LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-012420

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-BF012020.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	5.475	570	576	579	rBV	2934051	2620975	1.56%	0.874%
2	6.481	741	747	752	rBV	2943764	2624062	1.56%	0.875%
3	6.857	807	811	815	rBV	2084310	1729246	1.03%	0.577%
4	7.016	834	838	841	rBV	2909579	2416502	1.44%	0.806%
5	7.416	898	906	909	rBV	1873970	1783847	1.06%	0.595%
6	8.139	1024	1029	1032	rBV	2581101	2423182	1.44%	0.808%
7	9.216	1208	1212	1215	rBV	3816000	3219883	1.91%	1.074%
8	9.892	1321	1327	1331	rBV	2517971	2245635	1.33%	0.749%
9	10.904	1495	1499	1502	rBV	4797531	3877694	2.30%	1.293%
10	11.704	1632	1635	1638	rVB	5822474	5678338	3.37%	1.893%
11	11.810	1643	1653	1656	rVB	17893953	40708567	24.18%	13.574%
12	12.180	1712	1716	1725	rVB	1801976	1712548	1.02%	0.571%
13	12.586	1756	1785	1788	rBV7	24455438	168383343	100.00%	56.148%
14	12.621	1788	1791	1793	rVV2	16600860	19880315	11.81%	6.629%
15	12.663	1793	1798	1803	rVV2	6946360	11020157	6.54%	3.675%
16	12.986	1849	1853	1856	rBV	3125128	2474364	1.47%	0.825%
17	13.169	1875	1884	1886	rBV9	710211	1801139	1.07%	0.601%
18	13.221	1886	1893	1899	rVB	8643589	10725349	6.37%	3.576%
19	13.298	1902	1906	1908	rBV	5660668	5661037	3.36%	1.888%
20	13.963	2015	2019	2022	rVB	3589711	3458318	2.05%	1.153%
21	14.021	2025	2029	2032	rBV	1880887	1828095	1.09%	0.610%
22	14.580	2120	2124	2132	rVB	1845775	1922860	1.14%	0.641%
23	15.486	2274	2278	2281	rBV	1381358	1698207	1.01%	0.566%

Sum of corrected areas: 299893663

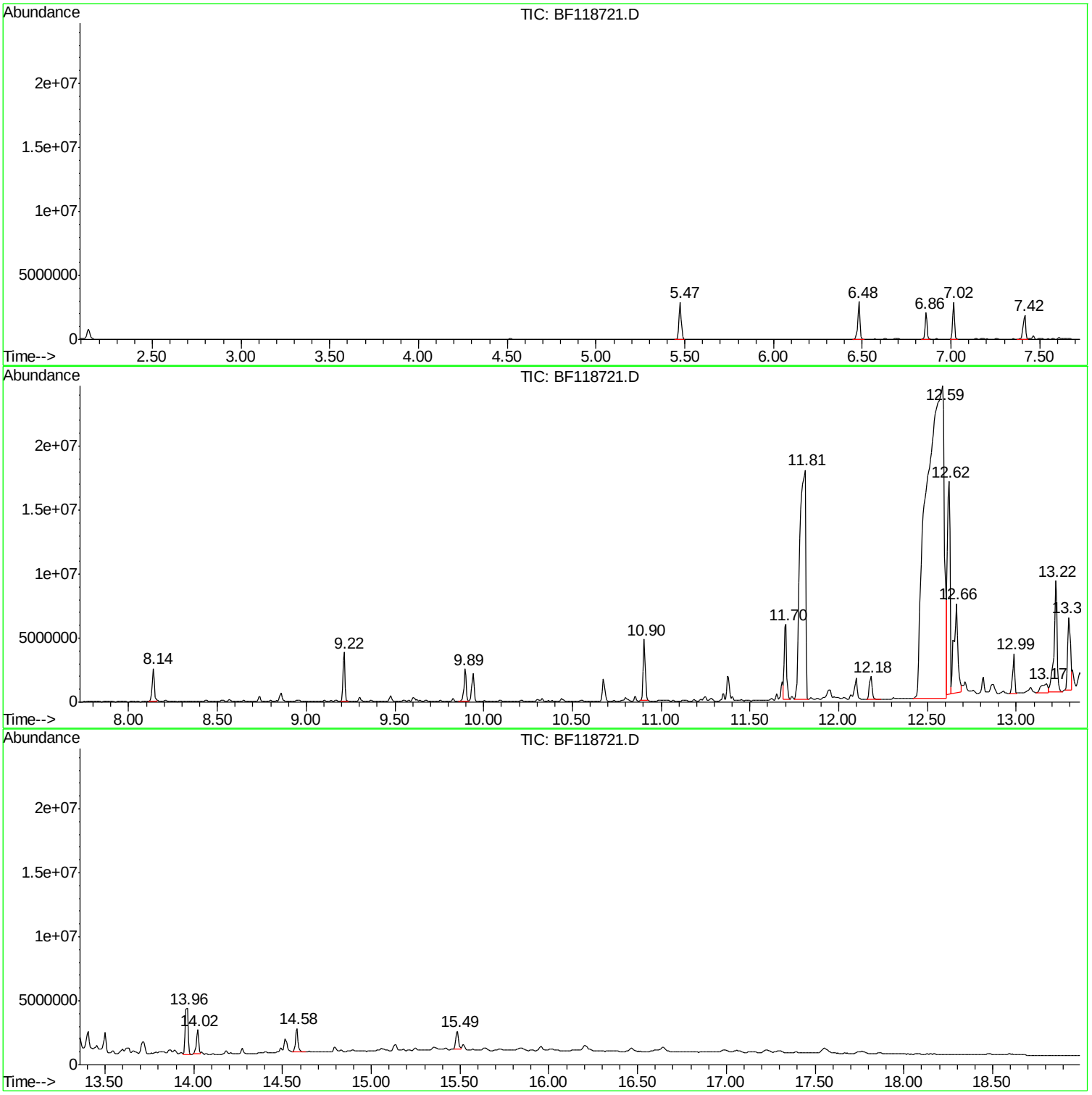
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

