

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\  
 Data File : BG033832.D  
 Acq On : 17 Apr 2018 2:17  
 Operator : SJ/JU  
 Sample : J2391-08  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 041218-JETB-E-D-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\_G\METHODS\8270-BG031918.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         | 3.471       | 25            | 31          | 39           | rBV3     | 48151          | 91825         | 2.48%           | 0.797%        |
| 2         | 6.303       | 506           | 513         | 516          | rBV5     | 31134          | 72666         | 1.96%           | 0.631%        |
| 3         | 8.024       | 796           | 806         | 808          | rBV5     | 19083          | 52018         | 1.41%           | 0.452%        |
| 4         | 8.377       | 858           | 866         | 879          | rBV2     | 114332         | 400306        | 10.82%          | 3.475%        |
| 5         | 8.864       | 941           | 949         | 960          | rBV4     | 36836          | 128857        | 3.48%           | 1.119%        |
| 6         | 9.182       | 996           | 1003        | 1017         | rBV      | 283415         | 713942        | 19.30%          | 6.198%        |
| 7         | 10.063      | 1145          | 1153        | 1179         | rBV2     | 141800         | 616546        | 16.67%          | 5.353%        |
| 8         | 11.737      | 1431          | 1438        | 1451         | rBV      | 71345          | 211188        | 5.71%           | 1.833%        |
| 9         | 14.094      | 1832          | 1839        | 1862         | rBV      | 811347         | 1786944       | 48.31%          | 15.514%       |
| 10        | 15.468      | 2067          | 2073        | 2087         | rBV3     | 189551         | 408957        | 11.06%          | 3.550%        |
| 11        | 16.943      | 2317          | 2324        | 2343         | rBV      | 508288         | 1174618       | 31.76%          | 10.198%       |
| 12        | 17.078      | 2344          | 2347        | 2357         | rVB5     | 19671          | 38272         | 1.03%           | 0.332%        |
| 13        | 18.201      | 2531          | 2538        | 2554         | rBV2     | 297367         | 652540        | 17.64%          | 5.665%        |
| 14        | 20.721      | 2961          | 2967        | 2988         | rBV      | 2537781        | 3698560       | 100.00%         | 32.110%       |
| 15        | 22.548      | 3271          | 3278        | 3290         | rBV2     | 365784         | 753574        | 20.37%          | 6.542%        |
| 16        | 26.315      | 3908          | 3919        | 3930         | rBV2     | 204755         | 717600        | 19.40%          | 6.230%        |

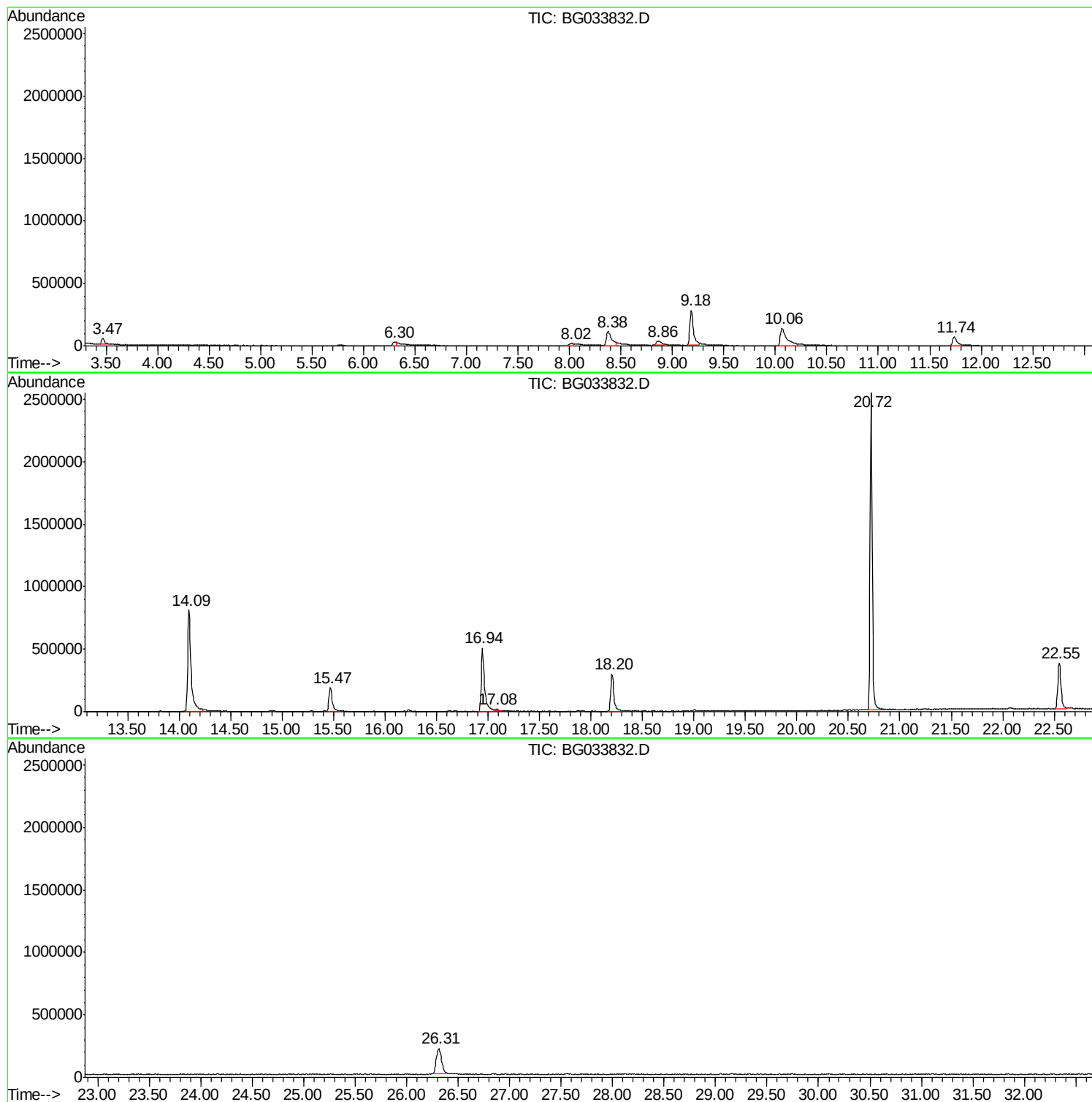
Sum of corrected areas: 11518413

