

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
 Data File : BG058894.D
 Acq On : 29 Aug 2023 19:29
 Operator : MA/JU
 Sample : 04183-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-02-082523

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-BG081823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058894.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.368	381	388	401	rBV	222928	370553	68.67%	7.351%
2	6.966	653	660	672	rBV	228608	399186	73.98%	7.919%
3	7.789	793	800	809	rBV	81193	134742	24.97%	2.673%
4	8.952	990	998	1011	rBV	132904	247014	45.78%	4.900%
5	10.592	1270	1277	1285	rBV	109393	193293	35.82%	3.835%
6	13.059	1690	1697	1708	rBV	322500	496489	92.01%	9.850%
7	13.330	1738	1743	1748	rBV3	3986	6138	1.14%	0.122%
8	14.440	1922	1932	1941	rVB	162607	257046	47.64%	5.099%
9	15.280	2070	2075	2080	rVB4	5411	7867	1.46%	0.156%
10	15.686	2136	2144	2147	rBV5	4579	8092	1.50%	0.161%
11	15.932	2180	2186	2200	rBV	271669	434835	80.59%	8.627%
12	16.144	2218	2222	2225	rBV2	10229	17030	3.16%	0.338%
13	16.937	2352	2357	2361	rBV	14794	20410	3.78%	0.405%
14	16.984	2361	2365	2370	rVB2	7931	11156	2.07%	0.221%
15	17.190	2394	2400	2404	rBV	196691	294189	54.52%	5.836%
16	17.231	2404	2407	2413	rVB	24681	36080	6.69%	0.716%
17	17.325	2418	2423	2426	rVV4	5090	7629	1.41%	0.151%
18	17.595	2466	2469	2474	rVB6	5443	9349	1.73%	0.185%
19	17.672	2478	2482	2487	rVB2	15372	21744	4.03%	0.431%
20	17.848	2507	2512	2517	rVB	43911	57756	10.70%	1.146%
21	18.077	2545	2551	2555	rBV4	67568	99335	18.41%	1.971%
22	18.259	2578	2582	2585	rBV6	7044	10848	2.01%	0.215%
23	18.365	2596	2600	2607	rBV2	16776	25955	4.81%	0.515%
24	18.465	2614	2617	2620	rBV5	4315	6459	1.20%	0.128%
25	18.618	2640	2643	2649	rVB7	10608	14796	2.74%	0.294%
26	18.988	2702	2706	2709	rBV2	376387	480947	89.13%	9.541%
27	19.023	2709	2712	2722	rVB2	246877	332119	61.55%	6.589%
28	19.152	2731	2734	2739	rBV	53270	62210	11.53%	1.234%
29	19.211	2741	2744	2746	rVV3	21711	23556	4.37%	0.467%
30	19.246	2746	2750	2756	rVB	48443	82263	15.25%	1.632%
31	19.575	2803	2806	2809	rBV3	27790	38380	7.11%	0.761%
32	19.610	2809	2812	2818	rVB	44664	67246	12.46%	1.334%
33	19.810	2841	2846	2851	rVB	430374	539584	100.00%	10.705%
34	21.432	3117	3122	3128	rBV	145851	226387	41.96%	4.491%

Sum of corrected areas: 5040683

Instrument :

BNA_G

ClientSampleId :

