

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\  
 Data File : BG035180.D  
 Acq On : 15 Jun 2018 20:22  
 Operator : SJ/JU  
 Sample : PB110279BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB110279BL

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         | 5.173       | 316           | 321         | 329          | rVB      | 51055          | 80398         | 1.72%           | 0.418%        |
| 2         | 5.637       | 392           | 400         | 411          | rVB      | 814356         | 1309420       | 28.09%          | 6.806%        |
| 3         | 7.217       | 662           | 669         | 678          | rBV      | 881649         | 1509087       | 32.37%          | 7.844%        |
| 4         | 7.593       | 725           | 733         | 744          | rBV      | 824083         | 1396495       | 29.96%          | 7.258%        |
| 5         | 8.063       | 807           | 813         | 823          | rBV2     | 154721         | 259844        | 5.57%           | 1.351%        |
| 6         | 8.386       | 860           | 868         | 875          | rBV      | 588882         | 1018943       | 21.86%          | 5.296%        |
| 7         | 9.220       | 1001          | 1010        | 1021         | rBV      | 510885         | 923200        | 19.80%          | 4.798%        |
| 8         | 10.865      | 1282          | 1290        | 1298         | rBV      | 197435         | 362044        | 7.77%           | 1.882%        |
| 9         | 13.309      | 1699          | 1706        | 1715         | rBV      | 1567167        | 2399556       | 51.47%          | 12.472%       |
| 10        | 14.683      | 1933          | 1940        | 1948         | rBV2     | 380658         | 601660        | 12.91%          | 3.127%        |
| 11        | 16.170      | 2186          | 2193        | 2206         | rBV      | 1241749        | 1978582       | 42.44%          | 10.284%       |
| 12        | 17.427      | 2398          | 2407        | 2415         | rBV      | 592595         | 881914        | 18.92%          | 4.584%        |
| 13        | 20.035      | 2844          | 2851        | 2864         | rBV      | 3543926        | 4661676       | 100.00%         | 24.229%       |
| 14        | 21.697      | 3127          | 3134        | 3144         | rBV2     | 589508         | 1050323       | 22.53%          | 5.459%        |
| 15        | 24.922      | 3672          | 3683        | 3701         | rBV2     | 221285         | 806538        | 17.30%          | 4.192%        |

