

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\  
 Data File : BG016664.D  
 Acq On : 23 Apr 2015 22:02  
 Operator : TP/IZ  
 Sample : PB82952BL  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82952BL

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-BG042315.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         | 2.802       | 15            | 19          | 30           | rVB      | 21887          | 27739         | 1.05%           | 0.204%        |
| 2         | 4.705       | 338           | 343         | 352          | rVB      | 106379         | 144016        | 5.45%           | 1.058%        |
| 3         | 5.193       | 420           | 426         | 436          | rBV      | 725469         | 1046463       | 39.59%          | 7.687%        |
| 4         | 6.797       | 692           | 699         | 714          | rBV      | 720167         | 1080378       | 40.87%          | 7.937%        |
| 5         | 7.138       | 750           | 757         | 772          | rVB      | 740369         | 1128602       | 42.70%          | 8.291%        |
| 6         | 7.596       | 828           | 835         | 842          | rBV      | 189735         | 282728        | 10.70%          | 2.077%        |
| 7         | 7.913       | 882           | 889         | 901          | rBV      | 566610         | 886963        | 33.55%          | 6.516%        |
| 8         | 8.753       | 1026          | 1032        | 1043         | rBV      | 382072         | 623913        | 23.60%          | 4.583%        |
| 9         | 10.381      | 1302          | 1309        | 1324         | rBV      | 228168         | 399733        | 15.12%          | 2.936%        |
| 10        | 12.866      | 1725          | 1732        | 1747         | rBV      | 1059061        | 1496417       | 56.61%          | 10.993%       |
| 11        | 14.253      | 1961          | 1968        | 1980         | rBV2     | 331151         | 516776        | 19.55%          | 3.796%        |
| 12        | 15.745      | 2216          | 2222        | 2236         | rBV      | 621055         | 903334        | 34.17%          | 6.636%        |
| 13        | 16.997      | 2428          | 2435        | 2445         | rBV2     | 469470         | 691083        | 26.14%          | 5.077%        |
| 14        | 19.629      | 2877          | 2883        | 2892         | rBV      | 2170641        | 2643342       | 100.00%         | 19.418%       |
| 15        | 21.180      | 3141          | 3147        | 3155         | rBV      | 708045         | 891636        | 33.73%          | 6.550%        |
| 16        | 23.383      | 3515          | 3522        | 3531         | rBV2     | 476883         | 849535        | 32.14%          | 6.241%        |

