LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107822.D
Acq On : 31 Jul 2018 1:14
Operator : JU/SJ
Sample : J4143-10 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(9-11)

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-BF073018.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	5.596	551	554	574	rBV	690287	1368310	4.17%	1.770%
2	6.601	722	725	742	rBV	714688	1549399	4.72%	2.004%
3	6.737	745	748	768	rVB	1291714	1797526	5.48%	2.325%
4	6.960	783	786	802	rBV	737832	1027127	3.13%	1.329%
5	7.113	809	812	829	rBV	1159420	1243195	3.79%	1.608%
6	7.525	879	882	892	rBV	413479	799513	2.44%	1.034%
7	8.242	1001	1004	1023	rBV	1165170	1432220	4.37%	1.853%
8	9.313	1182	1186	1194	rBV	1410748	1564356	4.77%	2.024%
9	10.001	1300	1303	1306	rBV2	1331792	1218294	3.71%	1.576%
10	10.795	1435	1438	1445	rBV	729096	939668	2.87%	1.215%
11	10.883	1450	1453	1461	rVV	446047	569423	1.74%	0.737%
12	10.989	1468	1471	1476	rVB	662920	546640	1.67%	0.707%
13	11.495	1554	1557	1560	rBV	970909	1099425	3.35%	1.422%
14	11.519	1560	1561	1569	rVB	400464	459651	1.40%	0.595%
15	11.760	1599	1602	1605	rBV	296254	330634	1.01%	0.428%
16	11.789	1605	1607	1611	rVB	1059629	818615	2.50%	1.059%
17	11.877	1616	1622	1625	rBV	7569033	10607211	32.34%	13.721%
18	12.013	1641	1645	1651	rBV3	231848	404649	1.23%	0.523%
19	12.613	1733	1747	1751	rBV4	7696764	32795959	100.00%	42.422%
20	12.672	1753	1757	1760	rVV	6088486	6620364	20.19%	8.564%
21	12.724	1763	1766	1773	rVB	883991	1263995	3.85%	1.635%
22	12.901	1793	1796	1799	rVB	425775	412259	1.26%	0.533%
23	12.960	1803	1806	1812	rVB	592832	812923	2.48%	1.052%
24	13.089	1824	1828	1833	rBV	1125483	1132897	3.45%	1.465%
25	13.313	1863	1866	1874	rVB4	1543165	1877197	5.72%	2.428%
26	13.383	1876	1878	1881	rBV	1051586	972411	2.97%	1.258%
27	13.501	1895	1898	1903	rVB	1161159	1163433	3.55%	1.505%
28	13.960	1974	1976	1979	rVB	467057	358272	1.09%	0.463%
29	14.054	1990	1992	1999	rBV	779741	792756	2.42%	1.025%
30	14.154	2005	2009	2012	rBV2	967819	1330140	4.06%	1.721%

Sum of corrected areas: 77308462

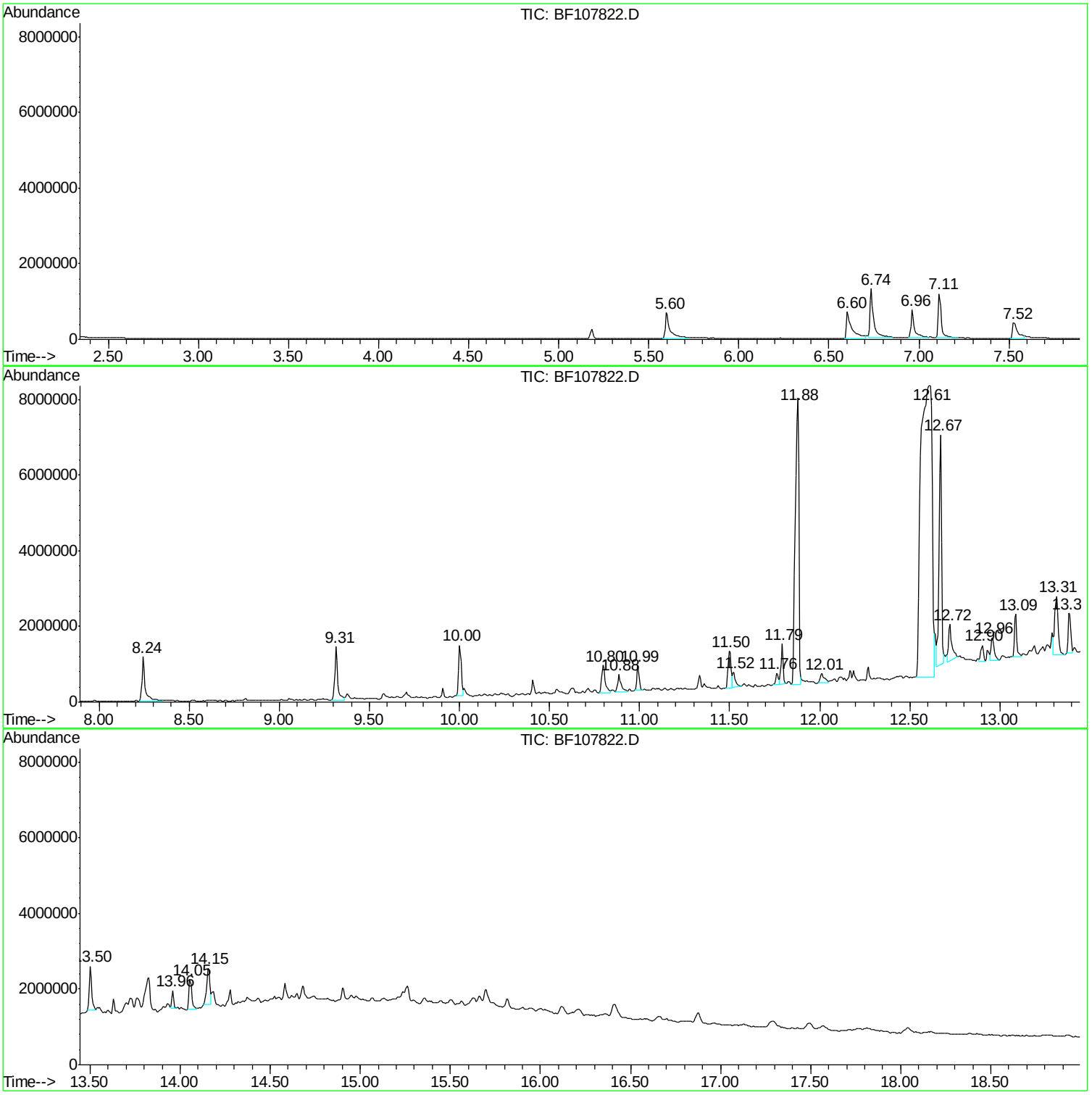
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107822.D
Acq On : 31 Jul 2018 1:14
Operator : JU/SJ
Sample : J4143-10 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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Misc :
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Instrument : BNA_F
ClientSampleId : SB-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
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TIC Library : C:\DATABASE\NIST11.L
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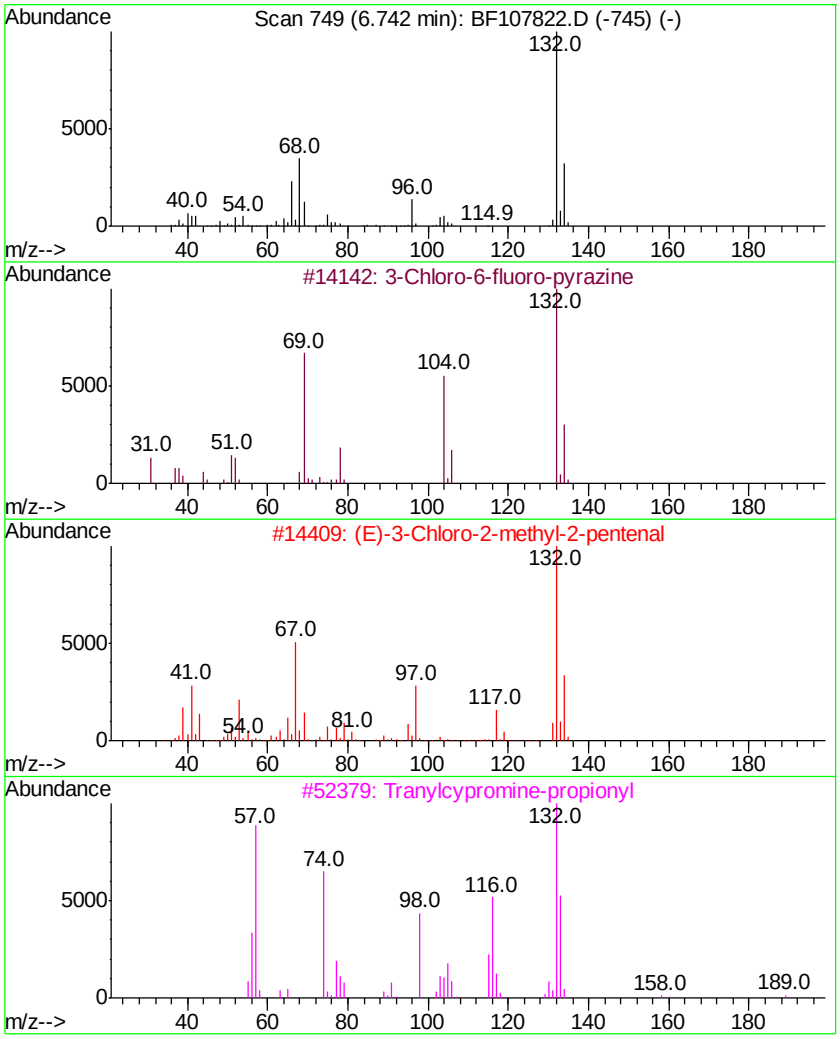
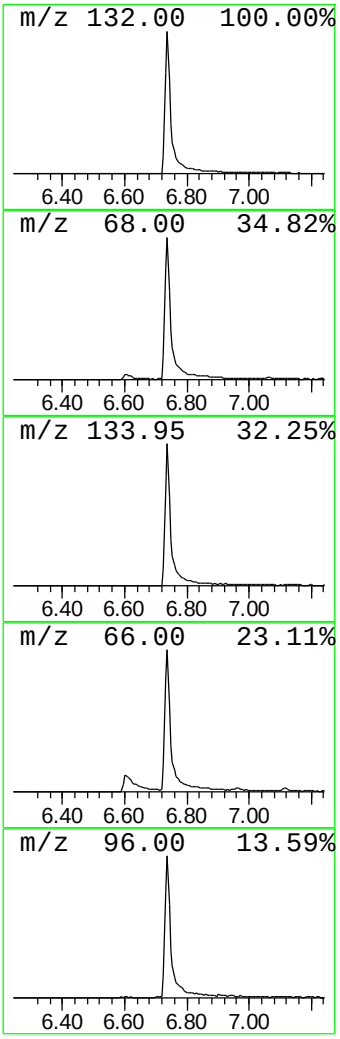
Peak Number 1 unknown6.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	35.00 ng	1797530	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
ClientSampleId : SB-3(9-11)

