

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
 Data File : BG056180.D
 Acq On : 30 Dec 2022 21:21
 Operator : CG/JU
 Sample : N6241-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-2-122922

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-BG122722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056180.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.855	430	437	446	rBV	104892	176657	2.14%	0.841%
2	7.465	704	711	721	rVB	112231	195351	2.37%	0.930%
3	8.340	853	860	867	rBV	169597	290619	3.52%	1.383%
4	9.510	1052	1059	1070	rBB	62719	115334	1.40%	0.549%
5	11.167	1334	1341	1349	rBV	222076	403091	4.89%	1.918%
6	13.570	1743	1750	1761	rBV	240835	382802	4.64%	1.822%
7	14.944	1974	1984	1991	rBV	414994	655079	7.94%	3.117%
8	16.419	2229	2235	2245	rVB	179345	273928	3.32%	1.303%
9	17.682	2443	2450	2455	rBV	549020	883366	10.71%	4.204%
10	18.311	2551	2557	2563	rVB	1345375	1680890	20.37%	7.999%
11	18.528	2588	2594	2602	rBV3	60000	116706	1.41%	0.555%
12	19.439	2742	2749	2752	rBV	6326691	8251308	100.00%	39.264%
13	19.469	2752	2754	2763	rVB2	3380983	4004376	48.53%	19.055%
14	19.592	2770	2775	2779	rBV	640383	745268	9.03%	3.546%
15	19.709	2791	2795	2800	rVB	139585	206361	2.50%	0.982%
16	20.074	2853	2857	2861	rVB	117765	169616	2.06%	0.807%
17	20.256	2883	2888	2893	rVB	482140	607980	7.37%	2.893%
18	21.977	3173	3181	3187	rBV	531305	1018472	12.34%	4.846%
19	25.438	3762	3770	3780	rVB3	291211	837670	10.15%	3.986%

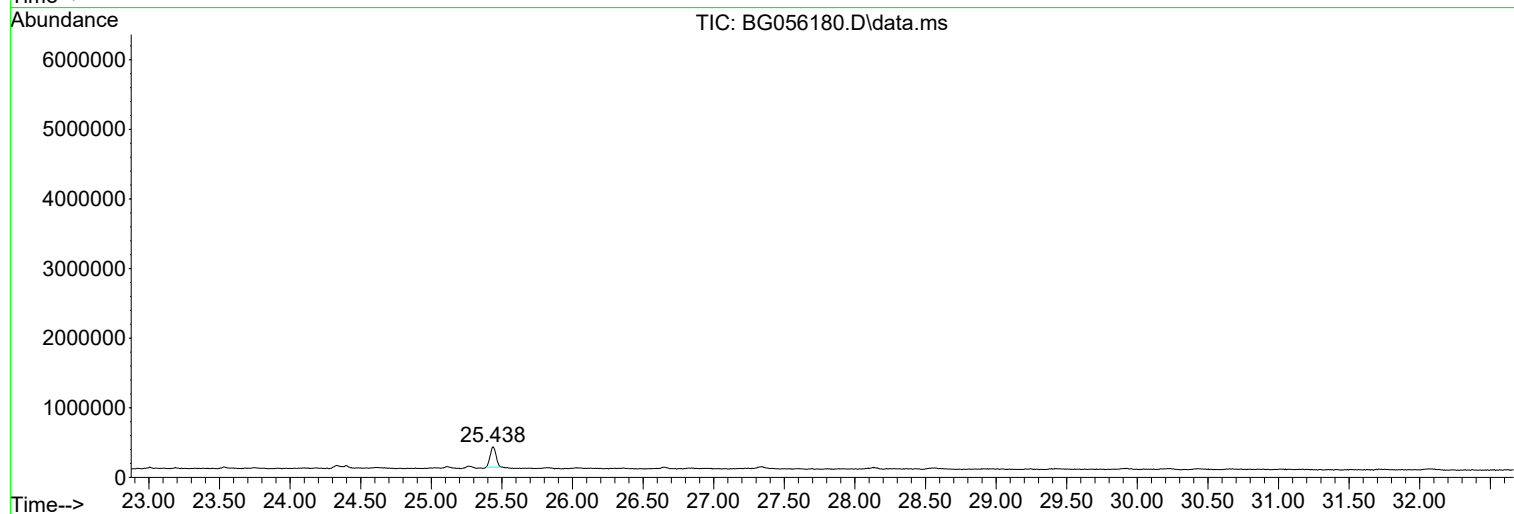
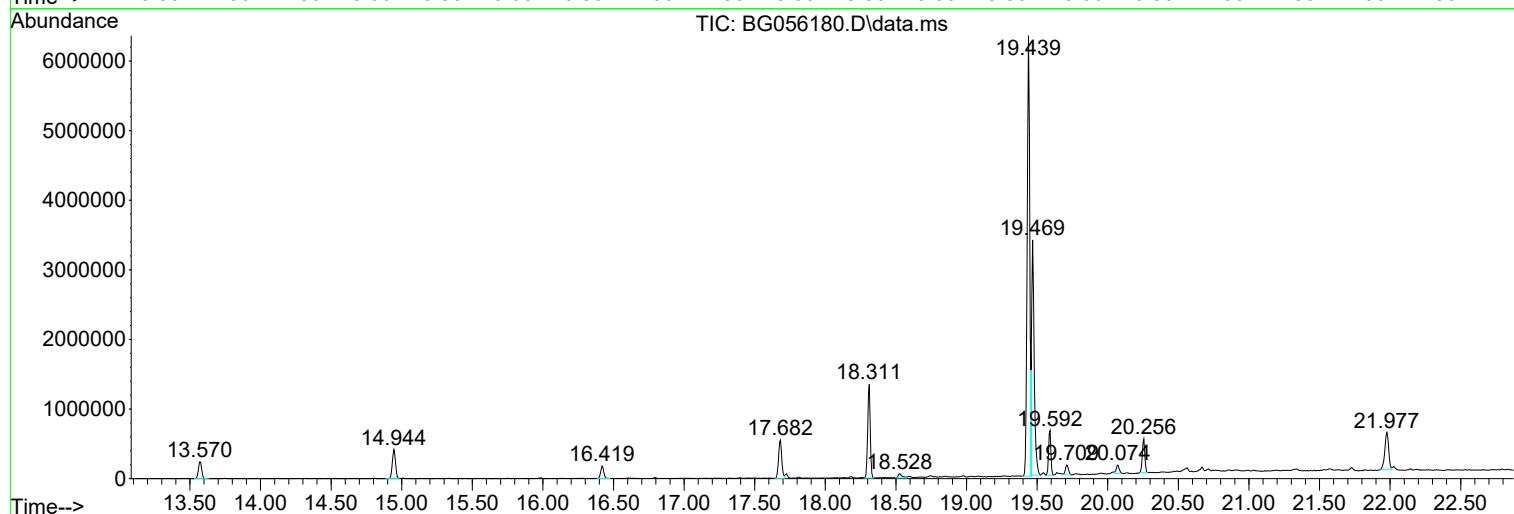
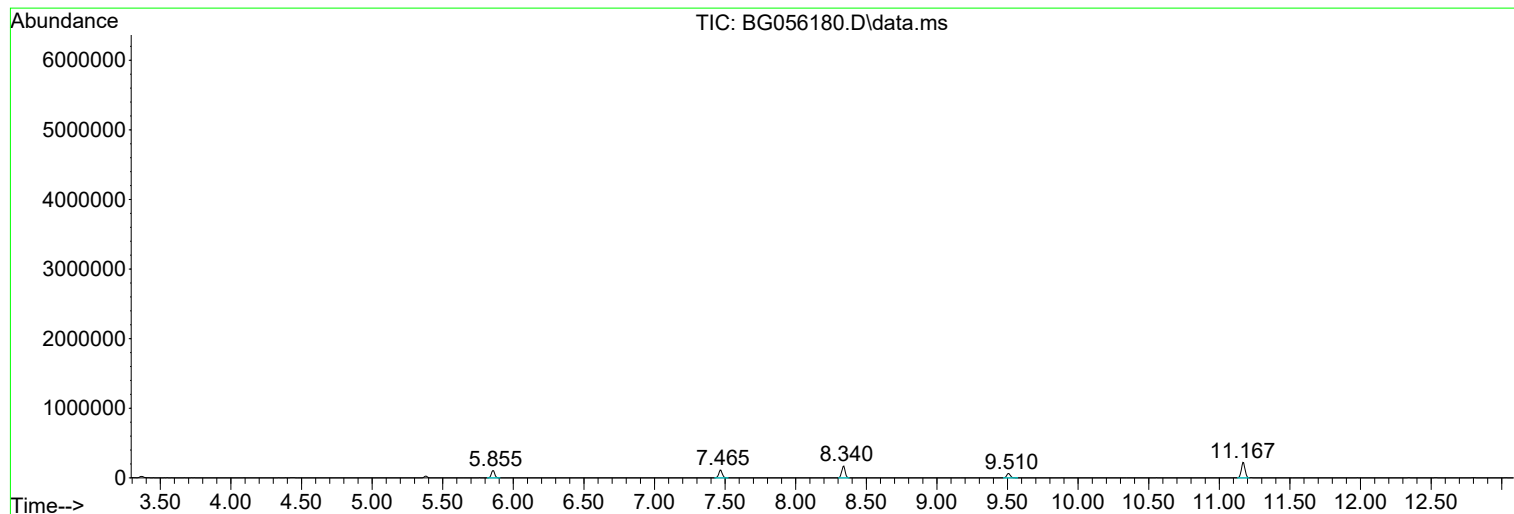
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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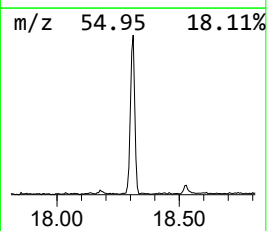
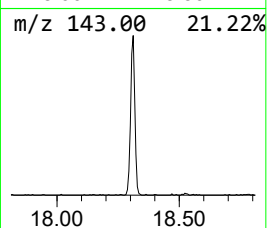
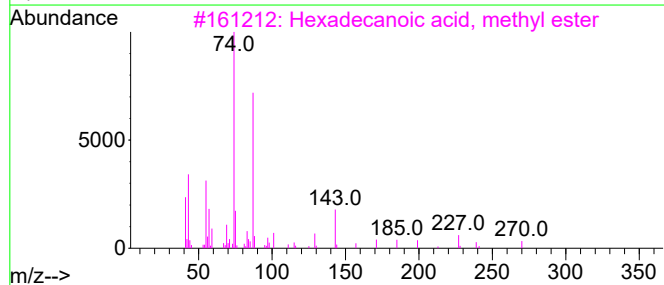
