

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042021\
 Data File : BG048802.D
 Acq On : 20 Apr 2021 20:11
 Operator : CG/JU
 Sample : M2076-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-0-2.0

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-BG041421.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048802.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.608	379	386	398	rBV	270804	426974	31.86%	7.185%
2	7.224	653	661	670	rBV	287591	476550	35.56%	8.019%
3	8.058	797	803	810	rBV2	62051	104072	7.76%	1.751%
4	9.233	995	1003	1013	rVB2	175902	307988	22.98%	5.183%
5	10.884	1277	1284	1294	rBV	79021	144307	10.77%	2.428%
6	13.340	1695	1702	1711	rVB	461300	698558	52.12%	11.755%
7	14.169	1836	1843	1849	rVB2	15487	22776	1.70%	0.383%
8	14.721	1931	1937	1943	rBV2	134103	214794	16.03%	3.614%
9	16.213	2185	2191	2201	rBV	453213	670104	50.00%	11.276%
10	17.477	2400	2406	2412	rBV	204262	310619	23.18%	5.227%
11	18.364	2550	2557	2567	rBV2	66076	113249	8.45%	1.906%
12	19.633	2767	2773	2779	rBV3	26621	45820	3.42%	0.771%
13	20.091	2845	2851	2857	rVB	1115134	1340275	100.00%	22.553%
14	21.395	3068	3073	3081	rBV3	56712	90184	6.73%	1.518%
15	21.478	3084	3087	3092	rBV2	13435	17835	1.33%	0.300%
16	21.777	3130	3138	3146	rBV	211936	359826	26.85%	6.055%
17	21.960	3164	3169	3173	rBV6	13874	23778	1.77%	0.400%
18	22.588	3270	3276	3281	rBV7	12486	31361	2.34%	0.528%
19	23.111	3357	3365	3368	rBV9	13823	28210	2.10%	0.475%
20	23.299	3390	3397	3404	rVB7	18057	32842	2.45%	0.553%
21	24.133	3534	3539	3546	rVB8	21377	43099	3.22%	0.725%
22	25.103	3693	3704	3716	rVB2	131580	395989	29.55%	6.663%
23	26.307	3902	3909	3916	rVB10	16490	43536	3.25%	0.733%

