

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG071017\  
 Data File : BG027891.D  
 Acq On : 10 Jul 2017 17:30  
 Operator : SJ/JU  
 Sample : PB100512BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB100512BL

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-BG062817.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         | 5.540       | 324           | 332         | 342          | rBV      | 87061          | 142656        | 3.77%           | 0.907%        |
| 2         | 5.998       | 402           | 410         | 422          | rBV      | 629491         | 1097245       | 29.01%          | 6.980%        |
| 3         | 7.561       | 668           | 676         | 689          | rBV      | 609271         | 1123681       | 29.71%          | 7.148%        |
| 4         | 7.948       | 734           | 742         | 753          | rBV      | 640639         | 1172760       | 31.00%          | 7.460%        |
| 5         | 8.413       | 815           | 821         | 829          | rVB      | 121863         | 221035        | 5.84%           | 1.406%        |
| 6         | 8.742       | 868           | 877         | 887          | rBV      | 502782         | 901625        | 23.84%          | 5.735%        |
| 7         | 9.582       | 1012          | 1020        | 1034         | rBV      | 343890         | 650145        | 17.19%          | 4.136%        |
| 8         | 11.233      | 1293          | 1301        | 1316         | rBV      | 179637         | 344337        | 9.10%           | 2.190%        |
| 9         | 13.636      | 1702          | 1710        | 1729         | rBV      | 1222258        | 1905864       | 50.39%          | 12.123%       |
| 10        | 15.017      | 1937          | 1945        | 1955         | rVB2     | 280070         | 477899        | 12.63%          | 3.040%        |
| 11        | 16.497      | 2190          | 2197        | 2212         | rBV      | 990951         | 1540507       | 40.73%          | 9.799%        |
| 12        | 17.760      | 2405          | 2412        | 2421         | rBV2     | 410813         | 646300        | 17.09%          | 4.111%        |
| 13        | 20.346      | 2845          | 2852        | 2864         | rBV      | 2726568        | 3782515       | 100.00%         | 24.061%       |
| 14        | 22.108      | 3144          | 3152        | 3164         | rBV      | 480192         | 860644        | 22.75%          | 5.475%        |
