

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF060719\  
 Data File : BF114920.D  
 Acq On : 8 Jun 2019 4:57  
 Operator : HP/JU  
 Sample : K3160-01 2X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-02-060619-A

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-BF060419.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         | 3.587       | 248           | 255         | 263          | rBV      | 211879         | 336891        | 6.85%           | 0.620%        |
| 2         | 5.269       | 537           | 541         | 545          | rBV      | 3223345        | 3165558       | 64.32%          | 5.830%        |
| 3         | 6.304       | 713           | 717         | 720          | rBV      | 3510472        | 3238531       | 65.81%          | 5.965%        |
| 4         | 6.434       | 735           | 739         | 742          | rBV      | 3921703        | 3447298       | 70.05%          | 6.349%        |
| 5         | 6.663       | 774           | 778         | 781          | rBV      | 2369786        | 1885778       | 38.32%          | 3.473%        |
| 6         | 6.816       | 801           | 804         | 808          | rBV      | 3168837        | 2780105       | 56.49%          | 5.120%        |
| 7         | 7.222       | 865           | 873         | 876          | rBV      | 2408933        | 1999484       | 40.63%          | 3.683%        |
| 8         | 7.945       | 992           | 996         | 999          | rBV      | 2644684        | 2381438       | 48.39%          | 4.386%        |
| 9         | 8.239       | 1042          | 1046        | 1050         | rVB5     | 50348          | 71500         | 1.45%           | 0.132%        |
| 10        | 8.392       | 1068          | 1072        | 1074         | rBV3     | 61372          | 90594         | 1.84%           | 0.167%        |
| 11        | 8.551       | 1094          | 1099        | 1101         | rBV4     | 58849          | 74691         | 1.52%           | 0.138%        |
| 12        | 8.651       | 1112          | 1116        | 1120         | rVB4     | 50954          | 82252         | 1.67%           | 0.151%        |
| 13        | 8.981       | 1169          | 1172        | 1174         | rBV3     | 69795          | 61659         | 1.25%           | 0.114%        |
| 14        | 9.016       | 1174          | 1178        | 1181         | rBV      | 4475836        | 3611789       | 73.39%          | 6.652%        |
| 15        | 9.110       | 1190          | 1194        | 1198         | rVB3     | 87537          | 96876         | 1.97%           | 0.178%        |
| 16        | 9.286       | 1219          | 1224        | 1229         | rBV8     | 47484          | 96216         | 1.96%           | 0.177%        |
| 17        | 9.410       | 1242          | 1245        | 1248         | rBV      | 342808         | 304536        | 6.19%           | 0.561%        |
| 18        | 9.545       | 1265          | 1268        | 1272         | rBV      | 132054         | 165930        | 3.37%           | 0.306%        |
| 19        | 9.692       | 1288          | 1293        | 1297         | rBV      | 2432184        | 2313739       | 47.01%          | 4.261%        |
| 20        | 9.963       | 1336          | 1339        | 1343         | rVB4     | 80353          | 75333         | 1.53%           | 0.139%        |
| 21        | 10.010      | 1343          | 1347        | 1349         | rBV3     | 56530          | 73727         | 1.50%           | 0.136%        |
| 22        | 10.133      | 1366          | 1368        | 1371         | rBV      | 97774          | 79641         | 1.62%           | 0.147%        |
| 23        | 10.357      | 1403          | 1406        | 1409         | rVB2     | 108609         | 99719         | 2.03%           | 0.184%        |
| 24        | 10.469      | 1422          | 1425        | 1430         | rBV      | 2040232        | 1800647       | 36.59%          | 3.316%        |
| 25        | 10.610      | 1445          | 1449        | 1450         | rBV2     | 172227         | 189336        | 3.85%           | 0.349%        |
| 26        | 10.928      | 1501          | 1503        | 1508         | rVB5     | 62395          | 61502         | 1.25%           | 0.113%        |
| 27        | 11.051      | 1521          | 1524        | 1527         | rBV2     | 196011         | 171411        | 3.48%           | 0.316%        |
| 28        | 11.086      | 1527          | 1530        | 1535         | rVB      | 179123         | 181330        | 3.68%           | 0.334%        |
| 29        | 11.163      | 1539          | 1543        | 1546         | rBV      | 2451476        | 2091828       | 42.51%          | 3.853%        |
| 30        | 11.186      | 1546          | 1547        | 1550         | rVV      | 257762         | 145976        | 2.97%           | 0.269%        |
| 31        | 11.233      | 1553          | 1555        | 1559         | rVB      | 121018         | 117052        | 2.38%           | 0.216%        |
| 32        | 11.480      | 1594          | 1597        | 1599         | rBV      | 174402         | 173357        | 3.52%           | 0.319%        |
| 33        | 11.575      | 1610          | 1613        | 1617         | rVB      | 1341163        | 1050065       | 21.34%          | 1.934%        |
| 34        | 11.663      | 1626          | 1628        | 1630         | rBV      | 91485          | 76018         | 1.54%           | 0.140%        |

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Sample : K3160-01 2X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-060619-A

