LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101246.D
Acq On : 8 Dec 2017 19:58
Operator : SJ/JU
Sample : I6686-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120617

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:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	566	569	584	rBV	472561	480425	2.21%	1.264%
2	6.457	739	743	752	rBV	548756	498451	2.30%	1.311%
3	6.592	763	766	770	rBV	635659	511483	2.36%	1.346%
4	6.822	802	805	809	rVB	298842	271707	1.25%	0.715%
5	6.981	827	832	838	rVB	457139	374424	1.72%	0.985%
6	7.386	898	901	904	rBV	337695	288857	1.33%	0.760%
7	8.110	1021	1024	1027	rVB	364783	309780	1.43%	0.815%
8	9.180	1203	1206	1209	rBV	681786	484006	2.23%	1.273%
9	9.863	1319	1322	1325	rVB	372072	300739	1.39%	0.791%
10	10.651	1453	1456	1460	rBV	262793	234425	1.08%	0.617%
11	10.863	1489	1492	1496	rVB	429648	338366	1.56%	0.890%
12	11.351	1572	1575	1578	rBV	300482	264539	1.22%	0.696%
13	11.663	1621	1628	1631	rBV	702637	659994	3.04%	1.736%
14	11.757	1637	1644	1647	rBV	4744386	6075877	27.99%	15.984%
15	12.492	1750	1769	1772	rBV2	6085024	21706223	100.00%	57.103%
16	12.515	1772	1773	1775	rVV	432857	254856	1.17%	0.670%
17	12.545	1775	1778	1781	rVB	3092941	3035886	13.99%	7.986%
18	12.945	1842	1846	1849	rBV	463724	378280	1.74%	0.995%
19	13.127	1868	1877	1880	rBV5	111209	230426	1.06%	0.606%
20	13.174	1880	1885	1892	rVB2	352044	506944	2.34%	1.334%
21	13.257	1895	1899	1904	rBV	265408	250587	1.15%	0.659%
22	14.004	2022	2026	2029	rBV	313150	299660	1.38%	0.788%
23	15.474	2271	2276	2280	rBV	196691	256797	1.18%	0.676%

Sum of corrected areas: 38012732

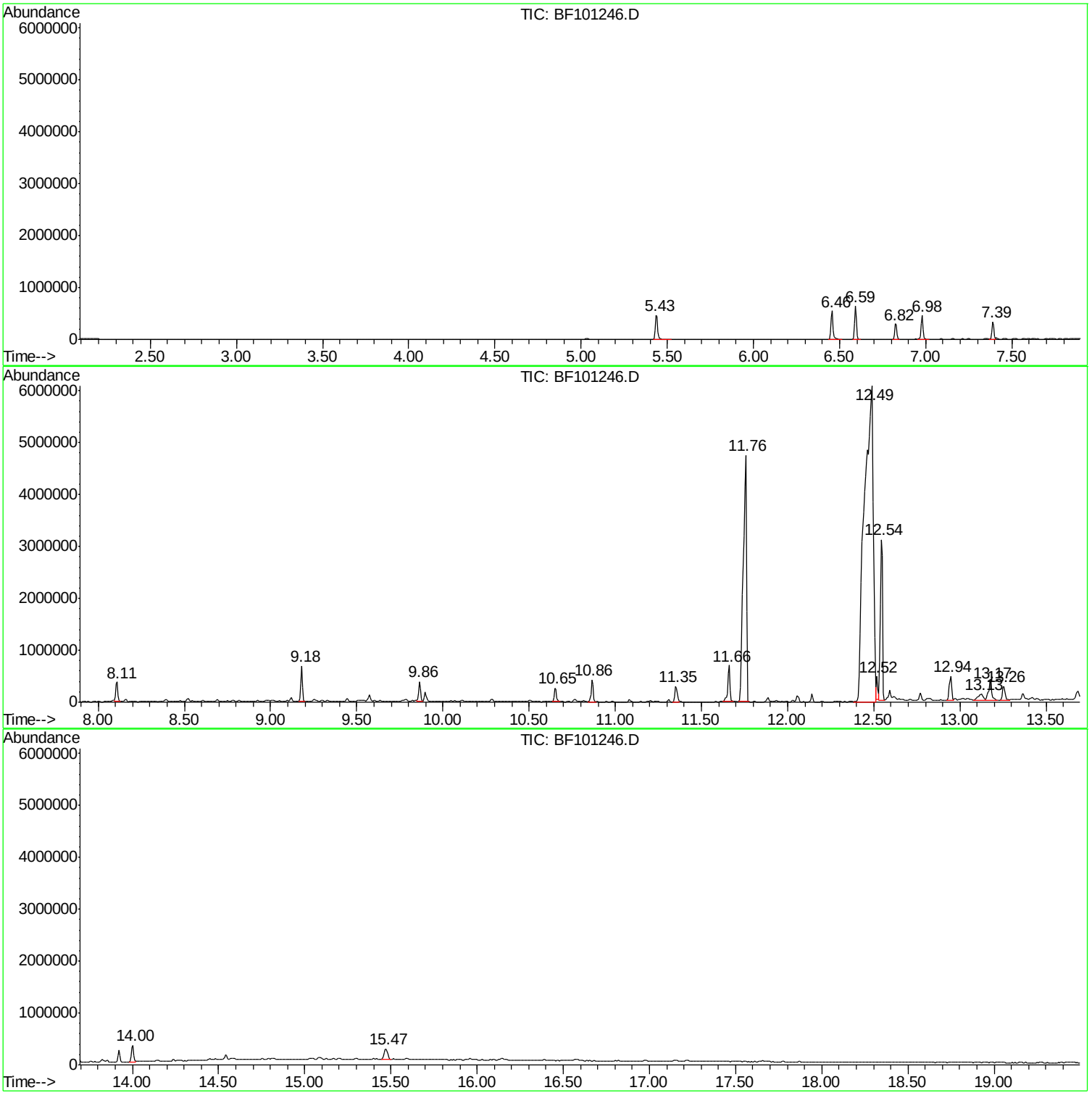
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101246.D
Acq On : 8 Dec 2017 19:58
Operator : SJ/JU
Sample : I6686-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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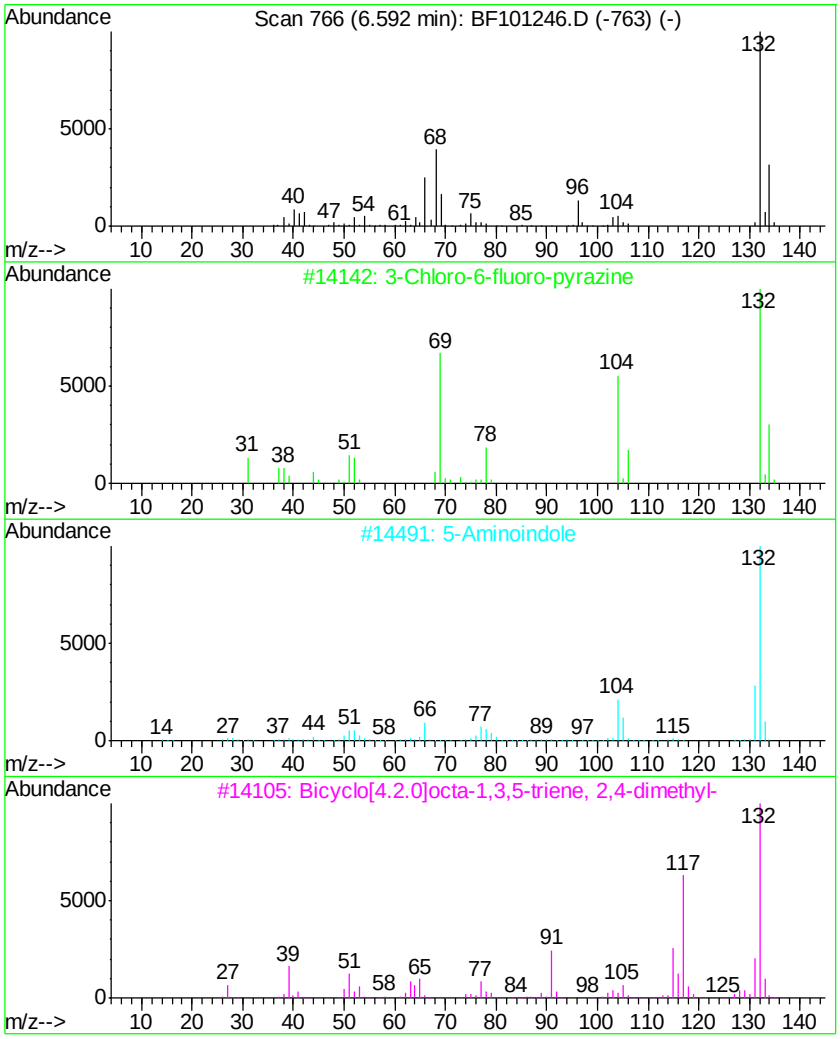
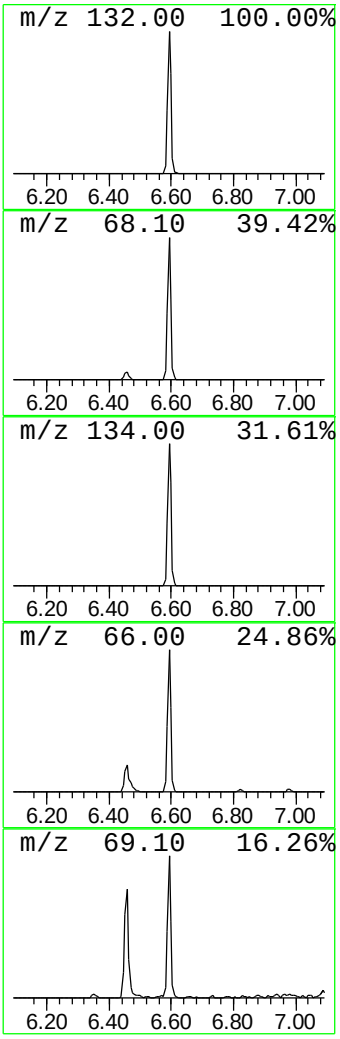
Peak Number 1 unknown6.59 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	37.65 ng	511483	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Data File : BF101246.D
Acq On : 8 Dec 2017 19:58
Operator : SJ/JU
Sample : I6686-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

