

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF030317\  
 Data File : BF093371.D  
 Acq On : 3 Mar 2017 21:01  
 Operator : SJ/MA  
 Sample : I2086-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SRI-MW-4-20170302

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\_F\METHODS\8270-BF013017.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         | 4.373       | 198           | 200         | 208          | rVB      | 316772         | 504275        | 8.74%           | 1.277%        |
| 2         | 4.933       | 247           | 249         | 263          | rVB      | 232884         | 328202        | 5.69%           | 0.831%        |
| 3         | 5.378       | 286           | 288         | 299          | rBV      | 2053661        | 2699555       | 46.76%          | 6.835%        |
| 4         | 6.430       | 377           | 380         | 388          | rBV      | 1808678        | 1852367       | 32.09%          | 4.690%        |
| 5         | 6.556       | 388           | 391         | 393          | rBV      | 3812469        | 4390428       | 76.05%          | 11.116%       |
| 6         | 6.784       | 408           | 411         | 413          | rBV      | 1055358        | 1117010       | 19.35%          | 2.828%        |
| 7         | 6.933       | 422           | 424         | 427          | rBV      | 2761680        | 3763413       | 65.19%          | 9.528%        |
| 8         | 7.356       | 458           | 461         | 464          | rBV      | 3027288        | 3191152       | 55.28%          | 8.080%        |
