

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072715\  
 Data File : BF080698.D  
 Acq On : 28 Jul 2015 4:55  
 Operator : TP/UM  
 Sample : G2973-17  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FB

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072715.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         | 2.190       | 3             | 9           | 11           | rVB6     | 8452           | 25104         | 2.03%           | 0.253%        |
| 2         | 2.658       | 46            | 50          | 53           | rBV      | 6362           | 14354         | 1.16%           | 0.145%        |
| 3         | 4.453       | 204           | 207         | 210          | rBV      | 312749         | 376912        | 30.51%          | 3.806%        |
| 4         | 5.093       | 261           | 263         | 271          | rVB      | 146526         | 203742        | 16.49%          | 2.057%        |
| 5         | 5.516       | 297           | 300         | 302          | rBV      | 1063123        | 1130868       | 91.53%          | 11.418%       |
| 6         | 6.533       | 387           | 389         | 392          | rBV      | 849073         | 913840        | 73.96%          | 9.227%        |
| 7         | 6.682       | 400           | 402         | 405          | rVB      | 998812         | 1126522       | 91.18%          | 11.374%       |
| 8         | 6.922       | 421           | 423         | 426          | rVB      | 496287         | 453225        | 36.68%          | 4.576%        |
| 9         | 7.082       | 434           | 437         | 439          | rBV      | 1141086        | 927245        | 75.05%          | 9.362%        |
| 10        | 7.482       | 470           | 472         | 474          | rBV      | 1004849        | 784613        | 63.50%          | 7.922%        |
| 11        | 8.213       | 534           | 536         | 538          | rVB      | 506628         | 533845        | 43.21%          | 5.390%        |
| 12        | 9.288       | 627           | 630         | 632          | rBV      | 1440148        | 1235514       | 100.00%         | 12.475%       |
| 13        | 9.962       | 687           | 689         | 692          | rVB      | 599361         | 535016        | 43.30%          | 5.402%        |
| 14        | 10.751      | 755           | 758         | 760          | rBV      | 597381         | 531158        | 42.99%          | 5.363%        |
| 15        | 11.448      | 817           | 819         | 822          | rBV      | 439087         | 378173        | 30.61%          | 3.818%        |
| 16        | 13.082      | 959           | 962         | 964          | rBV      | 596375         | 552512        | 44.72%          | 5.579%        |