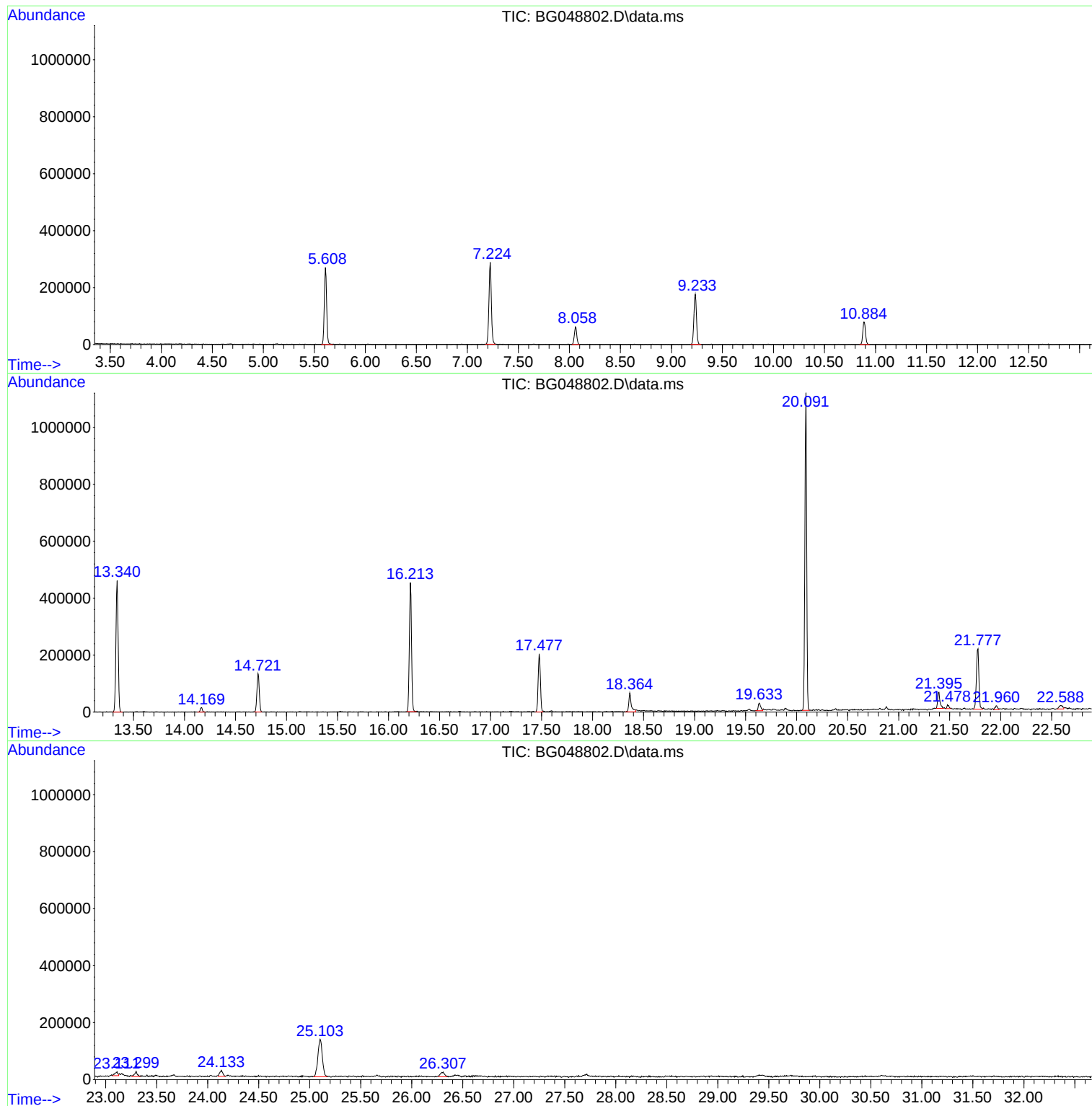
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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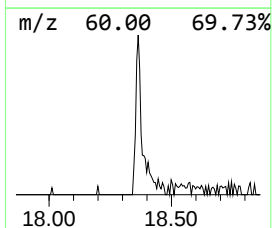
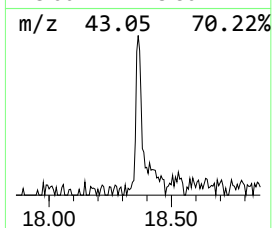
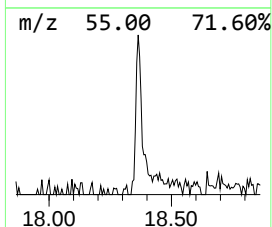
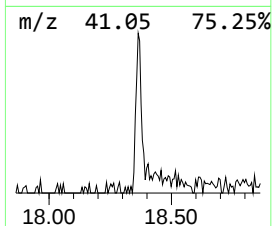
