

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM062515\  
 Data File : BM001802.D  
 Acq On : 25 Jun 2015 17:12  
 Operator : TP/IZ  
 Sample : G2760-05  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BK6

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % 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\_M\METHODS\SOM02.2-EPA-BM061515.M  
 Title : SVOA 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         | 2.734       | 6             | 8           | 14           | rVB2     | 2218           | 2098          | 0.19%           | 0.020%        |
| 2         | 2.805       | 16            | 20          | 29           | rBV      | 38256          | 56848         | 5.20%           | 0.536%        |
| 3         | 2.881       | 29            | 33          | 45           | rVV      | 532581         | 611179        | 55.86%          | 5.767%        |
| 4         | 3.140       | 74            | 77          | 80           | rVB3     | 2233           | 2699          | 0.25%           | 0.025%        |
| 5         | 6.828       | 699           | 704         | 709          | rBB      | 41854          | 60785         | 5.56%           | 0.574%        |
| 6         | 6.999       | 727           | 733         | 740          | rBB      | 121977         | 182744        | 16.70%          | 1.724%        |
| 7         | 7.193       | 760           | 766         | 772          | rBV      | 156543         | 233566        | 21.35%          | 2.204%        |
| 8         | 7.663       | 838           | 846         | 852          | rBB      | 159996         | 246365        | 22.52%          | 2.325%        |
| 9         | 7.881       | 880           | 883         | 887          | rBB2     | 1698           | 2152          | 0.20%           | 0.020%        |
| 10        | 8.328       | 955           | 959         | 960          | rBV      | 1101           | 1153          | 0.11%           | 0.011%        |
| 11        | 8.363       | 960           | 965         | 972          | rVB      | 107100         | 160457        | 14.67%          | 1.514%        |
| 12        | 8.822       | 1036          | 1043        | 1050         | rBB      | 167188         | 268983        | 24.59%          | 2.538%        |
| 13        | 9.222       | 1107          | 1111        | 1114         | rBB      | 1840           | 2349          | 0.21%           | 0.022%        |
| 14        | 9.540       | 1159          | 1165        | 1172         | rBB      | 149307         | 241123        | 22.04%          | 2.275%        |
| 15        | 10.069      | 1249          | 1255        | 1263         | rBB      | 229086         | 359367        | 32.85%          | 3.391%        |
| 16        | 10.451      | 1312          | 1320        | 1327         | rBB      | 200332         | 328504        | 30.03%          | 3.100%        |
| 17        | 10.593      | 1340          | 1344        | 1349         | rBB2     | 3614           | 5212          | 0.48%           | 0.049%        |
| 18        | 11.269      | 1455          | 1459        | 1462         | rBB      | 3440           | 4305          | 0.39%           | 0.041%        |
| 19        | 11.710      | 1531          | 1534        | 1538         | rBB2     | 3061           | 4173          | 0.38%           | 0.039%        |
| 20        | 12.916      | 1736          | 1739        | 1741         | rVB2     | 2571           | 2810          | 0.26%           | 0.027%        |
| 21        | 13.104      | 1769          | 1771        | 1774         | rBB      | 1404           | 1390          | 0.13%           | 0.013%        |
| 22        | 13.728      | 1871          | 1877        | 1883         | rBV      | 383160         | 523368        | 47.84%          | 4.939%        |
| 23        | 14.010      | 1918          | 1925        | 1932         | rBV      | 454538         | 669212        | 61.17%          | 6.315%        |
| 24        | 14.316      | 1971          | 1977        | 1984         | rVB2     | 308347         | 451710        | 41.29%          | 4.262%        |
| 25        | 14.516      | 2006          | 2011        | 2018         | rVB      | 38435          | 51360         | 4.69%           | 0.485%        |
| 26        | 15.145      | 2115          | 2118        | 2120         | rBV2     | 1761           | 1888          | 0.17%           | 0.018%        |
| 27        | 15.310      | 2140          | 2146        | 2156         | rBV      | 610969         | 841947        | 76.96%          | 7.945%        |
| 28        | 15.433      | 2162          | 2167        | 2172         | rBV      | 184779         | 242872        | 22.20%          | 2.292%        |
| 29        | 16.851      | 2404          | 2408        | 2412         | rVB2     | 1103           | 1661          | 0.15%           | 0.016%        |
| 30        | 17.063      | 2438          | 2444        | 2450         | rBV2     | 410213         | 566072        | 51.74%          | 5.342%        |
| 31        | 17.163      | 2455          | 2461        | 2468         | rVB      | 633803         | 884796        | 80.87%          | 8.349%        |
| 32        | 17.410      | 2498          | 2503        | 2506         | rBV      | 998            | 1180          | 0.11%           | 0.011%        |
| 33        | 17.951      | 2592          | 2595        | 2599         | rVB      | 13175          | 13776         | 1.26%           | 0.130%        |
| 34        | 18.027      | 2605          | 2608        | 2612         | rBV      | 1500           | 1479          | 0.14%           | 0.014%        |

