

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
 Data File : BG060484.D
 Acq On : 30 Jan 2024 15:14
 Operator : MA/JU
 Sample : P1270-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SOIL-20240126

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-BG010824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060484.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.494	403	409	417	rBV	1935392	3100990	8.76%	2.655%
2	7.086	670	680	695	rBV	1969963	3363961	9.50%	2.881%
3	7.920	815	822	832	rBV	461157	805574	2.28%	0.690%
4	9.084	1013	1020	1037	rBV	1188053	2170225	6.13%	1.858%
5	10.723	1289	1299	1306	rBV	629855	1160463	3.28%	0.994%
6	13.179	1708	1717	1734	rBV	3863355	6034774	17.05%	5.168%
7	14.560	1945	1952	1958	rBV	1188040	1855605	5.24%	1.589%
8	16.046	2198	2205	2218	rBV	3494330	5484270	15.49%	4.696%
9	16.451	2269	2274	2280	rVB	355472	450415	1.27%	0.386%
10	17.309	2413	2420	2425	rBV	1717093	2756519	7.79%	2.360%
11	17.838	2506	2510	2517	rVB	646977	823847	2.33%	0.705%
12	17.973	2527	2533	2538	rBV	10151584	12755800	36.04%	10.923%
13	18.197	2566	2571	2581	rBV2	453057	819828	2.32%	0.702%
14	19.113	2722	2727	2730	rBV	8674593	12840440	36.27%	10.995%
15	19.154	2730	2734	2750	rVV	21020868	35398294	100.00%	30.312%
16	19.278	2750	2755	2759	rVV	5889389	7393130	20.89%	6.331%
17	19.730	2828	2832	2837	rVB	311411	465129	1.31%	0.398%
18	19.930	2860	2866	2873	rBV	7897069	10479724	29.61%	8.974%
19	20.259	2918	2922	2930	rVB2	492665	755019	2.13%	0.647%
20	20.365	2937	2940	2946	rVB	469404	528114	1.49%	0.452%
21	21.211	3080	3084	3095	rVB2	395257	625261	1.77%	0.535%
22	21.569	3138	3145	3151	rBV2	2013203	3376704	9.54%	2.891%
23	24.730	3674	3683	3694	rVB	1209471	3336996	9.43%	2.857%

