

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081921\
 Data File : BM031831.D
 Acq On : 19 Aug 2021 16:48
 Operator : CG/JU
 Sample : M3434-09 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-12-0002

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-BM081621.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM031831.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.734	277	280	286	rVB	9763	12488	1.33%	0.180%
2	5.175	349	355	366	rVB	364482	524974	56.07%	7.563%
3	6.734	613	620	631	rBV	344330	542581	57.95%	7.817%
4	7.534	750	756	766	rVB	192792	303058	32.37%	4.366%
5	8.686	945	952	962	rBV	209636	340241	36.34%	4.902%
6	10.116	1191	1195	1202	rBV4	5082	10117	1.08%	0.146%
7	10.298	1218	1226	1237	rBV	234873	402431	42.98%	5.798%
8	12.786	1643	1649	1658	rBV	473483	681023	72.74%	9.811%
9	14.174	1879	1885	1891	rBV	337437	496781	53.06%	7.157%
10	15.674	2134	2140	2148	rBV	366054	522890	55.85%	7.533%
11	15.915	2176	2181	2183	rBV4	7418	11462	1.22%	0.165%
12	16.704	2311	2315	2319	rBV6	6472	11023	1.18%	0.159%
13	16.745	2320	2322	2332	rVB6	7509	16922	1.81%	0.244%
14	16.927	2347	2353	2359	rBV	416176	584056	62.38%	8.414%
15	17.033	2365	2371	2375	rBV7	5943	11829	1.26%	0.170%
16	17.845	2504	2509	2514	rBV2	62098	95753	10.23%	1.379%
17	18.133	2555	2558	2562	rBV4	10574	13768	1.47%	0.198%
18	18.303	2585	2587	2593	rBV7	5969	11887	1.27%	0.171%
19	18.527	2621	2625	2629	rBV7	10294	16531	1.77%	0.238%
20	18.603	2636	2638	2642	rBV4	9684	11283	1.21%	0.163%
21	18.780	2664	2668	2672	rBV6	12420	17758	1.90%	0.256%
22	19.133	2725	2728	2737	rBV5	38894	67852	7.25%	0.978%
23	19.362	2764	2767	2771	rBV2	21435	22703	2.42%	0.327%
24	19.574	2798	2803	2810	rVB	796362	936225	100.00%	13.488%
25	20.868	3020	3023	3028	rVB3	71692	79039	8.44%	1.139%
26	21.133	3063	3068	3072	rBV	496474	612416	65.41%	8.823%
