

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011224\  
 Data File : BG060316.D  
 Acq On : 12 Jan 2024 15:08  
 Operator : MA/JU  
 Sample : P1117-07  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 S2-COMPOSITE

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-BG010824.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060316.D\data.ms

| 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         | 5.033       | 323           | 331         | 340          | rBV      | 130908         | 220144        | 2.13%           | 0.418%        |
| 2         | 5.503       | 404           | 411         | 429          | rBV      | 2066472        | 3363742       | 32.48%          | 6.381%        |
| 3         | 7.090       | 672           | 681         | 704          | rBV      | 2316621        | 4112700       | 39.71%          | 7.801%        |
| 4         | 7.930       | 816           | 824         | 834          | rBV      | 783570         | 1381603       | 13.34%          | 2.621%        |
| 5         | 9.087       | 1013          | 1021        | 1039         | rBV      | 1353207        | 2502122       | 24.16%          | 4.746%        |
| 6         | 10.733      | 1292          | 1301        | 1313         | rBV      | 1069611        | 1987069       | 19.18%          | 3.769%        |
| 7         | 13.189      | 1711          | 1719        | 1734         | rBV      | 4080530        | 6624742       | 63.96%          | 12.567%       |
| 8         | 14.563      | 1946          | 1953        | 1962         | rBV      | 1958598        | 3012140       | 29.08%          | 5.714%        |
| 9         | 16.050      | 2199          | 2206        | 2222         | rBV      | 2834043        | 4613156       | 44.54%          | 8.751%        |
| 10        | 17.313      | 2414          | 2421        | 2433         | rBV      | 2594120        | 4004450       | 38.66%          | 7.596%        |
| 11        | 17.431      | 2436          | 2441        | 2448         | rVB5     | 84526          | 137896        | 1.33%           | 0.262%        |
| 12        | 17.683      | 2480          | 2484        | 2490         | rBV3     | 142177         | 209009        | 2.02%           | 0.396%        |
| 13        | 18.623      | 2636          | 2644        | 2650         | rBV2     | 151010         | 187966        | 1.81%           | 0.357%        |
| 14        | 19.370      | 2766          | 2771        | 2776         | rBV      | 89804          | 139583        | 1.35%           | 0.265%        |
