

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050616\  
Data File : BF086758.D  
Acq On : 7 May 2016 7:34  
Operator : UM/SJ  
Sample : PB90336TB  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB90336TB

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-BF050416.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         | 4.910       | 244           | 247         | 253          | rBV      | 191677         | 400513        | 6.82%           | 0.884%        |
| 2         | 5.321       | 280           | 283         | 285          | rBV      | 3758161        | 5120520       | 87.15%          | 11.299%       |
| 3         | 5.721       | 316           | 318         | 330          | rVB      | 32306          | 63602         | 1.08%           | 0.140%        |
| 4         | 6.362       | 371           | 374         | 379          | rBV      | 4326267        | 4841599       | 82.40%          | 10.684%       |
| 5         | 6.476       | 382           | 384         | 387          | rBV      | 4875890        | 4802507       | 81.74%          | 10.597%       |
| 6         | 6.704       | 401           | 404         | 406          | rBV      | 1124923        | 1185003       | 20.17%          | 2.615%        |
| 7         | 6.853       | 415           | 417         | 420          | rBV      | 2972659        | 3879703       | 66.03%          | 8.561%        |
| 8         | 7.276       | 451           | 454         | 456          | rBV      | 3143503        | 3531097       | 60.10%          | 7.792%        |
| 9         | 7.985       | 514           | 516         | 519          | rBV      | 1248229        | 1507358       | 25.65%          | 3.326%        |
| 10        | 9.070       | 607           | 611         | 613          | rBV      | 4926717        | 5875531       | 100.00%         | 12.965%       |
| 11        | 9.733       | 666           | 669         | 672          | rBV2     | 1335303        | 1688514       | 28.74%          | 3.726%        |
| 12        | 10.533      | 736           | 739         | 741          | rBV2     | 2391304        | 3581551       | 60.96%          | 7.903%        |
| 13        | 11.219      | 796           | 799         | 801          | rBV      | 1733235        | 1653727       | 28.15%          | 3.649%        |
| 14        | 12.808      | 935           | 938         | 940          | rBV      | 4496222        | 5167008       | 87.94%          | 11.402%       |
| 15        | 13.848      | 1026          | 1029        | 1031         | rBV      | 989144         | 1151179       | 19.59%          | 2.540%        |
| 16        | 15.220      | 1147          | 1149        | 1156         | rBV      | 570394         | 868521        | 14.78%          | 1.917%        |

