

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050115\  
 Data File : BG016854.D  
 Acq On : 1 May 2015 20:32  
 Operator : TP/IZ  
 Sample : G2032-11  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B1GW

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-BG042915.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         | 4.380       | 279           | 288         | 296          | rBV2     | 32818          | 50896         | 1.90%           | 0.394%        |
| 2         | 4.867       | 366           | 371         | 388          | rBV      | 288836         | 486572        | 18.19%          | 3.763%        |
| 3         | 6.483       | 640           | 646         | 665          | rBV      | 150750         | 309372        | 11.57%          | 2.393%        |
| 4         | 6.800       | 693           | 700         | 729          | rBV      | 672076         | 1142192       | 42.70%          | 8.833%        |
| 5         | 7.258       | 773           | 778         | 791          | rBV      | 133420         | 254460        | 9.51%           | 1.968%        |
| 6         | 7.576       | 825           | 832         | 854          | rBV      | 617598         | 1024420       | 38.30%          | 7.922%        |
| 7         | 8.422       | 969           | 976         | 993          | rBV      | 424821         | 808843        | 30.24%          | 6.255%        |
| 8         | 10.032      | 1244          | 1250        | 1262         | rBV      | 197706         | 365590        | 13.67%          | 2.827%        |
| 9         | 12.552      | 1672          | 1679        | 1706         | rBV      | 1303079        | 2023520       | 75.65%          | 15.649%       |
| 10        | 13.945      | 1907          | 1916        | 1931         | rBV2     | 320513         | 520556        | 19.46%          | 4.026%        |
| 11        | 15.449      | 2166          | 2172        | 2196         | rBV      | 928284         | 1342541       | 50.19%          | 10.382%       |
| 12        | 16.694      | 2379          | 2384        | 2398         | rBV      | 378873         | 609904        | 22.80%          | 4.717%        |
| 13        | 19.356      | 2831          | 2837        | 2850         | rBV      | 2133506        | 2674771       | 100.00%         | 20.685%       |
| 14        | 20.907      | 3096          | 3101        | 3110         | rBV      | 517207         | 661794        | 24.74%          | 5.118%        |
