

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF092518\  
 Data File : BF109296.D  
 Acq On : 25 Sep 2018 19:56  
 Operator : JU/SJ  
 Sample : J5070-06  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CS-RBR-200031

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-BF092218.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         | 4.910       | 476           | 480         | 489          | rBV      | 182948         | 251758        | 7.32%           | 0.998%        |
| 2         | 5.328       | 546           | 551         | 554          | rBV      | 2437909        | 2469163       | 71.79%          | 9.786%        |
| 3         | 6.351       | 720           | 725         | 728          | rBV      | 2358400        | 2355284       | 68.47%          | 9.335%        |
| 4         | 6.481       | 743           | 747         | 751          | rBV      | 2716976        | 2812202       | 81.76%          | 11.146%       |
| 5         | 6.710       | 783           | 786         | 790          | rBV      | 917214         | 710130        | 20.65%          | 2.814%        |
| 6         | 6.869       | 809           | 813         | 816          | rBV      | 2774887        | 2298382       | 66.82%          | 9.109%        |
| 7         | 7.275       | 876           | 882         | 885          | rBV      | 1950340        | 1847991       | 53.73%          | 7.324%        |
| 8         | 7.992       | 1000          | 1004        | 1007         | rBV      | 1149797        | 895841        | 26.04%          | 3.550%        |
| 9         | 9.069       | 1182          | 1187        | 1190         | rBV      | 3856326        | 3439649       | 100.00%         | 13.632%       |
| 10        | 9.739       | 1297          | 1301        | 1305         | rBV2     | 1165398        | 998558        | 29.03%          | 3.958%        |
| 11        | 10.528      | 1431          | 1435        | 1452         | rBV      | 2086079        | 1920851       | 55.84%          | 7.613%        |
| 12        | 11.216      | 1549          | 1552        | 1556         | rBV      | 970549         | 927388        | 26.96%          | 3.675%        |
| 13        | 12.804      | 1817          | 1822        | 1825         | rBV      | 3277690        | 2927527       | 85.11%          | 11.603%       |
| 14        | 13.845      | 1995          | 1999        | 2002         | rBV      | 872417         | 766079        | 22.27%          | 3.036%        |
| 15        | 15.251      | 2233          | 2238        | 2242         | rVB      | 513025         | 610893        | 17.76%          | 2.421%        |

