

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\  
 Data File : BF106351.D  
 Acq On : 12 Jun 2018 18:16  
 Operator : JU/SJ  
 Sample : J3415-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-34COMP

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:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF061118.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         | 5.207       | 484           | 488         | 494          | rVB      | 242375         | 256842        | 3.21%           | 0.529%        |
| 2         | 5.595       | 550           | 554         | 558          | rBV      | 2797010        | 2781119       | 34.80%          | 5.726%        |
| 3         | 6.595       | 719           | 724         | 727          | rBV      | 2812891        | 2714975       | 33.97%          | 5.590%        |
| 4         | 6.742       | 745           | 749         | 752          | rBV      | 3044827        | 2729346       | 34.15%          | 5.619%        |
| 5         | 6.972       | 785           | 788         | 792          | rBV      | 1109274        | 902593        | 11.29%          | 1.858%        |
| 6         | 7.131       | 811           | 815         | 818          | rBV      | 2575396        | 2157833       | 27.00%          | 4.443%        |
| 7         | 7.531       | 879           | 883         | 886          | rBV      | 1807930        | 1697141       | 21.24%          | 3.494%        |
| 8         | 8.254       | 1002          | 1006        | 1009         | rBV      | 1291060        | 1016787       | 12.72%          | 2.093%        |
| 9         | 9.330       | 1185          | 1189        | 1192         | rVB      | 2866170        | 2489888       | 31.15%          | 5.126%        |
| 10        | 9.719       | 1251          | 1255        | 1258         | rBV      | 484127         | 352455        | 4.41%           | 0.726%        |
| 11        | 10.013      | 1301          | 1305        | 1309         | rBV2     | 1142678        | 957099        | 11.98%          | 1.971%        |
| 12        | 10.801      | 1435          | 1439        | 1443         | rBV      | 1764197        | 1537523       | 19.24%          | 3.165%        |
| 13        | 10.901      | 1453          | 1456        | 1461         | rBV      | 76711          | 84600         | 1.06%           | 0.174%        |
| 14        | 11.507      | 1555          | 1559        | 1561         | rBV      | 1087193        | 988977        | 12.37%          | 2.036%        |
| 15        | 11.807      | 1608          | 1610        | 1613         | rVB      | 126516         | 86954         | 1.09%           | 0.179%        |
| 16        | 11.883      | 1619          | 1623        | 1626         | rBV      | 3595351        | 2997283       | 37.50%          | 6.171%        |
| 17        | 12.577      | 1736          | 1741        | 1743         | rBV      | 5764928        | 7542080       | 94.37%          | 15.528%       |
| 18        | 12.601      | 1743          | 1745        | 1751         | rVV2     | 6292822        | 7992113       | 100.00%         | 16.454%       |
| 19        | 12.677      | 1755          | 1758        | 1761         | rVV      | 2195078        | 1748318       | 21.88%          | 3.599%        |
| 20        | 12.913      | 1795          | 1798        | 1802         | rBV2     | 132076         | 122870        | 1.54%           | 0.253%        |
| 21        | 12.948      | 1802          | 1804        | 1807         | rBV      | 92645          | 85116         | 1.06%           | 0.175%        |
| 22        | 13.089      | 1824          | 1828        | 1831         | rBV      | 3002948        | 2762129       | 34.56%          | 5.687%        |
| 23        | 13.277      | 1852          | 1860        | 1863         | rBV3     | 171484         | 278869        | 3.49%           | 0.574%        |
| 24        | 13.324      | 1863          | 1868        | 1874         | rVB2     | 436937         | 462460        | 5.79%           | 0.952%        |
| 25        | 13.401      | 1875          | 1881        | 1883         | rBV      | 347427         | 304294        | 3.81%           | 0.626%        |
| 26        | 13.513      | 1897          | 1900        | 1905         | rBV2     | 134204         | 154243        | 1.93%           | 0.318%        |
| 27        | 13.836      | 1951          | 1955        | 1961         | rVB2     | 165082         | 252680        | 3.16%           | 0.520%        |
| 28        | 13.977      | 1976          | 1979        | 1983         | rBV      | 361485         | 310465        | 3.88%           | 0.639%        |
| 29        | 14.083      | 1993          | 1997        | 2000         | rBV      | 255221         | 226896        | 2.84%           | 0.467%        |
| 30        | 14.165      | 2006          | 2011        | 2014         | rBV      | 1332327        | 1311272       | 16.41%          | 2.700%        |
| 31        | 14.642      | 2088          | 2092        | 2094         | rBV2     | 76180          | 96250         | 1.20%           | 0.198%        |
| 32        | 14.736      | 2105          | 2108        | 2111         | rBV      | 100750         | 87663         | 1.10%           | 0.180%        |
| 33        | 15.042      | 2158          | 2160        | 2164         | rVB      | 97537          | 100053        | 1.25%           | 0.206%        |
| 34        | 15.718      | 2270          | 2275        | 2282         | rBV      | 794146         | 982187        | 12.29%          | 2.022%        |

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Sample : J3415-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-34COMP

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-BF061118.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

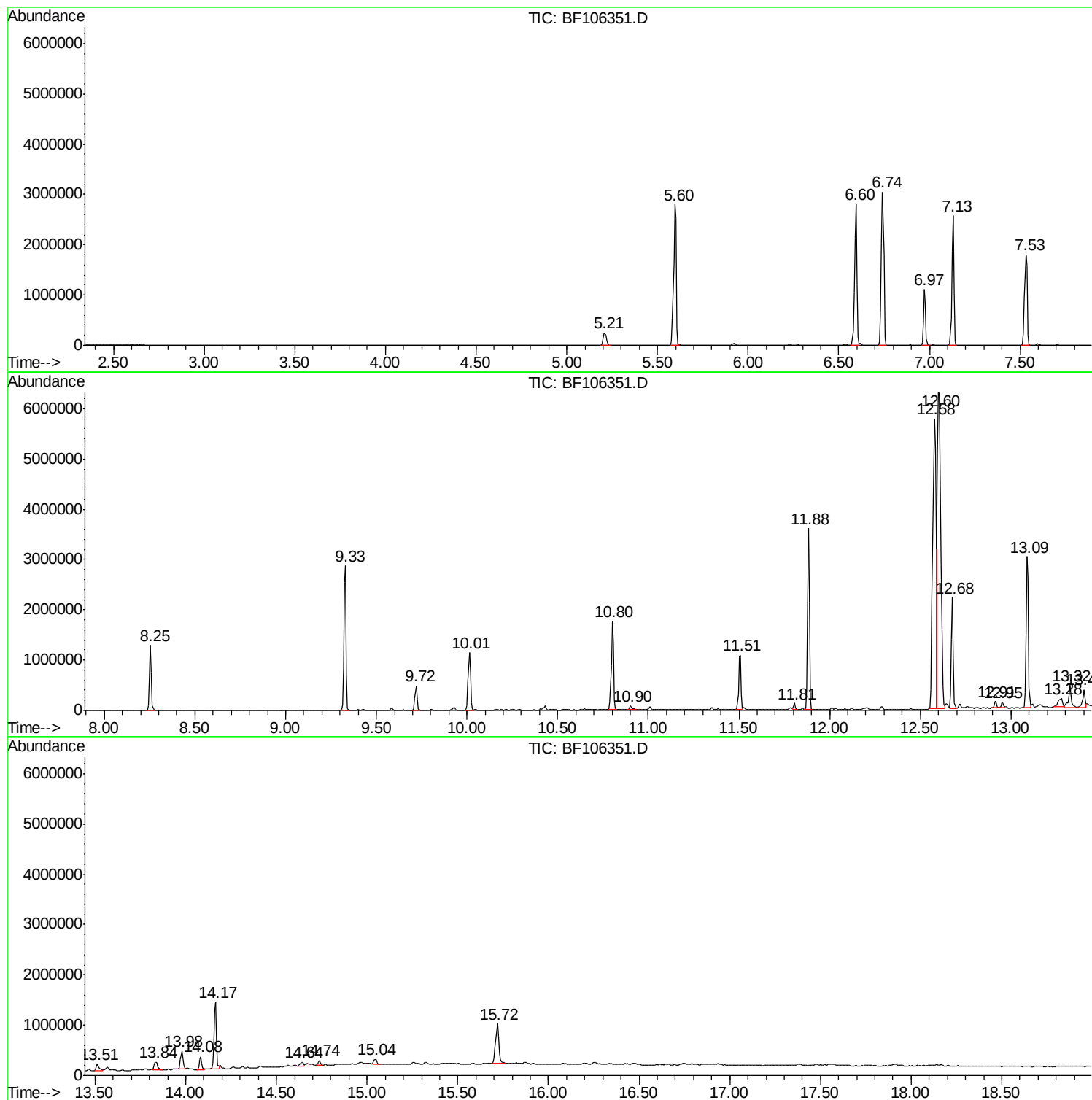
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

