LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129529.D
Acq On : 03 Aug 2022 03:01
Operator : CG\JU
Sample : N3990-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-080122

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_F\Methods\8270-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129529.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.510	544	548	555	rBV	470840	471935	2.63%	1.069%
2	6.522	716	720	732	rBV	492464	466171	2.60%	1.056%
3	6.875	777	780	784	rBV	1161309	913427	5.10%	2.069%
4	7.434	872	875	883	rBV	296786	267773	1.49%	0.606%
5	8.157	995	998	1002	rBV	1293674	1061939	5.93%	2.405%
6	9.228	1177	1180	1185	rBV	506784	435154	2.43%	0.985%
7	9.916	1293	1297	1300	rBV	1299458	987471	5.51%	2.236%
8	10.704	1428	1431	1436	rBV	253847	233424	1.30%	0.529%
9	11.404	1547	1550	1553	rBV	1120407	991799	5.53%	2.246%
10	11.786	1611	1615	1618	rBV	4785472	3822404	21.33%	8.657%
11	11.927	1635	1639	1646	rBV	444506	450773	2.52%	1.021%
12	12.486	1728	1734	1736	rBV	12590930	17920935	100.00%	40.585%
13	12.510	1736	1738	1743	rVV2	11204759	9716351	54.22%	22.004%
14	12.580	1747	1750	1753	rVB	3158814	2530675	14.12%	5.731%
15	12.622	1753	1757	1759	rBV	732215	792383	4.42%	1.794%
16	12.639	1759	1760	1767	rVB2	655706	598958	3.34%	1.356%
17	12.992	1816	1820	1822	rVB	453644	387107	2.16%	0.877%
18	13.227	1858	1860	1866	rVB2	207513	213635	1.19%	0.484%
19	13.304	1870	1873	1877	rVV	295120	262475	1.46%	0.594%
20	13.968	1983	1986	1991	rBV	293425	300766	1.68%	0.681%
21	14.051	1997	2000	2003	rBV	810824	725165	4.05%	1.642%
22	15.539	2249	2253	2259	rVB	465533	605662	3.38%	1.372%

Sum of corrected areas: 44156382

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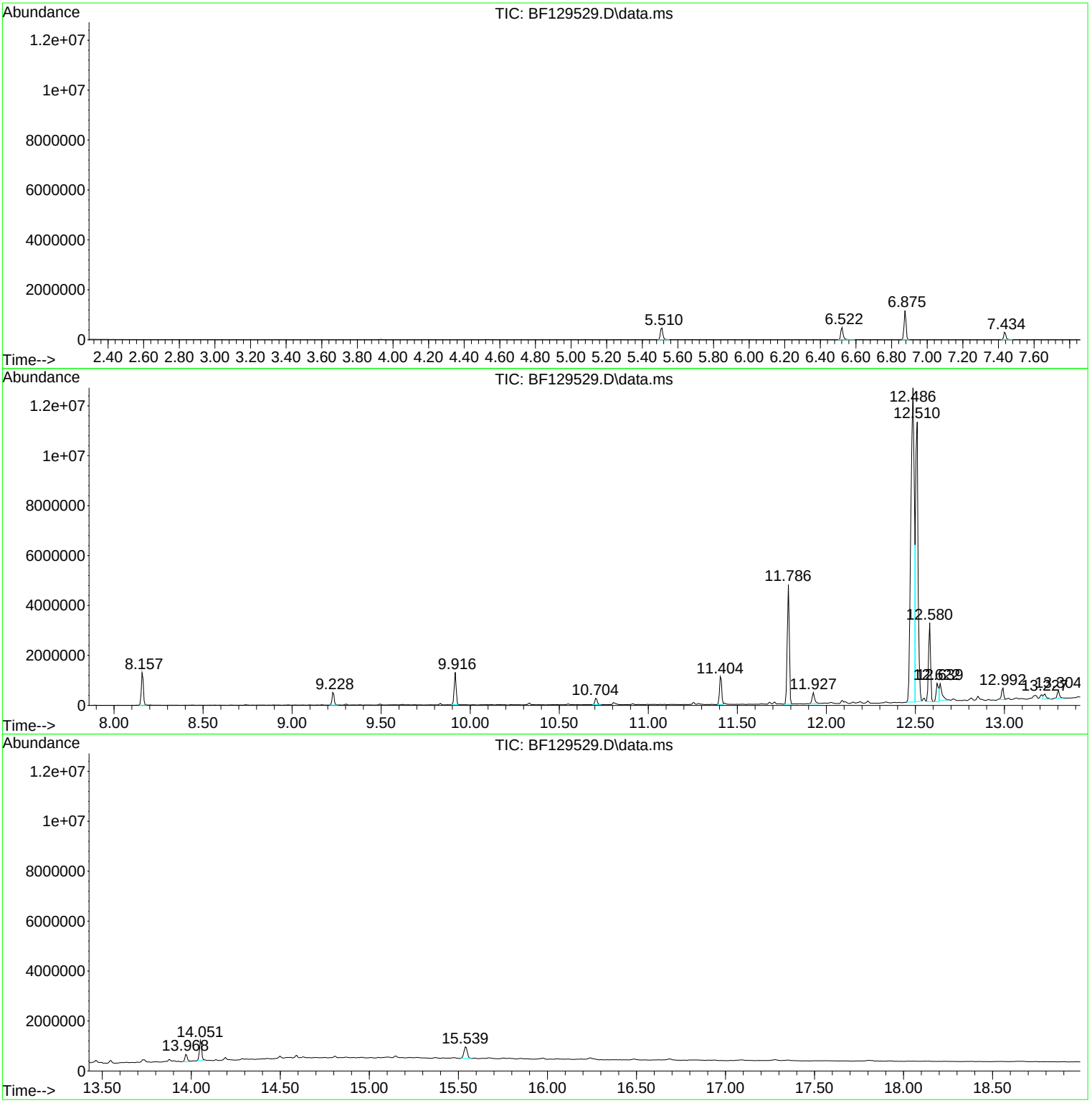
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-080122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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Acq On : 03 Aug 2022 03:01
Operator : CG\JU
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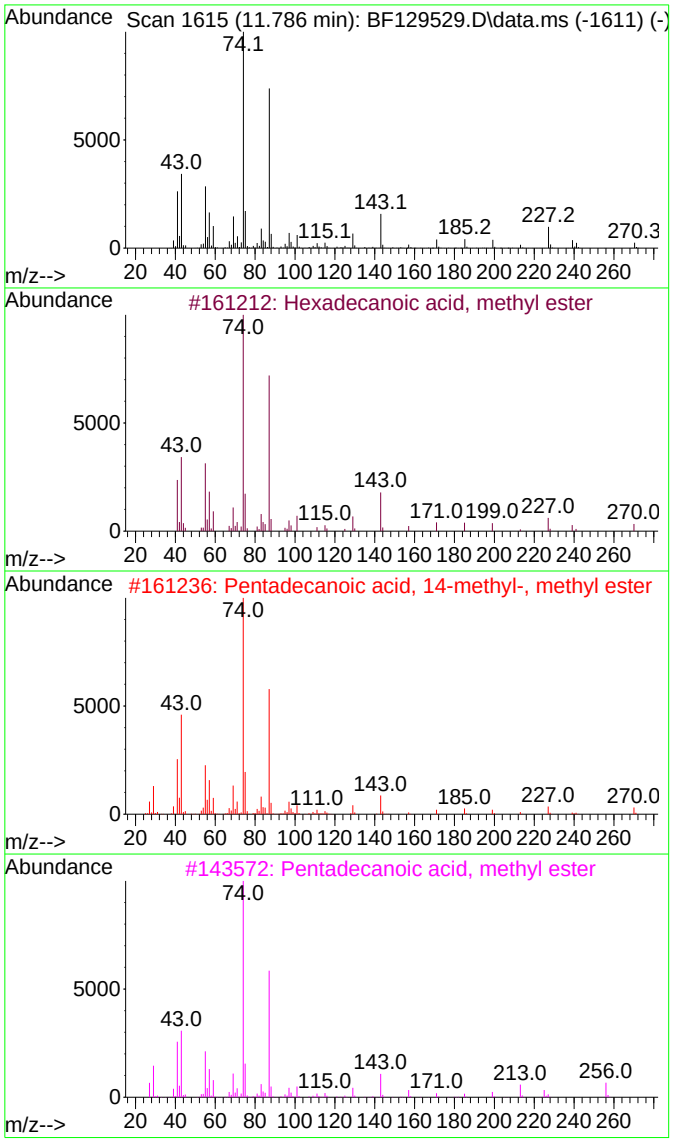
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