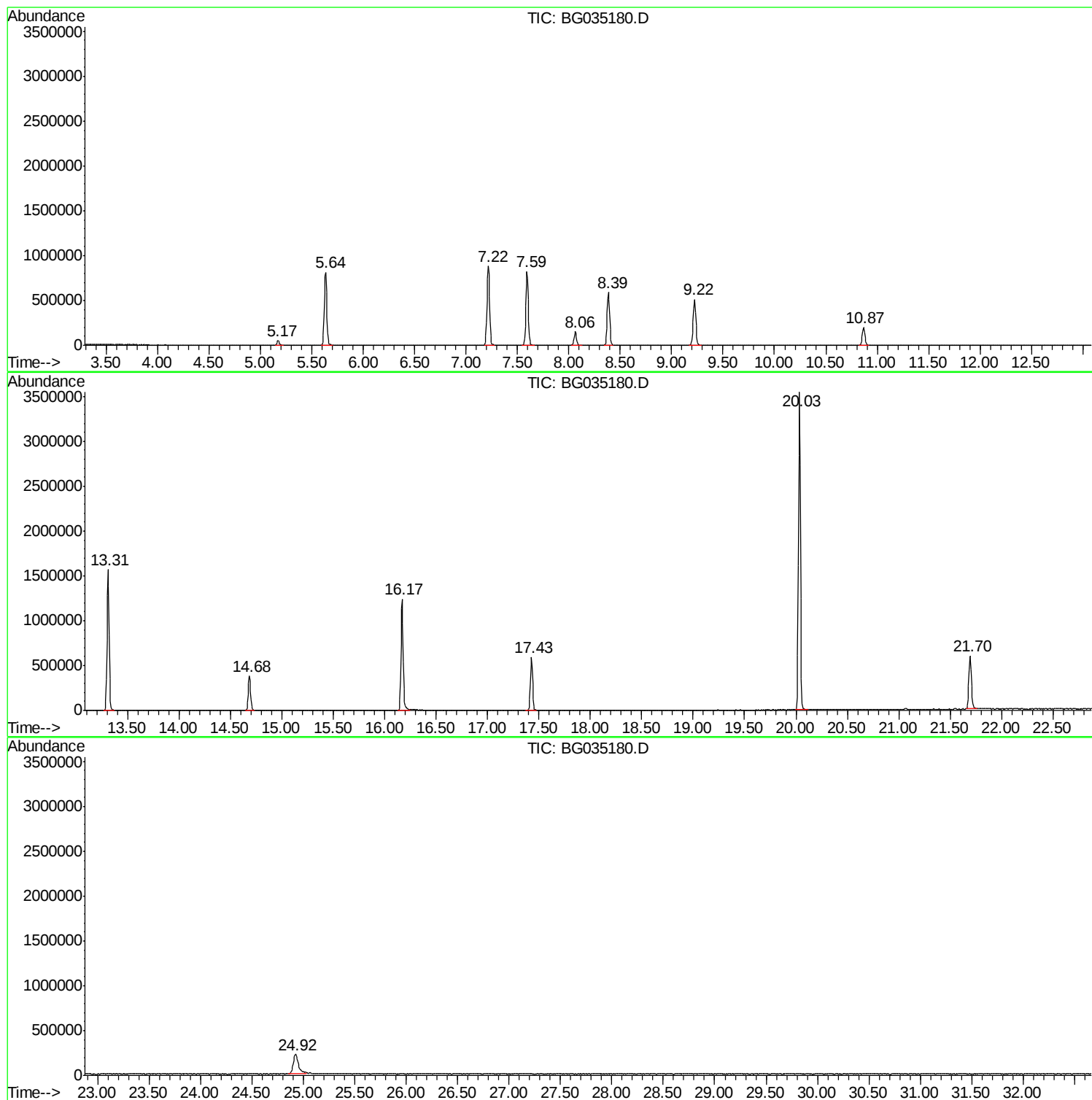
Sum of corrected areas: 19239680

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\  
Data File : BG035180.D  
Acq On : 15 Jun 2018 20:22  
Operator : SJ/JU  
Sample : PB110279BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB110279BL

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\  
Data File : BG035180.D  
Acq On : 15 Jun 2018 20:22  
Operator : SJ/JU  
Sample : PB110279BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB110279BL

