

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016482.D
 Acq On : 02 Aug 2023 22:43
 Operator : MA/JU
 Sample : 03598-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RB-52-(2-5)

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_P\Methods\8270E-BP072723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP016482.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.587	384	391	400	rBV	5771050	8479893	43.57%	7.909%
2	7.210	659	667	680	rBV	5695072	9152094	47.03%	8.536%
3	8.075	806	814	825	rVB	1854235	2945748	15.14%	2.747%
4	9.269	1007	1017	1026	rBV	3555495	5779788	29.70%	5.391%
5	10.904	1288	1295	1304	rBV	2604866	4323661	22.22%	4.033%
6	13.345	1701	1710	1725	rBV	9397496	13668266	70.23%	12.748%
7	14.722	1937	1944	1952	rBV	4059126	5830021	29.96%	5.438%
8	16.216	2187	2198	2212	rBV	7343919	10416256	53.52%	9.715%
9	17.486	2407	2414	2420	rBV	5066249	7290290	37.46%	6.800%
10	18.333	2553	2558	2570	rBV	734497	1231886	6.33%	1.149%
11	18.598	2599	2603	2611	rVB	189055	219931	1.13%	0.205%
12	19.563	2763	2767	2775	rBV	267818	417935	2.15%	0.390%
13	19.769	2799	2802	2806	rVB	269993	289597	1.49%	0.270%
14	20.033	2841	2847	2853	rBV	15664868	19461043	100.00%	18.151%
15	20.780	2970	2974	2978	rBV	450005	475095	2.44%	0.443%
16	21.245	3048	3053	3065	rBV	903439	1415564	7.27%	1.320%
17	21.586	3105	3111	3116	rBV	5288730	7171296	36.85%	6.689%
18	21.692	3126	3129	3137	rVB	528527	634704	3.26%	0.592%
19	22.715	3299	3303	3314	rVB	440781	727631	3.74%	0.679%
20	24.015	3520	3524	3530	rVB	335427	570173	2.93%	0.532%
21	24.180	3544	3552	3565	rVB	3070273	6714897	34.50%	6.263%

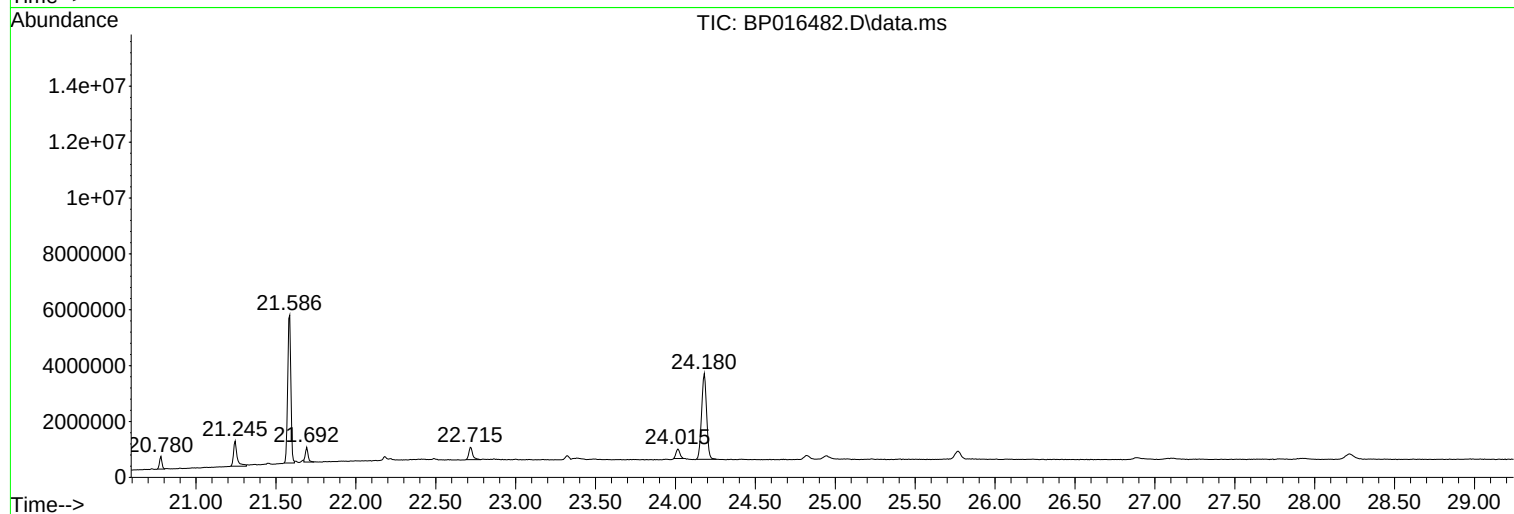