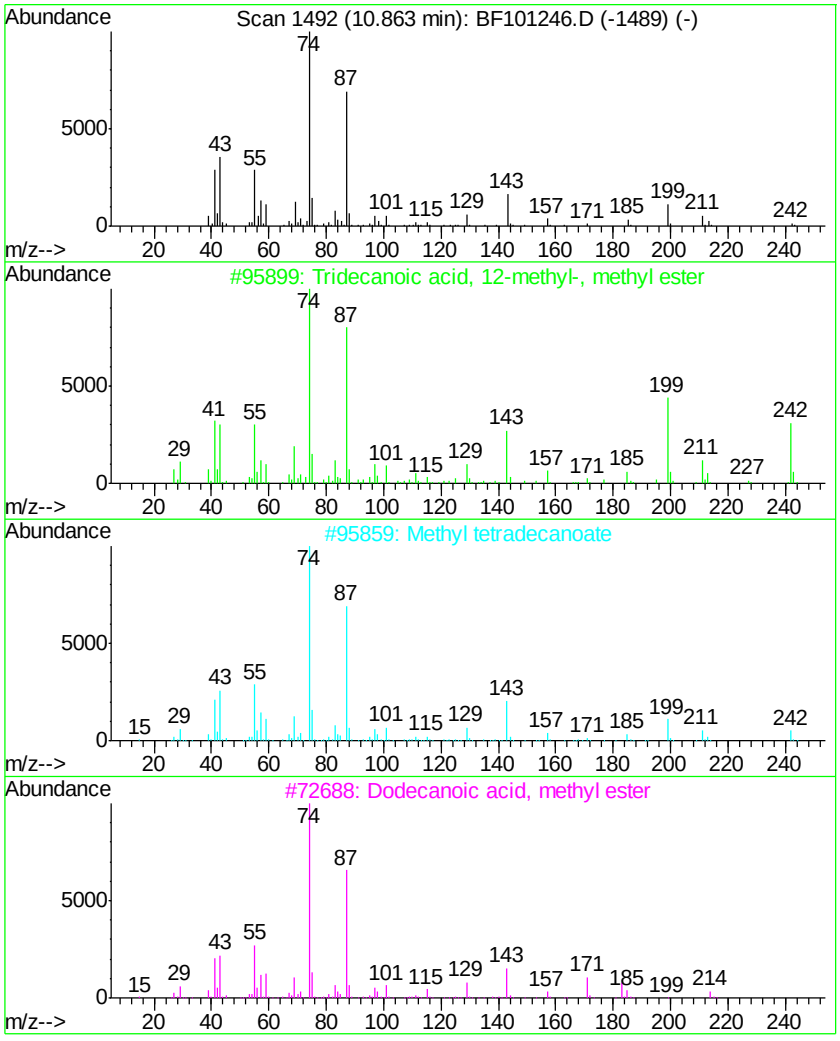
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

