

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG041917\  
 Data File : BG026660.D  
 Acq On : 19 Apr 2017 17:33  
 Operator : SJ/MA  
 Sample : PB98331BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB98331BL

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-BG041817.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         | 5.121       | 340           | 346         | 358          | rBV      | 312968         | 471538        | 4.09%           | 0.903%        |
| 2         | 5.597       | 420           | 427         | 442          | rBV      | 2389461        | 3775783       | 32.73%          | 7.228%        |
| 3         | 7.189       | 690           | 698         | 716          | rBV      | 2137375        | 3665878       | 31.78%          | 7.017%        |
| 4         | 7.559       | 751           | 761         | 775          | rBV      | 2335460        | 4074118       | 35.32%          | 7.799%        |
| 5         | 8.024       | 834           | 840         | 850          | rBV      | 474653         | 809620        | 7.02%           | 1.550%        |
| 6         | 8.347       | 887           | 895         | 905          | rBV      | 1877029        | 3203041       | 27.77%          | 6.131%        |
| 7         | 9.181       | 1030          | 1037        | 1048         | rBV      | 1276029        | 2259253       | 19.59%          | 4.325%        |
| 8         | 10.826      | 1310          | 1317        | 1331         | rVB      | 660192         | 1200199       | 10.41%          | 2.297%        |
| 9         | 13.259      | 1724          | 1731        | 1744         | rBV      | 3894122        | 6207149       | 53.81%          | 11.882%       |
| 10        | 14.633      | 1957          | 1965        | 1979         | rBV2     | 1010107        | 1655457       | 14.35%          | 3.169%        |
| 11        | 16.114      | 2210          | 2217        | 2234         | rBV      | 3120238        | 4838088       | 41.94%          | 9.261%        |
| 12        | 17.366      | 2424          | 2430        | 2442         | rBV2     | 1392943        | 2210015       | 19.16%          | 4.231%        |
| 13        | 19.968      | 2867          | 2873        | 2885         | rBV      | 8543433        | 11534565      | 100.00%         | 22.080%       |
| 14        | 21.613      | 3146          | 3153        | 3167         | rBV      | 1933029        | 3210314       | 27.83%          | 6.145%        |
| 15        | 24.780      | 3682          | 3692        | 3705         | rBV2     | 1145770        | 3124366       | 27.09%          | 5.981%        |

