

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060068.D
 Acq On : 18 Dec 2023 16:12
 Operator : MA/JU
 Sample : 05827-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-08-12.5-13.5

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_G\Methods\8270-BG121323.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060068.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.141	4	9	21	rVB2	117355	236453	4.68%	1.141%
2	5.527	409	415	424	rBV	709763	1110067	21.97%	5.355%
3	7.113	677	685	697	rBV	791033	1315456	26.03%	6.345%
4	7.953	821	828	835	rBV	212679	347672	6.88%	1.677%
5	9.117	1018	1026	1035	rVB	431420	765815	15.16%	3.694%
6	10.762	1296	1306	1312	rBV	274821	475477	9.41%	2.294%
7	13.218	1717	1724	1732	rVB	1494976	2247121	44.47%	10.840%
8	14.593	1951	1958	1964	rVB2	526125	804259	15.92%	3.880%
9	16.079	2203	2211	2219	rBV	1725276	2487899	49.24%	12.001%
10	17.342	2418	2426	2431	rBV	851889	1281871	25.37%	6.183%
11	17.383	2431	2433	2440	rVB2	85570	114044	2.26%	0.550%
12	17.460	2440	2446	2452	rBV6	46275	79157	1.57%	0.382%
13	18.230	2571	2577	2581	rBV3	218758	294280	5.82%	1.420%
14	19.399	2770	2776	2780	rVB	206962	304604	6.03%	1.469%
15	19.505	2790	2794	2798	rBV5	70322	89092	1.76%	0.430%
16	19.763	2833	2838	2846	rVB	184087	302212	5.98%	1.458%
17	19.963	2866	2872	2878	rBV	3931634	5053047	100.00%	24.375%
18	21.261	3090	3093	3100	rVB5	123554	203336	4.02%	0.981%
19	21.614	3145	3153	3158	rBV2	1004156	1759970	34.83%	8.490%
20	24.810	3688	3697	3706	rBV	542906	1458876	28.87%	7.037%

