

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\  
 Data File : BG033841.D  
 Acq On : 17 Apr 2018 7:55  
 Operator : SJ/JU  
 Sample : J2392-03  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 041318-JETB-F-D-S

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         | 3.464       | 24            | 30          | 45           | rVB2     | 51215          | 108475        | 2.73%           | 0.869%        |
| 2         | 6.302       | 504           | 513         | 522          | rBV4     | 36684          | 129327        | 3.26%           | 1.036%        |
| 3         | 8.035       | 795           | 808         | 809          | rBV6     | 18794          | 54622         | 1.38%           | 0.438%        |
| 4         | 8.376       | 857           | 866         | 881          | rBV3     | 123118         | 453496        | 11.42%          | 3.634%        |
| 5         | 8.857       | 942           | 948         | 962          | rBV3     | 38611          | 147053        | 3.70%           | 1.178%        |
| 6         | 9.181       | 996           | 1003        | 1028         | rBV2     | 312897         | 854965        | 21.54%          | 6.851%        |
| 7         | 10.062      | 1146          | 1153        | 1169         | rBV2     | 150583         | 593827        | 14.96%          | 4.758%        |
| 8         | 11.736      | 1431          | 1438        | 1456         | rBV      | 71437          | 236388        | 5.95%           | 1.894%        |
