LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111702.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-122018

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-BF121918.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	5.528	581	585	588	rBV	1931083	1656296	4.50%	1.695%
2	6.534	752	756	762	rBV	2069024	1885050	5.12%	1.929%
3	6.675	776	780	783	rBV	2027645	1780952	4.84%	1.822%
4	6.898	815	818	822	rBV	1125024	985473	2.68%	1.008%
5	7.057	841	845	849	rBV	1678115	1362388	3.70%	1.394%
6	7.457	904	913	916	rBV	1297688	1099137	2.99%	1.125%
7	8.186	1031	1037	1040	rBV	1272815	1211604	3.29%	1.240%
8	9.257	1215	1219	1222	rBV	2304103	1724116	4.69%	1.764%
9	9.939	1331	1335	1339	rVB	1370930	1118939	3.04%	1.145%
10	10.727	1465	1469	1472	rBV	1120155	1025146	2.79%	1.049%
11	10.945	1503	1506	1509	rBV	677806	498856	1.36%	0.510%
12	11.422	1584	1587	1590	rBV	1145838	1058346	2.88%	1.083%
13	11.739	1639	1641	1646	rVB	888087	710730	1.93%	0.727%
14	11.827	1651	1656	1659	rBV	12387805	12913342	35.09%	13.214%
15	12.533	1767	1776	1778	rBV	15903538	36800658	100.00%	37.659%
16	12.557	1778	1780	1784	rVV2	17156418	20063984	54.52%	20.532%
17	12.621	1787	1791	1794	rVV	8234596	6787131	18.44%	6.945%
18	13.010	1854	1857	1861	rBV	1619424	1471327	4.00%	1.506%
19	13.204	1885	1890	1893	rBV4	280723	393603	1.07%	0.403%
20	13.257	1893	1899	1905	rVB	651411	801015	2.18%	0.820%
21	13.333	1909	1912	1916	rBV	650807	565166	1.54%	0.578%
22	14.004	2023	2026	2029	rBV	499725	449605	1.22%	0.460%
23	14.063	2032	2036	2039	rVV	913513	827214	2.25%	0.847%
24	15.545	2284	2288	2292	rVB	448926	531567	1.44%	0.544%

Sum of corrected areas: 97721645

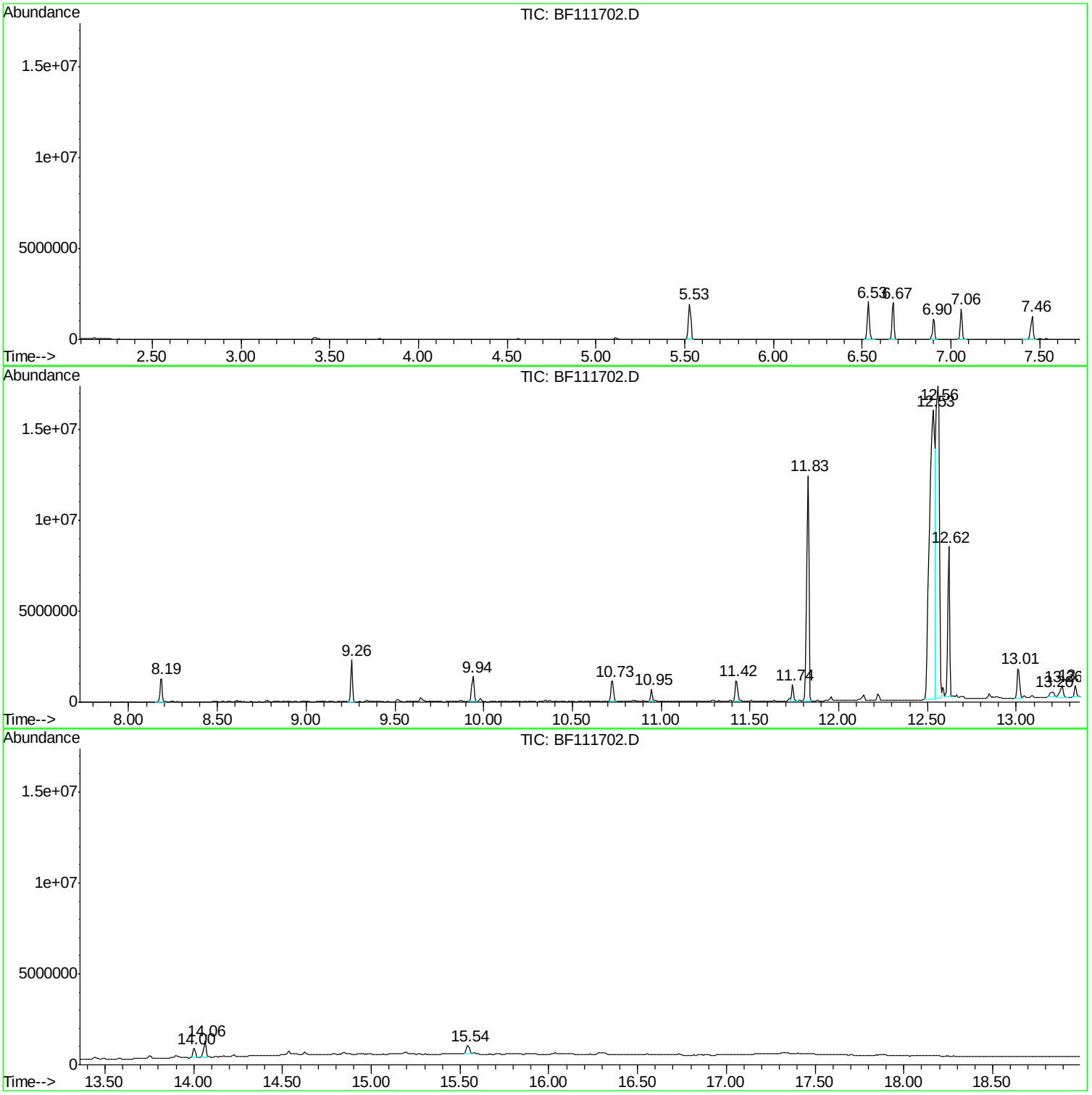
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111702.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-122018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111702.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-122018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

