LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107347.D
Acq On : 12 Jul 2018 18:54
Operator : JU/SJ
Sample : J3832-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-071018

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-BF061918.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	5.154	475	479	494	rBV	97913	110087	1.16%	0.456%
2	5.566	546	549	568	rBV	645928	742726	7.83%	3.080%
3	6.578	717	721	736	rBV	661320	739204	7.79%	3.065%
4	6.707	740	743	748	rVB	849073	730078	7.69%	3.027%
5	6.931	777	781	787	rBV	381550	349121	3.68%	1.448%
6	7.084	803	807	815	rBV	703057	589663	6.21%	2.445%
7	7.495	873	877	887	rBV	522090	464874	4.90%	1.928%
8	8.213	995	999	1016	rVB	480896	434262	4.58%	1.801%
9	9.289	1178	1182	1190	rBV	856030	765501	8.07%	3.174%
10	9.683	1243	1249	1255	rBV	123038	109114	1.15%	0.452%
11	9.978	1295	1299	1310	rVB2	475017	426138	4.49%	1.767%
12	10.778	1431	1435	1442	rBV	432811	412225	4.34%	1.709%
13	11.477	1550	1554	1556	rBV	465071	428345	4.51%	1.776%
14	11.766	1600	1603	1607	rVB	126396	115421	1.22%	0.479%
15	11.848	1612	1617	1620	rBV	2170026	2609088	27.49%	10.818%
16	12.583	1729	1742	1746	rBV4	2267965	9490386	100.00%	39.351%
17	12.642	1749	1752	1756	rVB	1640806	1563004	16.47%	6.481%
18	12.877	1788	1792	1795	rVB	191738	177517	1.87%	0.736%
19	12.930	1795	1801	1806	rBV2	133620	186951	1.97%	0.775%
20	13.066	1820	1824	1827	rBV	950096	867408	9.14%	3.597%
21	13.283	1856	1861	1867	rVB	397638	490664	5.17%	2.034%
22	13.360	1871	1874	1877	rBV	352405	318122	3.35%	1.319%
23	13.477	1891	1894	1899	rBV2	146758	159396	1.68%	0.661%
24	13.801	1942	1949	1953	rVB3	381201	615585	6.49%	2.552%
25	13.942	1970	1973	1978	rBV4	63212	96986	1.02%	0.402%
26	14.030	1985	1988	1992	rBV	272818	224461	2.37%	0.931%
27	14.136	2002	2006	2009	rBV	524415	486335	5.12%	2.017%
28	14.660	2092	2095	2100	rVB	94181	100356	1.06%	0.416%
29	15.677	2264	2268	2277	rVB	225266	314208	3.31%	1.303%

Sum of corrected areas: 24117226

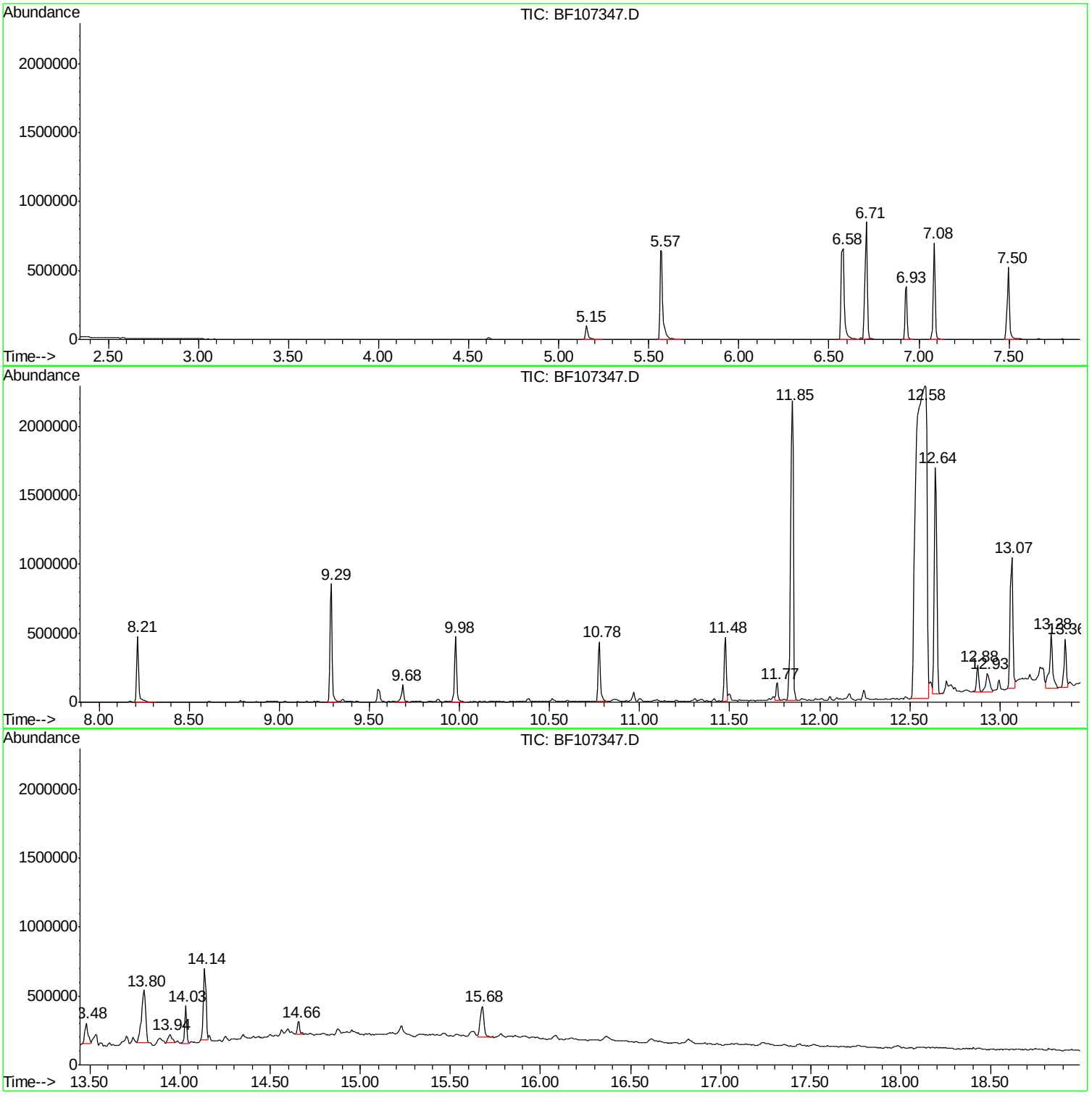
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107347.D
Acq On : 12 Jul 2018 18:54
Operator : JU/SJ
Sample : J3832-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-071018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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

