

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM062415\  
 Data File : BM001780.D  
 Acq On : 24 Jun 2015 13:55  
 Operator : TP/IZ  
 Sample : PB84195BL  
 Misc : SBLK76  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK76

## 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 # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 2.805    | 17         | 20       | 26        | rBV   | 21108       | 28823      | 1.42%        | 0.153%     |
| 2      | 2.881    | 29         | 33       | 44        | rVB   | 141450      | 160428     | 7.91%        | 0.852%     |
| 3      | 3.140    | 74         | 77       | 80        | rBV   | 18032       | 20298      | 1.00%        | 0.108%     |
| 4      | 3.687    | 168        | 170      | 175       | rVB   | 5138        | 6969       | 0.34%        | 0.037%     |
| 5      | 6.822    | 698        | 703      | 711       | rBV   | 271497      | 423355     | 20.88%       | 2.248%     |
| 6      | 6.998    | 727        | 733      | 741       | rBB   | 215755      | 317562     | 15.66%       | 1.686%     |
| 7      | 7.187    | 758        | 765      | 776       | rBB   | 278706      | 437821     | 21.59%       | 2.324%     |
| 8      | 7.657    | 839        | 845      | 852       | rVB   | 277101      | 440141     | 21.71%       | 2.337%     |
| 9      | 8.363    | 959        | 965      | 972       | rBV   | 361672      | 541677     | 26.71%       | 2.876%     |
| 10     | 8.822    | 1036       | 1043     | 1050      | rBB   | 247739      | 404477     | 19.95%       | 2.147%     |
| 11     | 9.539    | 1158       | 1165     | 1173      | rVB   | 218381      | 341933     | 16.86%       | 1.815%     |
| 12     | 10.069   | 1247       | 1255     | 1264      | rBV   | 356014      | 570698     | 28.14%       | 3.030%     |
| 13     | 10.451   | 1312       | 1320     | 1329      | rBV   | 366745      | 610087     | 30.09%       | 3.239%     |
| 14     | 10.586   | 1337       | 1343     | 1351      | rBV   | 352331      | 579006     | 28.55%       | 3.074%     |
| 15     | 13.727   | 1871       | 1877     | 1884      | rBV   | 657374      | 861635     | 42.49%       | 4.574%     |
| 16     | 14.004   | 1918       | 1924     | 1935      | rVB   | 713249      | 1045520    | 51.56%       | 5.551%     |
| 17     | 14.316   | 1971       | 1977     | 1985      | rVB2  | 539680      | 823515     | 40.61%       | 4.372%     |
| 18     | 14.516   | 2004       | 2011     | 2018      | rBV   | 293453      | 415727     | 20.50%       | 2.207%     |
| 19     | 15.310   | 2140       | 2146     | 2156      | rVB   | 991173      | 1355461    | 66.84%       | 7.196%     |
| 20     | 15.427   | 2161       | 2166     | 2173      | rVV   | 286482      | 371071     | 18.30%       | 1.970%     |
| 21     | 15.551   | 2183       | 2187     | 2193      | rVB4  | 1678        | 2577       | 0.13%        | 0.014%     |
| 22     | 16.851   | 2403       | 2408     | 2411      | rBV2  | 1946        | 3016       | 0.15%        | 0.016%     |
| 23     | 17.063   | 2438       | 2444     | 2450      | rBV   | 731240      | 1007631    | 49.69%       | 5.349%     |
| 24     | 17.163   | 2454       | 2461     | 2467      | rBV   | 1083173     | 1539267    | 75.91%       | 8.172%     |
| 25     | 17.345   | 2488       | 2492     | 2495      | rBV   | 1466        | 2248       | 0.11%        | 0.012%     |
| 26     | 19.351   | 2825       | 2833     | 2836      | rBV2  | 6253        | 9713       | 0.48%        | 0.052%     |
| 27     | 19.462   | 2844       | 2852     | 2860      | rBV   | 1381939     | 1866932    | 92.07%       | 9.911%     |
| 28     | 21.051   | 3118       | 3122     | 3126      | rBV2  | 8321        | 11236      | 0.55%        | 0.060%     |
| 29     | 21.256   | 3151       | 3157     | 3164      | rBV   | 1094994     | 1302456    | 64.23%       | 6.915%     |
| 30     | 22.027   | 3286       | 3288     | 3291      | rBV4  | 3549        | 5055       | 0.25%        | 0.027%     |
| 31     | 23.339   | 3503       | 3511     | 3521      | rBV2  | 1127271     | 2027770    | 100.00%      | 10.765%    |
| 32     | 23.480   | 3527       | 3535     | 3547      | rVB   | 719273      | 1302107    | 64.21%       | 6.913%     |

