

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\  
 Data File : BG036246.D  
 Acq On : 9 Aug 2018 23:31  
 Operator : JU/SJ  
 Sample : J4379-10  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-105I

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         | 320          | rBV      | 23105          | 36522         | 1.29%           | 0.345%        |
| 2         | 5.596       | 387           | 393         | 411          | rBV      | 211371         | 392194        | 13.85%          | 3.699%        |
| 3         | 7.188       | 657           | 664         | 675          | rBV      | 133300         | 273902        | 9.67%           | 2.584%        |
| 4         | 7.547       | 718           | 725         | 737          | rBV      | 424039         | 756407        | 26.72%          | 7.135%        |
| 5         | 8.011       | 797           | 804         | 813          | rBV      | 95723          | 169002        | 5.97%           | 1.594%        |
| 6         | 8.328       | 848           | 858         | 871          | rBV      | 376512         | 679225        | 23.99%          | 6.407%        |
| 7         | 9.174       | 992           | 1002        | 1018         | rBV      | 288859         | 607540        | 21.46%          | 5.731%        |
| 8         | 10.813      | 1274          | 1281        | 1293         | rBV      | 91201          | 201708        | 7.12%           | 1.903%        |
| 9         | 13.257      | 1690          | 1697        | 1708         | rBV      | 892314         | 1435761       | 50.71%          | 13.543%       |
| 10        | 14.631      | 1925          | 1931        | 1949         | rVB3     | 178838         | 324773        | 11.47%          | 3.064%        |
| 11        | 16.123      | 2178          | 2185        | 2200         | rBV      | 821227         | 1355404       | 47.87%          | 12.785%       |
| 12        | 17.380      | 2391          | 2399        | 2418         | rBV2     | 273748         | 469347        | 16.58%          | 4.427%        |
| 13        | 19.677      | 2786          | 2790        | 2796         | rBV      | 20449          | 31636         | 1.12%           | 0.298%        |
| 14        | 19.983      | 2836          | 2842        | 2858         | rBV      | 2036826        | 2831342       | 100.00%         | 26.707%       |
| 15        | 21.639      | 3117          | 3124        | 3135         | rBV2     | 283659         | 554502        | 19.58%          | 5.231%        |
| 16        | 24.829      | 3658          | 3667        | 3679         | rBV2     | 147033         | 482048        | 17.03%          | 4.547%        |