| 9         | 14.092      | 1833          | 1839        | 1860         | rBV      | 873396         | 2005579       | 50.52%          | 16.071%       |
| 10        | 14.892      | 1968          | 1975        | 1987         | rBV2     | 17063          | 42888         | 1.08%           | 0.344%        |
| 11        | 15.467      | 2067          | 2073        | 2086         | rBV2     | 205144         | 425076        | 10.71%          | 3.406%        |
| 12        | 16.948      | 2317          | 2325        | 2346         | rBV      | 531015         | 1262663       | 31.81%          | 10.118%       |
| 13        | 17.083      | 2346          | 2348        | 2359         | rVB4     | 22057          | 42241         | 1.06%           | 0.338%        |
| 14        | 18.205      | 2531          | 2539        | 2553         | rBV2     | 272455         | 634593        | 15.99%          | 5.085%        |
| 15        | 20.726      | 2961          | 2968        | 2983         | rBV      | 2576420        | 3969743       | 100.00%         | 31.811%       |
| 16        | 22.547      | 3272          | 3278        | 3289         | rBV      | 344996         | 735358        | 18.52%          | 5.893%        |
| 17        | 24.398      | 3588          | 3593        | 3601         | rVB4     | 21058          | 47012         | 1.18%           | 0.377%        |
| 18        | 26.313      | 3908          | 3919        | 3937         | rVB2     | 190332         | 735989        | 18.54%          | 5.898%        |

