LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
Data File : BF130678.D
Acq On : 14 Oct 2022 21:58
Operator : CG\JU
Sample : N5123-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-101222

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-BF101122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130678.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.175	522	525	540	rBV	530951	588648	1.25%	0.791%
2	6.228	701	704	715	rBV	646725	592526	1.25%	0.796%
3	6.581	760	764	771	rVB	616962	524397	1.11%	0.704%
4	7.863	977	982	985	rBV2	783445	801777	1.70%	1.077%
5	8.939	1162	1165	1168	rBV	792882	572607	1.21%	0.769%
6	9.610	1276	1279	1282	rVB	664301	523360	1.11%	0.703%
7	11.092	1525	1531	1533	rBV	511255	496259	1.05%	0.667%
8	11.516	1596	1603	1605	rBV	8532000	9969906	21.09%	13.391%
9	11.663	1622	1628	1633	rBV	628732	925051	1.96%	1.242%
10	12.245	1712	1727	1728	rBV2	13334681	47279677	100.00%	63.504%
11	12.310	1735	1738	1741	rVB	6490733	5725763	12.11%	7.691%
12	12.363	1741	1747	1748	rBV	2219412	3586201	7.59%	4.817%
13	12.686	1799	1802	1805	rVB	662868	501491	1.06%	0.674%
14	12.933	1838	1844	1849	rBV2	461395	620290	1.31%	0.833%
15	13.010	1854	1857	1861	rVB	711044	647548	1.37%	0.870%
16	13.680	1967	1971	1974	rVB	646855	585233	1.24%	0.786%
17	13.727	1975	1979	1982	rBV	540333	510969	1.08%	0.686%

Sum of corrected areas: 74451703