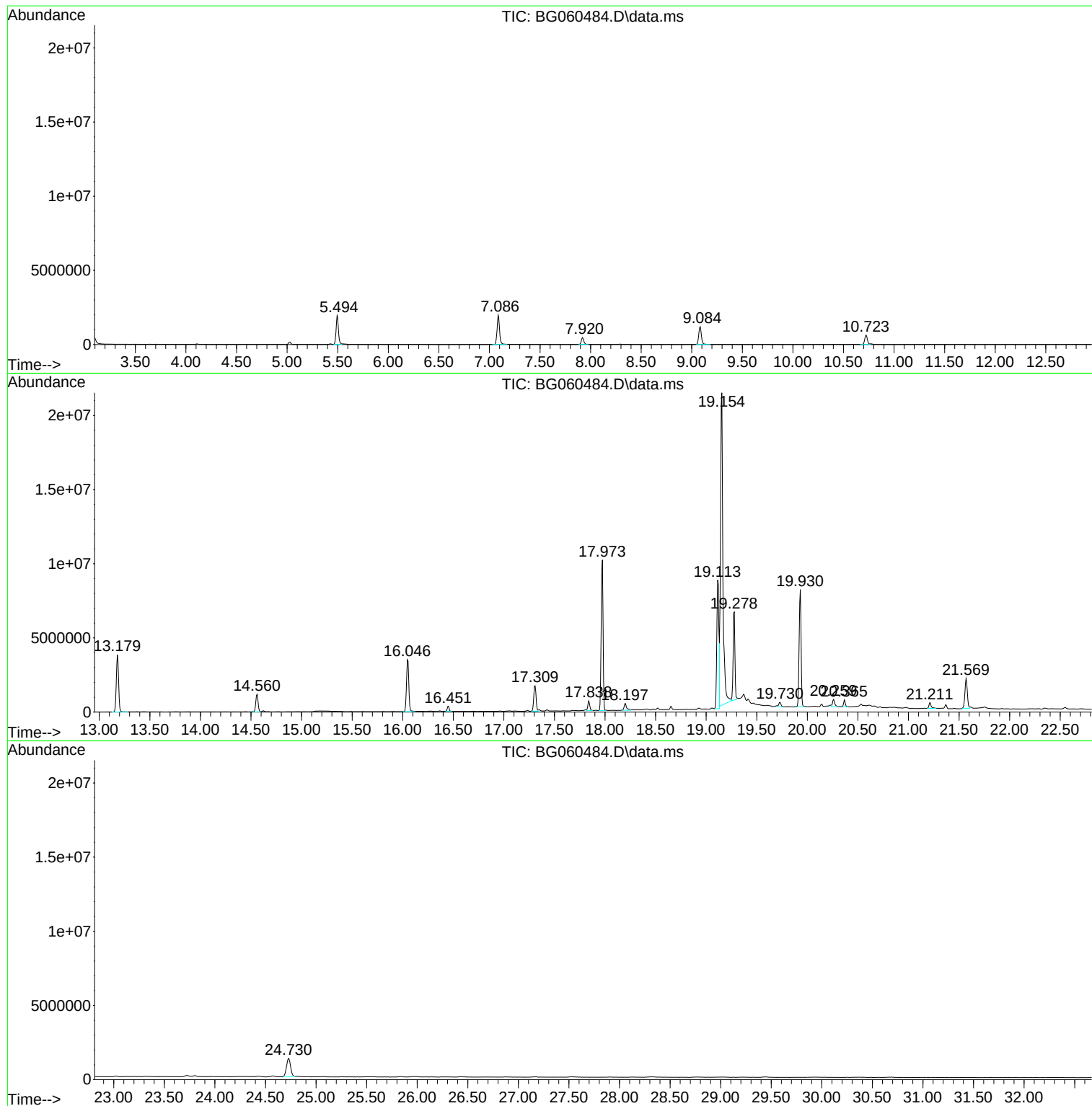
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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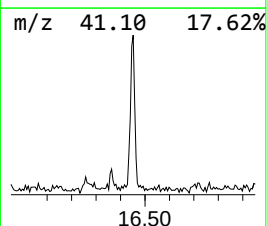
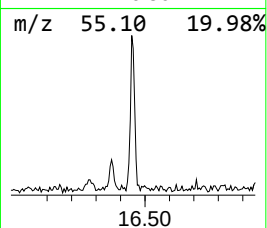
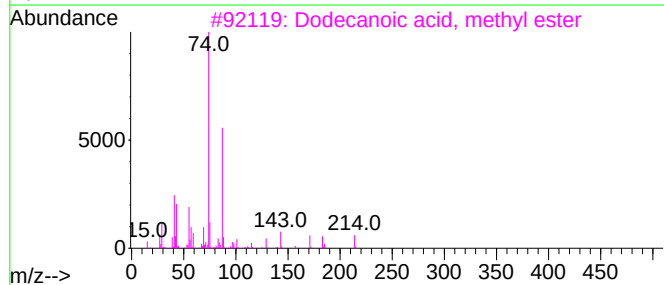
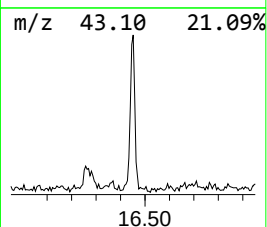
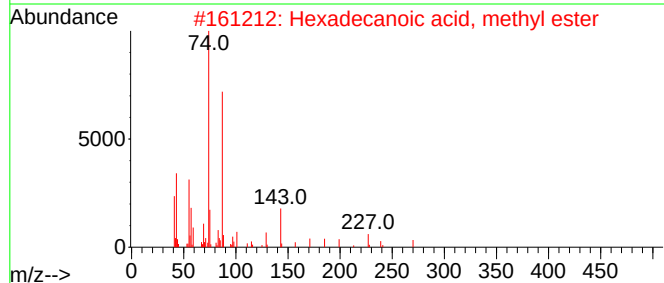
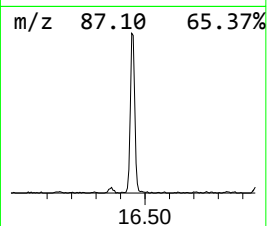
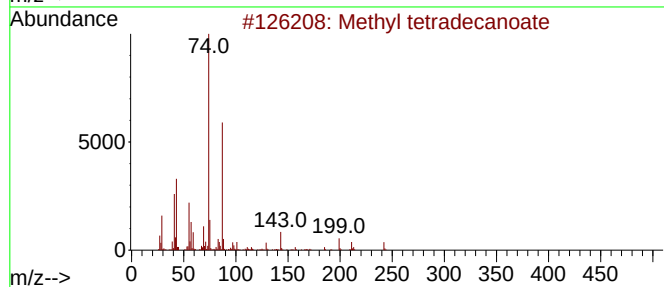
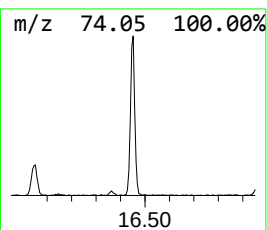
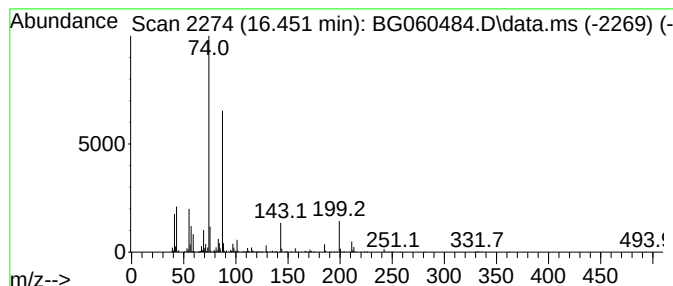
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Methyl tetradecanoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.451	3.27 ng	450415	Phenanthrene-d10	17.309

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	78
3			Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	72
4			2-Methylpentadecanoic acid	256	C16H32O2	025354-92-1	72
5			Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	64