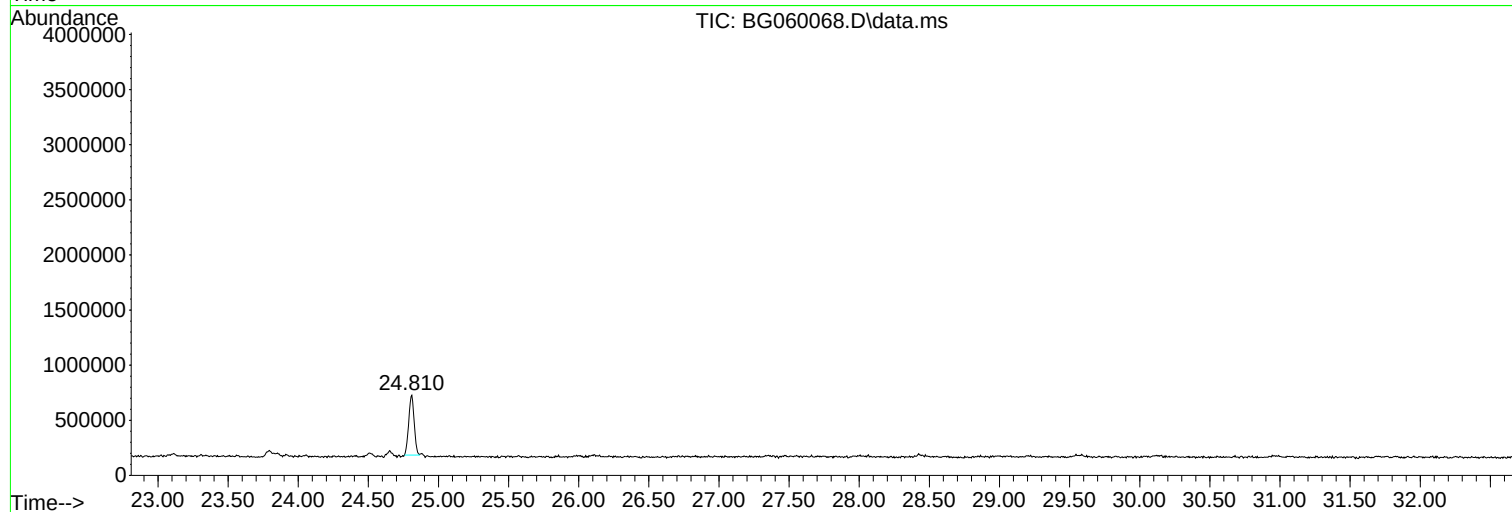
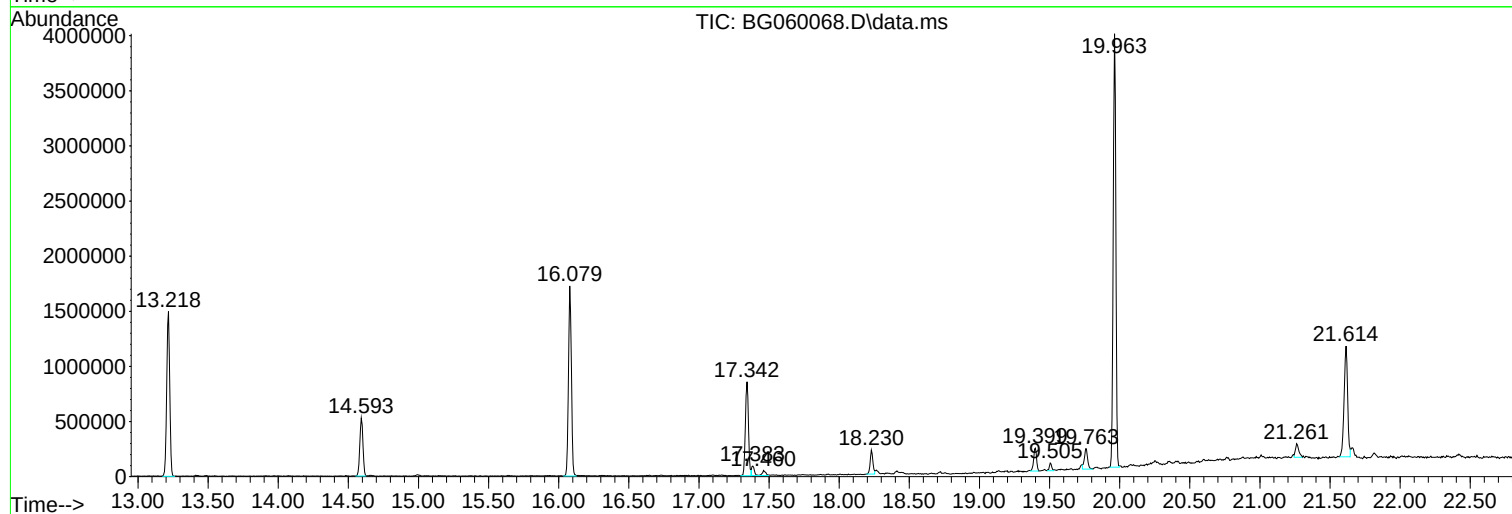
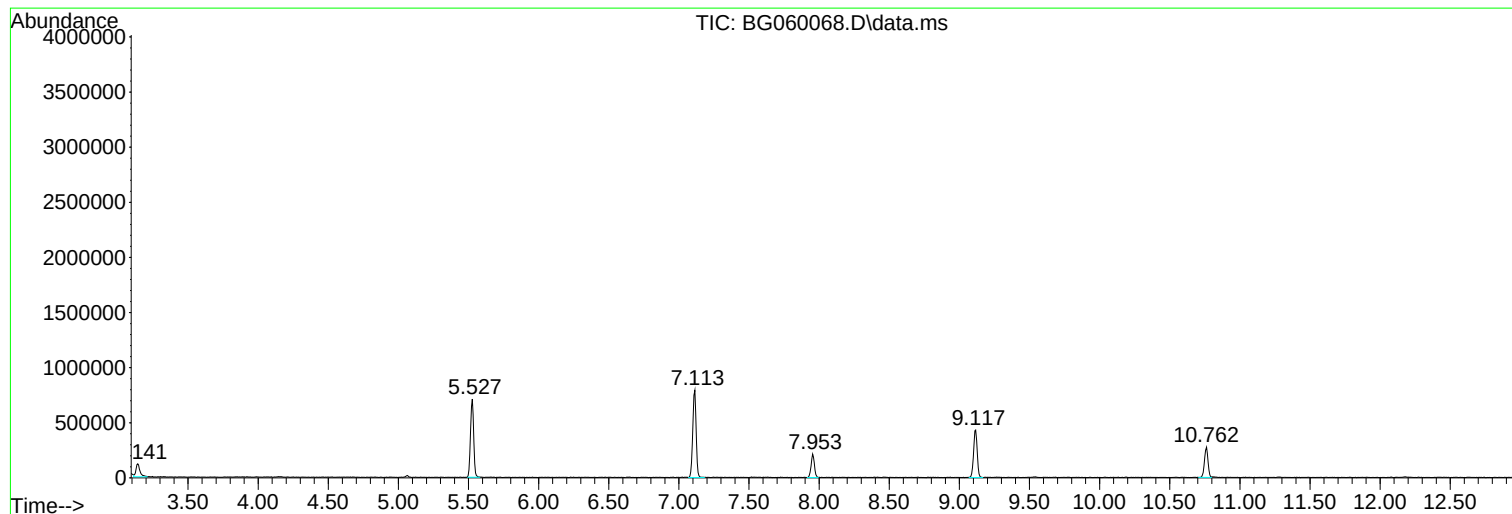
Sum of corrected areas: 20730708