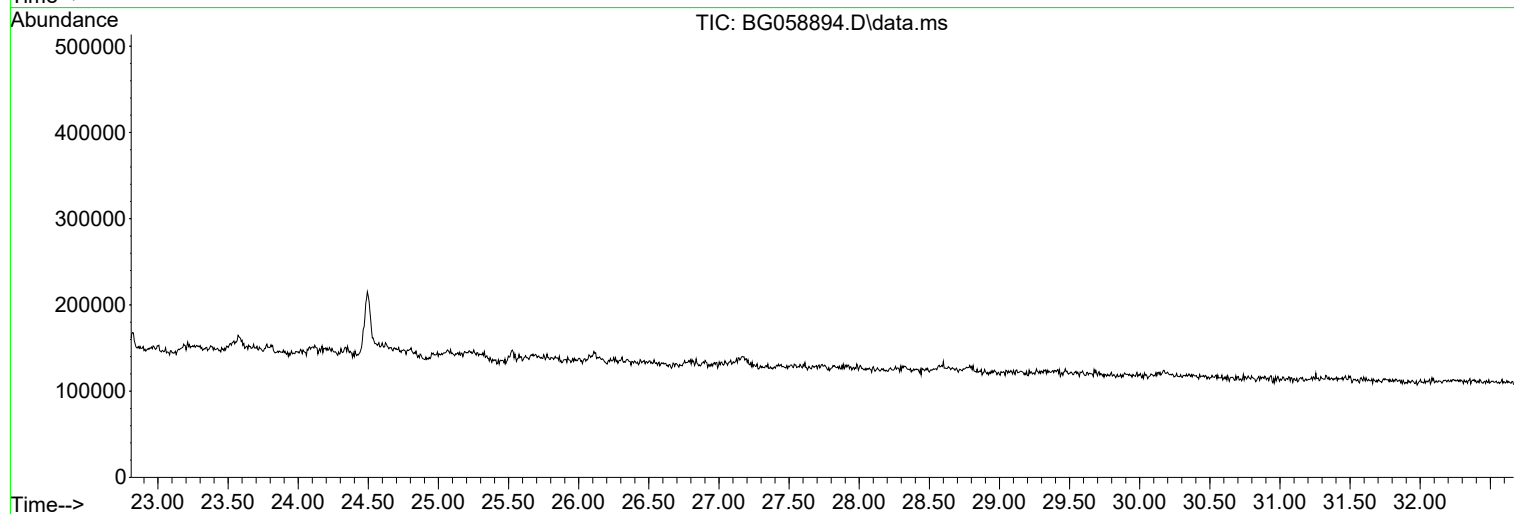
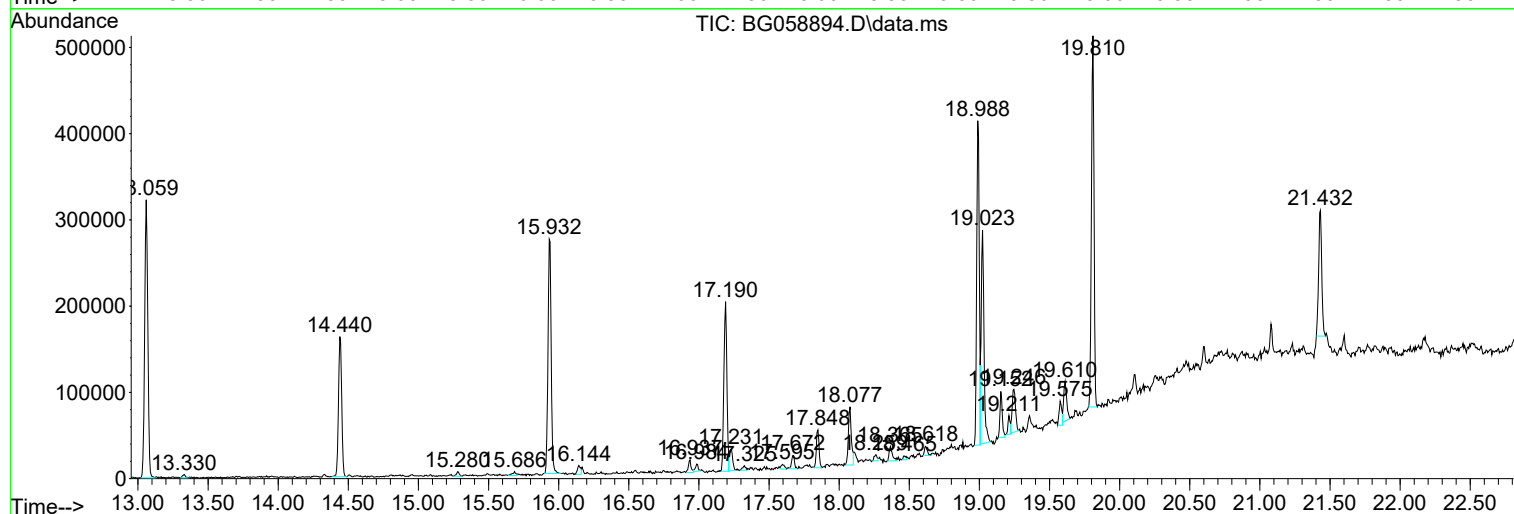
