

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF062618\  
 Data File : BF106851.D  
 Acq On : 27 Jun 2018 4:40  
 Operator : JU/SJ  
 Sample : J3639-04  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 062018-DBRI-E-U-B

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\_F\METHODS\8270-BF061918.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         | 4.096       | 295           | 299         | 303          | rBB      | 11205          | 13858         | 1.20%           | 0.205%        |
| 2         | 5.184       | 481           | 484         | 492          | rBV      | 17068          | 18747         | 1.63%           | 0.277%        |
| 3         | 5.595       | 551           | 554         | 570          | rBV      | 317746         | 318784        | 27.64%          | 4.711%        |
| 4         | 6.595       | 721           | 724         | 736          | rBV2     | 251350         | 252793        | 21.92%          | 3.736%        |
| 5         | 6.731       | 743           | 747         | 754          | rBV      | 624549         | 563695        | 48.87%          | 8.330%        |
| 6         | 6.960       | 782           | 786         | 789          | rBV      | 272546         | 240662        | 20.87%          | 3.556%        |
| 7         | 7.113       | 808           | 812         | 816          | rBV      | 907018         | 836512        | 72.53%          | 12.361%       |
| 8         | 7.525       | 877           | 882         | 885          | rBV      | 637558         | 600702        | 52.08%          | 8.877%        |
