

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\  
 Data File : BG035533.D  
 Acq On : 30 Jun 2018 9:00  
 Operator : JU/SJ  
 Sample : PB110708BL  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB110708BL

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         | 5.175       | 316           | 321         | 328          | rBV2     | 36468          | 59944         | 2.23%           | 0.571%        |
| 2         | 5.639       | 394           | 400         | 409          | rBV      | 426015         | 688098        | 25.58%          | 6.549%        |
| 3         | 7.225       | 662           | 670         | 681          | rBV      | 455596         | 764482        | 28.41%          | 7.276%        |
| 4         | 7.595       | 725           | 733         | 745          | rBV      | 413022         | 721352        | 26.81%          | 6.866%        |
| 5         | 8.065       | 805           | 813         | 820          | rVB      | 83667          | 142889        | 5.31%           | 1.360%        |
| 6         | 8.388       | 861           | 868         | 876          | rBV      | 312938         | 535653        | 19.91%          | 5.098%        |
| 7         | 9.222       | 1001          | 1010        | 1020         | rBV      | 255617         | 456907        | 16.98%          | 4.349%        |
| 8         | 10.867      | 1283          | 1290        | 1300         | rVB      | 106561         | 186402        | 6.93%           | 1.774%        |
| 9         | 13.305      | 1699          | 1705        | 1713         | rBV      | 779443         | 1205951       | 44.82%          | 11.478%       |
| 10        | 14.685      | 1933          | 1940        | 1950         | rBV2     | 186343         | 314824        | 11.70%          | 2.997%        |
| 11        | 16.166      | 2186          | 2192        | 2201         | rBV      | 668041         | 1036286       | 38.52%          | 9.864%        |
| 12        | 17.423      | 2400          | 2406        | 2416         | rBV2     | 317831         | 480508        | 17.86%          | 4.574%        |
| 13        | 20.031      | 2842          | 2850        | 2856         | rBV      | 2001098        | 2690491       | 100.00%         | 25.609%       |
| 14        | 21.687      | 3124          | 3132        | 3139         | rBV2     | 394195         | 650120        | 24.16%          | 6.188%        |
