

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060617\  
Data File : BG027256.D  
Acq On : 6 Jun 2017 19:31  
Operator : SJ/MA  
Sample : I3453-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PE-SS-1(7)

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-BG060517.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         | 5.710       | 336           | 344         | 353          | rBV      | 138340         | 238585        | 6.13%           | 1.078%        |
| 2         | 6.145       | 409           | 418         | 430          | rBV      | 926671         | 1640013       | 42.15%          | 7.408%        |
| 3         | 7.696       | 672           | 682         | 692          | rBV      | 1010755        | 1853660       | 47.64%          | 8.373%        |
| 4         | 8.095       | 742           | 750         | 761          | rVB      | 937823         | 1744287       | 44.83%          | 7.879%        |
| 5         | 8.565       | 823           | 830         | 839          | rVB      | 182160         | 331818        | 8.53%           | 1.499%        |
| 6         | 8.894       | 876           | 886         | 896          | rBV      | 620113         | 1179715       | 30.32%          | 5.329%        |
| 7         | 9.729       | 1018          | 1028        | 1041         | rBV      | 547575         | 1051082       | 27.01%          | 4.748%        |
| 8         | 11.386      | 1302          | 1310        | 1321         | rVB      | 287321         | 542868        | 13.95%          | 2.452%        |
