

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF080416\  
 Data File : BF089620.D  
 Acq On : 5 Aug 2016 9:12  
 Operator : UM/SJ  
 Sample : H4288-26  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GW-67-6.4-15.0

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-BF080416.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         | 1.678       | 6             | 8           | 61           | rVB      | 1801130        | 3224860       | 100.00%         | 26.504%       |
| 2         | 4.650       | 265           | 268         | 281          | rBV      | 38213          | 88317         | 2.74%           | 0.726%        |
| 3         | 5.336       | 325           | 328         | 345          | rBV      | 164910         | 454037        | 14.08%          | 3.732%        |
| 4         | 6.982       | 470           | 472         | 479          | rBV      | 109405         | 280471        | 8.70%           | 2.305%        |
| 5         | 7.085       | 479           | 481         | 497          | rVB      | 588301         | 993615        | 30.81%          | 8.166%        |
| 6         | 7.450       | 511           | 513         | 530          | rBV      | 102838         | 228677        | 7.09%           | 1.879%        |
| 7         | 7.679       | 530           | 533         | 560          | rVB      | 652024         | 939844        | 29.14%          | 7.724%        |
| 8         | 8.353       | 590           | 592         | 610          | rBV      | 454422         | 750847        | 23.28%          | 6.171%        |
| 9         | 9.473       | 687           | 690         | 712          | rBV      | 197947         | 344753        | 10.69%          | 2.833%        |
| 10        | 11.256      | 842           | 846         | 848          | rBV      | 1016127        | 1480308       | 45.90%          | 12.166%       |
| 11        | 12.297      | 934           | 937         | 948          | rBB      | 251002         | 413292        | 12.82%          | 3.397%        |
| 12        | 13.577      | 1047          | 1049        | 1062         | rBV      | 494849         | 800583        | 24.83%          | 6.580%        |
