LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122203.D
Acq On : 31 Oct 2020 3:01
Operator : JU/CG
Sample : L4227-07 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-102820

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122203.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	550	553	578	rBV	550258	985318	6.71%	2.508%
2	6.369	726	728	743	rBV	641509	1030674	7.02%	2.623%
3	6.710	783	786	793	rBV	581235	566527	3.86%	1.442%
4	7.281	880	883	886	rBV	545439	543004	3.70%	1.382%
5	7.992	1002	1004	1010	rVB	717095	611947	4.17%	1.557%
6	9.063	1183	1186	1194	rBV	1121263	977229	6.65%	2.487%
7	9.463	1248	1254	1261	rVB3	166550	266455	1.81%	0.678%
8	9.745	1298	1302	1306	rVV	679132	608231	4.14%	1.548%
9	10.539	1434	1437	1446	rBV	438574	474261	3.23%	1.207%
10	10.651	1451	1456	1459	rBV2	125168	196013	1.33%	0.499%
11	11.233	1551	1555	1566	rBV	608558	585630	3.99%	1.490%
12	11.627	1616	1622	1625	rBV	5042669	4819459	32.81%	12.265%
13	12.333	1732	1742	1743	rBV	6608905	14690430	100.00%	37.387%
14	12.351	1743	1745	1749	rVV2	6664326	7448726	50.70%	18.957%
15	12.386	1749	1751	1753	rVV	244741	196055	1.33%	0.499%
16	12.416	1753	1756	1759	rVB	2740790	2208928	15.04%	5.622%
17	12.645	1792	1795	1799	rVB	179200	173211	1.18%	0.441%
18	12.816	1821	1824	1828	rVB	982746	804707	5.48%	2.048%
19	13.057	1859	1865	1872	rVB2	166033	261764	1.78%	0.666%
20	13.133	1875	1878	1882	rBV	255337	212474	1.45%	0.541%
21	13.727	1973	1979	1987	rVB3	84633	197932	1.35%	0.504%
22	13.804	1988	1992	1996	rBV	259437	249196	1.70%	0.634%
23	13.880	2001	2005	2012	rBV	672181	660380	4.50%	1.681%
24	15.315	2246	2249	2260	rVB	384291	524811	3.57%	1.336%

Sum of corrected areas: 39293362

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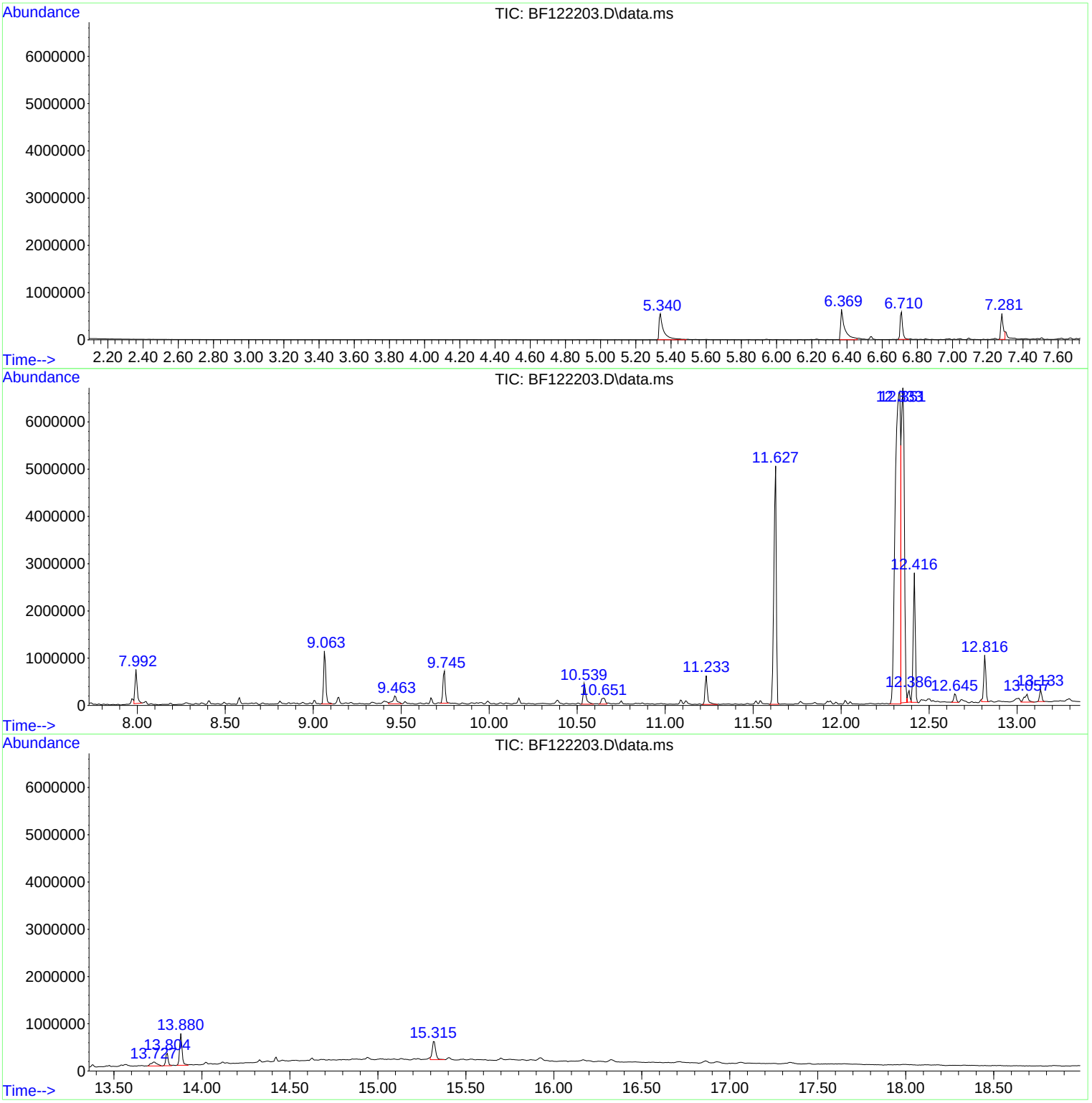
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-102820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BF122203.D
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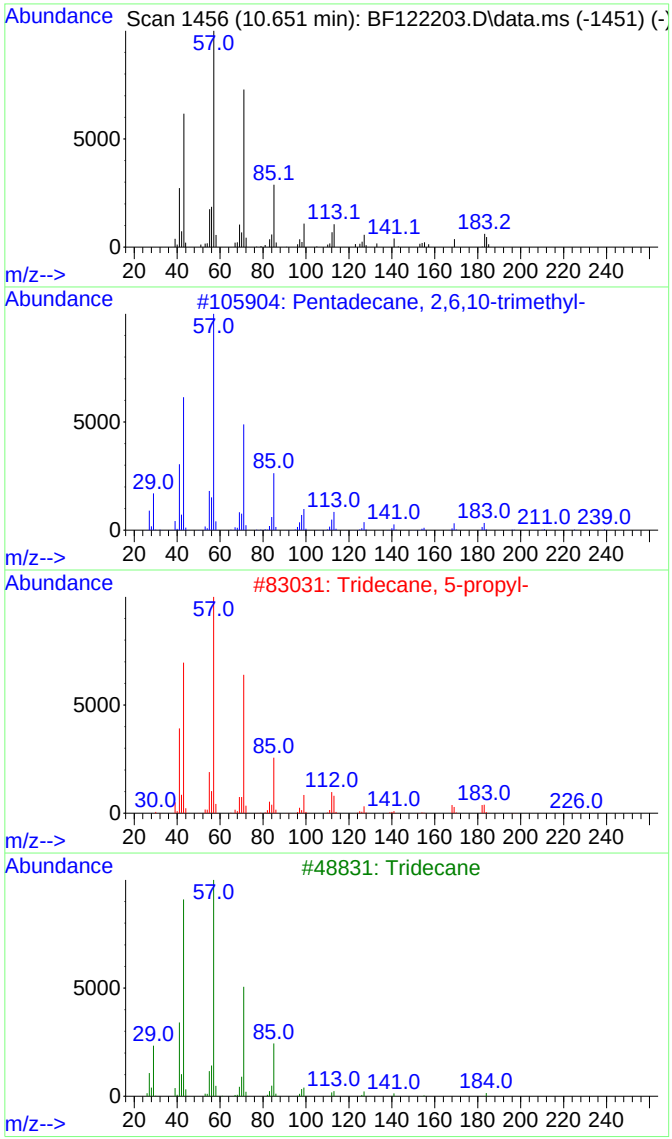
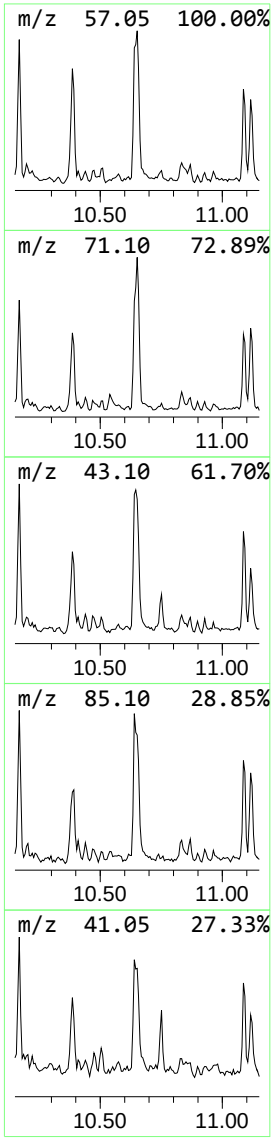
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	6.69 ng	196013	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Tridecane	184	C13H28	000629-50-5	83
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72





