

Data Path : Z:\HPCHEM1\BNA G\Data\BG030417\  
 Data File : BG026066.D  
 Acq On : 3 Mar 2017 16:30  
 Operator : SJ/MA  
 Sample : PB97313BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB97313BL

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG021717.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         | 5.168       | 305           | 311         | 320          | rVB      | 540187         | 806070        | 12.68%          | 2.614%        |
| 2         | 5.638       | 384           | 391         | 402          | rBV      | 1241551        | 1960642       | 30.85%          | 6.357%        |
| 3         | 7.224       | 652           | 661         | 675          | rBV      | 1139904        | 1912505       | 30.10%          | 6.201%        |
| 4         | 7.600       | 717           | 725         | 737          | rBV      | 1179262        | 2053529       | 32.32%          | 6.659%        |
| 5         | 8.070       | 797           | 805         | 815          | rBV      | 375248         | 628343        | 9.89%           | 2.037%        |
| 6         | 8.393       | 853           | 860         | 873          | rVB      | 1407578        | 2393196       | 37.66%          | 7.760%        |
| 7         | 9.222       | 993           | 1001        | 1011         | rBV      | 961965         | 1738550       | 27.36%          | 5.637%        |
| 8         | 10.867      | 1271          | 1281        | 1292         | rBV      | 495019         | 908547        | 14.30%          | 2.946%        |
| 9         | 13.299      | 1688          | 1695        | 1707         | rBV      | 2763060        | 4427567       | 69.68%          | 14.356%       |
| 10        | 14.674      | 1921          | 1929        | 1940         | rBV2     | 728970         | 1195546       | 18.81%          | 3.877%        |
| 11        | 16.149      | 2173          | 2180        | 2194         | rBV      | 1289904        | 1982022       | 31.19%          | 6.427%        |
| 12        | 17.400      | 2384          | 2393        | 2405         | rBV2     | 966108         | 1474704       | 23.21%          | 4.782%        |
| 13        | 19.997      | 2829          | 2835        | 2851         | rBV      | 4414216        | 6354533       | 100.00%         | 20.604%       |
| 14        | 21.648      | 3109          | 3116        | 3125         | rBV      | 887981         | 1522335       | 23.96%          | 4.936%        |
| 15        | 24.845      | 3649          | 3660        | 3673         | rBV2     | 484738         | 1482525       | 23.33%          | 4.807%        |