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Integrator: RTE  
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Sampling : 1 Min Area: 0.1 % 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

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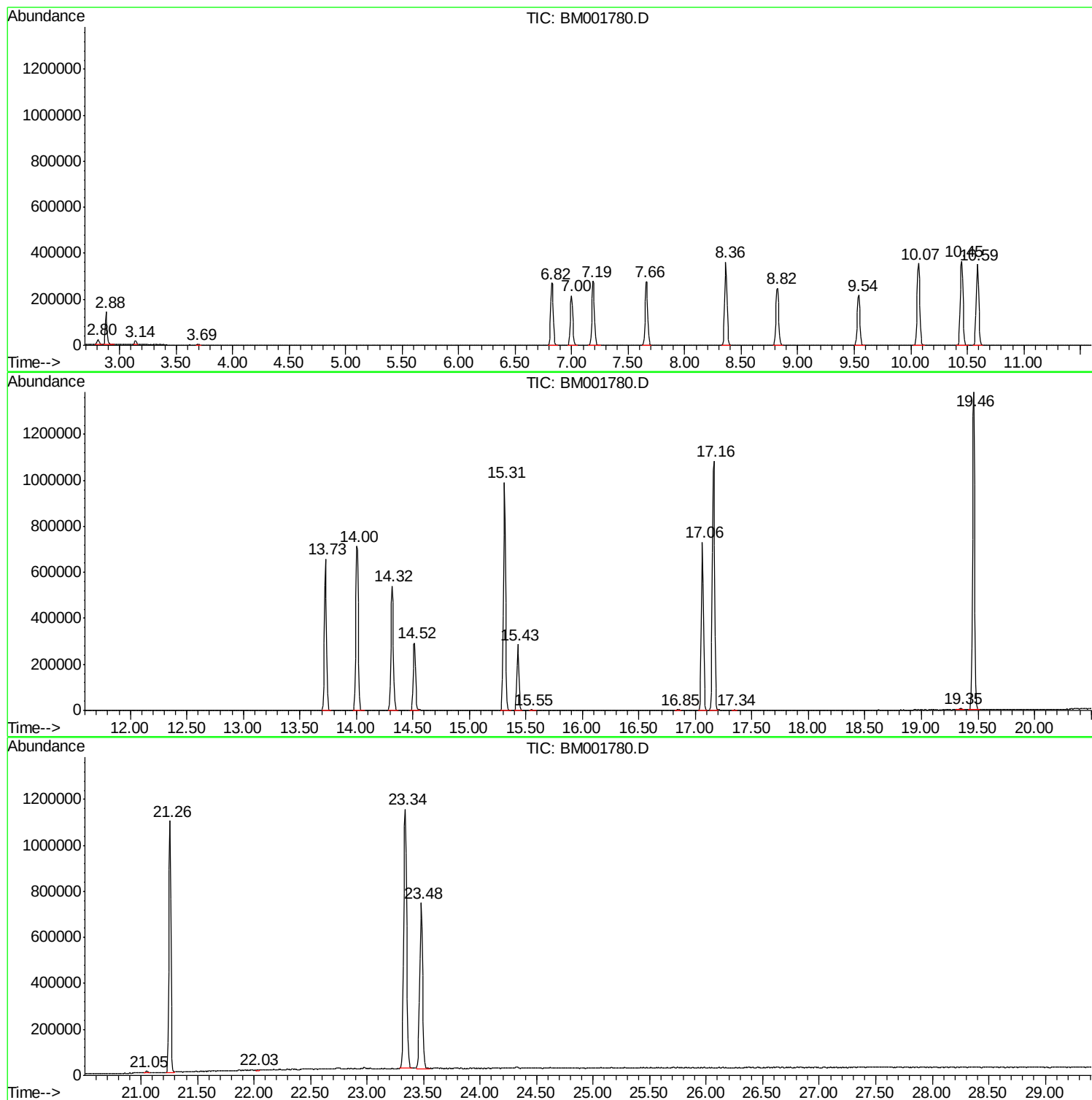
Sum of corrected areas: 18836212