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Instrument : BNA_F
ClientSampleId : BU-02-102820

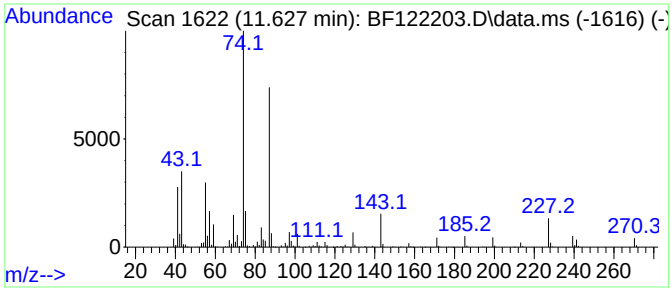
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

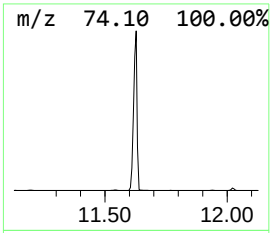
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

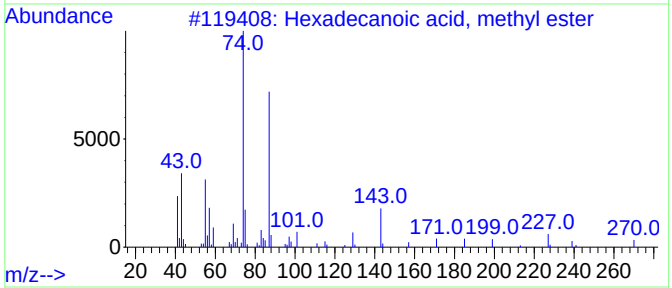
****
Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 3

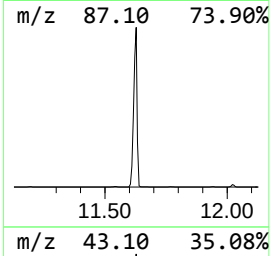
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.627	164.59 ng	4819460	Phenanthrene-d10	11.233

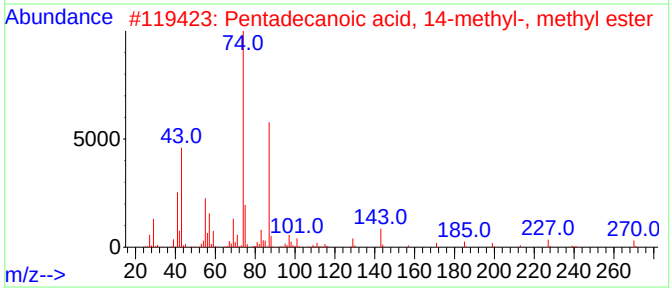
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	87

