

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082818\  
 Data File : BG036464.D  
 Acq On : 28 Aug 2018 18:58  
 Operator : JU/SJ  
 Sample : J4648-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-1-@-8-FT

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-BG082318.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         | 5.170       | 314           | 320         | 329          | rBV2     | 37091          | 60265         | 1.93%           | 0.301%        |
| 2         | 5.629       | 391           | 398         | 407          | rBV      | 944102         | 1504919       | 48.16%          | 7.507%        |
| 3         | 7.215       | 661           | 668         | 680          | rBV      | 971329         | 1702886       | 54.50%          | 8.495%        |
| 4         | 7.591       | 723           | 732         | 741          | rBV      | 893503         | 1550753       | 49.63%          | 7.736%        |
| 5         | 8.061       | 806           | 812         | 820          | rBV      | 220569         | 373318        | 11.95%          | 1.862%        |
| 6         | 8.384       | 860           | 867         | 877          | rBV      | 608000         | 1052366       | 33.68%          | 5.250%        |
| 7         | 9.224       | 1001          | 1010        | 1019         | rBV      | 541299         | 965038        | 30.88%          | 4.814%        |
| 8         | 10.870      | 1282          | 1290        | 1297         | rBV      | 308845         | 554459        | 17.74%          | 2.766%        |