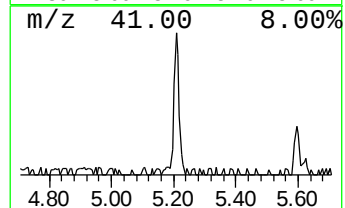
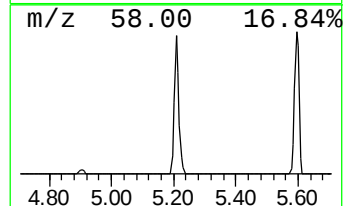
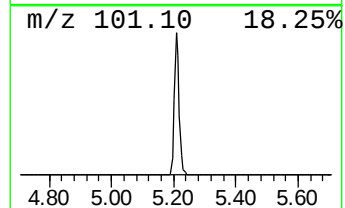
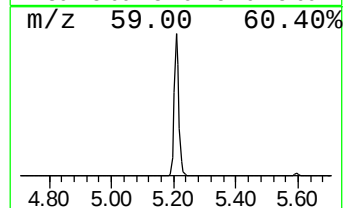
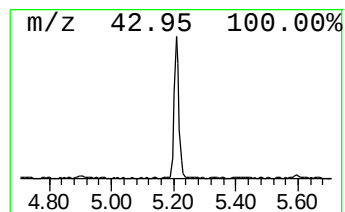
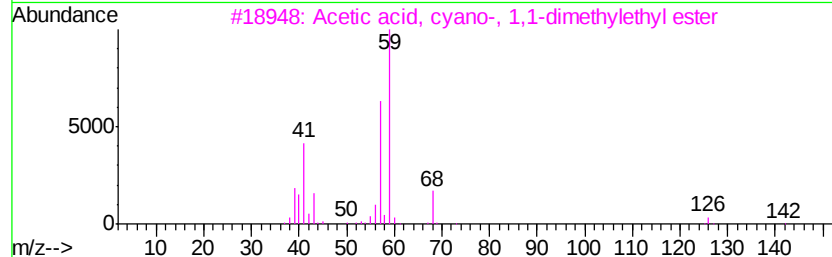
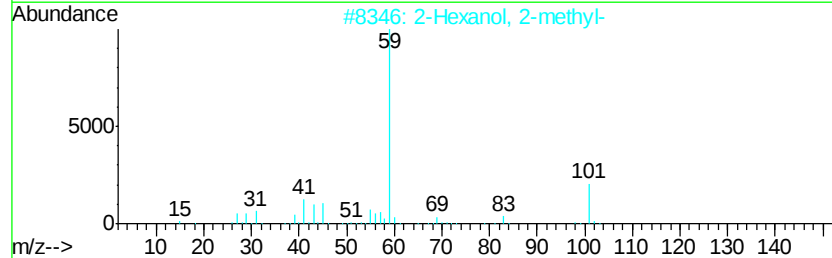
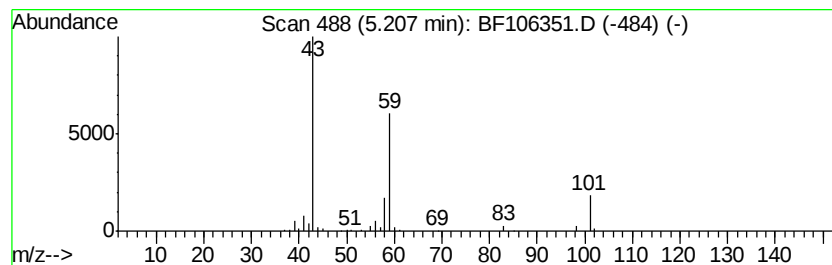
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.21 | 5.69 ng | 256842 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    |   | 2-Hexanol, 2-methyl-                 | 116 | C7H16O   | 000625-23-0 | 28   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 4    |    |   | 1-Propen-2-ol, acetate               | 100 | C5H8O2   | 000108-22-5 | 10   |
| 5    |    |   | Morpholine, 4-methyl-                | 101 | C5H11NO  | 000109-02-4 | 9    |



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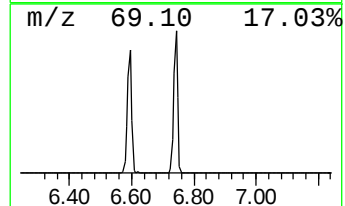
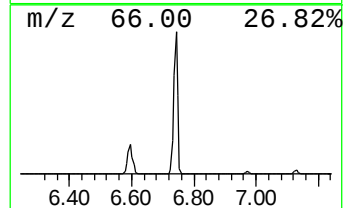
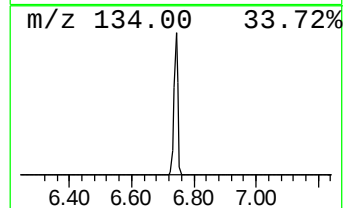
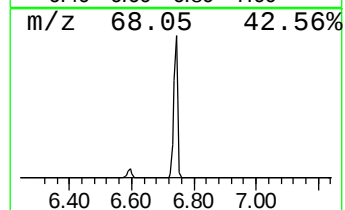
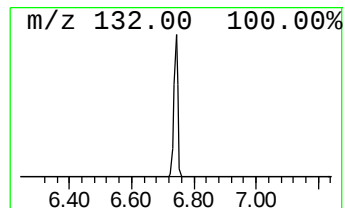
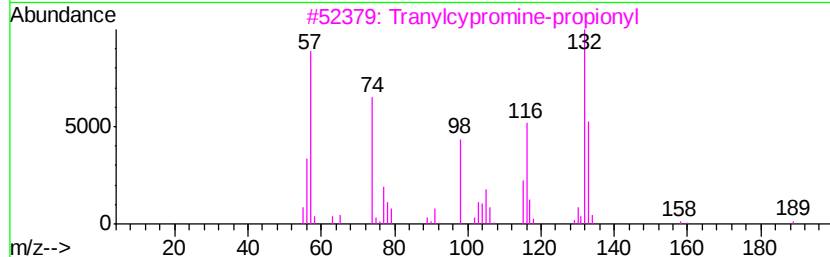
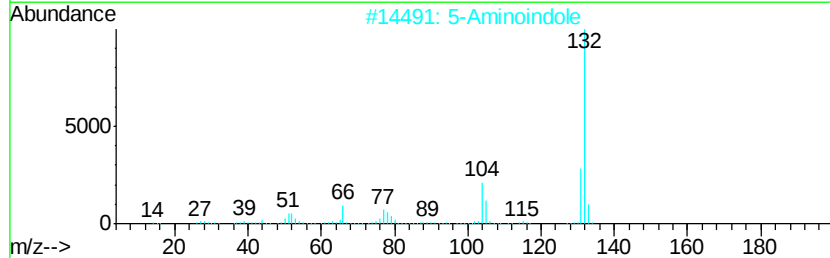
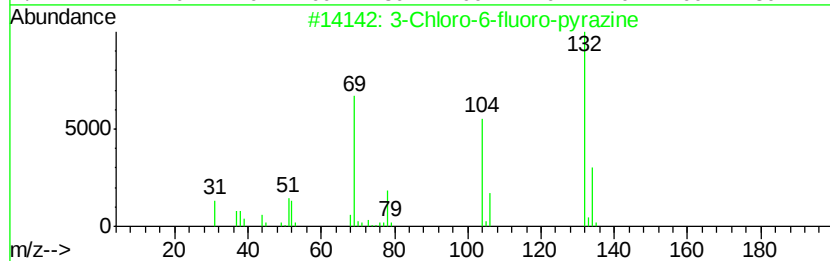
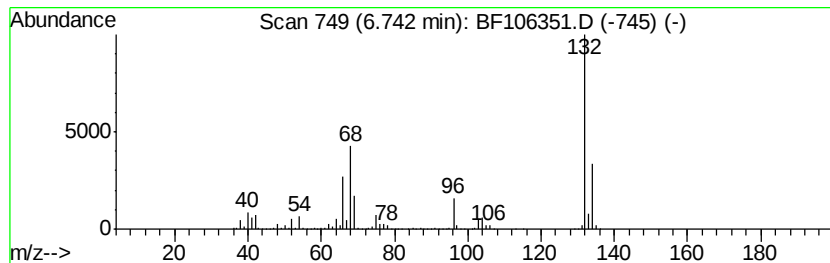
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown6.74 Concentration Rank 4

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.74 | 60.48 ng | 2729350 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    |   | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    |   | Tranvlcyproline-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    |   | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    |   | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |



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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-34COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

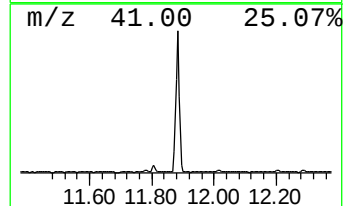
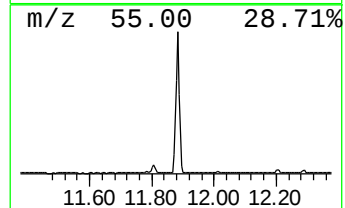
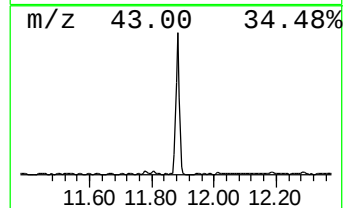
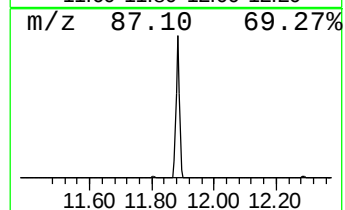
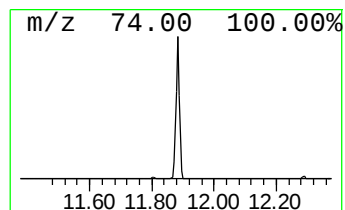
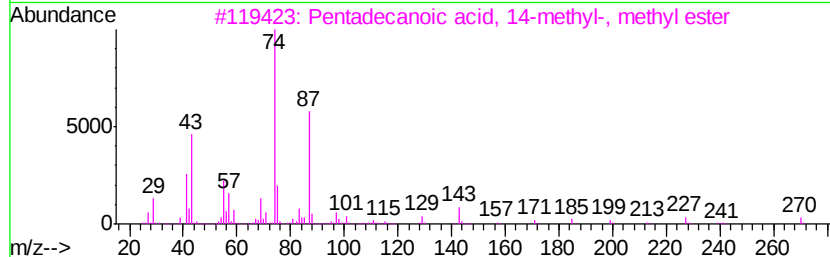
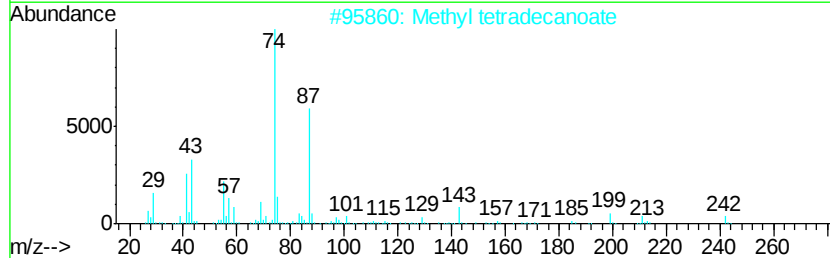
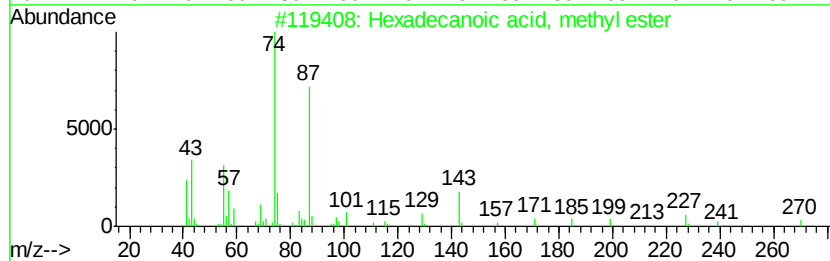
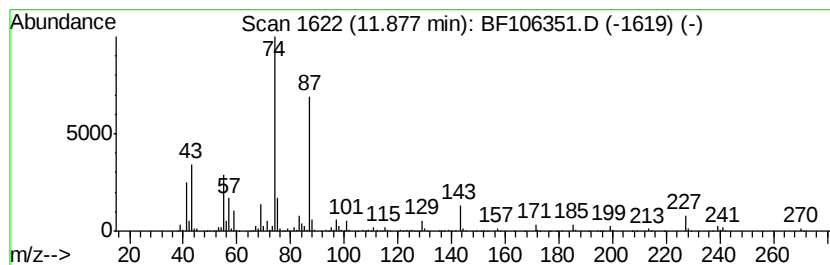
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 11.88 | 60.61 ng | 2997280 | Phenanthrene-d10 | 11.51 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 98   |
| 2    |    | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 94   |
| 3    |    | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 93   |
| 4    |    | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 89   |
| 5    |    | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 86   |



