

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\  
 Data File : BG028659.D  
 Acq On : 12 Sep 2017 3:03  
 Operator : SJ/JU  
 Sample : I5180-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 090717-TIDO-F-U-B

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-BG090717.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         | 5.445       | 309           | 316         | 323          | rVB      | 38641          | 57251         | 1.58%           | 0.444%        |
| 2         | 5.909       | 389           | 395         | 407          | rBV2     | 193967         | 331795        | 9.13%           | 2.571%        |
| 3         | 7.490       | 657           | 664         | 671          | rBV      | 114495         | 210017        | 5.78%           | 1.628%        |
| 4         | 7.866       | 721           | 728         | 736          | rBV      | 341535         | 619482        | 17.05%          | 4.801%        |
| 5         | 8.336       | 800           | 808         | 817          | rVB      | 127062         | 225744        | 6.21%           | 1.750%        |
| 6         | 8.659       | 854           | 863         | 872          | rVB      | 478568         | 860402        | 23.68%          | 6.668%        |
| 7         | 9.505       | 997           | 1007        | 1017         | rBV      | 409502         | 752552        | 20.71%          | 5.832%        |
| 8         | 11.150      | 1281          | 1287        | 1296         | rBV      | 162362         | 308177        | 8.48%           | 2.388%        |
| 9         | 13.565      | 1690          | 1698        | 1707         | rBV      | 1201100        | 1908511       | 52.53%          | 14.791%       |
| 10        | 14.946      | 1926          | 1933        | 1943         | rBV2     | 278519         | 477032        | 13.13%          | 3.697%        |
| 11        | 16.432      | 2179          | 2186        | 2199         | rBV      | 712388         | 1159607       | 31.91%          | 8.987%        |
| 12        | 17.695      | 2394          | 2401        | 2410         | rVB      | 434061         | 683823        | 18.82%          | 5.300%        |
| 13        | 20.280      | 2834          | 2841        | 2847         | rBV      | 2793509        | 3633451       | 100.00%         | 28.159%       |
| 14        | 22.025      | 3131          | 3138        | 3147         | rBV      | 491973         | 860016        | 23.67%          | 6.665%        |