| 9         | 13.314      | 1698          | 1706        | 1717         | rVB      | 1338016        | 2063824       | 66.05%          | 10.295%       |
| 10        | 14.136      | 1840          | 1846        | 1851         | rBV      | 163592         | 236263        | 7.56%           | 1.179%        |
| 11        | 14.689      | 1932          | 1940        | 1951         | rVB2     | 509840         | 805139        | 25.77%          | 4.016%        |
| 12        | 16.169      | 2185          | 2192        | 2205         | rBV      | 1247461        | 1880347       | 60.18%          | 9.380%        |
| 13        | 17.427      | 2399          | 2406        | 2414         | rBV      | 691932         | 1075594       | 34.42%          | 5.365%        |
| 14        | 18.314      | 2553          | 2557        | 2565         | rBV      | 59683          | 93511         | 2.99%           | 0.466%        |
| 15        | 20.035      | 2844          | 2850        | 2856         | rBV      | 2454488        | 3124752       | 100.00%         | 15.588%       |
| 16        | 21.028      | 3013          | 3019        | 3023         | rVB4     | 57661          | 80764         | 2.58%           | 0.403%        |
| 17        | 21.351      | 3069          | 3074        | 3079         | rBV2     | 47265          | 85872         | 2.75%           | 0.428%        |
| 18        | 21.698      | 3125          | 3133        | 3147         | rVB2     | 774082         | 1340591       | 42.90%          | 6.687%        |
