LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

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-BF012218.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	5.328	547	551	572	rBV	3214986	3383086	25.85%	5.709%
2	6.363	722	727	744	rBV	3203391	3489250	26.66%	5.888%
3	6.487	744	748	751	rBV	3747522	3389508	25.90%	5.720%
4	6.716	783	787	793	rBV	1089936	1023456	7.82%	1.727%
5	6.869	809	813	816	rBV	2893062	2542786	19.43%	4.291%
6	7.281	879	883	886	rBV	2029027	2106580	16.10%	3.555%
7	7.998	998	1005	1013	rBV	1510651	1402612	10.72%	2.367%
8	9.075	1183	1188	1191	rBV	3445082	3104908	23.73%	5.240%
9	9.469	1249	1255	1257	rBV	321693	299334	2.29%	0.505%
10	9.675	1287	1290	1294	rVB	187552	152535	1.17%	0.257%
11	9.751	1299	1303	1307	rBV	1563008	1373870	10.50%	2.318%
12	10.175	1373	1375	1378	rVB	247983	181974	1.39%	0.307%
13	10.539	1434	1437	1447	rVB	1722548	1775840	13.57%	2.997%
14	10.645	1452	1455	1465	rVB	185113	233199	1.78%	0.394%
15	11.233	1551	1555	1558	rBV	1202279	1144774	8.75%	1.932%
16	11.633	1618	1623	1626	rBV	5254555	5132935	39.22%	8.662%
17	12.333	1732	1742	1743	rBV	7085508	13086609	100.00%	22.084%
18	12.351	1743	1745	1750	rVV2	6961042	8074072	61.70%	13.625%
19	12.421	1753	1757	1760	rVV	2906482	2449569	18.72%	4.134%
20	12.821	1819	1825	1829	rBV	2298988	2124930	16.24%	3.586%
21	13.016	1849	1858	1861	rBV8	90507	220323	1.68%	0.372%
22	13.063	1861	1866	1872	rVB3	166552	257664	1.97%	0.435%
23	13.139	1876	1879	1882	rBV	241535	210277	1.61%	0.355%
24	13.710	1973	1976	1987	rVB	273878	341225	2.61%	0.576%
25	13.810	1990	1993	1996	rVV	208026	180052	1.38%	0.304%
26	13.874	2001	2004	2008	rBV	909962	809107	6.18%	1.365%
27	15.304	2243	2247	2254	rVB	610276	768191	5.87%	1.296%

Sum of corrected areas: 59258666

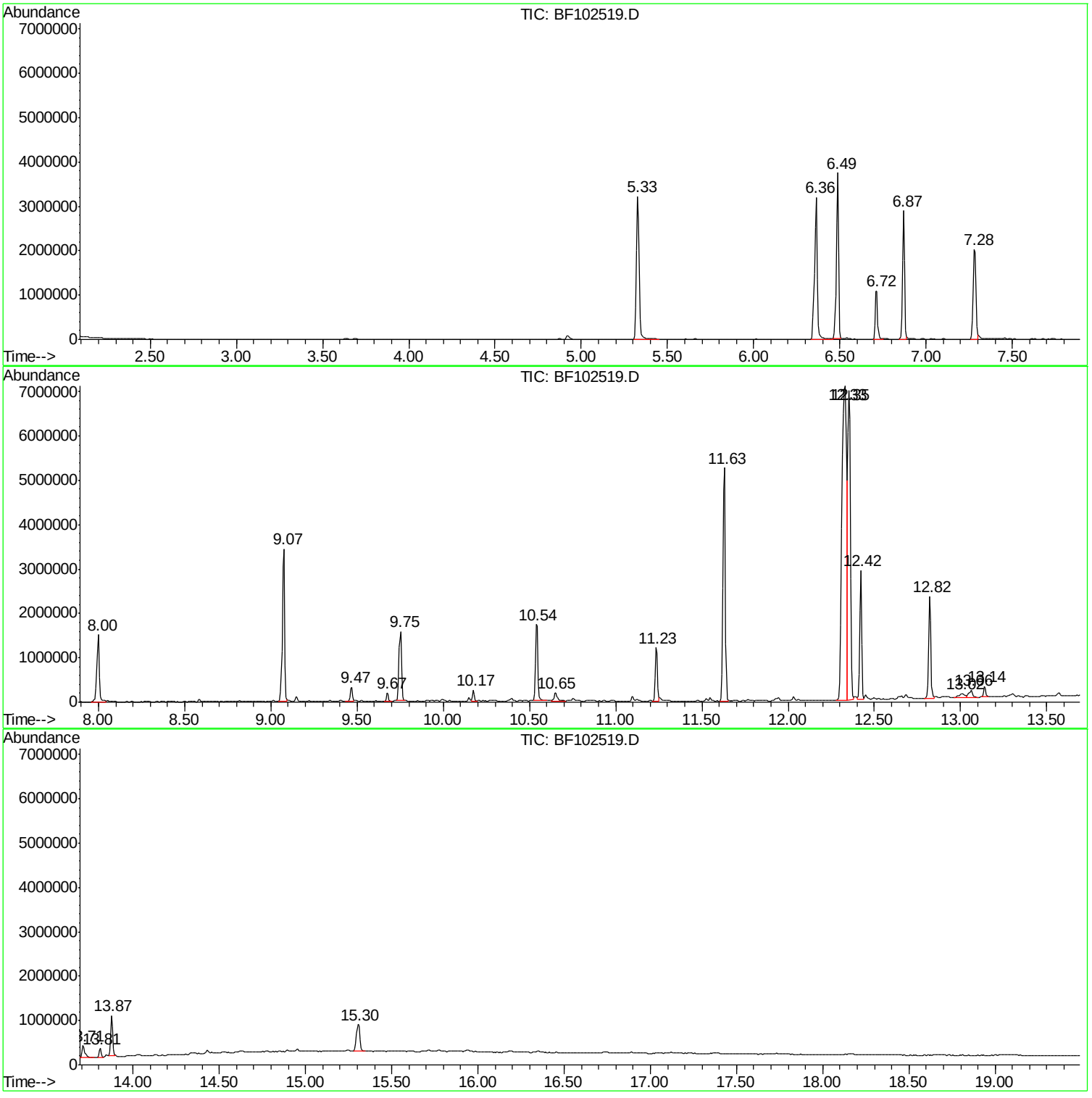
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

