

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052016\  
 Data File : BF087255.D  
 Acq On : 21 May 2016 6:42  
 Operator : UM/SJ  
 Sample : H3167-03  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RAV-RMW-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-BF051716.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         | 1.701       | 8             | 10          | 62           | rVB      | 3709987        | 7928025       | 100.00%         | 19.318%       |
| 2         | 4.673       | 269           | 270         | 285          | rBV      | 93425          | 225285        | 2.84%           | 0.549%        |
| 3         | 5.130       | 308           | 310         | 329          | rBV      | 1257486        | 2238547       | 28.24%          | 5.455%        |
| 4         | 6.216       | 403           | 405         | 413          | rBV      | 973549         | 1511417       | 19.06%          | 3.683%        |
| 5         | 6.330       | 413           | 415         | 417          | rBV      | 2846563        | 3735127       | 47.11%          | 9.101%        |
| 6         | 6.559       | 433           | 435         | 441          | rBV      | 581726         | 857025        | 10.81%          | 2.088%        |
| 7         | 6.707       | 446           | 448         | 451          | rBV      | 3481033        | 3236816       | 40.83%          | 7.887%        |
| 8         | 7.130       | 482           | 485         | 488          | rBV      | 2584869        | 2784404       | 35.12%          | 6.785%        |
| 9         | 7.839       | 545           | 547         | 550          | rBV      | 985821         | 1100277       | 13.88%          | 2.681%        |
| 10        | 8.925       | 639           | 642         | 644          | rBV      | 4965557        | 5351995       | 67.51%          | 13.041%       |
| 11        | 9.588       | 697           | 700         | 702          | rBV      | 1478365        | 1295399       | 16.34%          | 3.156%        |
| 12        | 10.376      | 766           | 769         | 772          | rBV      | 2711653        | 3004507       | 37.90%          | 7.321%        |
| 13        | 11.062      | 827           | 829         | 832          | rBV      | 1358006        | 1254615       | 15.83%          | 3.057%        |
| 14        | 12.651      | 965           | 968         | 970          | rBV      | 4740556        | 4773536       | 60.21%          | 11.632%       |
| 15        | 13.691      | 1057          | 1059        | 1067         | rVB      | 1026503        | 1017668       | 12.84%          | 2.480%        |
