

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\  
 Data File : BF101770.D  
 Acq On : 27 Dec 2017 18:48  
 Operator : SJ/JU  
 Sample : I6685-11 2X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-05-122617-D

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.004       | 492           | 496         | 517          | rBV      | 114866         | 210065        | 1.37%           | 0.439%        |
| 2         | 5.410       | 562           | 565         | 593          | rBV      | 1159967        | 1973458       | 12.82%          | 4.127%        |
| 3         | 6.433       | 736           | 739         | 757          | rBV      | 1358883        | 1967198       | 12.78%          | 4.114%        |
| 4         | 6.563       | 757           | 761         | 767          | rVV      | 1884849        | 1890341       | 12.28%          | 3.953%        |
| 5         | 6.786       | 796           | 799         | 814          | rBV      | 1050480        | 1005072       | 6.53%           | 2.102%        |
| 6         | 6.939       | 822           | 825         | 842          | rBV      | 1377096        | 1474487       | 9.58%           | 3.084%        |
| 7         | 7.357       | 893           | 896         | 913          | rBV      | 968283         | 1259696       | 8.19%           | 2.634%        |
| 8         | 8.069       | 1014          | 1017        | 1023         | rBV      | 1248715        | 1205890       | 7.84%           | 2.522%        |
| 9         | 9.139       | 1196          | 1199        | 1207         | rBV      | 1926159        | 1889673       | 12.28%          | 3.952%        |
| 10        | 9.545       | 1261          | 1268        | 1274         | rBV2     | 215961         | 290769        | 1.89%           | 0.608%        |
| 11        | 9.739       | 1298          | 1301        | 1305         | rVB      | 228990         | 168992        | 1.10%           | 0.353%        |
| 12        | 9.827       | 1312          | 1316        | 1329         | rVB      | 1373729        | 1318592       | 8.57%           | 2.758%        |
| 13        | 10.239      | 1383          | 1386        | 1389         | rBV      | 246667         | 190006        | 1.23%           | 0.397%        |
| 14        | 10.621      | 1448          | 1451        | 1463         | rBV      | 937987         | 1027454       | 6.68%           | 2.149%        |
| 15        | 10.710      | 1463          | 1466        | 1471         | rBV      | 240608         | 263642        | 1.71%           | 0.551%        |
| 16        | 11.321      | 1566          | 1570        | 1578         | rBV      | 1136722        | 1159116       | 7.53%           | 2.424%        |
| 17        | 11.698      | 1629          | 1634        | 1637         | rBV      | 5508358        | 6333029       | 41.15%          | 13.245%       |
| 18        | 11.839      | 1653          | 1658        | 1664         | rBV3     | 300980         | 386850        | 2.51%           | 0.809%        |
| 19        | 12.404      | 1745          | 1754        | 1756         | rBV3     | 5884264        | 15389087      | 100.00%         | 32.184%       |
| 20        | 12.486      | 1765          | 1768        | 1772         | rVB      | 3567143        | 3386299       | 22.00%          | 7.082%        |
| 21        | 12.527      | 1772          | 1775        | 1776         | rBV      | 216951         | 210874        | 1.37%           | 0.441%        |
| 22        | 12.545      | 1776          | 1778        | 1785         | rVV3     | 217948         | 330764        | 2.15%           | 0.692%        |
| 23        | 12.904      | 1833          | 1839        | 1842         | rBV      | 1410901        | 1330683       | 8.65%           | 2.783%        |
| 24        | 13.127      | 1875          | 1877        | 1886         | rVB      | 282104         | 316616        | 2.06%           | 0.662%        |
| 25        | 13.204      | 1887          | 1890        | 1893         | rBV      | 432903         | 383973        | 2.50%           | 0.803%        |
| 26        | 13.645      | 1958          | 1965        | 1969         | rBV4     | 137147         | 250983        | 1.63%           | 0.525%        |
| 27        | 13.780      | 1985          | 1988        | 1993         | rVB      | 198029         | 218080        | 1.42%           | 0.456%        |
| 28        | 13.874      | 2001          | 2004        | 2009         | rBV      | 379663         | 326370        | 2.12%           | 0.683%        |
| 29        | 13.974      | 2017          | 2021        | 2029         | rBV      | 872073         | 929263        | 6.04%           | 1.943%        |
| 30        | 15.445      | 2267          | 2271        | 2279         | rVB      | 539532         | 728869        | 4.74%           | 1.524%        |

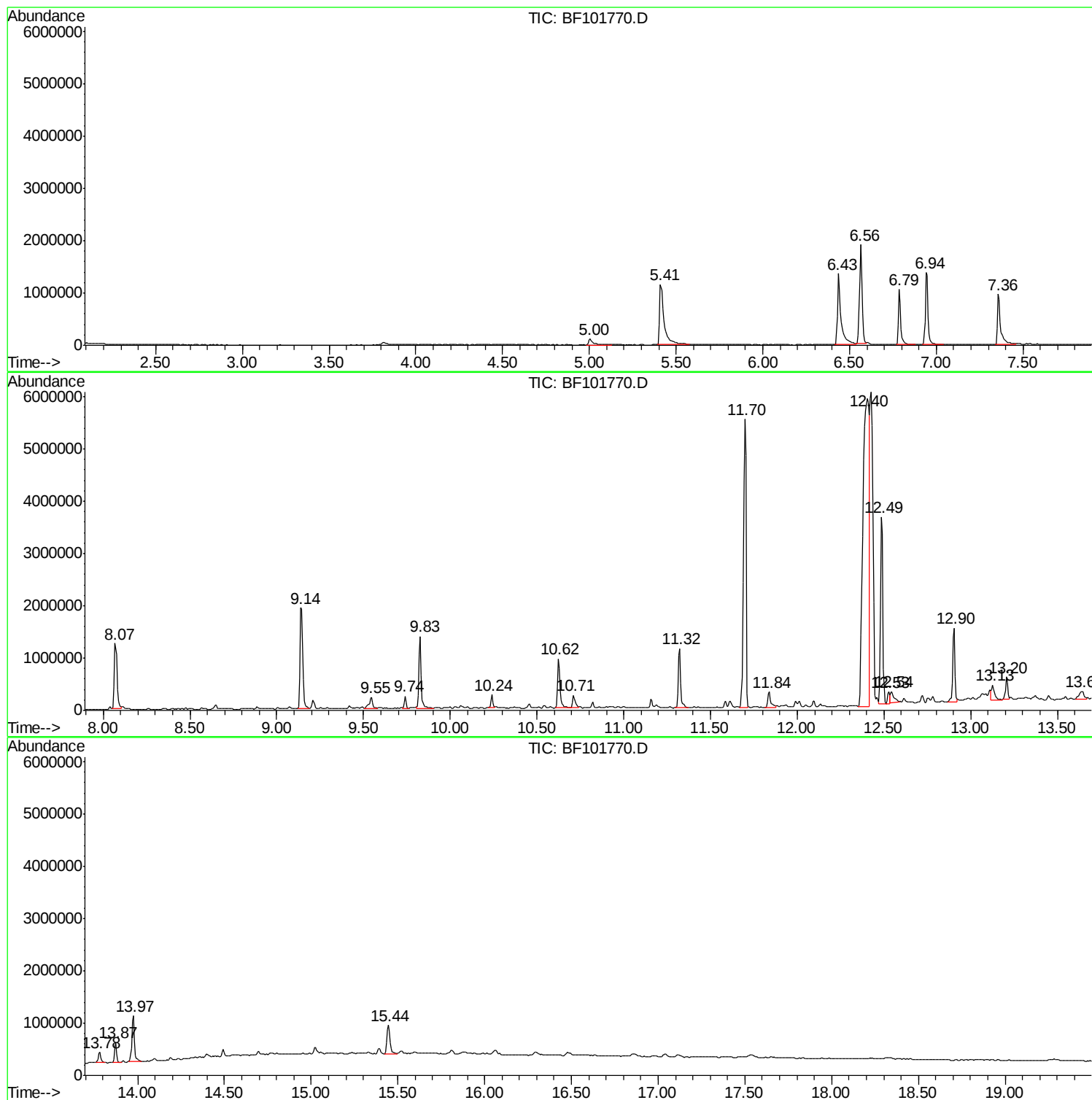
Sum of corrected areas: 47816191

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.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\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

