

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\  
 Data File : BG028863.D  
 Acq On : 21 Sep 2017 18:24  
 Operator : SJ/JU  
 Sample : PB102514BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102514BL

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-BG091217.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         | 5.390       | 301           | 307         | 315          | rBV      | 84814          | 137737        | 4.78%           | 1.059%        |
| 2         | 5.860       | 380           | 387         | 399          | rBV      | 558395         | 955088        | 33.12%          | 7.342%        |
| 3         | 7.441       | 647           | 656         | 669          | rBV      | 553299         | 1003983       | 34.81%          | 7.718%        |
| 4         | 7.823       | 714           | 721         | 731          | rBV      | 534580         | 962352        | 33.37%          | 7.398%        |
| 5         | 8.287       | 793           | 800         | 808          | rBV      | 119115         | 205291        | 7.12%           | 1.578%        |
| 6         | 8.616       | 846           | 856         | 866          | rBV      | 395130         | 721289        | 25.01%          | 5.545%        |
| 7         | 9.462       | 992           | 1000        | 1012         | rBV      | 301658         | 603279        | 20.92%          | 4.637%        |
| 8         | 11.107      | 1273          | 1280        | 1288         | rBV      | 147663         | 280423        | 9.72%           | 2.156%        |
| 9         | 13.528      | 1684          | 1692        | 1702         | rBV      | 979363         | 1569933       | 54.44%          | 12.068%       |
| 10        | 14.909      | 1920          | 1927        | 1937         | rBV3     | 257887         | 439768        | 15.25%          | 3.380%        |
| 11        | 16.395      | 2173          | 2180        | 2191         | rBV      | 687382         | 1207210       | 41.86%          | 9.280%        |
| 12        | 17.658      | 2388          | 2395        | 2405         | rBV2     | 388375         | 629064        | 21.81%          | 4.836%        |
| 13        | 20.244      | 2829          | 2835        | 2846         | rBV      | 2082261        | 2883846       | 100.00%         | 22.168%       |
| 14        | 21.983      | 3123          | 3131        | 3141         | rBV      | 385343         | 741413        | 25.71%          | 5.699%        |
| 15        | 25.455      | 3709          | 3722        | 3739         | rBV2     | 175751         | 668338        | 23.18%          | 5.137%        |