27	23.280	3429	3433	3440	rVB2	345785	584188	62.40%	8.416%

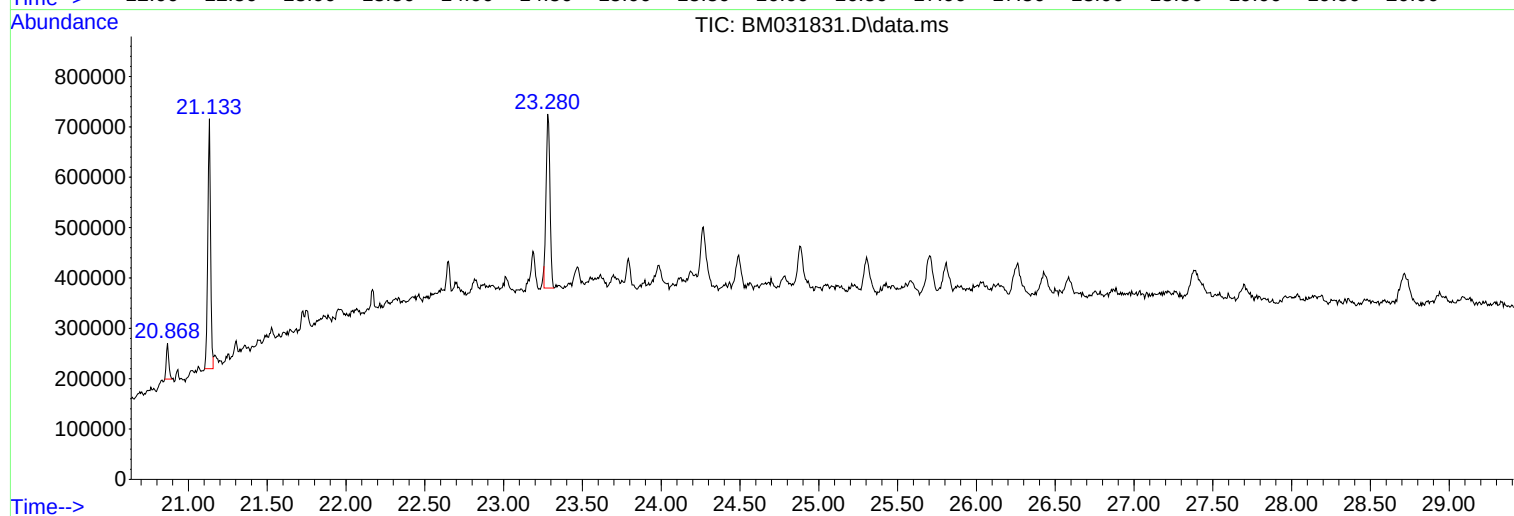
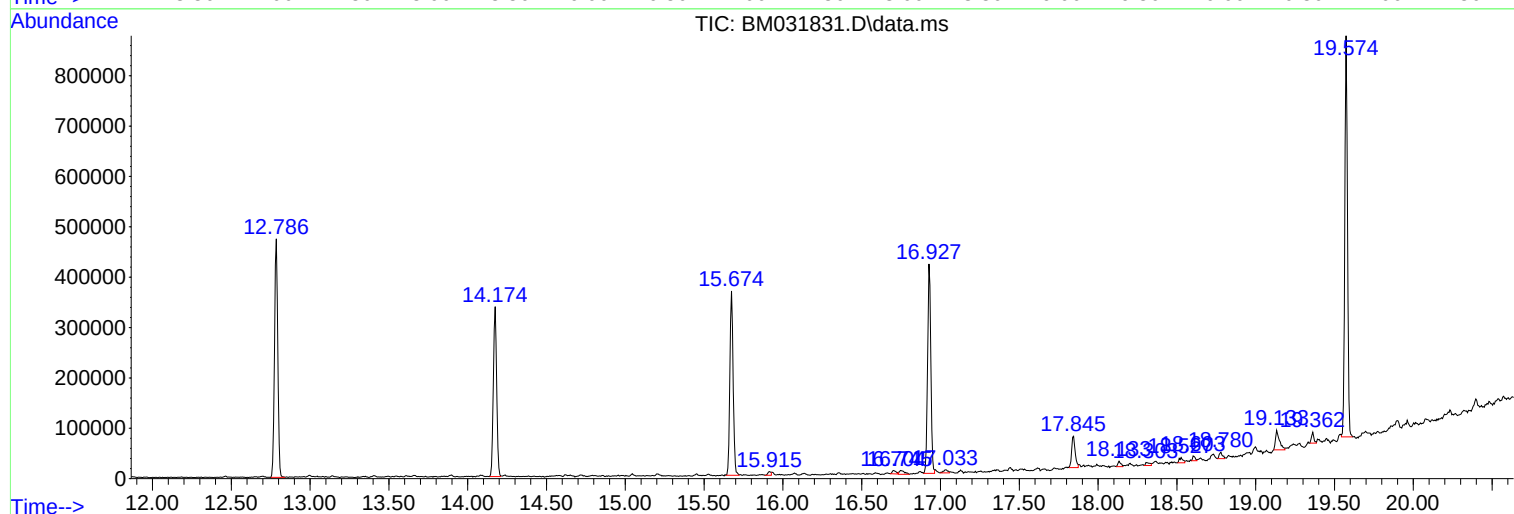
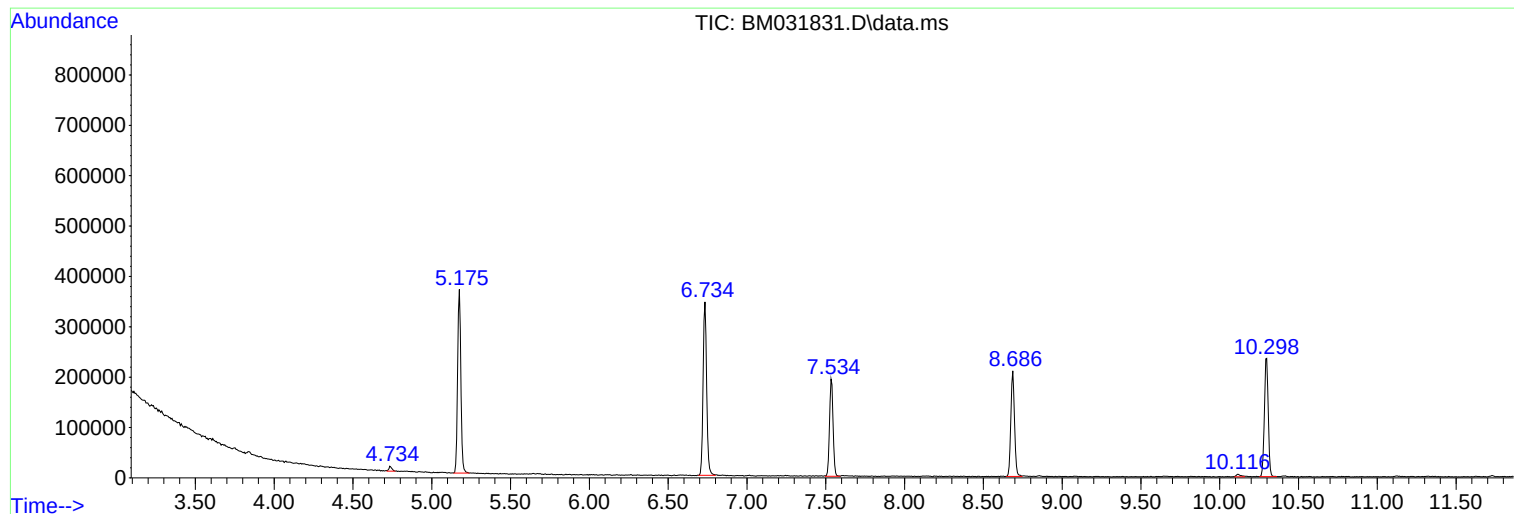
Sum of corrected areas: 6941279

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.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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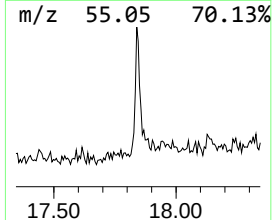
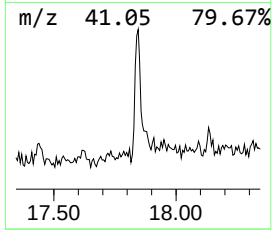
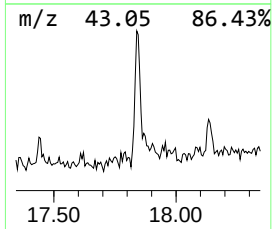
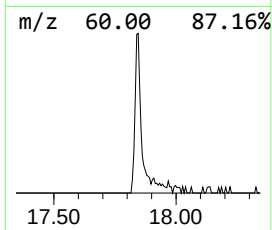
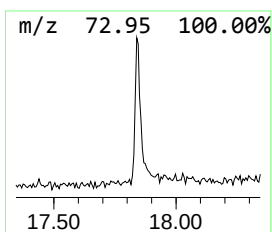
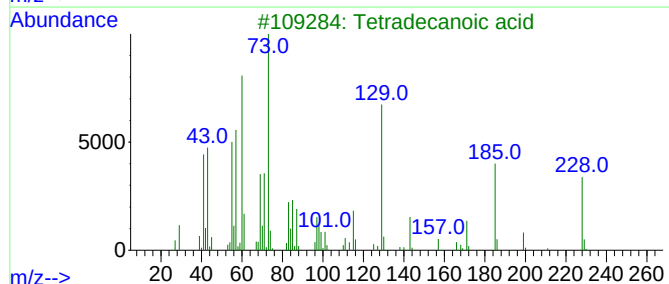
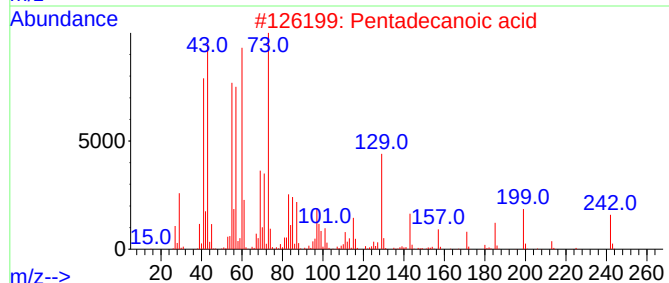
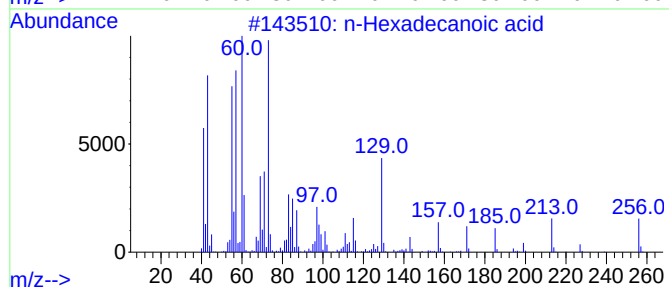
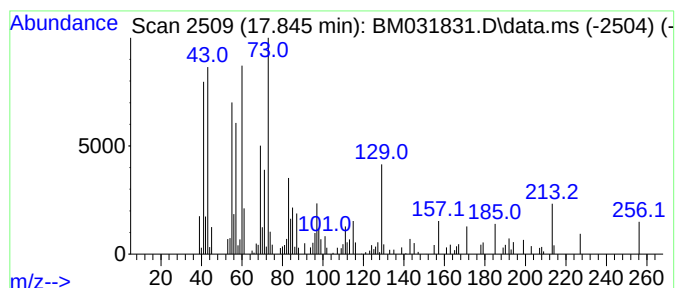
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.845	3.28 ng	95753	Phenanthrene-d10	16.927

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	74