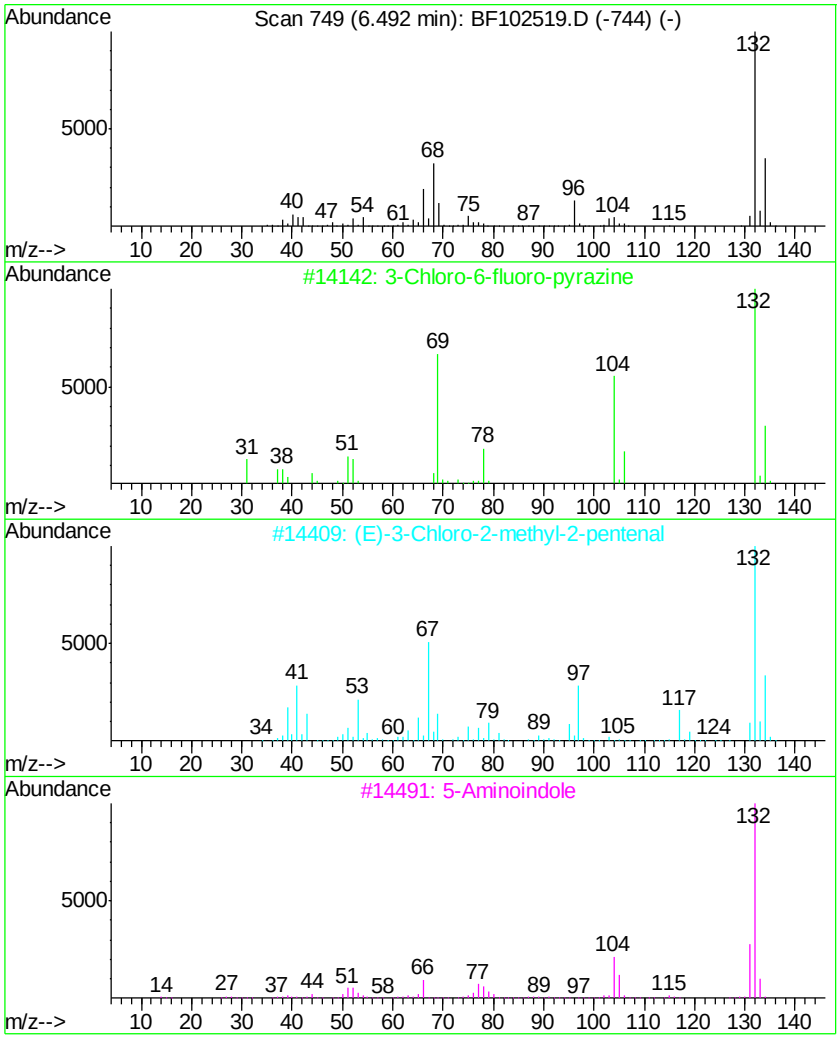
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

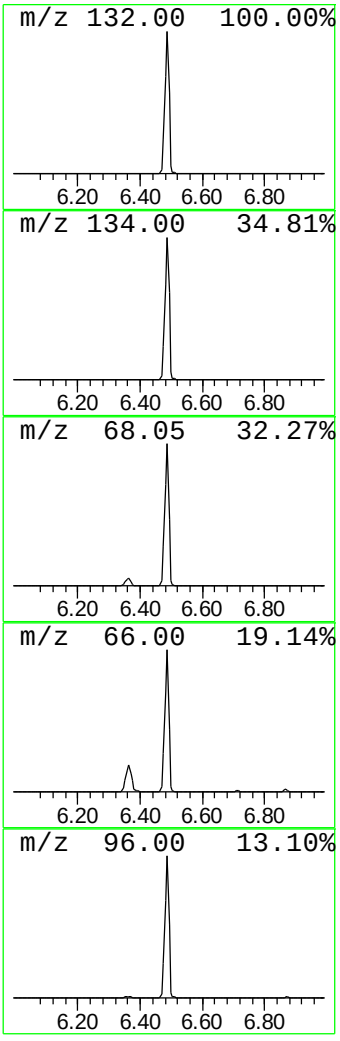
****

Peak Number 1 unknown6.49 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	66.24 ng	3389510	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

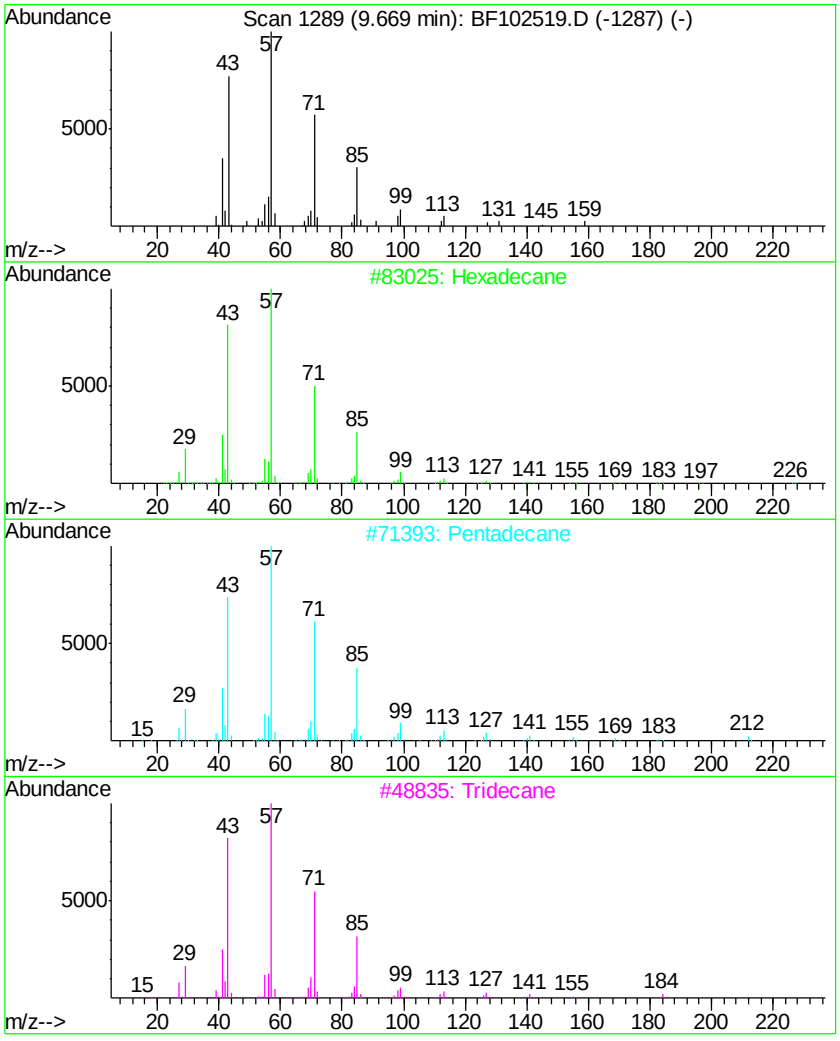
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

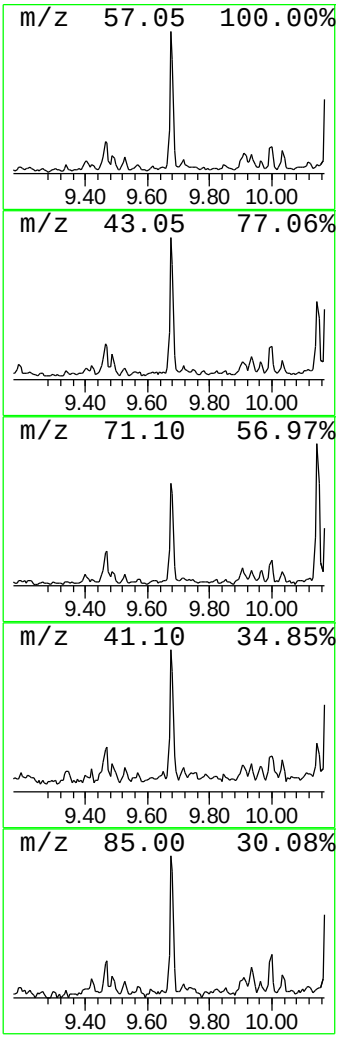
****

Peak Number 3 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	2.22 ng	152535	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Undecane	156	C11H24	001120-21-4	86
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