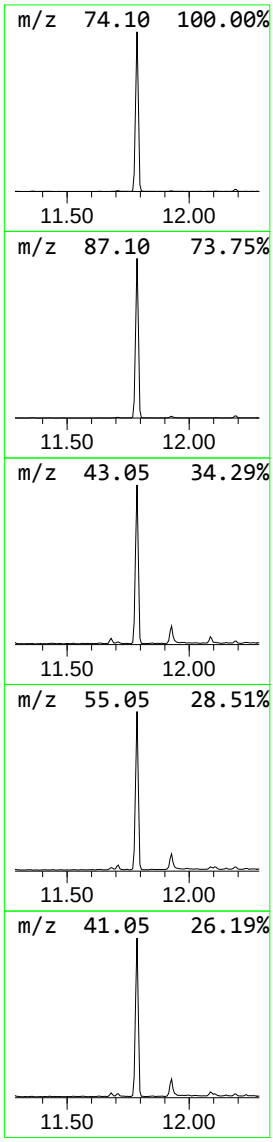
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	77.08 ng	3822400	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-080122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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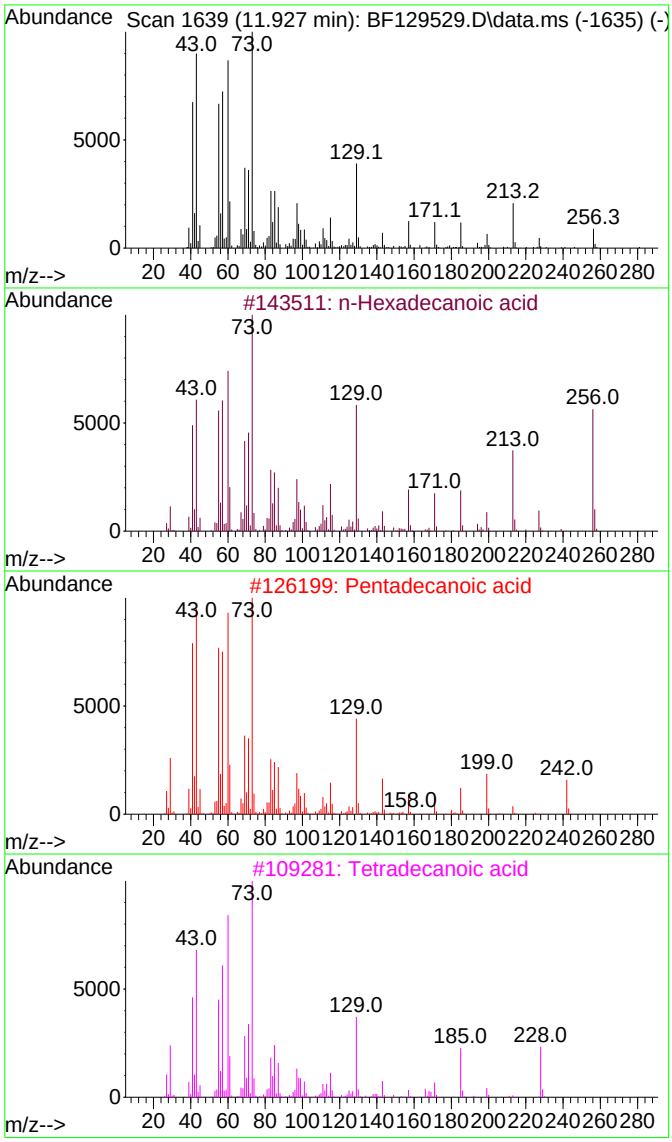
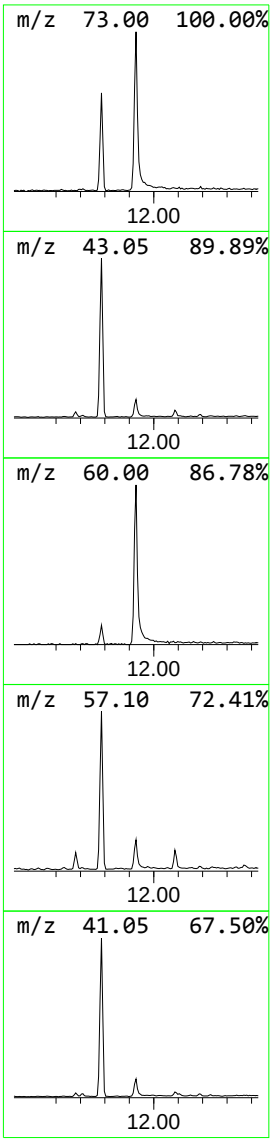
Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	9.09 ng	450773	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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Operator : CG\JU
Sample : N3990-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-080122

