

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\  
 Data File : BG033790.D  
 Acq On : 13 Apr 2018 2:13  
 Operator : SJ/JU  
 Sample : PB108178BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB108178BL

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-BG031918.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         | 5.766       | 417           | 422         | 431          | rVB      | 33379          | 54598         | 1.35%           | 0.333%        |
| 2         | 6.284       | 504           | 510         | 528          | rBV      | 580714         | 1188070       | 29.48%          | 7.245%        |
| 3         | 7.964       | 790           | 796         | 814          | rBV      | 589660         | 1301107       | 32.29%          | 7.934%        |
| 4         | 8.369       | 858           | 865         | 881          | rBV      | 571101         | 1223546       | 30.36%          | 7.461%        |
| 5         | 8.857       | 942           | 948         | 962          | rBV2     | 78929          | 196756        | 4.88%           | 1.200%        |
| 6         | 9.186       | 995           | 1004        | 1021         | rBV      | 446544         | 932928        | 23.15%          | 5.689%        |
| 7         | 10.056      | 1145          | 1152        | 1174         | rBV      | 326806         | 783858        | 19.45%          | 4.780%        |
| 8         | 11.736      | 1431          | 1438        | 1451         | rBV      | 122536         | 279364        | 6.93%           | 1.704%        |
| 9         | 14.098      | 1831          | 1840        | 1858         | rBV      | 1076758        | 1887653       | 46.84%          | 11.511%       |
| 10        | 15.473      | 2067          | 2074        | 2086         | rBV3     | 248537         | 453529        | 11.25%          | 2.766%        |
| 11        | 16.947      | 2318          | 2325        | 2344         | rBV      | 1014015        | 1701568       | 42.22%          | 10.376%       |
| 12        | 18.205      | 2532          | 2539        | 2553         | rBV      | 403941         | 703636        | 17.46%          | 4.291%        |
| 13        | 20.725      | 2961          | 2968        | 2979         | rBV      | 2953935        | 4030048       | 100.00%         | 24.575%       |
| 14        | 22.547      | 3269          | 3278        | 3294         | rBV2     | 441477         | 894868        | 22.20%          | 5.457%        |
