

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF022317\  
 Data File : BF093141.D  
 Acq On : 24 Feb 2017 10:11  
 Operator : SJ/MA  
 Sample : I1939-02  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 021717-PRRT-E-U-M

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-BF013017.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         | 5.001       | 253           | 255         | 263          | rBV      | 240281         | 376929        | 9.62%           | 1.583%        |
| 2         | 5.436       | 291           | 293         | 295          | rBV      | 801811         | 1148873       | 29.33%          | 4.824%        |
| 3         | 6.476       | 382           | 384         | 393          | rBV      | 767190         | 833006        | 21.27%          | 3.498%        |
| 4         | 6.601       | 393           | 395         | 398          | rBV      | 1989793        | 2099875       | 53.61%          | 8.818%        |
| 5         | 6.842       | 413           | 416         | 418          | rBV      | 821361         | 895075        | 22.85%          | 3.758%        |
| 6         | 6.990       | 427           | 429         | 432          | rBV      | 2401263        | 3034518       | 77.47%          | 12.742%       |
| 7         | 7.413       | 463           | 466         | 468          | rBV      | 2018089        | 2641069       | 67.43%          | 11.090%       |
| 8         | 8.122       | 526           | 528         | 531          | rBV      | 1188704        | 1080274       | 27.58%          | 4.536%        |