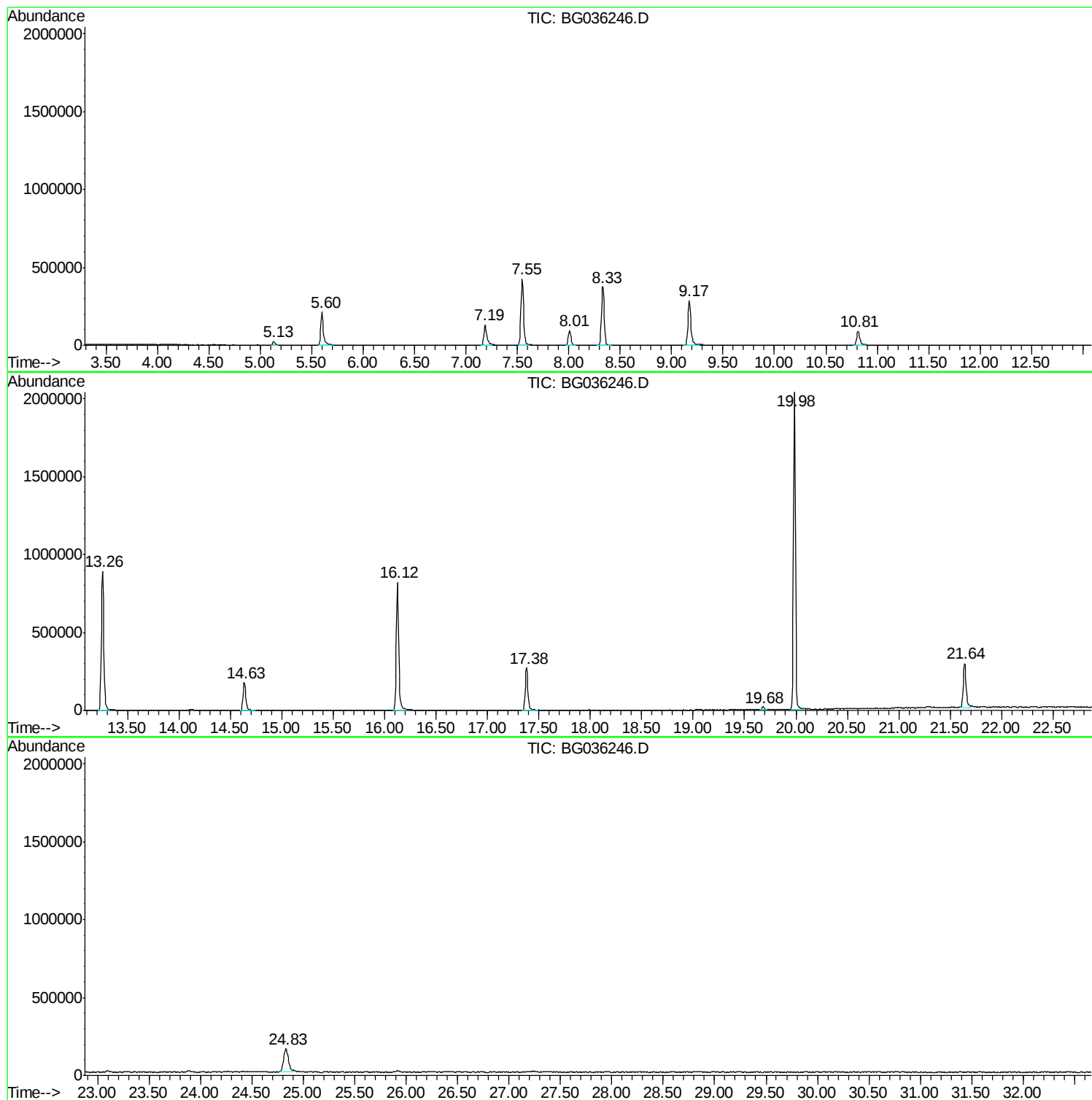
Sum of corrected areas: 10601313

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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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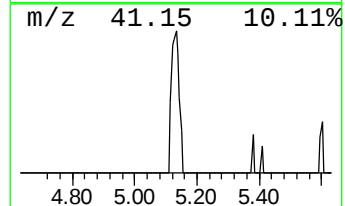
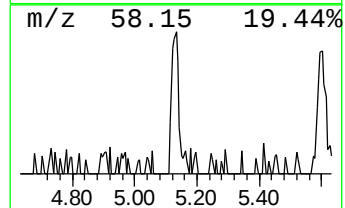
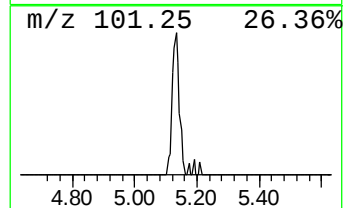
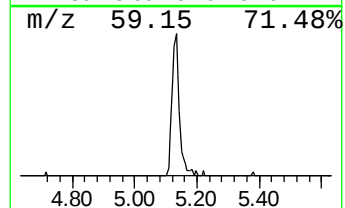
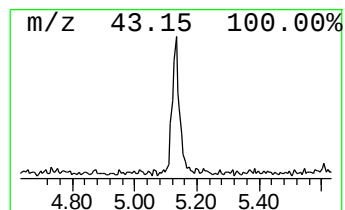
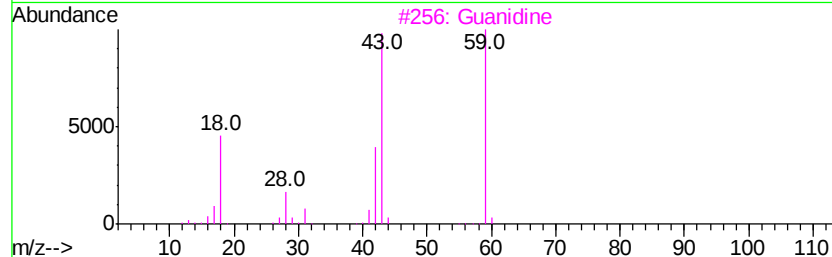
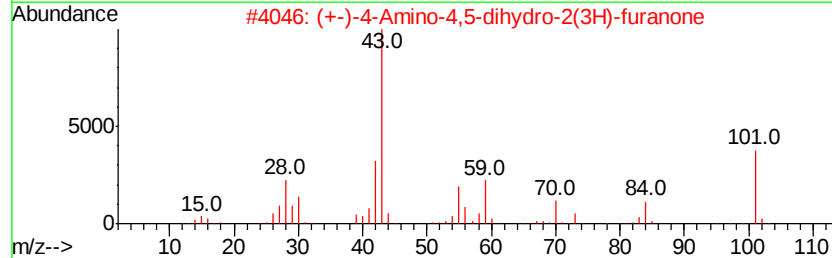
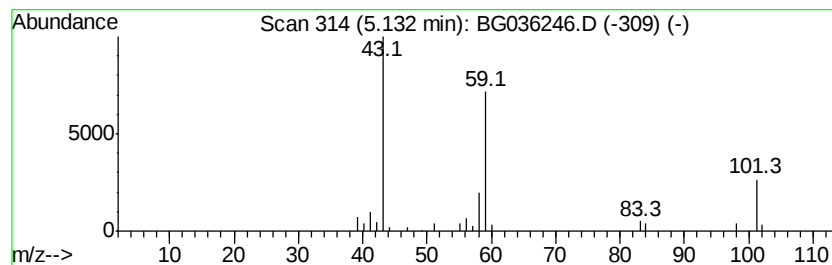
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.13 | 4.32 ng | 36522 | 1,4-Dichlorobenzene-d4 | 8.00 |

| Hit# | of | 5 | Tentative ID                           | MW  | MolForm | CAS#         | Qual |
|------|----|---|----------------------------------------|-----|---------|--------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-       | 116 | C6H12O2 | 000123-42-2  | 42   |
| 2    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-furanone | 101 | C4H7NO2 | 016504-58-8  | 38   |
| 3    |    |   | Guanidine                              | 59  | CH5N3   | 000113-00-8  | 38   |
| 4    |    |   | n-Propyl t-butyl ether                 | 116 | C7H16O  | 1000334-81-9 | 25   |