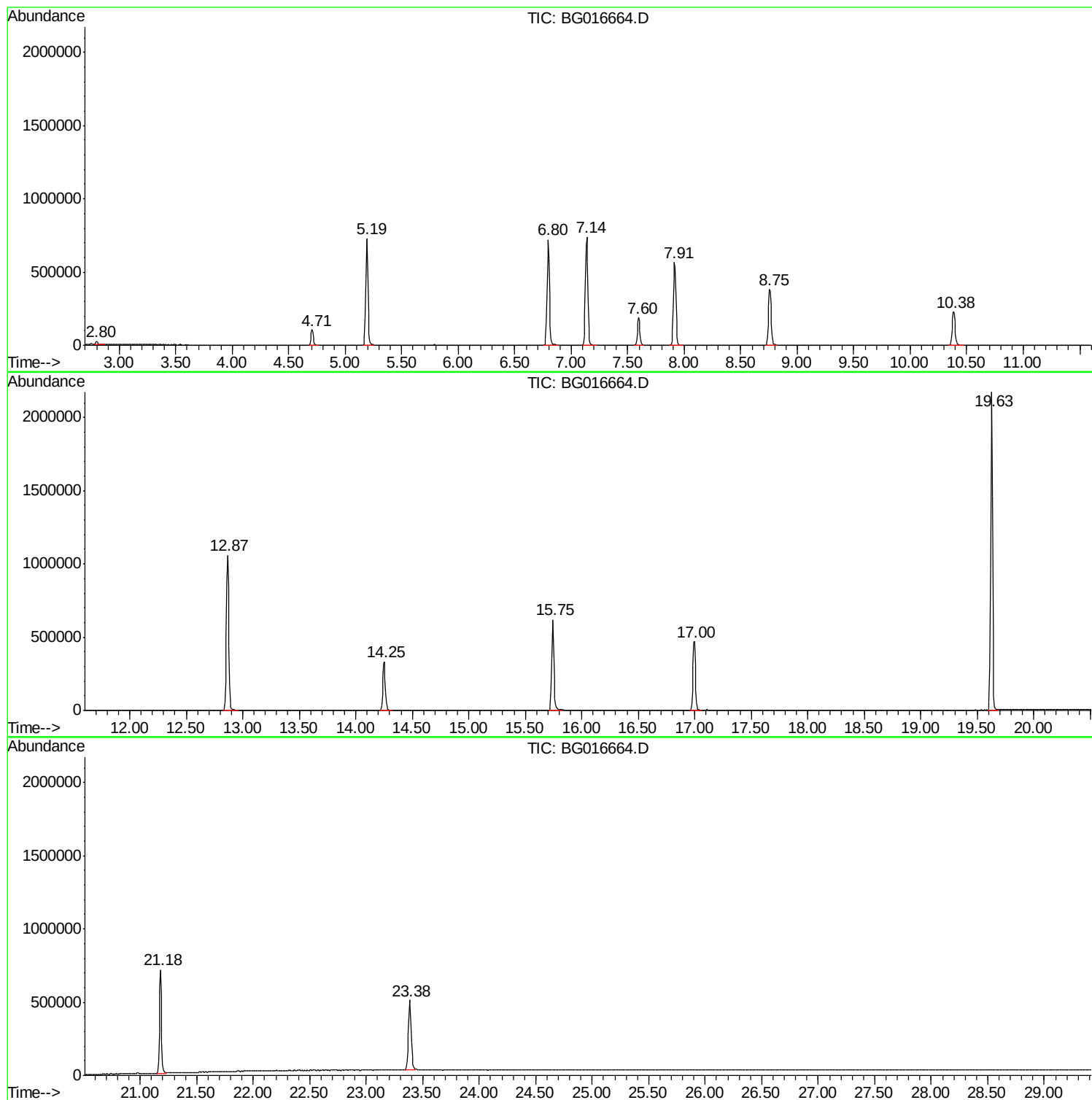
Sum of corrected areas: 13612658

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\  
Data File : BG016664.D  
Acq On : 23 Apr 2015 22:02  
Operator : TP/IZ  
Sample : PB82952BL  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB82952BL

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\  
Data File : BG016664.D  
Acq On : 23 Apr 2015 22:02  
Operator : TP/IZ  
Sample : PB82952BL  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleID :  
PB82952BL