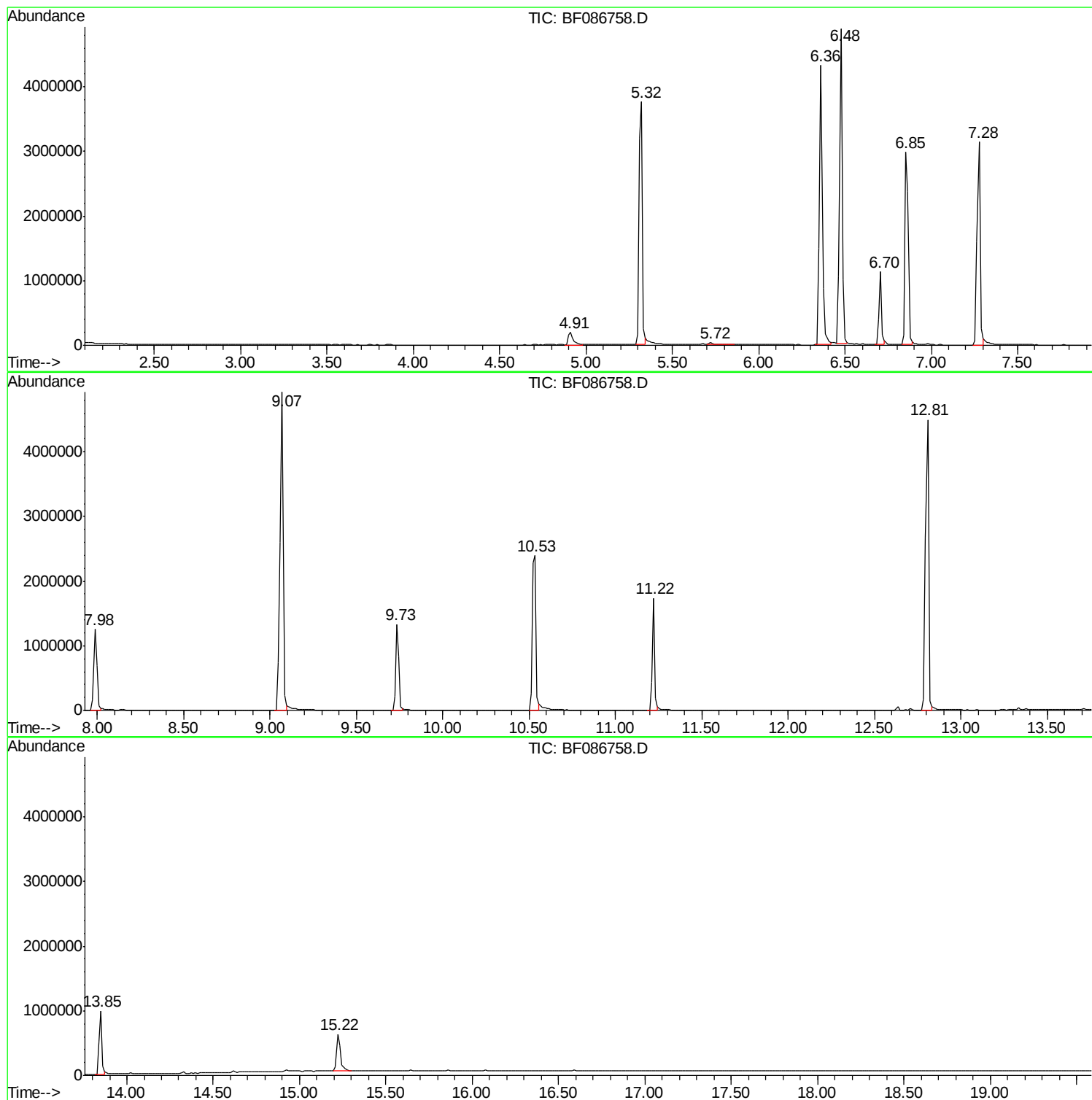
Sum of corrected areas: 45317933

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF050416.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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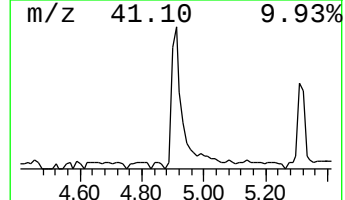
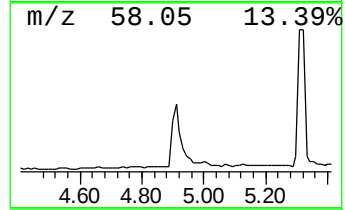
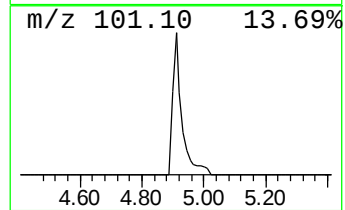
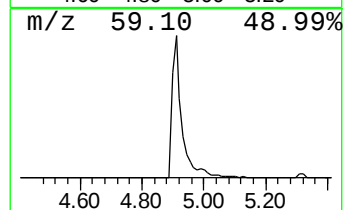
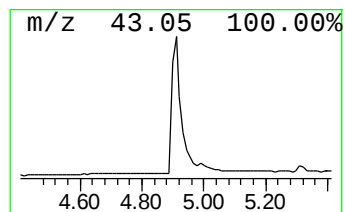
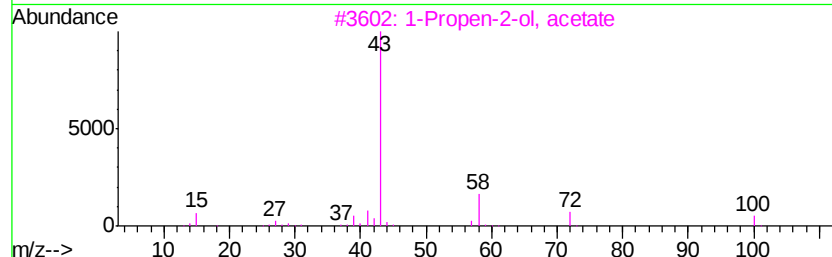
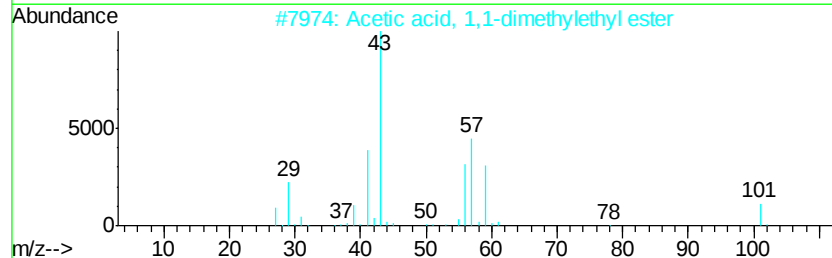
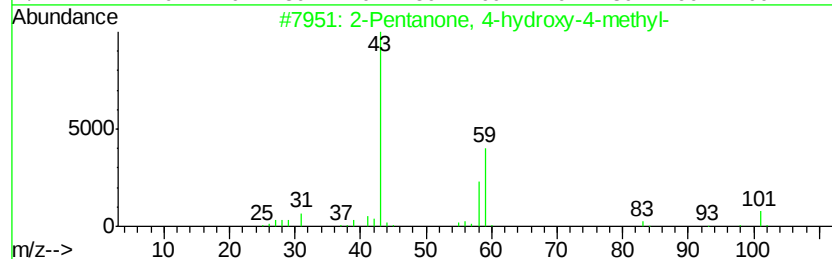
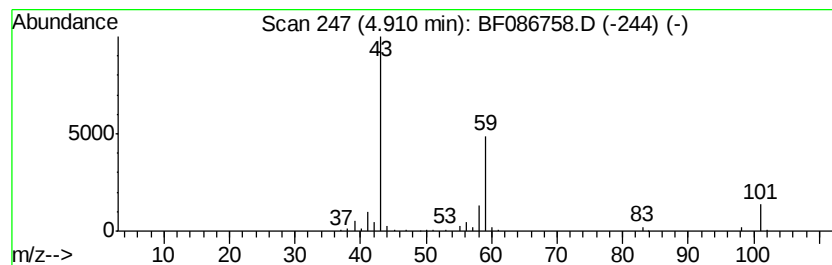
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.91 | 13.52 ng | 400513 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 50   |
| 2    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 23   |
| 3    |    | 1-Propen-2-ol, acetate              | 100 | C5H8O2  | 000108-22-5 | 10   |
| 4    |    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2 | 000057-71-6 | 9    |
| 5    |    | Diacetamide                         | 101 | C4H7NO2 | 000625-77-4 | 9    |



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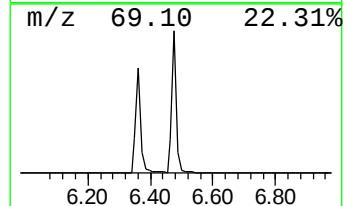
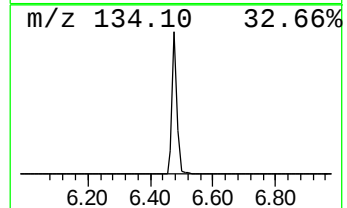
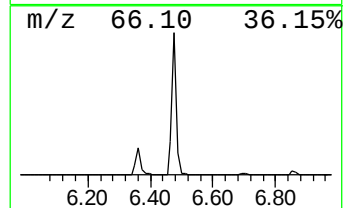
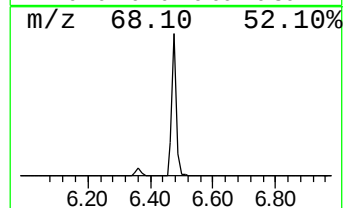
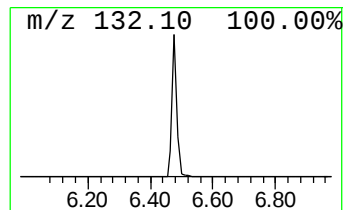
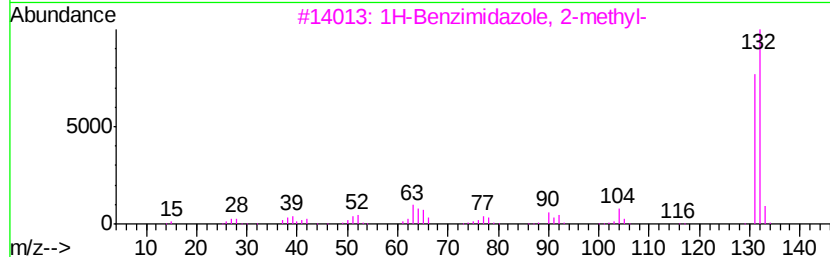
