

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG062616\  
Data File : BG022612.D  
Acq On : 26 Jun 2016 16:04  
Operator : UM/SJ  
Sample : H3733-06  
Misc :  
ALS Vial : 67 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
MW-13

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-BG062516.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         | 5.708       | 479           | 488         | 501          | rBV      | 1040412        | 1726709       | 16.20%          | 3.470%        |
| 2         | 7.306       | 751           | 760         | 769          | rBV      | 727614         | 1256370       | 11.78%          | 2.525%        |
| 3         | 7.688       | 817           | 825         | 833          | rBV      | 1857705        | 3222459       | 30.23%          | 6.477%        |
| 4         | 8.164       | 898           | 906         | 913          | rBV      | 586626         | 1011048       | 9.48%           | 2.032%        |
| 5         | 8.487       | 952           | 961         | 971          | rBV      | 1615149        | 2829030       | 26.54%          | 5.686%        |
| 6         | 9.333       | 1097          | 1105        | 1114         | rBV      | 1469022        | 2621089       | 24.59%          | 5.268%        |
| 7         | 10.984      | 1377          | 1386        | 1395         | rBV      | 822550         | 1481464       | 13.90%          | 2.978%        |
| 8         | 13.422      | 1791          | 1801        | 1809         | rBV      | 3771695        | 6155391       | 57.74%          | 12.372%       |
| 9         | 14.797      | 2025          | 2035        | 2042         | rBV      | 1311552        | 2195905       | 20.60%          | 4.413%        |
| 10        | 16.283      | 2282          | 2288        | 2300         | rBV      | 3930077        | 6212959       | 58.28%          | 12.487%       |
| 11        | 17.553      | 2498          | 2504        | 2513         | rBV      | 1876836        | 2925980       | 27.45%          | 5.881%        |
| 12        | 19.691      | 2864          | 2868        | 2879         | rVB5     | 118409         | 183612        | 1.72%           | 0.369%        |
| 13        | 19.838      | 2890          | 2893        | 2899         | rVB5     | 89562          | 118056        | 1.11%           | 0.237%        |
| 14        | 20.155      | 2941          | 2947        | 2953         | rBV      | 7662038        | 10660964      | 100.00%         | 21.427%       |
| 15        | 21.848      | 3228          | 3235        | 3243         | rBV2     | 2055965        | 3577013       | 33.55%          | 7.189%        |
| 16        | 25.208      | 3795          | 3807        | 3821         | rBV      | 1165841        | 3576488       | 33.55%          | 7.188%        |

