

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058624.D
 Acq On : 7 Aug 2023 12:55
 Operator : MA/JU
 Sample : 03831-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15-20230727

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: BG058624.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.386	385	391	400	rBV	294320	470453	14.43%	3.443%
2	6.984	657	663	678	rBV	160030	290178	8.90%	2.124%
3	7.812	797	804	812	rBV	127498	209906	6.44%	1.536%
4	8.975	994	1002	1019	rBV	414390	749881	23.00%	5.488%
5	10.615	1274	1281	1289	rBV	173039	319217	9.79%	2.336%
6	13.082	1693	1701	1708	rBV	1183416	1789439	54.89%	13.095%
7	13.241	1711	1728	1741	rVV9	30355	206008	6.32%	1.508%
8	14.463	1929	1936	1944	rBV	320610	508387	15.59%	3.720%
9	15.950	2182	2189	2206	rBV	1036390	1736227	53.26%	12.706%
10	16.931	2343	2356	2380	rBV3	117693	603211	18.50%	4.414%
11	17.207	2397	2403	2412	rBV	494055	742617	22.78%	5.435%
12	18.094	2549	2554	2563	rBV2	150426	257311	7.89%	1.883%
13	19.369	2760	2771	2786	rBV	131831	275165	8.44%	2.014%
14	19.827	2843	2849	2860	rBV	2480201	3259987	100.00%	23.857%
15	20.380	2937	2943	2950	rBV	40980	62854	1.93%	0.460%
16	20.750	3001	3006	3011	rBV2	21053	33515	1.03%	0.245%
17	21.337	3102	3106	3110	rVB	27469	35907	1.10%	0.263%
18	21.402	3112	3117	3119	rVV	24797	36171	1.11%	0.265%
19	21.449	3119	3125	3135	rVB2	523252	833790	25.58%	6.102%
20	22.107	3233	3237	3243	rVB	25483	45416	1.39%	0.332%
21	22.307	3267	3271	3277	rVB2	30219	54584	1.67%	0.399%
22	22.924	3370	3376	3381	rVV4	24929	49126	1.51%	0.360%
23	23.858	3530	3535	3544	rVB2	21733	47031	1.44%	0.344%
24	24.522	3637	3648	3663	rBV	318512	997510	30.60%	7.300%
25	24.951	3717	3721	3730	rVB3	20257	50686	1.55%	0.371%