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TIC Library : C:\DATABASE\NIST11.L
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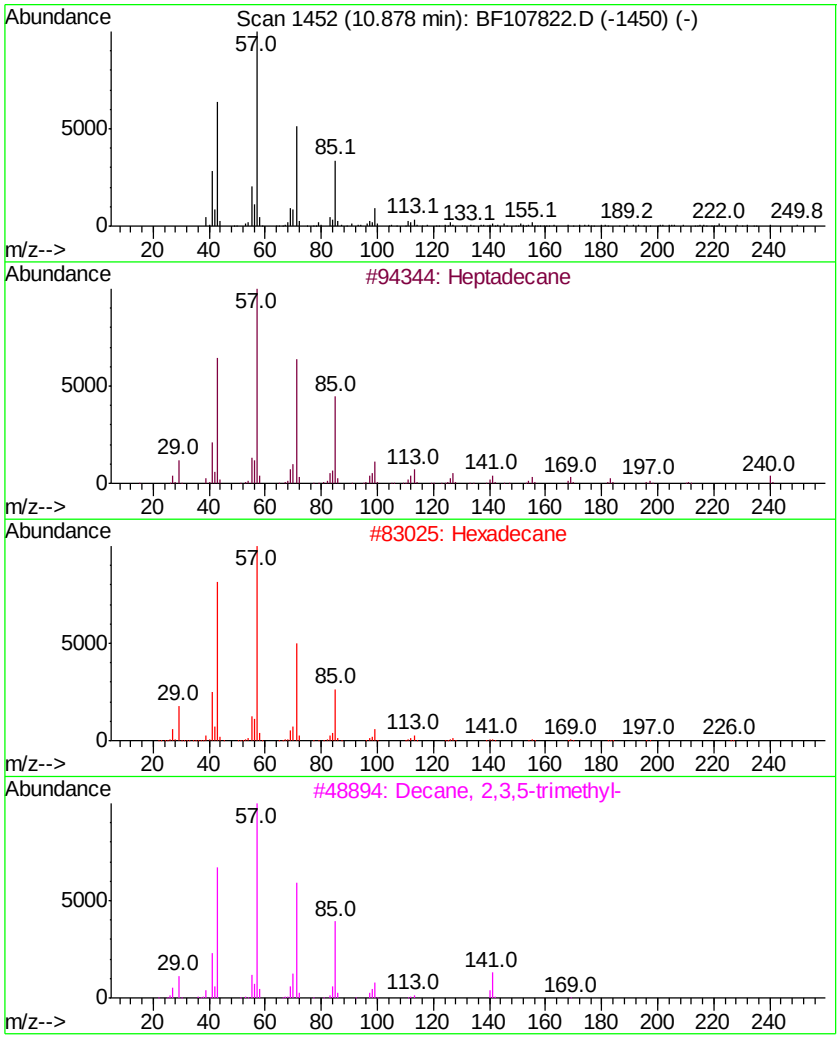
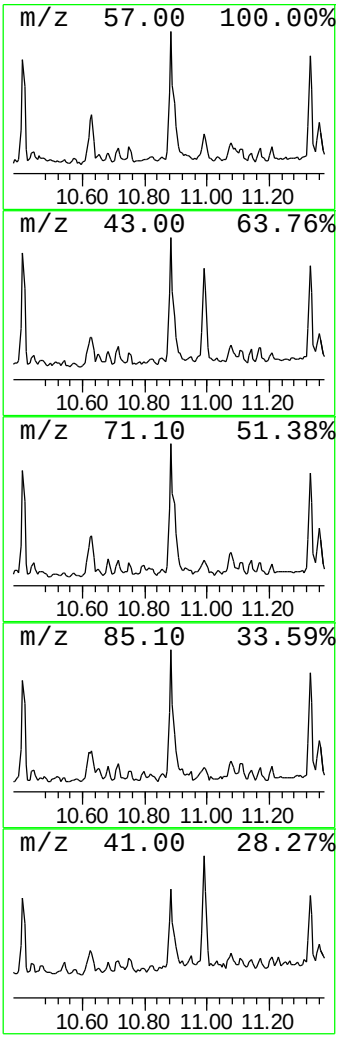
Peak Number 3 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	10.36 ng	569423	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexadecane	226	C16H34	000544-76-3	87
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
4	Tetradecane	198	C14H30	000629-59-4	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





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Operator : JU/SJ
Sample : J4143-10 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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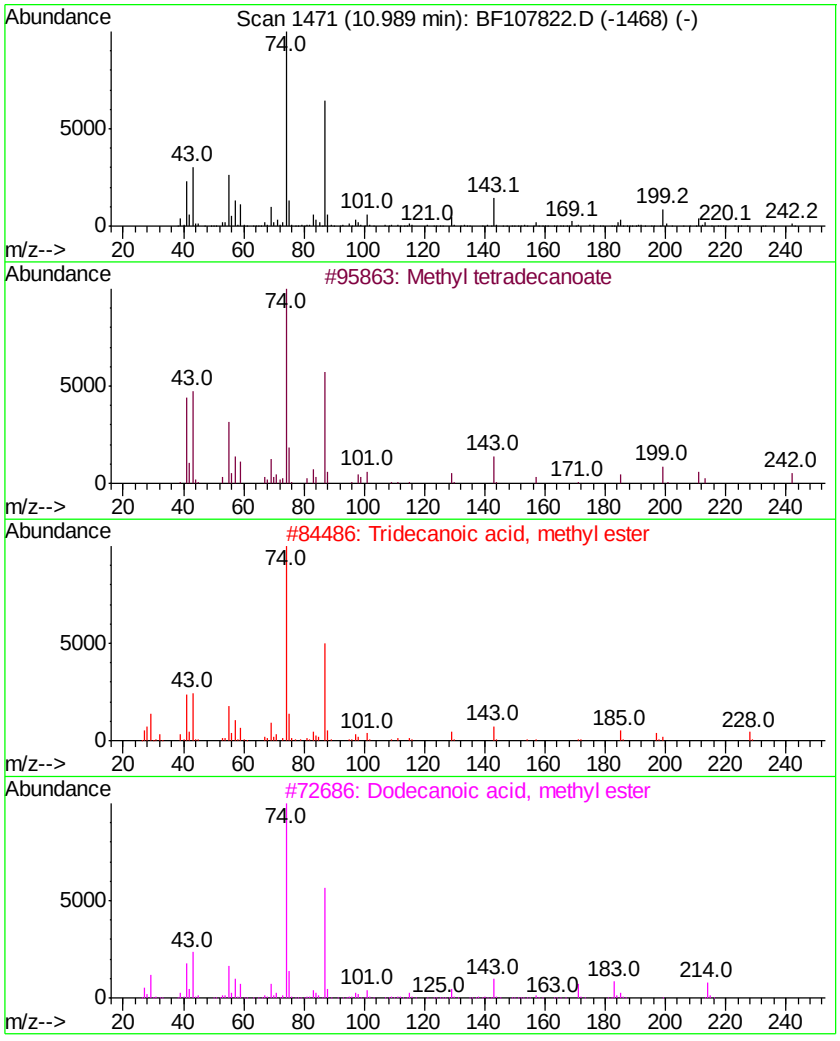
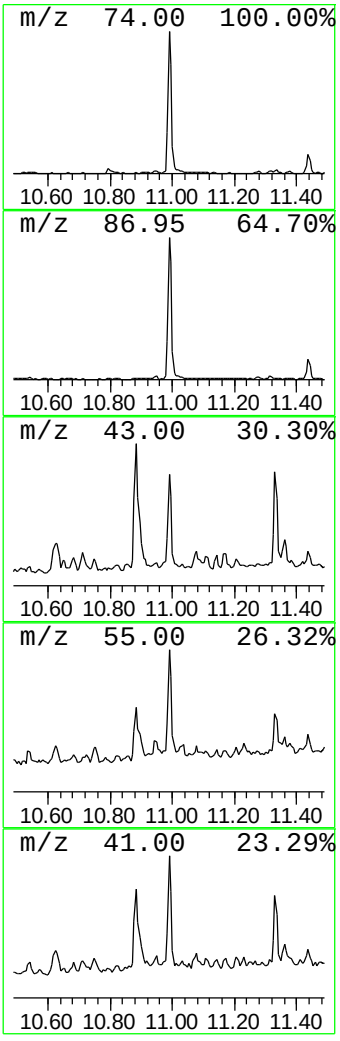
Peak Number 4 Methyl tetradecanoate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	9.94 ng	546640	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90
4	Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	78