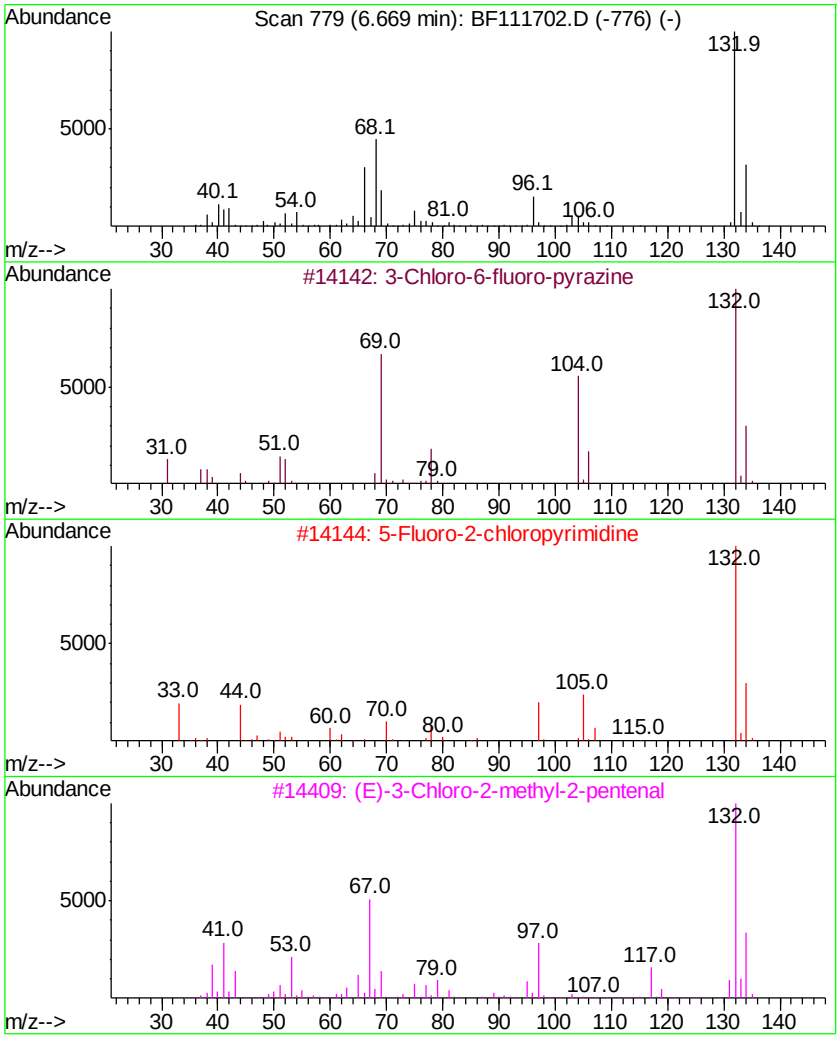
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