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-SB-08-12.5-13.5

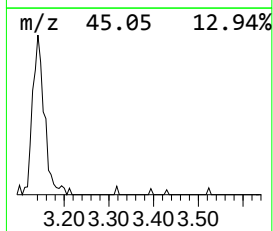
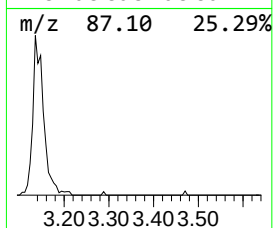
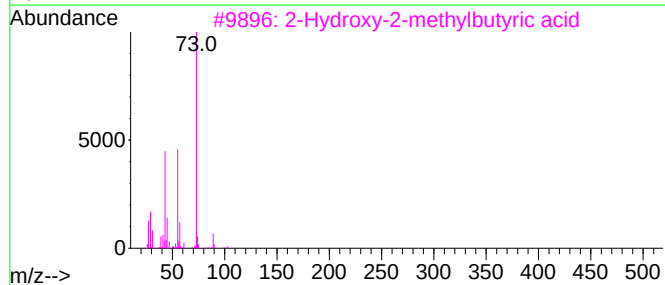
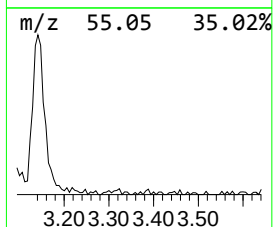
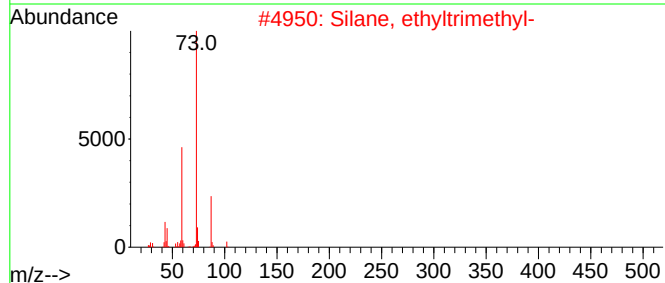
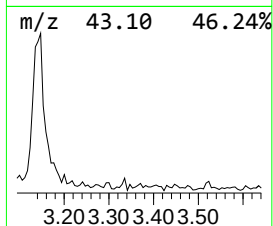
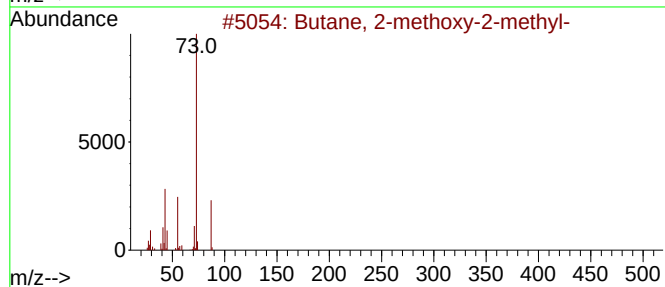
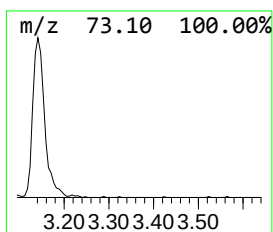
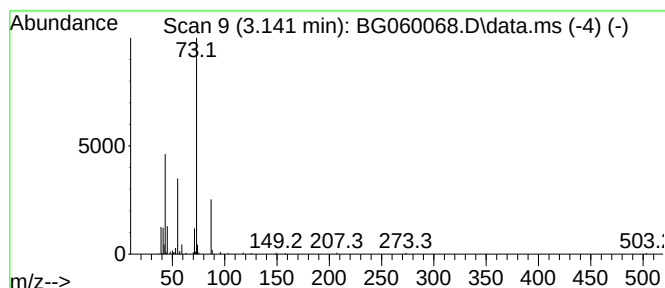
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.141	13.60 ng	236453	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
3			2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	12