| 15        | 25.527      | 3723          | 3734        | 3747         | rVB      | 252094         | 815421        | 22.44%          | 6.319%        |

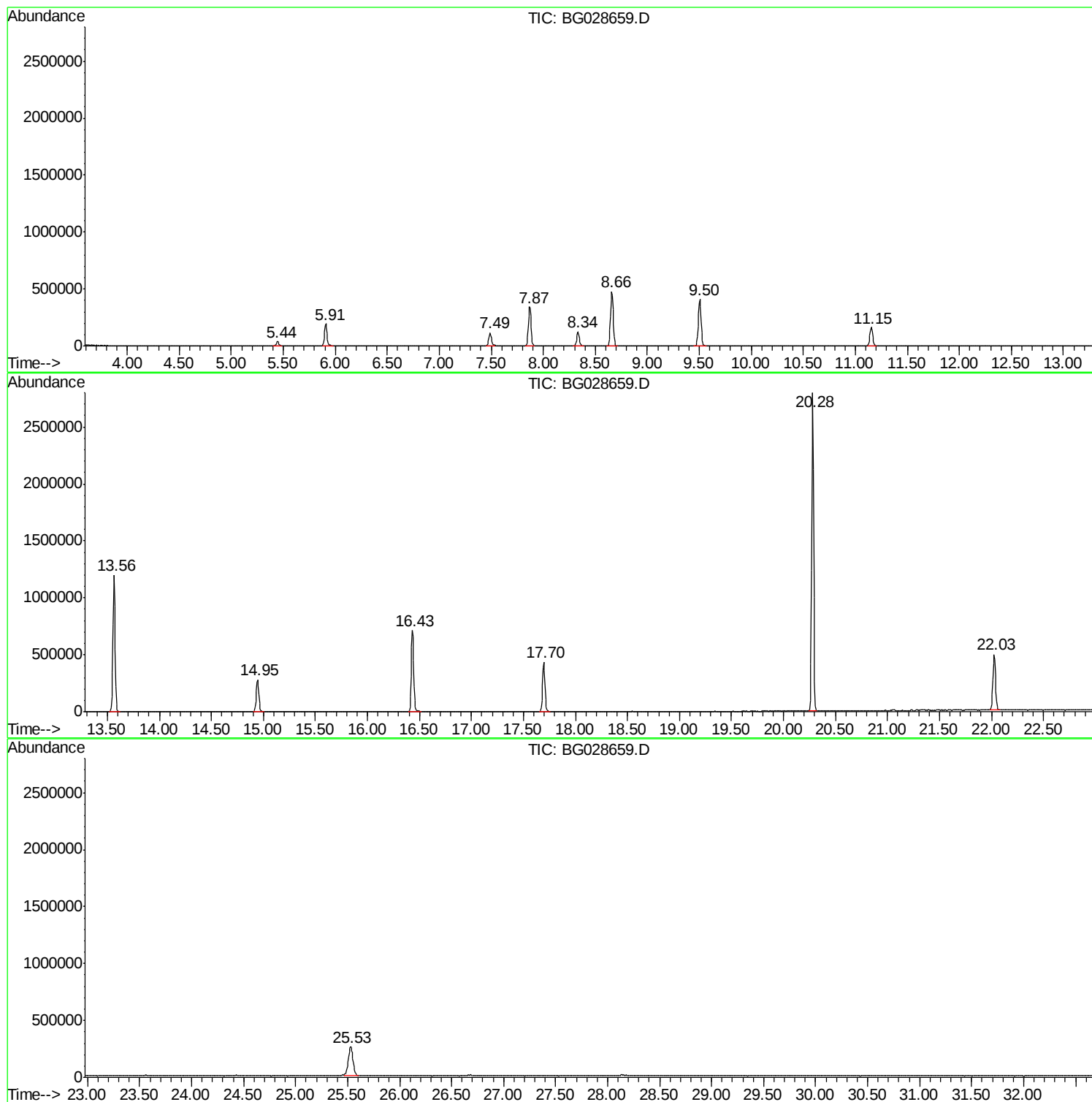
Sum of corrected areas: 12903281

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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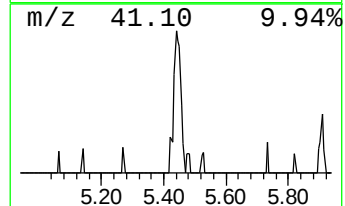
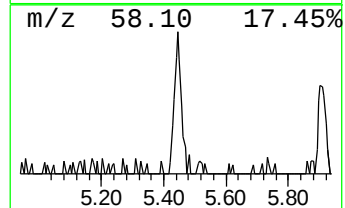
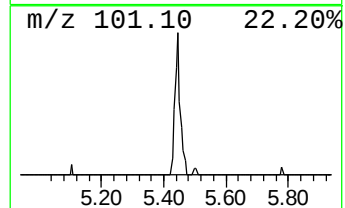
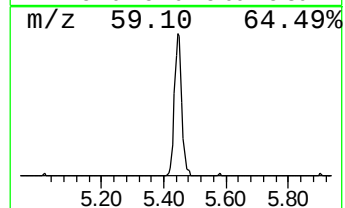
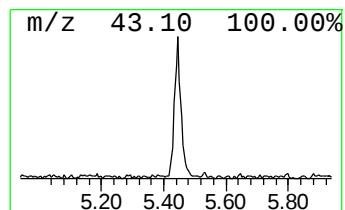
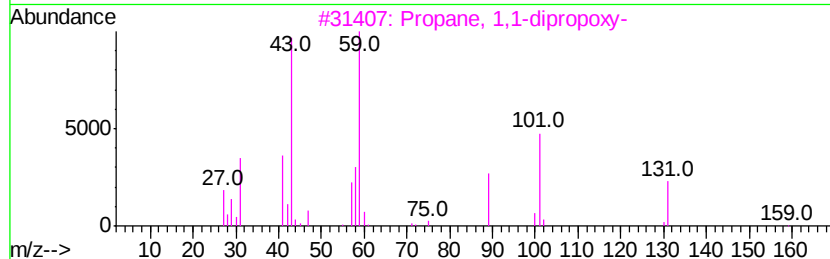
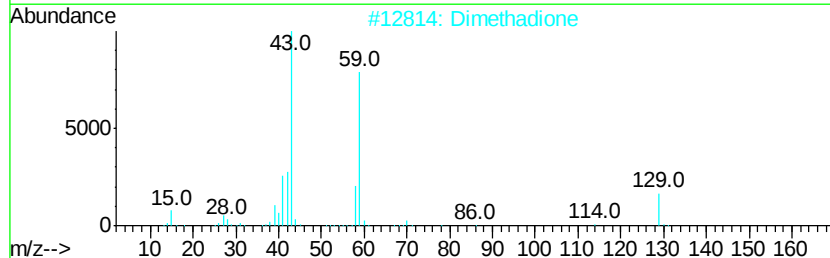
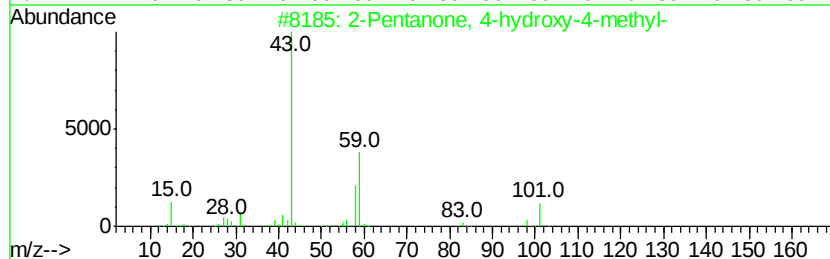
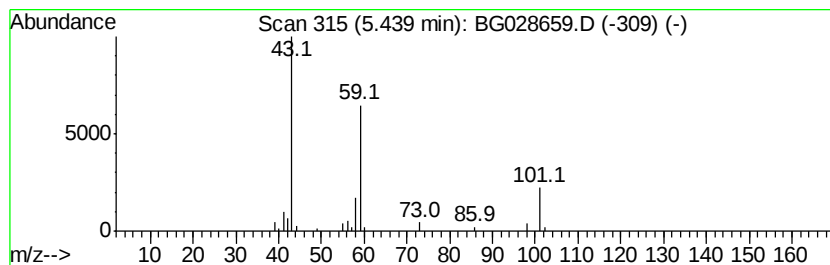
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M  
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TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|-------|------------------------|------|
| 5.44 | 5.07 ng | 57251 | 1,4-Dichlorobenzene-d4 | 8.34 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2    | 000123-42-2  | 45   |
| 2    |    |   | Dimethadione                        | 129 | C5H7NO3    | 000695-53-4  | 40   |
| 3    |    |   | Propane, 1,1-dipropoxy-             | 160 | C9H20O2    | 004744-11-0  | 39   |
| 4    |    |   | n-Propyl t-butyl ether              | 116 | C7H16O     | 1000334-81-9 | 28   |
