

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052916\  
 Data File : BF087524.D  
 Acq On : 29 May 2016 22:14  
 Operator : UM/SJ  
 Sample : H3222-09  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-23

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-BF052316.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         | 4.810       | 278           | 282         | 291          | rBV3     | 8989           | 48275         | 1.15%           | 0.179%        |
| 2         | 5.381       | 330           | 332         | 354          | rBV      | 484256         | 1454713       | 34.78%          | 5.395%        |
| 3         | 7.039       | 475           | 477         | 482          | rBV      | 318681         | 798091        | 19.08%          | 2.960%        |
| 4         | 7.119       | 482           | 484         | 501          | rVB      | 1873087        | 3321131       | 79.41%          | 12.318%       |
| 5         | 7.473       | 513           | 515         | 527          | rBV      | 459434         | 788101        | 18.84%          | 2.923%        |
| 6         | 7.702       | 532           | 535         | 551          | rVB      | 2056950        | 2810491       | 67.20%          | 10.424%       |
| 7         | 8.387       | 593           | 595         | 624          | rBV      | 1719649        | 2545276       | 60.86%          | 9.440%        |
| 8         | 9.507       | 690           | 693         | 717          | rBV      | 511177         | 965587        | 23.09%          | 3.581%        |
| 9         | 11.279      | 845           | 848         | 866          | rBV      | 3251054        | 4182108       | 100.00%         | 15.511%       |
| 10        | 11.999      | 909           | 911         | 925          | rBV      | 44273          | 108211        | 2.59%           | 0.401%        |
| 11        | 12.331      | 937           | 940         | 955          | rBV      | 696198         | 1075003       | 25.70%          | 3.987%        |
| 12        | 13.622      | 1050          | 1053        | 1076         | rBV      | 1557235        | 2507724       | 59.96%          | 9.301%        |
| 13        | 13.931      | 1078          | 1080        | 1085         | rVB      | 32095          | 52661         | 1.26%           | 0.195%        |
| 14        | 14.742      | 1149          | 1151        | 1168         | rVB      | 489537         | 999870        | 23.91%          | 3.708%        |
| 15        | 16.845      | 1331          | 1335        | 1340         | rBV      | 21681          | 58172         | 1.39%           | 0.216%        |
| 16        | 16.925      | 1340          | 1342        | 1345         | rVB      | 61147          | 71771         | 1.72%           | 0.266%        |
| 17        | 17.085      | 1354          | 1356        | 1359         | rBV      | 3016631        | 3685873       | 88.13%          | 13.671%       |
| 18        | 17.851      | 1421          | 1423        | 1426         | rBV      | 33114          | 43432         | 1.04%           | 0.161%        |
| 19        | 18.366      | 1463          | 1468        | 1474         | rBV4     | 13579          | 53000         | 1.27%           | 0.197%        |
| 20        | 18.457      | 1474          | 1476        | 1496         | rVB      | 337042         | 761786        | 18.22%          | 2.825%        |
| 21        | 20.149      | 1621          | 1624        | 1639         | rBV      | 174942         | 630859        | 15.08%          | 2.340%        |