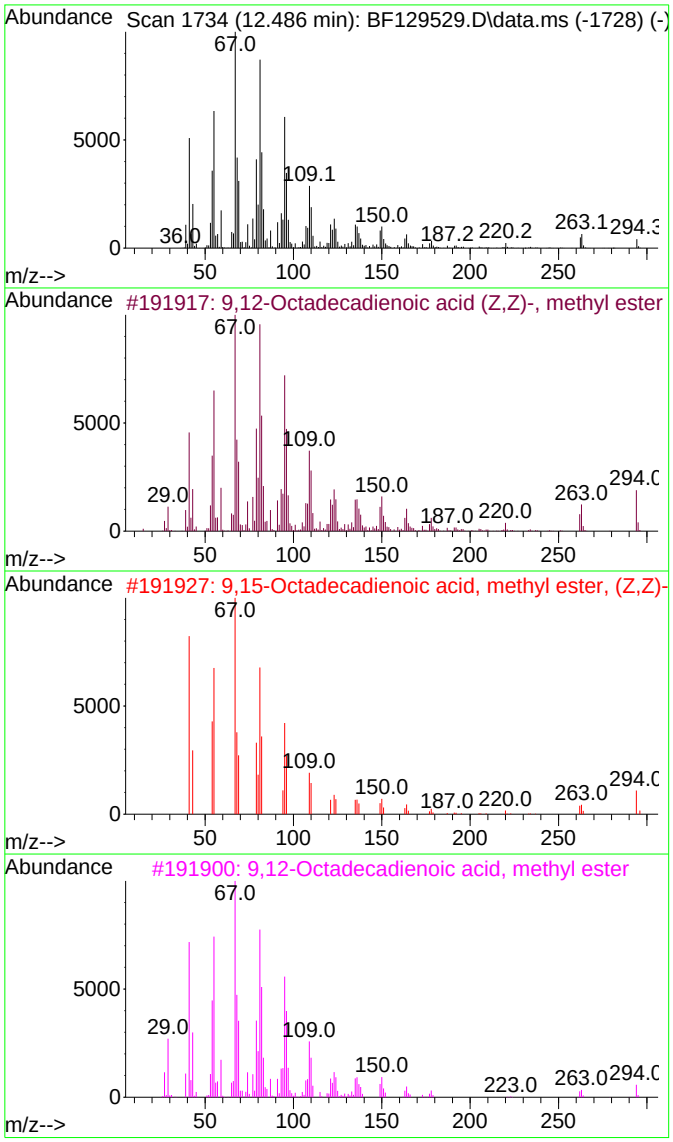
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

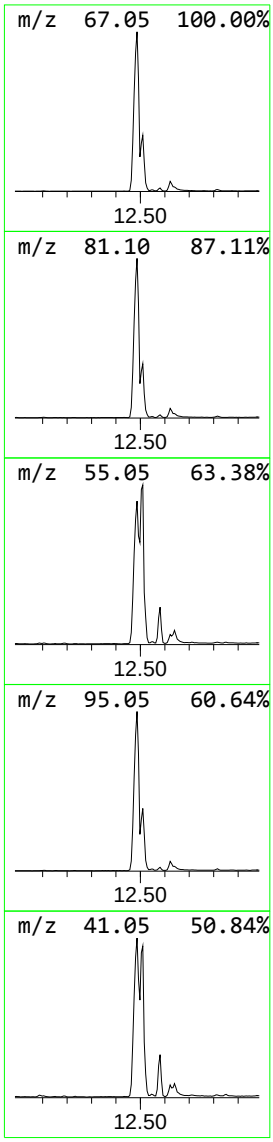
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	361.38 ng	17920900	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99