| 9         | 8.242       | 1000          | 1004        | 1020         | rBV      | 292526         | 266286        | 23.09%          | 3.935%        |
| 10        | 9.313       | 1182          | 1186        | 1196         | rVB      | 1173977        | 1078730       | 93.53%          | 15.940%       |
| 11        | 9.707       | 1250          | 1253        | 1259         | rBB      | 19860          | 17608         | 1.53%           | 0.260%        |
| 12        | 10.001      | 1300          | 1303        | 1312         | rVB      | 266767         | 255080        | 22.12%          | 3.769%        |
| 13        | 10.401      | 1369          | 1371        | 1375         | rVB2     | 18338          | 14344         | 1.24%           | 0.212%        |
| 14        | 10.654      | 1412          | 1414        | 1418         | rBV      | 26969          | 20849         | 1.81%           | 0.308%        |
| 15        | 10.789      | 1434          | 1437        | 1449         | rBV      | 346191         | 335128        | 29.06%          | 4.952%        |
| 16        | 11.489      | 1552          | 1556        | 1564         | rBV      | 306690         | 264574        | 22.94%          | 3.910%        |
| 17        | 13.077      | 1821          | 1826        | 1829         | rBV      | 1222040        | 1153409       | 100.00%         | 17.044%       |
| 18        | 13.954      | 1971          | 1975        | 1983         | rBV      | 9775           | 13625         | 1.18%           | 0.201%        |
| 19        | 14.142      | 2003          | 2007        | 2016         | rVB      | 346116         | 307181        | 26.63%          | 4.539%        |