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-BF060419.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 11.710 | 1630 | 1636 | 1639 | rBV2 | 614581  | 632006  | 12.84%  | 1.164% |
| 36 | 11.769 | 1644 | 1646 | 1649 | rBV  | 171630  | 182588  | 3.71%   | 0.336% |
| 37 | 11.880 | 1663 | 1665 | 1670 | rVB2 | 196015  | 194297  | 3.95%   | 0.358% |
| 38 | 12.210 | 1719 | 1721 | 1724 | rBV  | 132547  | 120121  | 2.44%   | 0.221% |
| 39 | 12.257 | 1725 | 1729 | 1731 | rVV  | 3954180 | 3979768 | 80.87%  | 7.330% |
| 40 | 12.280 | 1731 | 1733 | 1739 | rVB  | 5874053 | 4921284 | 100.00% | 9.064% |
| 41 | 12.363 | 1744 | 1747 | 1750 | rBV  | 1639593 | 1562180 | 31.74%  | 2.877% |
| 42 | 12.398 | 1750 | 1753 | 1754 | rVV  | 463030  | 502045  | 10.20%  | 0.925% |
| 43 | 12.416 | 1754 | 1756 | 1762 | rVV  | 1317815 | 1417031 | 28.79%  | 2.610% |
| 44 | 12.492 | 1766 | 1769 | 1774 | rVV4 | 193354  | 226882  | 4.61%   | 0.418% |
| 45 | 12.592 | 1781 | 1786 | 1789 | rBV  | 1035466 | 1026559 | 20.86%  | 1.891% |
| 46 | 12.639 | 1792 | 1794 | 1796 | rVB2 | 160095  | 119636  | 2.43%   | 0.220% |
| 47 | 12.745 | 1808 | 1812 | 1815 | rBV  | 3359132 | 2912135 | 59.17%  | 5.363% |
| 48 | 12.922 | 1840 | 1842 | 1846 | rVB  | 258093  | 209752  | 4.26%   | 0.386% |
| 49 | 12.992 | 1851 | 1854 | 1858 | rBV3 | 328823  | 400739  | 8.14%   | 0.738% |
| 50 | 13.786 | 1985 | 1989 | 1991 | rBV2 | 1769027 | 1968644 | 40.00%  | 3.626% |
| 51 | 13.810 | 1991 | 1993 | 1996 | rVB  | 470150  | 369933  | 7.52%   | 0.681% |
| 52 | 15.168 | 2221 | 2224 | 2228 | rBV  | 932426  | 959328  | 19.49%  | 1.767% |

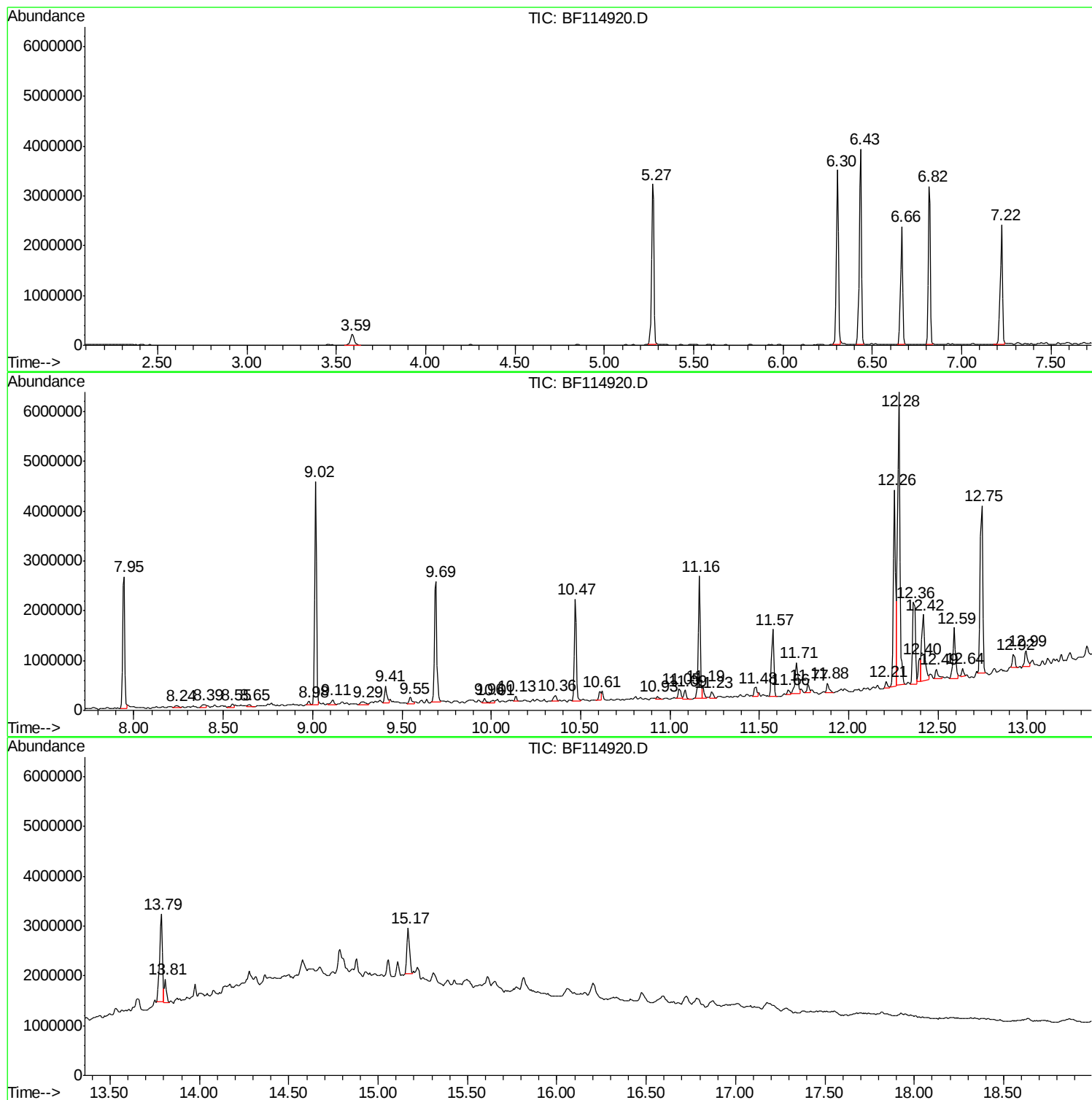
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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\  
Data File : BF114920.D  
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Sample : K3160-01 2X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-060619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\  
Data File : BF114920.D  
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Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-060619-A