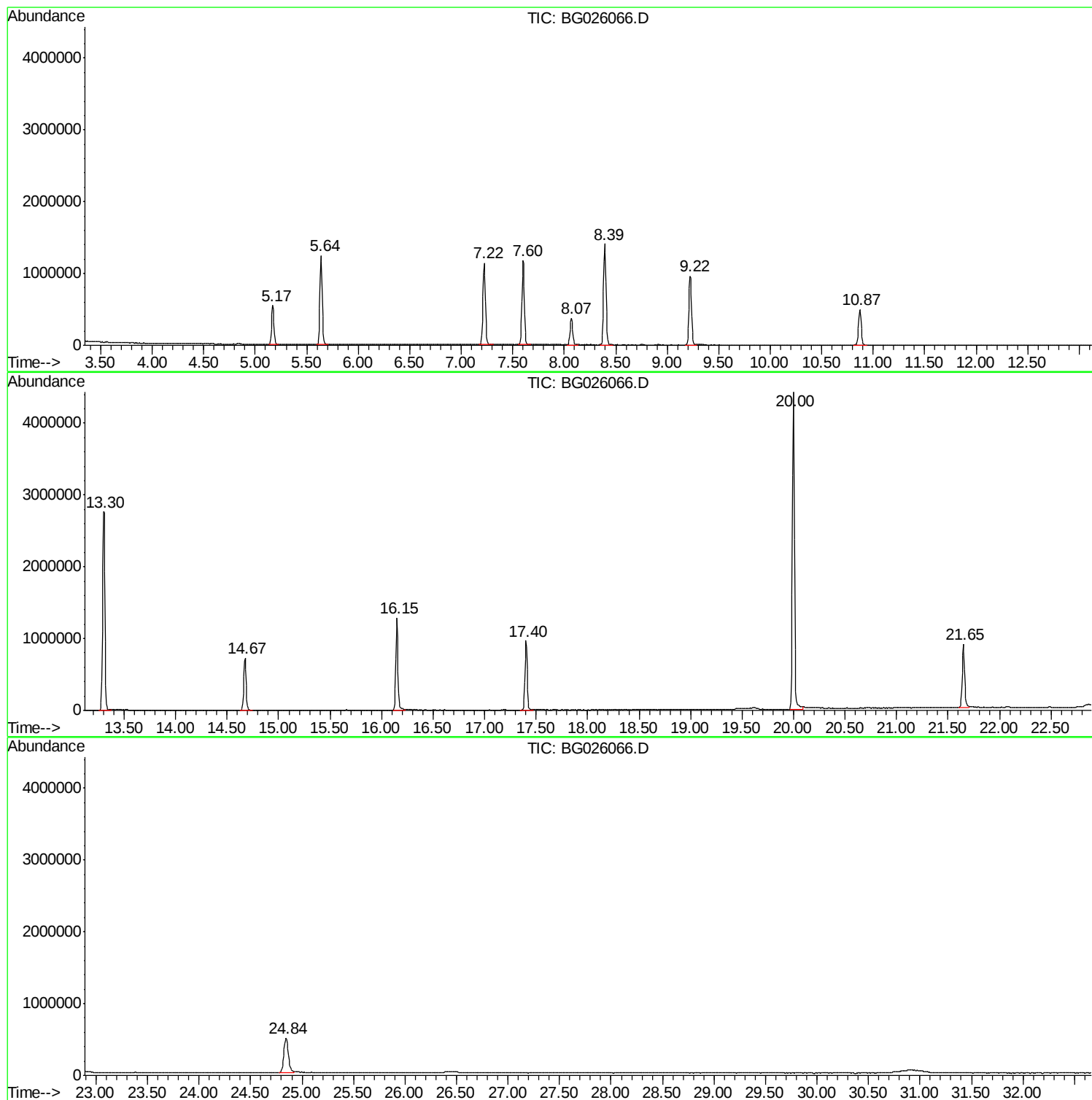
Sum of corrected areas: 30840614

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.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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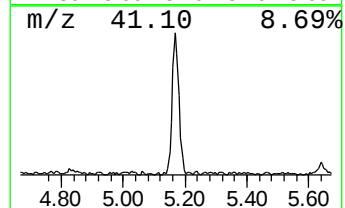
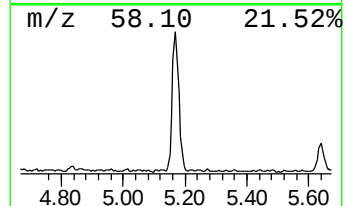
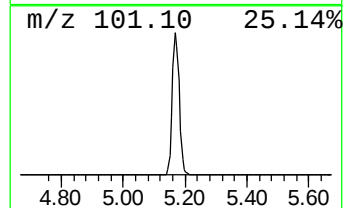
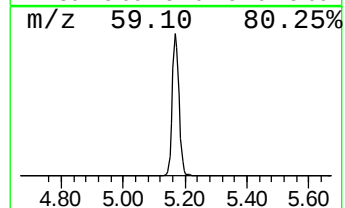
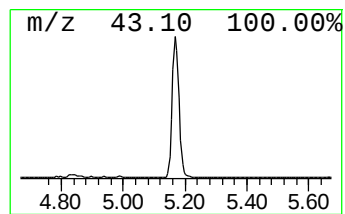
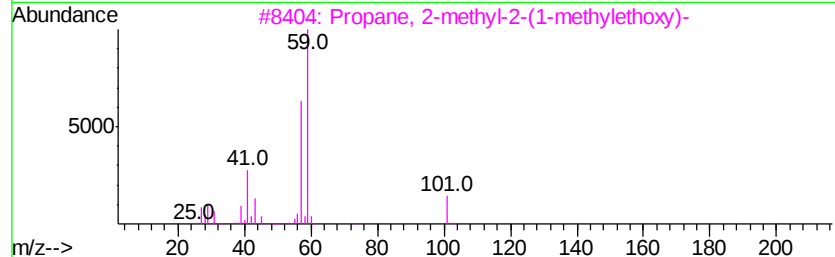
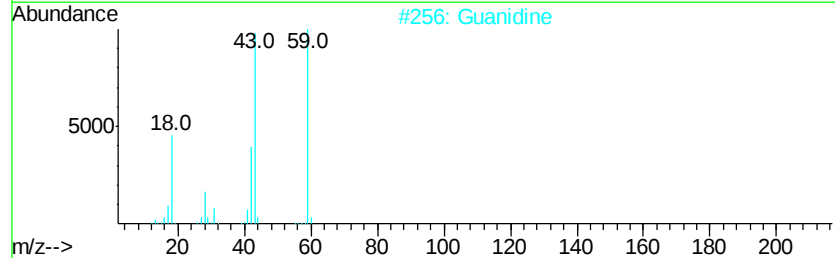
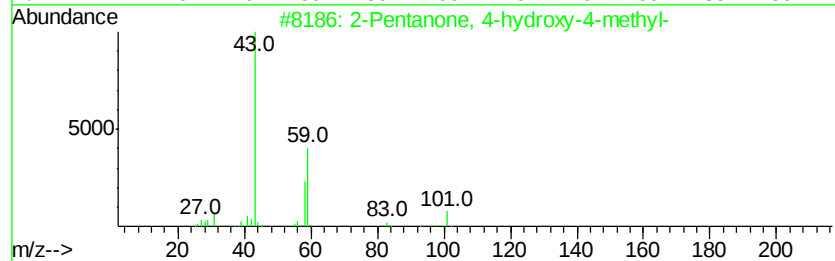
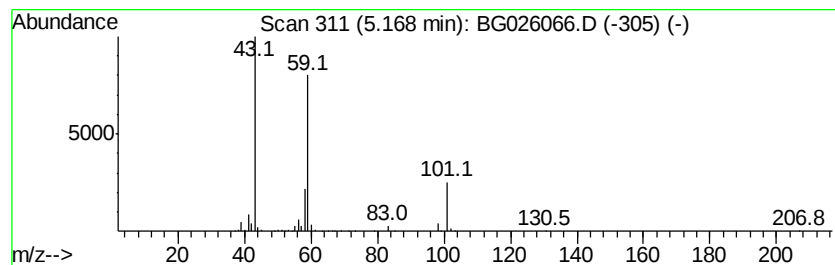
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TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.17 | 25.66 ng | 806070 | 1,4-Dichlorobenzene-d4 | 8.07 |

