

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF102115\  
 Data File : BF082435.D  
 Acq On : 22 Oct 2015 7:01  
 Operator : UM/IZ  
 Sample : G4117-01  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AB-AC-03(0-2)

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:\HPCHEM1\BNA\_F\METHODS\8270-BF101015.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         | 4.937       | 242           | 245         | 254          | rBV      | 788200         | 1431519       | 52.09%          | 6.497%        |
| 2         | 5.372       | 281           | 283         | 285          | rBV      | 2277675        | 2286875       | 83.22%          | 10.379%       |
| 3         | 5.772       | 316           | 318         | 323          | rVB      | 22544          | 28391         | 1.03%           | 0.129%        |
| 4         | 6.423       | 372           | 375         | 377          | rBV      | 1826874        | 2361863       | 85.94%          | 10.720%       |
| 5         | 6.537       | 383           | 385         | 388          | rBV      | 2222964        | 2180223       | 79.33%          | 9.895%        |
| 6         | 6.766       | 403           | 405         | 408          | rBV      | 571902         | 561818        | 20.44%          | 2.550%        |
| 7         | 6.926       | 417           | 419         | 421          | rBV      | 2273500        | 1960399       | 71.34%          | 8.897%        |
| 8         | 7.349       | 453           | 456         | 458          | rBV      | 973408         | 1429213       | 52.01%          | 6.487%        |
