

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\  
 Data File : BG028755.D  
 Acq On : 15 Sep 2017 5:58  
 Operator : SJ/JU  
 Sample : I5224-06  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 091117-SIDI-E-U-S

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-BG091217.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         | 5.441       | 307           | 315         | 321          | rBV      | 58084          | 97620         | 3.03%           | 0.814%        |
| 2         | 5.905       | 386           | 394         | 408          | rBV      | 253905         | 449228        | 13.93%          | 3.748%        |
| 3         | 7.480       | 655           | 662         | 672          | rBV2     | 207821         | 399769        | 12.39%          | 3.335%        |
| 4         | 7.862       | 719           | 727         | 739          | rBV      | 334786         | 605339        | 18.77%          | 5.050%        |
| 5         | 8.326       | 799           | 806         | 817          | rBV      | 113249         | 204317        | 6.33%           | 1.705%        |
| 6         | 8.655       | 853           | 862         | 870          | rBV      | 428288         | 768805        | 23.83%          | 6.414%        |
| 7         | 9.501       | 998           | 1006        | 1017         | rBV      | 324755         | 645323        | 20.01%          | 5.384%        |
| 8         | 11.146      | 1279          | 1286        | 1297         | rBV      | 140488         | 275833        | 8.55%           | 2.301%        |
| 9         | 13.561      | 1689          | 1697        | 1708         | rBV      | 1070901        | 1730167       | 53.64%          | 14.435%       |
| 10        | 14.942      | 1922          | 1932        | 1942         | rBV2     | 262266         | 457926        | 14.20%          | 3.821%        |
| 11        | 16.428      | 2178          | 2185        | 2195         | rBV      | 619218         | 1012171       | 31.38%          | 8.445%        |
| 12        | 17.691      | 2393          | 2400        | 2409         | rBV2     | 398453         | 642475        | 19.92%          | 5.360%        |
| 13        | 20.276      | 2833          | 2840        | 2852         | rBV      | 2377482        | 3225799       | 100.00%         | 26.913%       |
| 14        | 22.022      | 3129          | 3137        | 3147         | rBV2     | 397042         | 767898        | 23.80%          | 6.407%        |