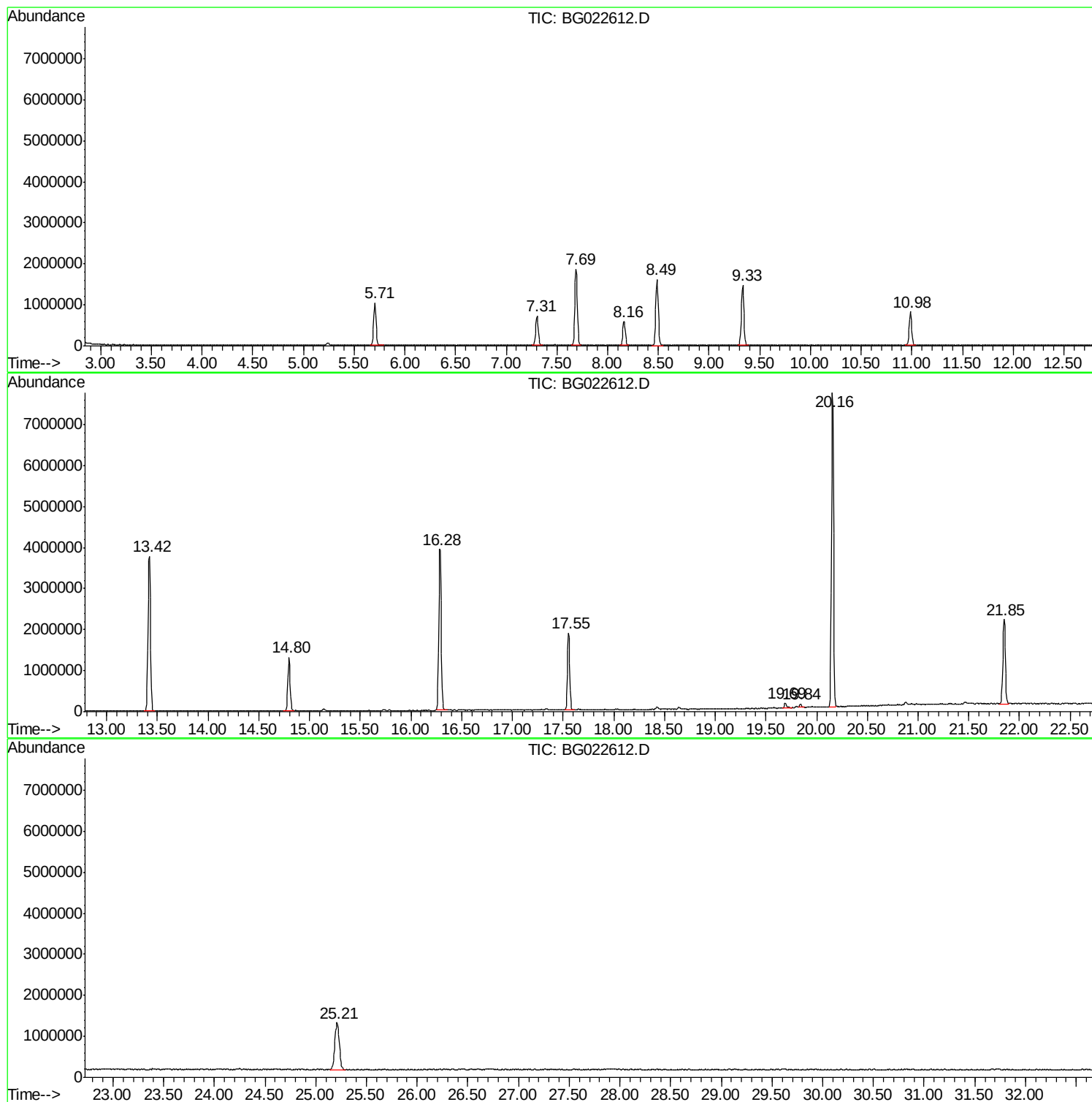
Sum of corrected areas: 49754537

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG062516.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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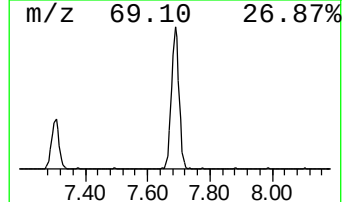
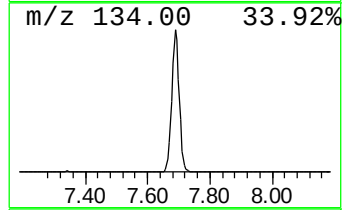
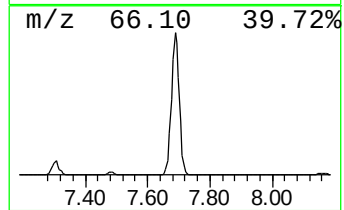
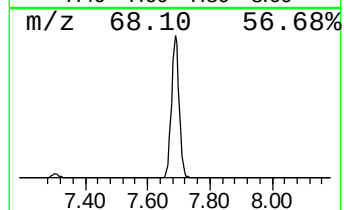
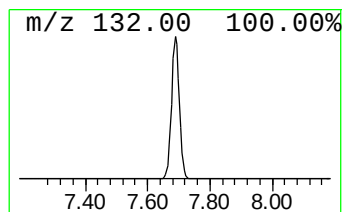
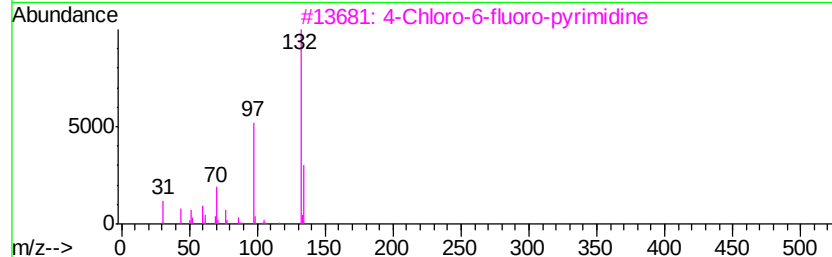
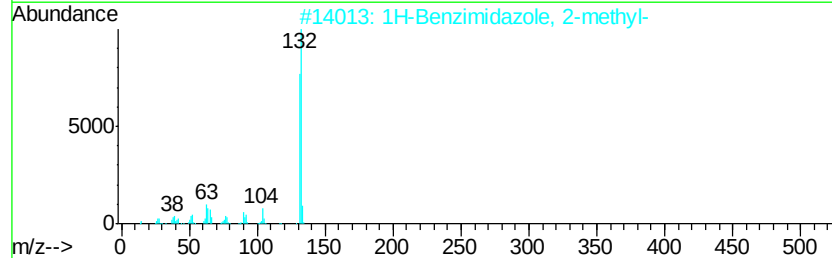
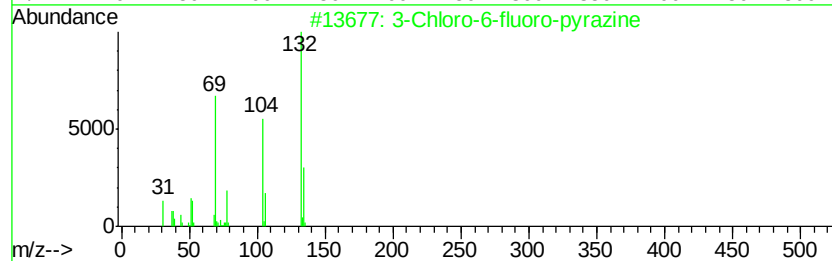
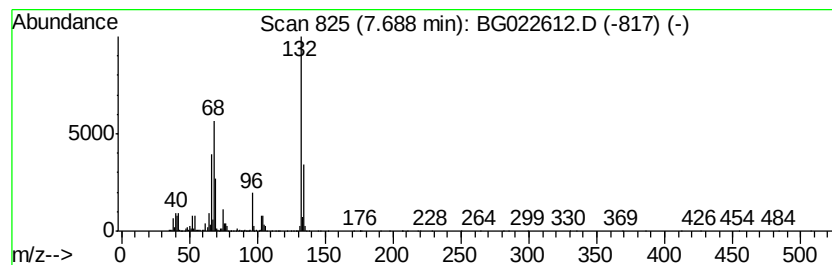
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown7.69 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.69 | 63.74 ng | 3222460 | 1,4-Dichlorobenzene-d4 | 8.16 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 14   |
| 2    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 14   |
| 3    |    | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 14   |
| 4    |    | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 10   |
| 5    |    | 1,2,3-Trifluorobenzene       | 132 | C6H3F3    | 001489-53-8  | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                  |      |         |       |          | #                     | RT   | Resp    | Conc |
| unknown7.69      | 7.69 | 63.7    | ng    | 3222460  | 1                     | 8.16 | 1011050 | 20.0 |