| 15        | 25.669      | 3746          | 3758        | 3772         | rVB2     | 272014         | 853575        | 22.57%          | 5.430%        |

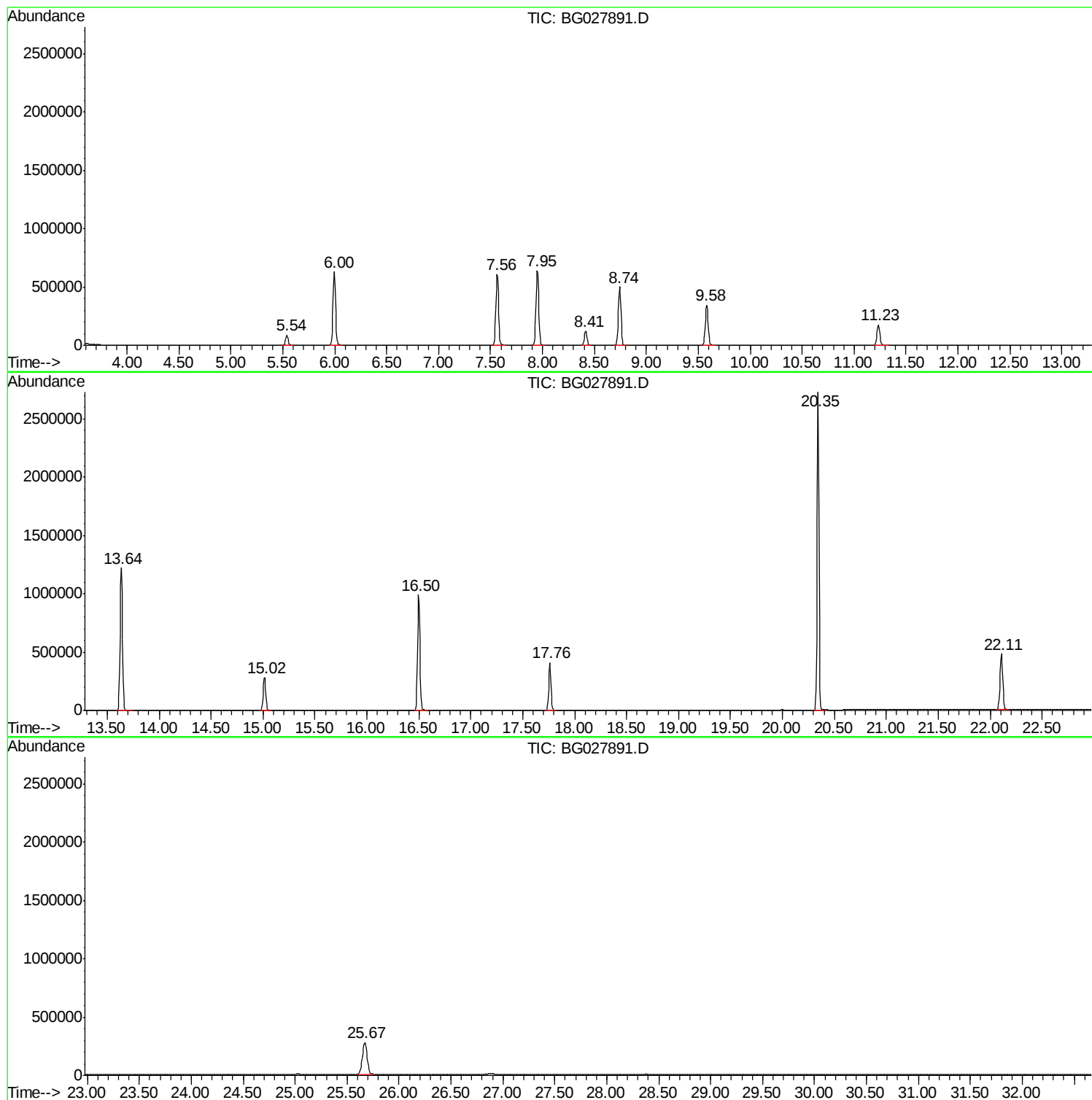
Sum of corrected areas: 15720788

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG062817.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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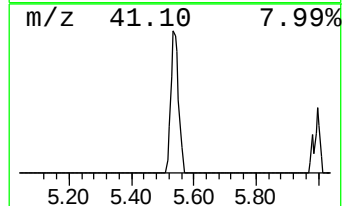
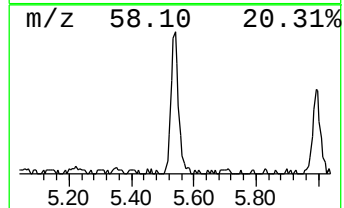
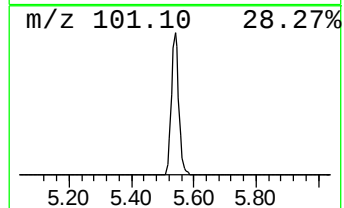
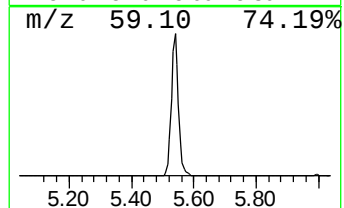
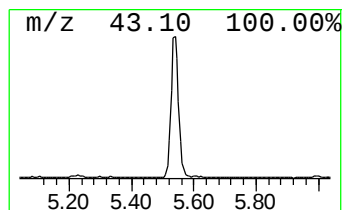
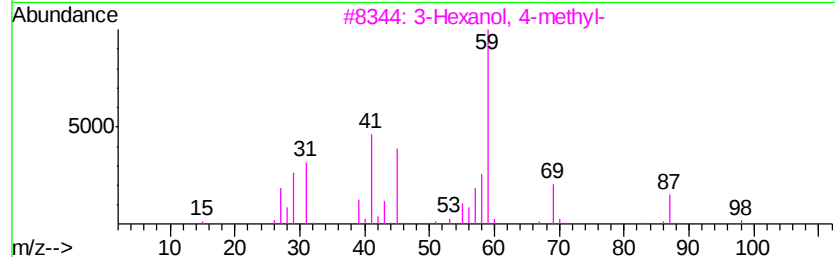
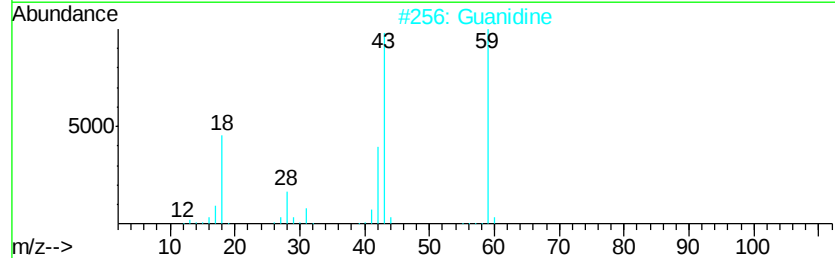
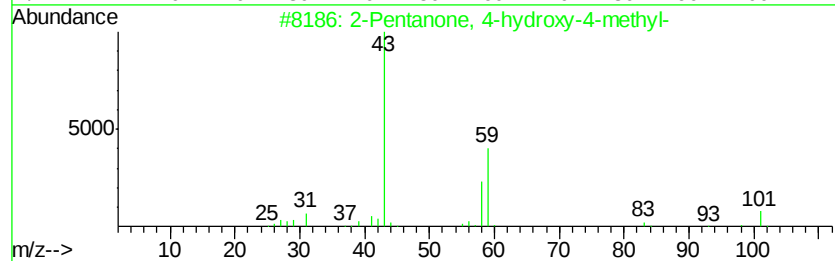
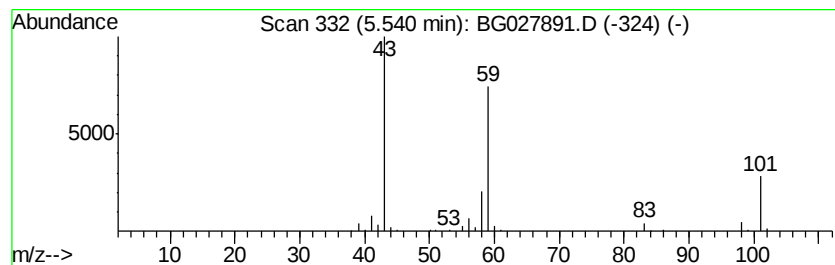
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG062817.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.54 | 12.91 ng | 142656 | 1,4-Dichlorobenzene-d4 | 8.42 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    |   | Guanidine                           | 59  | CH5N3    | 000113-00-8 | 47   |
| 3    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 36   |
| 4    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101 | C4H7NO2  | 016504-58-8 | 27   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |



