

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070715\  
 Data File : BF080378.D  
 Acq On : 7 Jul 2015 18:30  
 Operator : TP/UM  
 Sample : G2906-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BOTTOMWEST-1

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070615.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         | 2.212       | 8             | 11          | 28           | rVV      | 315125         | 590812        | 43.76%          | 5.171%        |
| 2         | 2.430       | 28            | 30          | 34           | rVB      | 237243         | 308278        | 22.83%          | 2.698%        |
| 3         | 2.567       | 39            | 42          | 47           | rVB      | 11883          | 19003         | 1.41%           | 0.166%        |
| 4         | 4.841       | 239           | 241         | 247          | rVB      | 18477          | 22037         | 1.63%           | 0.193%        |
| 5         | 5.436       | 290           | 293         | 295          | rBV      | 632064         | 690437        | 51.14%          | 6.042%        |
| 6         | 5.836       | 325           | 328         | 330          | rBV      | 1097644        | 1003898       | 74.36%          | 8.786%        |
| 7         | 6.236       | 361           | 363         | 366          | rBV      | 64703          | 53518         | 3.96%           | 0.468%        |
| 8         | 6.830       | 413           | 415         | 418          | rBV      | 877778         | 964916        | 71.47%          | 8.445%        |
| 9         | 6.990       | 427           | 429         | 432          | rBV      | 1113385        | 1033143       | 76.52%          | 9.042%        |
| 10        | 7.230       | 448           | 450         | 452          | rVB      | 245852         | 201101        | 14.90%          | 1.760%        |
| 11        | 7.390       | 462           | 464         | 466          | rBV      | 741789         | 728476        | 53.96%          | 6.375%        |
| 12        | 7.790       | 496           | 499         | 501          | rBV      | 417824         | 576409        | 42.69%          | 5.045%        |
| 13        | 8.522       | 561           | 563         | 565          | rBV      | 264092         | 256588        | 19.01%          | 2.246%        |
| 14        | 9.596       | 654           | 657         | 659          | rBV      | 1407568        | 1119824       | 82.94%          | 9.800%        |
| 15        | 9.985       | 689           | 691         | 693          | rBV      | 301362         | 237373        | 17.58%          | 2.077%        |
| 16        | 10.282      | 715           | 717         | 720          | rBV      | 216740         | 281762        | 20.87%          | 2.466%        |
| 17        | 11.082      | 785           | 787         | 789          | rBV      | 752243         | 771728        | 57.16%          | 6.754%        |
| 18        | 11.173      | 794           | 795         | 799          | rBV2     | 12308          | 20050         | 1.49%           | 0.175%        |
| 19        | 11.791      | 846           | 849         | 851          | rBV      | 375028         | 327899        | 24.29%          | 2.870%        |
| 20        | 13.471      | 994           | 996         | 999          | rBV      | 1304105        | 1350086       | 100.00%         | 11.815%       |
| 21        | 14.019      | 1042          | 1044        | 1049         | rVB      | 62746          | 68390         | 5.07%           | 0.599%        |
| 22        | 14.545      | 1087          | 1090        | 1098         | rBV      | 32938          | 87233         | 6.46%           | 0.763%        |
| 23        | 14.739      | 1105          | 1107        | 1109         | rBV      | 344375         | 353475        | 26.18%          | 3.093%        |
| 24        | 16.568      | 1264          | 1267        | 1270         | rBV      | 253915         | 341142        | 25.27%          | 2.986%        |
| 25        | 17.265      | 1324          | 1328        | 1334         | rBV7     | 4141           | 18874         | 1.40%           | 0.165%        |