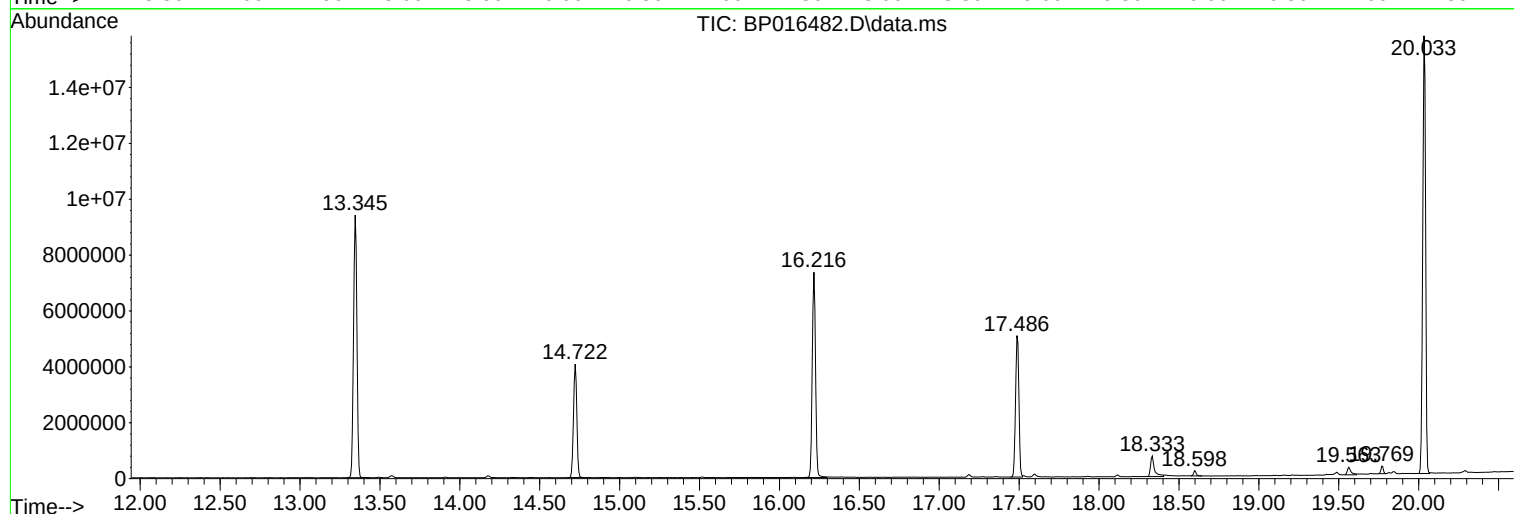
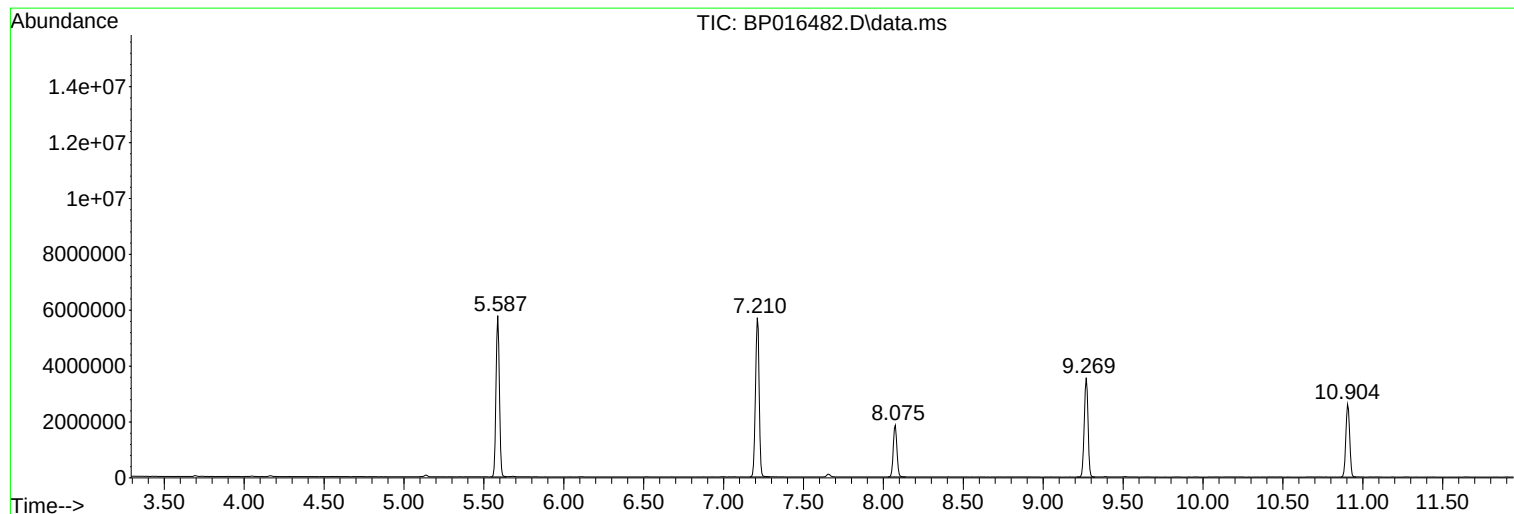
Sum of corrected areas: 107215769

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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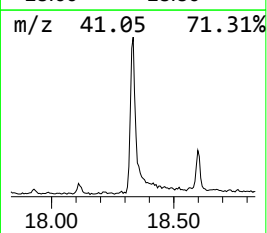
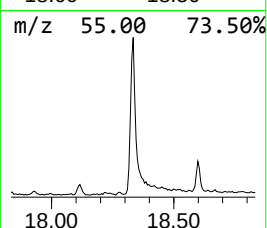
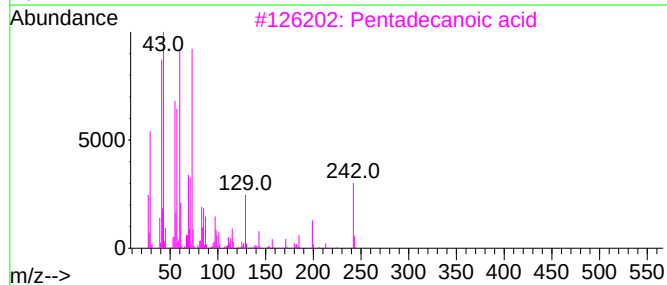
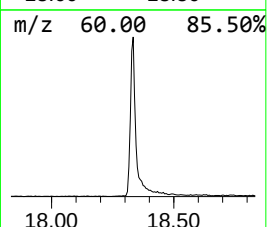
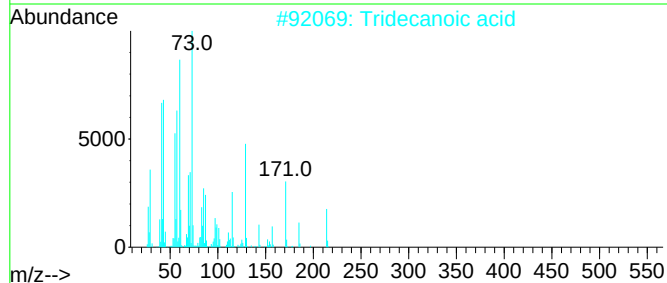
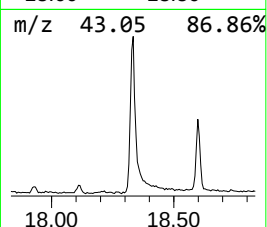
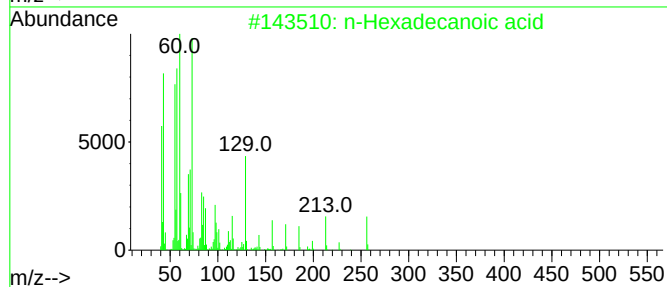
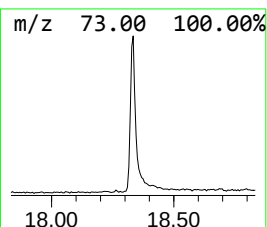
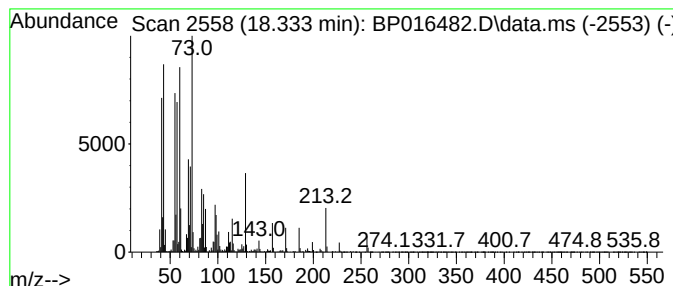
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ClientSampleId :
RB-52-(2-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.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.	
