

Data Path : Z:\HPCHEM1\BNA F\Data\BF040517\  
 Data File : BF094210.D  
 Acq On : 6 Apr 2017 00:52  
 Operator : SJ/MA  
 Sample : I2522-09 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BASING-5(0-2)

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-BF032217.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         | 3.981       | 353           | 356         | 365          | rBV      | 113491         | 115211        | 8.39%           | 0.904%        |
| 2         | 4.387       | 421           | 425         | 437          | rVB      | 908745         | 790867        | 57.62%          | 6.203%        |
| 3         | 5.457       | 603           | 607         | 614          | rBV      | 836506         | 816965        | 59.52%          | 6.408%        |
| 4         | 5.604       | 628           | 632         | 636          | rBV      | 990602         | 863640        | 62.92%          | 6.774%        |
| 5         | 5.863       | 672           | 676         | 680          | rBV      | 1195617        | 1042389       | 75.94%          | 8.176%        |
| 6         | 6.039       | 702           | 706         | 710          | rBV      | 772942         | 670451        | 48.84%          | 5.259%        |
| 7         | 6.504       | 776           | 785         | 789          | rBV      | 558872         | 506895        | 36.93%          | 3.976%        |
| 8         | 7.369       | 927           | 932         | 935          | rBV      | 1459221        | 1360424       | 99.11%          | 10.671%       |
| 9         | 7.927       | 1022          | 1027        | 1031         | rBV3     | 16330          | 17607         | 1.28%           | 0.138%        |
| 10        | 8.133       | 1057          | 1062        | 1066         | rBV6     | 9141           | 14713         | 1.07%           | 0.115%        |