| 9         | 9.196       | 620           | 622         | 625          | rBV      | 2768824        | 3916834       | 100.00%         | 16.447%       |
| 10        | 9.596       | 655           | 657         | 659          | rBV      | 90183          | 76484         | 1.95%           | 0.321%        |
| 11        | 9.882       | 679           | 682         | 684          | rBV      | 727631         | 994884        | 25.40%          | 4.178%        |
| 12        | 10.659      | 748           | 750         | 753          | rBV2     | 827824         | 1128707       | 28.82%          | 4.740%        |
| 13        | 10.773      | 759           | 760         | 765          | rVB      | 49845          | 80533         | 2.06%           | 0.338%        |
| 14        | 11.356      | 809           | 811         | 814          | rBV      | 829346         | 810905        | 20.70%          | 3.405%        |
| 15        | 12.945      | 947           | 950         | 952          | rBV      | 2850034        | 2668015       | 68.12%          | 11.203%       |
| 16        | 13.848      | 1026          | 1029        | 1035         | rBV3     | 31819          | 76646         | 1.96%           | 0.322%        |
| 17        | 13.997      | 1039          | 1042        | 1045         | rBV      | 913135         | 842419        | 21.51%          | 3.537%        |
| 18        | 15.425      | 1164          | 1167        | 1172         | rBV      | 603381         | 771788        | 19.70%          | 3.241%        |