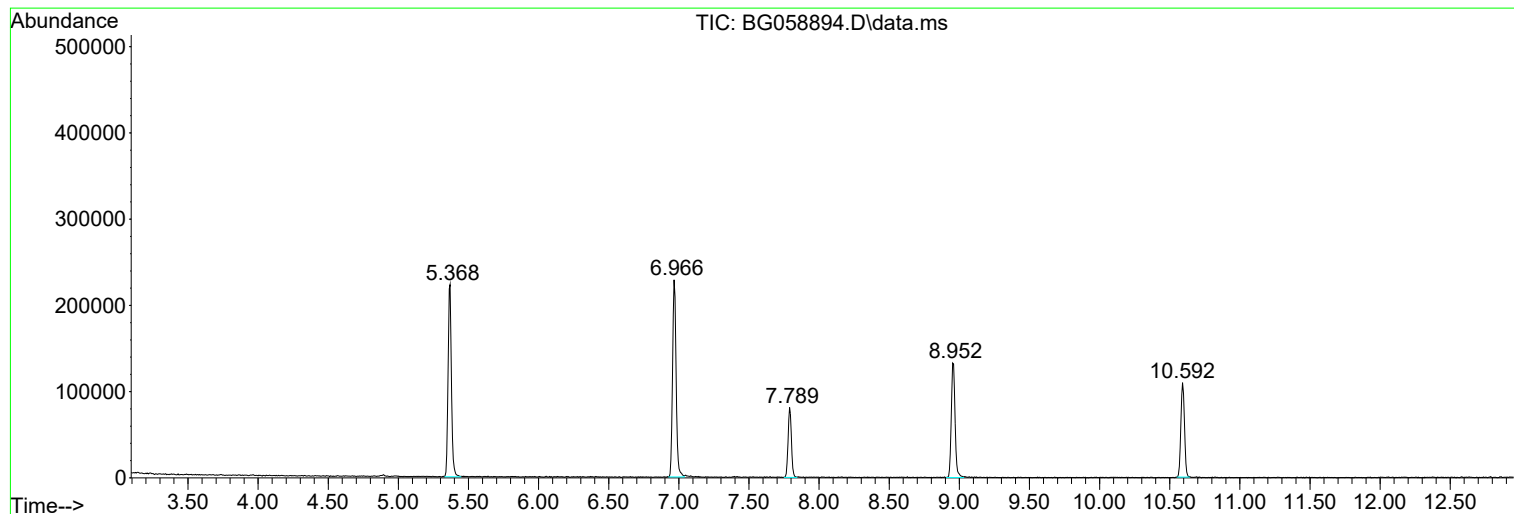
HR-02-082523