| 9         | 8.058       | 516           | 518         | 520          | rBV      | 888745         | 733064        | 26.67%          | 3.327%        |
| 10        | 9.143       | 610           | 613         | 615          | rBV      | 2696089        | 2748136       | 100.00%         | 12.473%       |
| 11        | 9.532       | 645           | 647         | 650          | rBV      | 291135         | 307838        | 11.20%          | 1.397%        |
| 12        | 9.818       | 669           | 672         | 674          | rBV      | 802601         | 770044        | 28.02%          | 3.495%        |
| 13        | 10.241      | 708           | 709         | 711          | rVB      | 35722          | 34065         | 1.24%           | 0.155%        |
| 14        | 10.606      | 738           | 741         | 744          | rBV      | 1246628        | 1160939       | 42.24%          | 5.269%        |
| 15        | 10.721      | 748           | 751         | 755          | rVB      | 52042          | 63205         | 2.30%           | 0.287%        |
| 16        | 11.166      | 788           | 790         | 791          | rBV      | 49123          | 39526         | 1.44%           | 0.179%        |
| 17        | 11.304      | 800           | 802         | 804          | rBV      | 651248         | 623539        | 22.69%          | 2.830%        |
| 18        | 11.532      | 818           | 822         | 825          | rBV4     | 12314          | 30613         | 1.11%           | 0.139%        |