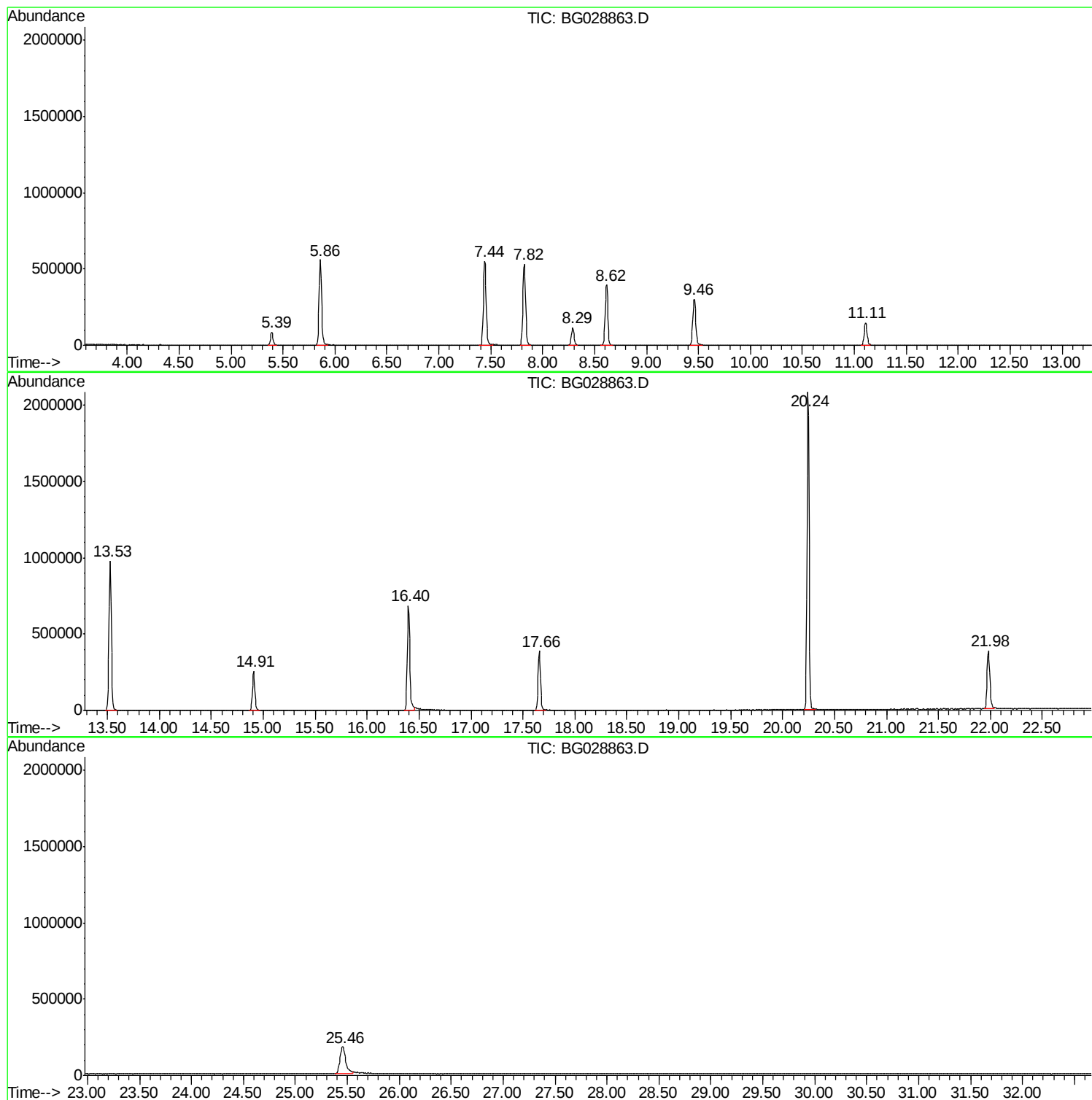
Sum of corrected areas: 13009014

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.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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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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ClientSampled :  
PB102514BL

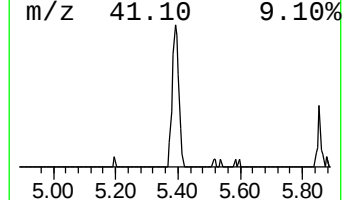
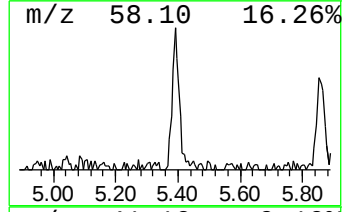
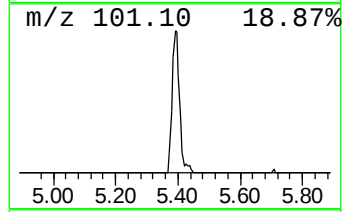
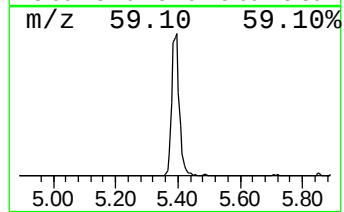
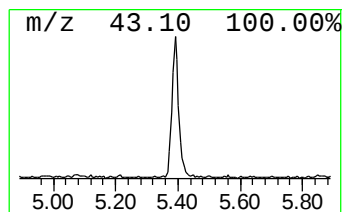
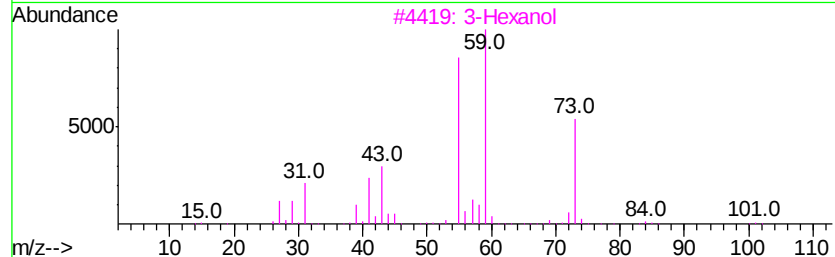
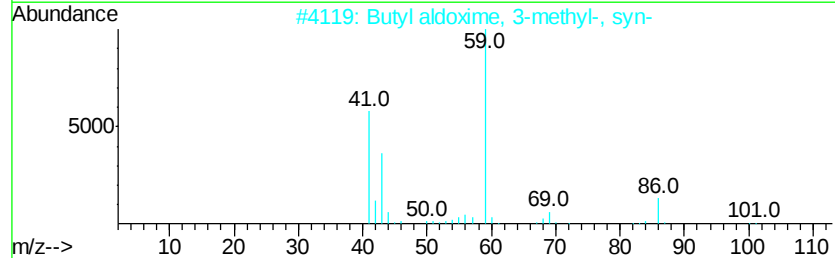
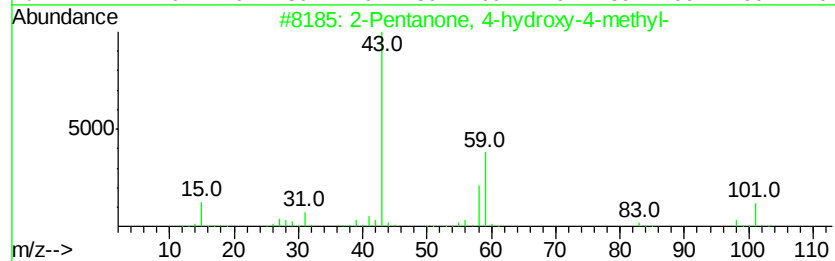
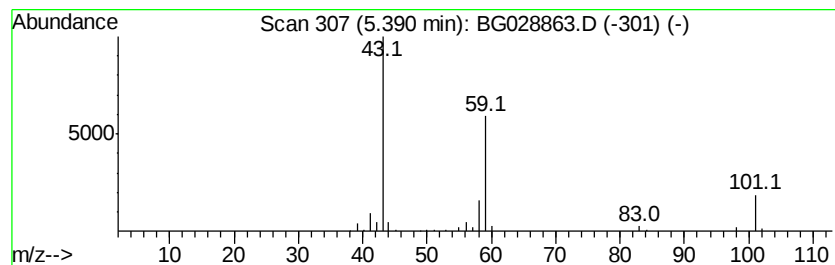
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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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. |
|------|----------|--------|------------------------|------|
| 5.39 | 13.42 ng | 137737 | 1,4-Dichlorobenzene-d4 | 8.29 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 72   |
| 2    |    |   | Butyl aldoxime, 3-methyl-, syn-  | 101 | C5H11NO | 005780-40-5 | 32   |
| 3    |    |   | 3-Hexanol                        | 102 | C6H14O  | 000623-37-0 | 28   |