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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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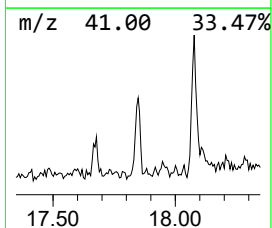
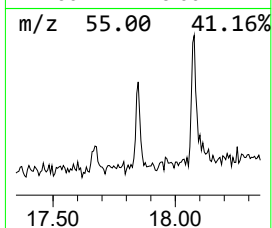
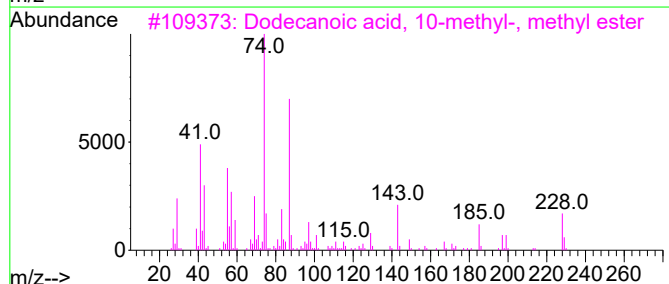
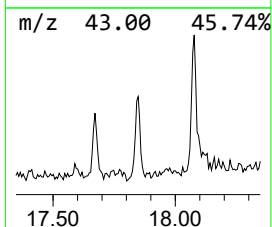
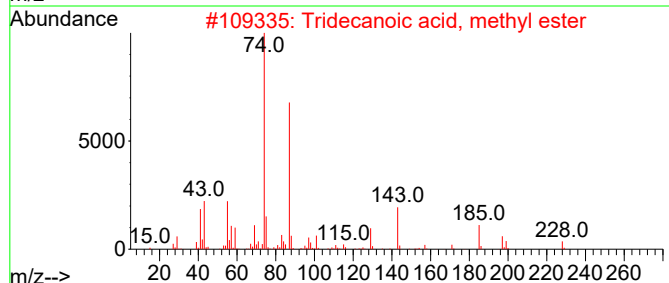
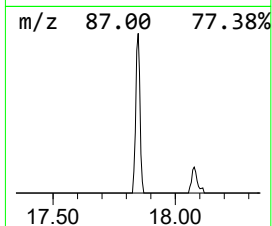
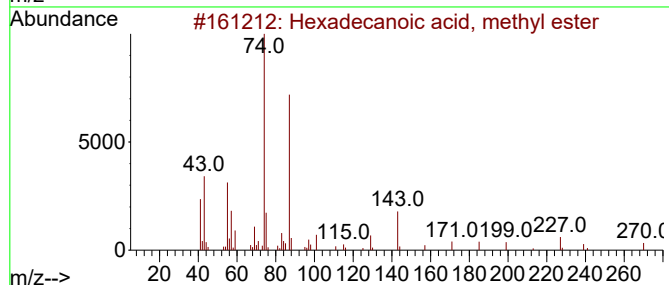
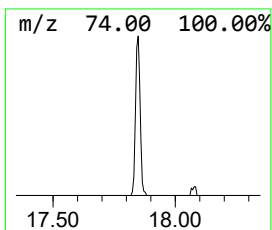
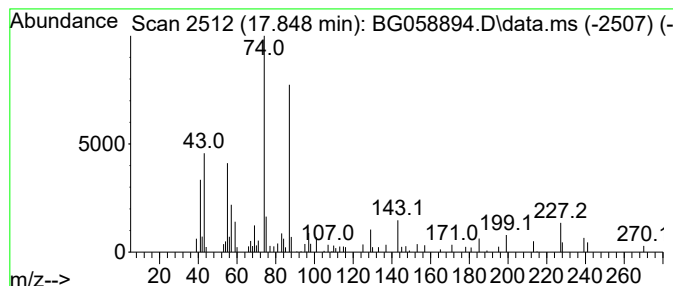
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.848	3.93 ng	57756	Phenanthrene-d10	17.190

