

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\  
 Data File : BG039181.D  
 Acq On : 17 Jan 2019 6:48  
 Operator : JU/SJ  
 Sample : PB116427BL  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116427BL

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-BG010919.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         | 5.100       | 336           | 342         | 352          | rVB      | 16106          | 26568         | 1.53%           | 0.332%        |
| 2         | 5.570       | 415           | 422         | 434          | rBV      | 326415         | 552749        | 31.88%          | 6.916%        |
| 3         | 7.174       | 686           | 695         | 708          | rBV      | 353865         | 626729        | 36.15%          | 7.842%        |
| 4         | 7.544       | 751           | 758         | 769          | rBV      | 336935         | 579160        | 33.41%          | 7.247%        |
| 5         | 8.014       | 832           | 838         | 848          | rVB      | 71842          | 122708        | 7.08%           | 1.535%        |
| 6         | 8.337       | 886           | 893         | 901          | rVB      | 224028         | 391737        | 22.60%          | 4.902%        |
| 7         | 9.195       | 1031          | 1039        | 1054         | rBV      | 182343         | 347962        | 20.07%          | 4.354%        |
| 8         | 10.834      | 1309          | 1318        | 1331         | rBV      | 83231          | 164603        | 9.49%           | 2.060%        |
| 9         | 13.272      | 1726          | 1733        | 1748         | rBV      | 503695         | 807724        | 46.59%          | 10.106%       |
| 10        | 14.659      | 1961          | 1969        | 1983         | rBV2     | 195286         | 319167        | 18.41%          | 3.993%        |
| 11        | 16.151      | 2216          | 2223        | 2243         | rBV2     | 433277         | 755798        | 43.59%          | 9.457%        |
| 12        | 17.409      | 2430          | 2437        | 2447         | rBV2     | 303472         | 478113        | 27.58%          | 5.982%        |
| 13        | 20.012      | 2873          | 2880        | 2893         | rBV      | 1249553        | 1733693       | 100.00%         | 21.692%       |
| 14        | 21.680      | 3157          | 3164        | 3173         | rBV2     | 292798         | 502019        | 28.96%          | 6.281%        |
| 15        | 22.420      | 3285          | 3290        | 3297         | rVB2     | 13390          | 22161         | 1.28%           | 0.277%        |
| 16        | 23.108      | 3402          | 3407        | 3415         | rVB4     | 14109          | 29099         | 1.68%           | 0.364%        |
