

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\  
 Data File : BG036062.D  
 Acq On : 2 Aug 2018 16:10  
 Operator : JU/SJ  
 Sample : PB111691BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB111691BL

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-BG071218.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         | 5.132       | 309           | 314         | 324          | rVB      | 78545          | 120203        | 3.99%           | 0.947%        |
| 2         | 5.602       | 387           | 394         | 410          | rBV      | 542075         | 905956        | 30.09%          | 7.139%        |
| 3         | 7.188       | 657           | 664         | 677          | rBV      | 516745         | 954448        | 31.70%          | 7.521%        |
| 4         | 7.558       | 720           | 727         | 737          | rBV      | 529831         | 942255        | 31.30%          | 7.425%        |
| 5         | 8.022       | 798           | 806         | 814          | rBV2     | 102710         | 180284        | 5.99%           | 1.421%        |
| 6         | 8.339       | 852           | 860         | 874          | rVB      | 403030         | 728905        | 24.21%          | 5.744%        |
| 7         | 9.179       | 995           | 1003        | 1018         | rBV      | 307417         | 601951        | 19.99%          | 4.743%        |
| 8         | 10.824      | 1275          | 1283        | 1293         | rBV      | 110537         | 226042        | 7.51%           | 1.781%        |
| 9         | 13.268      | 1691          | 1699        | 1711         | rBV      | 914302         | 1516552       | 50.37%          | 11.951%       |
| 10        | 14.648      | 1927          | 1934        | 1949         | rBV2     | 203992         | 376068        | 12.49%          | 2.963%        |
| 11        | 16.135      | 2180          | 2187        | 2201         | rBV      | 730931         | 1314218       | 43.65%          | 10.356%       |
| 12        | 17.392      | 2394          | 2401        | 2412         | rBV2     | 306258         | 551399        | 18.32%          | 4.345%        |
| 13        | 19.994      | 2838          | 2844        | 2856         | rBV      | 2185994        | 3010592       | 100.00%         | 23.724%       |
| 14        | 21.651      | 3119          | 3126        | 3138         | rBV      | 348894         | 665299        | 22.10%          | 5.243%        |
| 15        | 24.846      | 3660          | 3670        | 3687         | rBV2     | 186275         | 595913        | 19.79%          | 4.696%        |