| 9         | 8.076       | 521           | 524         | 526          | rBV      | 1065513        | 1402728       | 24.30%          | 3.551%        |
| 10        | 9.150       | 614           | 618         | 620          | rBV      | 5010857        | 5772817       | 100.00%         | 14.616%       |
| 11        | 9.539       | 650           | 652         | 655          | rBV      | 182465         | 197903        | 3.43%           | 0.501%        |
| 12        | 9.756       | 668           | 671         | 674          | rBV      | 43648          | 85587         | 1.48%           | 0.217%        |
| 13        | 9.825       | 674           | 677         | 679          | rVV      | 1270802        | 1670243       | 28.93%          | 4.229%        |
| 14        | 10.248      | 713           | 714         | 716          | rVB      | 87546          | 65068         | 1.13%           | 0.165%        |
| 15        | 10.613      | 743           | 746         | 748          | rBV      | 2840154        | 3009349       | 52.13%          | 7.619%        |
| 16        | 10.716      | 754           | 755         | 760          | rVB2     | 96238          | 136414        | 2.36%           | 0.345%        |
| 17        | 11.162      | 792           | 794         | 800          | rVB2     | 76956          | 131899        | 2.28%           | 0.334%        |
| 18        | 11.299      | 804           | 806         | 809          | rBV      | 1462335        | 1605380       | 27.81%          | 4.065%        |
| 19        | 11.528      | 823           | 826         | 830          | rBV      | 115624         | 156298        | 2.71%           | 0.396%        |