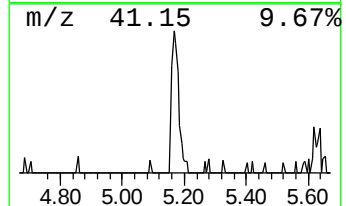
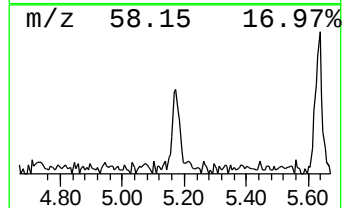
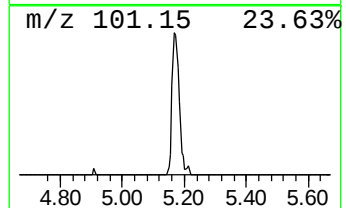
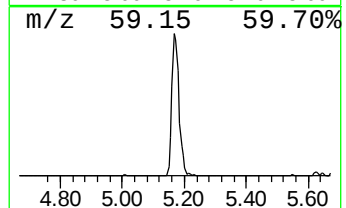
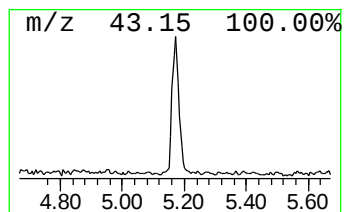
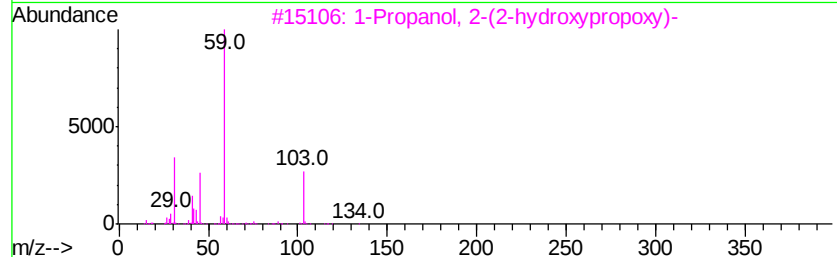
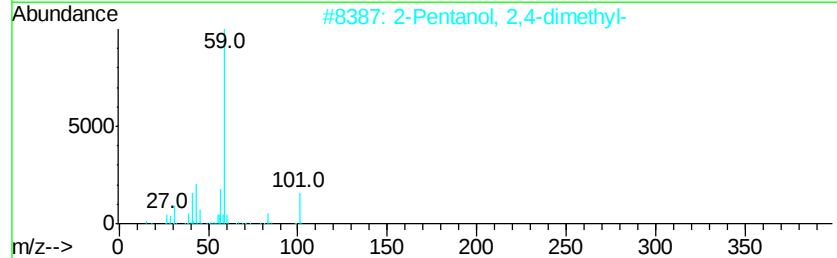
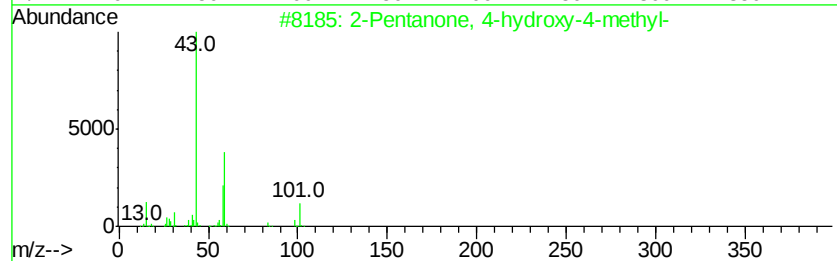
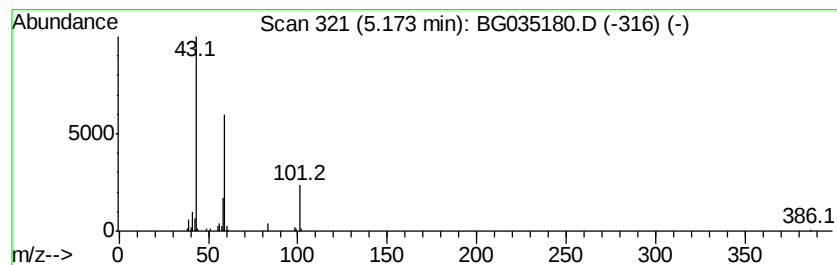
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.17 | 6.19 ng | 80398 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-  | 116 | C6H12O2 | 000123-42-2 | 50   |
| 2    |    |   | 2-Pentanol, 2,4-dimethyl-         | 116 | C7H16O  | 000625-06-9 | 25   |
| 3    |    |   | 1-Propanol, 2-(2-hydroxypropoxy)- | 134 | C6H14O3 | 000106-62-7 | 17   |
| 4    |    |   | 1-Propanol, 2,2'-oxybis-          | 134 | C6H14O3 | 000108-61-2 | 12   |
| 5    |    |   | Propane, 1-ethoxy-2-methyl-       | 102 | C6H14O  | 000627-02-1 | 10   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\  
Data File : BG035180.D  
Acq On : 15 Jun 2018 20:22  
Operator : SJ/JU  
Sample : PB110279BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB110279BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

