

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\  
 Data File : BG035148.D  
 Acq On : 14 Jun 2018 21:46  
 Operator : SJ/JU  
 Sample : J3502-02  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20180366-FIELD-BLANK

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:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG060718.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         | 5.174       | 311           | 321         | 332          | rBV      | 877568         | 1338823       | 27.90%          | 8.664%        |
| 2         | 5.638       | 395           | 400         | 407          | rBV3     | 32533          | 67903         | 1.42%           | 0.439%        |
| 3         | 7.213       | 660           | 668         | 677          | rBV2     | 82587          | 161776        | 3.37%           | 1.047%        |
| 4         | 7.600       | 727           | 734         | 743          | rBV2     | 83721          | 176209        | 3.67%           | 1.140%        |
| 5         | 8.064       | 806           | 813         | 820          | rVB      | 167364         | 270291        | 5.63%           | 1.749%        |
| 6         | 8.387       | 859           | 868         | 879          | rBV      | 627916         | 1051037       | 21.90%          | 6.802%        |
| 7         | 9.222       | 1001          | 1010        | 1019         | rBV      | 531707         | 965599        | 20.12%          | 6.249%        |
| 8         | 10.866      | 1282          | 1290        | 1298         | rVB      | 211548         | 384195        | 8.01%           | 2.486%        |
| 9         | 13.310      | 1699          | 1706        | 1715         | rBV      | 1631566        | 2537760       | 52.89%          | 16.424%       |
| 10        | 14.685      | 1933          | 1940        | 1950         | rBV3     | 395387         | 792501        | 16.52%          | 5.129%        |
| 11        | 17.428      | 2397          | 2407        | 2418         | rBV      | 600060         | 915547        | 19.08%          | 5.925%        |
| 12        | 20.036      | 2844          | 2851        | 2860         | rBV      | 3585905        | 4798538       | 100.00%         | 31.055%       |
| 13        | 21.699      | 3127          | 3134        | 3142         | rVB      | 622955         | 1052862       | 21.94%          | 6.814%        |