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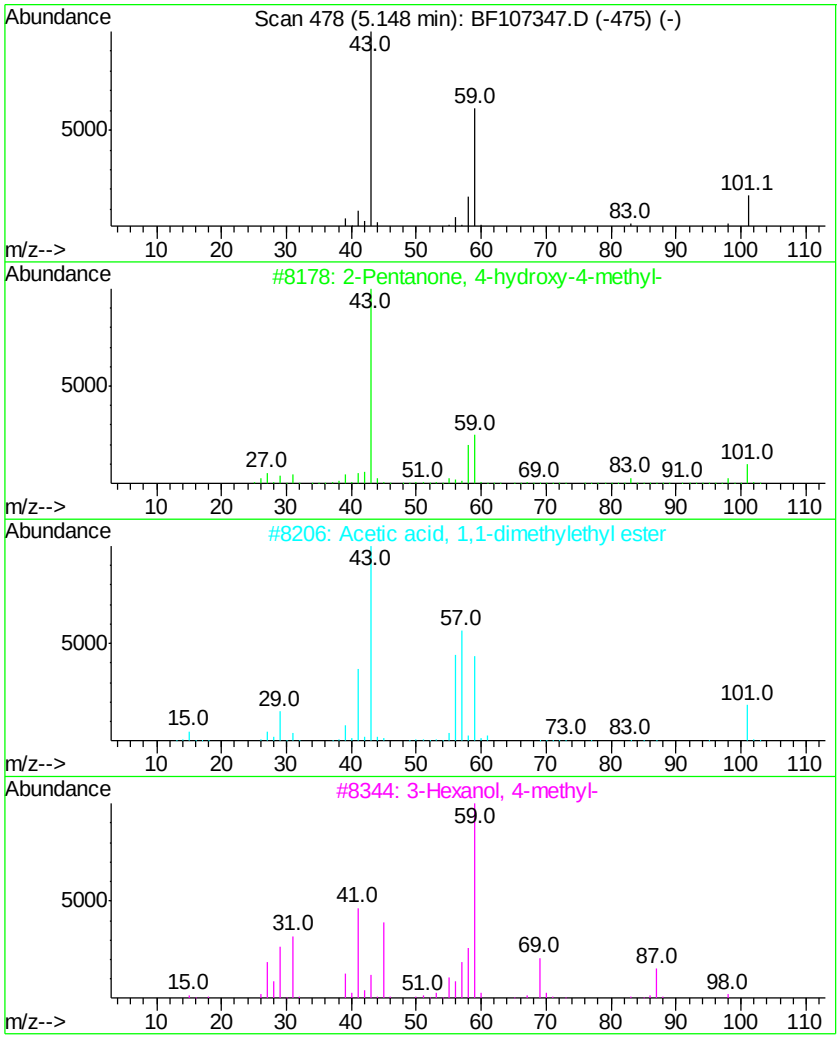
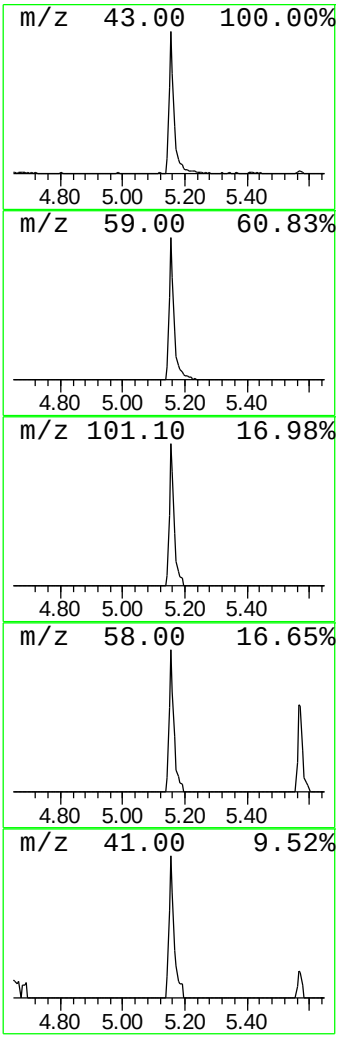
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	6.31 ng	110087	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	3-Hexanol	102	C6H14O	000623-37-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : TR-05-071018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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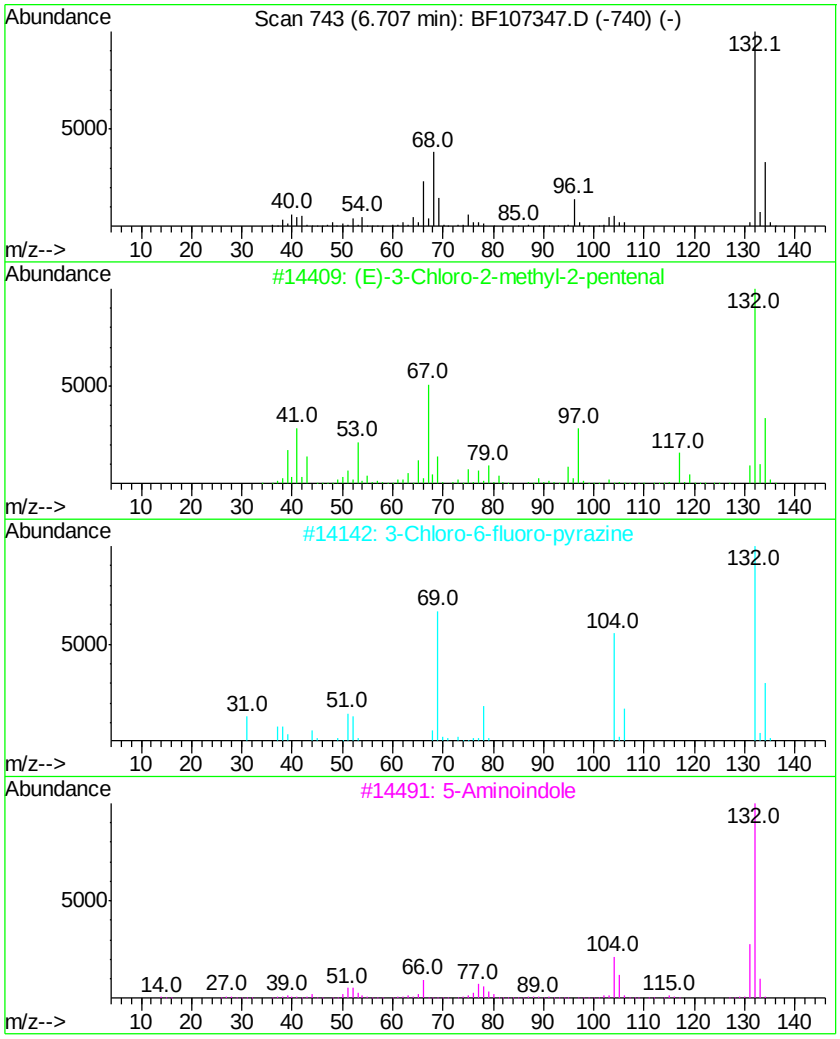
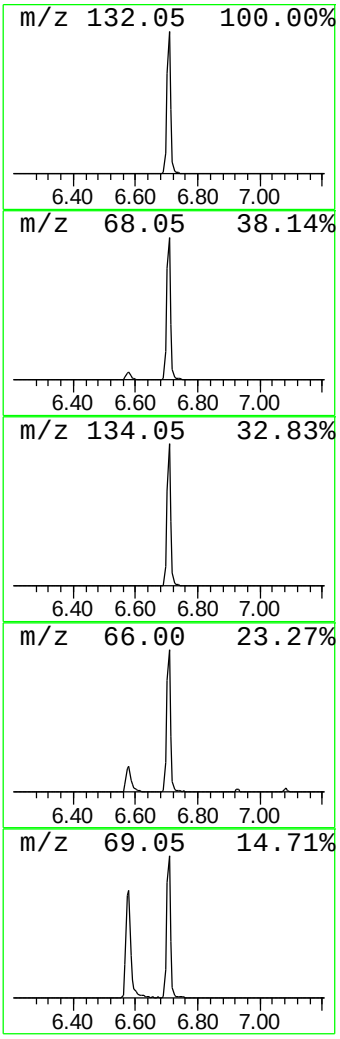
Peak Number 2 unknown6.71 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	41.82 ng	730078	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-071018

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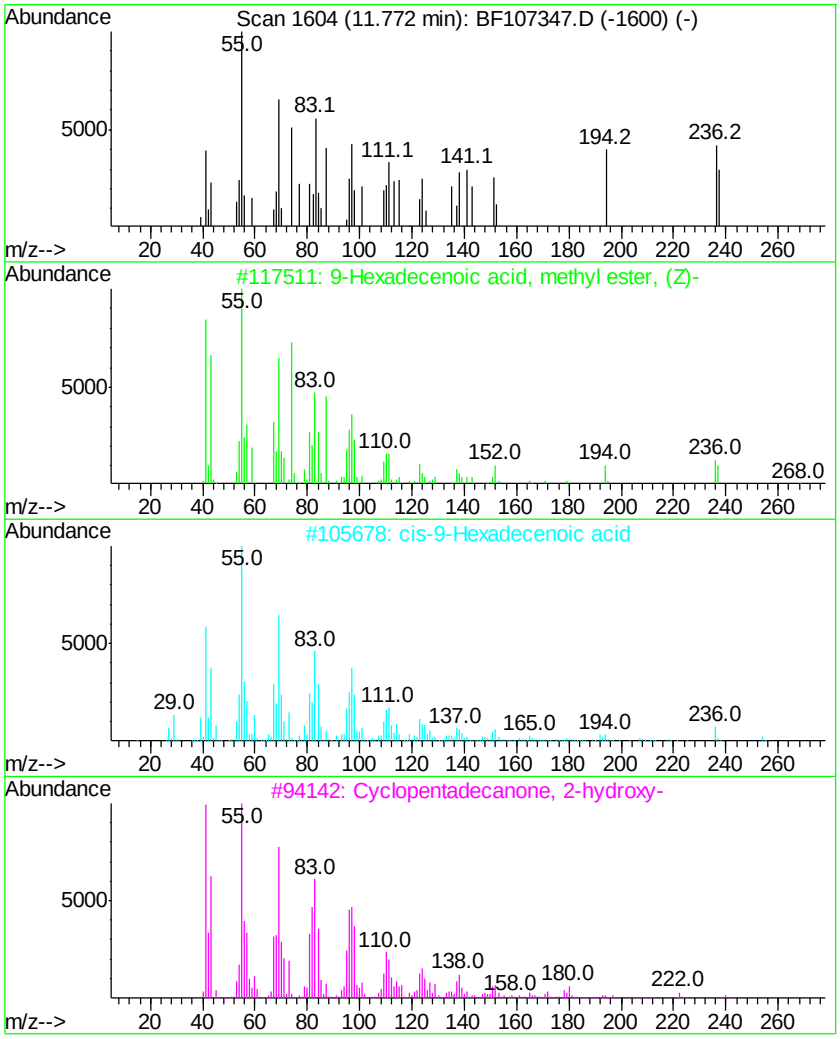
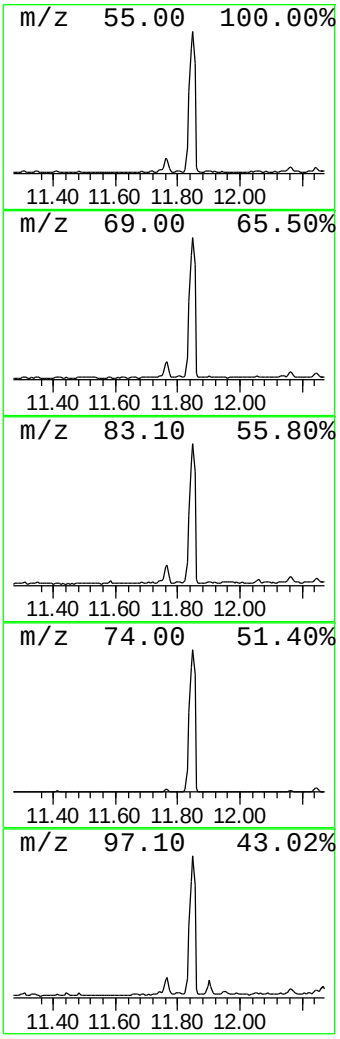
****