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Sample : N3990-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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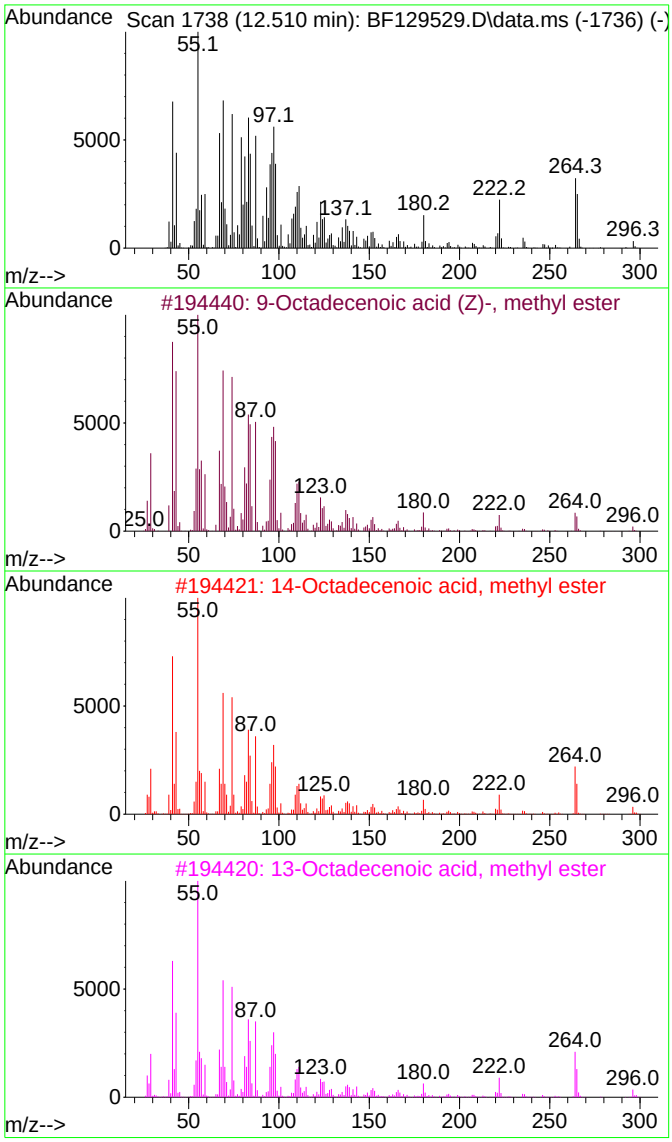
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

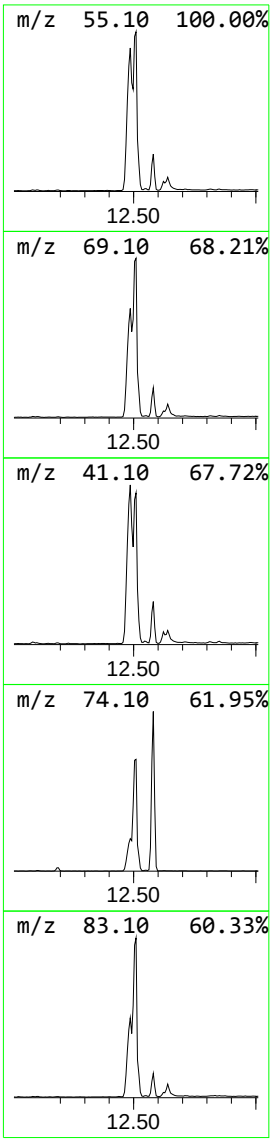
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	195.93 ng	9716350	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	98
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98