| 14        | 24.924      | 3672          | 3683        | 3698         | rBV2     | 293739         | 938856        | 19.57%          | 6.076%        |

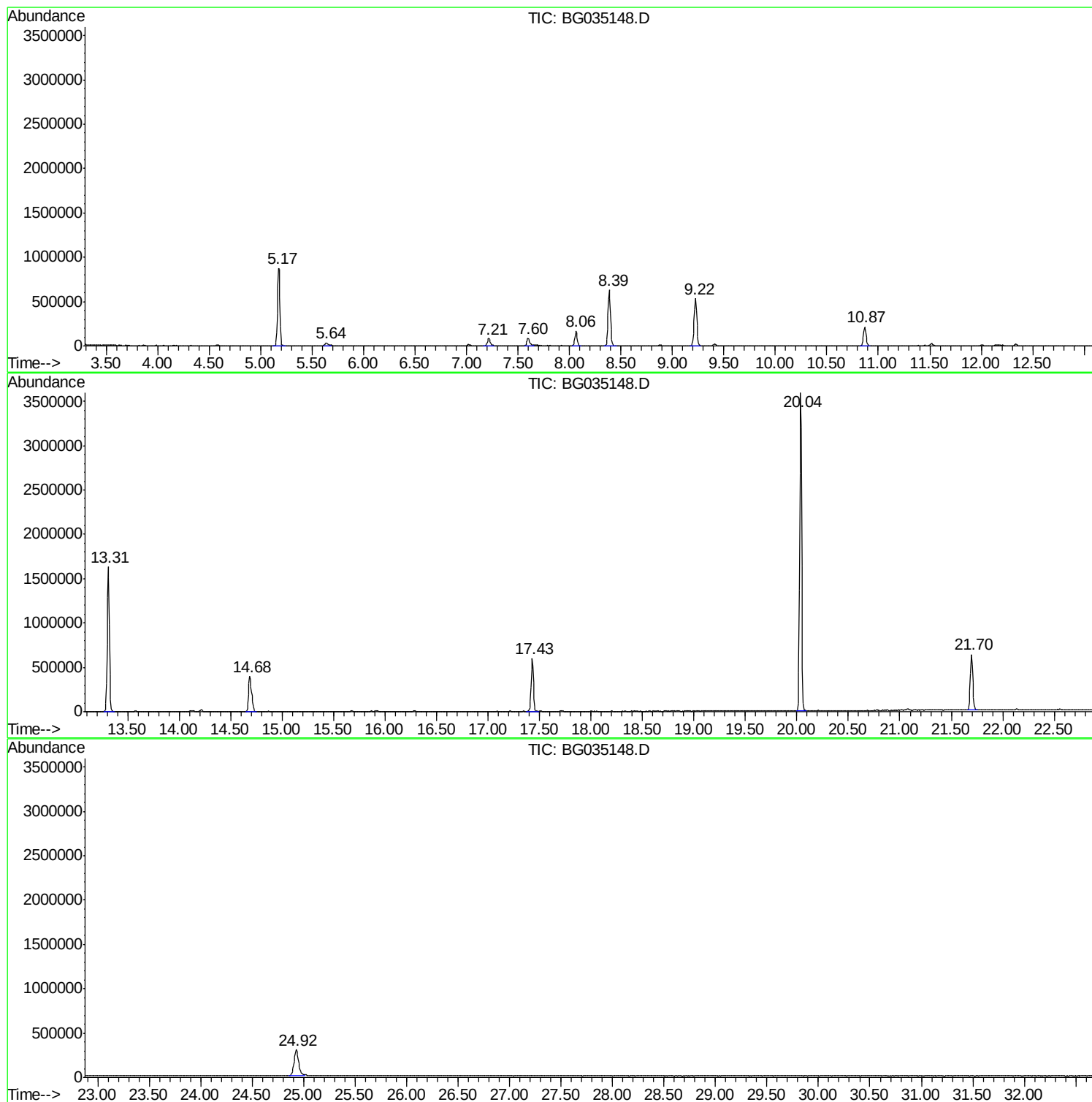
Sum of corrected areas: 15451897

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.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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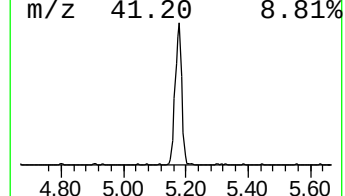
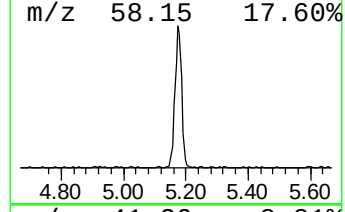
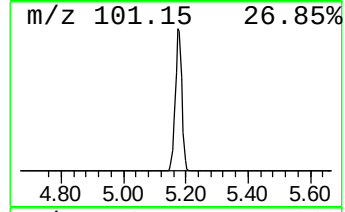
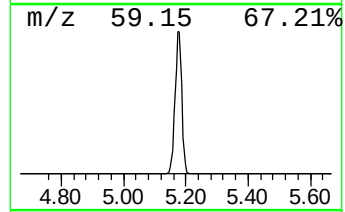
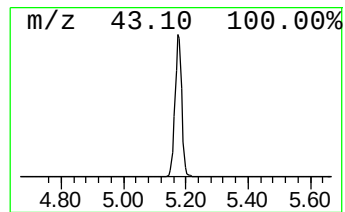
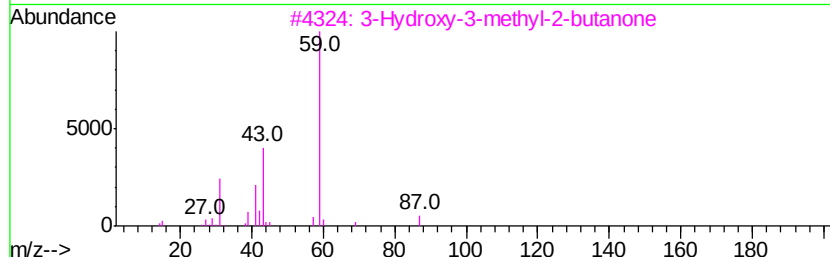
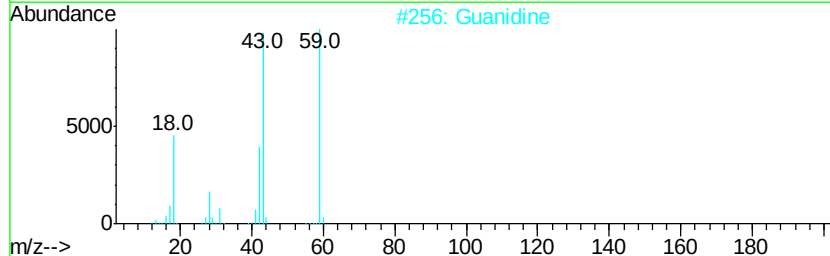
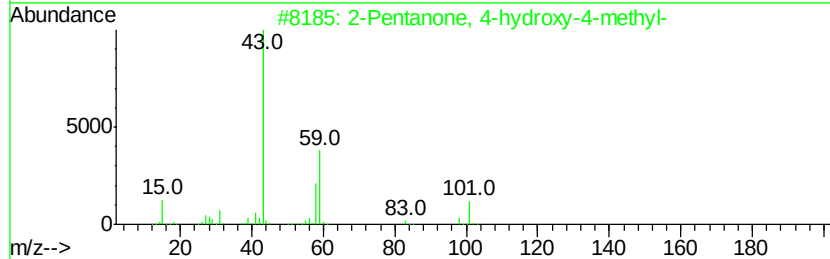
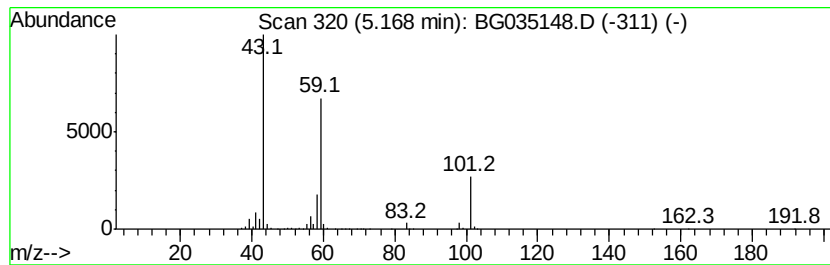
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TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.17 | 99.07 ng | 1338820 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    | Guanidine                            | 59  | CH5N3    | 000113-00-8 | 43   |
| 3    |    | 3-Hydroxy-3-methyl-2-butanone        | 102 | C5H10O2  | 000115-22-0 | 25   |
| 4    |    | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 5    |    | Acetone                              | 58  | C3H6O    | 000067-64-1 | 10   |