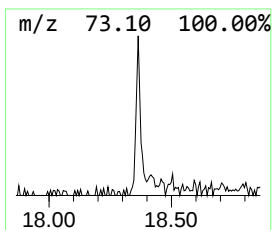
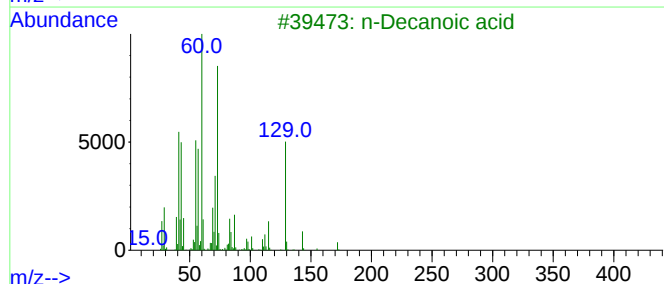
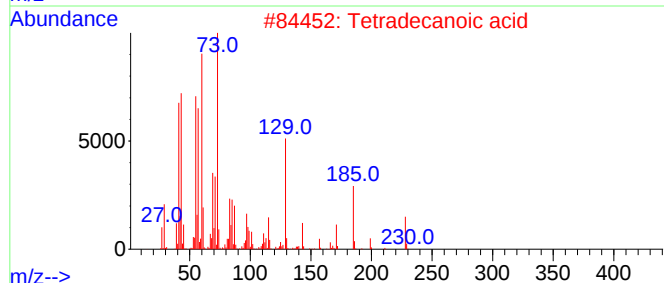
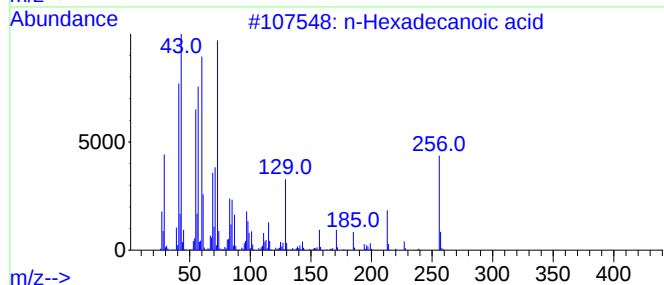
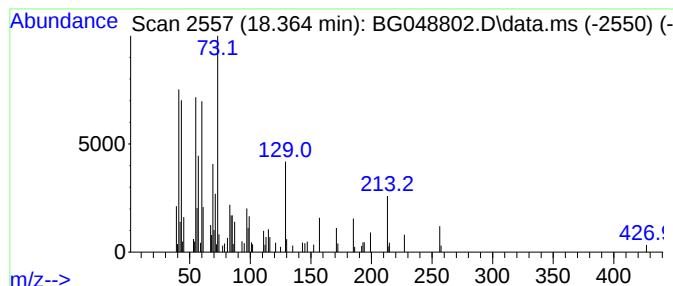
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.364	7.29 ng	113249	Phenanthrene-d10	17.477

