

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\  
 Data File : BG043216.D  
 Acq On : 15 Oct 2019 13:26  
 Operator : JU  
 Sample : PB123928BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB123928BL

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:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG092519.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         | 3.142       | 4             | 9           | 20           | rVB5     | 21333          | 52928         | 1.23%           | 0.260%        |
| 2         | 5.634       | 426           | 433         | 448          | rBV      | 843836         | 1459138       | 33.79%          | 7.161%        |
| 3         | 7.226       | 695           | 704         | 723          | rBV      | 894631         | 1645685       | 38.11%          | 8.077%        |
| 4         | 7.590       | 758           | 766         | 783          | rBV      | 922917         | 1617178       | 37.45%          | 7.937%        |
| 5         | 8.048       | 837           | 844         | 853          | rBV      | 172386         | 319537        | 7.40%           | 1.568%        |
| 6         | 8.377       | 892           | 900         | 913          | rBV      | 683512         | 1262191       | 29.23%          | 6.195%        |
| 7         | 9.212       | 1034          | 1042        | 1058         | rBV      | 483754         | 979849        | 22.69%          | 4.809%        |
| 8         | 10.857      | 1314          | 1322        | 1337         | rBV      | 192226         | 416098        | 9.64%           | 2.042%        |
| 9         | 13.301      | 1731          | 1738        | 1755         | rBV      | 1545423        | 2610309       | 60.45%          | 12.811%       |
| 10        | 14.676      | 1964          | 1972        | 1984         | rBV2     | 361358         | 644100        | 14.92%          | 3.161%        |
| 11        | 16.162      | 2218          | 2225        | 2244         | rBV      | 1263539        | 2198477       | 50.91%          | 10.790%       |
| 12        | 17.420      | 2431          | 2439        | 2452         | rBV2     | 440578         | 803937        | 18.62%          | 3.946%        |
| 13        | 20.029      | 2877          | 2883        | 2900         | rBV      | 3046552        | 4317992       | 100.00%         | 21.193%       |
| 14        | 21.691      | 3159          | 3166        | 3182         | rBV      | 499946         | 993399        | 23.01%          | 4.876%        |
| 15        | 24.917      | 3704          | 3715        | 3737         | rBV3     | 319921         | 1054184       | 24.41%          | 5.174%        |