Peak Number 4 9-Hexadecenoic acid, methyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	5.39 ng	115421	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	90
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	50
3	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	47
4	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	43
5	cis-5-Dodecenoic acid, methyl ester	212	C13H24O2	1000333-63-2	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107347.D
Acq On : 12 Jul 2018 18:54
Operator : JU/SJ
Sample : J3832-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-071018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

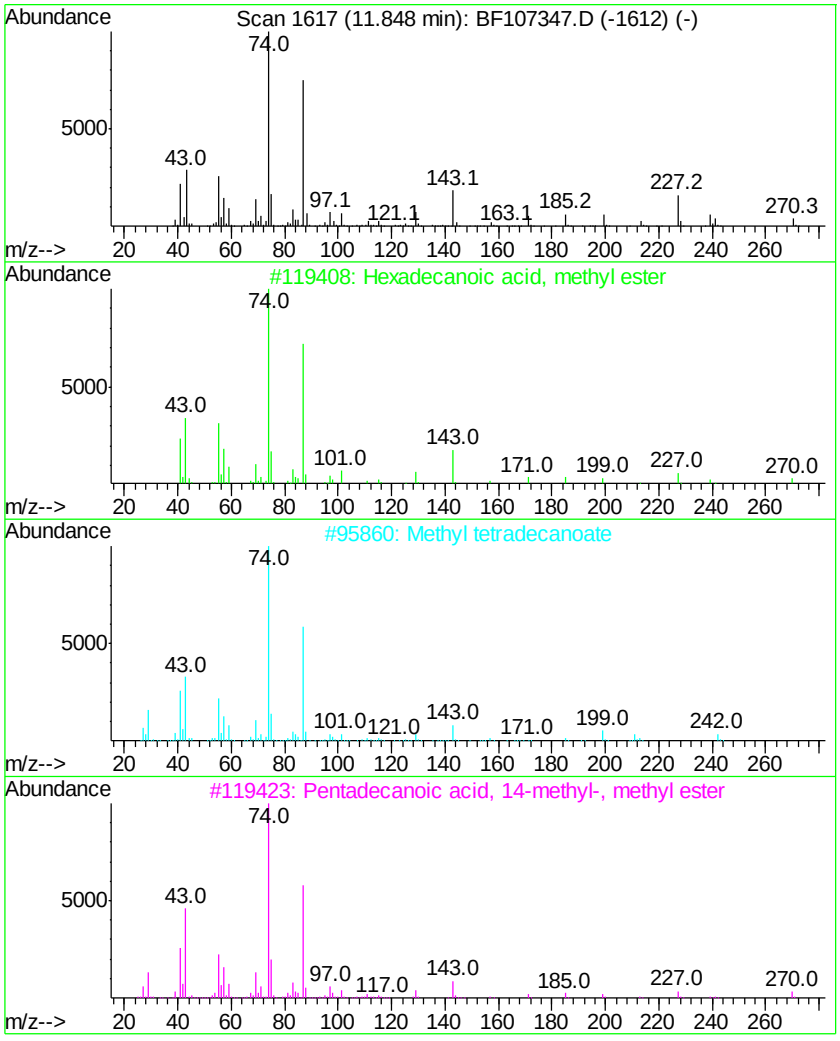
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

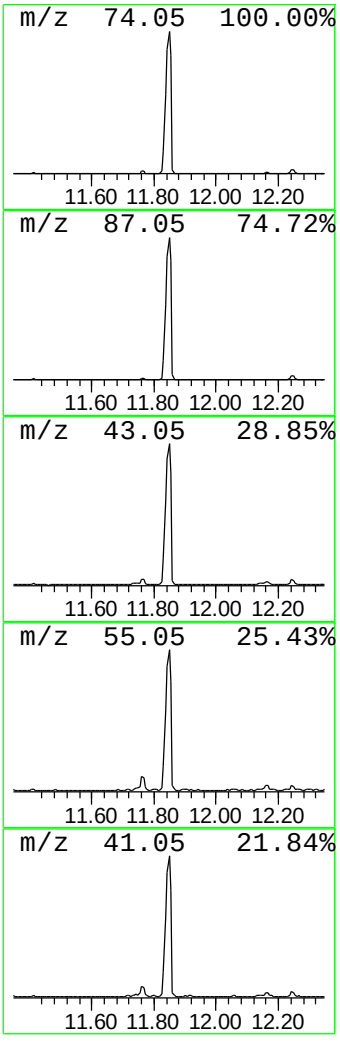
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	121.82 ng	2609090	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87





Library Search Compound Report

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Operator : JU/SJ
Sample : J3832-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-071018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

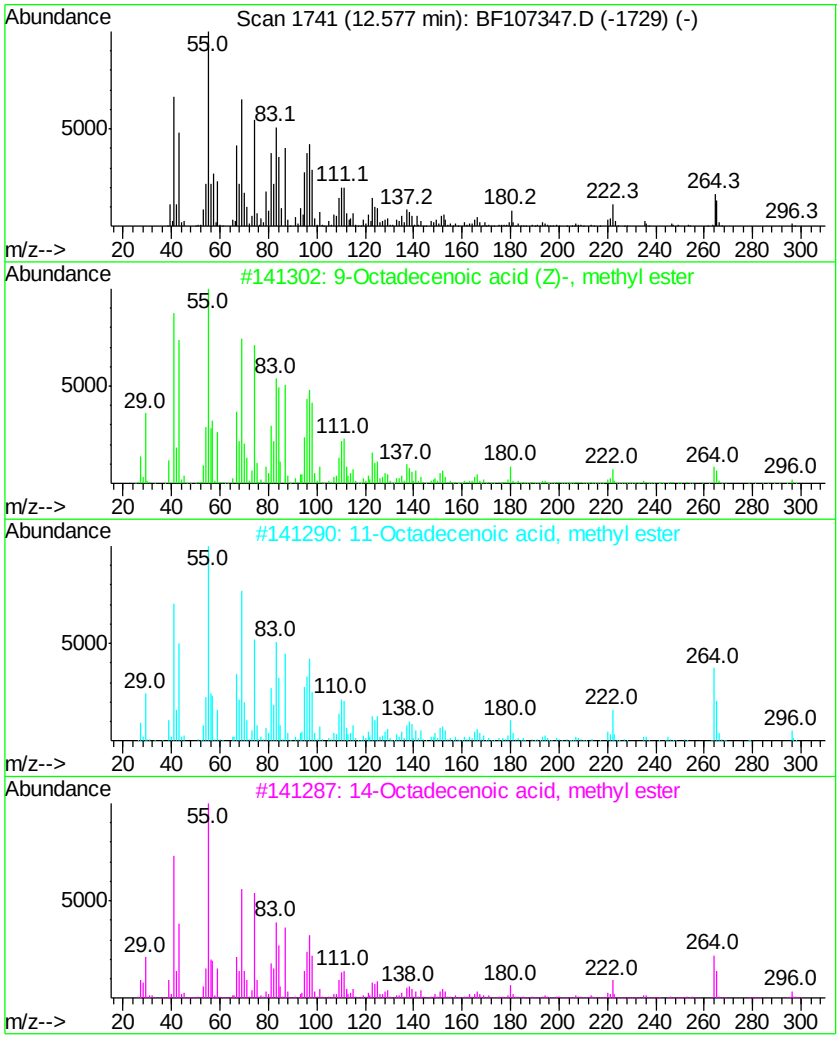
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

