

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\  
 Data File : BG028657.D  
 Acq On : 12 Sep 2017 1:45  
 Operator : SJ/JU  
 Sample : I5180-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 090717-TIDO-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-BG090717.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         | 5.444       | 310           | 316         | 323          | rVB      | 44143          | 69078         | 1.80%           | 0.497%        |
| 2         | 5.908       | 388           | 395         | 405          | rBV      | 216114         | 375513        | 9.78%           | 2.704%        |
| 3         | 7.488       | 658           | 664         | 673          | rBV      | 126784         | 231709        | 6.04%           | 1.669%        |
| 4         | 7.870       | 718           | 729         | 739          | rBV      | 391343         | 701118        | 18.26%          | 5.049%        |
| 5         | 8.334       | 802           | 808         | 817          | rVB      | 136374         | 236423        | 6.16%           | 1.702%        |
| 6         | 8.663       | 854           | 864         | 873          | rBV      | 549362         | 998626        | 26.01%          | 7.191%        |
| 7         | 9.503       | 997           | 1007        | 1019         | rBV      | 455554         | 841857        | 21.93%          | 6.062%        |
| 8         | 11.154      | 1281          | 1288        | 1301         | rVB      | 172477         | 329960        | 8.60%           | 2.376%        |
| 9         | 13.563      | 1689          | 1698        | 1708         | rBV      | 1344340        | 2125284       | 55.36%          | 15.304%       |
| 10        | 14.944      | 1926          | 1933        | 1940         | rBV2     | 309969         | 502436        | 13.09%          | 3.618%        |
| 11        | 16.436      | 2178          | 2187        | 2196         | rBV      | 758777         | 1225417       | 31.92%          | 8.824%        |
| 12        | 17.694      | 2395          | 2401        | 2407         | rBV2     | 445702         | 692550        | 18.04%          | 4.987%        |
| 13        | 20.279      | 2834          | 2841        | 2851         | rBV      | 2888574        | 3838719       | 100.00%         | 27.642%       |
