

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
 Data File : BG058595.D
 Acq On : 3 Aug 2023 16:21
 Operator : MA/JU
 Sample : 03860-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-WALL

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: BG058595.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.911	302	310	320	rVB	43442	69168	2.85%	0.531%
2	5.387	384	391	403	rBV	702887	1120701	46.22%	8.601%
3	6.985	656	663	678	rBV	678842	1170999	48.29%	8.987%
4	7.813	797	804	813	rVB	163256	278634	11.49%	2.138%
5	8.977	993	1002	1022	rBV	388812	722487	29.80%	5.545%
6	10.610	1269	1280	1291	rBV	229108	425689	17.56%	3.267%
7	13.078	1693	1700	1717	rBV	1079932	1674227	69.05%	12.849%
8	14.459	1928	1935	1944	rBV	390591	610592	25.18%	4.686%
9	15.951	2182	2189	2204	rBV	851800	1352912	55.79%	10.383%
10	17.202	2394	2402	2408	rBV	482307	733289	30.24%	5.628%
11	18.090	2549	2553	2569	rBV3	155440	276819	11.42%	2.124%
12	19.265	2743	2753	2758	rBV	27326	56072	2.31%	0.430%
13	19.371	2767	2771	2781	rBV3	25412	53714	2.22%	0.412%
14	19.823	2842	2848	2860	rBV	1918979	2424825	100.00%	18.610%
15	21.104	3062	3066	3068	rBV2	19066	25818	1.06%	0.198%
16	21.151	3068	3074	3077	rVV8	14415	38655	1.59%	0.297%
17	21.445	3118	3124	3136	rBV2	484245	779583	32.15%	5.983%
18	22.855	3359	3364	3368	rVB2	14611	24468	1.01%	0.188%
19	23.031	3387	3394	3403	rBV	104259	198704	8.19%	1.525%
20	23.184	3414	3420	3426	rBV6	15370	34110	1.41%	0.262%
21	23.601	3489	3491	3500	rVB4	19989	40944	1.69%	0.314%
22	24.512	3636	3646	3659	rBV	299843	876773	36.16%	6.729%
23	25.557	3820	3824	3831	rVB5	19165	40718	1.68%	0.312%