| 11        | 8.686       | 1152          | 1156        | 1160         | rVB      | 1086983        | 954454        | 69.53%          | 7.486%        |
| 12        | 9.186       | 1238          | 1241        | 1244         | rBV      | 47565          | 42645         | 3.11%           | 0.334%        |
| 13        | 9.222       | 1245          | 1247        | 1250         | rVB3     | 14856          | 14895         | 1.09%           | 0.117%        |
| 14        | 9.504       | 1288          | 1295        | 1300         | rBV2     | 1316302        | 1372650       | 100.00%         | 10.766%       |
| 15        | 10.098      | 1393          | 1396        | 1400         | rVB      | 30335          | 28395         | 2.07%           | 0.223%        |
| 16        | 10.374      | 1436          | 1443        | 1447         | rBV      | 20532          | 29780         | 2.17%           | 0.234%        |
| 17        | 10.474      | 1456          | 1460        | 1467         | rBV      | 413774         | 388720        | 28.32%          | 3.049%        |
| 18        | 10.680      | 1493          | 1495        | 1497         | rBV      | 31725          | 35246         | 2.57%           | 0.276%        |
| 19        | 10.704      | 1497          | 1499        | 1502         | rVB2     | 27939          | 28001         | 2.04%           | 0.220%        |
| 20        | 11.239      | 1587          | 1590        | 1593         | rBV      | 22551          | 21399         | 1.56%           | 0.168%        |
| 21        | 11.274      | 1593          | 1596        | 1600         | rVB3     | 18609          | 19918         | 1.45%           | 0.156%        |
| 22        | 11.327      | 1600          | 1605        | 1609         | rBV      | 1123259        | 1094231       | 79.72%          | 8.583%        |
| 23        | 12.639      | 1824          | 1828        | 1830         | rVB3     | 11254          | 14189         | 1.03%           | 0.111%        |