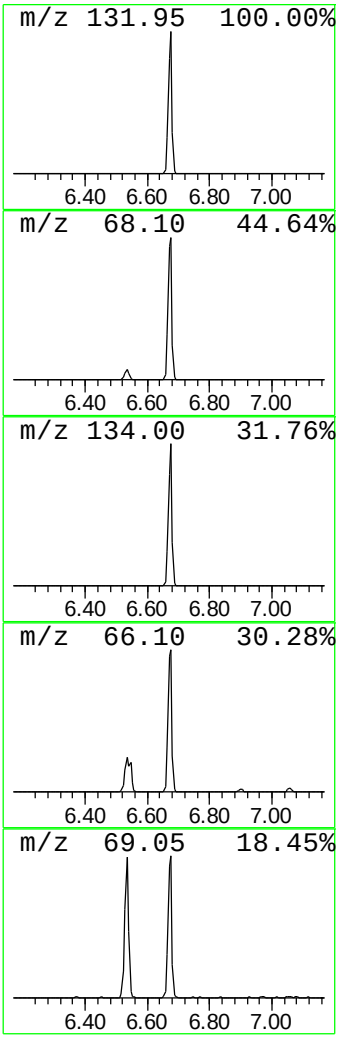
****

Peak Number 1 unknown6.67 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	36.14 ng	1780950	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111702.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-122018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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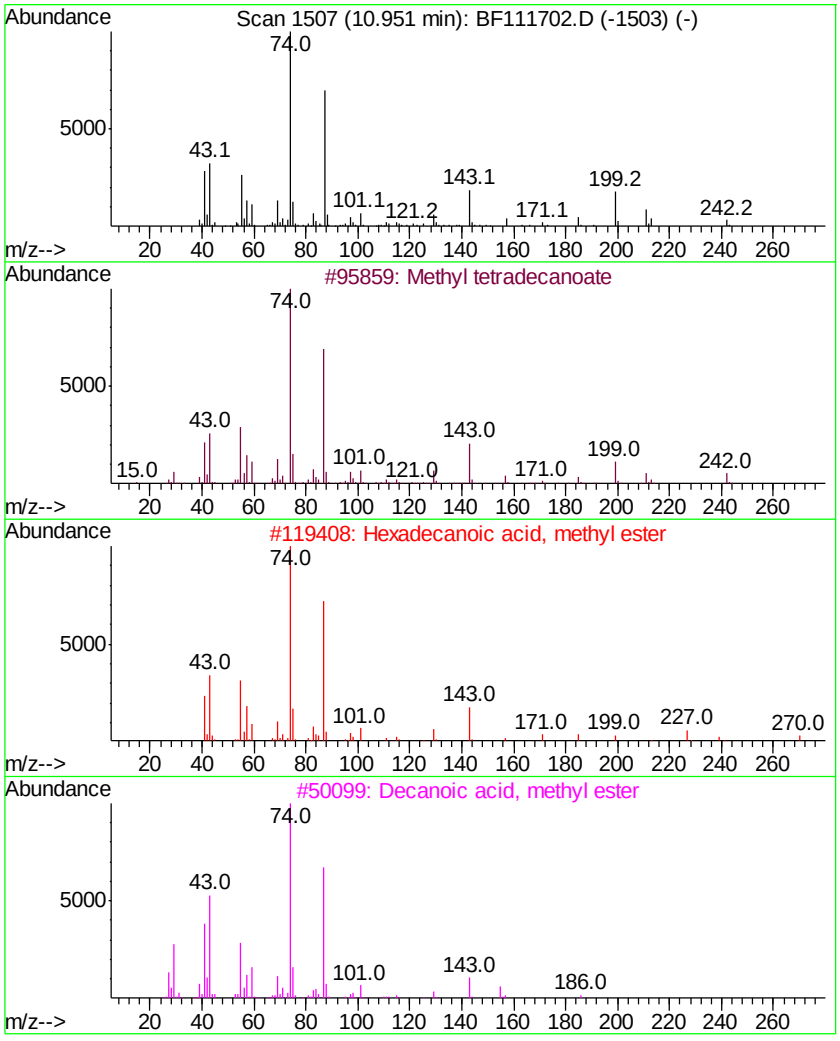
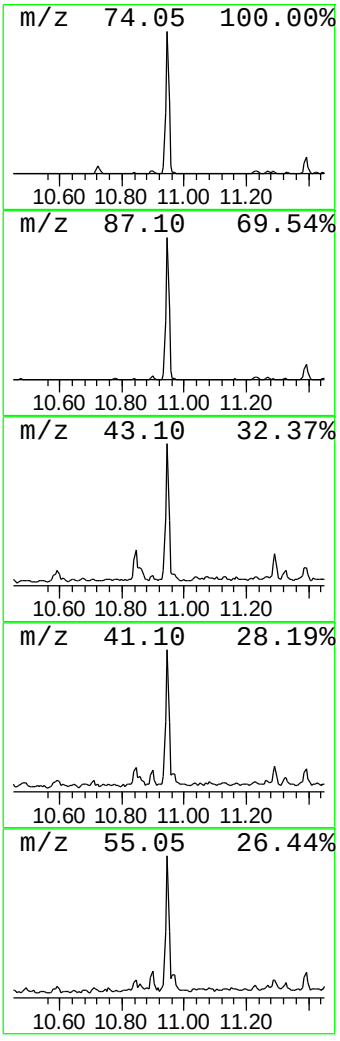
Peak Number 3 Methyl tetradecanoate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	9.43 ng	498856	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111702.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-122018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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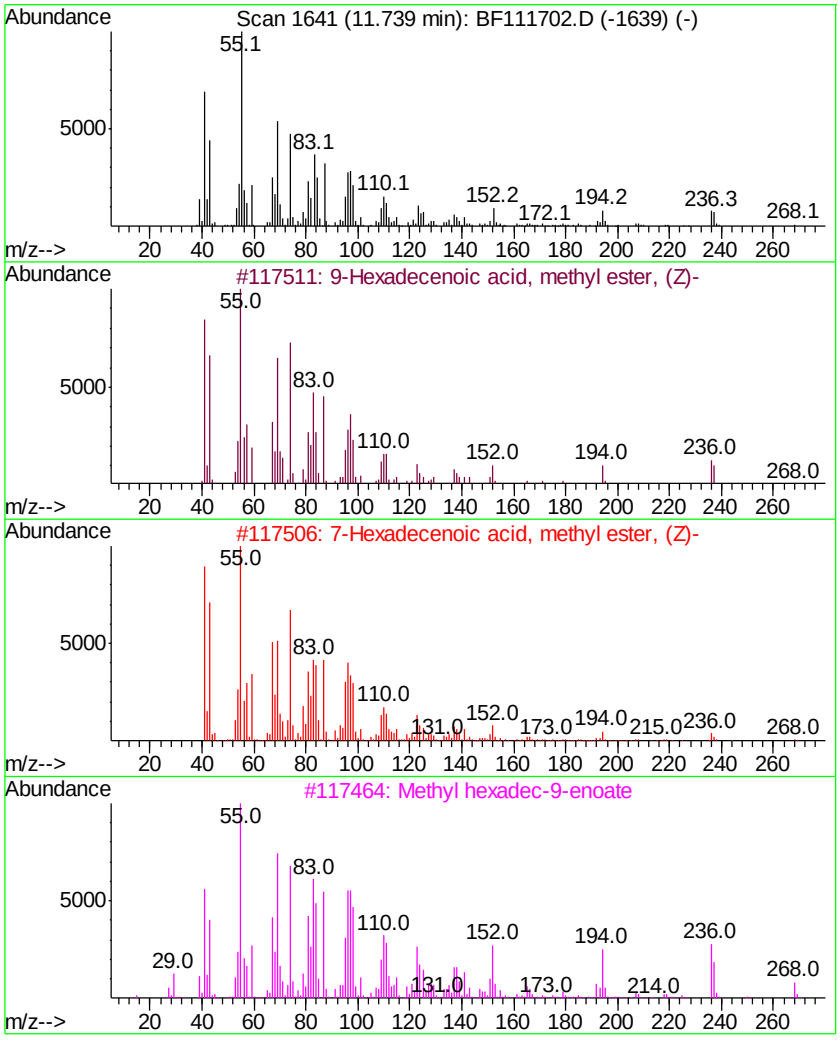
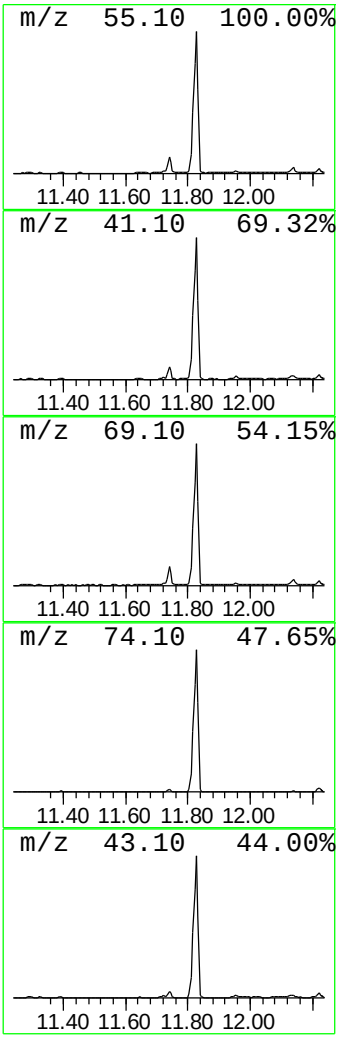
Peak Number 4 9-Hexadecenoic acid, methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	13.43 ng	710730	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	98
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	90
3	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	87
4	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	87
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111702.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-122018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

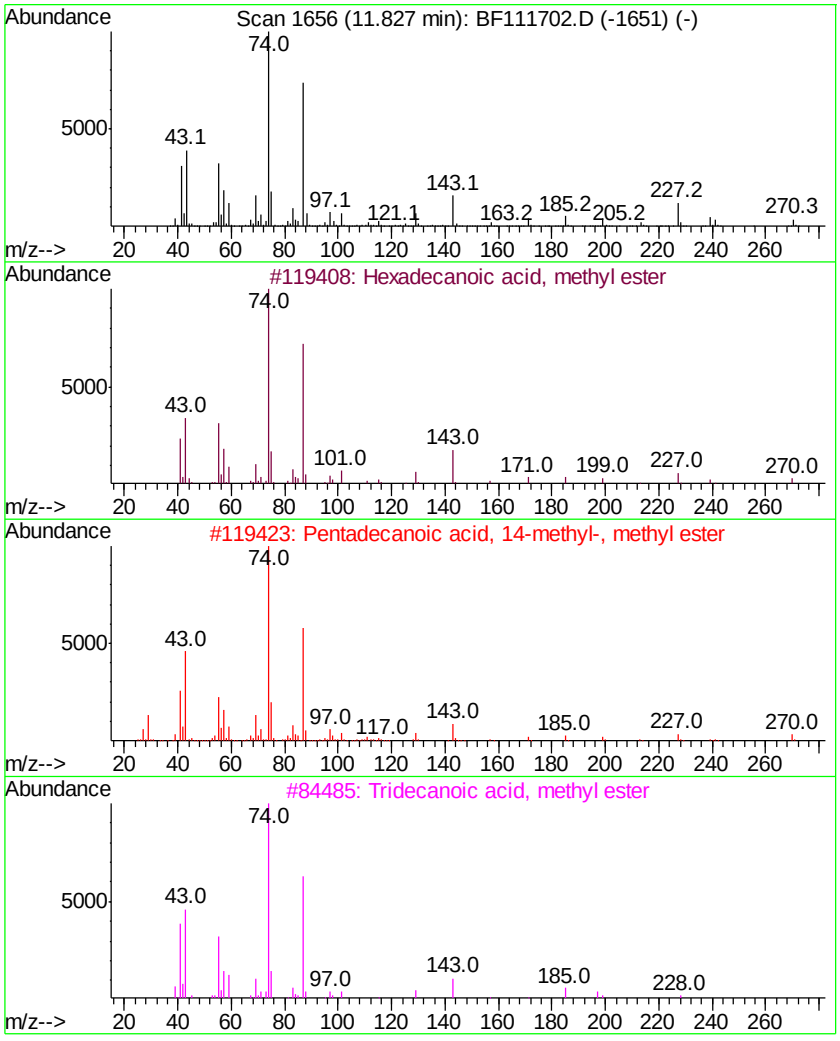
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

