

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
 Data File : BG056568.D
 Acq On : 7 Feb 2023 15:18
 Operator : CG/JU
 Sample : 01462-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

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-BG012723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056568.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.307	336	343	349	rBV	117314	179706	6.36%	1.548%
2	5.794	419	426	440	rBB	490649	791974	28.01%	6.824%
3	7.422	693	703	717	rBV	490566	851011	30.10%	7.333%
4	8.268	840	847	854	rVB	111320	181389	6.41%	1.563%
5	9.443	1039	1047	1056	rBV	293419	516696	18.27%	4.452%
6	11.100	1321	1329	1337	rBV	149646	261376	9.24%	2.252%
7	13.515	1733	1740	1750	rVB	1211325	1775859	62.80%	15.302%
8	14.889	1967	1974	1981	rVB	277603	432926	15.31%	3.730%
9	16.229	2196	2202	2206	rVB2	20500	28845	1.02%	0.249%
10	16.370	2220	2226	2235	rBV	846160	1294014	45.76%	11.150%
11	17.627	2434	2440	2445	rBV	381109	571790	20.22%	4.927%
12	17.669	2445	2447	2453	rVB	30984	38015	1.34%	0.328%
13	18.473	2579	2584	2592	rBV2	65936	108139	3.82%	0.932%
14	19.660	2781	2786	2791	rVB	77558	113503	4.01%	0.978%
15	19.989	2837	2842	2844	rBV3	17791	30116	1.07%	0.259%
16	20.025	2844	2848	2854	rVB	78138	111208	3.93%	0.958%
17	20.207	2873	2879	2884	rVB	2228288	2827697	100.00%	24.365%
18	21.493	3094	3098	3107	rVB4	75201	135853	4.80%	1.171%
19	21.916	3162	3170	3176	rBV2	355244	677659	23.97%	5.839%
20	23.626	3458	3461	3470	rVB2	36351	62245	2.20%	0.536%
21	25.336	3744	3752	3767	rVB2	206904	615514	21.77%	5.304%