18.333	3.38 ng	1231890	Phenanthrene-d10	17.486	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90



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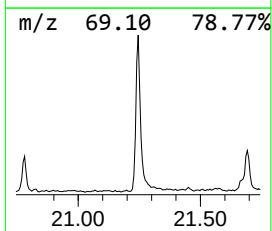
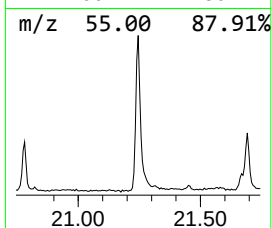
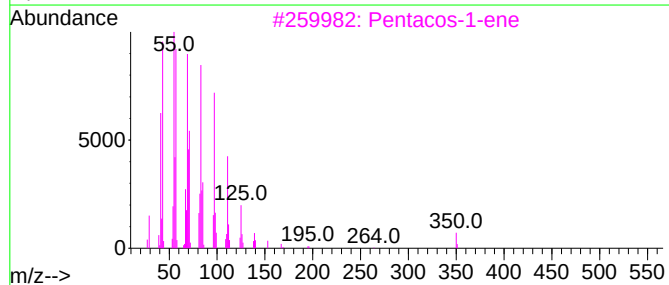
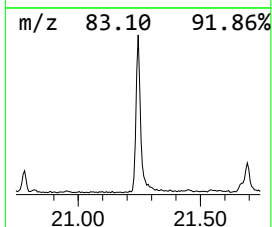
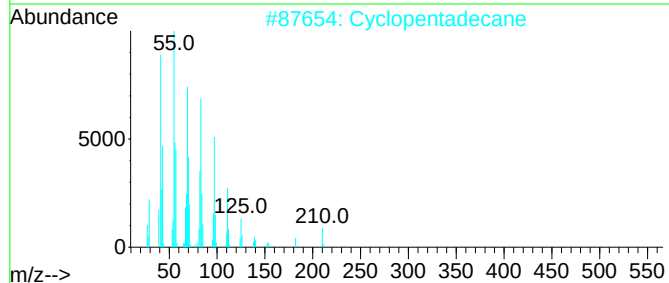
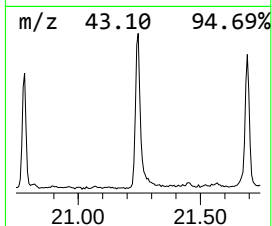
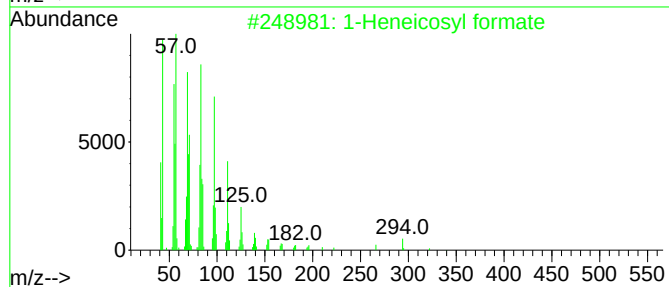
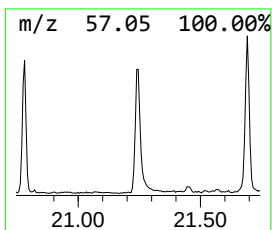
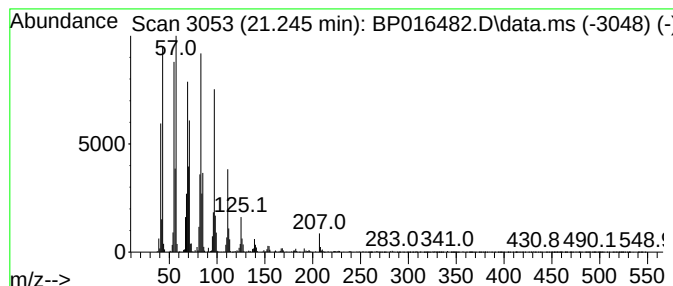
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Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	3.95 ng	1415560	Chrysene-d12	21.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	98
2			Cyclopentadecane	210	C15H30	000295-48-7	94
3			Pentacos-1-ene	350	C25H50	016980-85-1	94
