

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF092517\  
 Data File : BF098789.D  
 Acq On : 25 Sep 2017 18:13  
 Operator : SJ/JU  
 Sample : PB102556BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB102556BL

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-BF092317.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         | 5.128       | 515           | 517         | 527          | rVB      | 73114          | 73141         | 6.42%           | 0.749%        |
| 2         | 5.522       | 580           | 584         | 588          | rBV      | 555422         | 470245        | 41.29%          | 4.813%        |
| 3         | 6.522       | 751           | 754         | 758          | rBV      | 566405         | 454568        | 39.91%          | 4.652%        |
| 4         | 6.675       | 777           | 780         | 784          | rBV      | 632257         | 492921        | 43.28%          | 5.045%        |
| 5         | 6.916       | 817           | 821         | 824          | rVB      | 825058         | 731699        | 64.24%          | 7.488%        |
| 6         | 7.069       | 843           | 847         | 850          | rVB      | 466361         | 375248        | 32.95%          | 3.840%        |
| 7         | 7.469       | 911           | 915         | 918          | rBV      | 332950         | 273344        | 24.00%          | 2.797%        |
| 8         | 8.192       | 1034          | 1038        | 1042         | rBV      | 1096876        | 1008873       | 88.58%          | 10.325%       |
| 9         | 9.269       | 1217          | 1221        | 1224         | rVB      | 624000         | 560558        | 49.22%          | 5.737%        |
| 10        | 9.951       | 1332          | 1337        | 1341         | rBV      | 1310371        | 1101989       | 96.75%          | 11.278%       |
| 11        | 10.733      | 1466          | 1470        | 1474         | rBV      | 367366         | 304823        | 26.76%          | 3.120%        |
| 12        | 11.439      | 1586          | 1590        | 1593         | rBV      | 1320822        | 1138963       | 100.00%         | 11.656%       |
| 13        | 13.015      | 1855          | 1858        | 1862         | rVB      | 740576         | 593769        | 52.13%          | 6.077%        |
| 14        | 14.074      | 2034          | 2038        | 2042         | rBV      | 1200687        | 1094073       | 96.06%          | 11.197%       |
| 15        | 14.921      | 2180          | 2182        | 2187         | rVB3     | 18867          | 20717         | 1.82%           | 0.212%        |
| 16        | 15.192      | 2225          | 2228        | 2233         | rVB3     | 20528          | 24995         | 2.19%           | 0.256%        |
| 17        | 15.568      | 2286          | 2292        | 2300         | rBV      | 759742         | 976411        | 85.73%          | 9.993%        |
| 18        | 16.033      | 2367          | 2371        | 2376         | rVB      | 25233          | 36069         | 3.17%           | 0.369%        |
| 19        | 16.551      | 2456          | 2459        | 2466         | rVB4     | 22964          | 38702         | 3.40%           | 0.396%        |