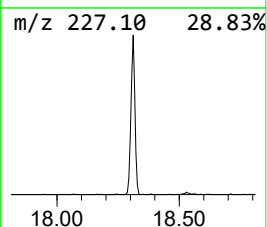
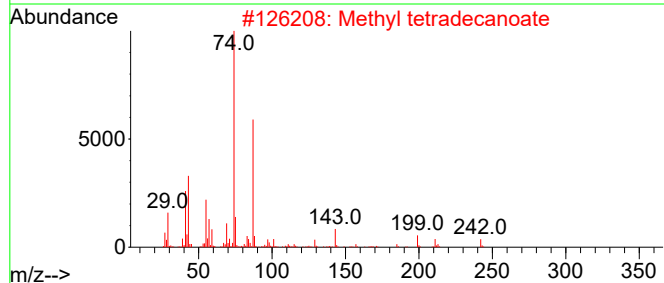
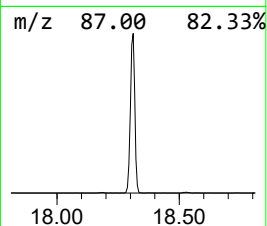
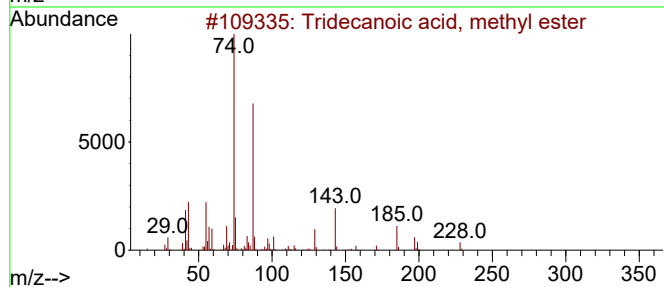
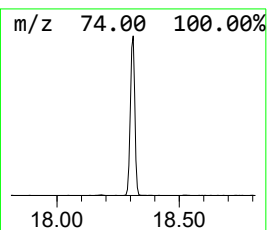
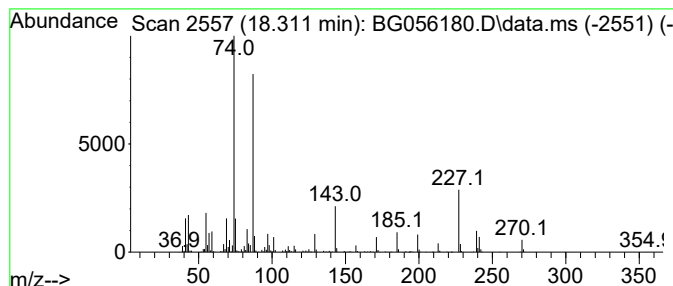
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.311	38.06 ng	1680890	Phenanthrene-d10	17.682

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
2			Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
3			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	76
5			Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	74



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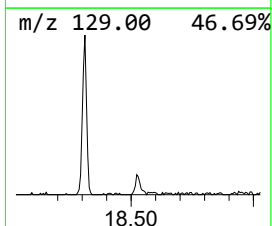
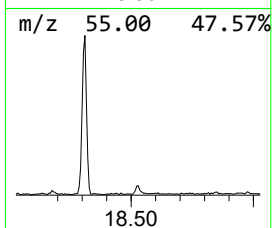
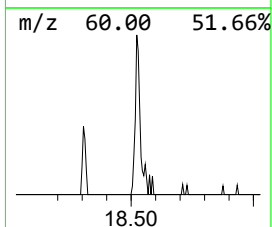
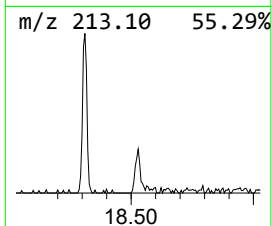
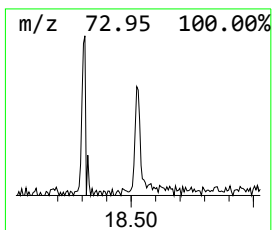
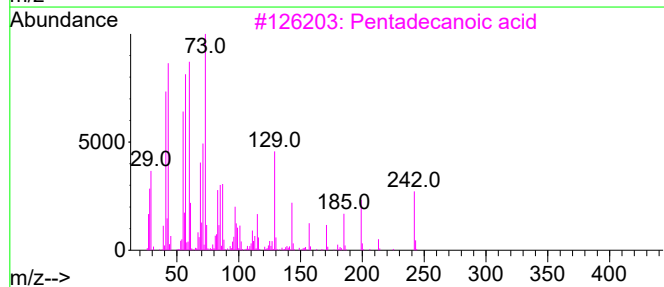
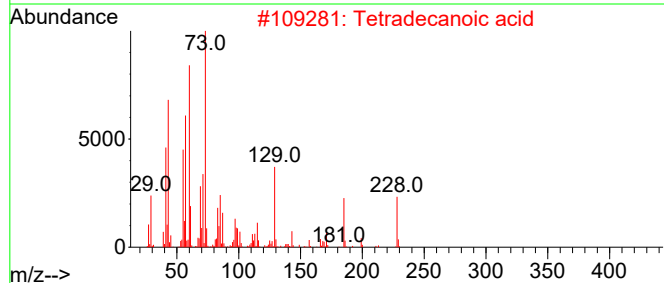