| 15        | 24.913      | 3671          | 3681        | 3693         | rBV2     | 207937         | 572321        | 21.27%          | 5.447%        |

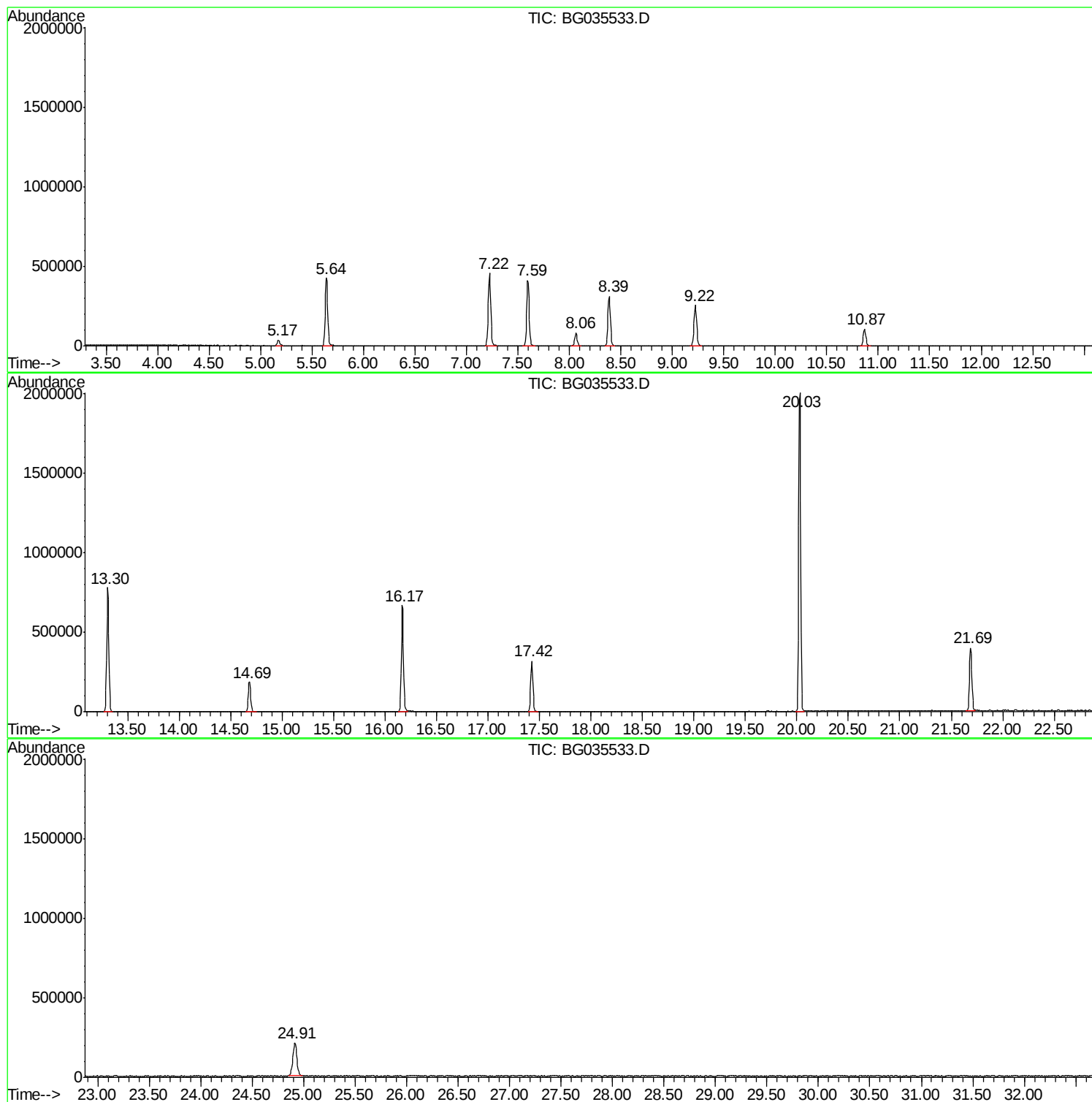
Sum of corrected areas: 10506228

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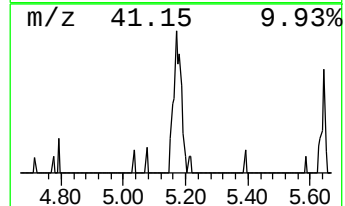
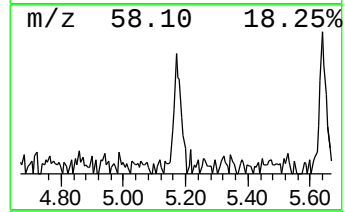
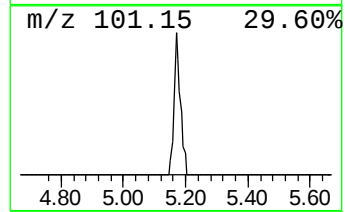
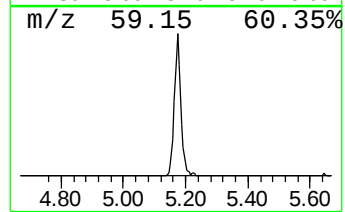
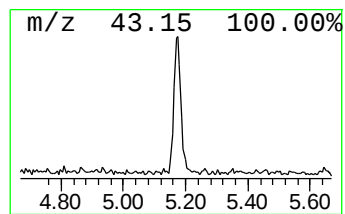
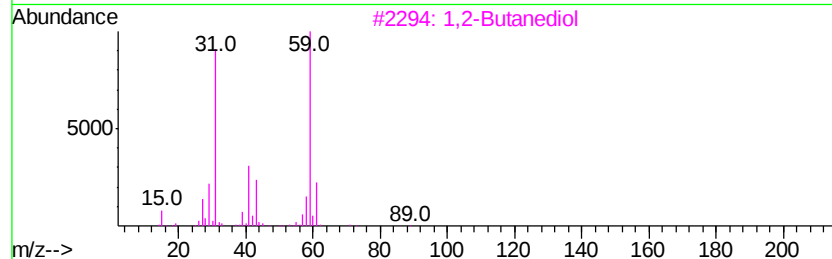
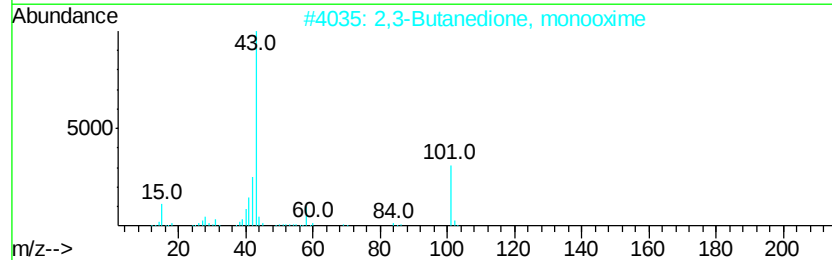
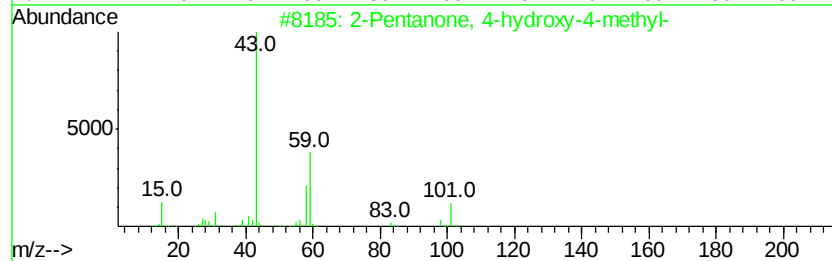
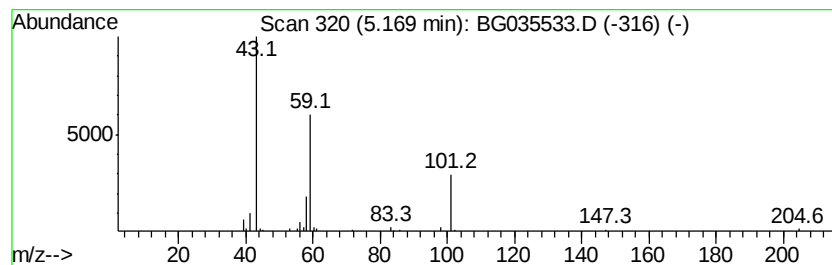
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|-------|------------------------|------|
| 5.17 | 8.39 ng | 59944 | 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 | 39   |
| 2    |      | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 25   |
| 3    |      | 1,2-Butanediol                   | 90  | C4H10O2 | 000584-03-2 | 23   |
| 4    |      | 4-Penten-2-one, 4-methyl-        | 98  | C6H10O  | 003744-02-3 | 9    |
| 5    |      | Guanidine                        | 59  | CH5N3   | 000113-00-8 | 9    |