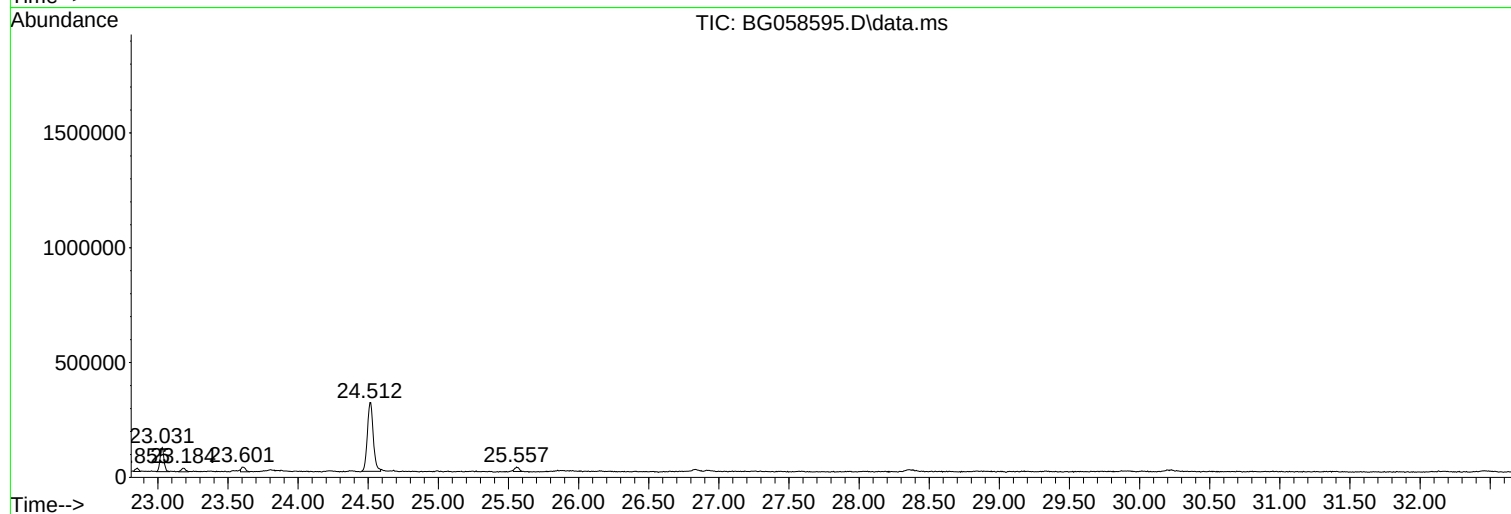
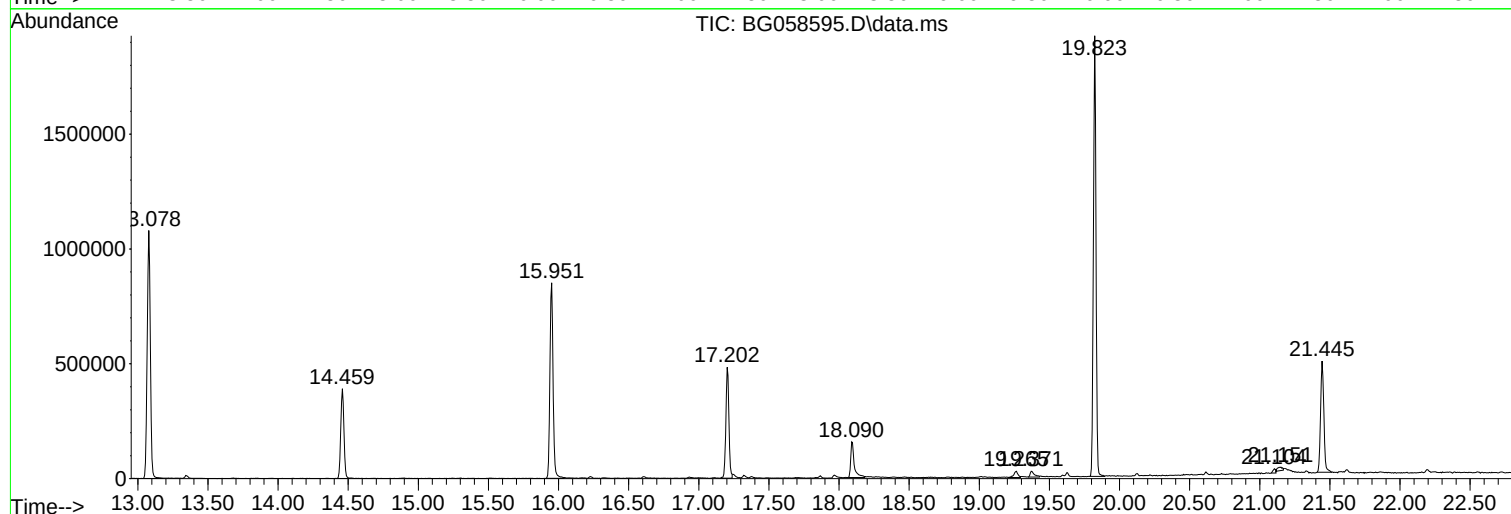
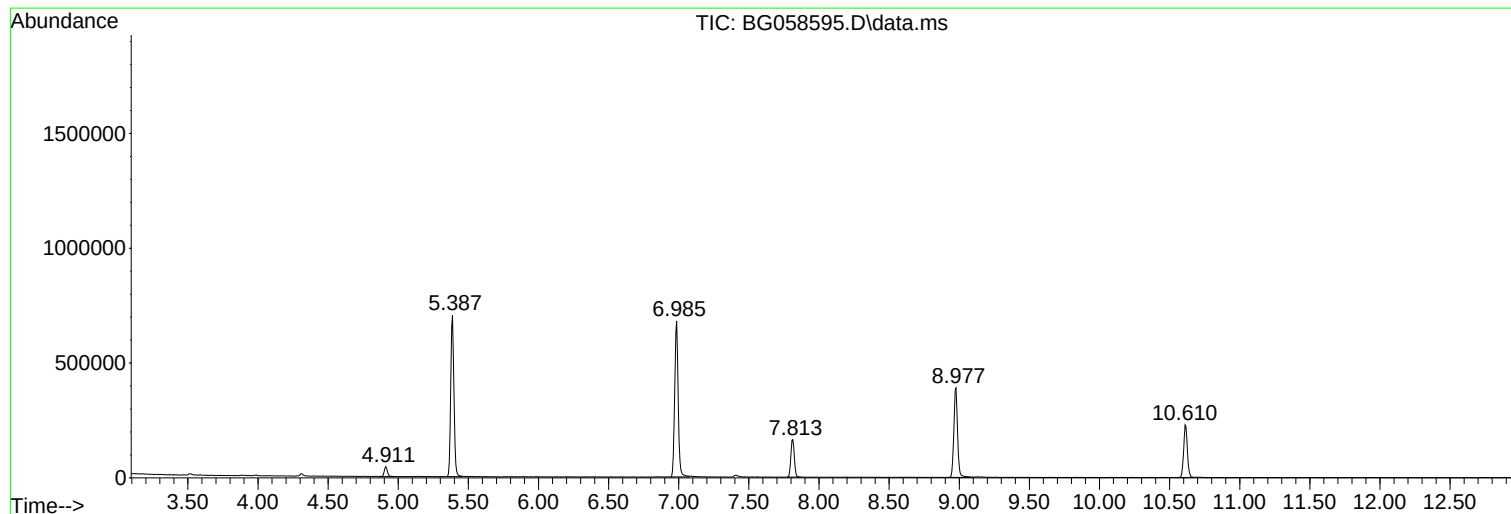
Sum of corrected areas: 13029901

