

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055783.D
 Acq On : 25 Nov 2022 16:35
 Operator : CG/JU
 Sample : N5741-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-16R

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-BG111622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055783.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.286	334	340	350	rVB	74587	113754	3.51%	0.902%
2	5.767	415	422	434	rBV	362825	586968	18.11%	4.655%
3	7.383	689	697	709	rBV	227241	406640	12.55%	3.225%
4	8.235	835	842	849	rBV	148249	249533	7.70%	1.979%
5	9.410	1033	1042	1052	rBV	455280	814984	25.15%	6.464%
6	11.061	1316	1323	1332	rBV	197917	360658	11.13%	2.861%
7	13.482	1728	1735	1743	rBV	1237275	1913198	59.03%	15.174%
8	14.857	1963	1969	1978	rVB	347921	536345	16.55%	4.254%
9	16.202	2192	2198	2204	rVB	34528	51377	1.59%	0.407%
10	16.343	2215	2222	2238	rBV	1098036	1668025	51.46%	13.230%
11	17.601	2429	2436	2450	rVB	460611	703241	21.70%	5.578%
12	18.458	2577	2582	2591	rBV	73883	124944	3.85%	0.991%
13	19.722	2792	2797	2806	rBV	37628	75666	2.33%	0.600%
14	20.186	2870	2876	2882	rBV	2343751	3241136	100.00%	25.707%
15	21.525	3101	3104	3118	rVB6	32838	99778	3.08%	0.791%
16	21.896	3160	3167	3177	rVB	461199	803637	24.79%	6.374%
17	25.292	3735	3745	3758	rVB2	293822	858248	26.48%	6.807%

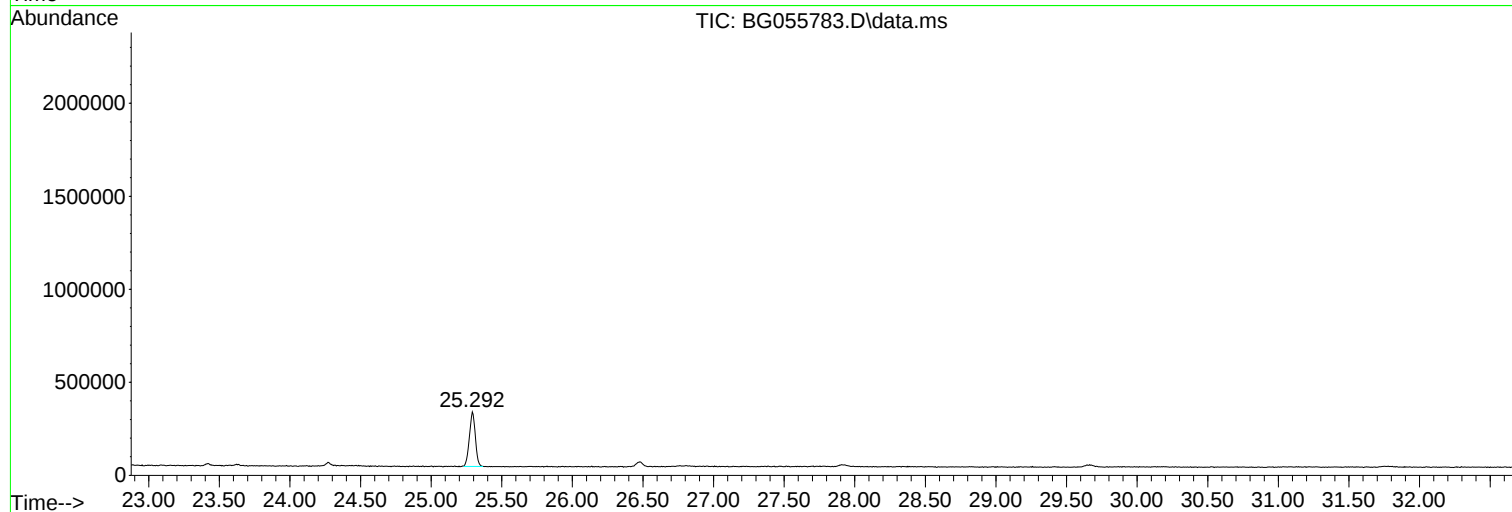
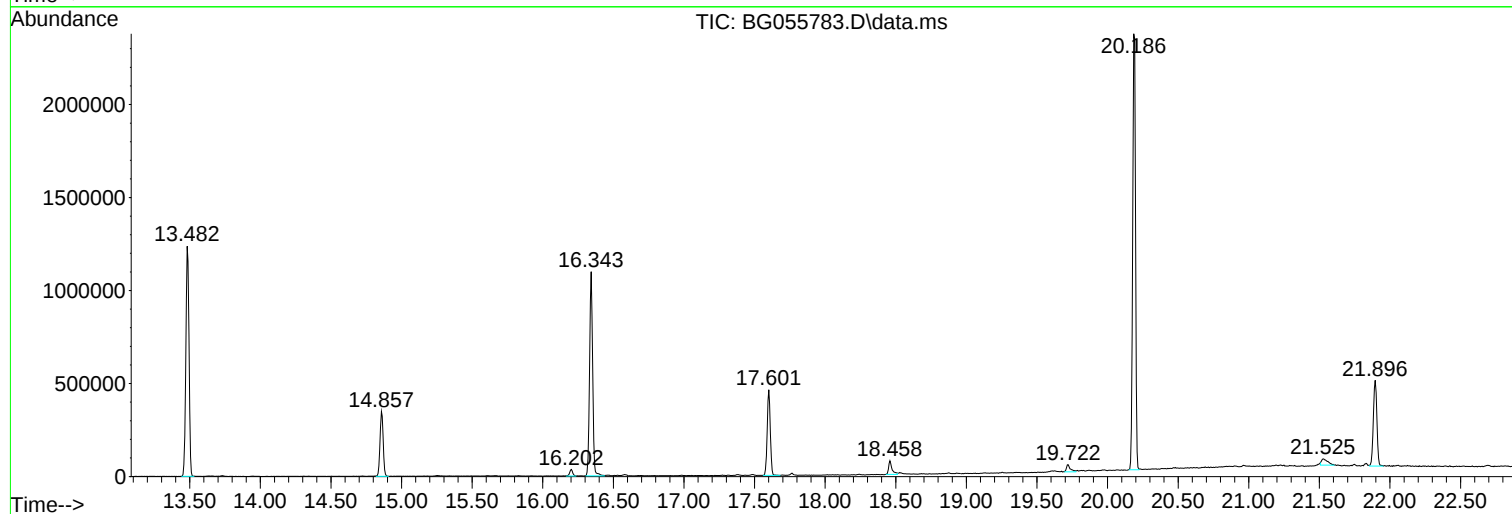
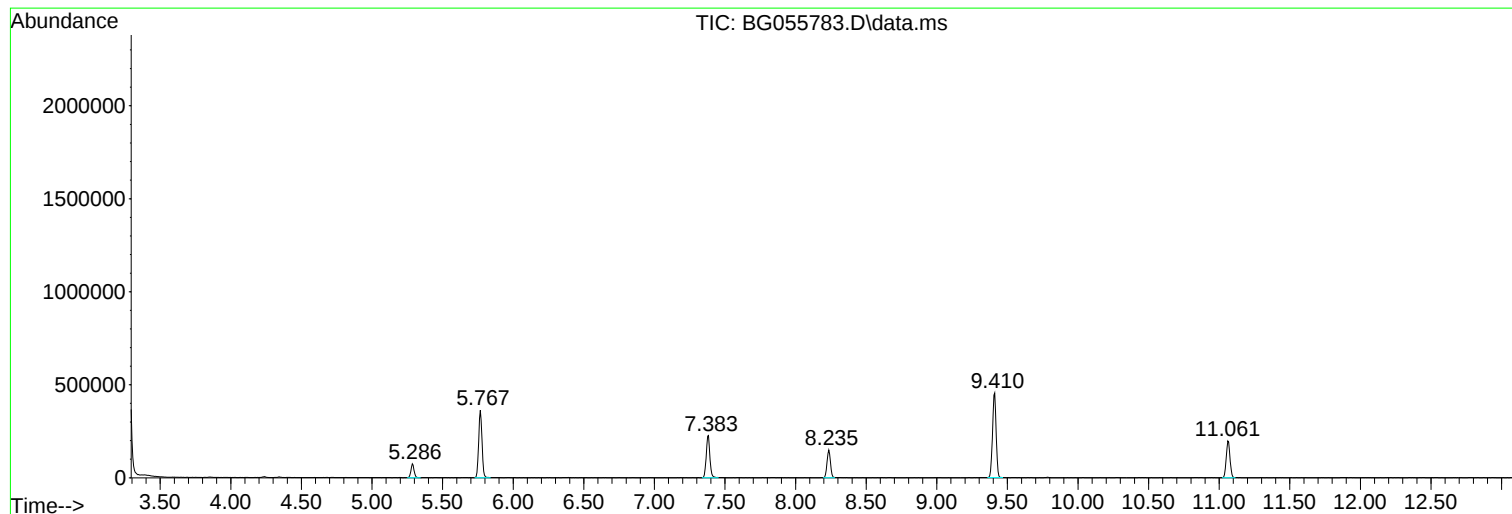
Sum of corrected areas: 12608132

