

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\  
 Data File : BG035238.D  
 Acq On : 19 Jun 2018 4:55  
 Operator : SJ/JU  
 Sample : J3244-02  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 HD-01-061518

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:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG060718.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         | 5.179       | 316           | 322         | 330          | rBV      | 198995         | 294751        | 5.64%           | 1.171%        |
| 2         | 5.637       | 393           | 400         | 411          | rBV      | 1249744        | 1988337       | 38.03%          | 7.897%        |
| 3         | 7.223       | 660           | 670         | 678          | rBV      | 1101520        | 1914389       | 36.61%          | 7.604%        |
| 4         | 7.593       | 725           | 733         | 743          | rBV      | 1297908        | 2215051       | 42.37%          | 8.798%        |
| 5         | 8.063       | 806           | 813         | 820          | rBV      | 210327         | 364949        | 6.98%           | 1.450%        |
| 6         | 8.386       | 860           | 868         | 876          | rBV      | 937342         | 1628249       | 31.14%          | 6.467%        |
| 7         | 9.221       | 997           | 1010        | 1019         | rBV      | 824850         | 1466229       | 28.04%          | 5.824%        |
| 8         | 10.865      | 1278          | 1290        | 1295         | rBV      | 246483         | 461100        | 8.82%           | 1.831%        |
| 9         | 10.912      | 1295          | 1298        | 1304         | rVB      | 60476          | 103470        | 1.98%           | 0.411%        |
| 10        | 13.309      | 1698          | 1706        | 1716         | rBV      | 2090174        | 3318965       | 63.48%          | 13.182%       |
| 11        | 14.678      | 1932          | 1939        | 1947         | rBV2     | 384490         | 641365        | 12.27%          | 2.547%        |
| 12        | 16.164      | 2185          | 2192        | 2207         | rBV      | 1809334        | 2822050       | 53.97%          | 11.209%       |
| 13        | 17.421      | 2400          | 2406        | 2413         | rBV      | 524131         | 825913        | 15.80%          | 3.280%        |
| 14        | 20.035      | 2844          | 2851        | 2862         | rBV      | 3796177        | 5228460       | 100.00%         | 20.767%       |