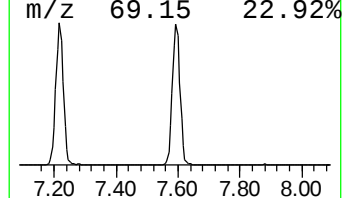
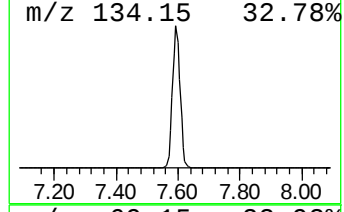
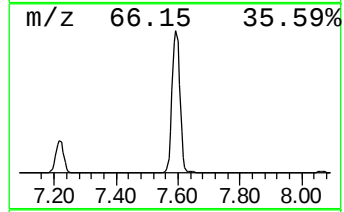
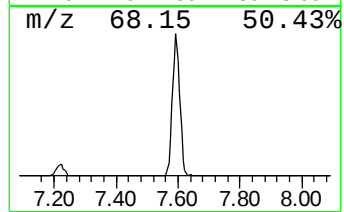
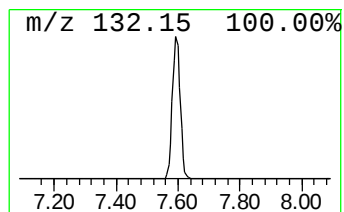
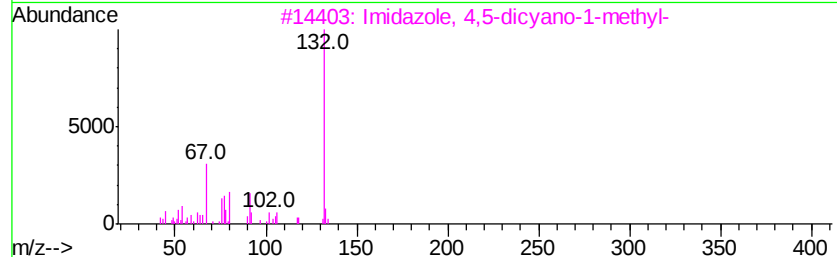
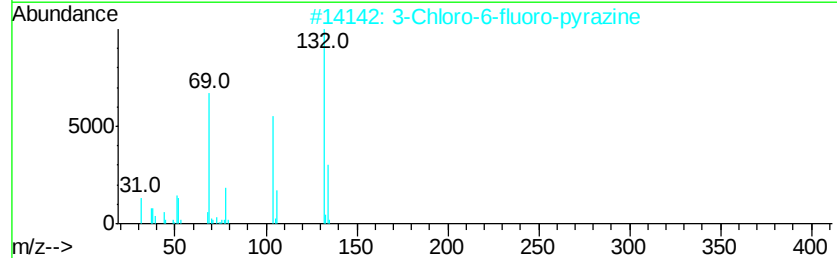
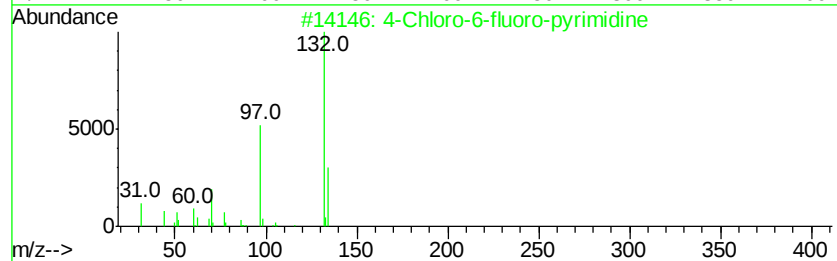
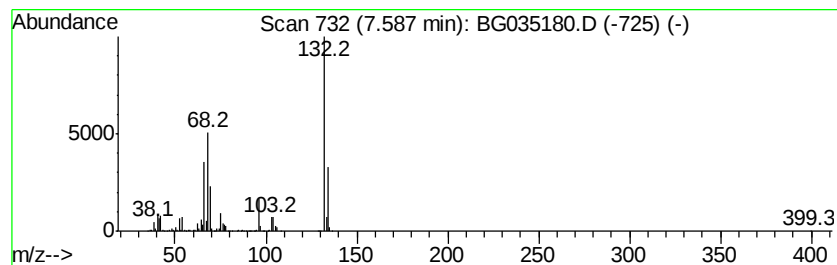
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown7.59 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.59 | 107.49 ng | 1396500 | 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    |    | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 3    |    | Imidazole, 4,5-dicyano-1-methyl- | 132 | C6H4N4    | 019485-35-9  | 25   |
| 4    |    | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 22   |
| 5    |    | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 17   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG061518\  
Data File : BG035180.D  
Acq On : 15 Jun 2018 20:22  
Operator : SJ/JU  
Sample : PB110279BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB110279BL

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

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.17 | 6.2     | ng    | 80398    | 1                     | 8.06 | 259844 | 20.0 |
| unknown7.59          | 7.59 | 107.5   | ng    | 1396500  | 1                     | 8.06 | 259844 | 20.0 |