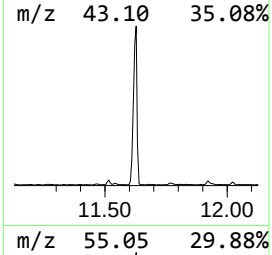


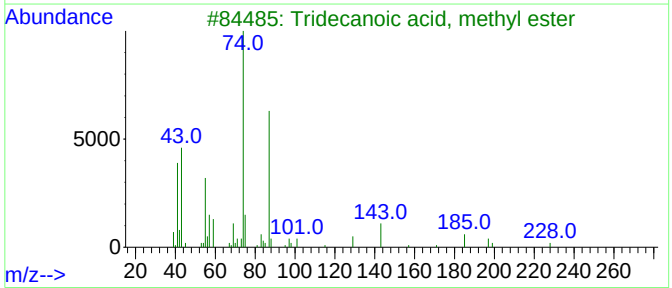


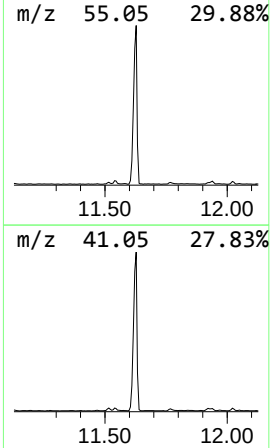












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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-102820

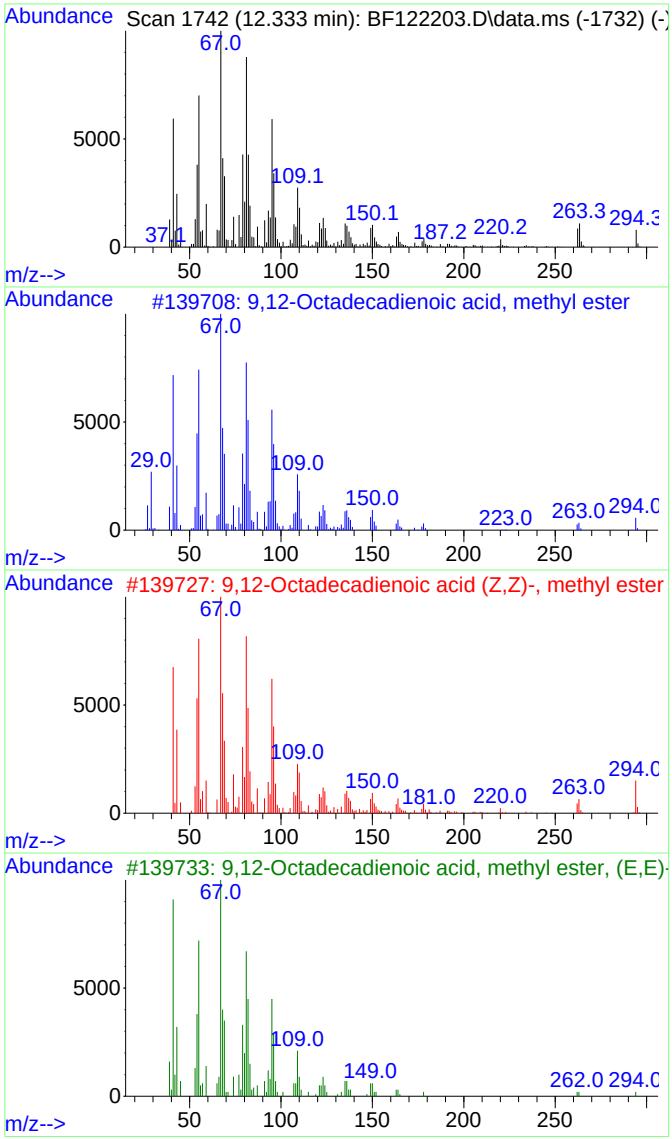
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

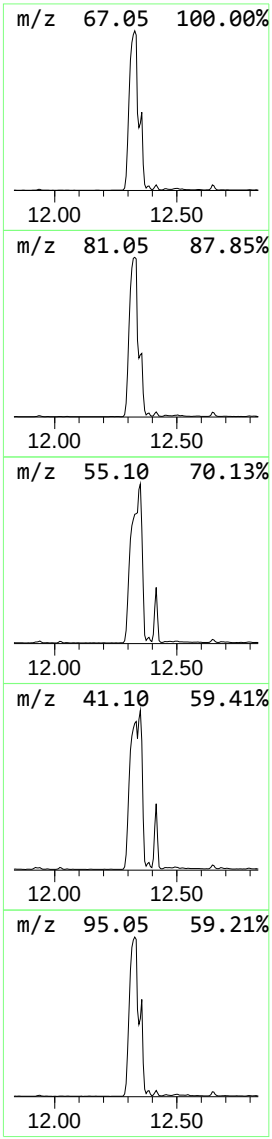
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	501.70 ng	14690400	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