| 4    |    |   | 3-Hexanol, 4-methyl-             | 116 | C7H16O  | 000615-29-2 | 28   |
| 5    |    |   | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 9    |



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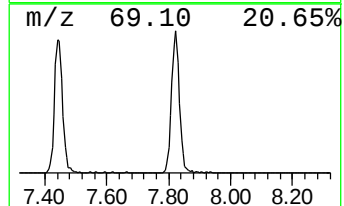
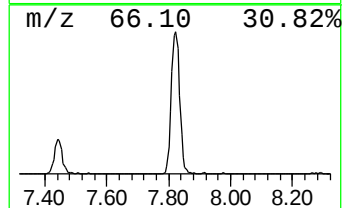
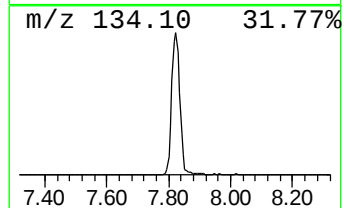
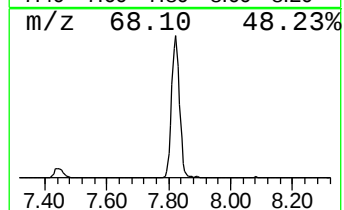
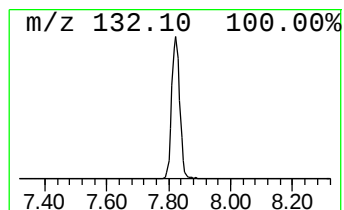
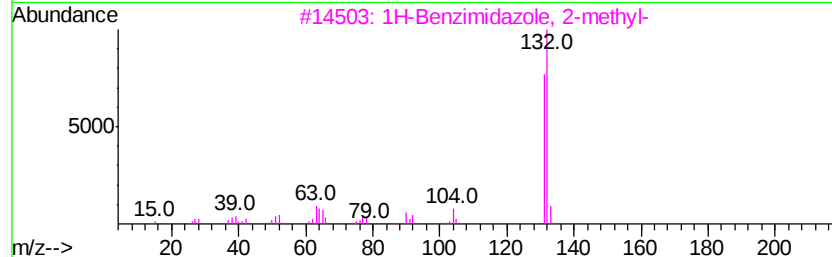
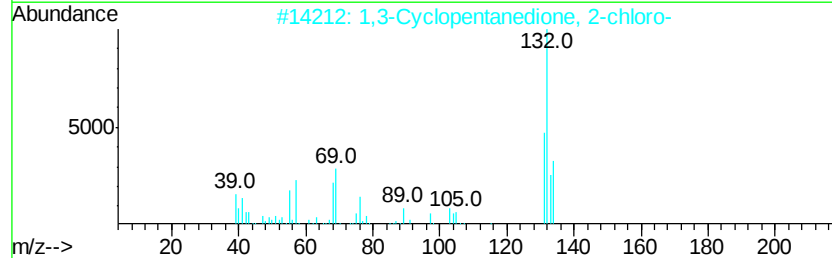
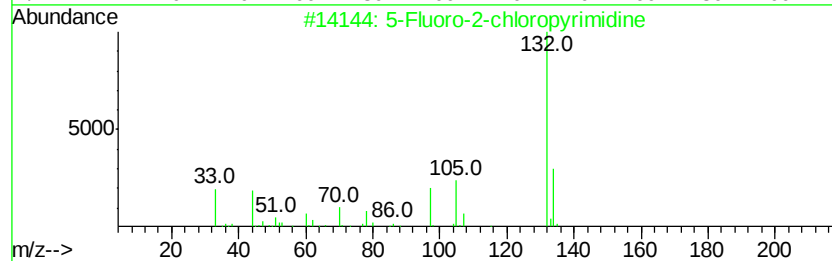
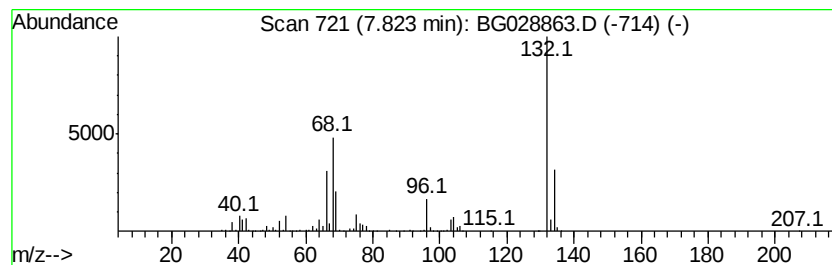
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Peak Number 2 unknown7.82 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.82 | 93.75 ng | 962352 | 1,4-Dichlorobenzene-d4 | 8.29 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 27   |
| 2    |    | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 25   |
| 3    |    | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 5    |    | Cyclopropanamine, 1-phenyl-      | 133 | C9H11N    | 1000351-26-2 | 10   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.39 | 13.4    | ng    | 137737   | 1                     | 8.29 | 205291 | 20.0 |
| unknown7.82          | 7.82 | 93.8    | ng    | 962352   | 1                     | 8.29 | 205291 | 20.0 |