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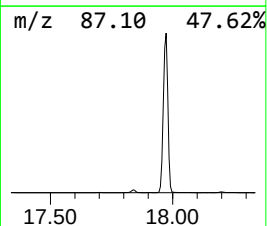
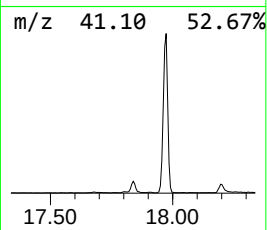
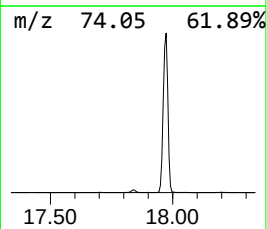
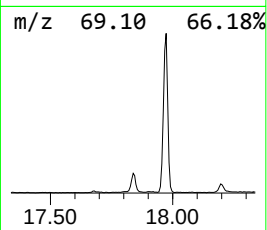
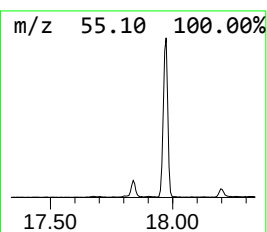
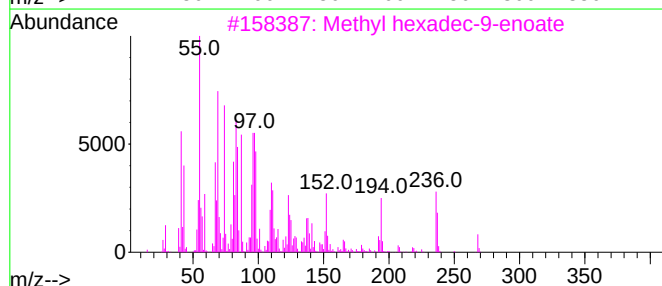
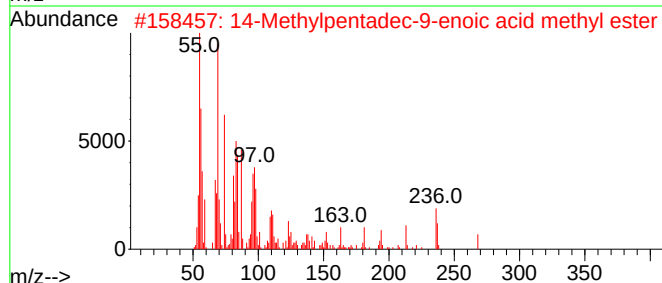
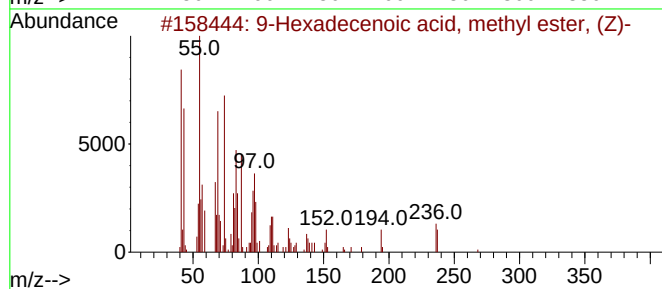
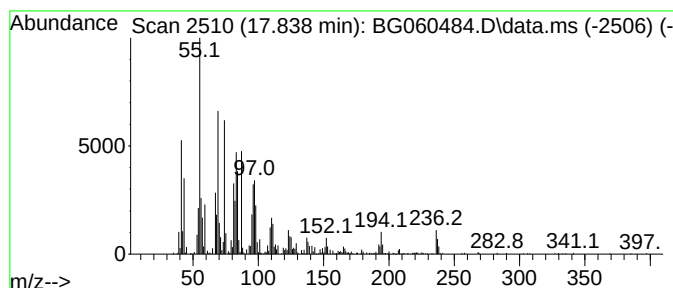
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 9-Hexadecenoic acid, methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.838	5.98 ng	823847	Phenanthrene-d10	17.309	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	98
2	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	94
3	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	87
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	83
5	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	83



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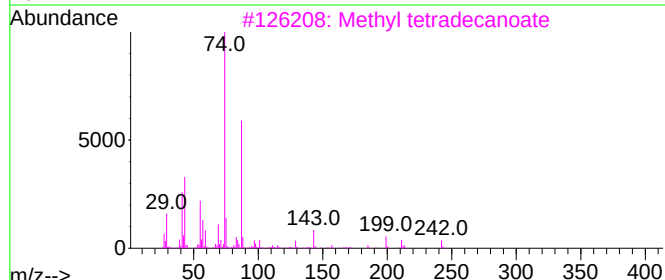
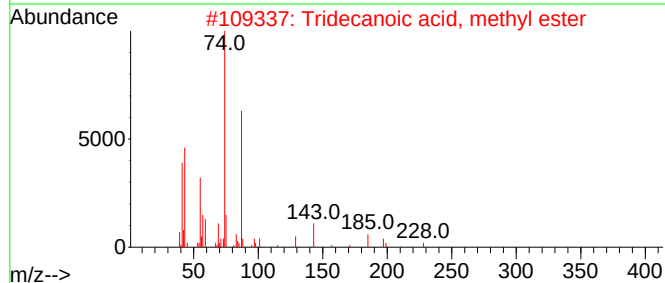
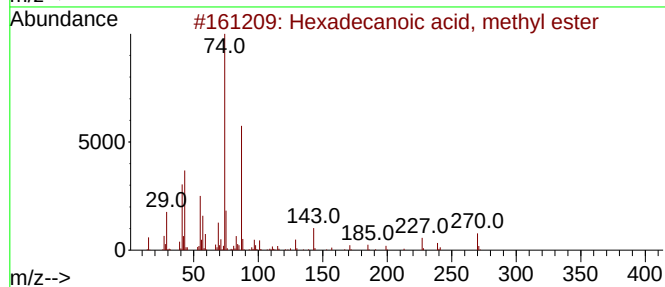
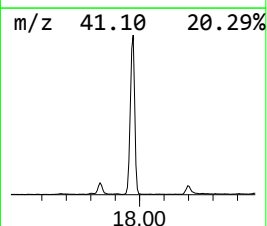
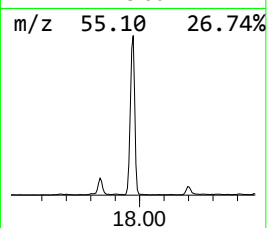
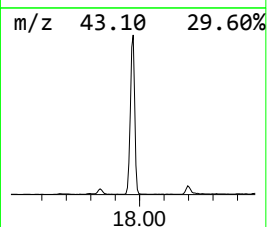
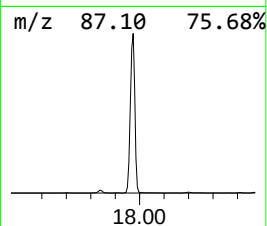
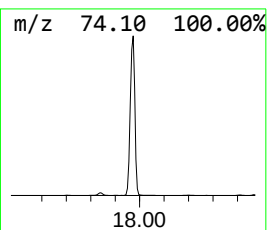
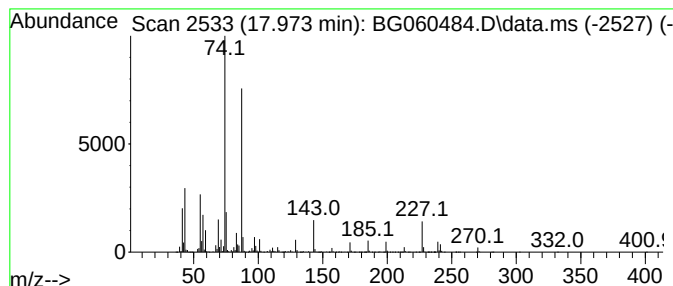
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Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.973	92.55 ng	12755800	Phenanthrene-d10	17.309