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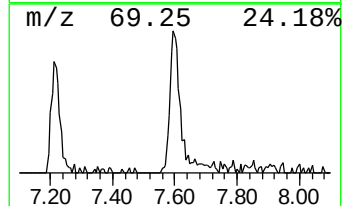
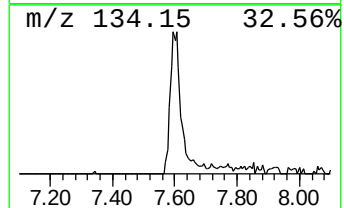
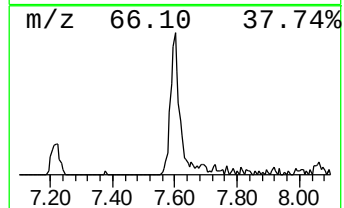
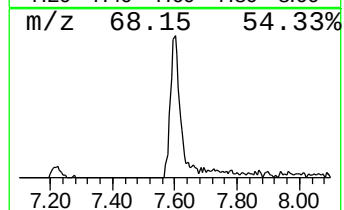
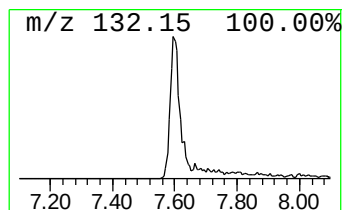
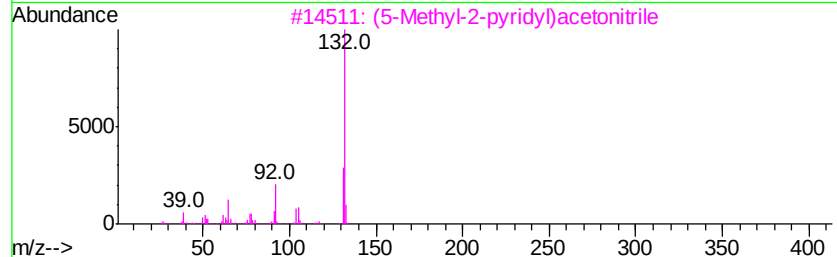
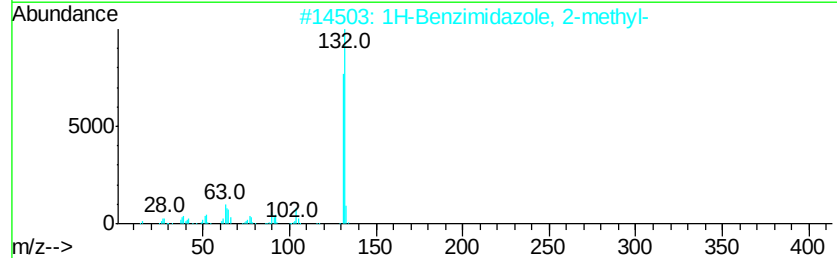
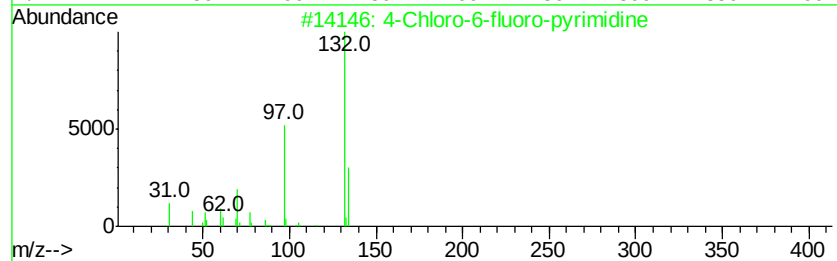
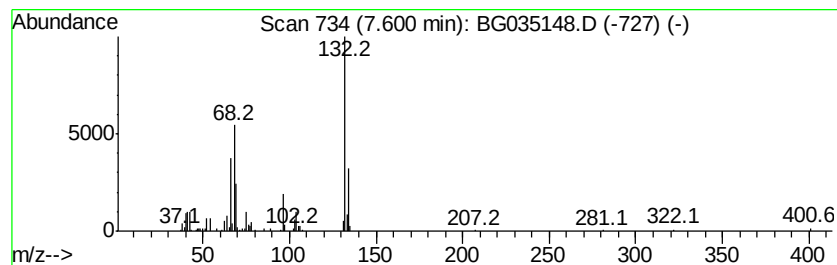
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Peak Number 2 unknown7.60 Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.60 | 13.04 ng | 176209 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 22   |
| 3    |    | (5-Methyl-2-pyridyl)acetonitrile | 132 | C8H8N2    | 1000241-93-9 | 22   |
| 4    |    | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 5    |    | Imidazole, 4,5-dicyano-1-methyl- | 132 | C6H4N4    | 019485-35-9  | 14   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.17 | 99.1    | ng    | 1338820  | 1                     | 8.06 | 270291 | 20.0 |
| unknown7.60          | 7.60 | 13.0    | ng    | 176209   | 1                     | 8.06 | 270291 | 20.0 |