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ClientSampleId :
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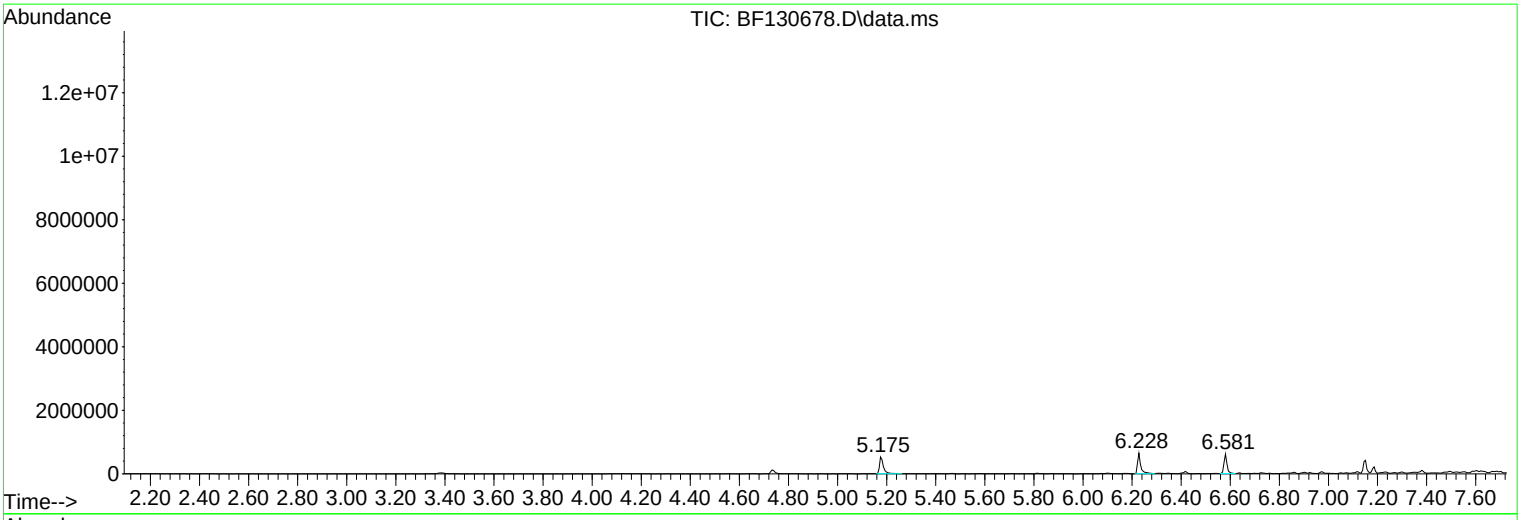
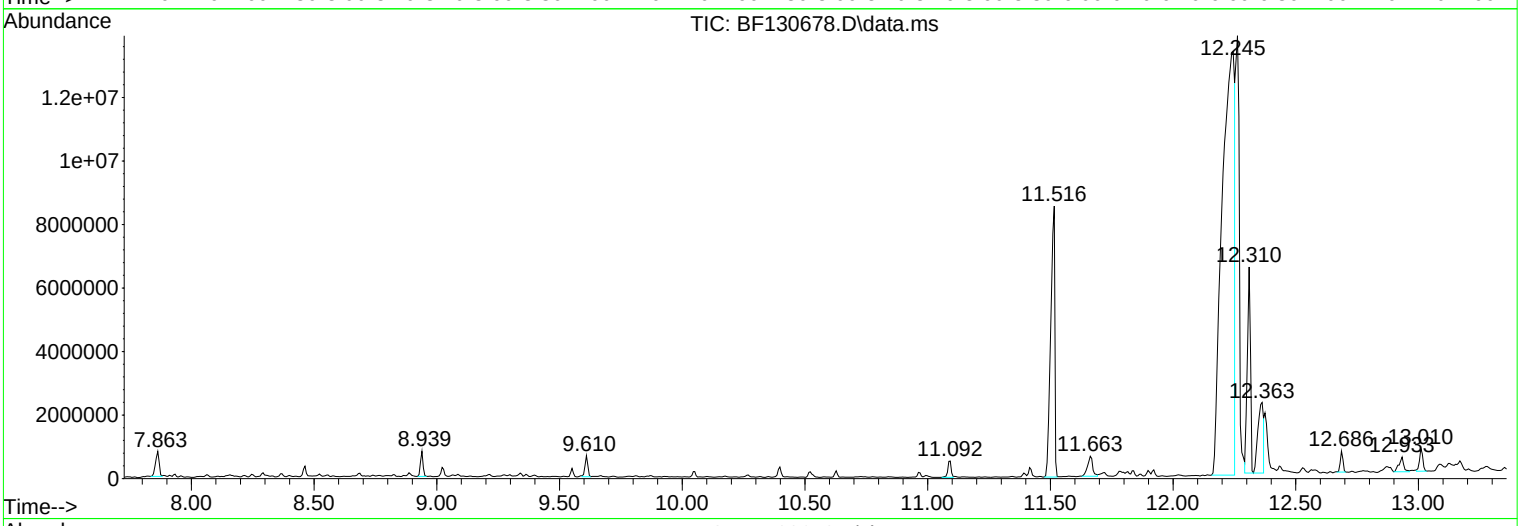
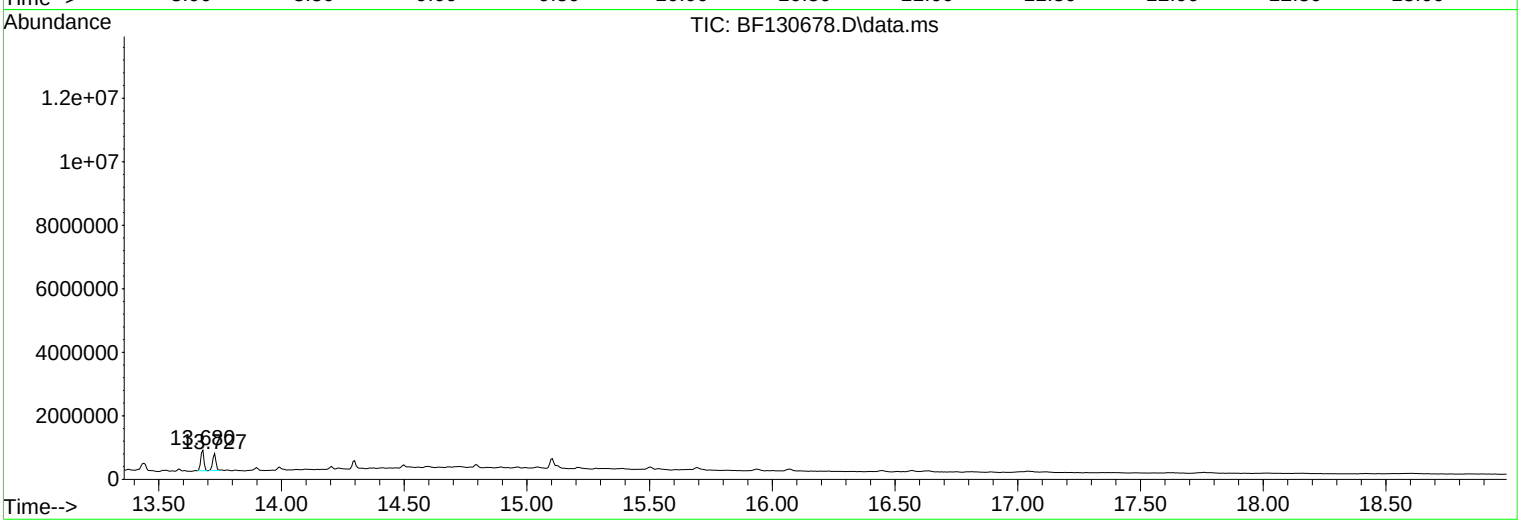
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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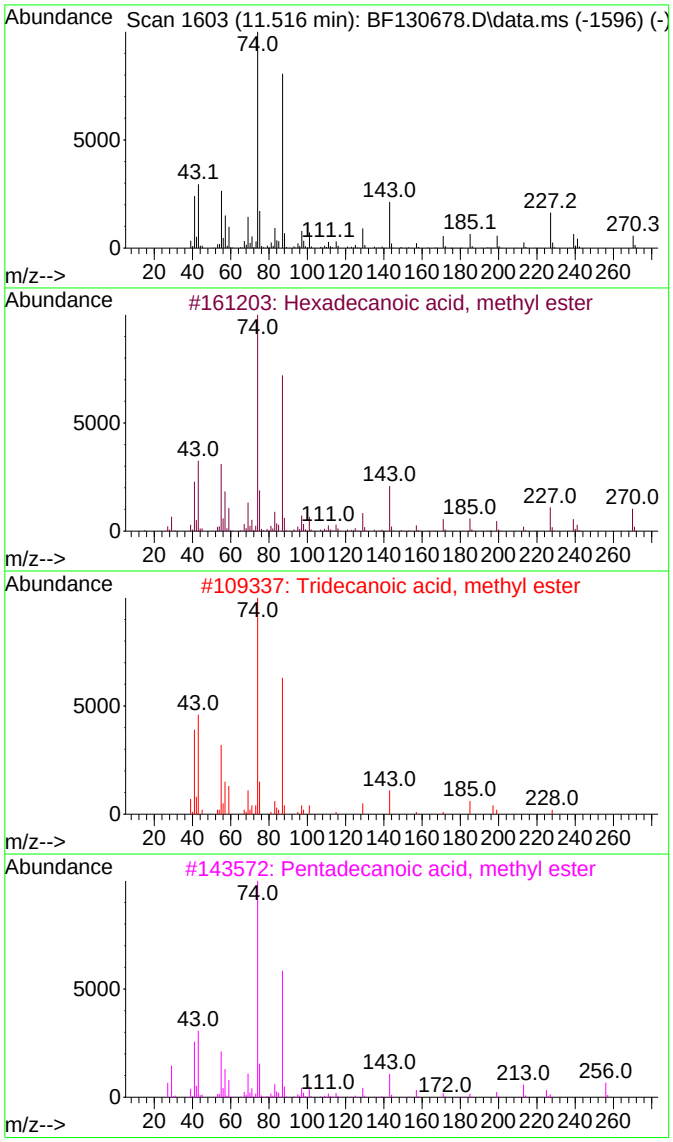
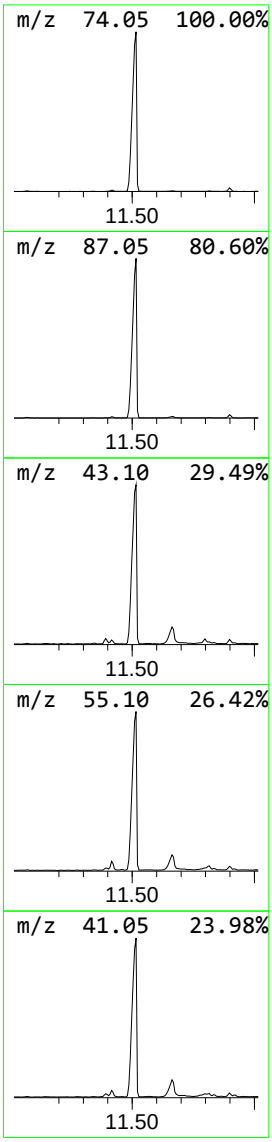
Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.516	401.80 ng	9969910	Phenanthrene-d10	11.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	80
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	72