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 Misc :  
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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

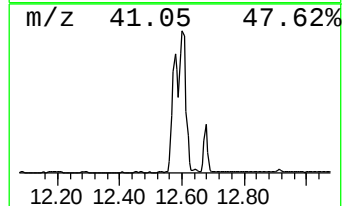
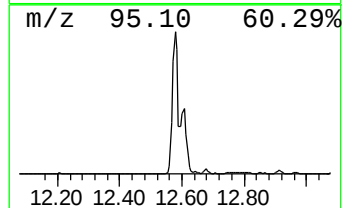
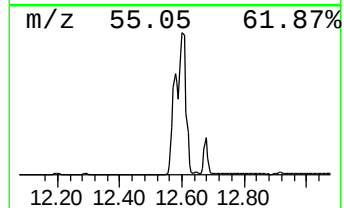
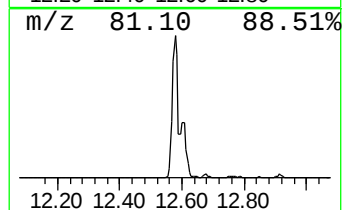
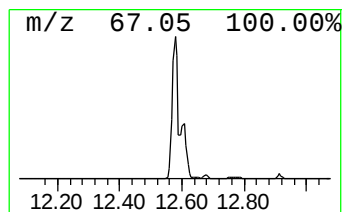
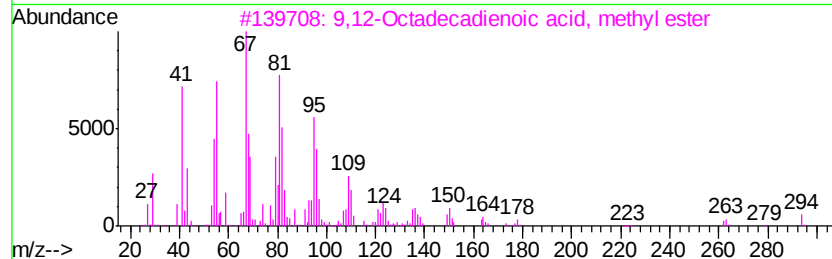
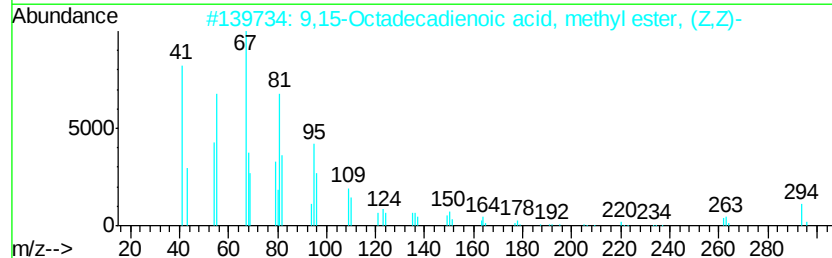
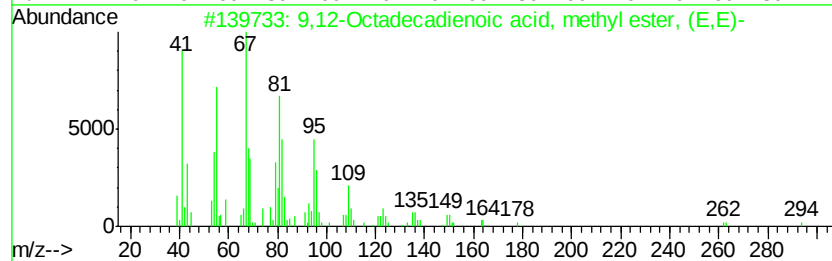
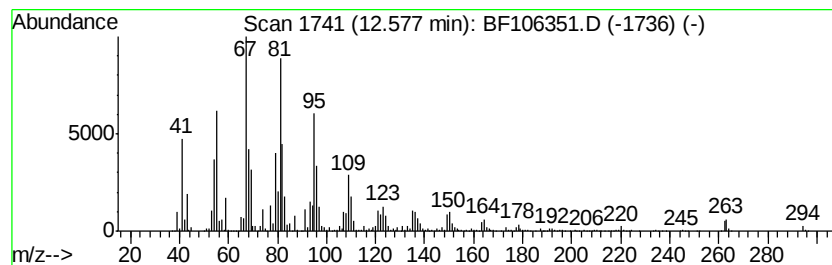
TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
 Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 2

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 12.58 | 152.52 ng | 7542080 | Phenanthrene-d10 | 11.51 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2     | 002566-97-4  | 99      |      |      |
| 2    | 9,15-Octadecadienoic acid, methy... | 294 | C19H34O2     | 017309-05-6  | 99      |      |      |
| 3    | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2     | 002462-85-3  | 99      |      |      |
| 4    | Methyl 10-trans,12-cis-octadecad... | 294 | C19H34O2     | 1000336-44-2 | 98      |      |      |
| 5    | 10,13-Octadecadienoic acid, meth... | 294 | C19H34O2     | 056554-62-2  | 97      |      |      |



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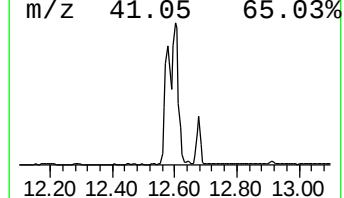
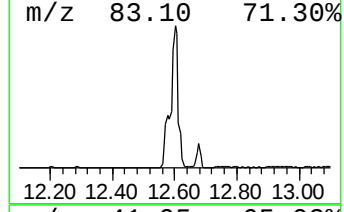
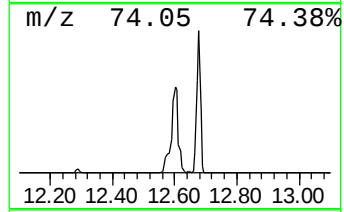
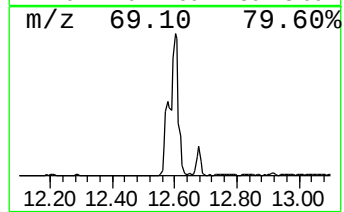
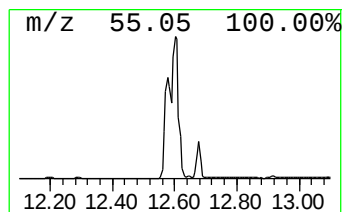
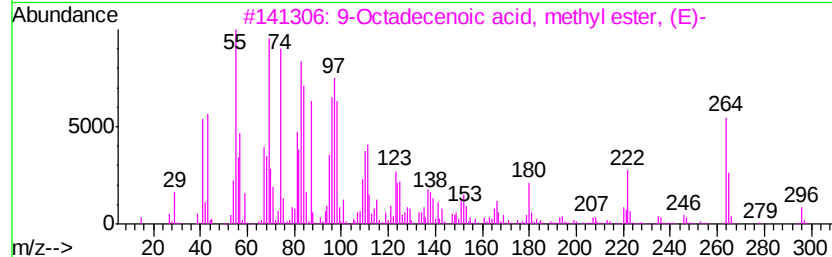
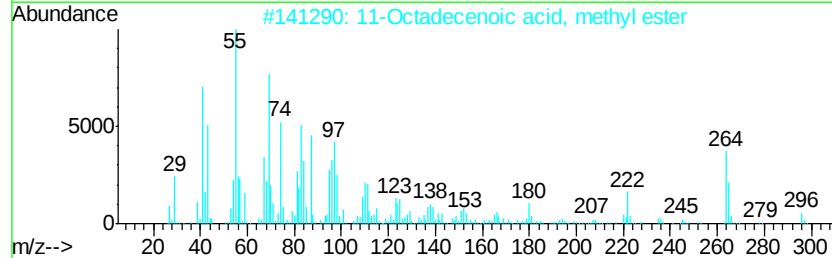
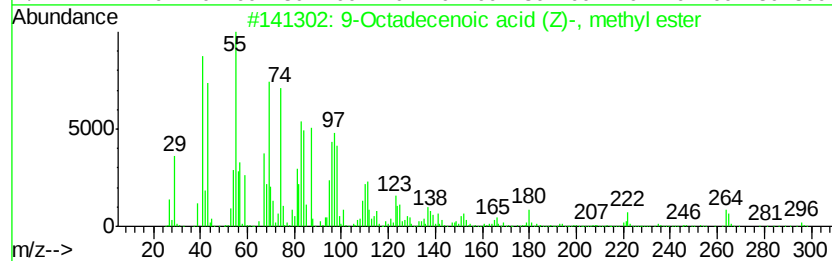
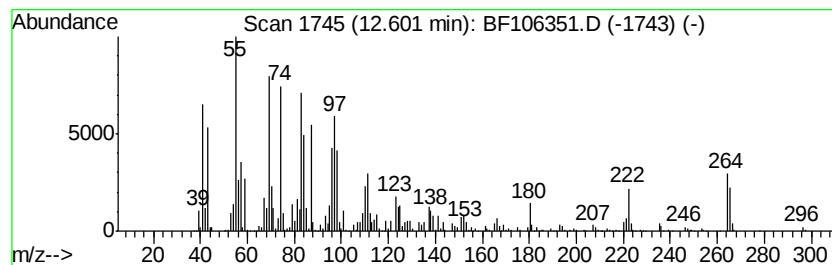
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TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc   | Area    | Relative to ISTD | R.T.  |
|-------|-----------|---------|------------------|-------|
| 12.60 | 161.62 ng | 7992110 | Phenanthrene-d10 | 11.51 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|---------|---|-------------------------------------|-----|----------|-------------|------|
| 1       |   | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 95   |
| 2       |   | 11-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 052380-33-3 | 93   |
| 3       |   | 9-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 001937-62-8 | 91   |
| 4       |   | 14-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-48-4 | 90   |
| 5       |   | 13-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-47-3 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\  
Data File : BF106351.D  
Acq On : 12 Jun 2018 18:16  
Operator : JU/SJ  
Sample : J3415-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-34COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

