

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060917\  
 Data File : BG027350.D  
 Acq On : 9 Jun 2017 16:49  
 Operator : SJ/MA  
 Sample : PB99618BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB99618BL

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-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         | 5.698       | 335           | 342         | 351          | rBV      | 99546          | 164473        | 4.02%           | 0.850%        |
| 2         | 6.144       | 410           | 418         | 430          | rBV      | 937003         | 1596028       | 39.01%          | 8.244%        |
| 3         | 7.690       | 673           | 681         | 695          | rBV      | 902648         | 1674190       | 40.93%          | 8.648%        |
| 4         | 8.089       | 741           | 749         | 761          | rBV      | 882912         | 1598008       | 39.06%          | 8.254%        |
| 5         | 8.553       | 821           | 828         | 837          | rBV      | 140987         | 262881        | 6.43%           | 1.358%        |
| 6         | 8.882       | 876           | 884         | 894          | rVB      | 588479         | 1102431       | 26.95%          | 5.695%        |
| 7         | 9.717       | 1017          | 1026        | 1038         | rBV      | 486769         | 946753        | 23.14%          | 4.890%        |
| 8         | 11.374      | 1300          | 1308        | 1317         | rVB      | 215644         | 406911        | 9.95%           | 2.102%        |
| 9         | 13.759      | 1707          | 1714        | 1722         | rBV      | 1427968        | 2353540       | 57.53%          | 12.157%       |
| 10        | 15.134      | 1941          | 1948        | 1960         | rBV2     | 342152         | 579425        | 14.16%          | 2.993%        |
| 11        | 16.620      | 2193          | 2201        | 2211         | rBV      | 1226976        | 1950030       | 47.67%          | 10.073%       |
| 12        | 17.884      | 2409          | 2416        | 2426         | rBV      | 475835         | 770572        | 18.84%          | 3.980%        |
| 13        | 20.463      | 2849          | 2855        | 2862         | rBV      | 2981437        | 4090816       | 100.00%         | 21.131%       |
| 14        | 22.273      | 3155          | 3163        | 3172         | rBV      | 503965         | 965234        | 23.60%          | 4.986%        |