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
4			Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	78



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Instrument :
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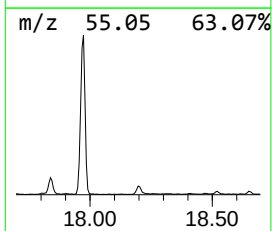
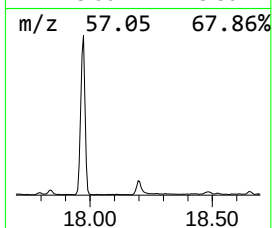
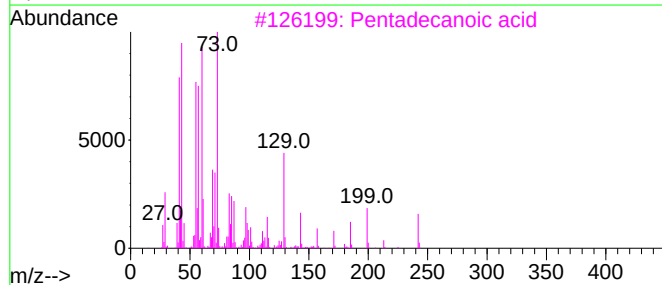
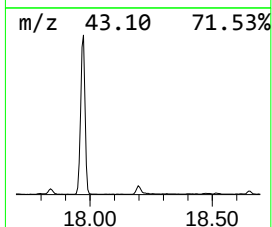
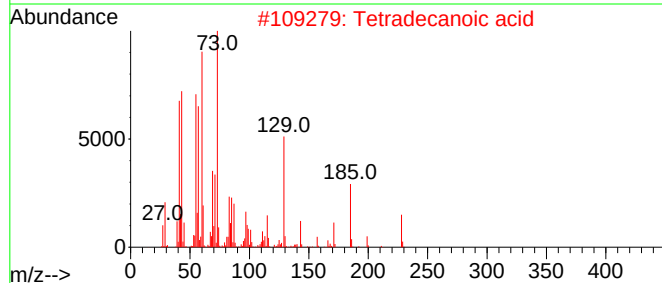
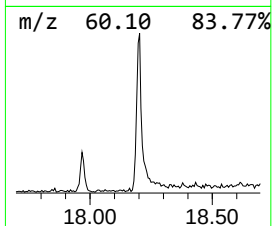
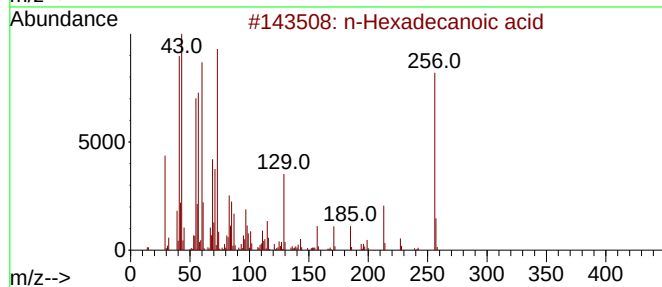
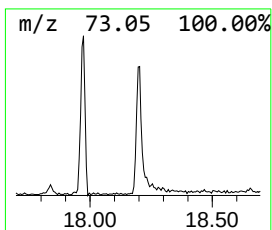
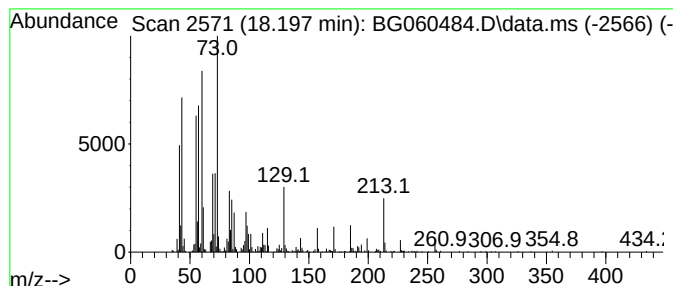
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.197	5.95 ng	819828	Phenanthrene-d10	17.309

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tridecanoic acid	214	C13H26O2	000638-53-9	81
5			Octadecanoic acid	284	C18H36O2	000057-11-4	81



