

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\  
 Data File : BG028914.D  
 Acq On : 25 Sep 2017 19:13  
 Operator : SJ/JU  
 Sample : I5306-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EP-21

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-BG091217.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         | 5.415       | 298           | 311         | 315          | rBV      | 3950629        | 8694590       | 100.00%         | 60.724%       |
| 2         | 7.436       | 650           | 655         | 665          | rBV4     | 46108          | 124637        | 1.43%           | 0.870%        |
| 3         | 8.277       | 791           | 798         | 804          | rBV      | 94393          | 172714        | 1.99%           | 1.206%        |
| 4         | 8.606       | 847           | 854         | 861          | rBV      | 134993         | 248199        | 2.85%           | 1.733%        |
| 5         | 9.452       | 990           | 998         | 1008         | rBV      | 135598         | 273848        | 3.15%           | 1.913%        |
| 6         | 11.103      | 1272          | 1279        | 1291         | rBV      | 117351         | 237736        | 2.73%           | 1.660%        |
| 7         | 13.518      | 1683          | 1690        | 1700         | rBV      | 305417         | 492321        | 5.66%           | 3.438%        |
| 8         | 14.334      | 1822          | 1829        | 1836         | rBV      | 65245          | 102420        | 1.18%           | 0.715%        |
| 9         | 14.898      | 1916          | 1925        | 1936         | rBV2     | 205015         | 353391        | 4.06%           | 2.468%        |
| 10        | 17.648      | 2386          | 2393        | 2403         | rBV      | 357368         | 565516        | 6.50%           | 3.950%        |
| 11        | 20.233      | 2827          | 2833        | 2840         | rBV      | 1292285        | 1685950       | 19.39%          | 11.775%       |
| 12        | 21.967      | 3121          | 3128        | 3139         | rVB      | 402177         | 706693        | 8.13%           | 4.936%        |
| 13        | 25.421      | 3705          | 3716        | 3726         | rVB2     | 215340         | 660116        | 7.59%           | 4.610%        |