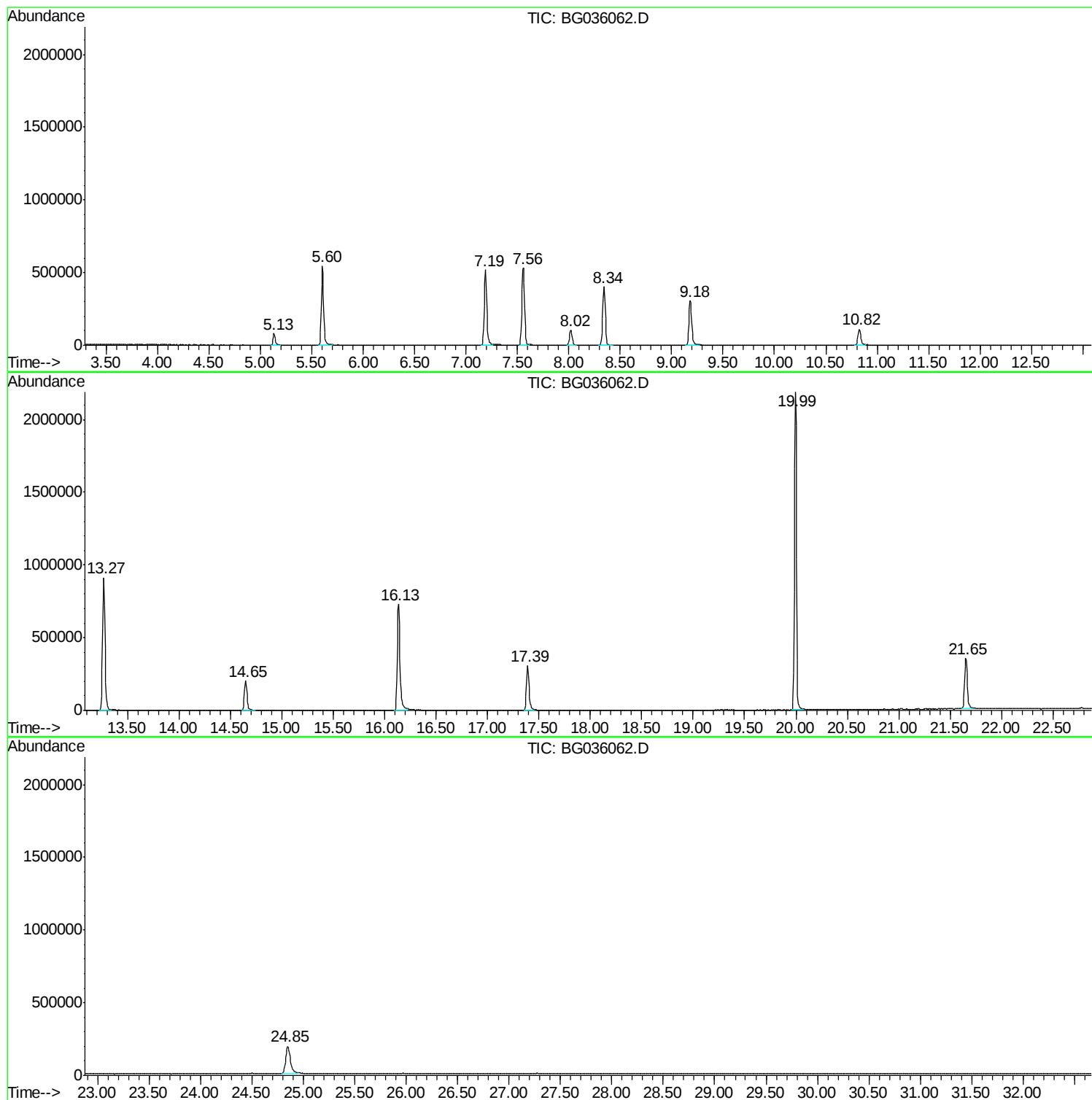
Sum of corrected areas: 12690085

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.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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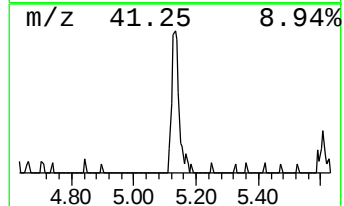
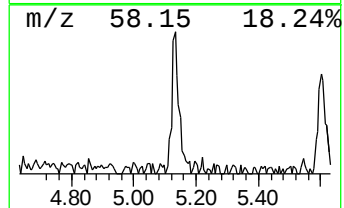
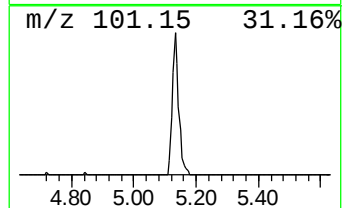
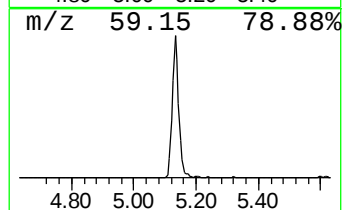
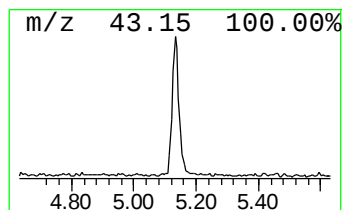
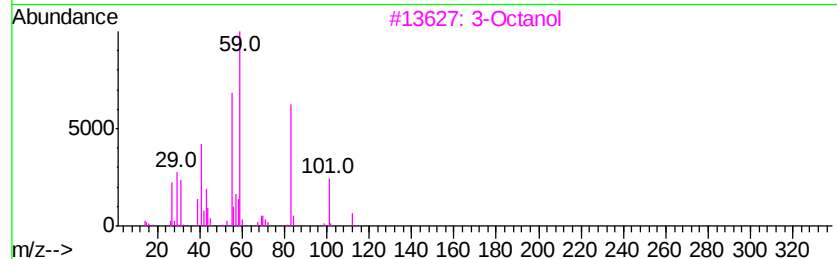
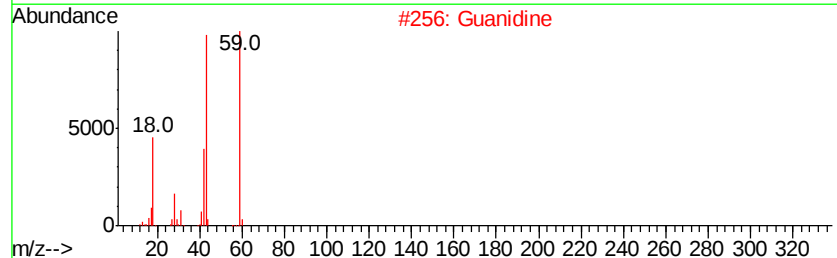
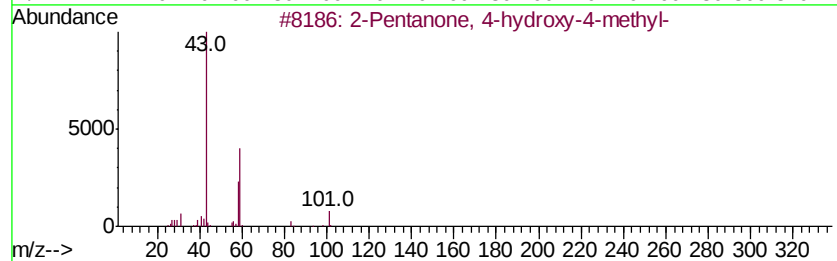
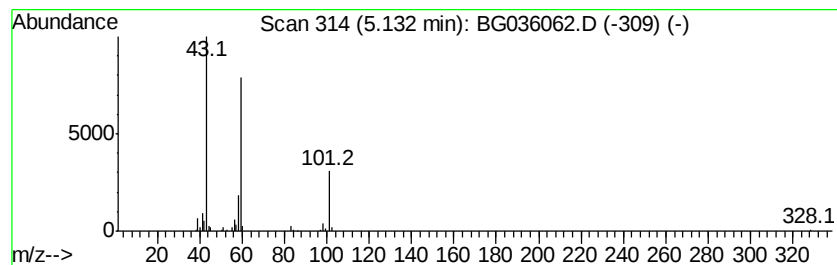
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.13 | 13.33 ng | 120203 | 1,4-Dichlorobenzene-d4 | 8.02 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2 | 000123-42-2 | 56   |
| 2    |    | Guanidine                          | 59  | CH5N3   | 000113-00-8 | 50   |
| 3    |    | 3-Octanol                          | 130 | C8H18O  | 000589-98-0 | 38   |
| 4    |    | 3-Hydroxy-3-methyl-2-butanone      | 102 | C5H10O2 | 000115-22-0 | 37   |
| 5    |    | Hydrazine, 1,1-bis(1-methylethyl)- | 116 | C6H16N2 | 000921-14-2 | 36   |



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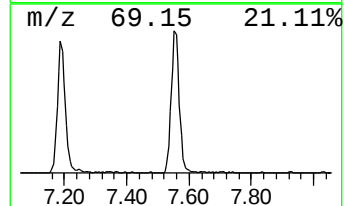
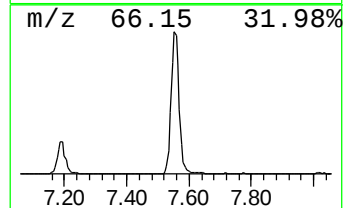
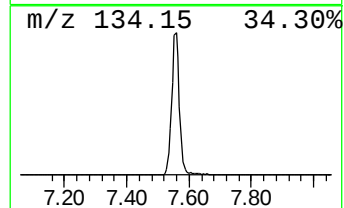