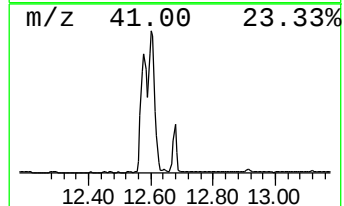
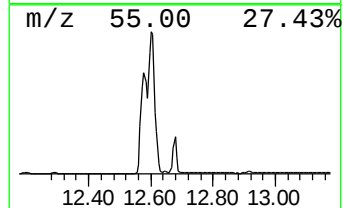
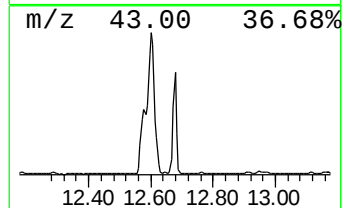
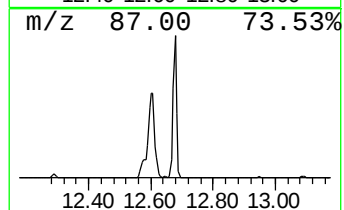
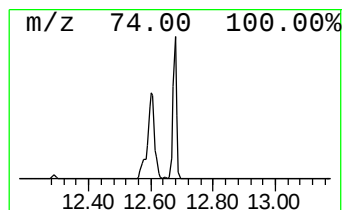
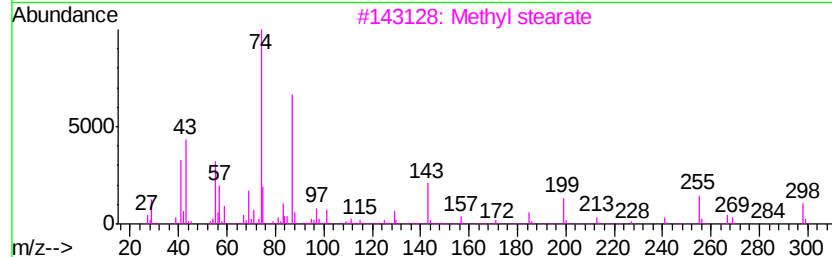
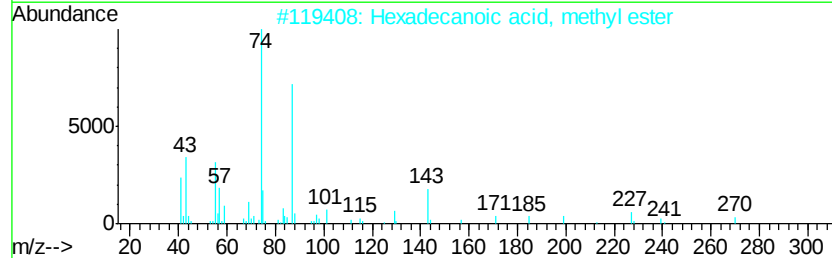
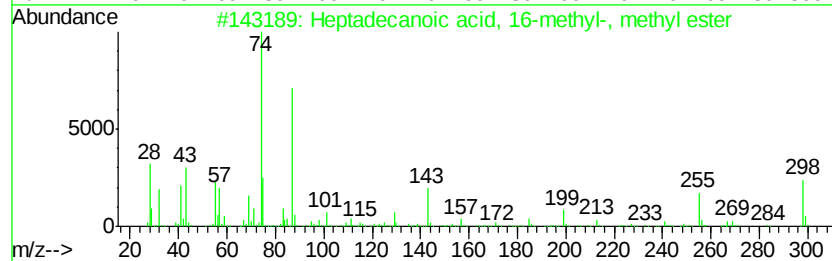
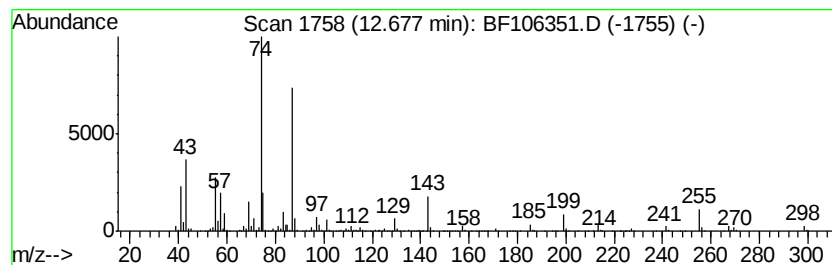
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Heptadecanoic acid, 16-meth... Concentration Rank 6

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 12.68 | 35.36 ng | 1748320 | Phenanthrene-d10 | 11.51 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|---------|---|-------------------------------------|-----|----------|-------------|------|
| 1       |   | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 97   |
| 2       |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 93   |
| 3       |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 91   |
| 4       |   | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 90   |
| 5       |   | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\  
Data File : BF106351.D  
Acq On : 12 Jun 2018 18:16  
Operator : JU/SJ  
Sample : J3415-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-34COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

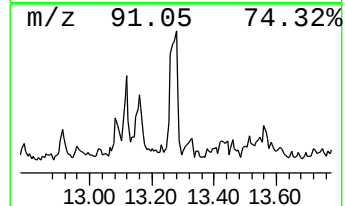
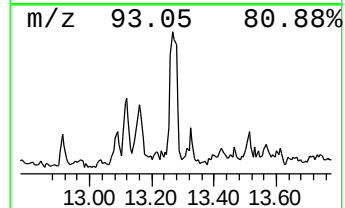
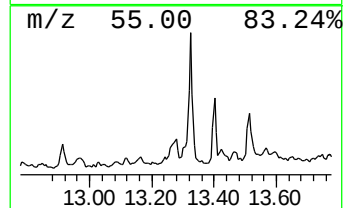
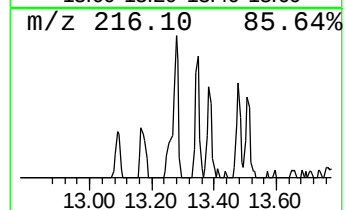
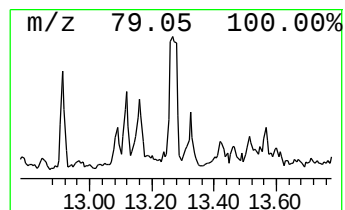
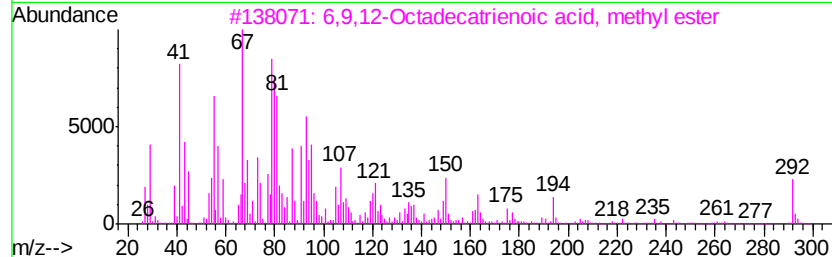
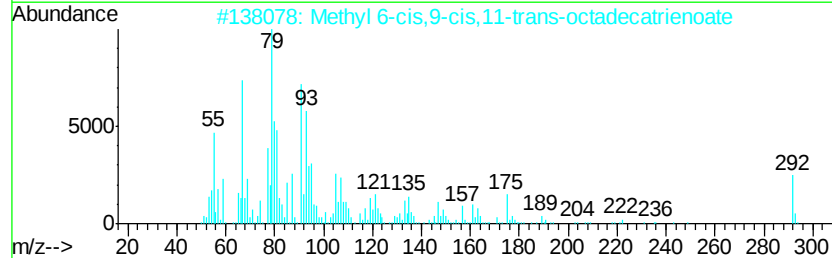
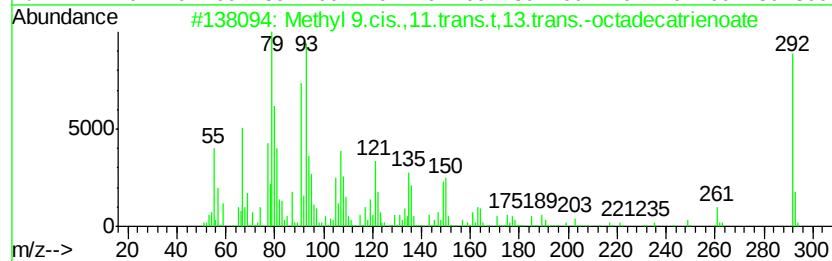
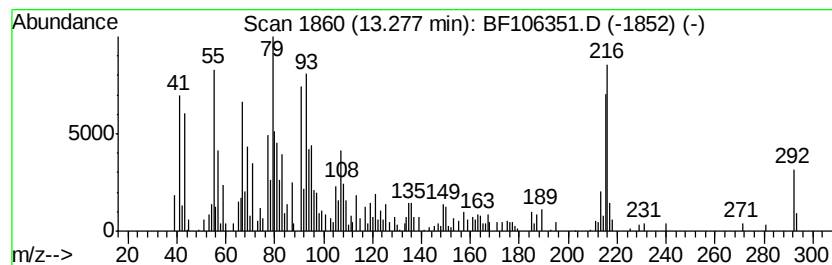
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Methyl 9.cis.,11.trans.t,13... Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.28 | 4.25 ng | 278869 | Chrysene-d12     | 14.17 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Methyl 9.cis.,11.trans.t,13.trans... | 292 | C19H32O2 | 1000336-42-6 | 90   |
| 2    |    |   | Methyl 6-cis,9-cis,11-trans-octa...  | 292 | C19H32O2 | 1000336-37-7 | 64   |
| 3    |    |   | 6,9,12-Octadecatrienoic acid, me...  | 292 | C19H32O2 | 002676-41-7  | 58   |
| 4    |    |   | Cyclopentanone, 2,5-dicyclopentyl... | 216 | C15H20O  | 005682-82-6  | 50   |
| 5    |    |   | Androstane-3,17-diol, (3.alpha.,...  | 292 | C19H32O2 | 001852-53-5  | 42   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\  
 Data File : BF106351.D  
 Acq On : 12 Jun 2018 18:16  
 Operator : JU/SJ  
 Sample : J3415-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-34COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