| 15        | 25.517      | 3721          | 3732        | 3745         | rBV      | 214908         | 703175        | 21.80%          | 5.867%        |

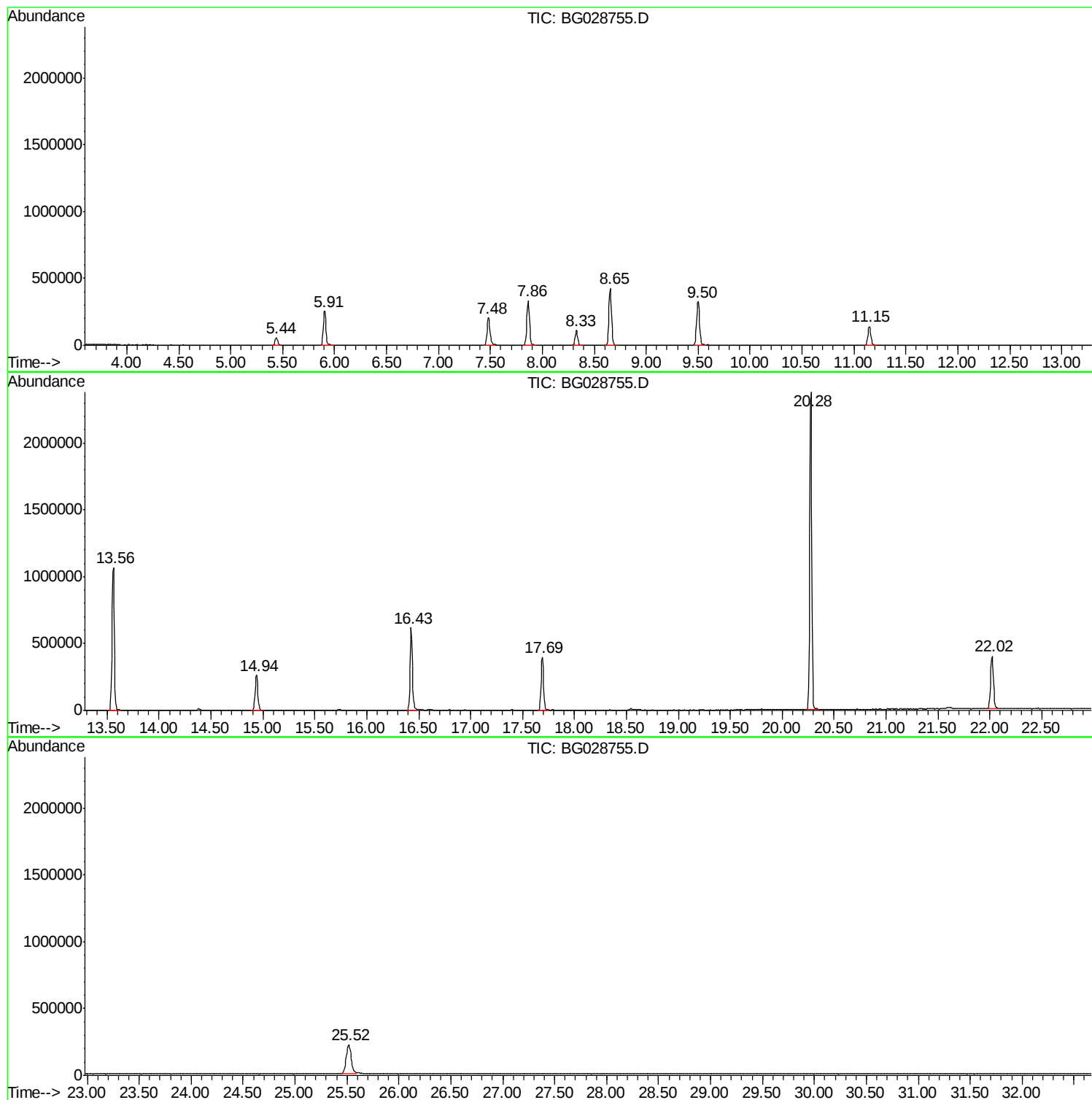
Sum of corrected areas: 11985845

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.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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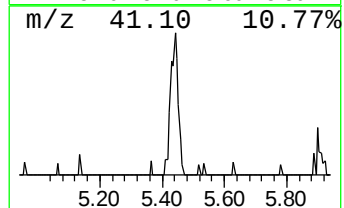
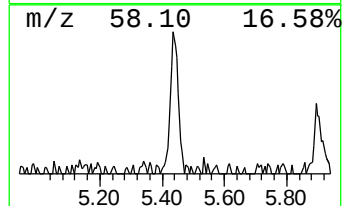
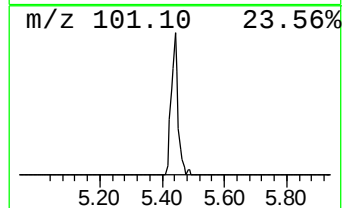
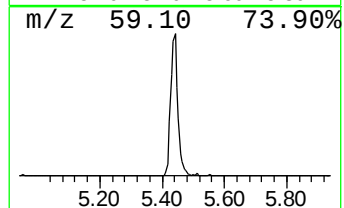
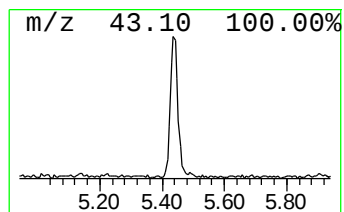
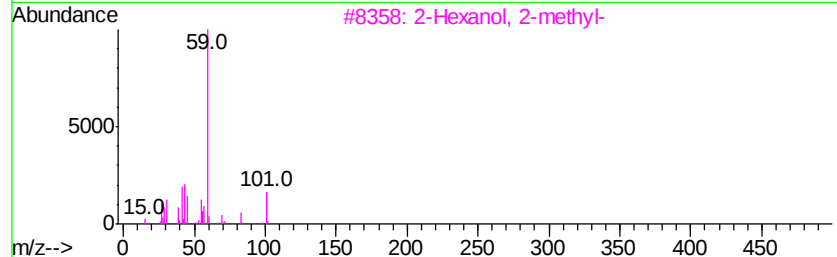
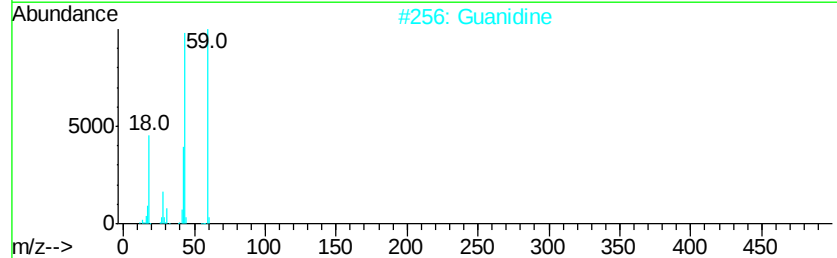
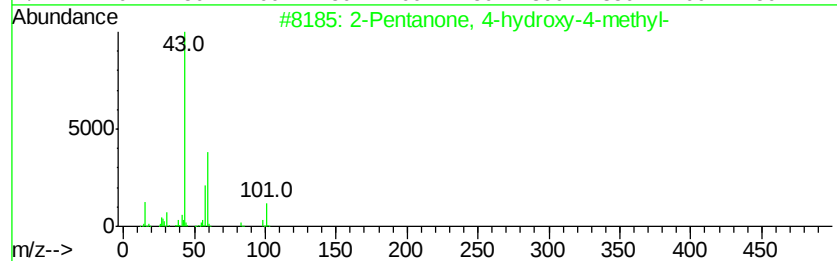
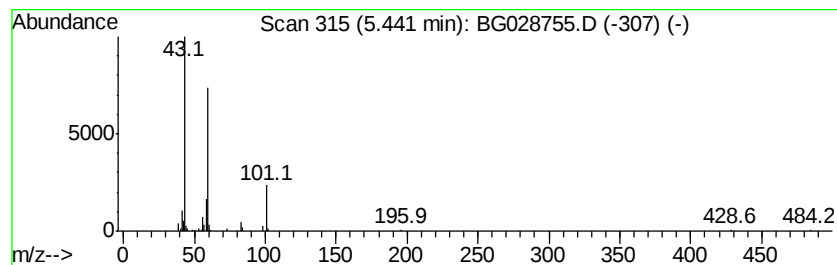
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|-------|------------------------|------|
| 5.44 | 9.56 ng | 97620 | 1,4-Dichlorobenzene-d4 | 8.33 |

| 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  | 50   |
| 3    |    |   | 2-Hexanol, 2-methyl-             | 116 | C7H16O   | 000625-23-0  | 45   |
| 4    |    |   | 1,8-Nonanediol, 8-methyl-        | 174 | C10H22O2 | 054725-73-4  | 38   |