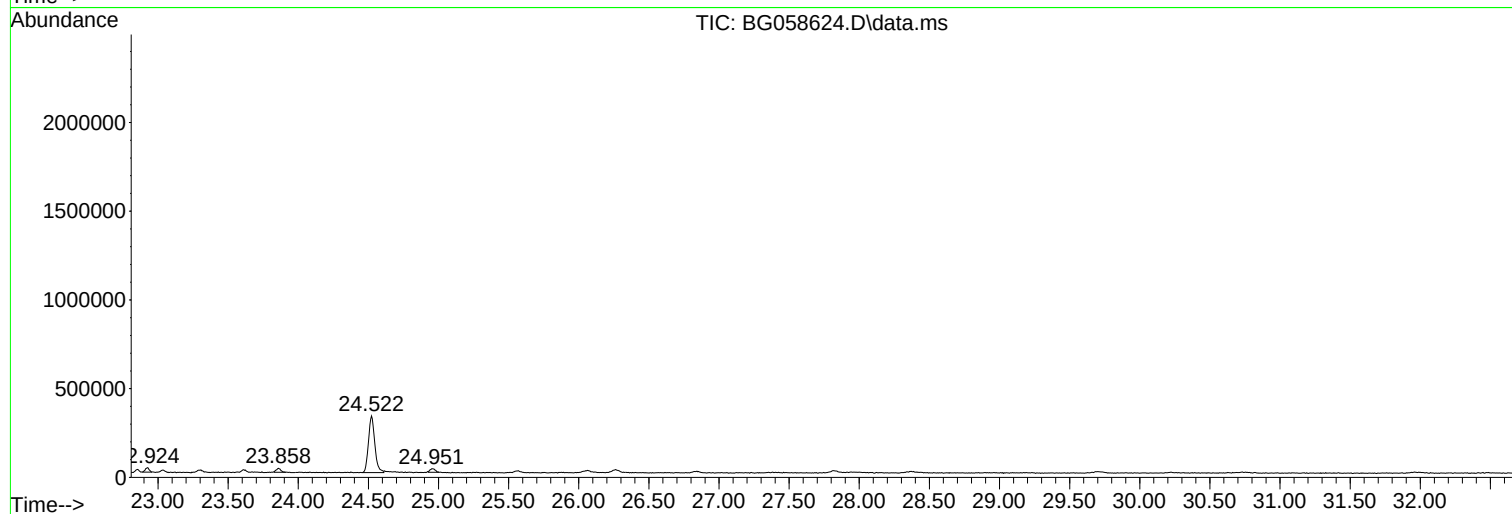
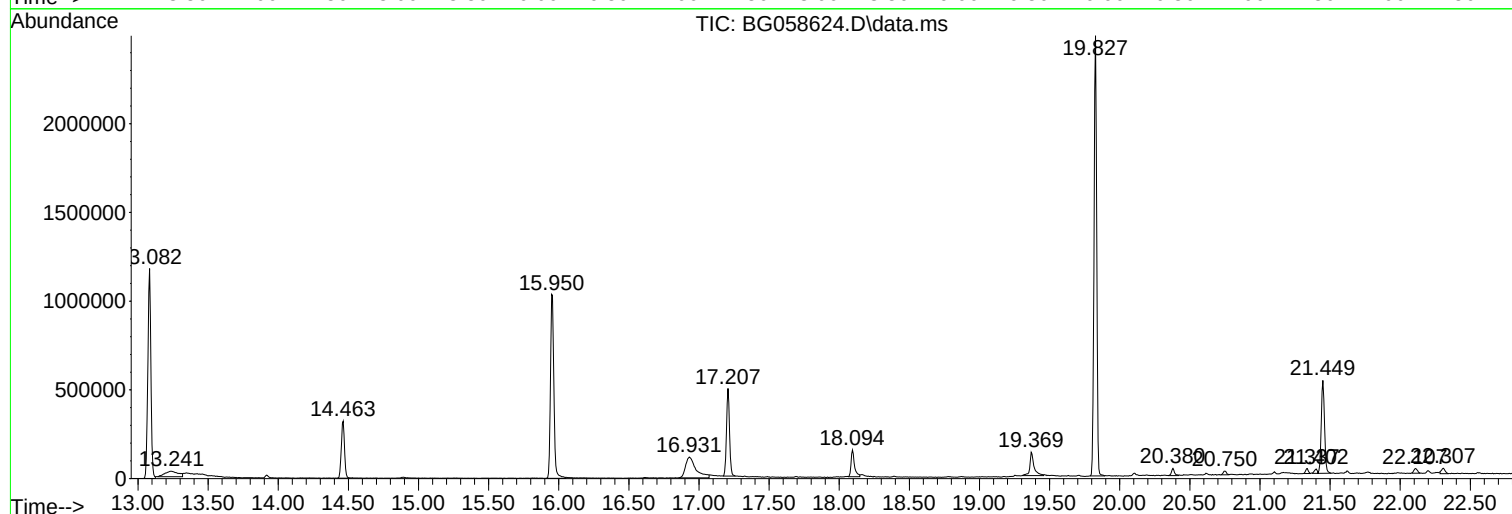
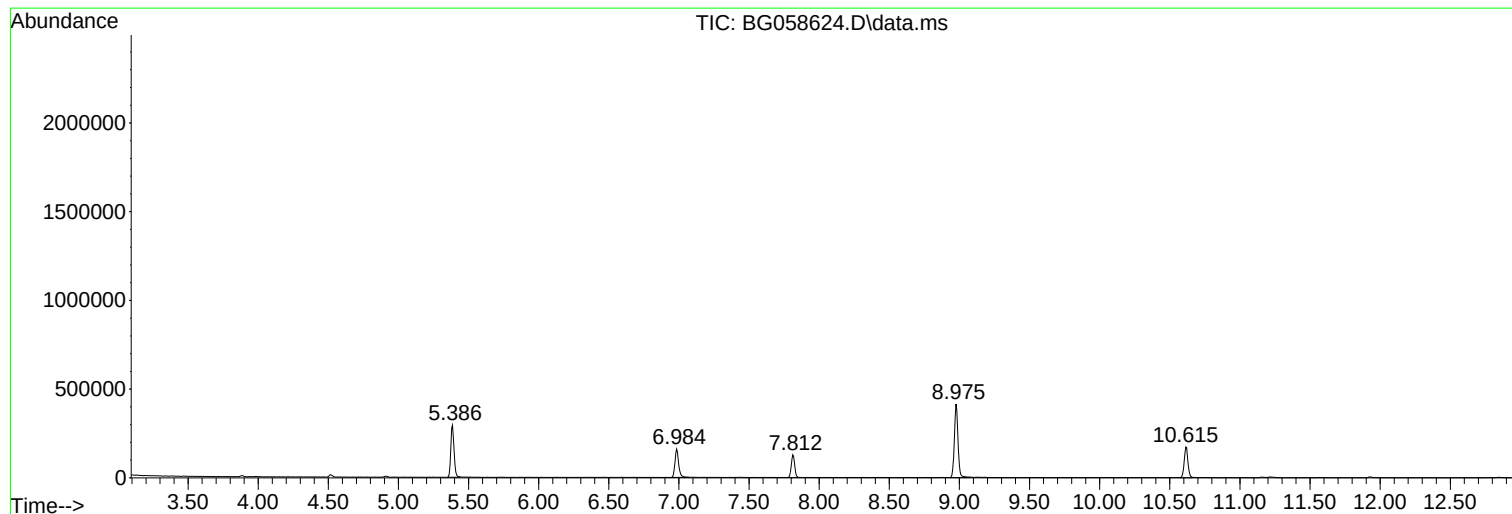
Sum of corrected areas: 13664577