| 19        | 11.829      | 847           | 848         | 852          | rBV      | 42683          | 56369         | 2.05%           | 0.256%        |
| 20        | 12.081      | 868           | 870         | 875          | rVB3     | 21772          | 28517         | 1.04%           | 0.129%        |
| 21        | 12.892      | 938           | 941         | 944          | rBV      | 1844128        | 1703482       | 61.99%          | 7.731%        |
| 22        | 13.818      | 1020          | 1022        | 1029         | rBV      | 63798          | 110785        | 4.03%           | 0.503%        |
| 23        | 13.978      | 1033          | 1036        | 1039         | rBV      | 634506         | 624633        | 22.73%          | 2.835%        |
| 24        | 14.481      | 1077          | 1080        | 1087         | rBV4     | 16692          | 46732         | 1.70%           | 0.212%        |
| 25        | 15.487      | 1165          | 1168        | 1171         | rBV      | 500544         | 627437        | 22.83%          | 2.848%        |
| 26        | 16.298      | 1237          | 1239        | 1245         | rVB2     | 15834          | 36810         | 1.34%           | 0.167%        |
| 27        | 16.961      | 1293          | 1297        | 1302         | rVB2     | 17885          | 47186         | 1.72%           | 0.214%        |

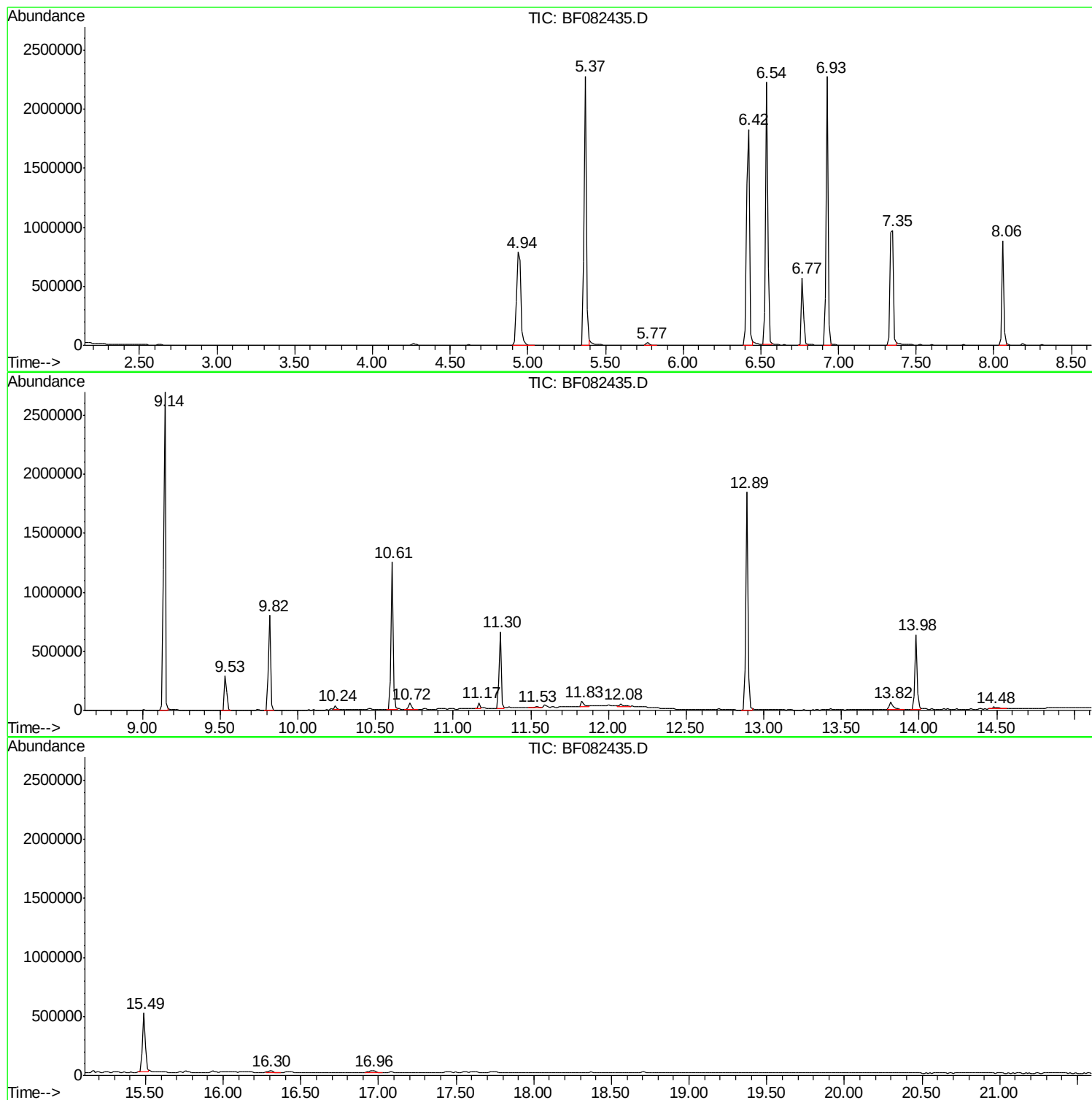
Sum of corrected areas: 22033221