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Sample : N3990-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
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TIC Library : C:\Database\NIST20.L
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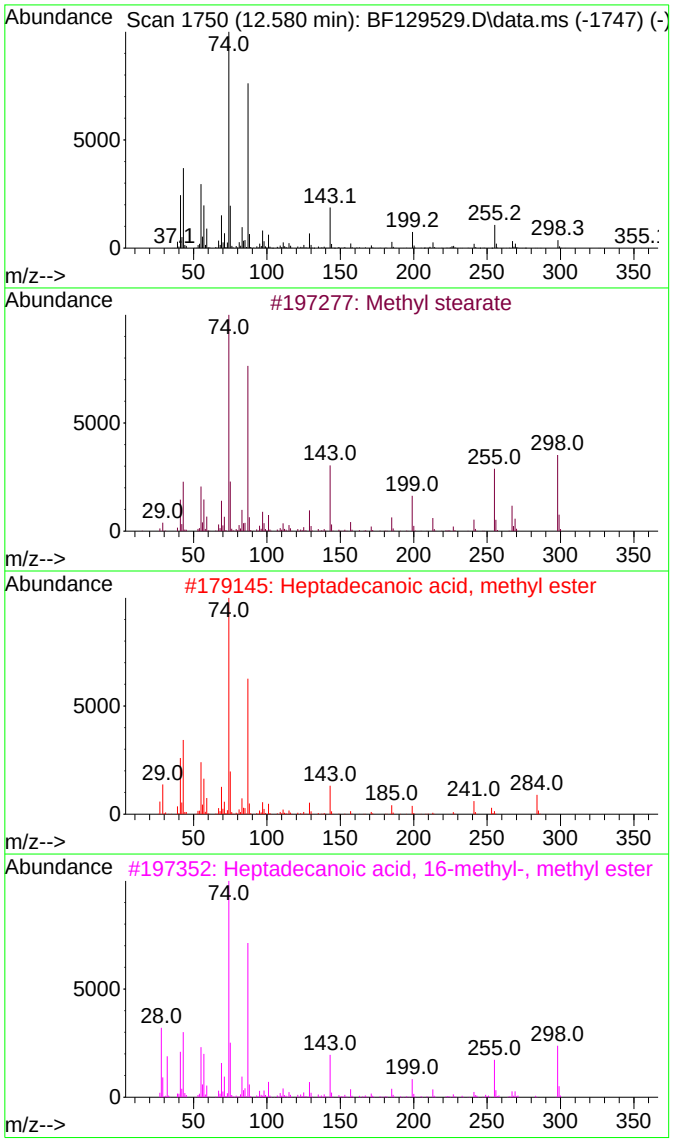
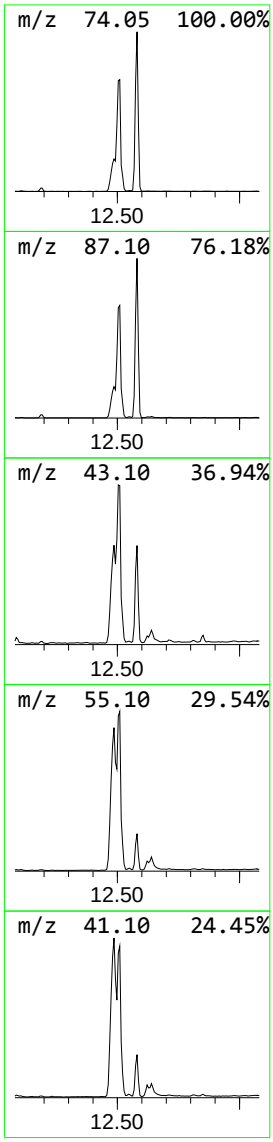
****

Peak Number 5 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.580	51.03 ng	2530680	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-080122

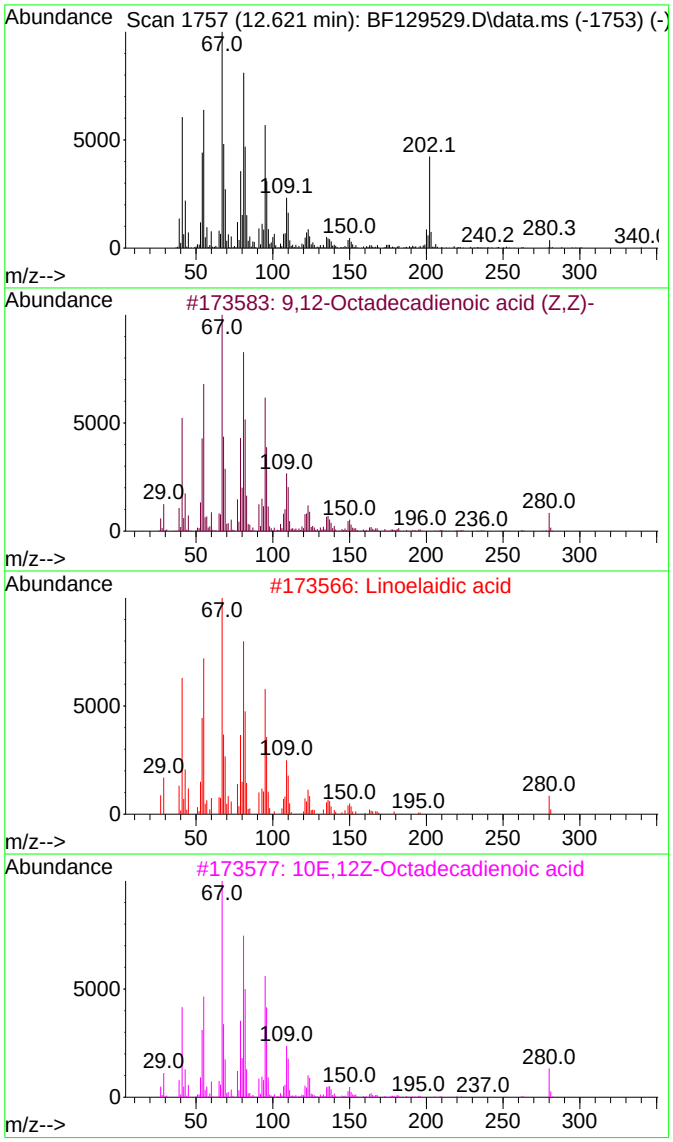
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

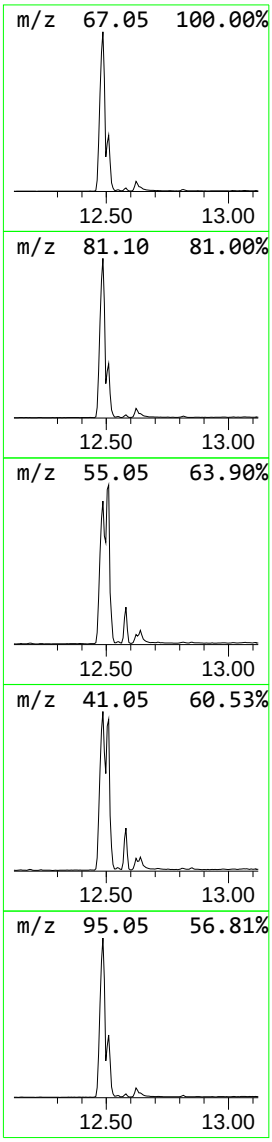
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9,12-Octadecadienoic acid (... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	15.98 ng	792383	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Linoelaidic acid	280	C18H32O2	000506-21-8	99
3	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	98
4	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	95
5	8-Hexadecyne	222	C16H30	019781-86-3	89





