

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\  
 Data File : BG027289.D  
 Acq On : 7 Jun 2017 18:39  
 Operator : SJ/MA  
 Sample : PB99548BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB99548BL

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-BG060517.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         | 5.703       | 337           | 343         | 354          | rBV      | 92166          | 156027        | 3.49%           | 0.729%        |
| 2         | 6.143       | 410           | 418         | 431          | rBV      | 1010733        | 1735678       | 38.86%          | 8.107%        |
| 3         | 7.694       | 673           | 682         | 695          | rBV      | 1006088        | 1862011       | 41.69%          | 8.697%        |
| 4         | 8.094       | 742           | 750         | 759          | rBV      | 971638         | 1778699       | 39.82%          | 8.308%        |
| 5         | 8.558       | 821           | 829         | 837          | rBV      | 168550         | 305425        | 6.84%           | 1.427%        |
| 6         | 8.887       | 877           | 885         | 894          | rBV      | 668043         | 1225637       | 27.44%          | 5.725%        |
| 7         | 9.721       | 1018          | 1027        | 1039         | rBV      | 535752         | 1021088       | 22.86%          | 4.769%        |
| 8         | 11.378      | 1301          | 1309        | 1317         | rBV      | 261201         | 488159        | 10.93%          | 2.280%        |
| 9         | 13.764      | 1708          | 1715        | 1724         | rVB      | 1681841        | 2743958       | 61.44%          | 12.816%       |
| 10        | 15.139      | 1942          | 1949        | 1957         | rBV2     | 425373         | 709449        | 15.88%          | 3.314%        |
| 11        | 16.619      | 2194          | 2201        | 2213         | rBV      | 1236606        | 1973100       | 44.18%          | 9.216%        |
| 12        | 17.888      | 2410          | 2417        | 2427         | rVB      | 555453         | 889190        | 19.91%          | 4.153%        |
| 13        | 20.468      | 2849          | 2856        | 2865         | rBV      | 3264777        | 4466409       | 100.00%         | 20.861%       |
