

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\  
 Data File : BG024736.D  
 Acq On : 7 Nov 2016 19:45  
 Operator : UM/SJ  
 Sample : H5544-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GW-110-10.3-22.0

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-BG102516.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         | 3.595       | 122           | 129         | 153          | rVB      | 21742648       | 45032846      | 100.00%         | 49.165%       |
| 2         | 5.322       | 417           | 423         | 431          | rVB      | 350971         | 552003        | 1.23%           | 0.603%        |
| 3         | 5.792       | 496           | 503         | 513          | rBV      | 1314219        | 2162964       | 4.80%           | 2.361%        |
| 4         | 7.396       | 769           | 776         | 787          | rBV      | 909640         | 1669993       | 3.71%           | 1.823%        |
| 5         | 7.784       | 834           | 842         | 854          | rBV      | 1922577        | 3456148       | 7.67%           | 3.773%        |
| 6         | 8.260       | 912           | 923         | 933          | rBV2     | 409151         | 754628        | 1.68%           | 0.824%        |
| 7         | 8.589       | 970           | 979         | 987          | rBV      | 1661635        | 2978970       | 6.62%           | 3.252%        |
| 8         | 9.435       | 1114          | 1123        | 1131         | rBV      | 1400451        | 2623740       | 5.83%           | 2.864%        |
| 9         | 11.086      | 1392          | 1404        | 1413         | rBV      | 511253         | 975040        | 2.17%           | 1.064%        |
| 10        | 13.501      | 1807          | 1815        | 1823         | rBV      | 3700584        | 6027268       | 13.38%          | 6.580%        |
| 11        | 14.876      | 2043          | 2049        | 2058         | rVB      | 867874         | 1436214       | 3.19%           | 1.568%        |
| 12        | 16.362      | 2294          | 2302        | 2309         | rBV      | 3782896        | 5963605       | 13.24%          | 6.511%        |