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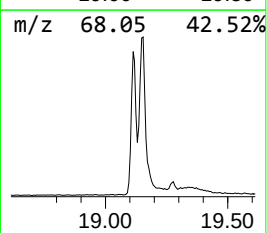
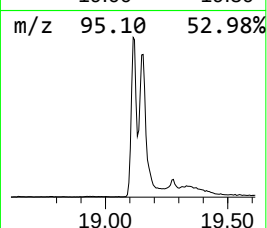
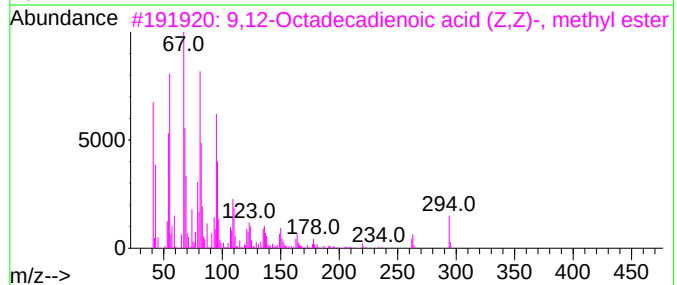
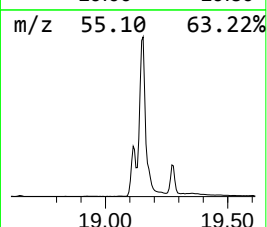
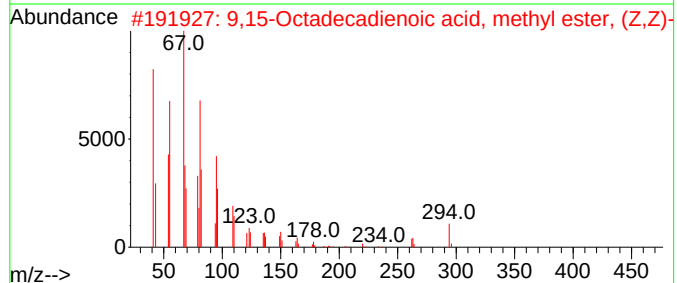
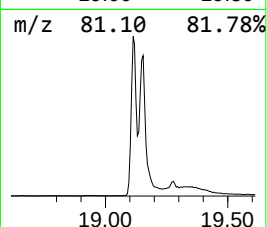
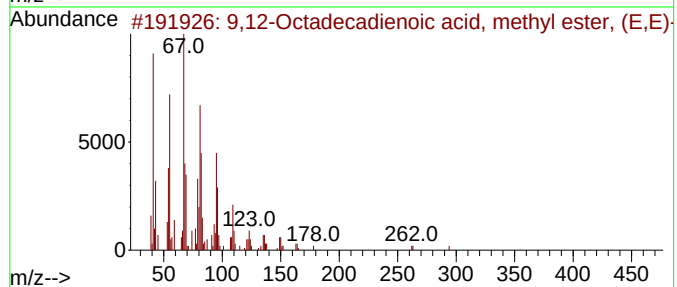
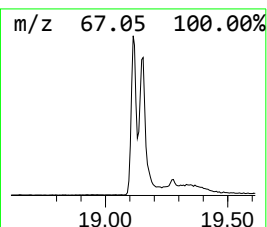
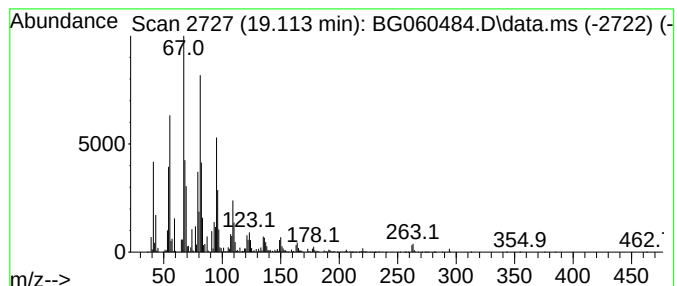
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Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.113	93.16 ng	12840400	Phenanthrene-d10	17.309	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	97
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95



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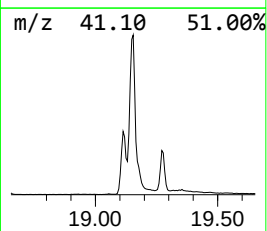
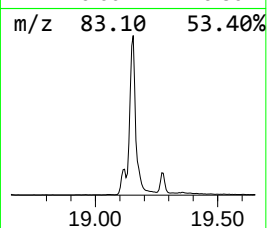
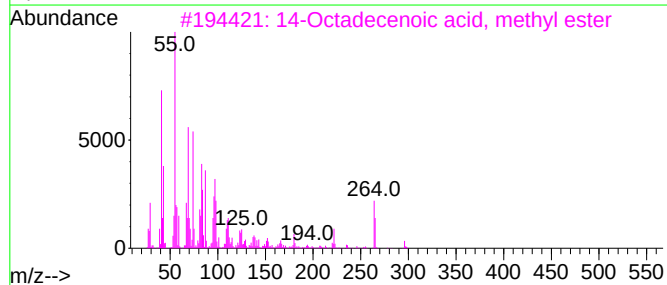
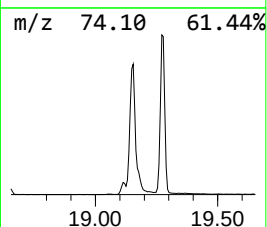
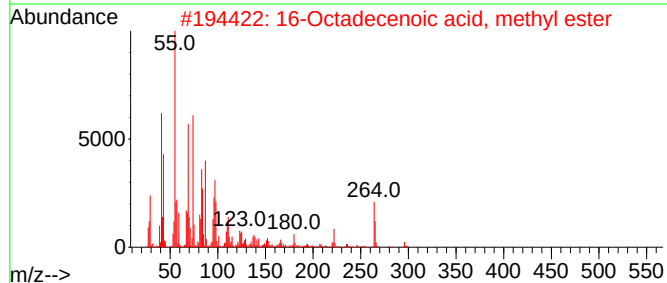
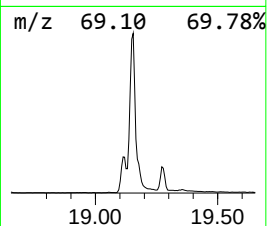
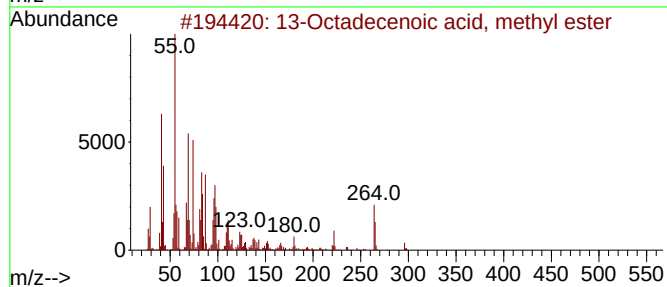
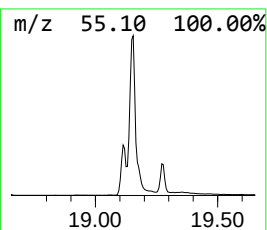
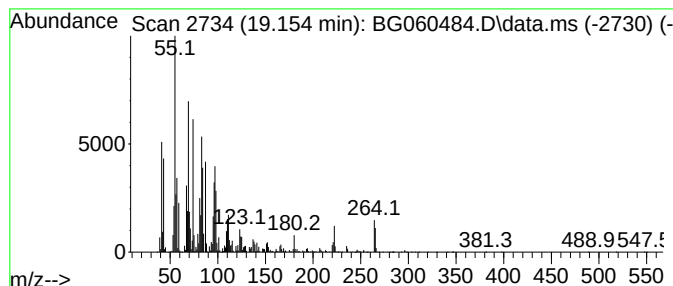
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BNA_G
ClientSampleId :
WC-SOIL-20240126