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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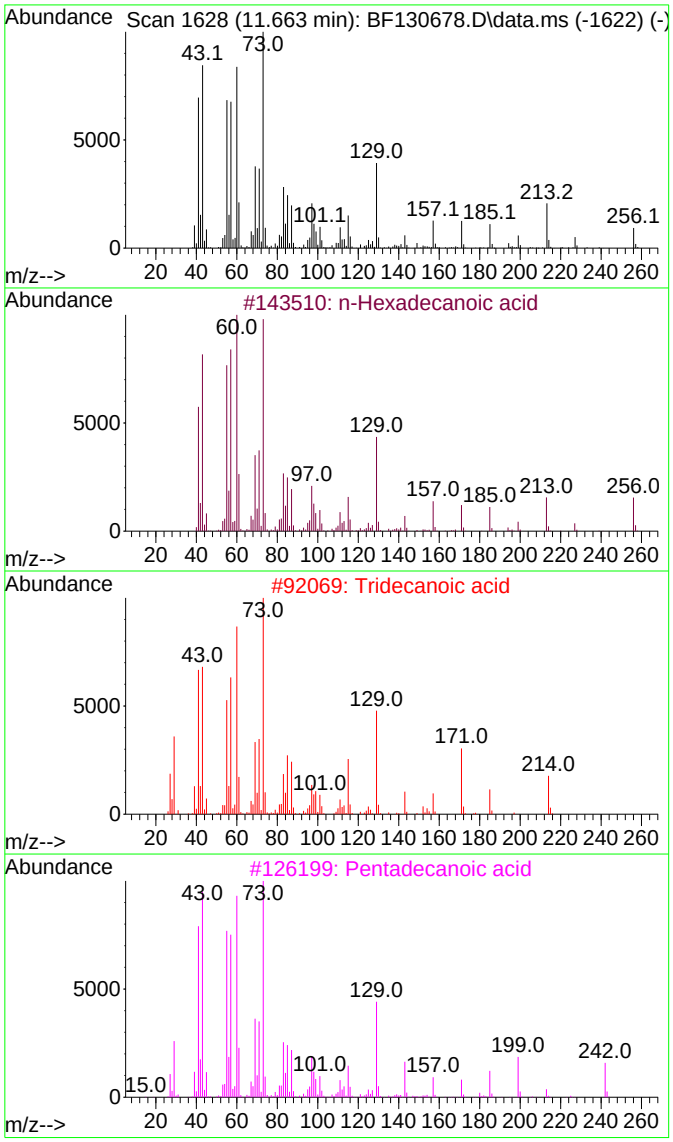
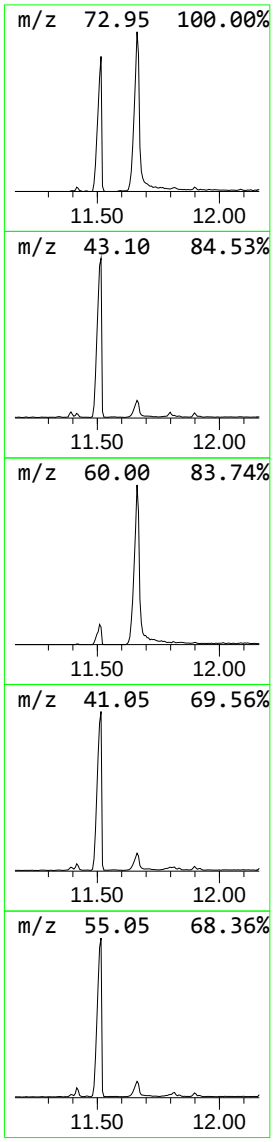
Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.663	37.28 ng	925051	Phenanthrene-d10	11.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.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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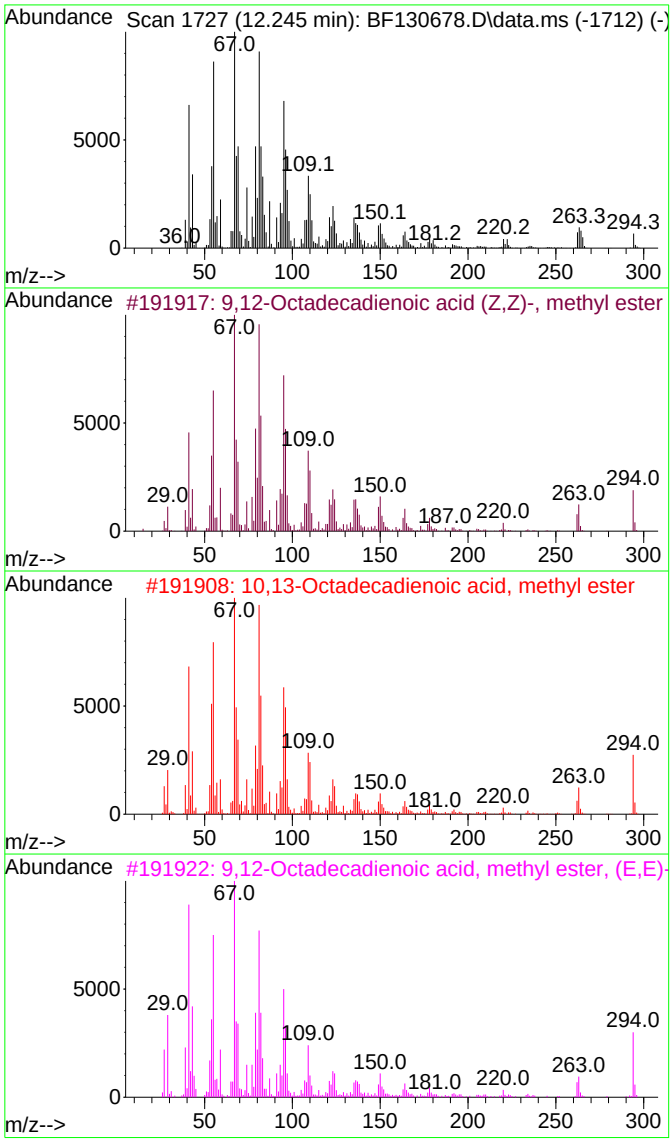
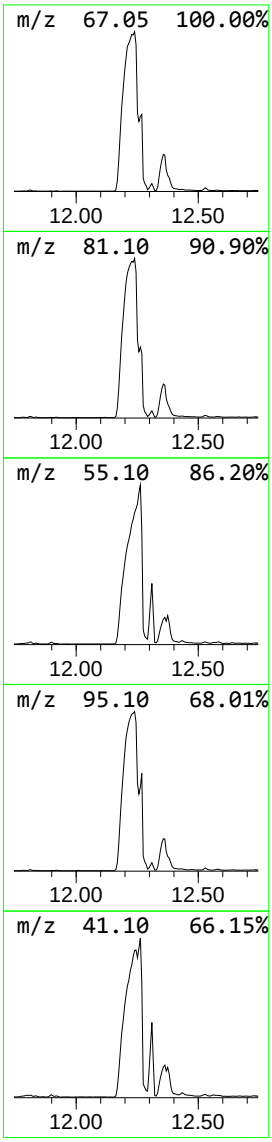
Peak Number 3 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	1905.44 ng	47279700	Phenanthrene-d10	11.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	98
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	97