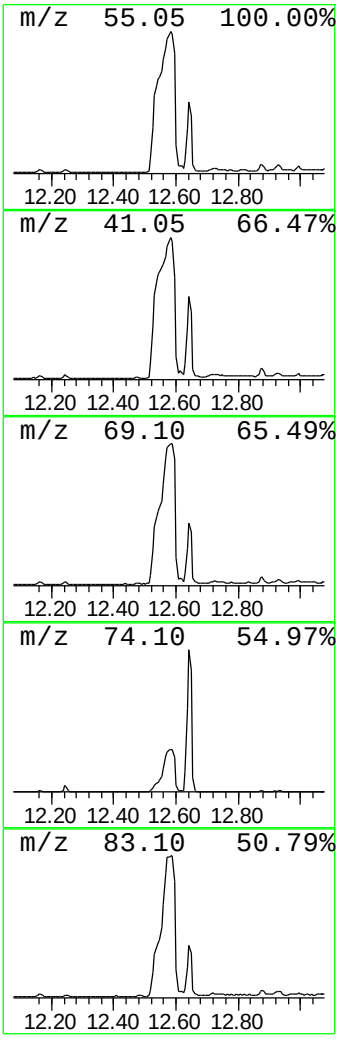
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	443.12 ng	9490390	Phenanthrene-d10	11.48

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	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-071018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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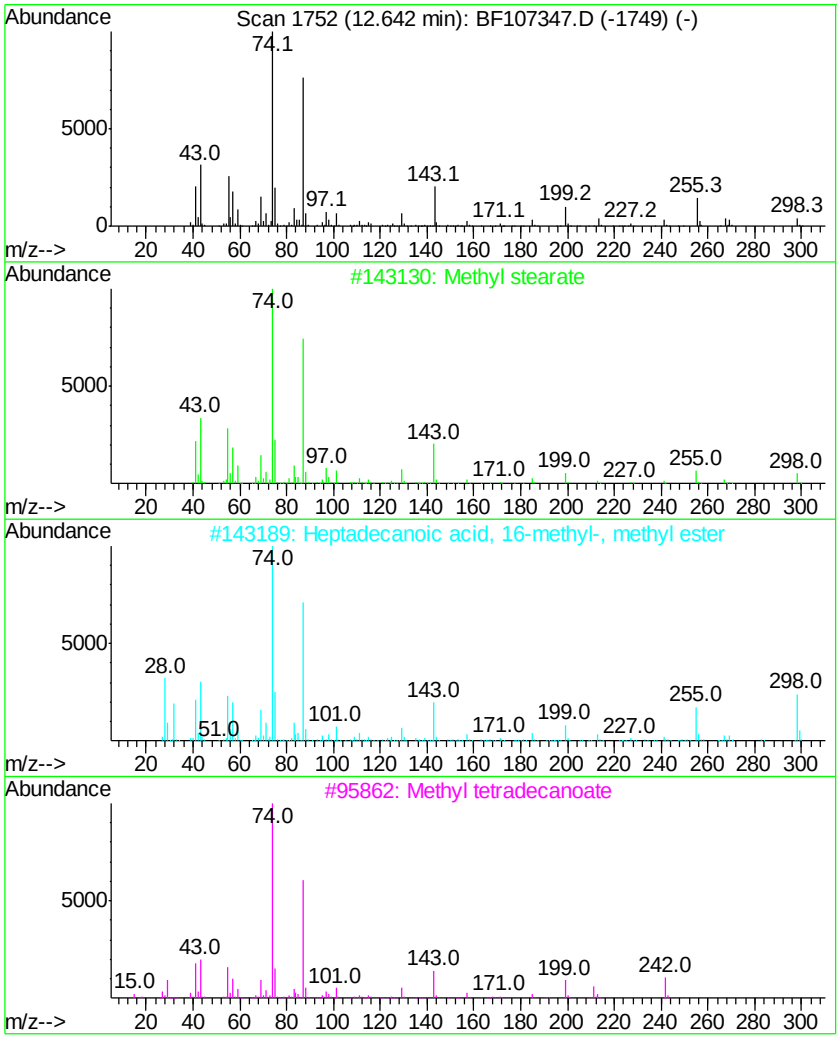
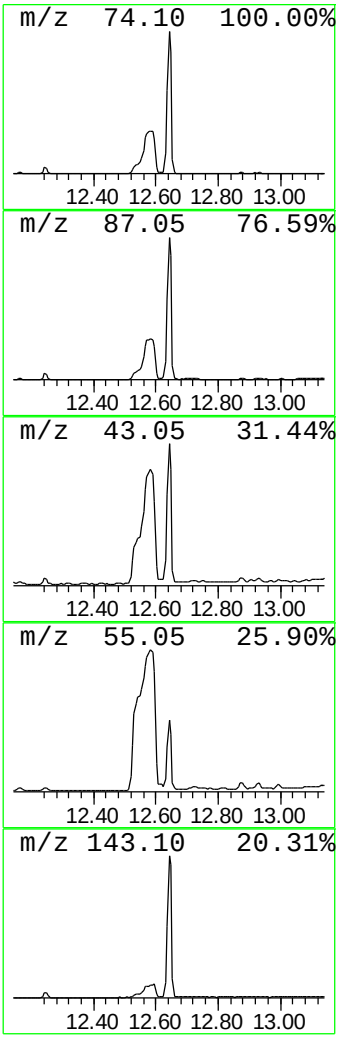
****

Peak Number 7 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	72.98 ng	1563000	Phenanthrene-d10	11.48

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	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80





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Misc :
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Instrument : BNA_F
ClientSampleId : TR-05-071018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

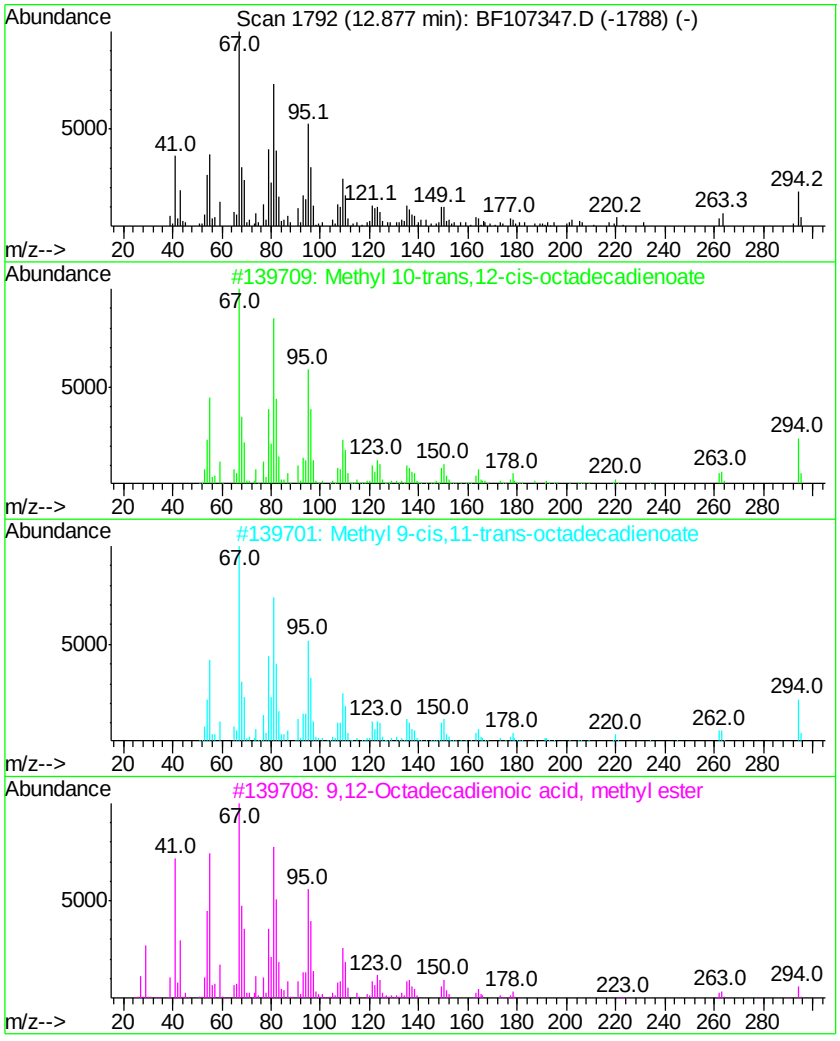
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