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 13-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.154	256.83 ng	35398300	Phenanthrene-d10	17.309	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	98
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060484.D
Acq On : 30 Jan 2024 15:14
Operator : MA/JU
Sample : P1270-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

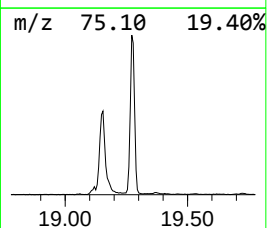
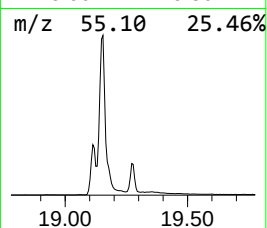
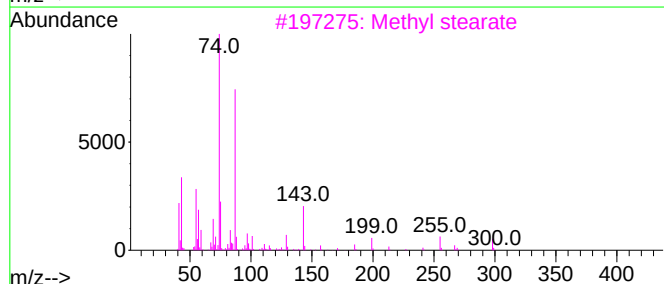
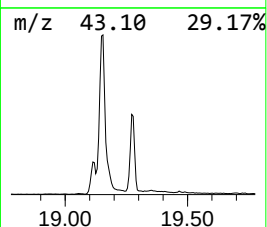
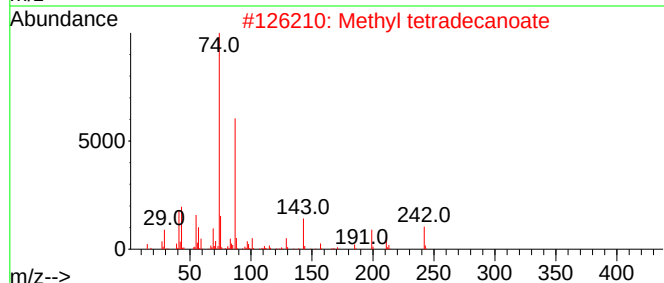
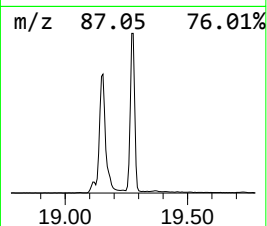
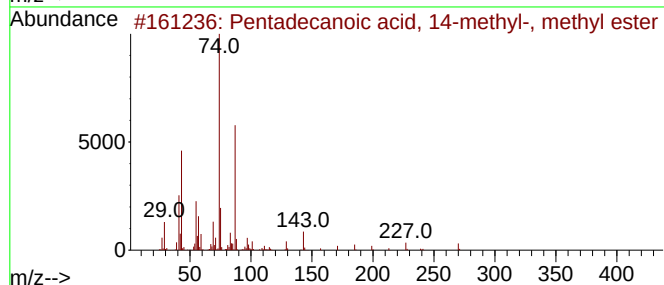
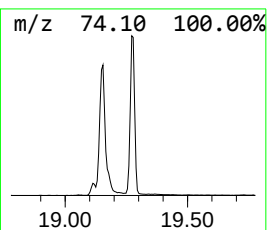
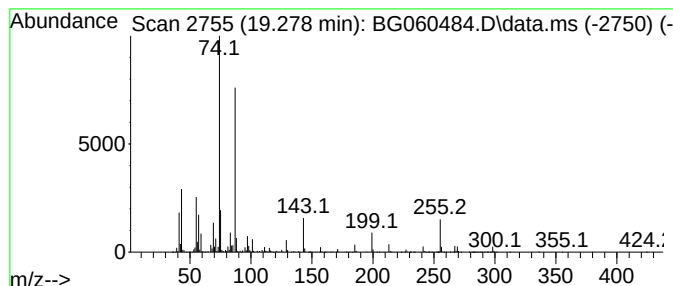
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecanoic acid, 14-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.278	53.64 ng	7393130	Phenanthrene-d10	17.309

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
2			Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3			Methyl stearate	298	C19H38O2	000112-61-8	87
4			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060484.D
Acq On : 30 Jan 2024 15:14
Operator : MA/JU
Sample : P1270-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