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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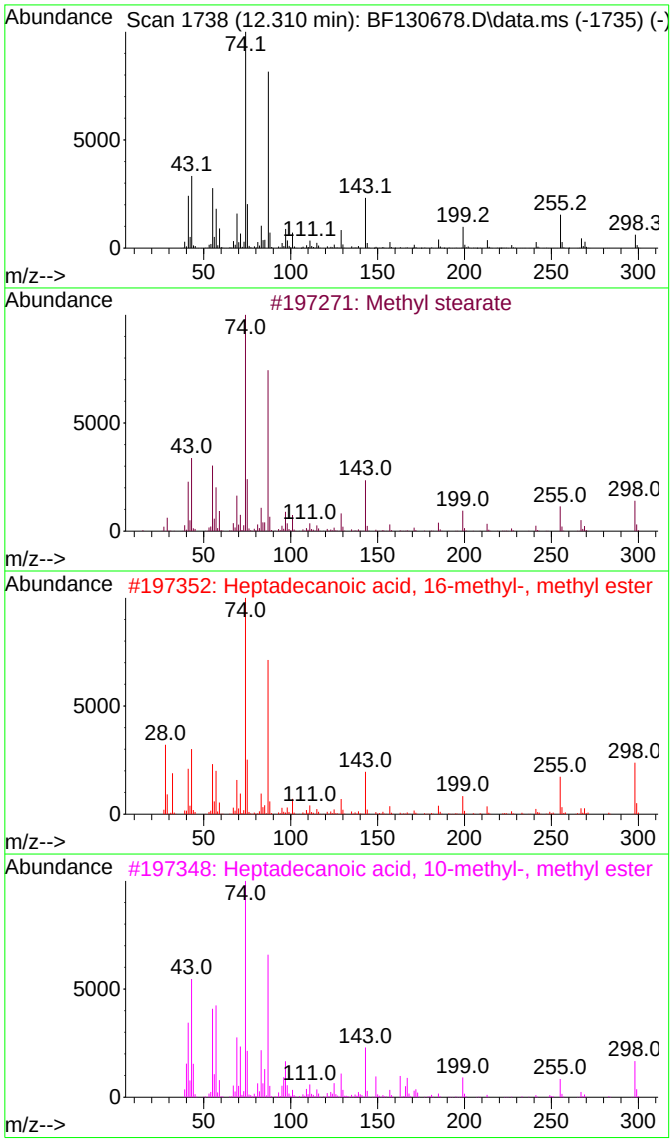
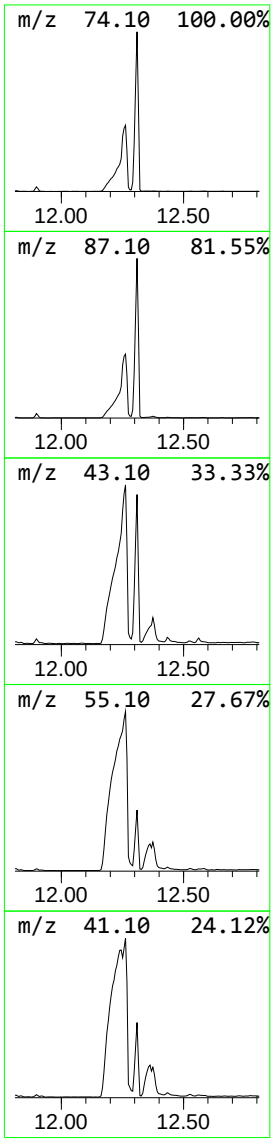
Peak Number 4 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	230.76 ng	5725760	Phenanthrene-d10	11.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	99
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
3	Heptadecanoic acid, 10-methyl-, ...	298	C19H38O2	002490-25-7	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	80





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
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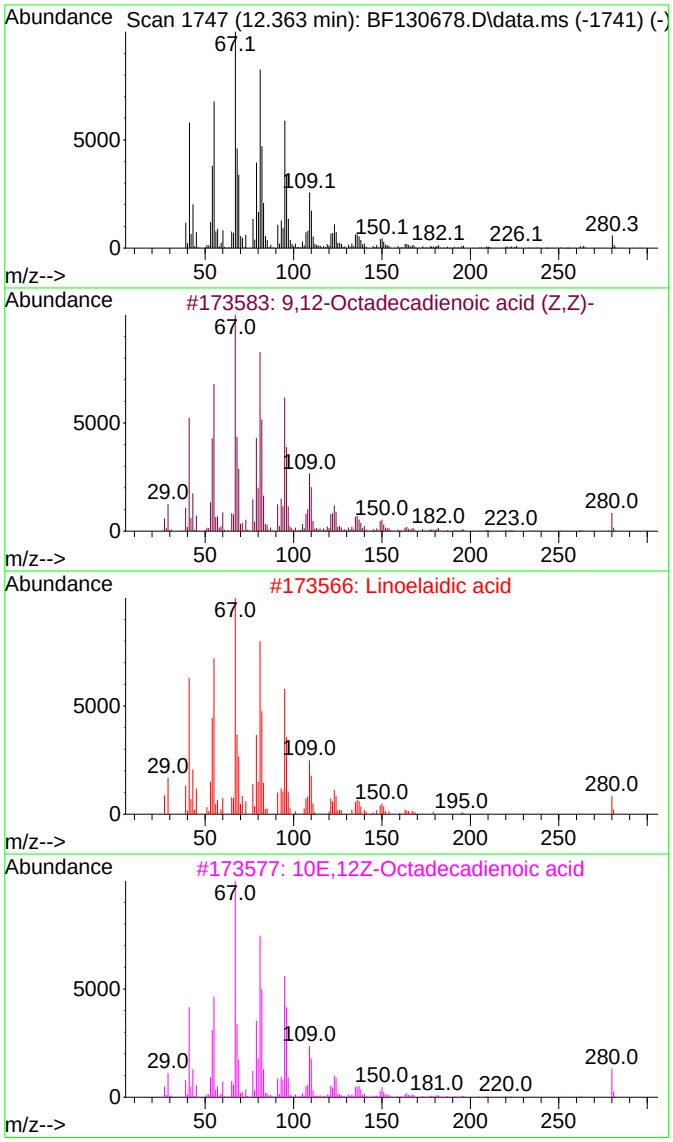