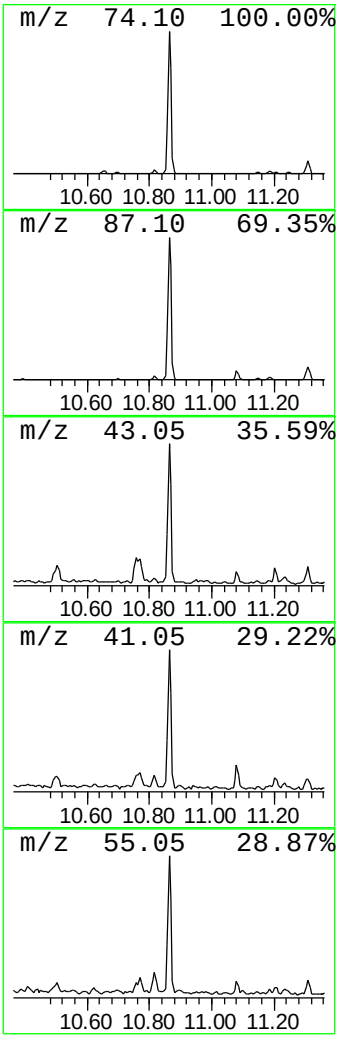
****

Peak Number 3 Tridecanoic acid, 12-methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	25.58 ng	338366	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	93
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	86
5	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101246.D
Acq On : 8 Dec 2017 19:58
Operator : SJ/JU
Sample : I6686-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

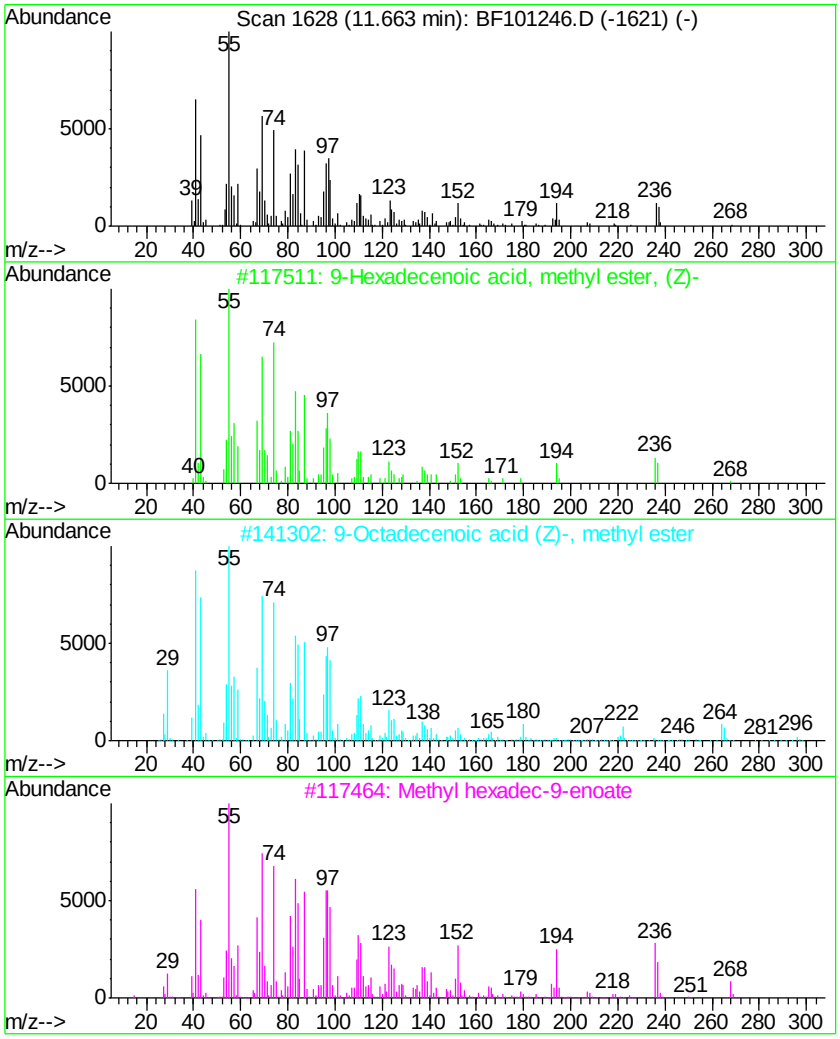
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

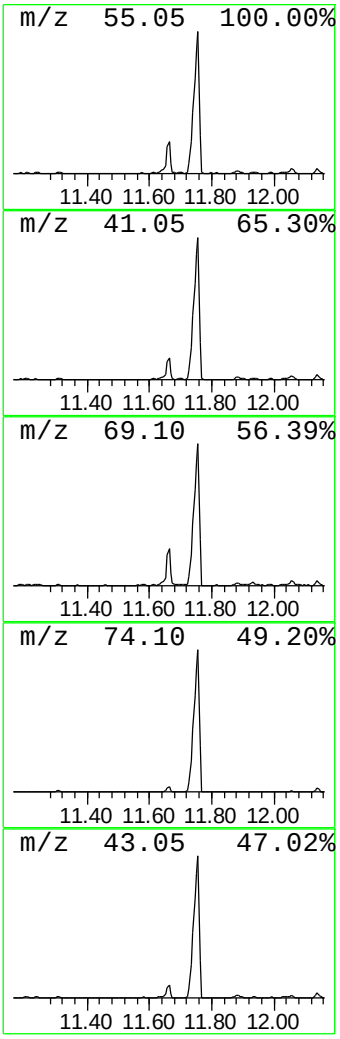
****

Peak Number 4 9-Hexadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	49.90 ng	659994	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
4	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	90
5	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101246.D
Acq On : 8 Dec 2017 19:58
Operator : SJ/JU
Sample : I6686-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120617

