

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\  
 Data File : BG031545.D  
 Acq On : 14 Dec 2017 2:00  
 Operator : SJ/JU  
 Sample : PB104979BL  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB104979BL

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\_G\METHODS\8270-BG121117.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         | 5.667       | 399           | 405         | 420          | rBV      | 358816         | 669488        | 14.34%          | 4.509%        |
| 2         | 7.277       | 673           | 679         | 691          | rBV      | 358176         | 686971        | 14.72%          | 4.627%        |
| 3         | 7.642       | 731           | 741         | 760          | rBV      | 386811         | 716060        | 15.34%          | 4.823%        |
| 4         | 8.106       | 813           | 820         | 832          | rVB      | 117633         | 209567        | 4.49%           | 1.411%        |
| 5         | 8.429       | 868           | 875         | 887          | rBV      | 455231         | 851134        | 18.23%          | 5.732%        |
| 6         | 9.275       | 1012          | 1019        | 1035         | rBV      | 261961         | 581420        | 12.45%          | 3.916%        |
| 7         | 10.926      | 1293          | 1300        | 1309         | rBV      | 110389         | 260398        | 5.58%           | 1.754%        |
| 8         | 13.352      | 1706          | 1713        | 1725         | rBV      | 1005950        | 1756957       | 37.64%          | 11.833%       |
| 9         | 14.733      | 1942          | 1948        | 1967         | rBV2     | 236756         | 460499        | 9.86%           | 3.101%        |
| 10        | 16.220      | 2195          | 2201        | 2222         | rBV      | 369207         | 782705        | 16.77%          | 5.271%        |
| 11        | 17.477      | 2408          | 2415        | 2432         | rBV2     | 452086         | 829000        | 17.76%          | 5.583%        |
| 12        | 20.062      | 2849          | 2855        | 2870         | rBV      | 3341352        | 4668282       | 100.00%         | 31.440%       |
| 13        | 21.743      | 3134          | 3141        | 3157         | rBV2     | 642488         | 1238603       | 26.53%          | 8.342%        |
| 14        | 25.027      | 3690          | 3700        | 3716         | rBV3     | 356325         | 1136929       | 24.35%          | 7.657%        |