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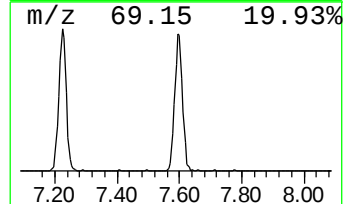
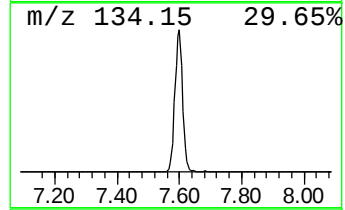
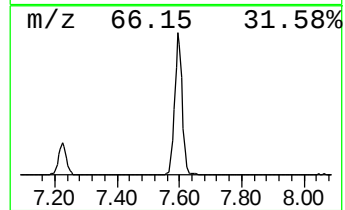
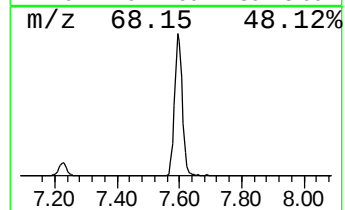
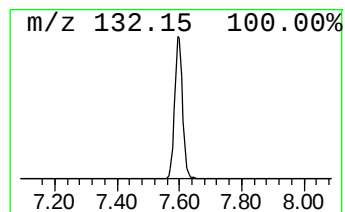
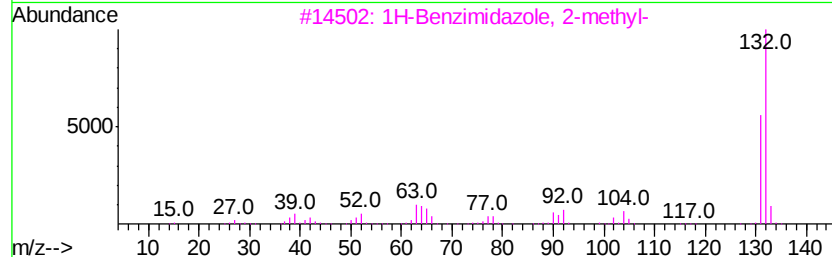
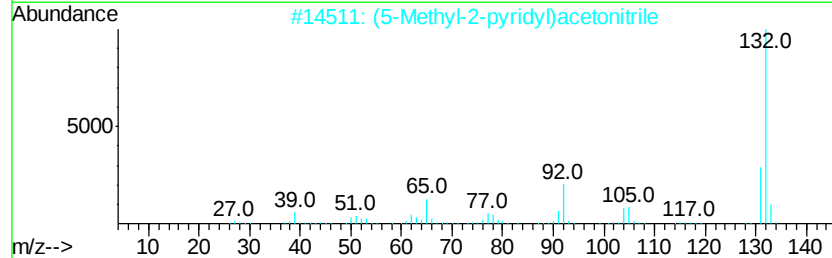
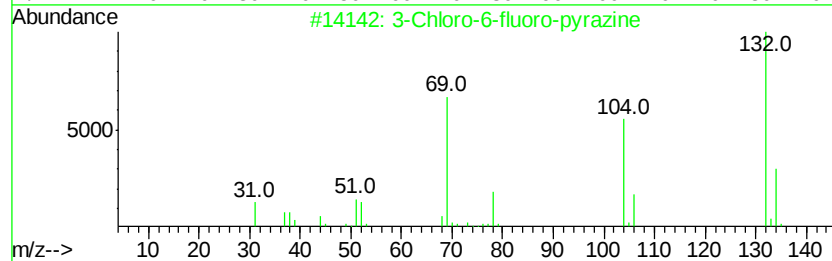
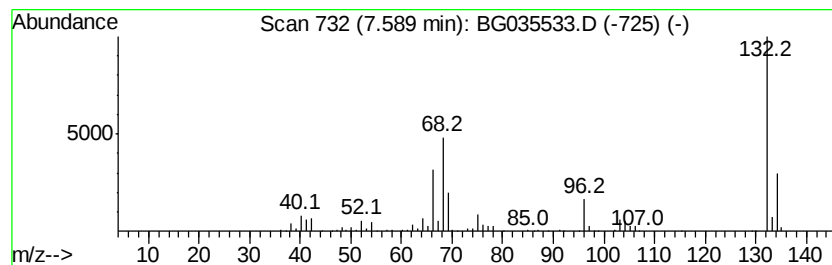
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Peak Number 2 unknown7.59 Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD       | R.T. |
|------|-----------|--------|------------------------|------|
| 7.59 | 100.97 ng | 721352 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (5-Methyl-2-pyridyl)acetonitrile | 132 | C8H8N2    | 1000241-93-9 | 22   |
| 3    |    | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 5    |    | 1H-Indazole, 3-methyl-           | 132 | C8H8N2    | 1000316-00-2 | 12   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.17 | 8.4     | ng    | 59944    | 1                     | 8.06 | 142889 | 20.0 |
| unknown7.59          | 7.59 | 101.0   | ng    | 721352   | 1                     | 8.06 | 142889 | 20.0 |