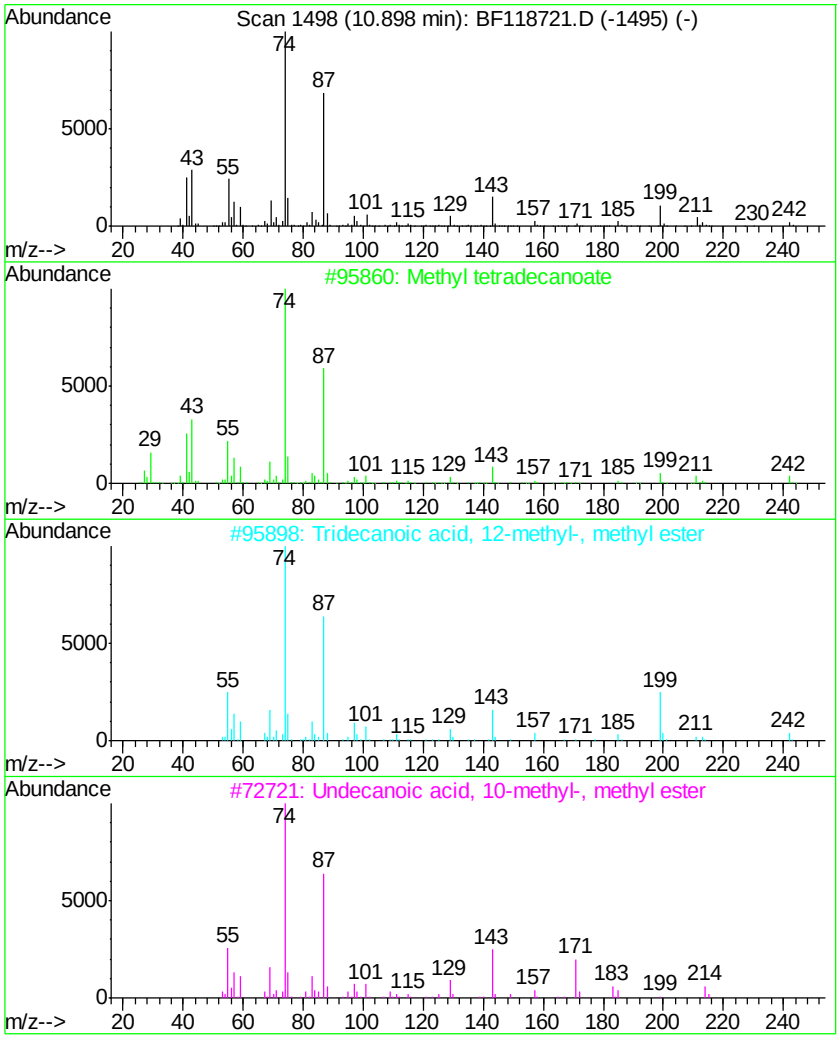
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

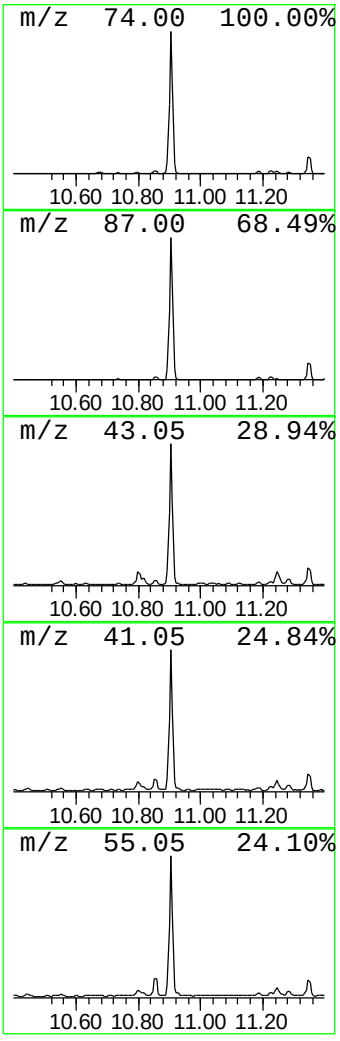
****

Peak Number 2 Methyl tetradecanoate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	13.66 ng	3877690	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	96
2	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	93
3	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	86
4	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

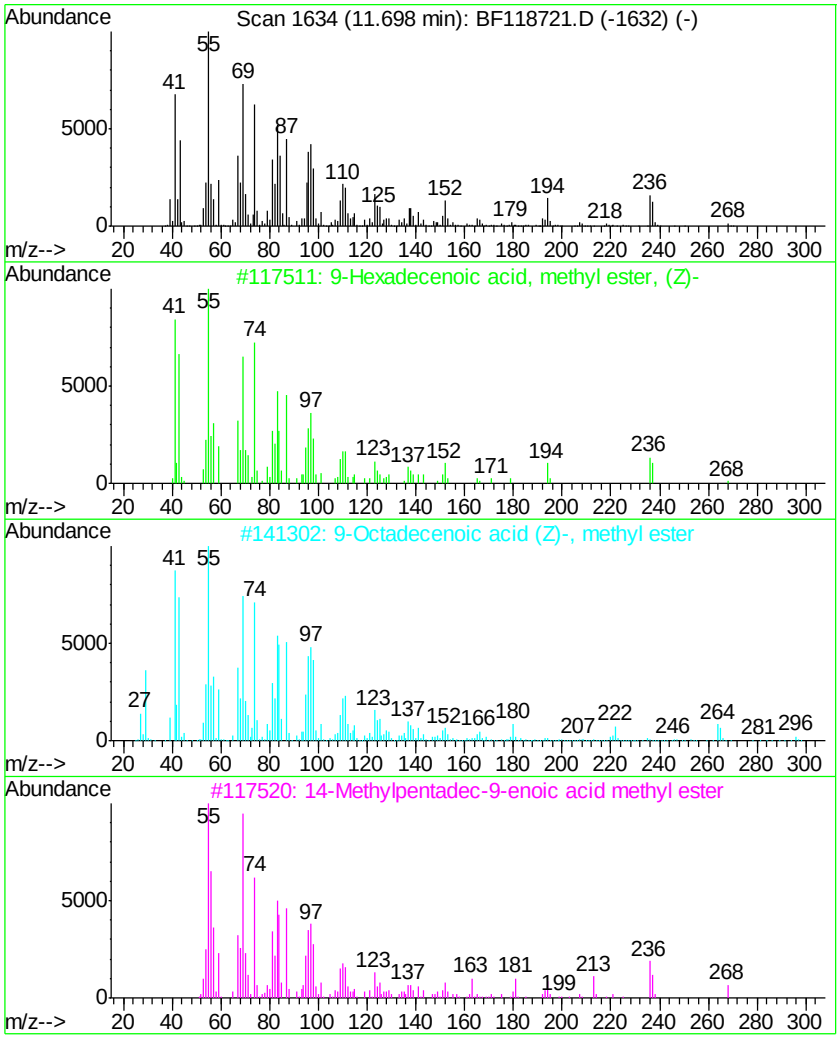
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