| 15        | 26.307      | 3908          | 3918        | 3932         | rBV2     | 226239         | 767151        | 19.04%          | 4.678%        |

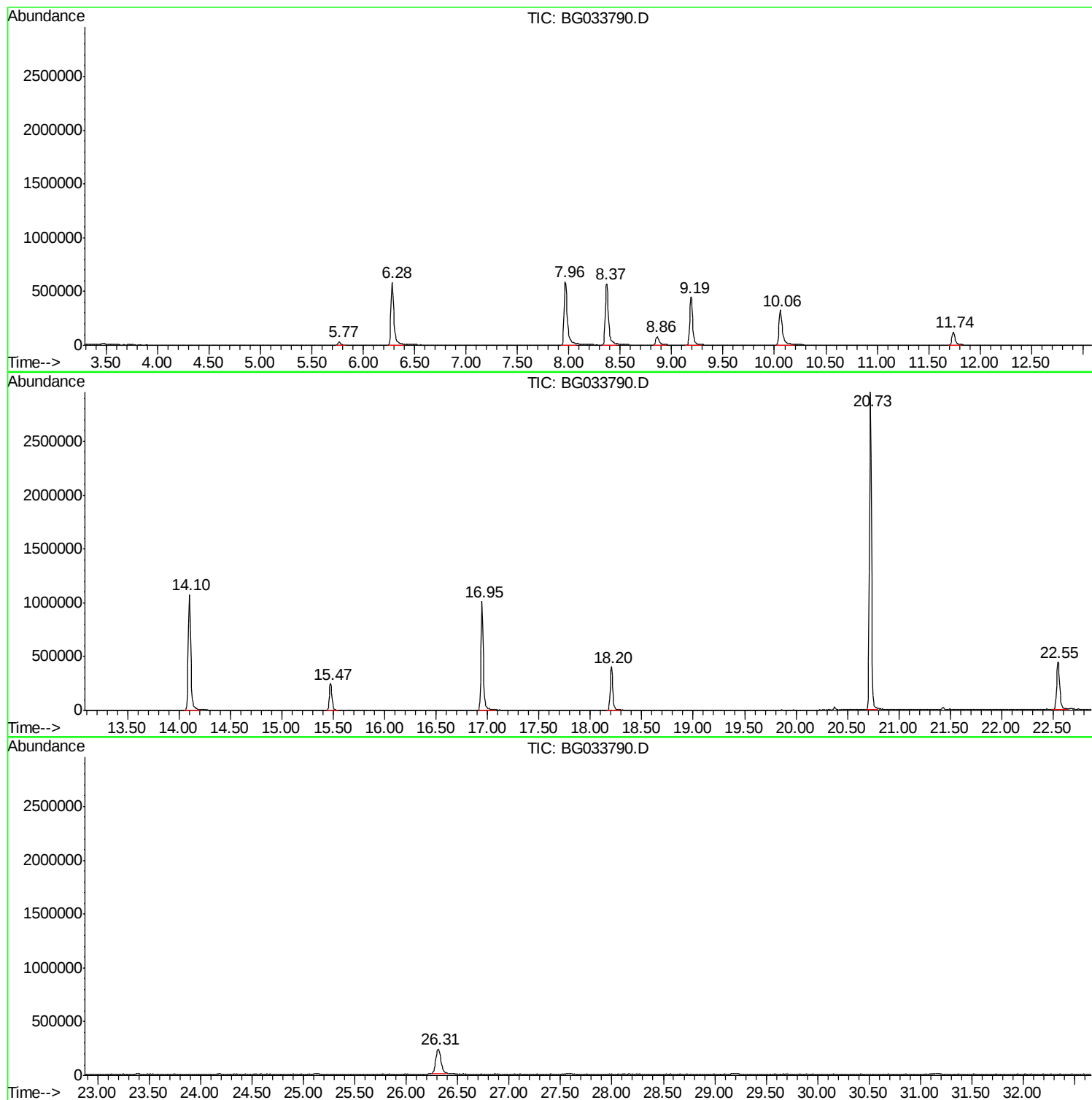
Sum of corrected areas: 16398680

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.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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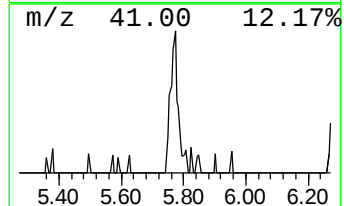
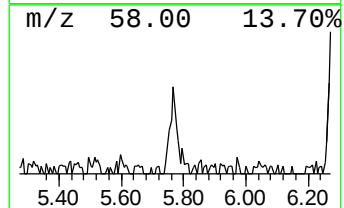
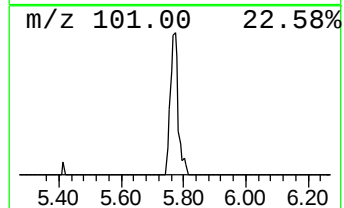
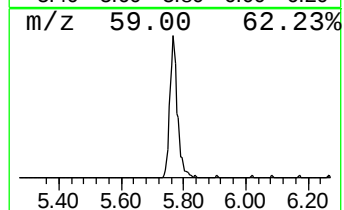
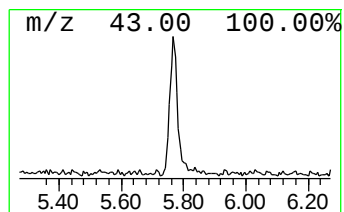
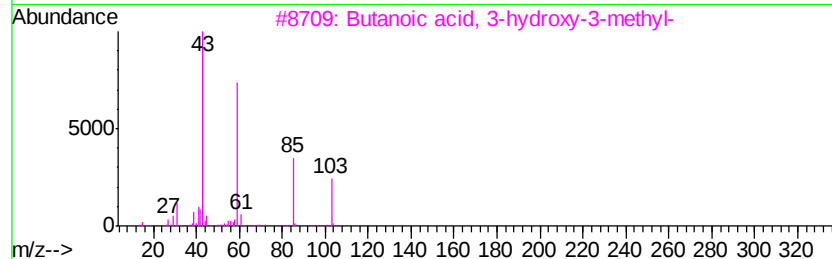
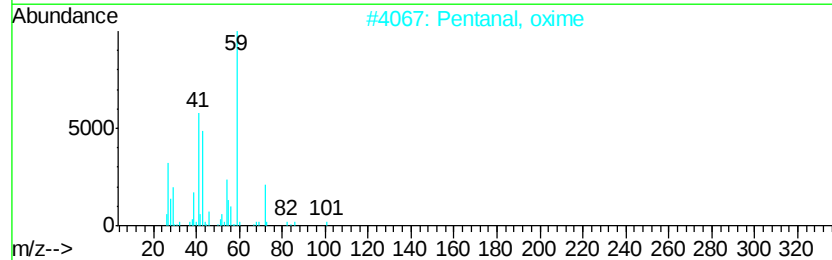
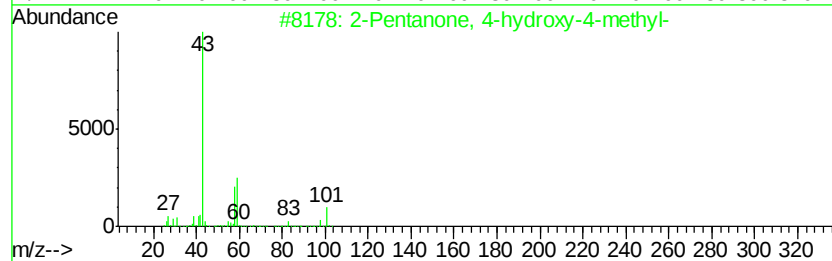
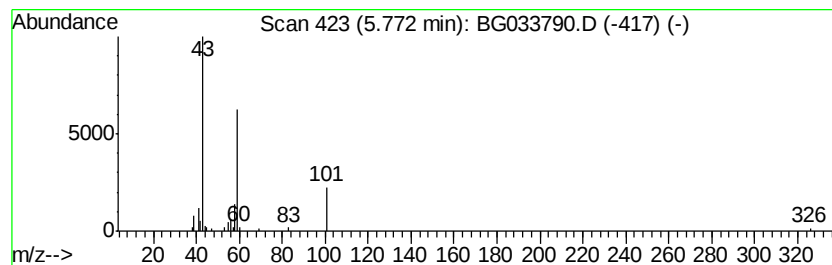
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.77 | 5.55 ng | 54598 | 1,4-Dichlorobenzene-d4 | 8.86 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 42   |
| 2    |      | Pentanal, oxime                     | 101 | C5H11NO  | 000628-79-5 | 23   |
| 3    |      | Butanoic acid, 3-hydroxy-3-methyl-  | 118 | C5H10O3  | 000625-08-1 | 9    |
| 4    |      | Butanedioic acid, diazo-, dimeth... | 172 | C6H8N2O4 | 055514-36-8 | 9    |