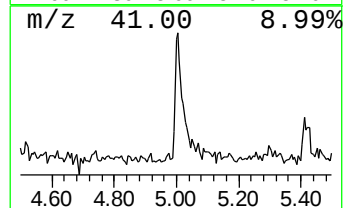
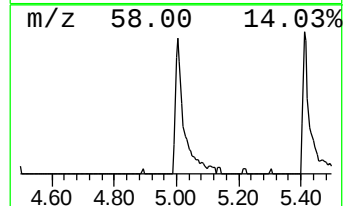
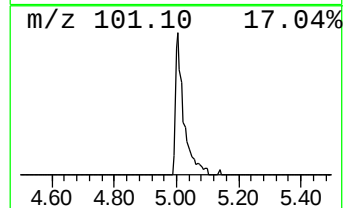
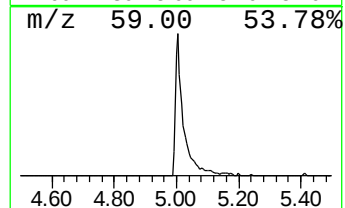
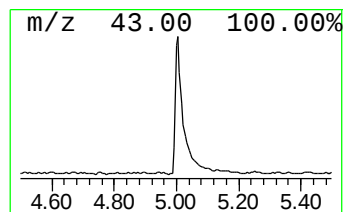
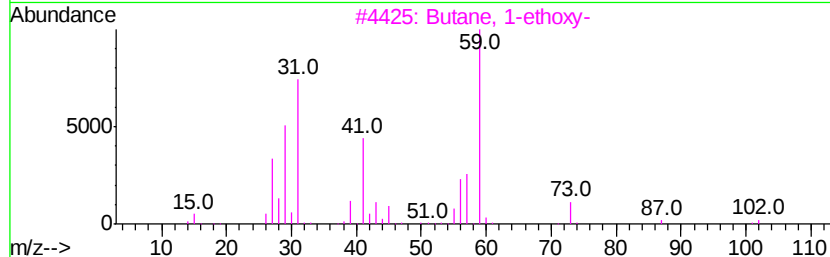
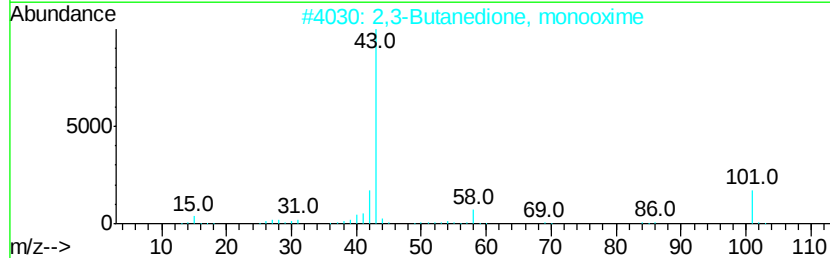
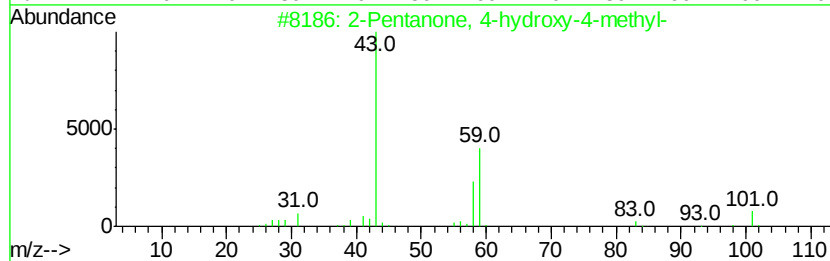
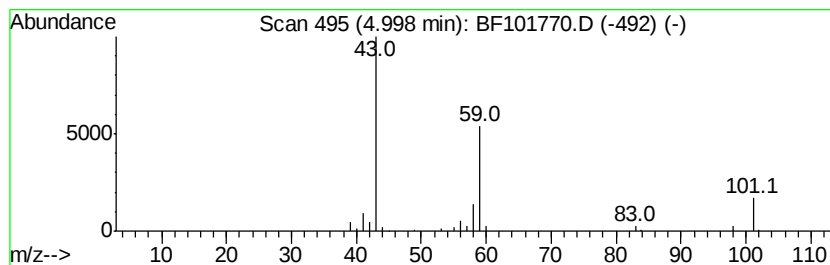
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.00 | 4.18 ng | 210065 | 1,4-Dichlorobenzene-d4 | 6.79 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50   |
| 2    |    |   | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 12   |
| 3    |    |   | Butane, 1-ethoxy-                | 102 | C6H14O  | 000628-81-9 | 9    |
| 4    |    |   | Morpholine, 4-methyl-            | 101 | C5H11NO | 000109-02-4 | 9    |
| 5    |    |   | 5-Hexen-2-one                    | 98  | C6H10O  | 000109-49-9 | 9    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

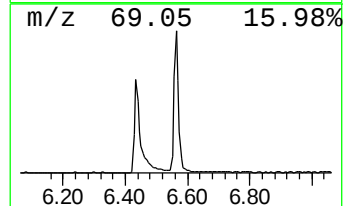
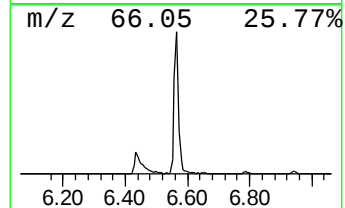
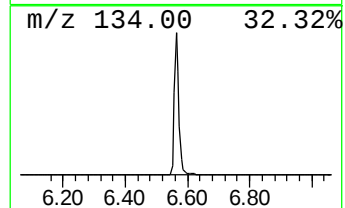
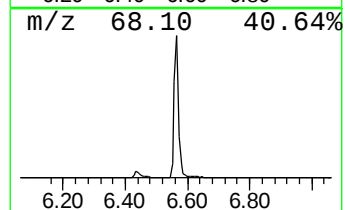
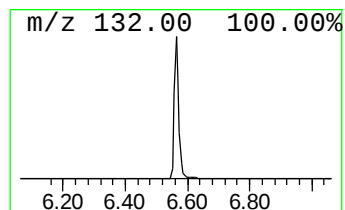
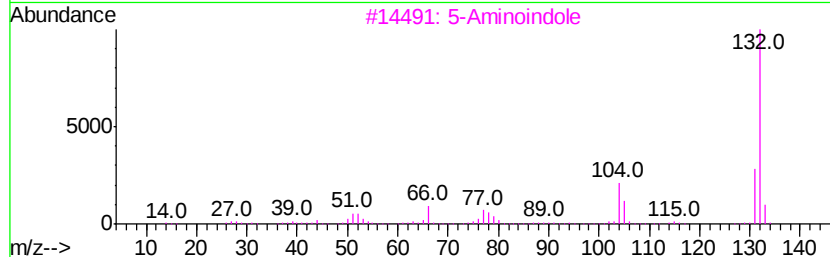
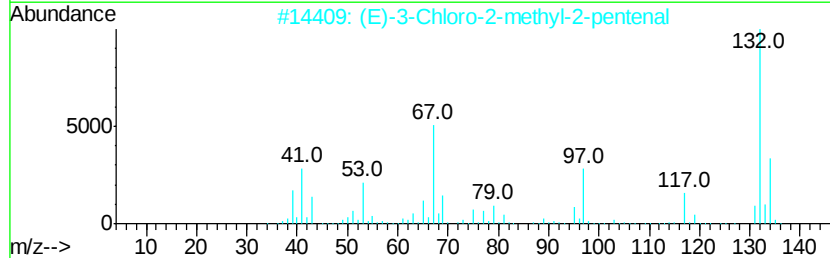
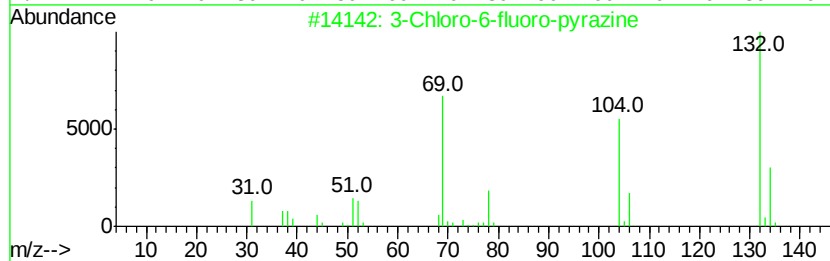
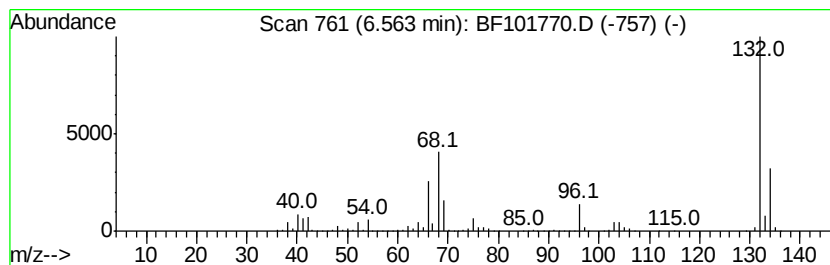
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 unknown6.56 Concentration Rank 4

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.56 | 37.62 ng | 1890340 | 1,4-Dichlorobenzene-d4 | 6.79 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 16   |
| 3    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | 1,3,5-Trifluorobenzene           | 132 | C6H3F3    | 000372-38-3  | 9    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

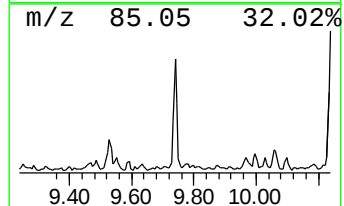
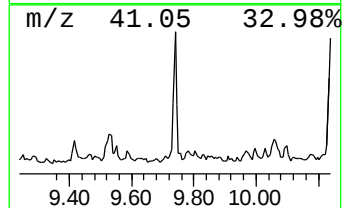
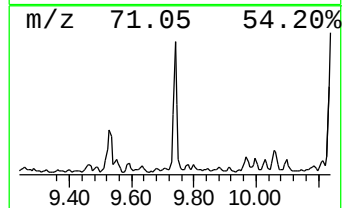
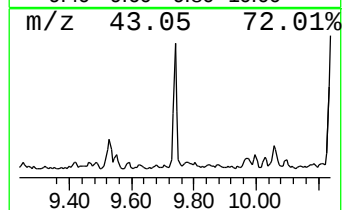
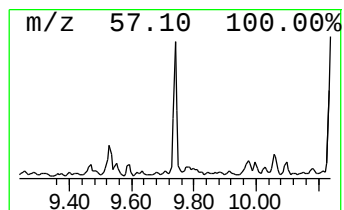
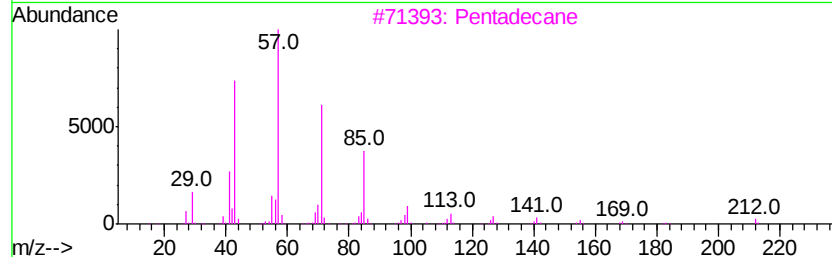
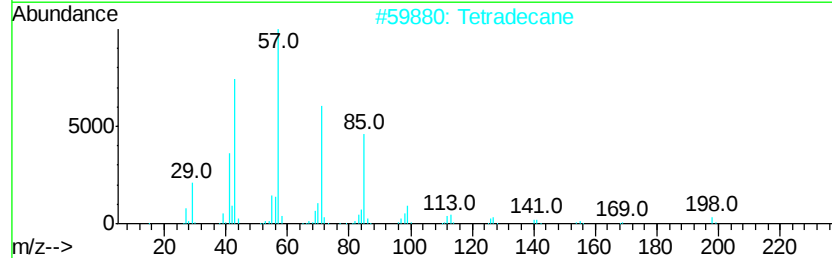
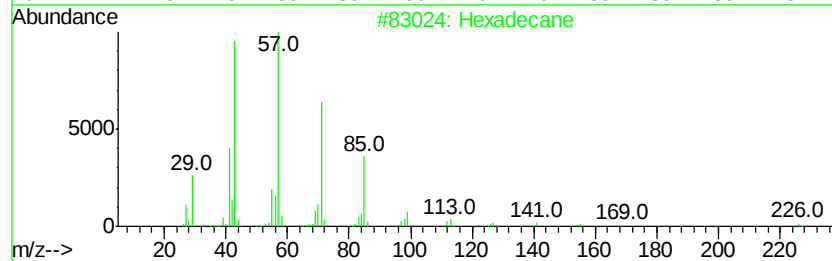
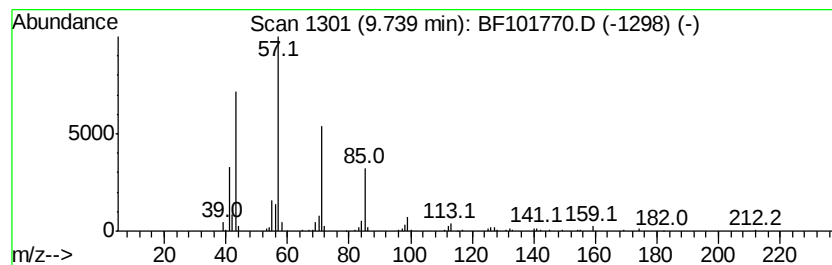
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Hexadecane Concentration Rank 17