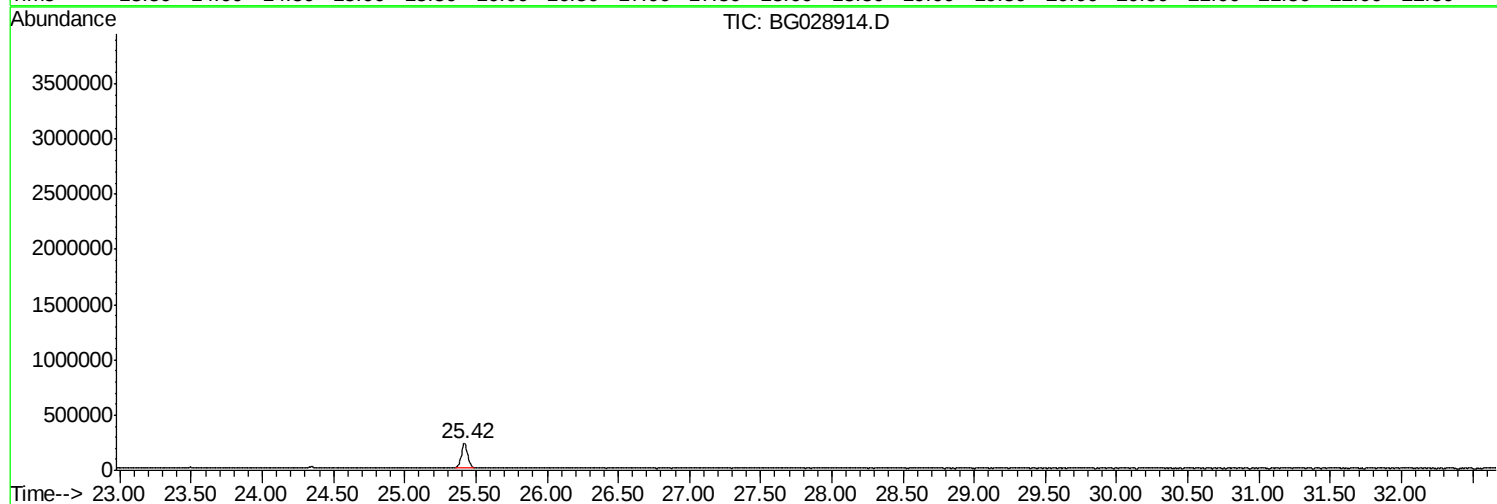
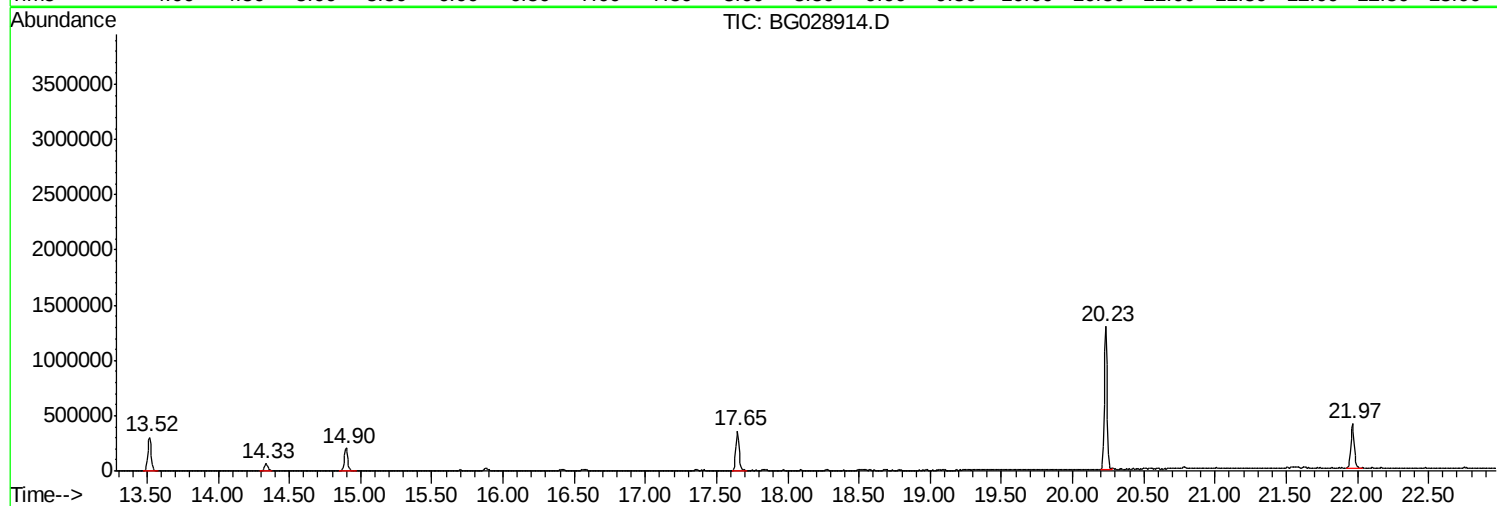
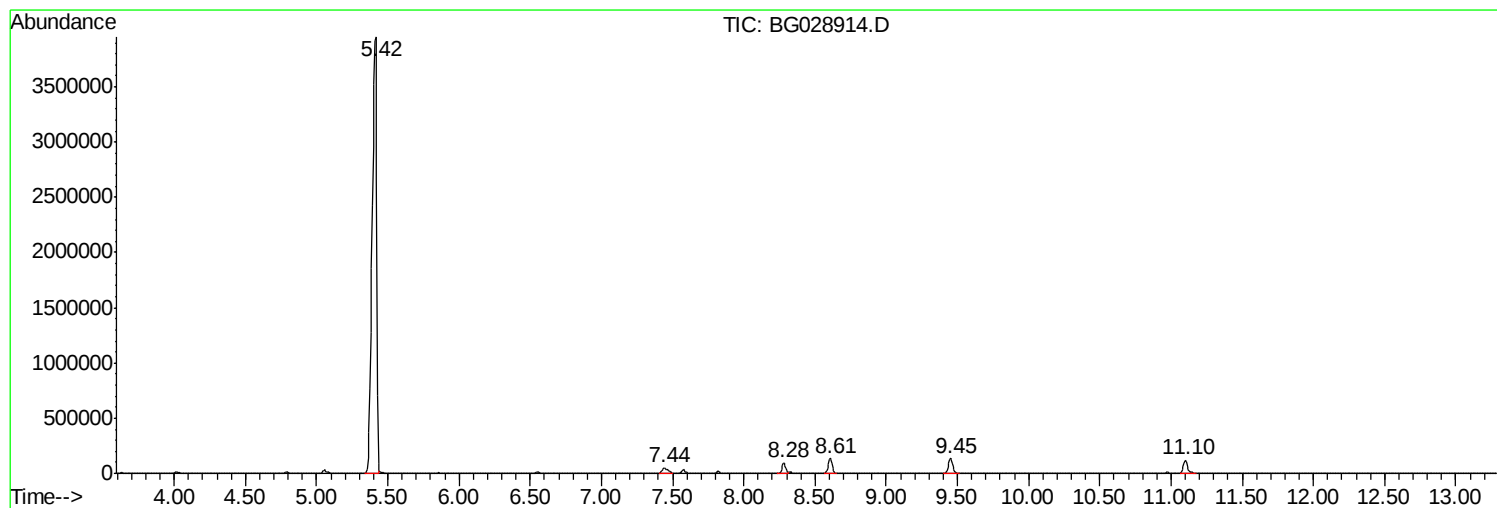
Sum of corrected areas: 14318131