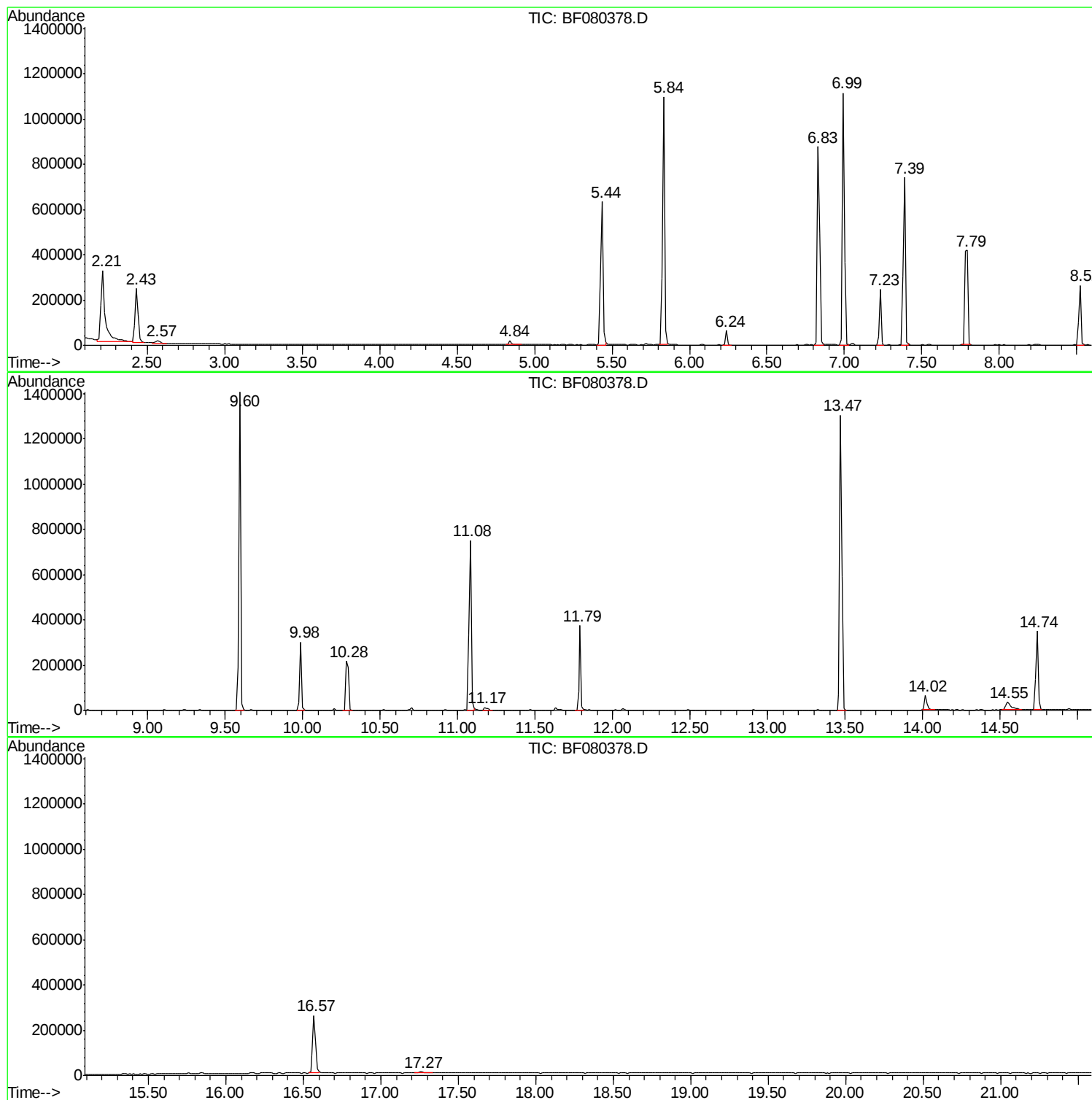
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ClientSampleId :  
BOTTOMWEST-1