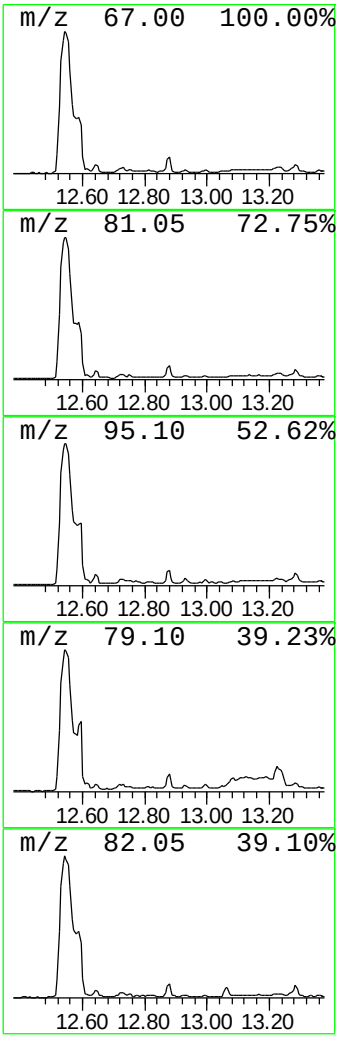
****

Peak Number 8 Methyl 10-trans,12-cis-octa... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	7.30 ng	177517	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	98
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	97
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	96





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Misc :
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Instrument : BNA_F
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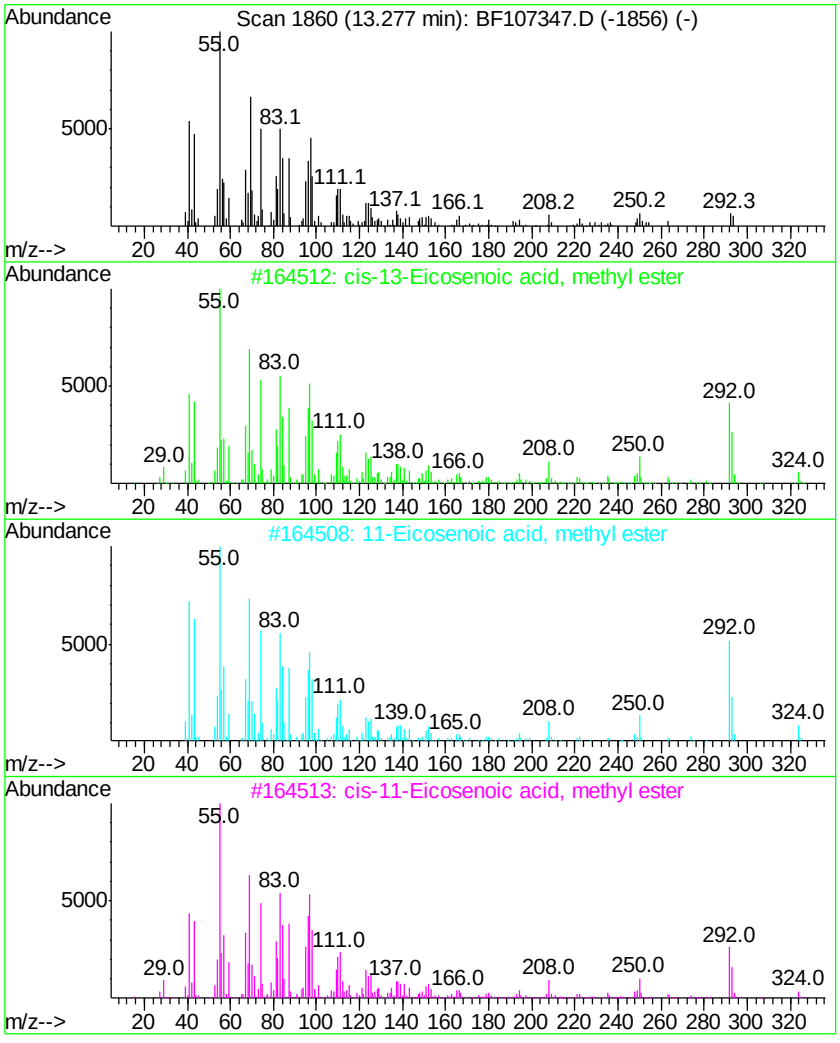
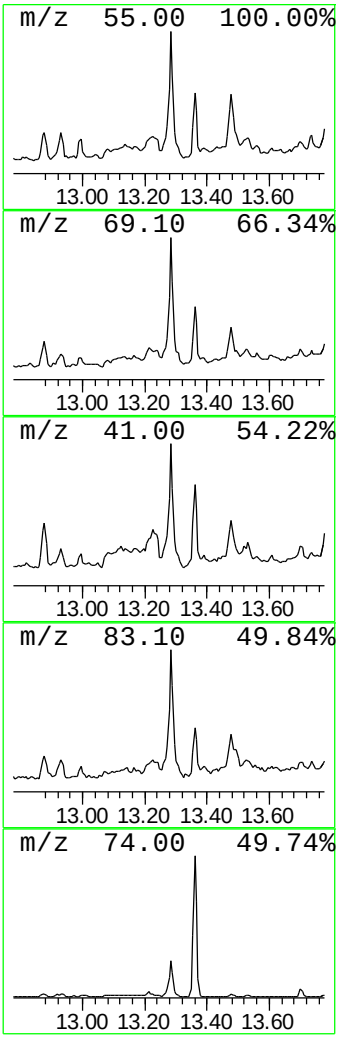
****

Peak Number 9 cis-13-Eicosenoic acid, met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	20.18 ng	490664	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	99
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
3	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	98
4	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	94
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94





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TIC Library : C:\DATABASE\NIST11.L
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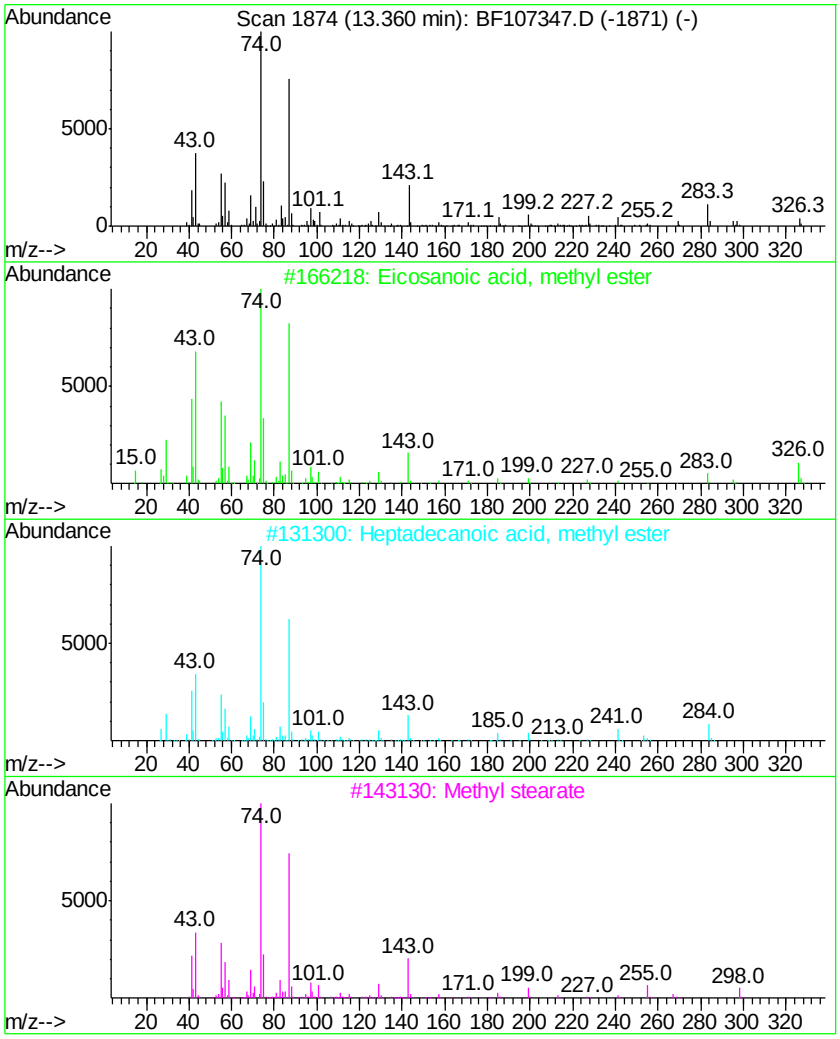
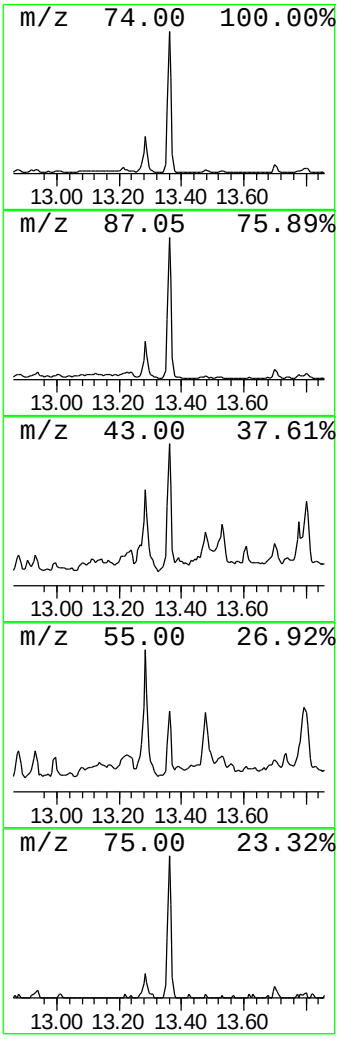
****