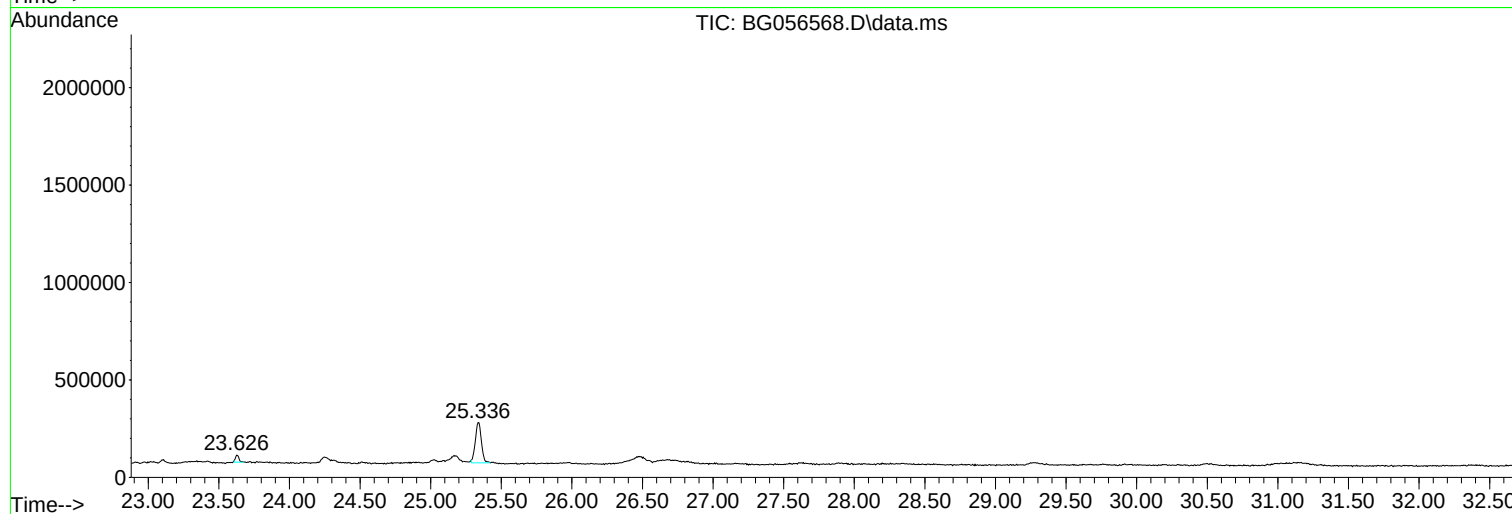
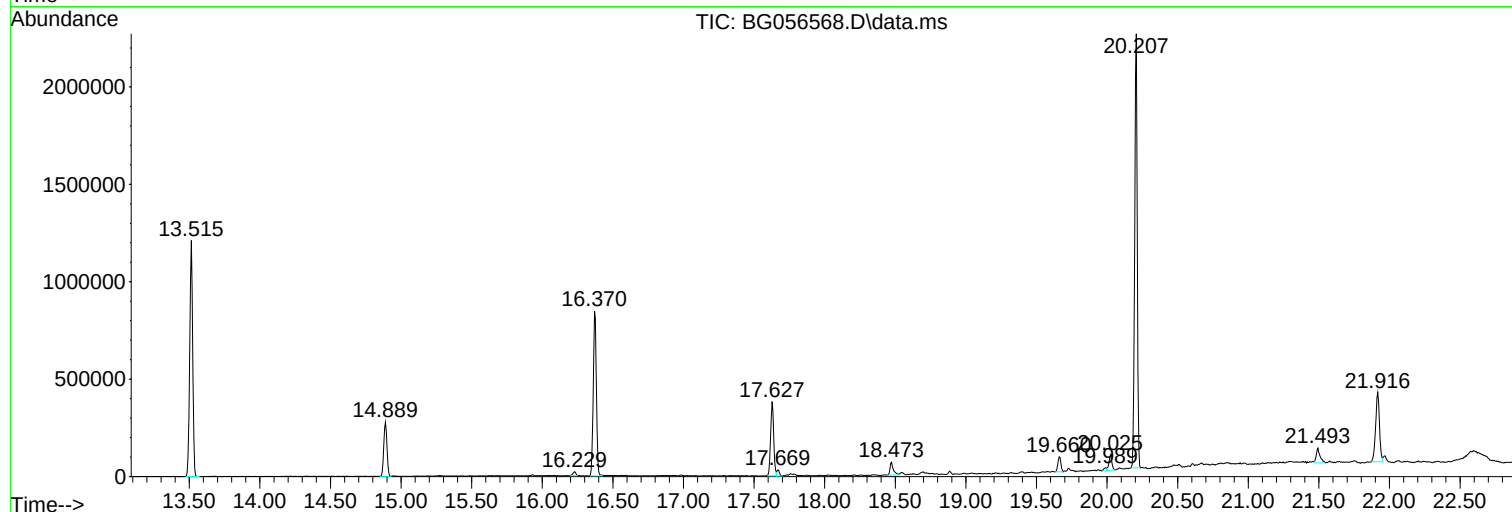
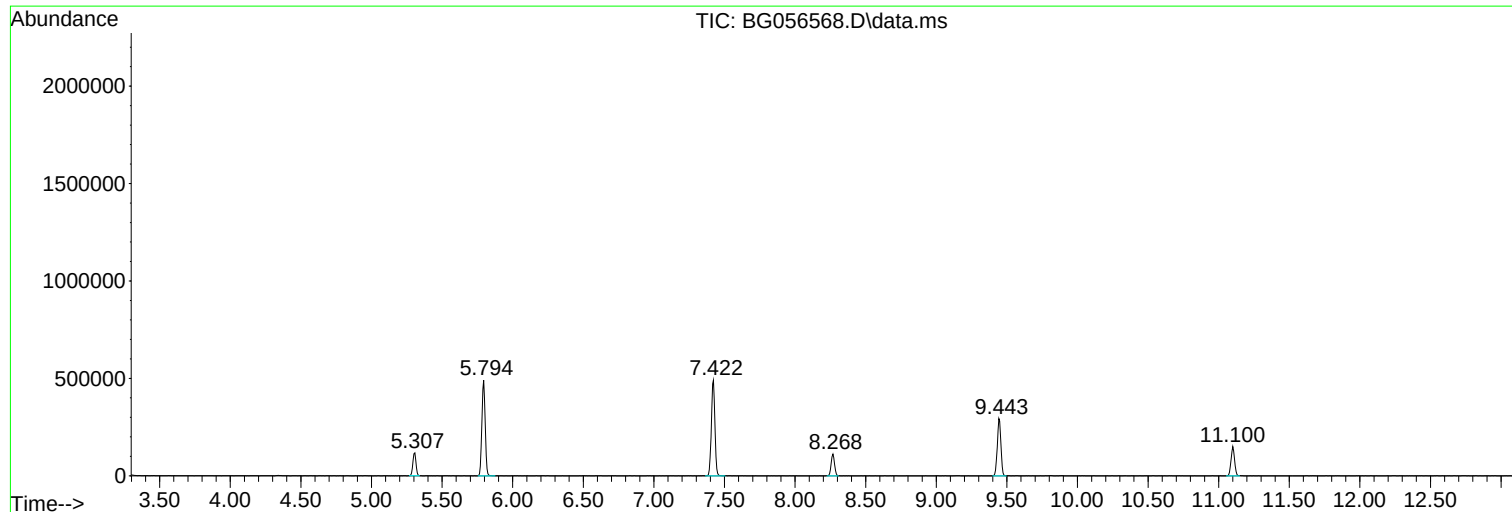
Sum of corrected areas: 11605535

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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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Misc :
ALS Vial : 6 Sample Multiplier: 1

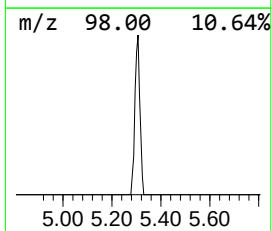
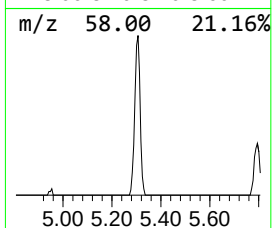
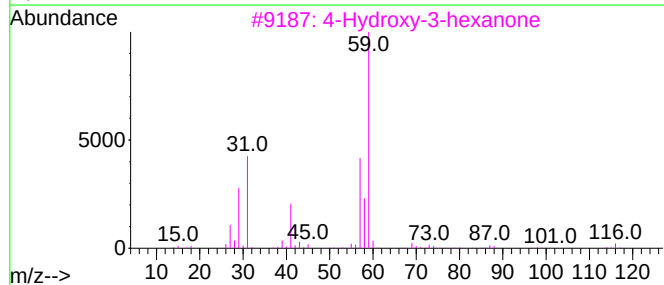
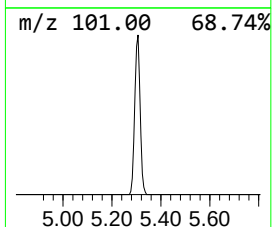
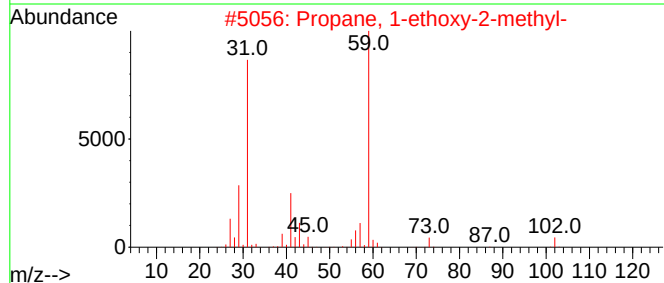
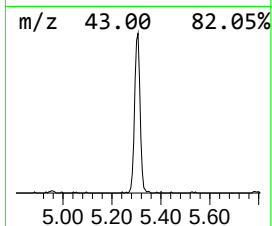
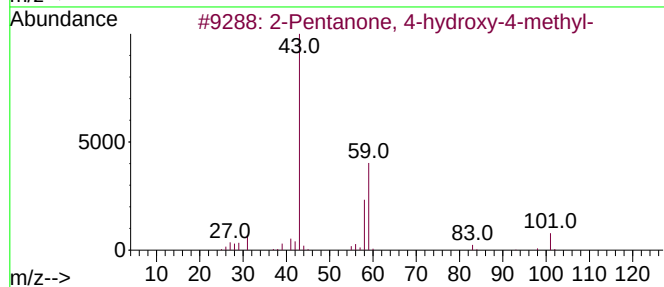
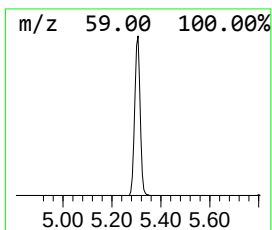
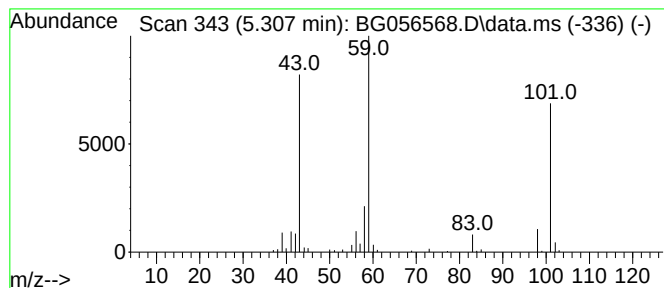
Instrument :
BNA_G
ClientSampleId :
COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