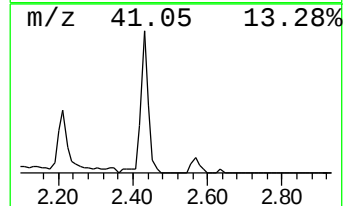
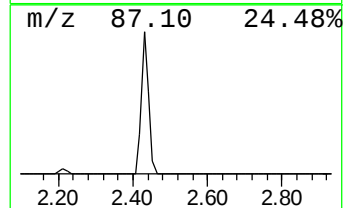
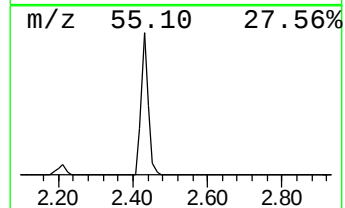
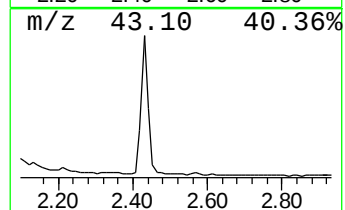
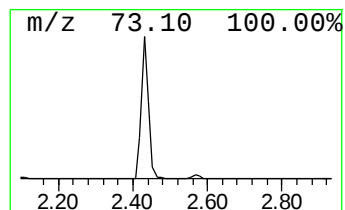
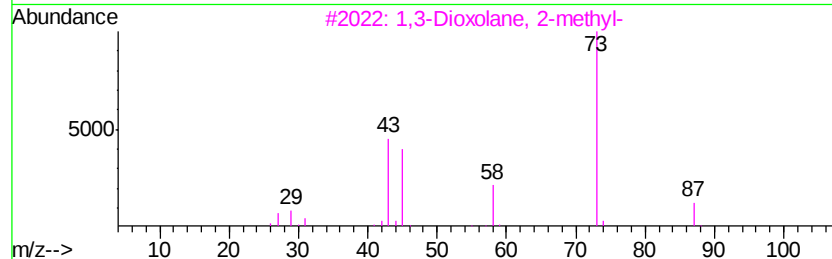
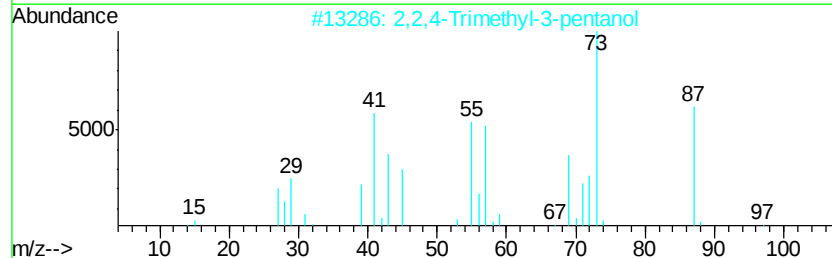
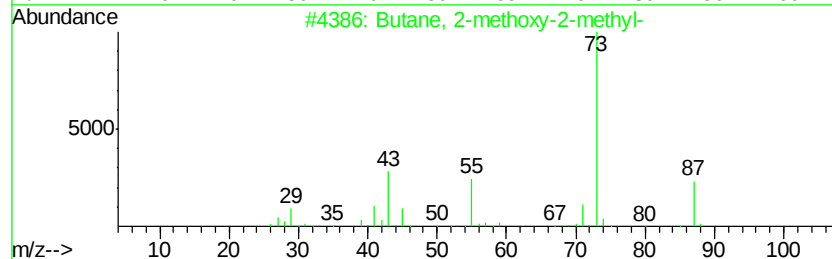
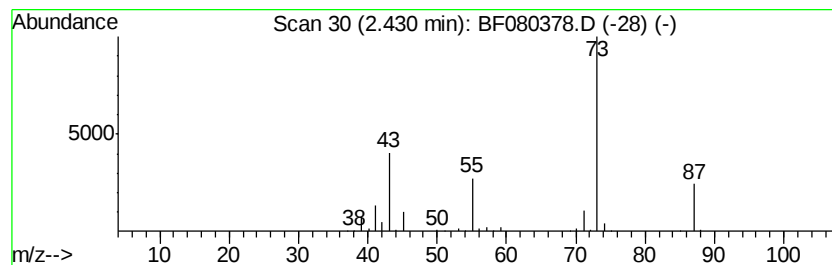
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 2.43 | 30.66 ng | 308278 | 1,4-Dichlorobenzene-d4 | 7.23 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 4    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |
| 5    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 10   |