| 15        | 21.692      | 3125          | 3133        | 3141         | rBV      | 606009         | 993124        | 18.99%          | 3.945%        |
| 16        | 24.917      | 3672          | 3682        | 3696         | rBV      | 311344         | 910885        | 17.42%          | 3.618%        |

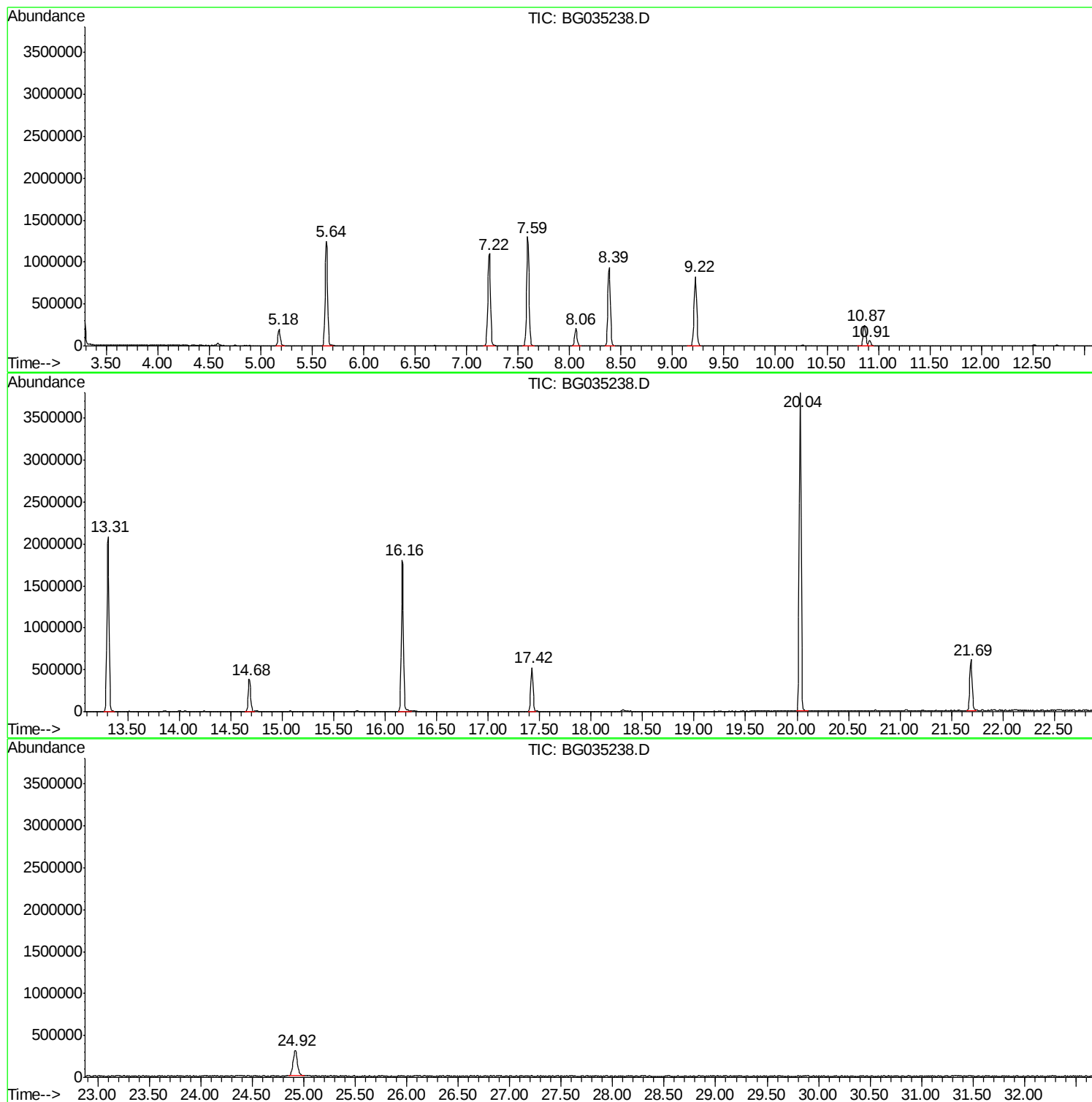
Sum of corrected areas: 25177287

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.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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HD-01-061518

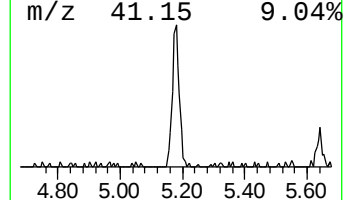
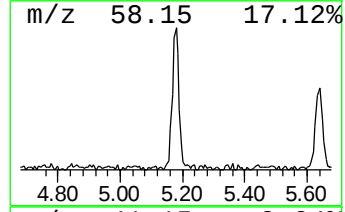
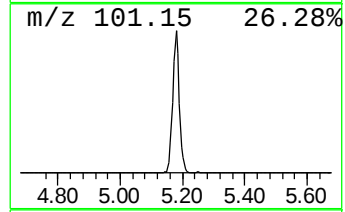
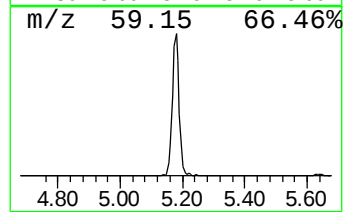
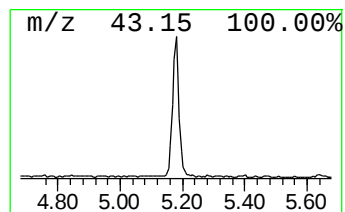
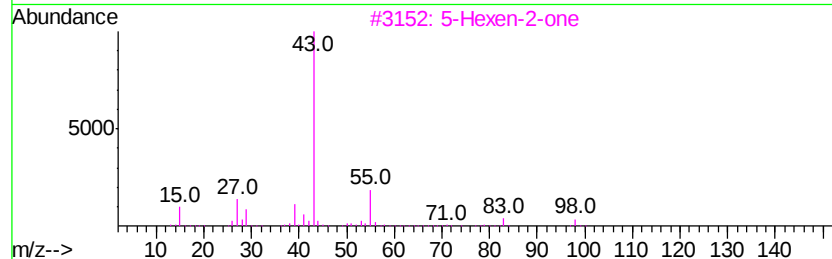
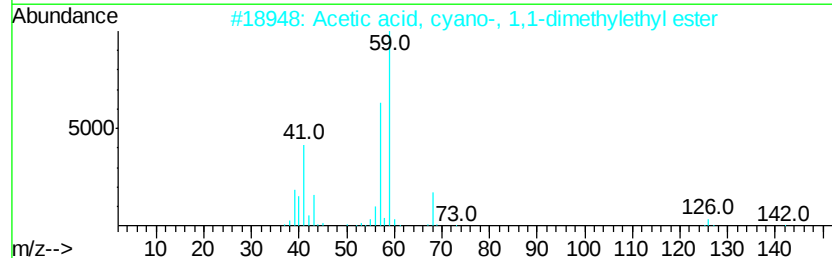
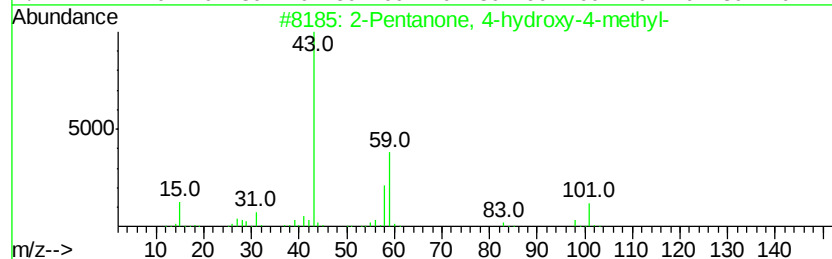
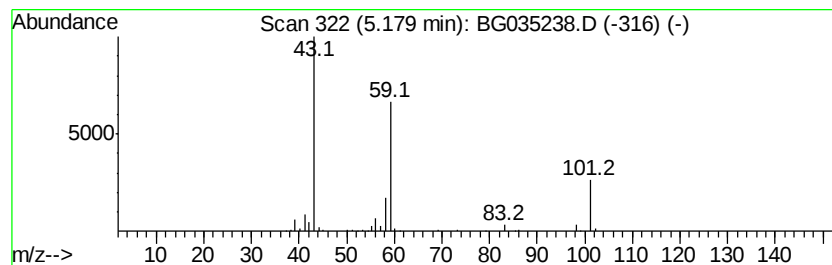
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.18 | 16.15 ng | 294751 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 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    |    |   | 5-Hexen-2-one                        | 98  | C6H10O   | 000109-49-9 | 10   |