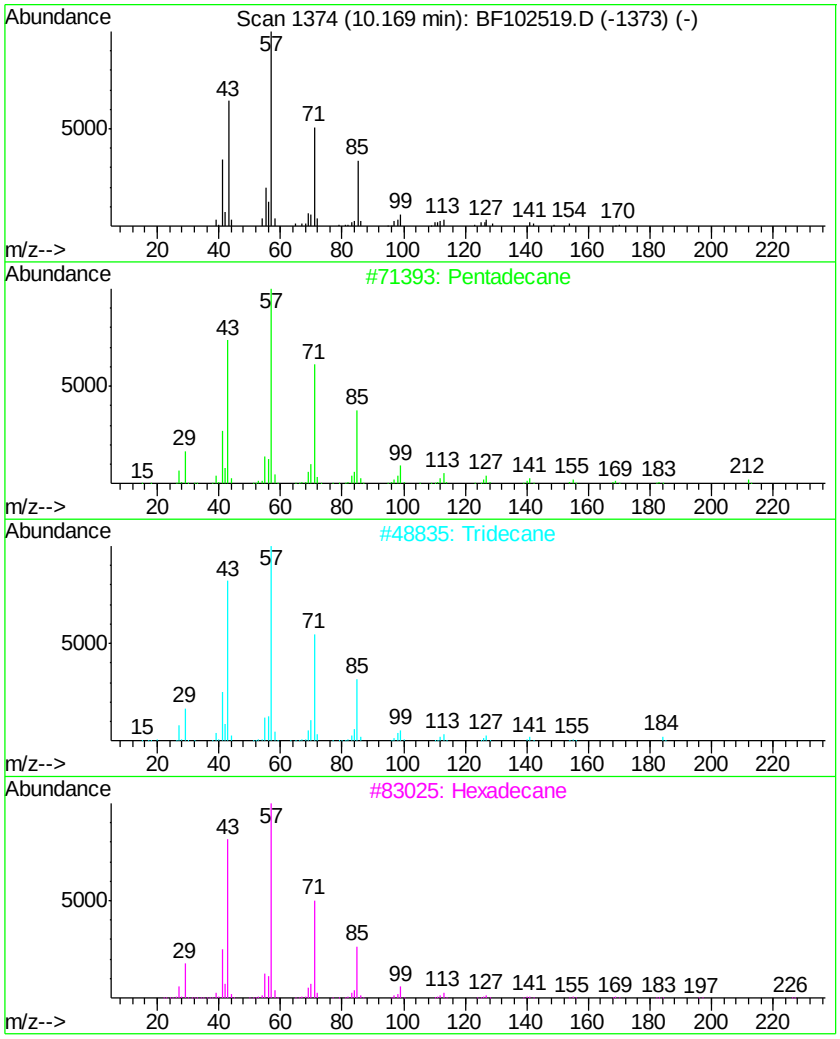
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

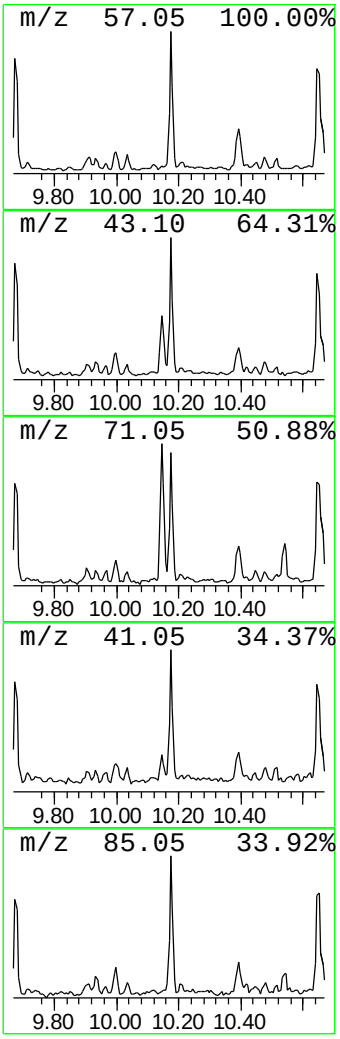
****

Peak Number 4 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.65 ng	181974	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

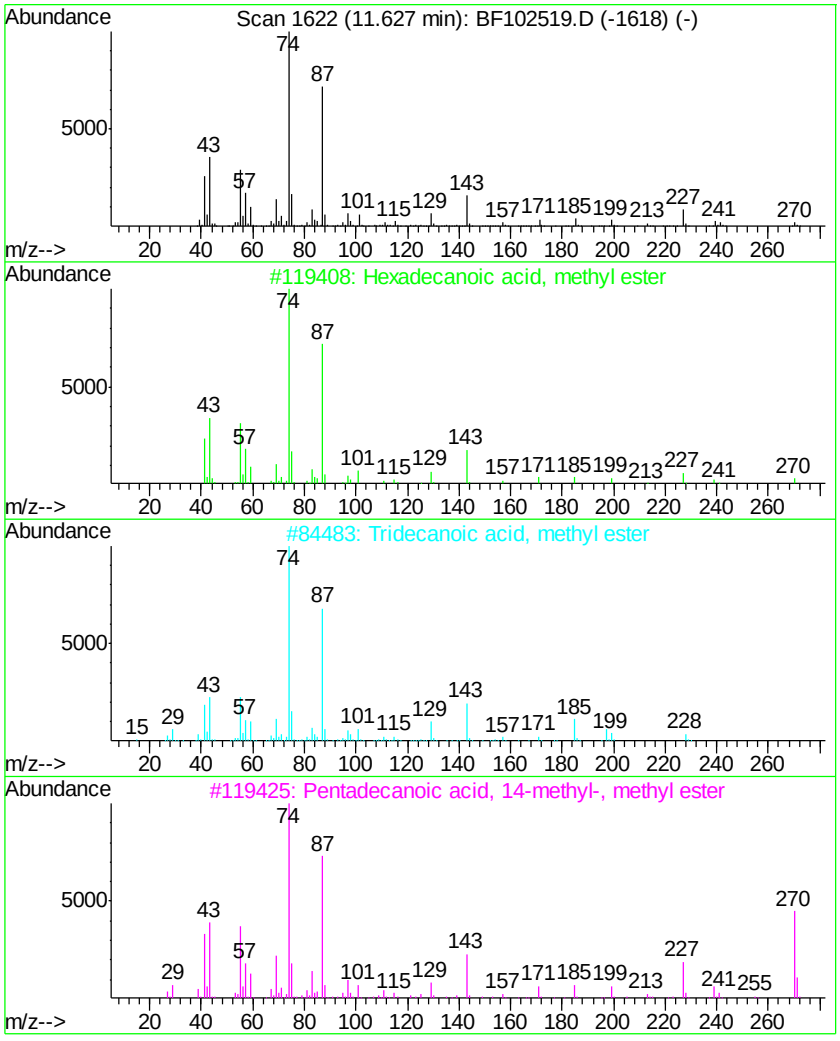
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