| 17        | 23.913      | 3538          | 3544        | 3552         | rVB4     | 12993          | 30017         | 1.73%           | 0.376%        |
| 18        | 24.865      | 3698          | 3706        | 3710         | rBV7     | 7507           | 22972         | 1.33%           | 0.287%        |
| 19        | 24.947      | 3710          | 3720        | 3736         | rVB3     | 156438         | 479202        | 27.64%          | 5.996%        |

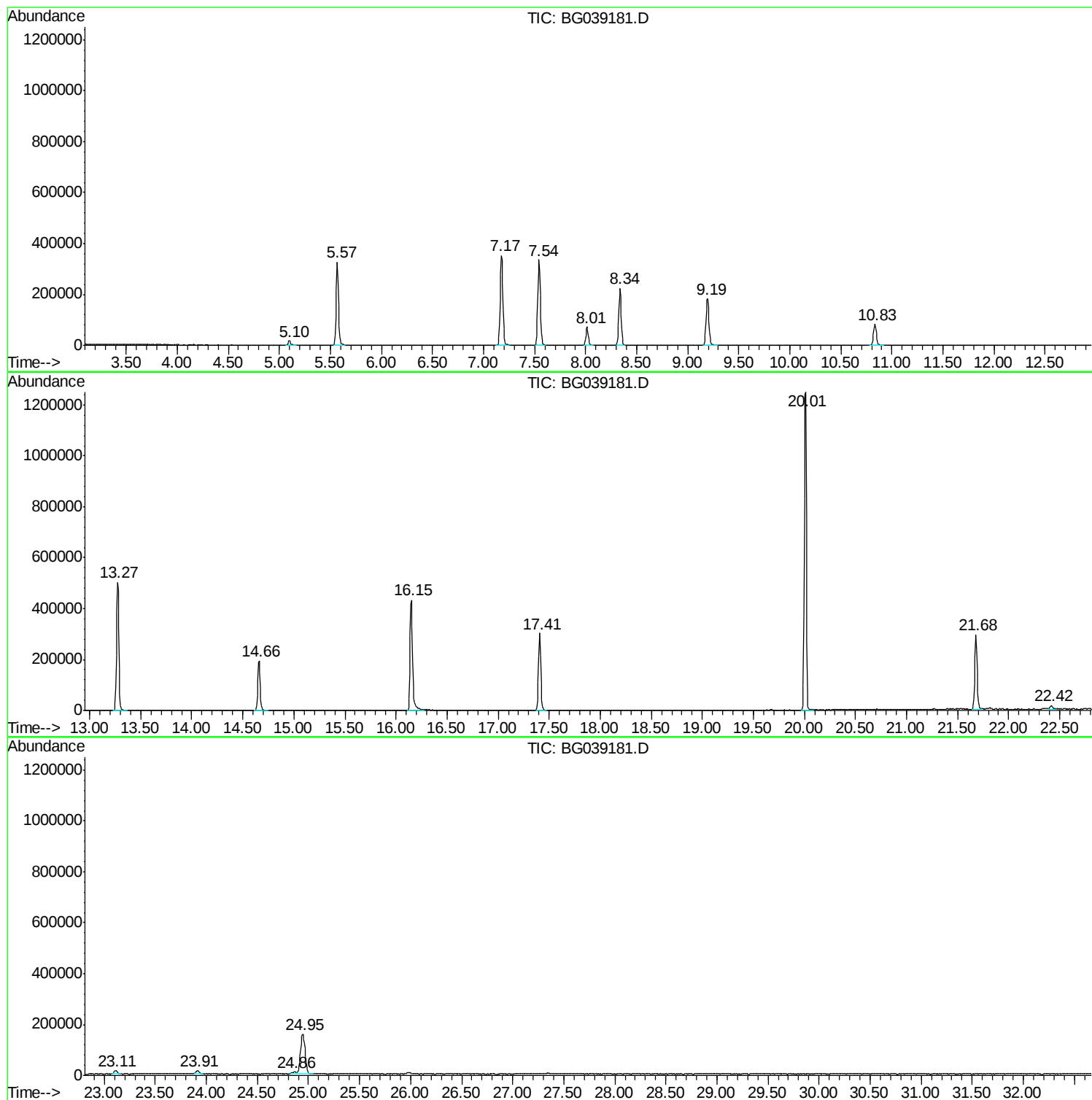
Sum of corrected areas: 7992181

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.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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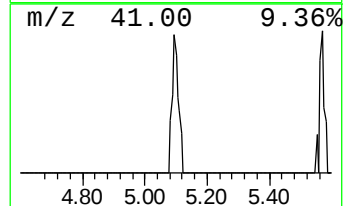
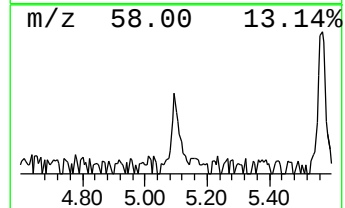
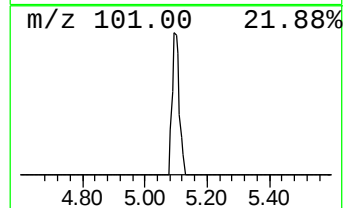
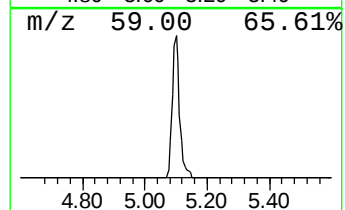
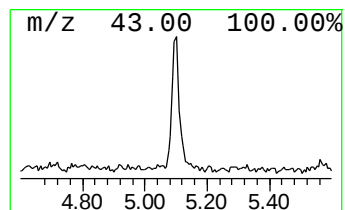
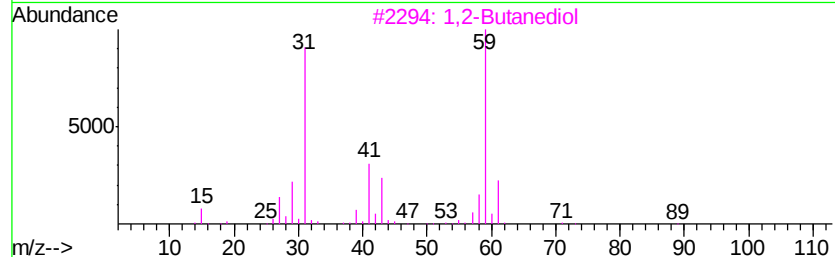
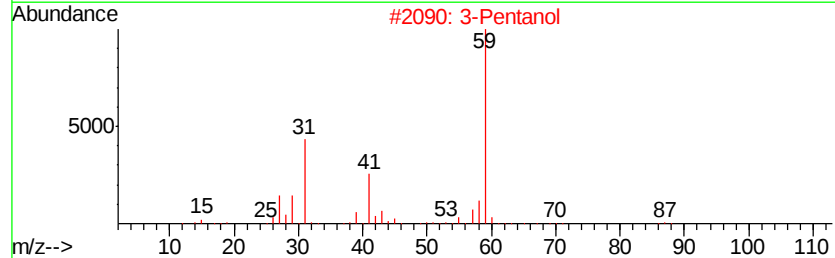
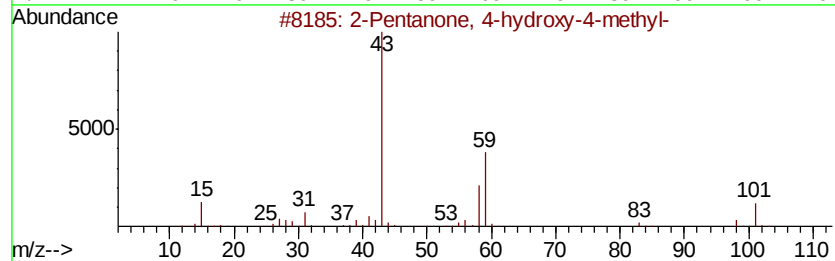
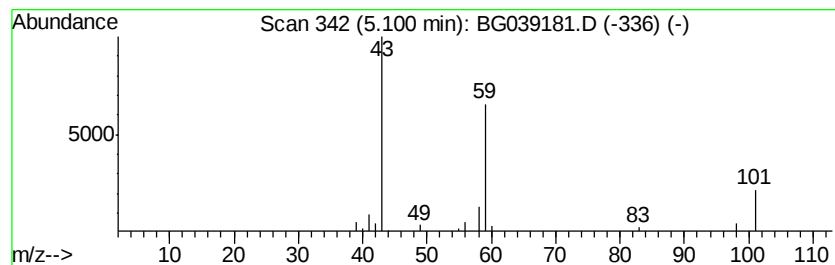
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.10 | 4.33 ng | 26568 | 1,4-Dichlorobenzene-d4 | 8.01 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------------|-----|---------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64   |