| 9         | 13.771      | 1706          | 1716        | 1725         | rBV      | 1671838        | 2777494       | 71.38%          | 12.546%       |
| 10        | 14.582      | 1847          | 1854        | 1860         | rBV      | 309056         | 461723        | 11.87%          | 2.086%        |
| 11        | 15.146      | 1942          | 1950        | 1960         | rVB2     | 484019         | 826568        | 21.24%          | 3.734%        |
| 12        | 16.626      | 2195          | 2202        | 2214         | rBV      | 1353080        | 2193146       | 56.36%          | 9.906%        |
| 13        | 16.814      | 2228          | 2234        | 2238         | rBV2     | 39842          | 58577         | 1.51%           | 0.265%        |
| 14        | 17.896      | 2411          | 2418        | 2430         | rVB      | 628136         | 1032745       | 26.54%          | 4.665%        |
| 15        | 18.736      | 2557          | 2561        | 2570         | rBV2     | 46236          | 78612         | 2.02%           | 0.355%        |
| 16        | 20.475      | 2851          | 2857        | 2864         | rBV      | 2839599        | 3891309       | 100.00%         | 17.577%       |
| 17        | 21.844      | 3087          | 3090        | 3095         | rBV5     | 31835          | 48887         | 1.26%           | 0.221%        |
| 18        | 22.285      | 3158          | 3165        | 3178         | rVB      | 593719         | 1126039       | 28.94%          | 5.086%        |