| 16        | 15.040      | 1175          | 1177        | 1187         | rVB      | 557377         | 724529        | 9.14%           | 1.765%        |

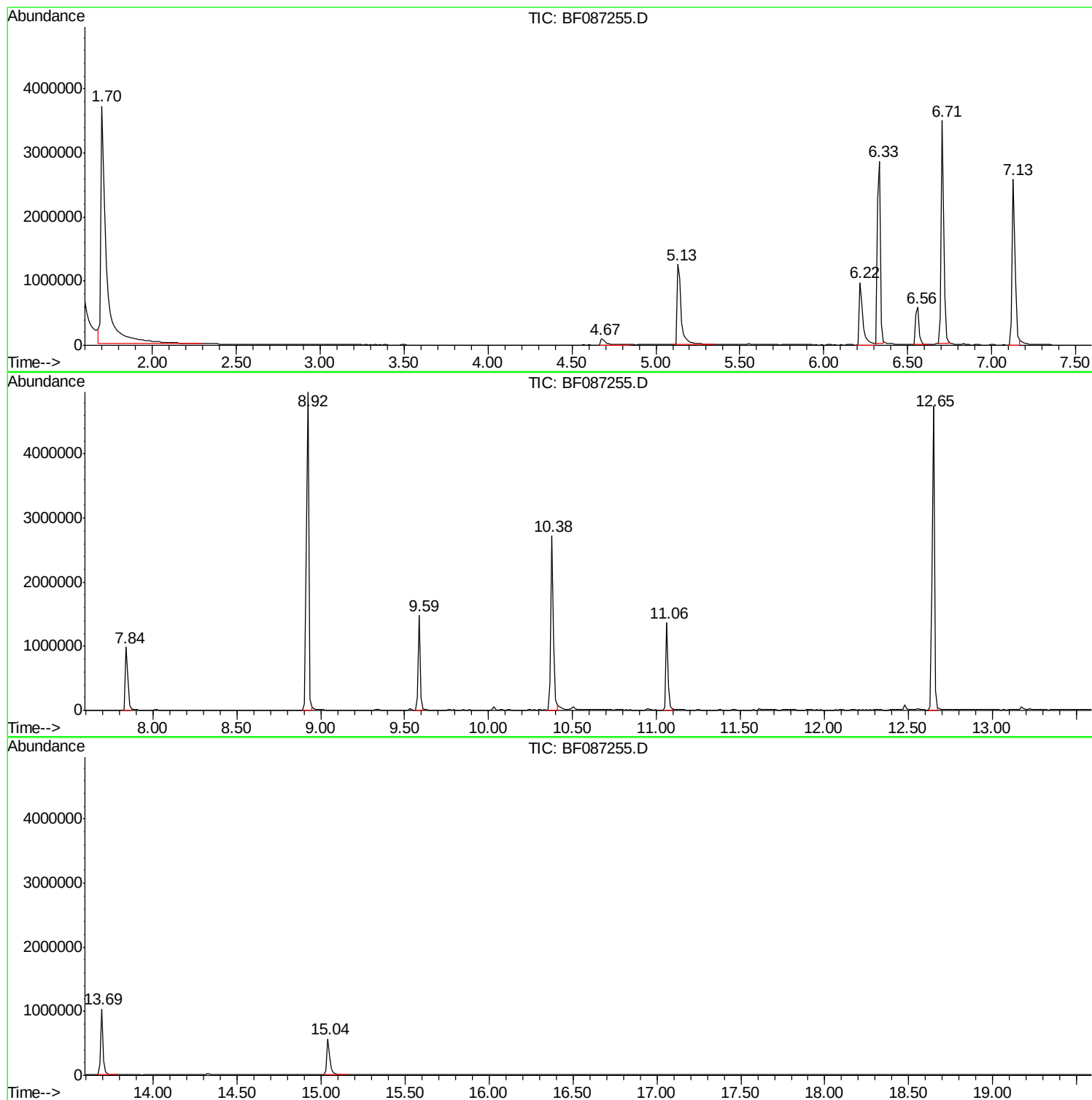
Sum of corrected areas: 41039172

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF051716.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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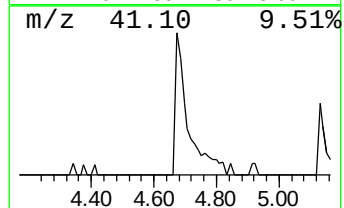
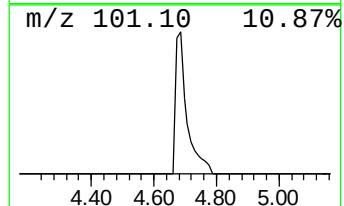
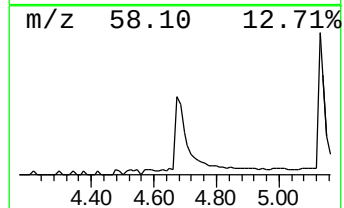
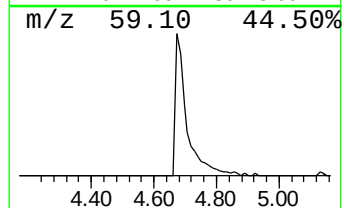
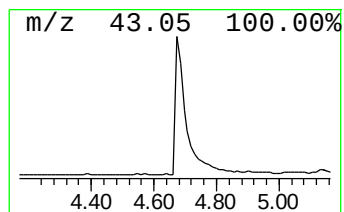
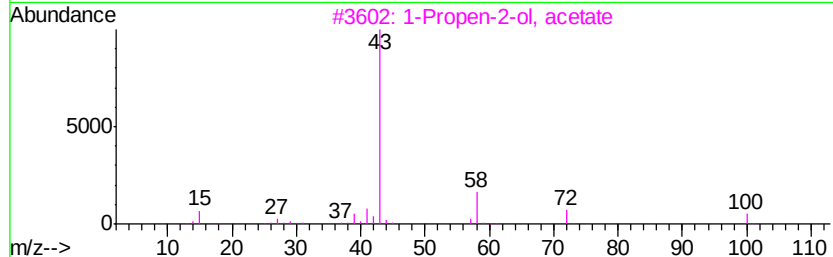
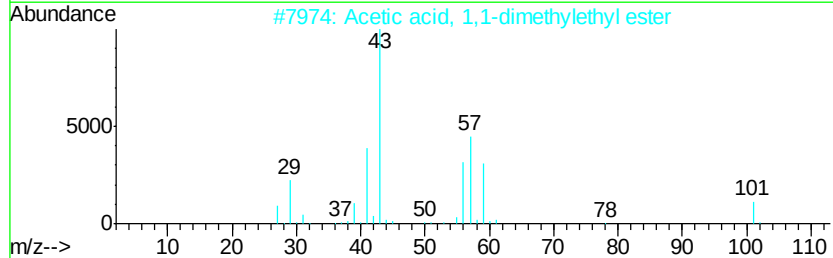
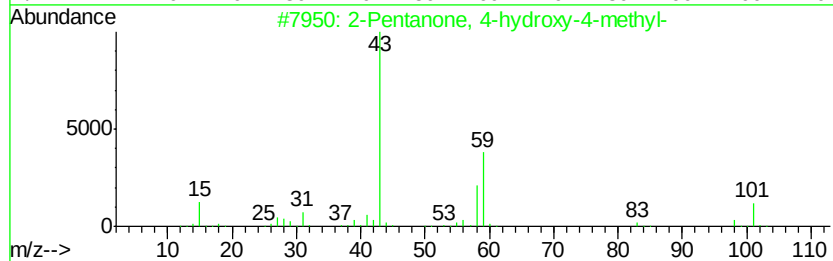
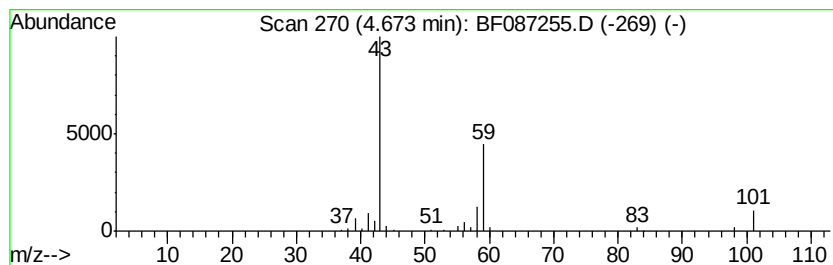
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 4.67      | 5.26 ng                             | 225285 | 1,4-Dichlorobenzene-d4 | 6.56        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    | 116    | C6H12O2                | 000123-42-2 | 56   |
| 2         | Acetic acid, 1,1-dimethylethyl e... | 116    | C6H12O2                | 000540-88-5 | 28   |
| 3         | 1-Propen-2-ol, acetate              | 100    | C5H8O2                 | 000108-22-5 | 10   |
| 4         | Butane                              | 58     | C4H10                  | 000106-97-8 | 9    |
