

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\  
 Data File : BG016305.D  
 Acq On : 10 Apr 2015 1:28  
 Operator : TP/IZ  
 Sample : PB82620BL  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82620BL

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-BG040615.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         | 2.798       | 14            | 19          | 25           | rBV2     | 30218          | 49977         | 1.31%           | 0.218%        |
| 2         | 4.808       | 356           | 361         | 371          | rBV      | 129001         | 180509        | 4.72%           | 0.786%        |
| 3         | 5.290       | 436           | 443         | 453          | rBV      | 1248987        | 1778989       | 46.54%          | 7.747%        |
| 4         | 6.888       | 707           | 715         | 724          | rBV      | 1278473        | 2002004       | 52.38%          | 8.718%        |
| 5         | 7.234       | 767           | 774         | 784          | rBV      | 1296940        | 1981417       | 51.84%          | 8.629%        |
| 6         | 7.698       | 846           | 853         | 863          | rBV      | 298548         | 466171        | 12.20%          | 2.030%        |
| 7         | 8.016       | 900           | 907         | 918          | rBV      | 866777         | 1375073       | 35.98%          | 5.988%        |
| 8         | 8.856       | 1042          | 1050        | 1063         | rBV      | 685557         | 1125215       | 29.44%          | 4.900%        |
| 9         | 10.483      | 1318          | 1327        | 1333         | rBV      | 442413         | 743942        | 19.46%          | 3.240%        |
| 10        | 12.957      | 1741          | 1748        | 1757         | rBV      | 1916927        | 2635290       | 68.95%          | 11.476%       |
| 11        | 14.338      | 1976          | 1983        | 1990         | rBV2     | 707683         | 1041831       | 27.26%          | 4.537%        |
| 12        | 15.824      | 2230          | 2236        | 2247         | rBV      | 1275724        | 1758737       | 46.01%          | 7.659%        |
| 13        | 17.076      | 2443          | 2449        | 2455         | rBV2     | 935011         | 1307595       | 34.21%          | 5.694%        |
| 14        | 19.708      | 2891          | 2897        | 2907         | rBV      | 3053832        | 3822123       | 100.00%         | 16.644%       |
| 15        | 21.253      | 3154          | 3160        | 3165         | rBV      | 1080460        | 1384331       | 36.22%          | 6.028%        |
| 16        | 23.498      | 3535          | 3542        | 3559         | rvB2     | 686587         | 1310160       | 34.28%          | 5.705%        |