| 13        | 14.685      | 1144          | 1146        | 1156         | rVB      | 269400         | 374371        | 11.61%          | 3.077%        |
| 14        | 17.051      | 1350          | 1353        | 1356         | rBV      | 1082208        | 1312716       | 40.71%          | 10.789%       |
| 15        | 18.389      | 1467          | 1470        | 1476         | rBV      | 156149         | 275007        | 8.53%           | 2.260%        |
| 16        | 20.046      | 1612          | 1615        | 1622         | rBV      | 140738         | 205725        | 6.38%           | 1.691%        |

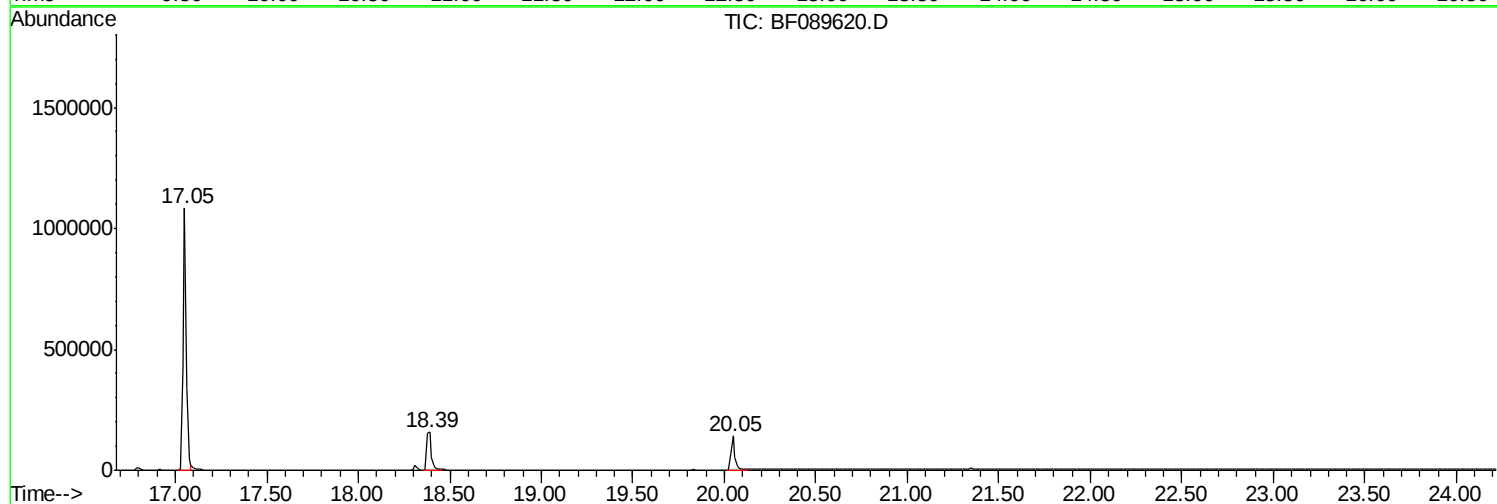
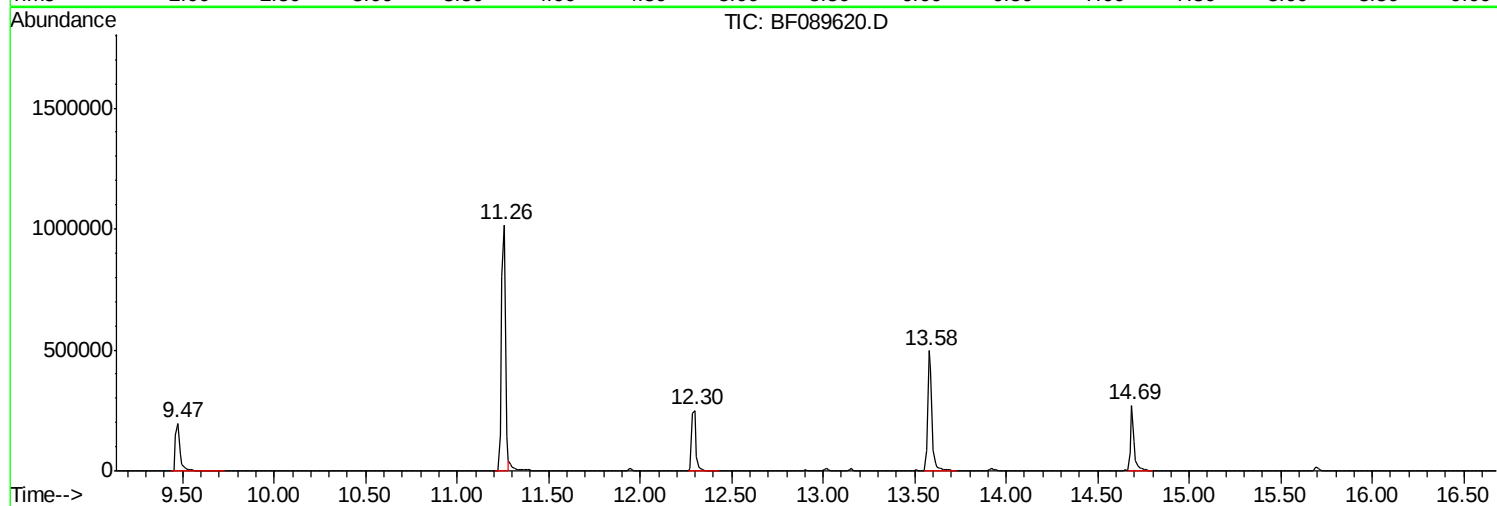
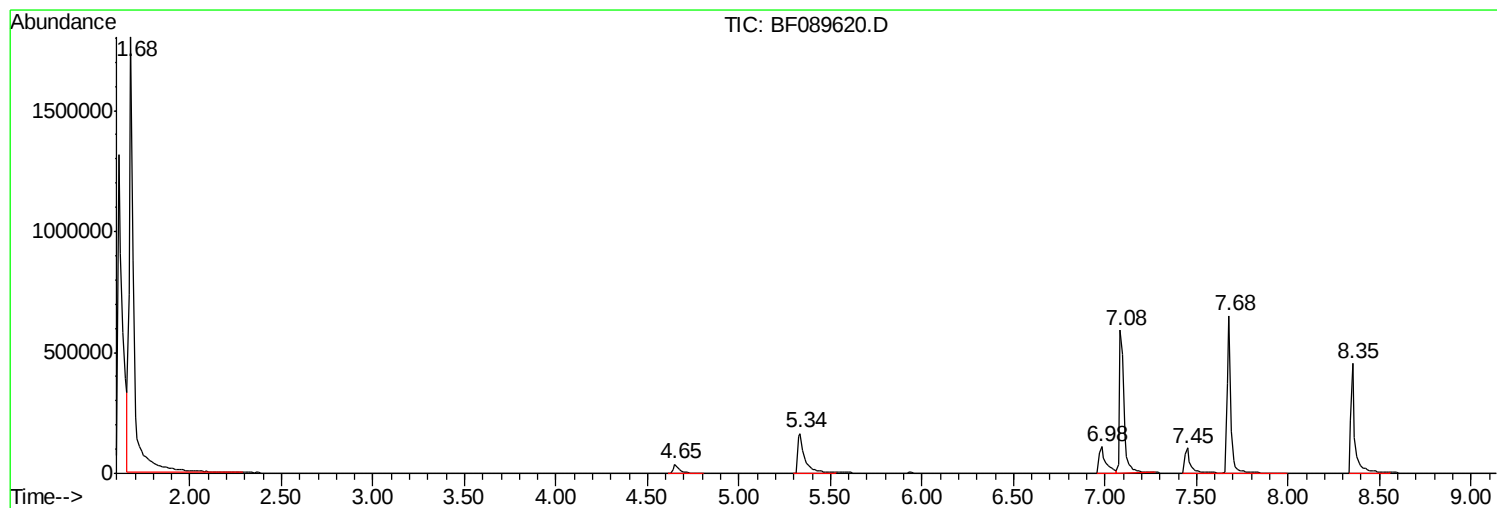
Sum of corrected areas: 12167423

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080416.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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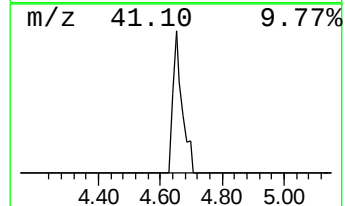