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 9.74 | 2.56 ng | 168992 | Acenaphthene-d10 | 9.83 |

| Hit# of | 5                   | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|---------|---------------------|--------------|-----|----------|-------------|------|
| 1       | Hexadecane          |              | 226 | C16H34   | 000544-76-3 | 90   |
| 2       | Tetradecane         |              | 198 | C14H30   | 000629-59-4 | 90   |
| 3       | Pentadecane         |              | 212 | C15H32   | 000629-62-9 | 90   |
| 4       | Tridecane           |              | 184 | C13H28   | 000629-50-5 | 86   |
| 5       | Bacchotricuneatin c |              | 342 | C20H22O5 | 066563-30-2 | 68   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

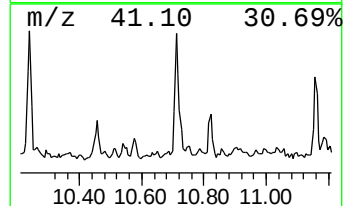
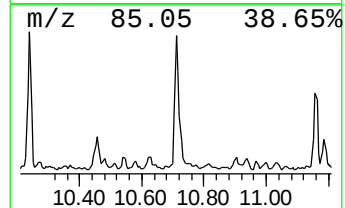
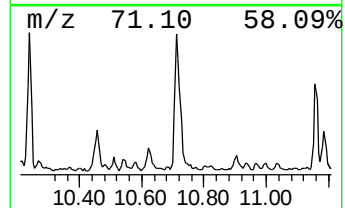
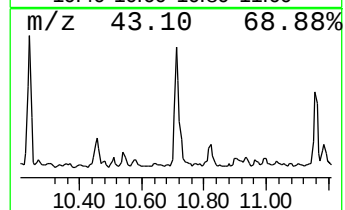
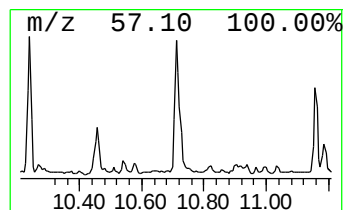
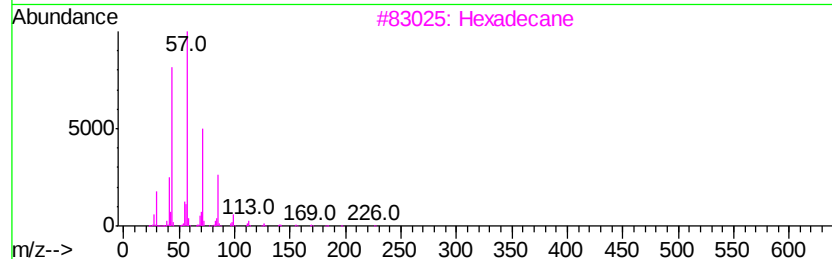
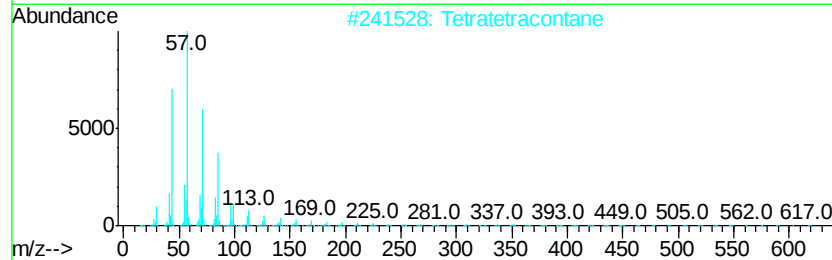
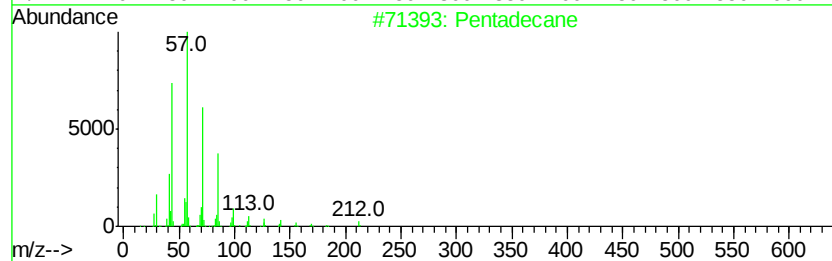
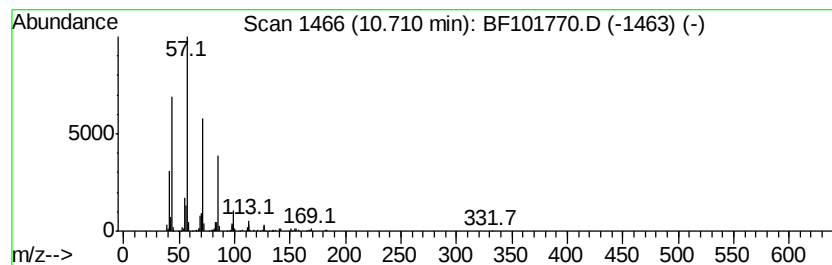
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Pentadecane Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 10.71 | 4.55 ng | 263642 | Phenanthrene-d10 | 11.32 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Pentadecane           | 212 | C15H32  | 000629-62-9 | 90   |
| 2    |    | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 90   |
| 3    |    | Hexadecane            | 226 | C16H34  | 000544-76-3 | 90   |
| 4    |    | Nonadecane, 9-methyl- | 282 | C20H42  | 013287-24-6 | 86   |
| 5    |    | Octadecane            | 254 | C18H38  | 000593-45-3 | 86   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