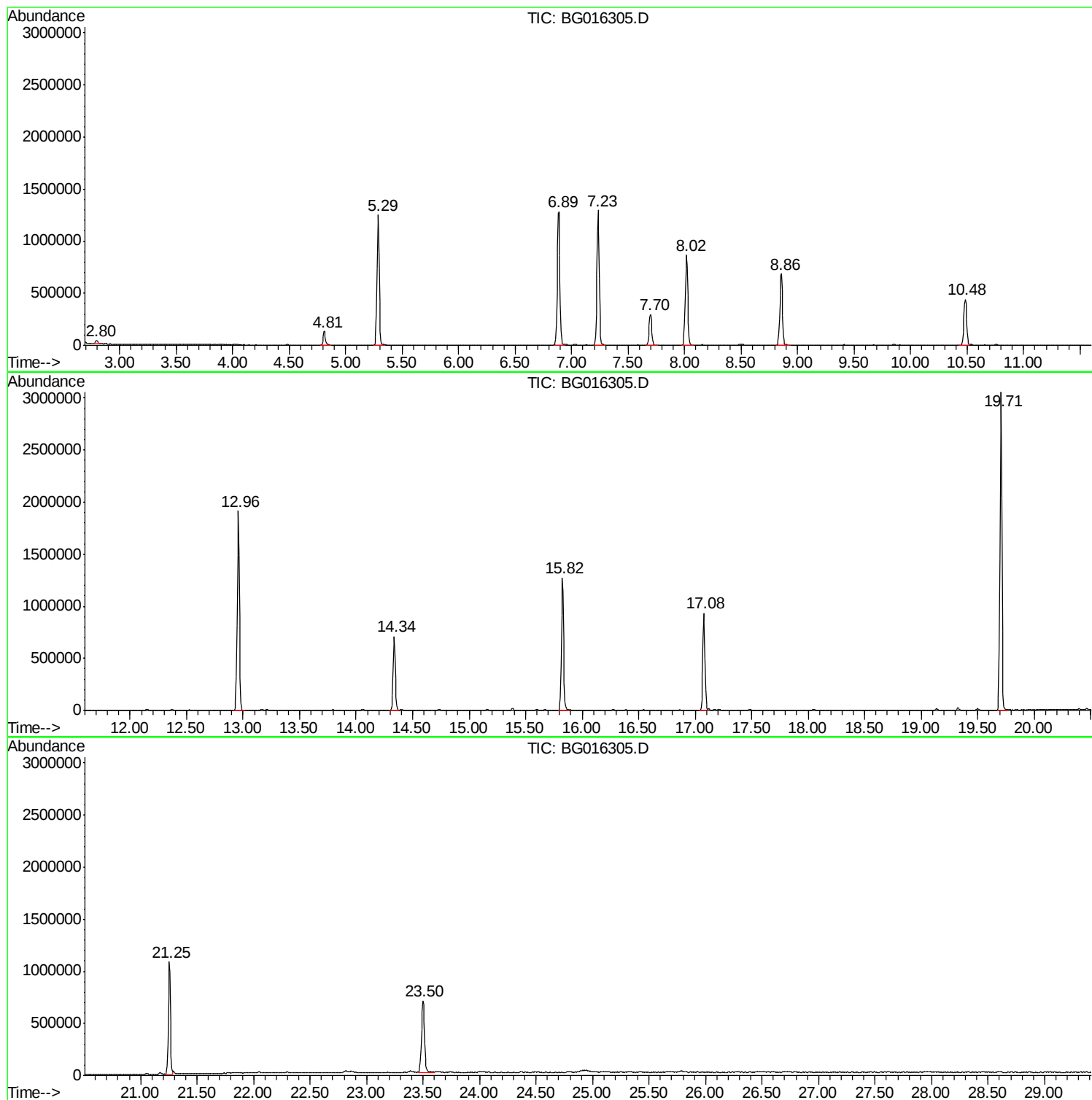
Sum of corrected areas: 22963364

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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ALS Vial : 15 Sample Multiplier: 1

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BNA\_G  
ClientSampled :  
PB82620BL