| 14        | 22.024      | 3129          | 3138        | 3150         | rVB      | 476485         | 884980        | 23.05%          | 6.373%        |
| 15        | 25.526      | 3723          | 3734        | 3747         | rVB2     | 267858         | 833391        | 21.71%          | 6.001%        |

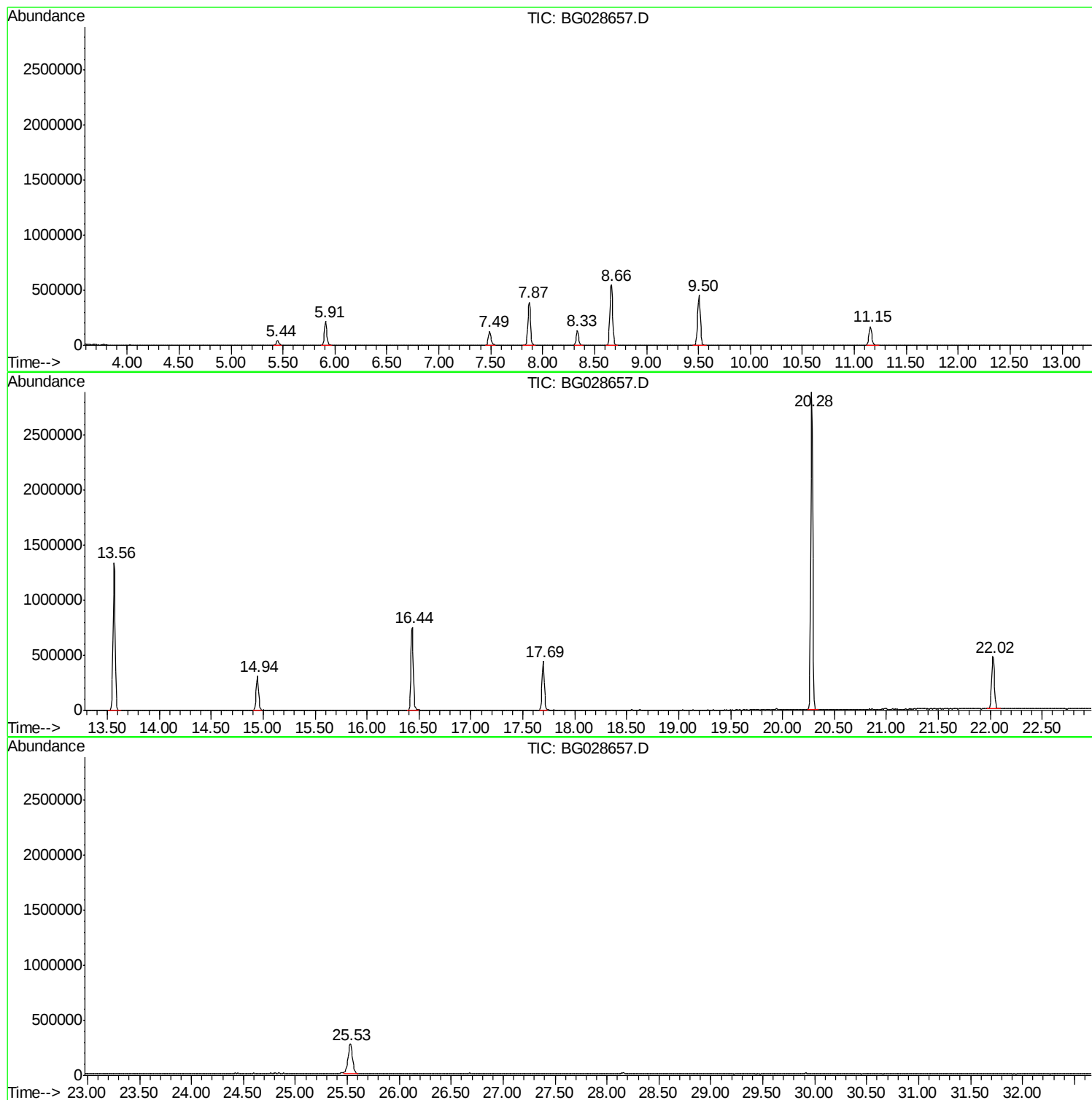
Sum of corrected areas: 13887061

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.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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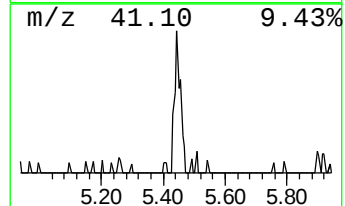
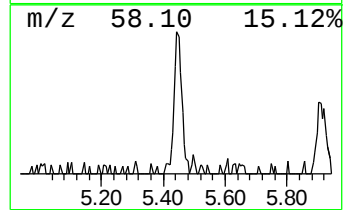
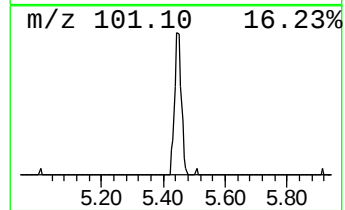
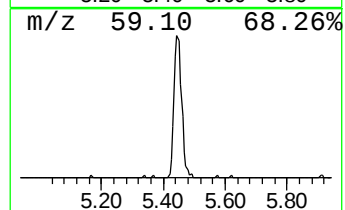
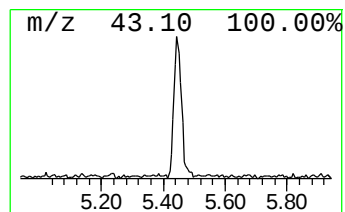
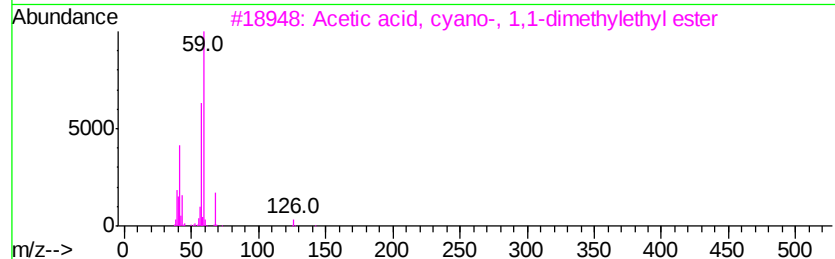
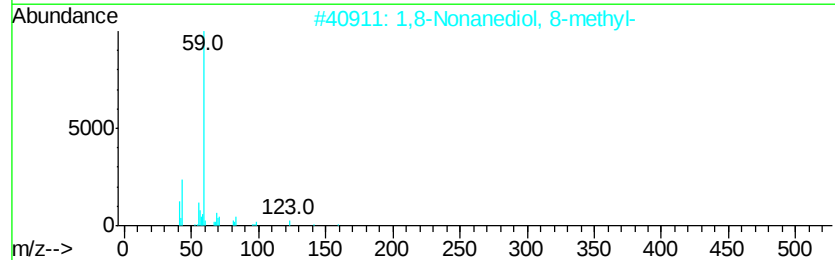
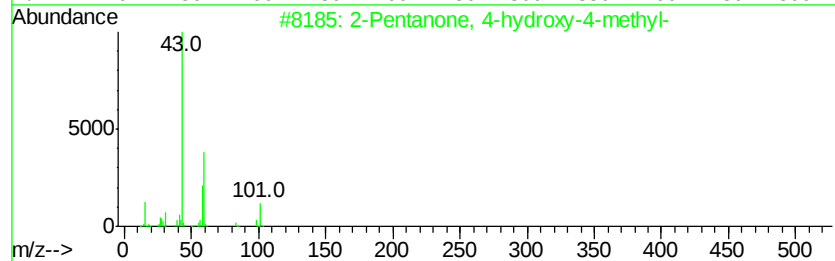
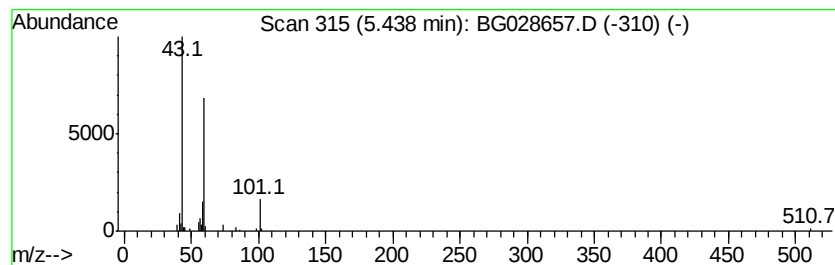
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.44 | 5.84 ng | 69078 | 1,4-Dichlorobenzene-d4 | 8.33 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    |   | 1,8-Nonanediol, 8-methyl-            | 174 | C10H22O2 | 054725-73-4 | 37   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 4    |    |   | 1,3-Dioxolane-2-methanol, 2,4-di...  | 132 | C6H12O3  | 053951-43-2 | 23   |