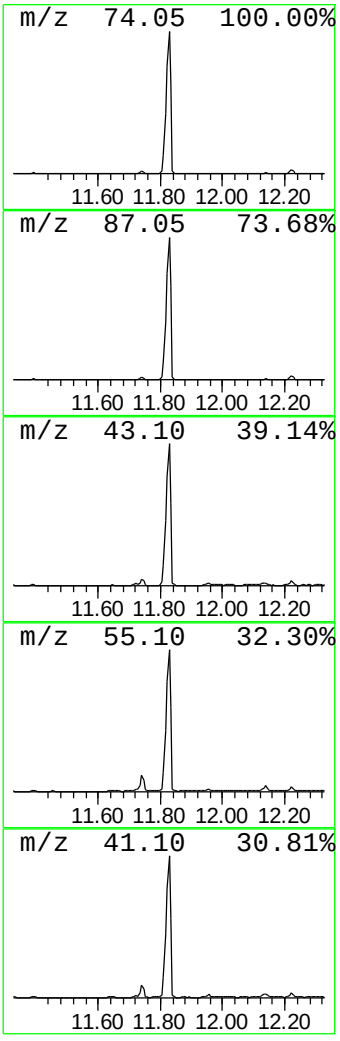
****

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	244.03 ng	12913300	Phenanthrene-d10	11.42

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	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111702.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-122018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

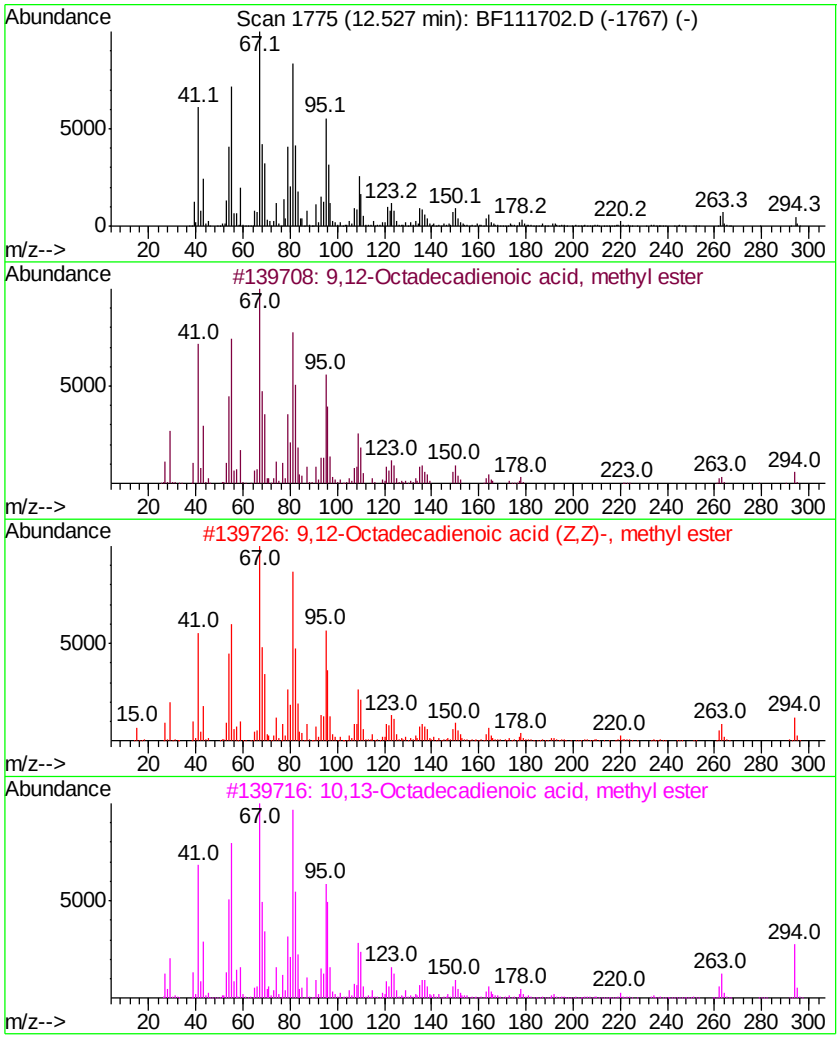
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

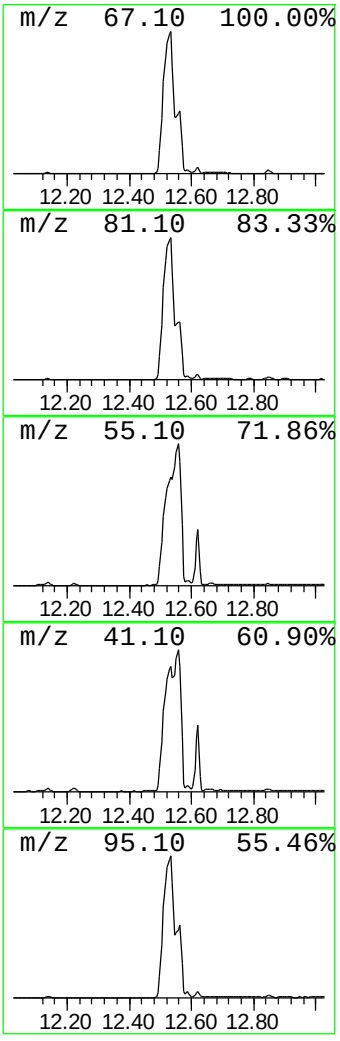
****

Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	695.44 ng	36800700	Phenanthrene-d10	11.42