5.307	19.81 ng	179706	1,4-Dichlorobenzene-d4			8.268
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	50
2	Propane, 1-ethoxy-2-methyl-		102	C6H14O	000627-02-1	25
3	4-Hydroxy-3-hexanone		116	C6H12O2	004984-85-4	23
4	1,2-Butanediol		90	C4H10O2	000584-03-2	17
5	Propanoic acid, 3-nitro-, methyl...		133	C4H7NO4	020497-95-4	17



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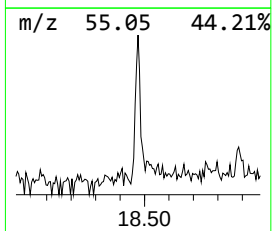
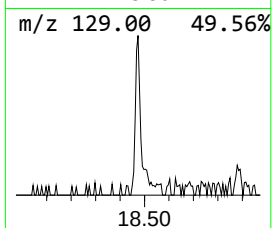
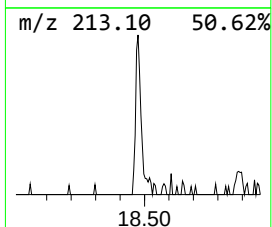
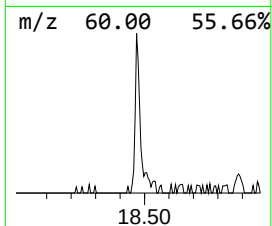
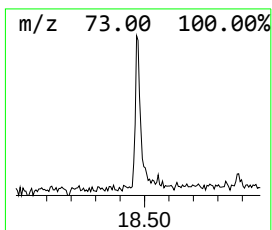
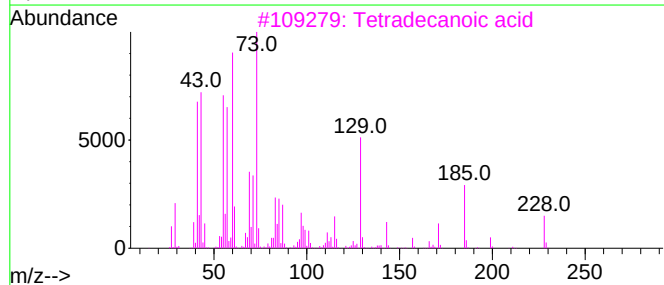
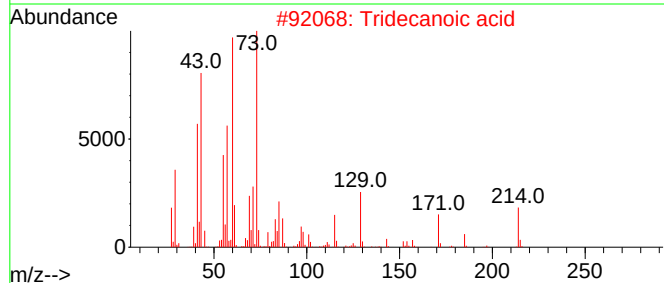
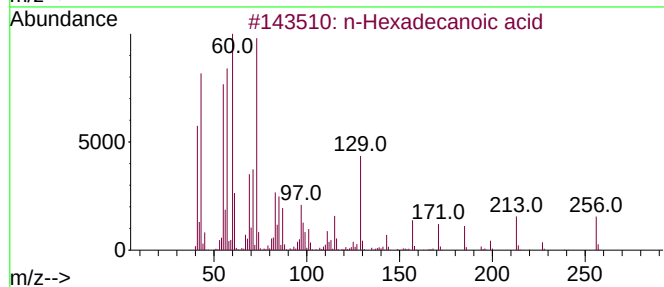
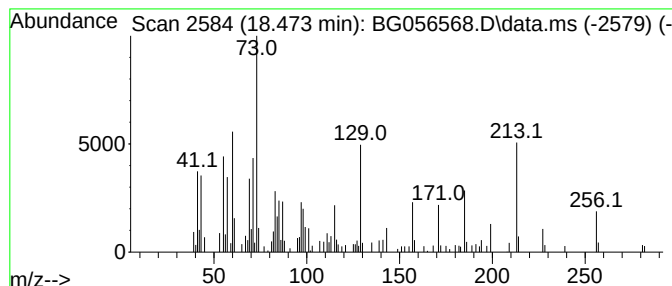