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF102115\  
Data File : BF082435.D  
Acq On : 22 Oct 2015 7:01  
Operator : UM/IZ  
Sample : G4117-01  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AB-AC-03(0-2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF101015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\  
Data File : BF082435.D  
Acq On : 22 Oct 2015 7:01  
Operator : UM/IZ  
Sample : G4117-01  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AB-AC-03(0-2)

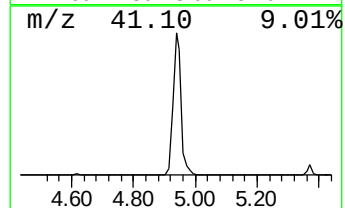
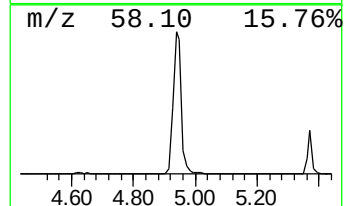
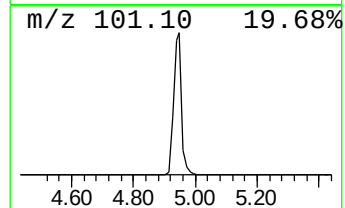
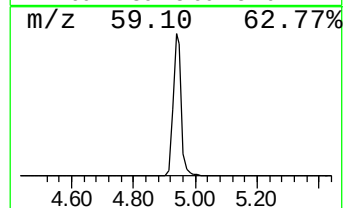
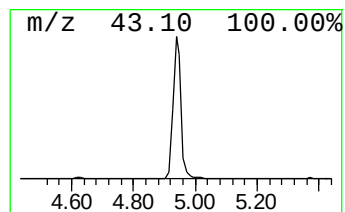
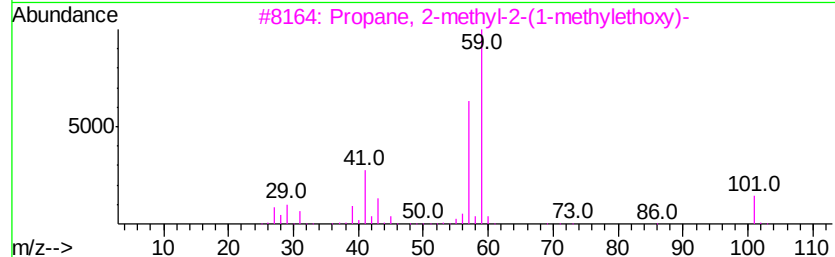
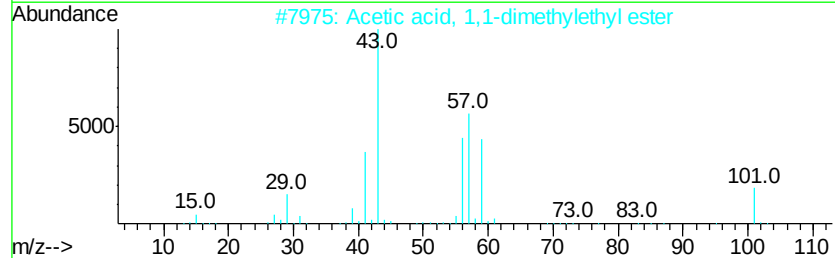
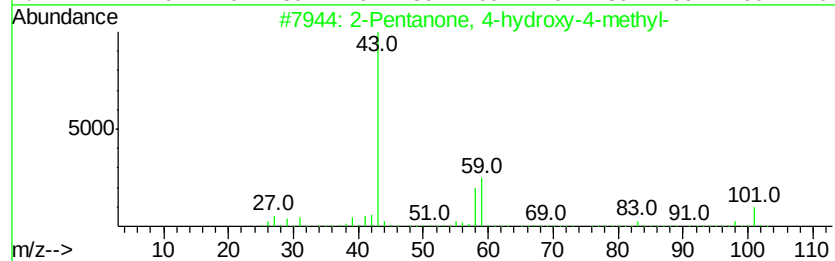
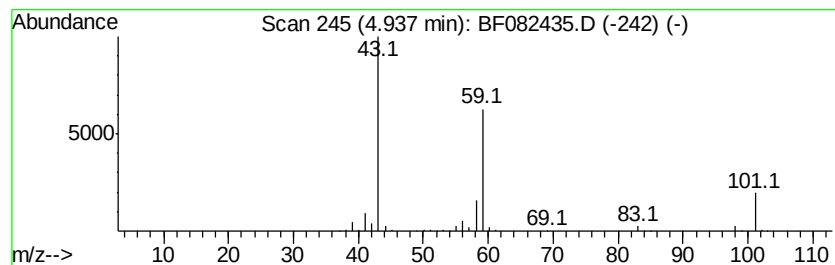
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 4.94 | 50.96 ng | 1431520 | 1,4-Dichlorobenzene-d4 | 6.77 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    |   | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O   | 017348-59-3 | 36   |
| 4    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 28   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF102115\  
Data File : BF082435.D  
Acq On : 22 Oct 2015 7:01  
Operator : UM/IZ  
Sample : G4117-01  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AB-AC-03(0-2)

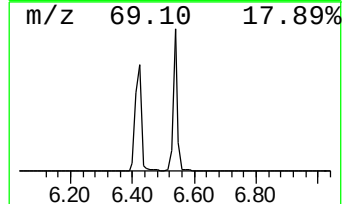
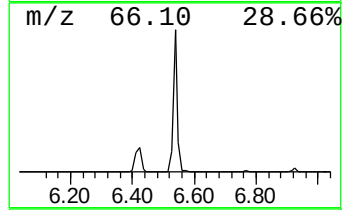
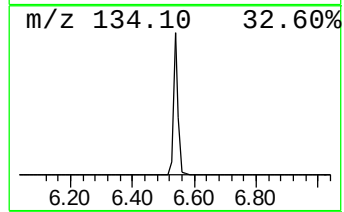