| 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    |    |   | Propane, 2-methyl-2-(1-methylethoxy)- | 116 | C7H16O   | 017348-59-3 | 33   |
| 4    |    |   | 1,8-Nonanediol, 8-methyl-             | 174 | C10H22O2 | 054725-73-4 | 28   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethyl-    | 141 | C7H11NO2 | 001116-98-9 | 25   |



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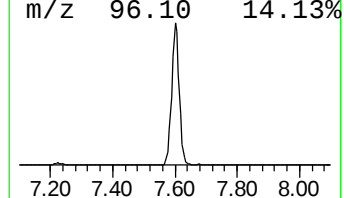
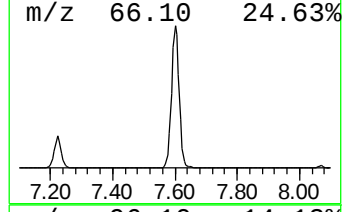
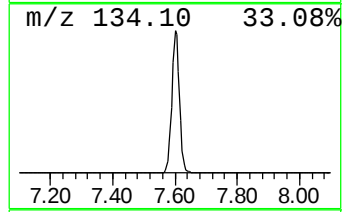
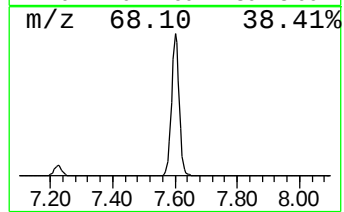
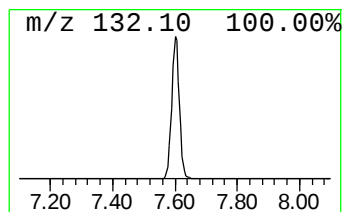
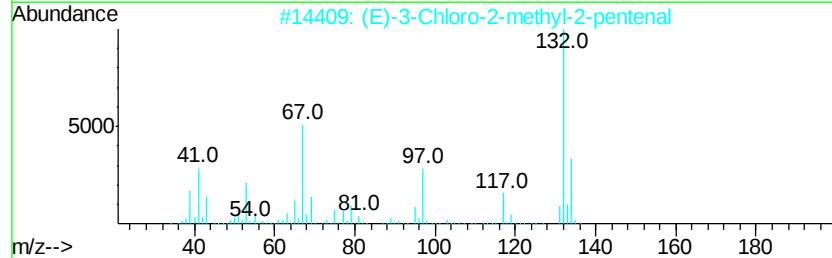
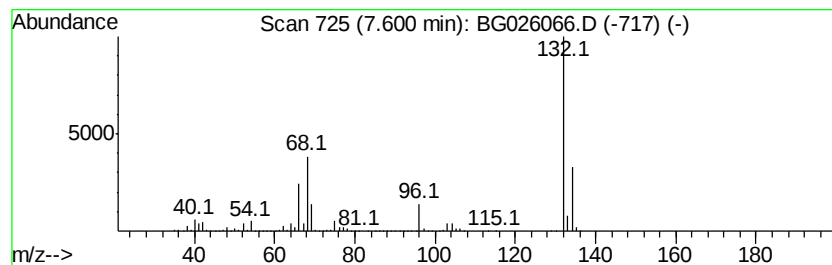
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Peak Number 2 unknown7.60 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.60 | 65.36 ng | 2053530 | 1,4-Dichlorobenzene-d4 | 8.07 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | Tranvlcypropine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 9    |
| 5    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.17 | 25.7    | ng    | 806070   | 1                     | 8.07 | 628343 | 20.0 |
| unknown7.60          | 7.60 | 65.4    | ng    | 2053530  | 1                     | 8.07 | 628343 | 20.0 |