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3			Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	87
4			Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80
5			Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80



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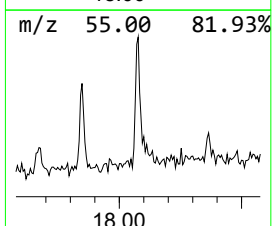
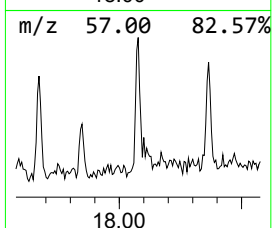
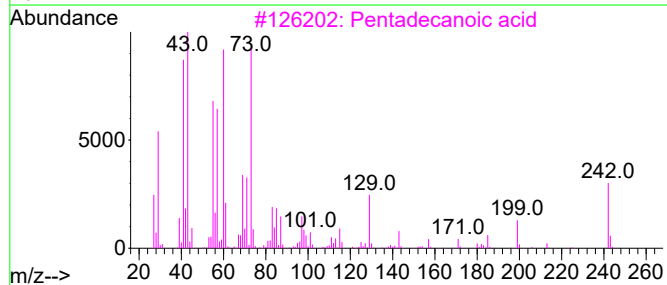
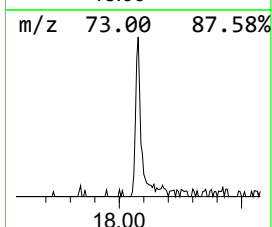
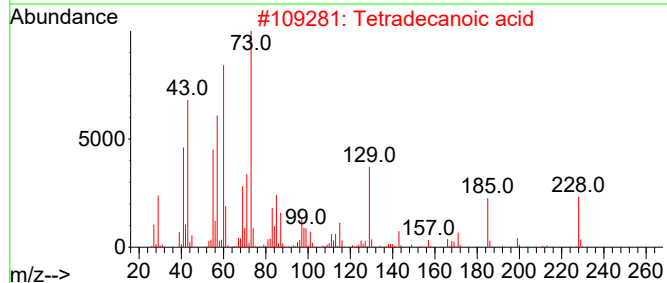
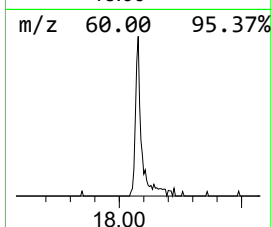
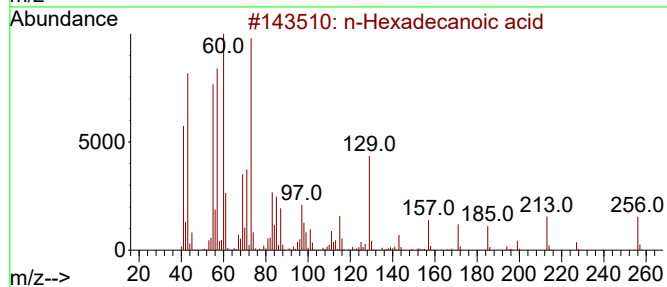
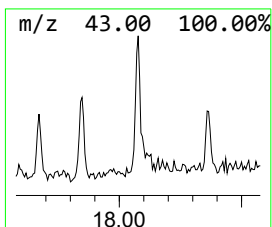
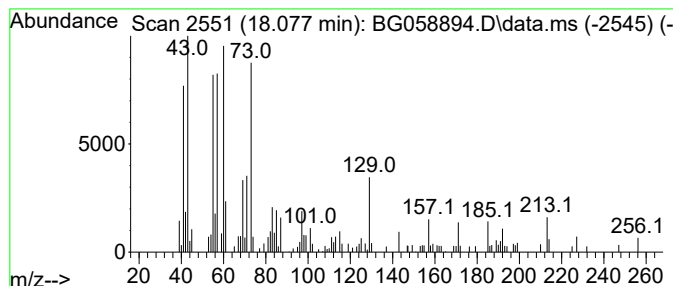
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.077	6.75 ng	99335	Phenanthrene-d10	17.190

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4			n-Decanoic acid	172	C10H20O2	000334-48-5	64
5			Nonanoic acid	158	C9H18O2	000112-05-0	64