| 24        | 12.668      | 1830          | 1833        | 1837         | rBV5     | 11746          | 18211         | 1.33%           | 0.143%        |
| 25        | 12.751      | 1844          | 1847        | 1850         | rVB5     | 13806          | 16934         | 1.23%           | 0.133%        |
| 26        | 12.815      | 1855          | 1858        | 1862         | rVB      | 19037          | 23549         | 1.72%           | 0.185%        |
| 27        | 13.092      | 1902          | 1905        | 1909         | rVB      | 20446          | 21435         | 1.56%           | 0.168%        |
| 28        | 13.192      | 1920          | 1922        | 1924         | rBV3     | 12102          | 14918         | 1.09%           | 0.117%        |
| 29        | 13.304      | 1937          | 1941        | 1945         | rBV      | 650597         | 679689        | 49.52%          | 5.331%        |
| 30        | 13.657      | 1999          | 2001        | 2005         | rVB5     | 18098          | 17050         | 1.24%           | 0.134%        |
| 31        | 14.580      | 2153          | 2158        | 2162         | rBV      | 908874         | 969308        | 70.62%          | 7.603%        |
| 32        | 16.209      | 2431          | 2435        | 2442         | rVB      | 598515         | 744580        | 54.24%          | 5.840%        |

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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-BF032217.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

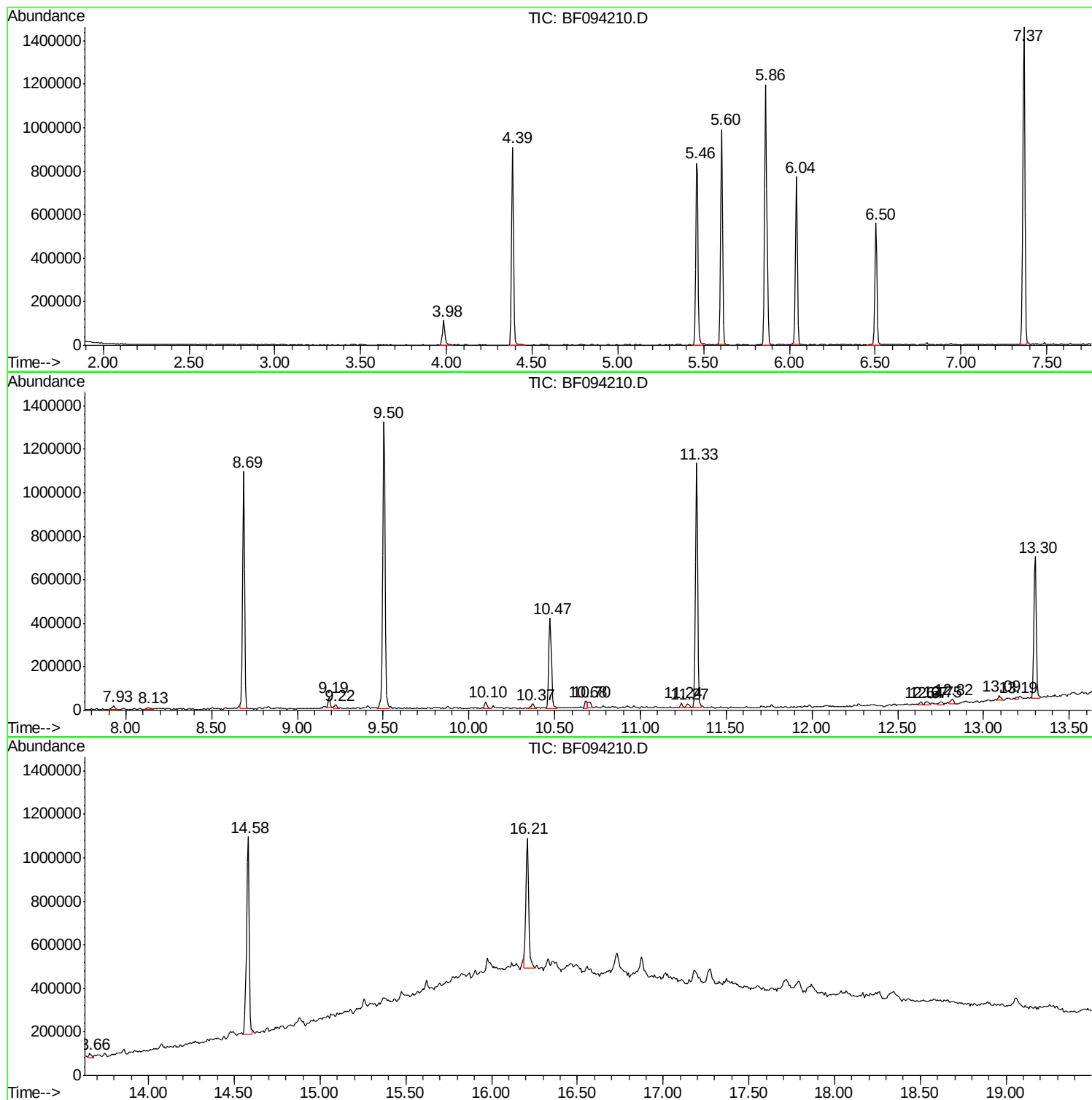
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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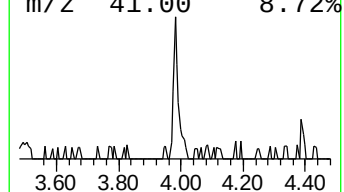
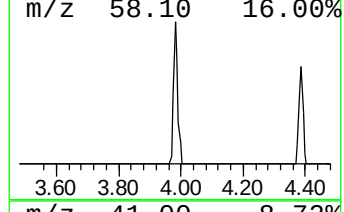
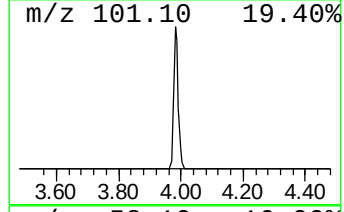
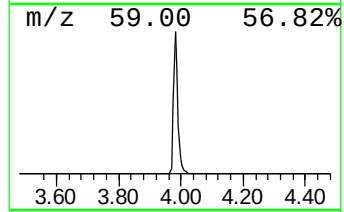
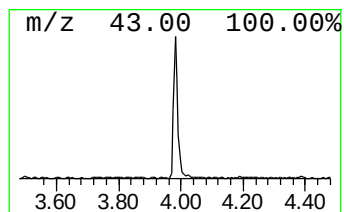