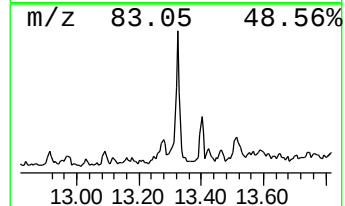
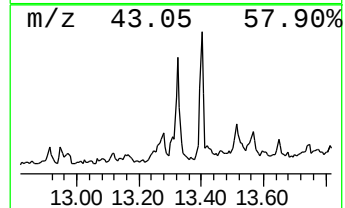
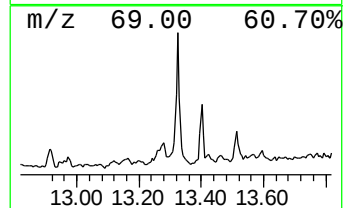
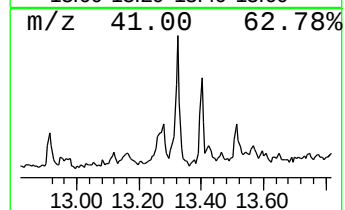
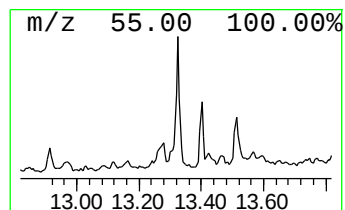
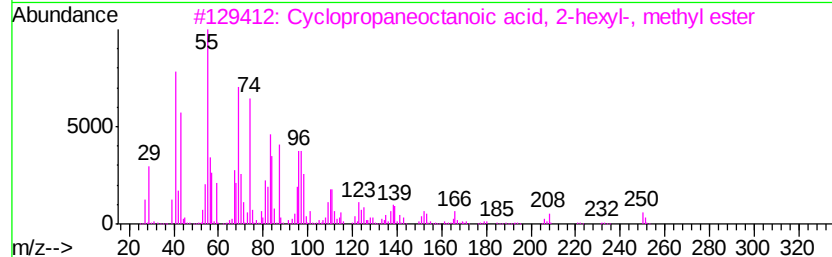
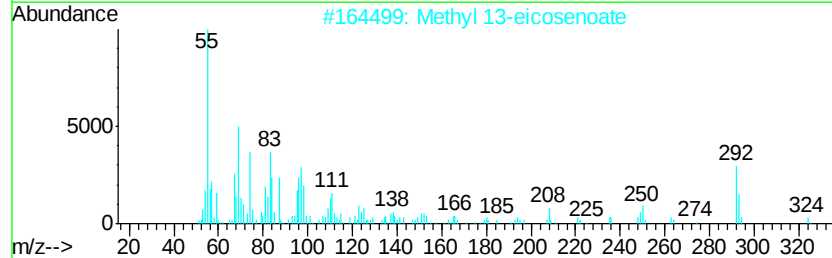
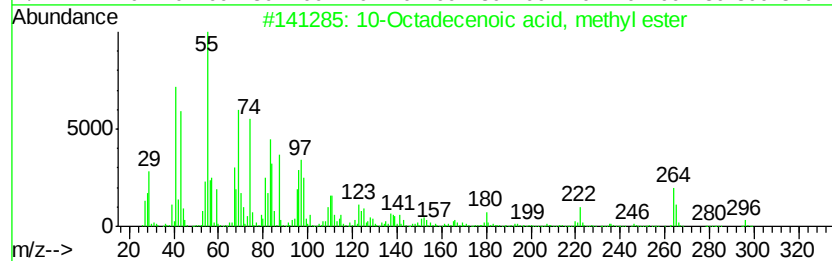
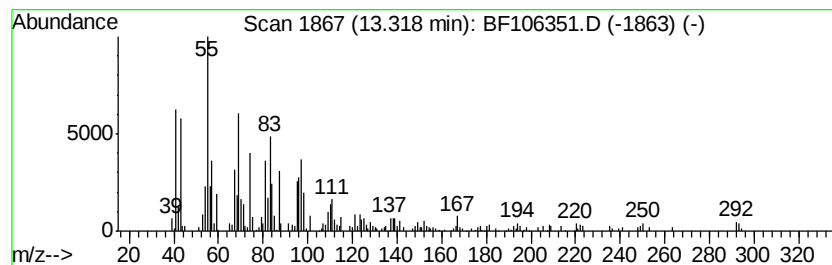
TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
 Peak Number 9 10-Octadecenoic acid, methy... Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.32 | 7.05 ng | 462460 | Chrysene-d12     | 14.17 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 10-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 013481-95-3  | 87   |
| 2    |    |   | Methyl 13-eicosenoate               | 324 | C21H40O2 | 1000336-48-4 | 83   |
| 3    |    |   | Cyclopropaneoctanoic acid, 2-hex... | 282 | C18H34O2 | 010152-61-1  | 81   |
| 4    |    |   | trans-13-Octadecenoic acid, meth... | 296 | C19H36O2 | 1000333-61-3 | 74   |
| 5    |    |   | 6-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 002777-58-4  | 72   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\  
Data File : BF106351.D  
Acq On : 12 Jun 2018 18:16  
Operator : JU/SJ  
Sample : J3415-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-34COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

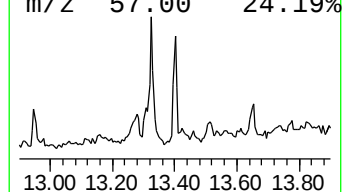
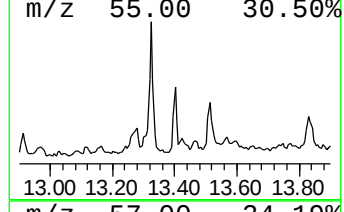
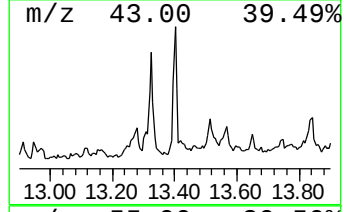
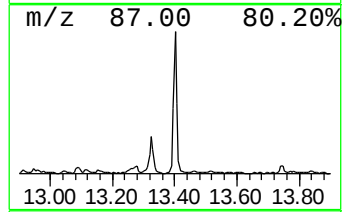
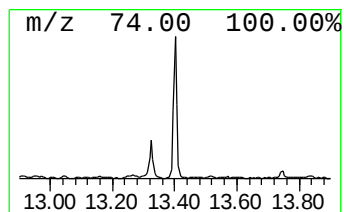
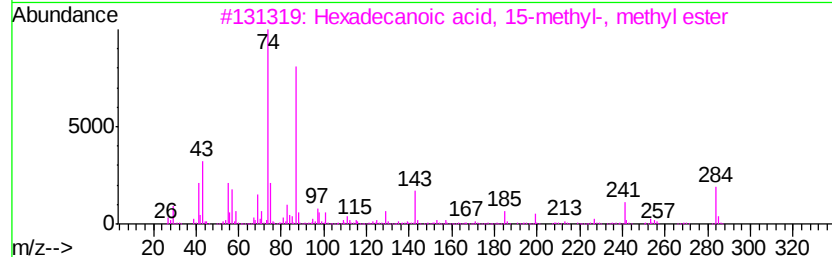
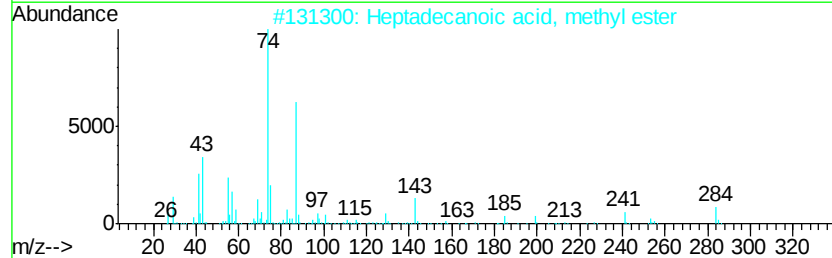
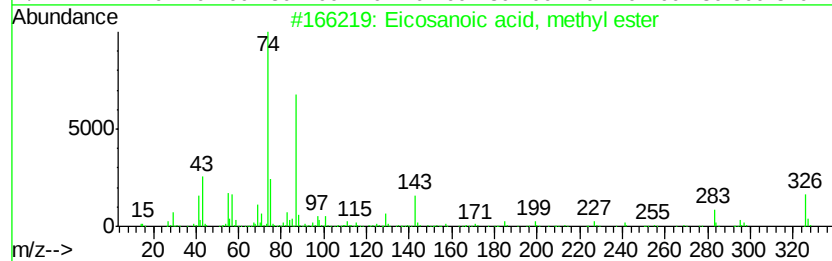
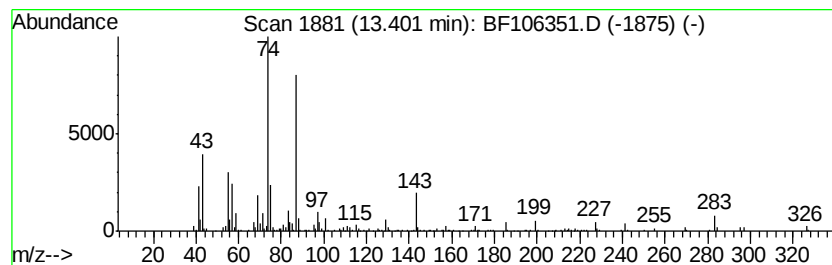
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Eicosanoic acid, methyl ester Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.40 | 4.64 ng | 304294 | Chrysene-d12     | 14.17 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Eicosanoic acid, methyl ester       | 326 | C21H42O2 | 001120-28-1 | 96   |
| 2    |    |   | Heptadecanoic acid, methyl ester    | 284 | C18H36O2 | 001731-92-6 | 95   |
| 3    |    |   | Hexadecanoic acid, 15-methyl-, m... | 284 | C18H36O2 | 006929-04-0 | 93   |
| 4    |    |   | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 91   |
| 5    |    |   | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\  
Data File : BF106351.D  
Acq On : 12 Jun 2018 18:16  
Operator : JU/SJ  
Sample : J3415-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-34COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