| 5         | Diacetamide                         | 101    | C4H7NO2                | 000625-77-4 | 9    |



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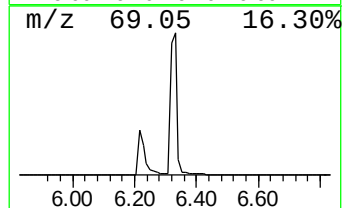
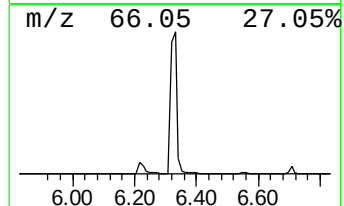
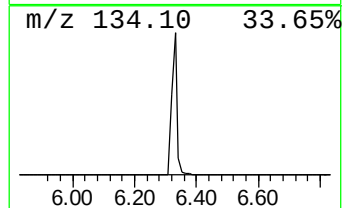
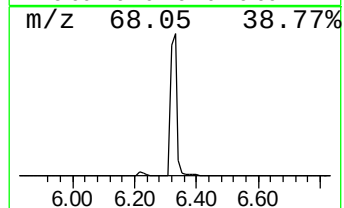
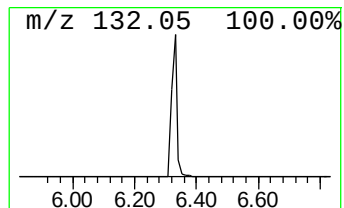
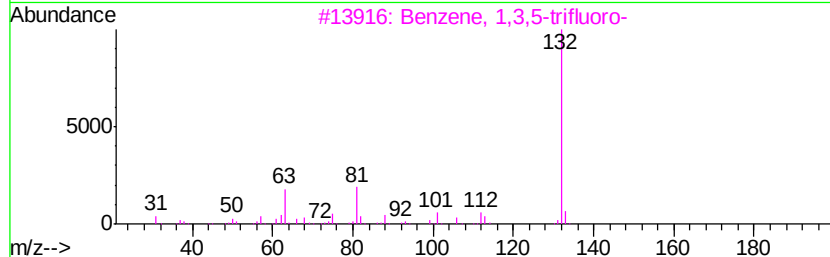
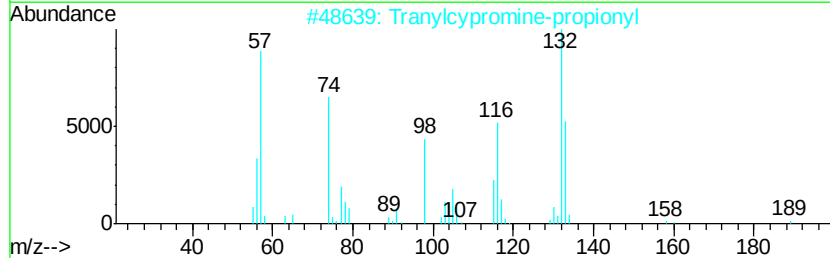
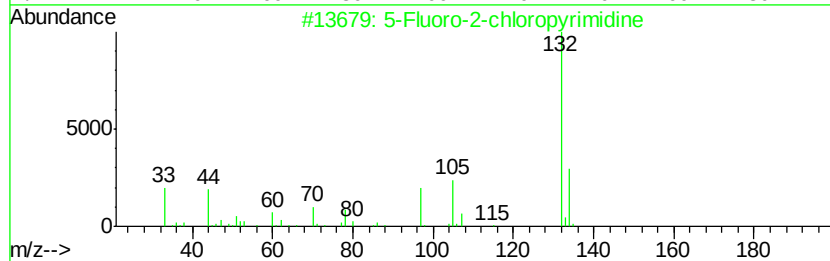
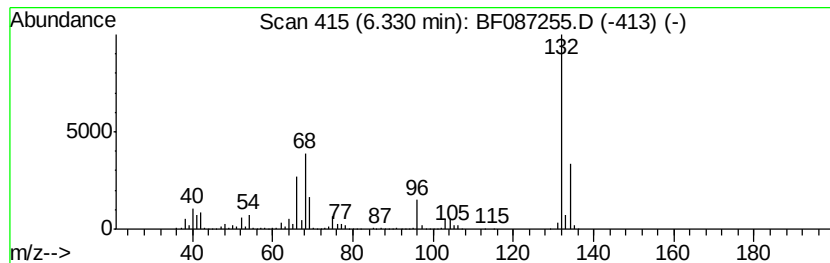
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Peak Number 3 unknown6.33 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.33 | 87.16 ng | 3735130 | 1,4-Dichlorobenzene-d4 | 6.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 2    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 3    |    | Benzene, 1,3,5-trifluoro-           | 132 | C6H3F3    | 000372-38-3  | 9    |
| 4    |    | Xenon                               | 132 | Xe        | 007440-63-3  | 9    |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.67 | 5.3     | ng    | 225285   | 1                     | 6.56 | 857025 | 20.0 |
| unknown6.33          | 6.33 | 87.2    | ng    | 3735130  | 1                     | 6.56 | 857025 | 20.0 |