| 19        | 25.980      | 3784          | 3794        | 3810         | rVB2     | 315269         | 1061670       | 27.28%          | 4.796%        |

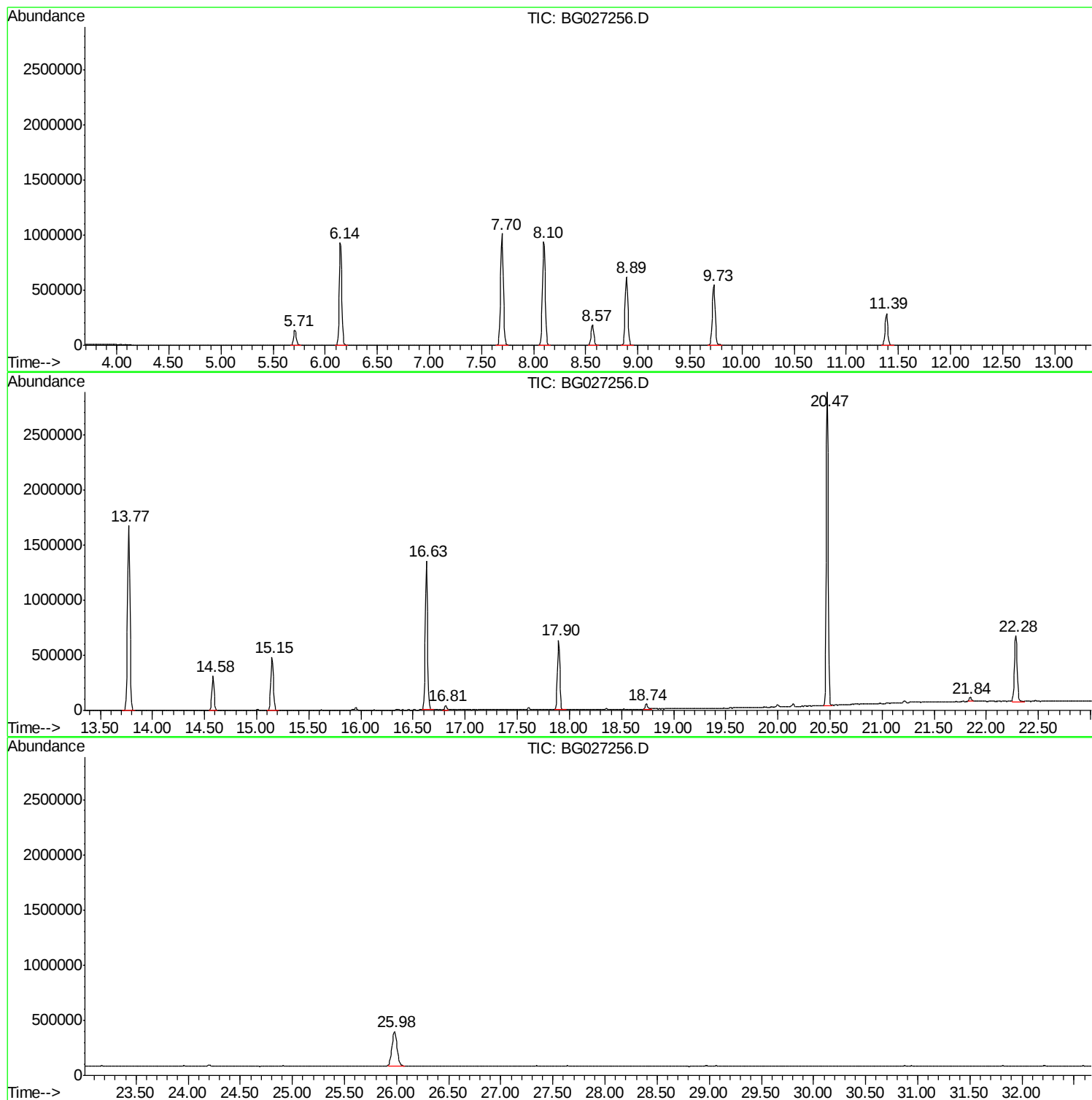
Sum of corrected areas: 22138798

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060517.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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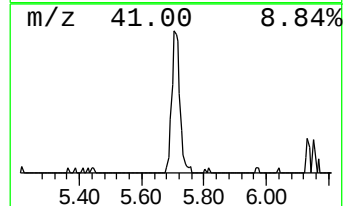
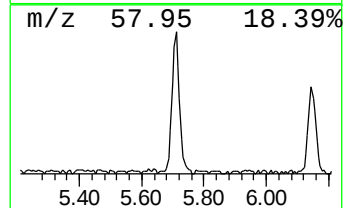
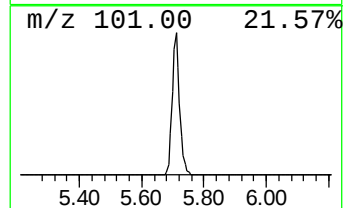
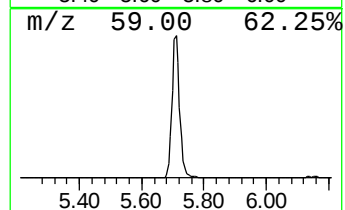
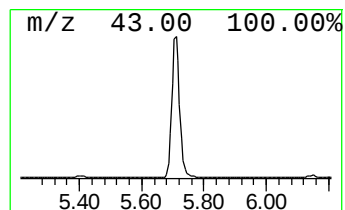
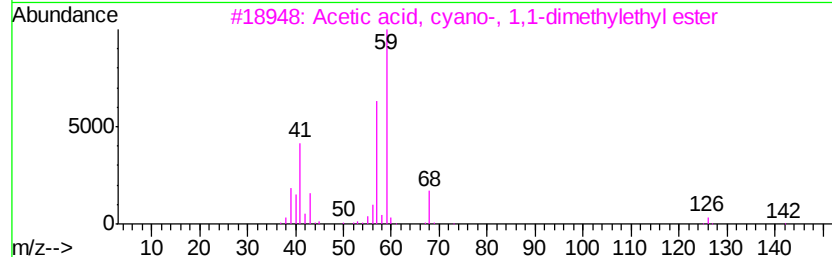
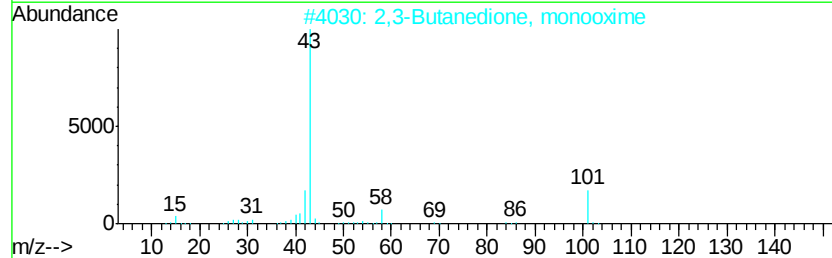
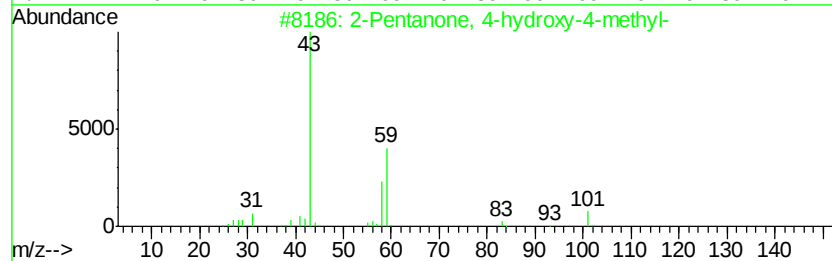
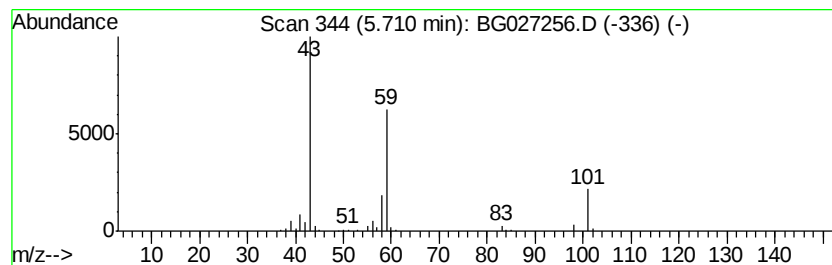
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060517.M  
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TIC Integration Parameters: LSCINT.P

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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. |
|------|----------|--------|------------------------|------|
| 5.71 | 14.38 ng | 238585 | 1,4-Dichlorobenzene-d4 | 8.57 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 25   |
| 3    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 4    |    | Butane, 1-ethoxy-                   | 102 | C6H14O   | 000628-81-9 | 9    |
| 5    |    | 5-Hexen-2-one                       | 98  | C6H10O   | 000109-49-9 | 9    |



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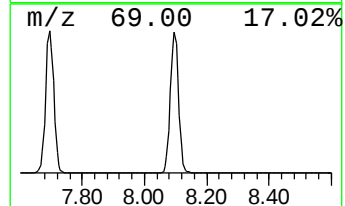