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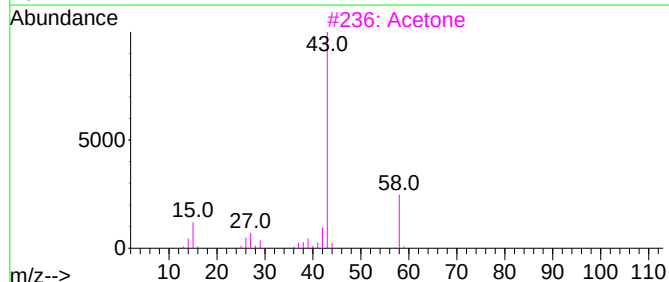
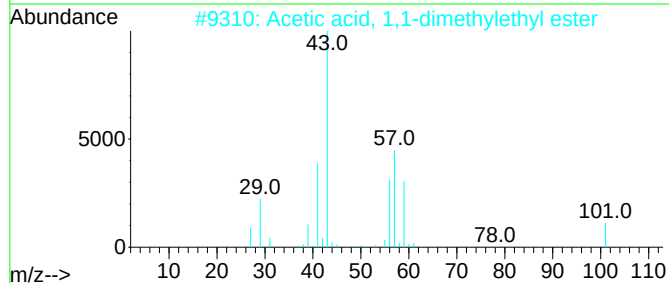
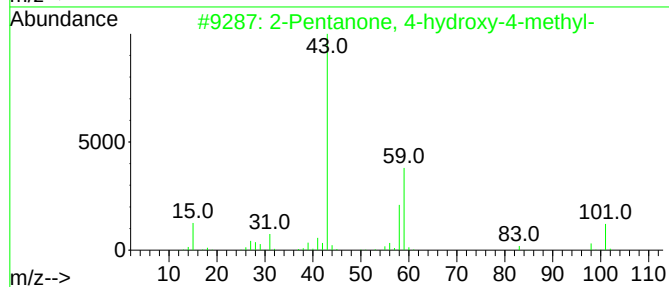
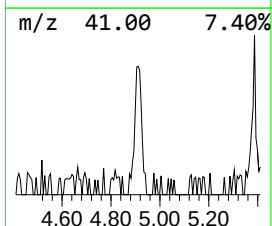
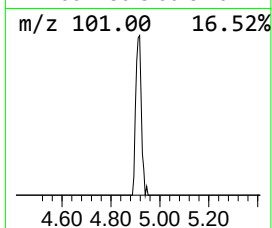
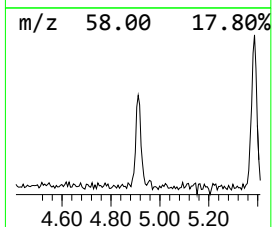
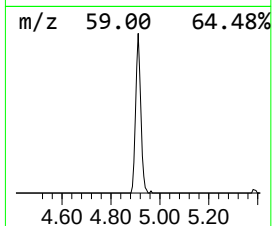
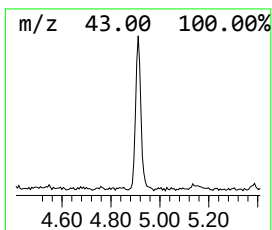
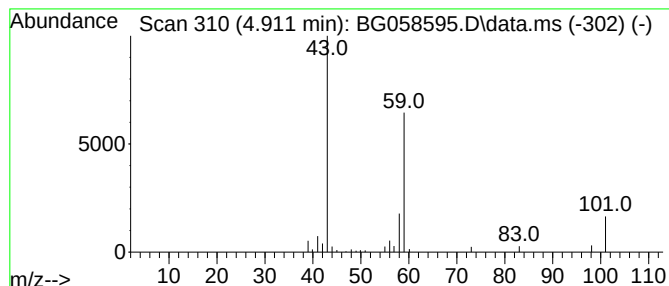
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.911	4.96 ng	69168	1,4-Dichlorobenzene-d4	7.813