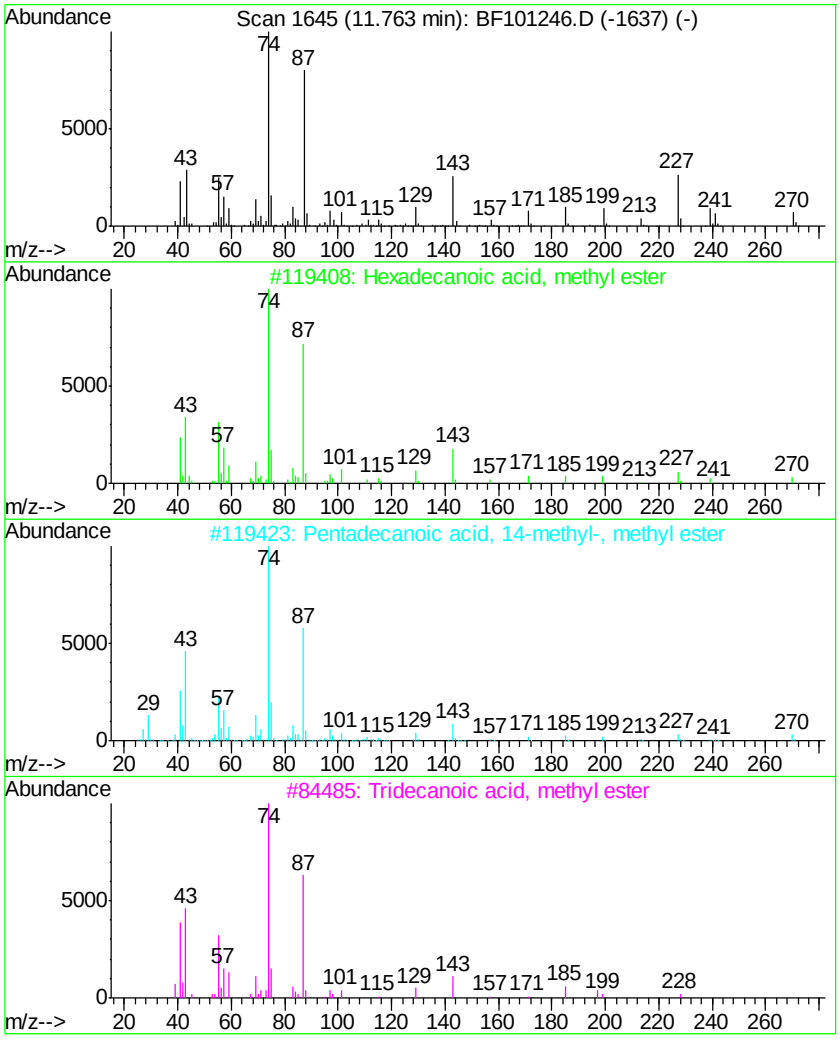
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

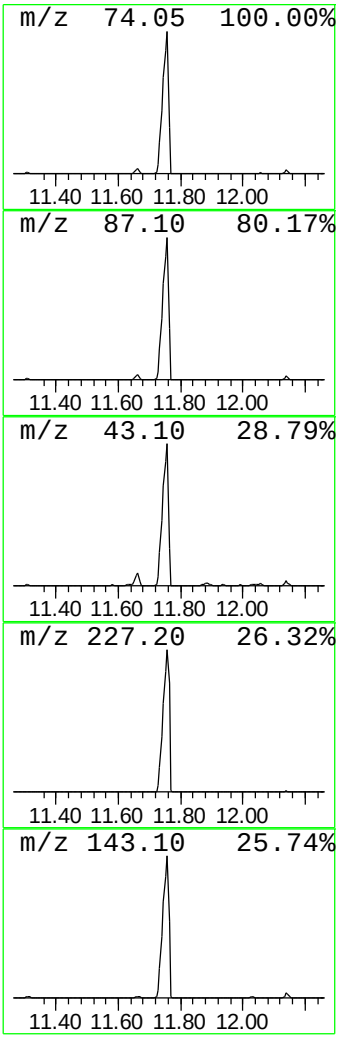
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	459.36 ng	6075880	Phenanthrene-d10	11.35

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	91
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101246.D
Acq On : 8 Dec 2017 19:58
Operator : SJ/JU
Sample : I6686-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

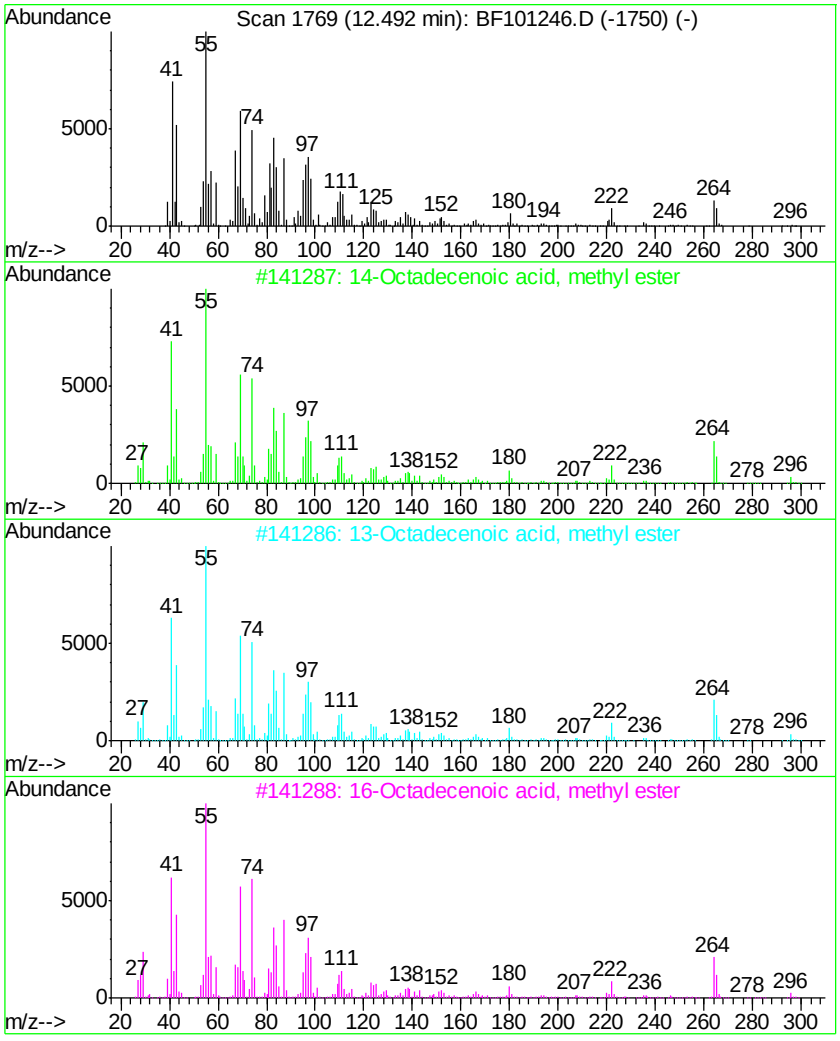
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