| 15        | 19.728      | 2829          | 2832        | 2841         | rVB      | 87850          | 141121        | 1.36%           | 0.268%        |
| 16        | 19.928      | 2860          | 2866        | 2881         | rBV      | 7439888        | 10357781      | 100.00%         | 19.648%       |
| 17        | 21.220      | 3081          | 3086        | 3094         | rBV      | 235343         | 391066        | 3.78%           | 0.742%        |
| 18        | 21.573      | 3139          | 3146        | 3162         | rBV      | 2587136        | 4508162       | 43.52%          | 8.552%        |
| 19        | 23.159      | 3409          | 3416        | 3421         | rBV5     | 69459          | 160704        | 1.55%           | 0.305%        |
| 20        | 24.176      | 3584          | 3589        | 3598         | rVB6     | 81619          | 180261        | 1.74%           | 0.342%        |
| 21        | 24.740      | 3674          | 3685        | 3702         | rBV      | 1437928        | 4481887       | 43.27%          | 8.502%        |

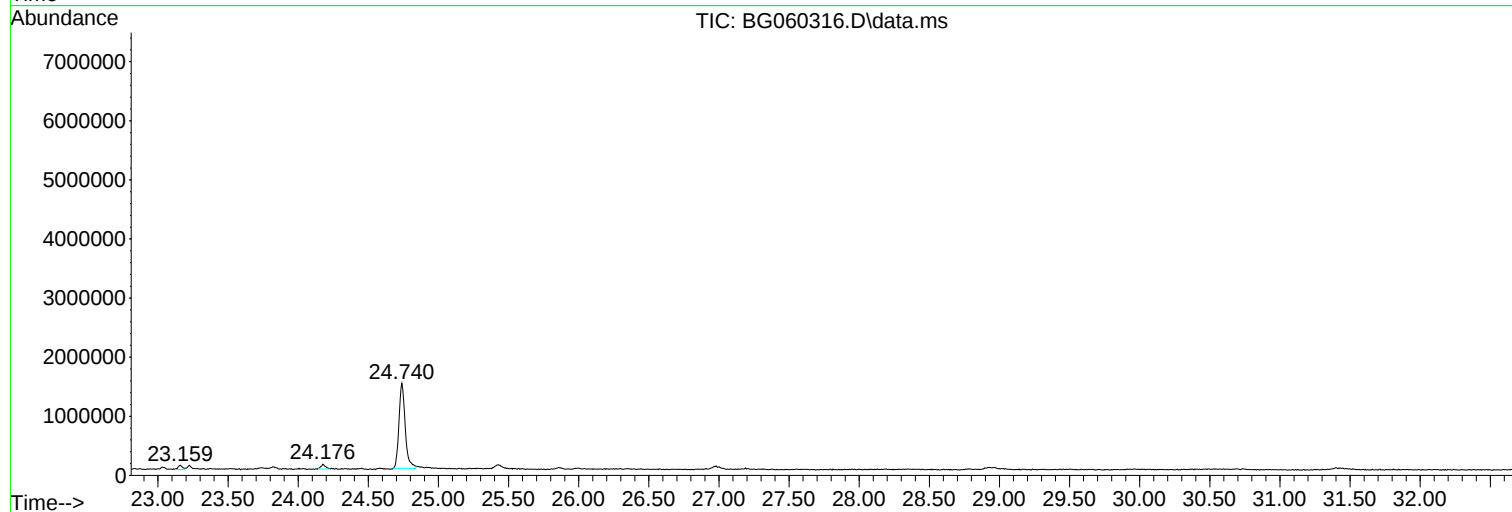
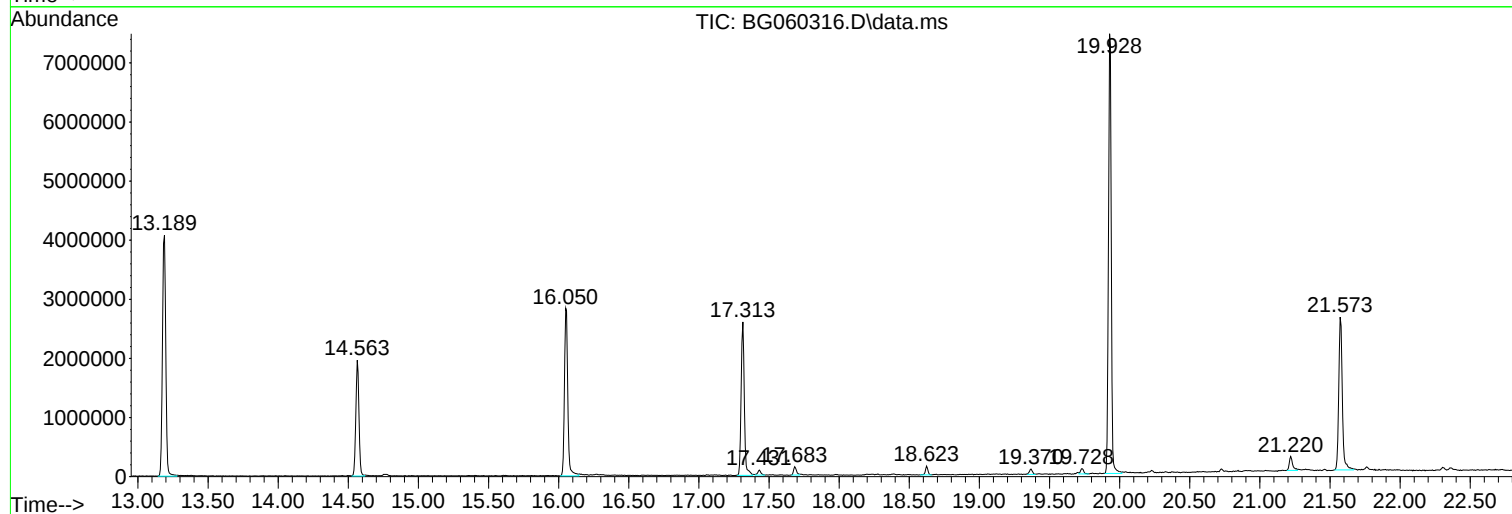