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BOTTOMWEST-1

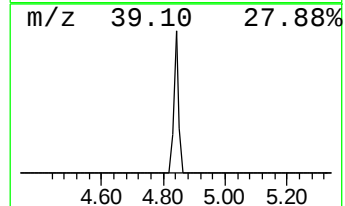
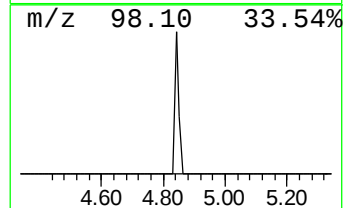
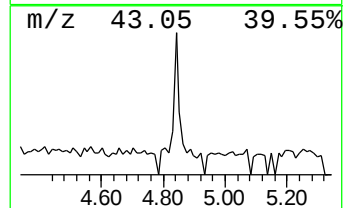
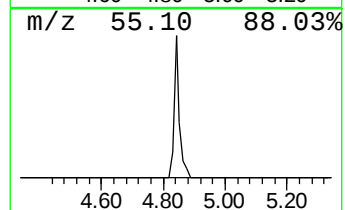
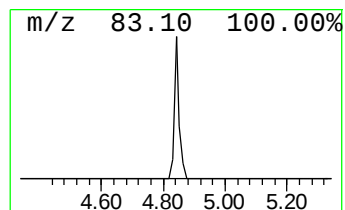
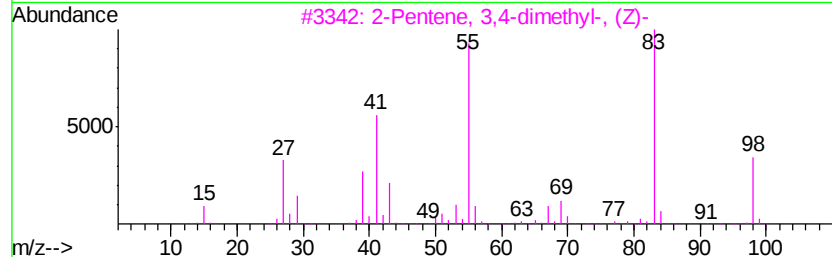
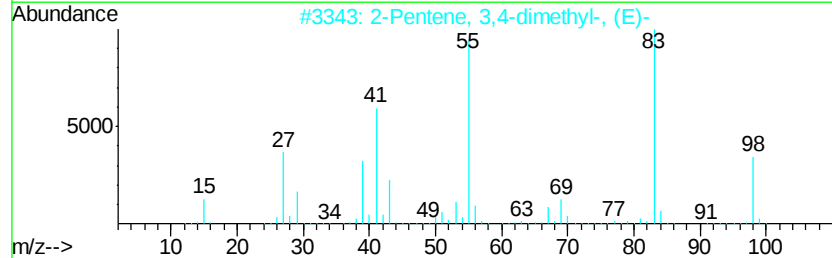
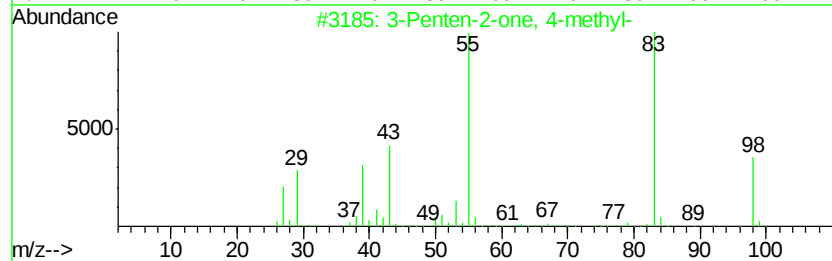
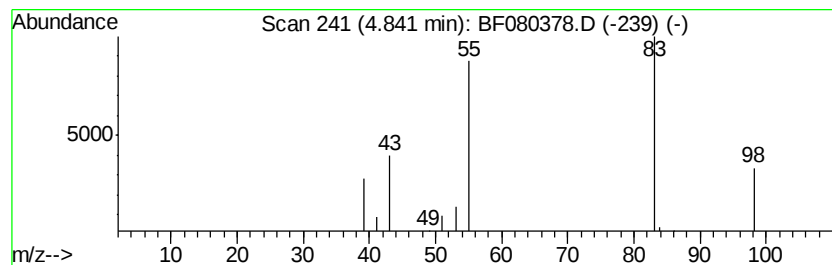
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 9

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 4.84 | 2.19 ng | 22037 | 1,4-Dichlorobenzene-d4 | 7.23 |

| Hit# | of | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|------|----|--------------------------------|----|---------|-------------|------|
| 1    | 5  | 3-Penten-2-one, 4-methyl-      | 98 | C6H10O  | 000141-79-7 | 90   |
| 2    |    | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14   | 004914-92-5 | 83   |
| 3    |    | 2-Pentene, 3,4-dimethyl-, (Z)- | 98 | C7H14   | 004914-91-4 | 83   |
| 4    |    | 2-Pentene, 2,4-dimethyl-       | 98 | C7H14   | 000625-65-0 | 83   |
| 5    |    | 2-Pentene, 4,4-dimethyl-, (Z)- | 98 | C7H14   | 000762-63-0 | 64   |



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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BOTTOMWEST-1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