| 19        | 21.904      | 3163          | 3168        | 3173         | rBV3     | 23528          | 35985         | 1.15%           | 0.180%        |
| 20        | 22.515      | 3267          | 3272        | 3276         | rBV2     | 33057          | 51668         | 1.65%           | 0.258%        |
| 21        | 23.220      | 3387          | 3392        | 3399         | rVB4     | 25568          | 47474         | 1.52%           | 0.237%        |
| 22        | 24.025      | 3523          | 3529        | 3536         | rBV3     | 28861          | 57338         | 1.83%           | 0.286%        |
| 23        | 24.912      | 3666          | 3680        | 3688         | rBV      | 446587         | 1271588       | 40.69%          | 6.343%        |
| 24        | 26.122      | 3880          | 3886        | 3892         | rBV6     | 14656          | 31779         | 1.02%           | 0.159%        |

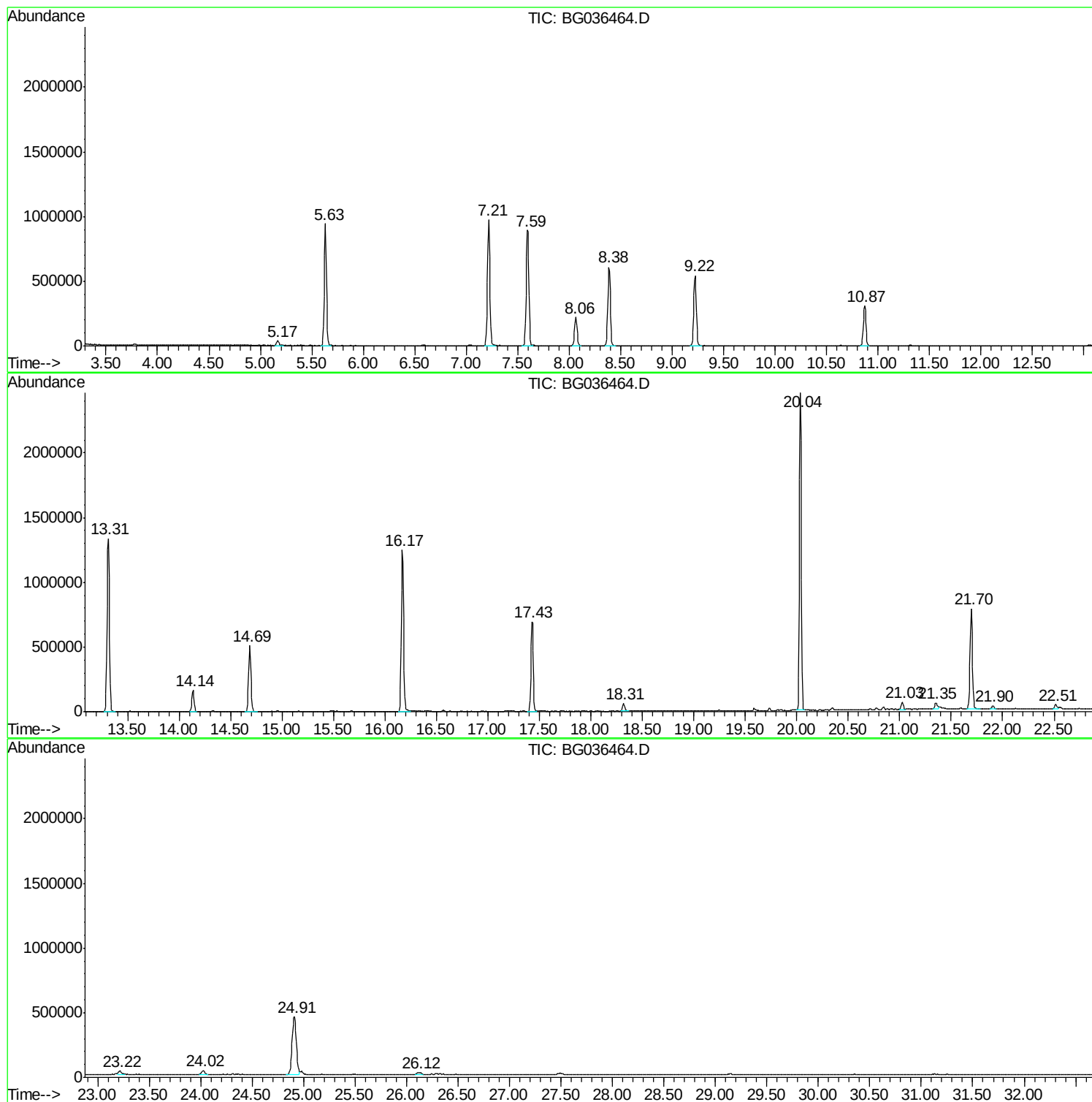
Sum of corrected areas: 20046493

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.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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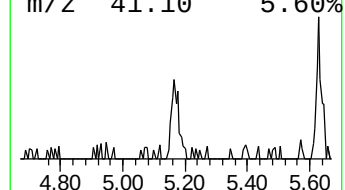
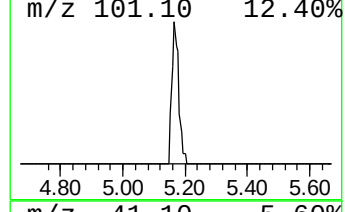
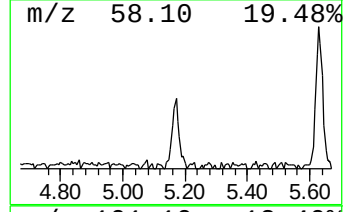
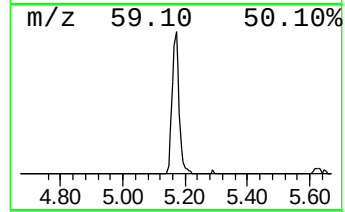
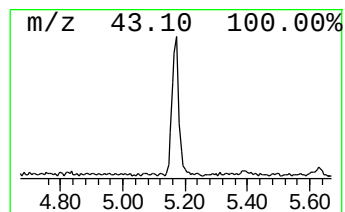
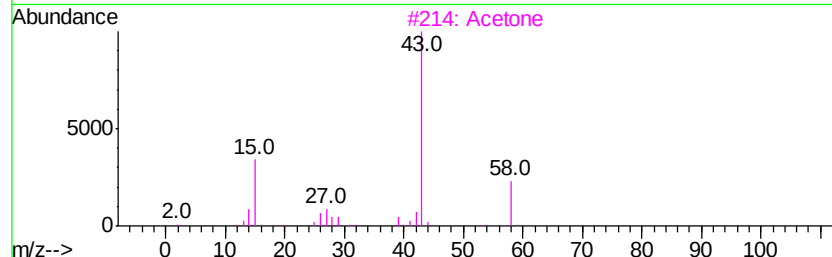
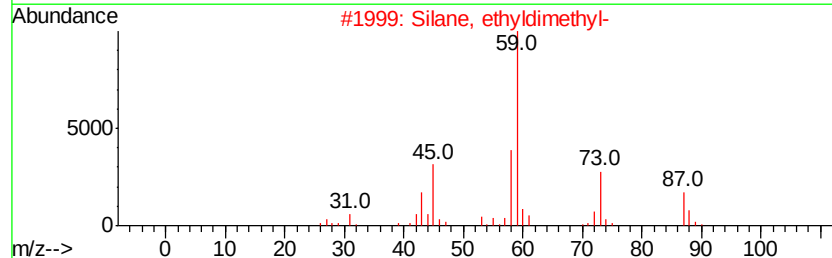
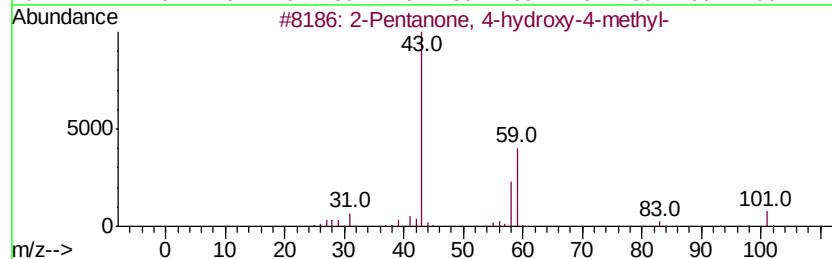
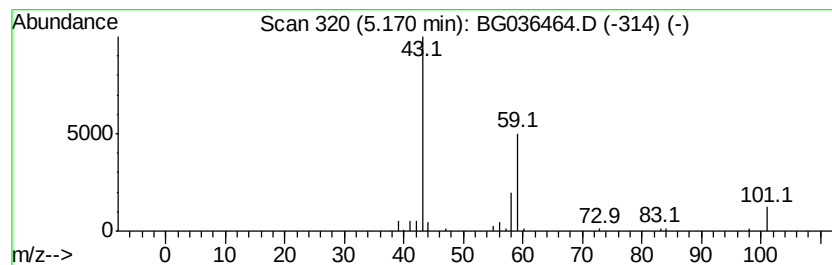
