

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122415\  
 Data File : BF084097.D  
 Acq On : 24 Dec 2015 23:49  
 Operator : UM/SJ  
 Sample : PB87558BL  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB87558BL

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\_F\METHODS\8270-BF122415.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         | 4.979       | 251           | 253         | 263          | rBB      | 151190         | 221037        | 13.34%          | 1.866%        |
| 2         | 5.424       | 290           | 292         | 294          | rBV      | 949345         | 1154502       | 69.67%          | 9.748%        |
| 3         | 6.453       | 380           | 382         | 384          | rBV      | 1208946        | 1198336       | 72.32%          | 10.118%       |
| 4         | 6.567       | 390           | 392         | 395          | rBV      | 1137704        | 1149962       | 69.40%          | 9.709%        |
| 5         | 6.796       | 410           | 412         | 415          | rBV      | 337807         | 282595        | 17.05%          | 2.386%        |
| 6         | 6.956       | 424           | 426         | 428          | rBV      | 1074618        | 1039104       | 62.71%          | 8.773%        |
| 7         | 7.367       | 459           | 462         | 464          | rBV      | 564825         | 746197        | 45.03%          | 6.300%        |
| 8         | 8.076       | 522           | 524         | 527          | rBV      | 267522         | 357806        | 21.59%          | 3.021%        |
| 9         | 9.162       | 616           | 619         | 621          | rBV      | 1708709        | 1656984       | 100.00%         | 13.990%       |
| 10        | 9.836       | 676           | 678         | 680          | rBV      | 430142         | 423004        | 25.53%          | 3.571%        |
| 11        | 10.625      | 744           | 747         | 749          | rBV      | 980663         | 963089        | 58.12%          | 8.131%        |
| 12        | 11.322      | 806           | 808         | 810          | rBV      | 367101         | 426248        | 25.72%          | 3.599%        |
| 13        | 12.899      | 944           | 946         | 949          | rBV      | 1617939        | 1552146       | 93.67%          | 13.105%       |
| 14        | 13.951      | 1036          | 1038        | 1041         | rBV      | 390366         | 400627        | 24.18%          | 3.383%        |
| 15        | 15.368      | 1160          | 1162        | 1169         | rBV      | 171714         | 272309        | 16.43%          | 2.299%        |

