

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\  
 Data File : BG028754.D  
 Acq On : 15 Sep 2017 5:19  
 Operator : SJ/JU  
 Sample : I5224-05  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

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

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         | 5.438       | 307           | 315         | 322          | rBV      | 61851          | 99149         | 3.14%           | 0.820%        |
| 2         | 5.902       | 388           | 394         | 407          | rBV      | 270894         | 473003        | 14.96%          | 3.910%        |
| 3         | 7.482       | 655           | 663         | 674          | rBV      | 220007         | 423109        | 13.38%          | 3.497%        |
| 4         | 7.864       | 720           | 728         | 739          | rBV      | 339755         | 627794        | 19.85%          | 5.189%        |
| 5         | 8.328       | 800           | 807         | 815          | rVB      | 118655         | 204551        | 6.47%           | 1.691%        |
| 6         | 8.652       | 855           | 862         | 871          | rBV      | 423908         | 782149        | 24.74%          | 6.465%        |
| 7         | 9.498       | 998           | 1006        | 1019         | rBV      | 340806         | 659285        | 20.85%          | 5.449%        |
| 8         | 11.149      | 1279          | 1287        | 1296         | rBV      | 149656         | 278693        | 8.81%           | 2.304%        |
| 9         | 13.558      | 1690          | 1697        | 1711         | rBV      | 1113519        | 1783634       | 56.41%          | 14.743%       |
| 10        | 14.938      | 1924          | 1932        | 1945         | rBV3     | 266782         | 455160        | 14.39%          | 3.762%        |
| 11        | 16.431      | 2178          | 2186        | 2196         | rBV      | 599489         | 1030949       | 32.61%          | 8.522%        |
| 12        | 17.688      | 2389          | 2400        | 2411         | rBV2     | 390080         | 648553        | 20.51%          | 5.361%        |
| 13        | 20.273      | 2834          | 2840        | 2849         | rBV      | 2304000        | 3161933       | 100.00%         | 26.136%       |
| 14        | 22.018      | 3130          | 3137        | 3148         | rBV2     | 401109         | 751943        | 23.78%          | 6.215%        |
| 15        | 25.520      | 3720          | 3733        | 3749         | rBV      | 211097         | 718241        | 22.72%          | 5.937%        |