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.17 | 3.23 ng | 60265 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 78   |
| 2    |    | Silane, ethyldimethyl-           | 88  | C4H12Si | 000758-21-4 | 25   |
| 3    |    | Acetone                          | 58  | C3H6O   | 000067-64-1 | 9    |
| 4    |    | Diacetamide                      | 101 | C4H7NO2 | 000625-77-4 | 9    |
| 5    |    | 2-Pentanol, 2,4-dimethyl-        | 116 | C7H16O  | 000625-06-9 | 9    |



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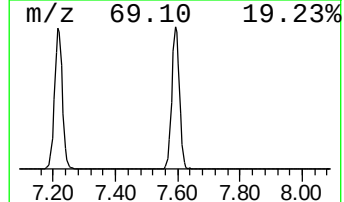
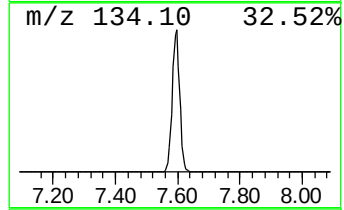
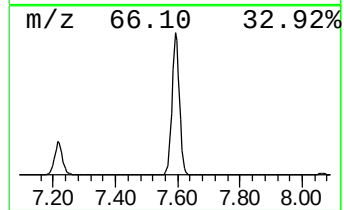
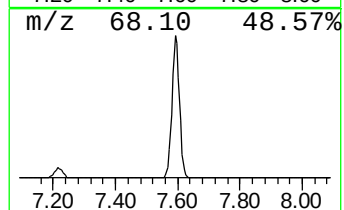
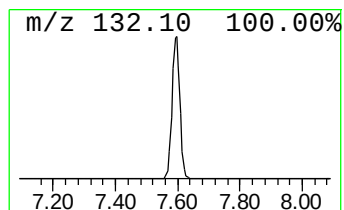
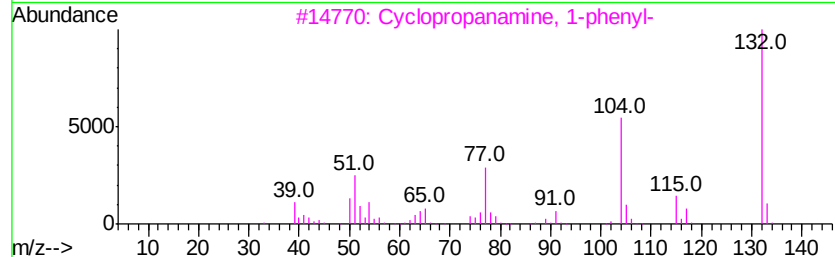
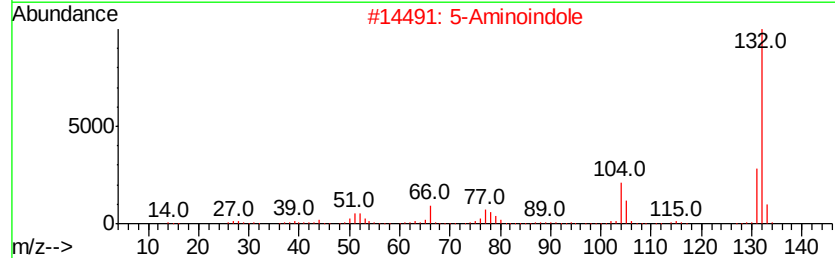
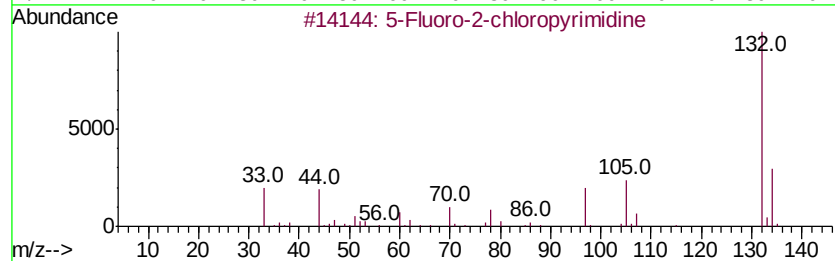
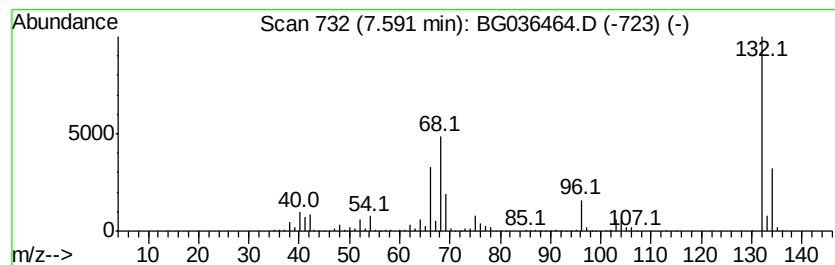
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Peak Number 2 unknown7.59 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.59 | 83.08 ng | 1550750 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 27   |
| 2    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 22   |
| 3    |    | Cyclopropanamine, 1-phenyl-         | 133 | C9H11N    | 1000351-26-2 | 10   |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2  | 029490-19-5  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.17 | 3.2     | ng    | 60265    | 1                     | 8.06 | 373318 | 20.0 |
| unknown7.59          | 7.59 | 83.1    | ng    | 1550750  | 1                     | 8.06 | 373318 | 20.0 |