

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\  
 Data File : BF092635.D  
 Acq On : 30 Jan 2017 15:55  
 Operator : SJ/MA  
 Sample : I1305-25  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 0036

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-BF013017.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         | 2.213       | 8             | 11          | 19           | rVB2     | 58508          | 130248        | 1.23%           | 0.062%        |
| 2         | 3.424       | 109           | 117         | 129          | rBV      | 910736         | 3068182       | 29.08%          | 1.469%        |
| 3         | 5.162       | 265           | 269         | 275          | rBV      | 1525410        | 2355939       | 22.33%          | 1.128%        |
| 4         | 5.584       | 302           | 306         | 308          | rBV      | 4503592        | 5231040       | 49.59%          | 2.504%        |
| 5         | 6.613       | 392           | 396         | 398          | rBV      | 3952145        | 5049410       | 47.87%          | 2.417%        |
| 6         | 6.705       | 401           | 404         | 405          | rBV      | 2967923        | 3399035       | 32.22%          | 1.627%        |
| 7         | 6.739       | 405           | 407         | 409          | rVB      | 4384540        | 4912934       | 46.57%          | 2.351%        |
| 8         | 6.899       | 419           | 421         | 424          | rBV      | 1345087        | 1319503       | 12.51%          | 0.632%        |
| 9         | 6.979       | 424           | 428         | 431          | rBV2     | 3514823        | 4457677       | 42.26%          | 2.134%        |
| 10        | 7.139       | 438           | 442         | 445          | rBV2     | 5453281        | 8874713       | 84.13%          | 4.248%        |
| 11        | 7.390       | 459           | 464         | 466          | rBV      | 3804934        | 6529180       | 61.89%          | 3.125%        |
| 12        | 7.482       | 469           | 472         | 474          | rBV      | 3752538        | 3773962       | 35.78%          | 1.806%        |
| 13        | 7.539       | 474           | 477         | 480          | rVV2     | 2852023        | 4746132       | 44.99%          | 2.272%        |
| 14        | 7.790       | 495           | 499         | 502          | rBV      | 4670371        | 5732475       | 54.34%          | 2.744%        |
| 15        | 7.996       | 514           | 517         | 520          | rBV      | 1333271        | 2044991       | 19.39%          | 0.979%        |
| 16        | 8.190       | 531           | 534         | 537          | rBV      | 3008994        | 4210701       | 39.92%          | 2.015%        |
| 17        | 8.282       | 537           | 542         | 544          | rVV2     | 6103715        | 8564686       | 81.19%          | 4.099%        |
| 18        | 8.773       | 582           | 585         | 587          | rVB      | 138921         | 199838        | 1.89%           | 0.096%        |
| 19        | 8.968       | 599           | 602         | 605          | rBV      | 4824693        | 5229035       | 49.57%          | 2.503%        |
| 20        | 9.116       | 612           | 615         | 618          | rBV      | 2542372        | 2795892       | 26.50%          | 1.338%        |
| 21        | 9.333       | 630           | 634         | 636          | rBV      | 5248386        | 5934217       | 56.25%          | 2.840%        |
| 22        | 9.459       | 641           | 645         | 647          | rBV      | 5094789        | 5482470       | 51.97%          | 2.624%        |
| 23        | 9.871       | 678           | 681         | 684          | rBV      | 4509713        | 6137225       | 58.18%          | 2.937%        |
| 24        | 10.008      | 690           | 693         | 694          | rBV      | 1478962        | 1647628       | 15.62%          | 0.789%        |
| 25        | 10.053      | 694           | 697         | 699          | rVB      | 6985234        | 9365640       | 88.78%          | 4.483%        |
| 26        | 10.191      | 706           | 709         | 711          | rVB      | 1191442        | 1024391       | 9.71%           | 0.490%        |
| 27        | 10.431      | 726           | 730         | 732          | rBV      | 3016122        | 3215299       | 30.48%          | 1.539%        |
| 28        | 10.545      | 738           | 740         | 743          | rVB      | 3023546        | 3729819       | 35.36%          | 1.785%        |
| 29        | 10.671      | 748           | 751         | 753          | rBV      | 2905594        | 3114329       | 29.52%          | 1.491%        |
| 30        | 10.796      | 759           | 762         | 765          | rBV2     | 2348810        | 2754923       | 26.12%          | 1.319%        |
| 31        | 11.036      | 780           | 783         | 786          | rBV      | 3156595        | 3157185       | 29.93%          | 1.511%        |
| 32        | 11.391      | 807           | 814         | 816          | rBV      | 88624          | 115003        | 1.09%           | 0.055%        |
| 33        | 11.528      | 820           | 826         | 828          | rBV2     | 6104905        | 9174952       | 86.97%          | 4.391%        |
| 34        | 11.585      | 828           | 831         | 833          | rVB      | 6321555        | 7644388       | 72.46%          | 3.659%        |

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Instrument :  
BNA\_F  
ClientSampleId :  
0036