| 17        | 14.259      | 1063          | 1065        | 1068         | rVB      | 98592          | 110372        | 8.93%           | 1.114%        |
| 18        | 15.951      | 1210          | 1213        | 1215         | rBV      | 51259          | 71155         | 5.76%           | 0.718%        |

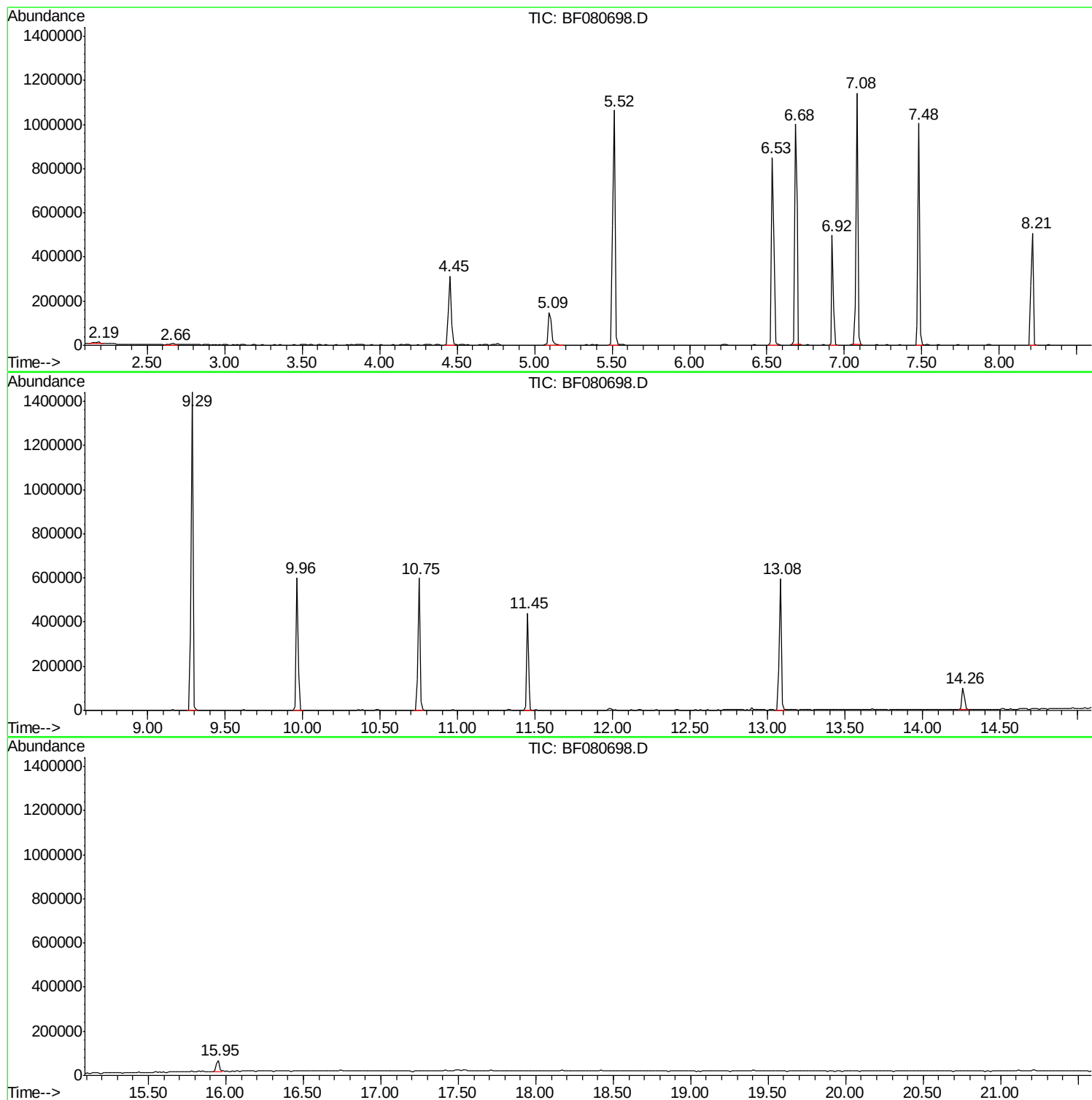
Sum of corrected areas: 9904170

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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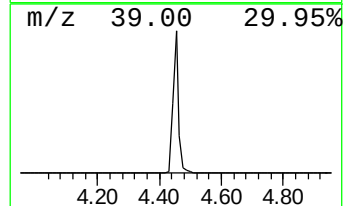
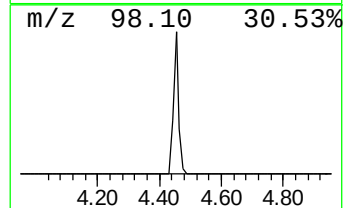
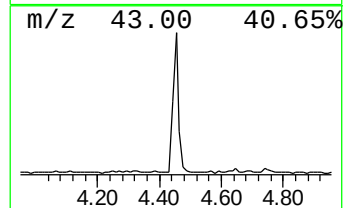
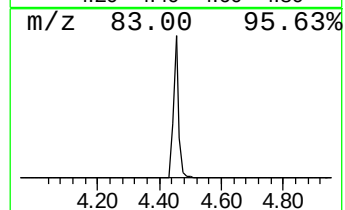
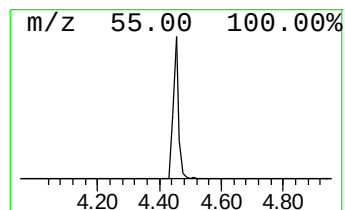
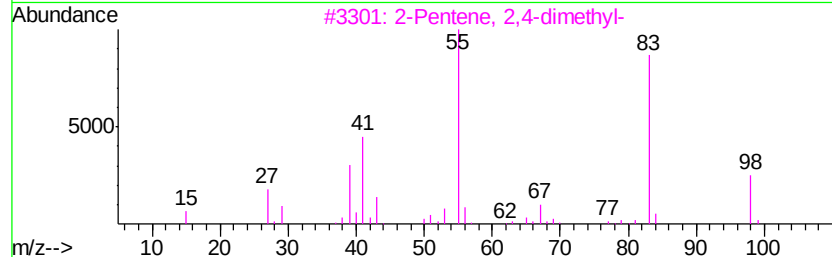
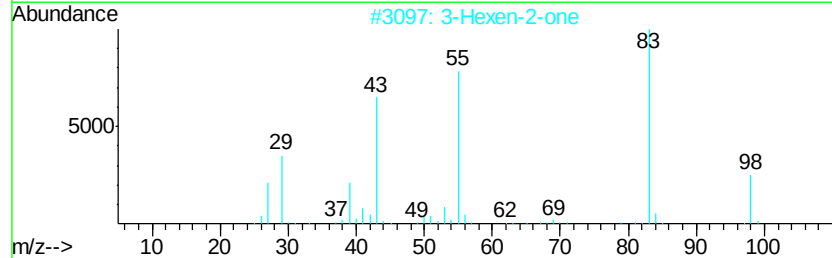
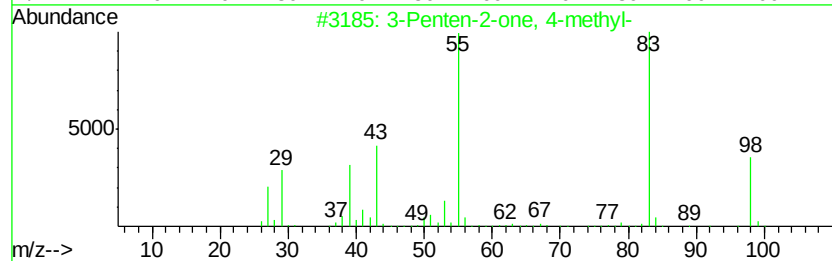
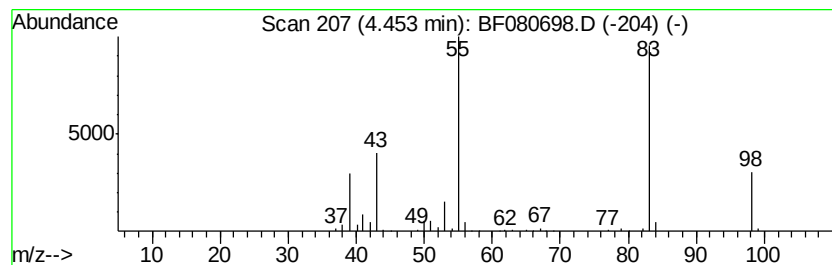
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072715.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.45 | 16.63 ng | 376912 | 1,4-Dichlorobenzene-d4 | 6.92 |

| Hit# | of | 5 | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|----|---------|-------------|------|
| 1    |    |   | 3-Penten-2-one, 4-methyl-      | 98 | C6H10O  | 000141-79-7 | 91   |
| 2    |    |   | 3-Hexen-2-one                  | 98 | C6H10O  | 000763-93-9 | 90   |
| 3    |    |   | 2-Pentene, 2,4-dimethyl-       | 98 | C7H14   | 000625-65-0 | 86   |