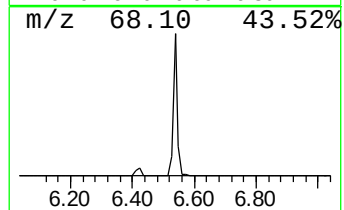
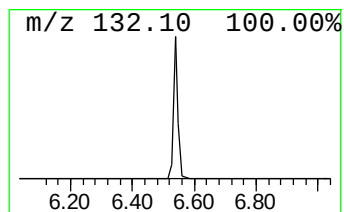
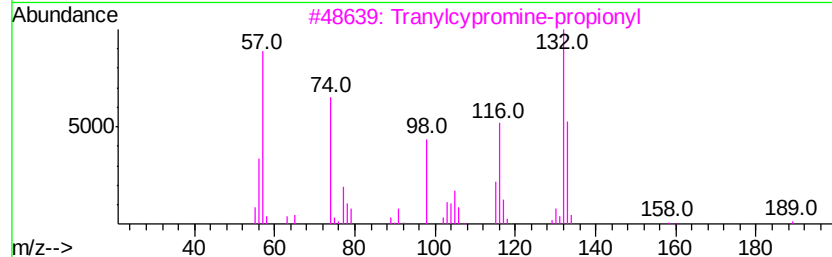
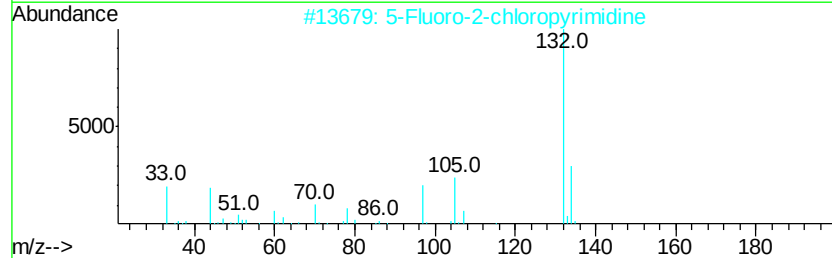
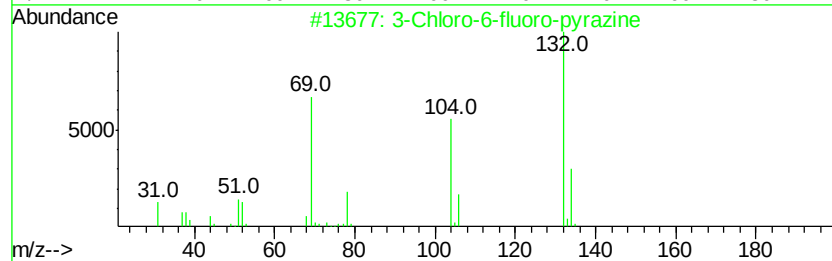
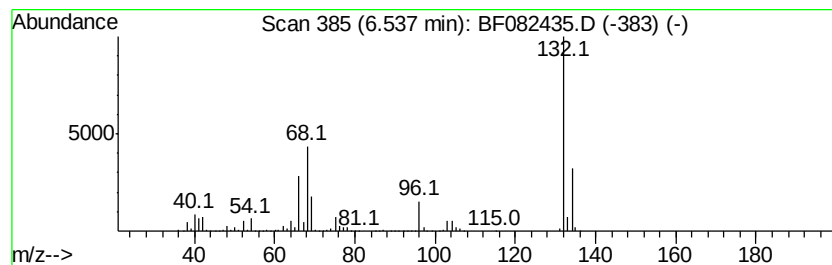
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF101015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown6.54 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.54 | 77.61 ng | 2180220 | 1,4-Dichlorobenzene-d4 | 6.77 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 3    |    | Tranvlcypropine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | Benzene, 1-ethenyl-3,5-dimethyl-    | 132 | C10H12    | 005379-20-4  | 9    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF102115\  
Data File : BF082435.D  
Acq On : 22 Oct 2015 7:01  
Operator : UM/IZ  
Sample : G4117-01  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AB-AC-03(0-2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF101015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

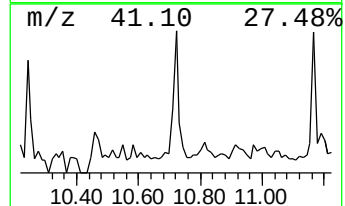
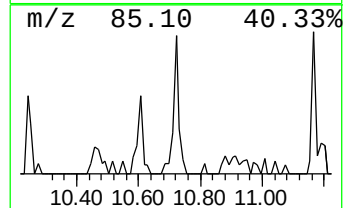
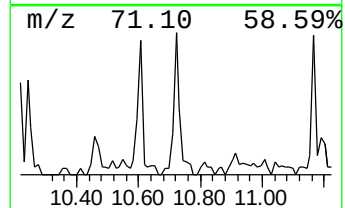
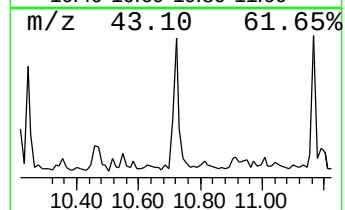
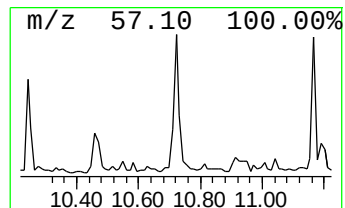
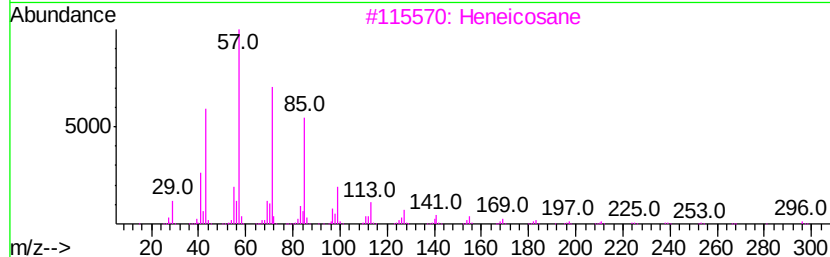
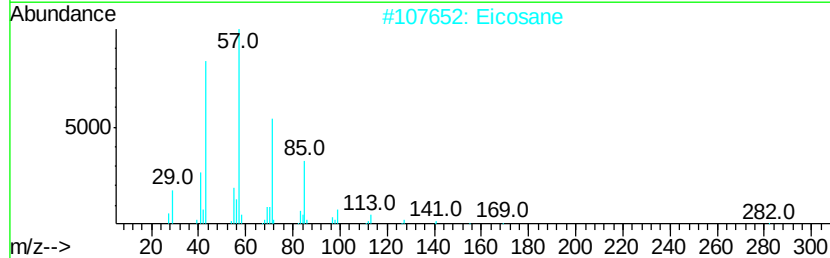
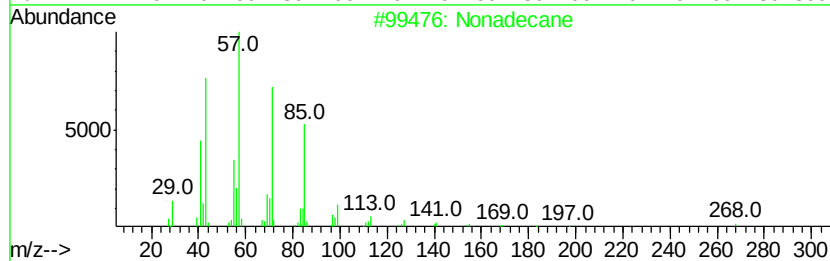
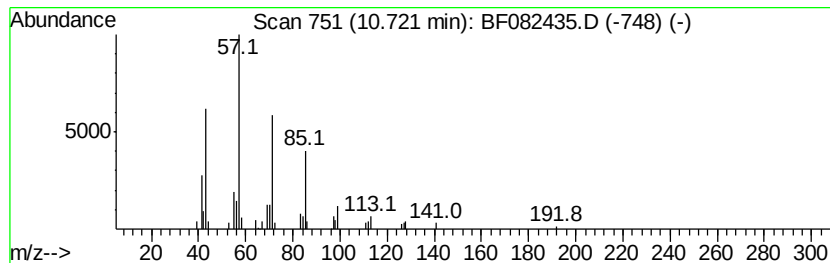
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Nonadecane Concentration Rank 5