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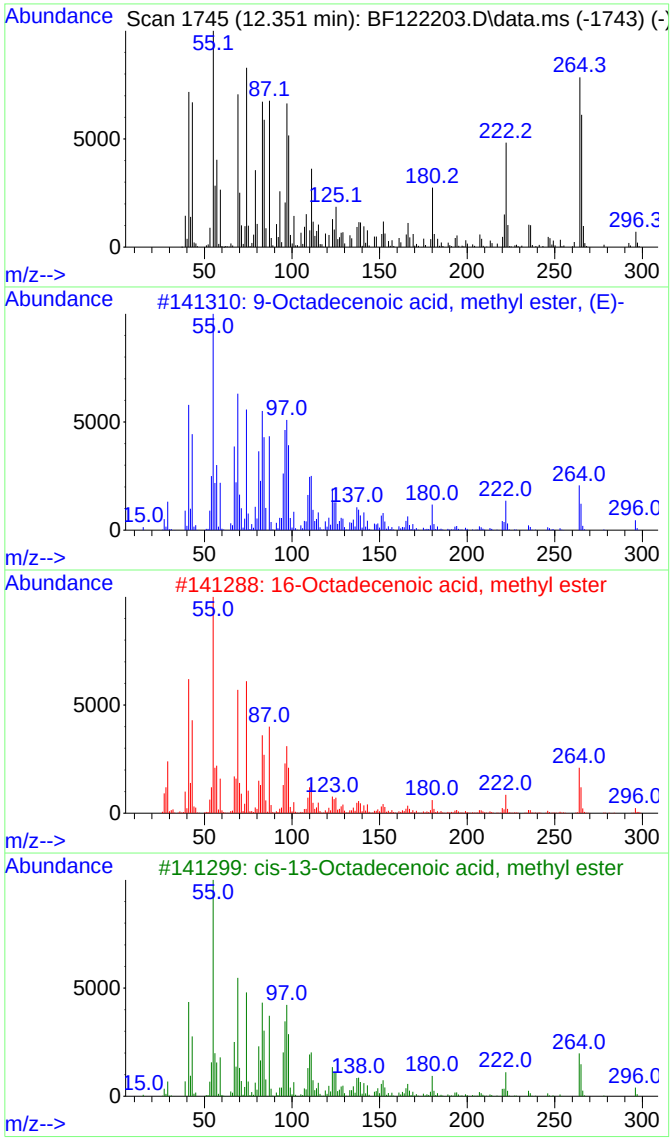
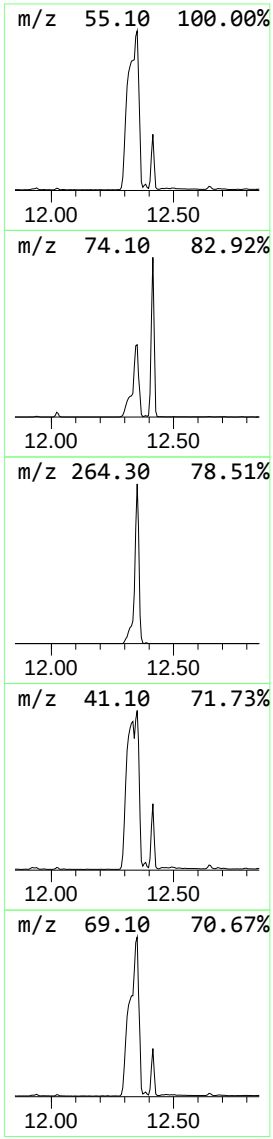
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.351	254.38 ng	7448730	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	90
3	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	86
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	86
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122203.D
Acq On : 31 Oct 2020 3:01
Operator : JU/CG
Sample : L4227-07 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-102820

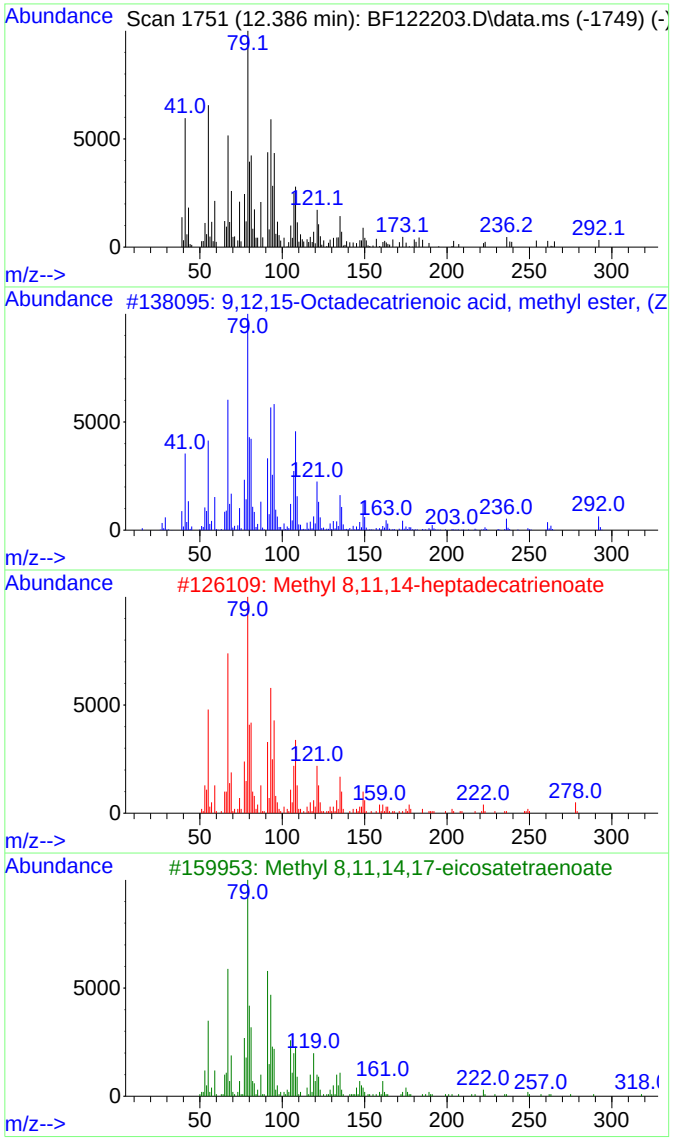
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