| 4    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-f...   | 101 | C4H7NO2  | 016504-58-8 | 9    |
| 5    |    |   | Morpholine, 4-methyl-                | 101 | C5H11NO  | 000109-02-4 | 9    |



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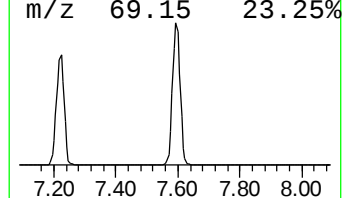
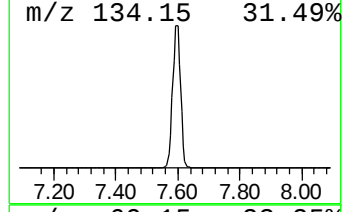
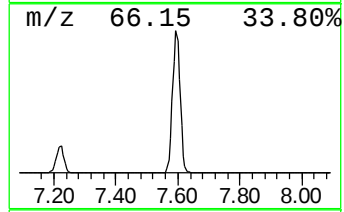
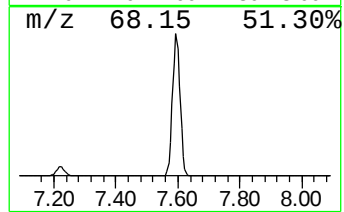
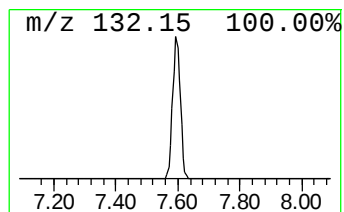
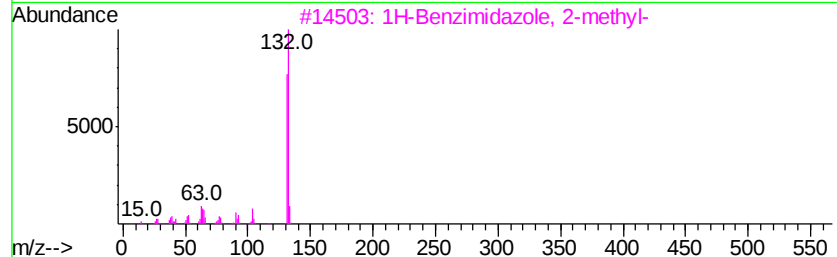
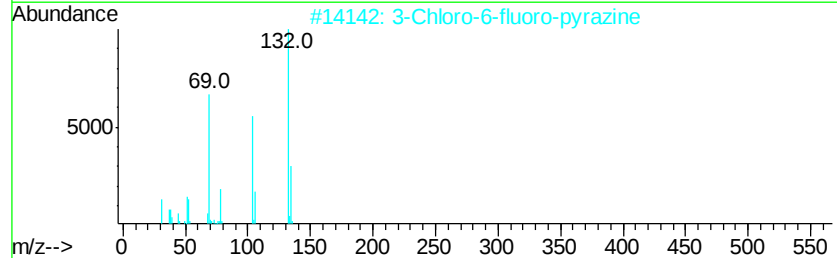
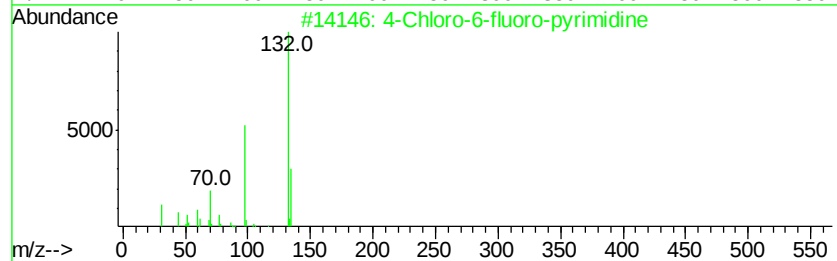
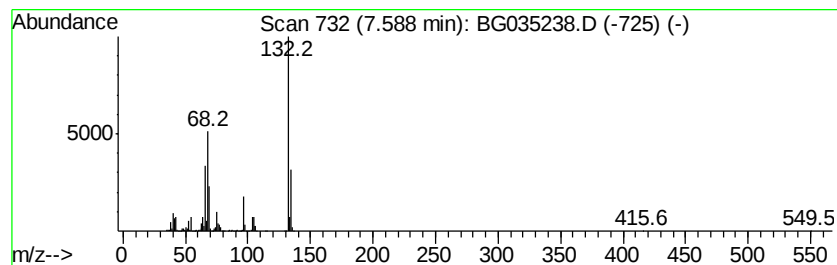
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Peak Number 2 unknown7.59 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.59 | 121.39 ng | 2215050 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 3    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | 5-Aminoindole                | 132 | C8H8N2    | 005192-03-0  | 22   |
| 5    |    | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 16   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.18 | 16.1    | ng    | 294751   | 1                     | 8.06 | 364949 | 20.0 |
| unknown7.59          | 7.59 | 121.4   | ng    | 2215050  | 1                     | 8.06 | 364949 | 20.0 |