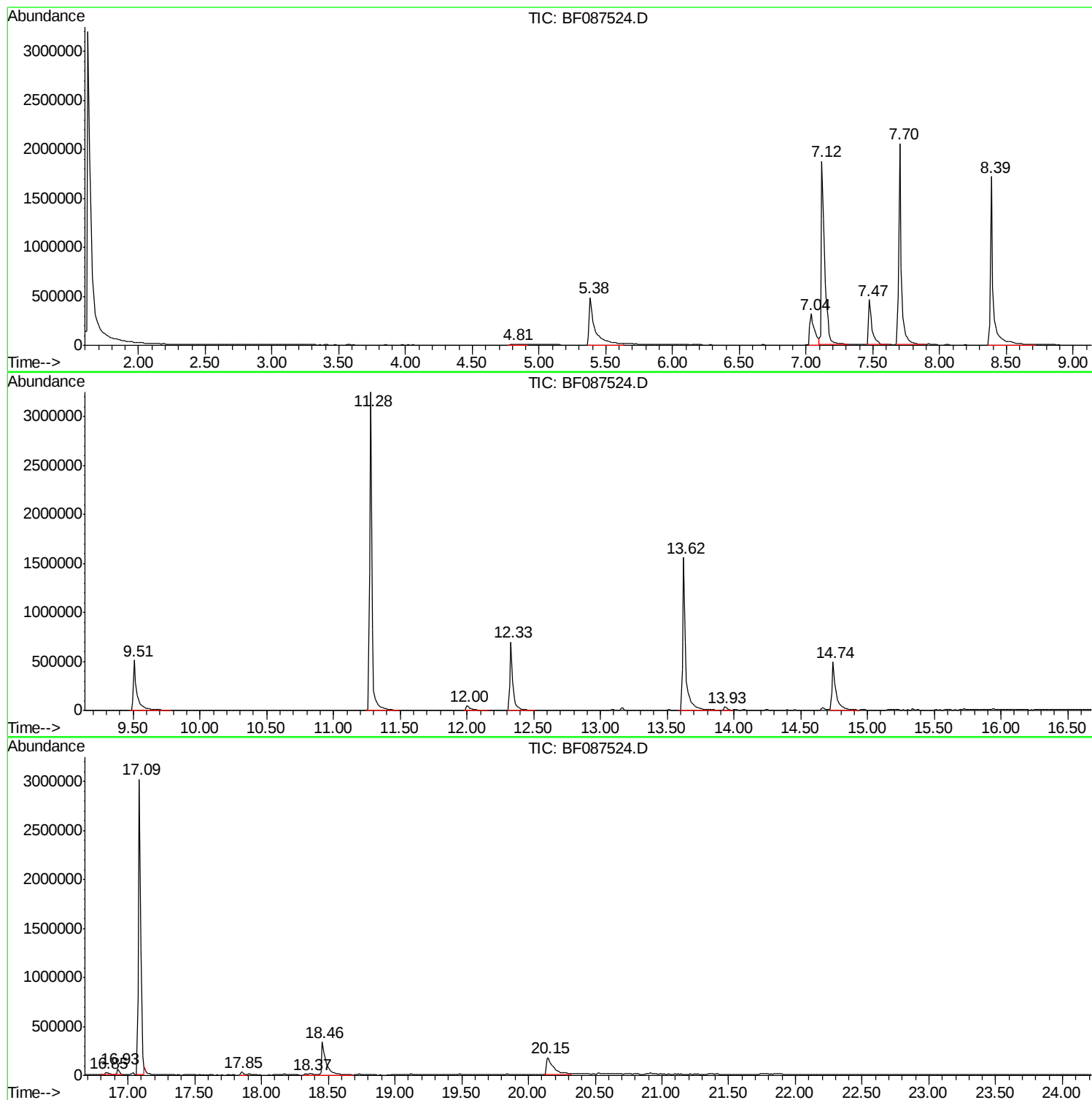
Sum of corrected areas: 26962135

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF052316.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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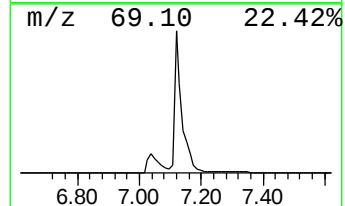
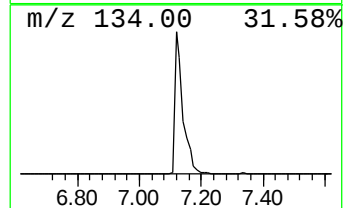
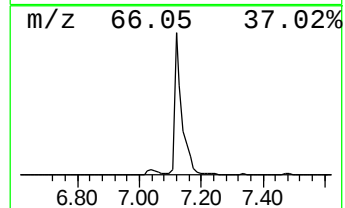
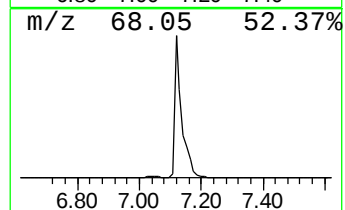
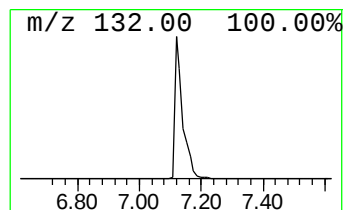
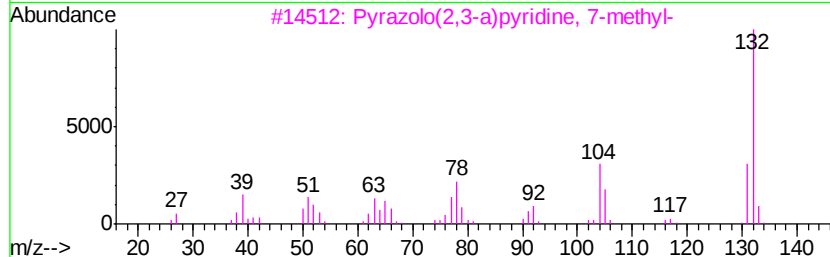
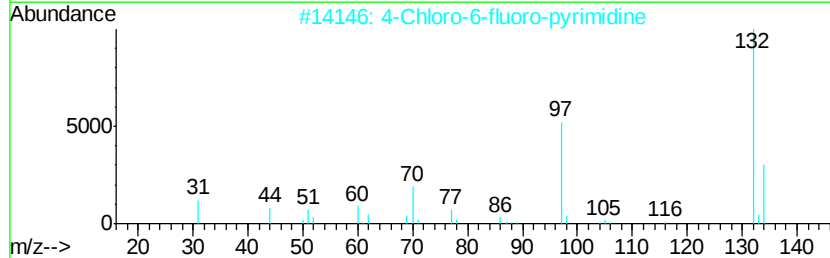
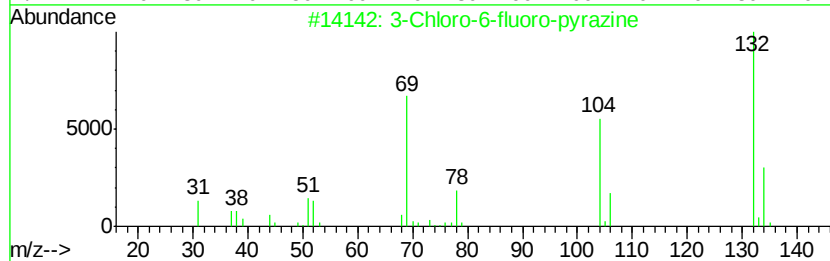
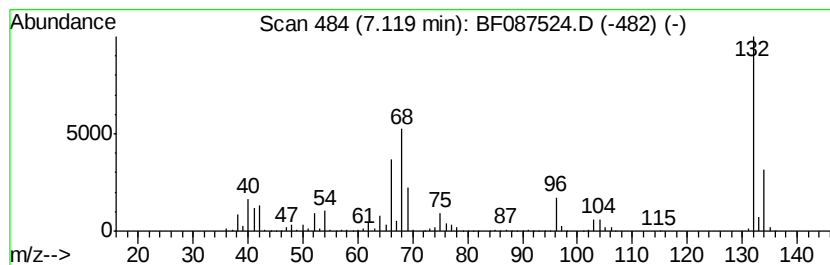
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Peak Number 1 unknown7.12 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.12 | 84.28 ng | 3321130 | 1,4-Dichlorobenzene-d4 | 7.47 |

| Hit# | of | Tentative ID                       | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine         | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 4-Chloro-6-fluoro-pyrimidine       | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 3    |    | Pyrazolo(2,3-a)pyridine, 7-methyl- | 132 | C8H8N2    | 034760-58-2  | 22   |
| 4    |    | 1H-Benzimidazole, 2-methyl-        | 132 | C8H8N2    | 000615-15-6  | 22   |
| 5    |    | Tranylcypromine-propionyl          | 189 | C12H15NO  | 1000123-86-3 | 22   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown7.12      | 7.12 | 84.3    | ng    | 3321130  | 1                     | 7.47 | 788101 | 20.0 |