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	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111702.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-122018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

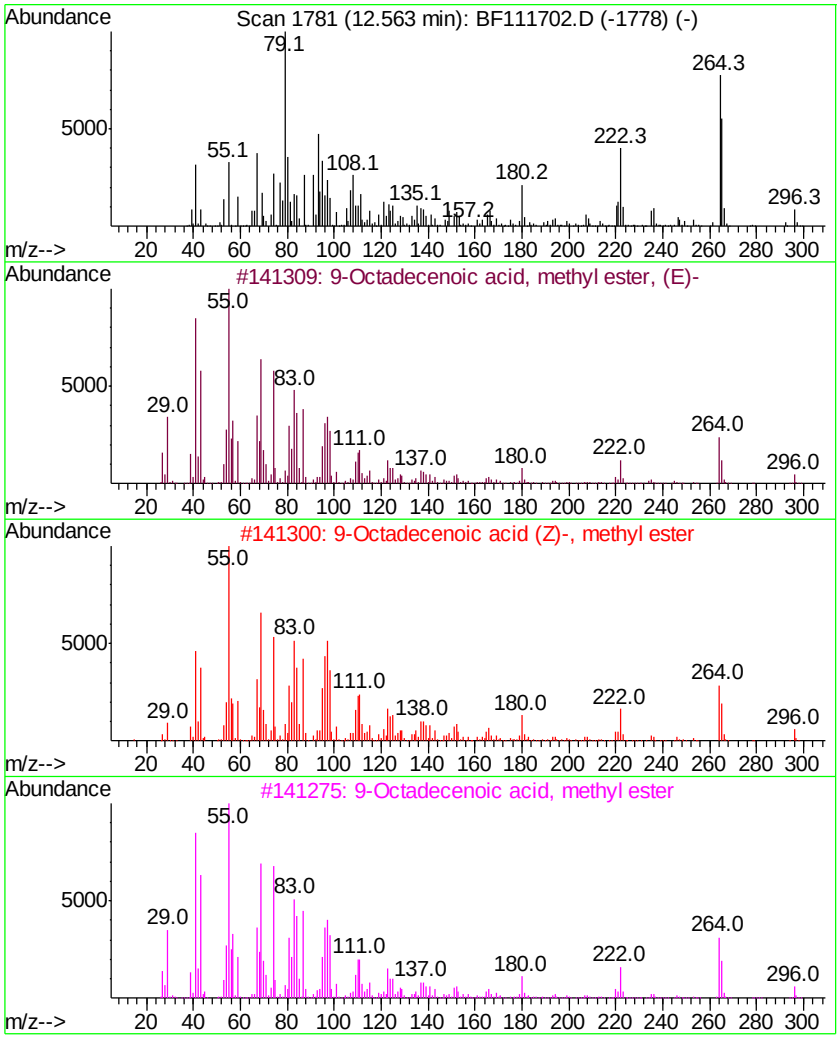
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

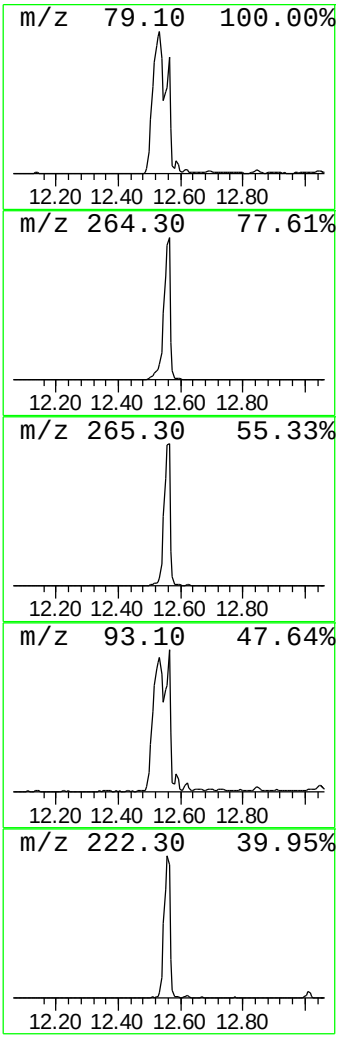
****

Peak Number 7 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	379.16 ng	20064000	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	93
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	93
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	93
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111702.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-122018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

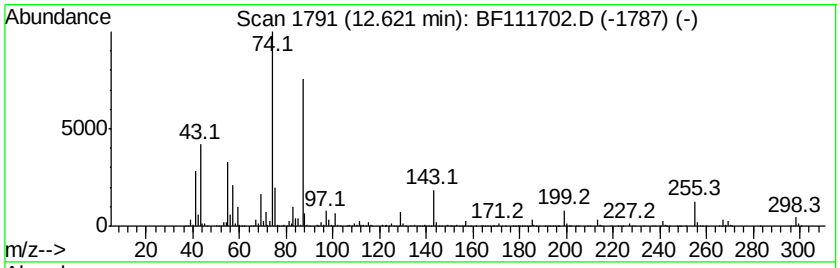
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

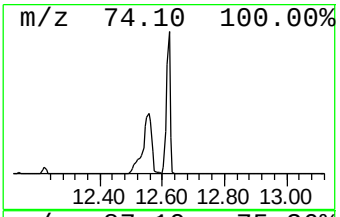
****

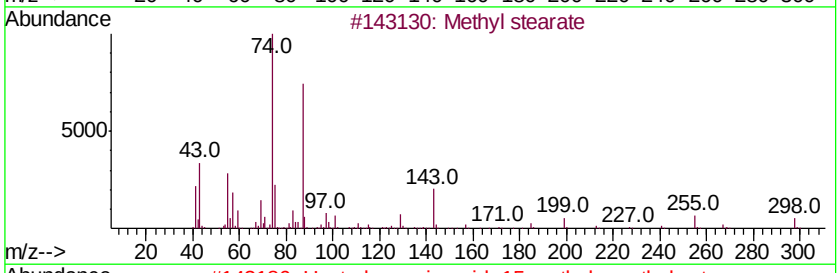
Peak Number 8 Methyl stearate Concentration Rank 4

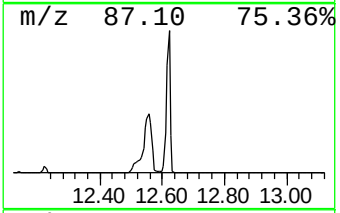
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	128.26 ng	6787130	Phenanthrene-d10	11.42

