

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF083118\  
 Data File : BF108699.D  
 Acq On : 31 Aug 2018 19:50  
 Operator : JU/SJ  
 Sample : J4712-02 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-14

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-BF083018.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         | 5.707       | 564           | 573         | 574          | rBV6     | 5387           | 11975         | 1.76%           | 0.264%        |
| 2         | 6.683       | 732           | 739         | 741          | rBV4     | 21079          | 46681         | 6.88%           | 1.027%        |
| 3         | 6.789       | 752           | 757         | 774          | rBV      | 43167          | 134503        | 19.82%          | 2.960%        |
| 4         | 7.001       | 790           | 793         | 811          | rBV      | 169996         | 408716        | 60.22%          | 8.996%        |
| 5         | 7.154       | 815           | 819         | 833          | rVV      | 93063          | 170942        | 25.19%          | 3.763%        |
| 6         | 7.607       | 886           | 896         | 906          | rBV3     | 20546          | 93887         | 13.83%          | 2.066%        |
| 7         | 8.283       | 1007          | 1011        | 1040         | rBV      | 295284         | 593299        | 87.42%          | 13.059%       |
| 8         | 9.354       | 1189          | 1193        | 1207         | rBV      | 167198         | 289225        | 42.62%          | 6.366%        |
| 9         | 9.748       | 1254          | 1260        | 1265         | rBV      | 8614           | 12676         | 1.87%           | 0.279%        |
| 10        | 10.042      | 1306          | 1310        | 1326         | rBV      | 452834         | 576512        | 84.95%          | 12.689%       |
| 11        | 10.842      | 1442          | 1446        | 1457         | rBV2     | 48662          | 105561        | 15.55%          | 2.323%        |
| 12        | 10.913      | 1457          | 1458        | 1464         | rVB3     | 5807           | 8727          | 1.29%           | 0.192%        |
| 13        | 11.542      | 1561          | 1565        | 1589         | rBV      | 336067         | 570509        | 84.06%          | 12.557%       |
| 14        | 12.765      | 1769          | 1773        | 1778         | rBV      | 19372          | 32267         | 4.75%           | 0.710%        |
| 15        | 12.995      | 1809          | 1812        | 1815         | rBV      | 11793          | 13403         | 1.97%           | 0.295%        |
| 16        | 13.118      | 1830          | 1833        | 1842         | rBV      | 257507         | 329208        | 48.51%          | 7.246%        |
| 17        | 14.195      | 2012          | 2016        | 2025         | rBV      | 543962         | 678669        | 100.00%         | 14.938%       |
| 18        | 15.753      | 2276          | 2281        | 2298         | rVB      | 255225         | 466545        | 68.74%          | 10.269%       |