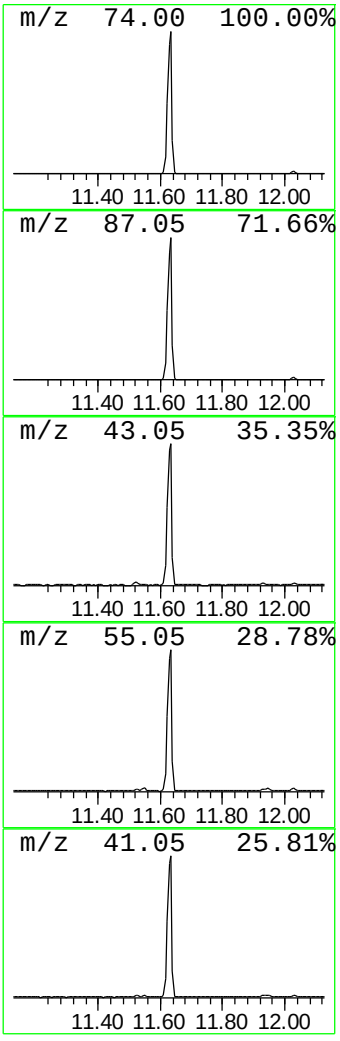
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	89.68 ng	5132940	Phenanthrene-d10	11.23

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	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

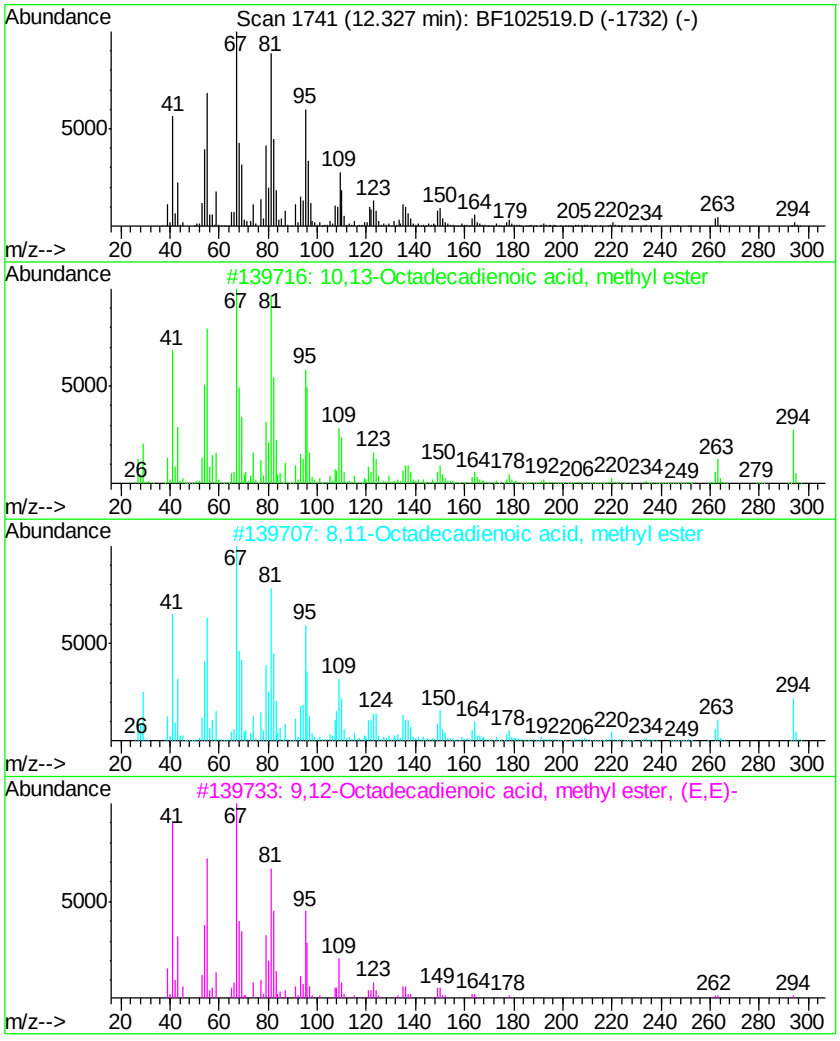
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

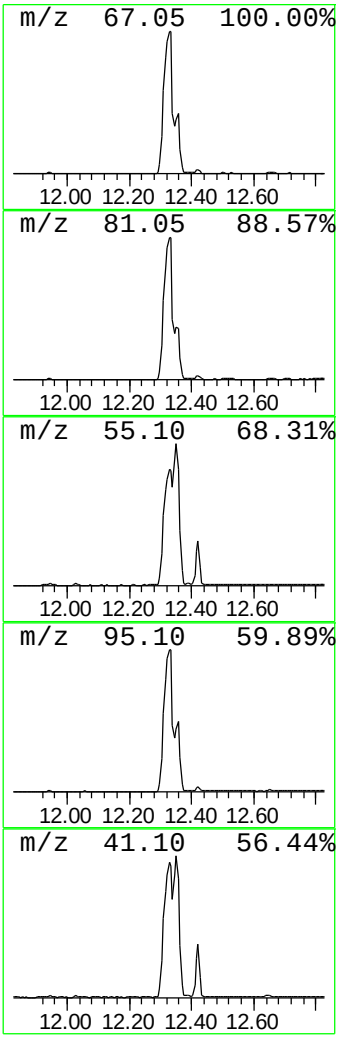
****

Peak Number 7 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	228.63 ng	13086600	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

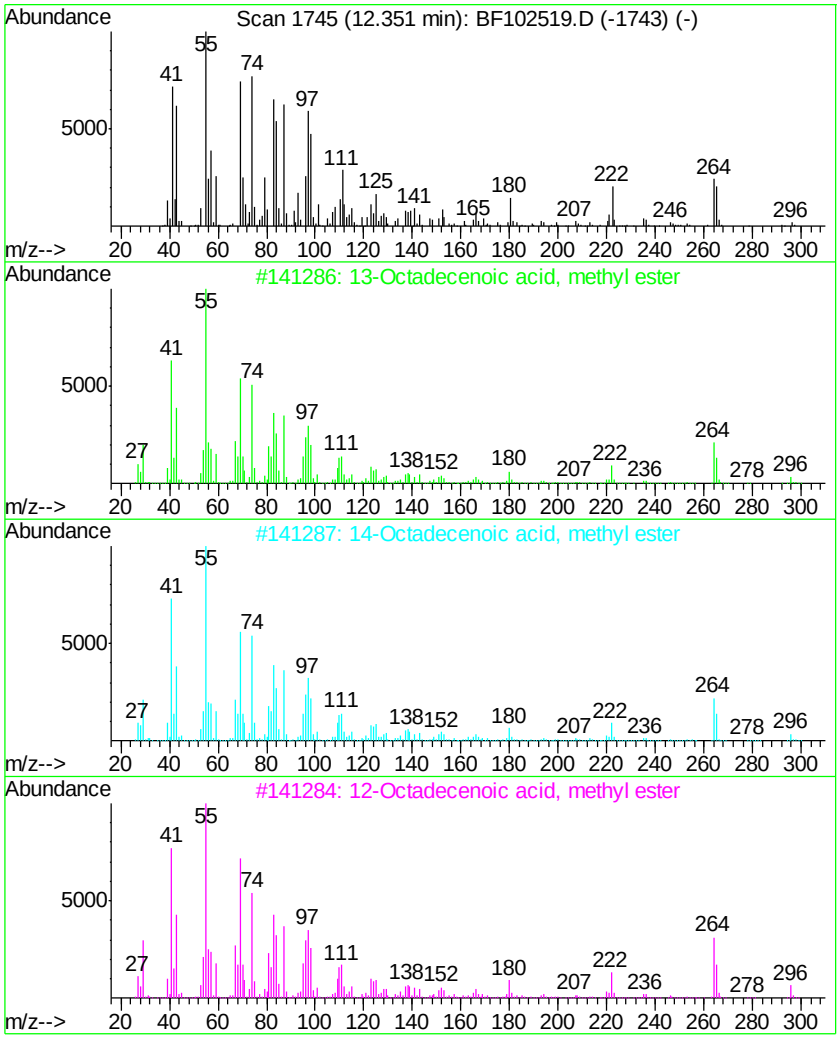
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