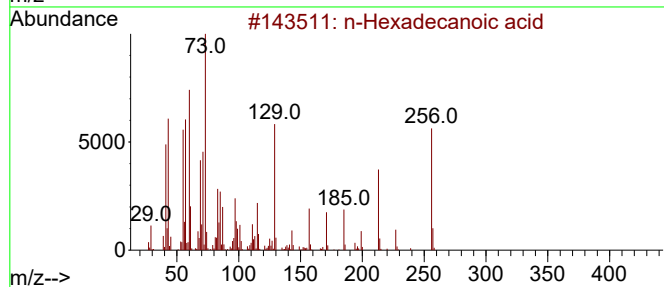
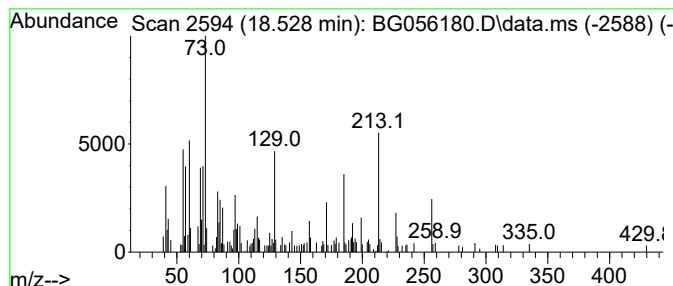
Instrument :
BNA_G
ClientSampleId :
SU-2-122922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.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 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.529	2.64 ng	116706	Phenanthrene-d10		17.682	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	86
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	78
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	70
4	Tridecanoic acid		214	C13H26O2	000638-53-9	64
5	n-Decanoic acid		172	C10H20O2	000334-48-5	25



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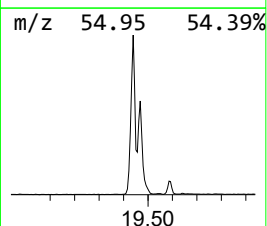
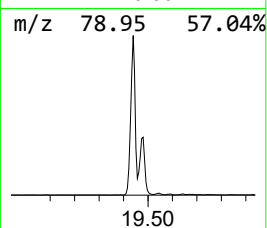
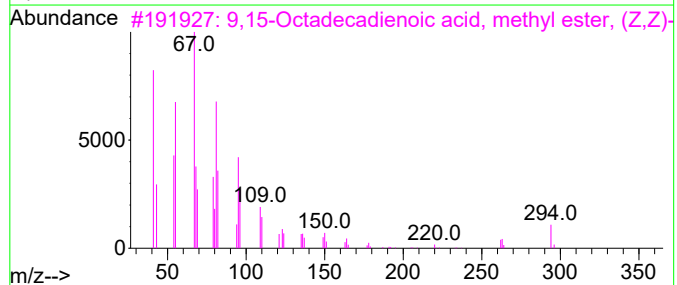
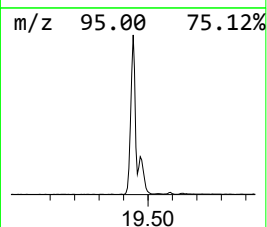
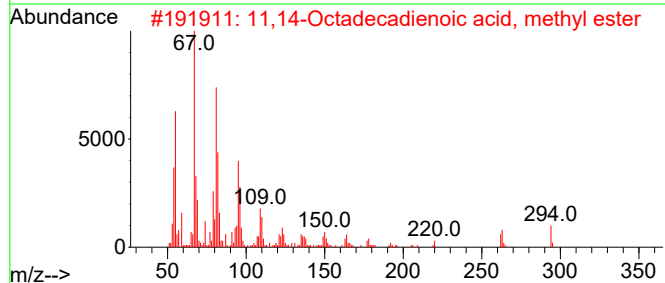
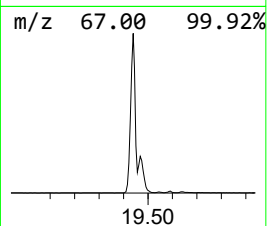