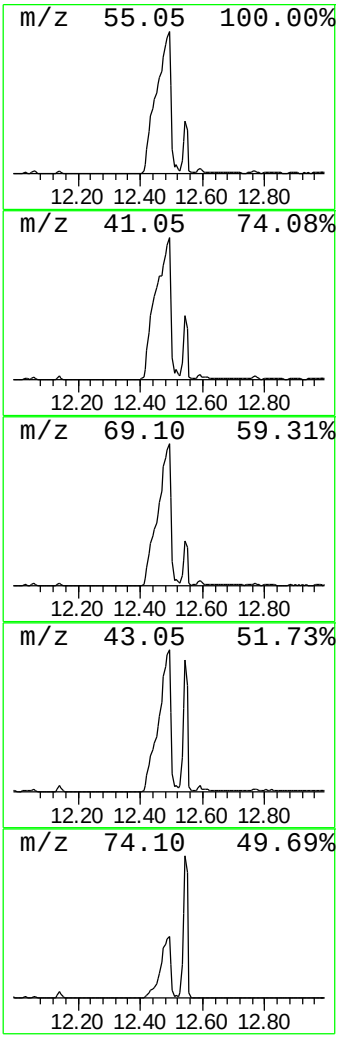
****

Peak Number 6 14-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	1641.06 ng	21706200	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	97
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	96
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101246.D
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Operator : SJ/JU
Sample : I6686-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

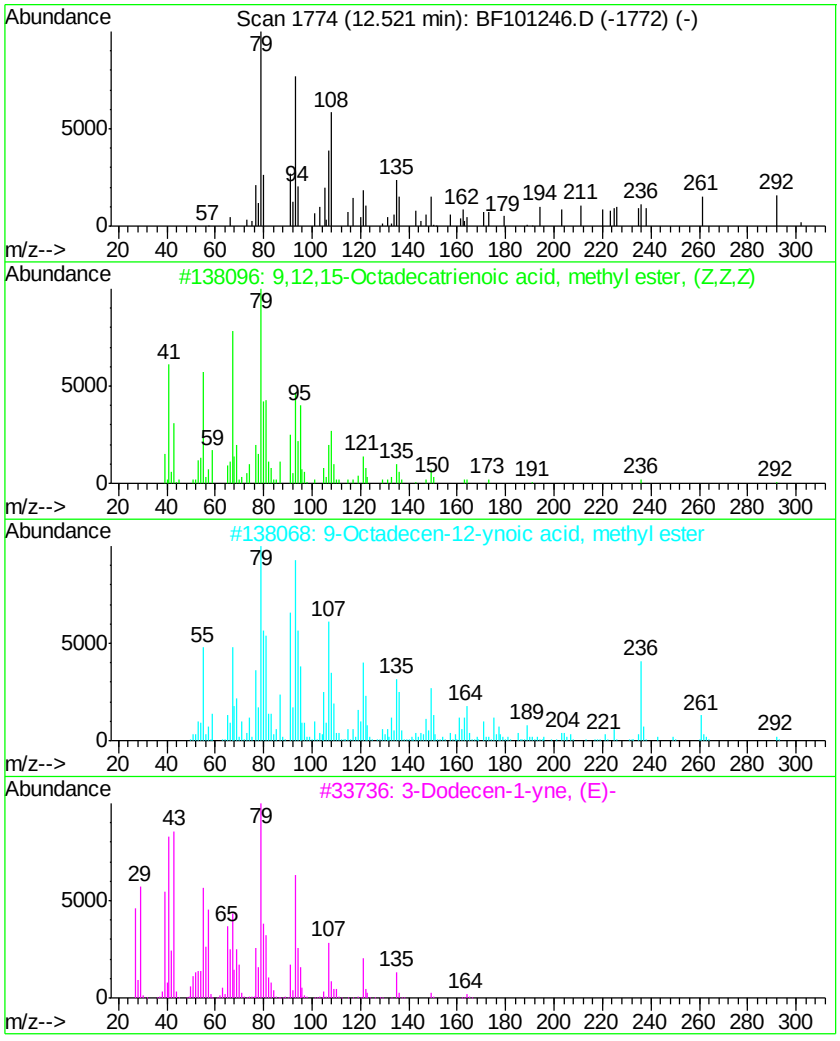
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

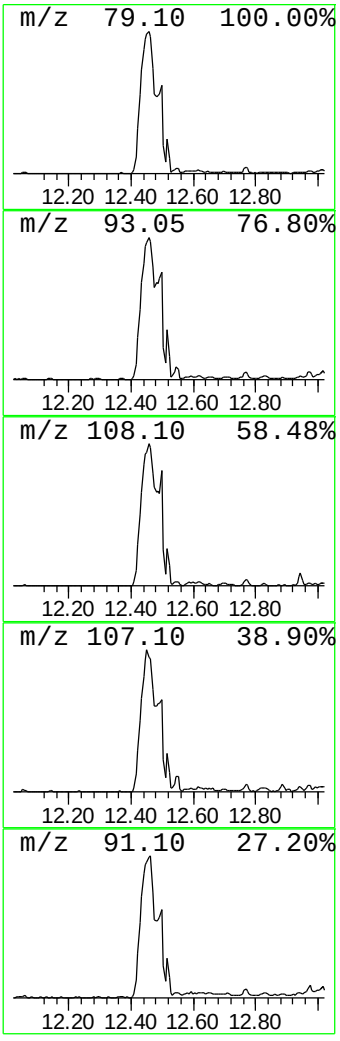
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	19.27 ng	254856	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	91
2	9-Octadecen-12-ynoic acid, methy...	292	C19H32O2	056847-05-3	81
3	3-Dodecen-1-yne, (E)-	164	C12H20	025091-25-2	76
4	9,12,15-Octadecatrien-1-ol, (Z,Z...	264	C18H32O	000506-44-5	72
5	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	62