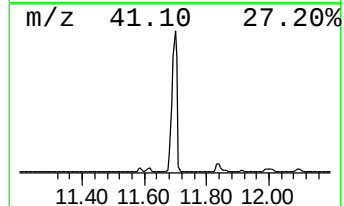
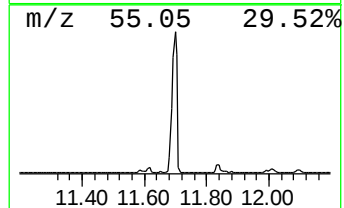
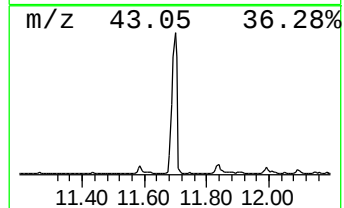
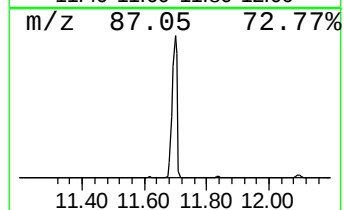
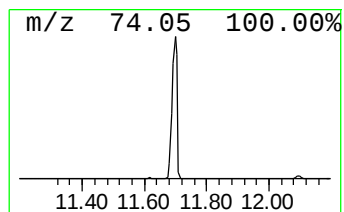
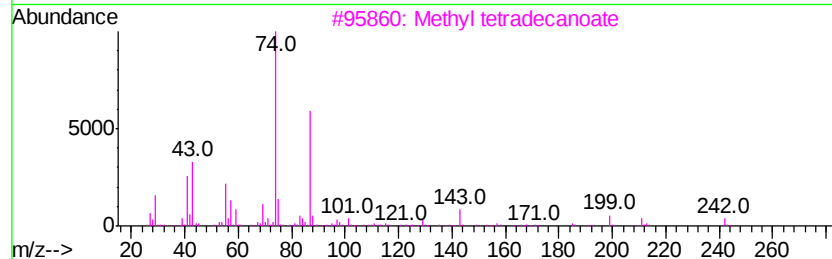
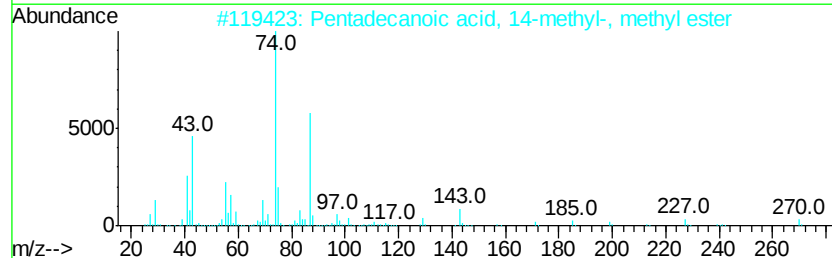
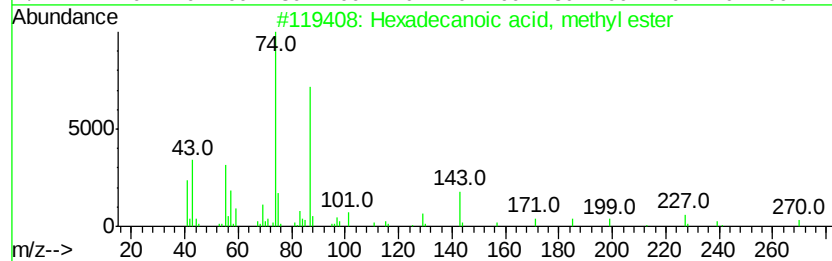
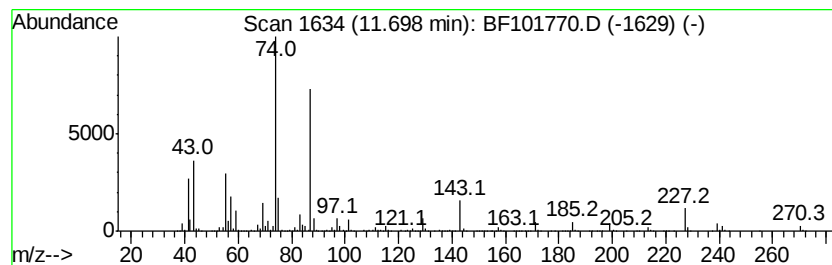
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 11.70 | 109.27 ng | 6333030 | Phenanthrene-d10 | 11.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 98   |
| 2    |    | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 96   |
| 3    |    | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 91   |
| 4    |    | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 90   |
| 5    |    | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 86   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

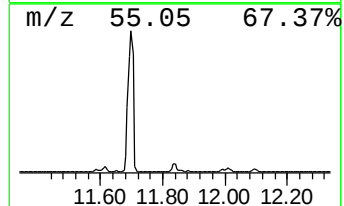
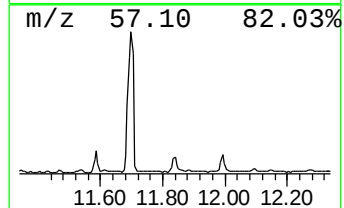
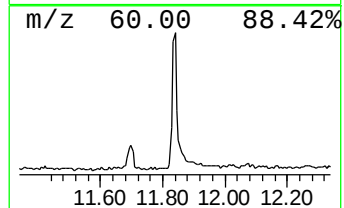
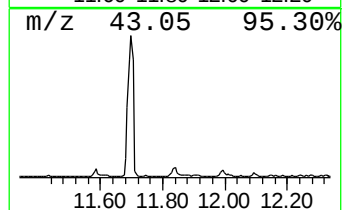
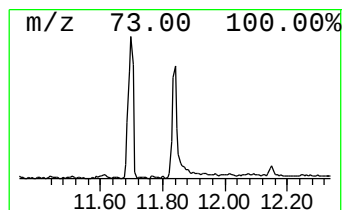
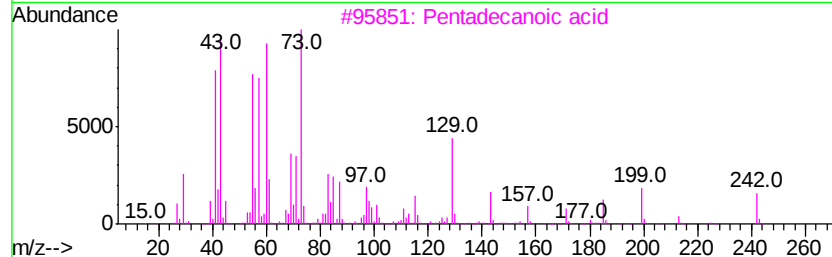
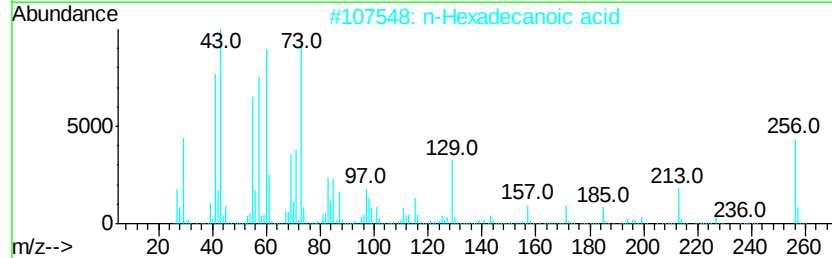
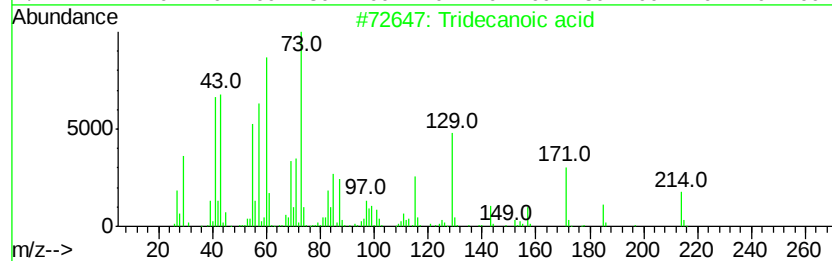
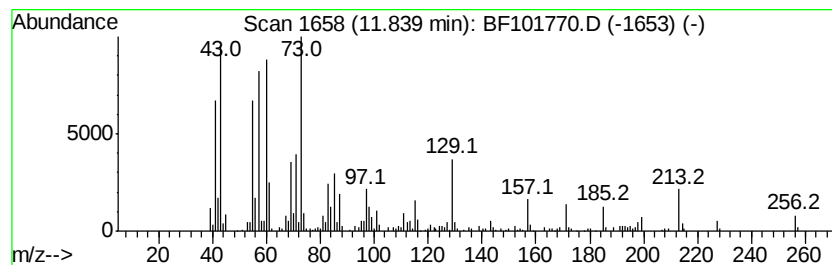
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Tridecanoic acid Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.84 | 6.67 ng | 386850 | Phenanthrene-d10 | 11.32 |

| Hit# of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|-----------|---------------------|-----|----------|-------------|------|
| 1         | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 96   |
| 2         | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 3         | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 91   |
| 4         | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 90   |
| 5         | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 46   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

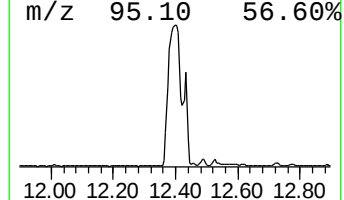
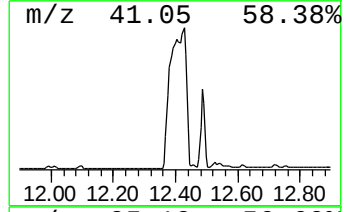
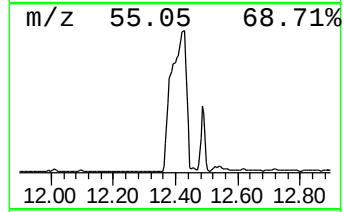
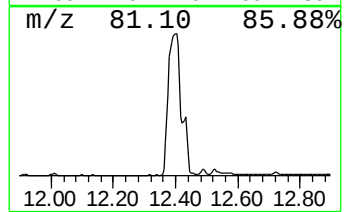
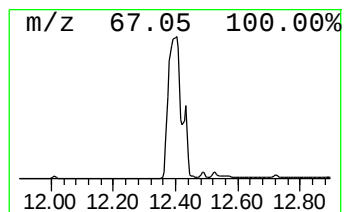
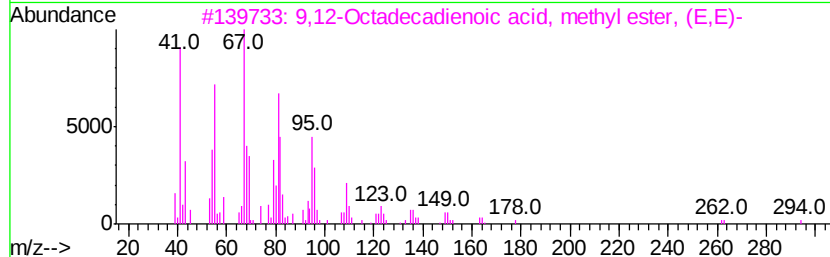
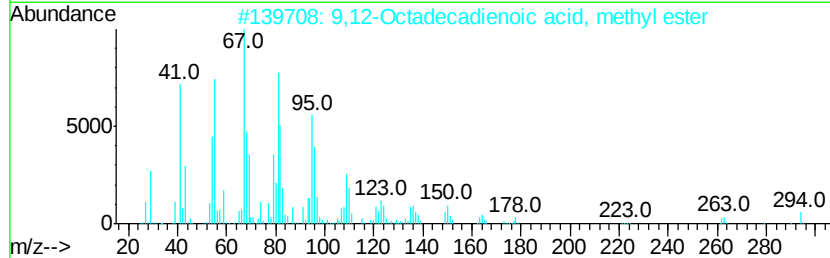
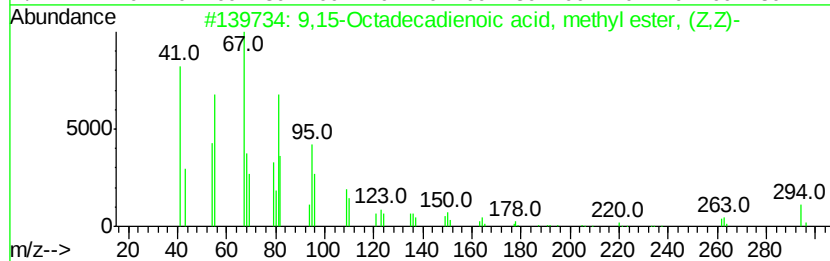
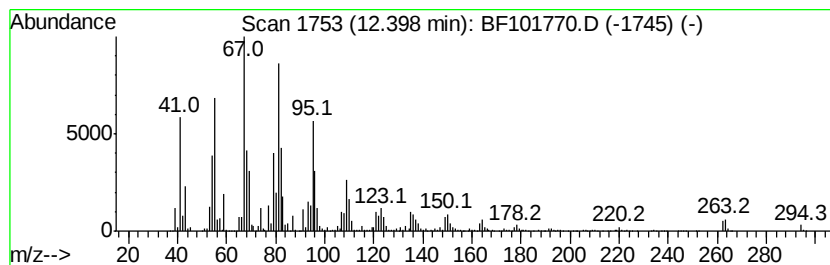
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 9,15-Octadecadienoic acid, ... Concentration Rank 1