| 5    |    |   | Propanamide, N-ethyl-                | 101 | C5H11NO  | 005129-72-6 | 9    |



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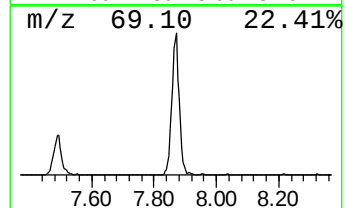
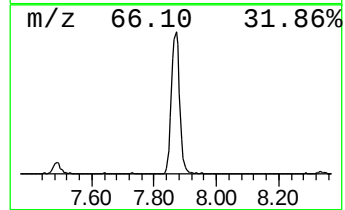
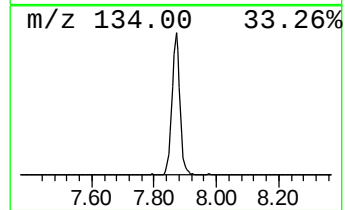
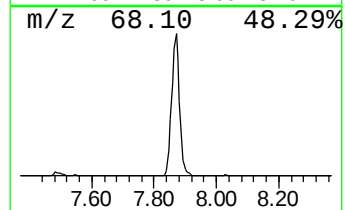
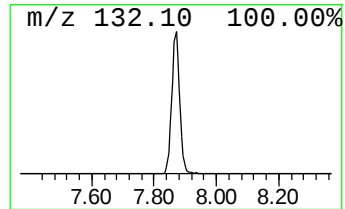
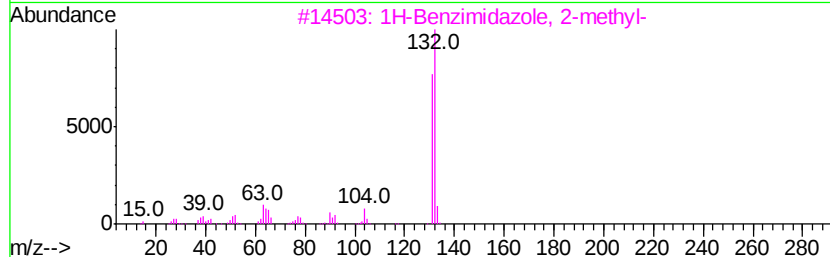
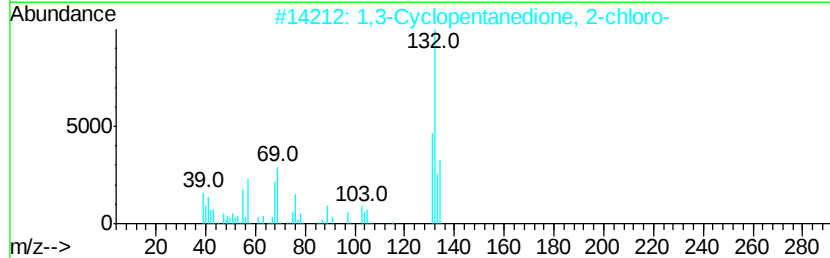
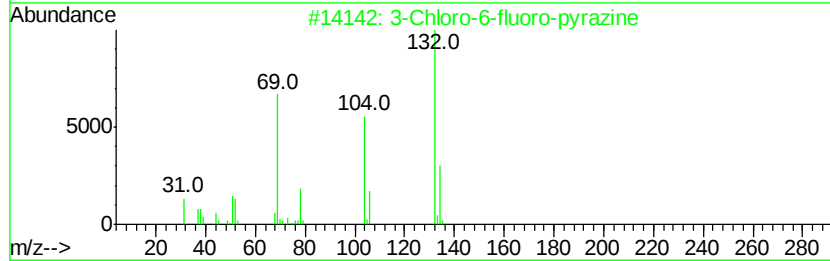
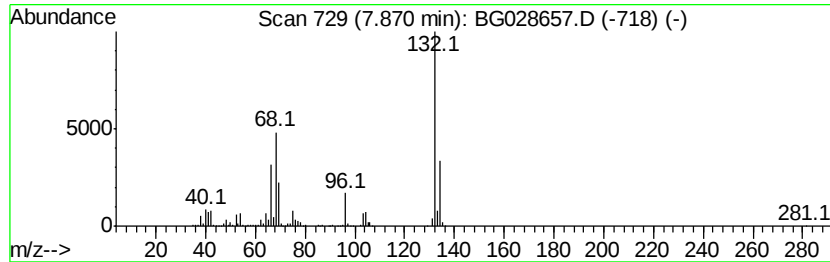
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Peak Number 2 unknown7.87 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.87 | 59.31 ng | 701118 | 1,4-Dichlorobenzene-d4 | 8.33 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 25   |
| 3    |    | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 5    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 12   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.44 | 5.8     | ng    | 69078    | 1                     | 8.33 | 236423 | 20.0 |
| unknown7.87          | 7.87 | 59.3    | ng    | 701118   | 1                     | 8.33 | 236423 | 20.0 |