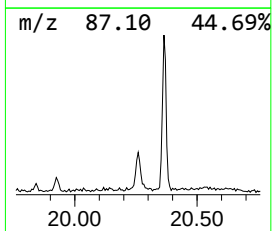
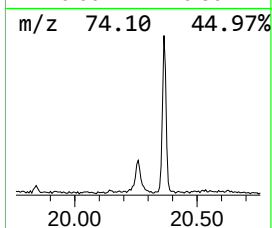
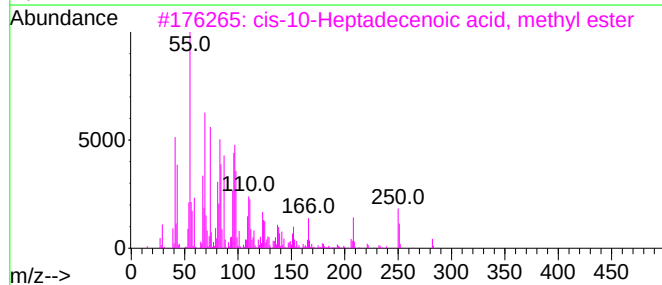
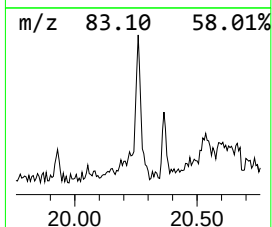
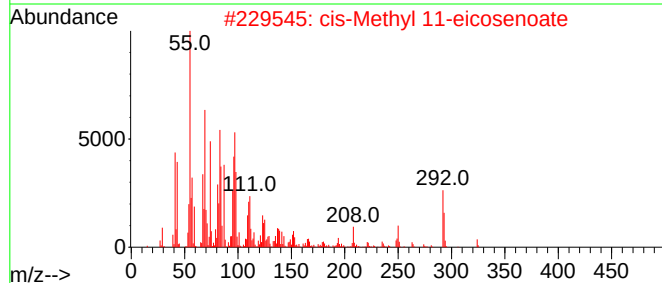
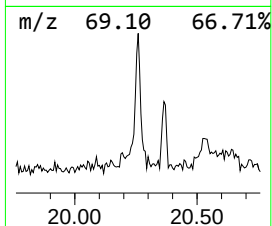
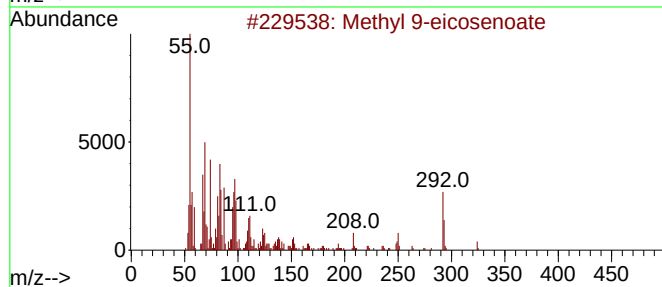
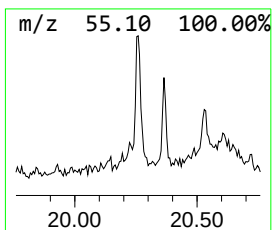
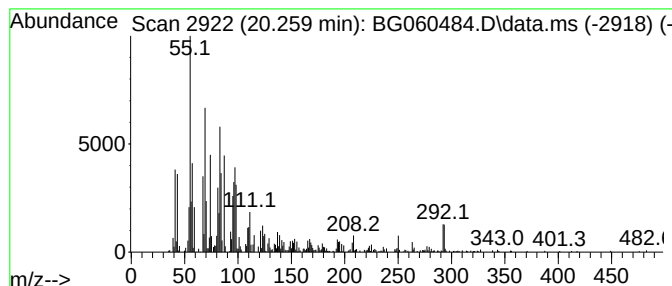
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Methyl 9-eicosenoate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.259	4.47 ng	755019	Chrysene-d12	21.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	91
2			cis-Methyl 11-eicosenoate	324	C21H40O2	002390-09-2	90
3			cis-10-Heptadecenoic acid, methyl...	282	C18H34O2	1000333-62-1	86
4			7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	68
5			11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060484.D
Acq On : 30 Jan 2024 15:14
Operator : MA/JU
Sample : P1270-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

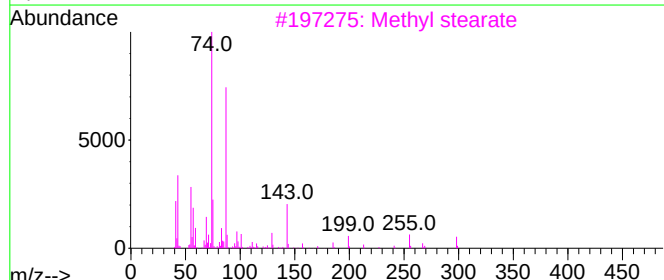
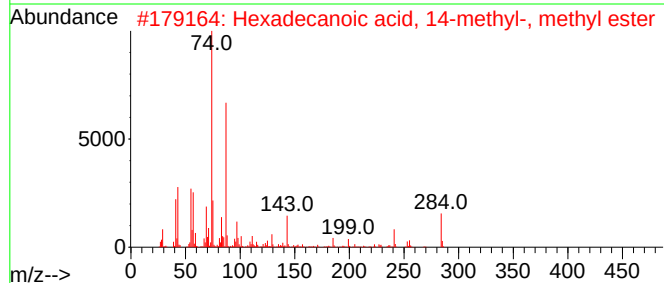
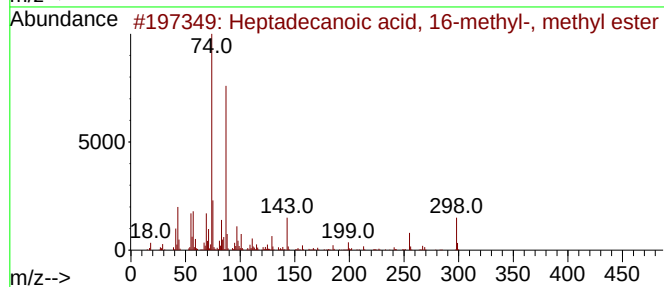
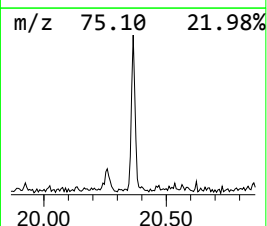
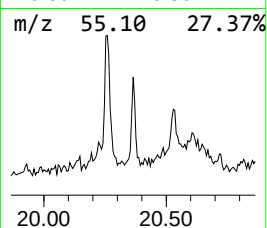
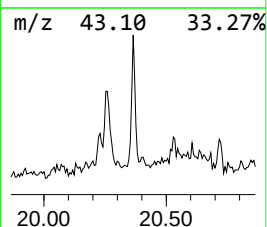
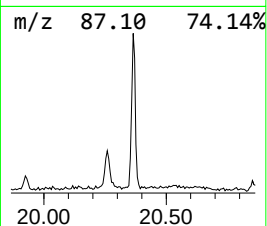
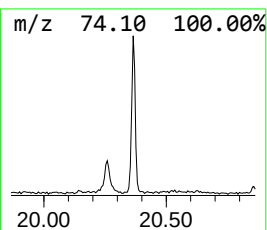
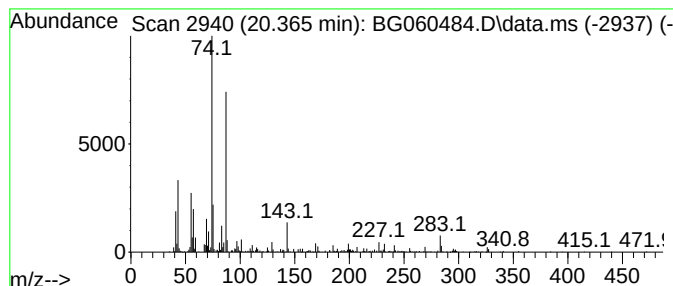
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecanoic acid, 16-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.365	3.13 ng	528114	Chrysene-d12	21.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
2			Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	93
3			Methyl stearate	298	C19H38O2	000112-61-8	93
4			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
5			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060484.D
Acq On : 30 Jan 2024 15:14
Operator : MA/JU
Sample : P1270-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