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.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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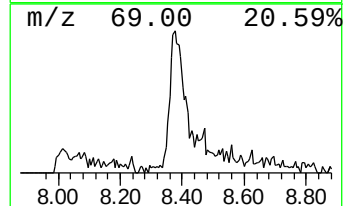
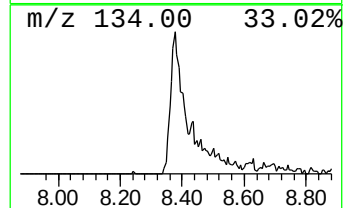
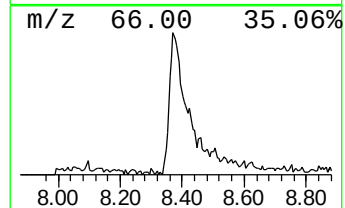
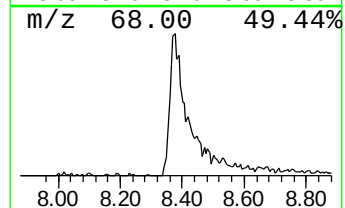
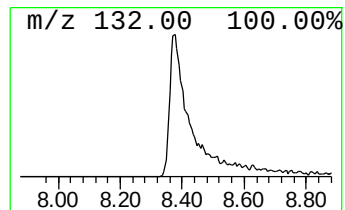
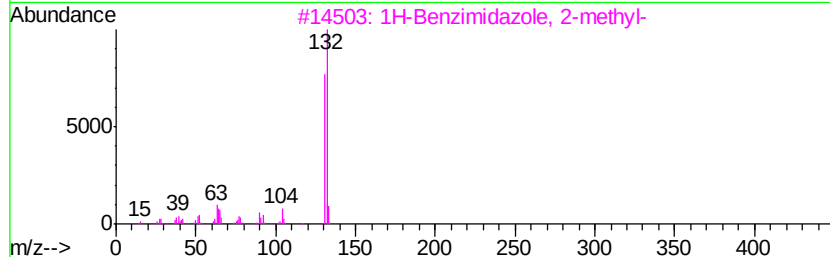
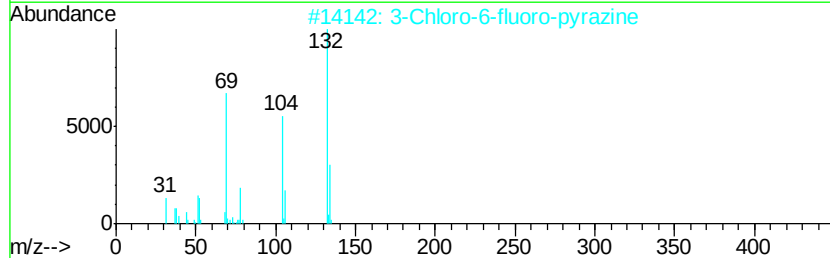
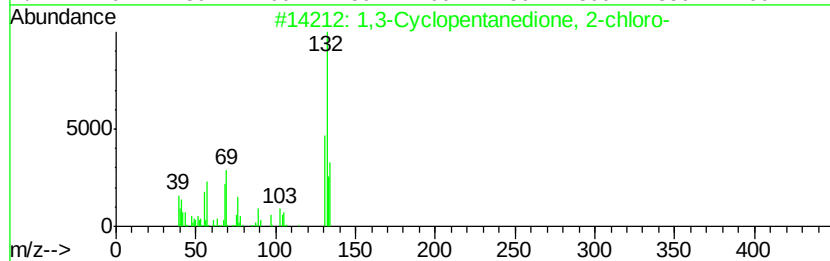
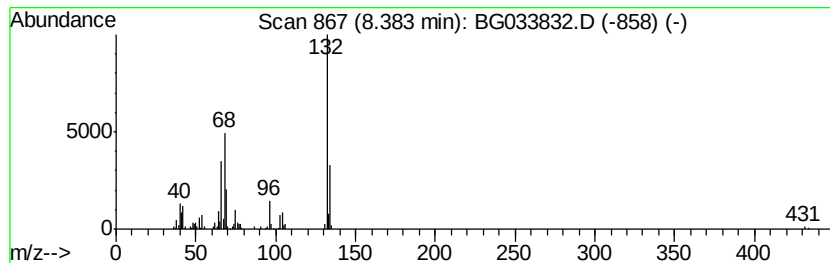
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Peak Number 2 unknown8.38 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 8.38 | 62.13 ng | 400306 | 1,4-Dichlorobenzene-d4 | 8.86 |

| Hit# | of | Tentative ID                       | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 1,3-Cyclopentanedione, 2-chloro-   | 132 | C5H5ClO2  | 014203-19-1  | 32   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine         | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 3    |    | 1H-Benzimidazole, 2-methyl-        | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | 5-Fluoro-2-chloropyrimidine        | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 5    |    | Pyrazolo(2,3-a)pyridine, 7-methyl- | 132 | C8H8N2    | 034760-58-2  | 10   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown8.38      | 8.38 | 62.1    | ng    | 400306   | 1                     | 8.86 | 128857 | 20.0 |