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Tridecanoic acid	214	C13H26O2	000638-53-9	68
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



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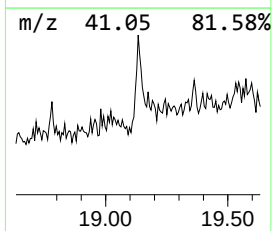
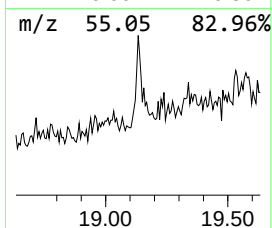
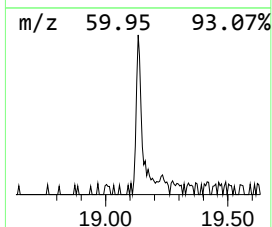
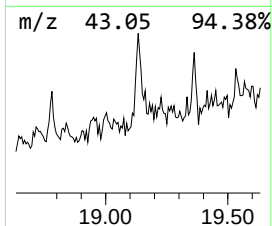
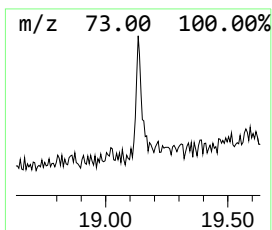
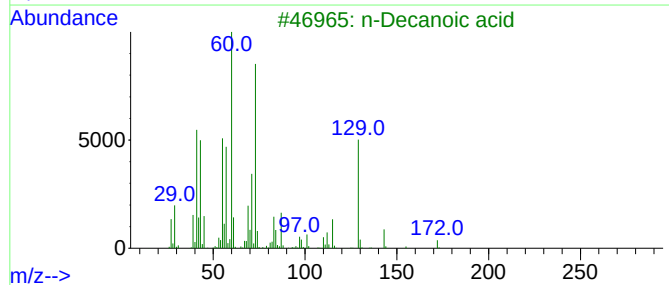
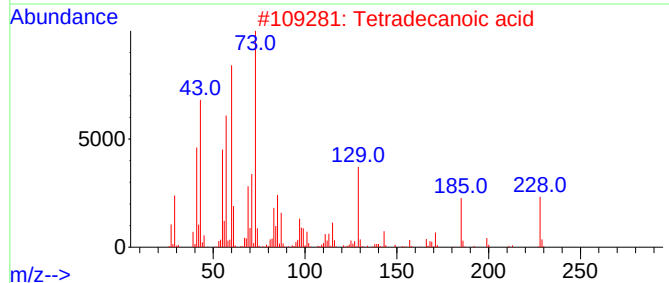
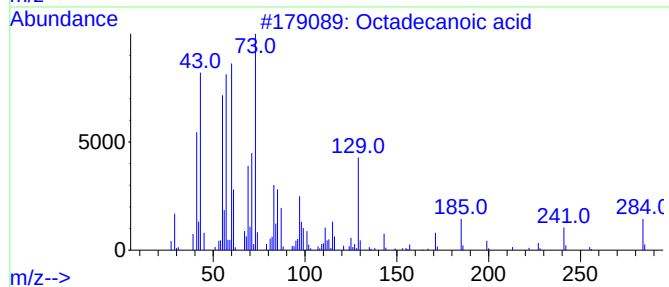
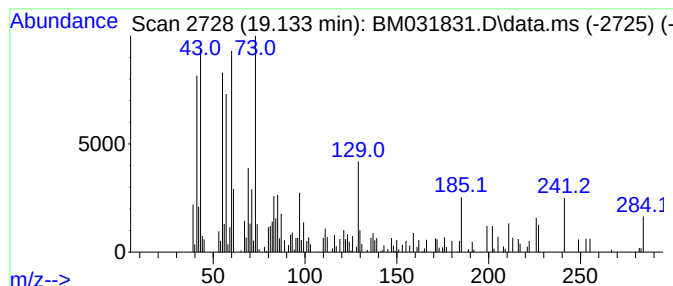
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.133	2.22 ng	67852	Chrysene-d12	21.133

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3			n-Decanoic acid	172	C10H20O2	000334-48-5	60
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5			Dodecanoic acid	200	C12H24O2	000143-07-7	53