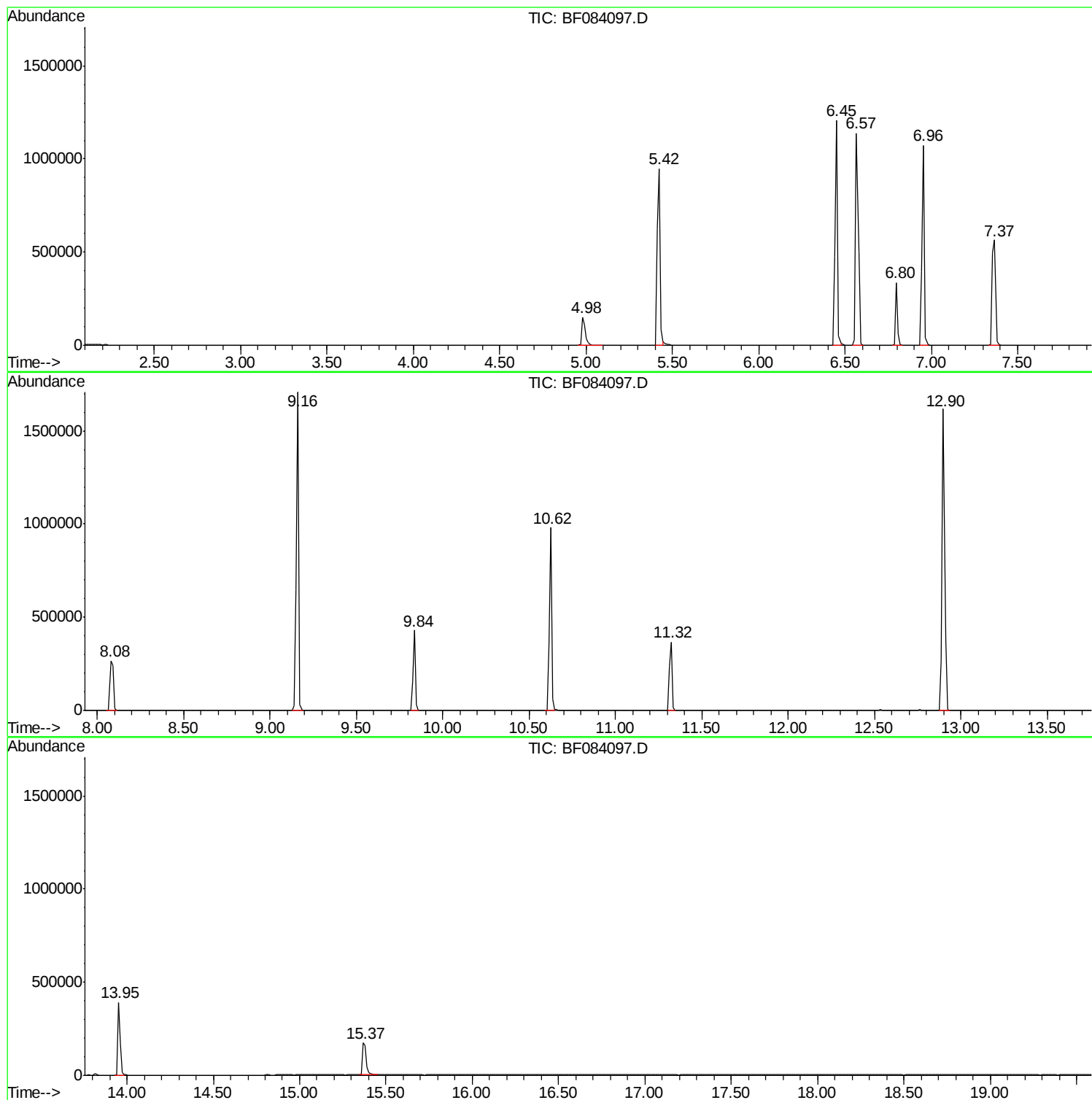
Sum of corrected areas: 11843946

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122415\  
Data File : BF084097.D  
Acq On : 24 Dec 2015 23:49  
Operator : UM/SJ  
Sample : PB87558BL  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB87558BL

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122415.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 F\DATA\BF122415\  
Data File : BF084097.D  
Acq On : 24 Dec 2015 23:49  
Operator : UM/SJ  
Sample : PB87558BL  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB87558BL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