| 14        | 22.271      | 3156          | 3163        | 3172         | rBV      | 572769         | 1082615       | 24.24%          | 5.057%        |
| 15        | 25.961      | 3781          | 3791        | 3806         | rVB3     | 292443         | 972784        | 21.78%          | 4.544%        |

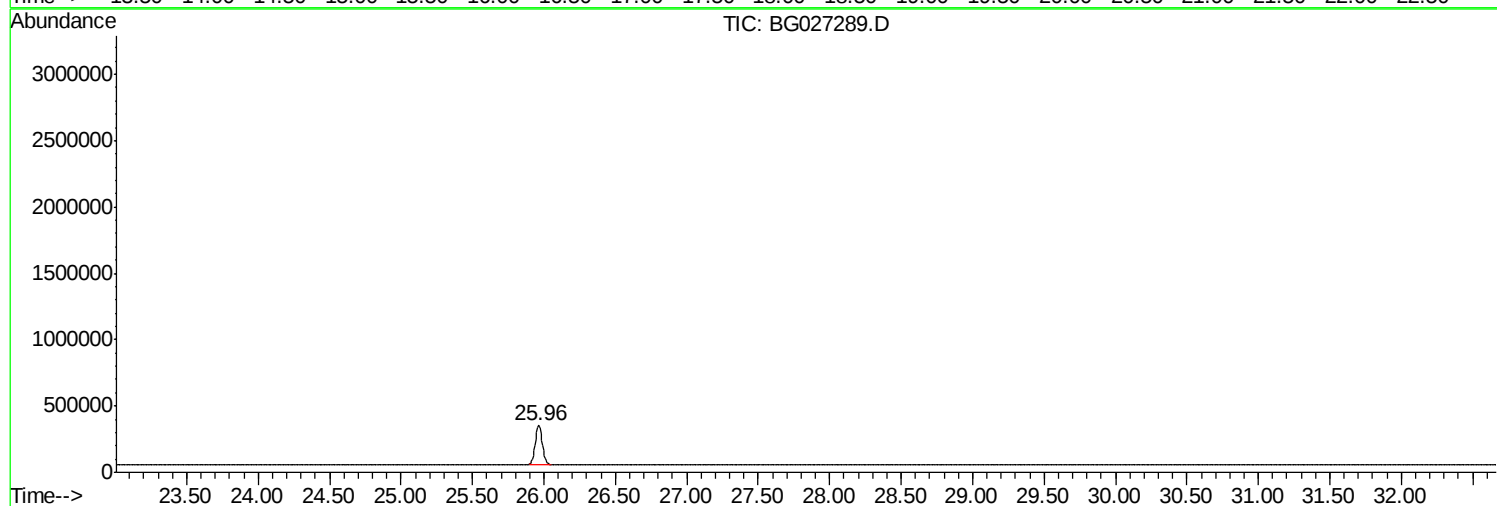
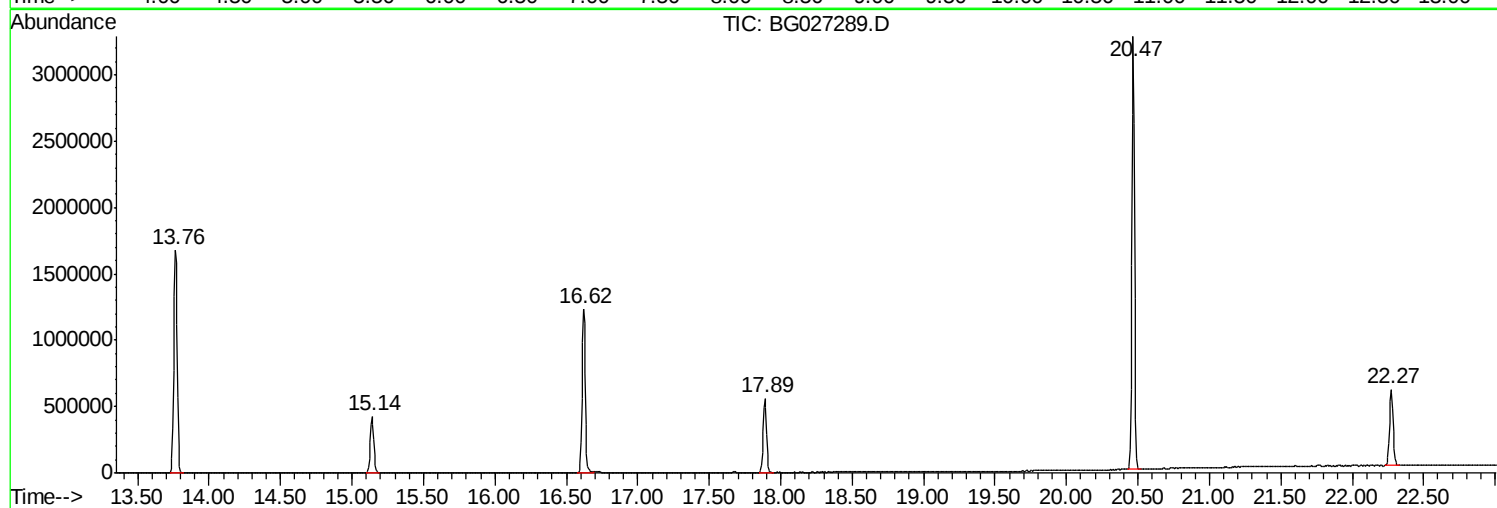
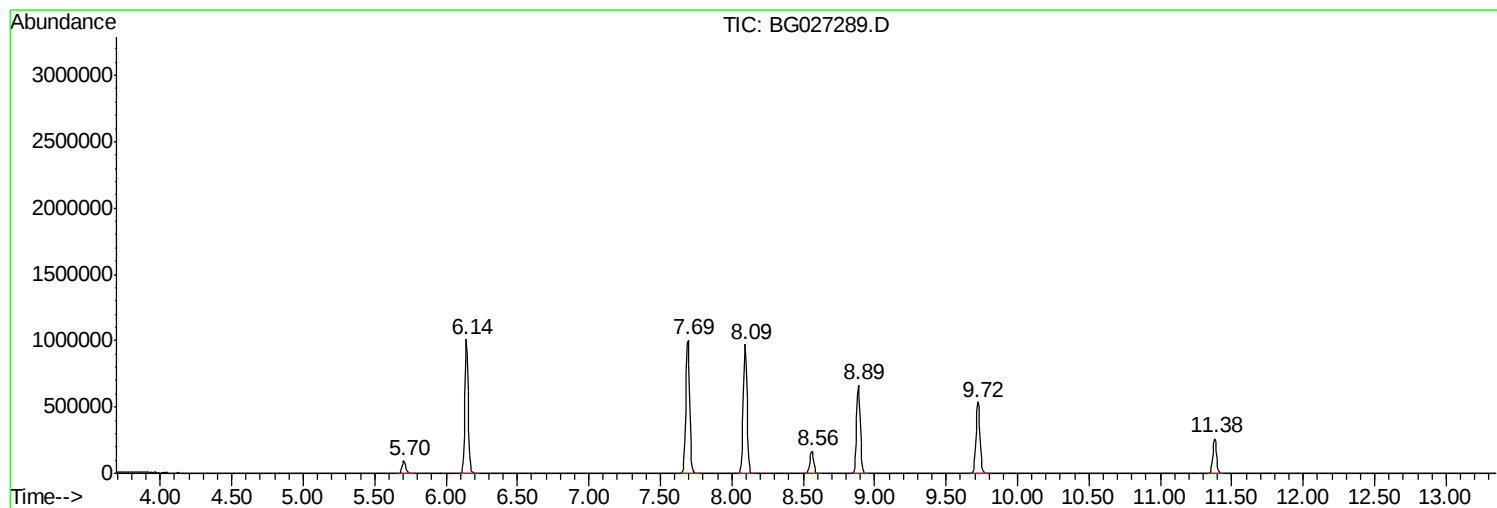
Sum of corrected areas: 21410229

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.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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ClientSampled :  
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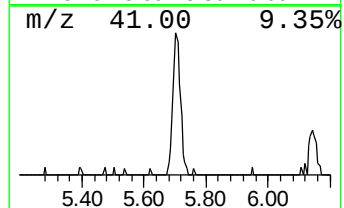
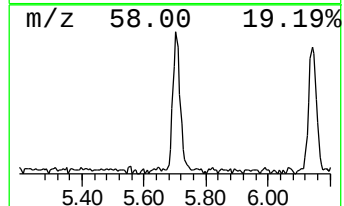
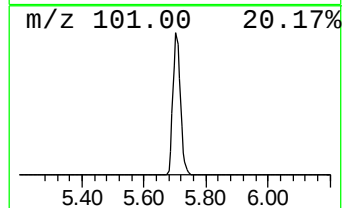
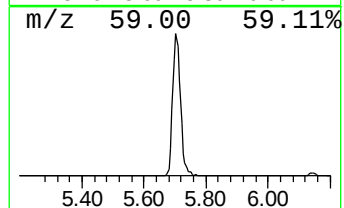
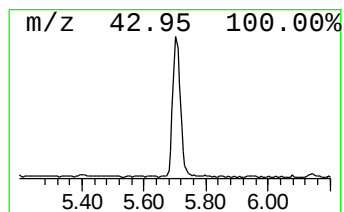
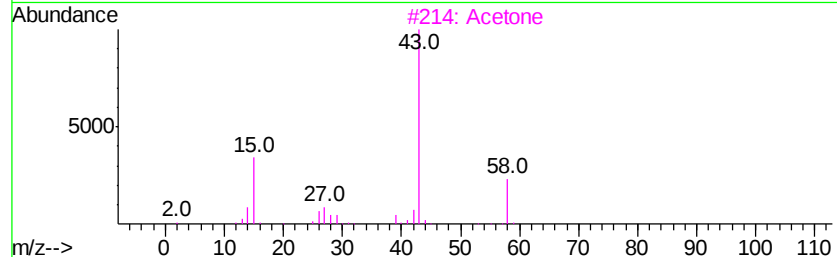
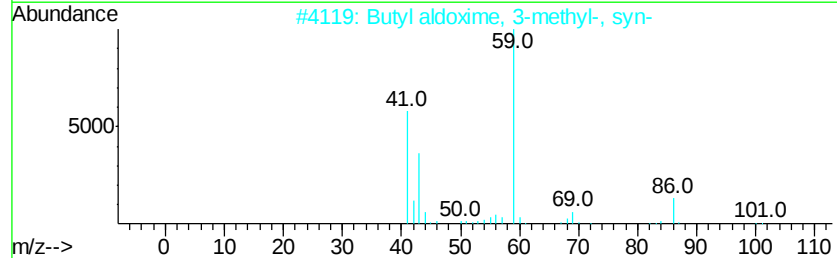
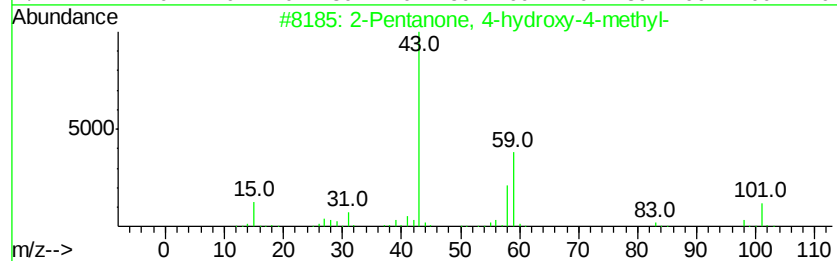
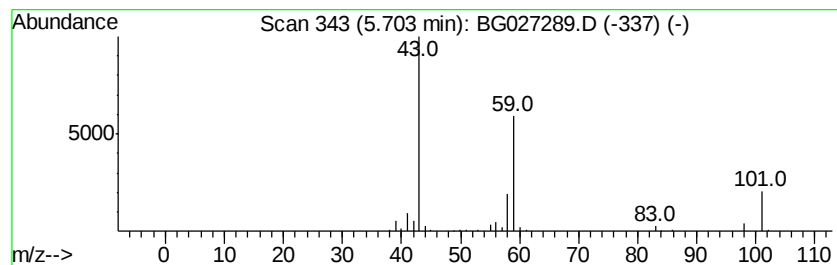
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.70 | 10.22 ng | 156027 | 1,4-Dichlorobenzene-d4 | 8.56 |