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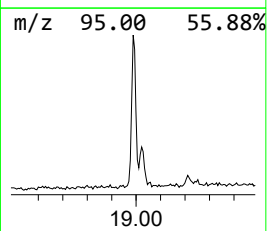
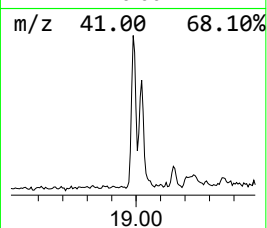
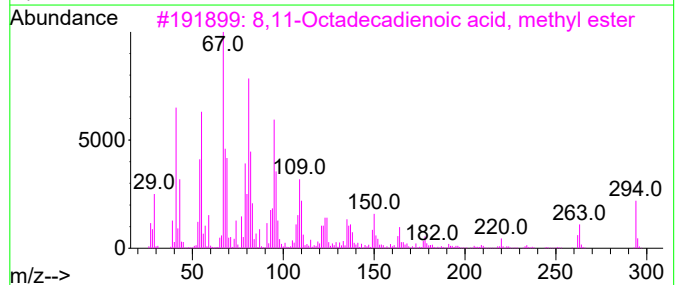
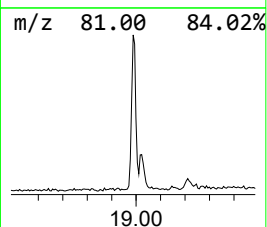
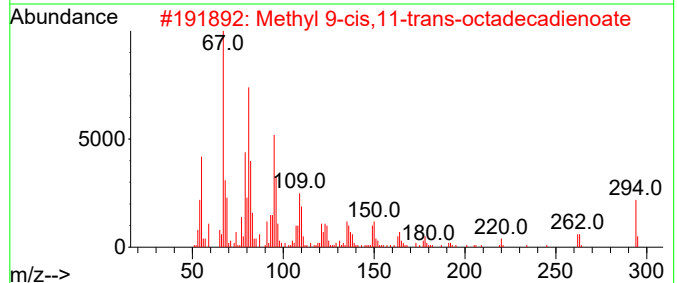
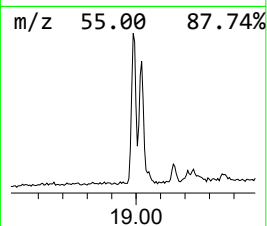
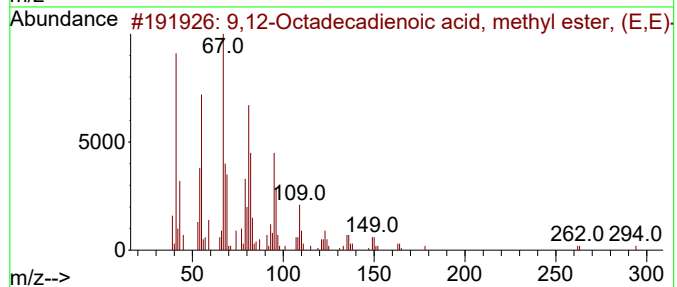
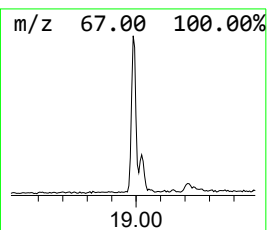
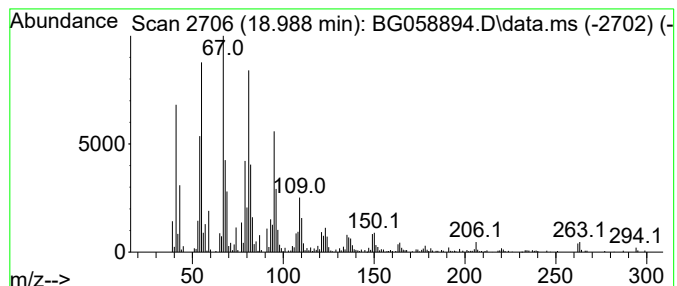
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.988	32.70 ng	480947	Phenanthrene-d10	17.190	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	98
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	97
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	97
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	94