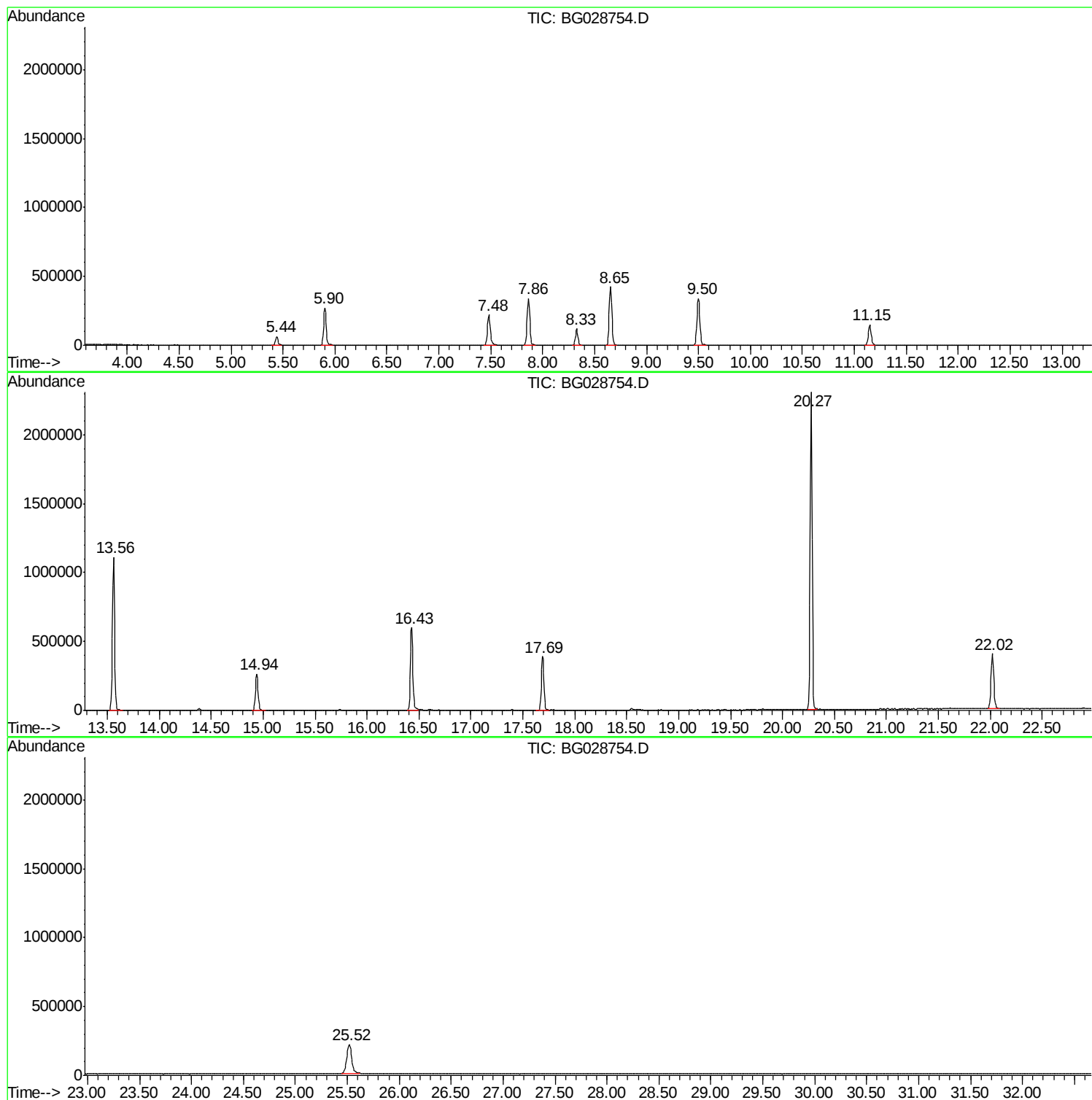
Sum of corrected areas: 12098146

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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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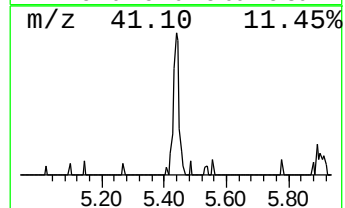
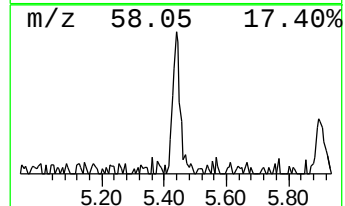
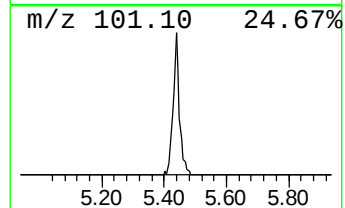
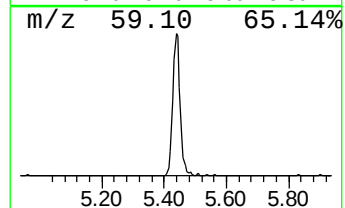
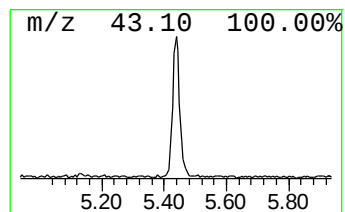
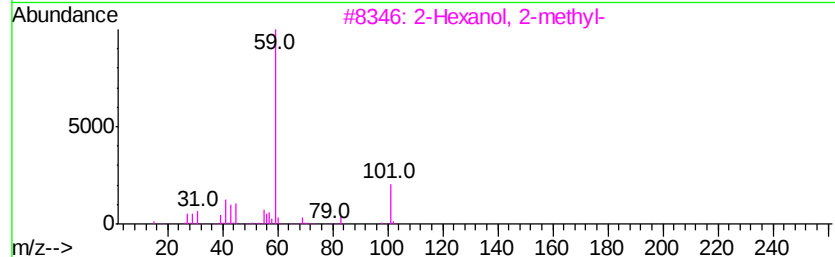
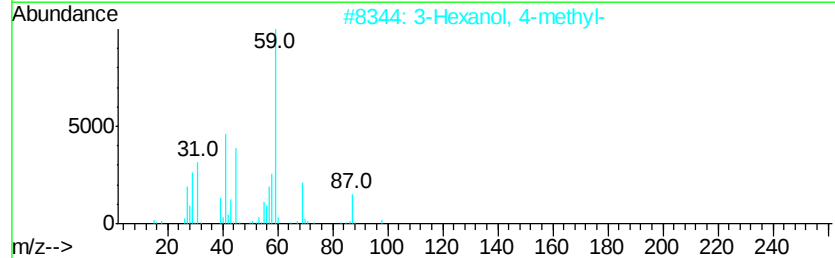
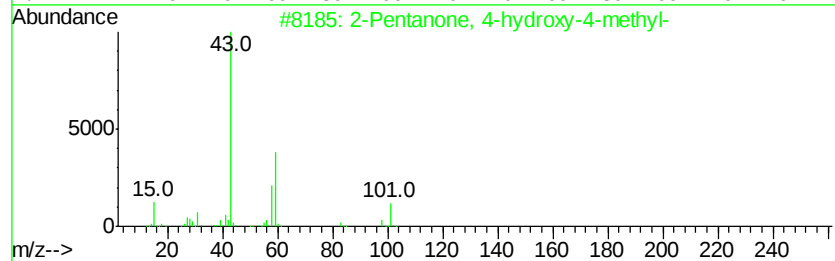