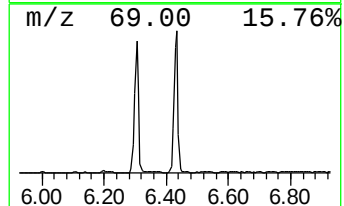
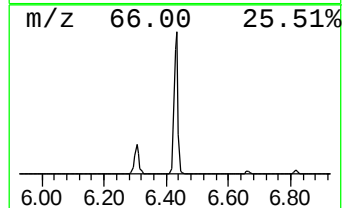
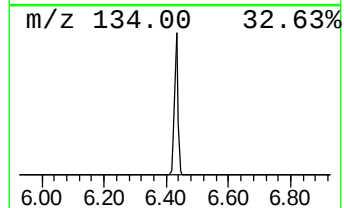
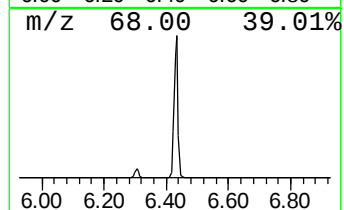
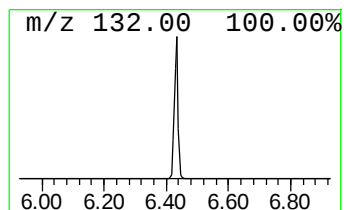
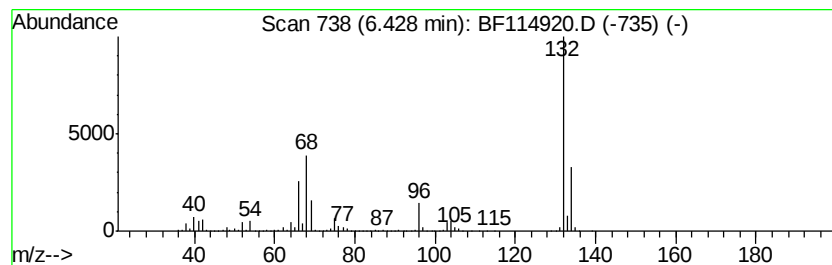
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown6.43 Concentration Rank 3

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.43 | 36.56 ng | 3447300 | 1,4-Dichlorobenzene-d4 | 6.66 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 38   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 25   |
| 3    |    | Tranvlcypropine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 16   |
| 4    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 5    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |



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Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

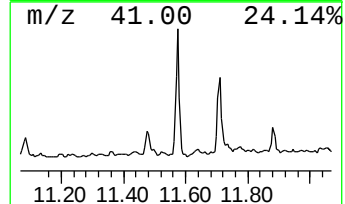
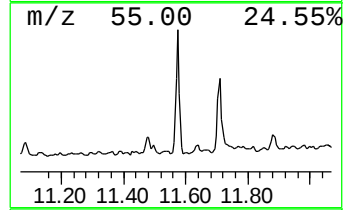
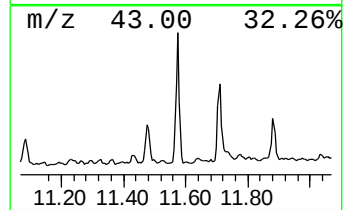
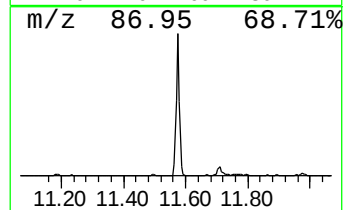
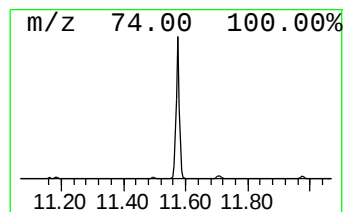
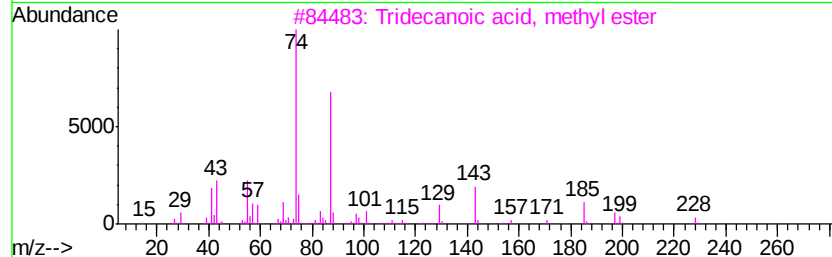
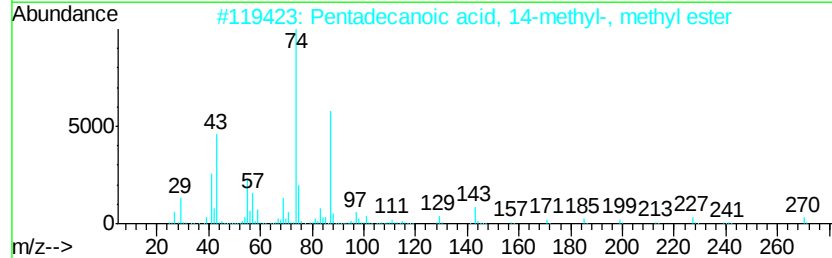
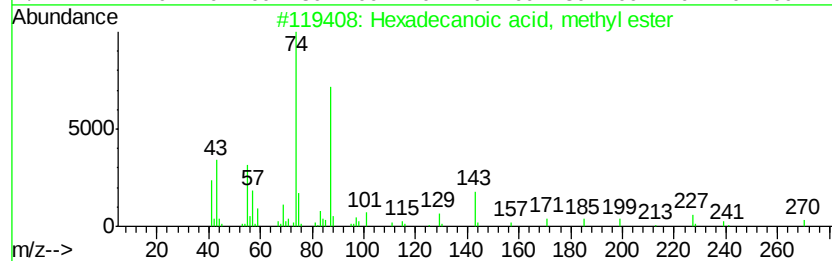
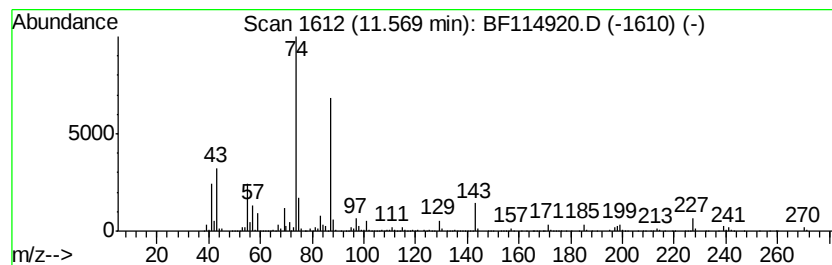
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 5

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 11.57 | 10.04 ng | 1050070 | Phenanthrene-d10 | 11.16 |

| 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 | 93   |
| 3    |    | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 80   |
| 4    |    | Pentadecanoic acid, methyl ester    | 256 | C16H32O2 | 007132-64-1 | 80   |
| 5    |    | Dodecanoic acid, methyl ester       | 214 | C13H26O2 | 000111-82-0 | 72   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