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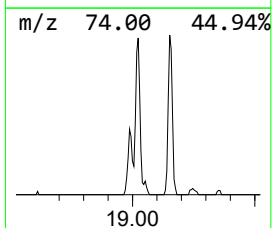
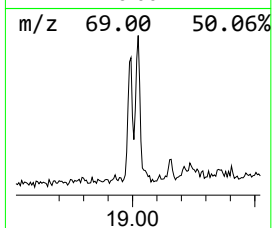
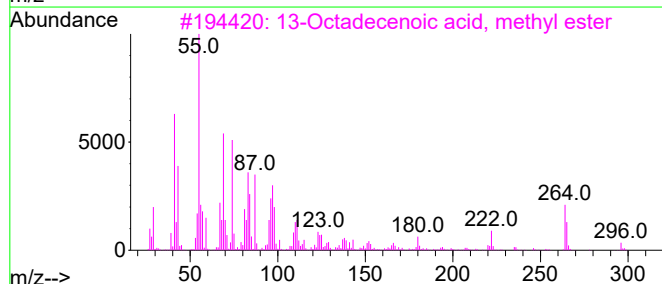
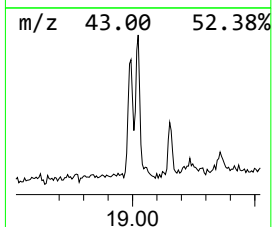
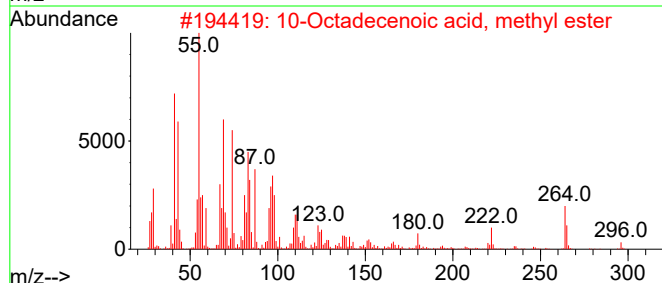
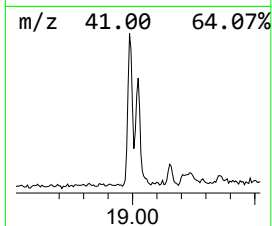
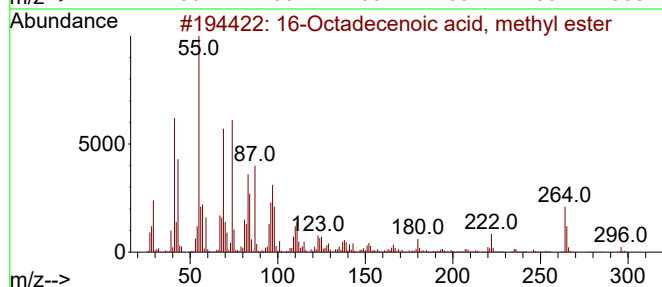
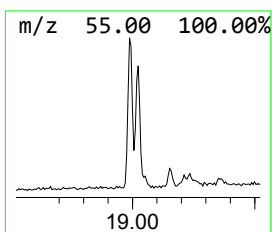
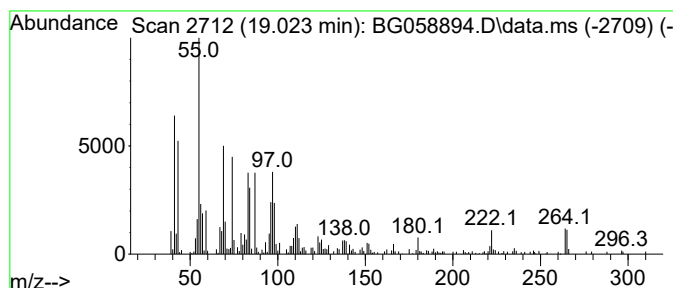
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 16-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.023	22.58 ng	332119	Phenanthrene-d10	17.190	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	94
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	91
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	91