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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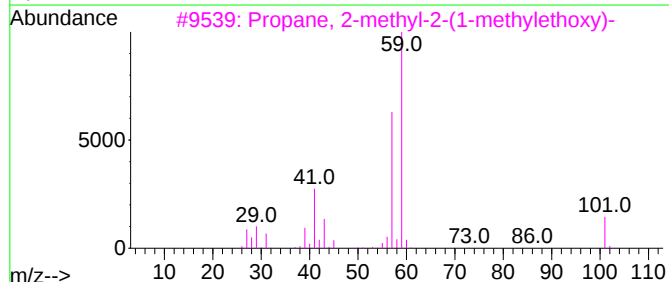
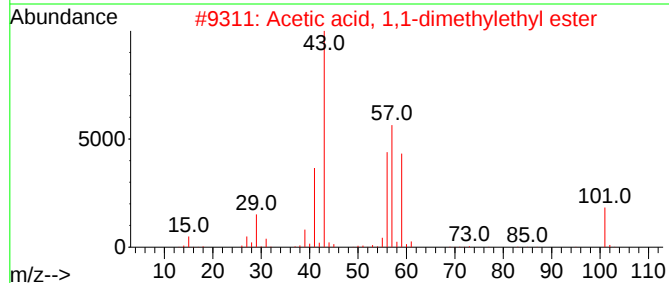
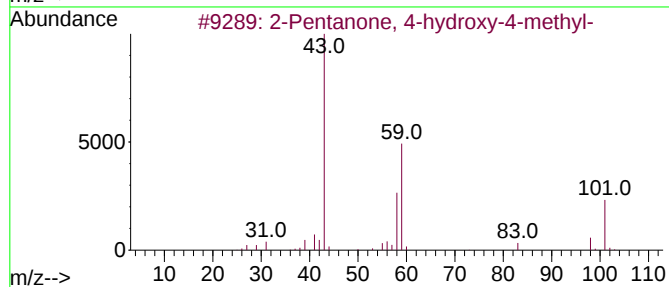
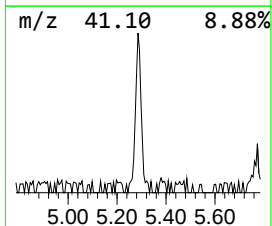
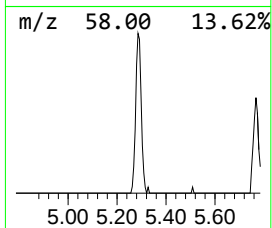
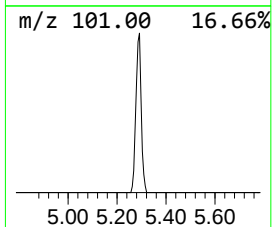
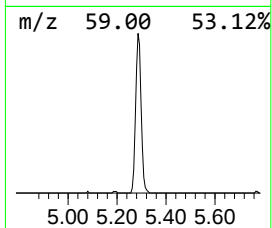
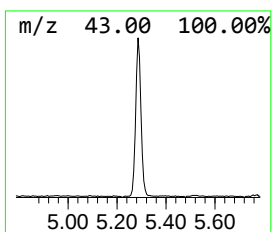
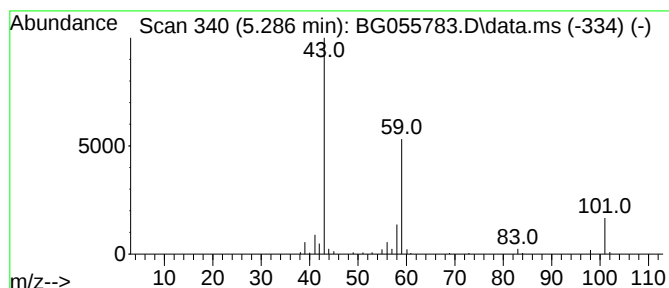
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.286	9.12 ng	113754	1,4-Dichlorobenzene-d4	8.235

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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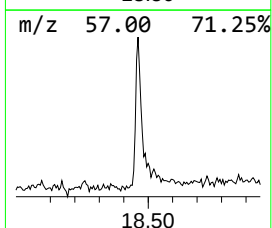
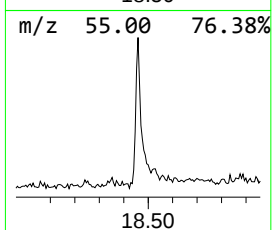