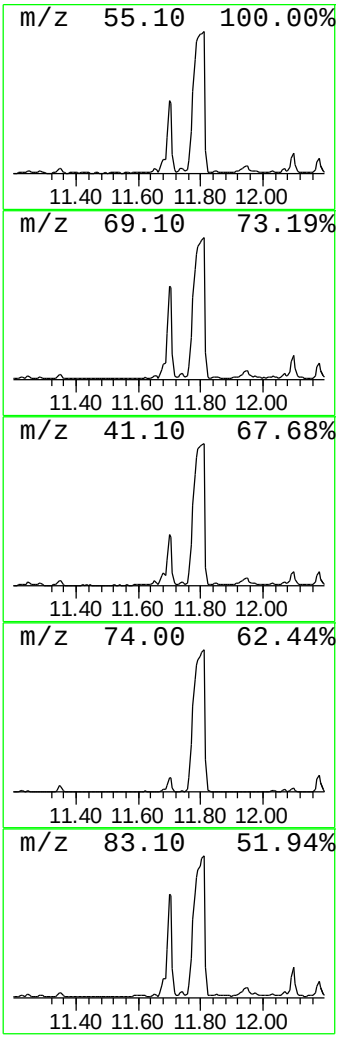
****

Peak Number 3 9-Hexadecenoic acid, methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	20.00 ng	5678340	Phenanthrene-d10	11.37

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	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	80
4	11-Hexadecenoic acid, methyl ester	268	C17H32O2	055000-42-5	76
5	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

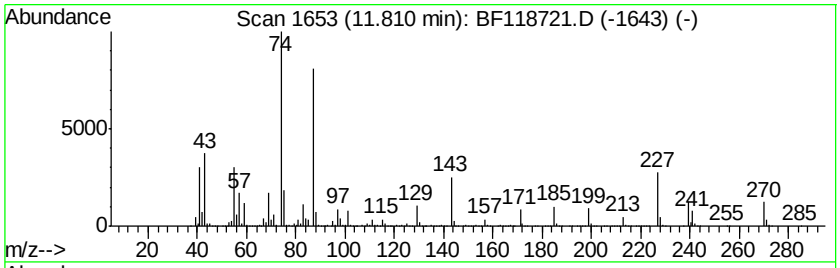
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

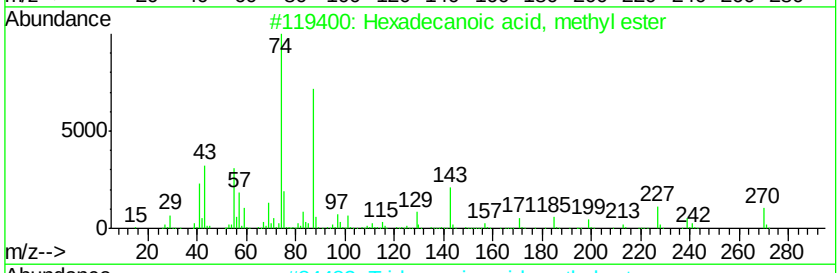
****

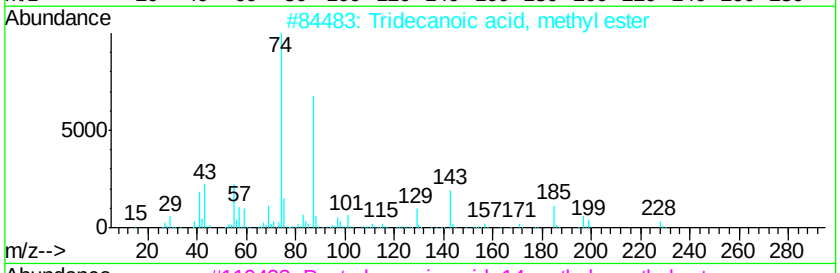
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 2

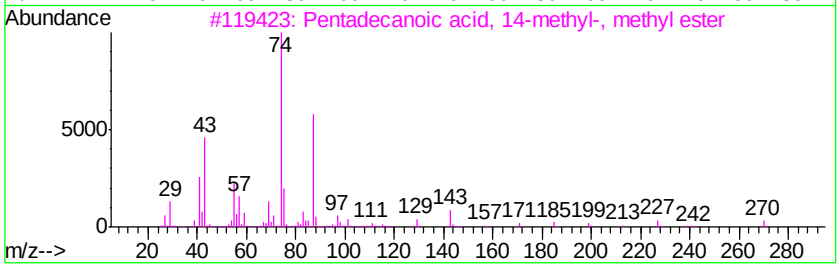
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	143.38 ng	40708600	Phenanthrene-d10	11.37

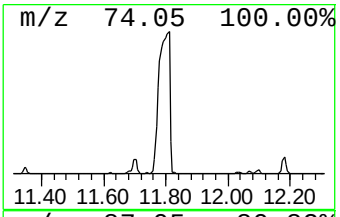
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	86