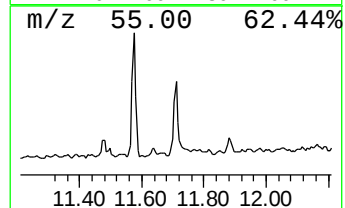
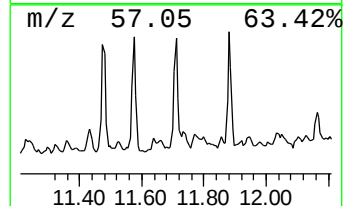
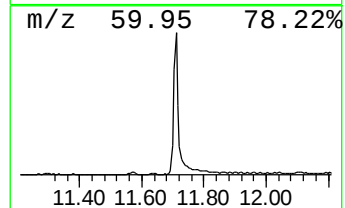
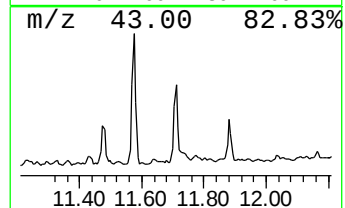
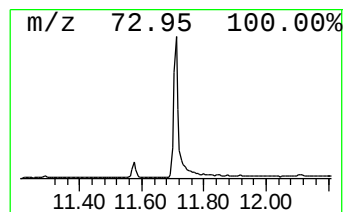
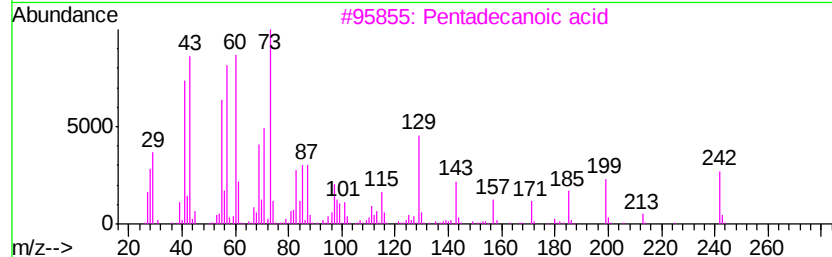
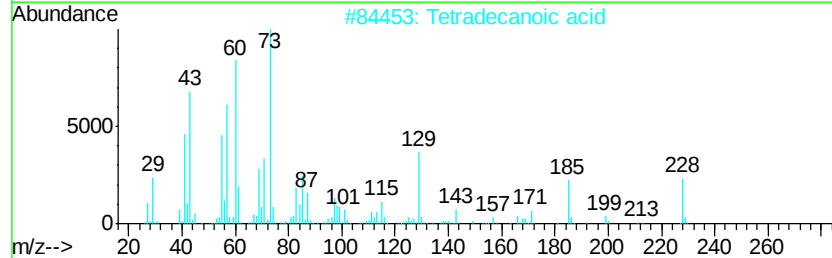
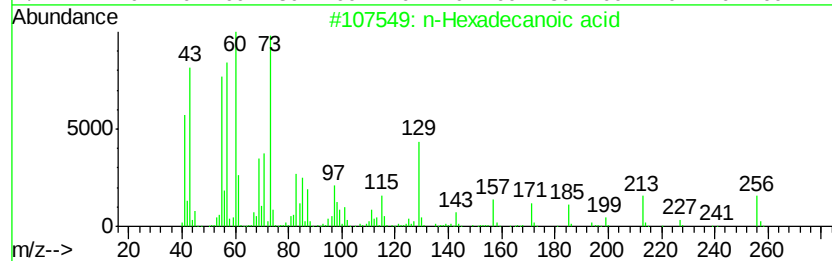
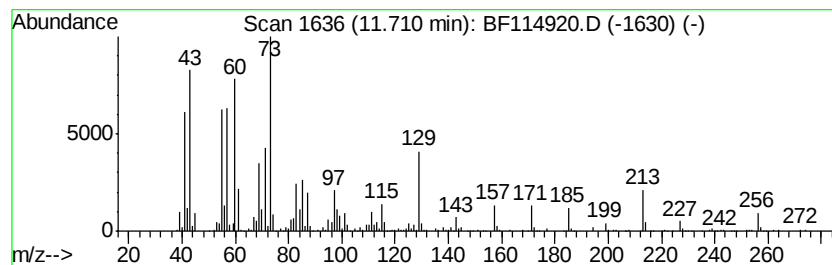
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.71 | 6.04 ng | 632006 | Phenanthrene-d10 | 11.16 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 83   |
| 3    |    | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |
| 4    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 81   |
| 5    |    | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 76   |



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Instrument :  
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EO-02-060619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