| 2    |      | 3-Pentanol                       | 88  | C5H12O  | 000584-02-1 | 25   |
| 3    |      | 1,2-Butanediol                   | 90  | C4H10O2 | 000584-03-2 | 9    |
| 4    |      | 3-Hexanol                        | 102 | C6H14O  | 000623-37-0 | 9    |
| 5    |      | Propane, 2-ethoxy-2-methyl-      | 102 | C6H14O  | 000637-92-3 | 9    |



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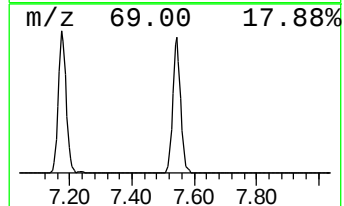
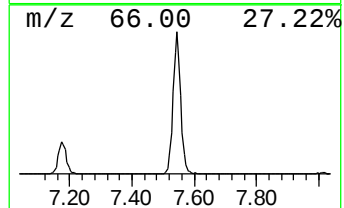
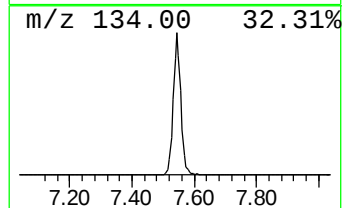
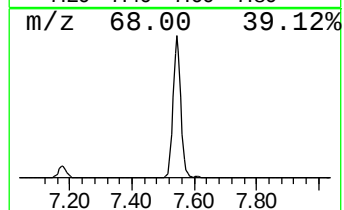
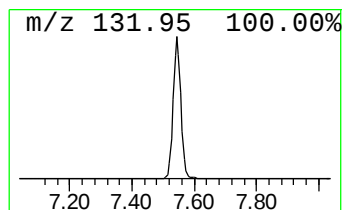
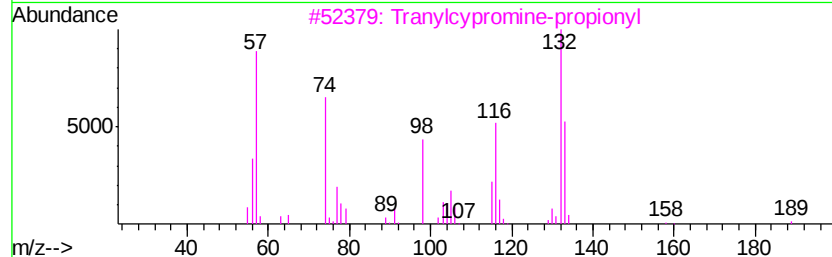
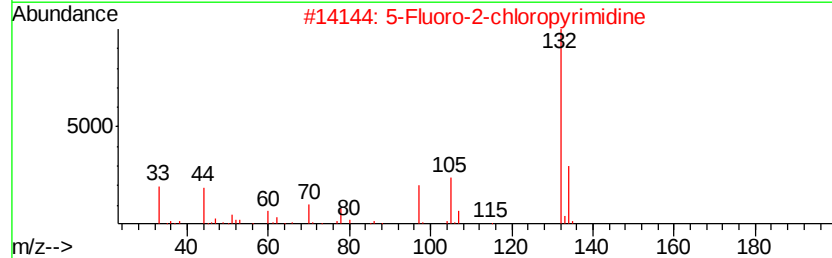
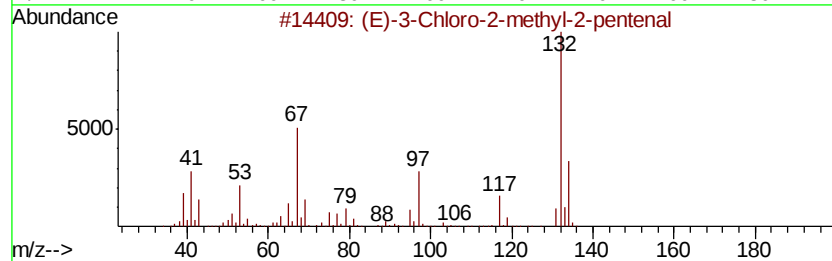
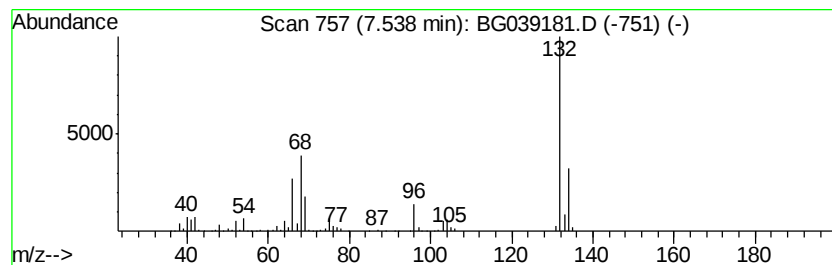
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Peak Number 2 unknown7.54 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.54 | 94.40 ng | 579160 | 1,4-Dichlorobenzene-d4 | 8.01 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 16   |
| 2    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 3    |    | Tranvlcypropine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.10 | 4.3     | ng    | 26568    | 1                     | 8.01 | 122708 | 20.0 |
| unknown7.54          | 7.54 | 94.4    | ng    | 579160   | 1                     | 8.01 | 122708 | 20.0 |