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	50
3			n-Decanoic acid	172	C10H20O2	000334-48-5	49
4			Octadecanoic acid	284	C18H36O2	000057-11-4	38
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	35



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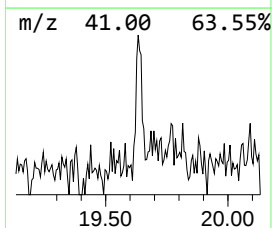
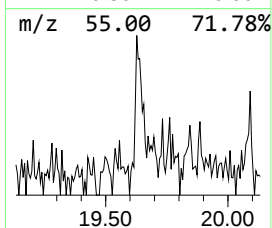
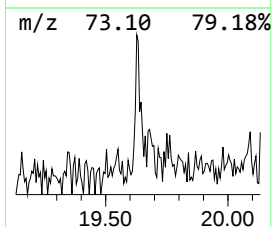
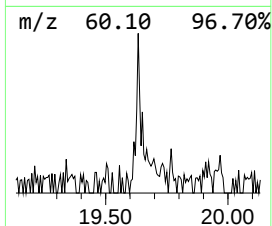
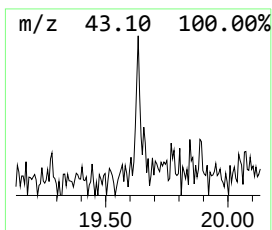
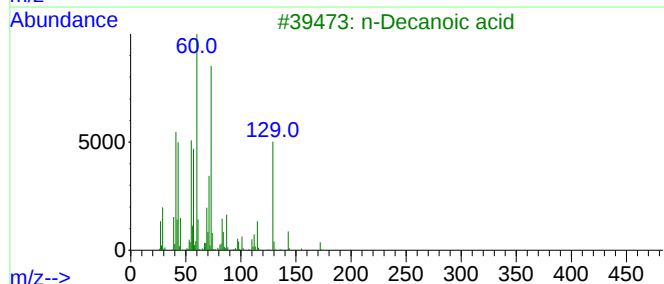
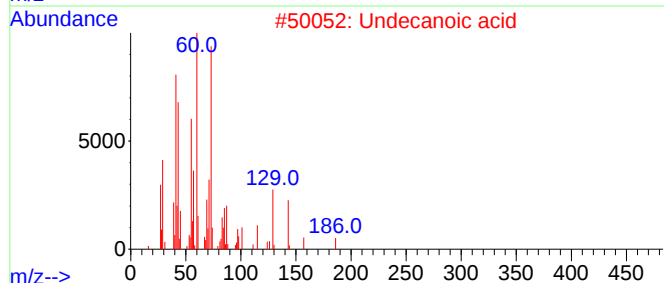
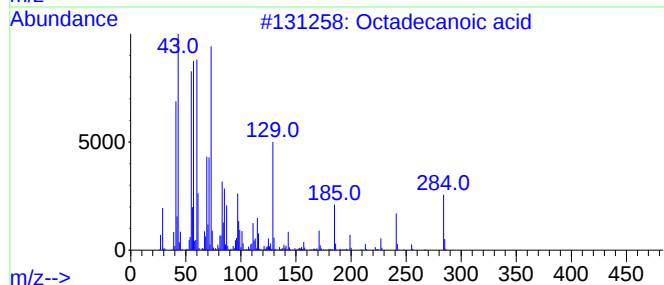
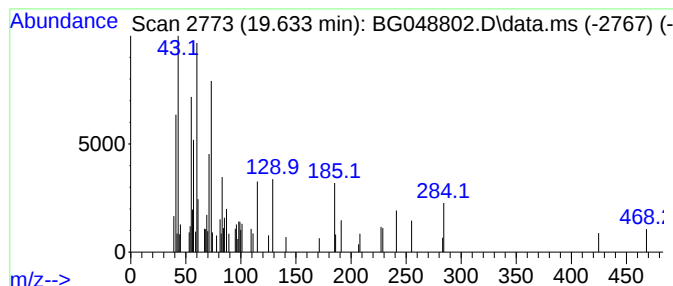
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.633	2.55 ng	45820	Chrysene-d12	21.777

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	81
2			Undecanoic acid	186	C11H22O2	000112-37-8	60
3			n-Decanoic acid	172	C10H20O2	000334-48-5	53
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43