| 4    |    |   | 2-Pentene, 3,4-dimethyl-, (Z)- | 98 | C7H14   | 004914-91-4 | 78   |
| 5    |    |   | 2-Pentene, 4,4-dimethyl-       | 98 | C7H14   | 026232-98-4 | 72   |



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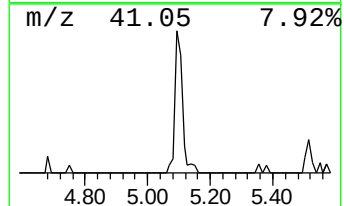
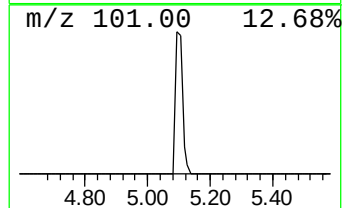
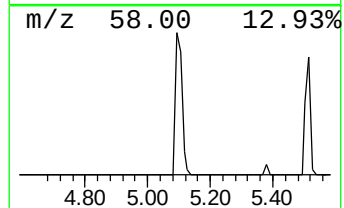
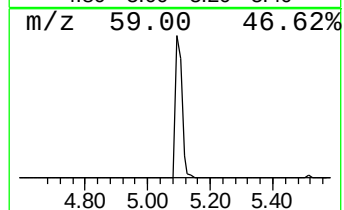
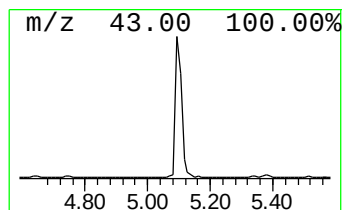
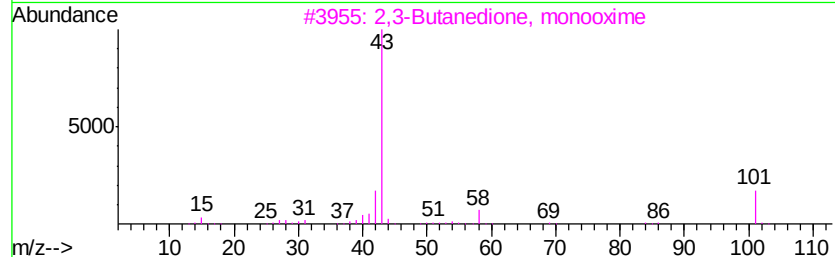
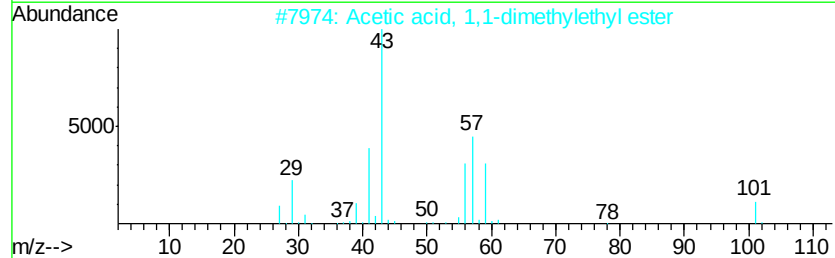
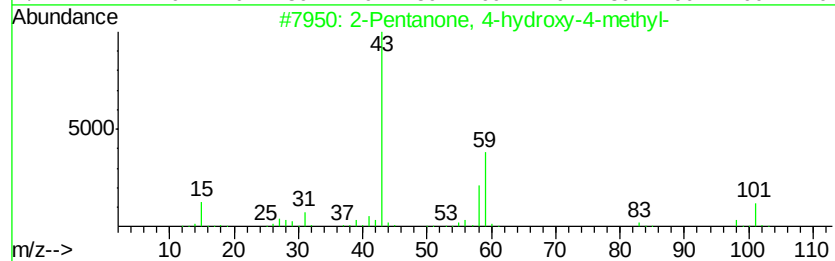
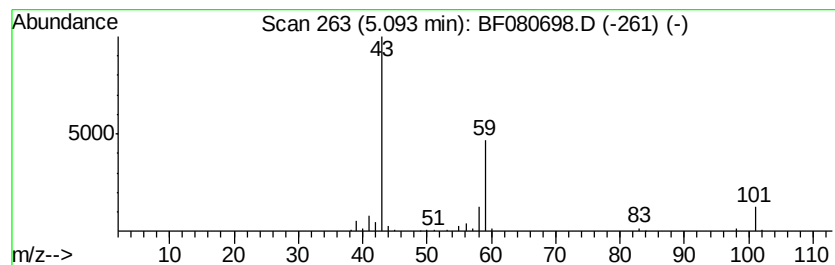
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TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.09 | 8.99 ng | 203742 | 1,4-Dichlorobenzene-d4 | 6.92 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 50   |
| 2    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 28   |
| 3    |    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2 | 000057-71-6 | 16   |
| 4    |    | Propylamine                         | 59  | C3H9N   | 000107-10-8 | 9    |
| 5    |    | Diacetamide                         | 101 | C4H7NO2 | 000625-77-4 | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 3-Penten-2-one, 4... | 4.45 | 16.6    | ng    | 376912   | 1                     | 6.92 | 453225 | 20.0 |
| 2-Pentanone, 4-hy... | 5.09 | 9.0     | ng    | 203742   | 1                     | 6.92 | 453225 | 20.0 |