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25		
3	Acetone	58	C3H6O	000067-64-1	9		
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
5	Guanidine	59	CH5N3	000113-00-8	9		



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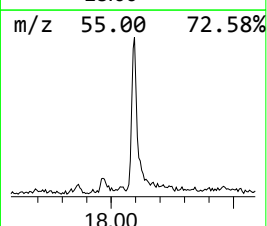
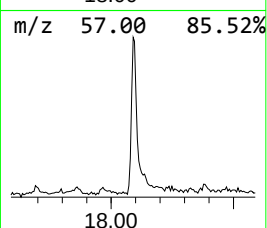
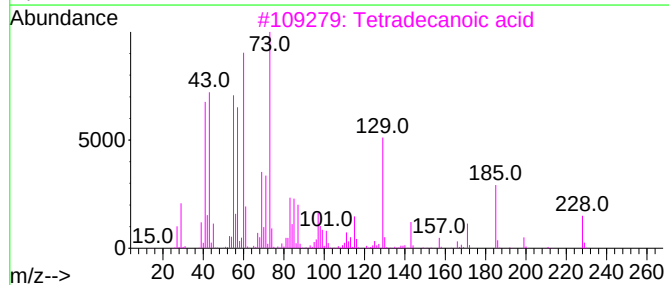
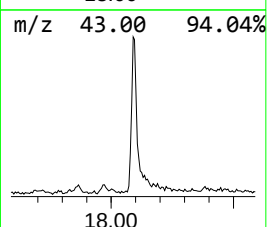
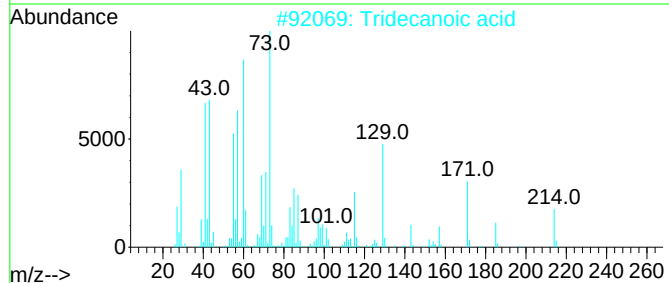
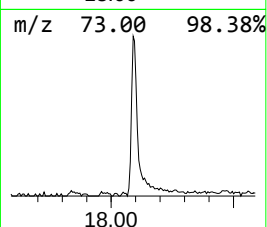
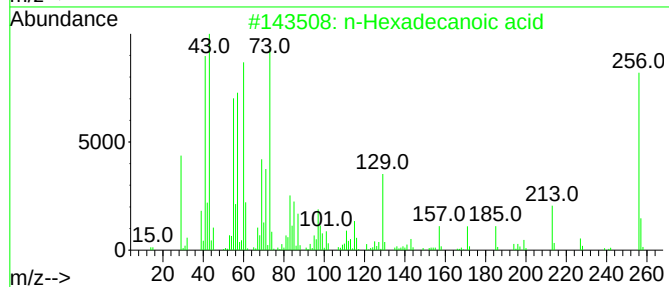
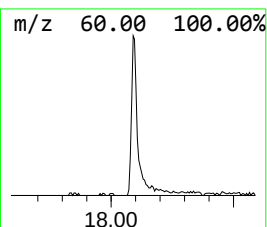
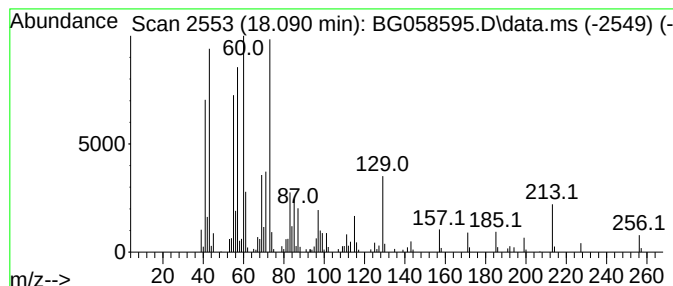
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.090	7.55 ng	276819	Phenanthrene-d10	17.202