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Instrument :
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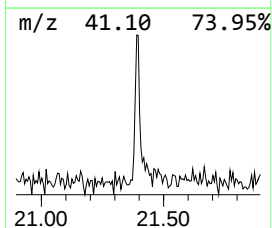
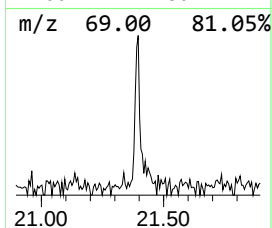
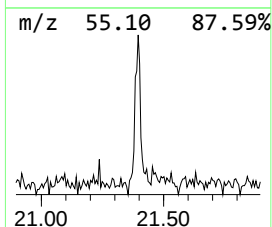
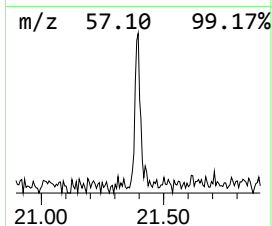
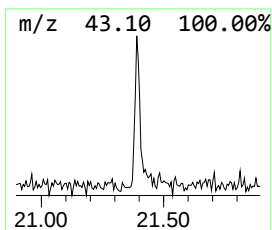
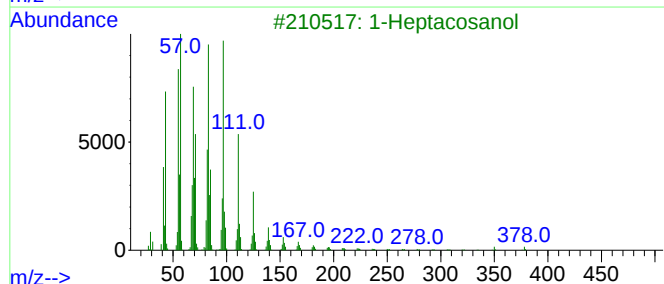
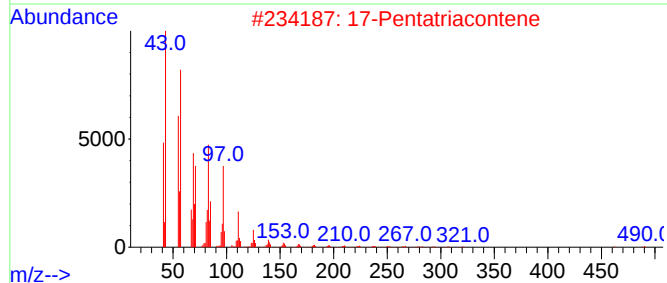
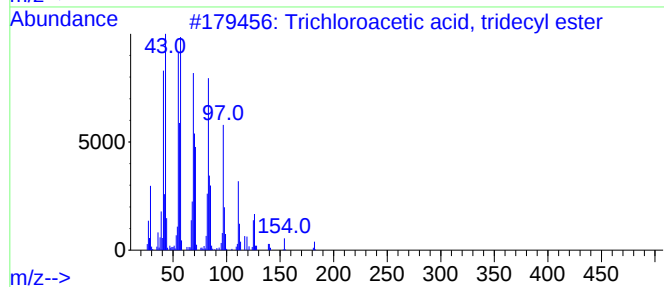
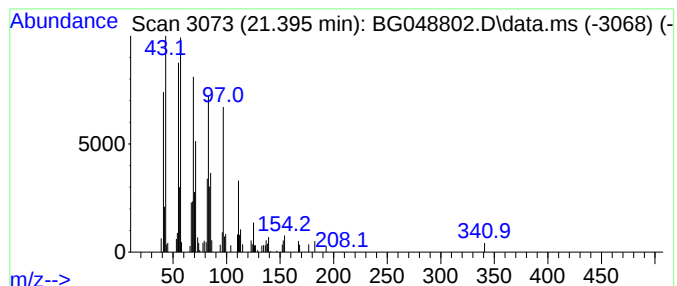
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 Trichloroacetic acid, tride... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.395	5.01 ng	90184	Chrysene-d12	21.777

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	91
2			17-Pentatriacontene	491	C35H70	006971-40-0	87
3			1-Heptacosanol	396	C27H56O	002004-39-9	87
4			1-Tridecene	182	C13H26	002437-56-1	62
5			Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	60