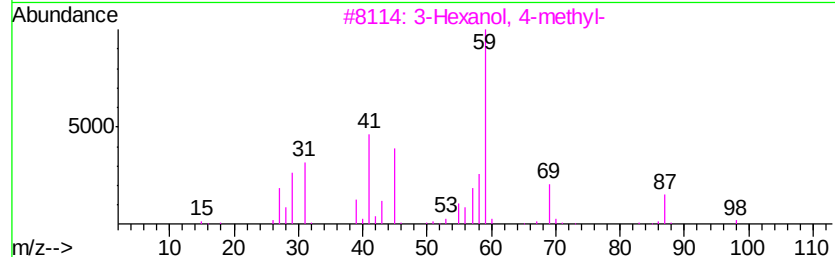
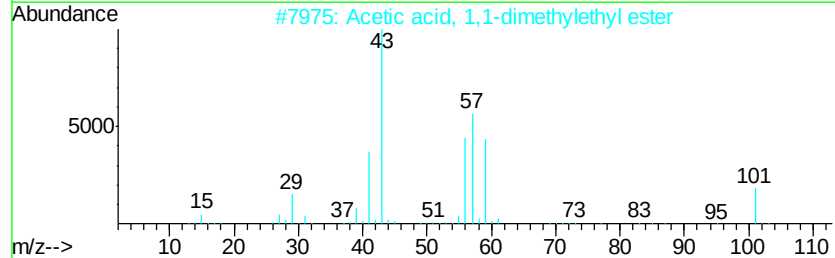
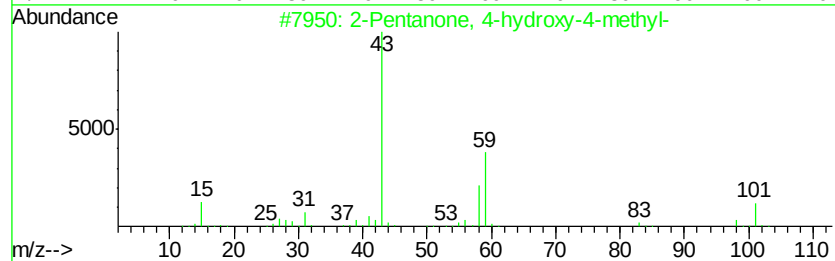
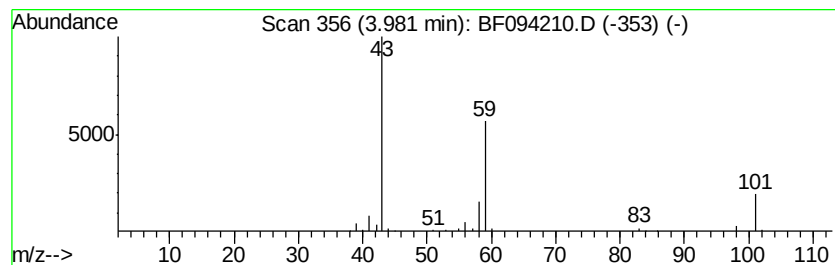
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|-------------|------|
| 3.98      | 2.21 ng                             | 115211 | 1,4-Dichlorobenzene-d4 | 5.86        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#        | Qual |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    | 116    | C6H12O2                | 000123-42-2 | 40   |
| 2         | Acetic acid, 1,1-dimethylethyl e... | 116    | C6H12O2                | 000540-88-5 | 39   |
| 3         | 3-Hexanol, 4-methyl-                | 116    | C7H16O                 | 000615-29-2 | 28   |
| 4         | Acetic acid, cyano-, 1,1-dimethy... | 141    | C7H11NO2               | 001116-98-9 | 17   |
| 5         | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101    | C4H7NO2                | 016504-58-8 | 9    |



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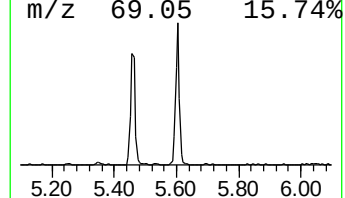
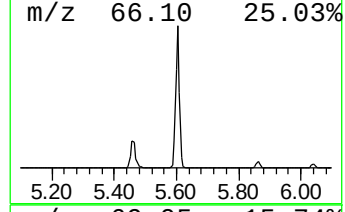
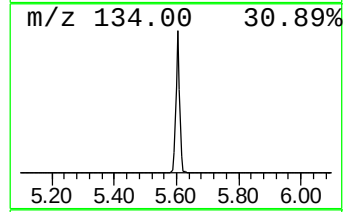
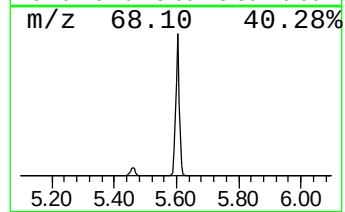
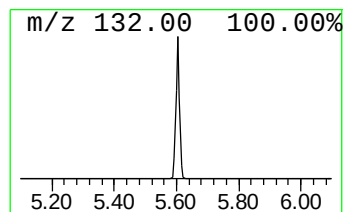
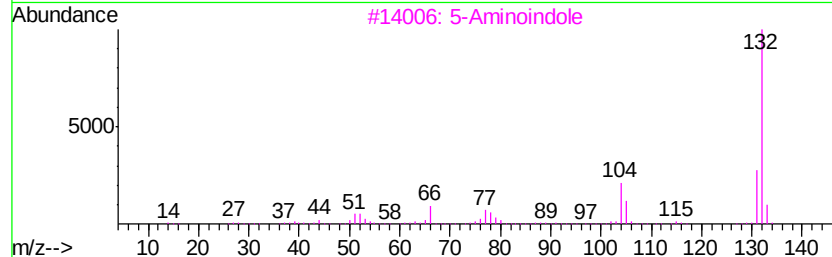
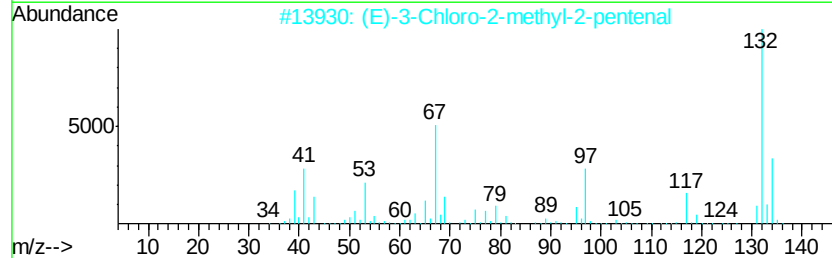
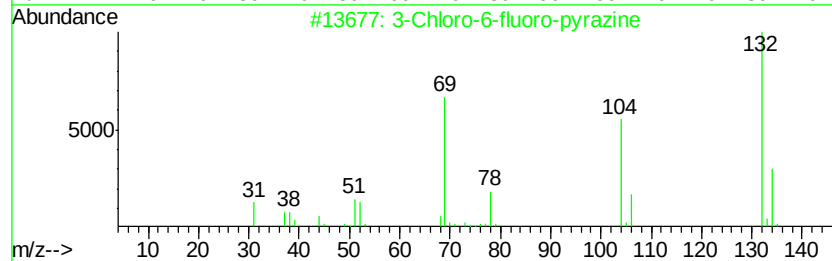
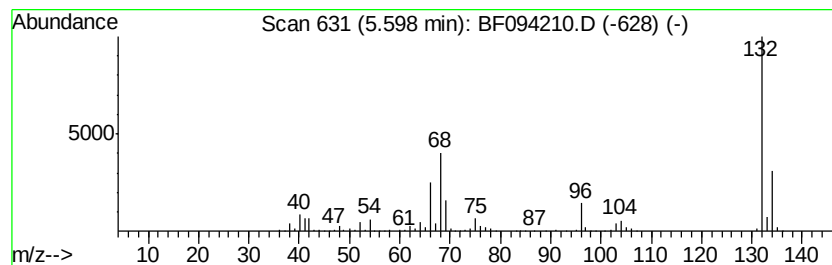
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown5.60 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.60 | 16.57 ng | 863640 | 1,4-Dichlorobenzene-d4 | 5.86 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 16   |
| 3    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| 2-Pentanone, 4-hy... | 3.98 | 2.2     | ng    | 115211   | 1                     | 5.86 | 1042390 | 20.0 |
| unknown5.60          | 5.60 | 16.6    | ng    | 863640   | 1                     | 5.86 | 1042390 | 20.0 |