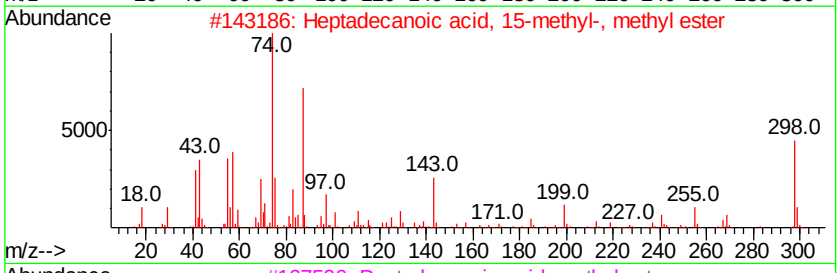
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89

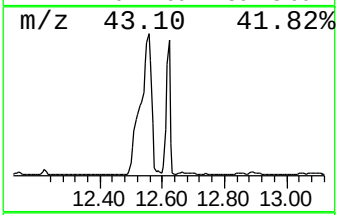


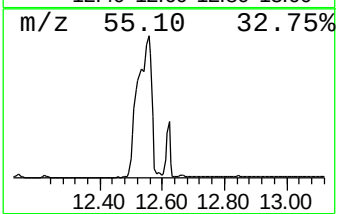


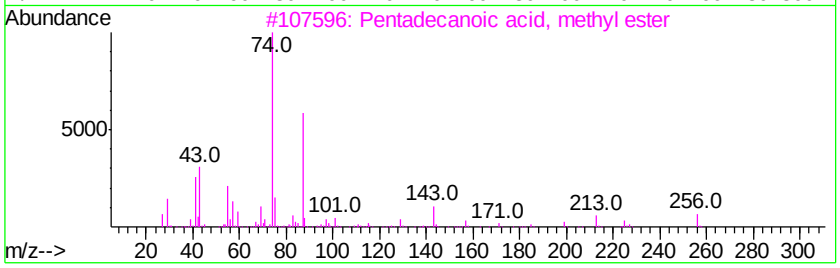


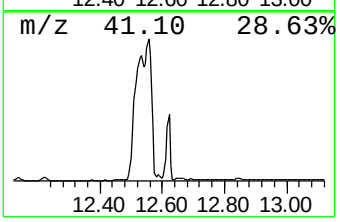












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111702.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-122018

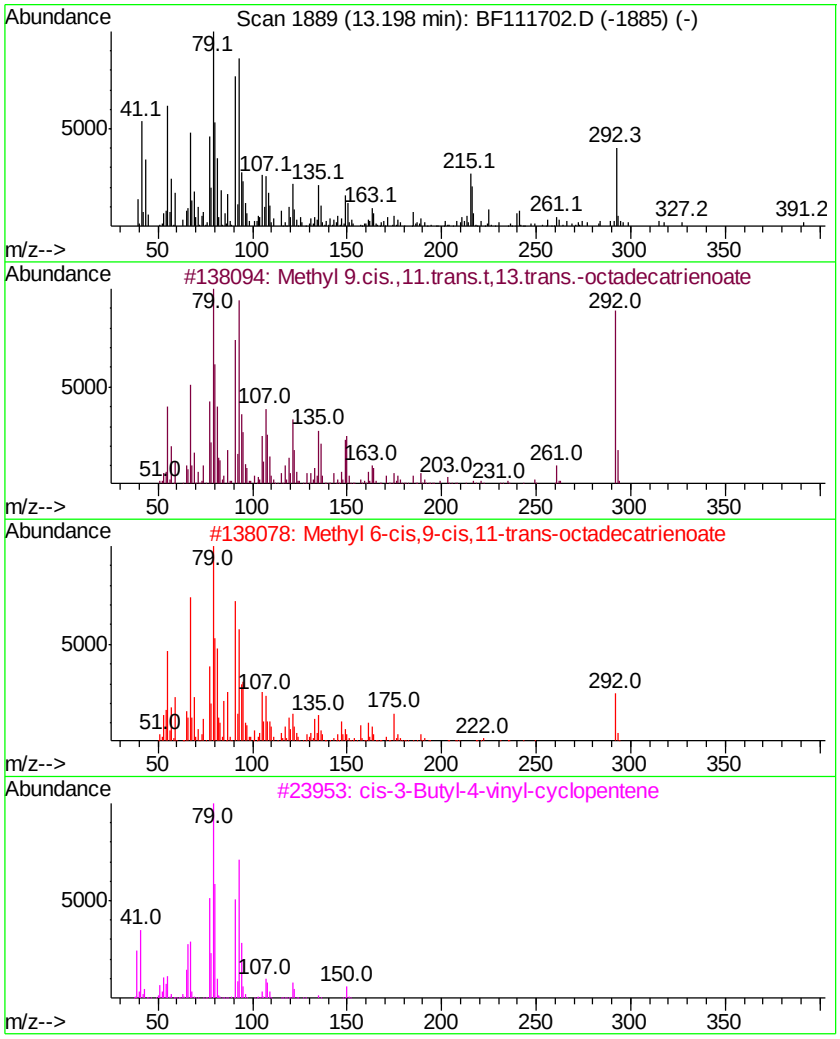
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

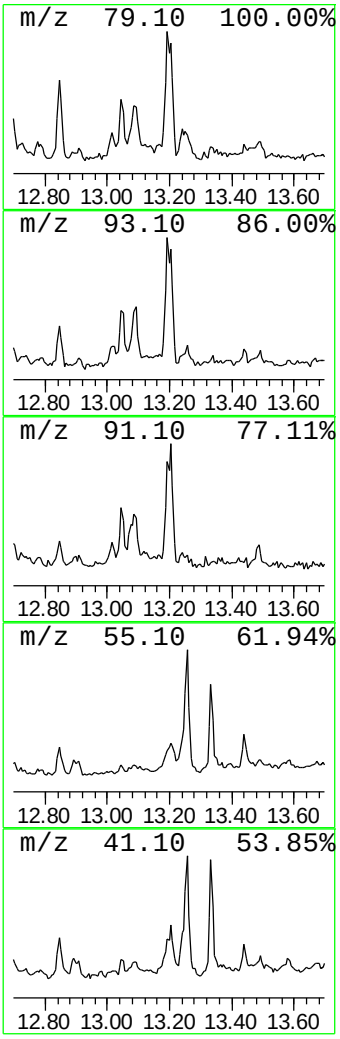
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	9.52 ng	393603	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	93
2	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	86
3	cis-3-Butyl-4-vinyl-cyclopentene	150	C11H18	093779-52-3	70
4	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	64
5	m-Mentha-4,8-diene, (1S,3S)-(+)-	136	C10H16	005208-51-5	58