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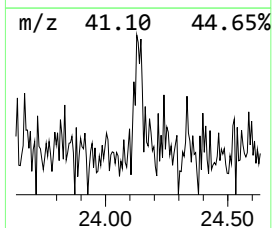
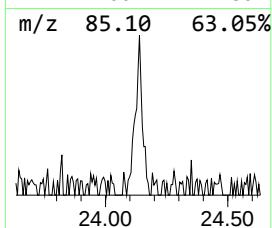
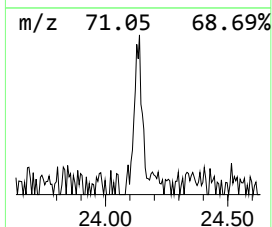
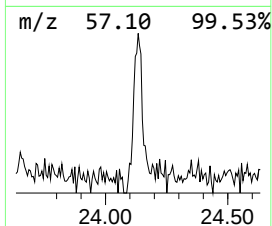
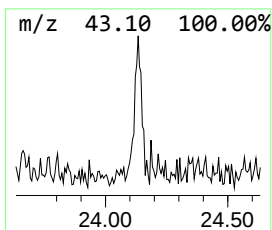
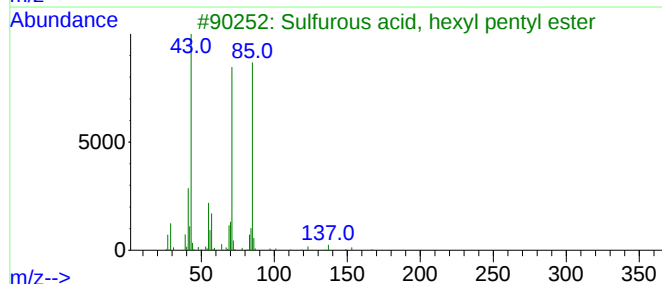
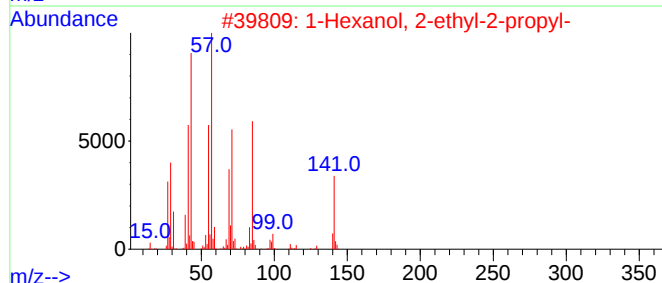
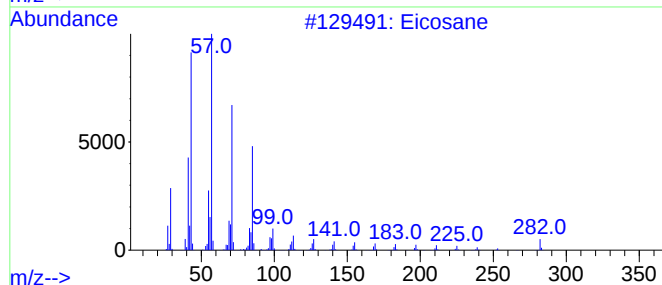
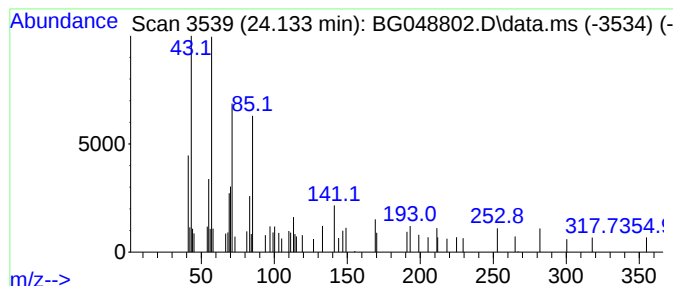
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Peak Number 4 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.133	2.18 ng	43099	Perylene-d12	25.097

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	52
2			1-Hexanol, 2-ethyl-2-propyl-	172	C11H24O	054461-00-6	50
3			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	43
4			Decane, 1-iodo-	268	C10H21I	002050-77-3	43
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	43