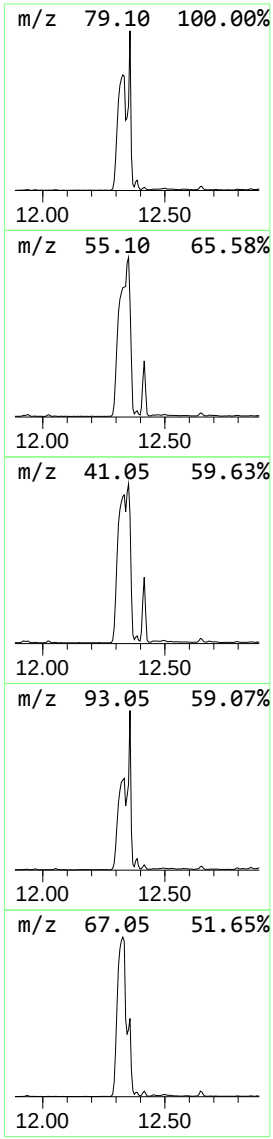
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9,12,15-Octadecatrienoic ac... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	6.70 ng	196055	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	96
2	Methyl 8,11,14-heptadecatrienoate	278	C18H30O2	1000336-35-1	87
3	Methyl 8,11,14,17-eicosatetraenoate	318	C21H34O2	1000336-47-0	80
4	3-Dodecen-1-yne, (Z)-	164	C12H20	025091-24-1	76
5	9,12,15-Octadecatrienoic acid, (...	278	C18H30O2	000463-40-1	68





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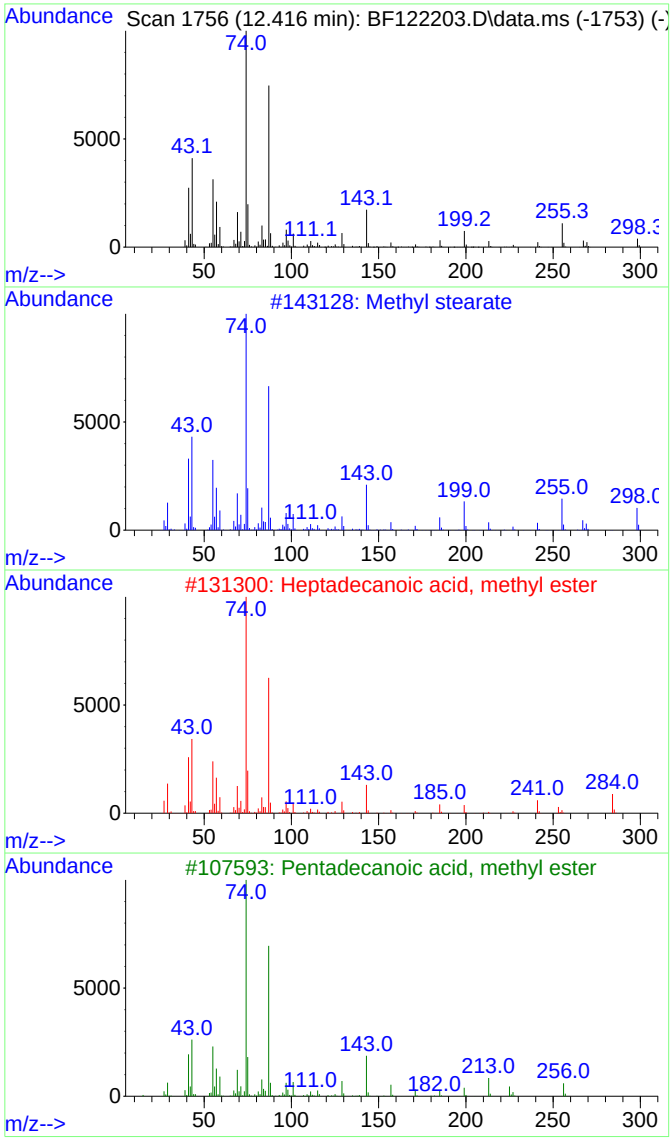
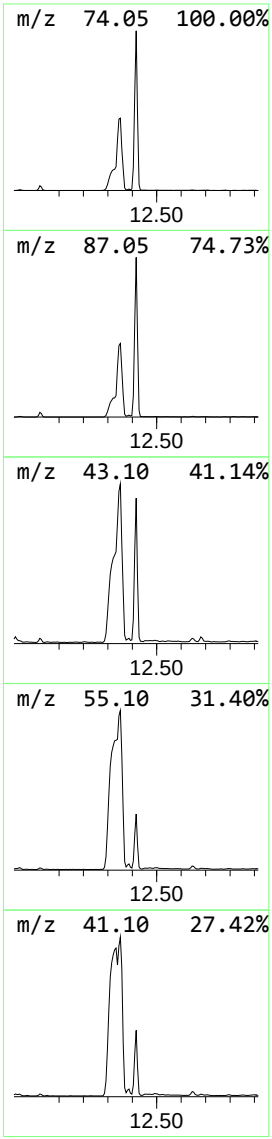
****

Peak Number 6 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	75.44 ng	2208930	Phenanthrene-d10	11.233

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	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87