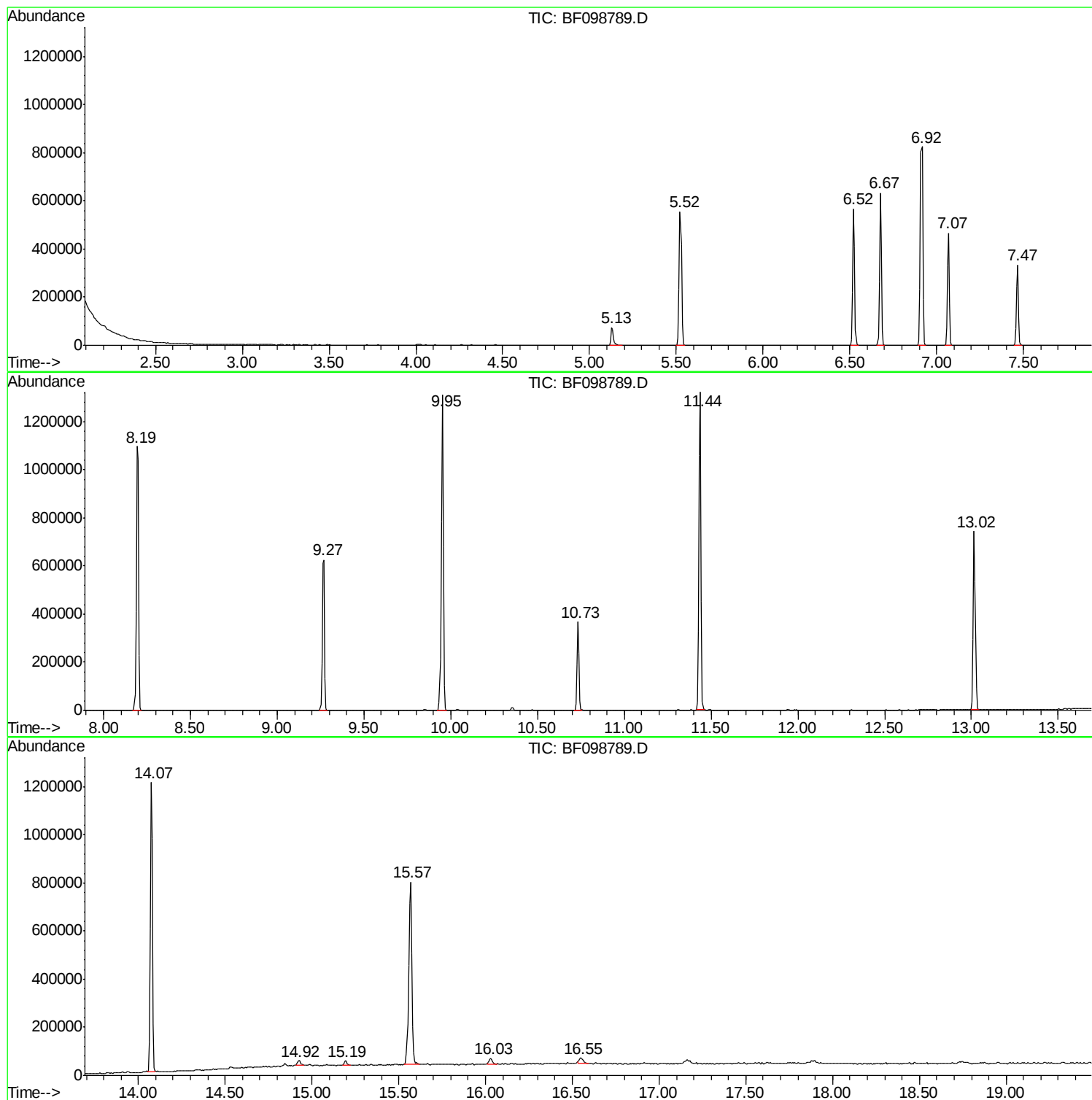
Sum of corrected areas: 9771108

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF092517\  
Data File : BF098789.D  
Acq On : 25 Sep 2017 18:13  
Operator : SJ/JU  
Sample : PB102556BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB102556BL

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF092517\  
Data File : BF098789.D  
Acq On : 25 Sep 2017 18:13  
Operator : SJ/JU  
Sample : PB102556BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB102556BL