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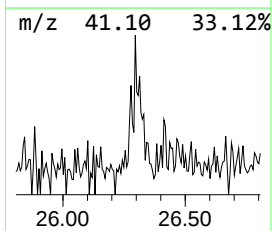
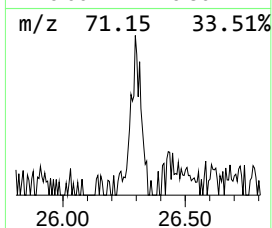
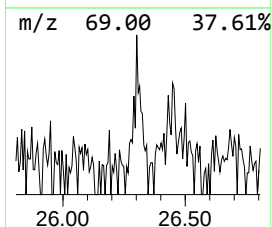
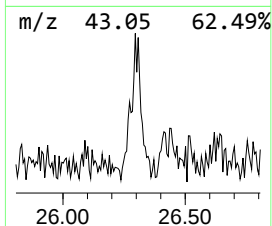
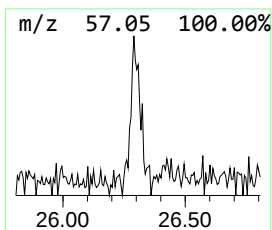
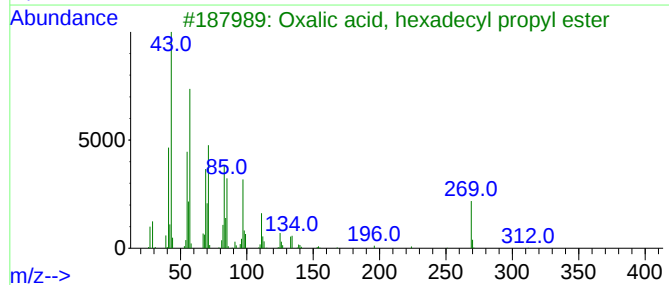
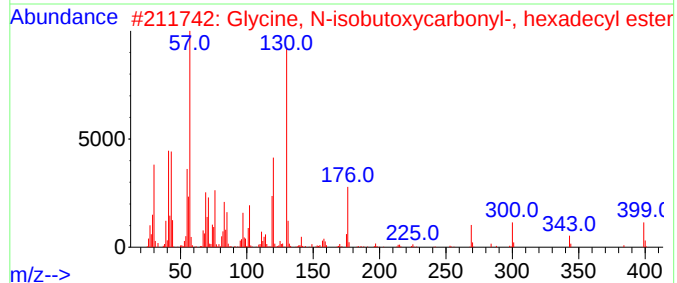
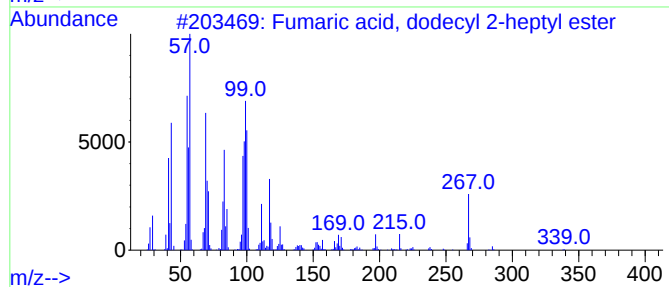
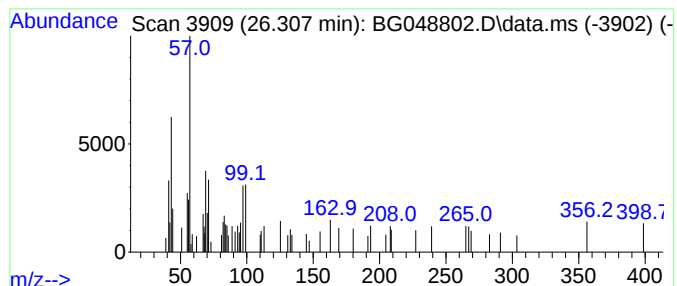
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 unknown26.307 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.307	2.20 ng	43536	Perylene-d12	25.097

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fumaric acid, dodecyl 2-heptyl e...	382	C23H42O4	1000348-62-9	12
2			Glycine, N-isobutoxycarbonyl-, h...	399	C23H45NO4	1000313-54-7	10
3			Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	10
4			Undecanoic acid, 11-bromo-, unde...	418	C22H43BrO2	1000156-09-6	10
5			13,17,21-Trimethylheptatriacontane	563	C40H82	058668-40-9	10



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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.364	7.3	ng	113249	4	17.477	310619	20.0
Octadecanoic acid	19.633	2.5	ng	45820	5	21.777	359826	20.0
Trichloroacetic...	21.395	5.0	ng	90184	5	21.777	359826	20.0
Eicosane	24.133	2.2	ng	43099	6	25.097	395989	20.0
unknown26.307	26.307	2.2	ng	43536	6	25.097	395989	20.0