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

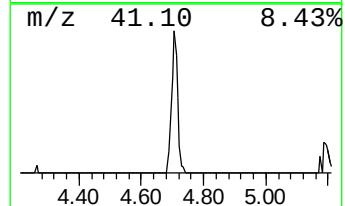
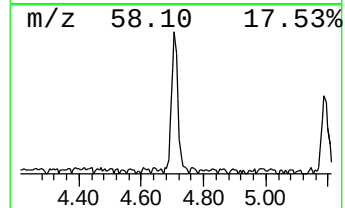
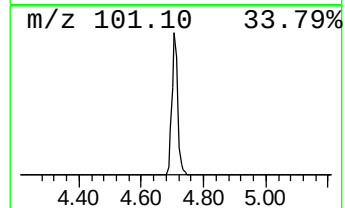
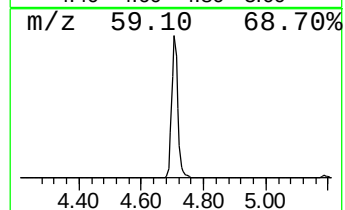
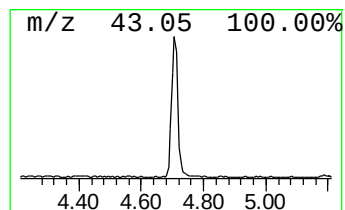
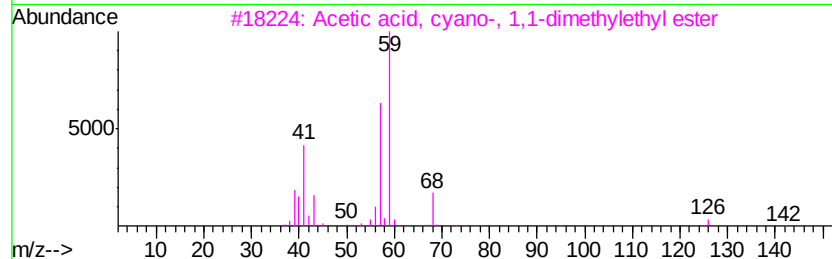
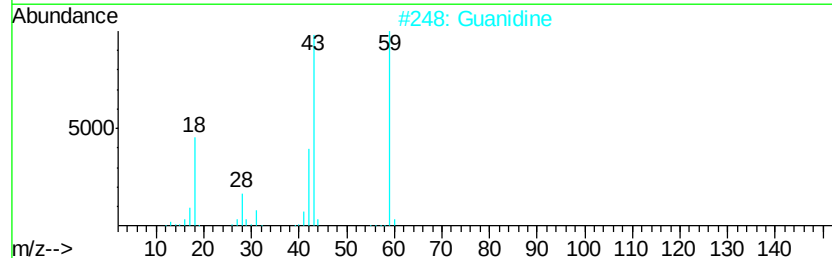
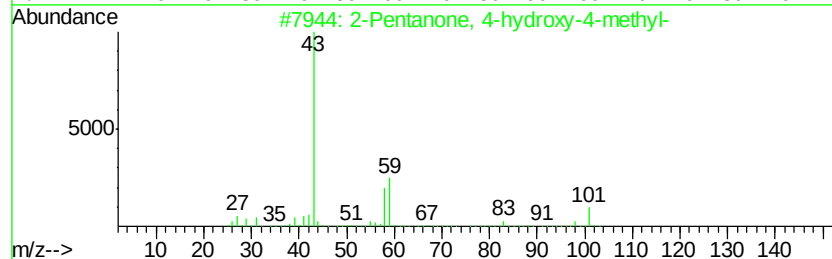
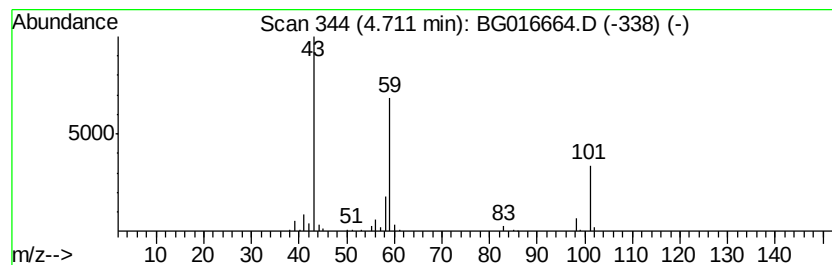
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.71 | 10.19 ng | 144016 | 1,4-Dichlorobenzene-d4 | 7.60 |

| 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    |    | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 4    |    | Morpholine, 4-methyl-                | 101 | C5H11NO  | 000109-02-4 | 9    |
| 5    |    | (+)-4-Amino-4,5-dihydro-2(3H)-f...   | 101 | C4H7NO2  | 016504-58-8 | 9    |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\  
Data File : BG016664.D  
Acq On : 23 Apr 2015 22:02  
Operator : TP/IZ  
Sample : PB82952BL  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB82952BL