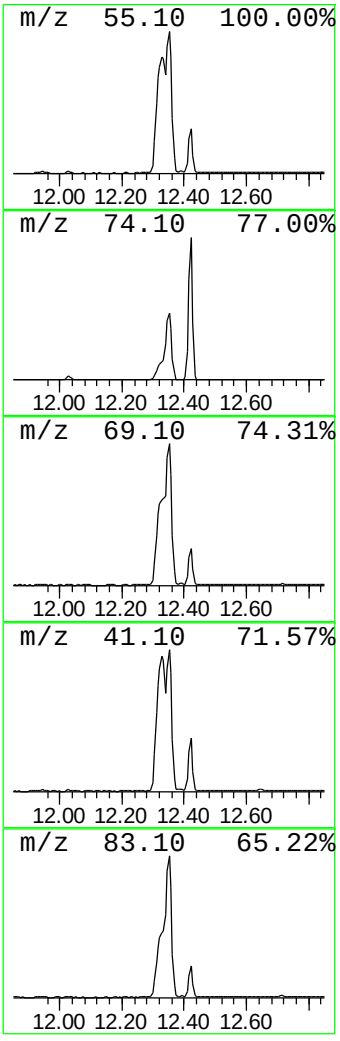
****

Peak Number 8 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	141.06 ng	8074070	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	90
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	90
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	89
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	87
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

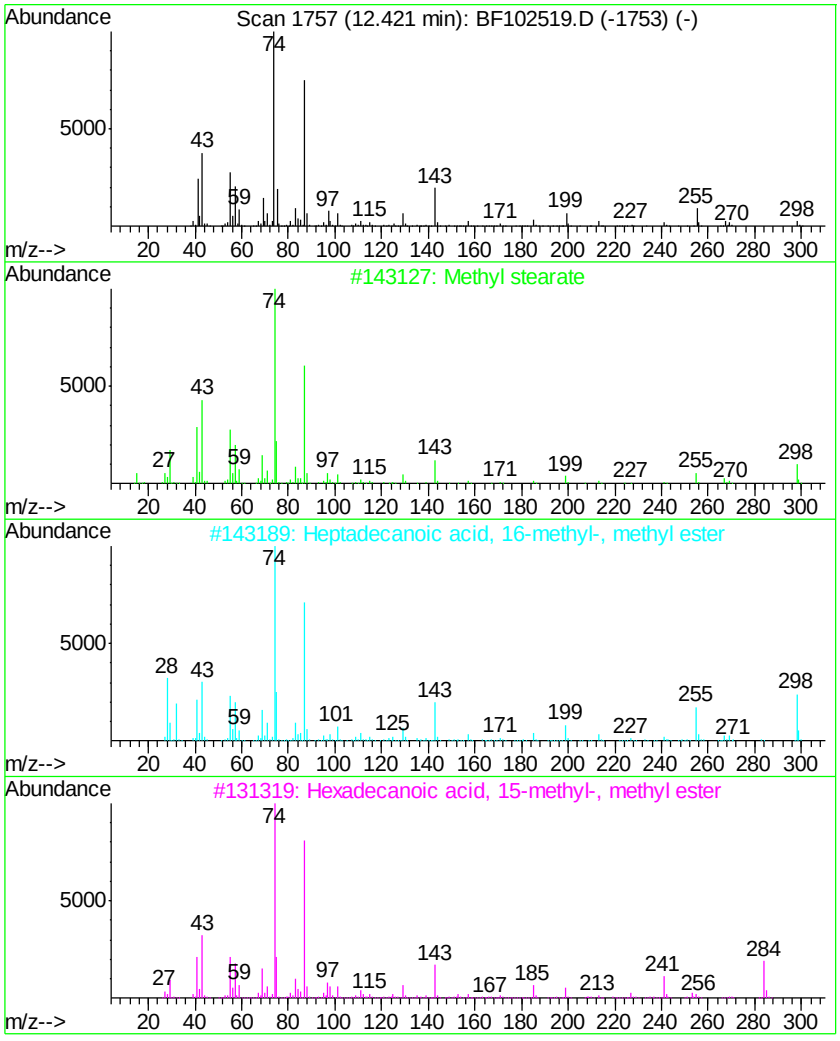
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

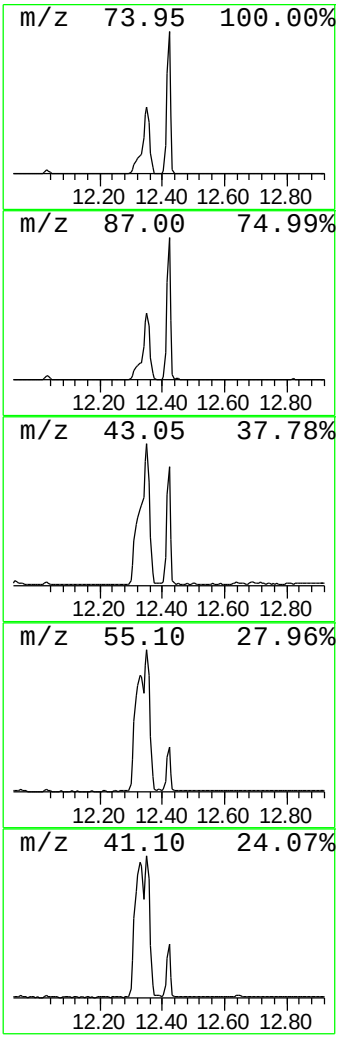
****

Peak Number 9 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	42.80 ng	2449570	Phenanthrene-d10	11.23

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	91
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

