

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\  
 Data File : BG043314.D  
 Acq On : 23 Oct 2019 18:41  
 Operator : JU  
 Sample : K5489-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MAIN-STOCKPILE-SLP

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-BG102119.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         | 3.194       | 13            | 18          | 31           | rVB      | 115360         | 180248        | 7.03%           | 1.556%        |
| 2         | 5.603       | 421           | 428         | 442          | rBV      | 357490         | 655862        | 25.57%          | 5.663%        |
| 3         | 7.201       | 692           | 700         | 723          | rBV      | 374703         | 757460        | 29.53%          | 6.541%        |
| 4         | 7.560       | 754           | 761         | 773          | rBV      | 396270         | 742069        | 28.93%          | 6.408%        |
| 5         | 8.024       | 833           | 840         | 847          | rBV      | 99189          | 176379        | 6.88%           | 1.523%        |
| 6         | 8.347       | 887           | 895         | 904          | rBV      | 299218         | 566883        | 22.10%          | 4.895%        |
| 7         | 9.187       | 1029          | 1038        | 1051         | rBV      | 184281         | 422771        | 16.48%          | 3.651%        |
| 8         | 10.832      | 1310          | 1318        | 1329         | rBV      | 90456          | 211901        | 8.26%           | 1.830%        |
| 9         | 13.276      | 1726          | 1734        | 1749         | rBV      | 628635         | 1113125       | 43.40%          | 9.612%        |
| 10        | 14.105      | 1869          | 1875        | 1889         | rBV      | 55342          | 116681        | 4.55%           | 1.008%        |
| 11        | 14.651      | 1962          | 1968        | 1980         | rBV      | 220001         | 383400        | 14.95%          | 3.311%        |
| 12        | 16.138      | 2214          | 2221        | 2239         | rBV      | 640525         | 1162247       | 45.31%          | 10.036%       |
| 13        | 17.395      | 2429          | 2435        | 2452         | rBV2     | 280207         | 547149        | 21.33%          | 4.725%        |
| 14        | 17.519      | 2452          | 2456        | 2465         | rVB5     | 16592          | 27531         | 1.07%           | 0.238%        |
| 15        | 18.288      | 2583          | 2587        | 2596         | rBV7     | 19289          | 46021         | 1.79%           | 0.397%        |
| 16        | 20.004      | 2873          | 2879        | 2893         | rBV      | 1777527        | 2565079       | 100.00%         | 22.149%       |
| 17        | 21.314      | 3097          | 3102        | 3108         | rBV6     | 26902          | 64507         | 2.51%           | 0.557%        |
| 18        | 21.661      | 3155          | 3161        | 3175         | rBV      | 392835         | 776174        | 30.26%          | 6.702%        |
| 19        | 21.849      | 3189          | 3193        | 3198         | rVB6     | 18831          | 30194         | 1.18%           | 0.261%        |