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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0BK6

## Integration Parameters: LSCINT.P

Integrator: RTE  
Smoothing : OFF  
Sampling : 1  
Start Thrs: 0.2  
Stop Thrs : 0  
Filtering: 5  
Min Area: 0.1 % 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\_M\METHODS\SOM02.2-EPA-BM061515.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 35 | 18.286 | 2650 | 2652 | 2658 | rBV3 | 1907   | 3147    | 0.29%   | 0.030%  |
| 36 | 19.239 | 2810 | 2814 | 2818 | rBV3 | 10115  | 9933    | 0.91%   | 0.094%  |
| 37 | 19.345 | 2828 | 2832 | 2836 | rBV  | 4276   | 4839    | 0.44%   | 0.046%  |
| 38 | 19.463 | 2846 | 2852 | 2858 | rVB  | 817097 | 1094063 | 100.00% | 10.324% |
| 39 | 19.769 | 2901 | 2904 | 2909 | rBV2 | 780    | 1105    | 0.10%   | 0.010%  |
| 40 | 20.921 | 3099 | 3100 | 3103 | rBV3 | 1951   | 1707    | 0.16%   | 0.016%  |
| 41 | 21.045 | 3118 | 3121 | 3126 | rVB3 | 4399   | 4929    | 0.45%   | 0.047%  |
| 42 | 21.251 | 3151 | 3156 | 3162 | rBV  | 597828 | 731532  | 66.86%  | 6.903%  |
| 43 | 21.410 | 3181 | 3183 | 3185 | rBV2 | 1831   | 1657    | 0.15%   | 0.016%  |
| 44 | 21.480 | 3193 | 3195 | 3197 | rBV2 | 2255   | 1780    | 0.16%   | 0.017%  |
| 45 | 22.974 | 3445 | 3449 | 3454 | rBV8 | 4105   | 7663    | 0.70%   | 0.072%  |
| 46 | 23.333 | 3502 | 3510 | 3518 | rBV2 | 549376 | 1000829 | 91.48%  | 9.444%  |
| 47 | 23.474 | 3527 | 3534 | 3542 | rBV  | 386505 | 697608  | 63.76%  | 6.583%  |
| 48 | 25.515 | 3879 | 3881 | 3884 | rBV3 | 3395   | 4808    | 0.44%   | 0.045%  |
| 49 | 27.562 | 4227 | 4229 | 4230 | rBV2 | 3514   | 2363    | 0.22%   | 0.022%  |