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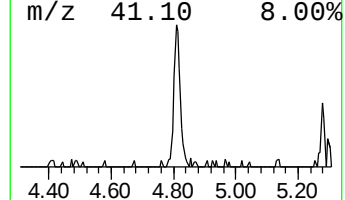
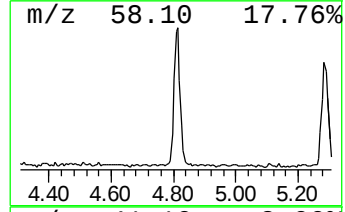
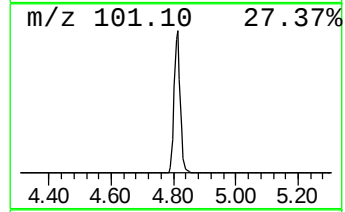
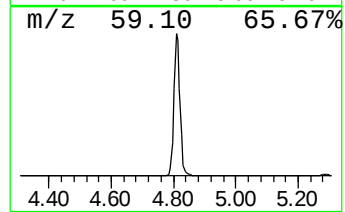
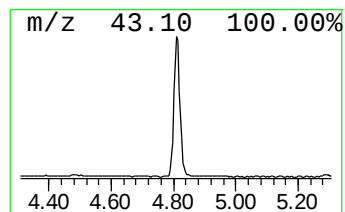
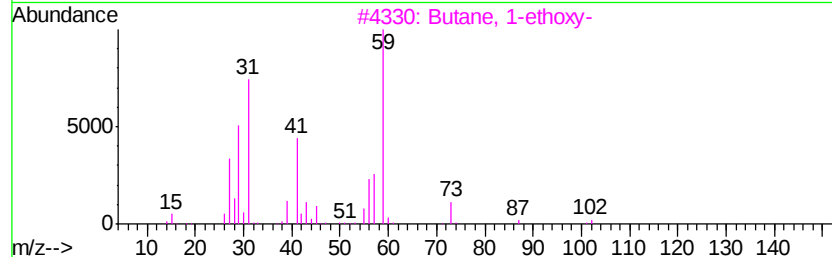
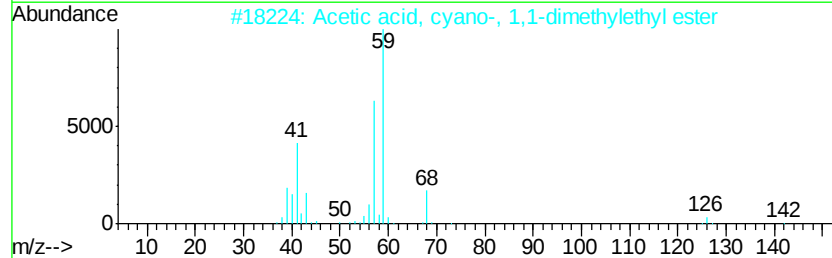
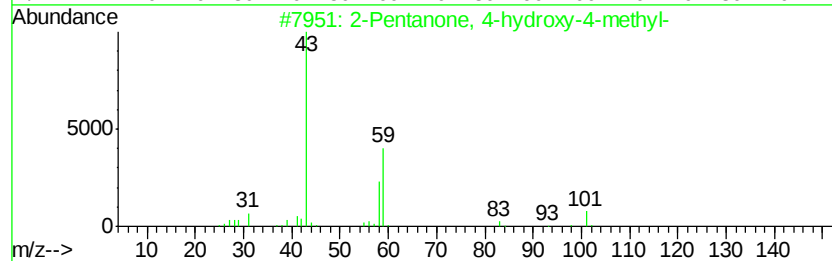
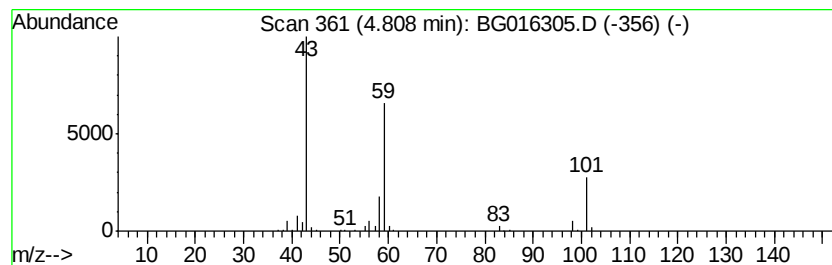
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TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.81 | 7.74 ng | 180509 | 1,4-Dichlorobenzene-d4 | 7.70 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 3    |    | Butane, 1-ethoxy-                    | 102 | C6H14O   | 000628-81-9 | 9    |
| 4    |    | (+)-4-Amino-4,5-dihydro-2(3H)-f...   | 101 | C4H7NO2  | 016504-58-8 | 9    |
| 5    |    | Propanamide, N-ethyl-                | 101 | C5H11NO  | 005129-72-6 | 9    |