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Data File : BF107822.D
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Operator : JU/SJ
Sample : J4143-10 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

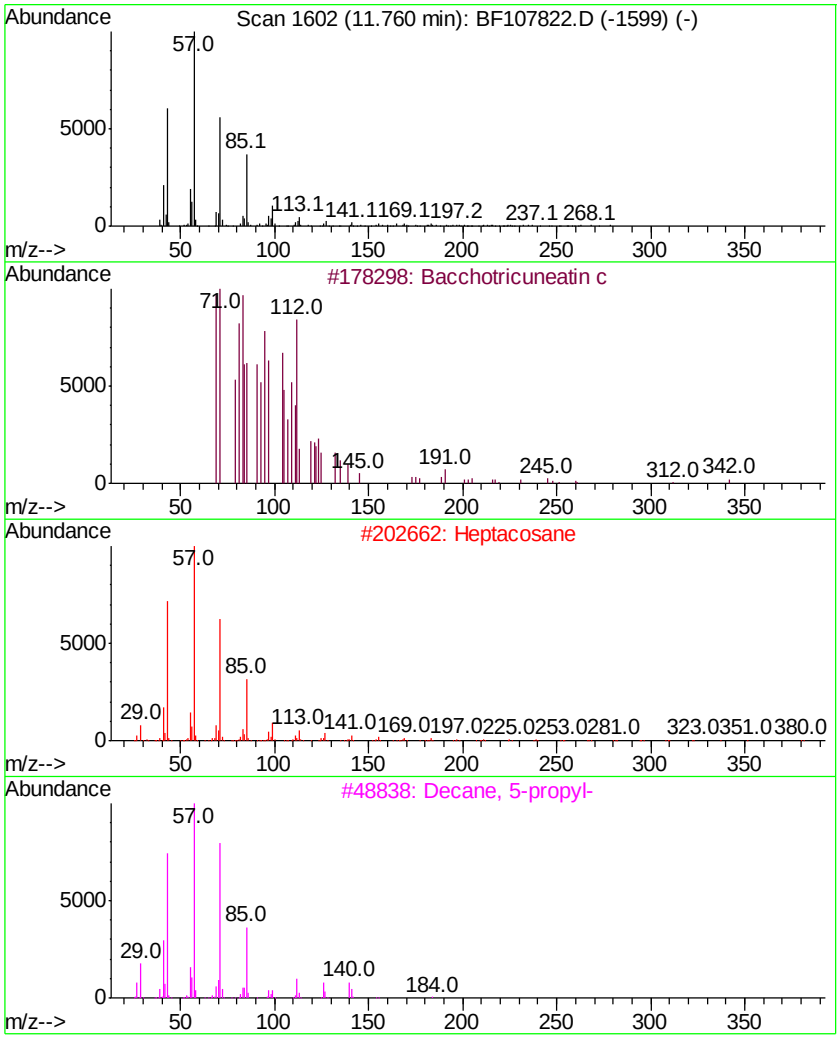
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

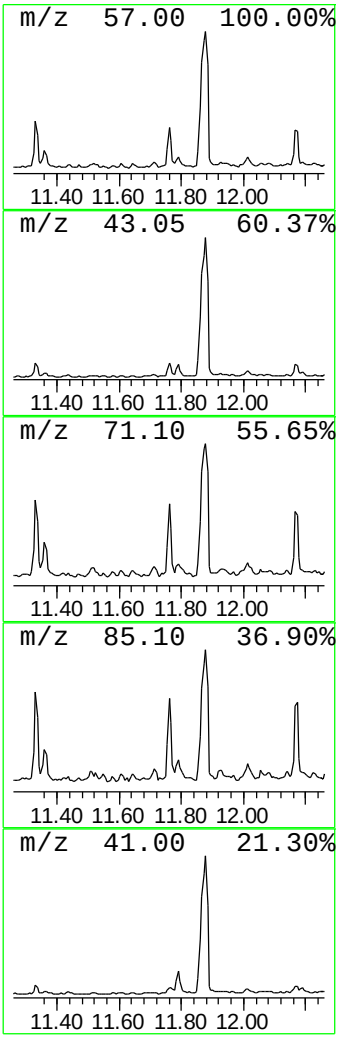
****

Peak Number 5 Bacchotricuneatin c Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	6.01 ng	330634	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	99
2	Heptacosane	380	C27H56	000593-49-7	87
3	Decane, 5-propyl-	184	C13H28	017312-62-8	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Heneicosane	296	C21H44	000629-94-7	83





Library Search Compound Report

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
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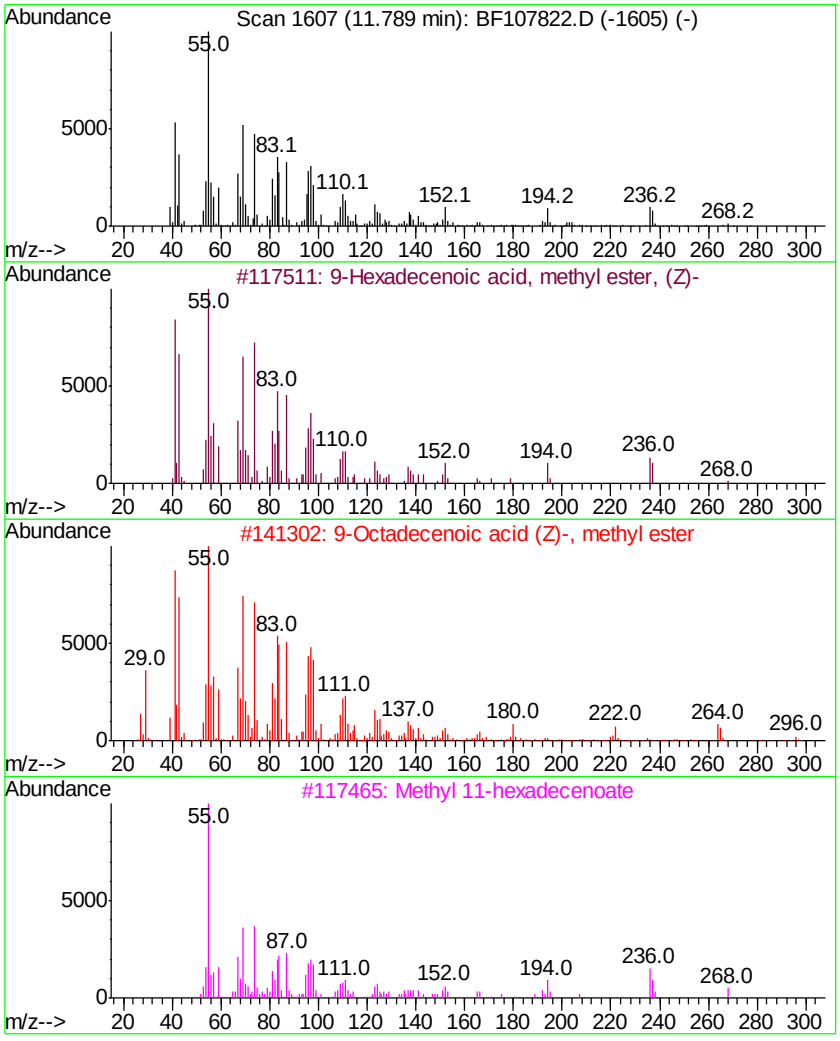
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