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.474	3.78 ng	108139	Phenanthrene-d10	17.627

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5		Dodecanoic acid	200	C12H24O2	000143-07-7	35



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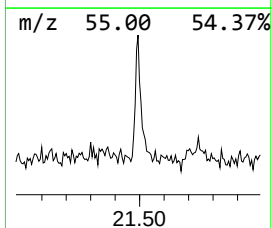
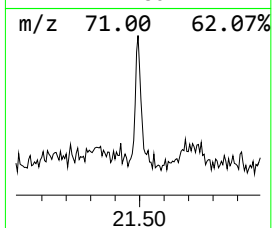
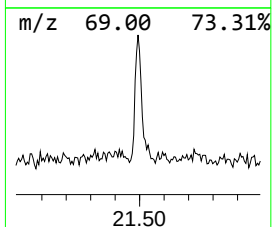
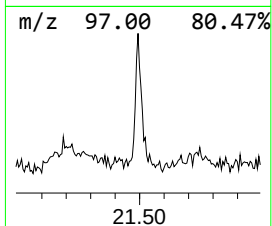
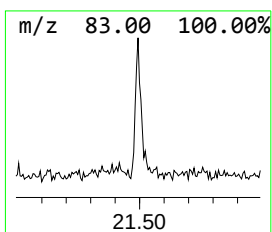
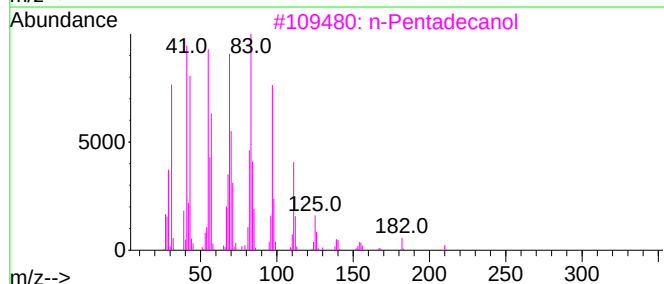
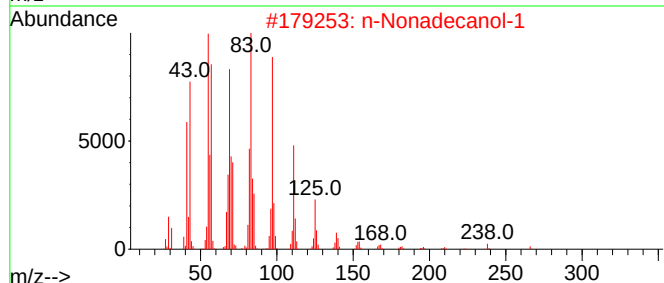
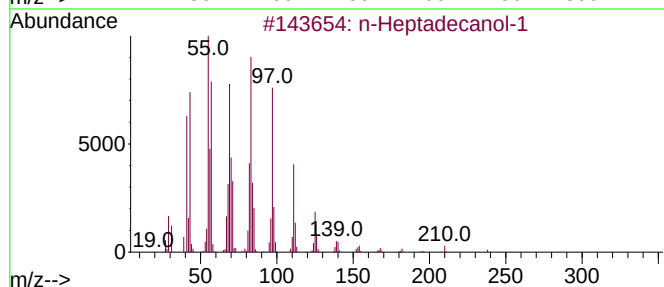
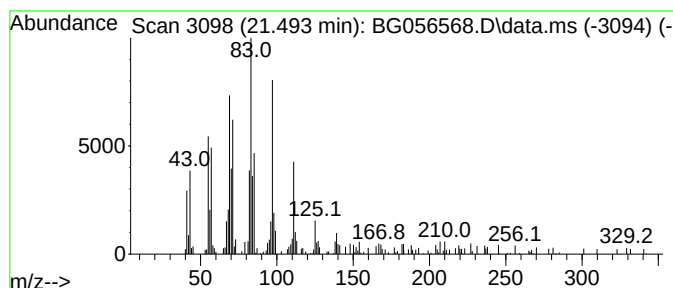
Instrument :
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Peak Number 3 n-Heptadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.493	4.01 ng	135853	Chrysene-d12	21.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	86