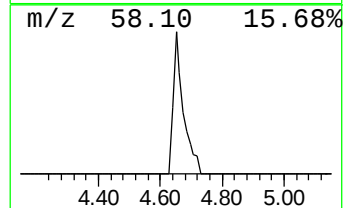
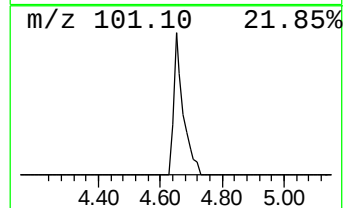
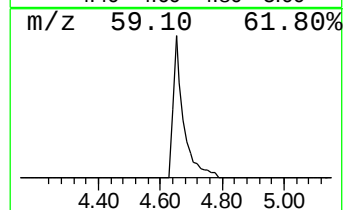
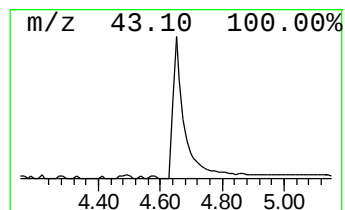
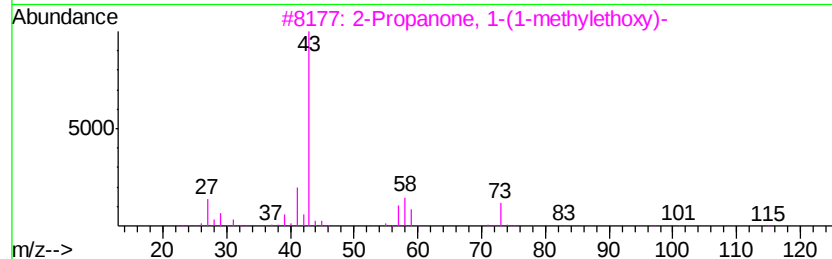
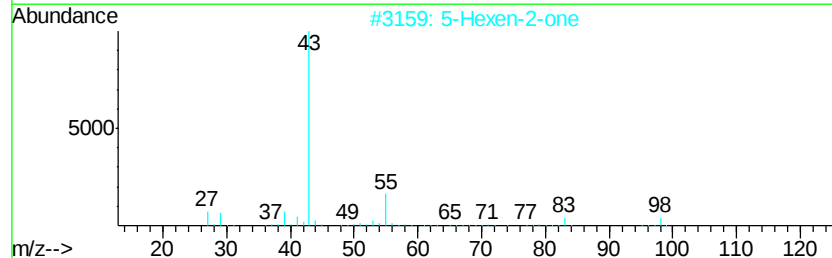
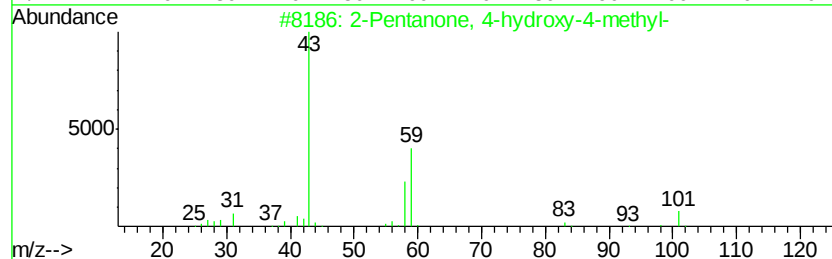
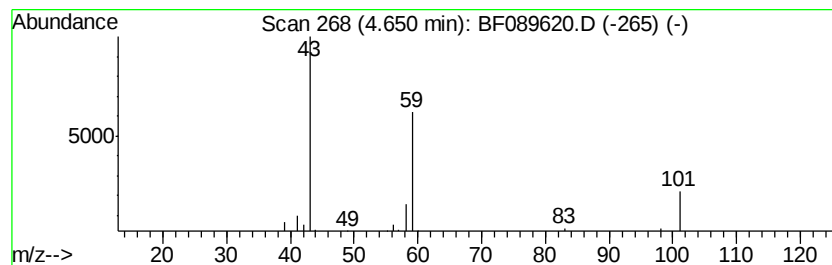
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TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 4.65 | 7.72 ng | 88317 | 1,4-Dichlorobenzene-d4 | 7.45 |

| Hit# | of | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    | 5-Hexen-2-one                      | 98  | C6H10O   | 000109-49-9 | 9    |
| 3    |    | 2-Propanone, 1-(1-methylethoxy)-   | 116 | C6H12O2  | 042781-12-4 | 9    |
| 4    |    | 1-Propen-2-ol, acetate             | 100 | C5H8O2   | 000108-22-5 | 9    |
| 5    |    | Acetic acid, cyano-, 1,1-dimethyl- | 141 | C7H11NO2 | 001116-98-9 | 9    |



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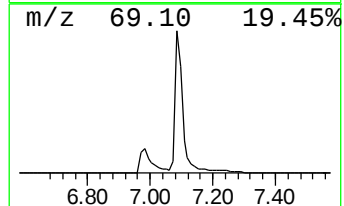
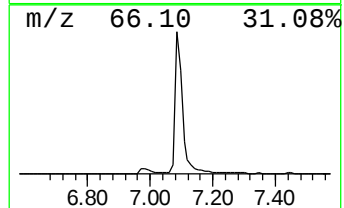
