak Number 3 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.562	2.06 ng	105317	Perylene-d12	24.517

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	87
2			Hexacosane	366	C26H54	000630-01-3	87
3			Pentadecane, 7-(bromomethyl)-	304	C16H33Br	052997-43-0	86
4			Tetracosane	338	C24H50	000646-31-1	86
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.095	2.7	ng	115621	4	17.207	862627	20.0
Octacosanol	21.115	6.1	ng	282868	5	21.444	933830	20.0
Heneicosane	25.562	2.1	ng	105317	6	24.517	1024450	20.0