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TIC Library : C:\DATABASE\NIST11.L
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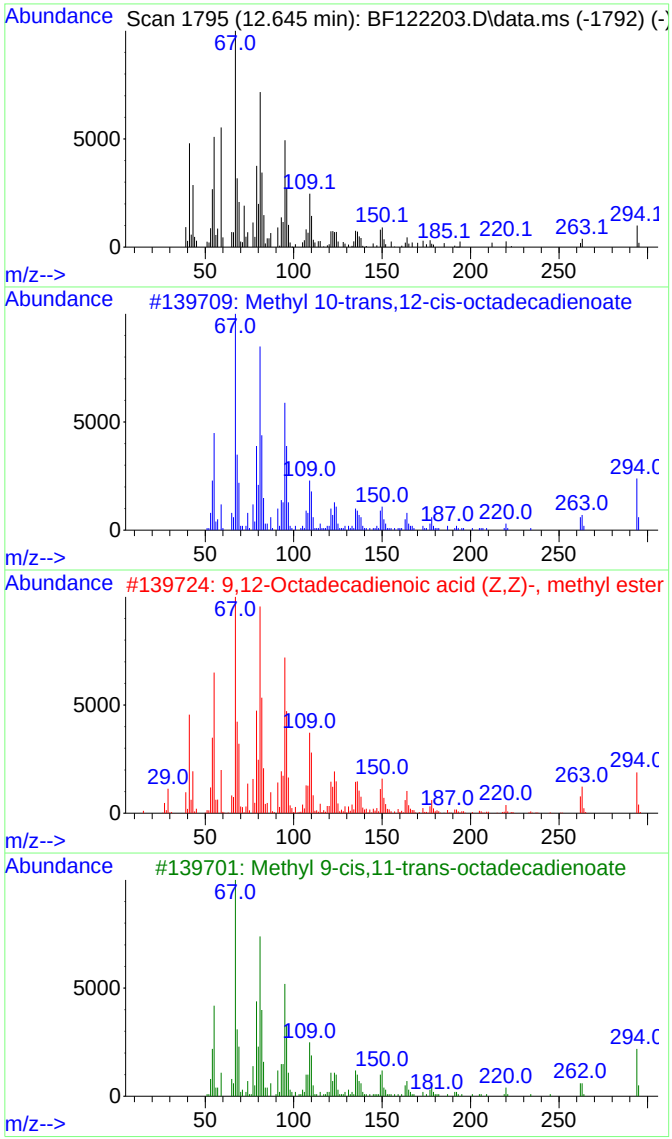
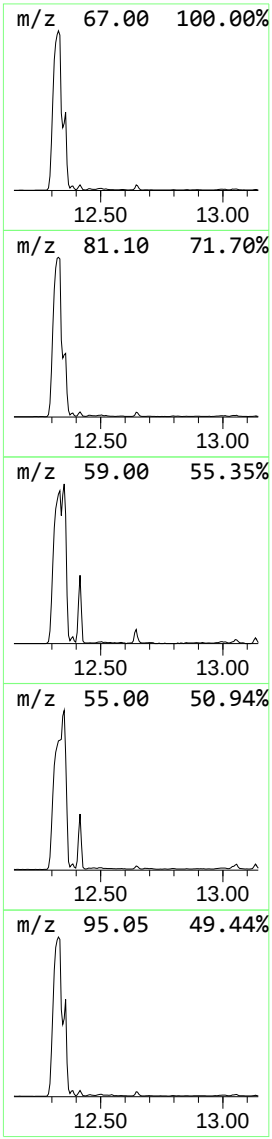
****
Peak Number 7 Methyl 10-trans,12-cis-octa... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	5.25 ng	173211	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	97
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	95
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	95
5	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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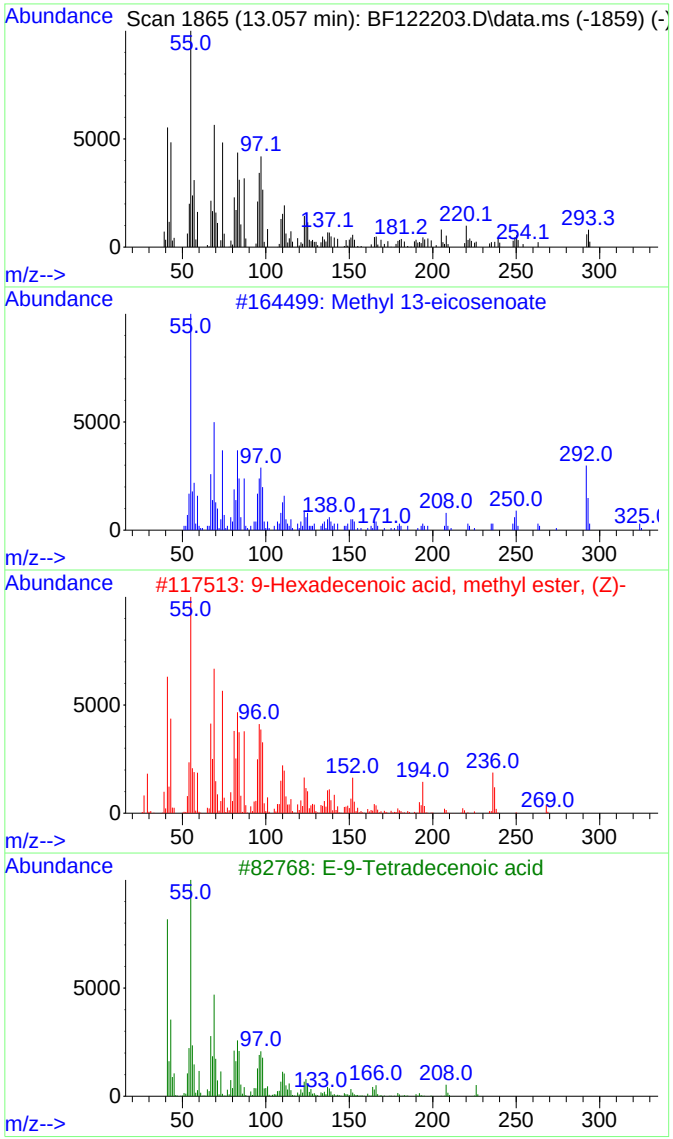
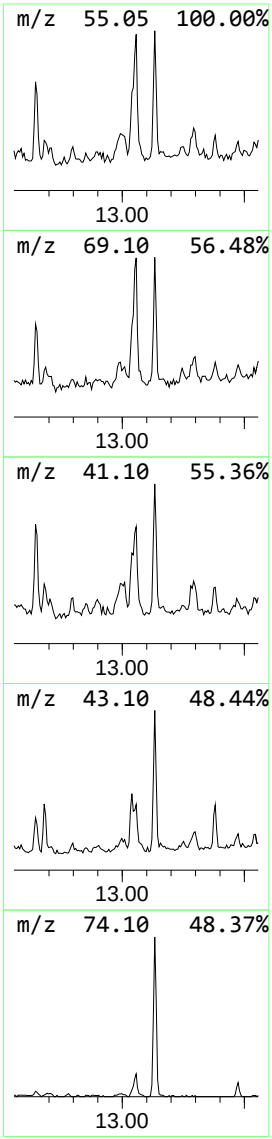
****

Peak Number 8 Methyl 13-eicosenoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	7.93 ng	261764	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	91
2	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	90
3	E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	86
4	Z-11-Pentadecenol	226	C15H30O	1000130-77-0	86
5	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	81





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ClientSampleId : BU-02-102820