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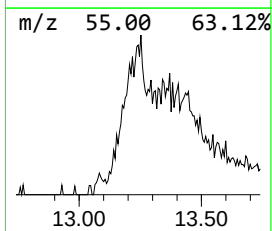
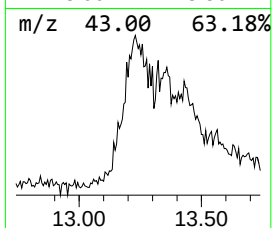
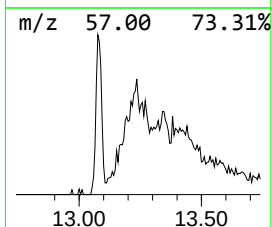
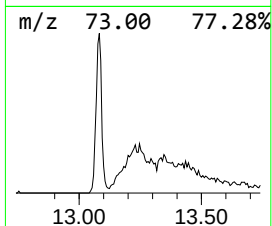
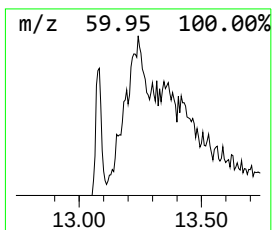
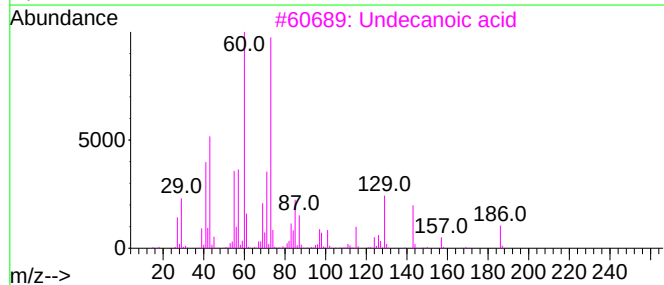
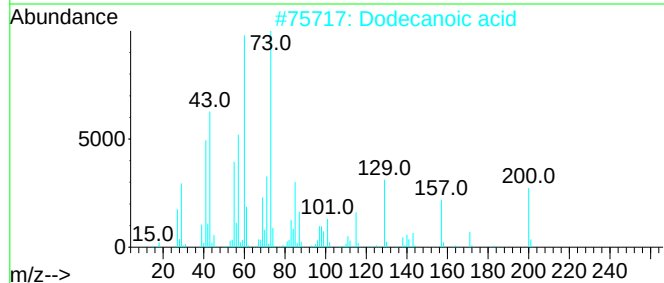
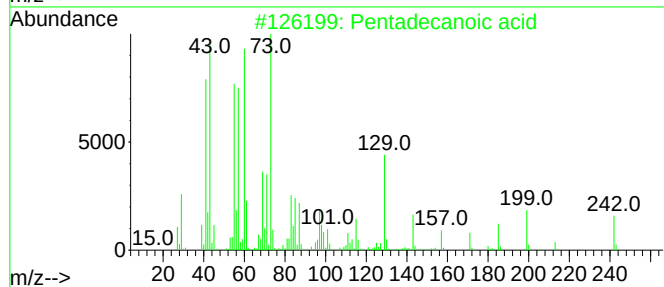
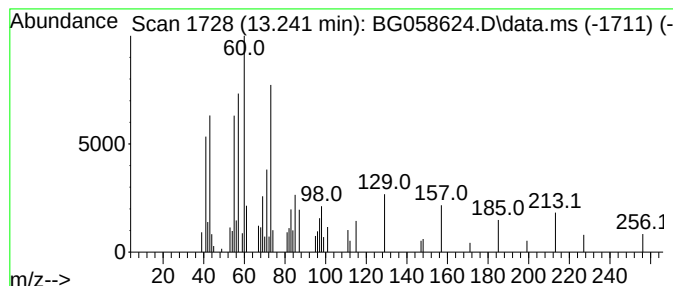
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.241	8.10 ng	206008	Acenaphthene-d10	14.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
2			Dodecanoic acid	200	C12H24O2	000143-07-7	64
3			Undecanoic acid	186	C11H22O2	000112-37-8	59
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
5			3-(Methylthio)hexyl butanoate	218	C11H22O2S	136954-23-9	14