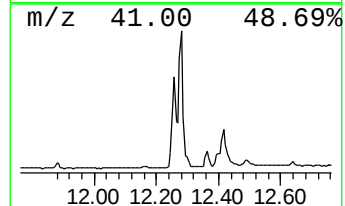
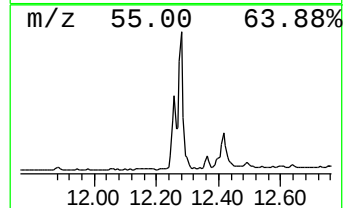
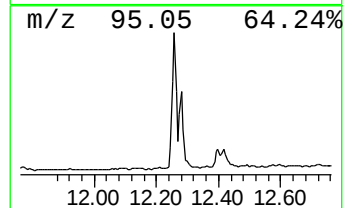
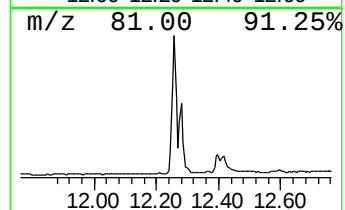
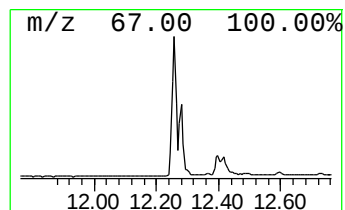
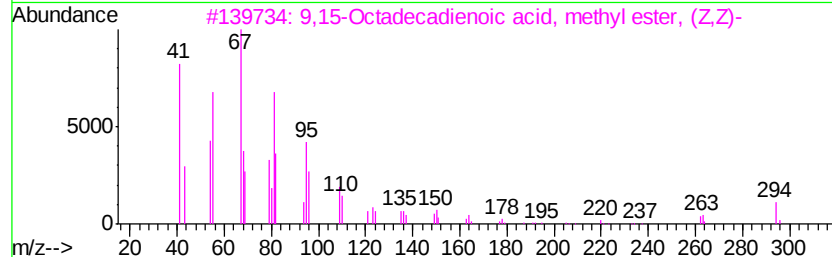
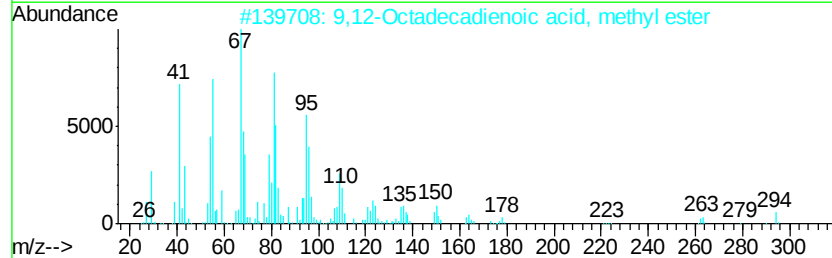
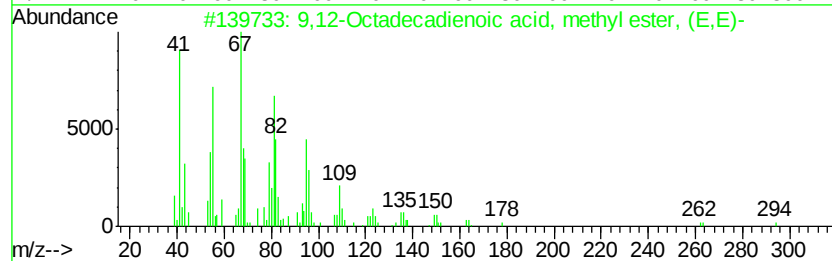
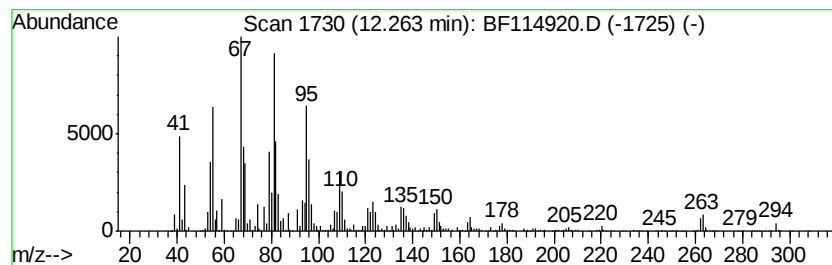
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 12.26 | 38.05 ng | 3979770 | Phenanthrene-d10 | 11.16 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2     | 002566-97-4 | 99      |      |      |
| 2    | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2     | 002462-85-3 | 99      |      |      |
| 3    | 9,15-Octadecadienoic acid, methy... | 294 | C19H34O2     | 017309-05-6 | 99      |      |      |
| 4    | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2     | 000112-63-0 | 99      |      |      |
| 5    | 10,13-Octadecadienoic acid, meth... | 294 | C19H34O2     | 056554-62-2 | 99      |      |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\  
Data File : BF114920.D  
Acq On : 8 Jun 2019 4:57  
Operator : HP/JU  
Sample : K3160-01 2X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-060619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

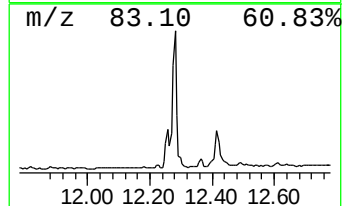
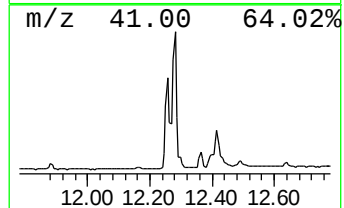
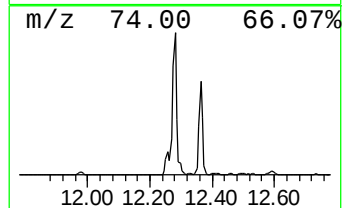
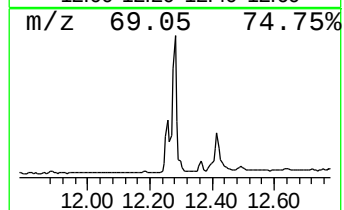
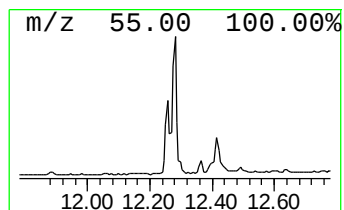
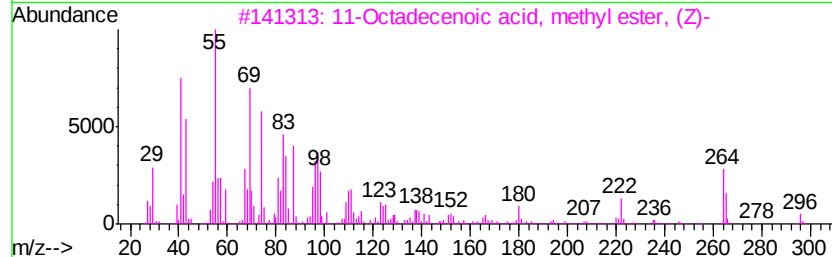
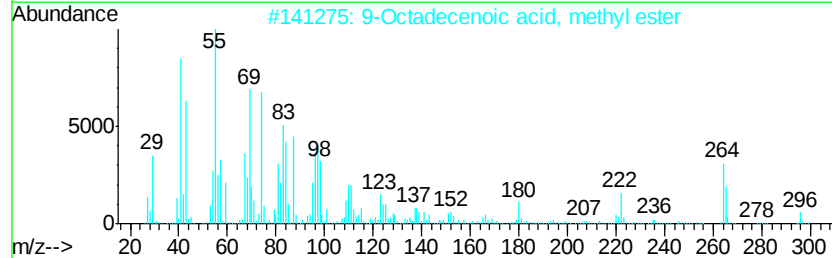
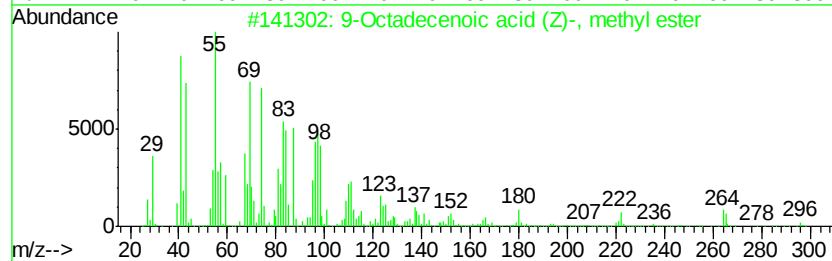
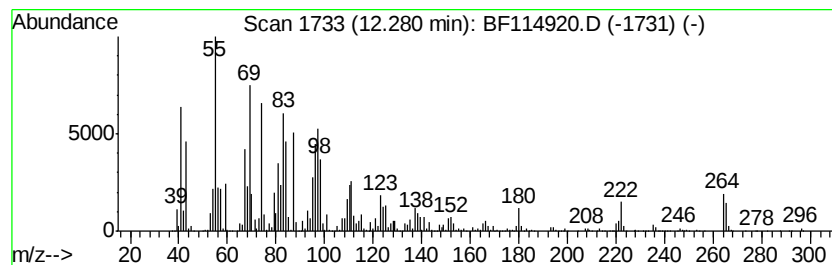
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 12.28 | 47.05 ng | 4921280 | Phenanthrene-d10 | 11.16 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 99   |
| 2    |    | 9-Octadecenoic acid, methyl ester   | 296 | C19H36O2 | 002462-84-2 | 99   |
| 3    |    | 11-Octadecenoic acid, methyl est... | 296 | C19H36O2 | 001937-63-9 | 99   |
| 4    |    | 10-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 013481-95-3 | 99   |
| 5    |    | 9-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 001937-62-8 | 99   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\  
Data File : BF114920.D  
Acq On : 8 Jun 2019 4:57  
Operator : HP/JU  
Sample : K3160-01 2X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-060619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