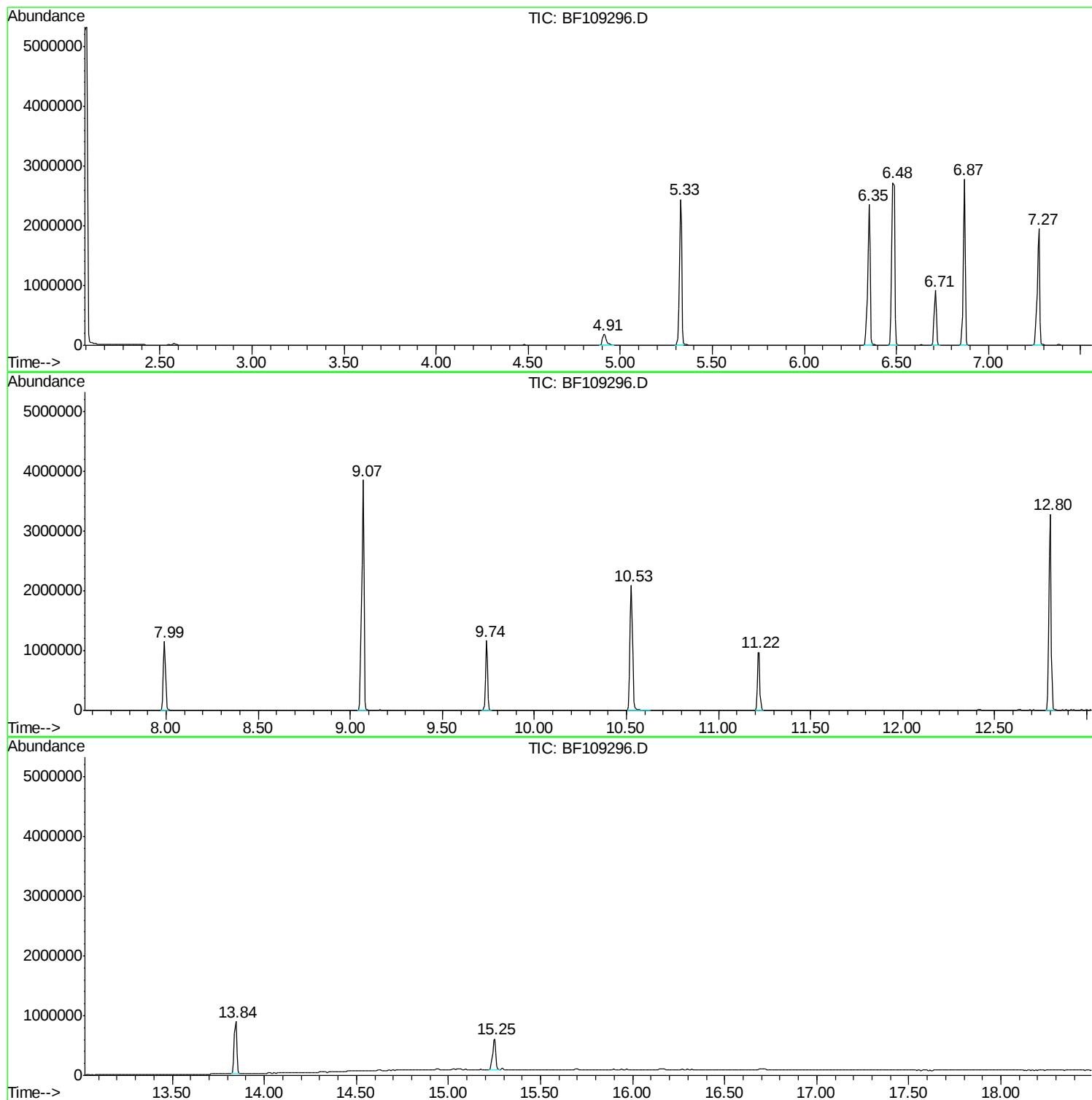
Sum of corrected areas: 25231696

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.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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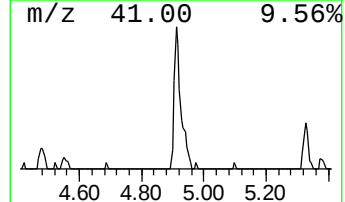
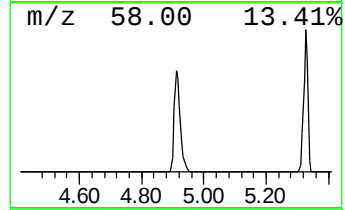
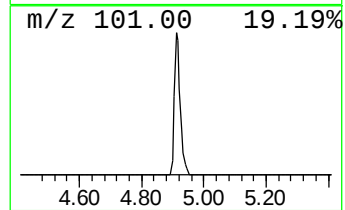
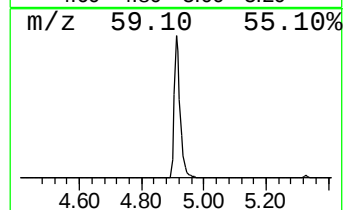
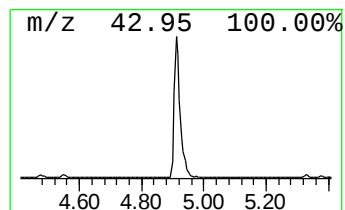
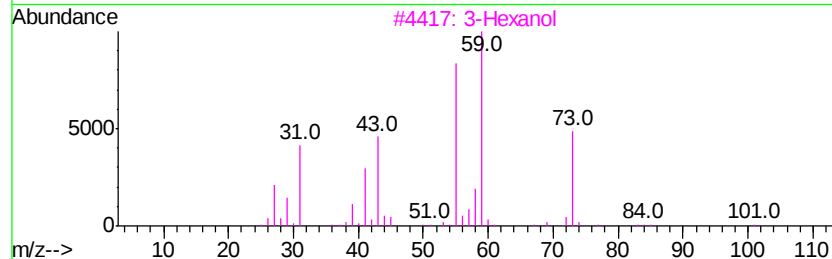
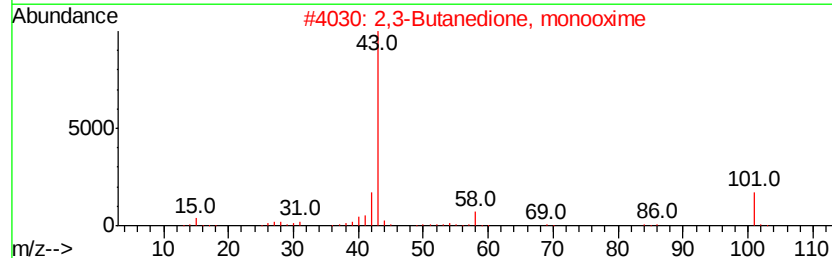
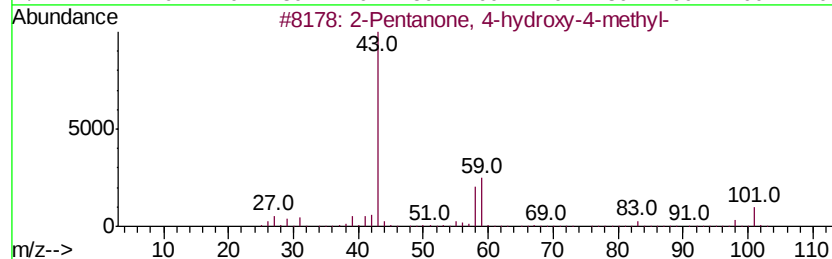
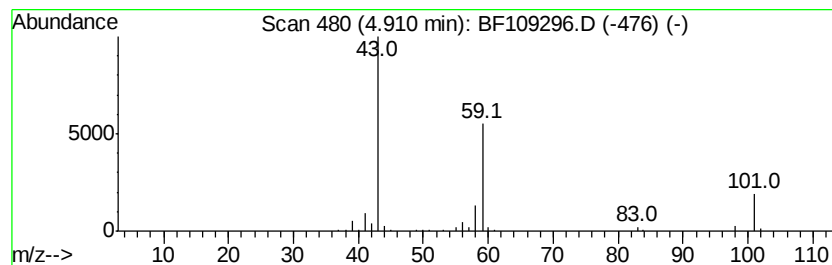
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|--------|------------------------|------|
| 4.91 | 7.09 ng | 251758 | 1,4-Dichlorobenzene-d4 | 6.71 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    |   | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6 | 35   |
| 3    |    |   | 3-Hexanol                            | 102 | C6H14O   | 000623-37-0 | 28   |
| 4    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 5    |    |   | Morpholine, 4-methyl-                | 101 | C5H11NO  | 000109-02-4 | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.91 | 7.1 ng  |       | 251758   | 1                     | 6.71 | 710130 | 20.0 |