| 15        | 25.956      | 3778          | 3790        | 3806         | rVB2     | 271510         | 898042        | 21.95%          | 4.639%        |

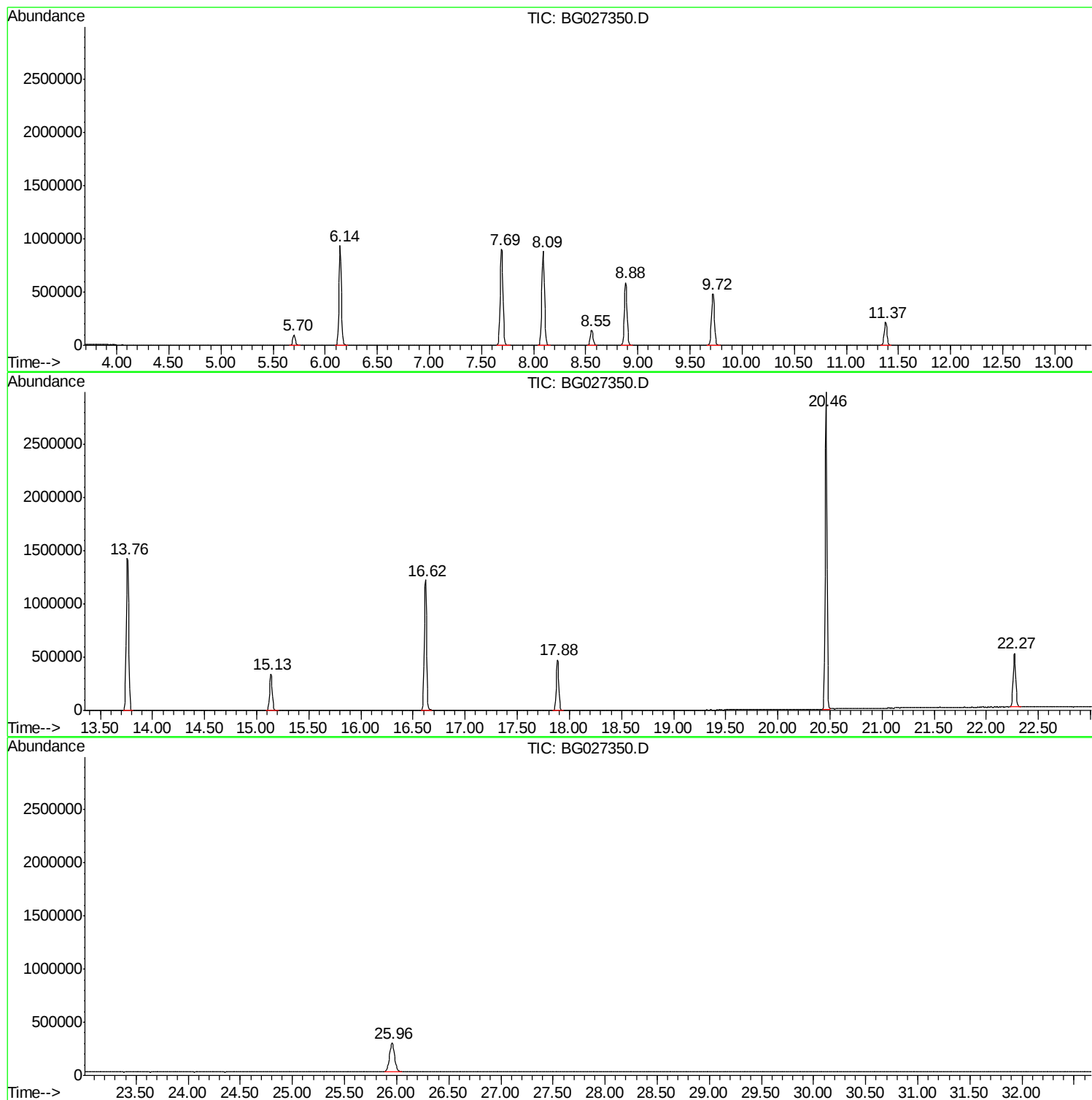
Sum of corrected areas: 19359334

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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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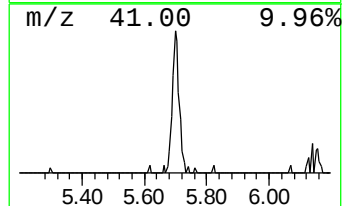
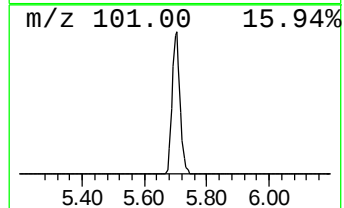
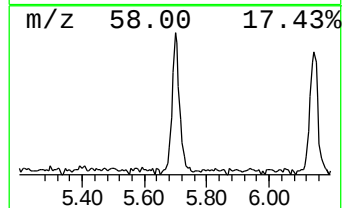
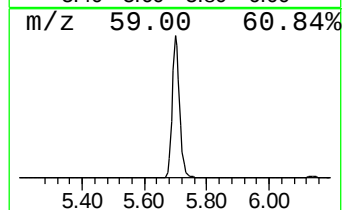
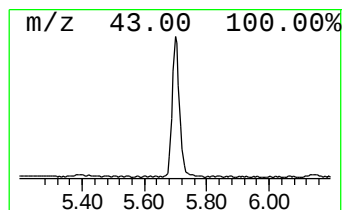
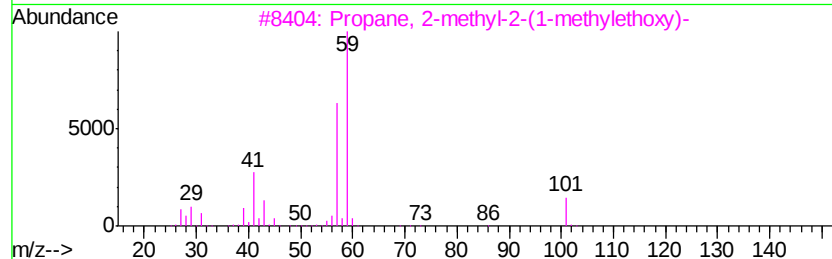
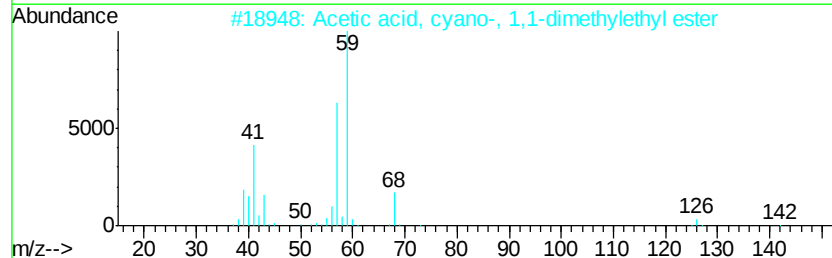
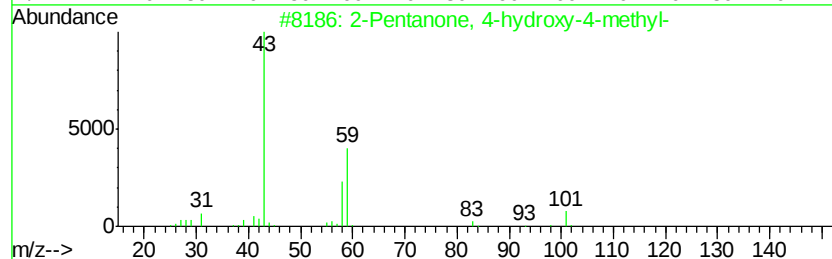
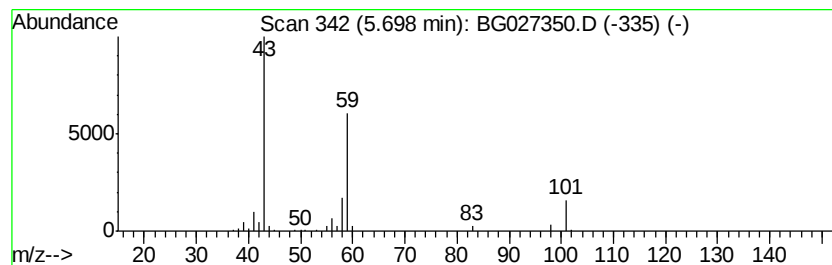
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060517.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.70 | 12.51 ng | 164473 | 1,4-Dichlorobenzene-d4 | 8.55 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 37   |
| 3    |    |   | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O   | 017348-59-3 | 36   |
| 4    |    |   | 3-Octanol                           | 130 | C8H18O   | 000589-98-0 | 33   |
| 5    |    |   | 2-Hexanol, 2-methyl-                | 116 | C7H16O   | 000625-23-0 | 28   |