| 13        | 17.619      | 2509          | 2516        | 2526         | rBV2     | 1208174        | 1960301       | 4.35%           | 2.140%        |
| 14        | 20.205      | 2949          | 2956        | 2961         | rBV      | 7701801        | 10659514      | 23.67%          | 11.637%       |
| 15        | 21.914      | 3240          | 3247        | 3254         | rVB      | 1465336        | 2624404       | 5.83%           | 2.865%        |
| 16        | 25.340      | 3818          | 3830        | 3842         | rBV2     | 894046         | 2718617       | 6.04%           | 2.968%        |

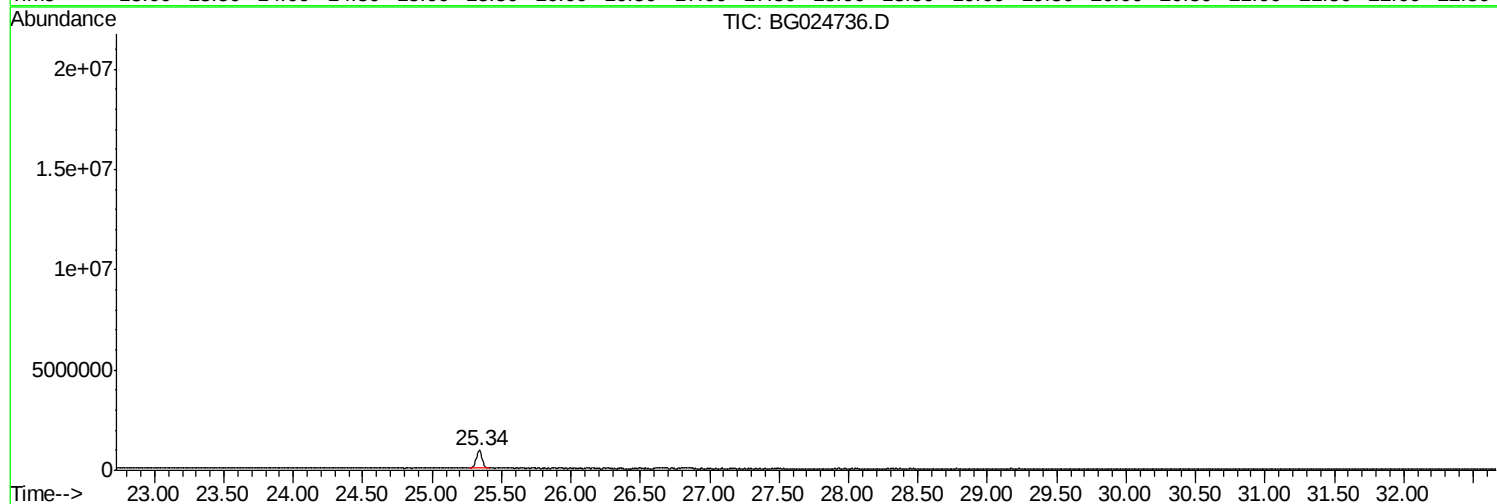
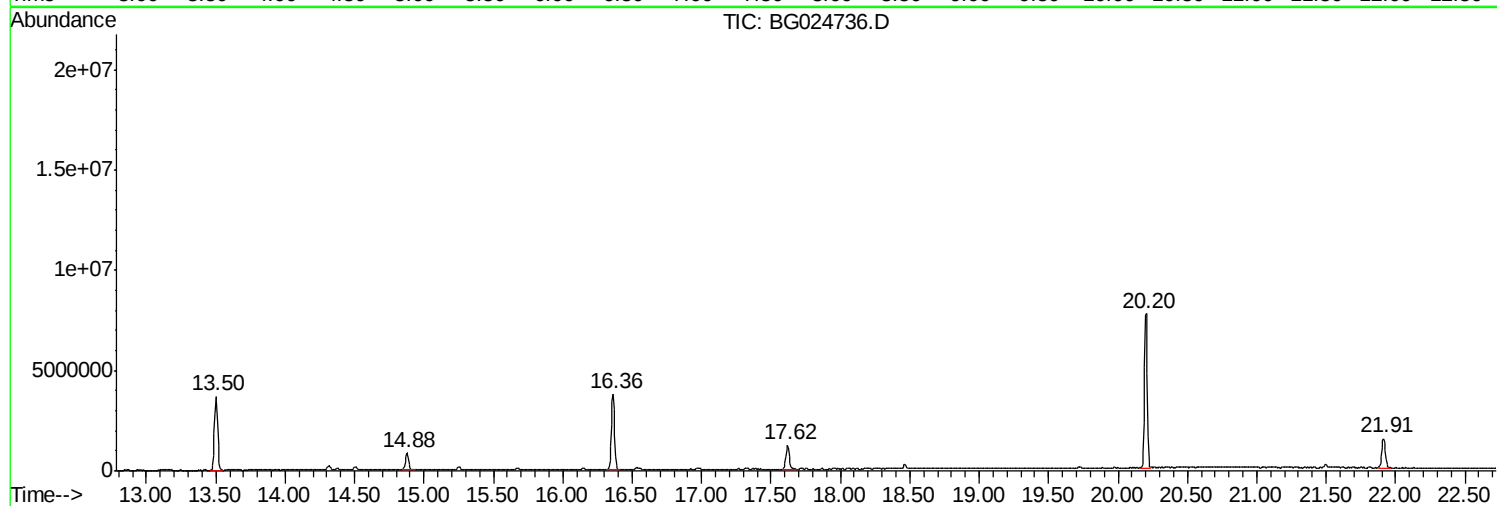
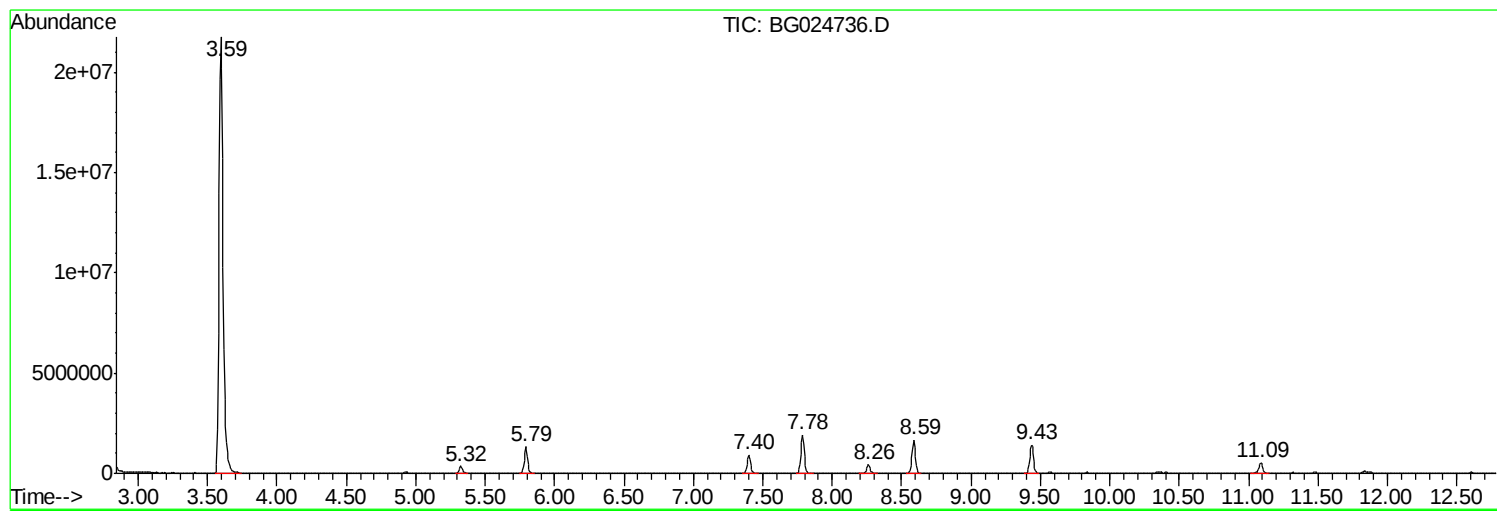
Sum of corrected areas: 91596255

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.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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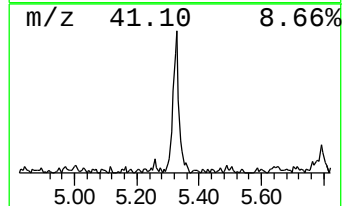