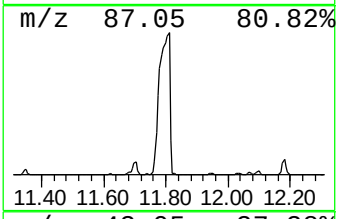


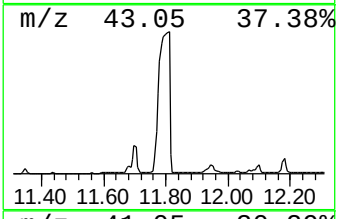


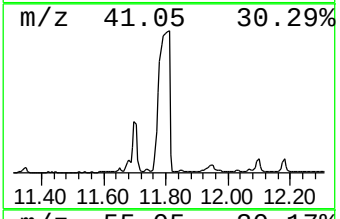


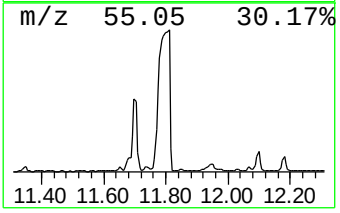












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

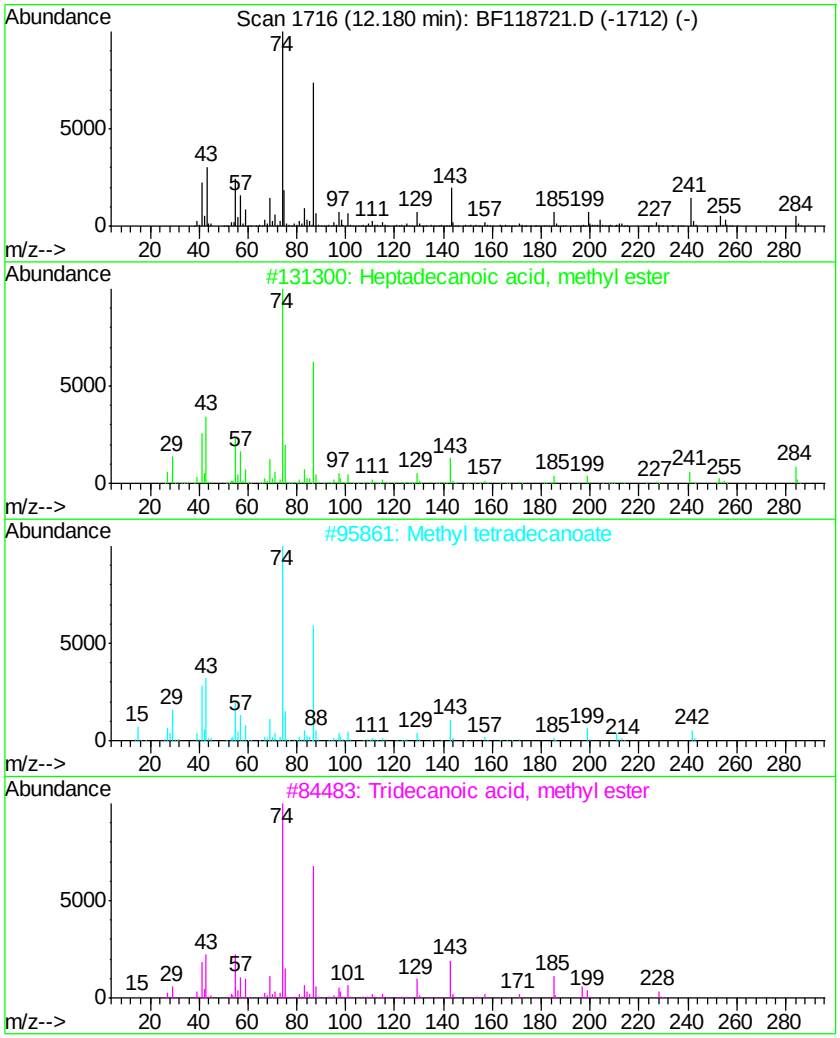
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

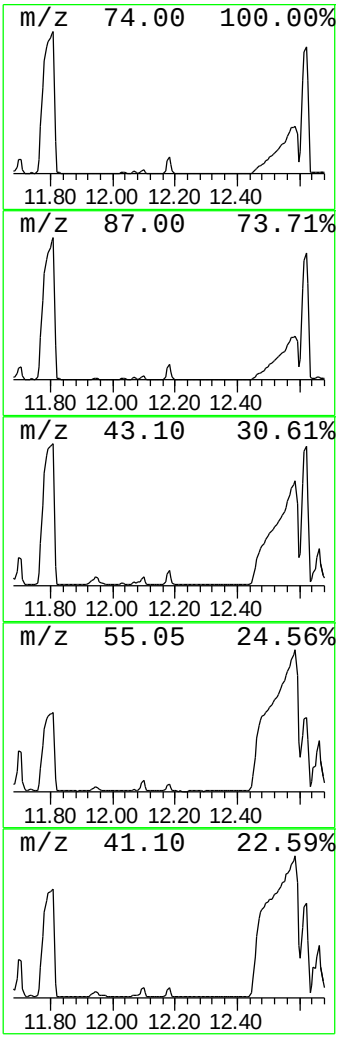
****

Peak Number 5 Heptadecanoic acid, methyl ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	6.03 ng	1712550	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	97
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

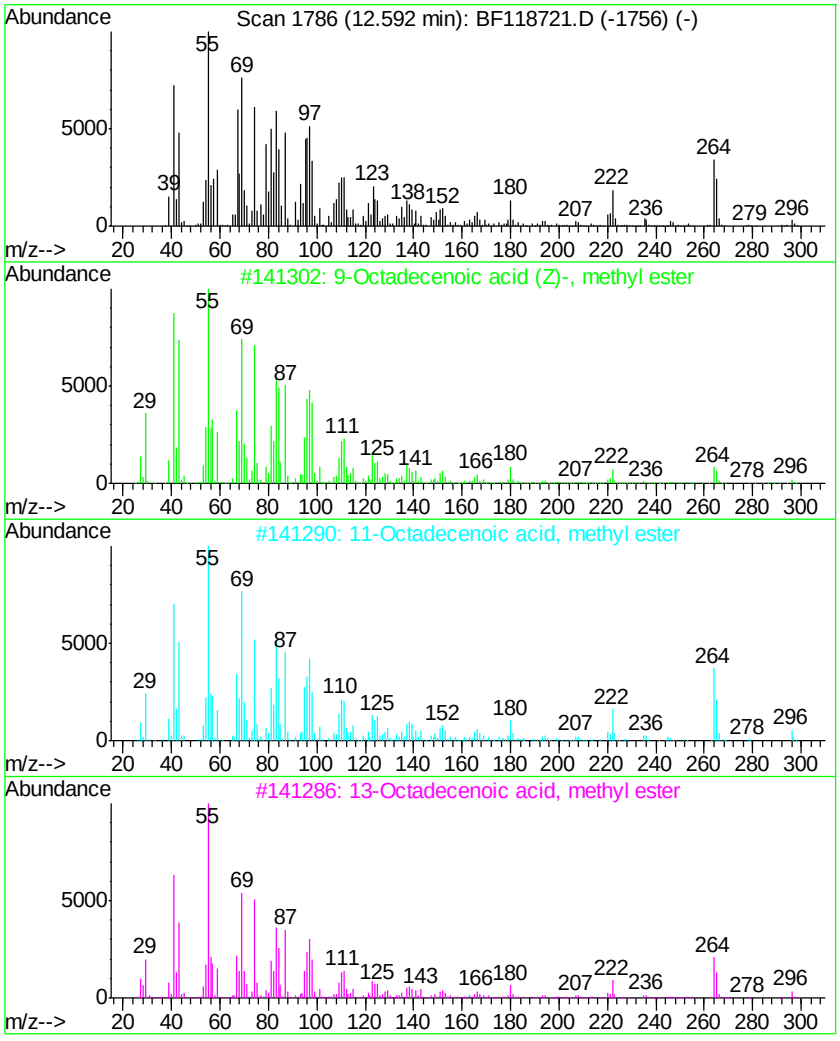
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

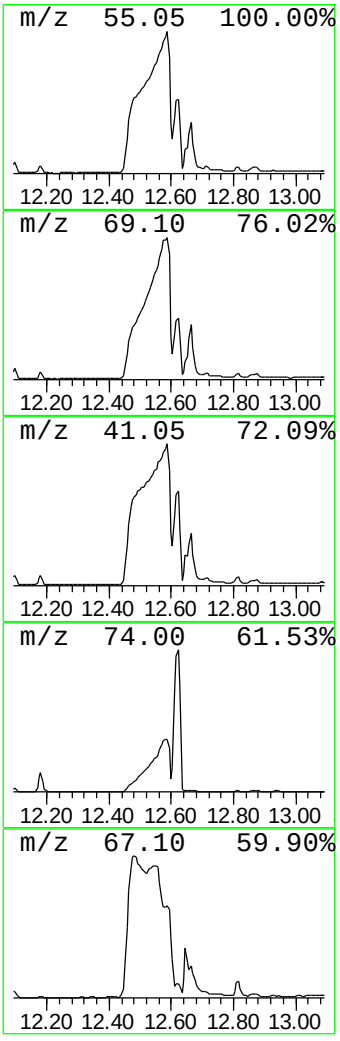
****

Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	593.07 ng	168383000	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