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-080122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

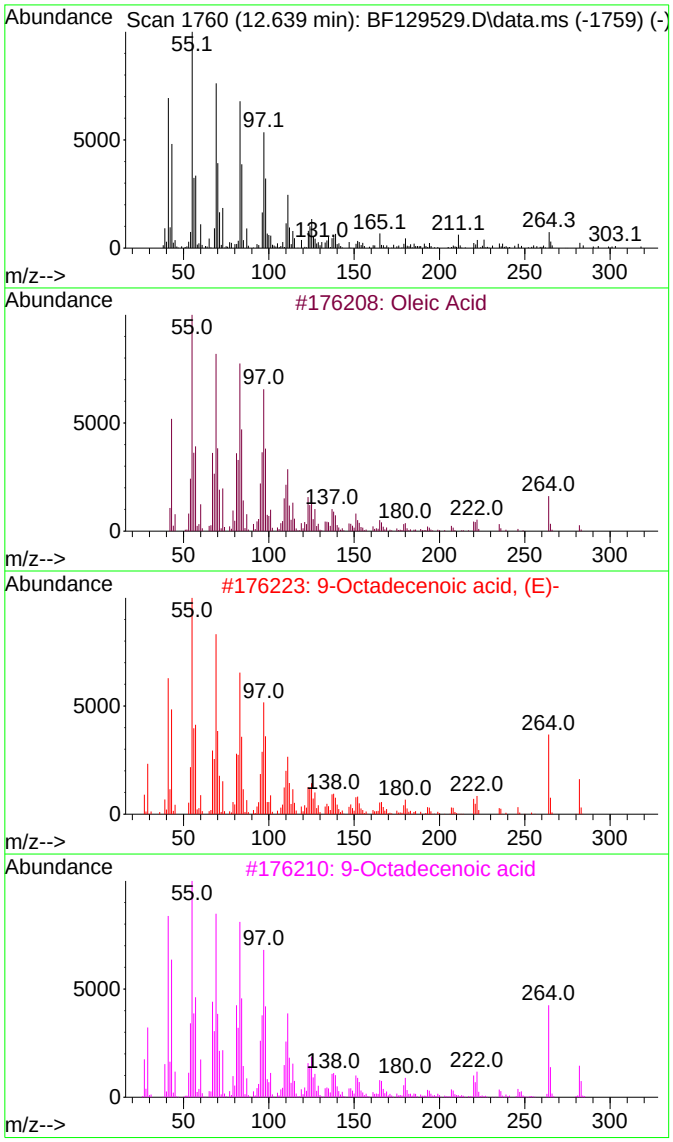
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

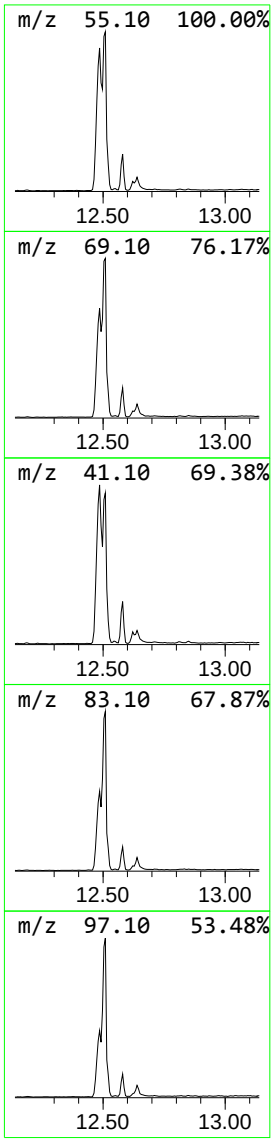
****

Peak Number 7 Oleic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.639	12.08 ng	598958	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	94
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	94
3	9-Octadecenoic acid	282	C18H34O2	002027-47-6	91
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	89
5	Cyclopentadecane	210	C15H30	000295-48-7	87