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Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-122018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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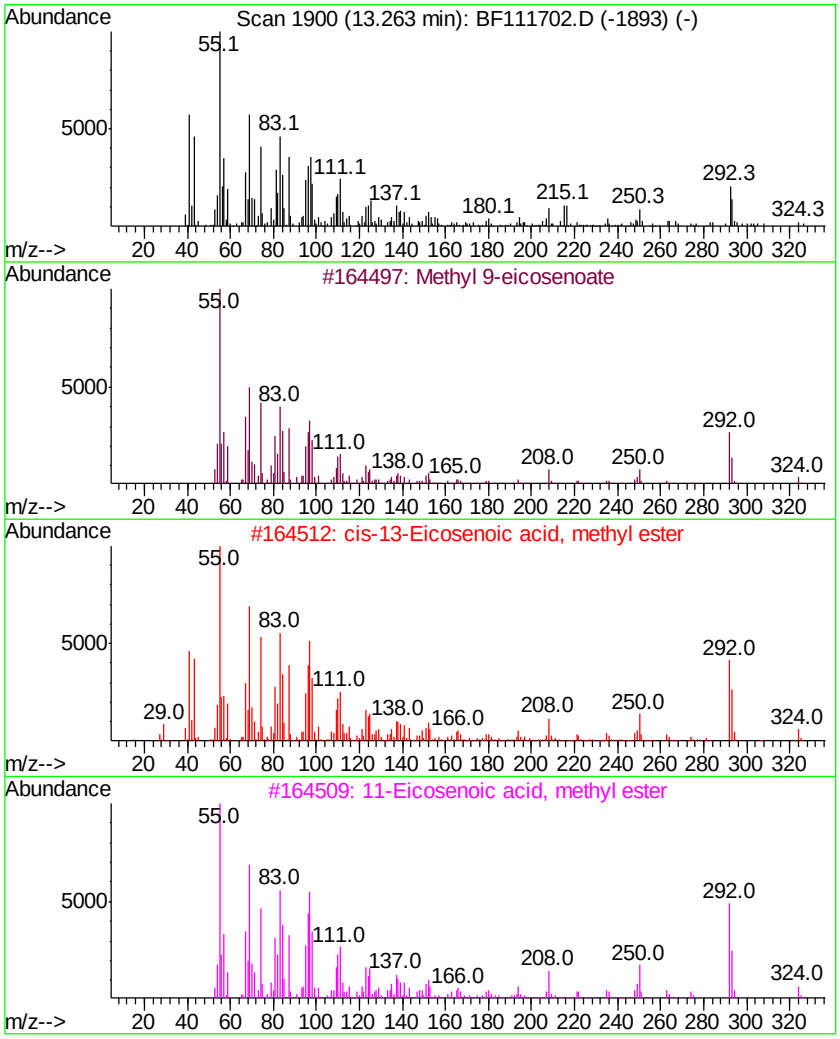
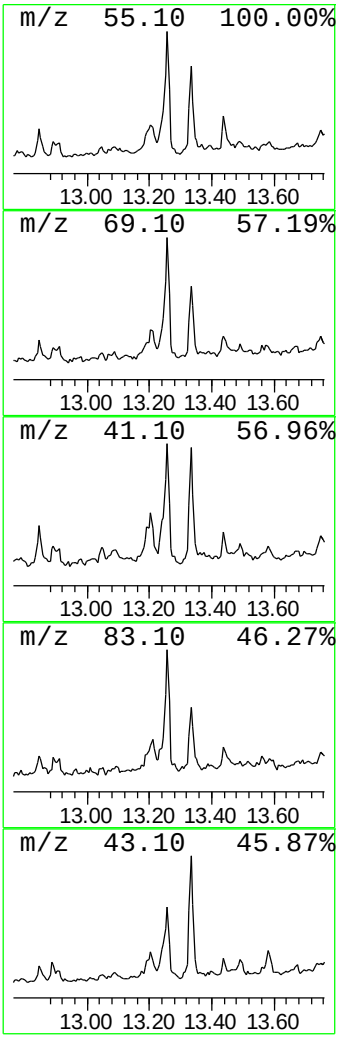
Peak Number 10 Methyl 9-eicosenoate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	19.37 ng	801015	Chrysene-d12	14.06

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	98
3	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	91
4	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	91
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	90





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Data File : BF111702.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-122018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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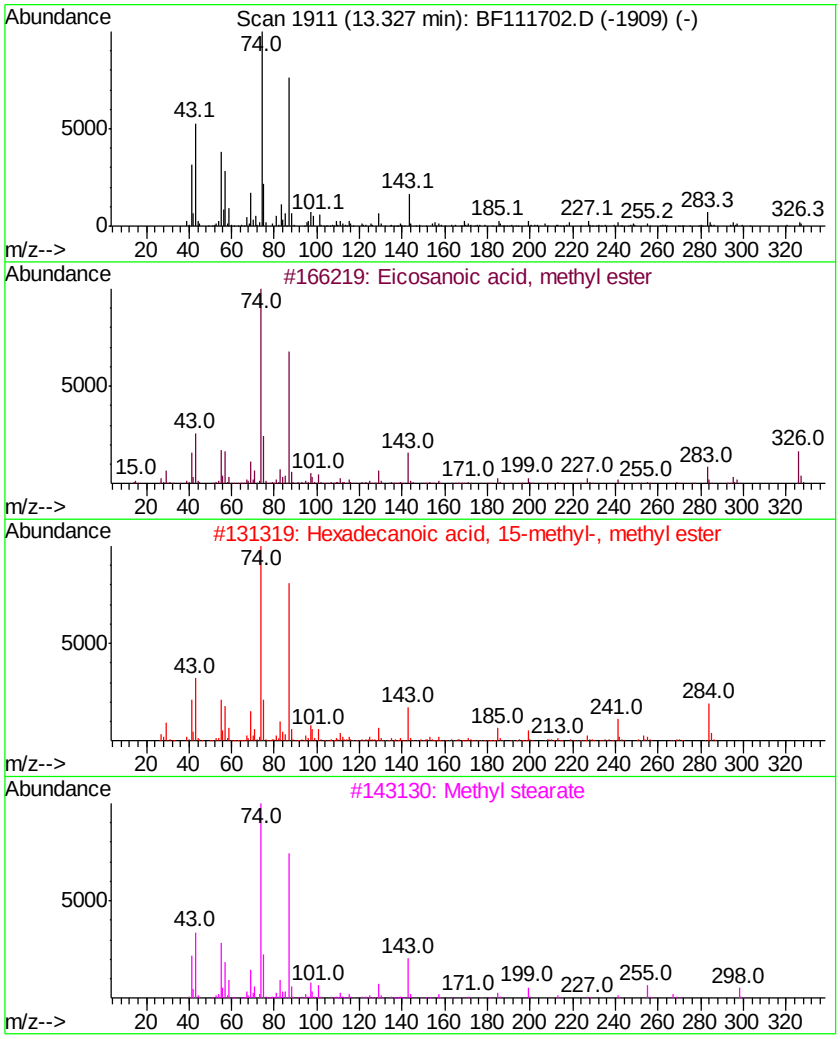
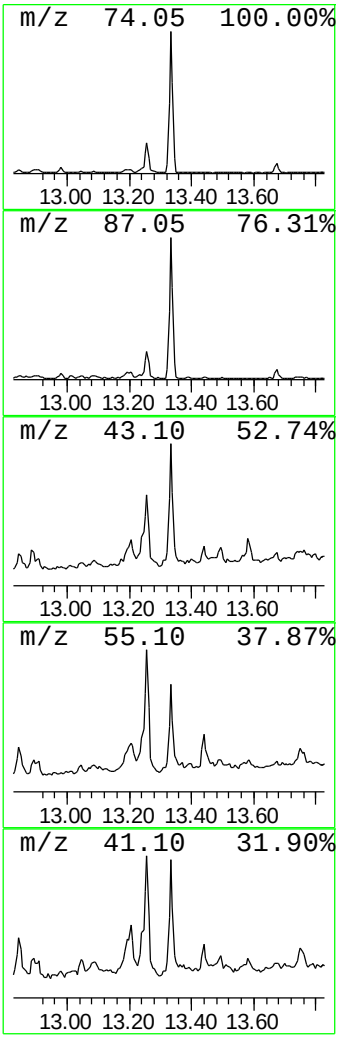
Peak Number 11 Eicosanoic acid, methyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	13.66 ng	565166	Chrysene-d12	14.06