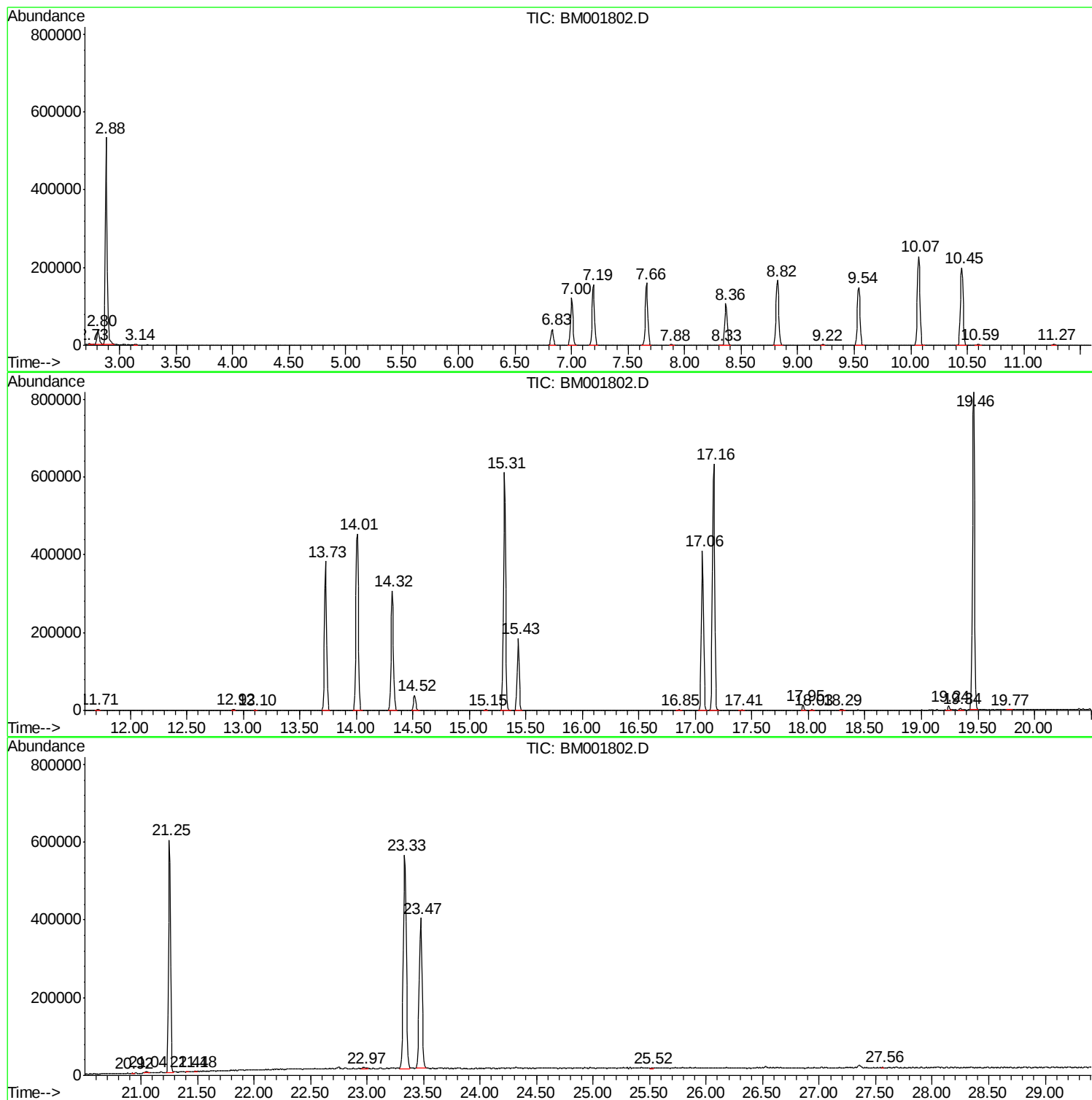
Sum of corrected areas: 10597546

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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM061515.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
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ClientSampleId :  
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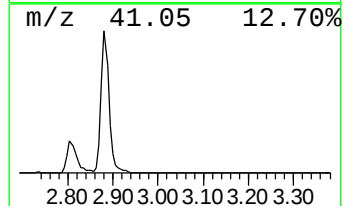
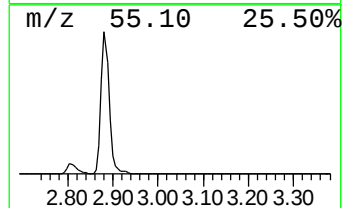
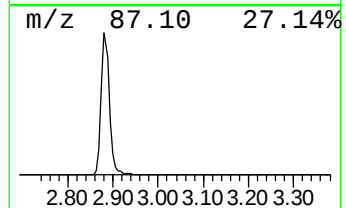
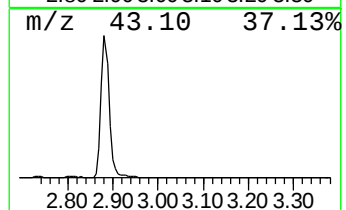
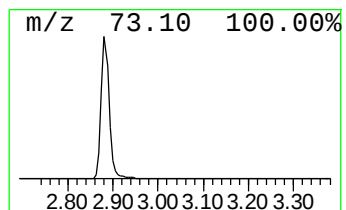