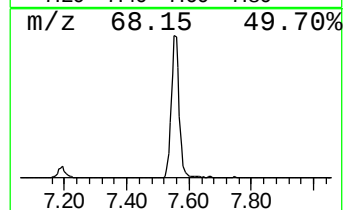
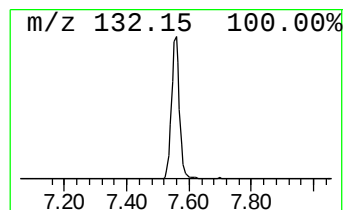
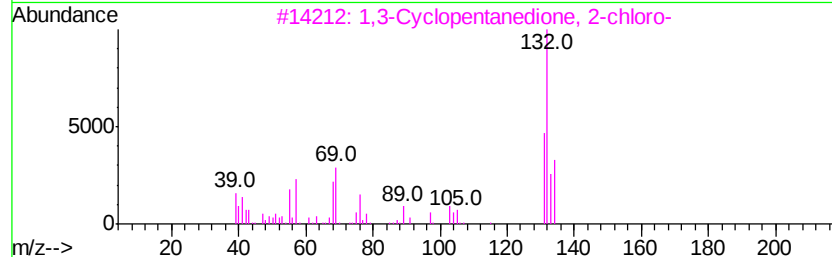
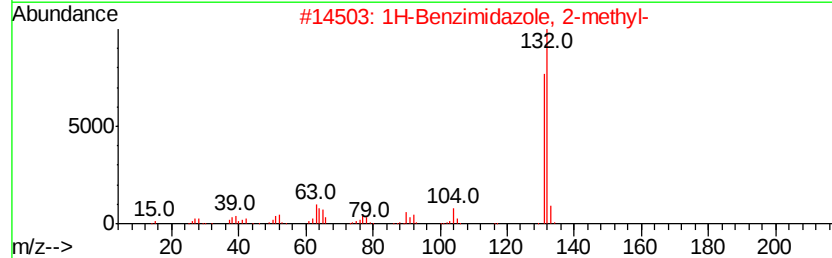
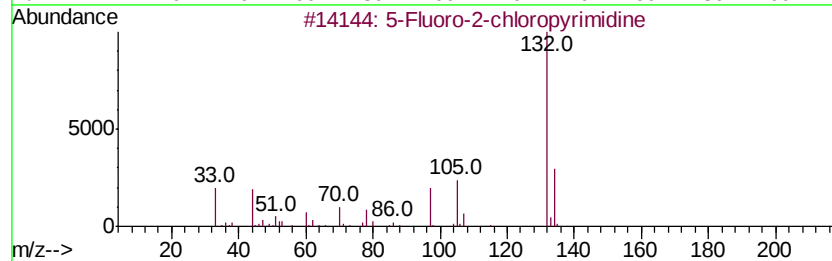
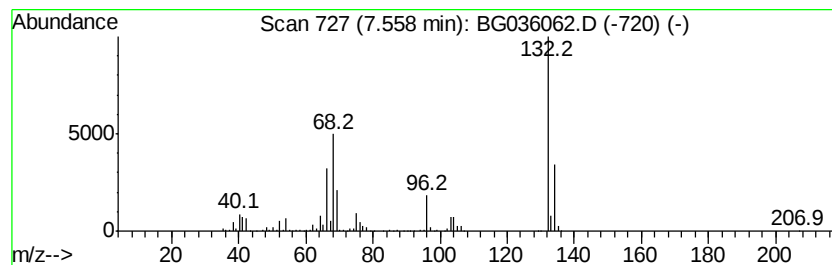
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Peak Number 2 unknown7.56 Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD       | R.T. |
|------|-----------|--------|------------------------|------|
| 7.56 | 104.53 ng | 942255 | 1,4-Dichlorobenzene-d4 | 8.02 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#        | Qual |
|------|----|----------------------------------|-----|-----------|-------------|------|
| 1    | 5  | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0 | 27   |
| 2    |    | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6 | 22   |
| 3    |    | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1 | 20   |
| 4    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0 | 10   |
| 5    |    | 1,3,5-Trifluorobenzene           | 132 | C6H3F3    | 000372-38-3 | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.13 | 13.3    | ng    | 120203   | 1                     | 8.02 | 180284 | 20.0 |
| unknown7.56          | 7.56 | 104.5   | ng    | 942255   | 1                     | 8.02 | 180284 | 20.0 |