

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF062018\  
 Data File : BF106635.D  
 Acq On : 20 Jun 2018 22:22  
 Operator : JU/SJ  
 Sample : J3498-07  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-G-D

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:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF061918.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         | 5.201       | 483           | 487         | 497          | rBV      | 160775         | 180963        | 9.30%           | 1.026%        |
| 2         | 5.607       | 553           | 556         | 566          | rBV      | 1718681        | 1656186       | 85.08%          | 9.388%        |
| 3         | 6.607       | 722           | 726         | 730          | rBV      | 1668772        | 1715167       | 88.11%          | 9.722%        |
| 4         | 6.742       | 744           | 749         | 752          | rBV      | 1838612        | 1738696       | 89.32%          | 9.855%        |
| 5         | 6.960       | 782           | 786         | 789          | rBV      | 706783         | 545546        | 28.03%          | 3.092%        |
| 6         | 7.119       | 809           | 813         | 816          | rBV      | 1527932        | 1372712       | 70.52%          | 7.781%        |
| 7         | 7.525       | 877           | 882         | 885          | rBV      | 1297840        | 1166909       | 59.95%          | 6.614%        |
| 8         | 8.242       | 1000          | 1004        | 1008         | rBV      | 865753         | 706100        | 36.27%          | 4.002%        |
| 9         | 9.319       | 1182          | 1187        | 1190         | rBV      | 2140524        | 1946630       | 100.00%         | 11.034%       |