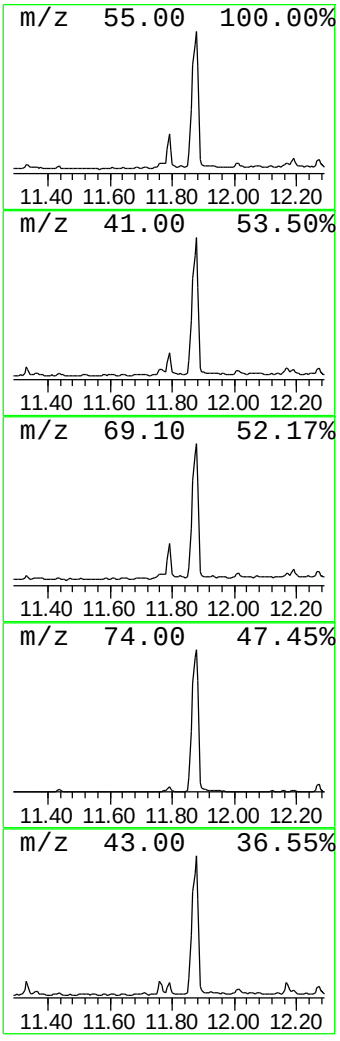
****

Peak Number 6 9-Hexadecenoic acid, methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	14.89 ng	818615	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	98
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3	Methyl 11-hexadecenoate	268	C17H32O2	1000336-35-5	91
4	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	90
5	11-Hexadecenoic acid, methyl ester	268	C17H32O2	055000-42-5	87





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Sample : J4143-10 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

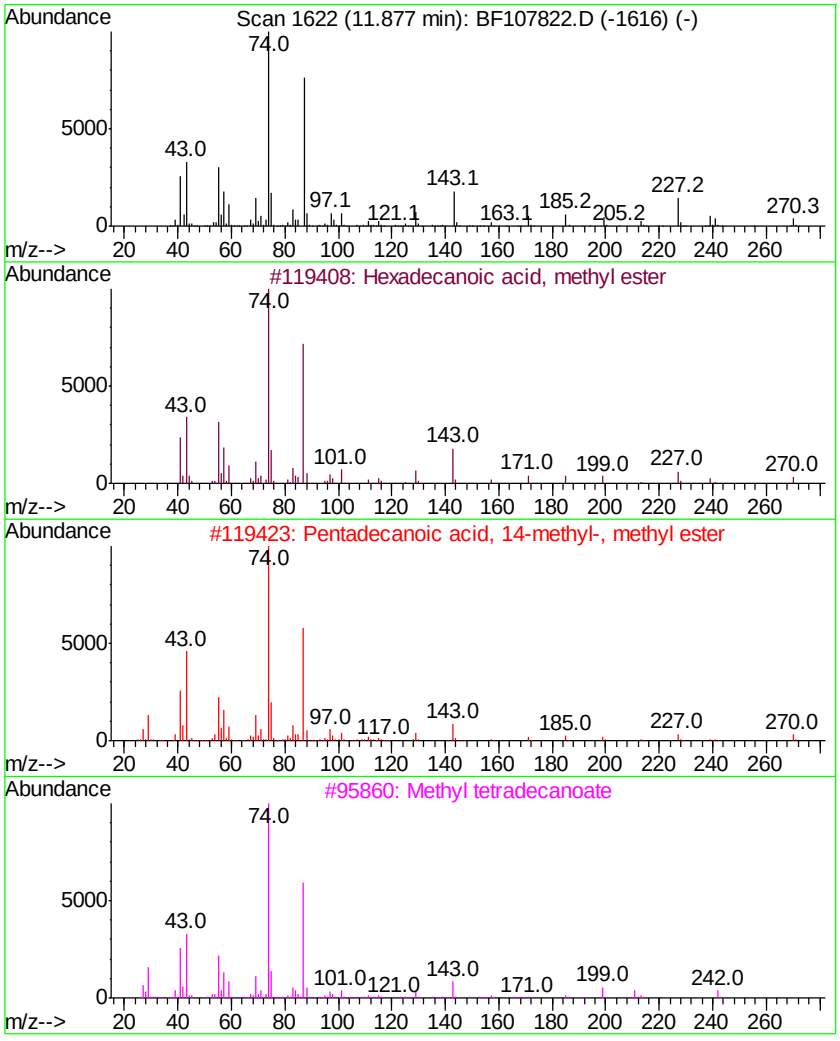
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

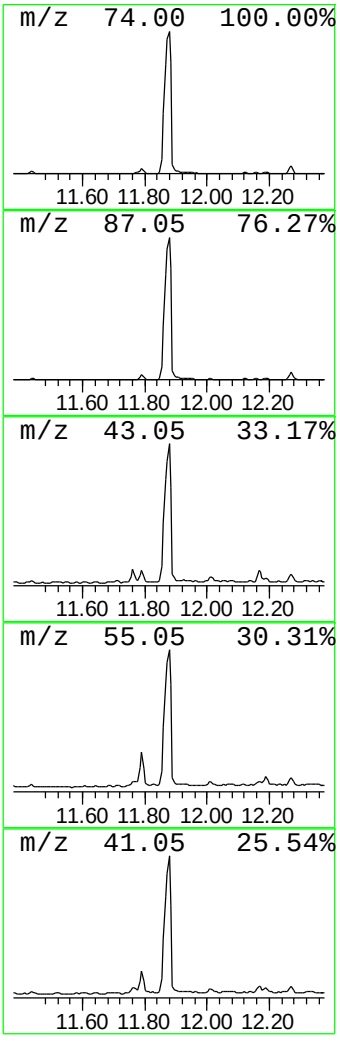
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	192.96 ng	10607200	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87





Library Search Compound Report

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Sample : J4143-10 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

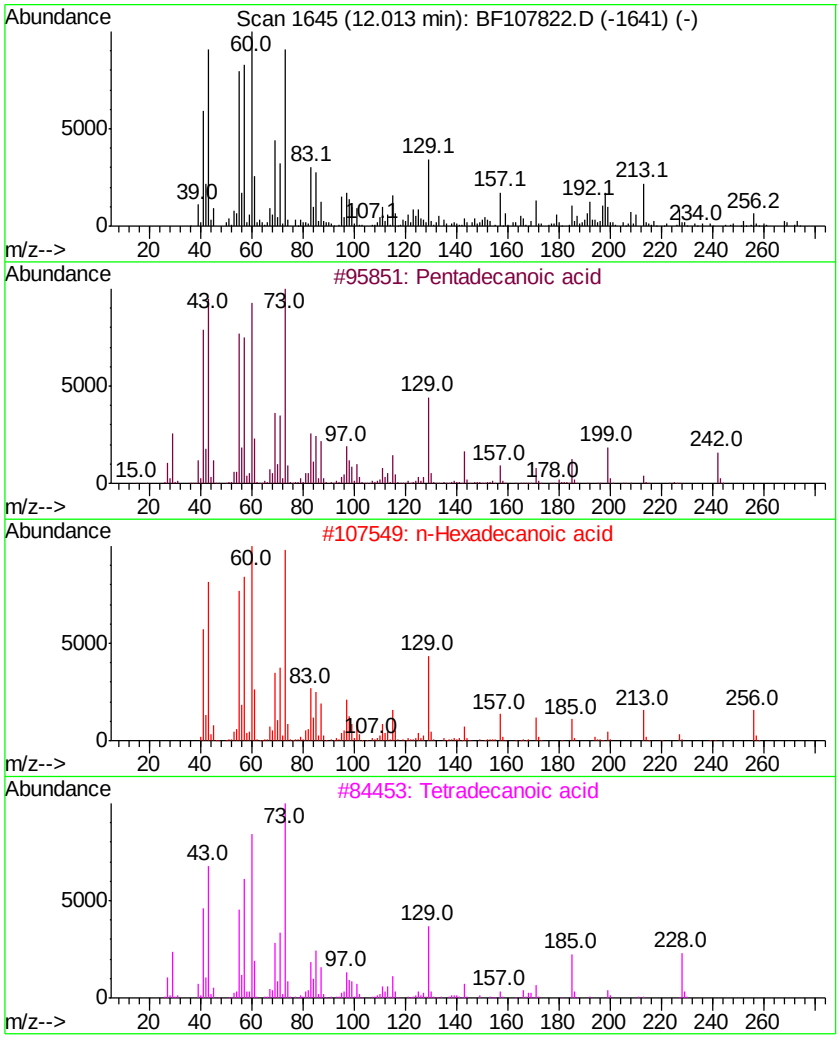
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