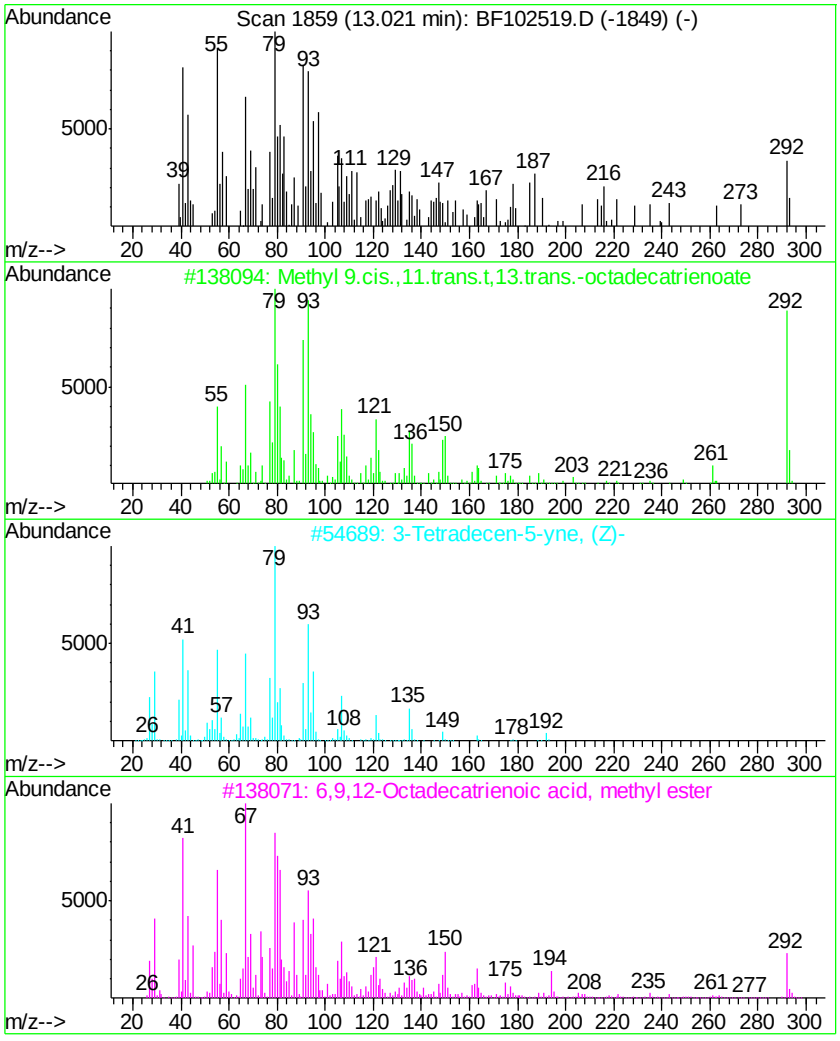
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

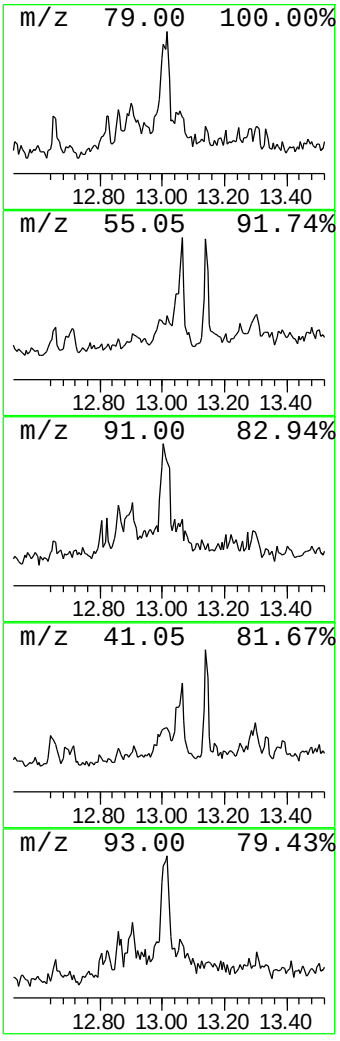
****

Peak Number 10 Methyl 9.cis.,11.trans.t,13... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	5.45 ng	220323	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	89
2	3-Tetradecen-5-yne, (Z)-	192	C14H24	074663-68-6	64
3	6,9,12-Octadecatrienoic acid, me...	292	C19H32O2	002676-41-7	55
4	Bicyclo[3.2.0]heptane, 2-methylene-	108	C8H12	089243-94-7	55
5	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

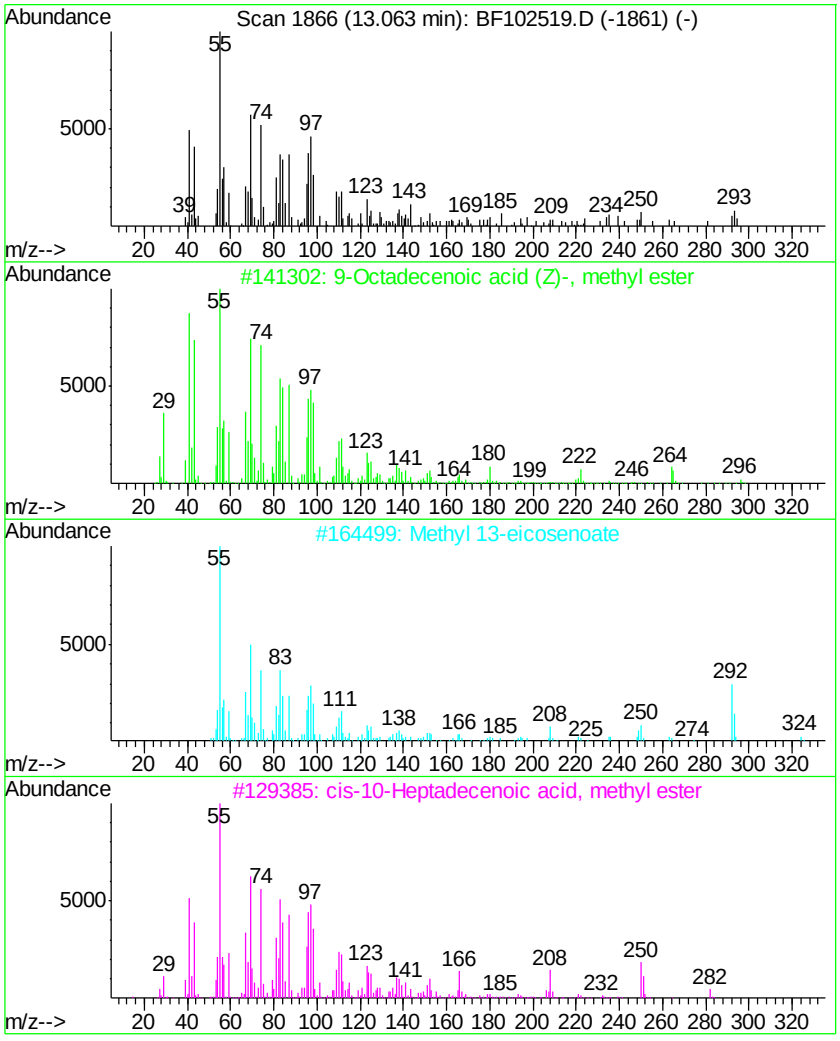
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

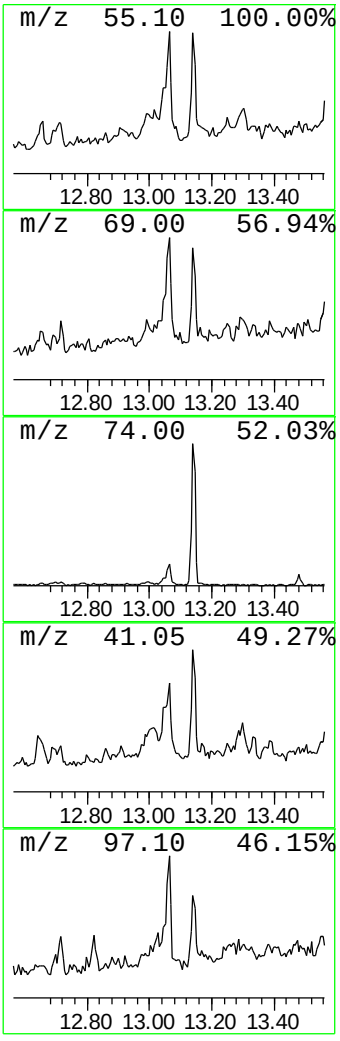
****

Peak Number 11 9-Octadecenoic acid (Z)-, m... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	6.37 ng	257664	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	81
2	Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	80
3	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	72
4	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	72
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

