

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\  
 Data File : BG031517.D  
 Acq On : 13 Dec 2017 7:26  
 Operator : SJ/JU  
 Sample : I6763-11  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 120517-FOPI-F-D-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:\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         | 5.186       | 315           | 323         | 333          | rBV      | 41762          | 70751         | 1.25%           | 0.386%        |
| 2         | 5.673       | 399           | 406         | 417          | rBV      | 245588         | 465062        | 8.22%           | 2.539%        |
| 3         | 7.283       | 674           | 680         | 697          | rBV      | 146974         | 319483        | 5.65%           | 1.744%        |
| 4         | 7.642       | 734           | 741         | 754          | rBV      | 498441         | 926967        | 16.39%          | 5.061%        |
| 5         | 8.106       | 814           | 820         | 829          | rBV      | 175049         | 307400        | 5.43%           | 1.678%        |
| 6         | 8.435       | 868           | 876         | 885          | rBV      | 712720         | 1284065       | 22.70%          | 7.011%        |
| 7         | 9.275       | 1012          | 1019        | 1034         | rBV      | 487855         | 965158        | 17.06%          | 5.269%        |
| 8         | 10.926      | 1292          | 1300        | 1317         | rBV      | 203695         | 450560        | 7.97%           | 2.460%        |
| 9         | 13.353      | 1706          | 1713        | 1732         | rBV      | 1784635        | 2919403       | 51.61%          | 15.939%       |
| 10        | 14.733      | 1940          | 1948        | 1966         | rVB2     | 425558         | 750096        | 13.26%          | 4.095%        |
| 11        | 16.226      | 2196          | 2202        | 2215         | rBV      | 201975         | 407139        | 7.20%           | 2.223%        |
| 12        | 17.471      | 2408          | 2414        | 2429         | rBV2     | 598909         | 1026803       | 18.15%          | 5.606%        |
| 13        | 20.068      | 2849          | 2856        | 2870         | rBV      | 4238204        | 5656117       | 100.00%         | 30.881%       |
| 14        | 21.749      | 3135          | 3142        | 3155         | rBV      | 791982         | 1435094       | 25.37%          | 7.835%        |
| 15        | 25.027      | 3690          | 3700        | 3712         | rBV2     | 444805         | 1331996       | 23.55%          | 7.272%        |