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Data File : BF101246.D
Acq On : 8 Dec 2017 19:58
Operator : SJ/JU
Sample : I6686-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

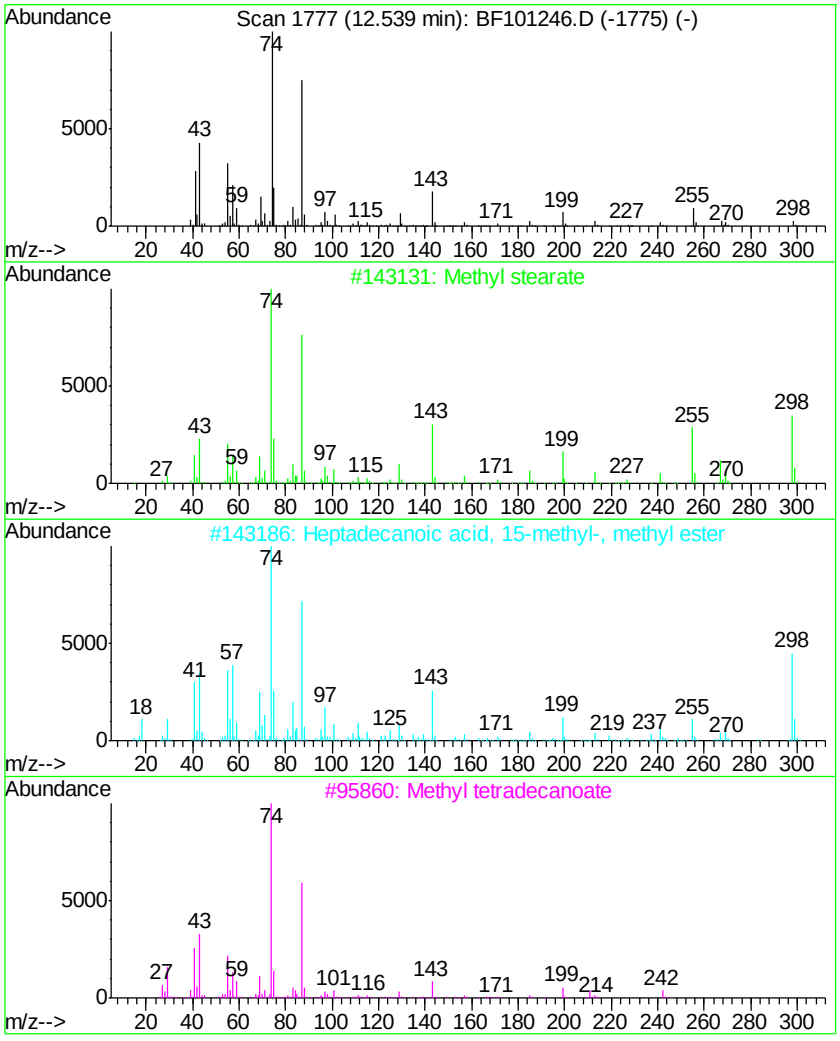
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

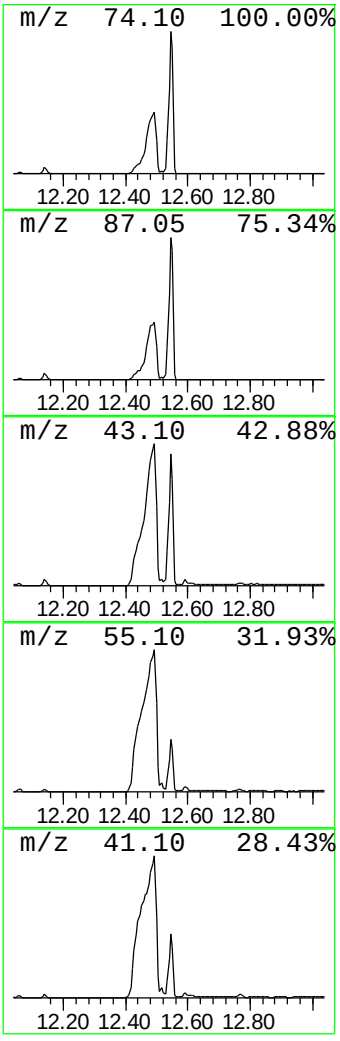
****

Peak Number 8 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	229.52 ng	3035890	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





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Operator : SJ/JU
Sample : I6686-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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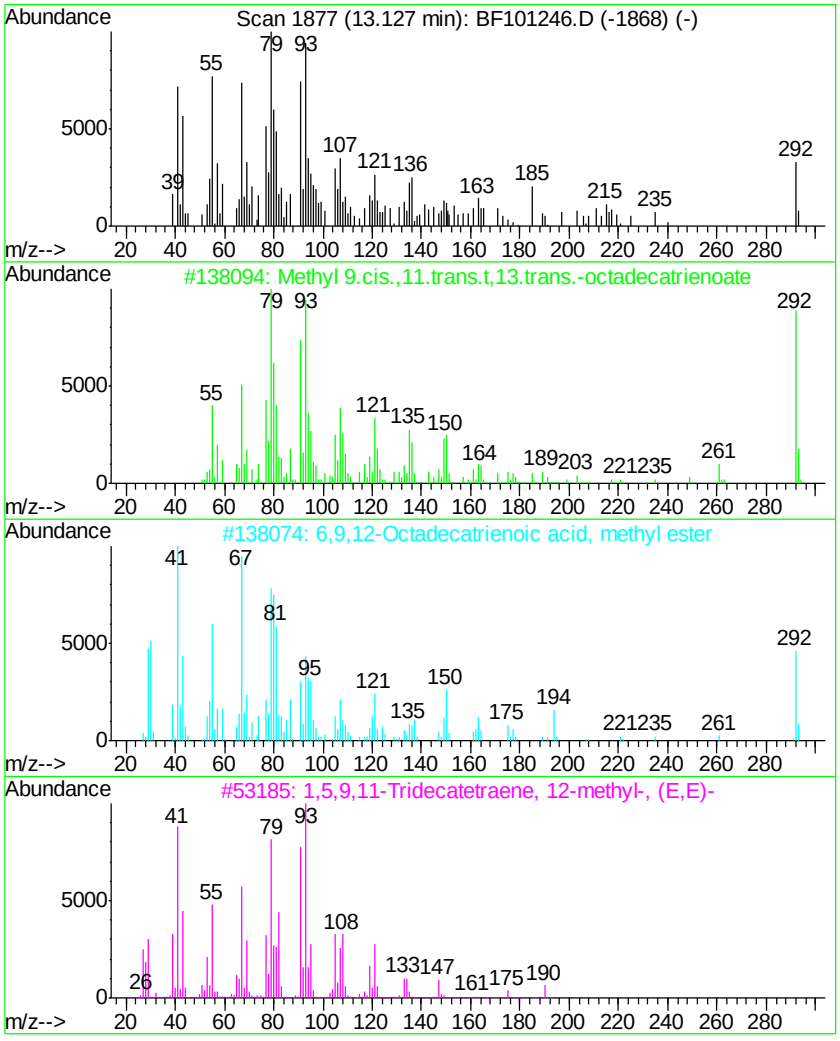
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