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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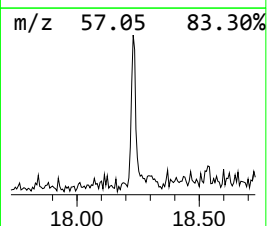
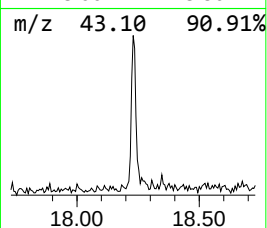
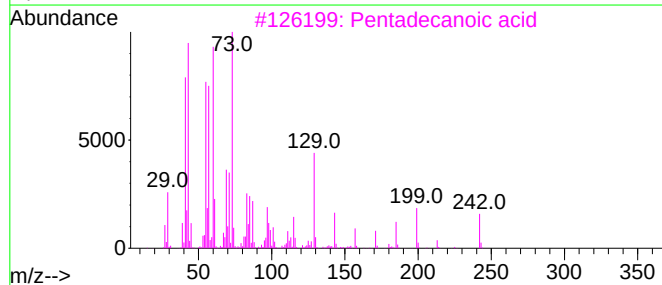
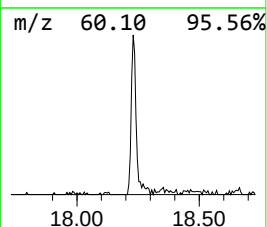
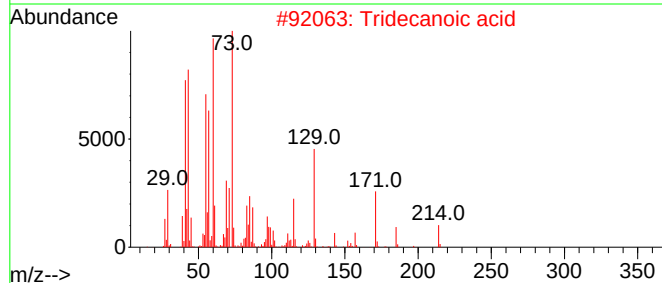
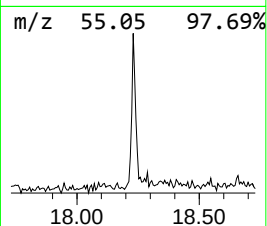
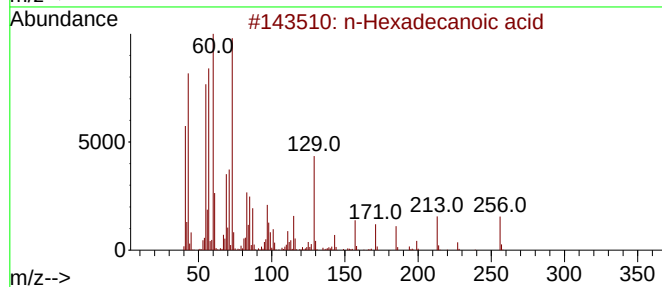
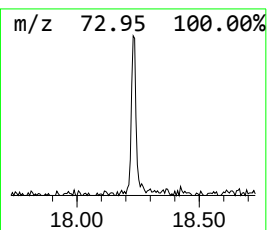
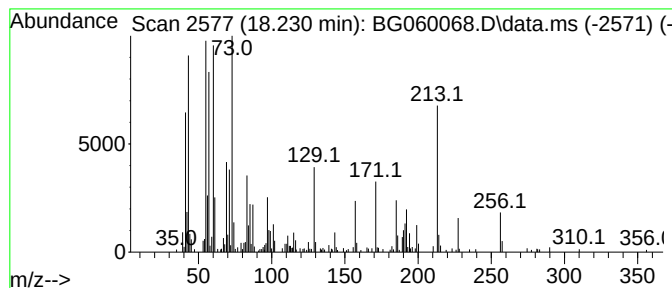
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.230	4.59 ng	294280	Phenanthrene-d10	17.342

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tridecanoic acid	214	C13H26O2	000638-53-9	60
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5			Dodecanoic acid	200	C12H24O2	000143-07-7	47