| 20        | 11.596      | 830           | 832         | 834          | rVV      | 73804          | 93909         | 1.63%           | 0.238%        |
| 21        | 11.871      | 850           | 856         | 862          | rBV5     | 14002          | 60430         | 1.05%           | 0.153%        |
| 22        | 11.996      | 865           | 867         | 869          | rBV      | 82054          | 68742         | 1.19%           | 0.174%        |
| 23        | 12.888      | 942           | 945         | 948          | rBV      | 4189446        | 4434920       | 76.82%          | 11.229%       |
| 24        | 13.779      | 1021          | 1023        | 1027         | rBV      | 73738          | 102569        | 1.78%           | 0.260%        |
| 25        | 13.939      | 1035          | 1037        | 1040         | rBV      | 1559091        | 1455362       | 25.21%          | 3.685%        |
| 26        | 15.357      | 1158          | 1161        | 1172         | rVB      | 888041         | 1200796       | 20.80%          | 3.040%        |

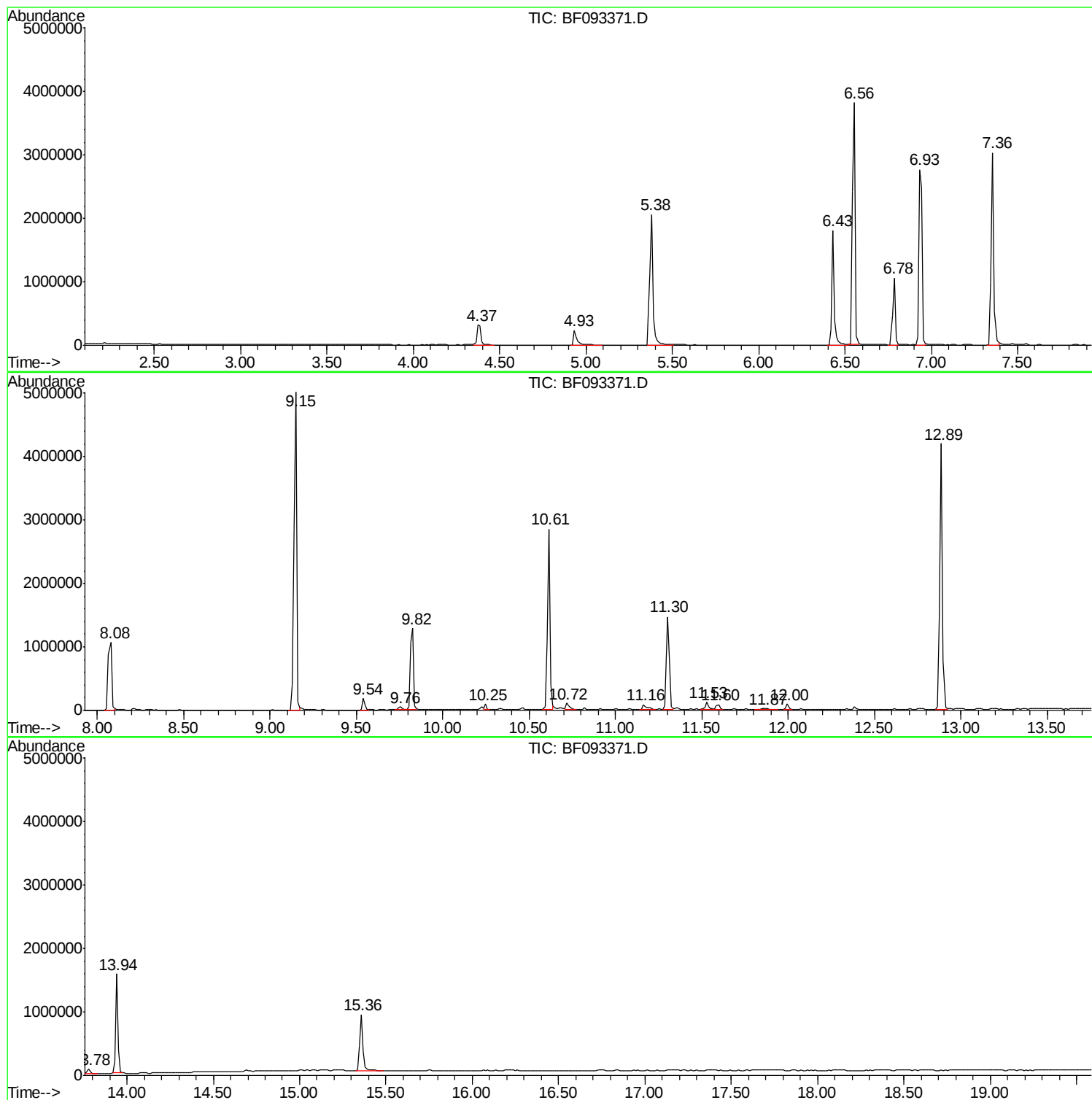
Sum of corrected areas: 39496816

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF013017.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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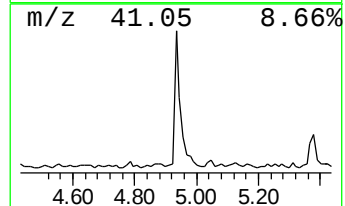
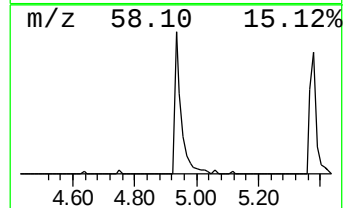
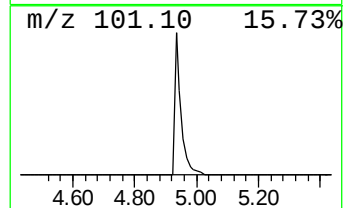
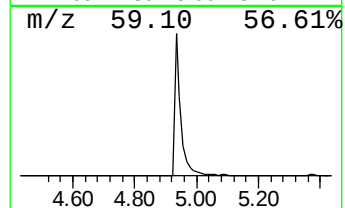
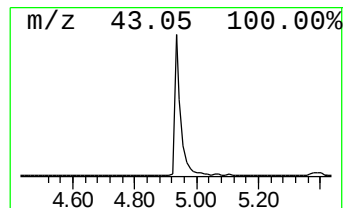
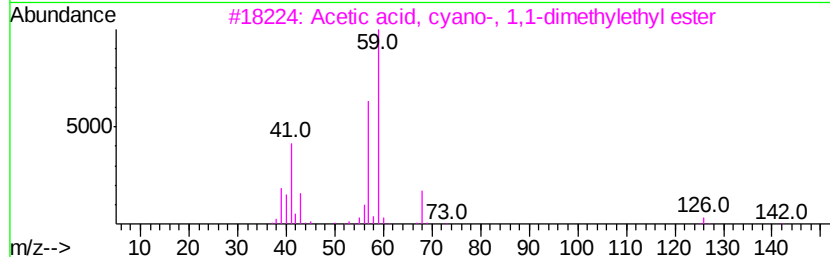
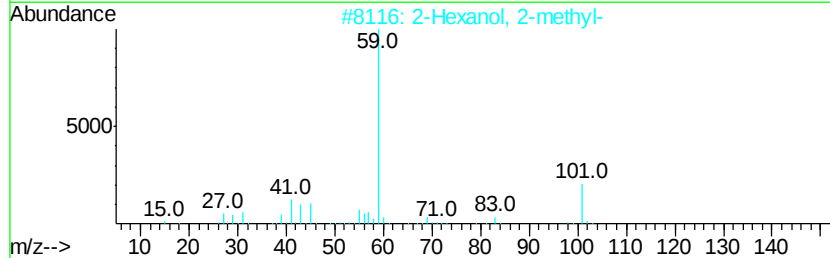
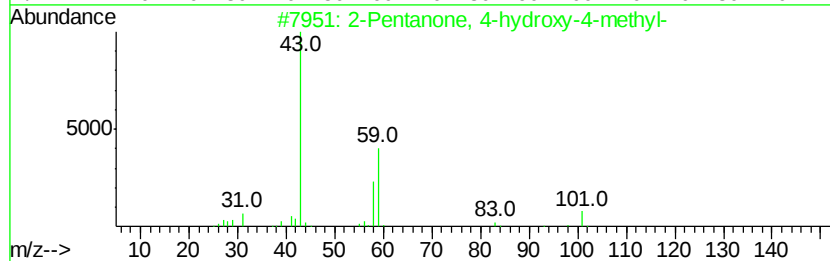