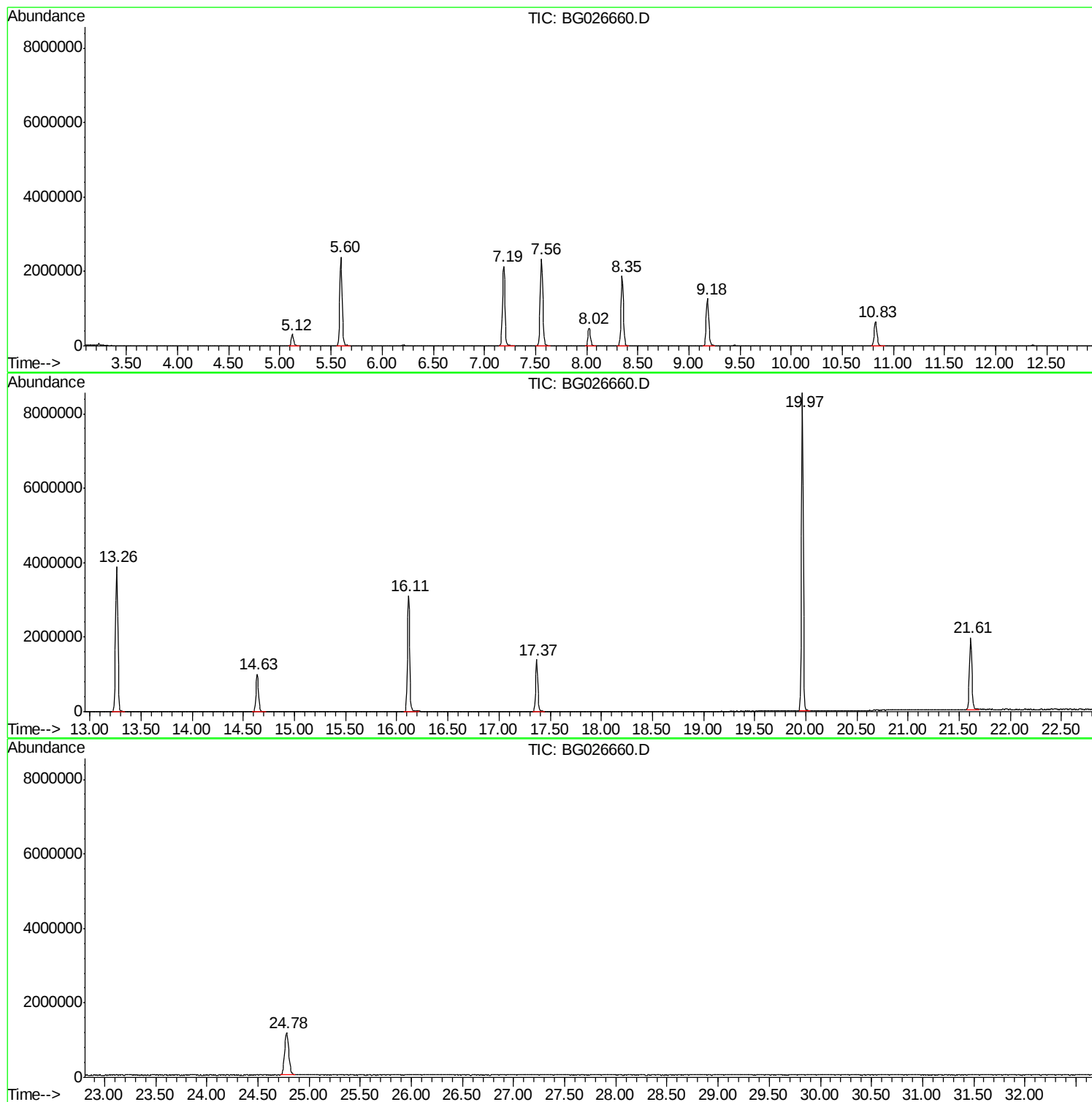
Sum of corrected areas: 52239384

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG041817.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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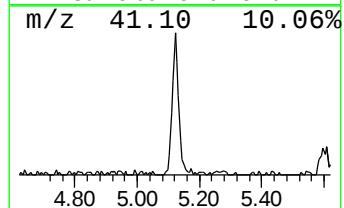
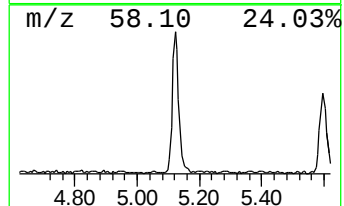
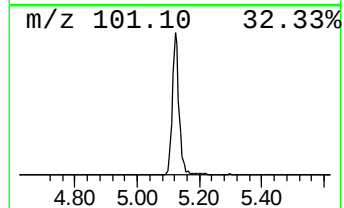
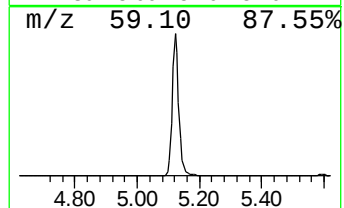
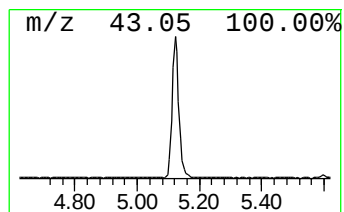
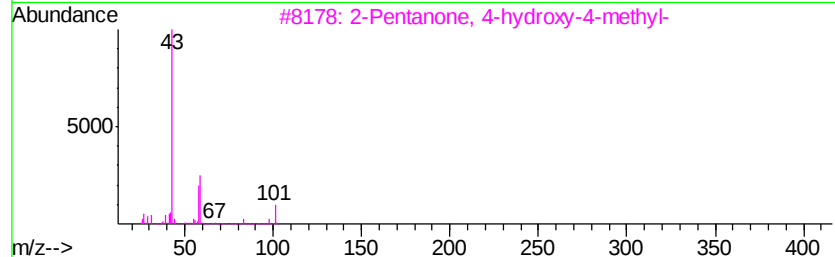
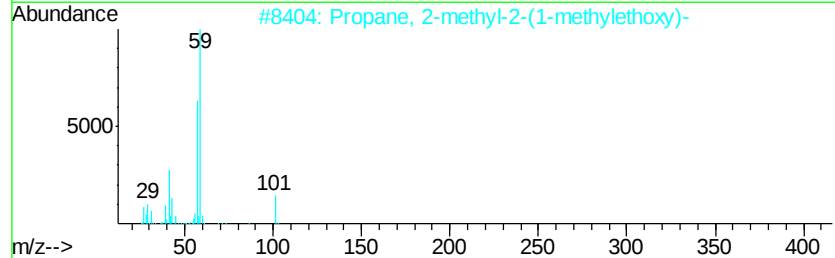
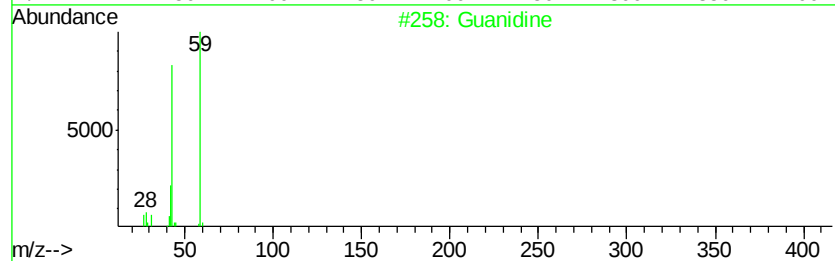
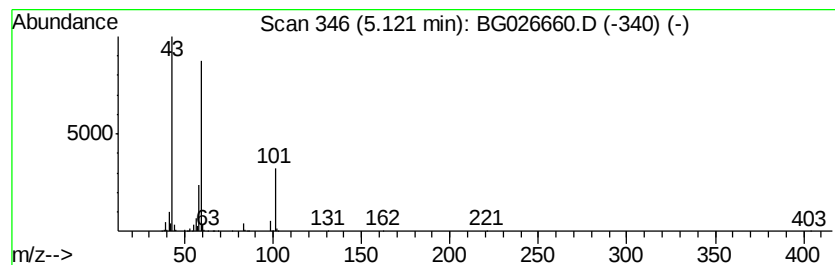
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Guanidine Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.12 | 11.65 ng | 471538 | 1,4-Dichlorobenzene-d4 | 8.02 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm | CAS#         | Qual |
|---------|-------------------------------------|--------------|-----|---------|--------------|------|
| 1       | Guanidine                           |              | 59  | CH5N3   | 000113-00-8  | 52   |
| 2       | Propane, 2-methyl-2-(1-methyleth... |              | 116 | C7H16O  | 017348-59-3  | 50   |
| 3       | 2-Pentanone, 4-hydroxy-4-methyl-    |              | 116 | C6H12O2 | 000123-42-2  | 50   |