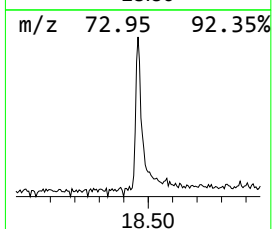
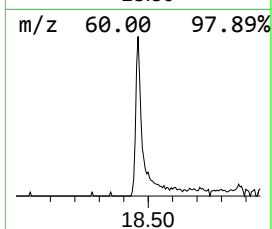
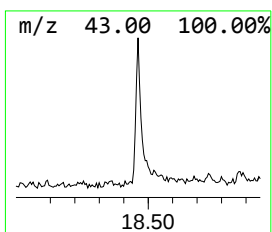
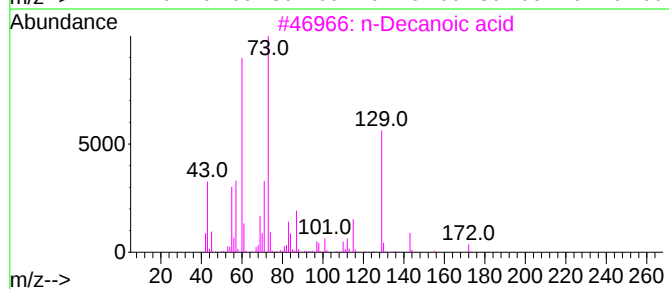
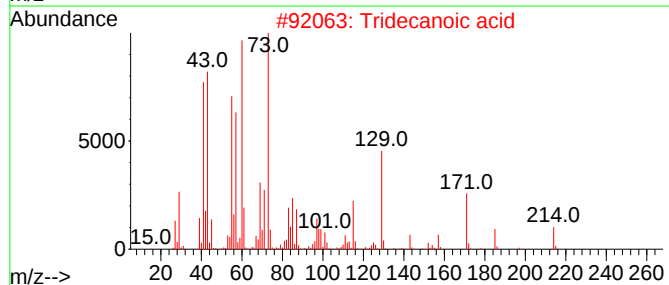
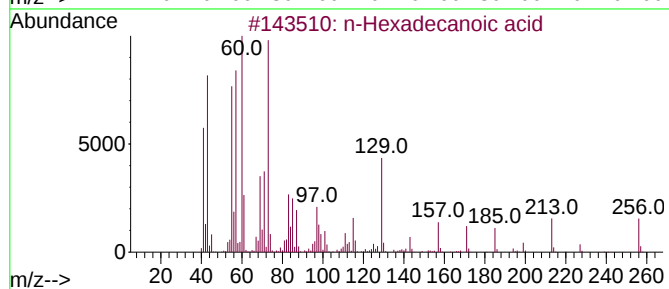
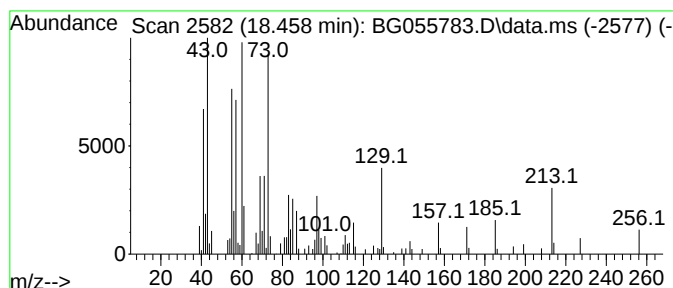
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.458	3.55 ng	124944	Phenanthrene-d10	17.601

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	91
3			n-Decanoic acid	172	C10H20O2	000334-48-5	83
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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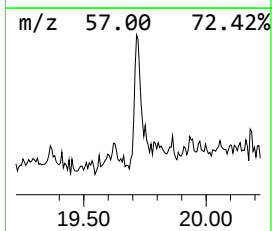
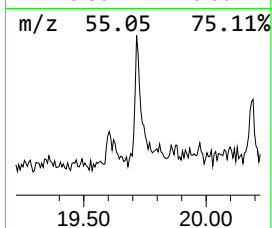
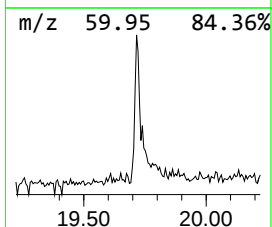
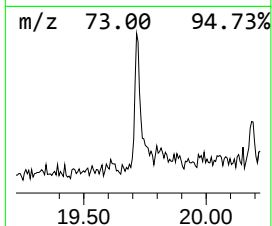