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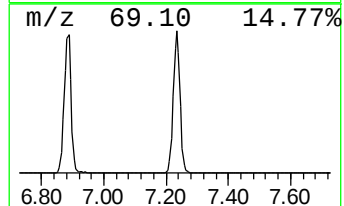
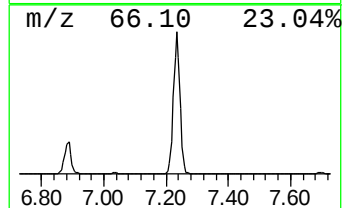
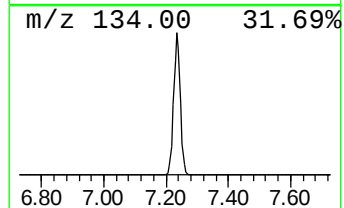
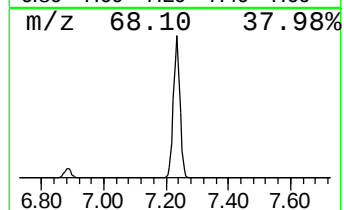
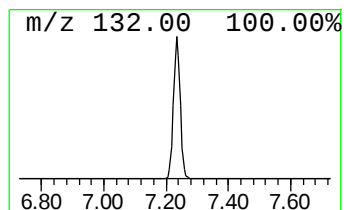
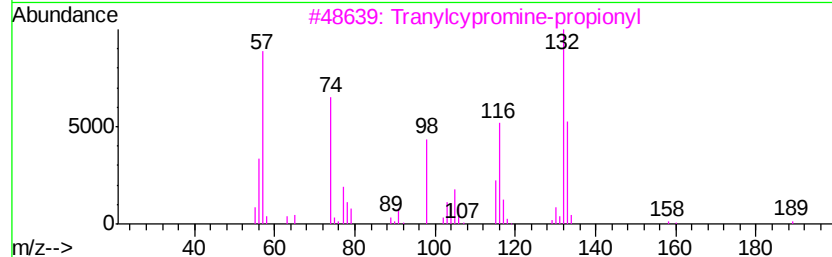
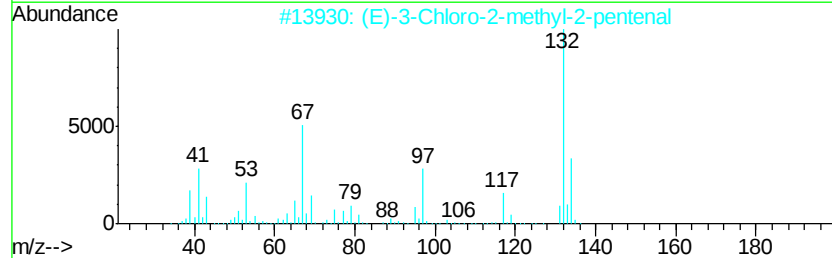
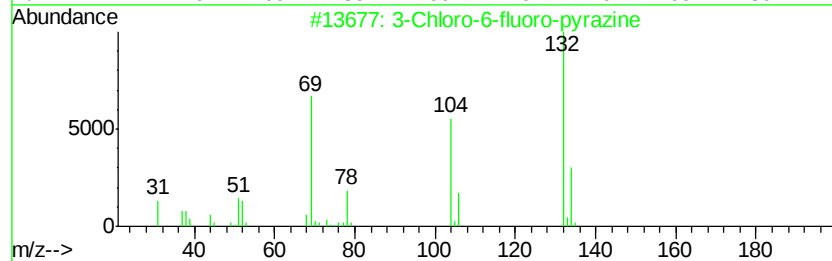
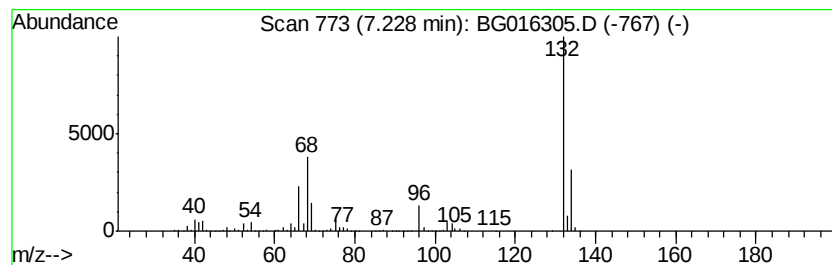
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Peak Number 3 unknown7.23 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.23 | 85.01 ng | 1981420 | 1,4-Dichlorobenzene-d4 | 7.70 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 27   |
| 3    |    | Tranvlcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 5    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.81 | 7.7     | ng    | 180509   | 1                     | 7.70 | 466171 | 20.0 |
| unknown7.23          | 7.23 | 85.0    | ng    | 1981420  | 1                     | 7.70 | 466171 | 20.0 |