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-BF013017.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |          |         |        |
|----|--------|------|------|------|------|---------|----------|---------|--------|
| 35 | 12.054 | 870  | 872  | 875  | rVB  | 3867075 | 5061628  | 47.98%  | 2.423% |
| 36 | 12.282 | 890  | 892  | 897  | rBV2 | 317351  | 479470   | 4.55%   | 0.229% |
| 37 | 13.082 | 959  | 962  | 965  | rBV  | 4728934 | 4978348  | 47.19%  | 2.383% |
| 38 | 13.562 | 1001 | 1004 | 1006 | rBV  | 6202405 | 7126519  | 67.56%  | 3.411% |
| 39 | 14.145 | 1050 | 1055 | 1056 | rBV  | 5703463 | 10549077 | 100.00% | 5.049% |
| 40 | 14.180 | 1056 | 1058 | 1060 | rVB  | 5785751 | 6467415  | 61.31%  | 3.095% |
| 41 | 14.728 | 1103 | 1106 | 1108 | rBV  | 5535457 | 5879082  | 55.73%  | 2.814% |
| 42 | 15.220 | 1145 | 1149 | 1158 | rBV  | 4018464 | 6258659  | 59.33%  | 2.996% |
| 43 | 15.608 | 1180 | 1183 | 1190 | rVB  | 638882  | 985789   | 9.34%   | 0.472% |
| 44 | 17.128 | 1306 | 1316 | 1323 | rBV2 | 2647460 | 8397916  | 79.61%  | 4.019% |
| 45 | 17.586 | 1345 | 1356 | 1369 | rBV  | 2201378 | 7624485  | 72.28%  | 3.649% |