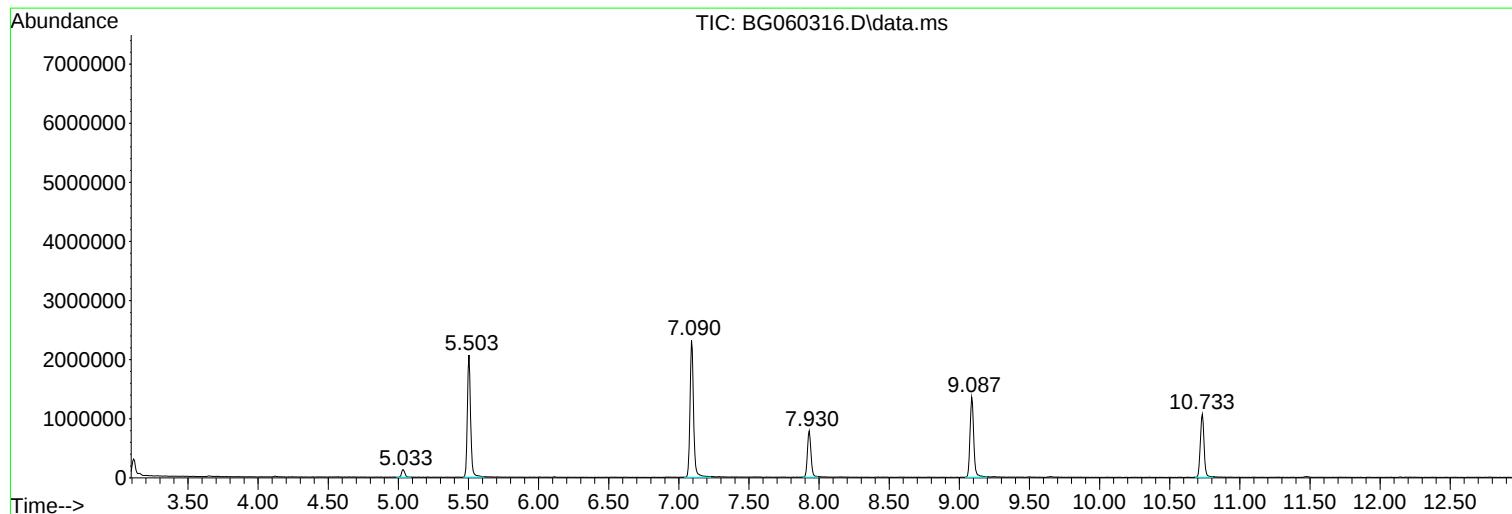
Sum of corrected areas: 52717304

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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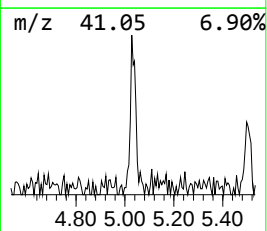
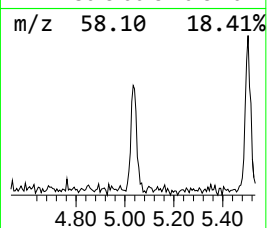
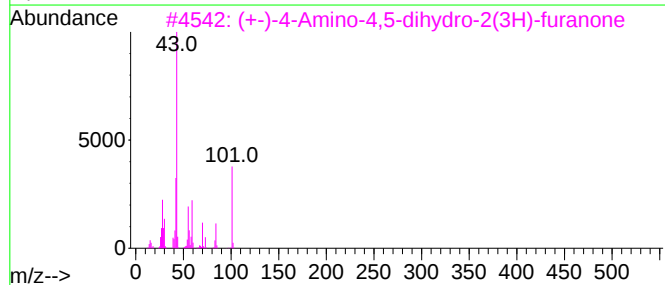
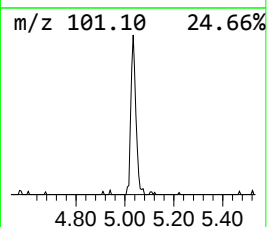
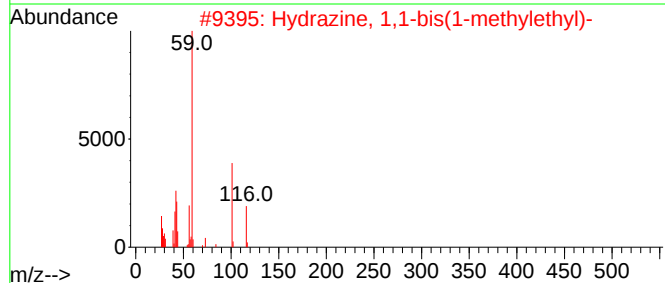
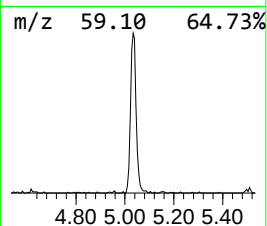
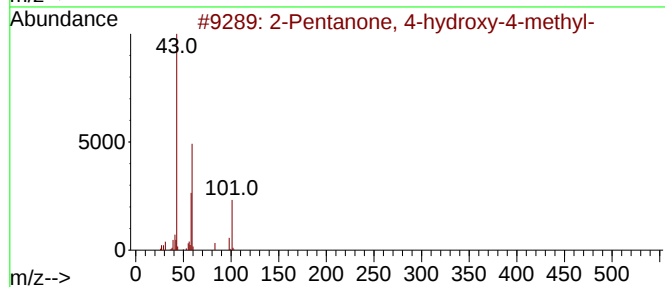
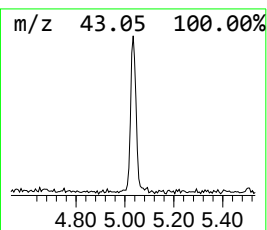
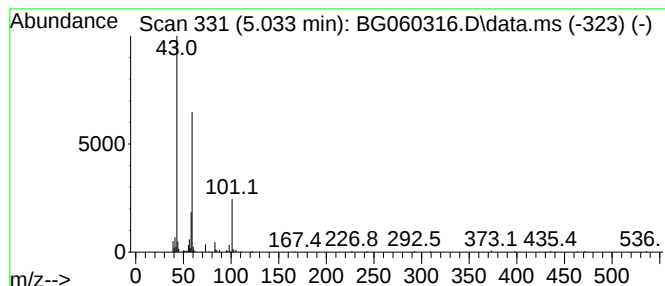
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.033 | 3.19 ng | 220144 | 1,4-Dichlorobenzene-d4 | 7.930 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 59   |
| 2    |    |   | Hydrazine, 1,1-bis(1-methylethyl)-  | 116 | C6H16N2 | 000921-14-2 | 38   |
| 3    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101 | C4H7NO2 | 016504-58-8 | 35   |
| 4    |    |   | Dimethadione                        | 129 | C5H7NO3 | 000695-53-4 | 33   |
| 5    |    |   | 1,3-Dioxolane-4-methanol, 2,2-di... | 132 | C6H12O3 | 000100-79-8 | 28   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-... | 5.033 | 3.2     | ng    | 220144   | 1                     | 7.930 | 1381600 | 20.0 |