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5			1-Heptacosanol	396	C27H56O	002004-39-9	94



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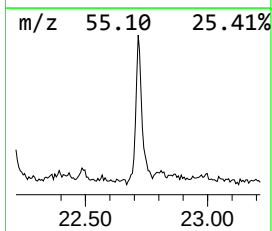
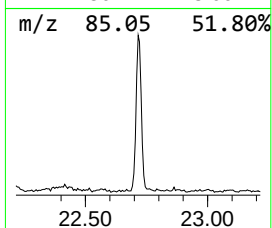
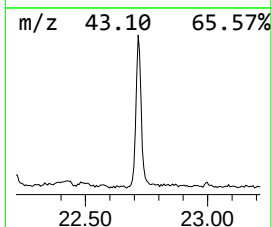
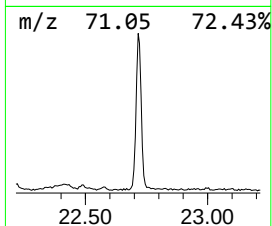
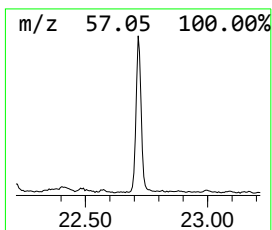
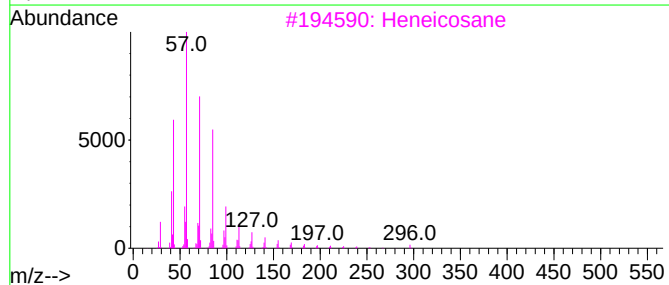
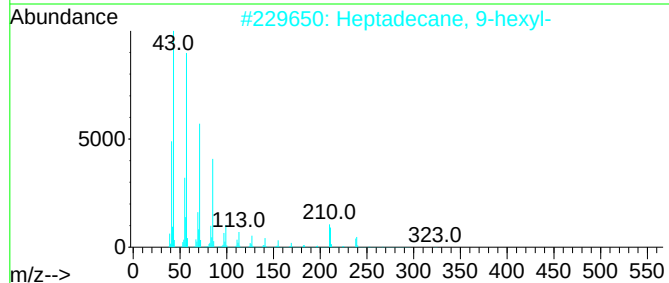
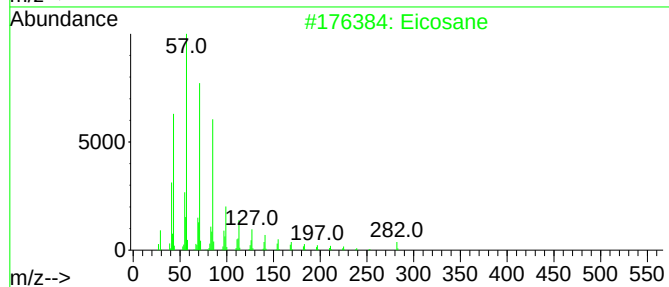
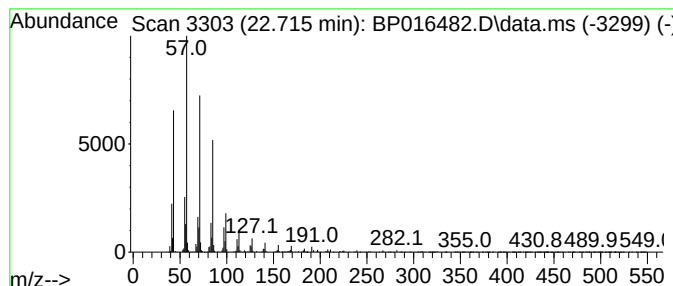
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Peak Number 3 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.715	2.03 ng	727631	Chrysene-d12	21.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.333	3.4	ng	1231890	4	17.486	7290290	20.0
1-Heneicosyl fo...	21.245	4.0	ng	1415560	5	21.586	7171300	20.0
Eicosane	22.715	2.0	ng	727631	5	21.586	7171300	20.0