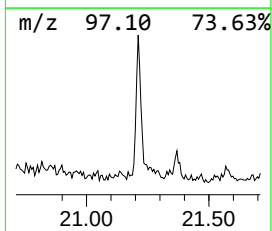
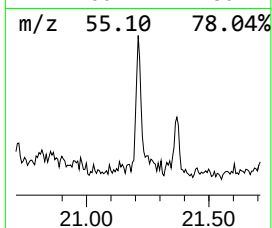
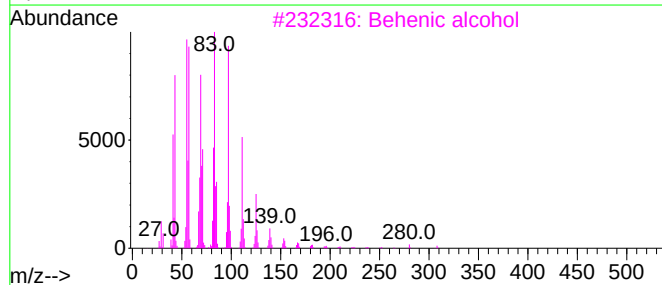
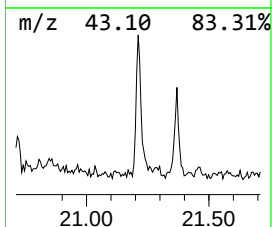
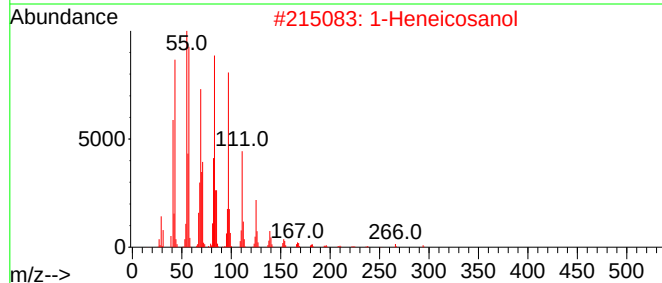
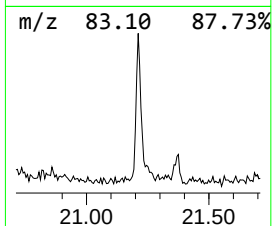
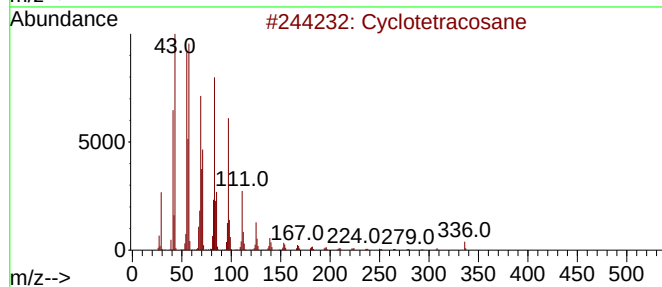
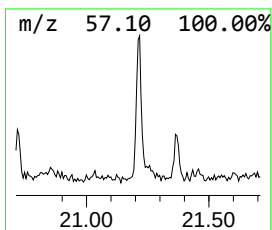
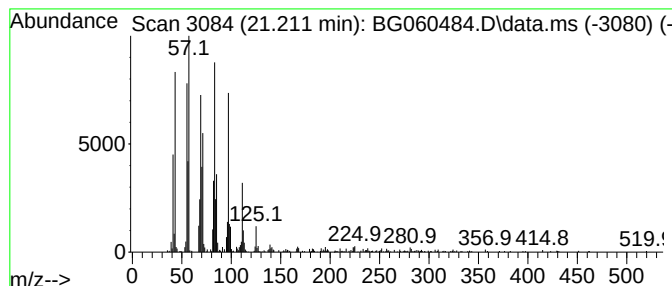
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclotetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.211	3.70 ng	625261	Chrysene-d12	21.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	91
2			1-Heneicosanol	312	C21H44O	015594-90-8	90
3			Behenic alcohol	326	C22H46O	000661-19-8	90
4			n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5			1-Hexadecanol	242	C16H34O	036653-82-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
Data File : BG060484.D
Acq On : 30 Jan 2024 15:14
Operator : MA/JU
Sample : P1270-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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9-Hexadecenoic ...	17.838	6.0	ng	823847	4	17.309	2756520	20.0
Hexadecanoic ac...	17.973	92.5	ng	12755800	4	17.309	2756520	20.0
n-Hexadecanoic ...	18.197	6.0	ng	819828	4	17.309	2756520	20.0
9,12-Octadecadi...	19.113	93.2	ng	12840400	4	17.309	2756520	20.0
13-Octadecenoic...	19.154	256.8	ng	35398300	4	17.309	2756520	20.0
Pentadecanoic a...	19.278	53.6	ng	7393130	4	17.309	2756520	20.0
Methyl 9-eicose...	20.259	4.5	ng	755019	5	21.569	3376700	20.0
Heptadecanoic a...	20.365	3.1	ng	528114	5	21.569	3376700	20.0
Cyclotetracosane	21.211	3.7	ng	625261	5	21.569	3376700	20.0