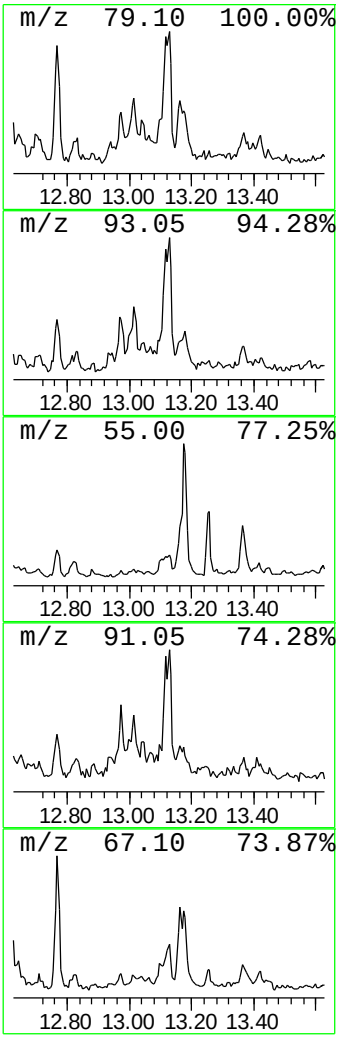
****

Peak Number 9 Methyl 9.cis.,11.trans.t,13... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	15.38 ng	230426	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	91
2	6,9,12-Octadecatrienoic acid, me...	292	C19H32O2	002676-41-7	87
3	1,5,9,11-Tridecatetraene, 12-met...	190	C14H22	062338-27-6	86
4	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	70
5	Bicyclo[2.2.1]heptane, 2-methyl-...	150	C11H18	062337-89-7	70





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Operator : SJ/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

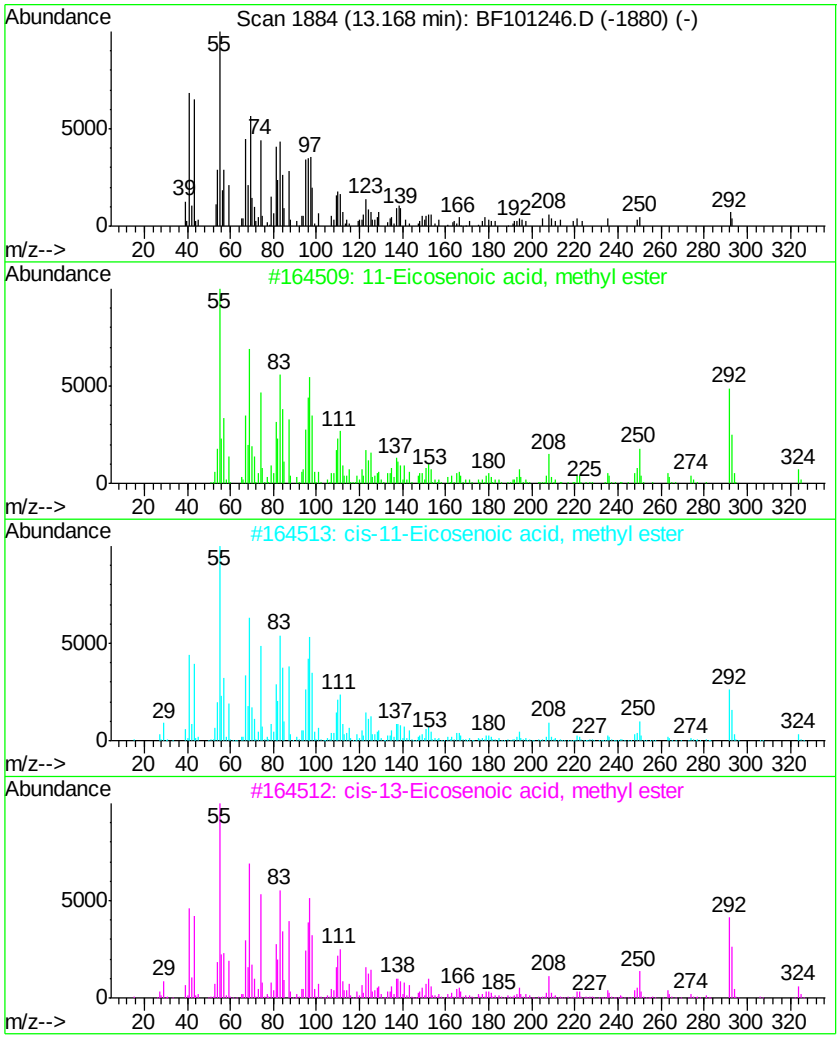
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