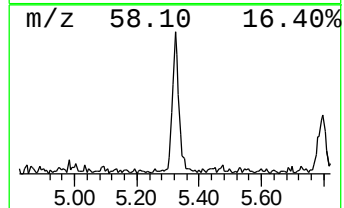
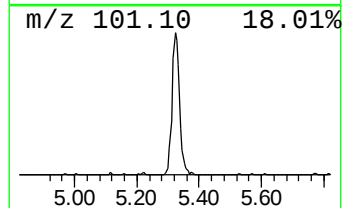
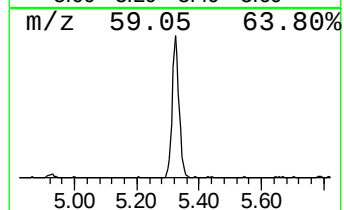
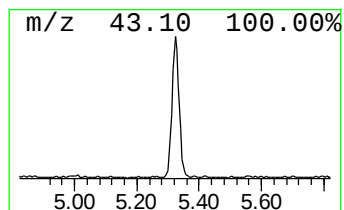
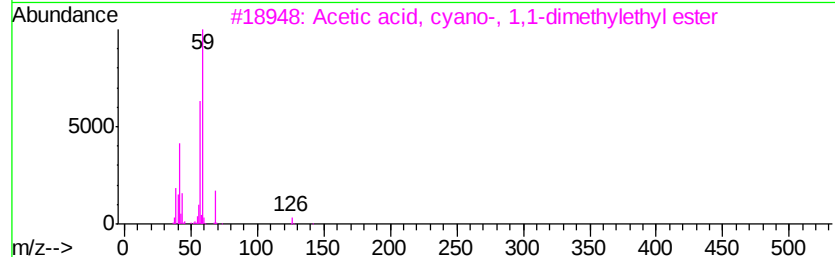
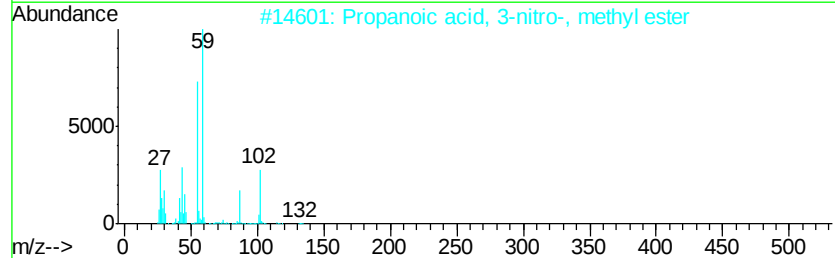
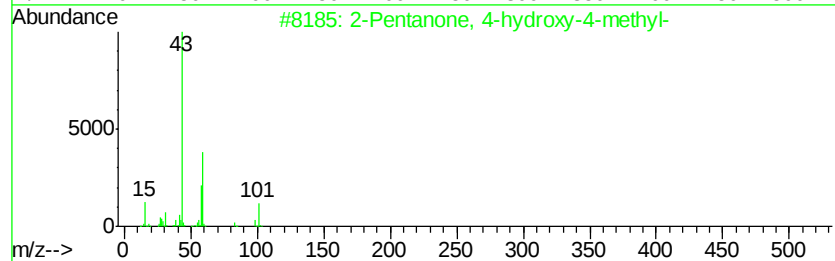
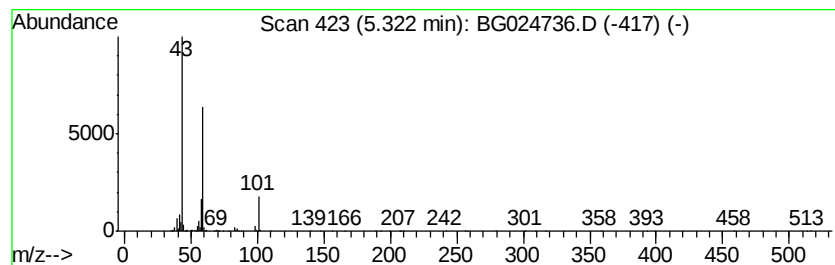
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TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.32 | 14.63 ng | 552003 | 1,4-Dichlorobenzene-d4 | 8.26 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 53   |
| 2    |    | Propanoic acid, 3-nitro-, methyl...  | 133 | C4H7NO4  | 020497-95-4 | 23   |
| 3    |    | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 4    |    | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6 | 10   |
| 5    |    | (+)-4-Amino-4,5-dihydro-2(3H)-f...   | 101 | C4H7NO2  | 016504-58-8 | 9    |



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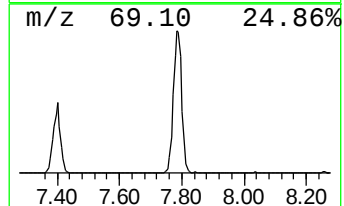
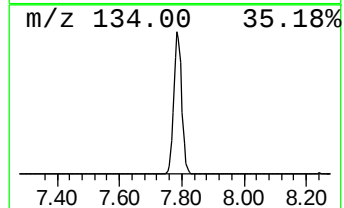
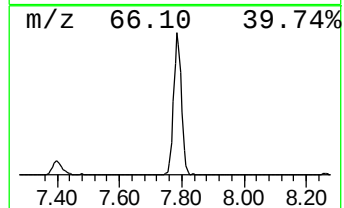