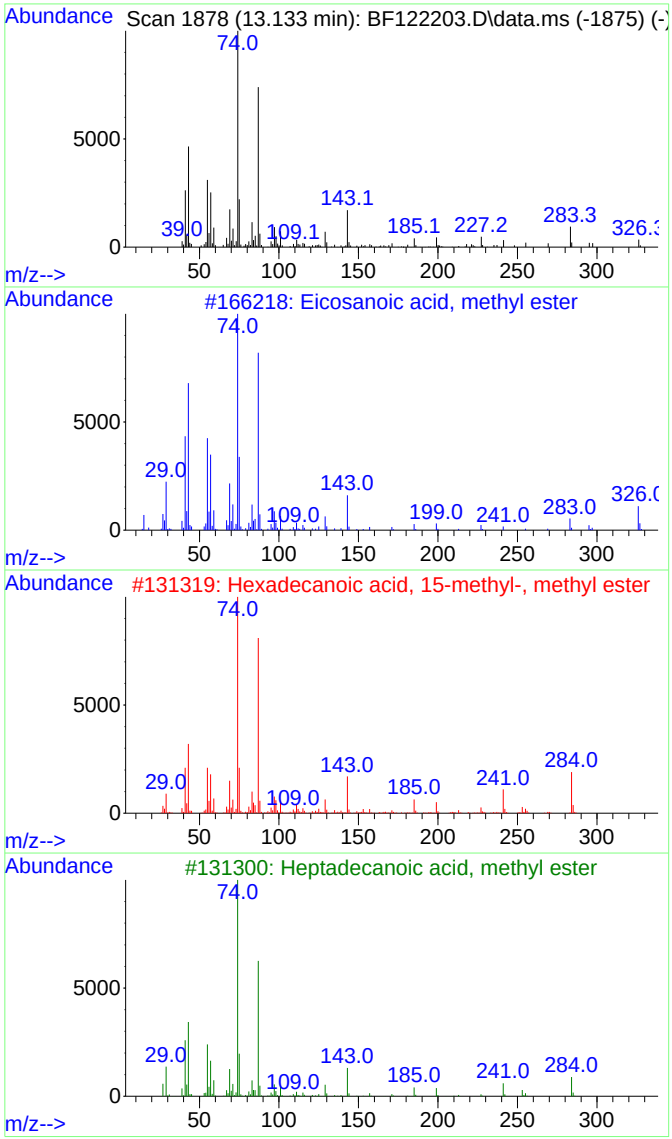
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

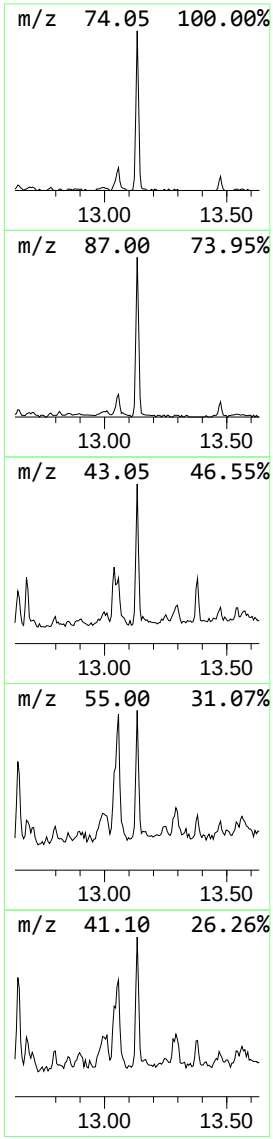
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Eicosanoic acid, methyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	6.43 ng	212474	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
4	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	91
5	Methyl stearate	298	C19H38O2	000112-61-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122203.D
Acq On : 31 Oct 2020 3:01
Operator : JU/CG
Sample : L4227-07 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-102820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

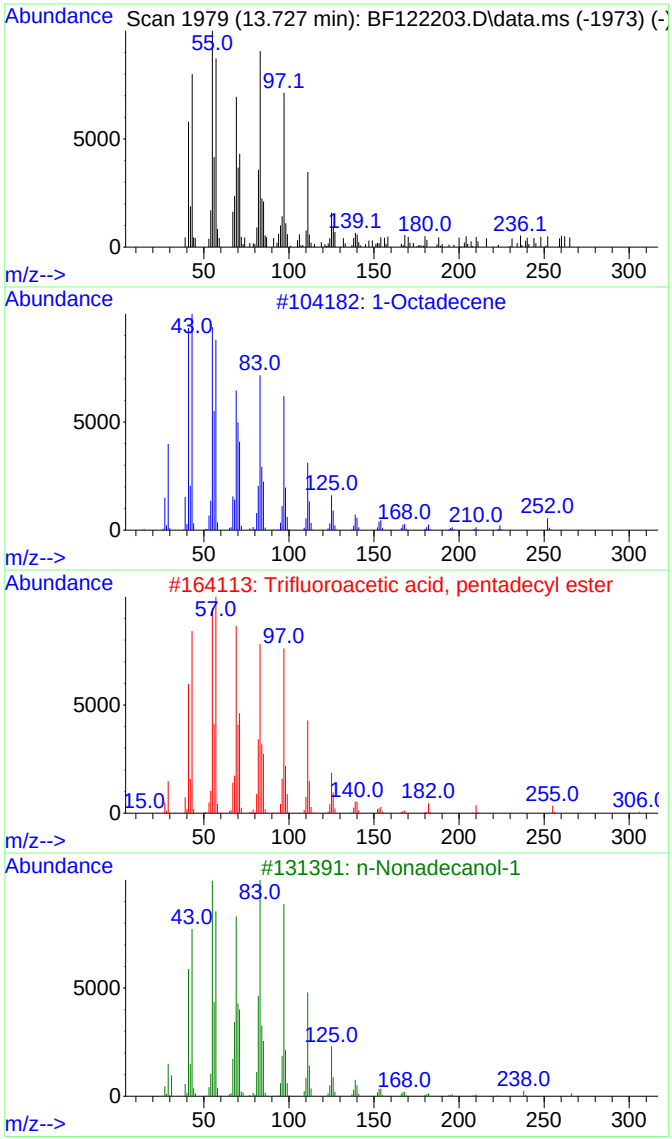
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