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



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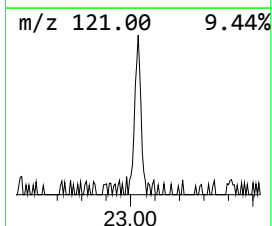
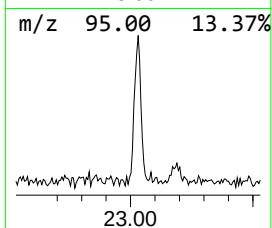
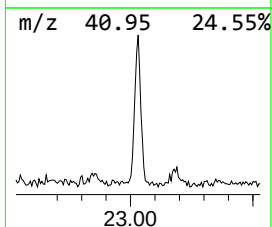
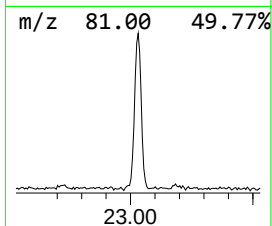
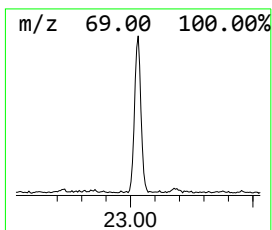
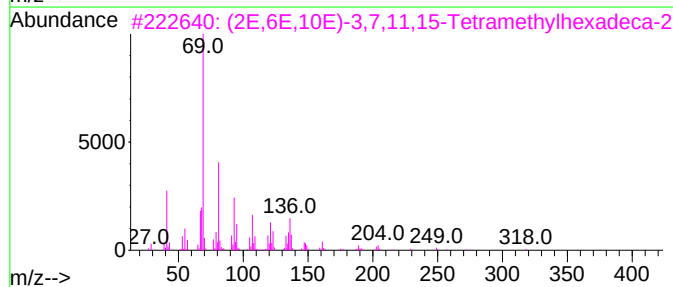
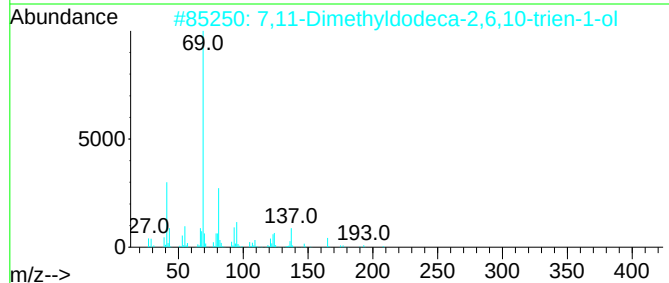
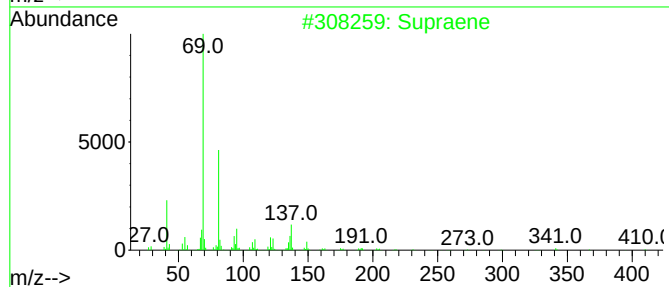
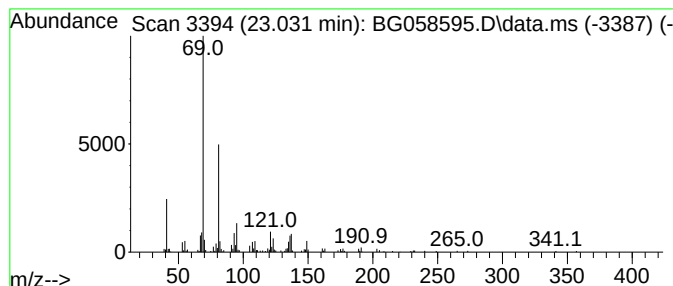
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Peak Number 3 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.031	4.53 ng	198704	Perylene-d12	24.517

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
3			(2E,6E,10E)-3,7,11,15-Tetramethy...	318	C21H34O2	125456-63-5	72
4			Furan, 3-(4,8-dimethyl-3,7-nonad...	218	C15H22O	023262-34-2	64
5			2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.911	5.0	ng	69168	1	7.813	278634	20.0
n-Hexadecanoic ...	18.090	7.5	ng	276819	4	17.202	733289	20.0
Supraene	23.031	4.5	ng	198704	6	24.517	876773	20.0