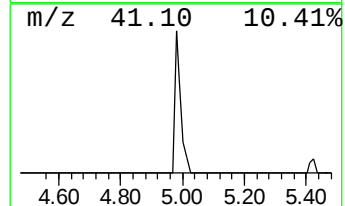
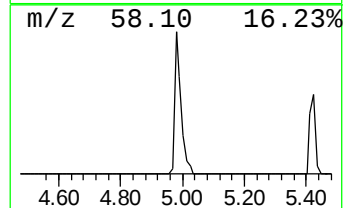
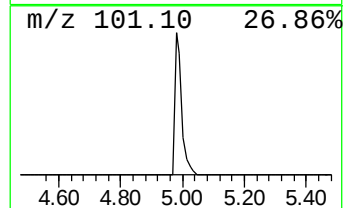
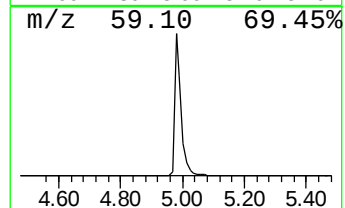
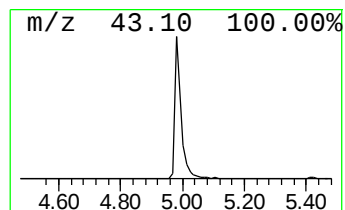
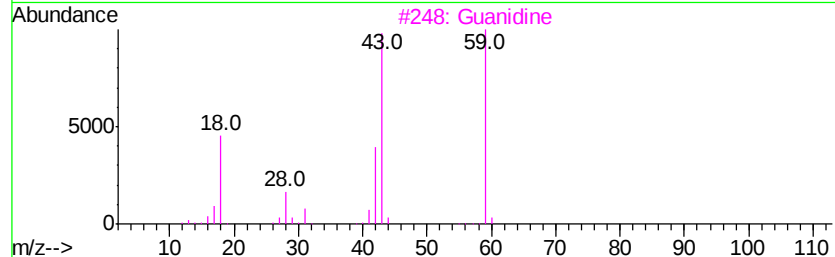
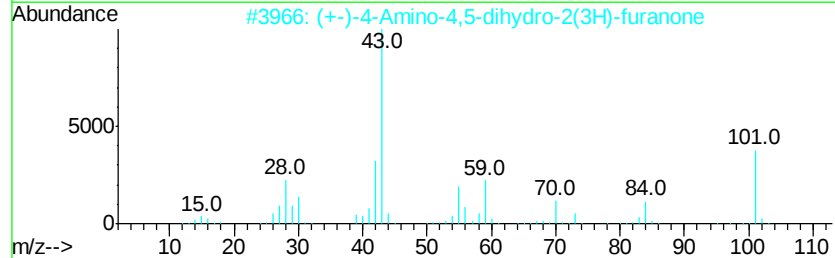
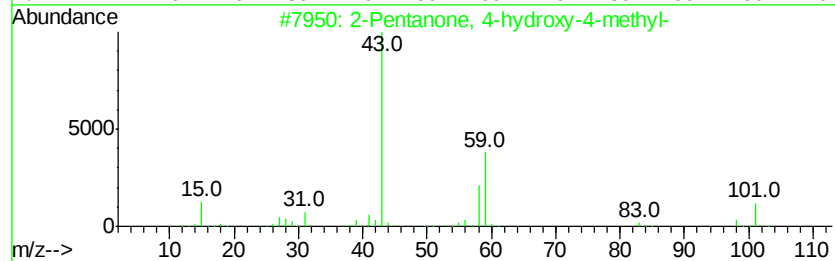
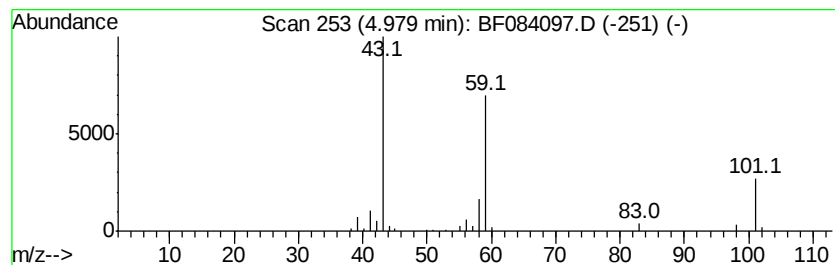
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.98 | 15.64 ng | 221037 | 1,4-Dichlorobenzene-d4 | 6.80 |

| Hit# of | 5                                  | Tentative ID | MW      | MolForm     | CAS# | Qual |
|---------|------------------------------------|--------------|---------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl-   | 116          | C6H12O2 | 000123-42-2 | 56   |      |
| 2       | (+)-4-Amino-4,5-dihydro-2(3H)-f... | 101          | C4H7NO2 | 016504-58-8 | 47   |      |
| 3       | Guanidine                          | 59           | CH5N3   | 000113-00-8 | 43   |      |
| 4       | 2,3-Butanedione, monooxime         | 101          | C4H7NO2 | 000057-71-6 | 17   |      |
| 5       | 5-Hexen-2-one                      | 98           | C6H10O  | 000109-49-9 | 9    |      |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122415\  
Data File : BF084097.D  
Acq On : 24 Dec 2015 23:49  
Operator : UM/SJ  
Sample : PB87558BL  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB87558BL

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122415.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