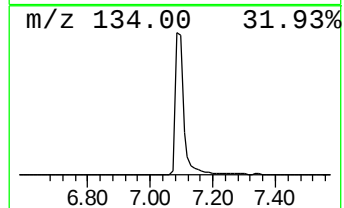
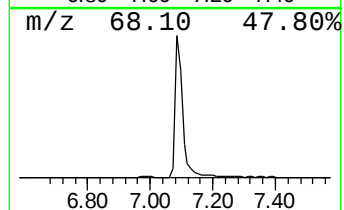
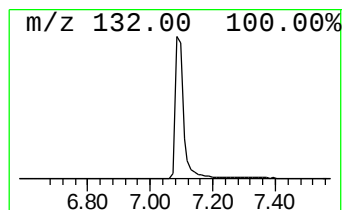
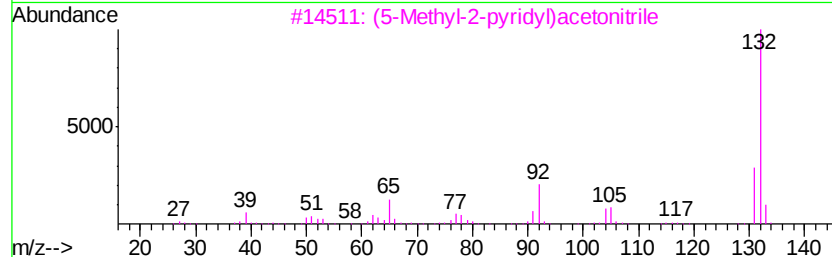
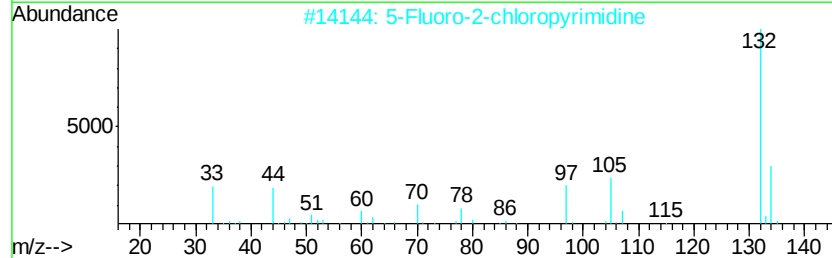
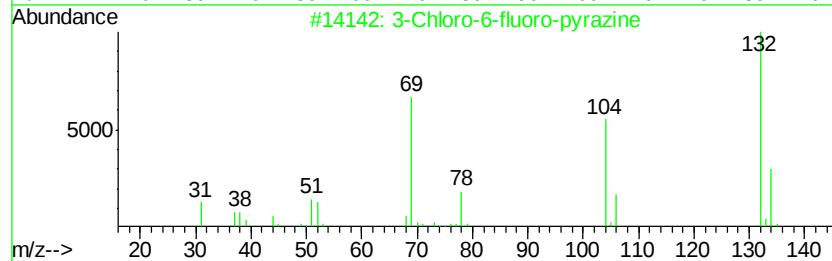
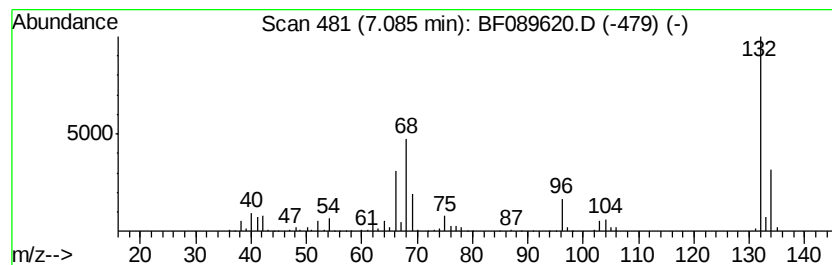
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Peak Number 3 unknown7.08 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.08 | 86.90 ng | 993615 | 1,4-Dichlorobenzene-d4 | 7.45 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 3    |    | (5-Methyl-2-pyridyl)acetonitrile | 132 | C8H8N2    | 1000241-93-9 | 10   |
| 4    |    | Tranvlcyproamine-propionyl       | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | Cyclopropanamine, 1-phenyl-      | 133 | C9H11N    | 1000351-26-2 | 10   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.65 | 7.7     | ng    | 88317    | 1                     | 7.45 | 228677 | 20.0 |
| unknown7.08          | 7.08 | 86.9    | ng    | 993615   | 1                     | 7.45 | 228677 | 20.0 |