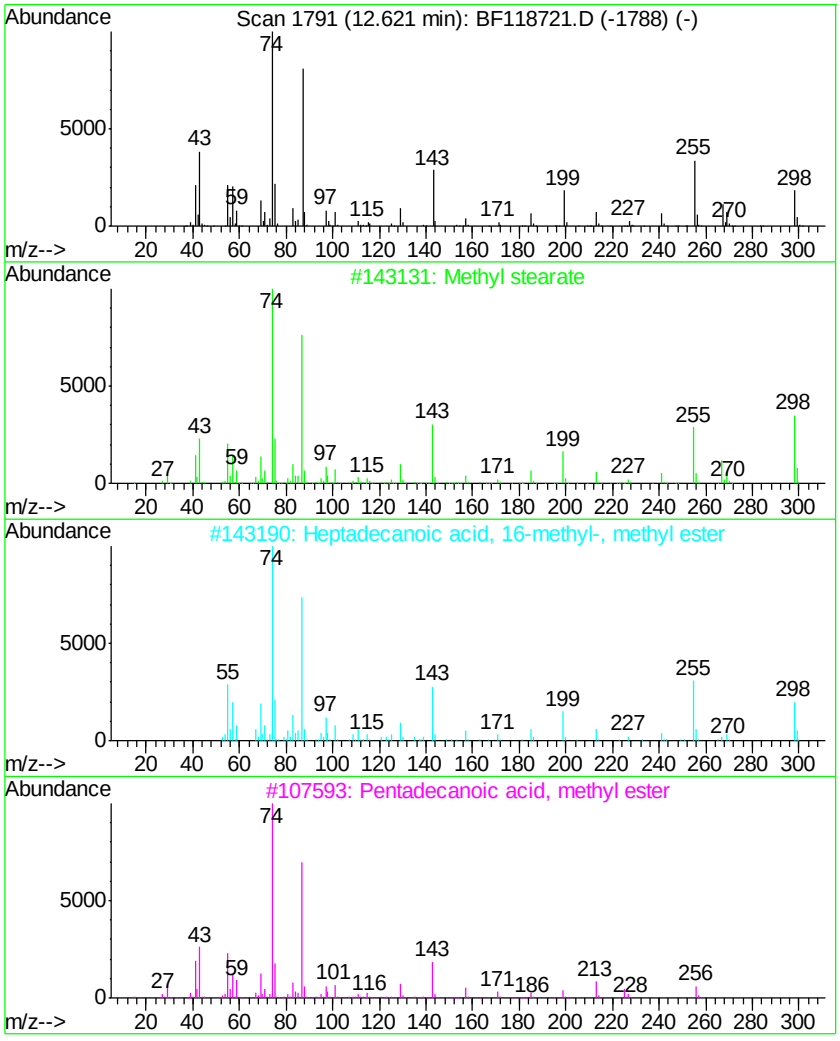
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

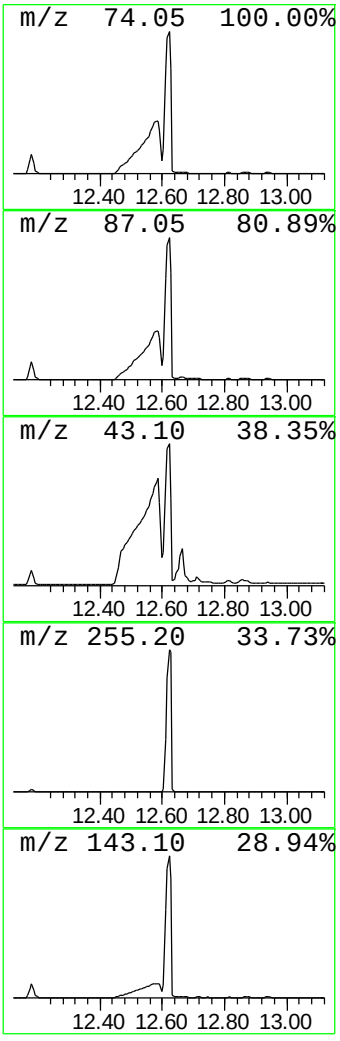
****

Peak Number 7 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	70.02 ng	19880300	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	89
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	81
5	Heptadecanoic acid, 10-methyl-, ...	298	C19H38O2	002490-25-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

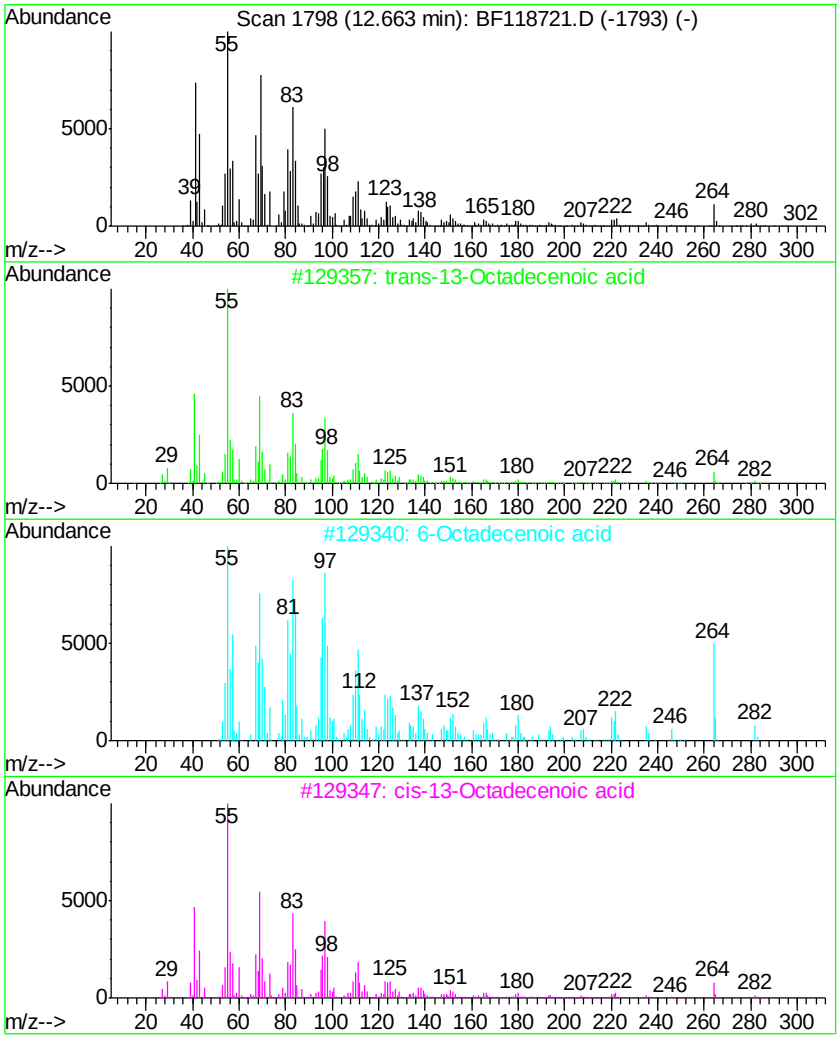
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