| Hit# of | 5                                | Tentative ID | MW      | MolForm | CAS#        | Qual |
|---------|----------------------------------|--------------|---------|---------|-------------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl- | 116          | C6H12O2 |         | 000123-42-2 | 53   |
| 2       | Butyl aldoxime, 3-methyl-, syn-  | 101          | C5H11NO |         | 005780-40-5 | 16   |
| 3       | Acetone                          | 58           | C3H6O   |         | 000067-64-1 | 12   |
| 4       | 2-Hexanol, 2-methyl-             | 116          | C7H16O  |         | 000625-23-0 | 9    |
| 5       | Propane, 2-ethoxy-2-methyl-      | 102          | C6H14O  |         | 000637-92-3 | 9    |



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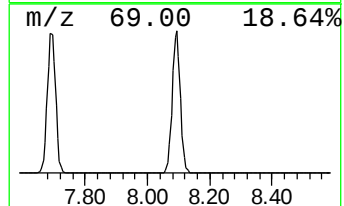
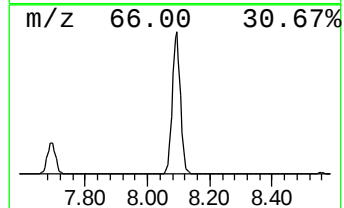
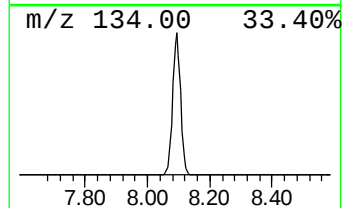
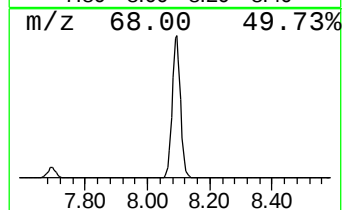
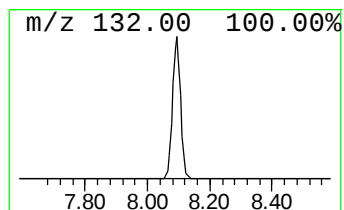
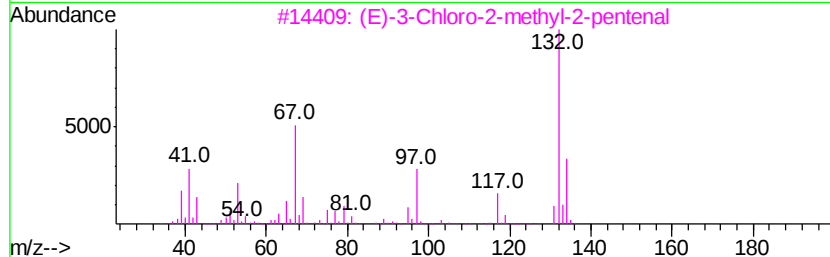
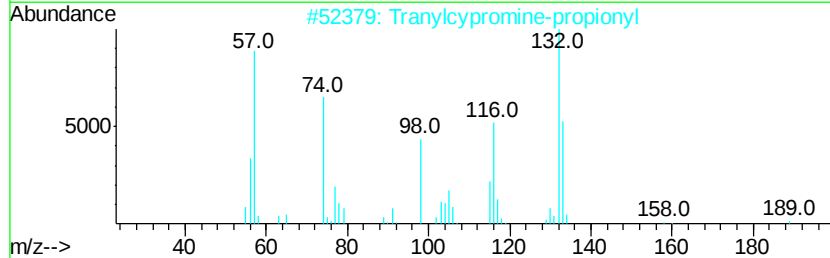
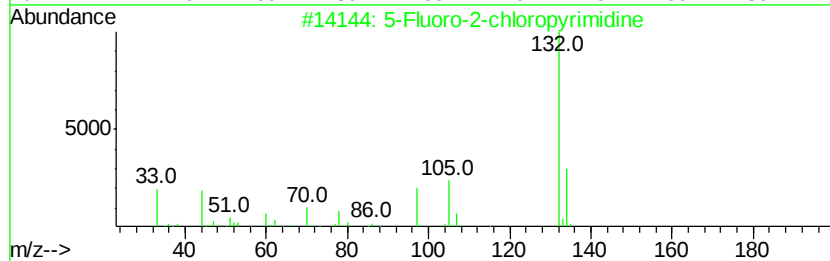
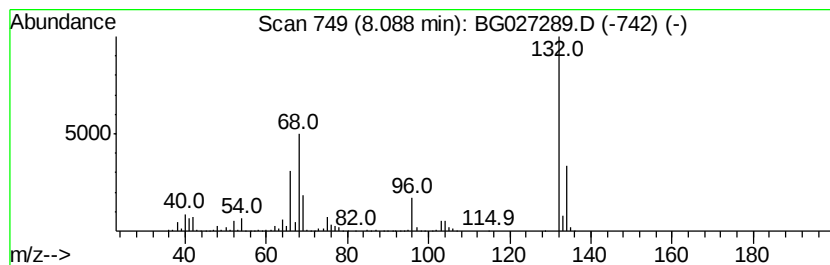
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Peak Number 2 unknown8.09 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 8.09 | 116.47 ng | 1778700 | 1,4-Dichlorobenzene-d4 | 8.56 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm   | CAS#         | Qual |
|---------|-------------------------------------|--------------|-----|-----------|--------------|------|
| 1       | 5-Fluoro-2-chloropyrimidine         |              | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 2       | Tranylcypromine-propionyl           |              | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 3       | (E)-3-Chloro-2-methyl-2-pentenal    |              | 132 | C6H9ClO   | 031357-76-3  | 9    |
| 4       | Bicyclo[4.2.0]octa-1,3,5-triene,... |              | 132 | C10H12    | 028749-81-7  | 9    |
| 5       | Benzene, 1-ethenyl-3,5-dimethyl-    |              | 132 | C10H12    | 005379-20-4  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.70 | 10.2    | ng    | 156027   | 1                     | 8.56 | 305425 | 20.0 |
| unknown8.09          | 8.09 | 116.5   | ng    | 1778700  | 1                     | 8.56 | 305425 | 20.0 |