Peak Number 10 Eicosanoic acid, methyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	13.08 ng	318122	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	95
3	Methyl stearate	298	C19H38O2	000112-61-8	94
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
5	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	89





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Data File : BF107347.D
Acq On : 12 Jul 2018 18:54
Operator : JU/SJ
Sample : J3832-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-071018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

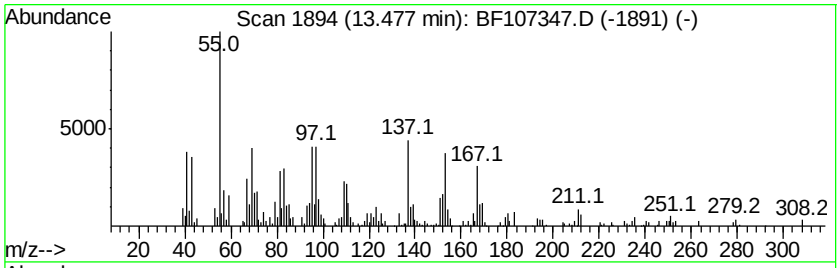
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

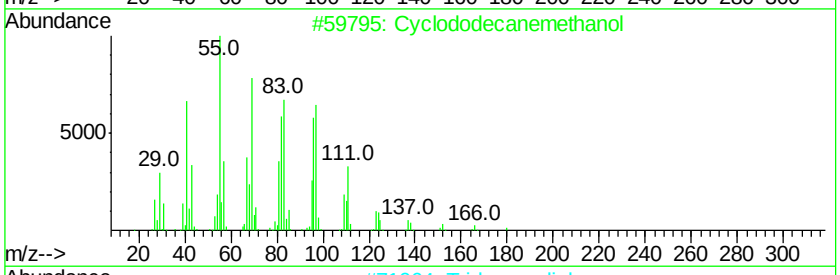
****

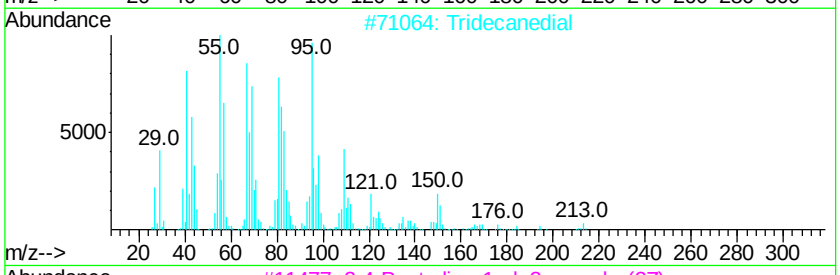
Peak Number 11 unknown13.48 Concentration Rank 11

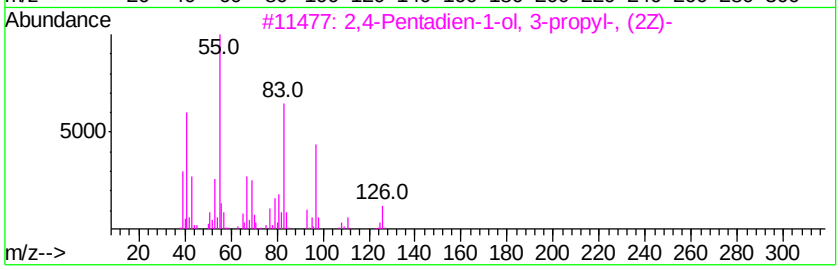
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	6.55 ng	159396	Chrysene-d12	14.14

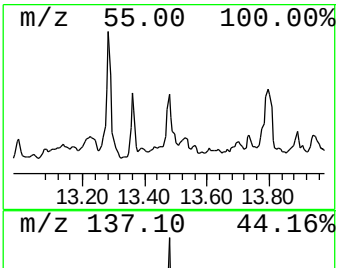
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecanemethanol	198	C13H26O	001892-12-2	12
2	Tridecanedial	212	C13H24O2	063521-76-6	11
3	2,4-Pentadien-1-ol, 3-propyl-, (...	126	C8H14O	1000142-17-9	10
4	Chloromethyl 7-chlorodecanoate	254	C11H20Cl2O2	080418-84-4	10
5	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	10