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

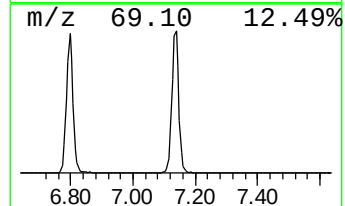
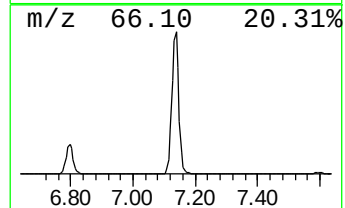
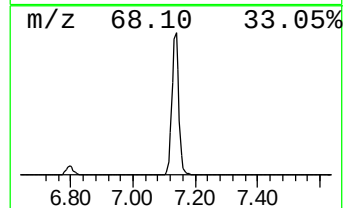
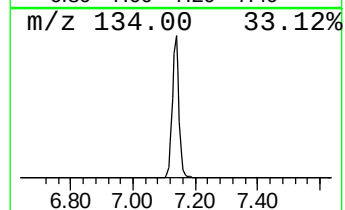
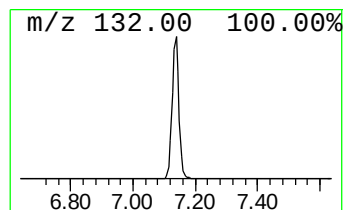
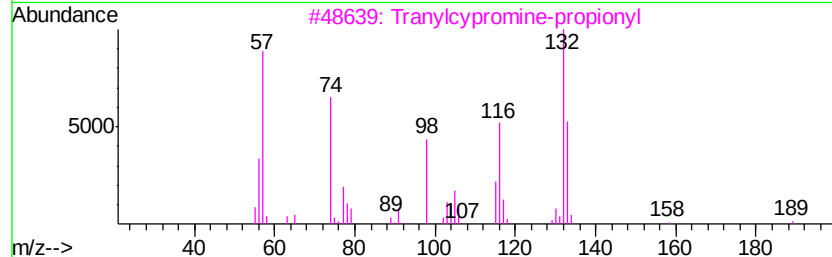
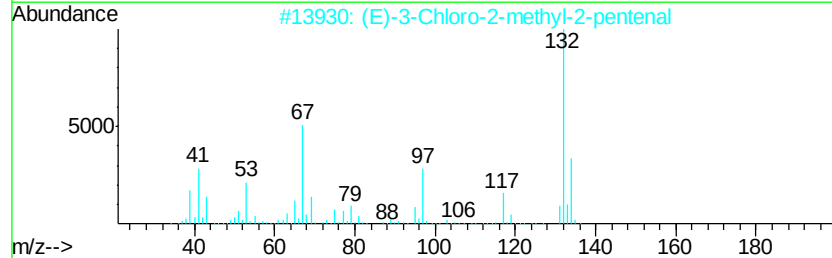
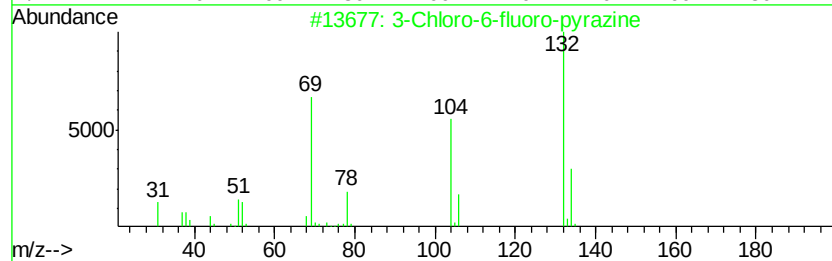
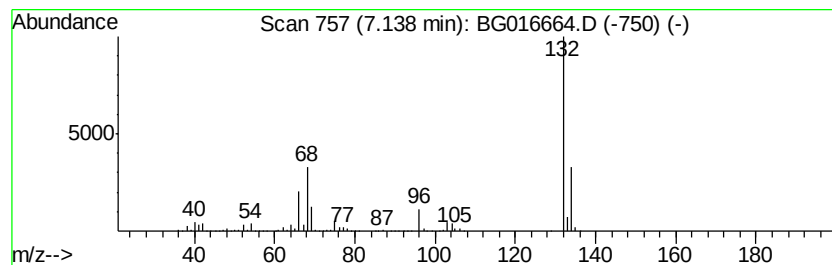
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown7.14 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.14 | 79.84 ng | 1128600 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 38   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | Tranvlcypropine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 9    |
| 5    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG042315\  
Data File : BG016664.D  
Acq On : 23 Apr 2015 22:02  
Operator : TP/IZ  
Sample : PB82952BL  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB82952BL

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG042315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.71 | 10.2    | ng    | 144016   | 1                     | 7.60 | 282728 | 20.0 |
| unknown7.14          | 7.14 | 79.8    | ng    | 1128600  | 1                     | 7.60 | 282728 | 20.0 |