| R.T.  | EstConc   | Area     | Relative to ISTD | R.T.  |
|-------|-----------|----------|------------------|-------|
| 12.40 | 265.53 ng | 15389100 | Phenanthrene-d10 | 11.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 9,15-Octadecadienoic acid, methy... | 294 | C19H34O2 | 017309-05-6 | 99   |
| 2    |    | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002462-85-3 | 99   |
| 3    |    | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4 | 99   |
| 4    |    | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2 | 000112-63-0 | 99   |
| 5    |    | 8,11-Octadecadienoic acid, methy... | 294 | C19H34O2 | 056599-58-7 | 95   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

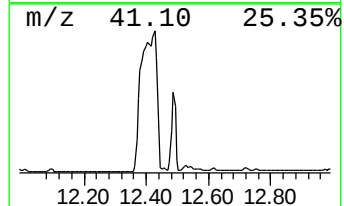
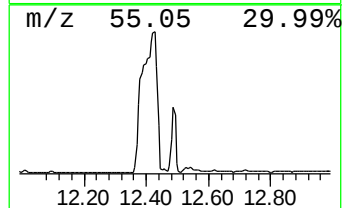
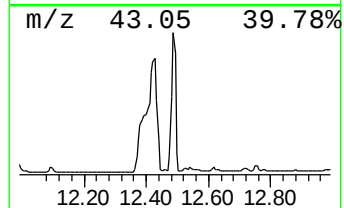
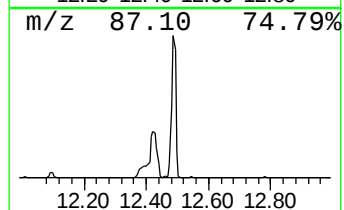
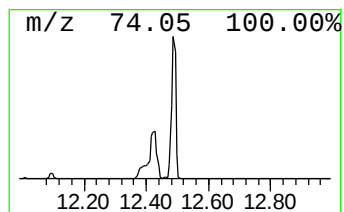
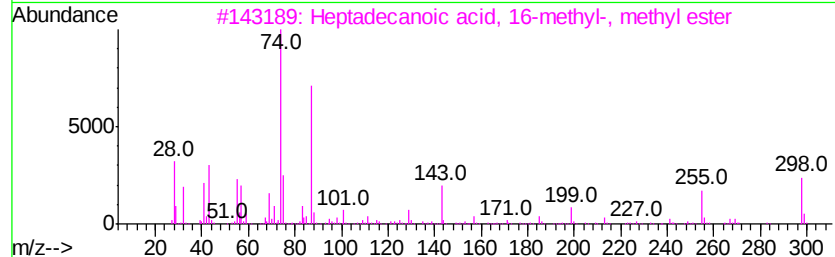
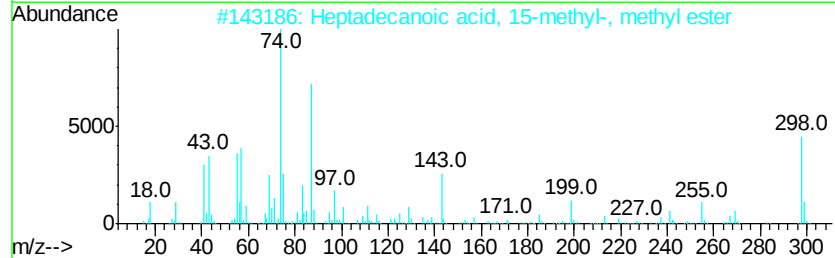
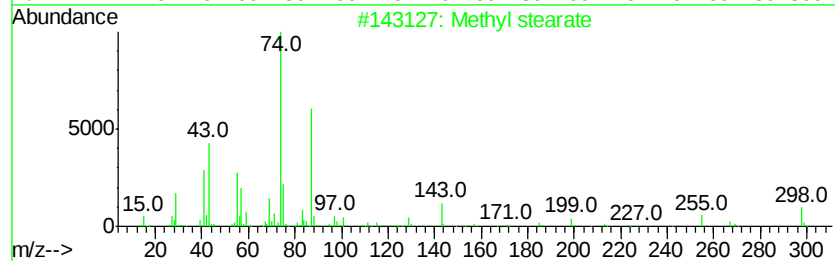
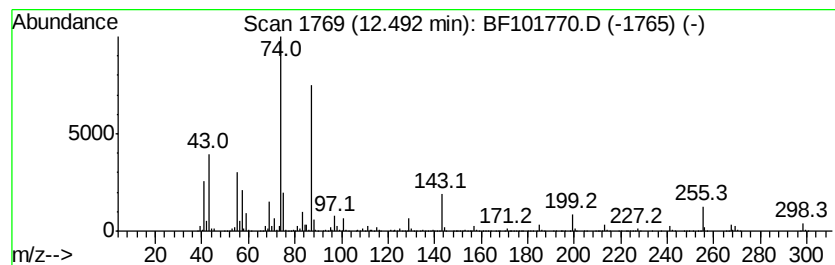
Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.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 stearate Concentration Rank 3

| R.T.    | EstConc  | Area                                | Relative to ISTD | R.T.           |
|---------|----------|-------------------------------------|------------------|----------------|
| 12.49   | 58.43 ng | 3386300                             | Phenanthrene-d10 | 11.32          |
| Hit# of | 5        | Tentative ID                        | MW MolForm       | CAS# Qual      |
| 1       |          | Methyl stearate                     | 298 C19H38O2     | 000112-61-8 97 |
| 2       |          | Heptadecanoic acid, 15-methyl-, ... | 298 C19H38O2     | 054833-55-5 93 |
| 3       |          | Heptadecanoic acid, 16-methyl-, ... | 298 C19H38O2     | 005129-61-3 92 |
| 4       |          | Heptadecanoic acid, methyl ester    | 284 C18H36O2     | 001731-92-6 91 |
| 5       |          | Pentadecanoic acid, methyl ester    | 256 C16H32O2     | 007132-64-1 90 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

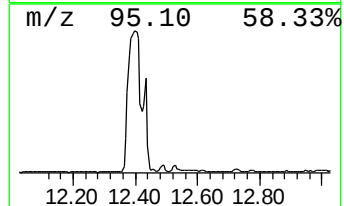
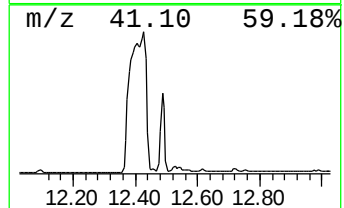
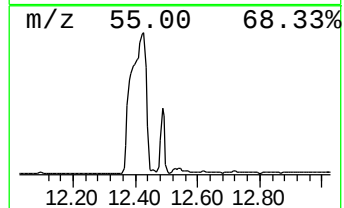
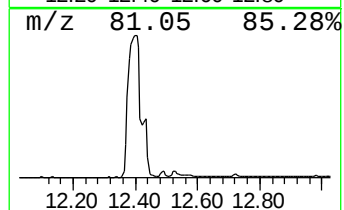
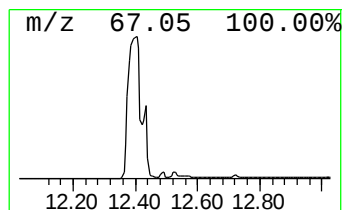
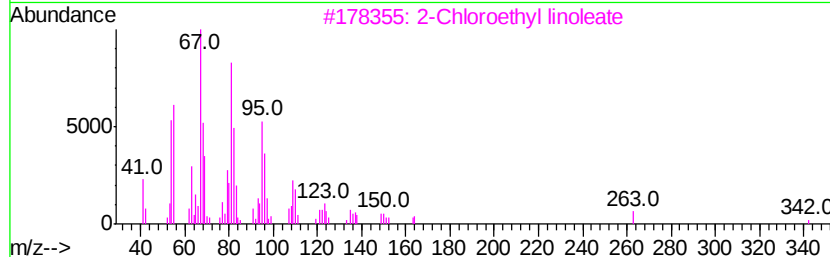
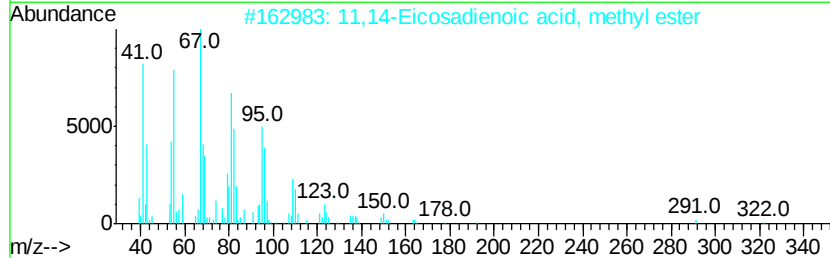
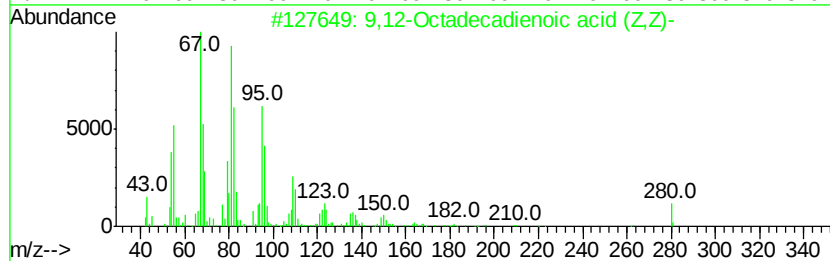
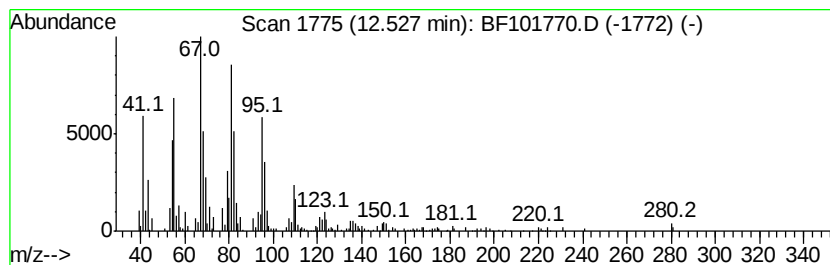
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 9,12-Octadecadienoic acid (... Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.53 | 3.64 ng | 210874 | Phenanthrene-d10 | 11.32 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 9,12-Octadecadienoic acid (Z,Z)-    | 280 | C18H32O2   | 000060-33-3 | 99   |
| 2    |    |   | 11,14-Eicosadienoic acid, methyl... | 322 | C21H38O2   | 002463-02-7 | 92   |
| 3    |    |   | 2-Chloroethyl linoleate             | 342 | C20H35ClO2 | 025525-76-2 | 91   |
| 4    |    |   | 7-Hexadecyne                        | 222 | C16H30     | 074685-28-2 | 90   |
| 5    |    |   | 1,11-Dodecadiene                    | 166 | C12H22     | 005876-87-9 | 83   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