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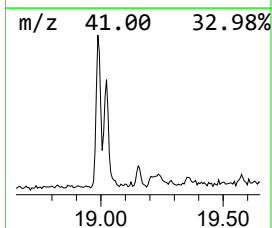
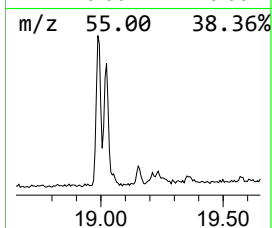
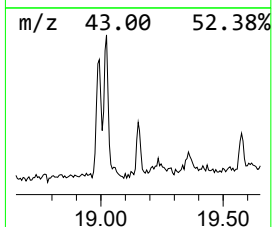
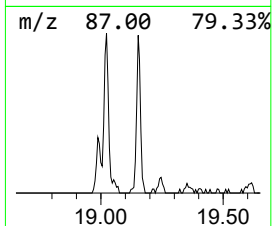
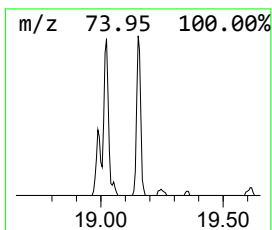
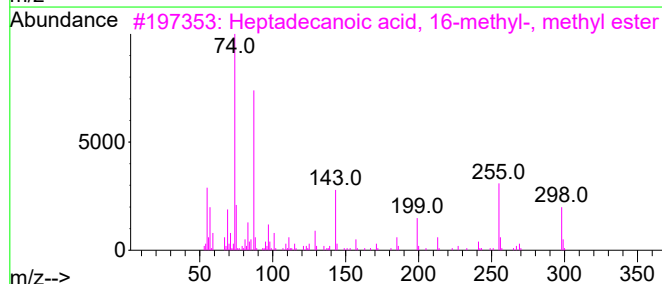
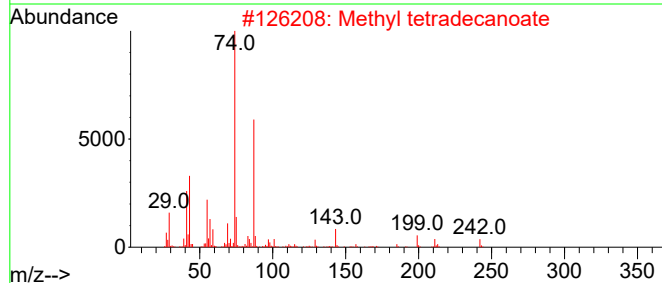
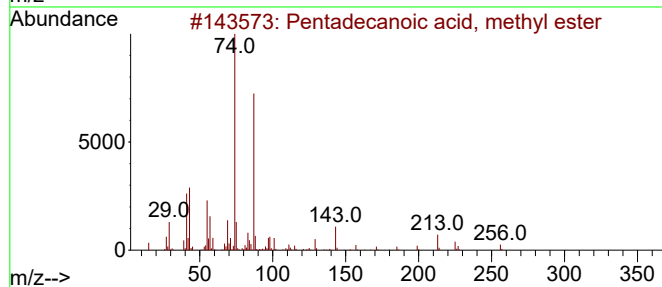
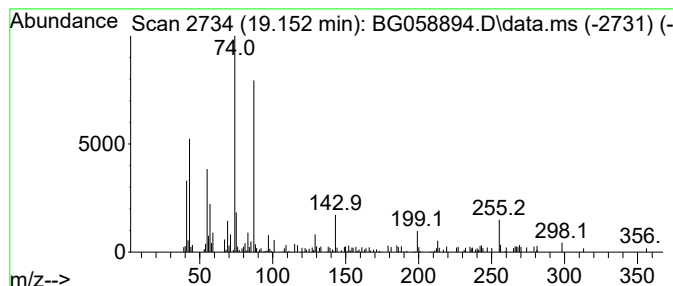
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Pentadecanoic acid, methyl ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.152	4.23 ng	62210	Phenanthrene-d10	17.190

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
2			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
3			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	76
4			Methyl stearate	298	C19H38O2	000112-61-8	76
5			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	74



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic ac...	17.848	3.9	ng	57756	4	17.190	294189	20.0
n-Hexadecanoic ...	18.077	6.8	ng	99335	4	17.190	294189	20.0
9,12-Octadecadi...	18.988	32.7	ng	480947	4	17.190	294189	20.0
16-Octadecenoic...	19.023	22.6	ng	332119	4	17.190	294189	20.0
Pentadecanoic a...	19.152	4.2	ng	62210	4	17.190	294189	20.0