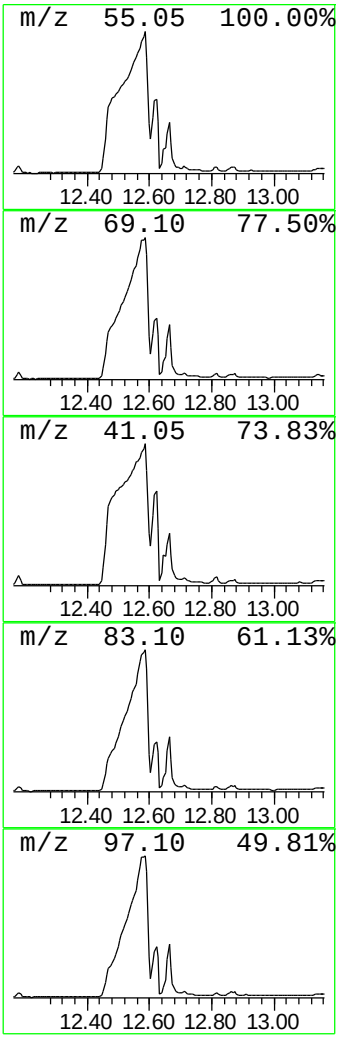
****

Peak Number 8 trans-13-Octadecenoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	38.81 ng	11020200	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	95
2	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	95
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	92
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

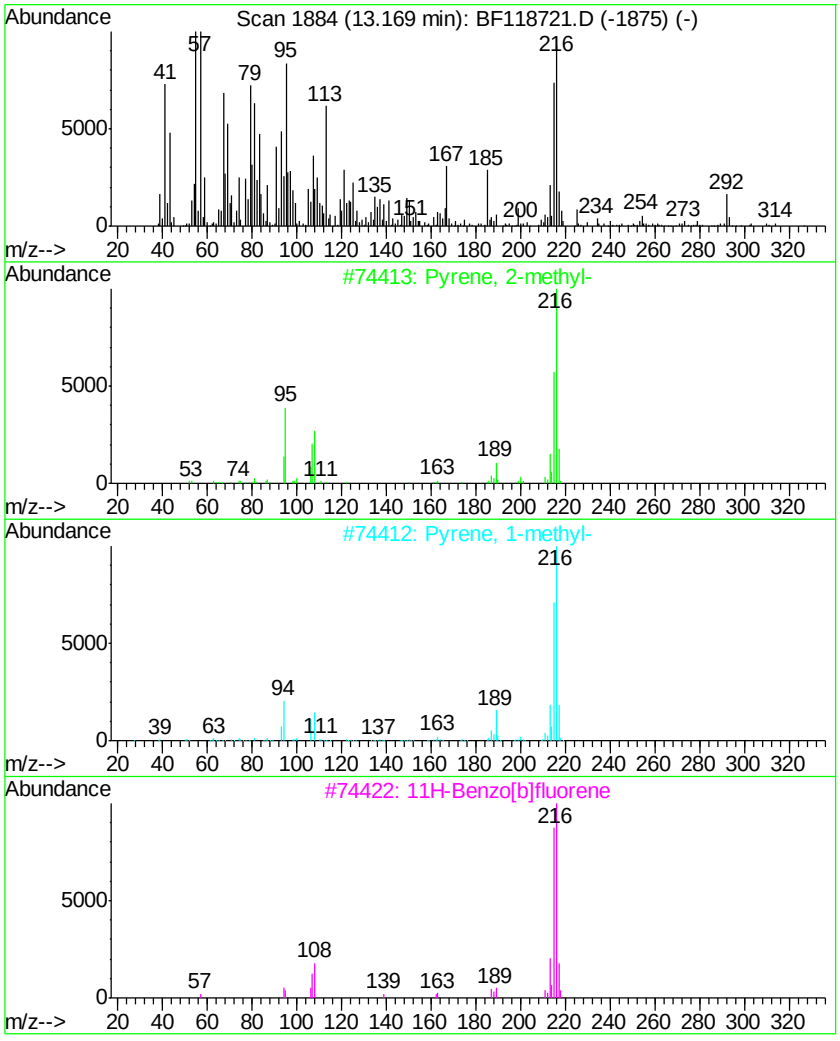
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

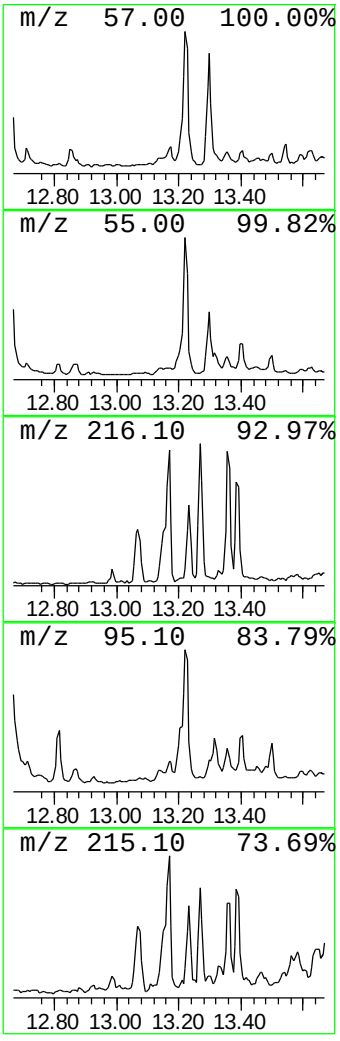
****

Peak Number 9 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	19.71 ng	1801140	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	42
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	42
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	42
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	41