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TIC Library : C:\Database\NIST20.L
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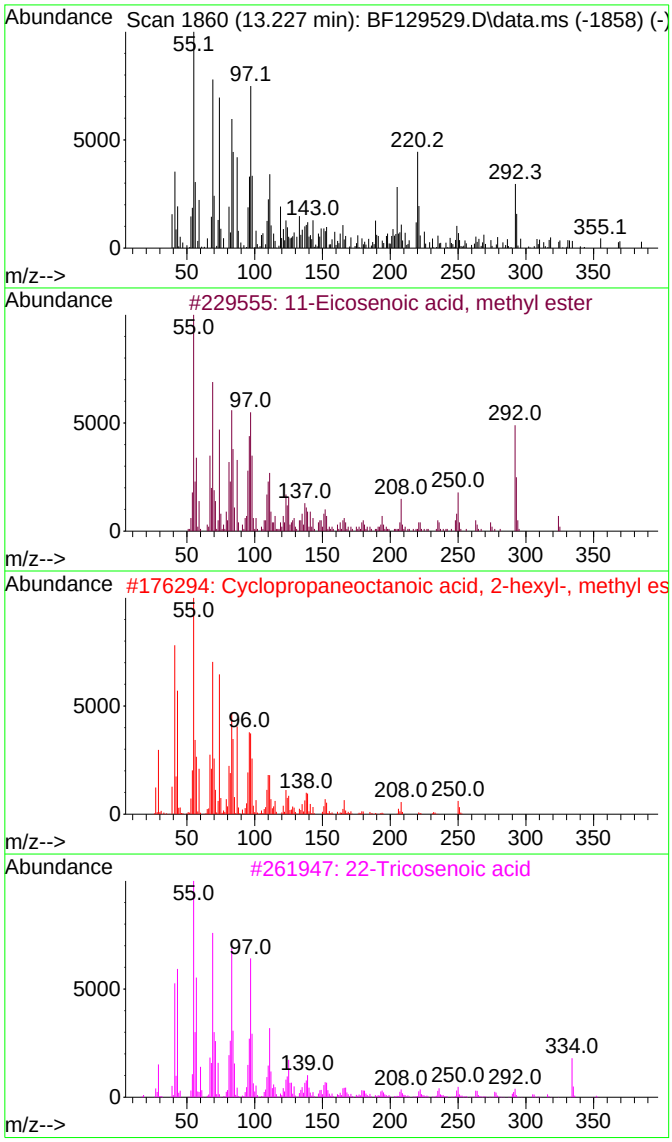
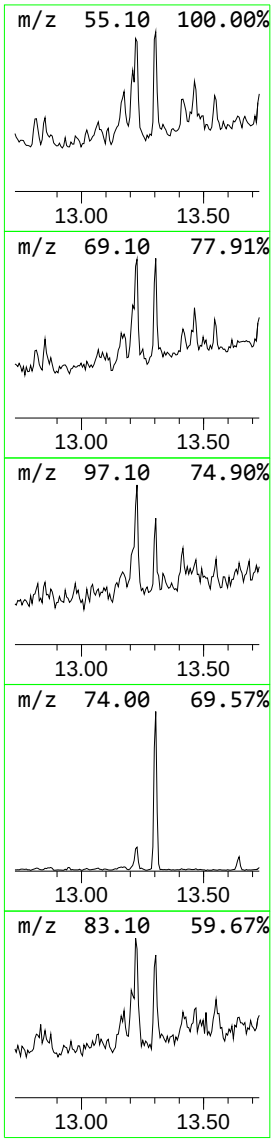
****
Peak Number 8 11-Eicosenoic acid, methyl ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	5.89 ng	213635	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	70
2	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	62
3	22-Tricosenoic acid	352	C23H44O2	065119-95-1	50
4	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	069120-02-1	49
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	45