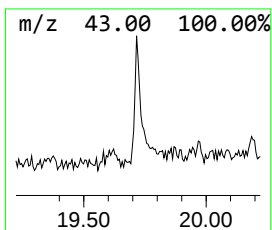
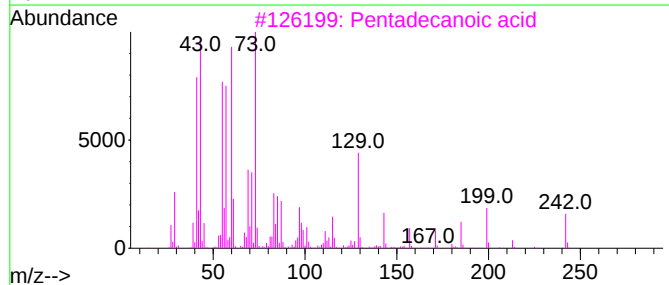
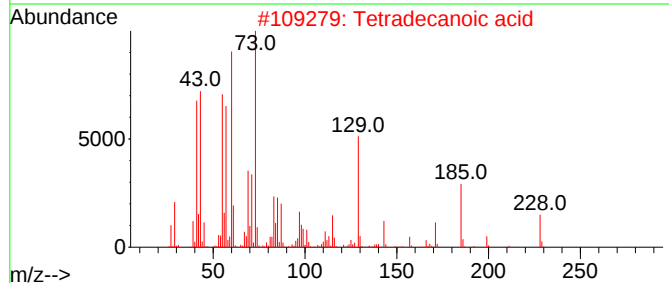
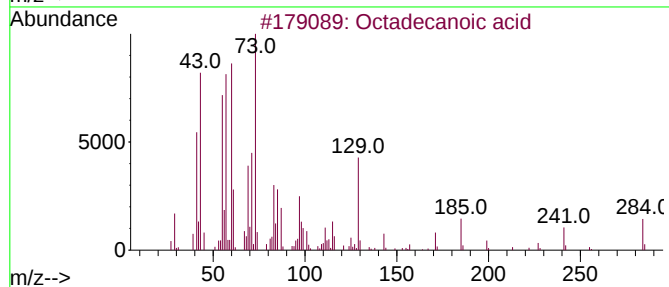
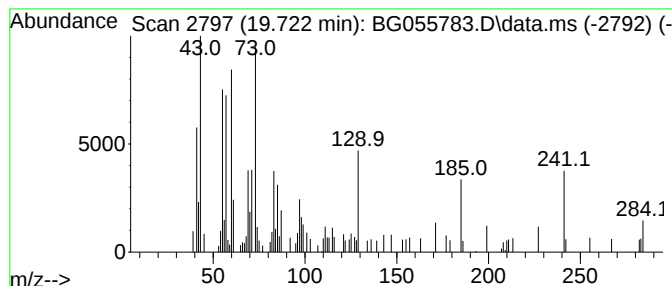
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.722	2.15 ng	75666	Phenanthrene-d10	17.601

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



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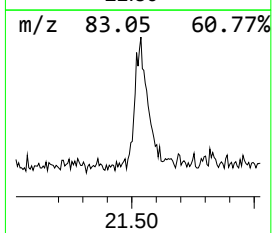
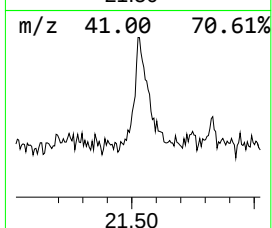
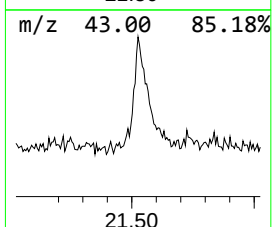
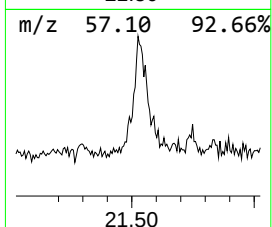
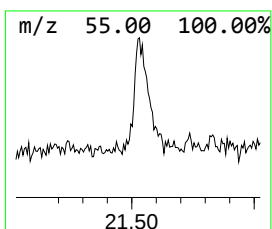
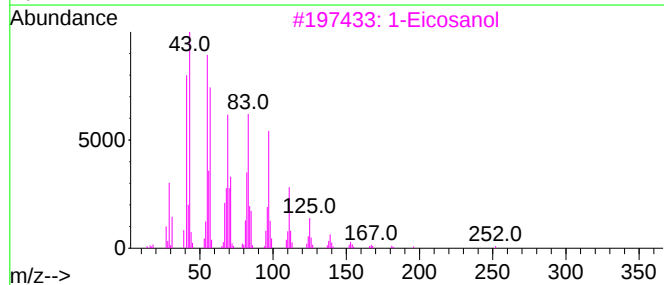
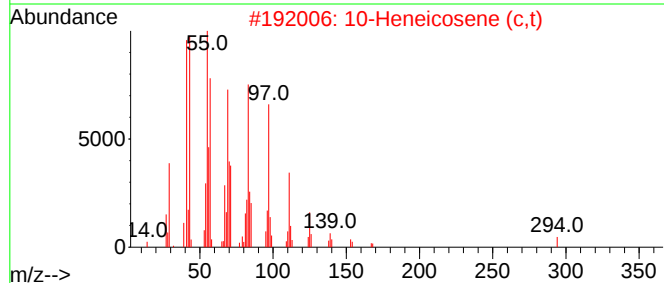
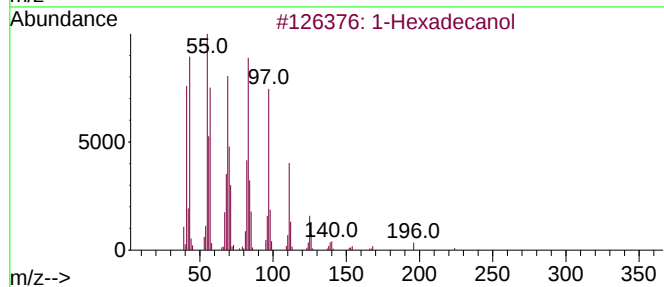