| 19        | 15.848      | 1201          | 1204        | 1209         | rBV      | 28953          | 49857         | 1.27%           | 0.209%        |
| 20        | 16.317      | 1242          | 1245        | 1250         | rBV      | 41767          | 76095         | 1.94%           | 0.320%        |
| 21        | 16.865      | 1290          | 1293        | 1299         | rBV      | 27517          | 62976         | 1.61%           | 0.264%        |
| 22        | 17.517      | 1347          | 1350        | 1355         | rVB2     | 24191          | 60194         | 1.54%           | 0.253%        |
| 23        | 18.294      | 1414          | 1418        | 1422         | rBV2     | 14884          | 40329         | 1.03%           | 0.169%        |
| 24        | 19.231      | 1494          | 1500        | 1505         | rBV3     | 12561          | 48510         | 1.24%           | 0.204%        |

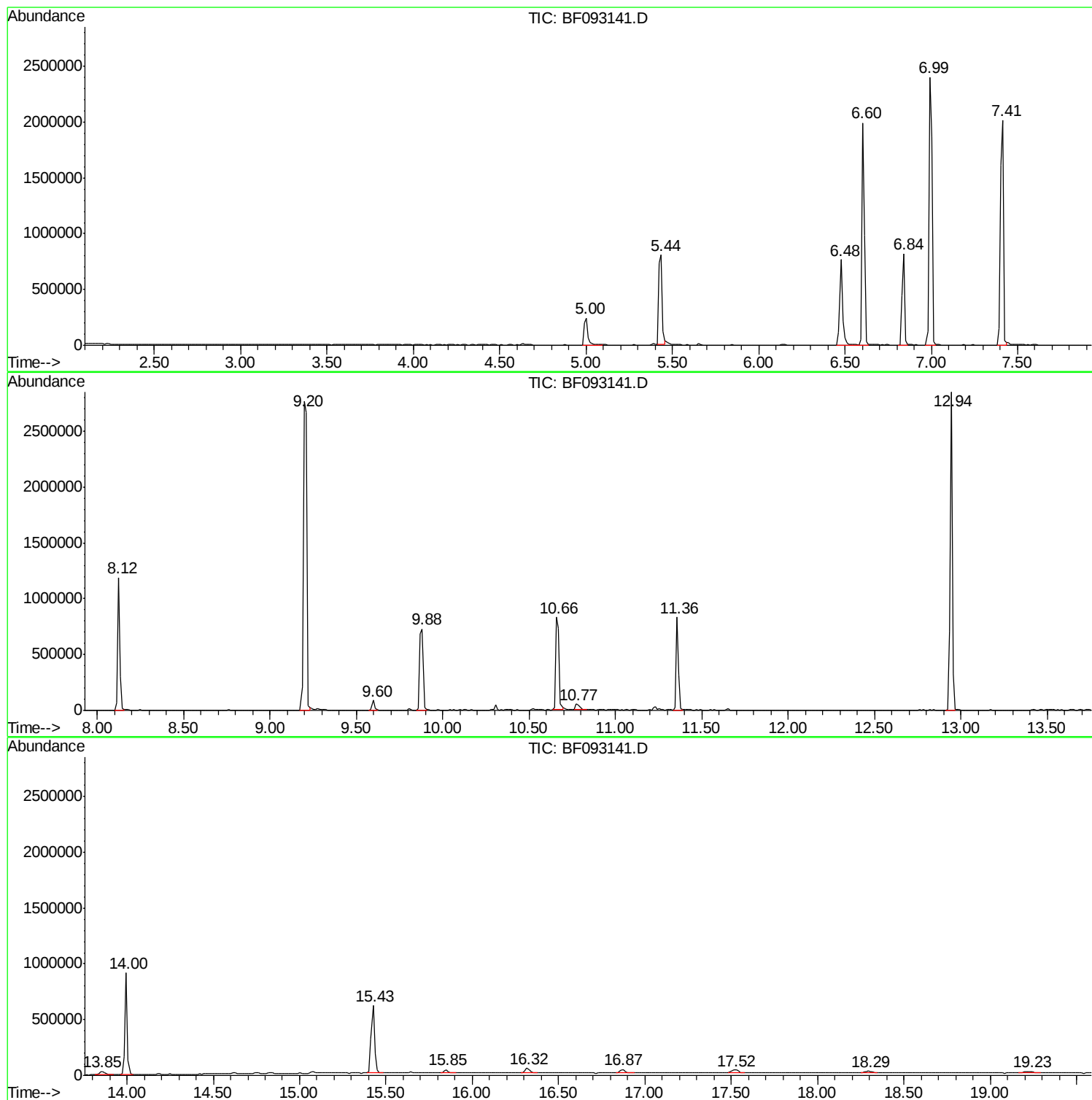
Sum of corrected areas: 23814795

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.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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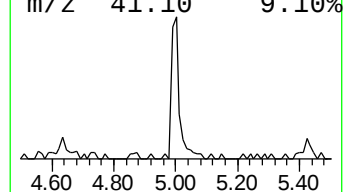
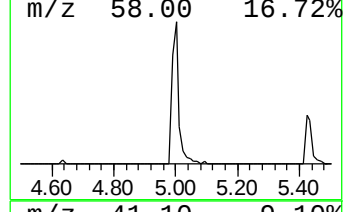
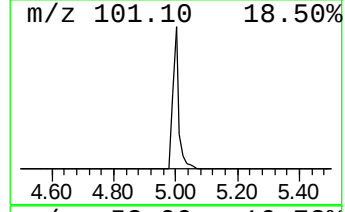
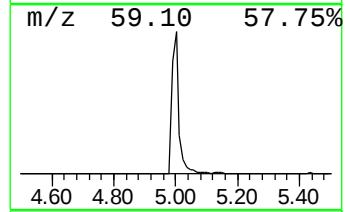
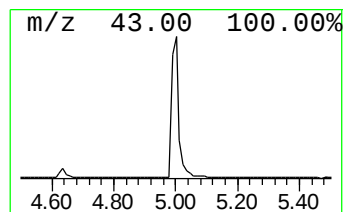
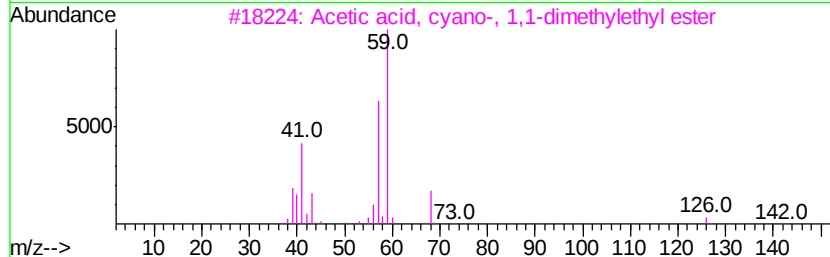
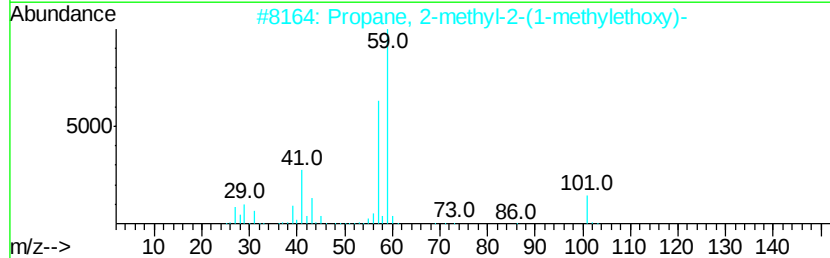
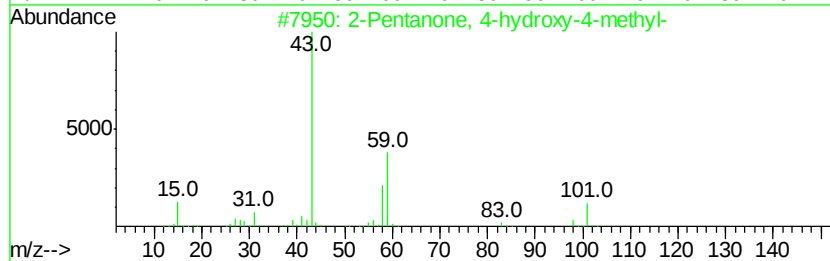
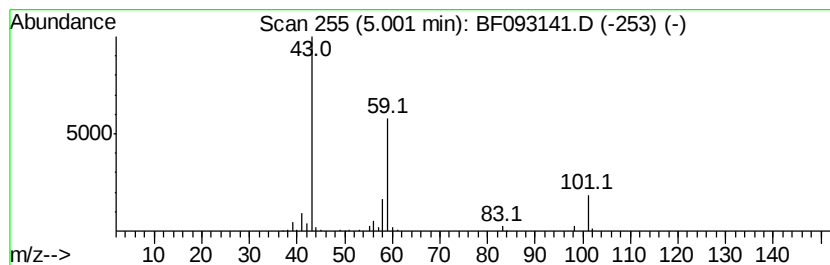