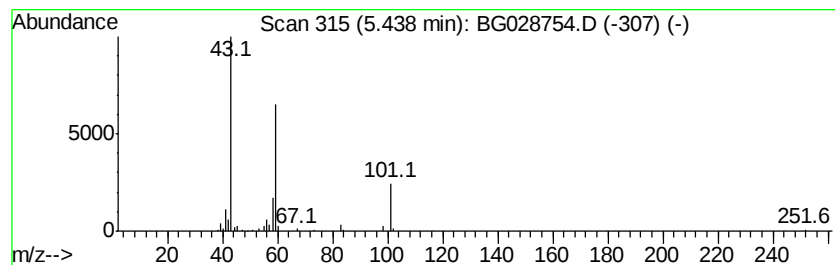
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.44 | 9.69 ng | 99149 | 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 | 64   |
| 2    |    |   | 3-Hexanol, 4-methyl-               | 116 | C7H16O   | 000615-29-2 | 25   |
| 3    |    |   | 2-Hexanol, 2-methyl-               | 116 | C7H16O   | 000625-23-0 | 25   |
| 4    |    |   | 3-Hydroxy-3-methyl-2-butanone      | 102 | C5H10O2  | 000115-22-0 | 25   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethyl- | 141 | C7H11NO2 | 001116-98-9 | 25   |