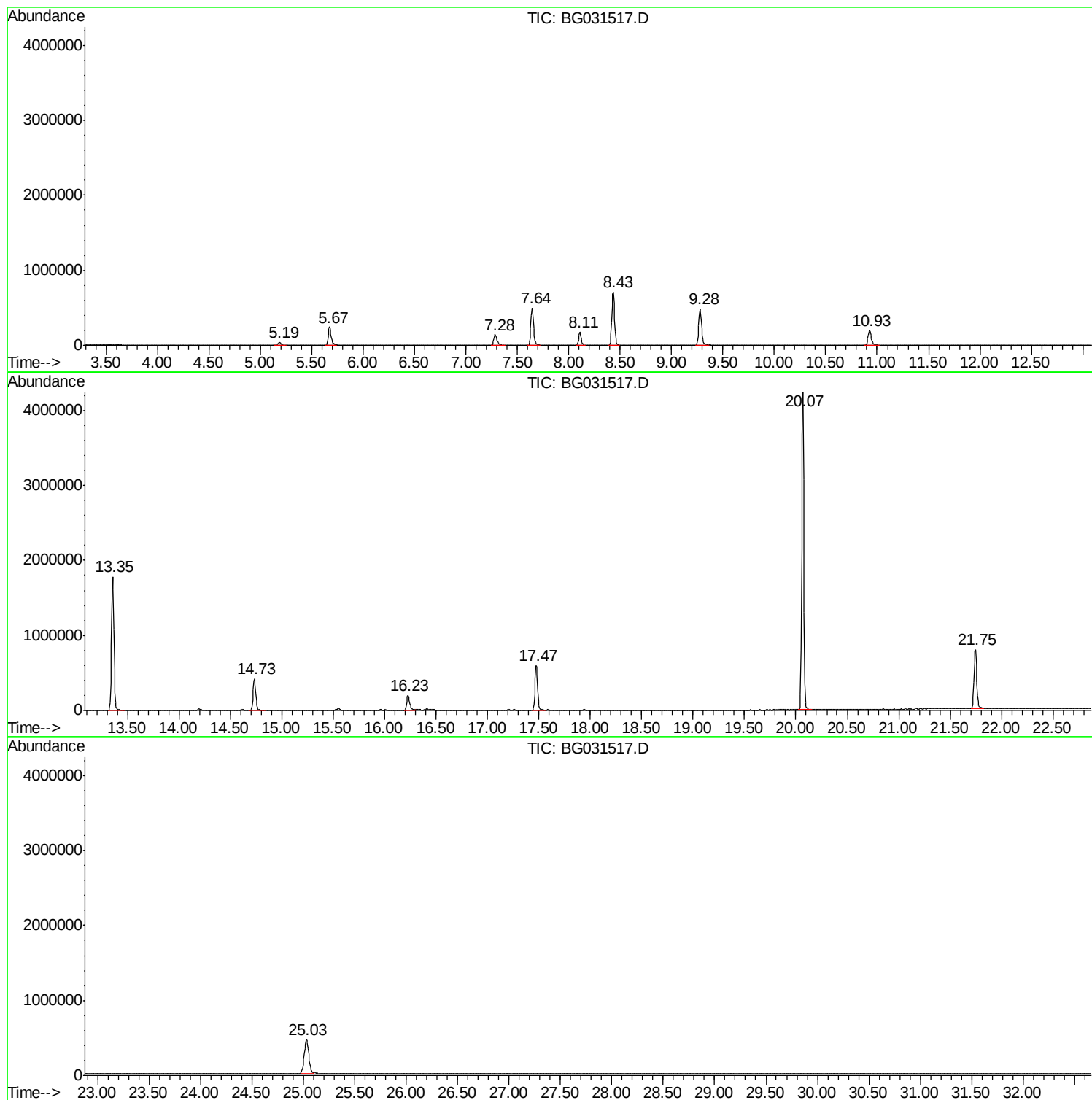
Sum of corrected areas: 18316094

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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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ClientSampleId :  
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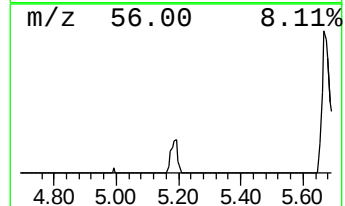
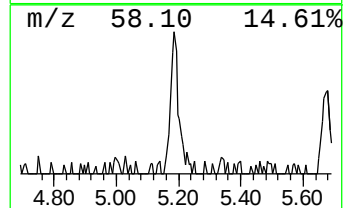
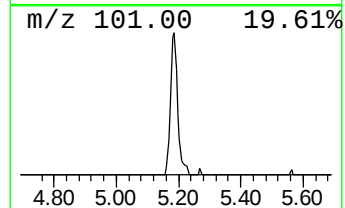
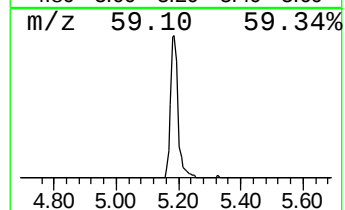
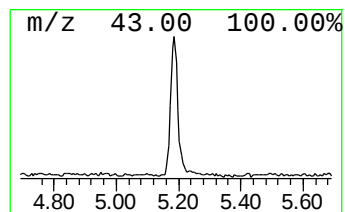
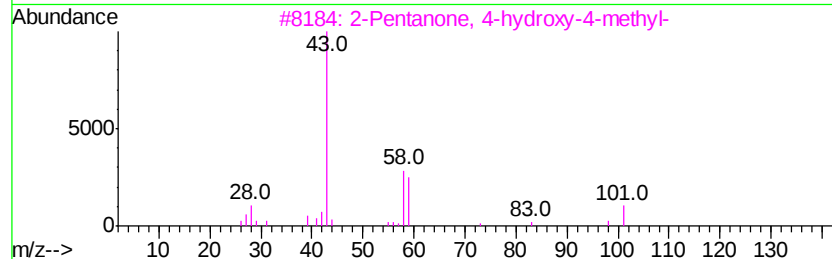
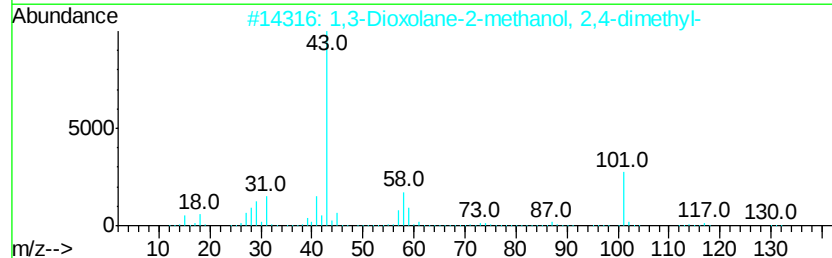
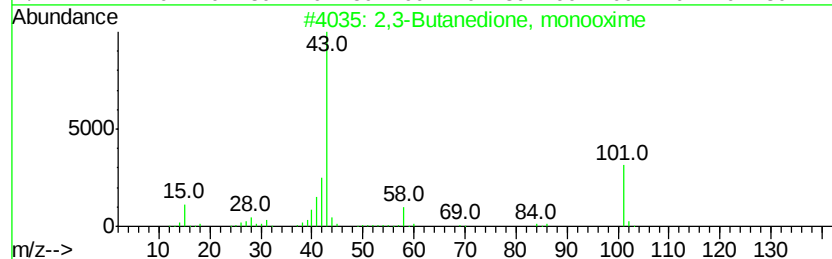
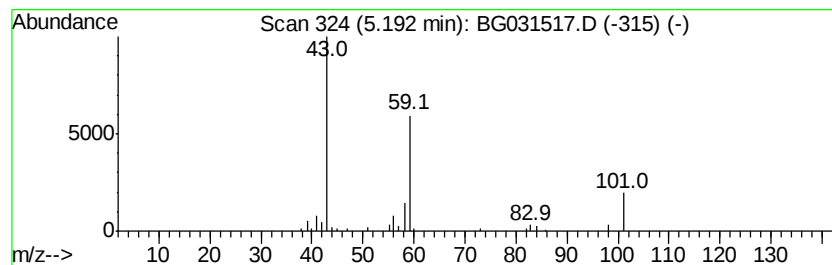
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown5.19 Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.19 | 4.60 ng | 70751 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 2,3-Butanedione, monooxime          |   |              | 101 | C4H7NO2 | 000057-71-6 | 38   |
| 2    | 1,3-Dioxolane-2-methanol, 2,4-di... |   |              | 132 | C6H12O3 | 053951-43-2 | 25   |
| 3    | 2-Pentanone, 4-hydroxy-4-methyl-    |   |              | 116 | C6H12O2 | 000123-42-2 | 17   |
| 4    | 1-Butene, 4-ethoxy-                 |   |              | 100 | C6H12O  | 044611-46-3 | 10   |