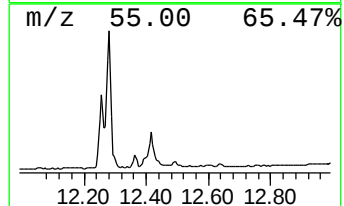
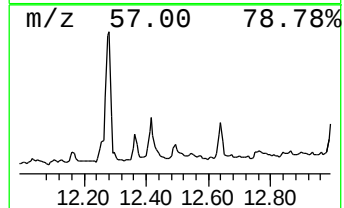
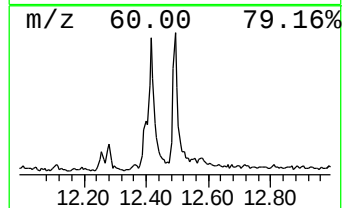
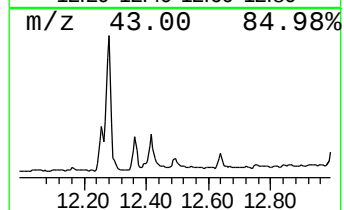
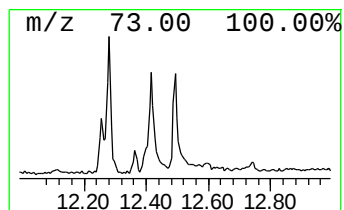
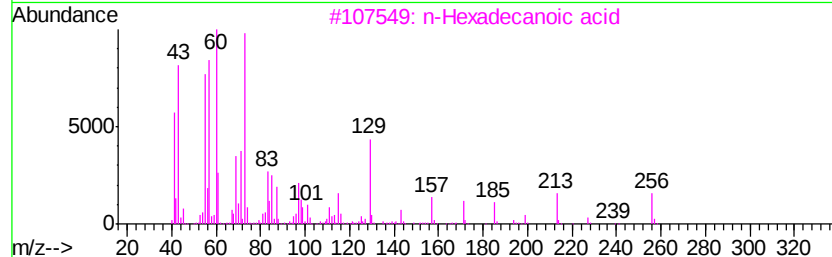
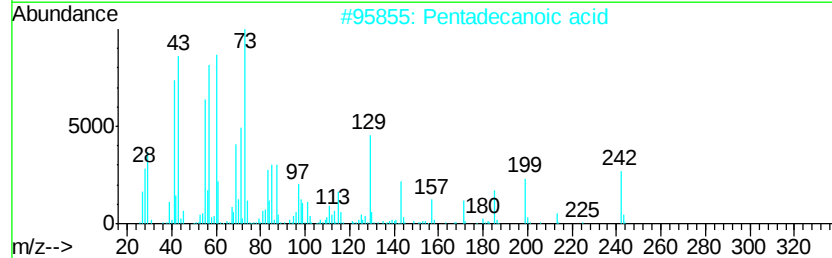
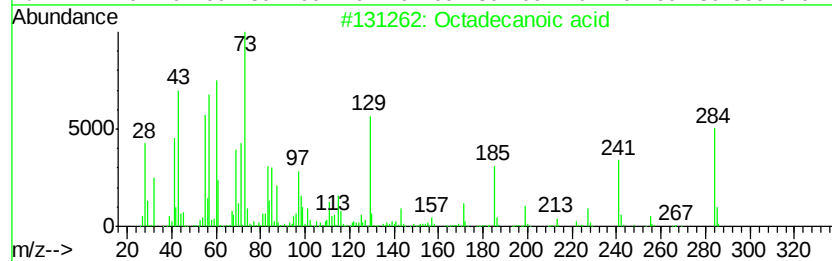
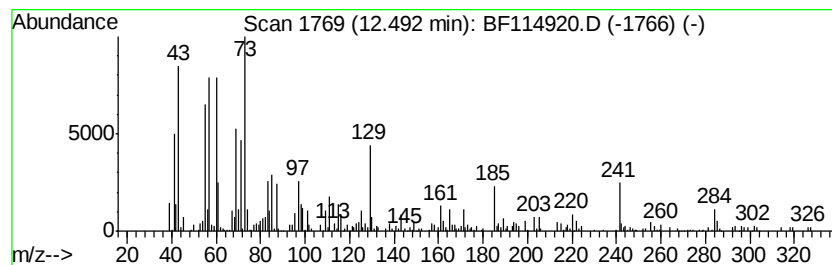
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.49 | 2.30 ng | 226882 | Chrysene-d12     | 13.79 |