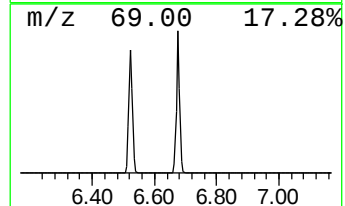
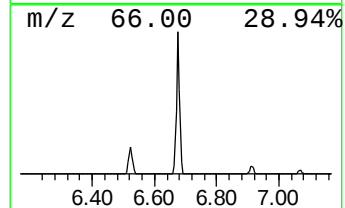
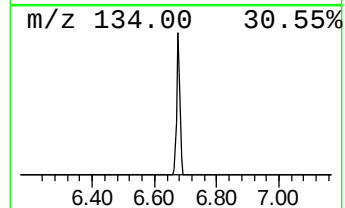
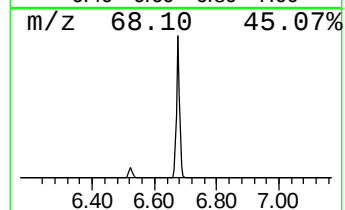
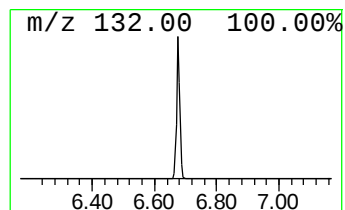
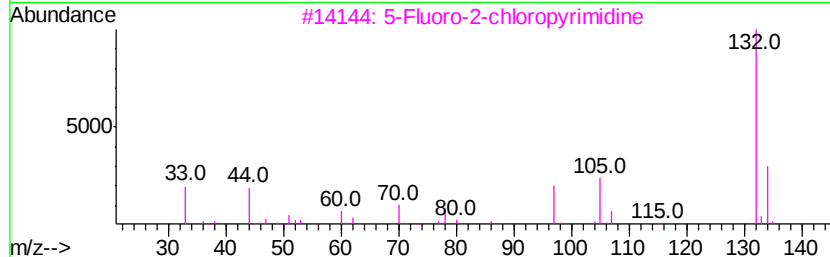
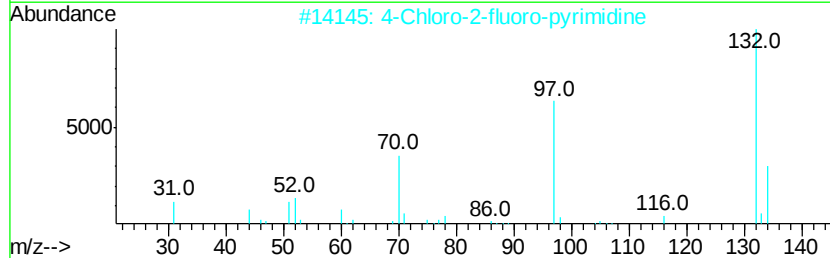
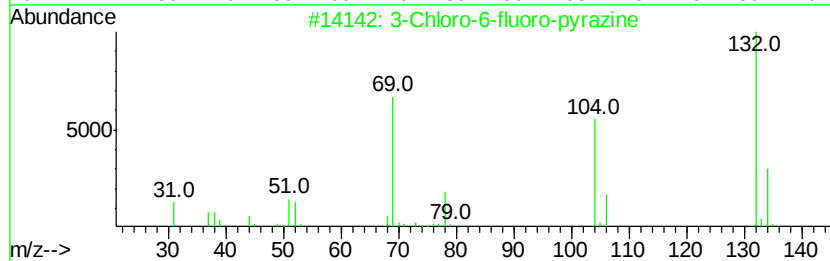
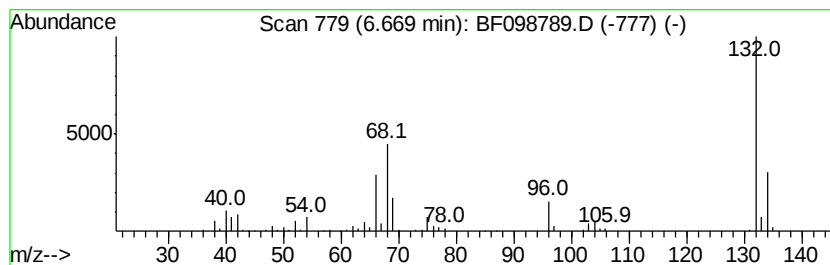
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092317.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 unknown6.67 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.67 | 13.47 ng | 492921 | 1,4-Dichlorobenzene-d4 | 6.92 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 3    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 4    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 9    |
| 5    |    | 4-Methylpyrrolo[1,2-a]pyrazine   | 132 | C8H8N2    | 064608-60-2  | 9    |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF092517\  
Data File : BF098789.D  
Acq On : 25 Sep 2017 18:13  
Operator : SJ/JU  
Sample : PB102556BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB102556BL

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092317.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 |
| unknown6.67      | 6.67 | 13.5    | ng    | 492921   | 1                     | 6.92 | 731699 | 20.0 |