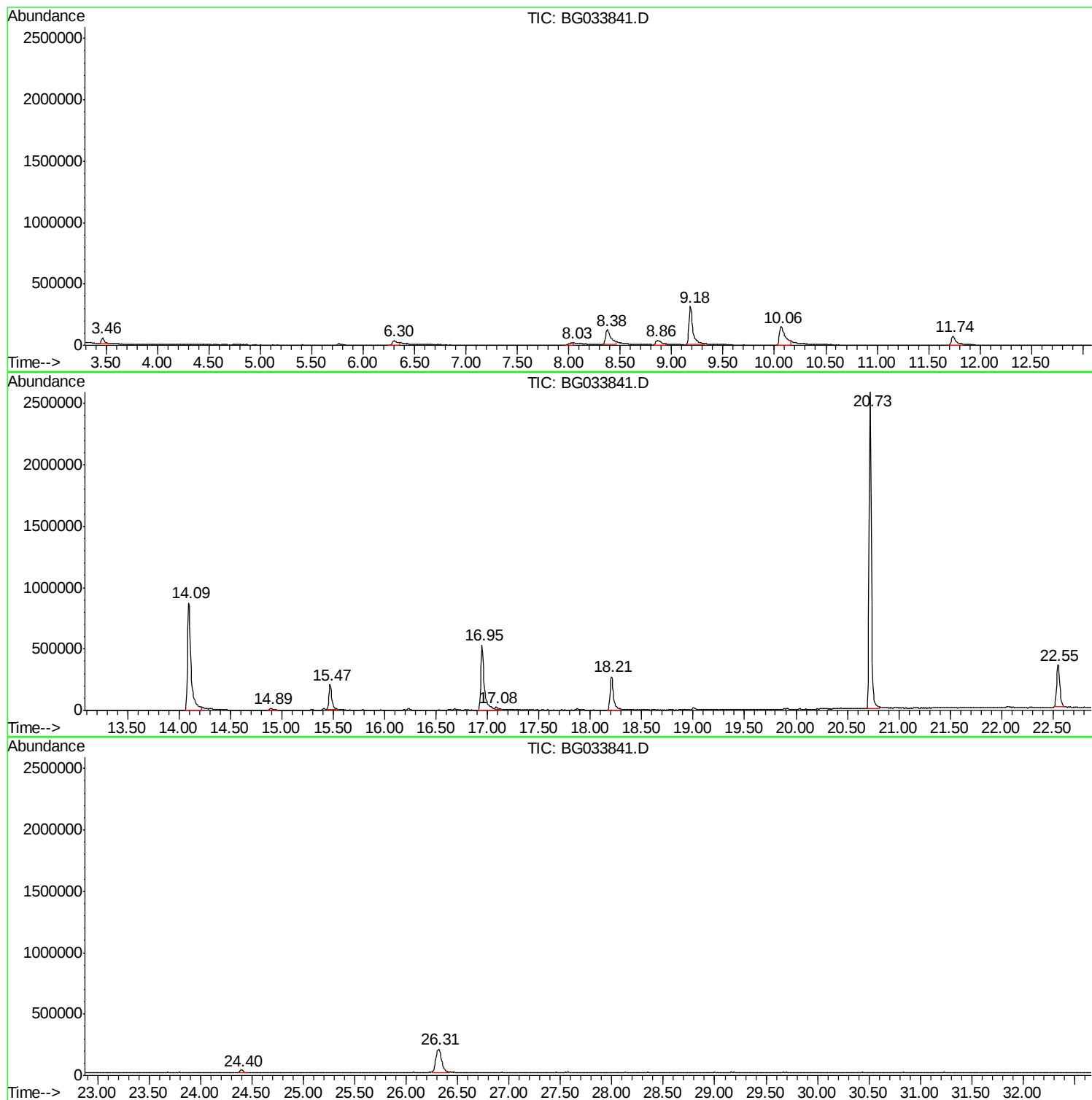
Sum of corrected areas: 12479295

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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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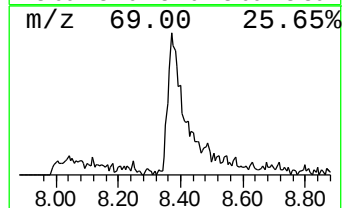
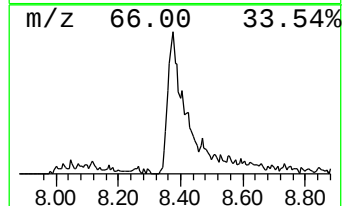
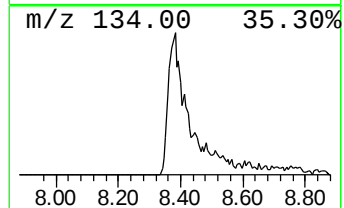
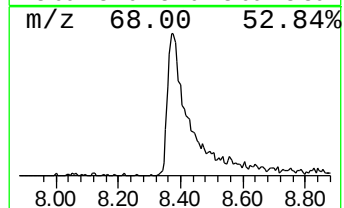
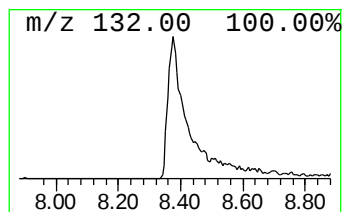
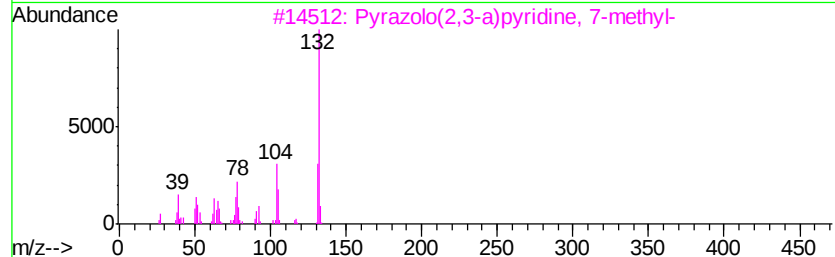
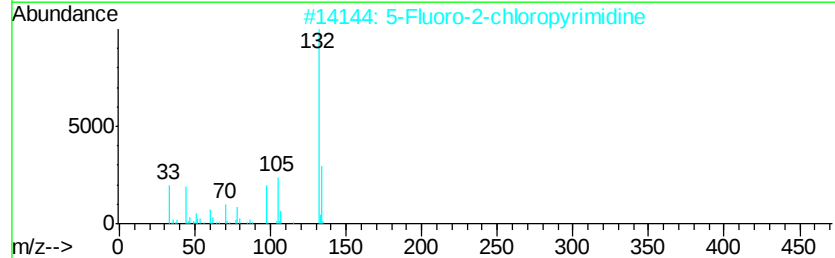
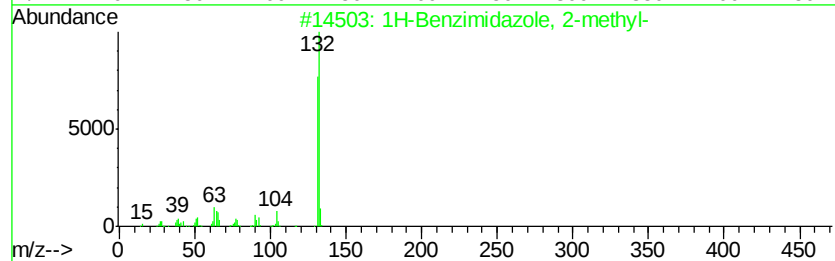
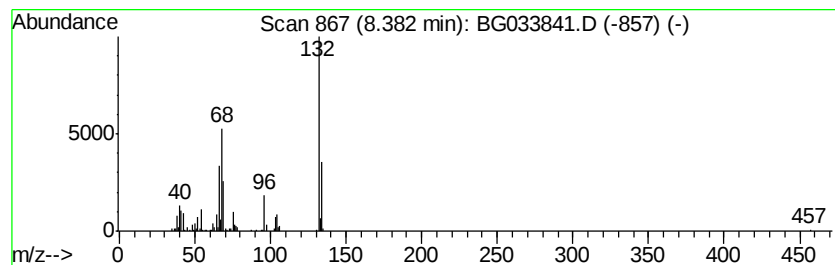
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Peak Number 2 unknown8.38 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 8.38 | 61.68 ng | 453496 | 1,4-Dichlorobenzene-d4 | 8.86 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 1H-Benzimidazole, 2-methyl-         | 132 | C8H8N2     | 000615-15-6  | 14   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2  | 062802-42-0  | 14   |
| 3    |    | Pyrazolo(2,3-a)pyridine, 7-methyl-  | 132 | C8H8N2     | 034760-58-2  | 14   |
| 4    |    | 3H-Benzo[4,5]imidazo[1,2-c]oxazo... | 218 | C12H14N2O2 | 1000316-99-9 | 10   |
| 5    |    | 2-Benzyl-1-(4-methylbenzenesulfo... | 315 | C17H17N03S | 082380-64-1  | 10   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown8.38      | 8.38 | 61.7    | ng    | 453496   | 1                     | 8.86 | 147053 | 20.0 |