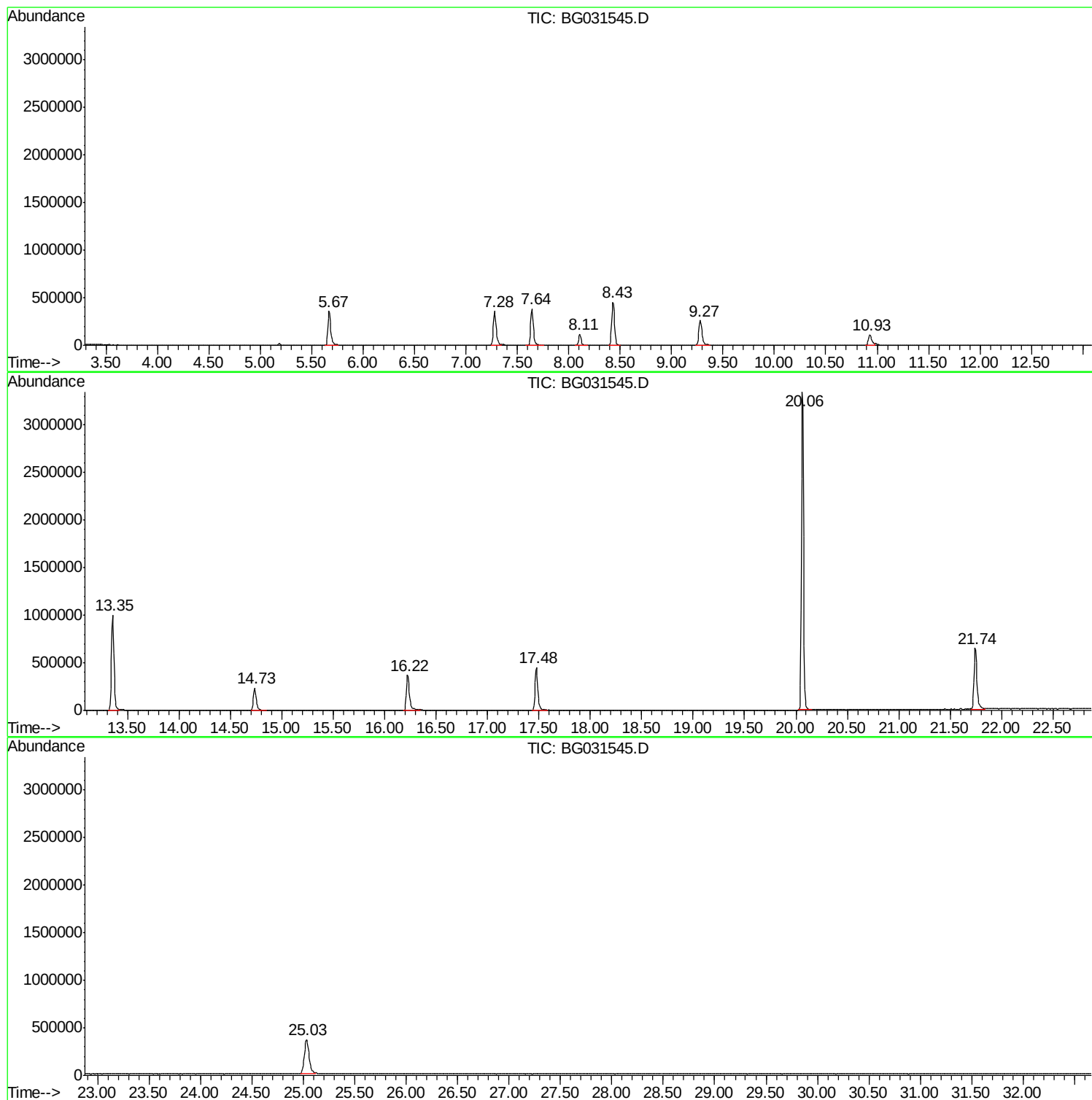
Sum of corrected areas: 14848013

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.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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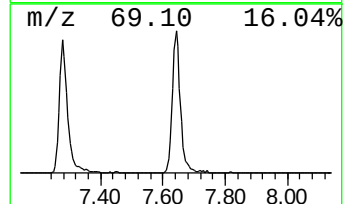
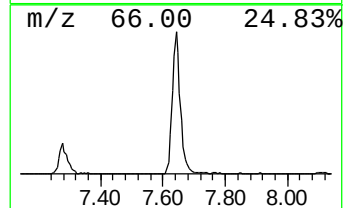
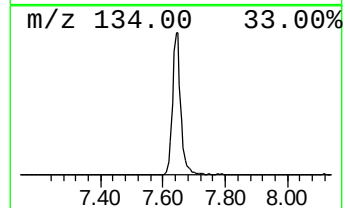
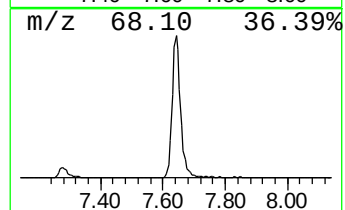
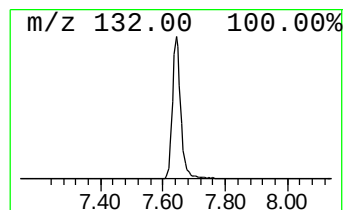
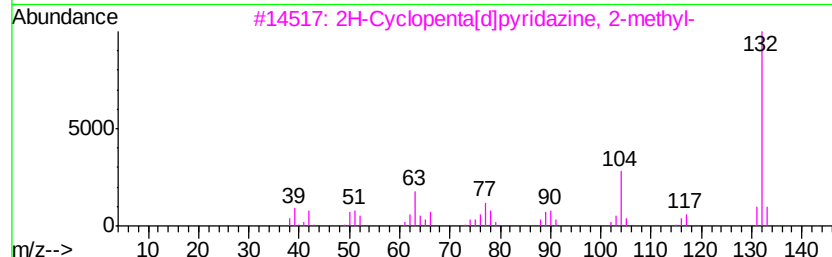
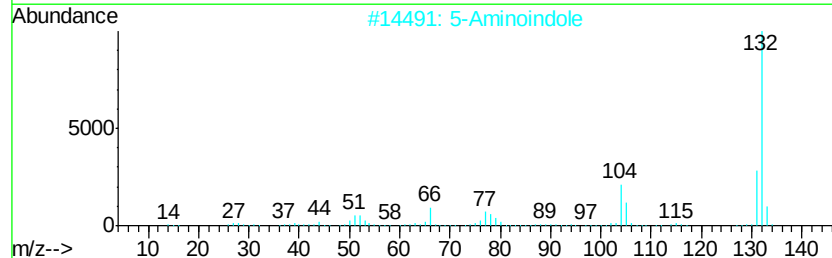
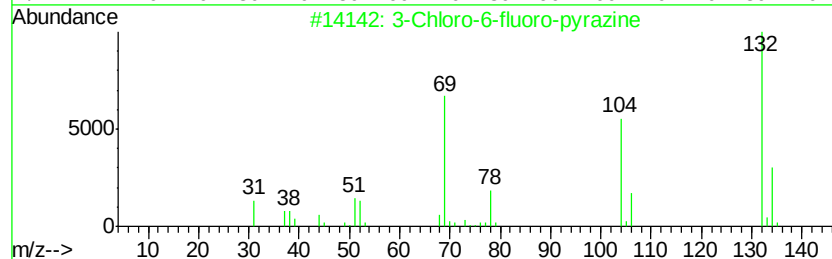
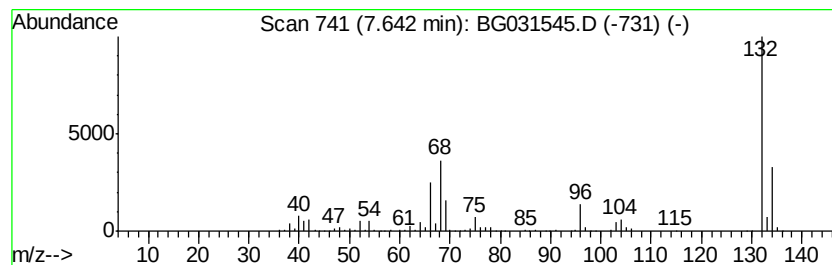
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Peak Number 1 unknown7.64 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.64 | 68.34 ng | 716060 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    |   | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 22   |
| 3    |    |   | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |
| 4    |    |   | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 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 |
| unknown7.64      | 7.64 | 68.3    | ng    | 716060   | 1                     | 8.11 | 209567 | 20.0 |