| 5    | Morpholine, 4-methyl-               |   |              | 101 | C5H11NO | 000109-02-4 | 9    |



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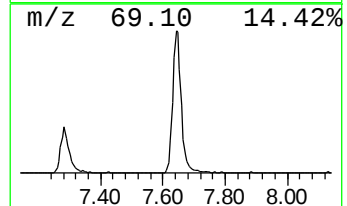
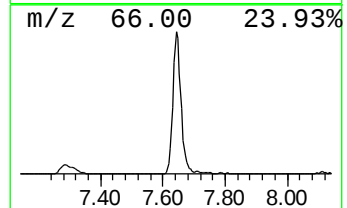
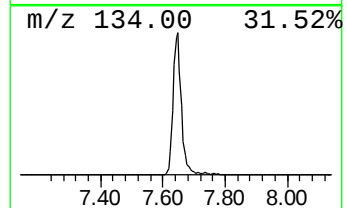
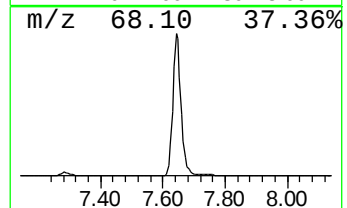
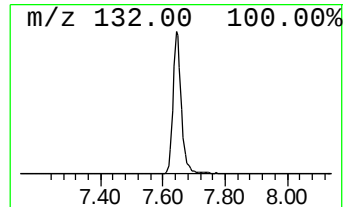
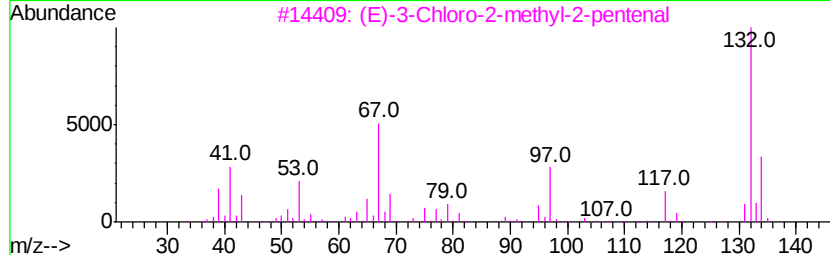
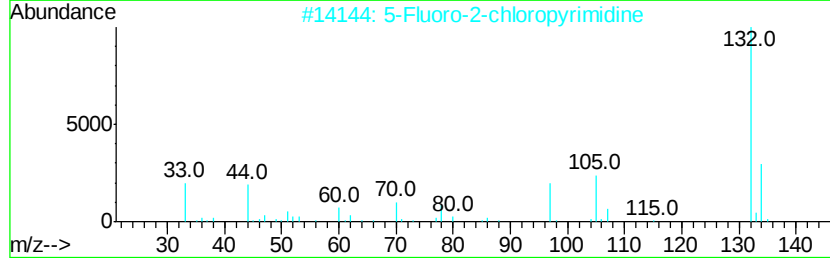
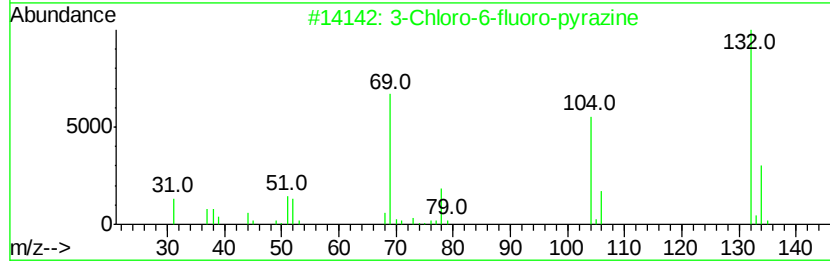
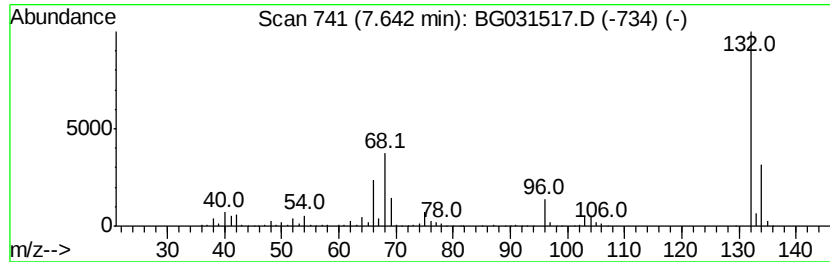
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Peak Number 2 unknown7.64 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.64 | 60.31 ng | 926967 | 1,4-Dichlorobenzene-d4 | 8.11 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 17   |
| 3    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 12   |
| 4    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 5    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 10   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown5.19      | 5.19 | 4.6     | ng    | 70751    | 1                     | 8.11 | 307400 | 20.0 |
| unknown7.64      | 7.64 | 60.3    | ng    | 926967   | 1                     | 8.11 | 307400 | 20.0 |