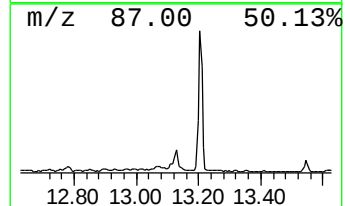
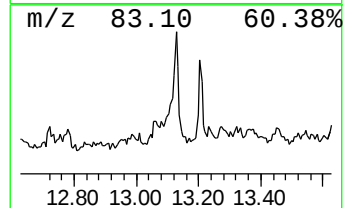
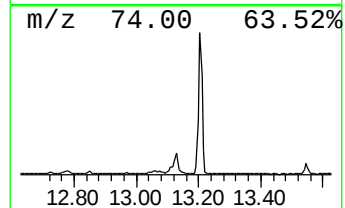
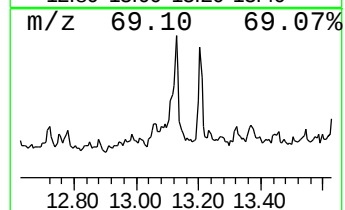
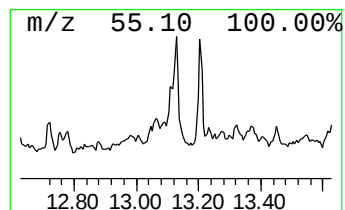
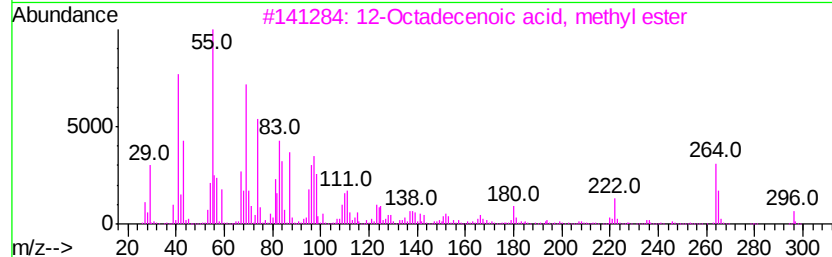
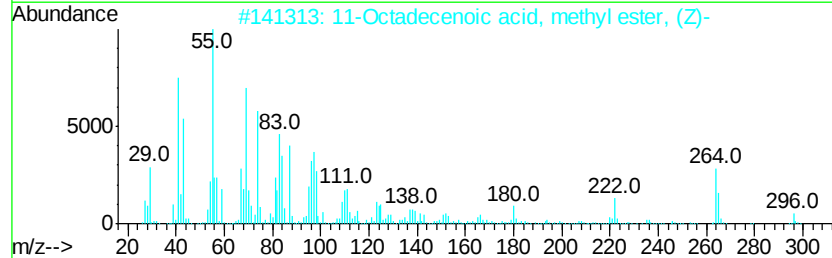
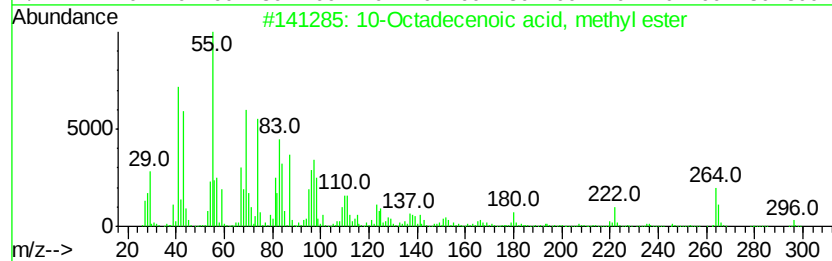
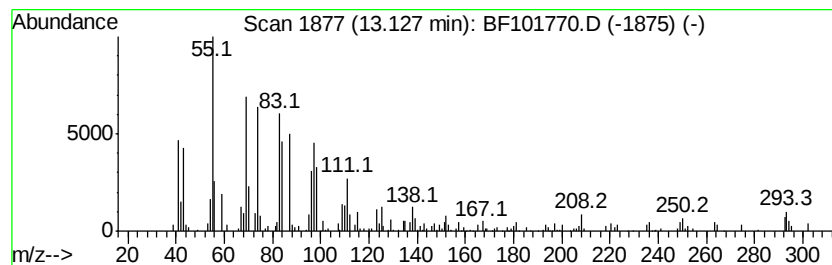
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 10-Octadecenoic acid, methyl... Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.13 | 6.81 ng | 316616 | Chrysene-d12     | 13.97 |

| Hit# | of | 5 | Tentative ID                          | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 10-Octadecenoic acid, methyl ester    | 296 | C19H36O2 | 013481-95-3 | 87   |
| 2    |    |   | 11-Octadecenoic acid, methyl ester... | 296 | C19H36O2 | 001937-63-9 | 87   |
| 3    |    |   | 12-Octadecenoic acid, methyl ester    | 296 | C19H36O2 | 056554-46-2 | 87   |
| 4    |    |   | 9-Octadecenoic acid (Z)-, methyl...   | 296 | C19H36O2 | 000112-62-9 | 86   |
| 5    |    |   | 14-Octadecenoic acid, methyl ester    | 296 | C19H36O2 | 056554-48-4 | 83   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