| 15        | 22.981      | 3447          | 3454        | 3467         | rBV      | 364402         | 655382        | 24.50%          | 5.068%        |

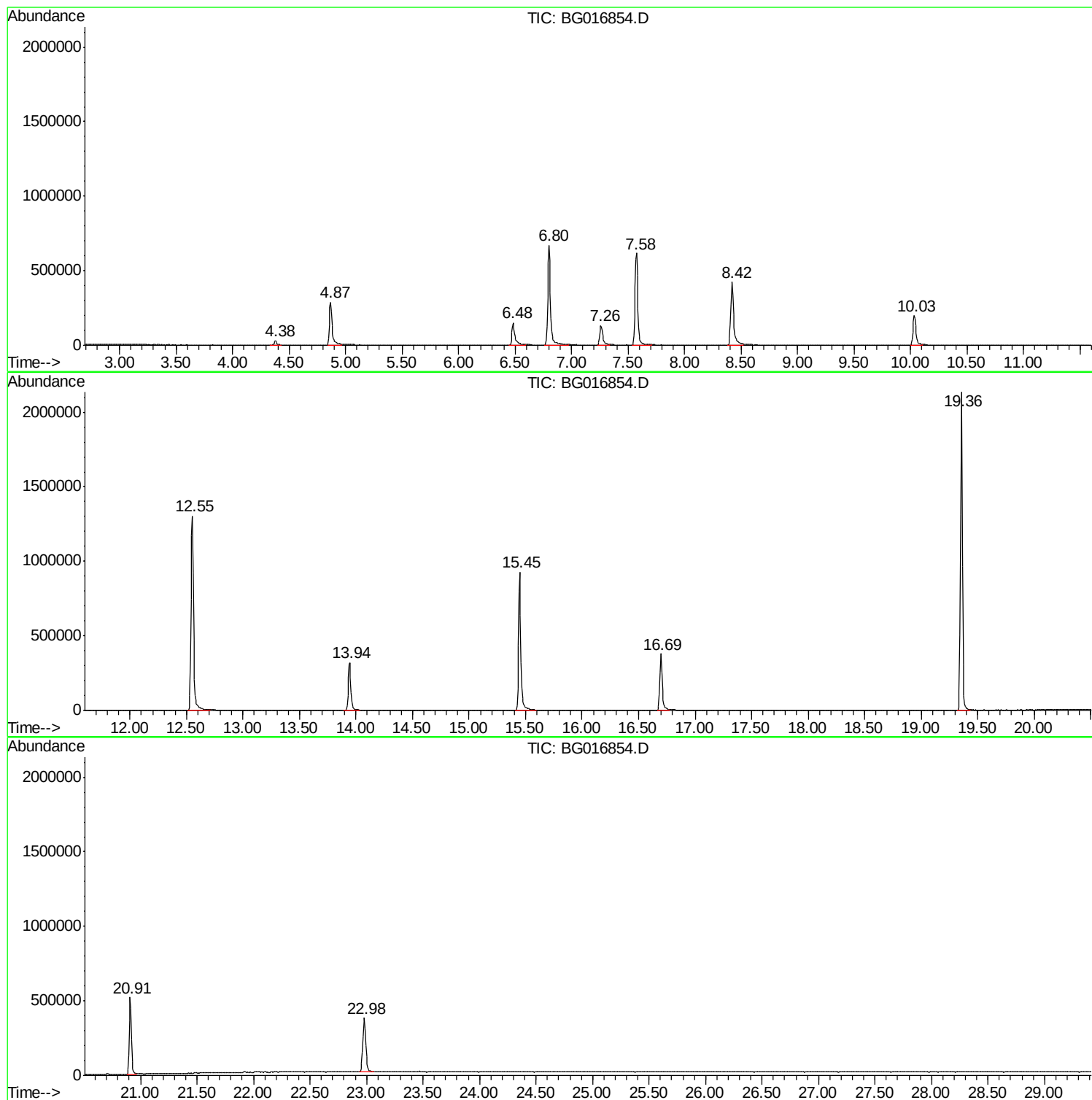
Sum of corrected areas: 12930813

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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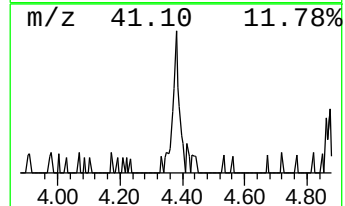
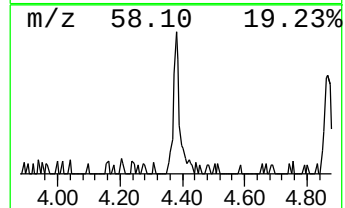
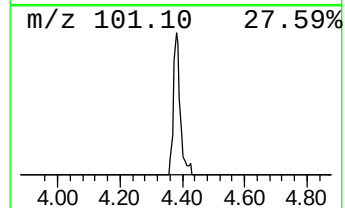
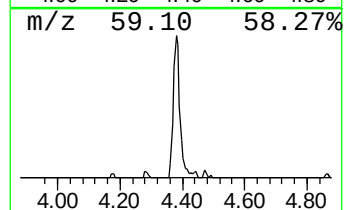
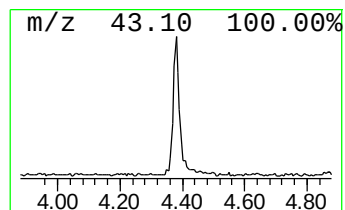
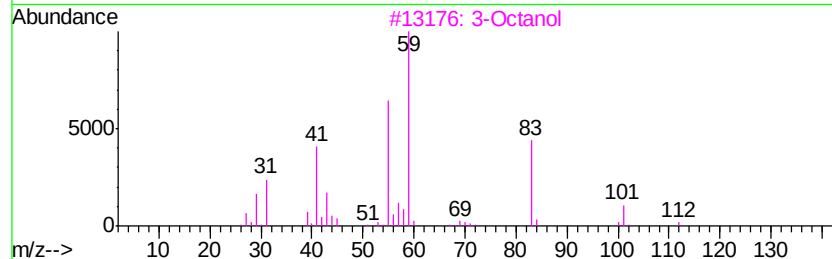
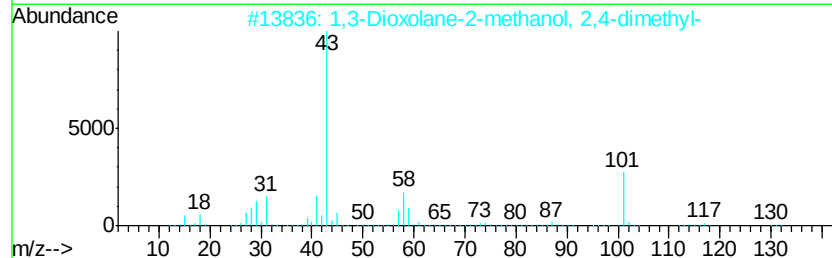
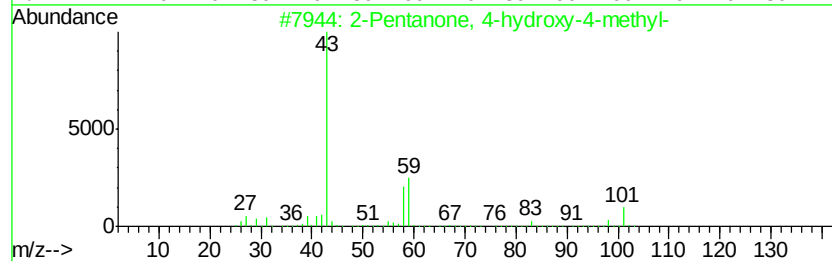
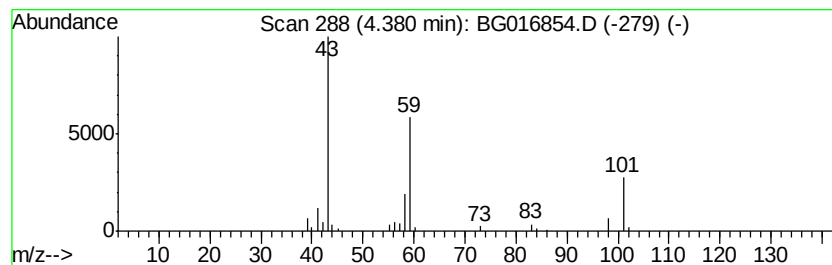
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TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|-------|------------------------|------|
| 4.38 | 4.00 ng | 50896 | 1,4-Dichlorobenzene-d4 | 7.26 |

| Hit# of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------------------------|-----|---------|-------------|------|
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 37   |
| 2         | 1,3-Dioxolane-2-methanol, 2,4-di... | 132 | C6H12O3 | 053951-43-2 | 25   |