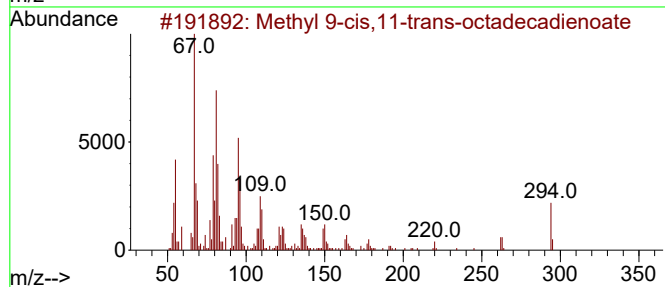
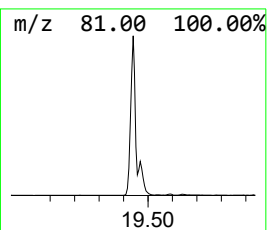
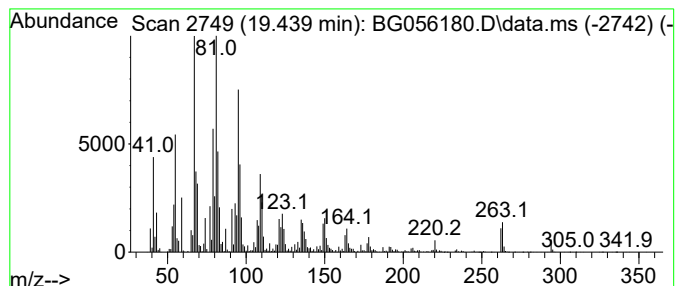
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Methyl 9-cis,11-trans-octad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.439	186.82 ng	8251310	Phenanthrene-d10	17.682	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	97
2	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	95
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	94
5	12,15-Octadecadienoic acid, meth...	294	C19H34O2	057156-97-5	92



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Instrument :
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ClientSampleId :
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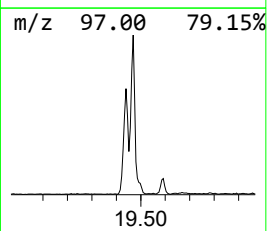
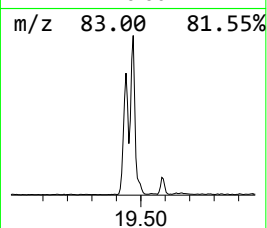
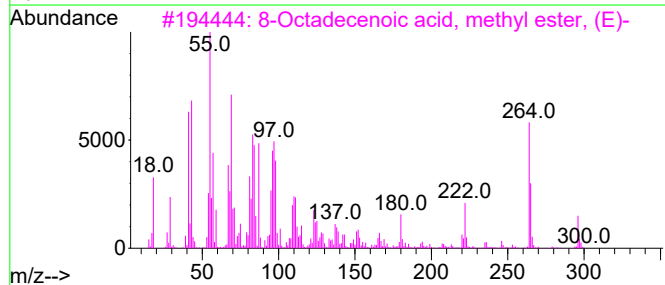
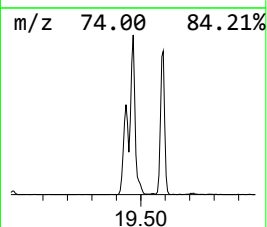