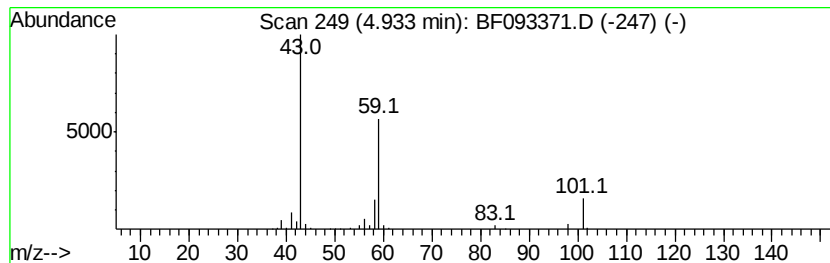
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 4.93 | 5.88 ng | 328202 | 1,4-Dichlorobenzene-d4 | 6.78 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    |   | 2-Hexanol, 2-methyl-                 | 116 | C7H16O   | 000625-23-0 | 28   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 4    |    |   | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6 | 10   |
| 5    |    |   | 3-Hydroxy-3-methyl-2-butanone        | 102 | C5H10O2  | 000115-22-0 | 9    |



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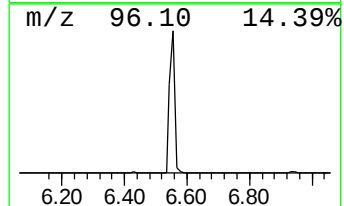
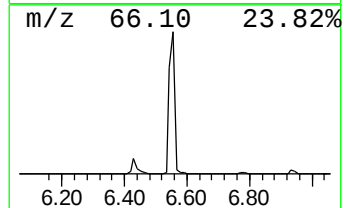
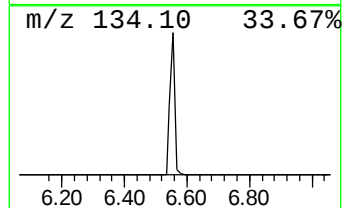
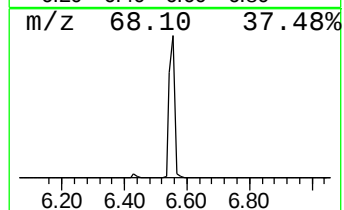
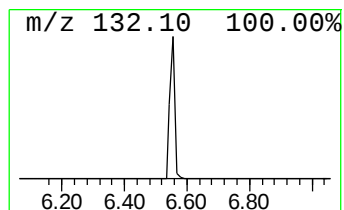
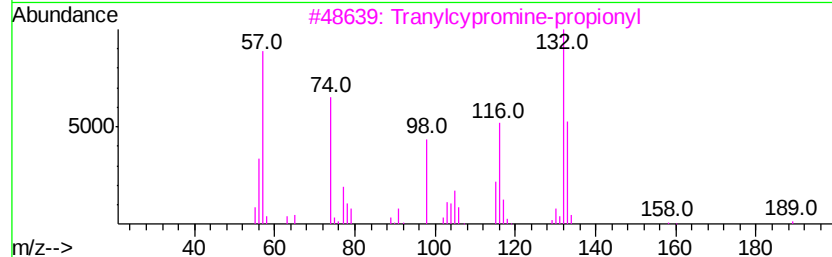
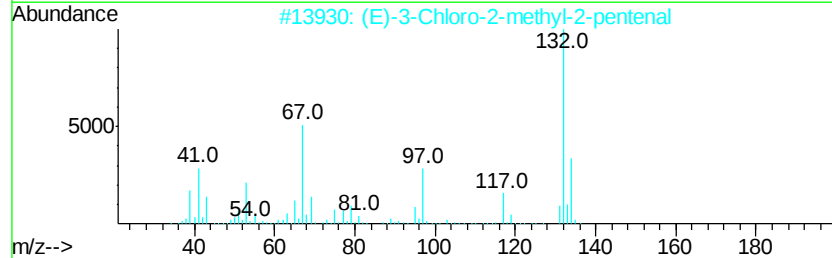
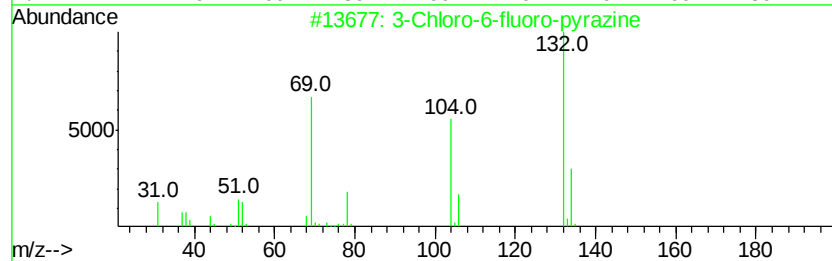
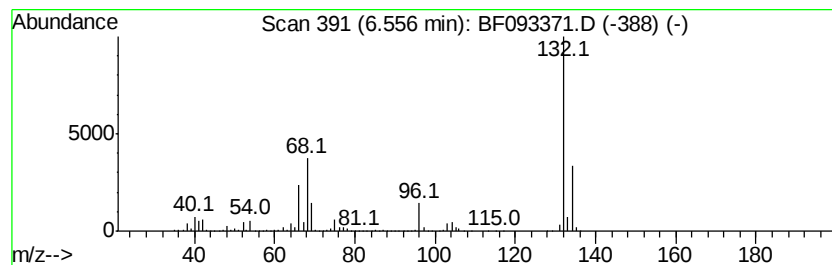
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Peak Number 3 unknown6.56 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.56 | 78.61 ng | 4390430 | 1,4-Dichlorobenzene-d4 | 6.78 |

| 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 | 16   |
| 4    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 16   |
| 5    |    | 4-Methylpyrrolo[1,2-a]pyrazine   | 132 | C8H8N2    | 064608-60-2  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| 2-Pentanone, 4-hy... | 4.93 | 5.9     | ng    | 328202   | 1                     | 6.78 | 1117010 | 20.0 |
| unknown6.56          | 6.56 | 78.6    | ng    | 4390430  | 1                     | 6.78 | 1117010 | 20.0 |