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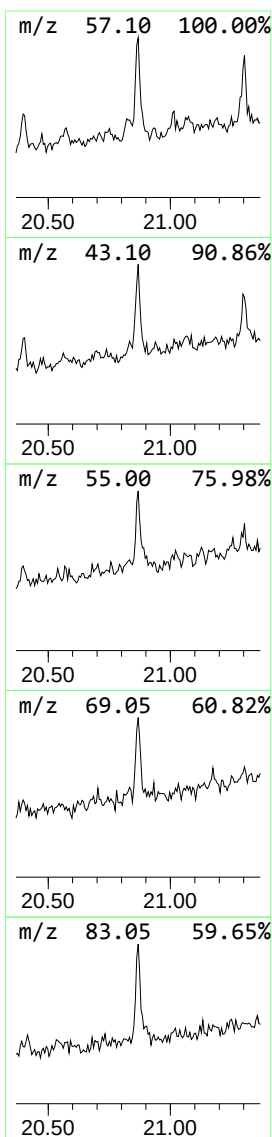
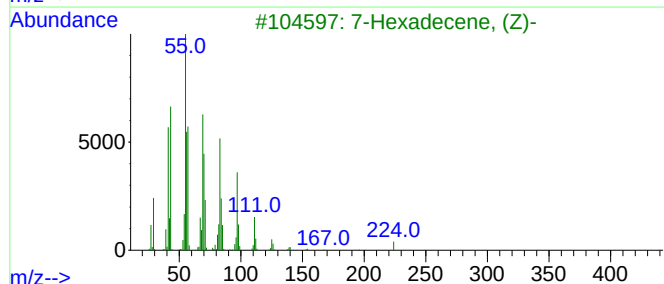
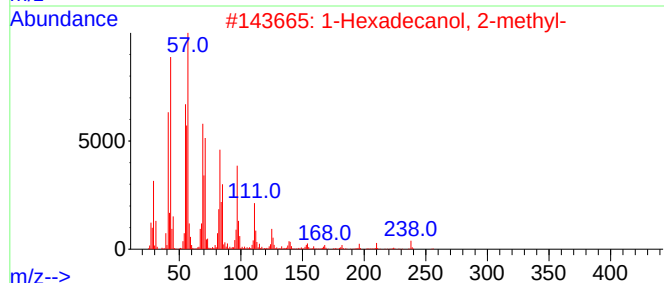
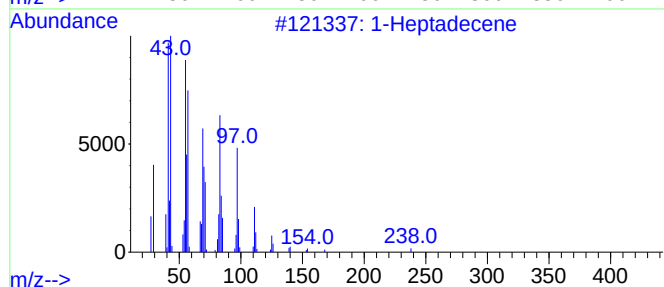
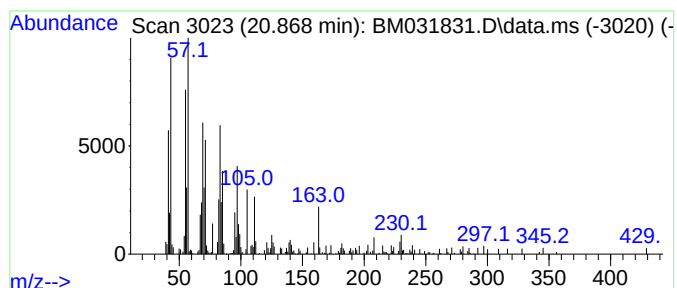
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Peak Number 3 1-Heptadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.868	2.58 ng	79039	Chrysene-d12	21.133	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	95
2	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	90
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	89
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	89
5	Cyclohexadecane	224	C16H32	000295-65-8	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.845	3.3	ng	95753	4	16.927	584056	20.0
Octadecanoic acid	19.133	2.2	ng	67852	5	21.133	612416	20.0
1-Heptadecene	20.868	2.6	ng	79039	5	21.133	612416	20.0