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.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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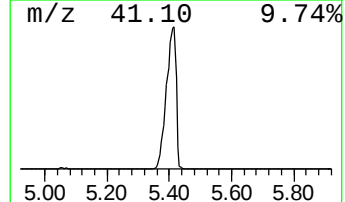
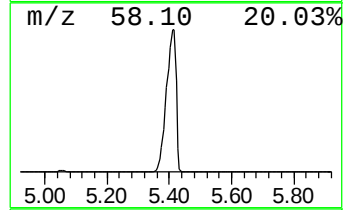
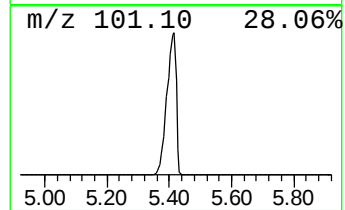
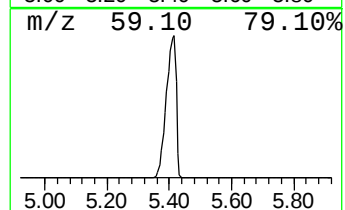
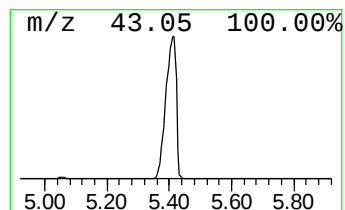
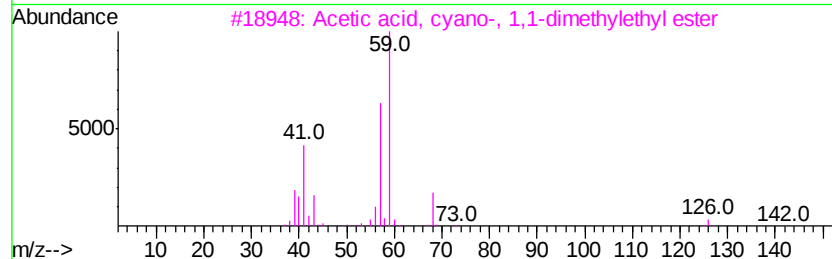
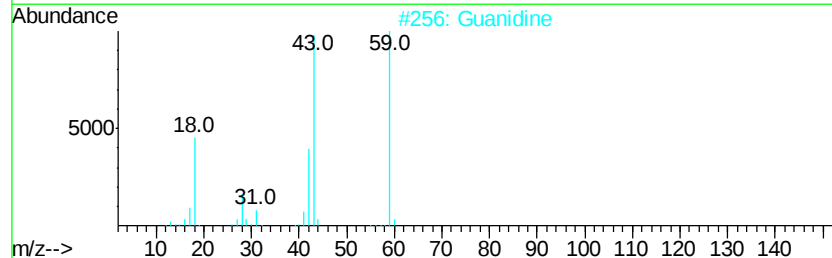
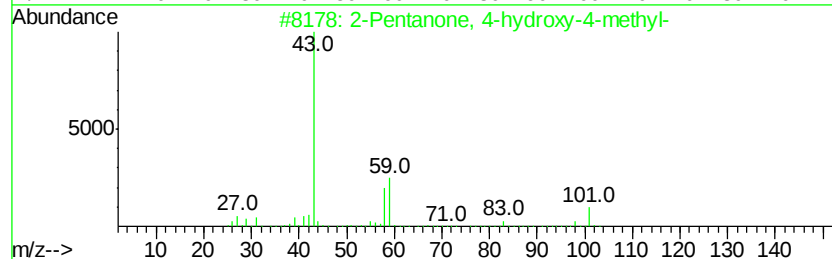
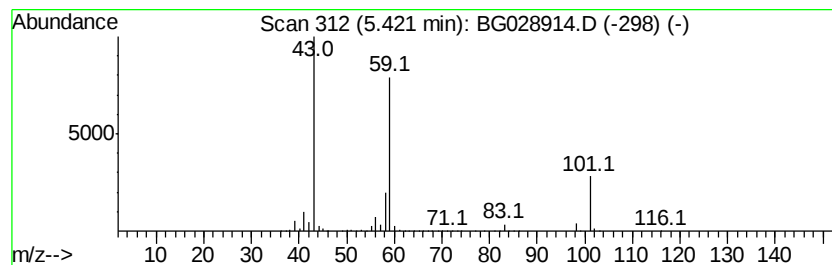
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TIC Integration Parameters: LSCINT.P

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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. |
|------|------------|---------|------------------------|------|
| 5.42 | 1006.82 ng | 8694590 | 1,4-Dichlorobenzene-d4 | 8.28 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|--------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2  | 59   |
| 2    |    | Guanidine                            | 59  | CH5N3    | 000113-00-8  | 47   |
| 3    |    | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9  | 38   |
| 4    |    | n-Propyl t-butyl ether               | 116 | C7H16O   | 1000334-81-9 | 36   |
| 5    |    | 1,8-Nonanediol, 8-methyl-            | 174 | C10H22O2 | 054725-73-4  | 28   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.42 | 1006.8  | ng    | 8694590  | 1                     | 8.28 | 172714 | 20.0 |