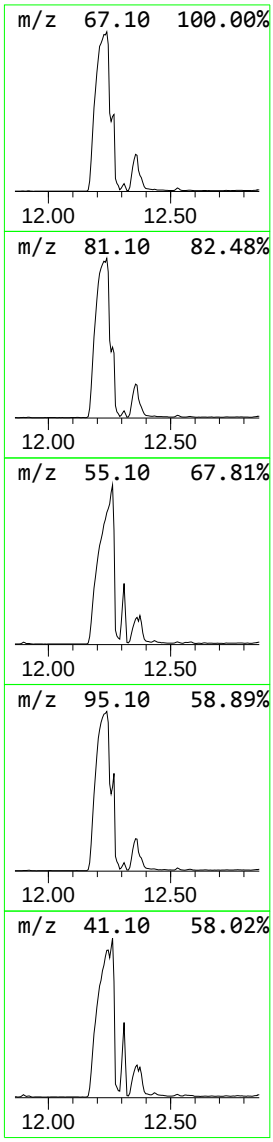
****
Peak Number 5 9,12-Octadecadienoic acid (... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	144.53 ng	3586200	Phenanthrene-d10	11.092

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	99
4	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	99
5	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	86





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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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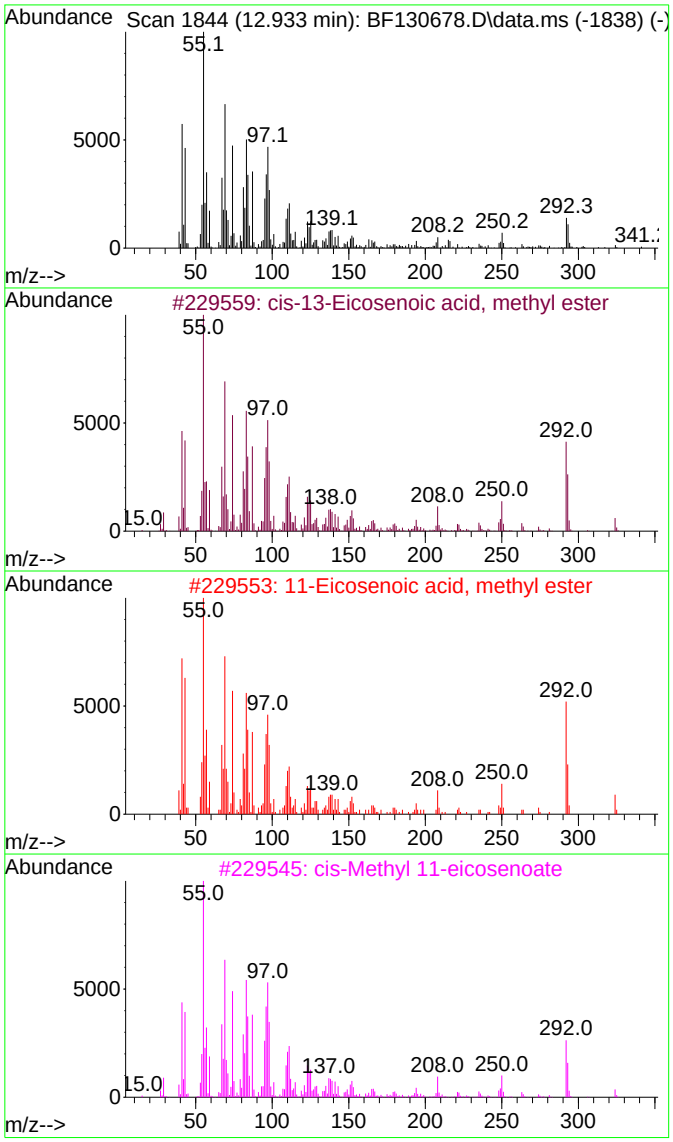
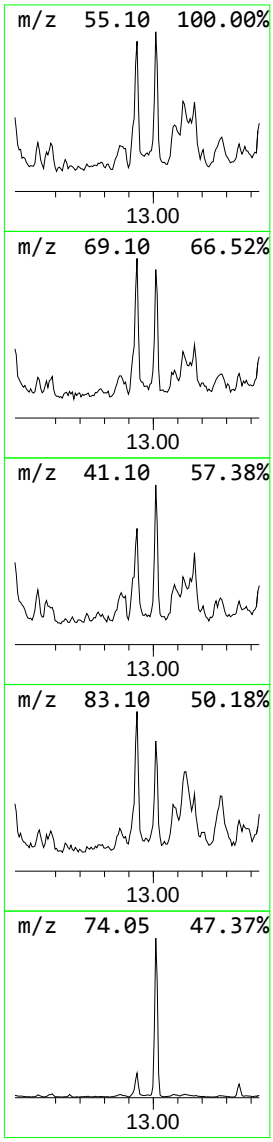