| Hit# of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|---------|---|------------------------------------|-----|----------|-------------|------|
| 1       |   | Octadecanoic acid                  | 284 | C18H36O2 | 000057-11-4 | 98   |
| 2       |   | Pentadecanoic acid                 | 242 | C15H30O2 | 001002-84-2 | 90   |
| 3       |   | n-Hexadecanoic acid                | 256 | C16H32O2 | 000057-10-3 | 83   |
| 4       |   | Tetradecanoic acid                 | 228 | C14H28O2 | 000544-63-8 | 64   |
| 5       |   | Octadecanoic acid, 2-(2-hydroxy... | 372 | C22H44O4 | 000106-11-6 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\  
Data File : BF114920.D  
Acq On : 8 Jun 2019 4:57  
Operator : HP/JU  
Sample : K3160-01 2X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-060619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

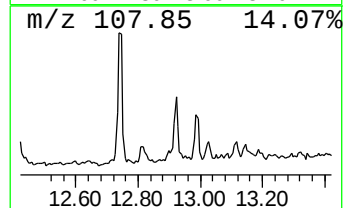
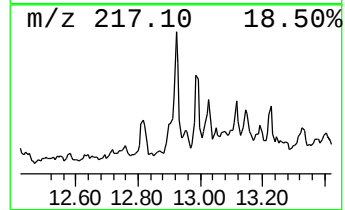
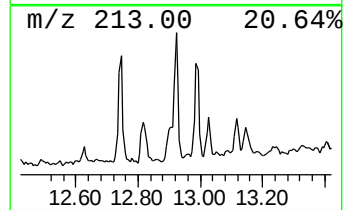
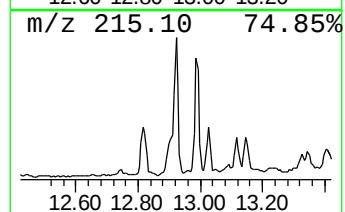
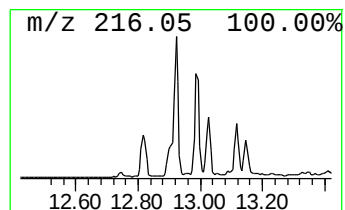
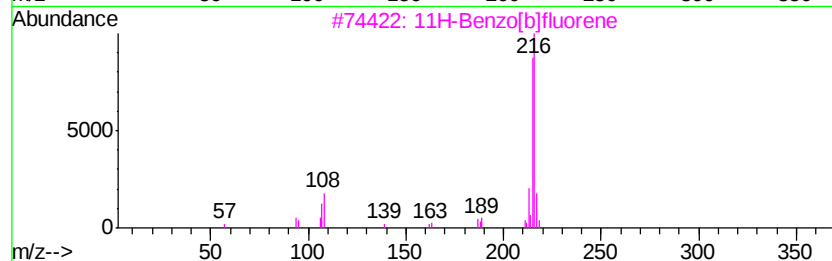
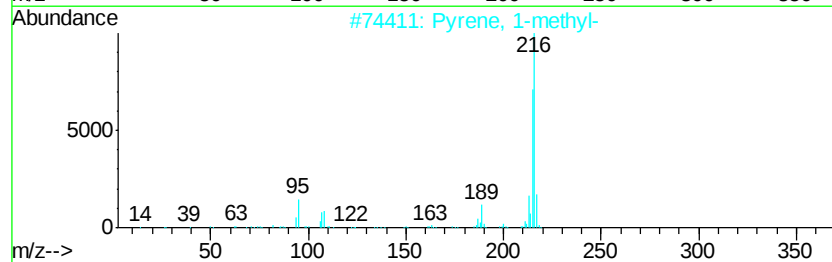
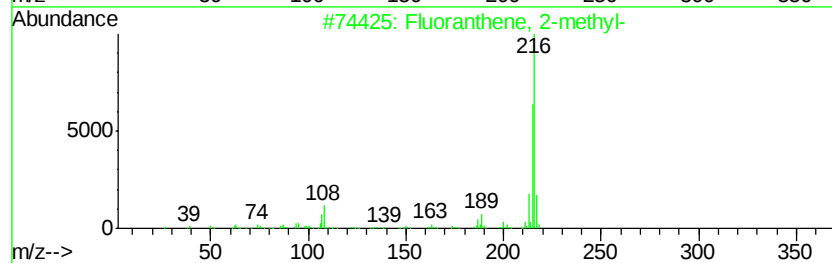
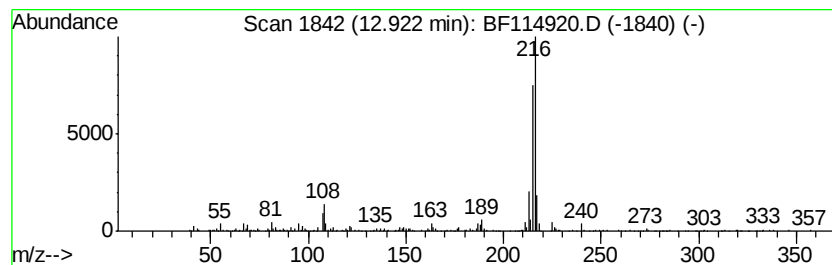
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.92 | 2.13 ng | 209752 | Chrysene-d12     | 13.79 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 93   |
| 2    |    |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 93   |
| 3    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 91   |
| 4    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 87   |
| 5    |    |   | Pyrene, 2-methyl-       | 216 | C17H12  | 003442-78-2 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\  
Data File : BF114920.D  
Acq On : 8 Jun 2019 4:57  
Operator : HP/JU  
Sample : K3160-01 2X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