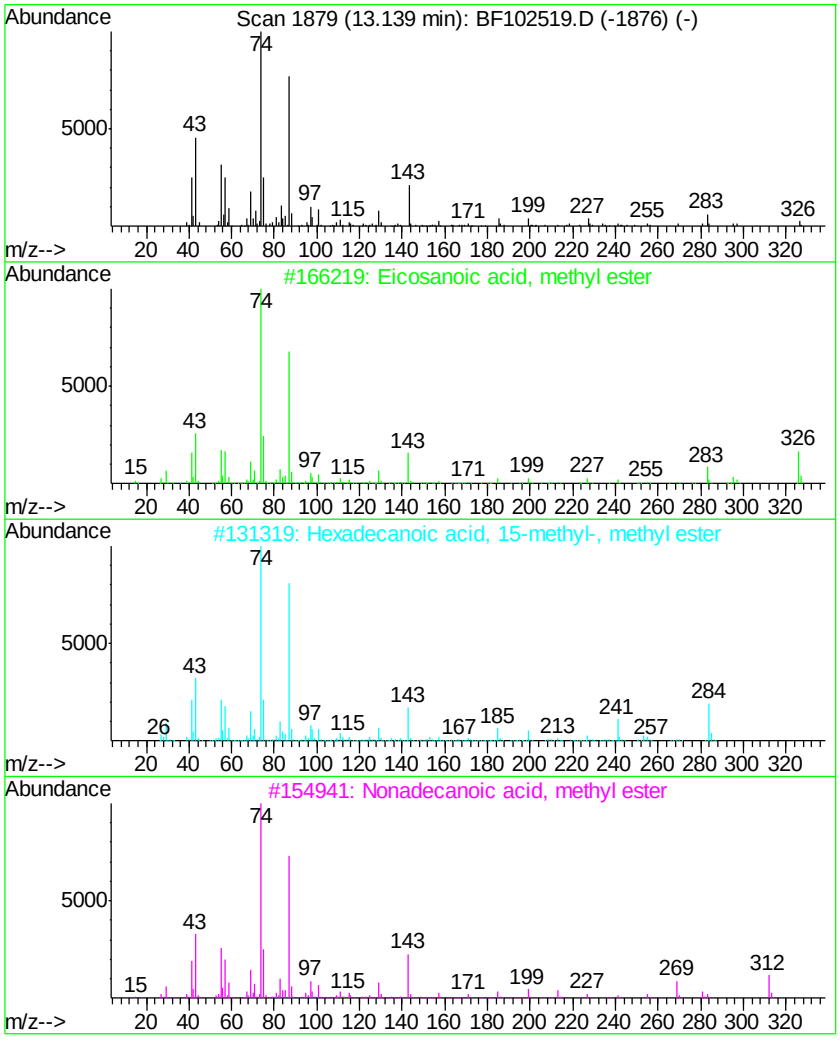
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

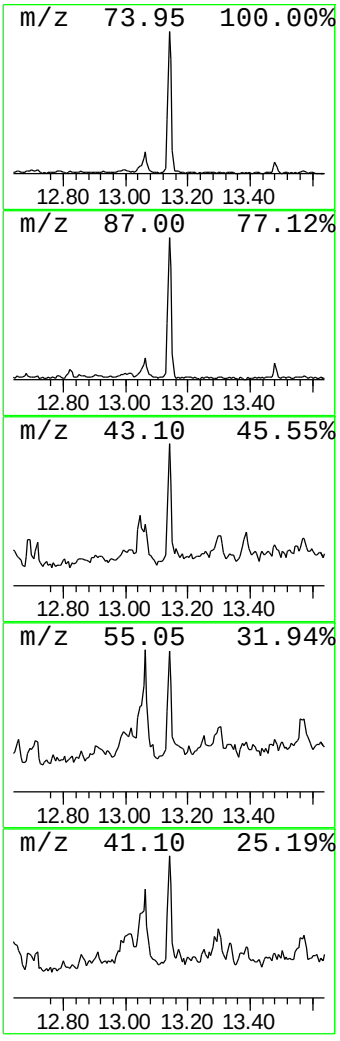
****

Peak Number 12 Eicosanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	5.20 ng	210277	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	91
4	Methyl stearate	298	C19H38O2	000112-61-8	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

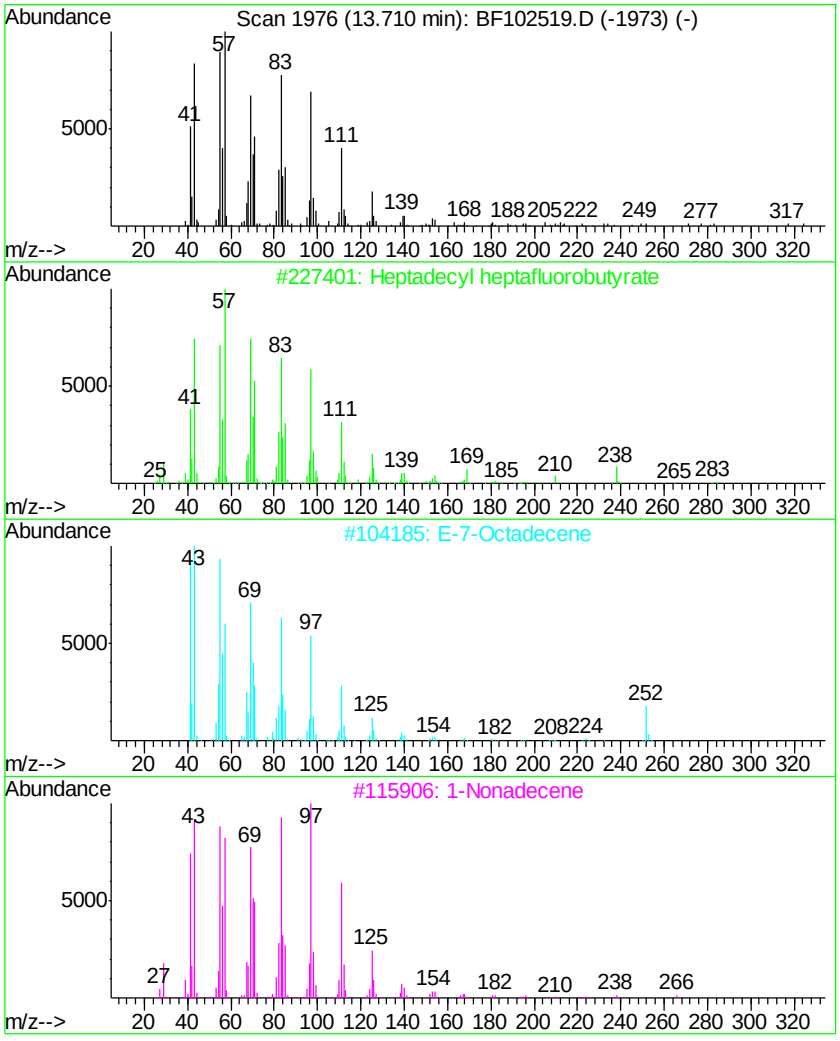
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

