

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM070215\  
 Data File : BM001819.D  
 Acq On : 02 Jul 2015 15:08  
 Operator : TP/UM  
 Sample : PB84339BL  
 Misc : SBLK83  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK83

## 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         | 2.805       | 16            | 20          | 28           | rVB      | 22382          | 33005         | 2.16%           | 0.197%        |
| 2         | 2.881       | 28            | 33          | 45           | rVB      | 142991         | 163902        | 10.73%          | 0.980%        |
| 3         | 3.140       | 73            | 77          | 86           | rVB      | 18647          | 21482         | 1.41%           | 0.128%        |
| 4         | 3.287       | 98            | 102         | 103          | rVB2     | 1427           | 1689          | 0.11%           | 0.010%        |
| 5         | 3.693       | 167           | 171         | 175          | rVB2     | 5422           | 6722          | 0.44%           | 0.040%        |
| 6         | 6.828       | 697           | 704         | 711          | rBV      | 268743         | 419818        | 27.48%          | 2.509%        |
| 7         | 6.998       | 727           | 733         | 742          | rVB      | 204658         | 304495        | 19.93%          | 1.820%        |
| 8         | 7.187       | 759           | 765         | 774          | rVB      | 280087         | 431716        | 28.26%          | 2.580%        |
| 9         | 7.657       | 839           | 845         | 852          | rVB      | 270058         | 420808        | 27.55%          | 2.515%        |
| 10        | 8.363       | 959           | 965         | 974          | rVB      | 340975         | 528466        | 34.60%          | 3.159%        |
| 11        | 8.816       | 1036          | 1042        | 1050         | rBB      | 244930         | 398783        | 26.11%          | 2.384%        |
| 12        | 9.539       | 1158          | 1165        | 1170         | rBV      | 207492         | 340228        | 22.27%          | 2.034%        |
| 13        | 10.069      | 1248          | 1255        | 1264         | rVB      | 349829         | 555206        | 36.35%          | 3.318%        |
| 14        | 10.451      | 1312          | 1320        | 1328         | rVB      | 366166         | 599222        | 39.23%          | 3.582%        |
| 15        | 10.592      | 1337          | 1344        | 1351         | rBV      | 324641         | 539716        | 35.33%          | 3.226%        |
| 16        | 13.727      | 1871          | 1877        | 1886         | rVB      | 545656         | 725406        | 47.49%          | 4.336%        |
| 17        | 14.004      | 1918          | 1924        | 1931         | rBV      | 634935         | 940720        | 61.58%          | 5.623%        |
| 18        | 14.316      | 1970          | 1977        | 1986         | rVB2     | 542827         | 809685        | 53.01%          | 4.840%        |
| 19        | 14.516      | 2005          | 2011        | 2019         | rBV      | 255679         | 355801        | 23.29%          | 2.127%        |
| 20        | 15.310      | 2140          | 2146        | 2153         | rVB      | 861871         | 1165951       | 76.33%          | 6.969%        |
| 21        | 15.427      | 2161          | 2166        | 2174         | rBV      | 226662         | 304584        | 19.94%          | 1.821%        |
| 22        | 15.545      | 2183          | 2186        | 2189         | rBV2     | 1442           | 1678          | 0.11%           | 0.010%        |
| 23        | 16.851      | 2404          | 2408        | 2411         | rBV      | 1671           | 2429          | 0.16%           | 0.015%        |
| 24        | 17.062      | 2438          | 2444        | 2451         | rVB      | 712488         | 970101        | 63.51%          | 5.798%        |
| 25        | 17.157      | 2454          | 2460        | 2468         | rBV      | 888907         | 1265244       | 82.83%          | 7.562%        |
| 26        | 19.345      | 2829          | 2832        | 2836         | rBV      | 5910           | 6448          | 0.42%           | 0.039%        |
| 27        | 19.462      | 2845          | 2852        | 2859         | rBV      | 1074409        | 1466251       | 95.99%          | 8.764%        |
| 28        | 19.780      | 2900          | 2906        | 2908         | rVB2     | 1214           | 1789          | 0.12%           | 0.011%        |
| 29        | 20.009      | 2944          | 2945        | 2949         | rBV3     | 1393           | 1579          | 0.10%           | 0.009%        |
| 30        | 20.133      | 2962          | 2966        | 2968         | rBV3     | 1227           | 1546          | 0.10%           | 0.009%        |
| 31        | 20.709      | 3063          | 3064        | 3068         | rBV2     | 1875           | 1655          | 0.11%           | 0.010%        |
| 32        | 20.827      | 3080          | 3084        | 3087         | rBV3     | 1313           | 1872          | 0.12%           | 0.011%        |
| 33        | 20.903      | 3095          | 3097        | 3098         | rBV2     | 1796           | 1548          | 0.10%           | 0.009%        |
| 34        | 21.050      | 3119          | 3122        | 3129         | rBV3     | 7860           | 9355          | 0.61%           | 0.056%        |