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

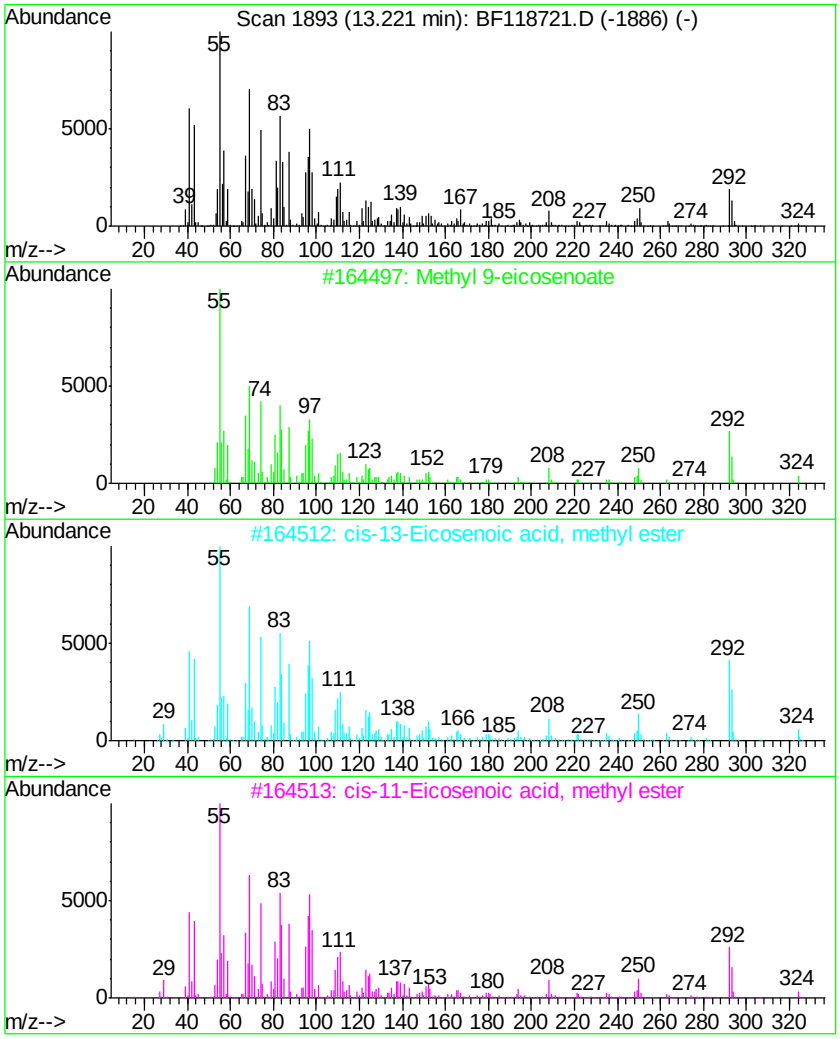
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

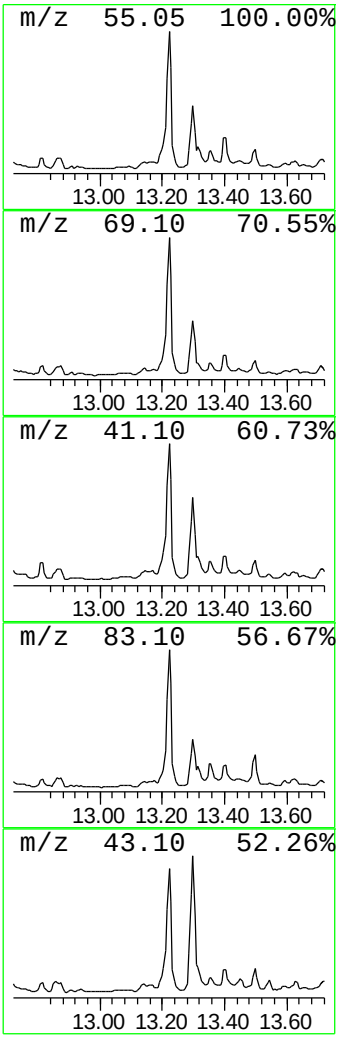
****

Peak Number 10 Methyl 9-eicosenoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	117.34 ng	10725300	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	99
2	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	94
3	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	94
4	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	94
5	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

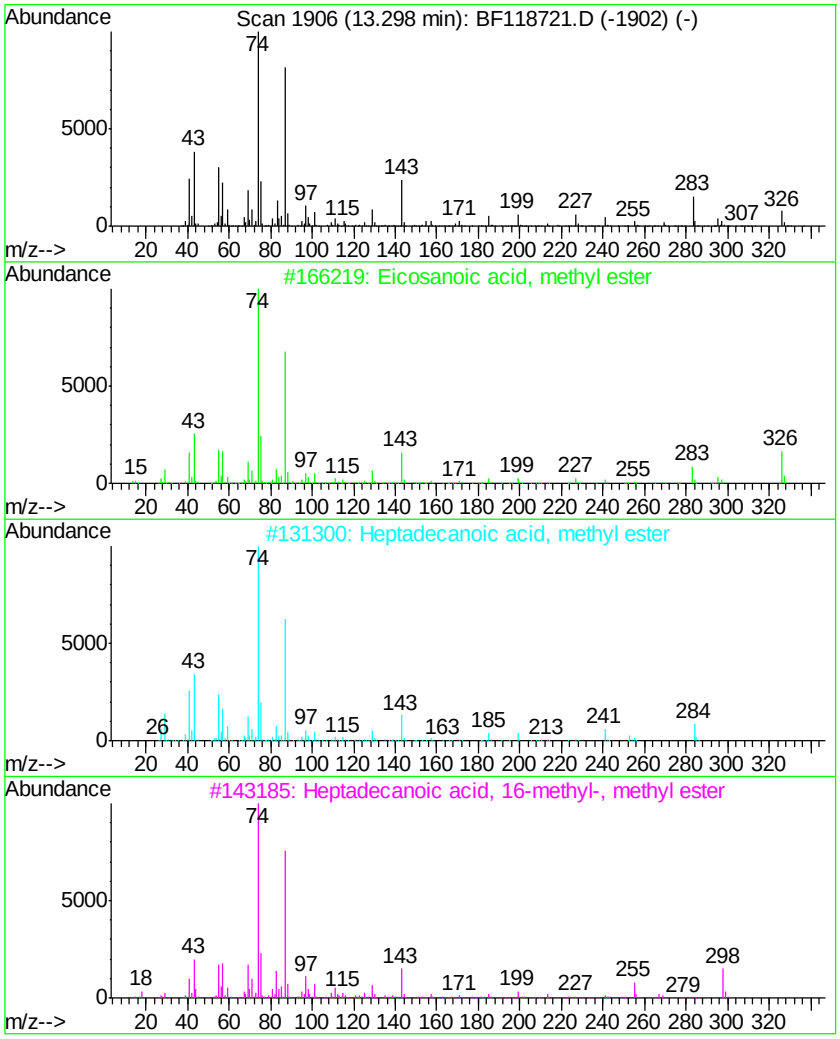
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