| 10        | 9.707       | 1250          | 1253        | 1261         | rVB      | 256579         | 208060        | 10.69%          | 1.179%        |
| 11        | 9.913       | 1285          | 1288        | 1292         | rBV      | 27705          | 23969         | 1.23%           | 0.136%        |
| 12        | 10.001      | 1299          | 1303        | 1307         | rBV2     | 998769         | 814638        | 41.85%          | 4.618%        |
| 13        | 10.413      | 1371          | 1373        | 1376         | rVB      | 52527          | 37220         | 1.91%           | 0.211%        |
| 14        | 10.795      | 1434          | 1438        | 1441         | rBV      | 1489463        | 1314873       | 67.55%          | 7.453%        |
| 15        | 10.883      | 1450          | 1453        | 1459         | rBV      | 56546          | 57142         | 2.94%           | 0.324%        |
| 16        | 11.336      | 1526          | 1530        | 1533         | rBV      | 30403          | 28563         | 1.47%           | 0.162%        |
| 17        | 11.495      | 1553          | 1557        | 1560         | rBV      | 951134         | 794527        | 40.82%          | 4.504%        |
| 18        | 12.007      | 1638          | 1644        | 1649         | rBV3     | 35801          | 38696         | 1.99%           | 0.219%        |
| 19        | 12.883      | 1790          | 1793        | 1794         | rBV2     | 21928          | 21395         | 1.10%           | 0.121%        |
| 20        | 13.077      | 1822          | 1826        | 1829         | rBV      | 2000048        | 1777387       | 91.31%          | 10.075%       |
| 21        | 13.954      | 1972          | 1975        | 1979         | rBV      | 54744          | 57629         | 2.96%           | 0.327%        |