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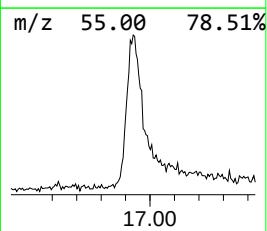
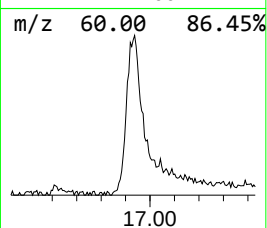
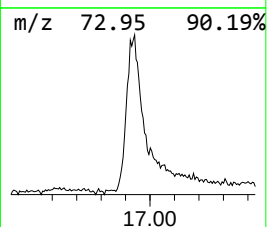
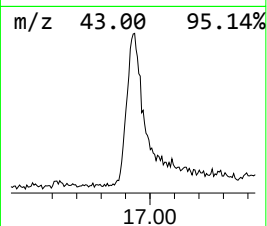
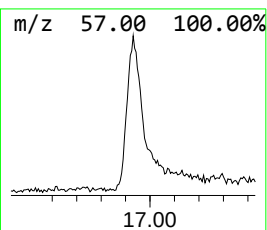
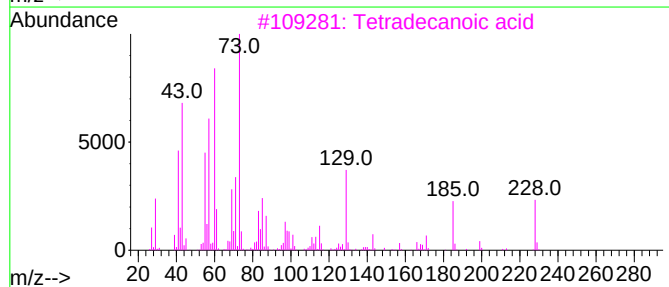
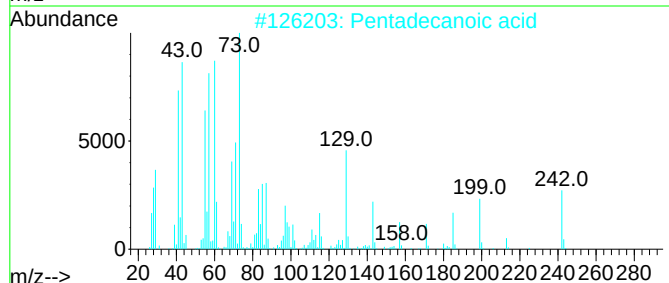
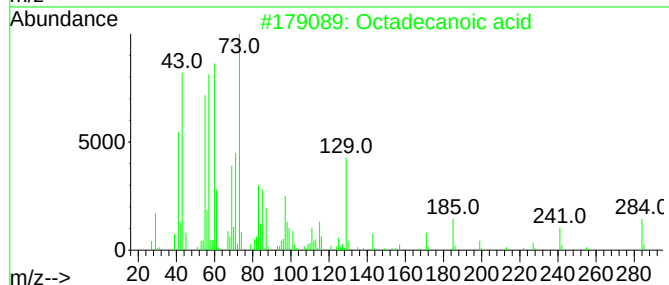
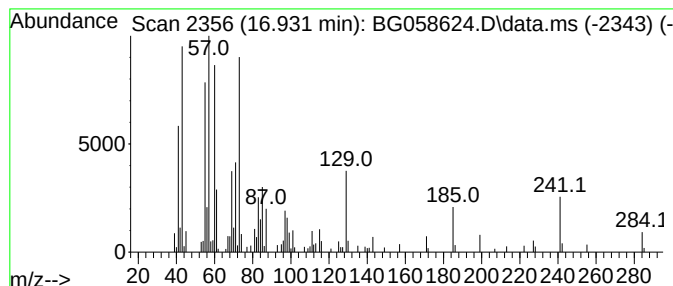
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.931	16.25 ng	603211	Phenanthrene-d10	17.207