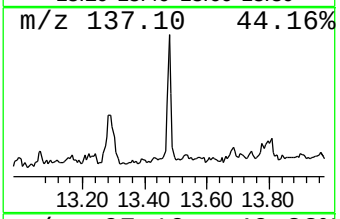


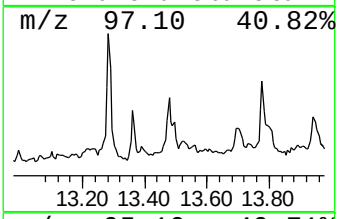


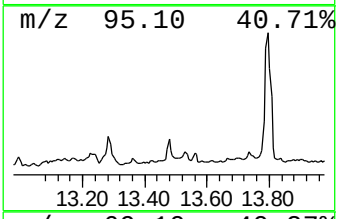


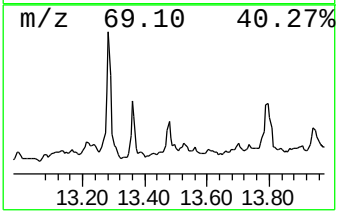












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107347.D
Acq On : 12 Jul 2018 18:54
Operator : JU/SJ
Sample : J3832-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-071018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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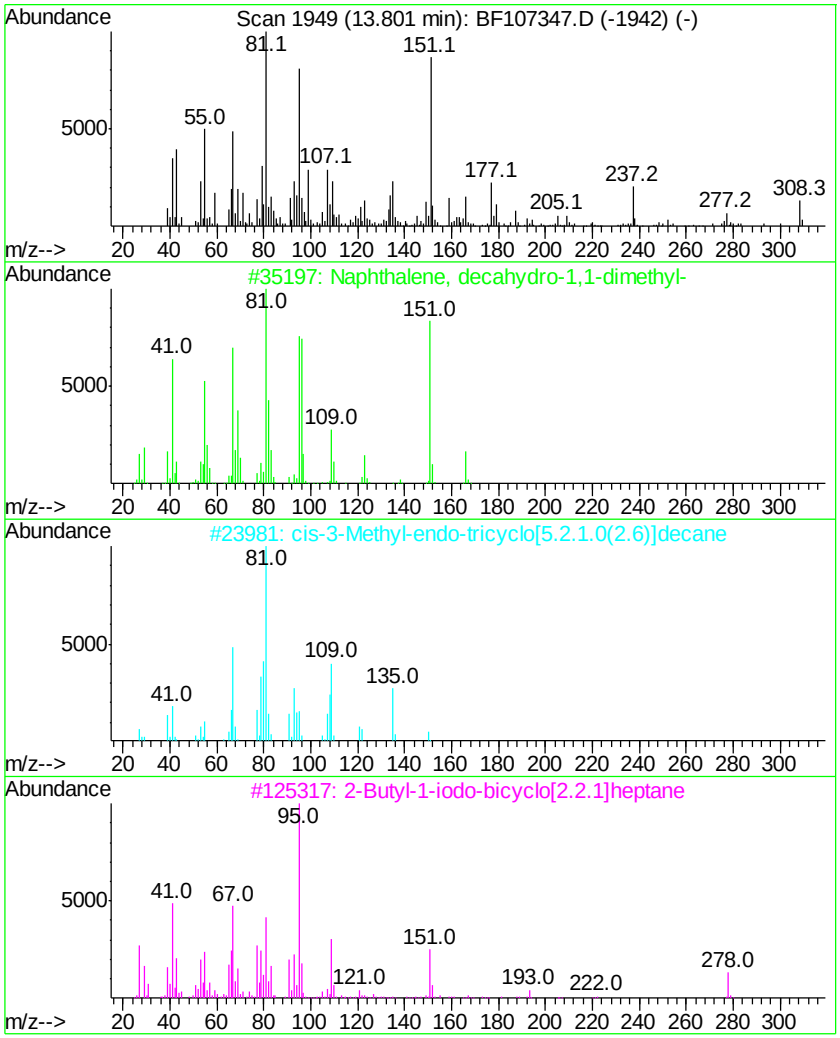
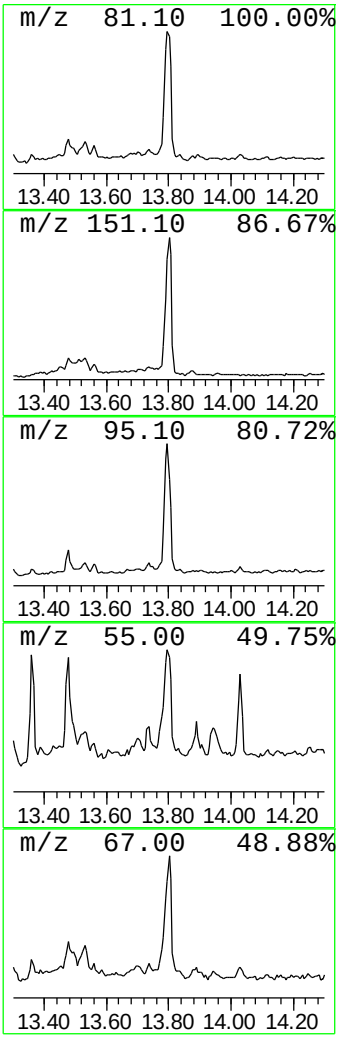
Peak Number 12 unknown13.80 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	25.32 ng	615585	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	49
2	cis-3-Methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	41
3	2-Butyl-1-iodo-bicyclo[2.2.1]hep...	278	C11H19I	1000190-59-7	35
4	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	30
5	Bicyclo[2.2.1]heptane, 2-(2-meth...	150	C11H18	061142-27-6	30





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Sample : J3832-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-071018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
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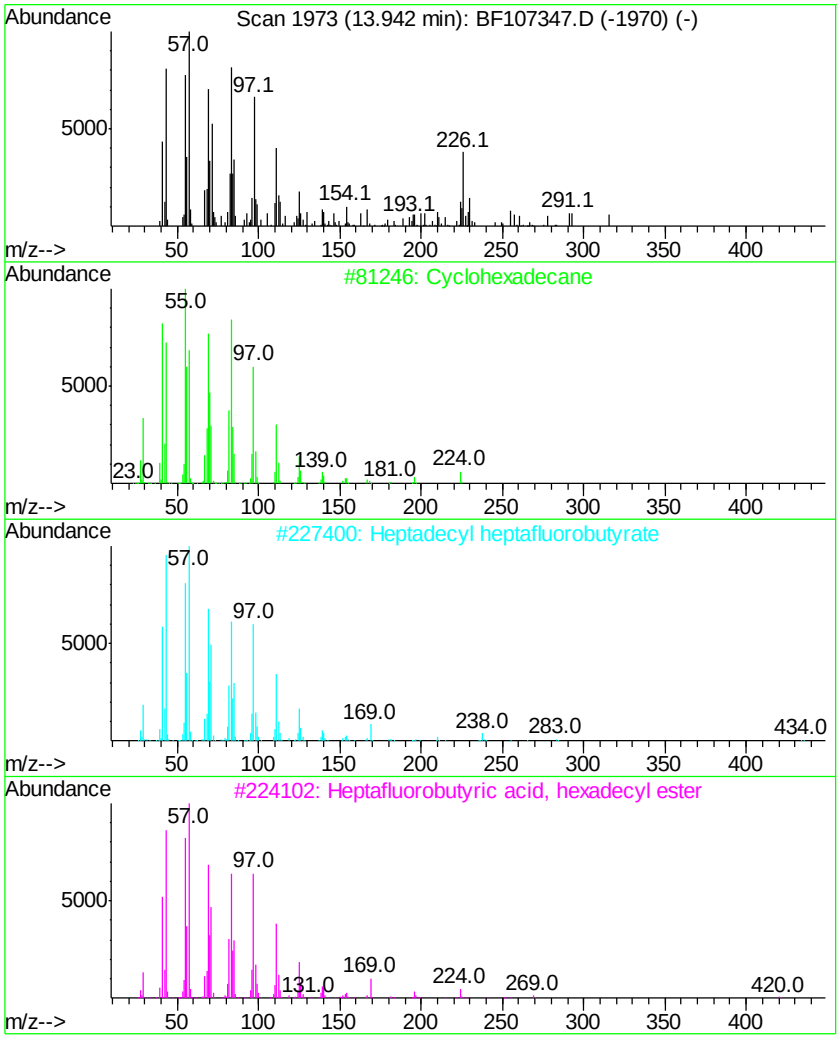
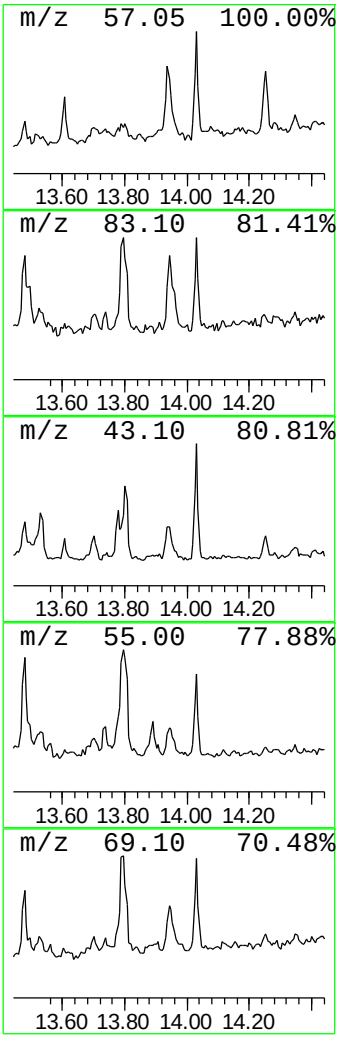
Peak Number 13 Cyclohexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.99 ng	96986	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	76
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	76