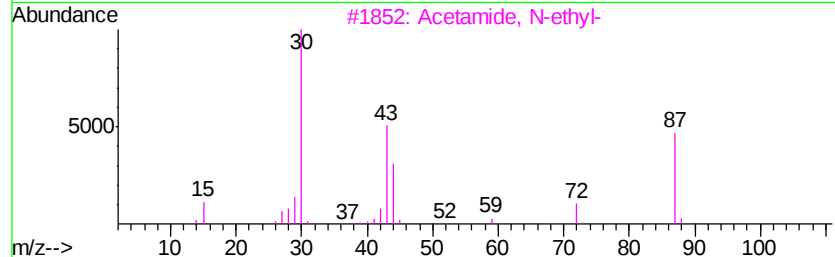
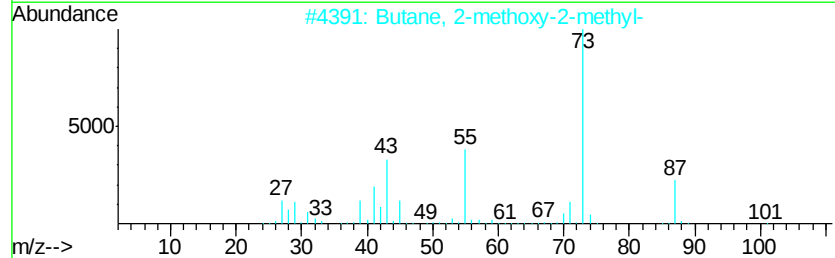
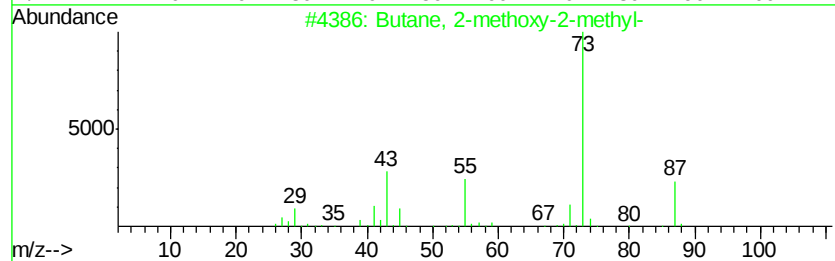
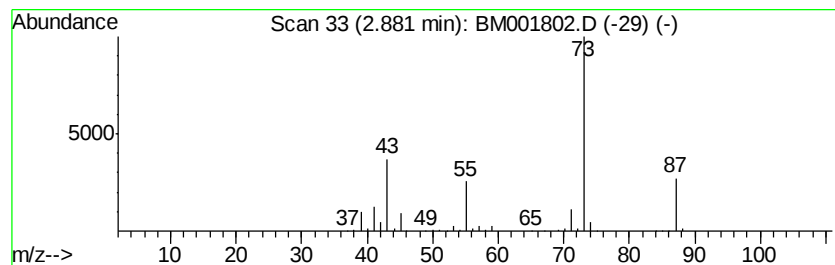
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM061515.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 2.88 | 49.62 ng/ul | 611179 | 1,4-Dichlorobenzene-d4 | 7.66 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 3    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 22   |
| 4    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 2.88 | 49.6    | ng/ul | 611179   | 1                     | 7.66 | 246365 | 20.0 |