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	91
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78



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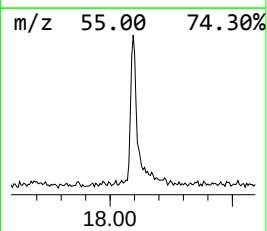
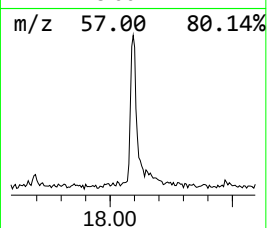
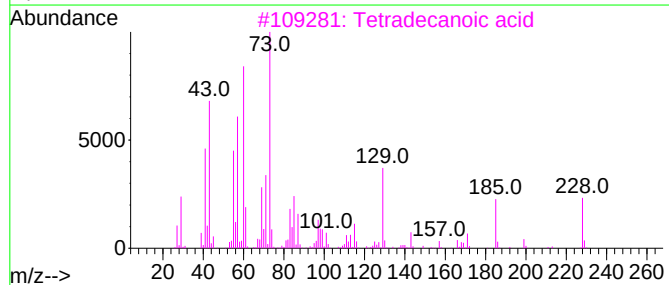
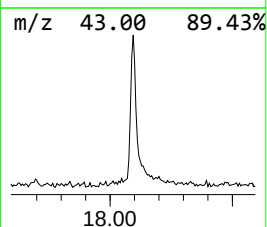
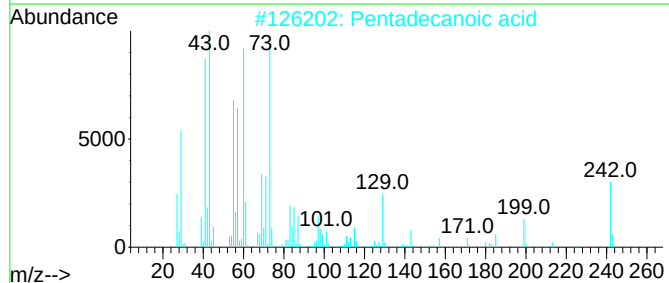
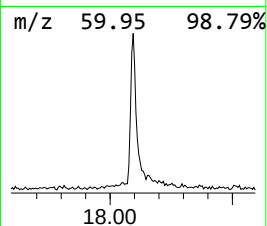
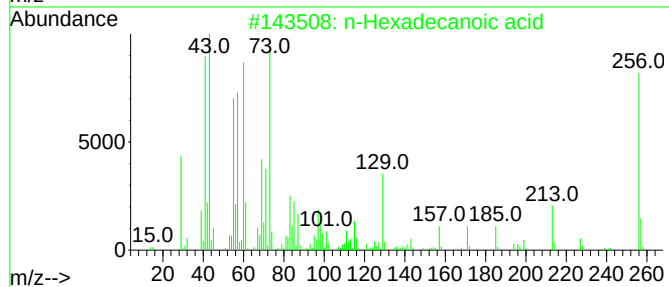
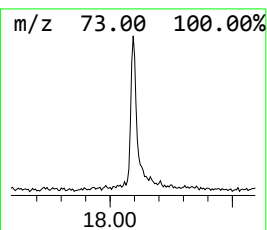
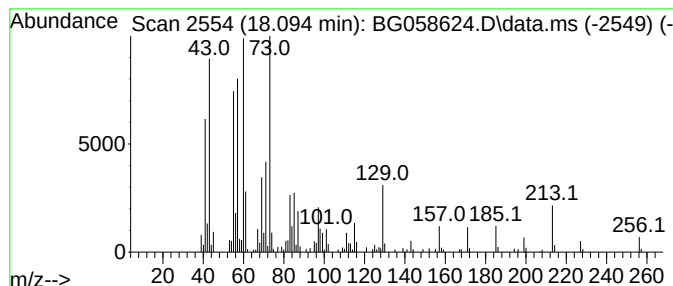
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.094	6.93 ng	257311	Phenanthrene-d10	17.207

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78
5			Tridecanoic acid	214	C13H26O2	000638-53-9	70