Library Search Compound Report

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Operator : JU/SJ
Sample : J3832-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-071018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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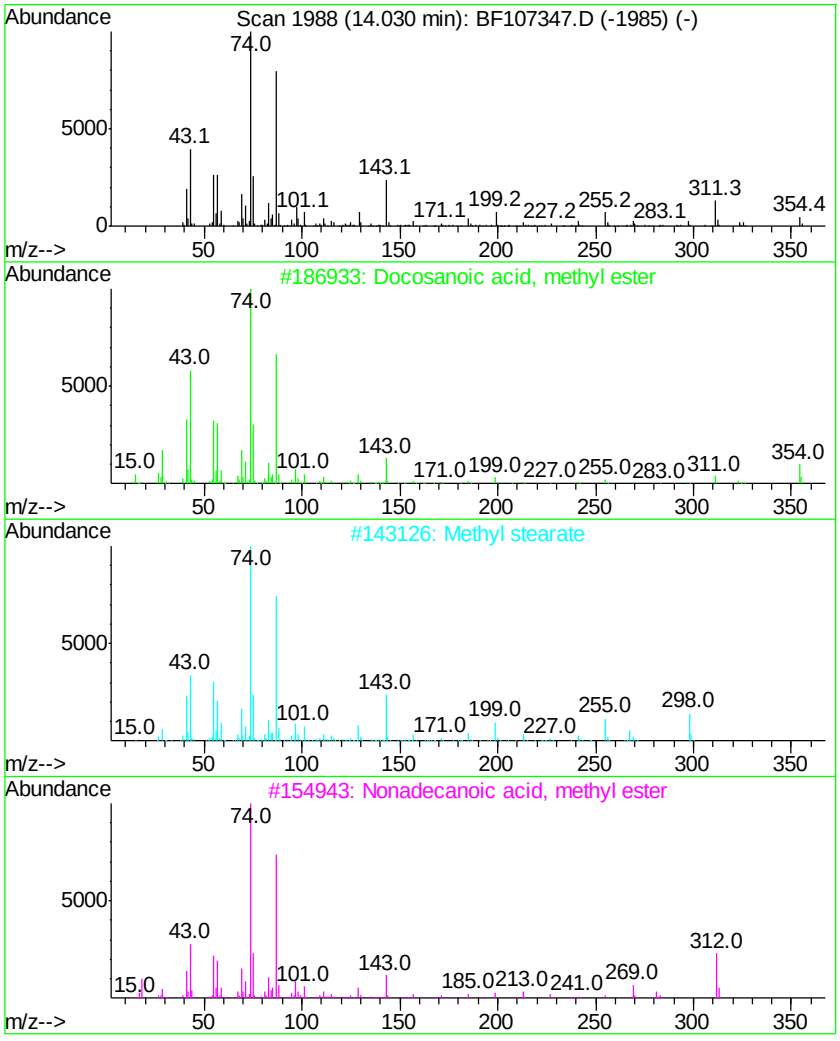
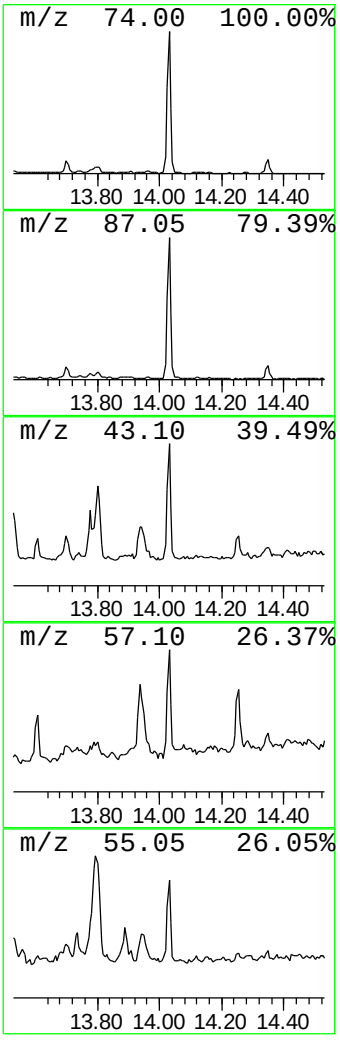
Peak Number 14 Docosanoic acid, methyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	9.23 ng	224461	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Methyl stearate	298	C19H38O2	000112-61-8	97
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	95
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-071018

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TIC Integration Parameters: LSCINT.P

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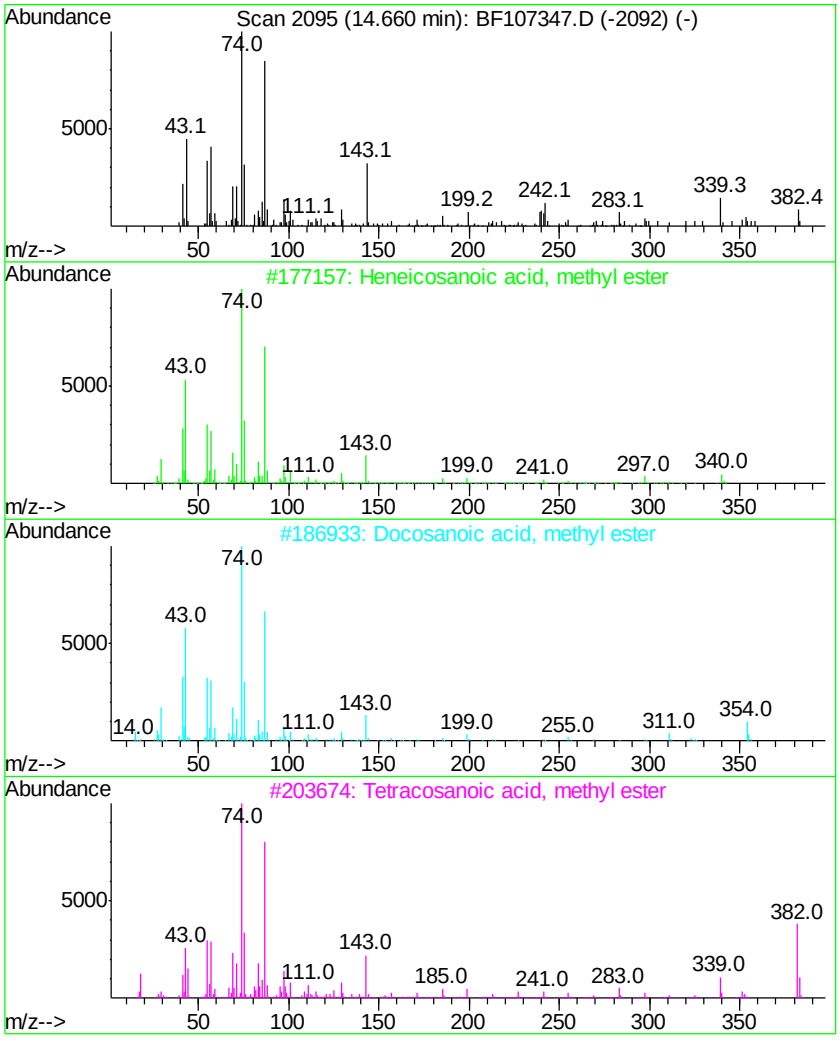
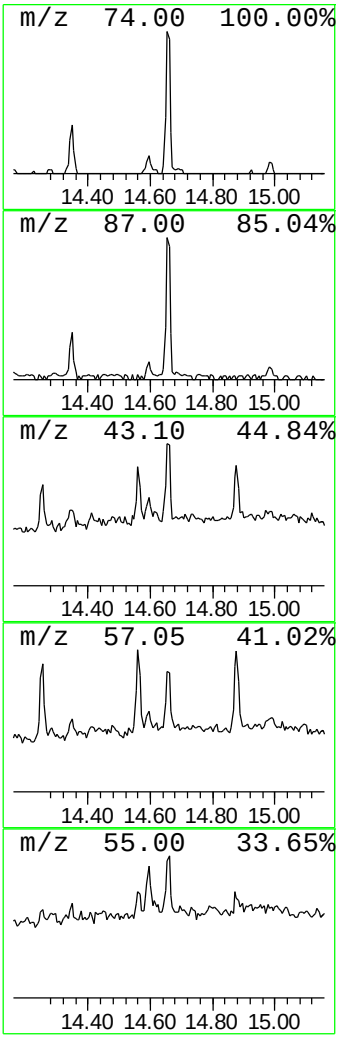
Peak Number 15 Heneicosanoic acid, methyl ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	4.13 ng	100356	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	93
2	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	93
3	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	93
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	89
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
Data File : BF107347.D
Acq On : 12 Jul 2018 18:54
Operator : JU/SJ
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Misc :
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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
2-Pentanone, 4-hy...	5.15	6.3	ng	110087	1	6.93	349121	20.0
unknown6.71	6.71	41.8	ng	730078	1	6.93	349121	20.0
9-Hexadecenoic ac...	11.77	5.4	ng	115421	4	11.48	428345	20.0
Hexadecanoic acid...	11.85	121.8	ng	2609090	4	11.48	428345	20.0
9-Octadecenoic ac...	12.58	443.1	ng	9490390	4	11.48	428345	20.0
Methyl stearate	12.64	73.0	ng	1563000	4	11.48	428345	20.0
Methyl 10-trans,1...	12.88	7.3	ng	177517	5	14.14	486335	20.0
cis-13-Eicosenoic...	13.28	20.2	ng	490664	5	14.14	486335	20.0
Eicosanoic acid, ...	13.36	13.1	ng	318122	5	14.14	486335	20.0
unknown13.48	13.48	6.5	ng	159396	5	14.14	486335	20.0
unknown13.80	13.80	25.3	ng	615585	5	14.14	486335	20.0
Cyclohexadecane	13.94	4.0	ng	96986	5	14.14	486335	20.0
Docosanoic acid, ...	14.03	9.2	ng	224461	5	14.14	486335	20.0
Heneicosanoic aci...	14.66	4.1	ng	100356	5	14.14	486335	20.0