| 20        | 22.454      | 3292          | 3296        | 3301         | rVB4     | 24379          | 34427         | 1.34%           | 0.297%        |
| 21        | 23.147      | 3409          | 3414        | 3421         | rVB2     | 28302          | 59996         | 2.34%           | 0.518%        |
| 22        | 23.940      | 3542          | 3549        | 3556         | rVB5     | 33253          | 68915         | 2.69%           | 0.595%        |
| 23        | 24.863      | 3696          | 3706        | 3724         | rBV2     | 269947         | 842620        | 32.85%          | 7.276%        |
| 24        | 25.991      | 3893          | 3898        | 3900         | rBV6     | 18798          | 29201         | 1.14%           | 0.252%        |

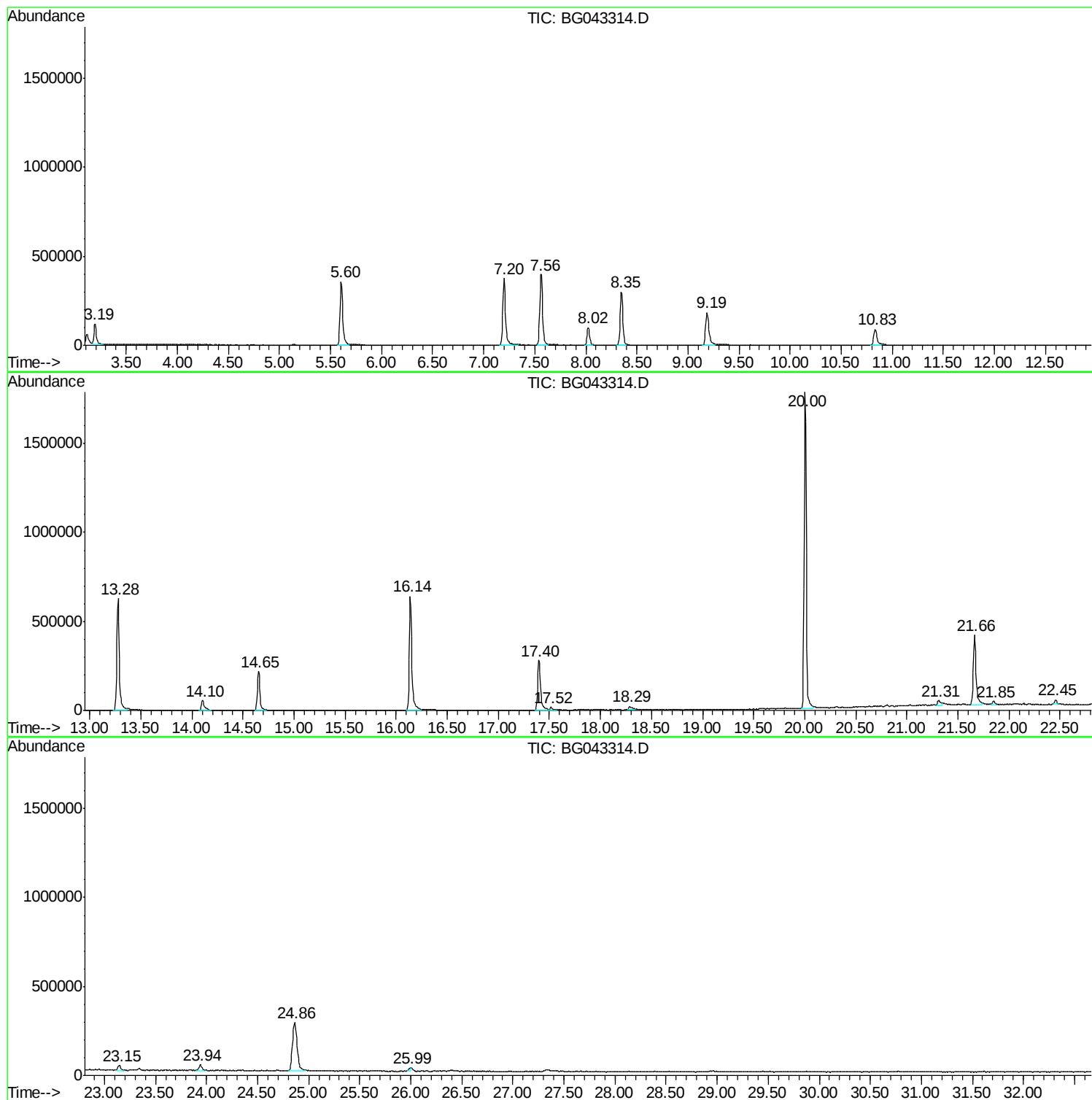
Sum of corrected areas: 11580840

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BNA\_G  
ClientSampleId :  
MAIN-STOCKPILE-SLP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.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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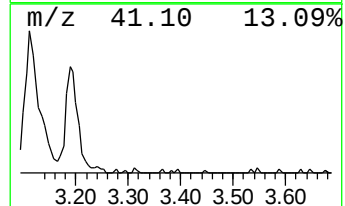
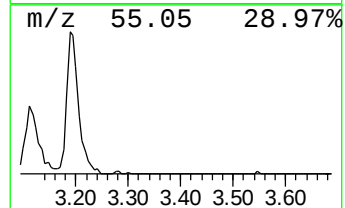
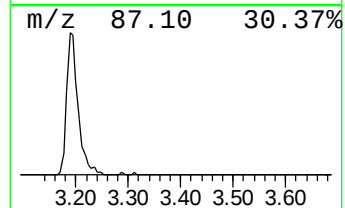
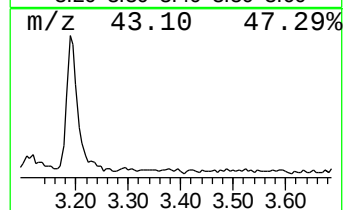
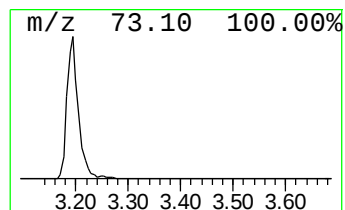
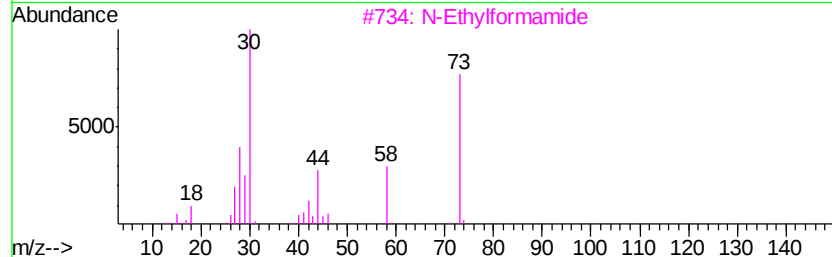
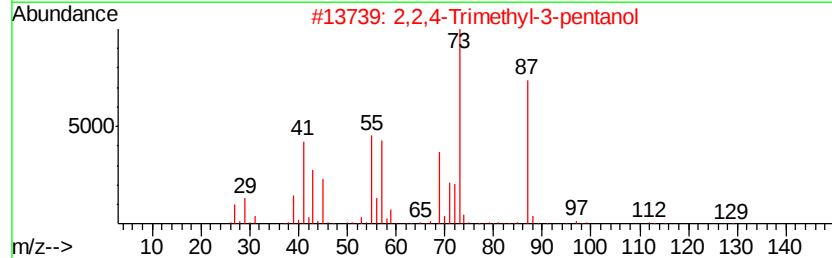
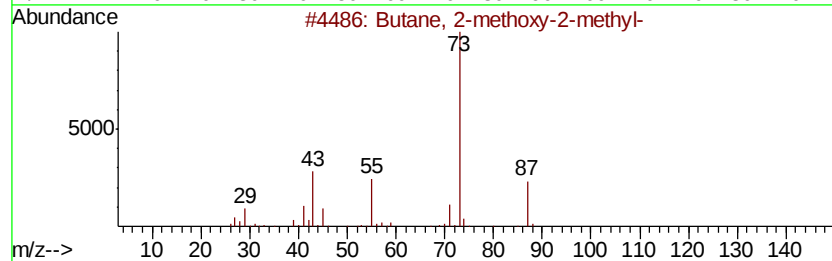
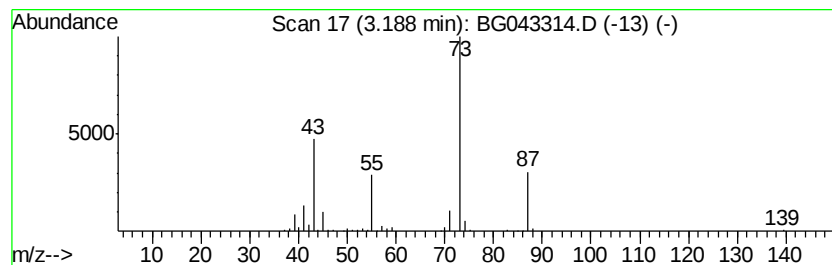
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 3.19 | 20.44 ng | 180248 | 1,4-Dichlorobenzene-d4 | 8.02 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 4    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |