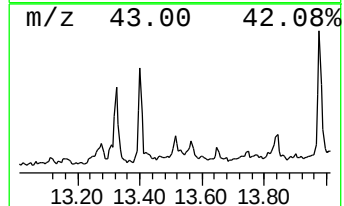
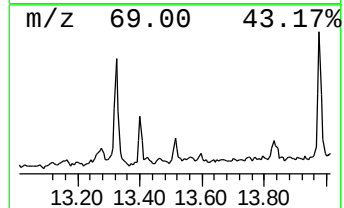
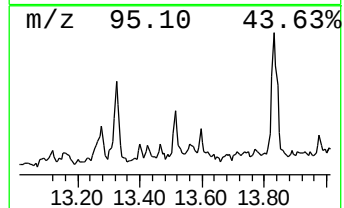
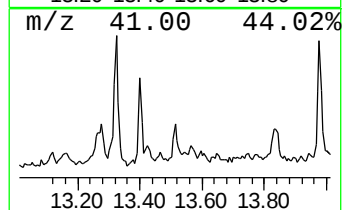
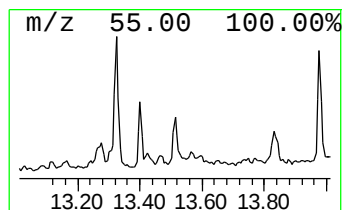
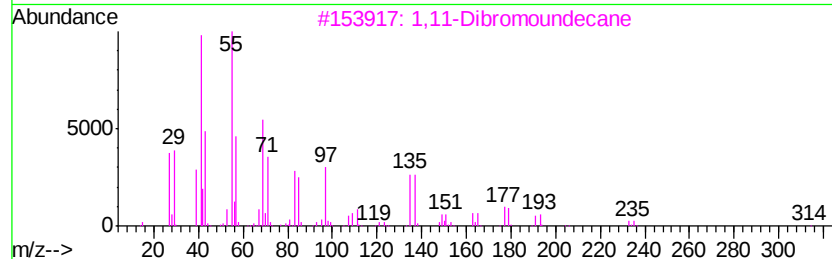
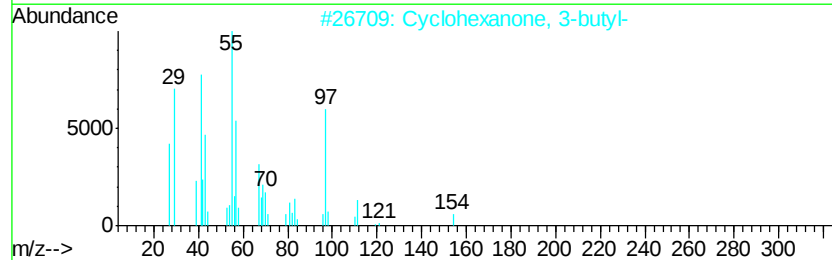
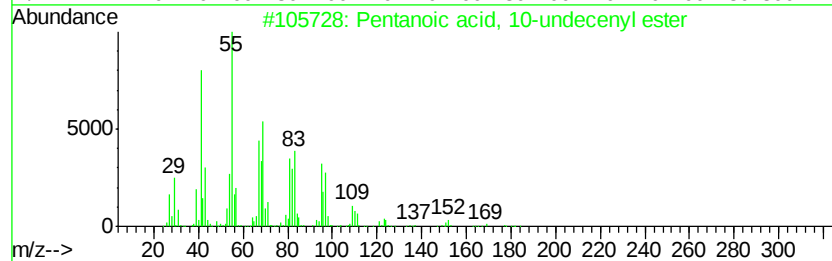
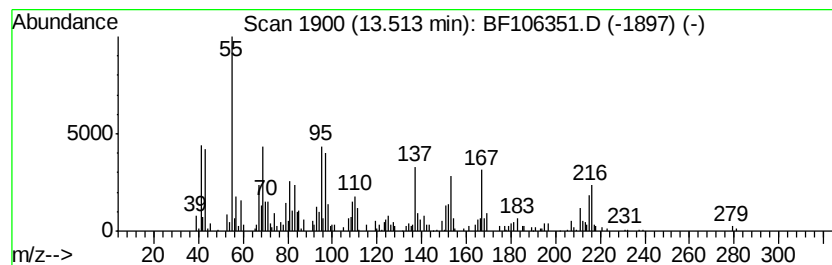
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 unknown13.51 Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.51 | 2.35 ng | 154243 | Chrysene-d12     | 14.17 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Pentanoic acid, 10-undecenyl ester  | 254 | C16H30O2  | 1000159-93-4 | 27   |
| 2    |    | Cyclohexanone, 3-butyl-             | 154 | C10H18O   | 039178-69-3  | 11   |
| 3    |    | 1,11-Dibromoundecane                | 312 | C11H22Br2 | 016696-65-4  | 10   |
| 4    |    | 1,7-Dimethyl-4-(1-methylethyl)cy... | 210 | C15H30    | 000645-10-3  | 10   |
| 5    |    | 1,5-Heptadiene, 2-methyl-, (E)-     | 110 | C8H14     | 041044-63-7  | 10   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\  
Data File : BF106351.D  
Acq On : 12 Jun 2018 18:16  
Operator : JU/SJ  
Sample : J3415-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-34COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