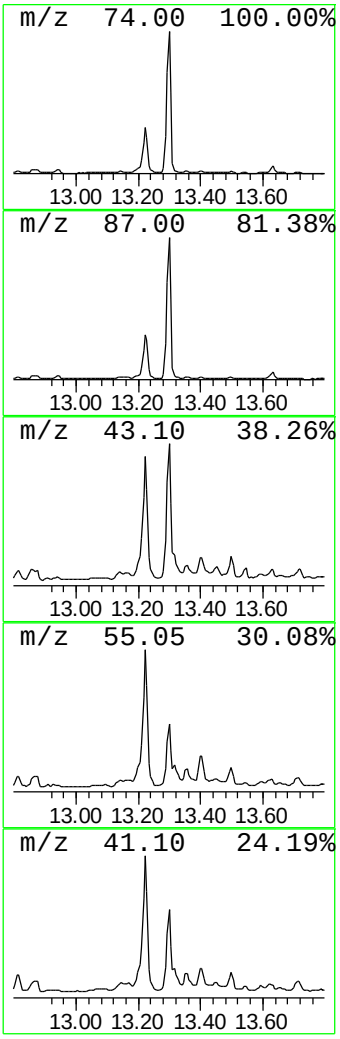
****

Peak Number 11 Eicosanoic acid, methyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	61.93 ng	5661040	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
4	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	91
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

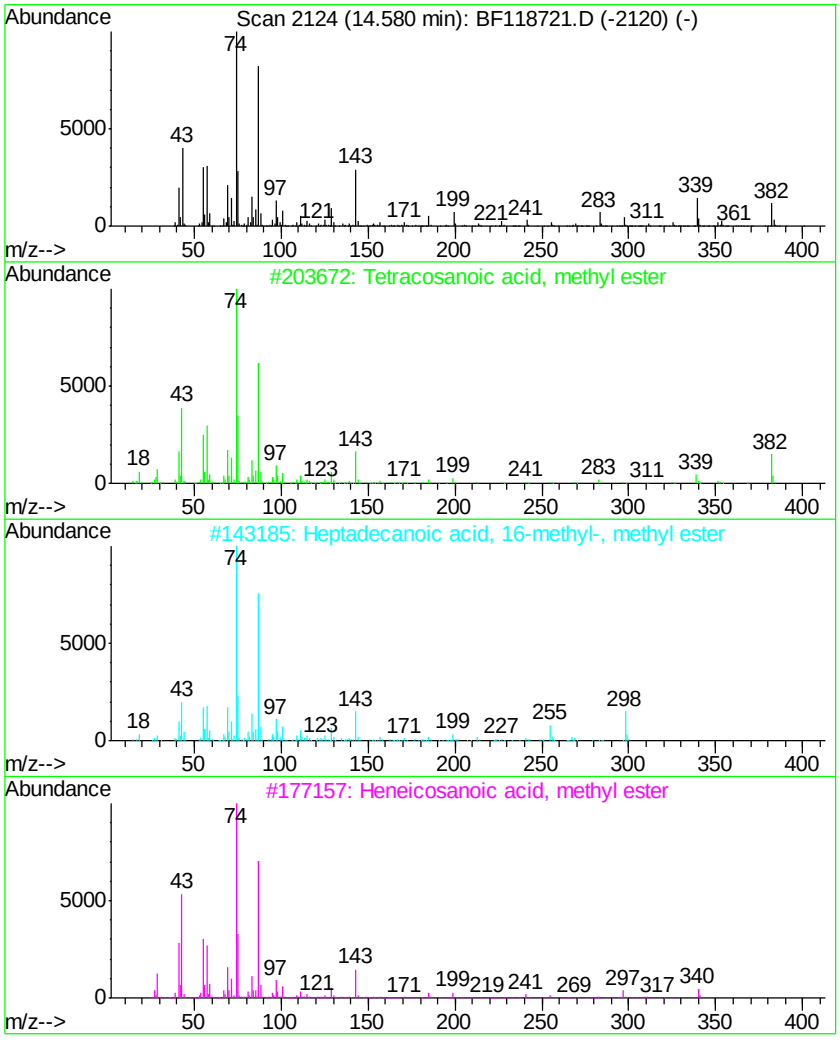
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

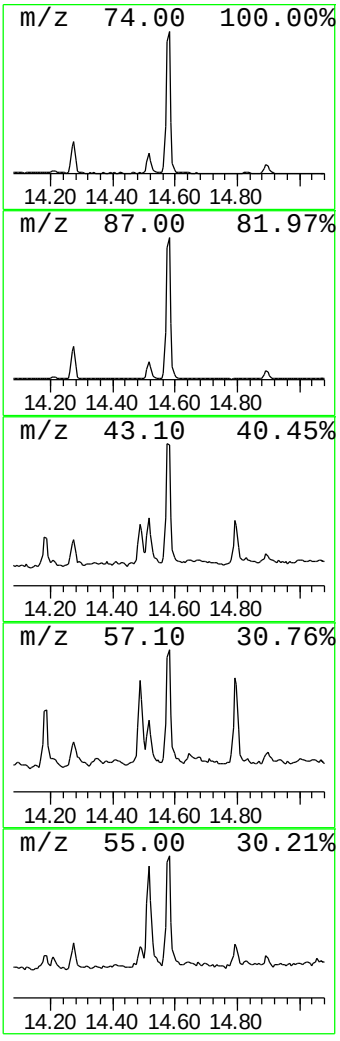
****

Peak Number 12 Tetracosanoic acid, methyl ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	21.04 ng	1922860	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	94
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012720\
Data File : BF118721.D
Acq On : 27 Jan 2020 16:14
Operator : CG/JU
Sample : L1017-07 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-012420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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
Methyl tetradecan...	10.90	13.7	ng	3877690	4	11.37	5678340	20.0
9-Hexadecenoic ac...	11.70	20.0	ng	5678340	4	11.37	5678340	20.0
Hexadecanoic acid...	11.81	143.4	ng	40708600	4	11.37	5678340	20.0
Heptadecanoic aci...	12.18	6.0	ng	1712550	4	11.37	5678340	20.0
9-Octadecenoic ac...	12.59	593.1	ng	168383000	4	11.37	5678340	20.0
Methyl stearate	12.62	70.0	ng	19880300	4	11.37	5678340	20.0
trans-13-Octadece...	12.66	38.8	ng	11020200	4	11.37	5678340	20.0
Pyrene, 2-methyl-	13.17	19.7	ng	1801140	5	14.02	1828100	20.0
Methyl 9-eicosenoate	13.22	117.3	ng	10725300	5	14.02	1828100	20.0
Eicosanoic acid, ...	13.30	61.9	ng	5661040	5	14.02	1828100	20.0
Tetracosanoic aci...	14.58	21.0	ng	1922860	5	14.02	1828100	20.0