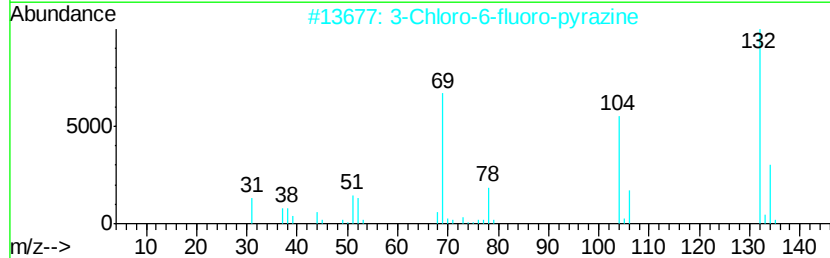
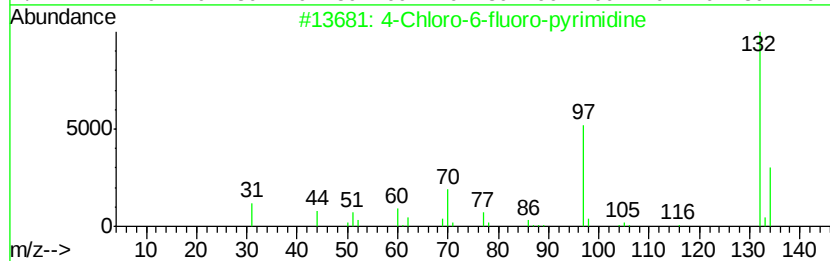
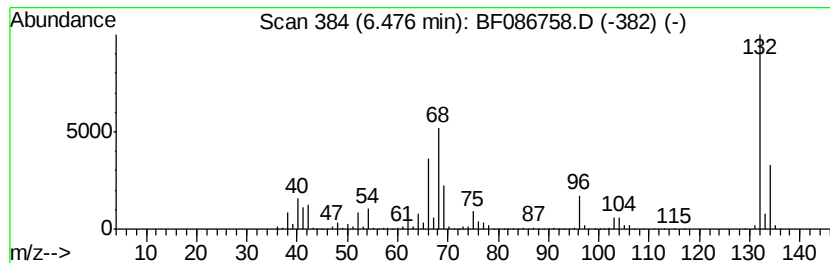
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Peak Number 2 unknown6.48 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 6.48 | 162.11 ng | 4802510 | 1,4-Dichlorobenzene-d4 | 6.70 |

| Hit# | of | Tentative ID                       | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine       | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine         | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 3    |    | 1H-Benzimidazole, 2-methyl-        | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | Tranylcypromine-propionyl          | 189 | C12H15NO  | 1000123-86-3 | 22   |
| 5    |    | Pyrazolo(2,3-a)pyridine, 7-methyl- | 132 | C8H8N2    | 034760-58-2  | 12   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | ---Internal Standard--- |      |         |      |
|----------------------|------|---------|-------|----------|-------------------------|------|---------|------|
|                      |      |         |       |          | #                       | RT   | Resp    | Conc |
| 2-Pentanone, 4-hy... | 4.91 | 13.5    | ng    | 400513   | 1                       | 6.70 | 1185000 | 40.0 |
| unknown6.48          | 6.48 | 162.1   | ng    | 4802510  | 1                       | 6.70 | 1185000 | 40.0 |