

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\  
 Data File : BG036390.D  
 Acq On : 23 Aug 2018 23:26  
 Operator : JU/SJ  
 Sample : J4522-02  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-4

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-BG082318.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         | 5.633       | 390           | 399         | 411          | rBV      | 602501         | 947797        | 17.93%          | 4.190%        |
| 2         | 7.219       | 659           | 669         | 676          | rBV      | 376267         | 646930        | 12.24%          | 2.860%        |
| 3         | 7.601       | 724           | 734         | 742          | rBV      | 1026413        | 1768184       | 33.45%          | 7.817%        |
| 4         | 8.071       | 807           | 814         | 821          | rVB      | 197503         | 332793        | 6.30%           | 1.471%        |
| 5         | 8.394       | 861           | 869         | 877          | rBV      | 925459         | 1586890       | 30.02%          | 7.016%        |
| 6         | 9.229       | 1000          | 1011        | 1020         | rBV      | 785228         | 1418295       | 26.83%          | 6.270%        |
| 7         | 10.874      | 1283          | 1291        | 1301         | rVB      | 269782         | 487094        | 9.21%           | 2.153%        |
| 8         | 13.318      | 1700          | 1707        | 1720         | rVB      | 2080540        | 3321359       | 62.83%          | 14.684%       |
| 9         | 14.140      | 1841          | 1847        | 1852         | rBV      | 109626         | 154602        | 2.92%           | 0.683%        |
| 10        | 14.693      | 1933          | 1941        | 1949         | rBV2     | 433211         | 690561        | 13.06%          | 3.053%        |
| 11        | 16.173      | 2186          | 2193        | 2207         | rBV      | 1720557        | 2680278       | 50.70%          | 11.849%       |
| 12        | 17.437      | 2400          | 2408        | 2418         | rVB      | 576069         | 917078        | 17.35%          | 4.054%        |
| 13        | 18.324      | 2555          | 2559        | 2567         | rBV3     | 48202          | 81460         | 1.54%           | 0.360%        |
| 14        | 20.045      | 2846          | 2852        | 2860         | rBV      | 4067918        | 5286060       | 100.00%         | 23.370%       |
| 15        | 21.367      | 3073          | 3077        | 3086         | rBV4     | 40218          | 89489         | 1.69%           | 0.396%        |
| 16        | 21.702      | 3127          | 3134        | 3141         | rBV      | 690756         | 1126141       | 21.30%          | 4.979%        |
| 17        | 24.922      | 3672          | 3682        | 3695         | rBV      | 385718         | 1084382       | 20.51%          | 4.794%        |