| 5    |    |   | n-Propyl t-butyl ether           | 116 | C7H16O   | 1000334-81-9 | 36   |



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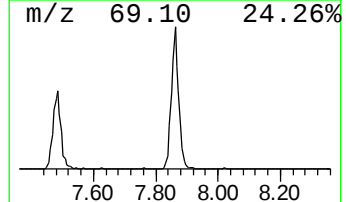
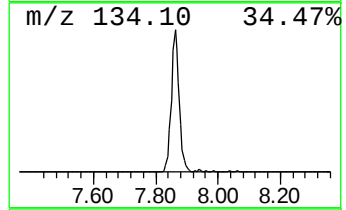
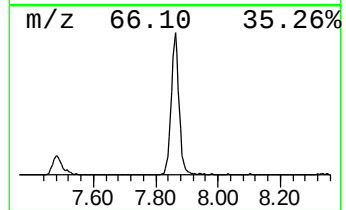
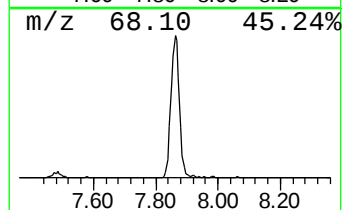
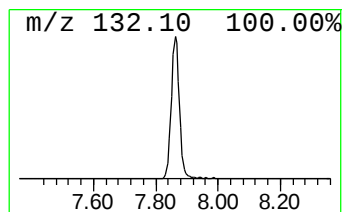
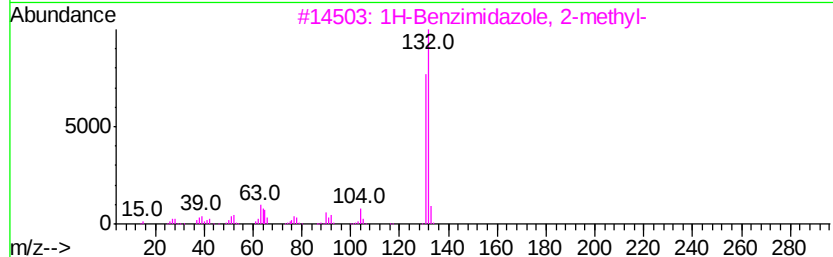
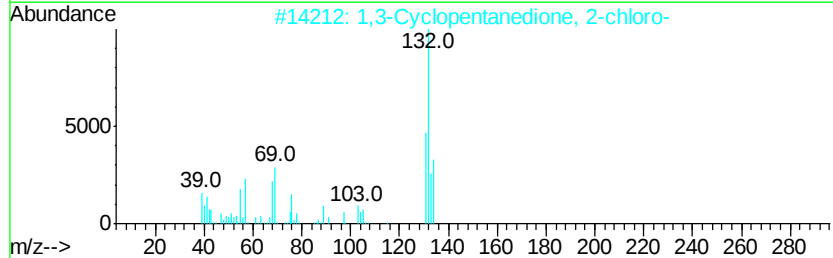
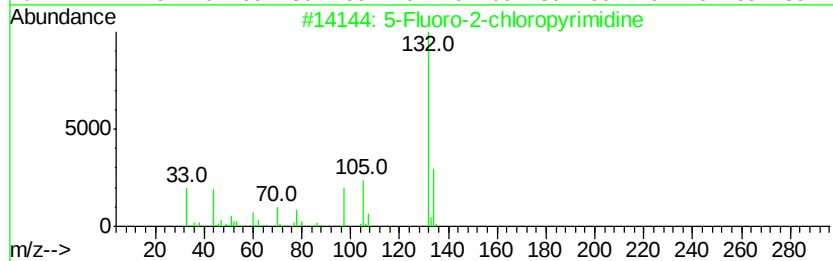
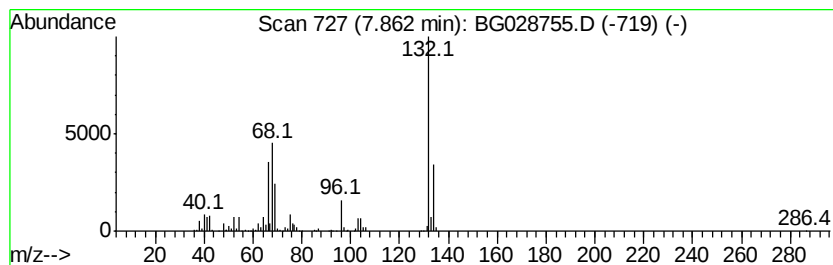
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Peak Number 2 unknown7.86 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.86 | 59.25 ng | 605339 | 1,4-Dichlorobenzene-d4 | 8.33 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 27   |
| 2    |    | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 23   |
| 3    |    | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 12   |
| 5    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.44 | 9.6     | ng    | 97620    | 1                     | 8.33 | 204317 | 20.0 |
| unknown7.86          | 7.86 | 59.3    | ng    | 605339   | 1                     | 8.33 | 204317 | 20.0 |