

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_F\DATA\BF090717\  
 Data File : BF098332.D  
 Acq On : 7 Sep 2017 23:54  
 Operator : SJ/JU  
 Sample : I5071-07 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 G58A-0-2.5

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081517.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         | 4.851       | 467           | 470         | 485          | rBB      | 50635          | 55866         | 6.77%           | 0.904%        |
| 2         | 5.287       | 541           | 544         | 557          | rBB      | 225772         | 217862        | 26.40%          | 3.524%        |
| 3         | 6.328       | 718           | 721         | 734          | rBV      | 292815         | 267967        | 32.47%          | 4.335%        |
| 4         | 6.457       | 740           | 743         | 748          | rBV      | 299017         | 246796        | 29.90%          | 3.992%        |
| 5         | 6.687       | 779           | 782         | 786          | rBV      | 774548         | 632073        | 76.58%          | 10.225%       |
| 6         | 6.840       | 805           | 808         | 815          | rBV      | 224995         | 207475        | 25.14%          | 3.356%        |
| 7         | 7.251       | 875           | 878         | 884          | rBV      | 173239         | 143412        | 17.38%          | 2.320%        |
| 8         | 7.975       | 997           | 1001        | 1004         | rBV      | 938891         | 825382        | 100.00%         | 13.352%       |
| 9         | 9.045       | 1180          | 1183        | 1187         | rBV      | 362289         | 288480        | 34.95%          | 4.667%        |
| 10        | 9.445       | 1248          | 1251        | 1256         | rBB      | 37851          | 28540         | 3.46%           | 0.462%        |
| 11        | 9.728       | 1295          | 1299        | 1302         | rBV      | 867252         | 777618        | 94.21%          | 12.579%       |
| 12        | 10.510      | 1429          | 1432        | 1437         | rVB      | 69982          | 62670         | 7.59%           | 1.014%        |
| 13        | 10.645      | 1450          | 1455        | 1458         | rBV3     | 9596           | 13666         | 1.66%           | 0.221%        |
| 14        | 10.698      | 1460          | 1464        | 1467         | rBV      | 17347          | 14934         | 1.81%           | 0.242%        |
| 15        | 10.728      | 1467          | 1469        | 1473         | rBV3     | 11820          | 13496         | 1.64%           | 0.218%        |
| 16        | 10.763      | 1473          | 1475        | 1477         | rBV      | 13476          | 10505         | 1.27%           | 0.170%        |
| 17        | 10.875      | 1491          | 1494        | 1498         | rVB2     | 12018          | 11189         | 1.36%           | 0.181%        |
| 18        | 10.916      | 1498          | 1501        | 1505         | rBV      | 14637          | 15717         | 1.90%           | 0.254%        |
| 19        | 11.080      | 1523          | 1529        | 1532         | rBV2     | 7039           | 9861          | 1.19%           | 0.160%        |
| 20        | 11.210      | 1547          | 1551        | 1554         | rBV      | 820733         | 722305        | 87.51%          | 11.685%       |
| 21        | 11.280      | 1561          | 1563        | 1568         | rVB      | 9098           | 9430          | 1.14%           | 0.153%        |
| 22        | 11.822      | 1652          | 1655        | 1658         | rBV2     | 10240          | 10933         | 1.32%           | 0.177%        |
| 23        | 12.416      | 1754          | 1756        | 1759         | rVB      | 39320          | 34379         | 4.17%           | 0.556%        |
| 24        | 12.645      | 1786          | 1795        | 1798         | rBV      | 46553          | 51482         | 6.24%           | 0.833%        |
| 25        | 12.674      | 1798          | 1800        | 1804         | rVV2     | 10284          | 13084         | 1.59%           | 0.212%        |
| 26        | 12.786      | 1816          | 1819        | 1823         | rBV      | 259895         | 233266        | 28.26%          | 3.773%        |
| 27        | 12.863      | 1829          | 1832        | 1838         | rBV6     | 6858           | 14269         | 1.73%           | 0.231%        |
| 28        | 12.974      | 1848          | 1851        | 1854         | rVB2     | 14146          | 13251         | 1.61%           | 0.214%        |
| 29        | 13.274      | 1899          | 1902        | 1907         | rBV      | 37592          | 34164         | 4.14%           | 0.553%        |
| 30        | 13.845      | 1994          | 1999        | 2002         | rBV      | 720475         | 706500        | 85.60%          | 11.429%       |
| 31        | 15.257      | 2235          | 2239        | 2247         | rVB      | 400837         | 495139        | 59.99%          | 8.010%        |