| 4       | Butyl aldoxime, 3-methyl-, syn-     |              | 101 | C5H11NO | 005780-40-5  | 43   |
| 5       | (2,3,3-Trimethyloxiranyl)methanol   |              | 116 | C6H12O2 | 1000306-64-7 | 38   |



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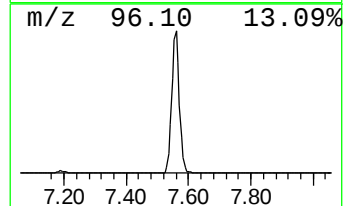
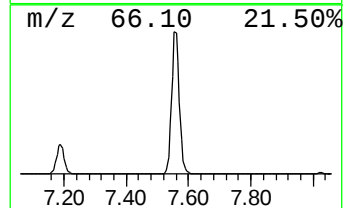
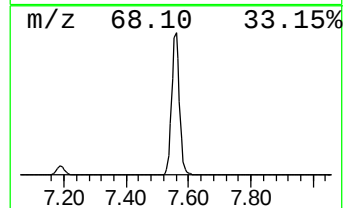
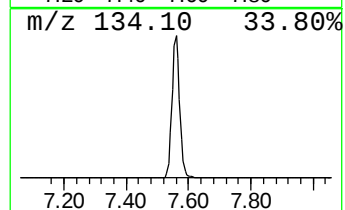
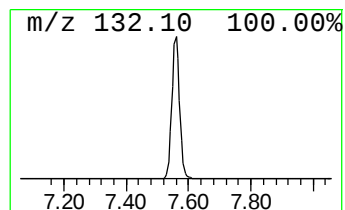
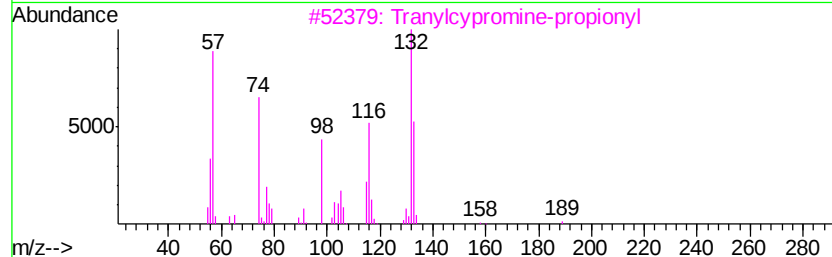
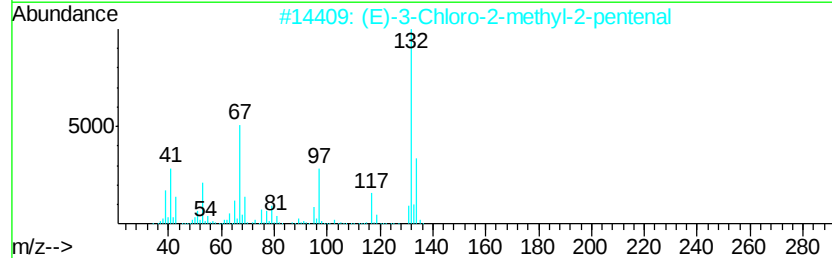
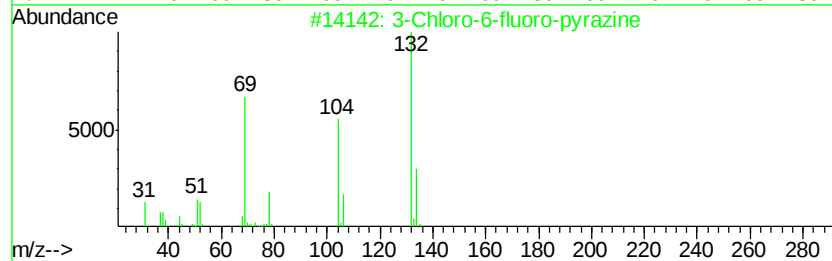
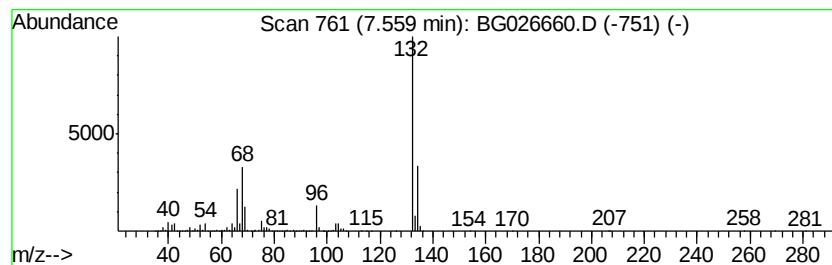
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Peak Number 2 unknown7.56 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.56 | 100.64 ng | 4074120 | 1,4-Dichlorobenzene-d4 | 8.02 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 38   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 12   |
| 3    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 5    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Guanidine        | 5.12 | 11.7    | ng    | 471538   | 1                     | 8.02 | 809620 | 20.0 |
| unknown7.56      | 7.56 | 100.6   | ng    | 4074120  | 1                     | 8.02 | 809620 | 20.0 |