Peak Number 6 cis-13-Eicosenoic acid, met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.933	24.28 ng	620290	Chrysene-d12	13.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	069120-02-1	99
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
3	cis-Methyl 11-eicosenoate	324	C21H40O2	002390-09-2	96
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
5	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

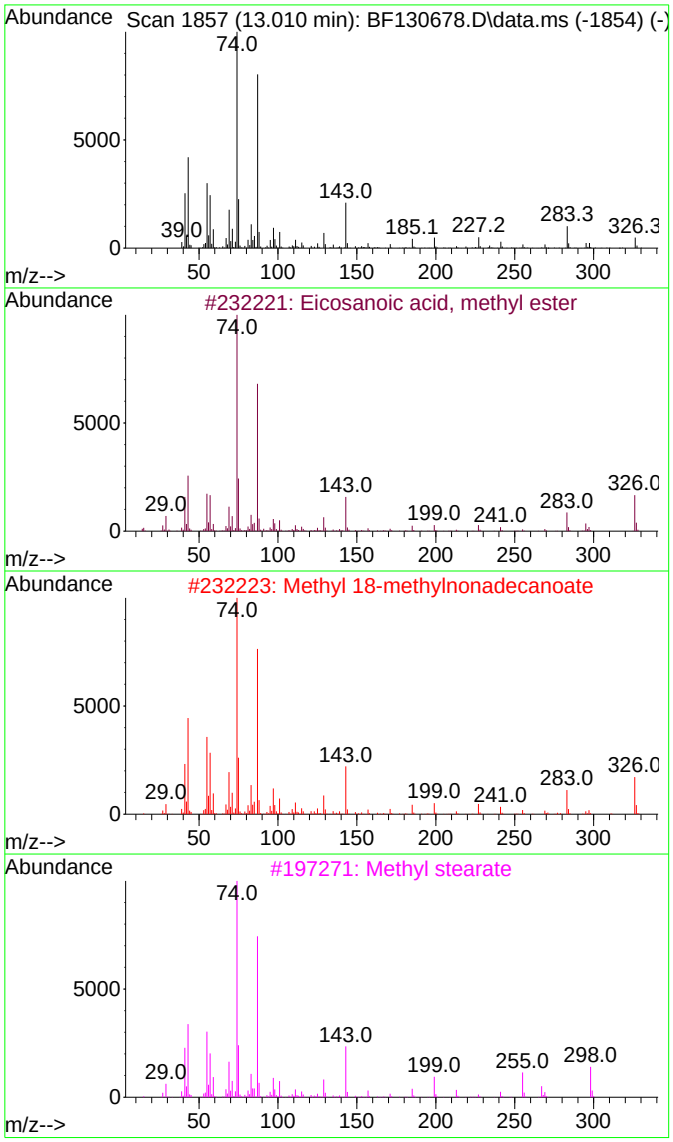
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

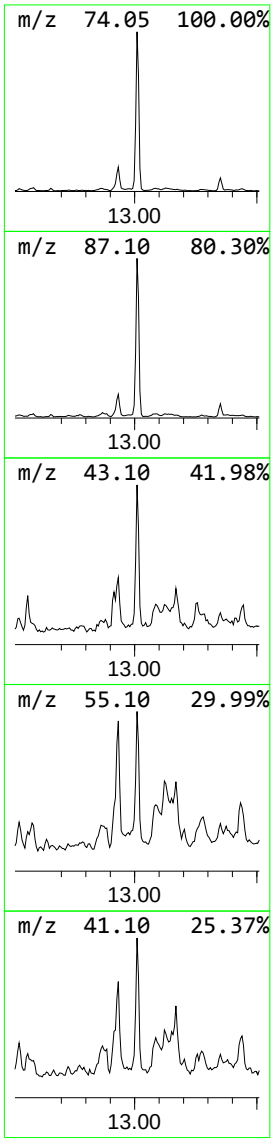
****

Peak Number 7 Eicosanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.010	25.35 ng	647548	Chrysene-d12	13.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	96
3	Methyl stearate	298	C19H38O2	000112-61-8	90
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87





Tentatively Identified Compound (LSC) summary

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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...	11.516	401.8	ng	9969910	4	11.092	496259	20.0
n-Hexadecanoic ...	11.663	37.3	ng	925051	4	11.092	496259	20.0
9,12-Octadecadi...	12.245	1905.4	ng	47279700	4	11.092	496259	20.0
Methyl stearate	12.310	230.8	ng	5725760	4	11.092	496259	20.0
9,12-Octadecadi...	12.363	144.5	ng	3586200	4	11.092	496259	20.0
cis-13-Eicoseno...	12.933	24.3	ng	620290	5	13.727	510969	20.0
Eicosanoic acid...	13.010	25.4	ng	647548	5	13.727	510969	20.0