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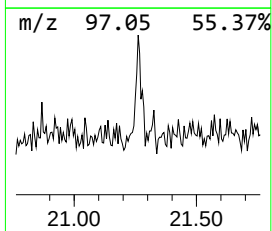
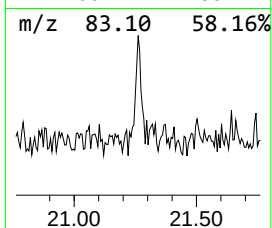
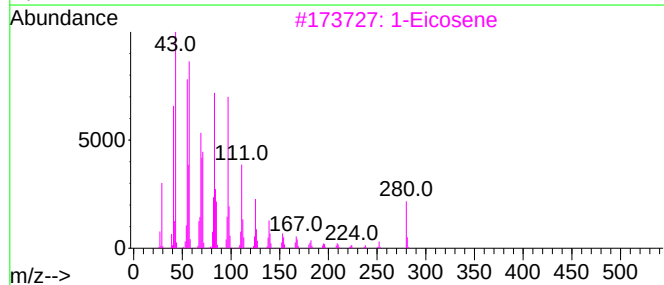
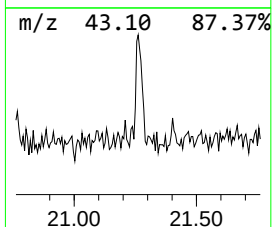
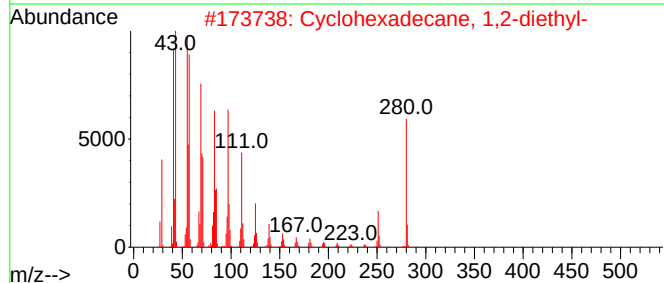
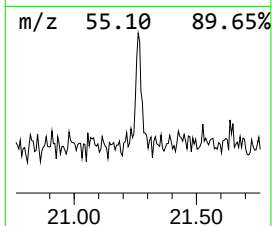
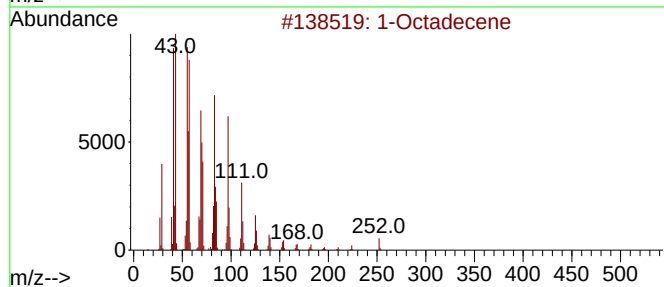
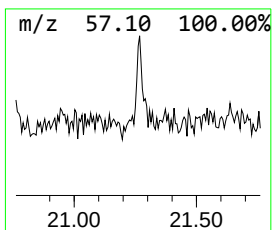
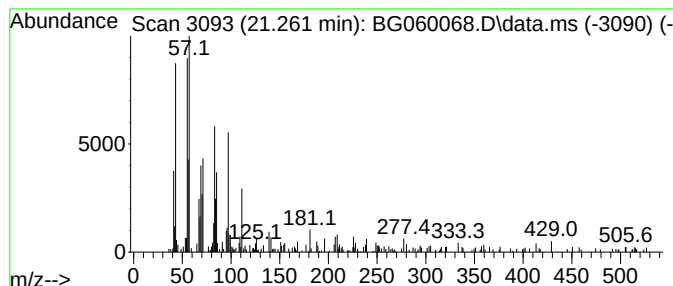
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Peak Number 3 1-Octadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.261	2.31 ng	203336	Chrysene-d12	21.614

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene		252	C18H36	000112-88-9	78
2	Cyclohexadecane, 1,2-diethyl-		280	C20H40	1000155-85-3	78
3	1-Eicosene		280	C20H40	003452-07-1	60
4	10-Heneicosene (c,t)		294	C21H42	095008-11-0	60
5	E-15-Heptadecenal		252	C17H32O	1000130-97-9	60



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.141	13.6	ng	236453	1	7.953	347672	20.0
n-Hexadecanoic ...	18.230	4.6	ng	294280	4	17.342	1281870	20.0
1-Octadecene	21.261	2.3	ng	203336	5	21.614	1759970	20.0