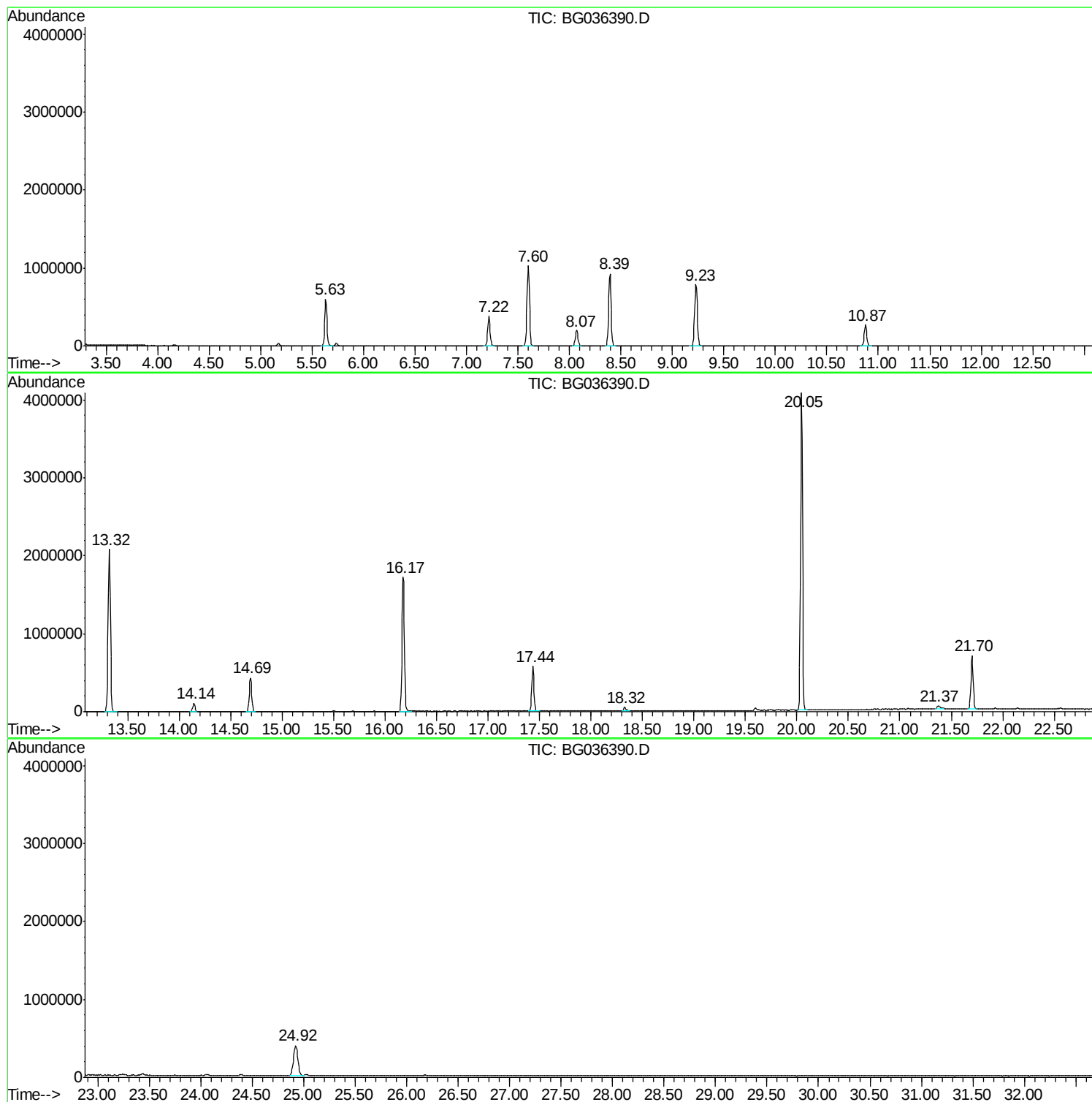
Sum of corrected areas: 22619393

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.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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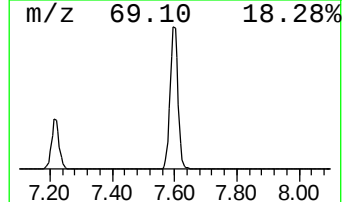
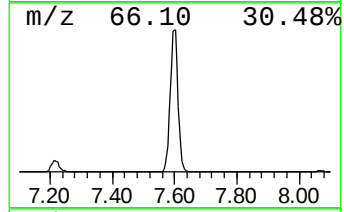
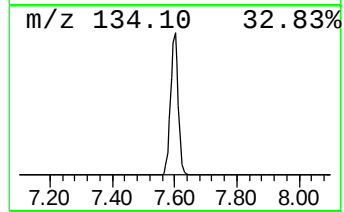
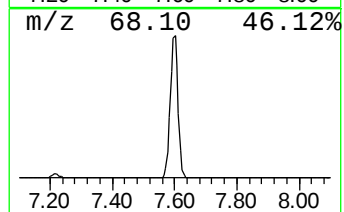
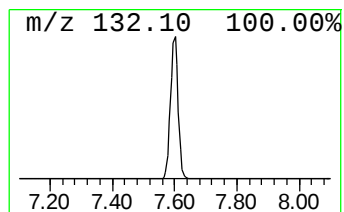
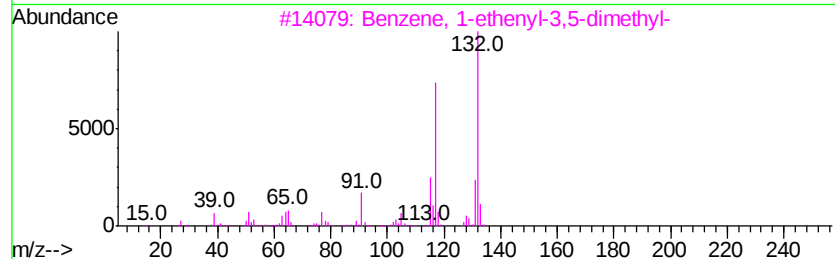
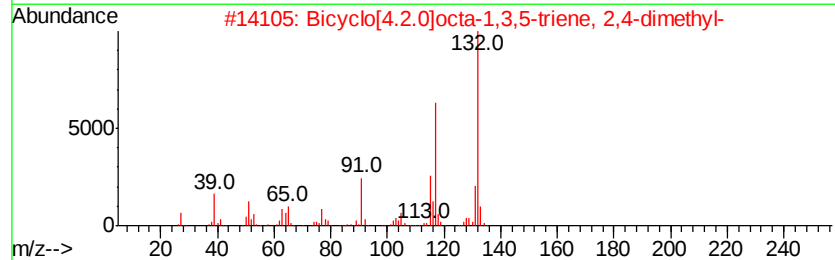
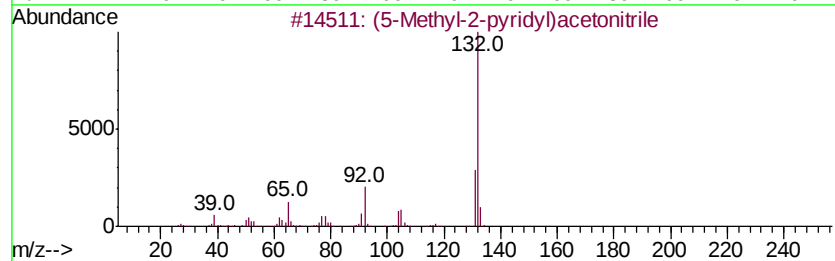
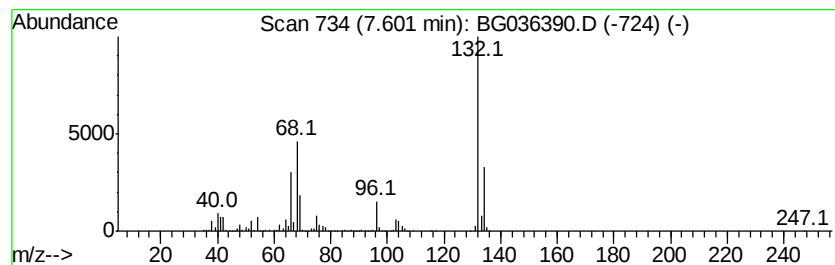
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.60 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.60 | 106.26 ng | 1768180 | 1,4-Dichlorobenzene-d4 | 8.07 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | (5-Methyl-2-pyridyl)acetonitrile    | 132 | C8H8N2    | 1000241-93-9 | 10   |
| 2    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 3    |    | Benzene, 1-ethenyl-3,5-dimethyl-    | 132 | C10H12    | 005379-20-4  | 9    |
| 4    |    | Xenon                               | 132 | Xe        | 007440-63-3  | 9    |
| 5    |    | 4-Chloro-2-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-00-5  | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown7.60      | 7.60 | 106.3   | ng    | 1768180  | 1                     | 8.07 | 332793 | 20.0 |