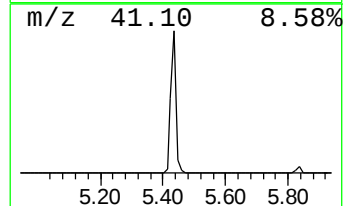
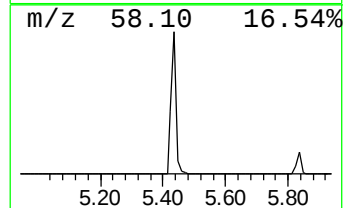
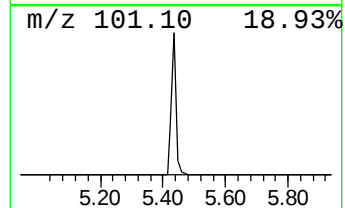
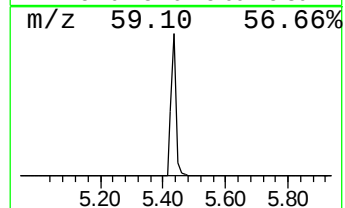
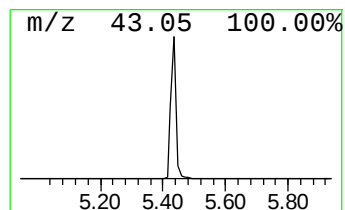
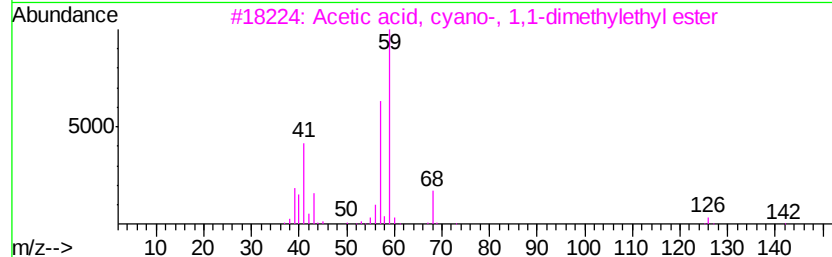
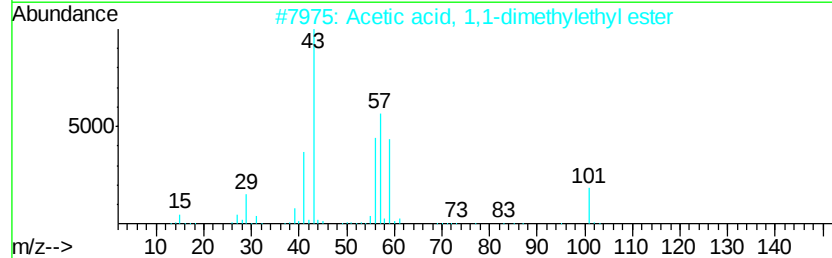
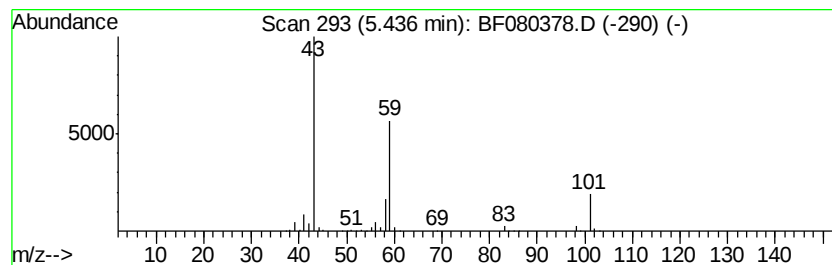
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.44 | 68.67 ng | 690437 | 1,4-Dichlorobenzene-d4 | 7.23 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    | Acetic acid, cyano-, 1,1-dimethy... | 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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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BOTTOMWEST-1