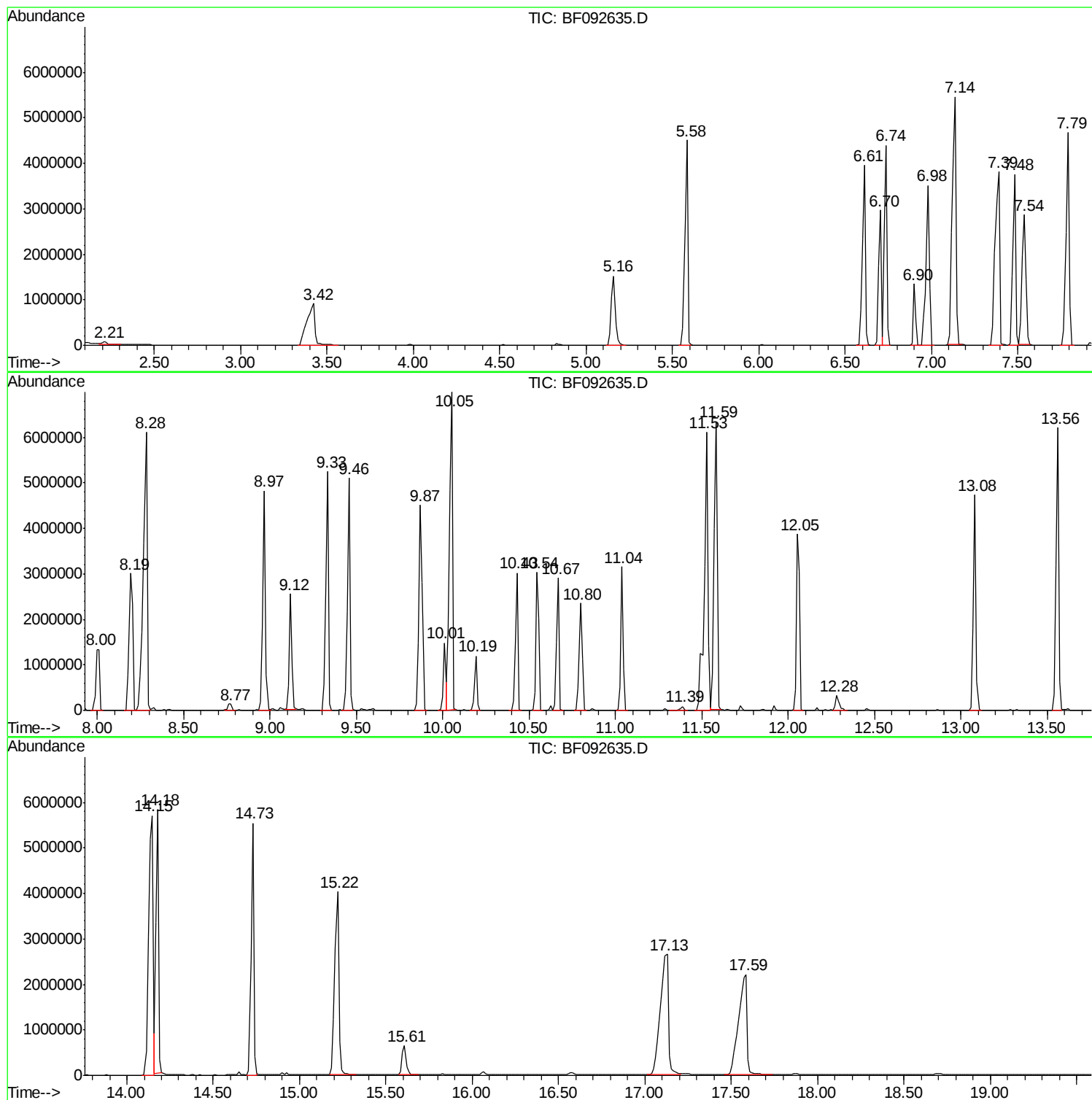
Sum of corrected areas: 208931430

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

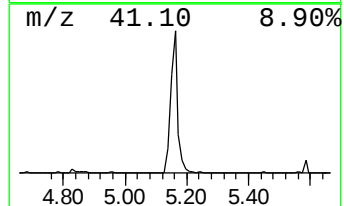
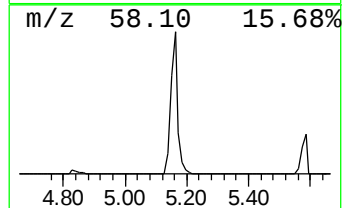
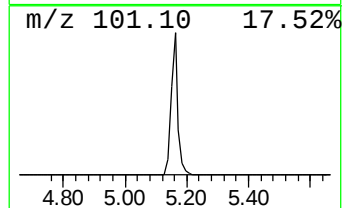
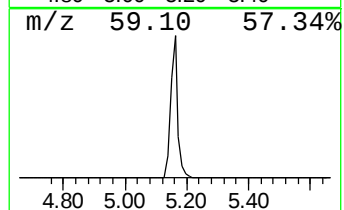
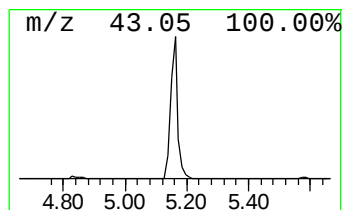
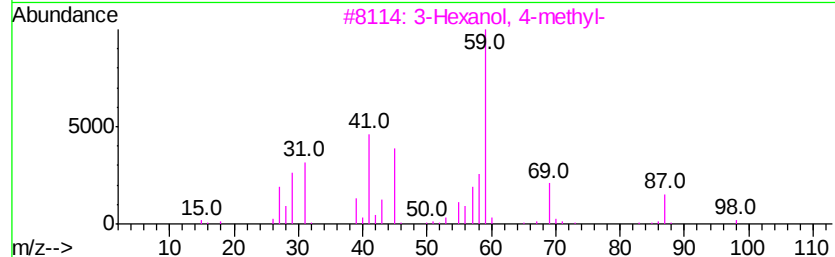
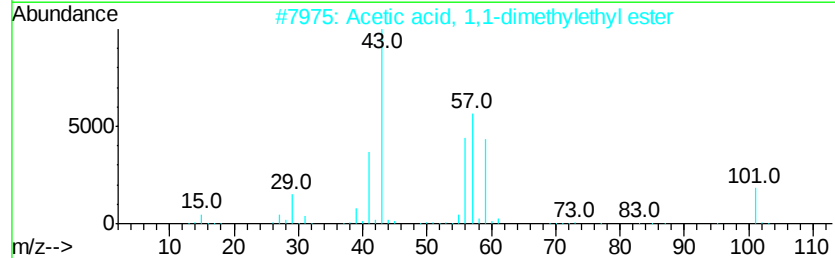
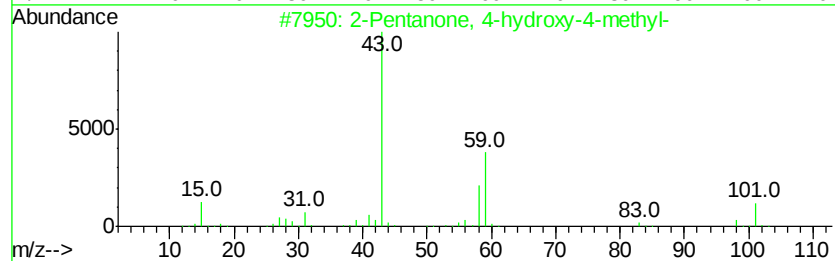
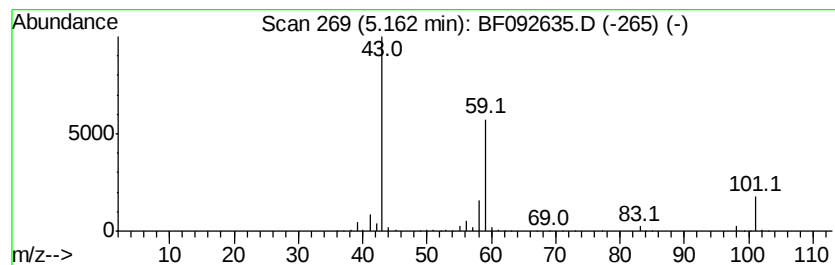
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 5.16 | 10.57 ng | 2355940 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 33   |
| 4    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 5    |    | Propanoic acid, 2-nitro-, methyl... | 133 | C4H7NO4  | 006118-50-9 | 9    |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| 2-Pentanone, 4-hy... | 5.16 | 10.6    | ng    | 2355940  | 1                     | 6.97 | 4457680 | 20.0 |