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	80
3	n-Pentadecanol	228	C15H32O	000629-76-5	78
4	3-Octadecene, (E)-	252	C18H36	007206-19-1	59
5	1-Heneicosanol	312	C21H44O	015594-90-8	58



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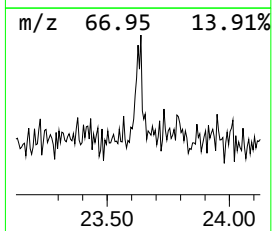
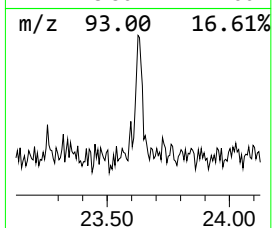
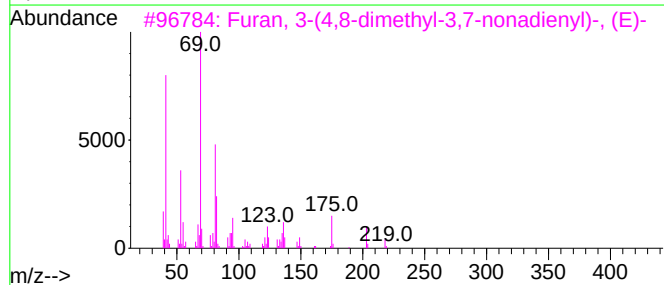
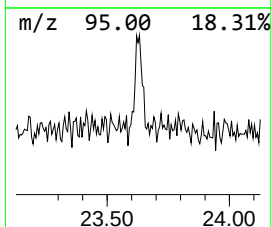
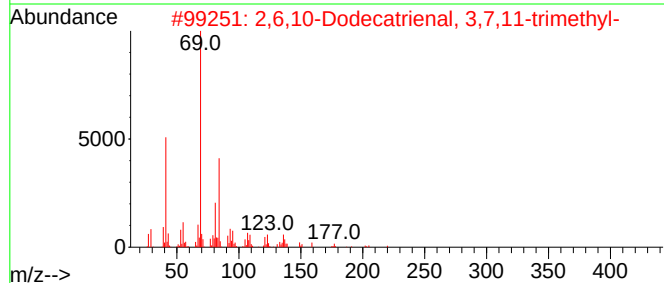
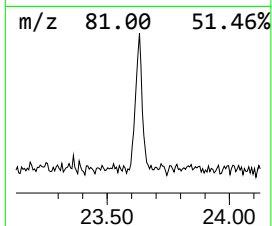
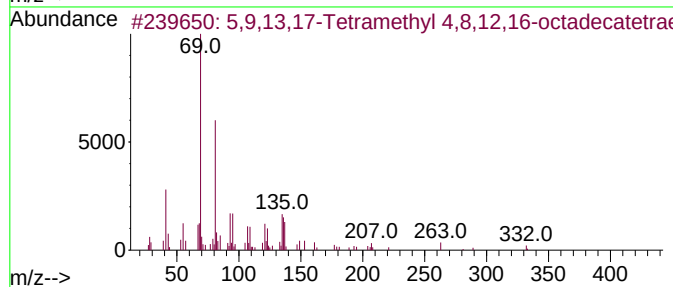
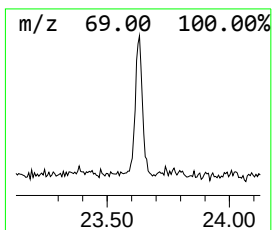
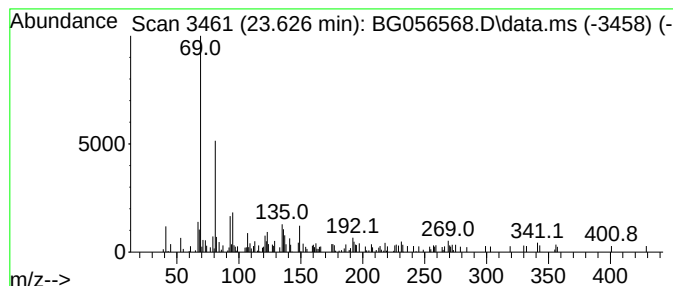
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Peak Number 4 5,9,13,17-Tetramethyl 4,8,1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.626	2.02 ng	62245	Perylene-d12	25.336

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,9,13,17-Tetramethyl 4,8,12,16-...	332	C22H36O2	1000432-37-9	86		
2	2,6,10-Dodecatrienal, 3,7,11-tri...	220	C15H24O	019317-11-4	59		
3	Furan, 3-(4,8-dimethyl-3,7-nonad...	218	C15H22O	023262-34-2	58		
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	58		
5	8-Chloro-1-octanol, benzyldimeth...	312	C17H29ClOSi	1000375-56-9	53		



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.307	19.8	ng	179706	1	8.268	181389	20.0
n-Hexadecanoic ...	18.474	3.8	ng	108139	4	17.627	571790	20.0
n-Heptadecanol-1	21.493	4.0	ng	135853	5	21.916	677659	20.0
5,9,13,17-Tetra...	23.626	2.0	ng	62245	6	25.336	615514	20.0