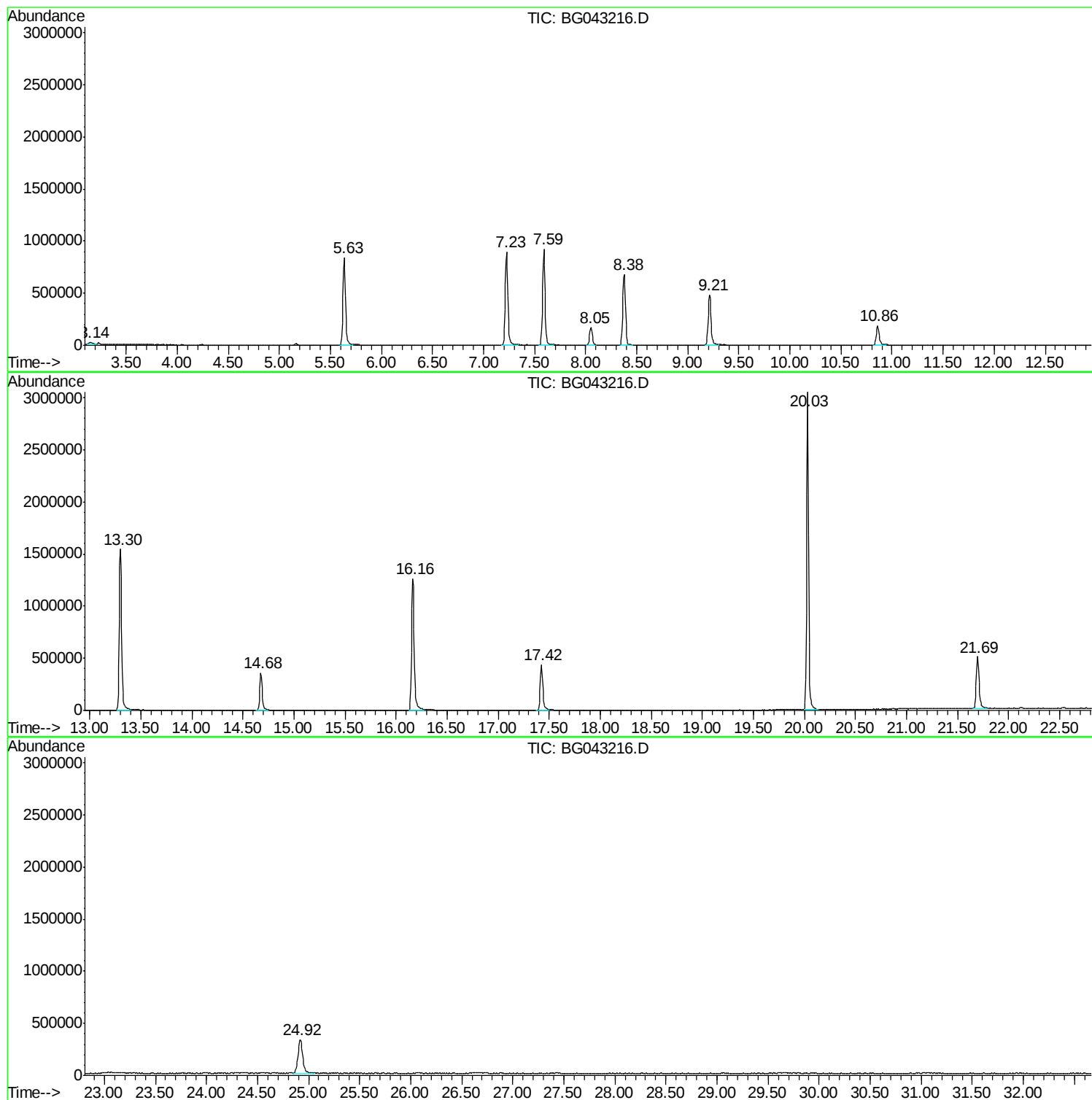
Sum of corrected areas: 20375002

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



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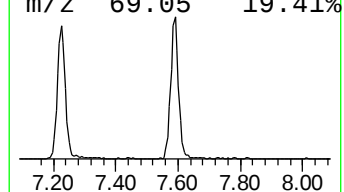
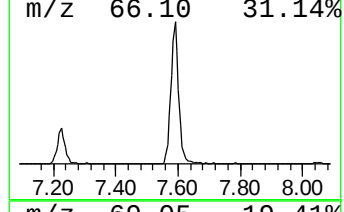
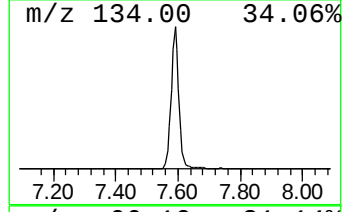
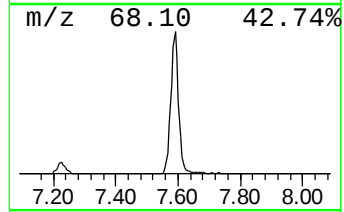
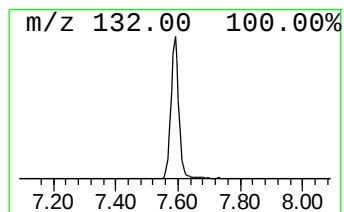
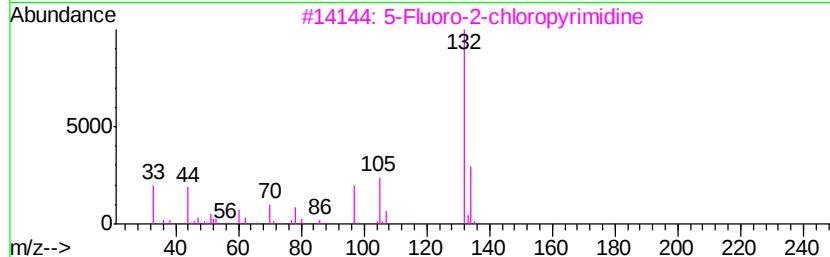
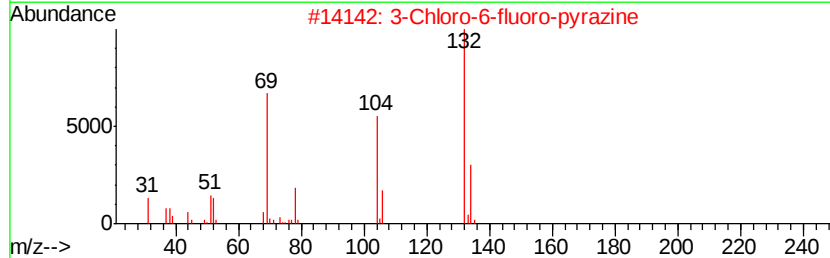
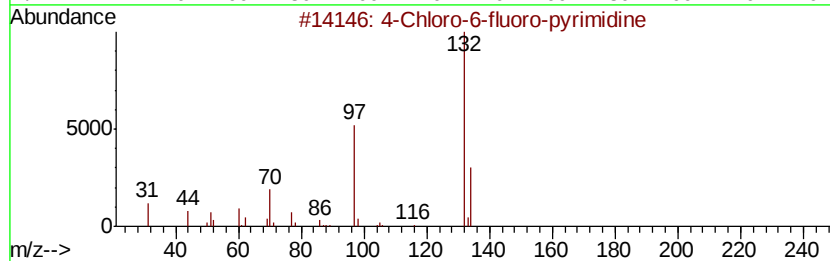
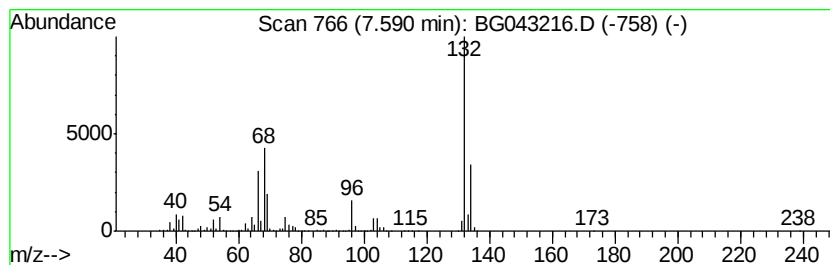
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown7.59 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.59 | 101.22 ng | 1617180 | 1,4-Dichlorobenzene-d4 | 8.05 |

| 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    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 27   |
| 4    |    | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 17   |
| 5    |    | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 12   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown7.59      | 7.59 | 101.2   | ng    | 1617180  | 1                     | 8.05 | 319537 | 20.0 |