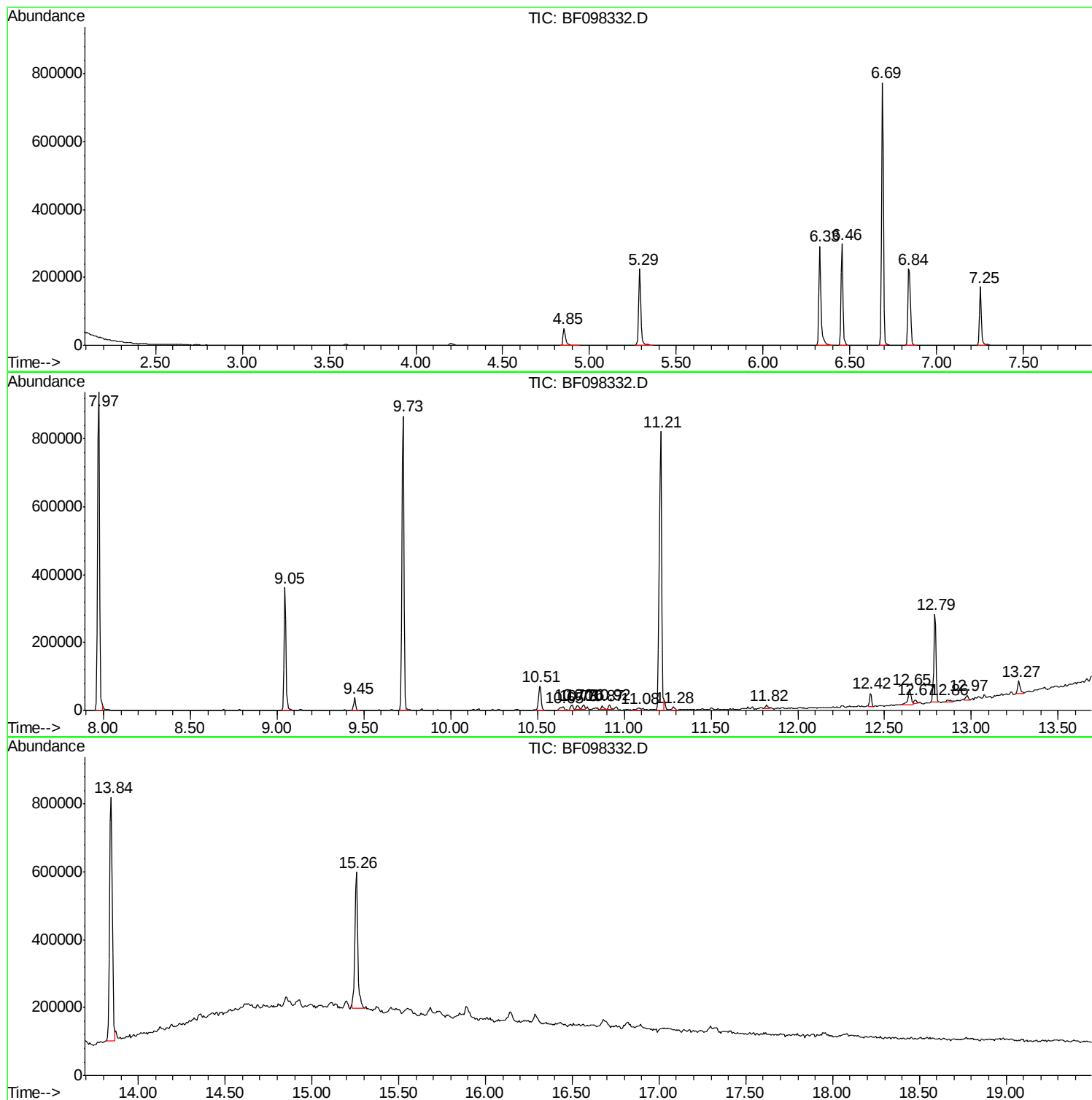
Sum of corrected areas: 6181711

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081517.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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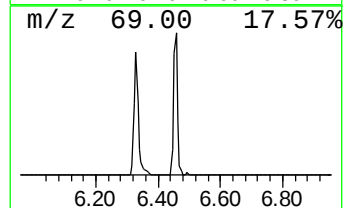
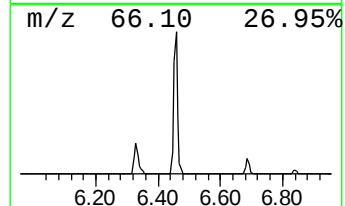
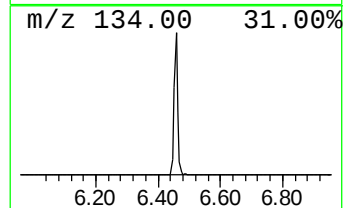
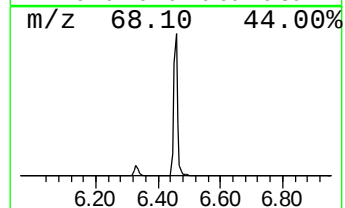
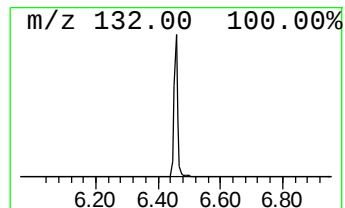
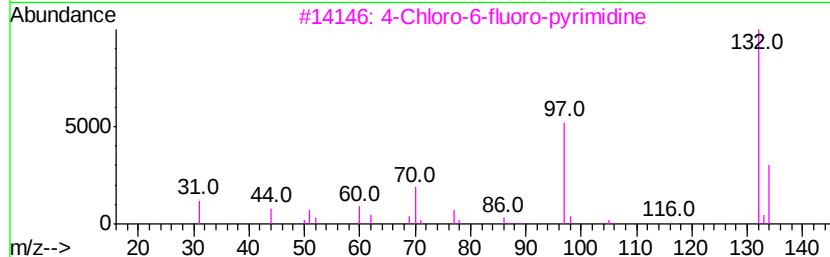
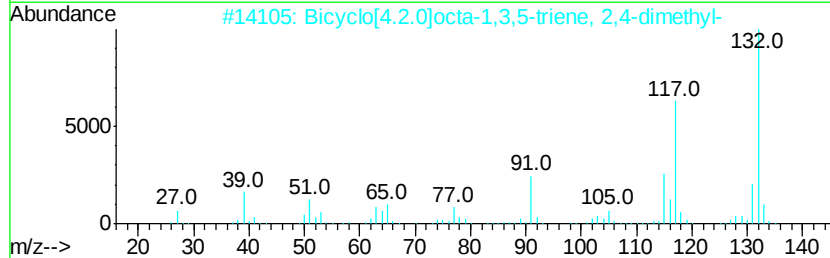
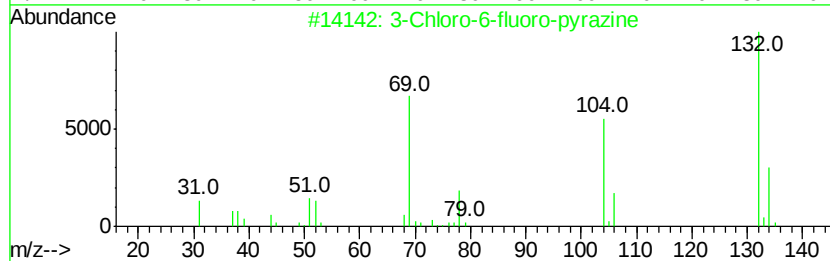
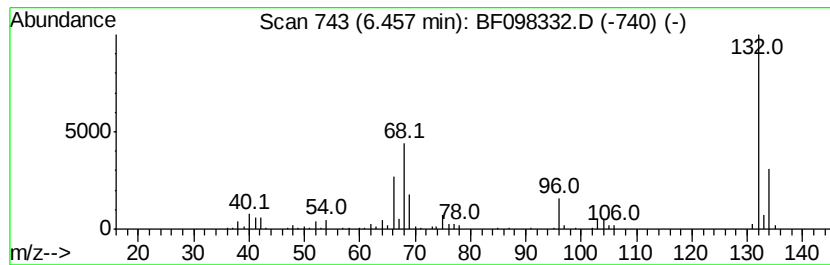
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Peak Number 1 unknown6.46 Concentration Rank 1

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 6.46 | 7.81 ng | 246796 | 1,4-Dichlorobenzene-d4 | 6.69 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 2    |    |   | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 3    |    |   | 4-Chloro-6-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-01-6  | 9    |
| 4    |    |   | 4-Chloro-2-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 5    |    |   | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2  | 029490-19-5  | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown6.46      | 6.46 | 7.8     | ng    | 246796   | 1                     | 6.69 | 632073 | 20.0 |