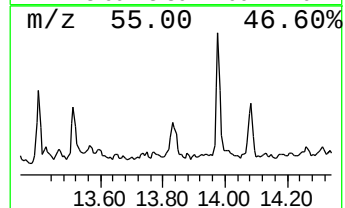
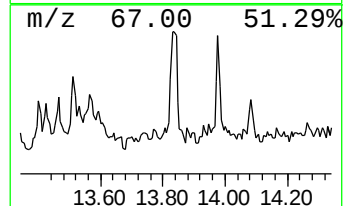
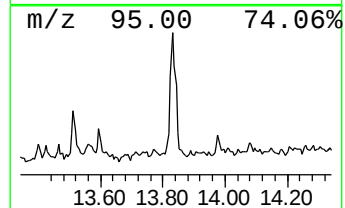
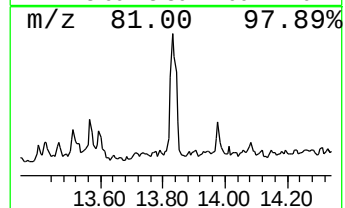
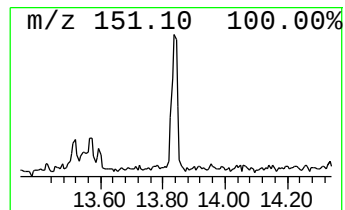
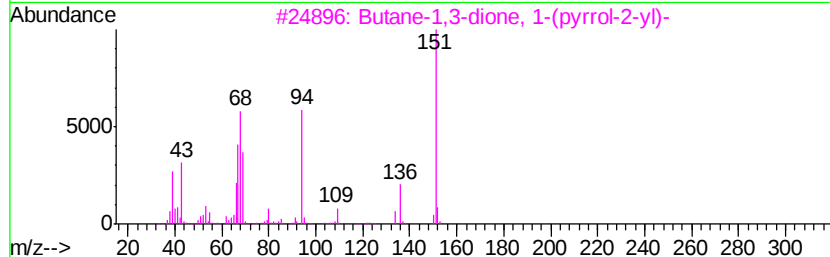
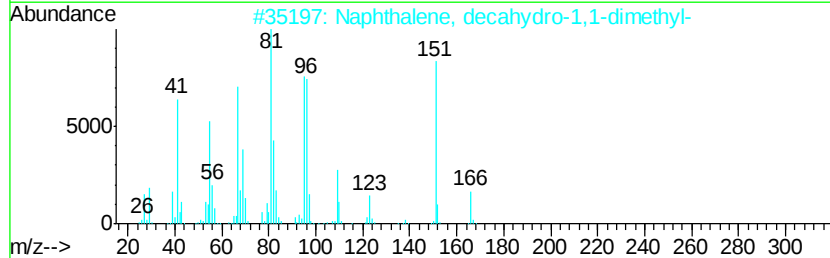
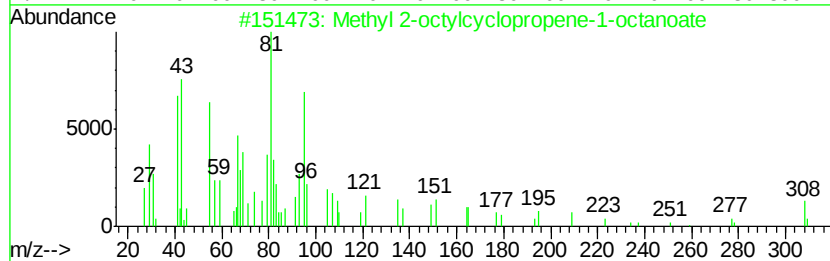
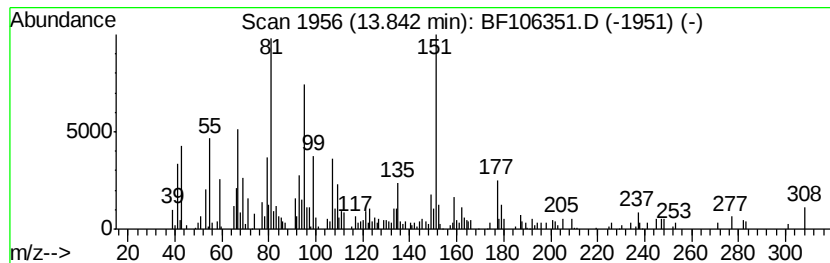
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 unknown13.84 Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.84 | 3.85 ng | 252680 | Chrysene-d12     | 14.17 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methyl 2-octylcyclopropene-1-oct... | 308 | C20H36O2 | 003220-60-8 | 43   |
| 2    |    |   | Naphthalene, decahydro-1,1-dimet... | 166 | C12H22   | 035431-04-0 | 42   |
| 3    |    |   | Butane-1,3-dione, 1-(pyrrol-2-yl)-  | 151 | C8H9NO2  | 022441-25-4 | 38   |
| 4    |    |   | Naphthalene, decahydro-2,2-dimet... | 166 | C12H22   | 031124-85-3 | 35   |
| 5    |    |   | Bicyclo[2.2.1]heptane, 2-(2-meth... | 150 | C11H18   | 061142-27-6 | 30   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\  
Data File : BF106351.D  
Acq On : 12 Jun 2018 18:16  
Operator : JU/SJ  
Sample : J3415-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-34COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

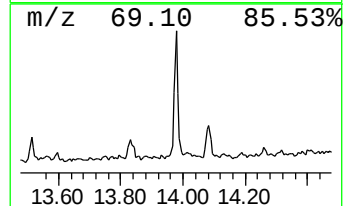
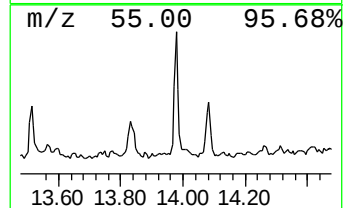
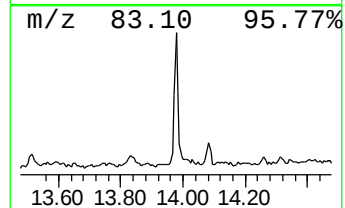
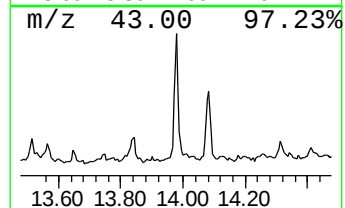
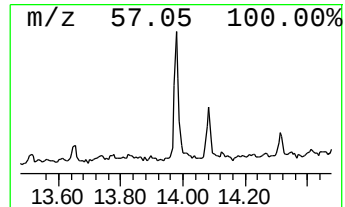
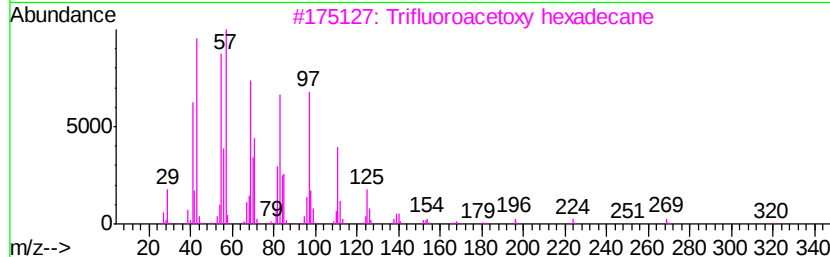
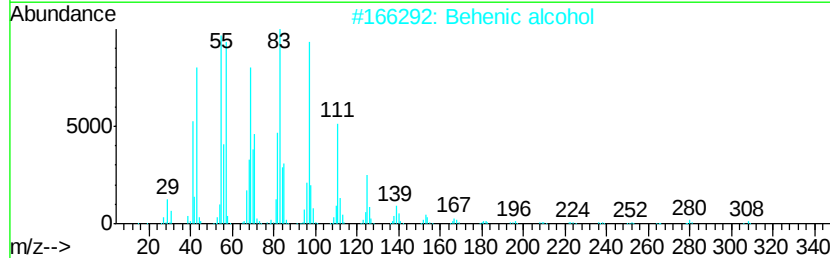
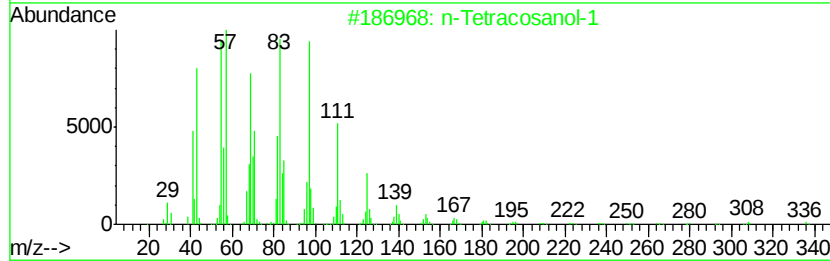
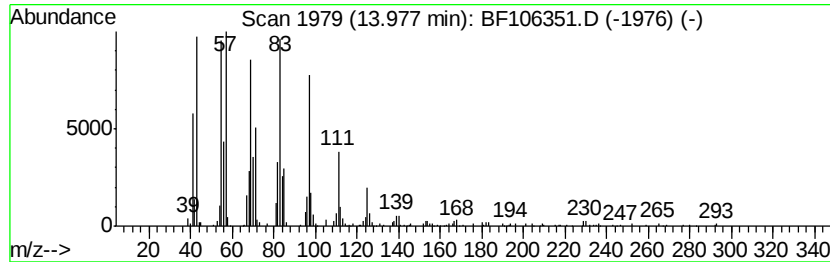
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 n-Tetracosanol-1 Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.98 | 4.74 ng | 310465 | Chrysene-d12     | 14.17 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | n-Tetracosanol-1                    | 354 | C24H50O    | 000506-51-4 | 94   |
| 2    |    |   | Behenic alcohol                     | 326 | C22H46O    | 000661-19-8 | 94   |
| 3    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2 | 006222-03-3 | 93   |
| 4    |    |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 91   |
| 5    |    |   | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\  
Data File : BF106351.D  
Acq On : 12 Jun 2018 18:16  
Operator : JU/SJ  
Sample : J3415-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-34COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