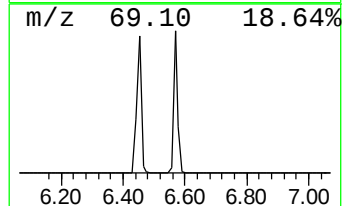
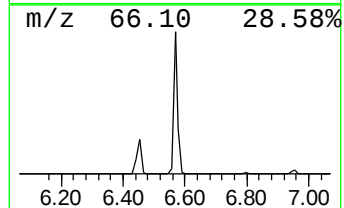
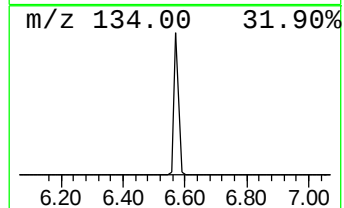
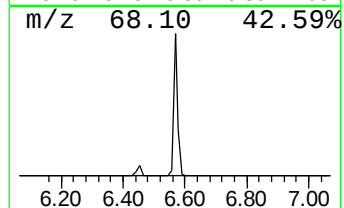
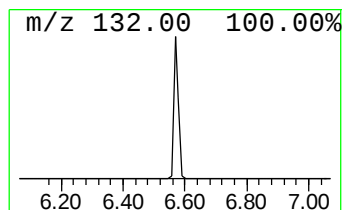
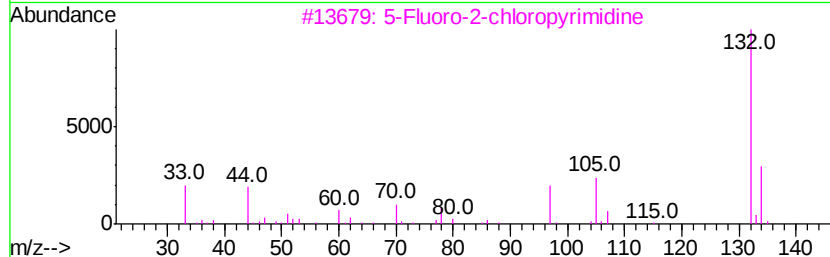
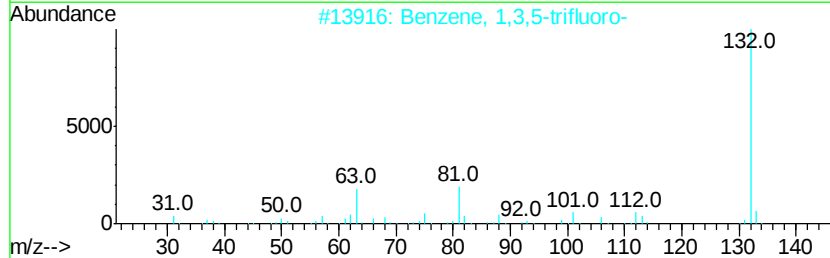
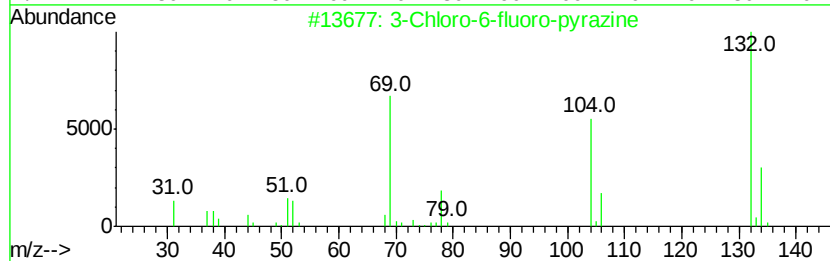
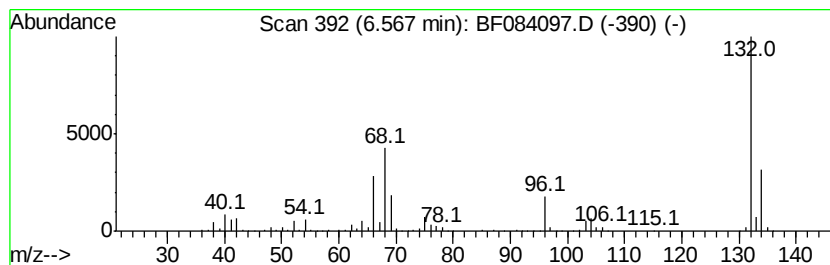
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown6.57 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.57 | 81.39 ng | 1149960 | 1,4-Dichlorobenzene-d4 | 6.80 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | Benzene, 1,3,5-trifluoro-        | 132 | C6H3F3    | 000372-38-3  | 14   |
| 3    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 4    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | (5-METHYL-2-PYRIDYL)ACETONITRILE | 132 | C8H8N2    | 1000241-93-9 | 10   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF122415\  
Data File : BF084097.D  
Acq On : 24 Dec 2015 23:49  
Operator : UM/SJ  
Sample : PB87558BL  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB87558BL

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF122415.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... | 4.98 | 15.6    | ng    | 221037   | 1                     | 6.80 | 282595 | 20.0 |
| unknown6.57          | 6.57 | 81.4    | ng    | 1149960  | 1                     | 6.80 | 282595 | 20.0 |