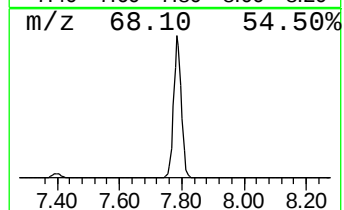
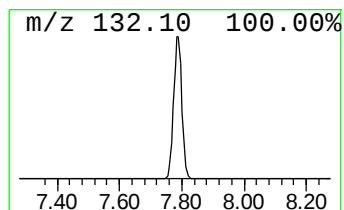
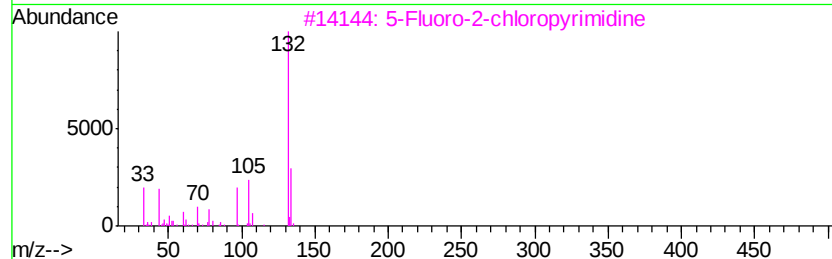
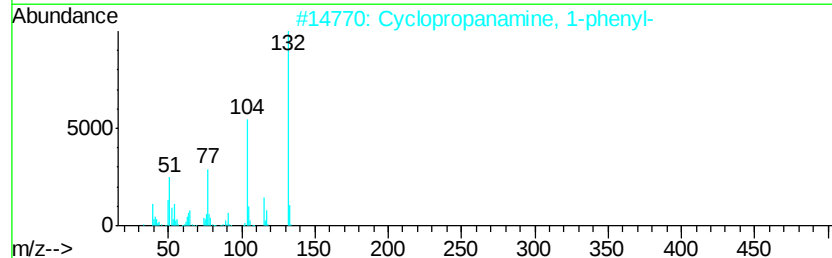
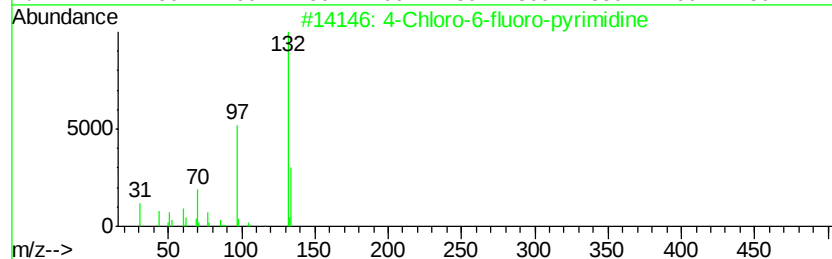
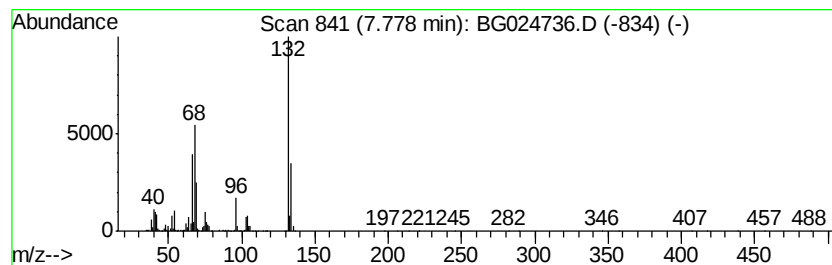
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Peak Number 3 unknown7.78 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.78 | 91.60 ng | 3456150 | 1,4-Dichlorobenzene-d4 | 8.26 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 14   |
| 2    |    | Cyclopropanamine, 1-phenyl-  | 133 | C9H11N    | 1000351-26-2 | 10   |
| 3    |    | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 10   |
| 4    |    | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 10   |
| 5    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 10   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.32 | 14.6    | ng    | 552003   | 1                     | 8.26 | 754628 | 20.0 |
| unknown7.78          | 7.78 | 91.6    | ng    | 3456150  | 1                     | 8.26 | 754628 | 20.0 |