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 10.72 | 2.03 ng | 63205 | Phenanthrene-d10 | 11.30 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------------------------------|--------------|-----|---------|-------------|------|
| 1       | Nonadecane                          |              | 268 | C19H40  | 000629-92-5 | 90   |
| 2       | Eicosane                            |              | 282 | C20H42  | 000112-95-8 | 90   |
| 3       | Heneicosane                         |              | 296 | C21H44  | 000629-94-7 | 90   |
| 4       | Heptadecane, 2,6,10,15-tetramethyl- |              | 296 | C21H44  | 054833-48-6 | 90   |
| 5       | Pentadecane                         |              | 212 | C15H32  | 000629-62-9 | 86   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF102115\  
Data File : BF082435.D  
Acq On : 22 Oct 2015 7:01  
Operator : UM/IZ  
Sample : G4117-01  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AB-AC-03(0-2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF101015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

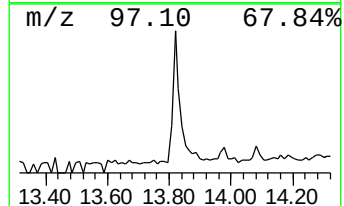
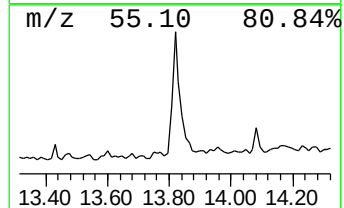
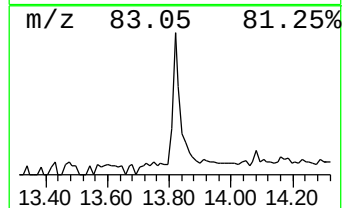
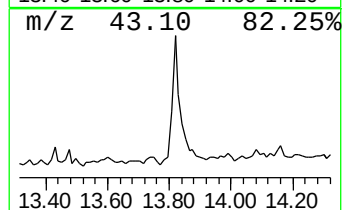
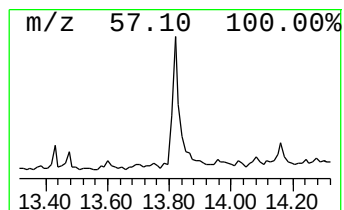
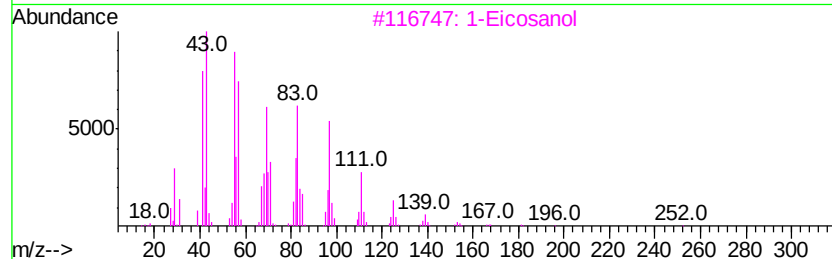
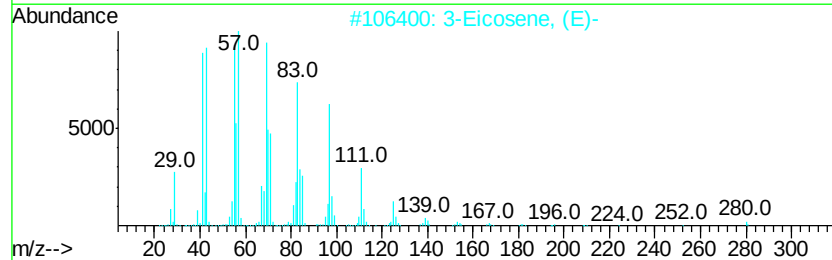
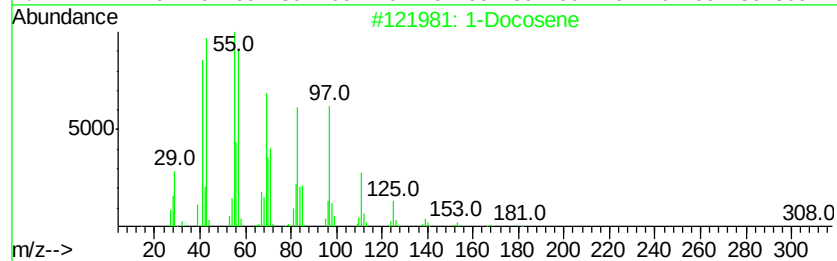
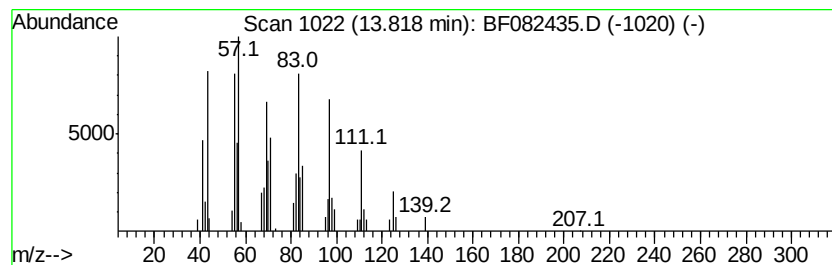