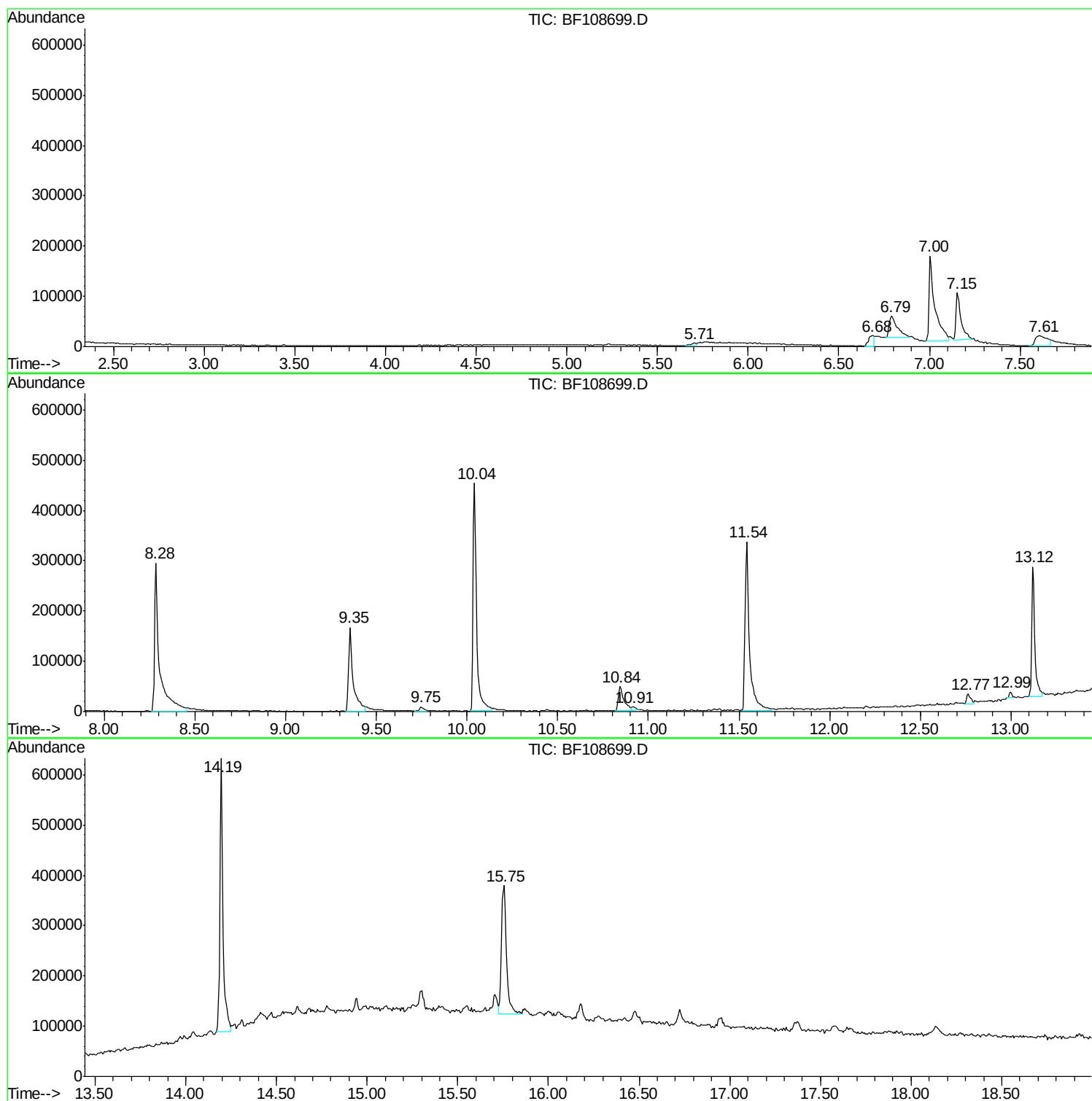
Sum of corrected areas: 4543305

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.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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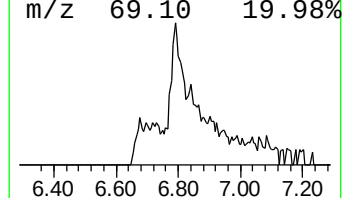
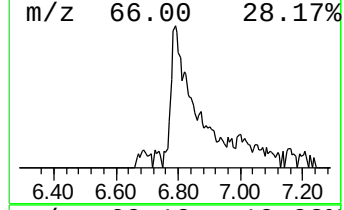
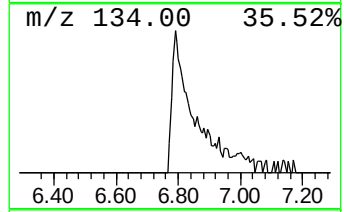
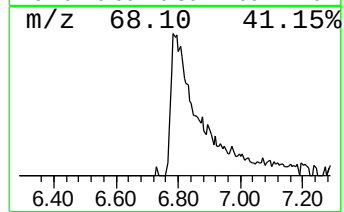
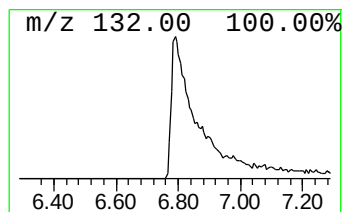
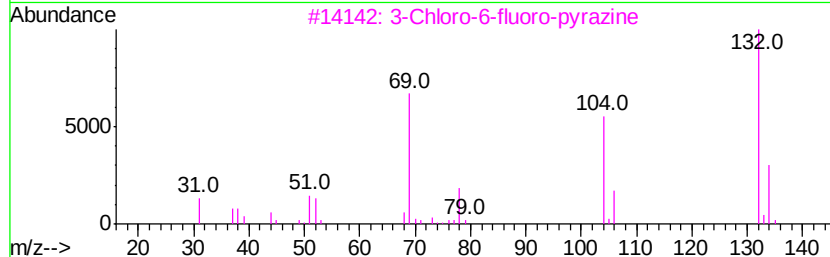
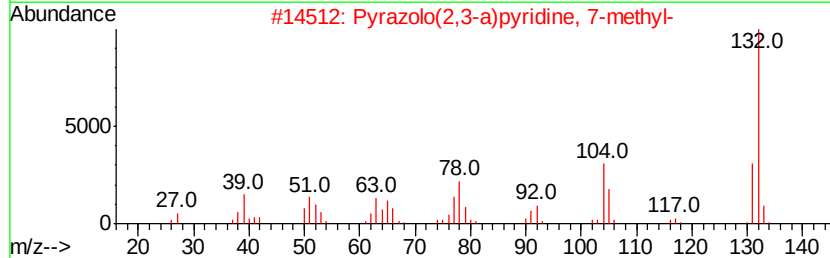
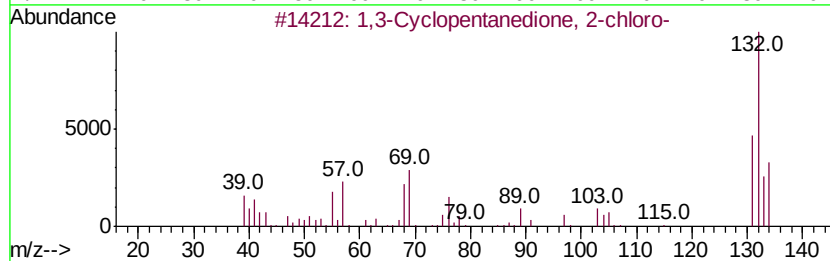
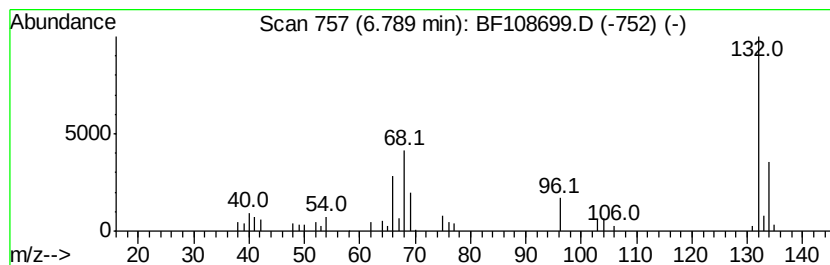
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown6.79 Concentration Rank 2

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 6.79 | 6.58 ng | 134503 | 1,4-Dichlorobenzene-d4 | 7.00 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm   | CAS#         | Qual |
|------|----|---|------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1,3-Cyclopentanedione, 2-chloro-   | 132 | C5H5ClO2  | 014203-19-1  | 37   |
| 2    |    |   | Pyrazolo(2,3-a)pyridine, 7-methyl- | 132 | C8H8N2    | 034760-58-2  | 22   |
| 3    |    |   | 3-Chloro-6-fluoro-pyrazine         | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 4    |    |   | 5-Fluoro-2-chloropyrimidine        | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 5    |    |   | 4-Chloro-6-fluoro-pyrimidine       | 132 | C4H2ClFN2 | 051422-01-6  | 16   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown6.79      | 6.79 | 6.6     | ng    | 134503   | 1                     | 7.00 | 408716 | 20.0 |