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	96
3	Methyl stearate	298	C19H38O2	000112-61-8	93
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111702.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-122018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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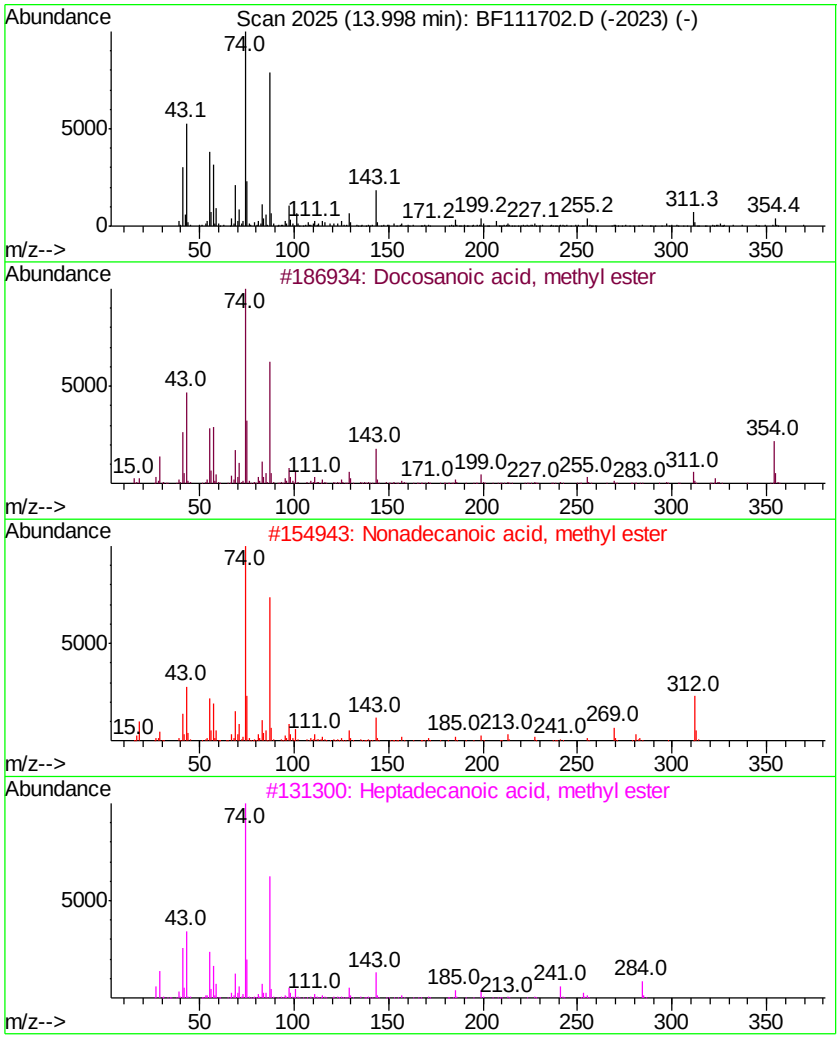
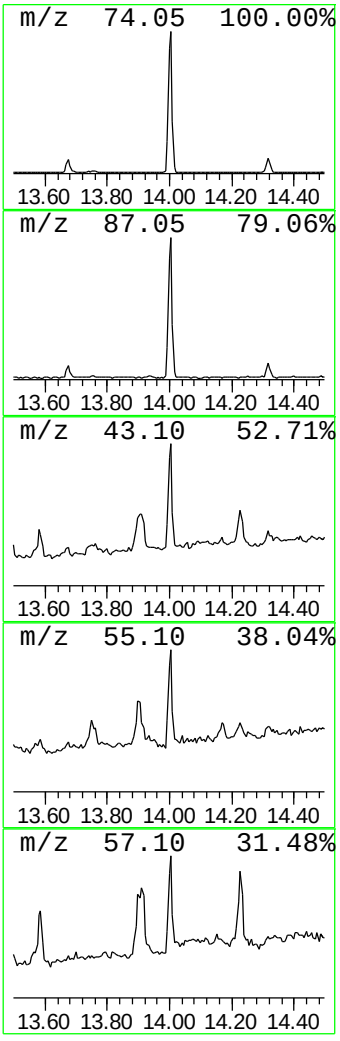
Peak Number 12 Docosanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	10.87 ng	449605	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	97
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	95
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
4	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111702.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6200-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-122018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
unknown6.67	6.67	36.1	ng	1780950	1	6.90	985473	20.0
Methyl tetradecan...	10.95	9.4	ng	498856	4	11.42	1058350	20.0
9-Hexadecenoic ac...	11.74	13.4	ng	710730	4	11.42	1058350	20.0
Hexadecanoic acid...	11.83	244.0	ng	12913300	4	11.42	1058350	20.0
9,12-Octadecadien...	12.53	695.4	ng	36800700	4	11.42	1058350	20.0
9-Octadecenoic ac...	12.56	379.2	ng	20064000	4	11.42	1058350	20.0
Methyl stearate	12.62	128.3	ng	6787130	4	11.42	1058350	20.0
Methyl 9.cis.,11....	13.20	9.5	ng	393603	5	14.06	827214	20.0
Methyl 9-eicosenoate	13.26	19.4	ng	801015	5	14.06	827214	20.0
Eicosanoic acid, ...	13.33	13.7	ng	565166	5	14.06	827214	20.0
Docosanoic acid, ...	14.00	10.9	ng	449605	5	14.06	827214	20.0