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 1-Docosene Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.82 | 3.55 ng | 110785 | Chrysene-d12     | 13.98 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm     | CAS#         | Qual |
|---------|-------------------------------------|--------------|-----|-------------|--------------|------|
| 1       | 1-Docosene                          |              | 308 | C22H44      | 001599-67-3  | 91   |
| 2       | 3-Eicosene, (E)-                    |              | 280 | C20H40      | 074685-33-9  | 91   |
| 3       | 1-Eicosanol                         |              | 298 | C20H42O     | 000629-96-9  | 87   |
| 4       | Trichloroacetic acid, pentadecyl... |              | 372 | C17H31Cl3O2 | 074339-53-0  | 87   |
| 5       | Pentafluoropropionic acid, penta... |              | 374 | C18H31F5O2  | 1000280-07-5 | 83   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF102115\  
Data File : BF082435.D  
Acq On : 22 Oct 2015 7:01  
Operator : UM/IZ  
Sample : G4117-01  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
AB-AC-03(0-2)

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF101015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.94  | 51.0    | ng    | 1431520  | 1                     | 6.77  | 561818 | 20.0 |
| unknown6.54          | 6.54  | 77.6    | ng    | 2180220  | 1                     | 6.77  | 561818 | 20.0 |
| Nonadecane           | 10.72 | 2.0     | ng    | 63205    | 4                     | 11.30 | 623539 | 20.0 |
| 1-Docosene           | 13.82 | 3.5     | ng    | 110785   | 5                     | 13.98 | 624633 | 20.0 |