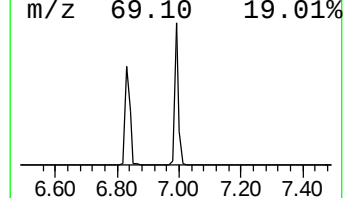
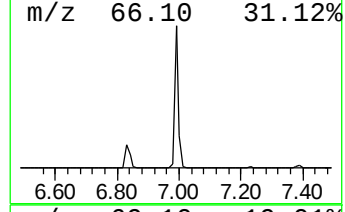
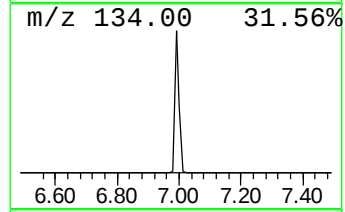
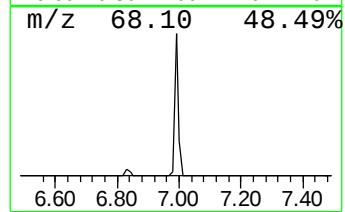
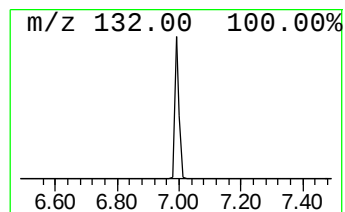
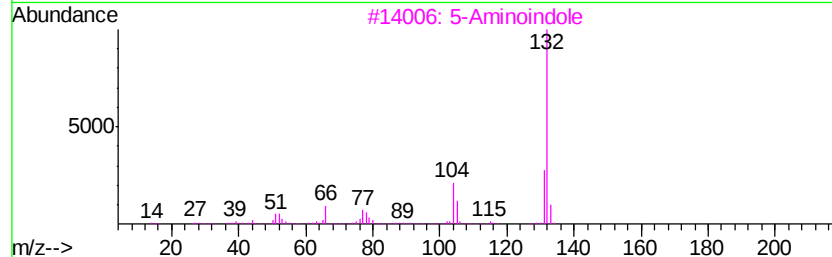
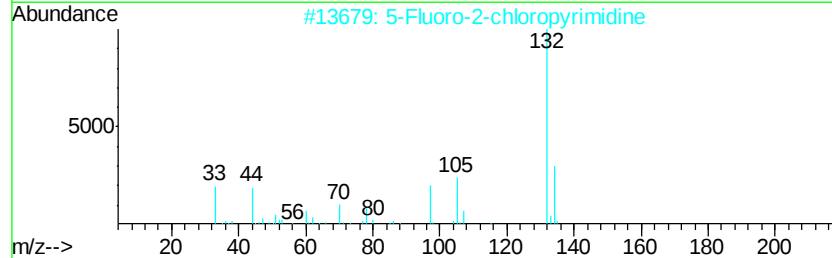
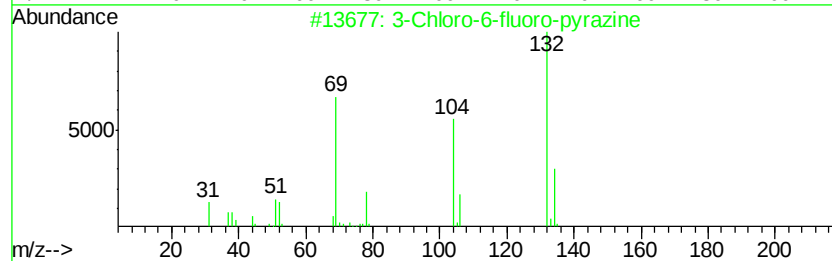
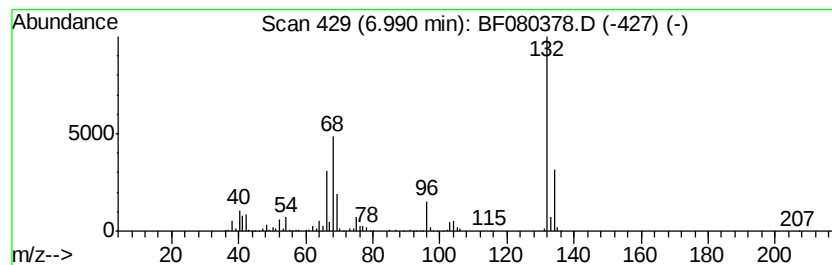
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Peak Number 6 unknown6.99 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 6.99 | 102.75 ng | 1033140 | 1,4-Dichlorobenzene-d4 | 7.23 |

| 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  | 12   |
| 3    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 10   |
| 4    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 9    |
| 5    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 9    |