| 5    |    | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 9    |



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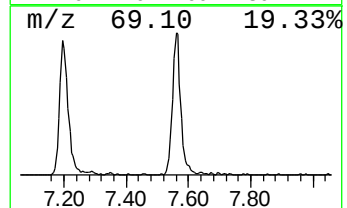
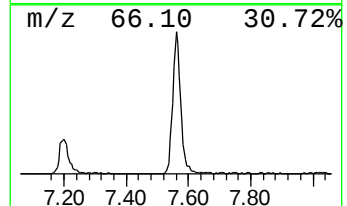
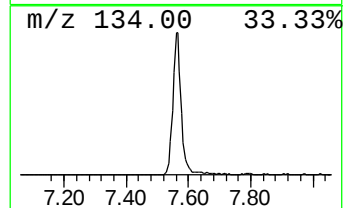
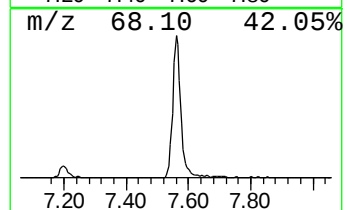
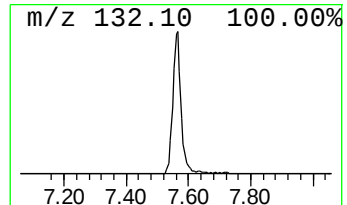
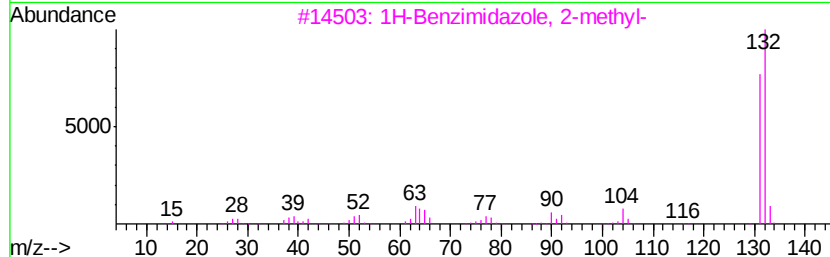
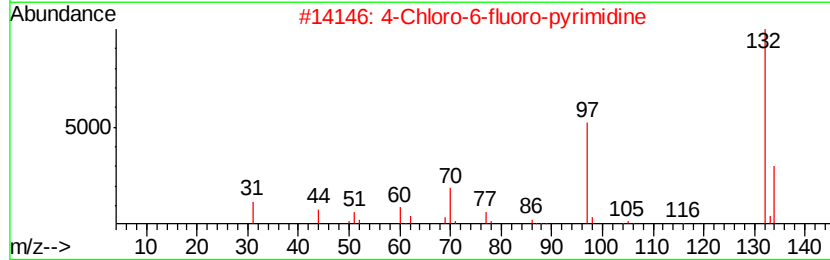
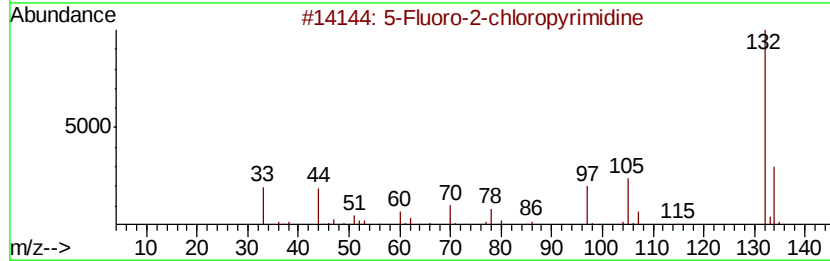
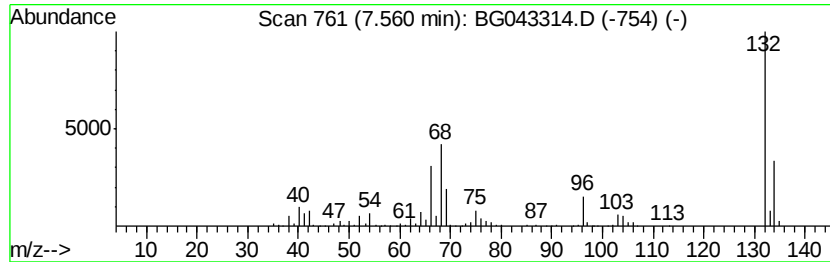
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Peak Number 2 unknown7.56 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.56 | 84.14 ng | 742069 | 1,4-Dichlorobenzene-d4 | 8.02 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 27   |
| 2    |    | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 3    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | 5-Aminoindole                | 132 | C8H8N2    | 005192-03-0  | 22   |
| 5    |    | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | ---Internal Standard--- |      |        |      |
|----------------------|------|---------|-------|----------|-------------------------|------|--------|------|
|                      |      |         |       |          | #                       | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 3.19 | 20.4    | ng    | 180248   | 1                       | 8.02 | 176379 | 20.0 |
| unknown7.56          | 7.56 | 84.1    | ng    | 742069   | 1                       | 8.02 | 176379 | 20.0 |