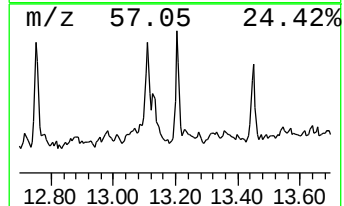
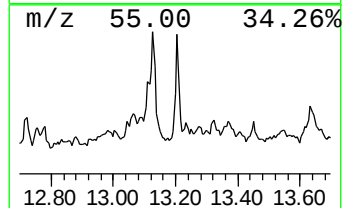
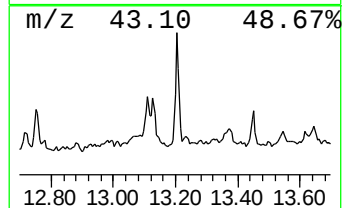
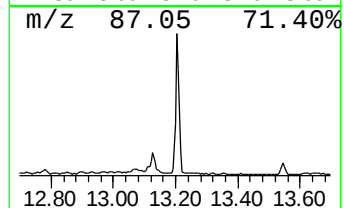
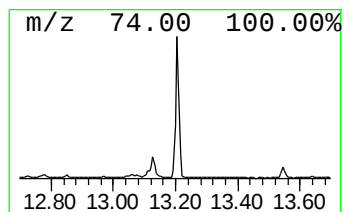
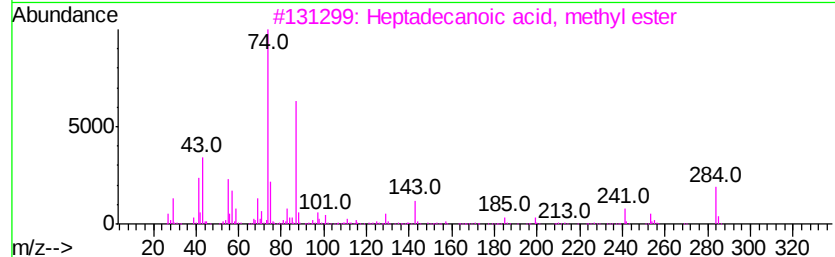
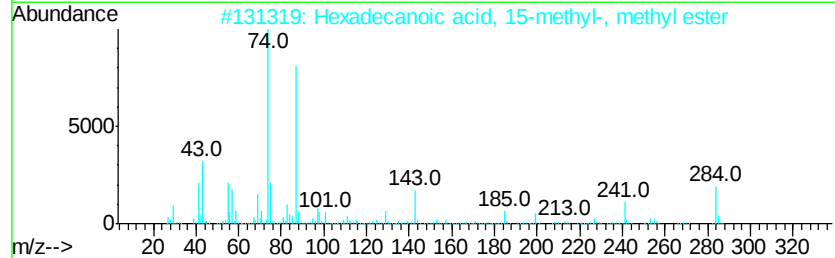
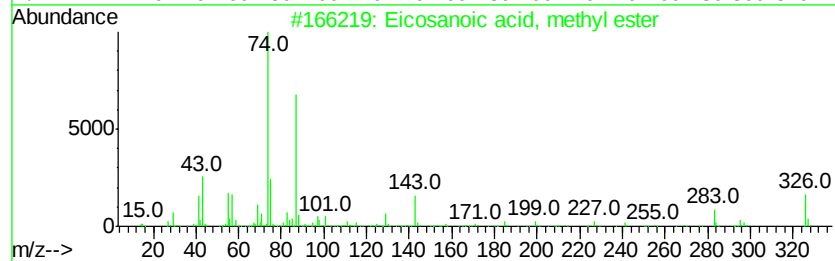
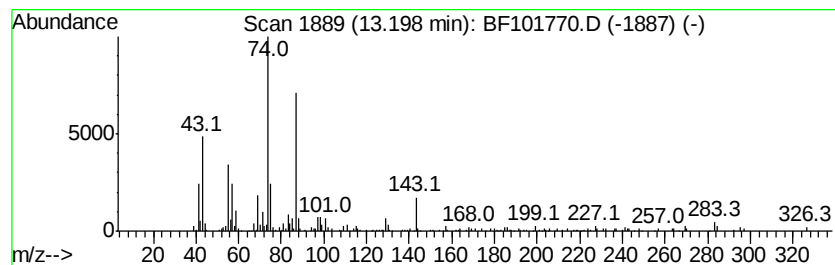
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 Eicosanoic acid, methyl ester Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.20 | 8.26 ng | 383973 | Chrysene-d12     | 13.97 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Eicosanoic acid, methyl ester       | 326 | C21H42O2 | 001120-28-1 | 96   |
| 2    |    | Hexadecanoic acid, 15-methyl-, m... | 284 | C18H36O2 | 006929-04-0 | 95   |
| 3    |    | Heptadecanoic acid, methyl ester    | 284 | C18H36O2 | 001731-92-6 | 94   |
| 4    |    | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 93   |
| 5    |    | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 90   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

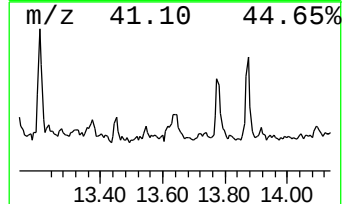
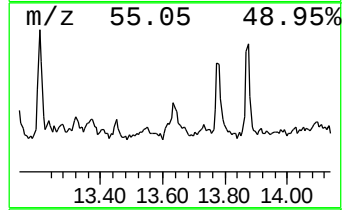
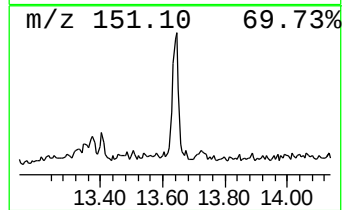
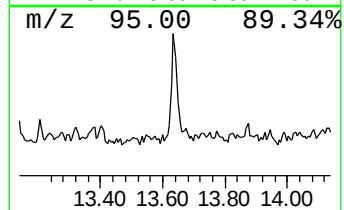
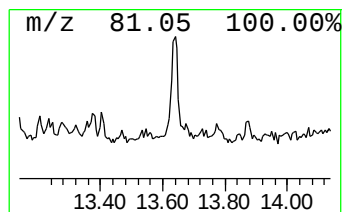
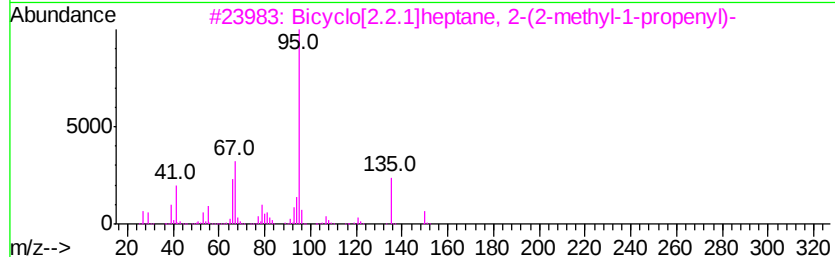
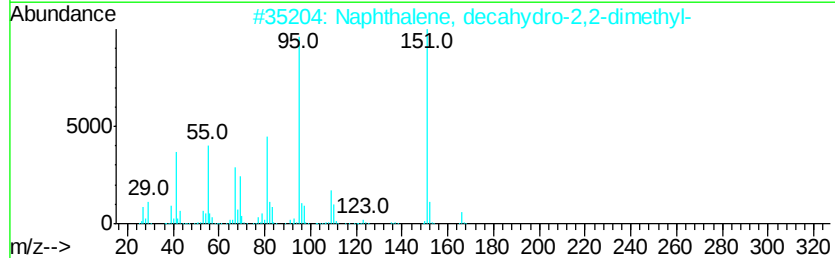
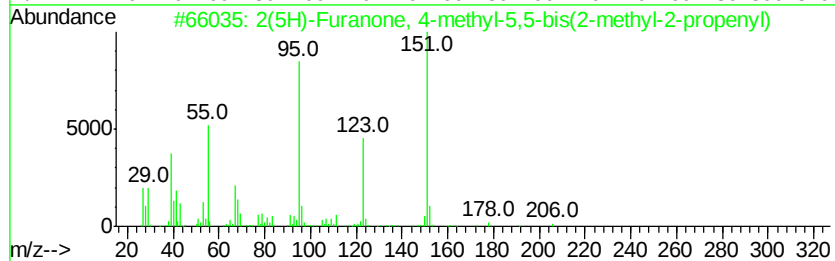
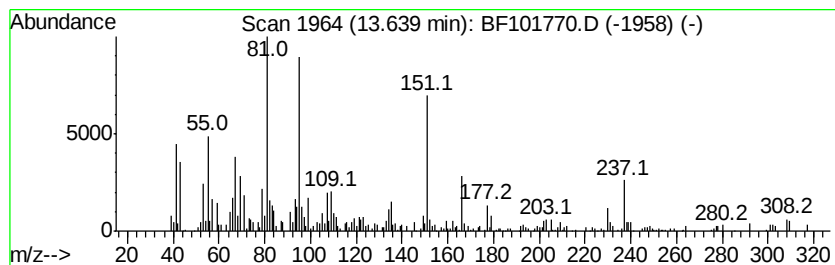
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 15 unknown13.64 Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.64 | 5.40 ng | 250983 | Chrysene-d12     | 13.97 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2(5H)-Furanone, 4-methyl-5,5-bis... | 206 | C13H18O2 | 099202-98-9 | 38   |
| 2    |    |   | Naphthalene, decahydro-2,2-dimet... | 166 | C12H22   | 031124-85-3 | 30   |
| 3    |    |   | Bicyclo[2.2.1]heptane, 2-(2-meth... | 150 | C11H18   | 061142-27-6 | 27   |
| 4    |    |   | 1,4-Benzodioxan-6-amine             | 151 | C8H9NO2  | 022013-33-8 | 22   |
| 5    |    |   | 4-Amino-2,1,3-benzothiadiazole      | 151 | C6H5N3S  | 000767-64-6 | 22   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

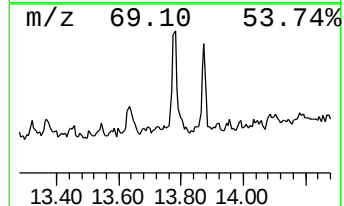
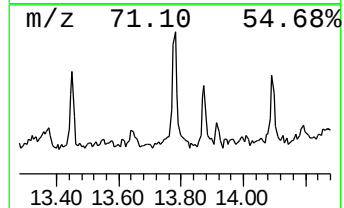
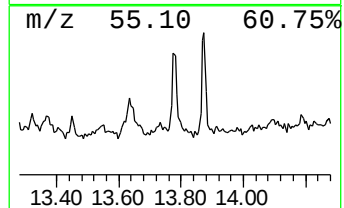
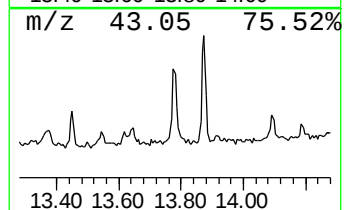
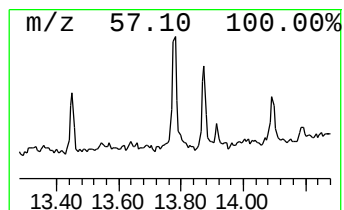
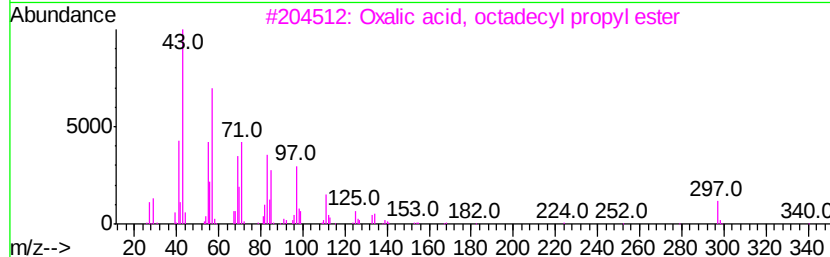
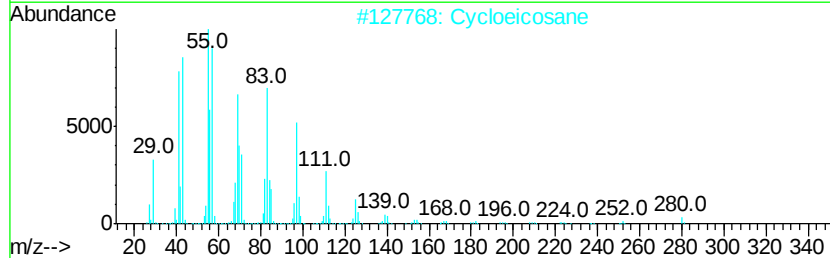
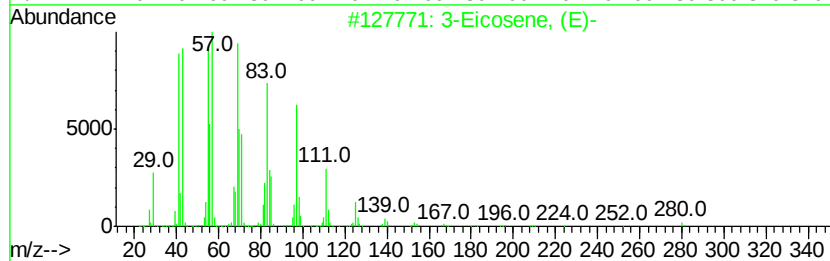
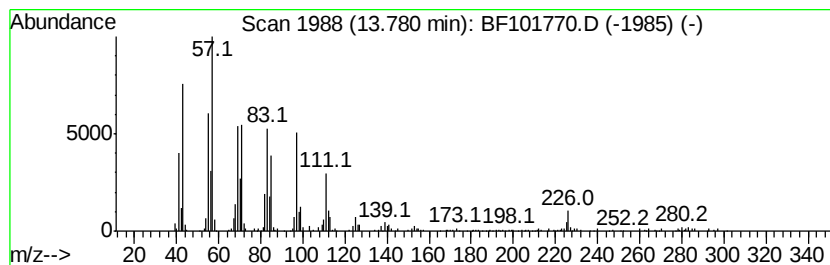
Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 16 3-Eicosene, (E)- Concentration Rank 12