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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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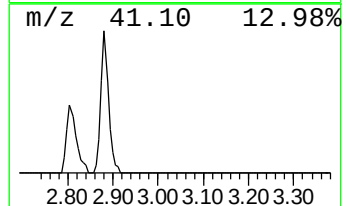
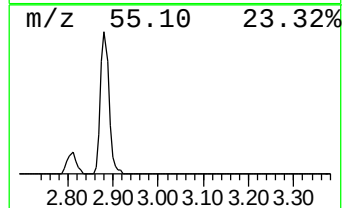
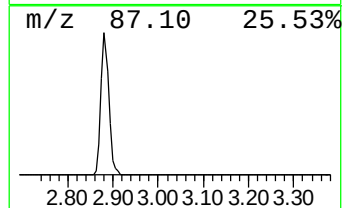
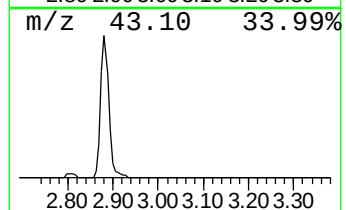
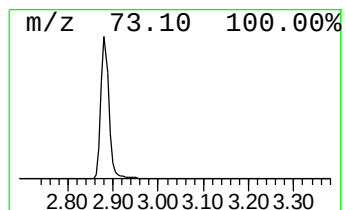
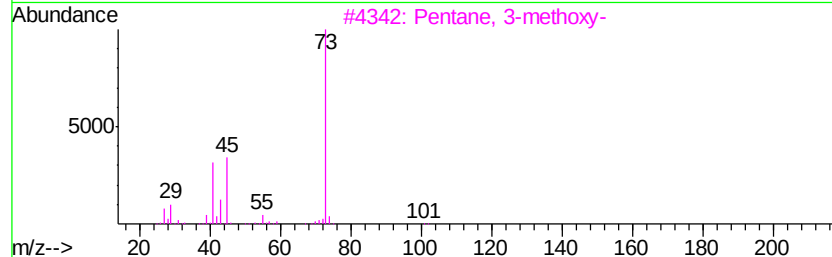
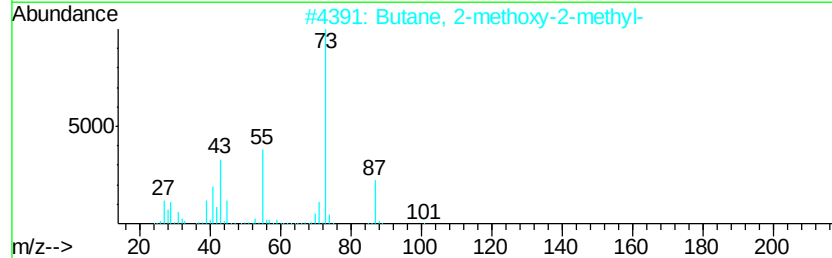
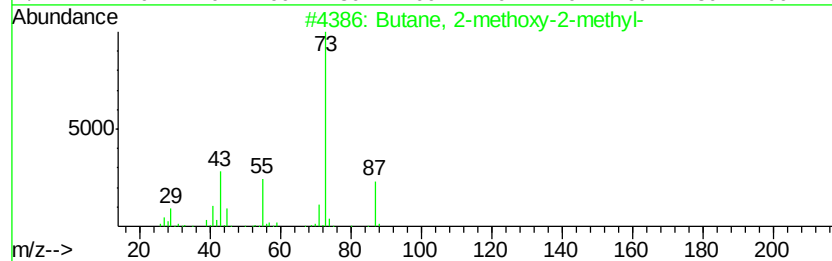
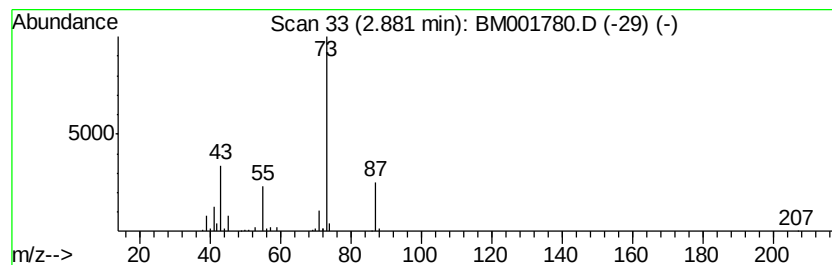
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TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 2.88 | 7.29 ng/ul | 160428 | 1,4-Dichlorobenzene-d4 | 7.66 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 86   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 32   |
| 4    |    | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 25   |
| 5    |    | Borane, dimethoxy-          | 74  | C2H7BO2 | 004542-61-4 | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 2.88 | 7.3     | ng/ul | 160428   | 1                     | 7.66 | 440141 | 20.0 |