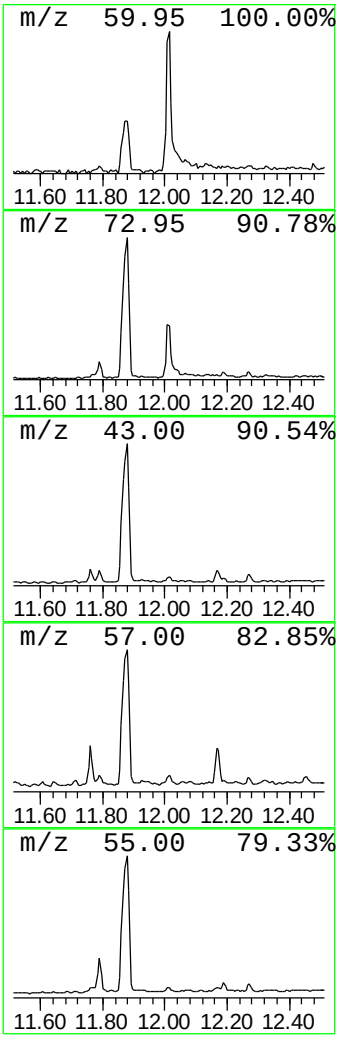
****

Peak Number 8 Pentadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	7.36 ng	404649	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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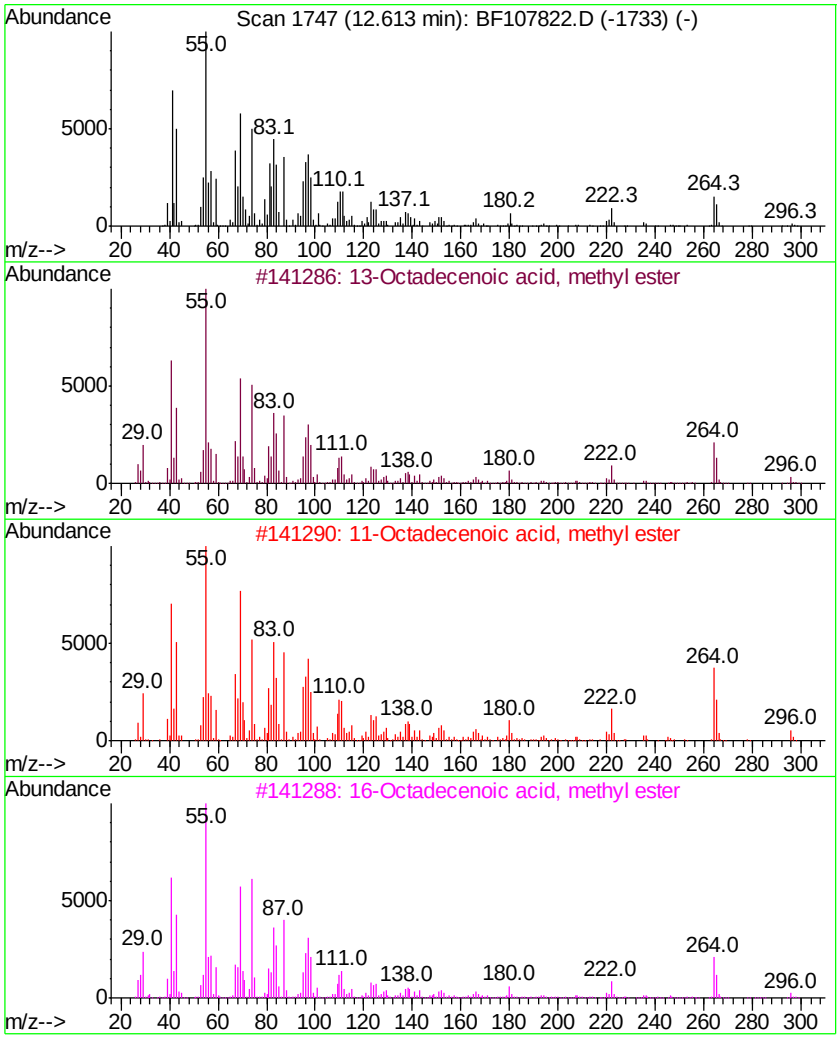
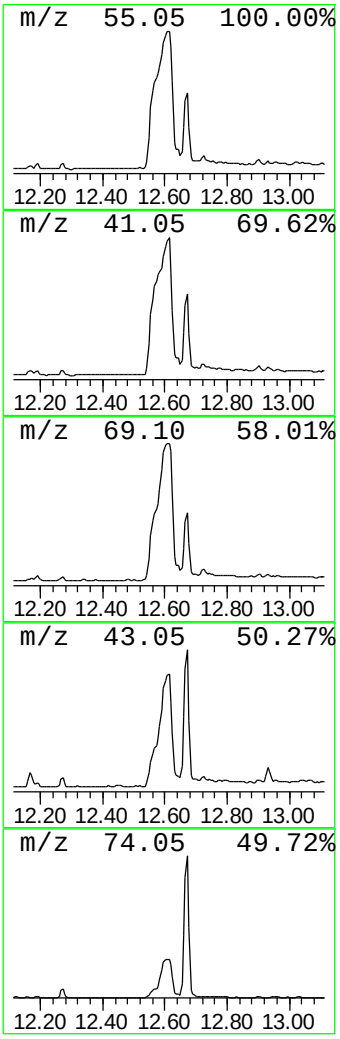
****

Peak Number 9 13-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	596.60 ng	32796000	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	98
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	96





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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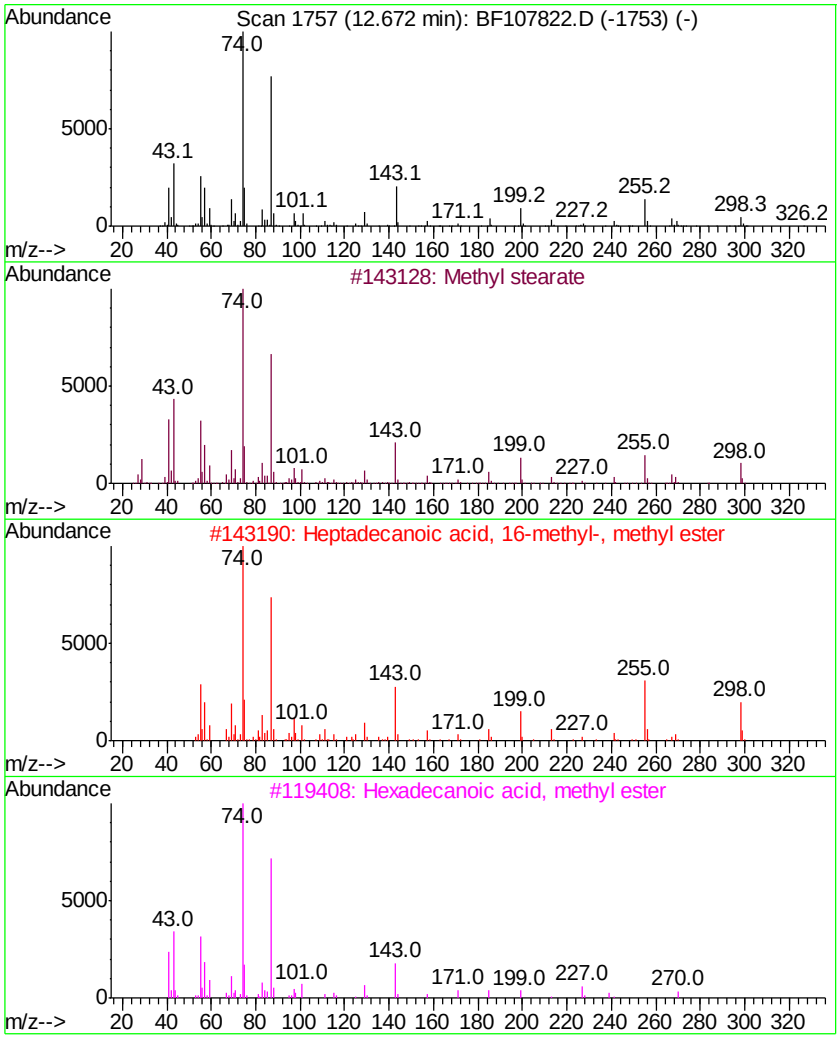
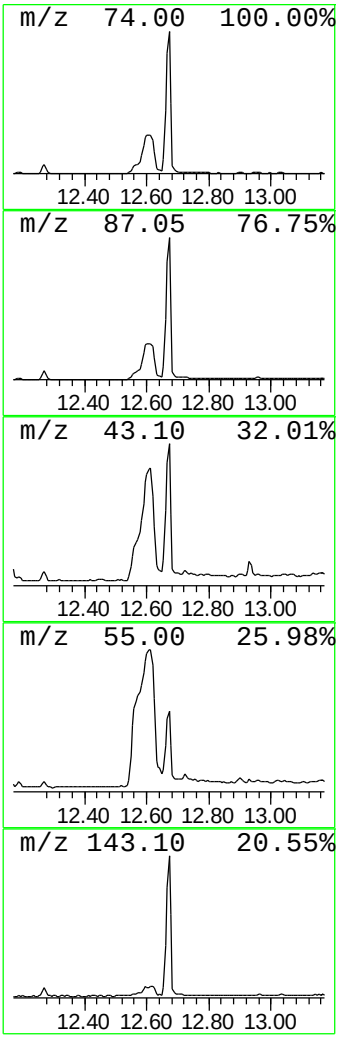
Peak Number 10 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	120.43 ng	6620360	Phenanthrene-d10	11.50

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	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