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ALS Vial : 8 Sample Multiplier: 1

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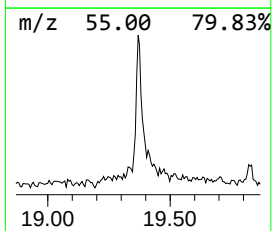
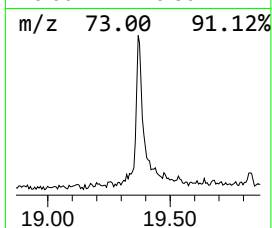
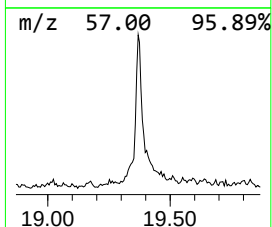
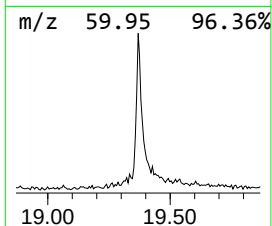
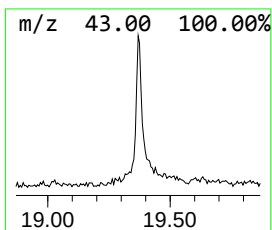
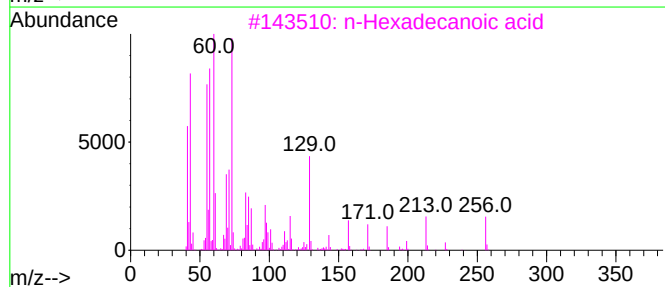
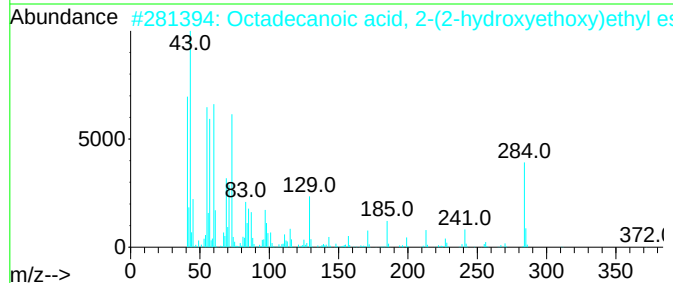
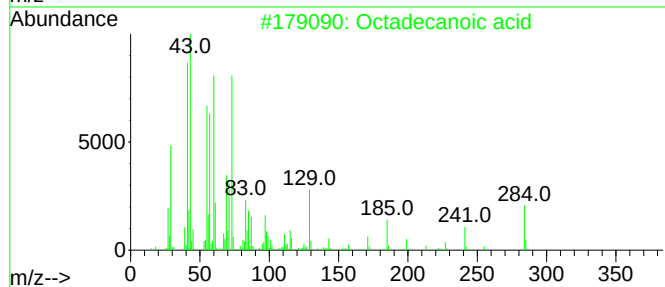
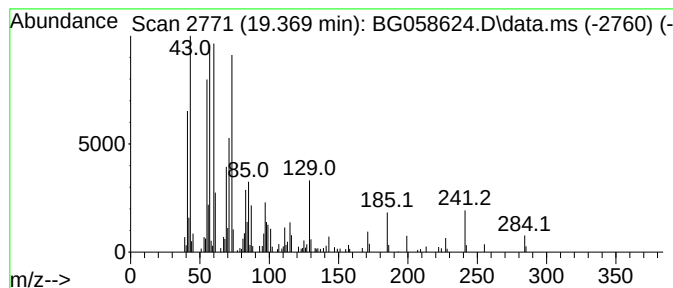
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid, 2-(2-hyd... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.369	6.60 ng	275165	Chrysene-d12	21.449

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	58



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentadecanoic acid	13.241	8.1	ng	206008	3	14.463	508387	20.0
Octadecanoic acid	16.931	16.3	ng	603211	4	17.207	742617	20.0
n-Hexadecanoic ...	18.094	6.9	ng	257311	4	17.207	742617	20.0
Octadecanoic ac...	19.369	6.6	ng	275165	5	21.449	833790	20.0