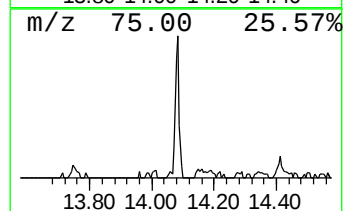
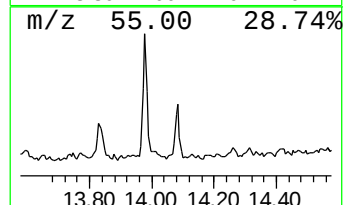
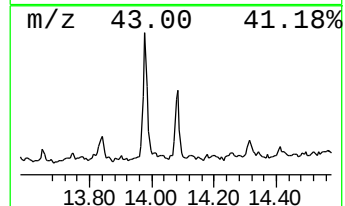
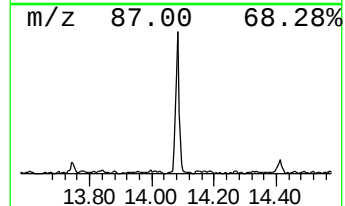
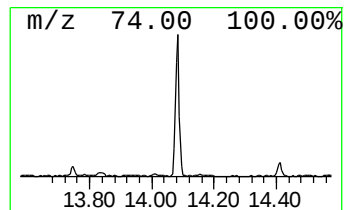
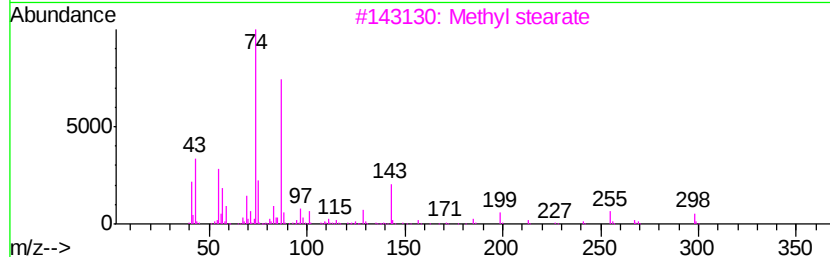
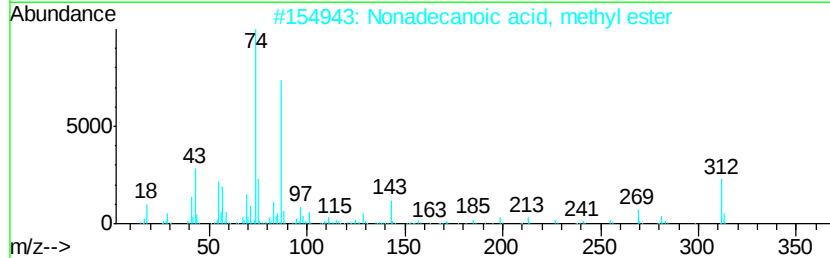
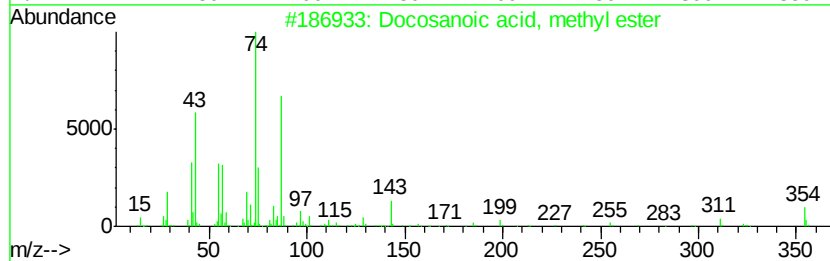
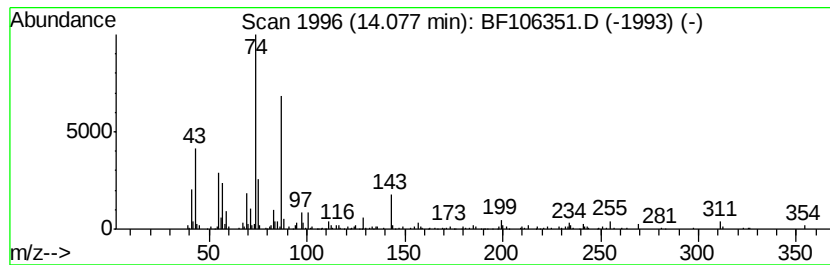
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Docosanoic acid, methyl ester Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.08 | 3.46 ng | 226896 | Chrysene-d12     | 14.17 |

| 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 | 96   |
| 3    |    | Methyl stearate                     | 298 | C19H38O2 | 000112-61-8 | 87   |
| 4    |    | Hexadecanoic acid, 15-methyl-, m... | 284 | C18H36O2 | 006929-04-0 | 87   |
| 5    |    | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\  
Data File : BF106351.D  
Acq On : 12 Jun 2018 18:16  
Operator : JU/SJ  
Sample : J3415-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-34COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

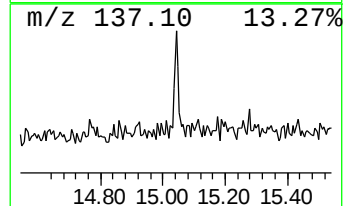
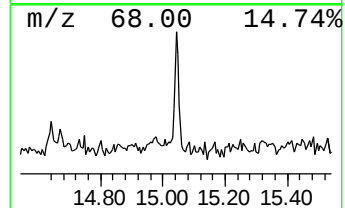
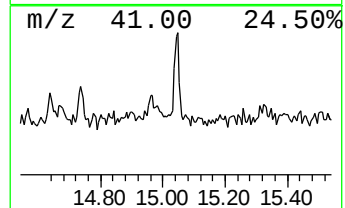
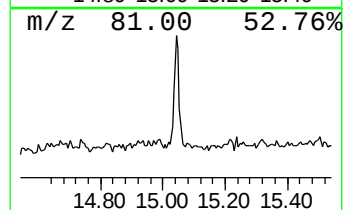
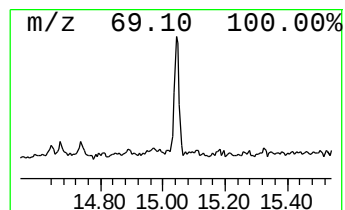
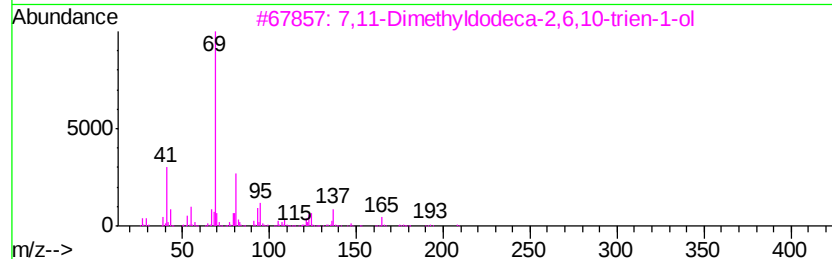
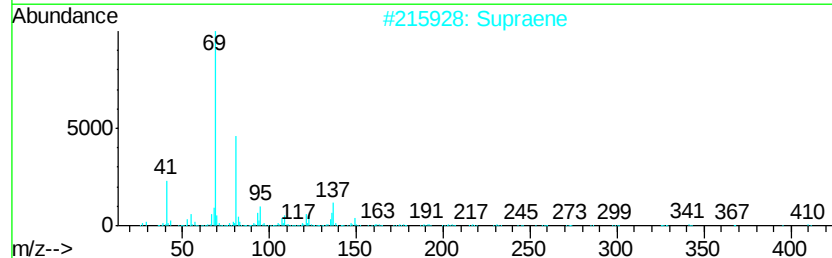
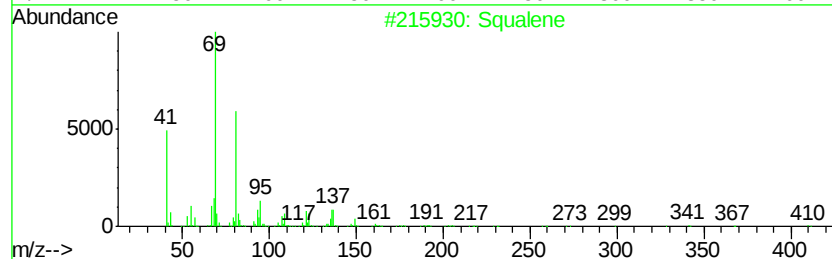
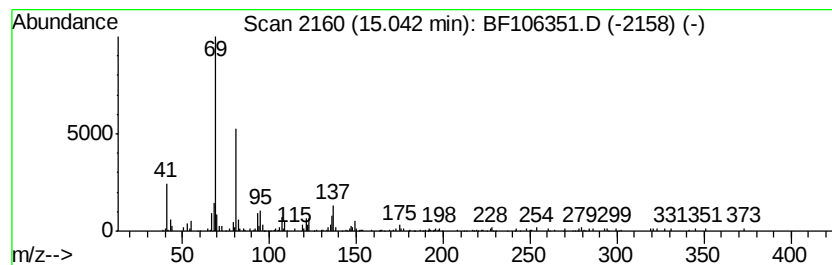
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Squalene Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 15.04 | 2.04 ng | 100053 | Perylene-d12     | 15.72 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Squalene                            | 410 | C30H50  | 000111-02-4 | 83   |
| 2    |    | Supraene                            | 410 | C30H50  | 007683-64-9 | 83   |
| 3    |    | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 83   |
| 4    |    | 4,8,12-Tetradecatrienal, 5,9,13-... | 248 | C17H28O | 066408-55-7 | 72   |
| 5    |    | 1,5-Heptadiene, 3,3,6-trimethyl-    | 138 | C10H18  | 035387-63-4 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF061218\  
 Data File : BF106351.D  
 Acq On : 12 Jun 2018 18:16  
 Operator : JU/SJ  
 Sample : J3415-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-34COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF061118.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... | 5.21  | 5.7 ng   |       | 256842   | 1                     | 6.97  | 902593  | 20.0 |
| unknown6.74          | 6.74  | 60.5 ng  |       | 2729350  | 1                     | 6.97  | 902593  | 20.0 |
| Hexadecanoic acid... | 11.88 | 60.6 ng  |       | 2997280  | 4                     | 11.51 | 988977  | 20.0 |
| 9,12-Octadecadien... | 12.58 | 152.5 ng |       | 7542080  | 4                     | 11.51 | 988977  | 20.0 |
| 9-Octadecenoic ac... | 12.60 | 161.6 ng |       | 7992110  | 4                     | 11.51 | 988977  | 20.0 |
| Heptadecanoic aci... | 12.68 | 35.4 ng  |       | 1748320  | 4                     | 11.51 | 988977  | 20.0 |
| Methyl 9.cis.,11...  | 13.28 | 4.3 ng   |       | 278869   | 5                     | 14.17 | 1311270 | 20.0 |
| 10-Octadecenoic a... | 13.32 | 7.0 ng   |       | 462460   | 5                     | 14.17 | 1311270 | 20.0 |
| Eicosanoic acid, ... | 13.40 | 4.6 ng   |       | 304294   | 5                     | 14.17 | 1311270 | 20.0 |
| unknown13.51         | 13.51 | 2.4 ng   |       | 154243   | 5                     | 14.17 | 1311270 | 20.0 |
| unknown13.84         | 13.84 | 3.9 ng   |       | 252680   | 5                     | 14.17 | 1311270 | 20.0 |
| n-Tetracosanol-1     | 13.98 | 4.7 ng   |       | 310465   | 5                     | 14.17 | 1311270 | 20.0 |
| Docosanoic acid, ... | 14.08 | 3.5 ng   |       | 226896   | 5                     | 14.17 | 1311270 | 20.0 |
| Squalene             | 15.04 | 2.0 ng   |       | 100053   | 6                     | 15.72 | 982187  | 20.0 |