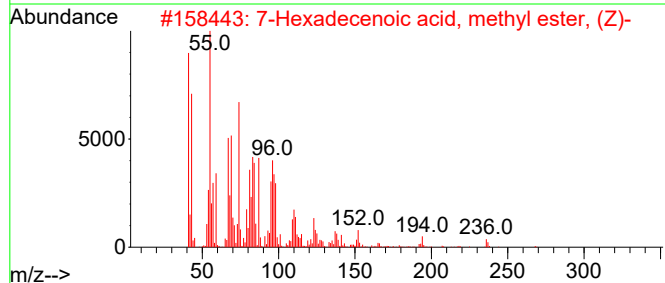
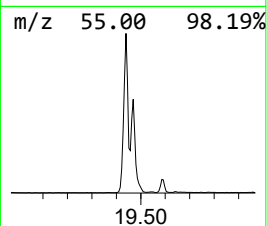
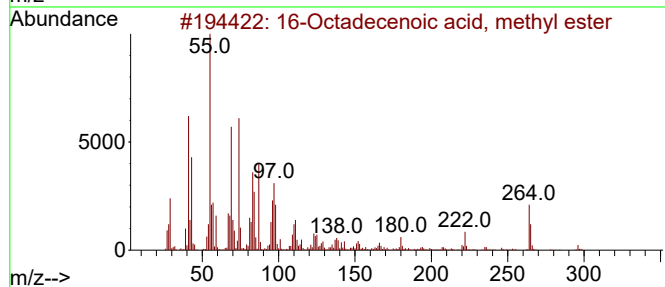
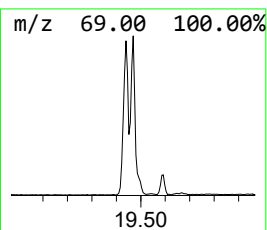
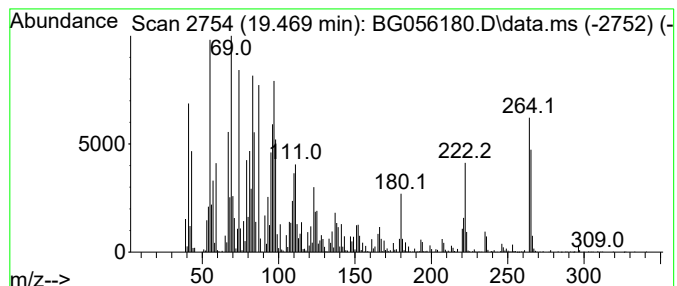
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.469	90.66 ng	4004380	Phenanthrene-d10	17.682

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
2			7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	91
3			8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	91
4			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	91
5			9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91



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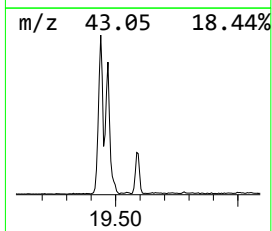
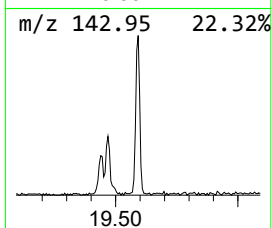
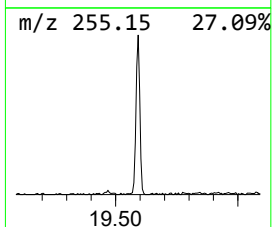
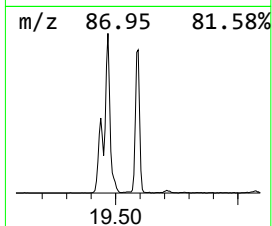
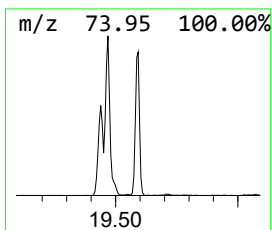