| 20        | 15.677      | 2262          | 2268        | 2278         | rVB2     | 141410         | 194708        | 16.88%          | 2.877%        |

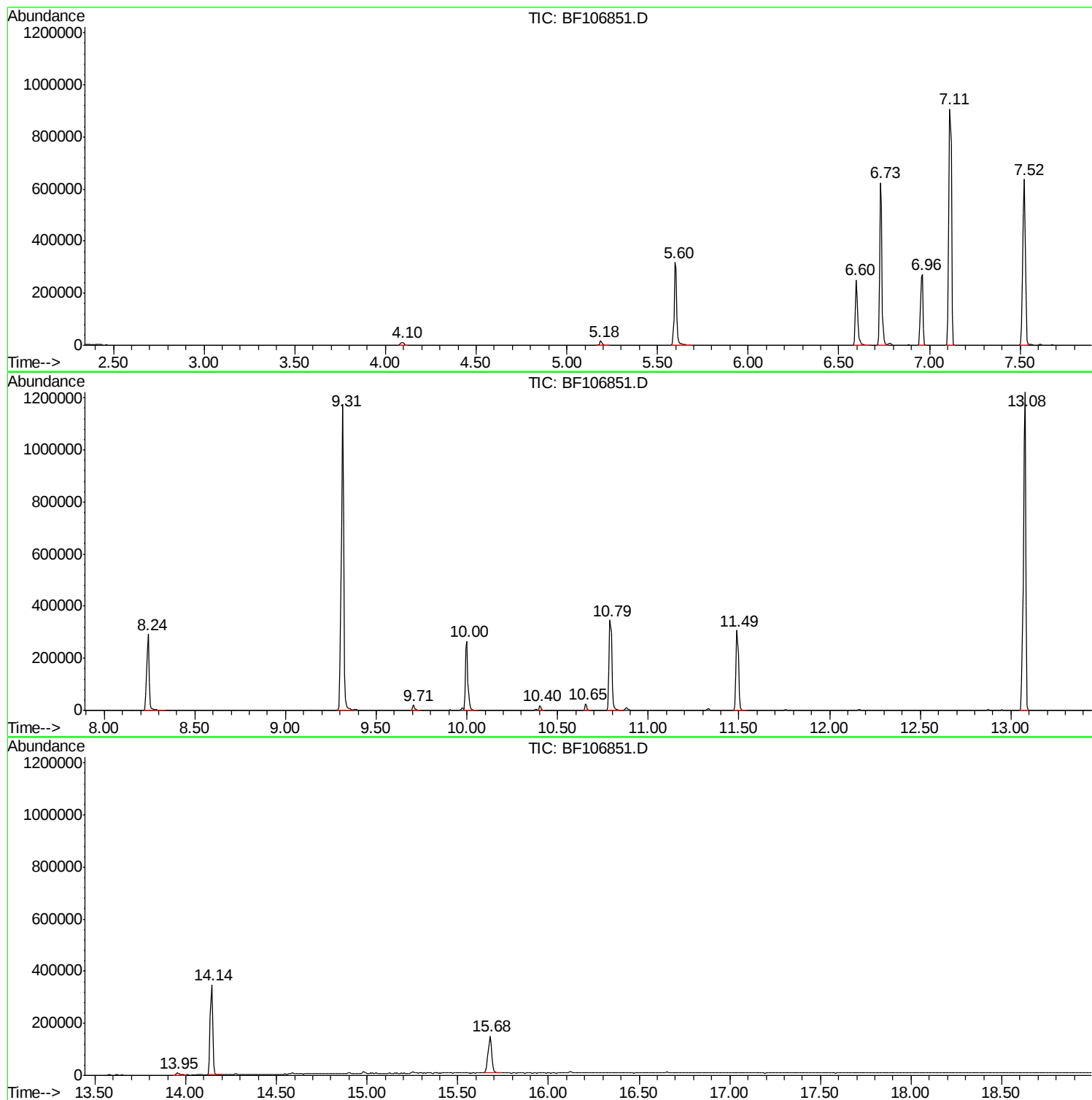
Sum of corrected areas: 6767275

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.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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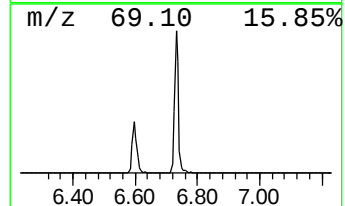
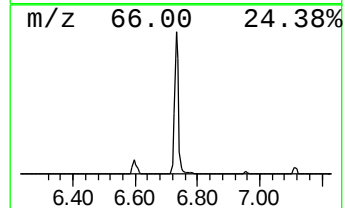
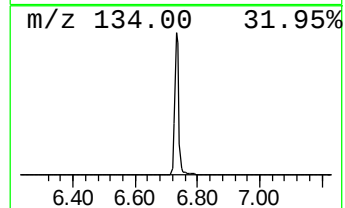
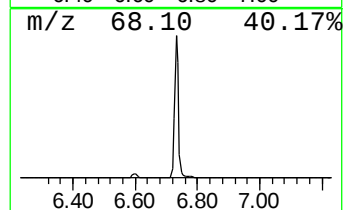
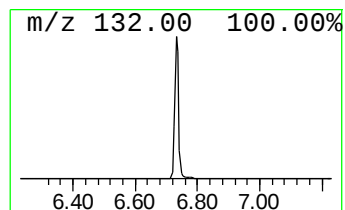
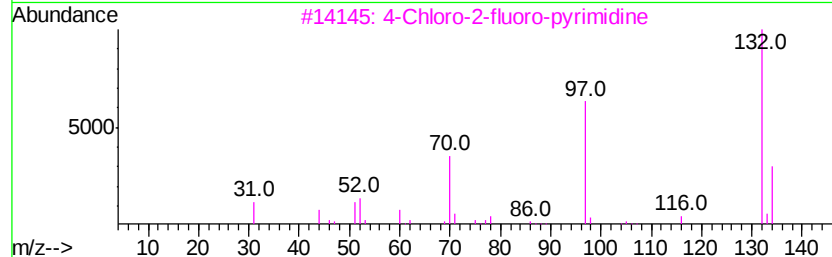
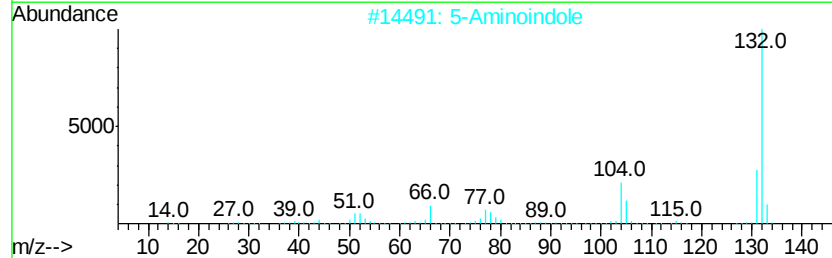
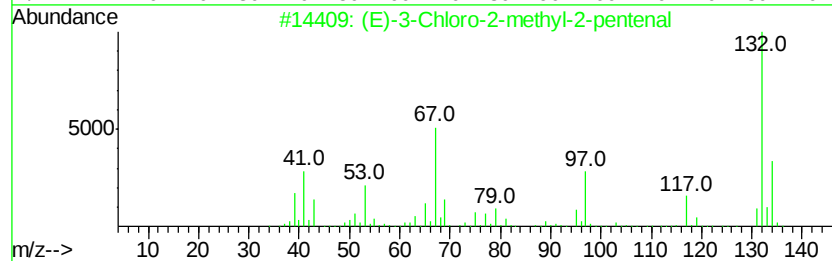
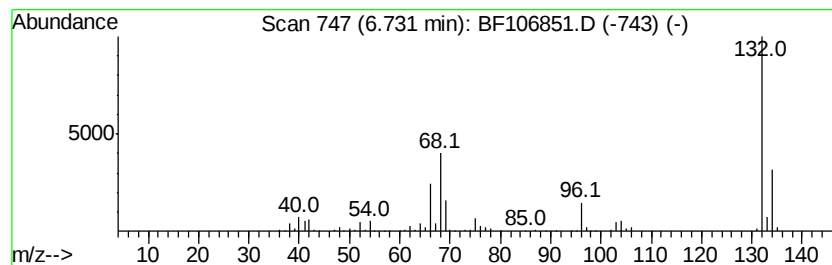
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown6.73 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.73 | 46.85 ng | 563695 | 1,4-Dichlorobenzene-d4 | 6.96 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#        | Qual |
|------|----|----------------------------------|-----|-----------|-------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3 | 16   |
| 2    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0 | 12   |
| 3    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5 | 9    |
| 4    |    | 4-Methylpyrrolo[1,2-a]pyrazine   | 132 | C8H8N2    | 064608-60-2 | 9    |
| 5    |    | 1-Methylpyrrolo[1,2-a]pyrazine   | 132 | C8H8N2    | 064608-59-9 | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown6.73      | 6.73 | 46.9    | ng    | 563695   | 1                     | 6.96 | 240662 | 20.0 |