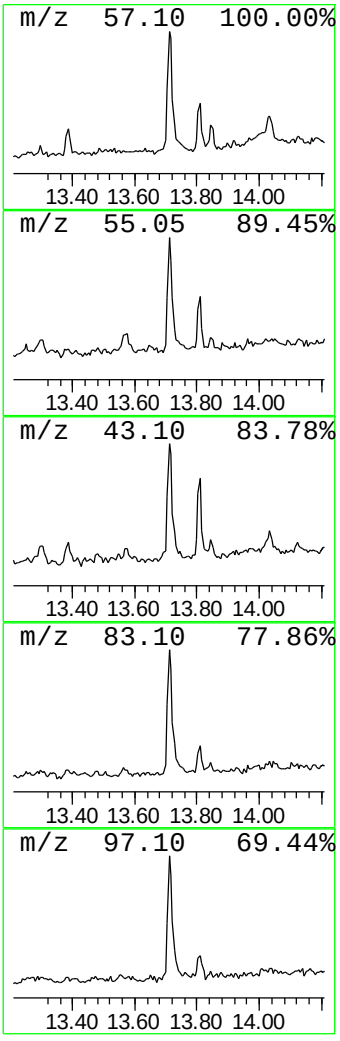
****

Peak Number 13 Heptadecyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	8.43 ng	341225	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	E-7-Octadecene	252	C18H36	1000130-92-0	93
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Behenic alcohol	326	C22H46O	000661-19-8	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

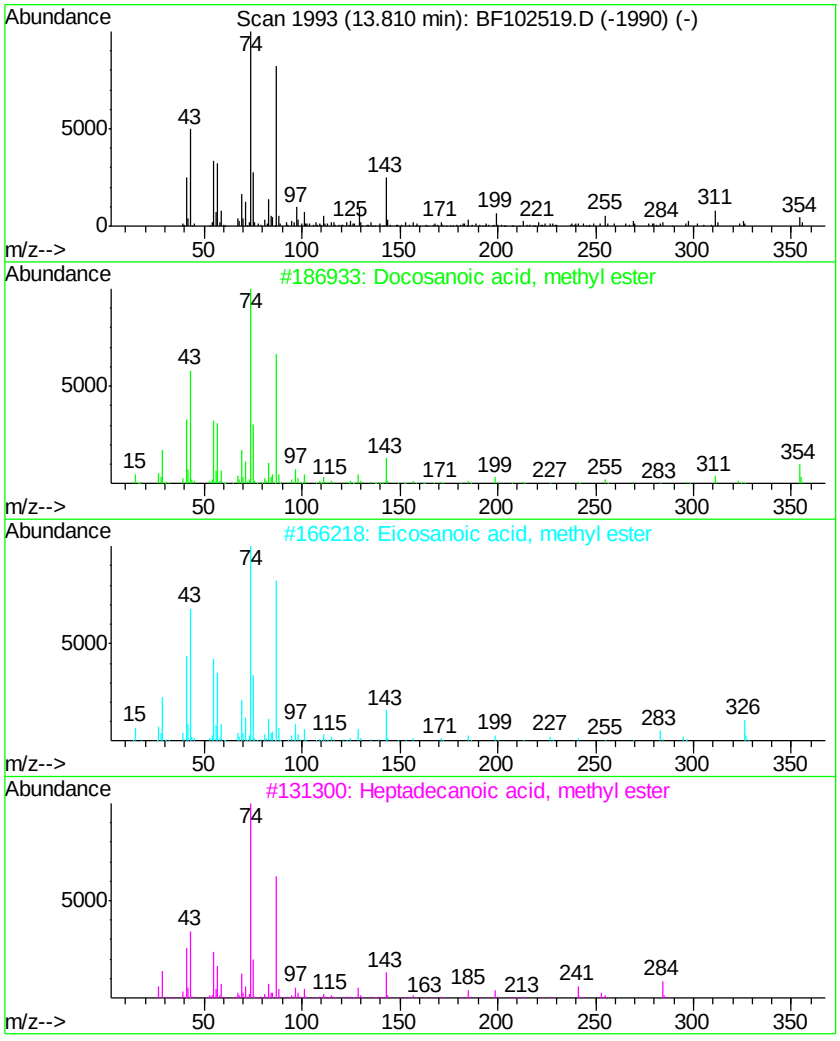
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

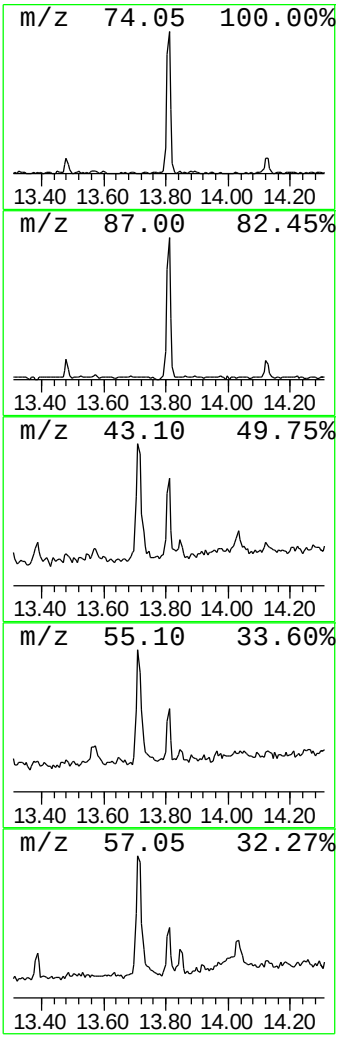
****

Peak Number 14 Docosanoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.45 ng	180052	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	93
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
5	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102519.D
Acq On : 27 Jan 2018 19:20
Operator : SJ/JU
Sample : J1009-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
unknown6.49	6.49	66.2	ng	3389510	1	6.72	1023460	20.0
Hexadecane	9.67	2.2	ng	152535	3	9.75	1373870	20.0
Pentadecane	10.17	2.6	ng	181974	3	9.75	1373870	20.0
Hexadecanoic acid...	11.63	89.7	ng	5132940	4	11.23	1144770	20.0
10,13-Octadecadie...	12.33	228.6	ng	13086600	4	11.23	1144770	20.0
13-Octadecenoic a...	12.35	141.1	ng	8074070	4	11.23	1144770	20.0
Methyl stearate	12.42	42.8	ng	2449570	4	11.23	1144770	20.0
Methyl 9.cis.,11....	13.02	5.5	ng	220323	5	13.87	809107	20.0
9-Octadecenoic ac...	13.06	6.4	ng	257664	5	13.87	809107	20.0
Eicosanoic acid, ...	13.14	5.2	ng	210277	5	13.87	809107	20.0
Heptadecyl heptaf...	13.71	8.4	ng	341225	5	13.87	809107	20.0
Docosanoic acid, ...	13.81	4.5	ng	180052	5	13.87	809107	20.0