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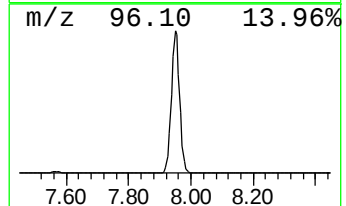
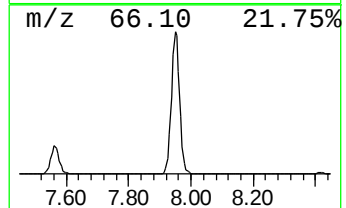
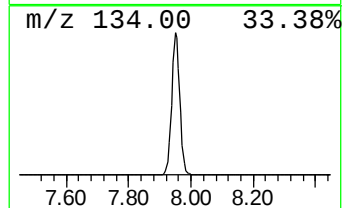
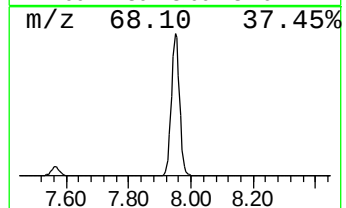
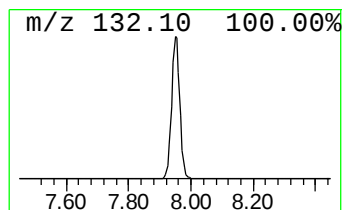
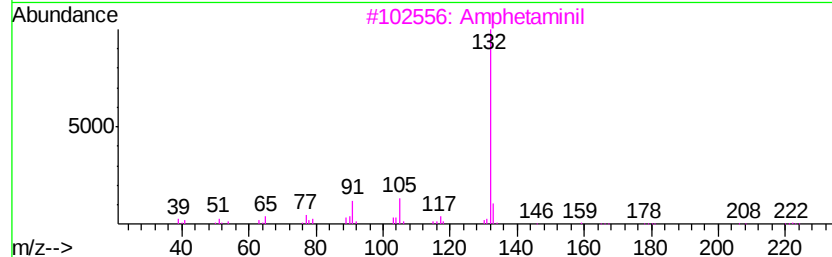
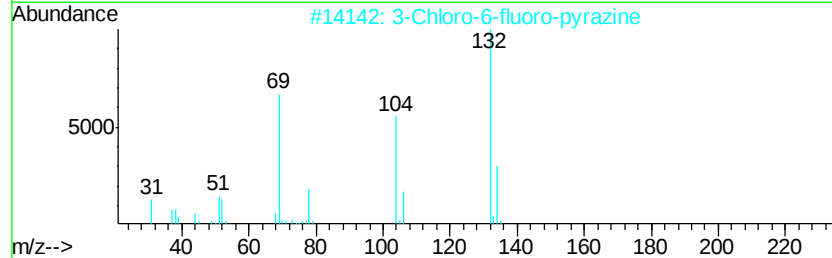
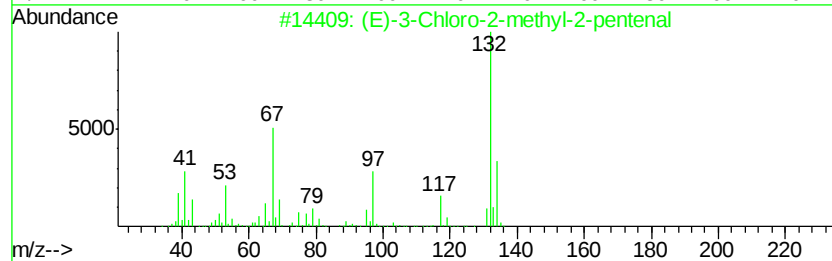
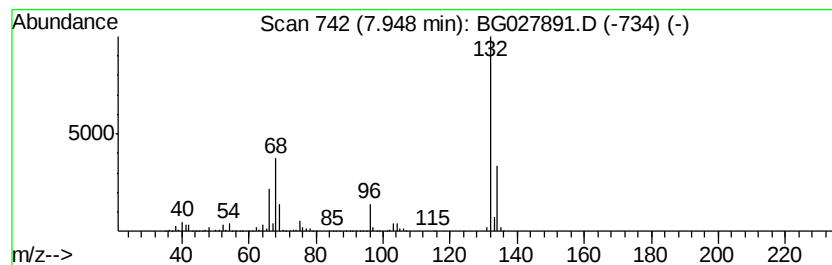
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Peak Number 2 unknown7.95 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.95 | 106.12 ng | 1172760 | 1,4-Dichlorobenzene-d4 | 8.42 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 35   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 25   |
| 3    |    | Amphetaminil                        | 250 | C17H18N2  | 017590-01-1  | 12   |
| 4    |    | Xenon                               | 132 | Xe        | 007440-63-3  | 9    |
| 5    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.54 | 12.9    | ng    | 142656   | 1                     | 8.42 | 221035 | 20.0 |
| unknown7.95          | 7.95 | 106.1   | ng    | 1172760  | 1                     | 8.42 | 221035 | 20.0 |