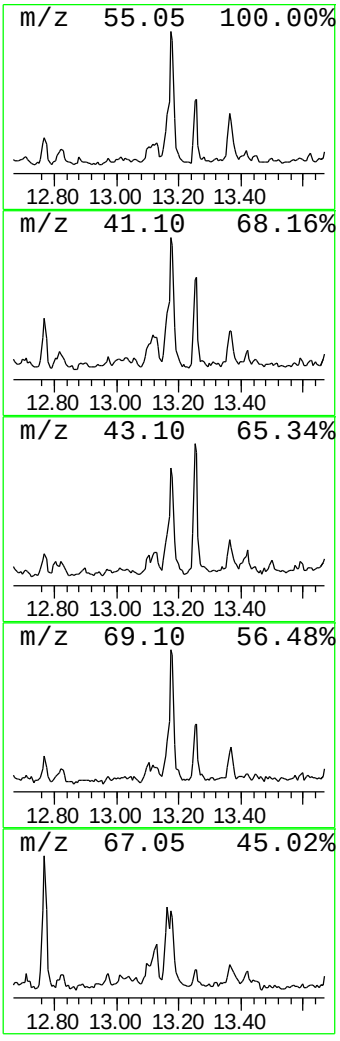
****

Peak Number 10 11-Eicosenoic acid, methyl ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	33.83 ng	506944	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
2	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	99
3	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	99
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101246.D
Acq On : 8 Dec 2017 19:58
Operator : SJ/JU
Sample : I6686-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

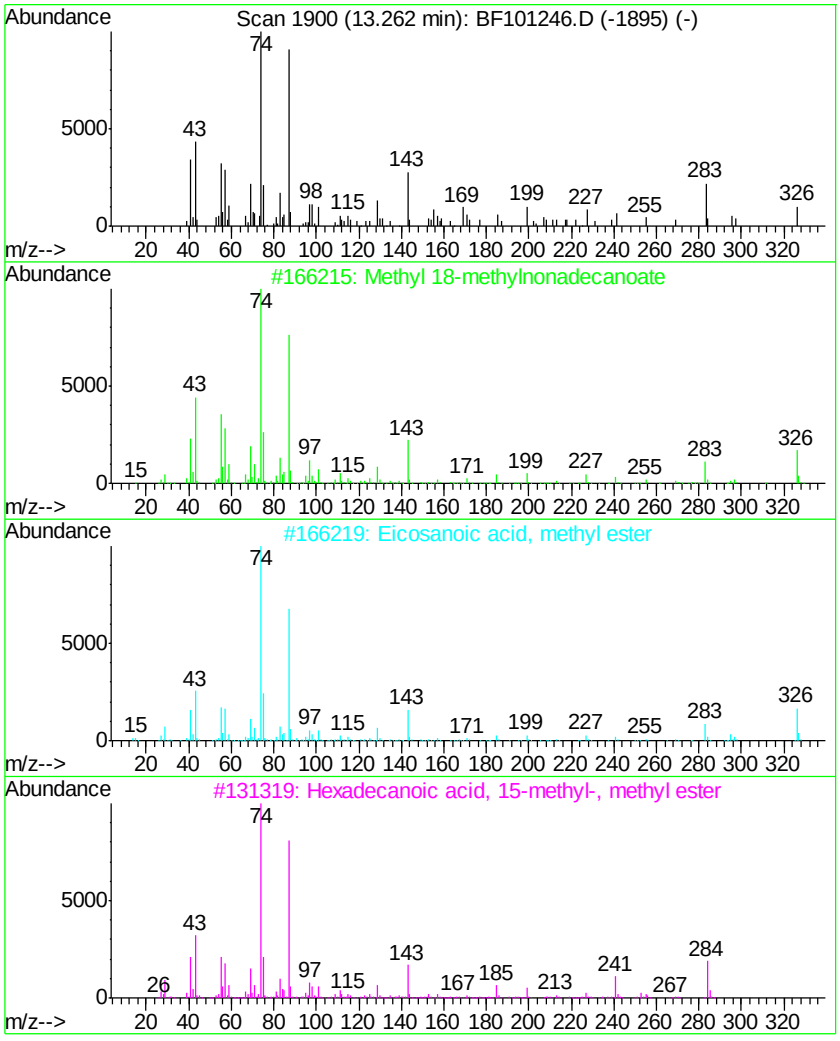
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

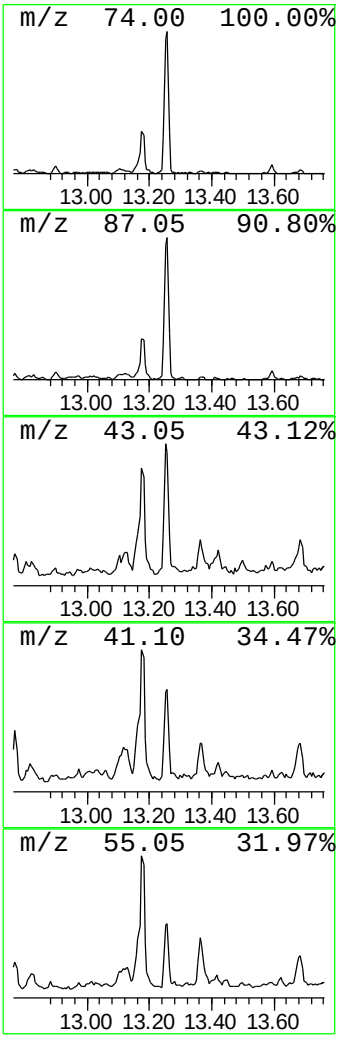
****

Peak Number 11 Methyl 18-methylnonadecanoate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	16.72 ng	250587	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	97
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	94
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
5	Methyl stearate	298	C19H38O2	000112-61-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
Data File : BF101246.D
Acq On : 8 Dec 2017 19:58
Operator : SJ/JU
Sample : I6686-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-120617

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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
unknown6.59	6.59	37.6	ng	511483	1	6.82	271707	20.0
Tridecanoic acid,...	10.86	25.6	ng	338366	4	11.35	264539	20.0
9-Hexadecenoic ac...	11.66	49.9	ng	659994	4	11.35	264539	20.0
Hexadecanoic acid...	11.76	459.4	ng	6075880	4	11.35	264539	20.0
14-Octadecenoic a...	12.49	1641.1	ng	21706200	4	11.35	264539	20.0
9,12,15-Octadecat...	12.52	19.3	ng	254856	4	11.35	264539	20.0
Methyl stearate	12.54	229.5	ng	3035890	4	11.35	264539	20.0
Methyl 9.cis.,11....	13.13	15.4	ng	230426	5	14.00	299660	20.0
11-Eicosenoic aci...	13.17	33.8	ng	506944	5	14.00	299660	20.0
Methyl 18-methyln...	13.26	16.7	ng	250587	5	14.00	299660	20.0