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Sample : J4143-10 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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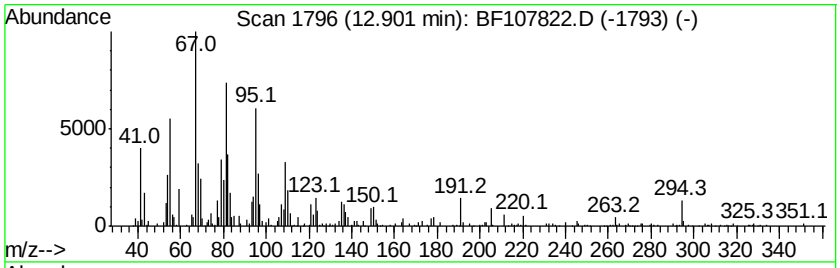
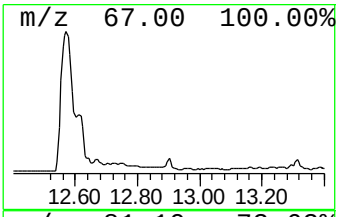
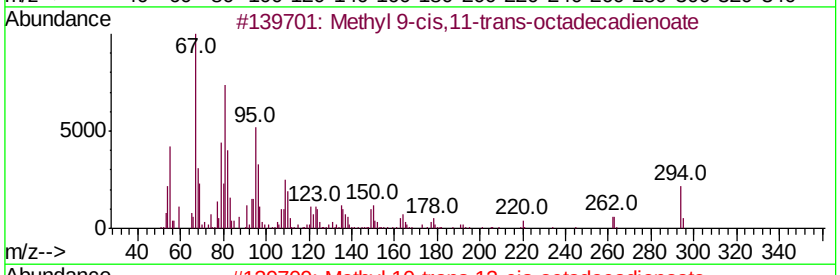
Peak Number 11 Methyl 9-cis,11-trans-octad... Concentration Rank 14

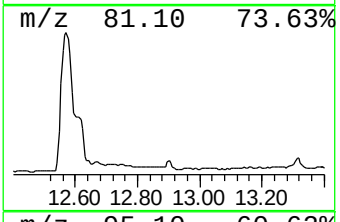
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	6.20 ng	412259	Chrysene-d12	14.16

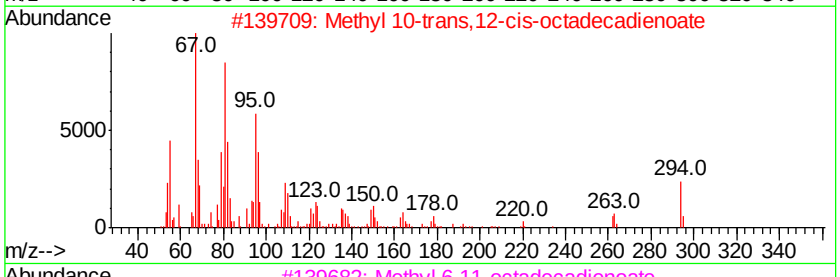
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	95
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	95
3	Methyl 6,11-octadecadienoate	294	C19H34O2	1000336-43-2	93
4	7,10-Octadecadienoic acid, methy...	294	C19H34O2	056554-24-6	93
5	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	91

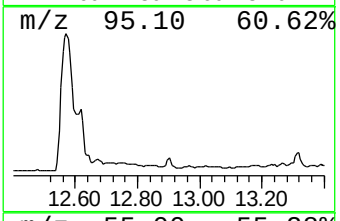


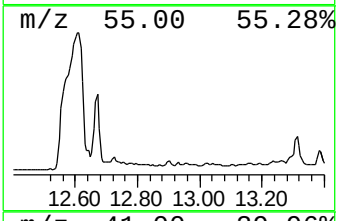


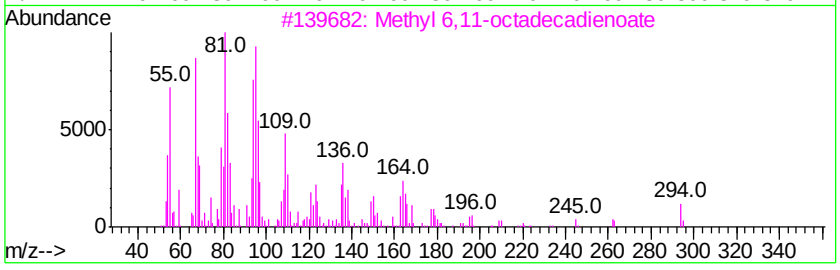


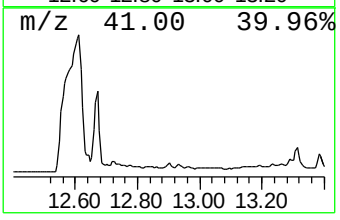












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Data File : BF107822.D
Acq On : 31 Jul 2018 1:14
Operator : JU/SJ
Sample : J4143-10 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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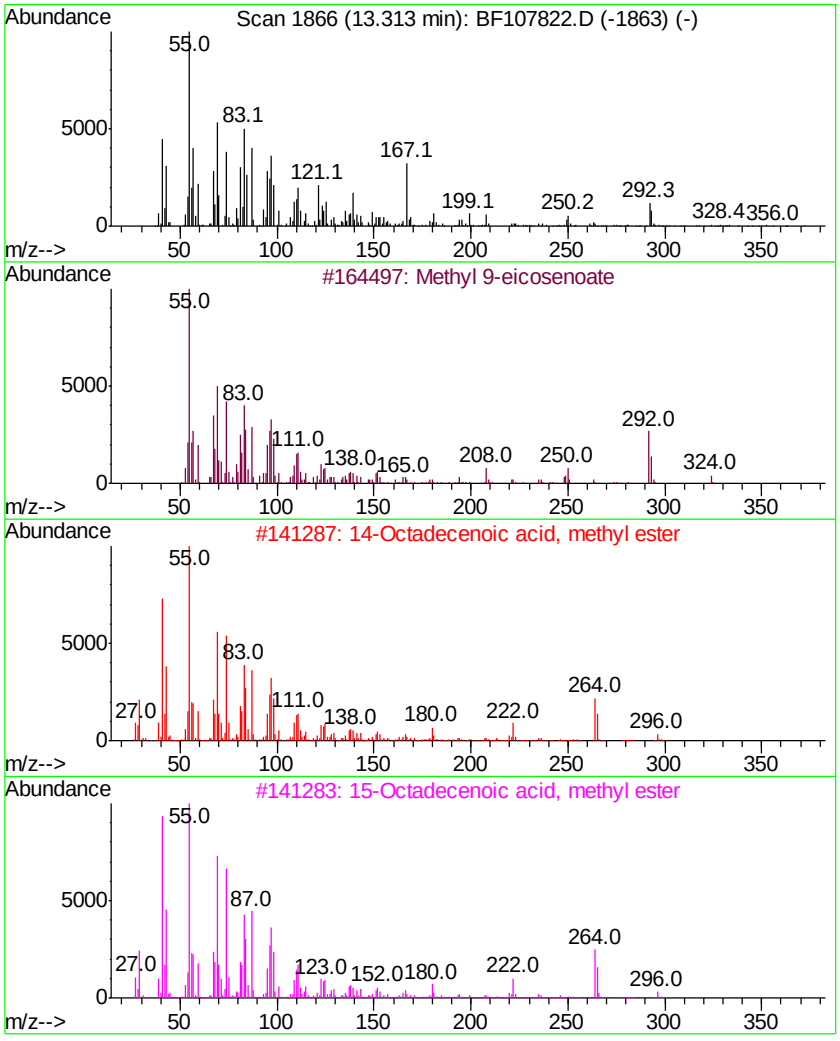
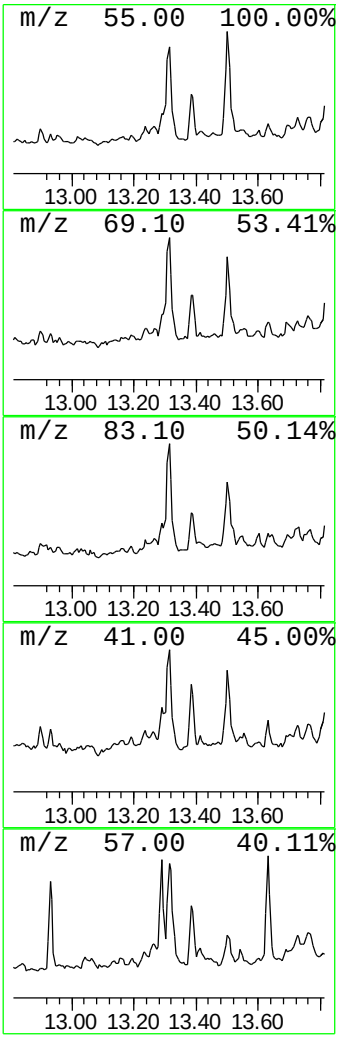
Peak Number 12 Methyl 9-eicosenoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	28.23 ng	1877200	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	72
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	72
4	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	72
5	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	68





Library Search Compound Report

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Data File : BF107822.D
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Misc :
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Instrument : BNA_F
ClientSampleId : SB-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
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TIC Integration Parameters: LSCINT.P