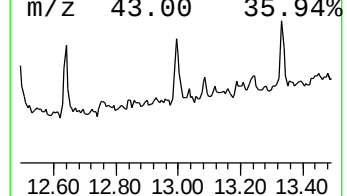
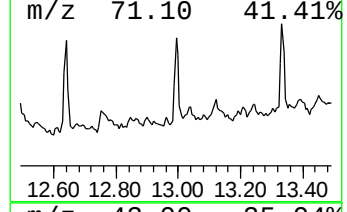
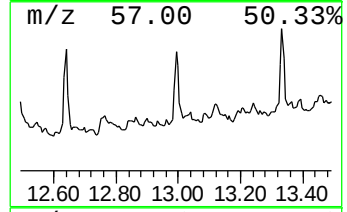
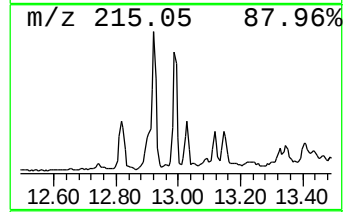
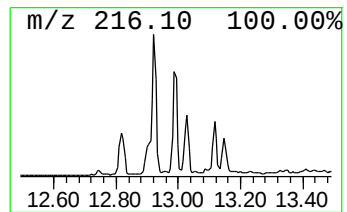
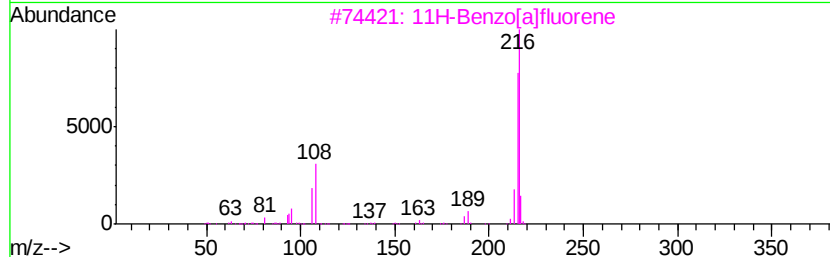
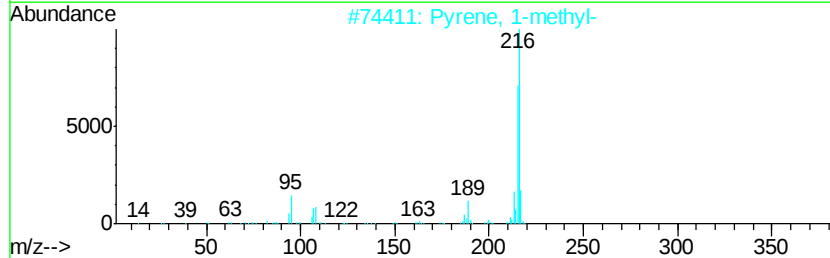
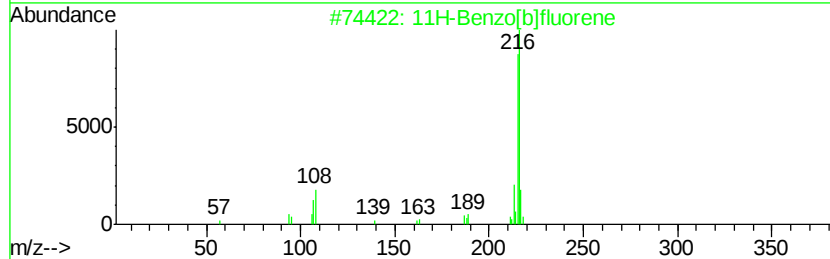
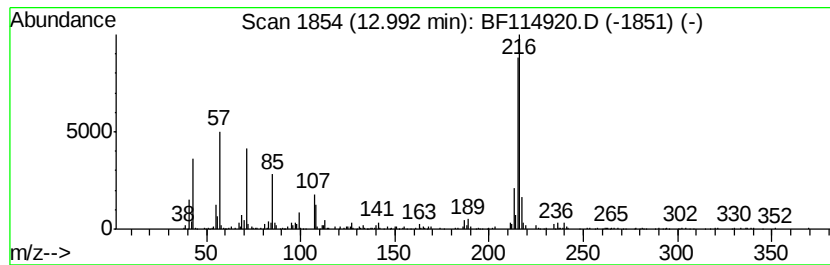
Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-060619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 7

| R.T.    | EstConc | Area                                | Relative to ISTD | R.T.       |             |      |
|---------|---------|-------------------------------------|------------------|------------|-------------|------|
| 12.99   | 4.07 ng | 400739                              | Chrysene-d12     | 13.79      |             |      |
| Hit# of | 5       | Tentative ID                        | MW               | MolForm    | CAS#        | Qual |
| 1       |         | 11H-Benzo[blfluorene                | 216              | C17H12     | 000243-17-4 | 96   |
| 2       |         | Pyrene, 1-methyl-                   | 216              | C17H12     | 002381-21-7 | 93   |
| 3       |         | 11H-Benzo[alfluorene                | 216              | C17H12     | 000238-84-6 | 64   |
| 4       |         | Fluoranthene, 2-methyl-             | 216              | C17H12     | 033543-31-6 | 58   |
| 5       |         | Benzoic acid, 3-(3,5-dimethyl-1-... | 216              | C12H12N2O2 | 312531-88-7 | 49   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF060719\  
Data File : BF114920.D  
Acq On : 8 Jun 2019 4:57  
Operator : HP/JU  
Sample : K3160-01 2X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EO-02-060619-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060419.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 |
| unknown6.43          | 6.43  | 36.6    | ng    | 3447300  | 1                     | 6.66  | 1885780 | 20.0 |
| Hexadecanoic acid... | 11.57 | 10.0    | ng    | 1050070  | 4                     | 11.16 | 2091830 | 20.0 |
| n-Hexadecanoic acid  | 11.71 | 6.0     | ng    | 632006   | 4                     | 11.16 | 2091830 | 20.0 |
| 9,12-Octadecadien... | 12.26 | 38.0    | ng    | 3979770  | 4                     | 11.16 | 2091830 | 20.0 |
| 9-Octadecenoic ac... | 12.28 | 47.0    | ng    | 4921280  | 4                     | 11.16 | 2091830 | 20.0 |
| Octadecanoic acid    | 12.49 | 2.3     | ng    | 226882   | 5                     | 13.79 | 1968640 | 20.0 |
| Fluoranthene, 2-m... | 12.92 | 2.1     | ng    | 209752   | 5                     | 13.79 | 1968640 | 20.0 |
| 11H-Benzo[b]fluorene | 12.99 | 4.1     | ng    | 400739   | 5                     | 13.79 | 1968640 | 20.0 |