| 5    |      | 1-Propen-2-ol, acetate              | 100 | C5H8O2   | 000108-22-5 | 9    |



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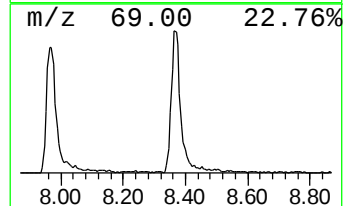
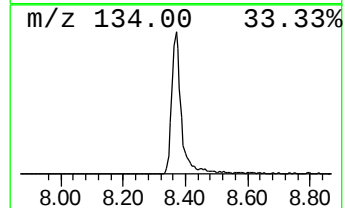
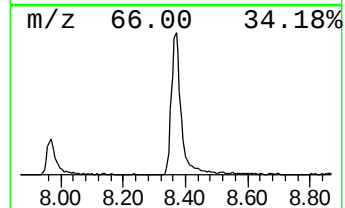
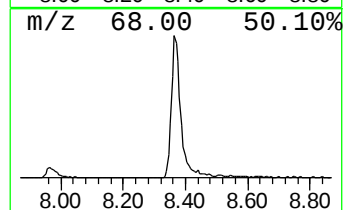
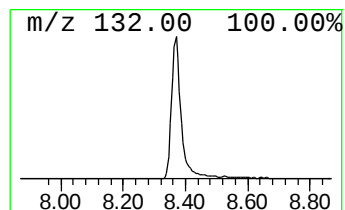
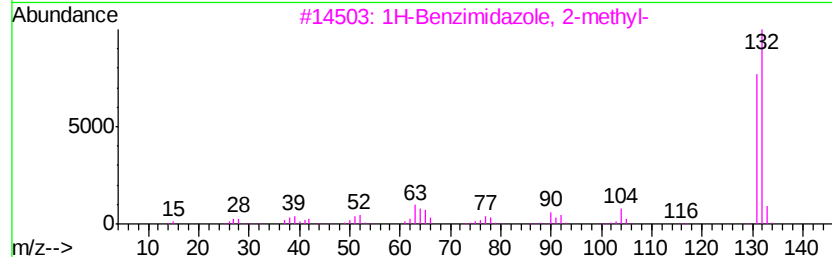
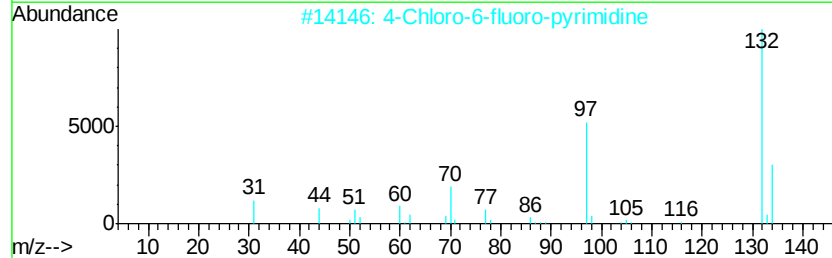
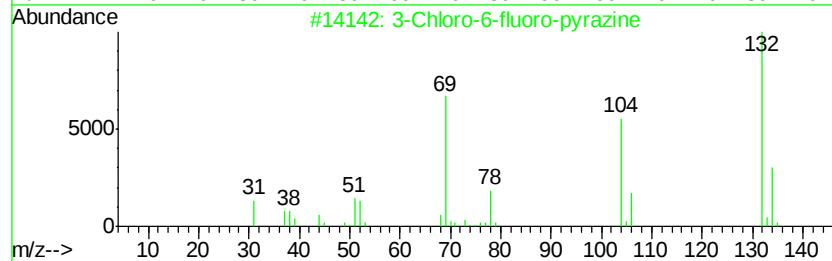
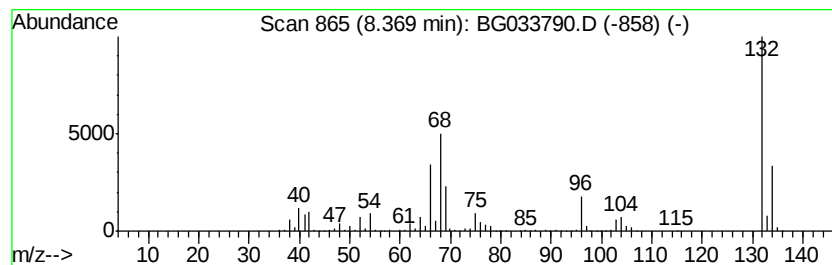
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Peak Number 2 unknown8.37 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 8.37 | 124.37 ng | 1223550 | 1,4-Dichlorobenzene-d4 | 8.86 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 3    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | Cyclopropanamine, 1-phenyl-  | 133 | C9H11N    | 1000351-26-2 | 22   |
| 5    |    | Tranylcypromine-propionyl    | 189 | C12H15NO  | 1000123-86-3 | 22   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.77 | 5.5     | ng    | 54598    | 1                     | 8.86 | 196756 | 20.0 |
| unknown8.37          | 8.37 | 124.4   | ng    | 1223550  | 1                     | 8.86 | 196756 | 20.0 |