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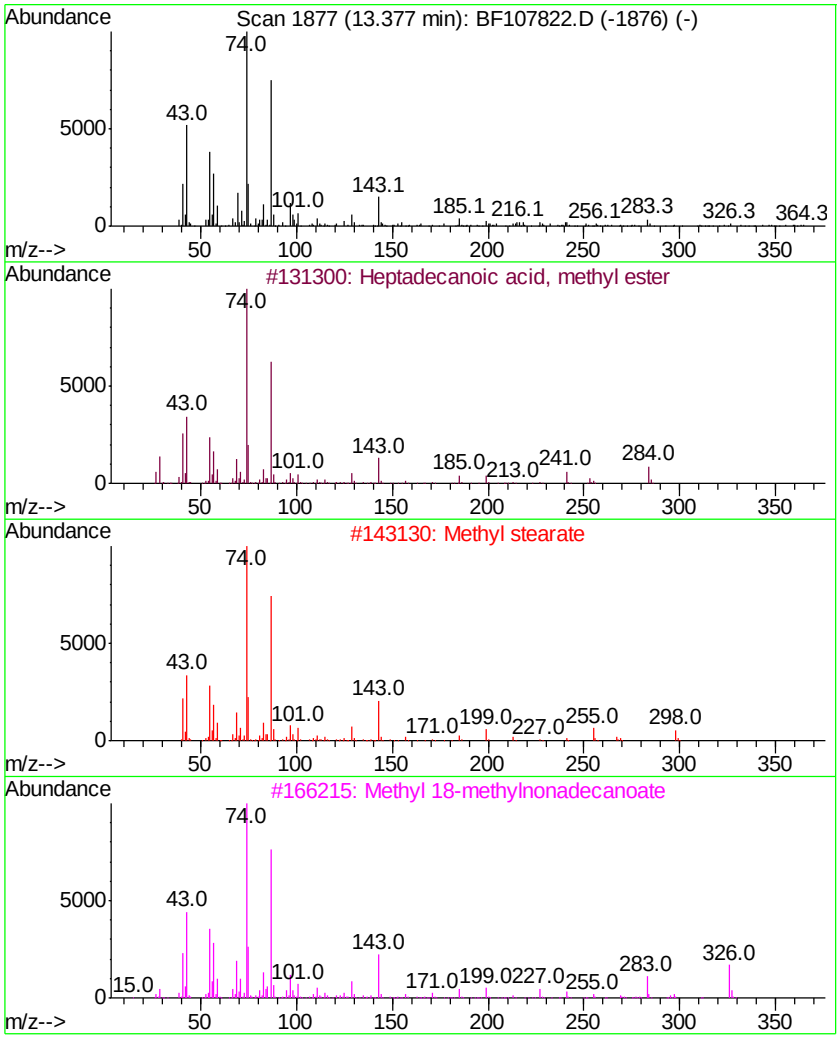
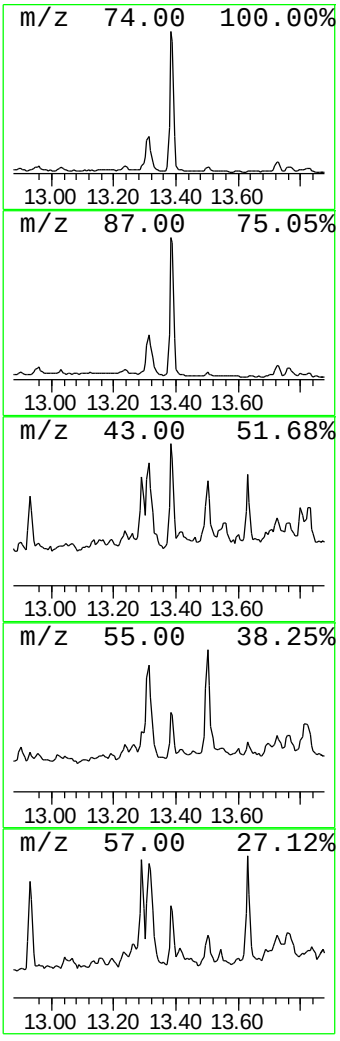
Peak Number 13 Heptadecanoic acid, methyl ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	14.62 ng	972411	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
2	Methyl stearate	298	C19H38O2	000112-61-8	93
3	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	91
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107822.D
Acq On : 31 Jul 2018 1:14
Operator : JU/SJ
Sample : J4143-10 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
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TIC Integration Parameters: LSCINT.P

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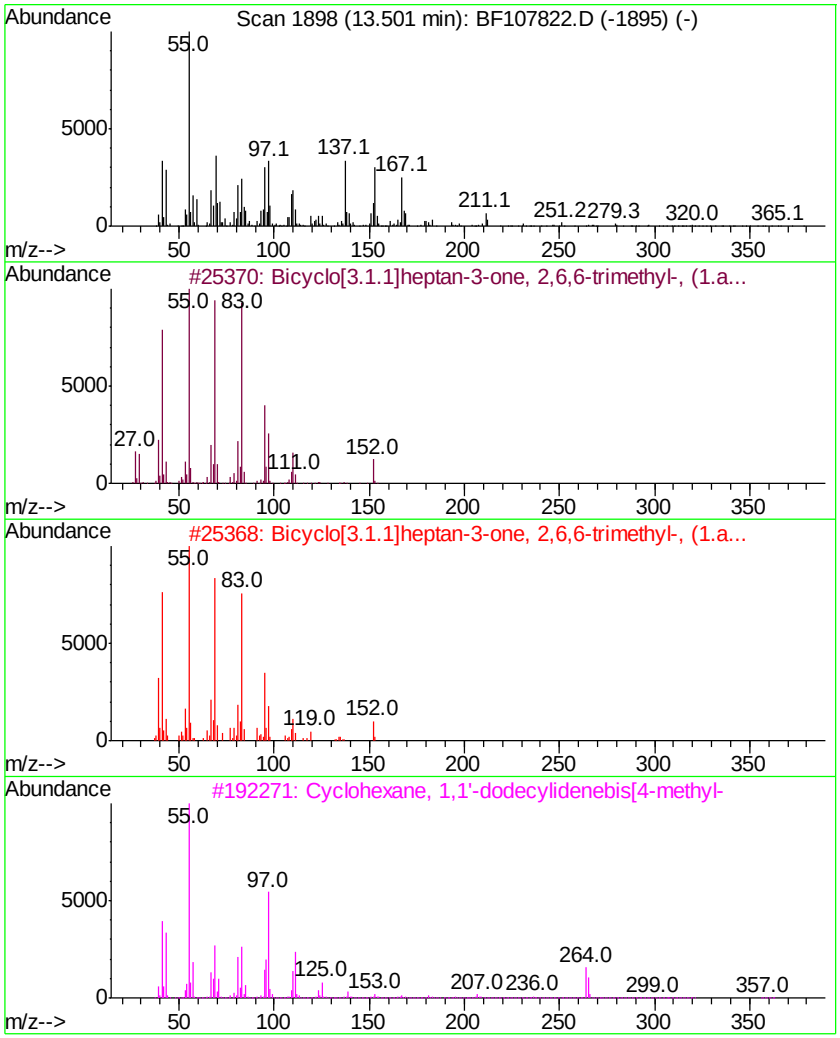
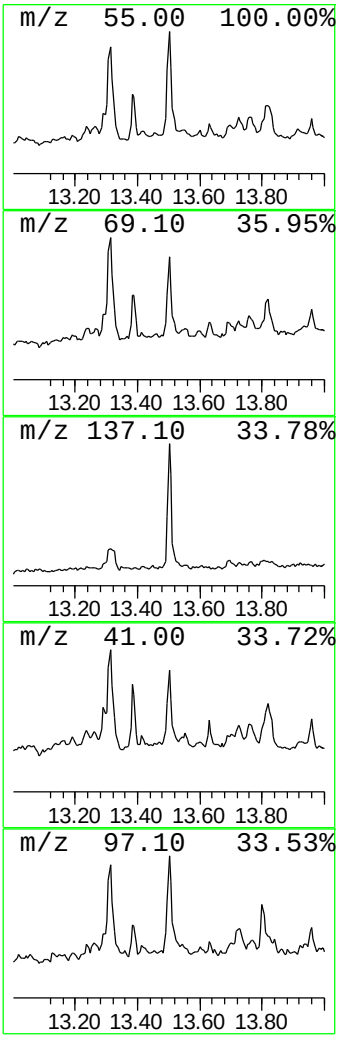
Peak Number 14 unknown13.50 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	17.49 ng	1163430	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	25
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	14
3	Cyclohexane, 1,1'-dodecylidenebi...	362	C26H50	055334-09-3	14
4	4-Decene, 6-methyl-, (E)-	154	C11H22	036229-57-9	11
5	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	11





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Sample : J4143-10 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(9-11)

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TIC Integration Parameters: LSCINT.P