| 5    |    |   | 2,2,3,3,5,8,11-Heptamethyl-4,7,1... | 348 | C18H40O4Si | 1000367-07-2 | 28   |



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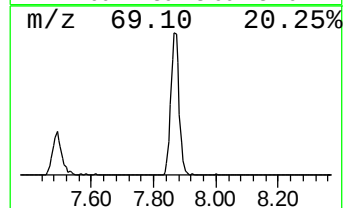
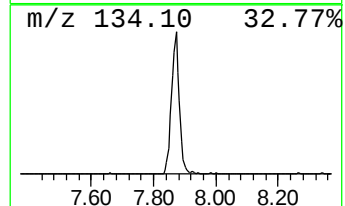
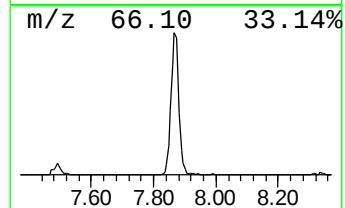
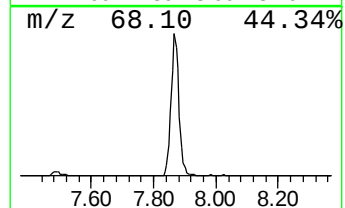
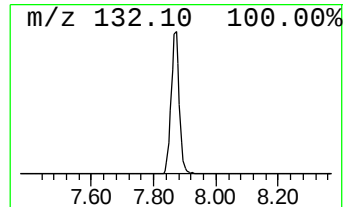
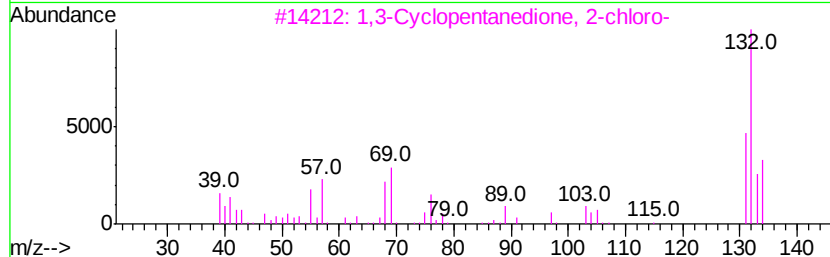
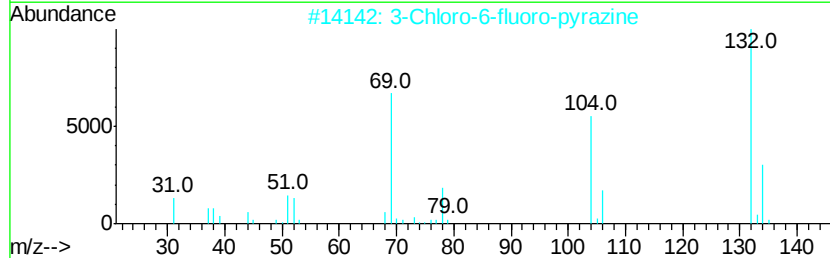
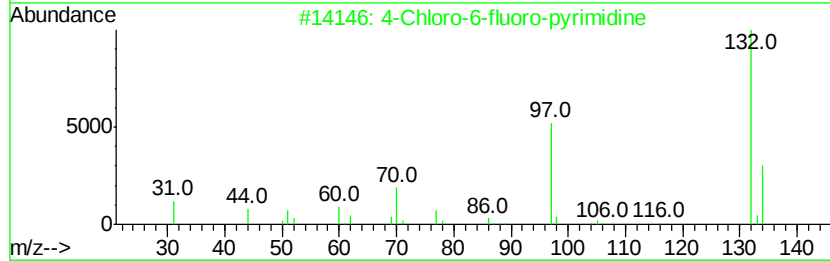
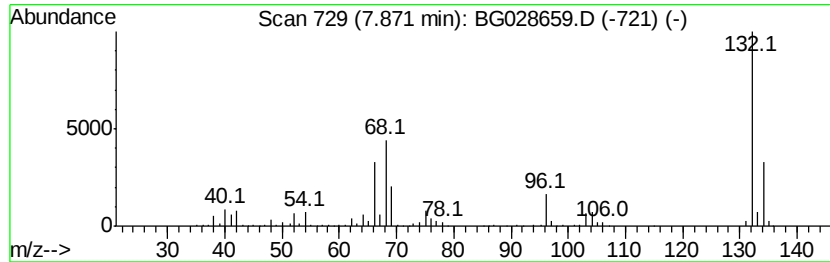
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Peak Number 2 unknown7.87 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.87 | 54.88 ng | 619482 | 1,4-Dichlorobenzene-d4 | 8.34 |

| 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    |    | 1,3-Cyclopentanedione, 2-chloro- | 132 | C5H5ClO2  | 014203-19-1  | 17   |
| 4    |    | 3-Ethylphenyl isocyanate         | 147 | C9H9NO    | 023138-58-1  | 10   |
| 5    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 10   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.44 | 5.1     | ng    | 57251    | 1                     | 8.34 | 225744 | 20.0 |
| unknown7.87          | 7.87 | 54.9    | ng    | 619482   | 1                     | 8.34 | 225744 | 20.0 |