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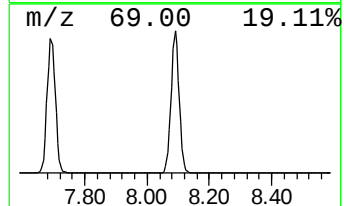
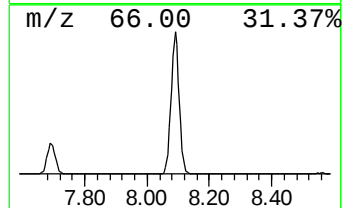
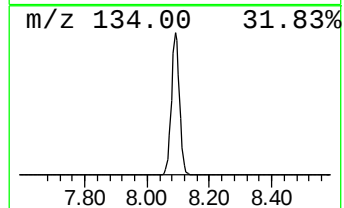
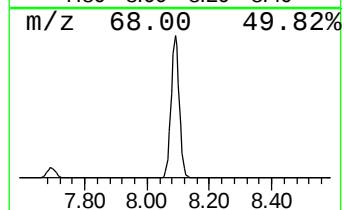
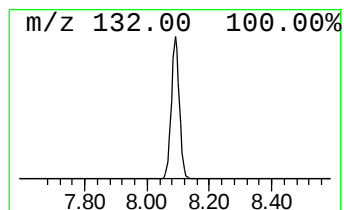
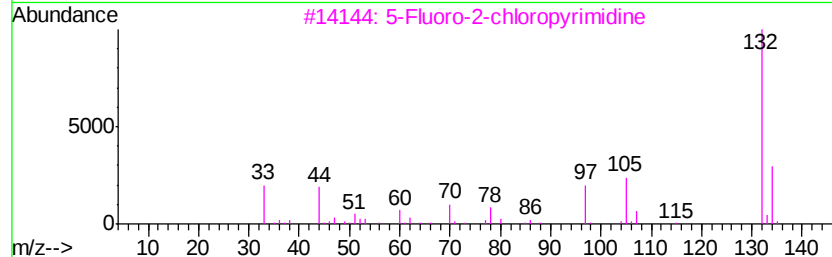
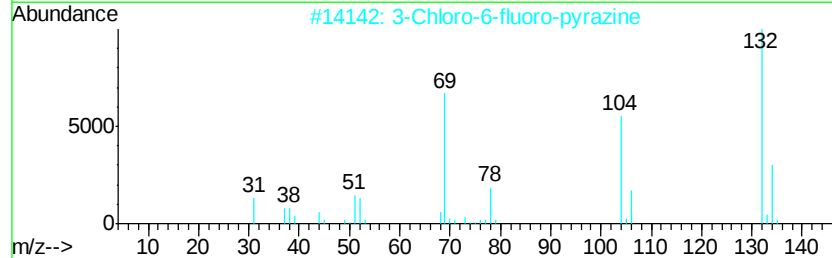
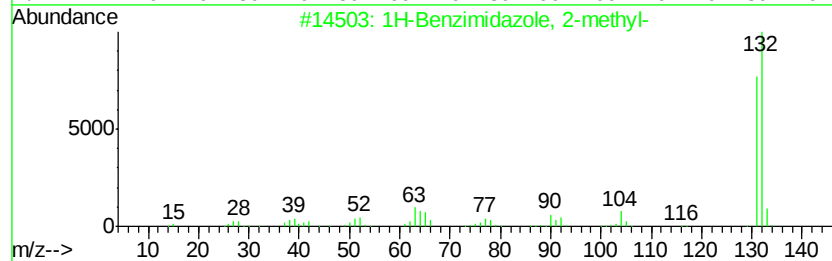
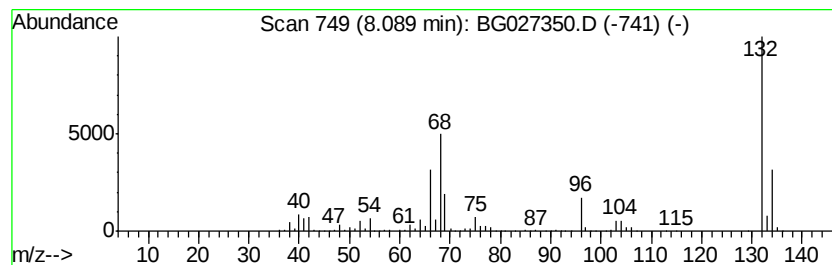
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Peak Number 2 unknown8.09 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 8.09 | 121.58 ng | 1598010 | 1,4-Dichlorobenzene-d4 | 8.55 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|-----------|-------------------------------------|-----|-----------|--------------|------|
| 1         | 1H-Benzimidazole, 2-methyl-         | 132 | C8H8N2    | 000615-15-6  | 25   |
| 2         | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 3         | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 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 | 12.5    | ng    | 164473   | 1                     | 8.55 | 262881 | 20.0 |
| unknown8.09          | 8.09 | 121.6   | ng    | 1598010  | 1                     | 8.55 | 262881 | 20.0 |