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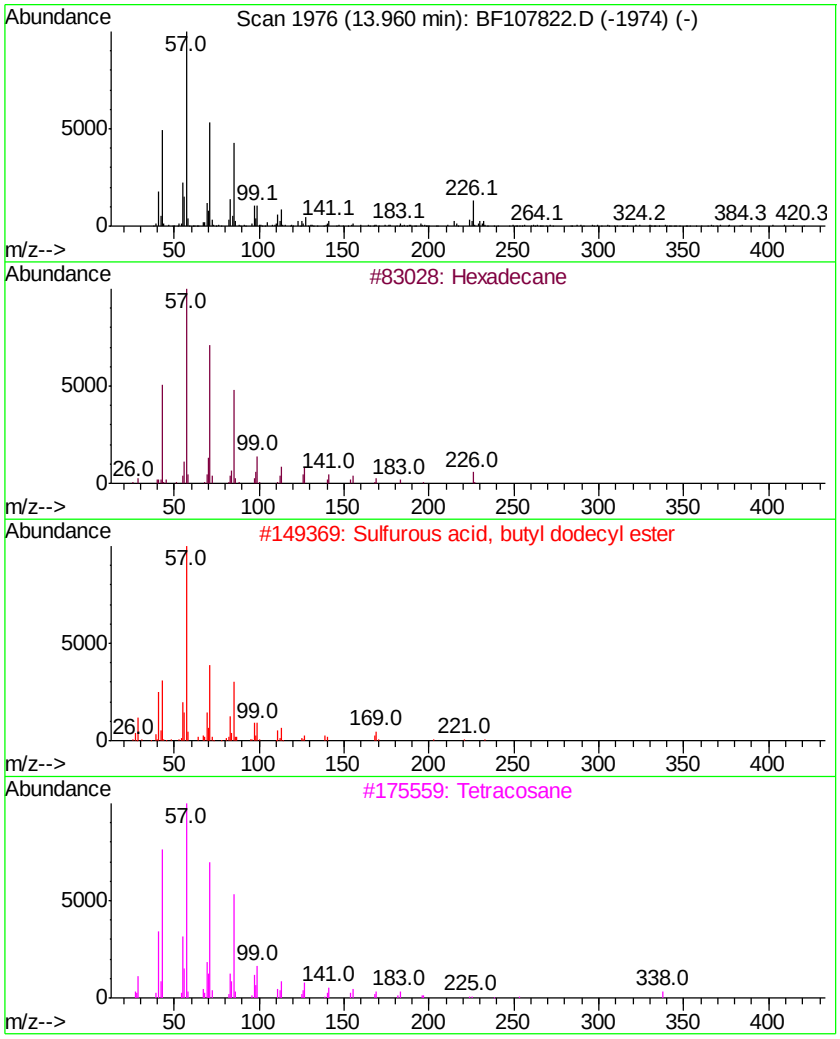
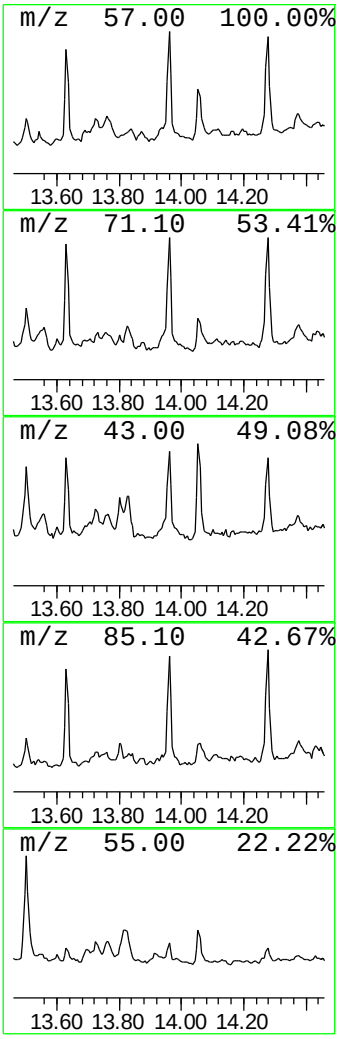
Peak Number 15 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	5.39 ng	358272	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	83
3	Tetracosane	338	C24H50	000646-31-1	80
4	2-methyloctacosane	408	C29H60	1000376-72-8	80
5	Hexacosane	366	C26H54	000630-01-3	76





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Acq On : 31 Jul 2018 1:14
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Sample : J4143-10 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(9-11)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
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TIC Integration Parameters: LSCINT.P

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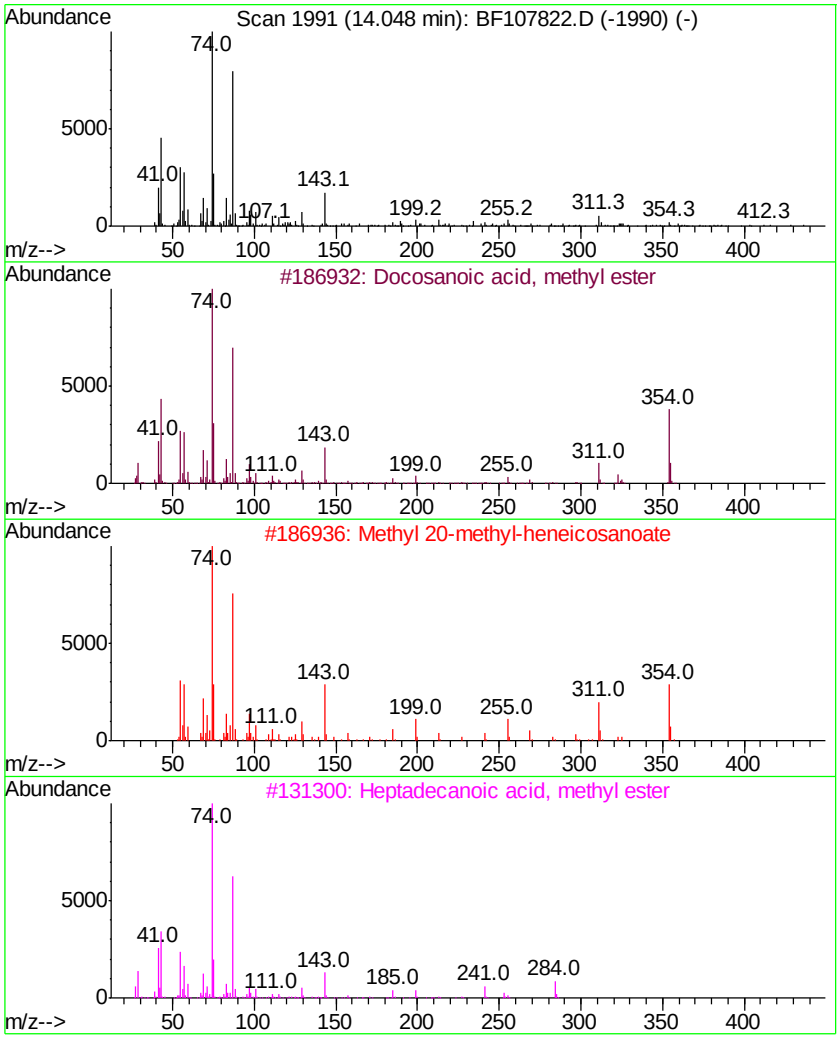
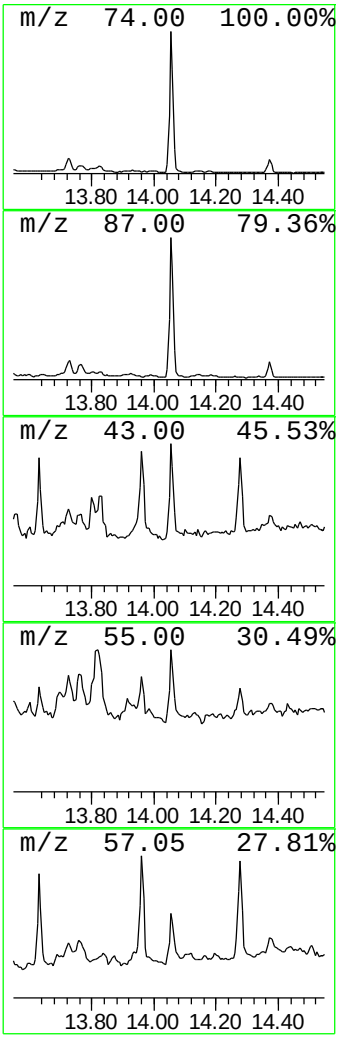
Peak Number 16 Docosanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	11.92 ng	792756	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	98
2	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	95
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	90
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073018\
Data File : BF107822.D
Acq On : 31 Jul 2018 1:14
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.74	6.74	35.0	ng	1797530	1	6.96	1027130	20.0
Heptadecane	10.88	10.4	ng	569423	4	11.50	1099430	20.0
Methyl tetradecan...	10.99	9.9	ng	546640	4	11.50	1099430	20.0
Bacchotricuneatin c	11.76	6.0	ng	330634	4	11.50	1099430	20.0
9-Hexadecenoic ac...	11.79	14.9	ng	818615	4	11.50	1099430	20.0
Hexadecanoic acid...	11.88	193.0	ng	10607200	4	11.50	1099430	20.0
Pentadecanoic acid	12.01	7.4	ng	404649	4	11.50	1099430	20.0
13-Octadecenoic a...	12.61	596.6	ng	32796000	4	11.50	1099430	20.0
Methyl stearate	12.67	120.4	ng	6620360	4	11.50	1099430	20.0
Methyl 9-cis,11-t...	12.90	6.2	ng	412259	5	14.16	1330140	20.0
Methyl 9-eicosenoate	13.31	28.2	ng	1877200	5	14.16	1330140	20.0
Heptadecanoic aci...	13.38	14.6	ng	972411	5	14.16	1330140	20.0
unknown13.50	13.50	17.5	ng	1163430	5	14.16	1330140	20.0
Hexadecane	13.96	5.4	ng	358272	5	14.16	1330140	20.0
Docosanoic acid, ...	14.05	11.9	ng	792756	5	14.16	1330140	20.0