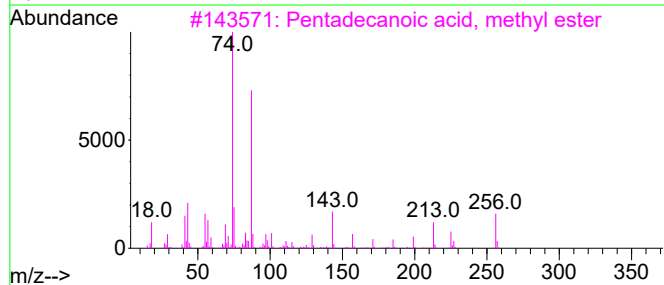
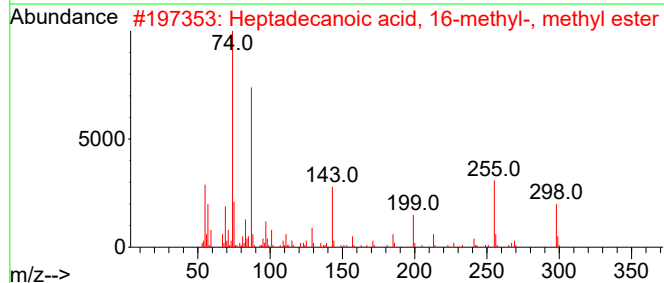
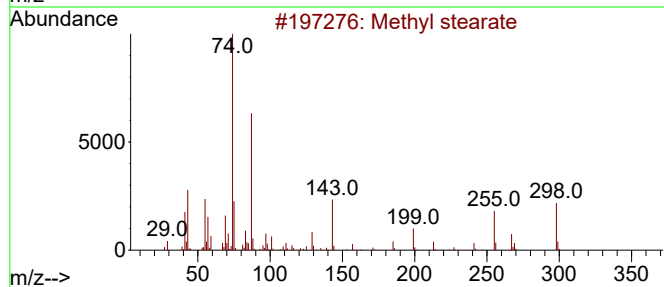
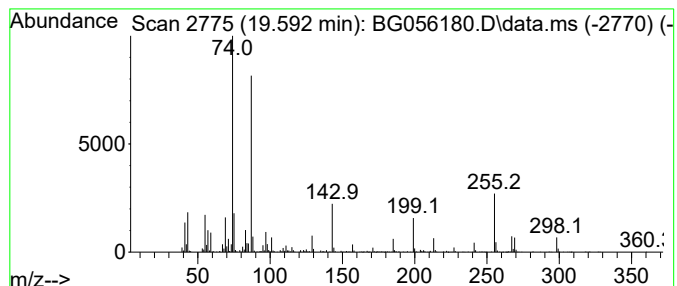
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.592	16.87 ng	745268	Phenanthrene-d10	17.682

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	96
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87
3			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	81
4			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80
5			Methyl 13-methyltetradecanoate	256	C16H32O2	1000424-50-7	80



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic aci...	18.311	38.1	ng	1680890	4	17.682	883366	20.0
n-Hexadecanoic ...	18.529	2.6	ng	116706	4	17.682	883366	20.0
Methyl 9-cis,11...	19.439	186.8	ng	8251310	4	17.682	883366	20.0
16-Octadecenoic...	19.469	90.7	ng	4004380	4	17.682	883366	20.0
Methyl stearate	19.592	16.9	ng	745268	4	17.682	883366	20.0