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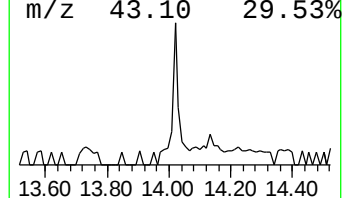
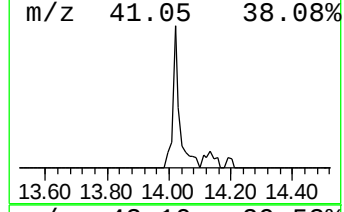
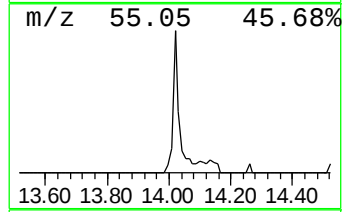
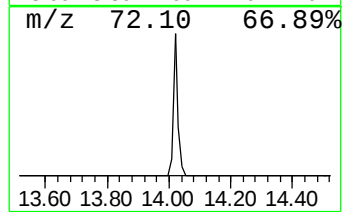
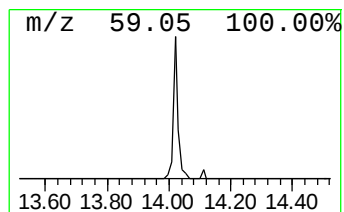
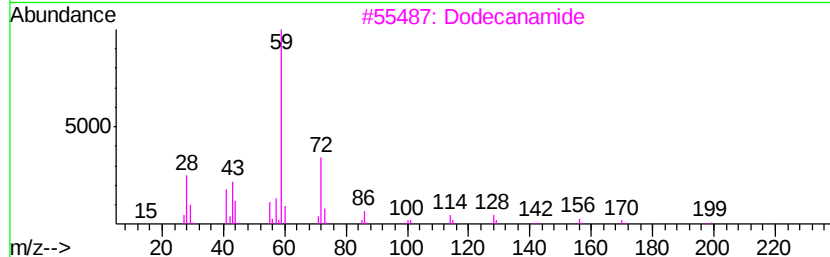
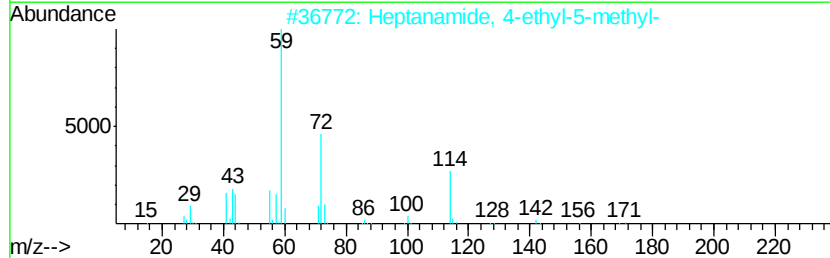
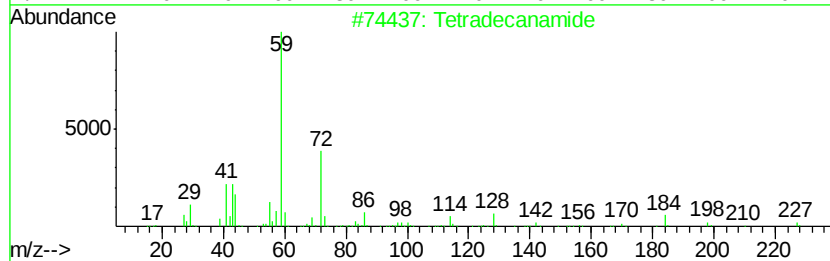
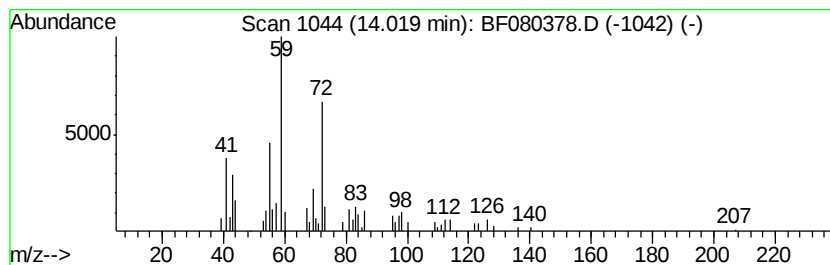
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Tetradecanamide Concentration Rank 8

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.02 | 3.87 ng | 68390 | Chrysene-d12     | 14.74 |

| Hit# of | 5 | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|---------|---|--------------------------------|-----|----------|-------------|------|
| 1       |   | Tetradecanamide                | 227 | C14H29NO | 000638-58-4 | 72   |
| 2       |   | Heptanamide, 4-ethyl-5-methyl- | 171 | C10H21NO | 054789-40-1 | 64   |
| 3       |   | Dodecanamide                   | 199 | C12H25NO | 001120-16-7 | 59   |
| 4       |   | Hexadecanamide                 | 255 | C16H33NO | 000629-54-9 | 56   |
| 5       |   | 7-Nonenamide                   | 155 | C9H17NO  | 090949-53-4 | 56   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070715\  
Data File : BF080378.D  
Acq On : 7 Jul 2015 18:30  
Operator : TP/UM  
Sample : G2906-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BOTTOMWEST-1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