| 5    |    |   | Propane, 1-ethoxy-2-methyl-            | 102 | C6H14O  | 000627-02-1  | 22   |



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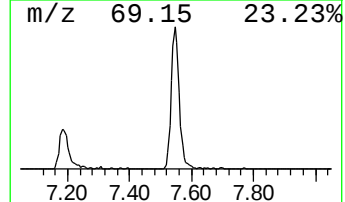
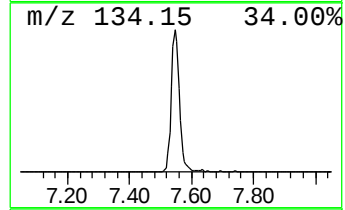
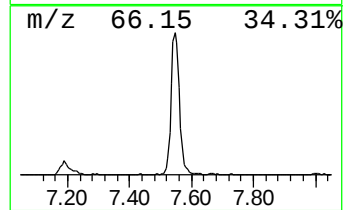
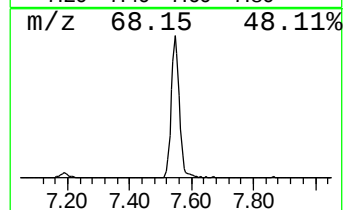
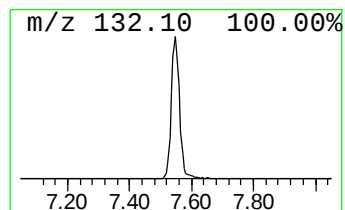
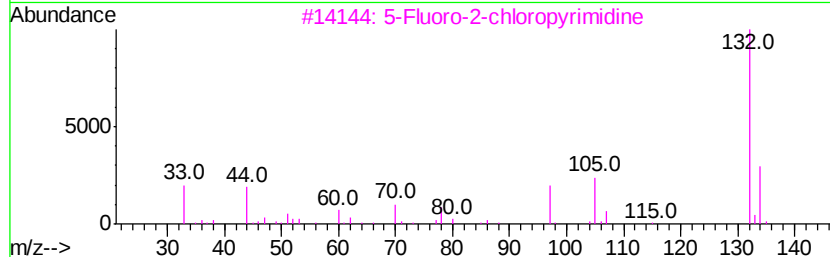
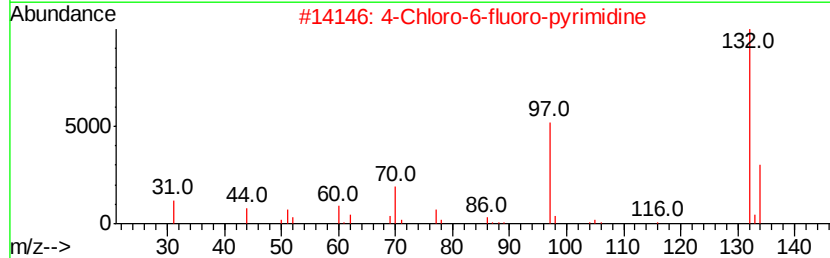
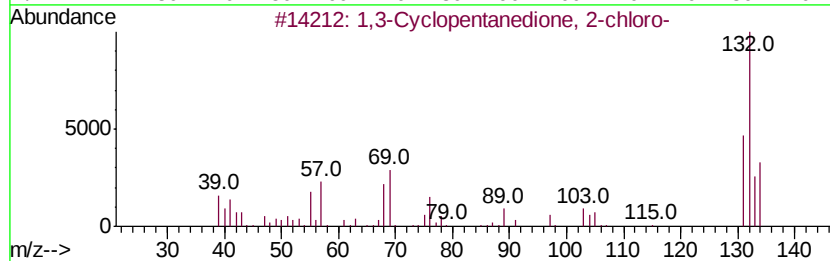
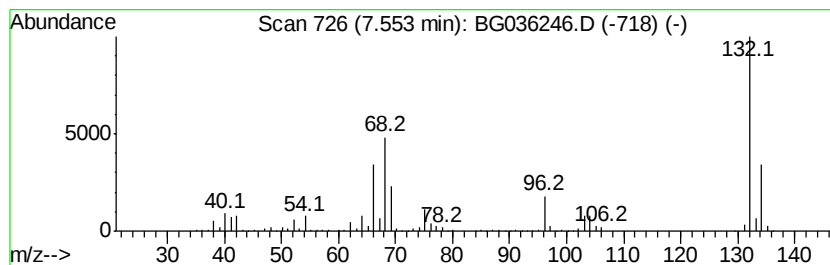
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Peak Number 2 unknown7.55 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.55 | 89.51 ng | 756407 | 1,4-Dichlorobenzene-d4 | 8.00 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 35   |
| 2    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 3    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 27   |
| 4    |    | (5-Methyl-2-pyridyl)acetonitrile | 132 | C8H8N2    | 1000241-93-9 | 22   |
| 5    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 22   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.13 | 4.3     | ng    | 36522    | 1                     | 8.00 | 169002 | 20.0 |
| unknown7.55          | 7.55 | 89.5    | ng    | 756407   | 1                     | 8.00 | 169002 | 20.0 |