| 22        | 14.142      | 2003          | 2007        | 2013         | rBV      | 776058         | 704654        | 36.20%          | 3.994%        |
| 23        | 14.989      | 2149          | 2151        | 2154         | rVB      | 48599          | 45105         | 2.32%           | 0.256%        |
| 24        | 15.677      | 2263          | 2268        | 2278         | rVB      | 506874         | 689263        | 35.41%          | 3.907%        |

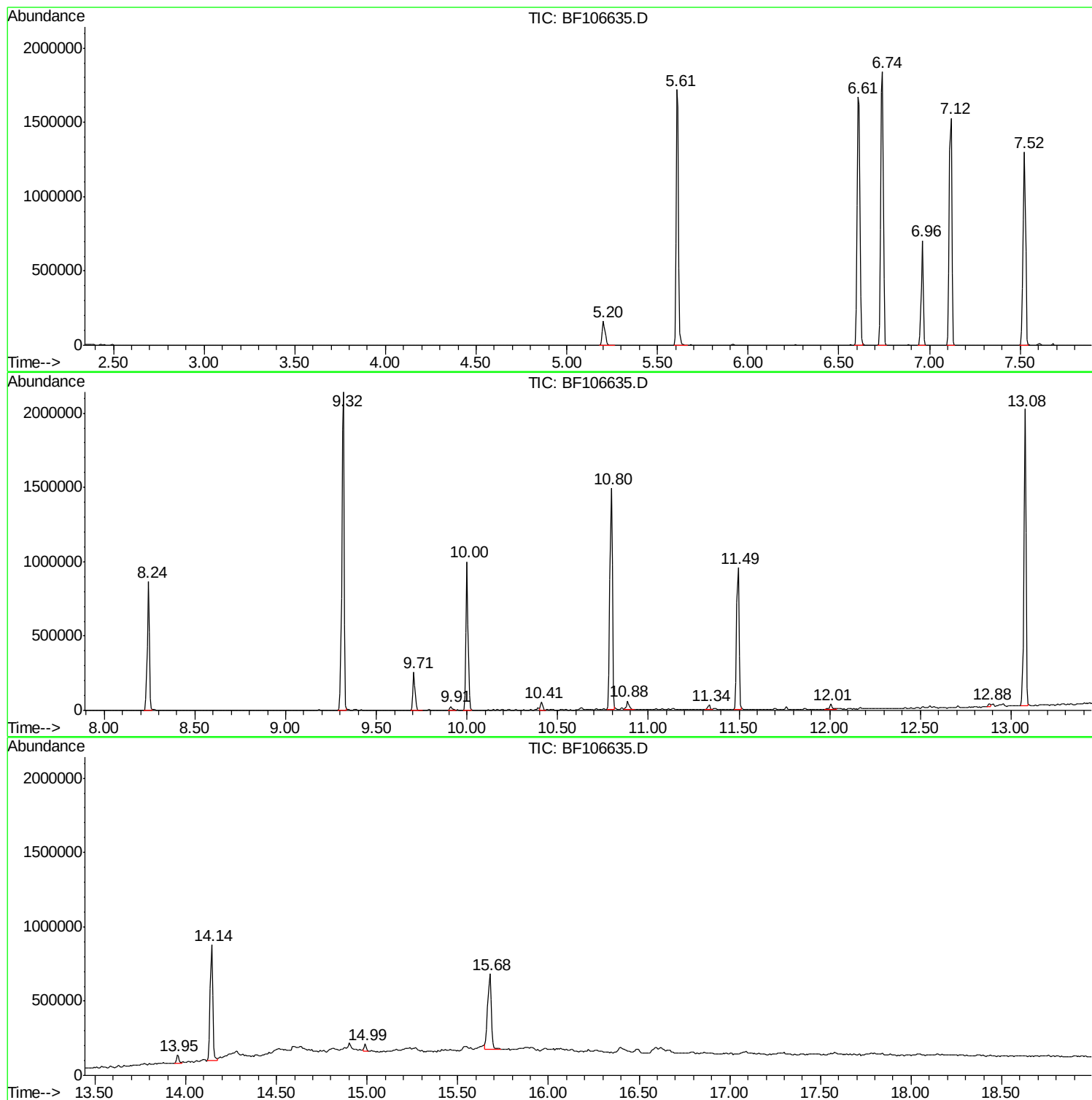
Sum of corrected areas: 17642030

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.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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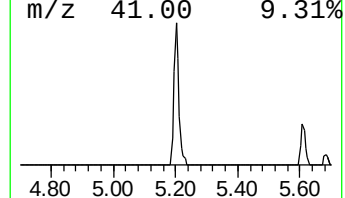
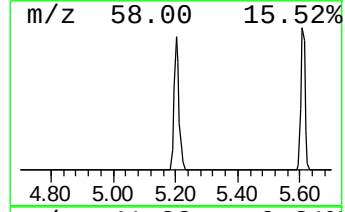
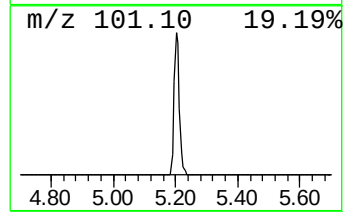
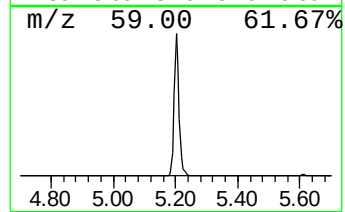
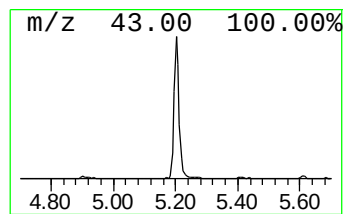
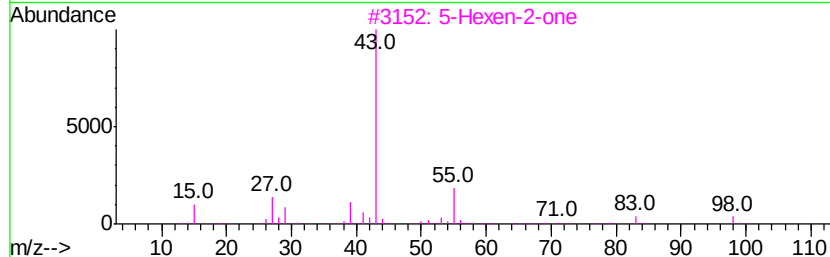
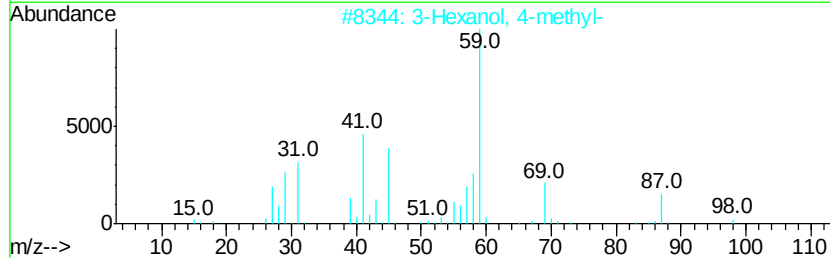
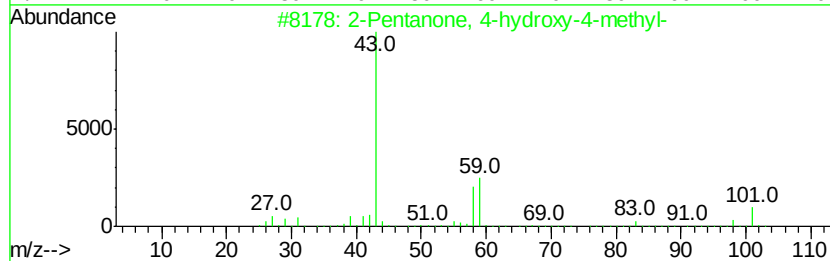
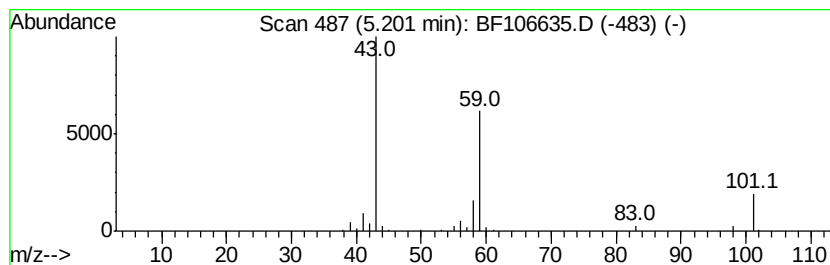
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.20 | 6.63 ng | 180963 | 1,4-Dichlorobenzene-d4 | 6.96 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64   |
| 2    |    |   | 3-Hexanol, 4-methyl-             | 116 | C7H16O  | 000615-29-2 | 28   |
| 3    |    |   | 5-Hexen-2-one                    | 98  | C6H10O  | 000109-49-9 | 9    |
| 4    |    |   | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 9    |
| 5    |    |   | Propane, 2-ethoxy-2-methyl-      | 102 | C6H14O  | 000637-92-3 | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.20 | 6.6     | ng    | 180963   | 1                     | 6.96 | 545546 | 20.0 |