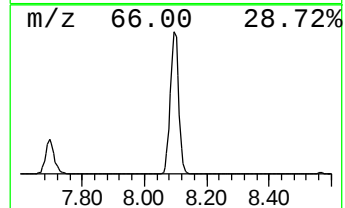
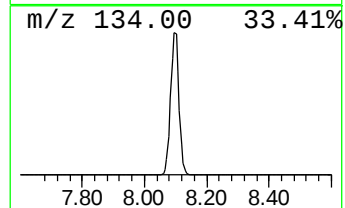
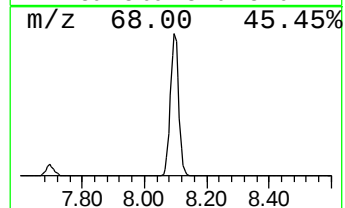
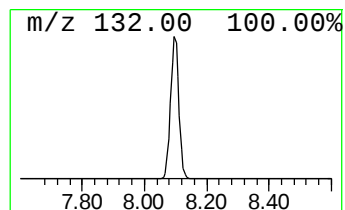
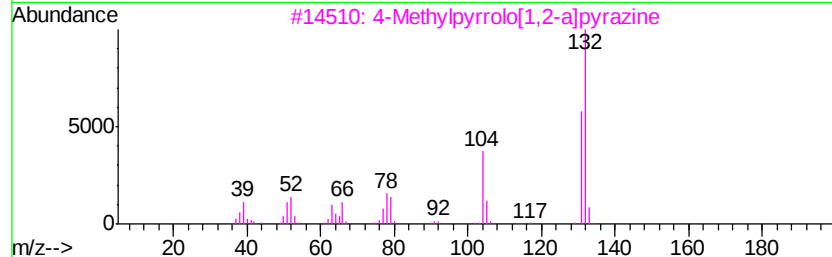
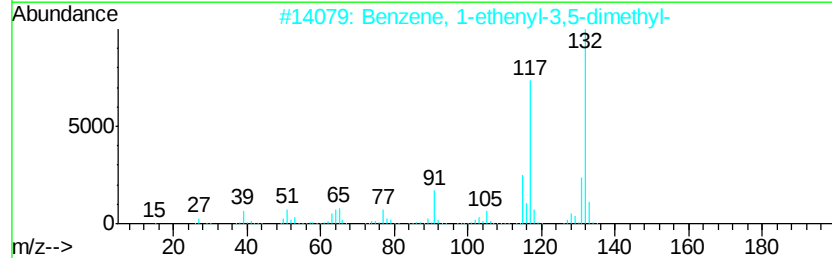
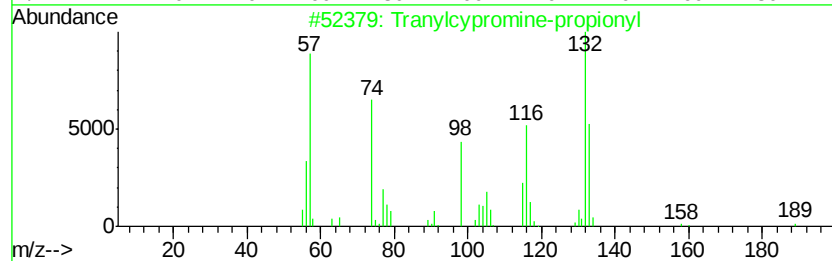
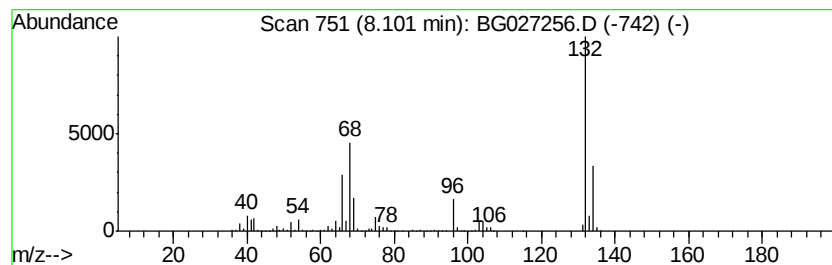
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Peak Number 2 unknown8.10 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 8.10 | 105.14 ng | 1744290 | 1,4-Dichlorobenzene-d4 | 8.57 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Tranylcypromine-propionyl           | 189 | C12H15NO | 1000123-86-3 | 10   |
| 2    |    | Benzene, 1-ethenyl-3,5-dimethyl-    | 132 | C10H12   | 005379-20-4  | 9    |
| 3    |    | 4-Methylpyrrolo[1,2-a]pyrazine      | 132 | C8H8N2   | 064608-60-2  | 9    |
| 4    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2   | 022291-85-6  | 9    |
| 5    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO  | 031357-76-3  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | ---Internal Standard--- |      |        |      |
|----------------------|------|---------|-------|----------|-------------------------|------|--------|------|
|                      |      |         |       |          | #                       | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.71 | 14.4    | ng    | 238585   | 1                       | 8.57 | 331818 | 20.0 |
| unknown8.10          | 8.10 | 105.1   | ng    | 1744290  | 1                       | 8.57 | 331818 | 20.0 |