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 13.78     | 4.69 ng                             | 218080 | Chrysene-d12     | 13.97        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 3-Eicosene, (E)-                    | 280    | C20H40           | 074685-33-9  | 87   |
| 2         | Cycloeicosane                       | 280    | C20H40           | 000296-56-0  | 87   |
| 3         | Oxalic acid, octadecyl propyl ester | 384    | C23H44O4         | 1000309-27-0 | 87   |
| 4         | 5-Eicosene, (E)-                    | 280    | C20H40           | 074685-30-6  | 70   |
| 5         | 9-Eicosene, (E)-                    | 280    | C20H40           | 074685-29-3  | 70   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122717\  
Data File : BF101770.D  
Acq On : 27 Dec 2017 18:48  
Operator : SJ/JU  
Sample : I6685-11 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

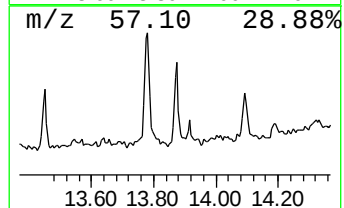
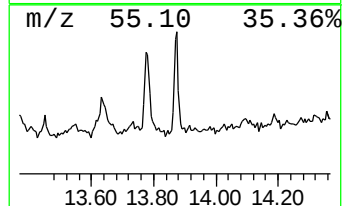
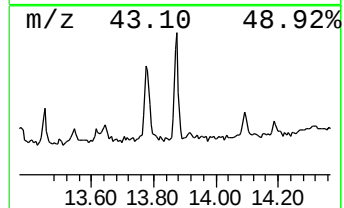
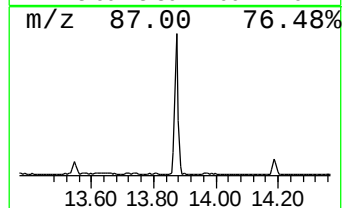
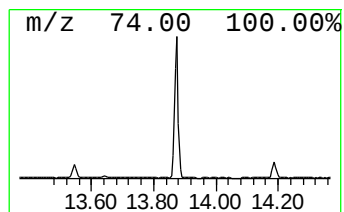
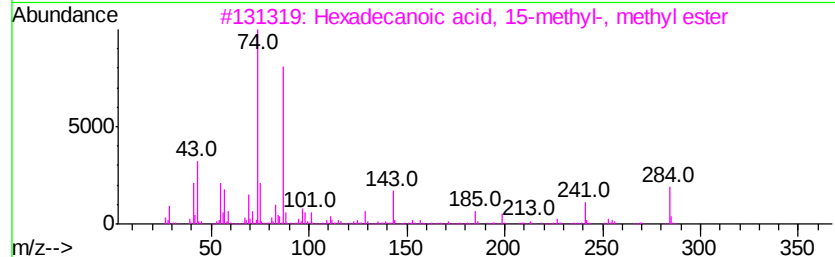
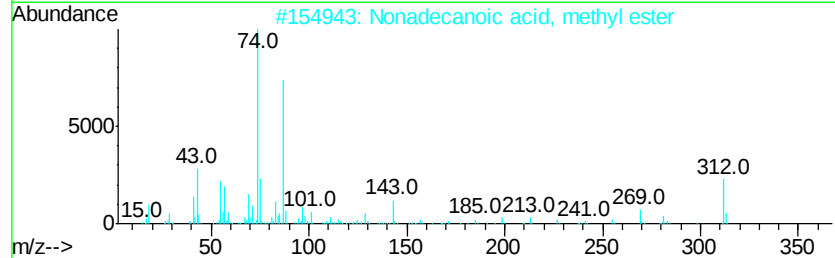
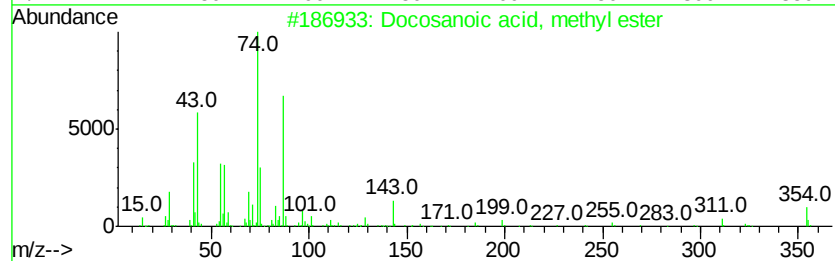
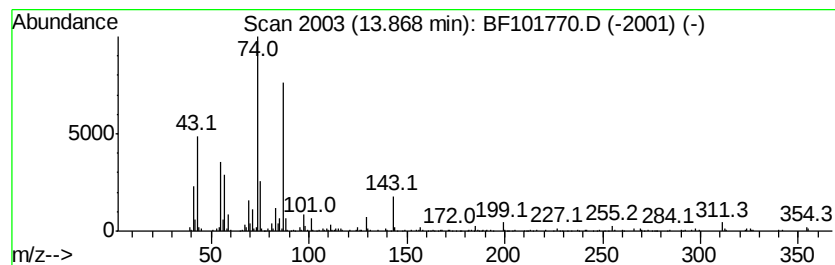
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 17 Docosanoic acid, methyl ester Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.87 | 7.02 ng | 326370 | Chrysene-d12     | 13.97 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Docosanoic acid, methyl ester       | 354 | C23H46O2 | 000929-77-1 | 98   |
| 2    |    | Nonadecanoic acid, methyl ester     | 312 | C20H40O2 | 001731-94-8 | 94   |
| 3    |    | Hexadecanoic acid, 15-methyl-, m... | 284 | C18H36O2 | 006929-04-0 | 87   |
| 4    |    | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 87   |
| 5    |    | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 87   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122717\  
 Data File : BF101770.D  
 Acq On : 27 Dec 2017 18:48  
 Operator : SJ/JU  
 Sample : I6685-11 2X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-05-122617-D

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF121417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc  | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|----------|-------|----------|-----------------------|-------|---------|------|
|                      |       |          |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-hy... | 5.00  | 4.2 ng   |       | 210065   | 1                     | 6.79  | 1005070 | 20.0 |
| unknown6.56          | 6.56  | 37.6 ng  |       | 1890340  | 1                     | 6.79  | 1005070 | 20.0 |
| Hexadecane           | 9.74  | 2.6 ng   |       | 168992   | 3                     | 9.83  | 1318590 | 20.0 |
| Pentadecane          | 10.71 | 4.5 ng   |       | 263642   | 4                     | 11.32 | 1159120 | 20.0 |
| Hexadecanoic acid... | 11.70 | 109.3 ng |       | 6333030  | 4                     | 11.32 | 1159120 | 20.0 |
| Tridecanoic acid     | 11.84 | 6.7 ng   |       | 386850   | 4                     | 11.32 | 1159120 | 20.0 |
| 9,15-Octadecadien... | 12.40 | 265.5 ng |       | 15389100 | 4                     | 11.32 | 1159120 | 20.0 |
| Methyl stearate      | 12.49 | 58.4 ng  |       | 3386300  | 4                     | 11.32 | 1159120 | 20.0 |
| 9,12-Octadecadien... | 12.53 | 3.6 ng   |       | 210874   | 4                     | 11.32 | 1159120 | 20.0 |
| 10-Octadecenoic a... | 13.13 | 6.8 ng   |       | 316616   | 5                     | 13.97 | 929263  | 20.0 |
| Eicosanoic acid, ... | 13.20 | 8.3 ng   |       | 383973   | 5                     | 13.97 | 929263  | 20.0 |
| unknown13.64         | 13.64 | 5.4 ng   |       | 250983   | 5                     | 13.97 | 929263  | 20.0 |
| 3-Eicosene, (E)-     | 13.78 | 4.7 ng   |       | 218080   | 5                     | 13.97 | 929263  | 20.0 |
| Docosanoic acid, ... | 13.87 | 7.0 ng   |       | 326370   | 5                     | 13.97 | 929263  | 20.0 |