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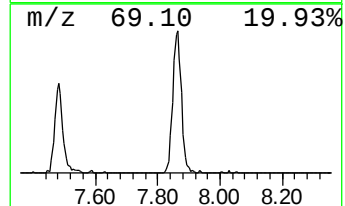
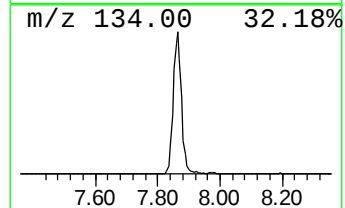
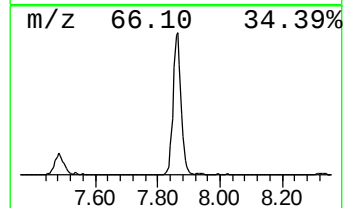
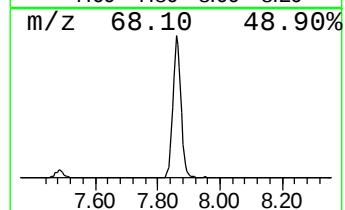
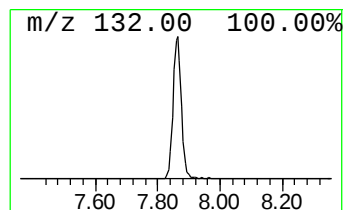
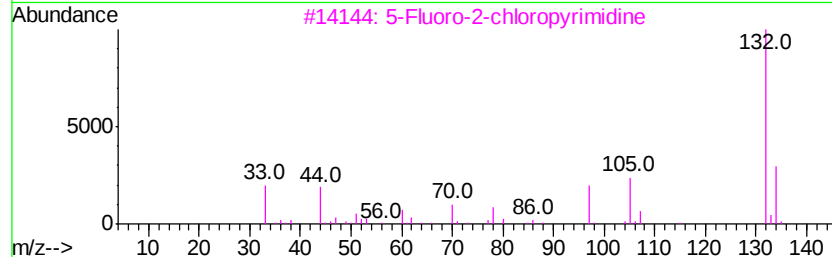
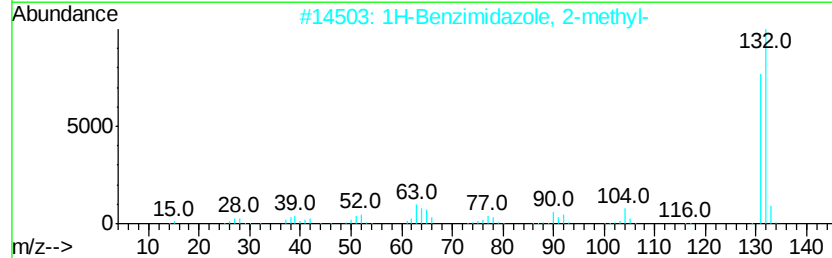
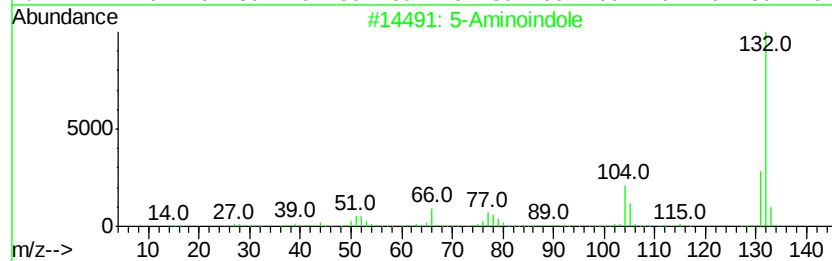
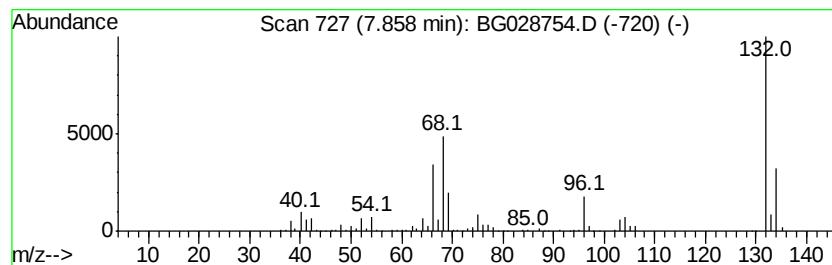
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Peak Number 2 unknown7.86 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.86 | 61.38 ng | 627794 | 1,4-Dichlorobenzene-d4 | 8.33 |

| Hit# | of | Tentative ID                         | MW  | MolForm   | CAS#         | Qual |
|------|----|--------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 5-Aminoindole                        | 132 | C8H8N2    | 005192-03-0  | 22   |
| 2    |    | 1H-Benzimidazole, 2-methyl-          | 132 | C8H8N2    | 000615-15-6  | 22   |
| 3    |    | 5-Fluoro-2-chloropyrimidine          | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 4    |    | N-(-3,4-Methylenedioxyphenyl)isop... | 267 | C17H17NO2 | 1000378-96-6 | 10   |
| 5    |    | 3-Ethylphenyl isocyanate             | 147 | C9H9NO    | 023138-58-1  | 10   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.44 | 9.7     | ng    | 99149    | 1                     | 8.33 | 204551 | 20.0 |
| unknown7.86          | 7.86 | 61.4    | ng    | 627794   | 1                     | 8.33 | 204551 | 20.0 |