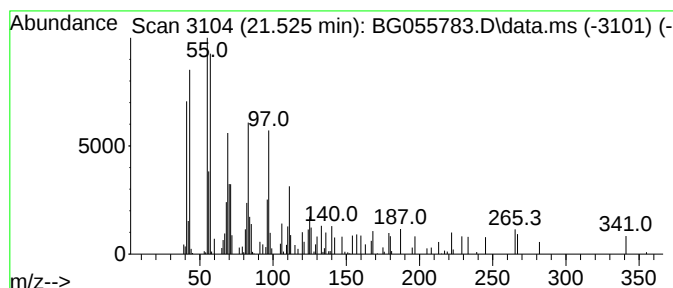
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Peak Number 4 1-Hexadecanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.525	2.48 ng	99778	Chrysene-d12	21.896

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexadecanol	242	C16H34O	036653-82-4	70
2		10-Heneicosene (c,t)	294	C21H42	095008-11-0	68
3		1-Eicosanol	298	C20H42O	000629-96-9	64
4		1-Docosene	308	C22H44	001599-67-3	64
5		1-Tricosene	322	C23H46	018835-32-0	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.286	9.1	ng	113754	1	8.235	249533	20.0
n-Hexadecanoic ...	18.458	3.5	ng	124944	4	17.601	703241	20.0
Octadecanoic acid	19.722	2.1	ng	75666	4	17.601	703241	20.0
1-Hexadecanol	21.525	2.5	ng	99778	5	21.896	803637	20.0