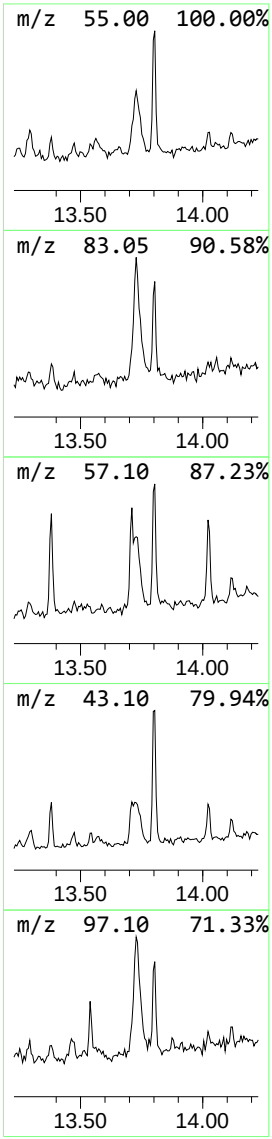
****

Peak Number 10 1-Octadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.727	5.99 ng	197932	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	90
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	83
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	83
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122203.D
Acq On : 31 Oct 2020 3:01
Operator : JU/CG
Sample : L4227-07 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-102820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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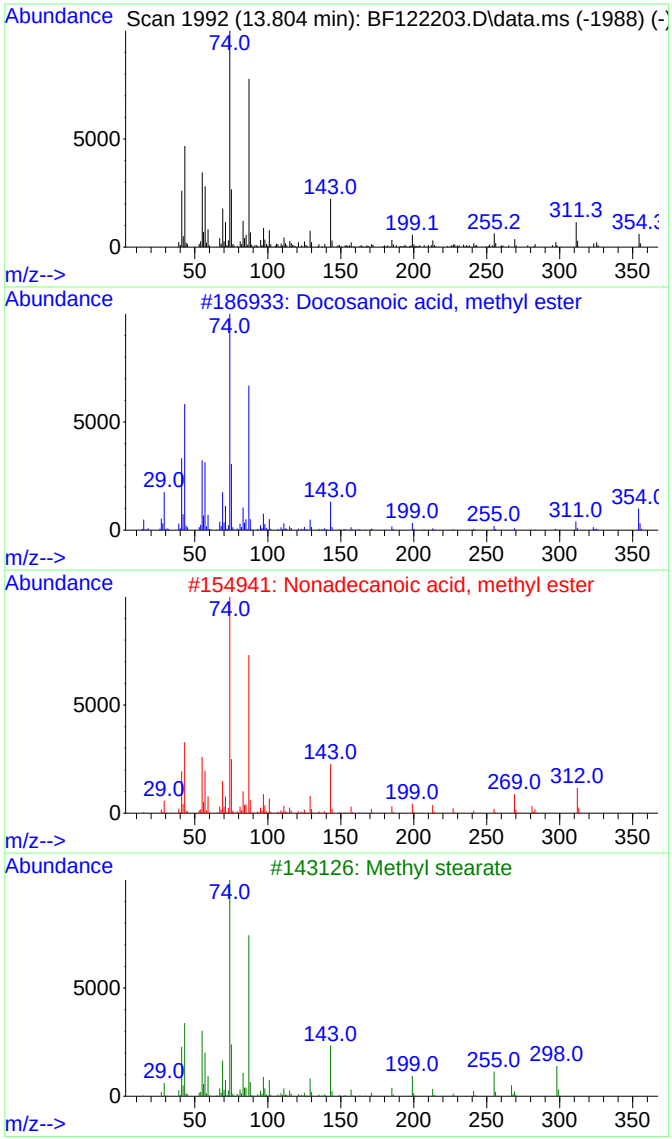
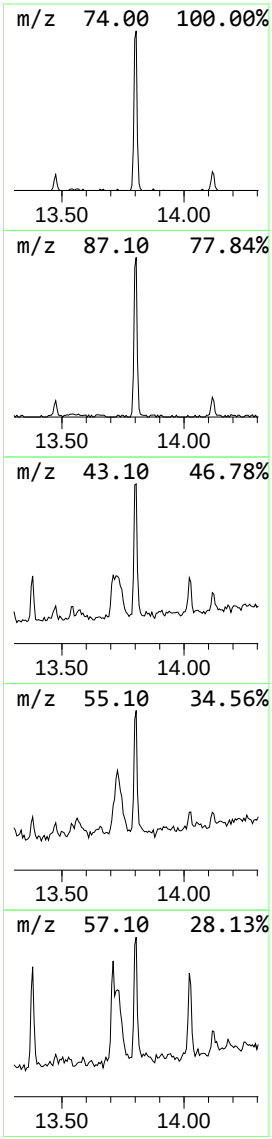
Peak Number 11 Docosanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	7.55 ng	249196	Chrysene-d12	13.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	96
3	Methyl stearate	298	C19H38O2	000112-61-8	96
4	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	95
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
Data File : BF122203.D
Acq On : 31 Oct 2020 3:01
Operator : JU/CG
Sample : L4227-07 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-02-102820

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentadecane, 2,...	10.651	6.7	ng	196013	4	11.233	585630	20.0
Hexadecanoic ac...	11.627	164.6	ng	4819460	4	11.233	585630	20.0
9,12-Octadecadi...	12.333	501.7	ng	14690400	4	11.233	585630	20.0
9-Octadecenoic ...	12.351	254.4	ng	7448730	4	11.233	585630	20.0
9,12,15-Octadec...	12.386	6.7	ng	196055	4	11.233	585630	20.0
Methyl stearate	12.416	75.4	ng	2208930	4	11.233	585630	20.0
Methyl 10-trans...	12.645	5.3	ng	173211	5	13.880	660380	20.0
Methyl 13-eicos...	13.057	7.9	ng	261764	5	13.880	660380	20.0
Eicosanoic acid...	13.133	6.4	ng	212474	5	13.880	660380	20.0
1-Octadecene	13.727	6.0	ng	197932	5	13.880	660380	20.0
Docosanoic acid...	13.804	7.5	ng	249196	5	13.880	660380	20.0