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.00 | 8.42 ng | 376929 | 1,4-Dichlorobenzene-d4 | 6.84 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    |   | Propane, 2-methyl-2-(1-methyleth...  | 116 | C7H16O   | 017348-59-3 | 33   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 32   |
| 4    |    |   | Morpholine, 4-methyl-                | 101 | C5H11NO  | 000109-02-4 | 9    |
| 5    |    |   | 1,2-Butanediol, (+/-)-               | 90  | C4H10O2  | 026171-83-5 | 9    |



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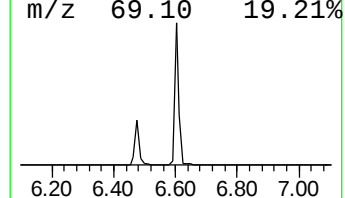
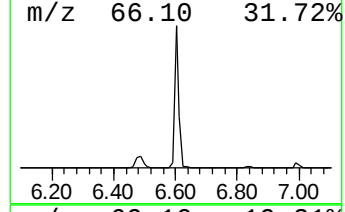
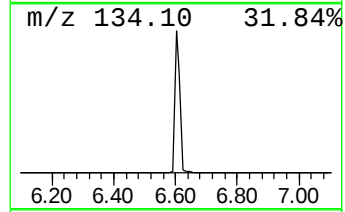
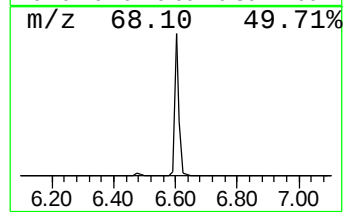
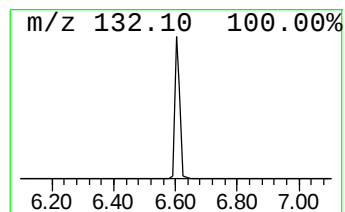
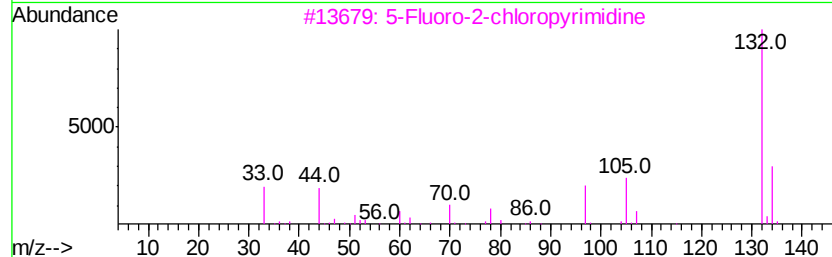
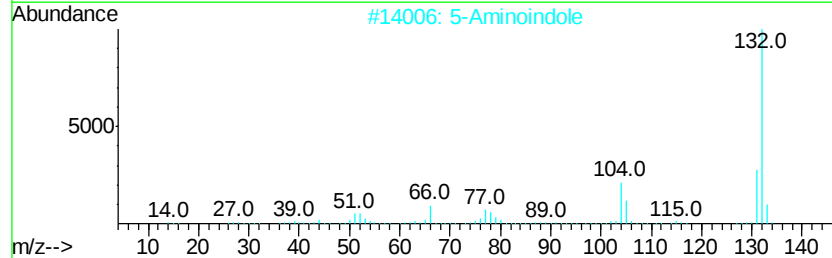
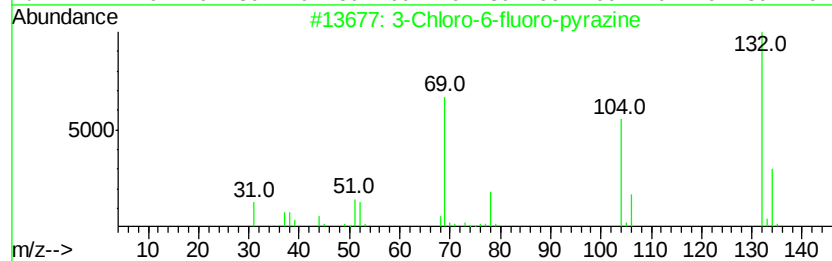
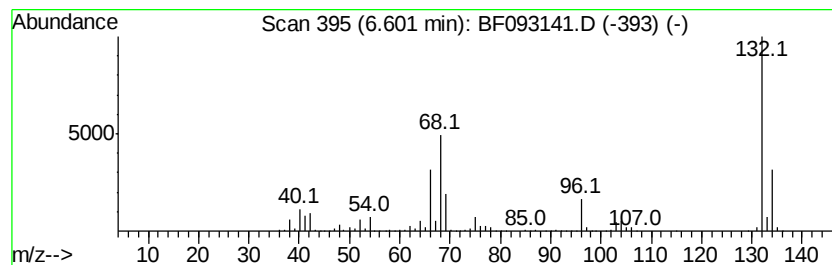
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Peak Number 2 unknown6.60 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.60 | 46.92 ng | 2099880 | 1,4-Dichlorobenzene-d4 | 6.84 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|---|----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    |   | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 27   |
| 3    |    |   | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 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 Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.00 | 8.4     | ng    | 376929   | 1                     | 6.84 | 895075 | 20.0 |
| unknown6.60          | 6.60 | 46.9    | ng    | 2099880  | 1                     | 6.84 | 895075 | 20.0 |