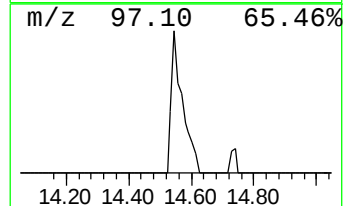
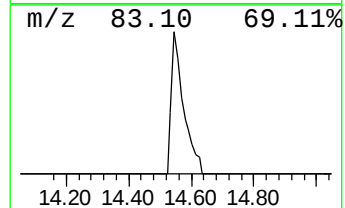
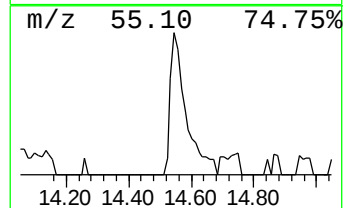
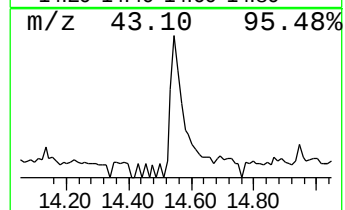
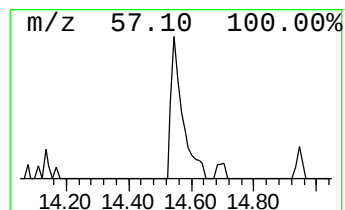
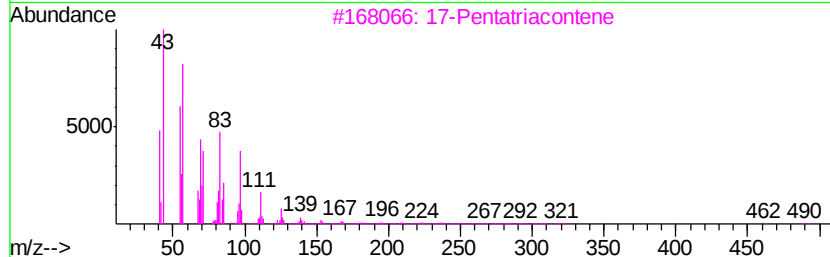
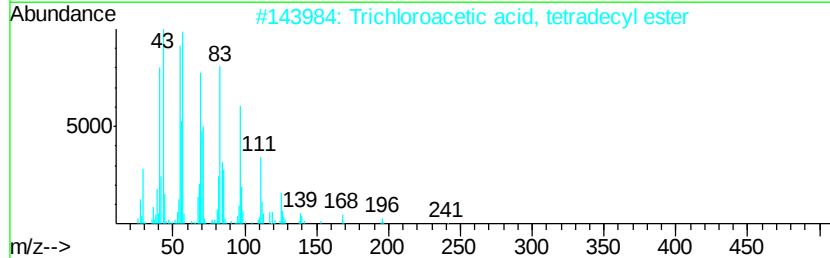
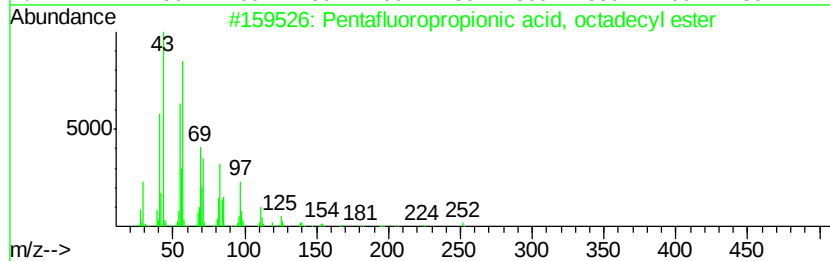
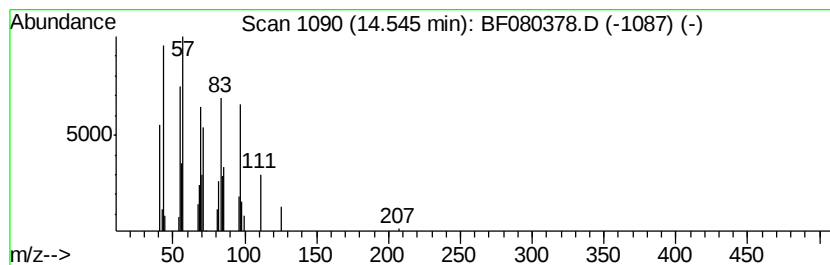
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Pentafluoropropionic acid, ... Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.55 | 4.94 ng | 87233 | Chrysene-d12     | 14.74 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Pentafluoropropionic acid, octad... | 416 | C21H37F5O2  | 1000280-07-7 | 91   |
| 2    |    | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9  | 86   |
| 3    |    | 17-Pentatriacontene                 | 491 | C35H70      | 006971-40-0  | 86   |
| 4    |    | Trichloroacetic acid, tridecyl e... | 344 | C15H27Cl3O2 | 074339-51-8  | 86   |
| 5    |    | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0  | 86   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF070715\  
Data File : BF080378.D  
Acq On : 7 Jul 2015 18:30  
Operator : TP/UM  
Sample : G2906-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
BOTTOMWEST-1

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF070615.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 |
| Butane, 2-methoxy... | 2.43  | 30.7    | ng    | 308278   | 1                     | 7.23  | 201101 | 20.0 |
| 3-Penten-2-one, 4... | 4.84  | 2.2     | ng    | 22037    | 1                     | 7.23  | 201101 | 20.0 |
| 2-Pentanone, 4-hy... | 5.44  | 68.7    | ng    | 690437   | 1                     | 7.23  | 201101 | 20.0 |
| unknown6.99          | 6.99  | 102.8   | ng    | 1033140  | 1                     | 7.23  | 201101 | 20.0 |
| Tetradecanamide      | 14.02 | 3.9     | ng    | 68390    | 5                     | 14.74 | 353475 | 20.0 |
| Pentafluoropropio... | 14.55 | 4.9     | ng    | 87233    | 5                     | 14.74 | 353475 | 20.0 |