| 3         | 3-Octanol                           | 130 | C8H18O  | 000589-98-0 | 17   |
| 4         | 2,3-Butanedione, monooxime          | 101 | C4H7NO2 | 000057-71-6 | 12   |
| 5         | 3-Hexanol                           | 102 | C6H14O  | 000623-37-0 | 12   |



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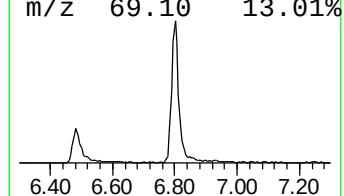
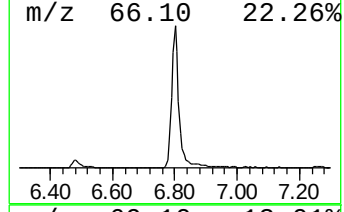
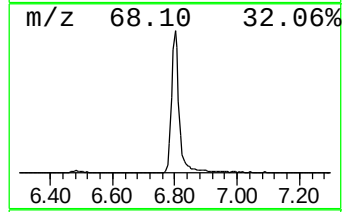
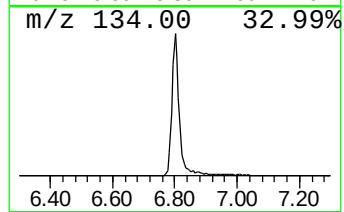
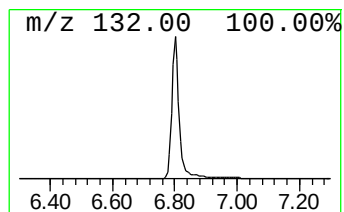
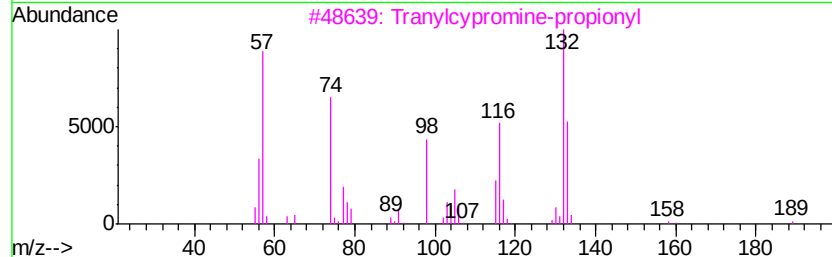
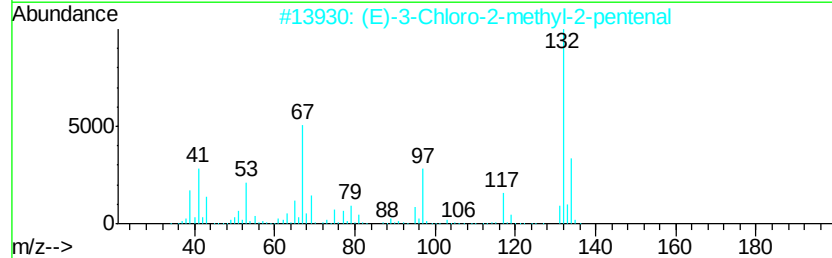
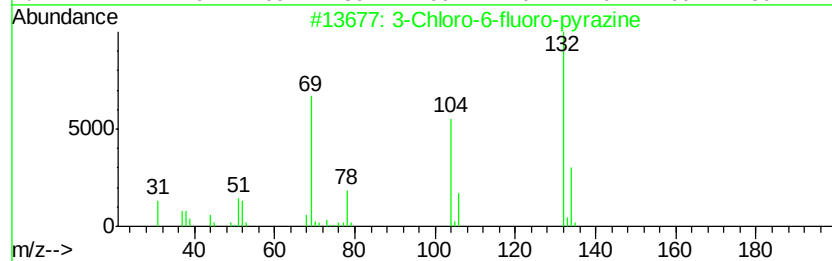
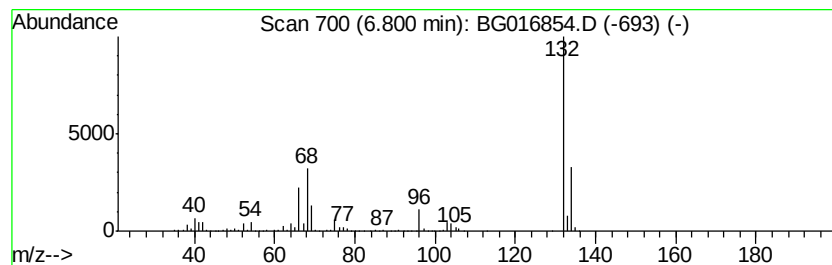
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.80 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.80 | 89.77 ng | 1142190 | 1,4-Dichlorobenzene-d4 | 7.26 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | Tranvlcypropine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 5    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.38 | 4.0     | ng    | 50896    | 1                     | 7.26 | 254460 | 20.0 |
| unknown6.80          | 6.80 | 89.8    | ng    | 1142190  | 1                     | 7.26 | 254460 | 20.0 |