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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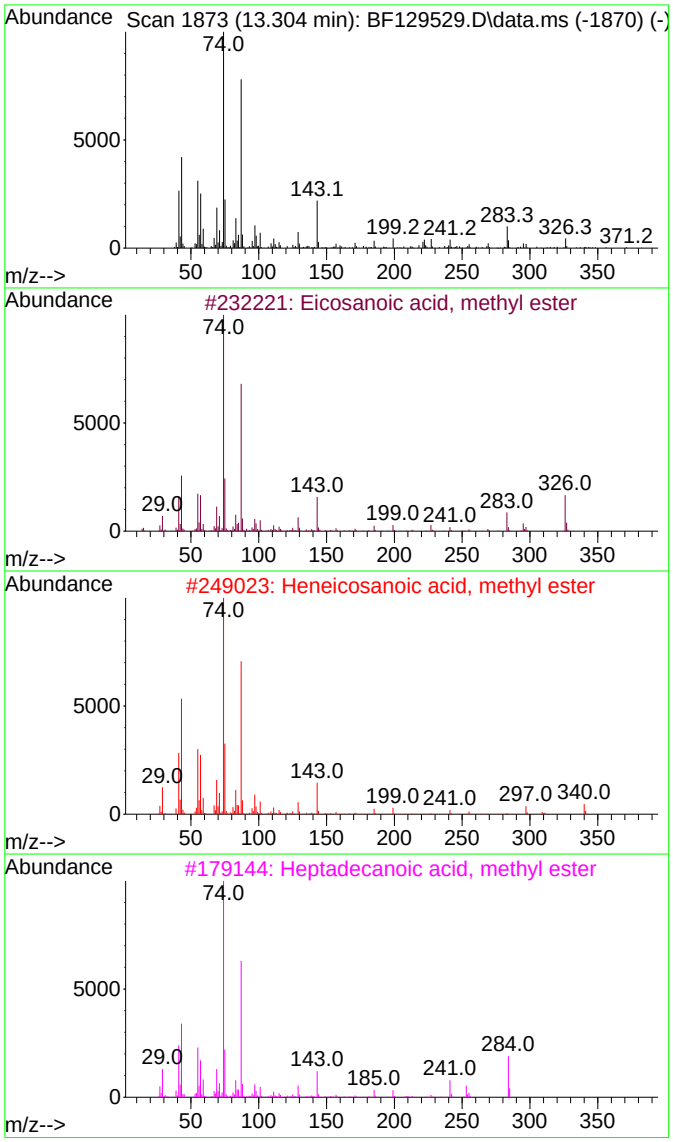
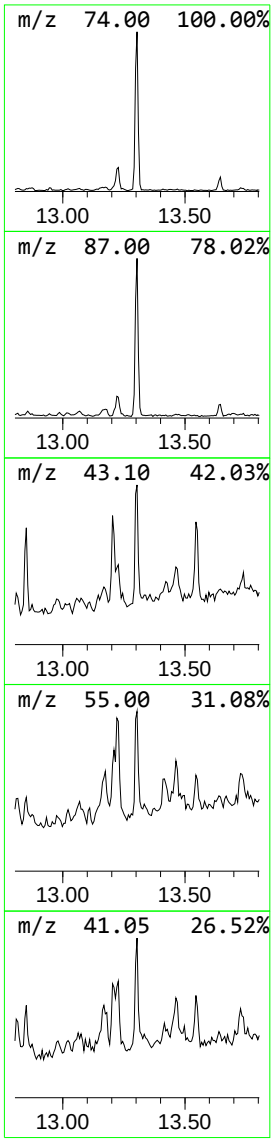
Peak Number 9 Eicosanoic acid, methyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	7.24 ng	262475	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	95
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-080122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
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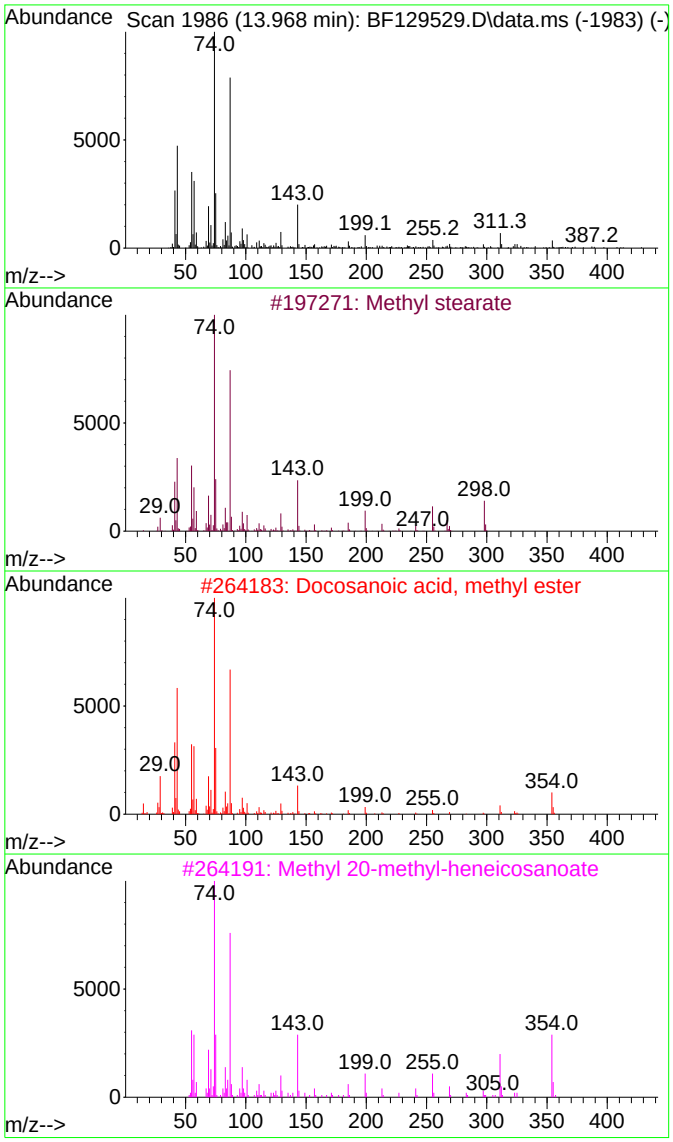
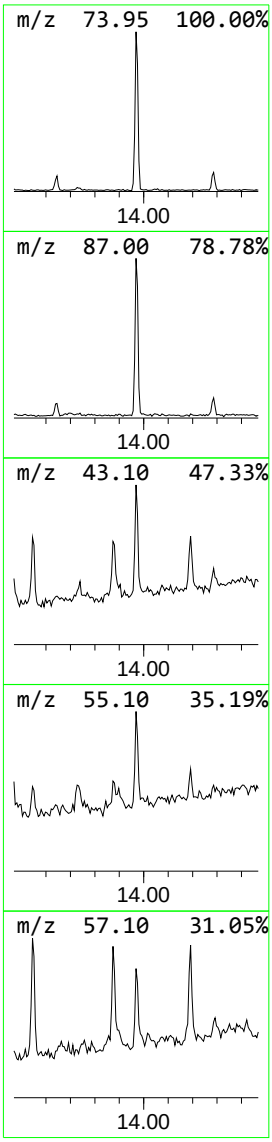
****

Peak Number 10 Docosanoic acid, methyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.969	8.30 ng	300766	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	95
3	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	93
4	Hexacosanoic acid, methyl ester	410	C27H54O2	005802-82-4	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129529.D
Acq On : 03 Aug 2022 03:01
Operator : CG\JU
Sample : N3990-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-080122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic ac...	11.786	77.1	ng	3822400	4	11.404	991799	20.0
n-Hexadecanoic ...	11.927	9.1	ng	450773	4	11.404	991799	20.0
9,12-Octadecadi...	12.486	361.4	ng	17920900	4	11.404	991799	20.0
9-Octadecenoic ...	12.510	195.9	ng	9716350	4	11.404	991799	20.0
Methyl stearate	12.580	51.0	ng	2530680	4	11.404	991799	20.0
9,12-Octadecadi...	12.621	16.0	ng	792383	4	11.404	991799	20.0
Oleic Acid	12.639	12.1	ng	598958	4	11.404	991799	20.0
11-Eicosenoic a...	13.227	5.9	ng	213635	5	14.051	725165	20.0
Eicosanoic acid...	13.304	7.2	ng	262475	5	14.051	725165	20.0
Docosanoic acid...	13.969	8.3	ng	300766	5	14.051	725165	20.0