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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 | 21.250 | 3151 | 3156 | 3162 | rBV  | 951955 | 1191315 | 77.99%  | 7.121% |
| 36 | 22.739 | 3407 | 3409 | 3415 | rVB5 | 5989   | 9220    | 0.60%   | 0.055% |
| 37 | 23.333 | 3503 | 3510 | 3519 | rBV2 | 851796 | 1527554 | 100.00% | 9.130% |
| 38 | 23.474 | 3527 | 3534 | 3542 | rBV  | 650191 | 1203648 | 78.80%  | 7.194% |

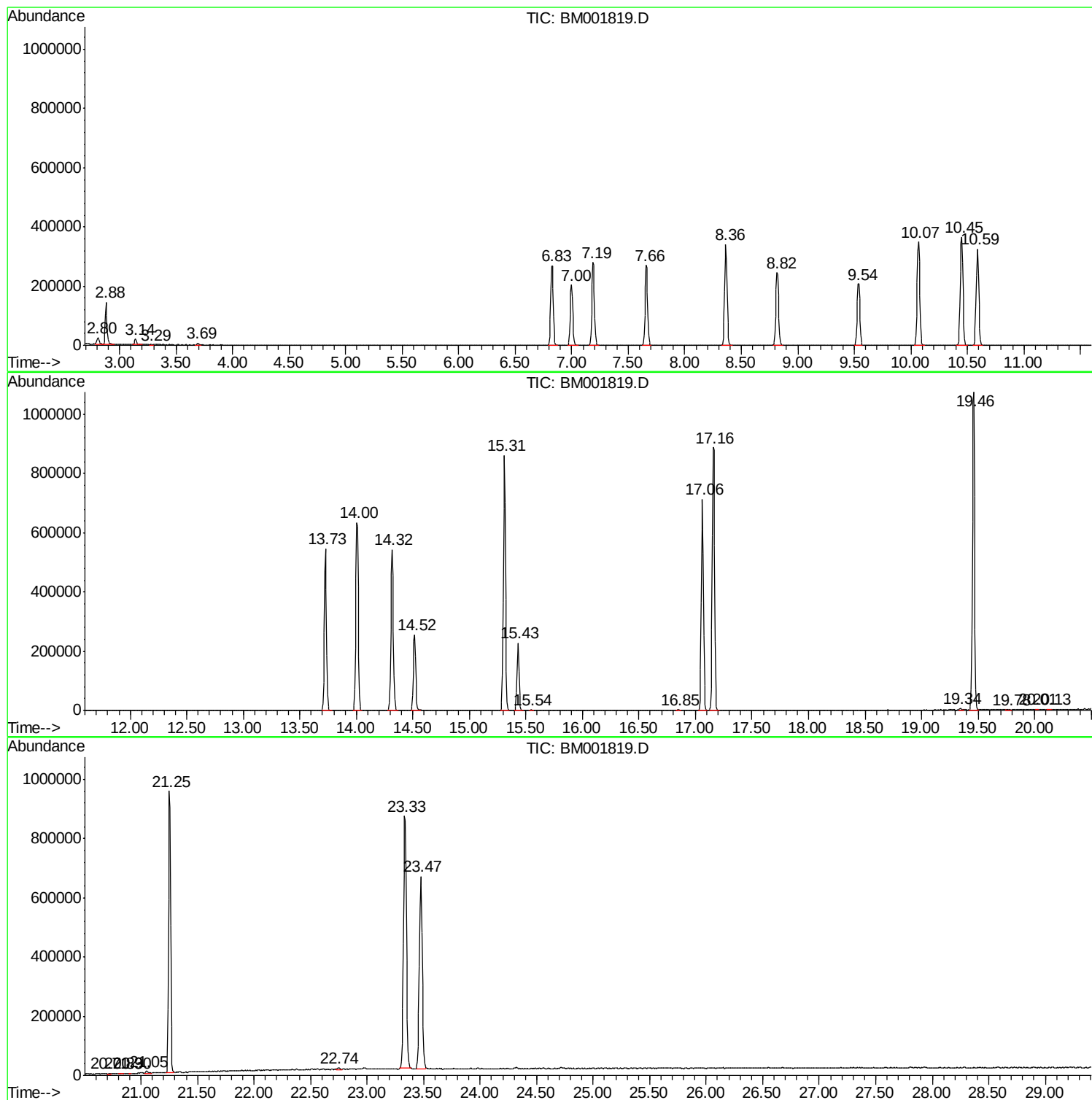
Sum of corrected areas: 16730637

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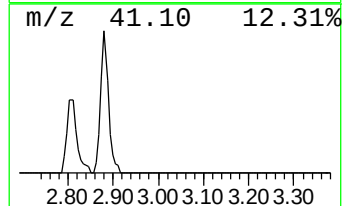
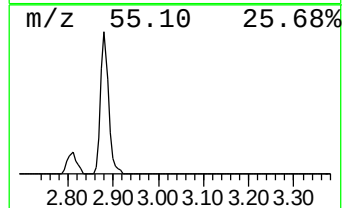
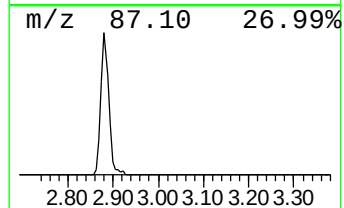
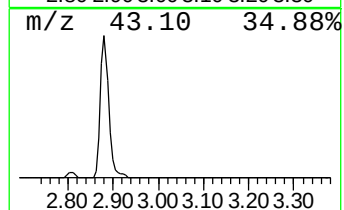
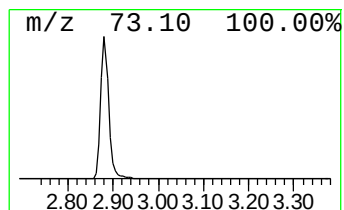
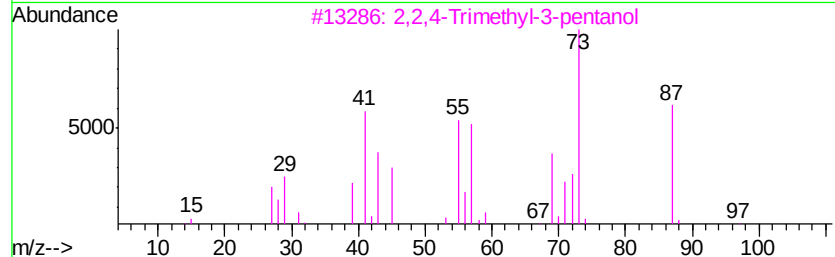
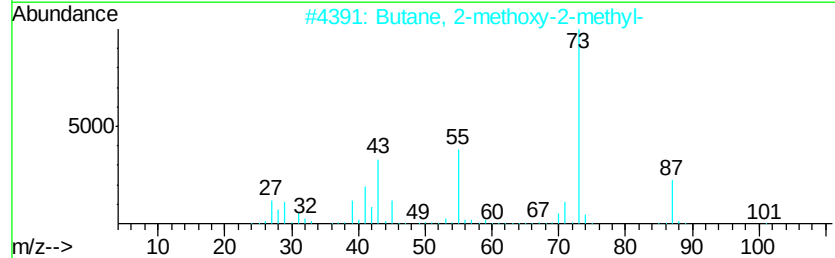
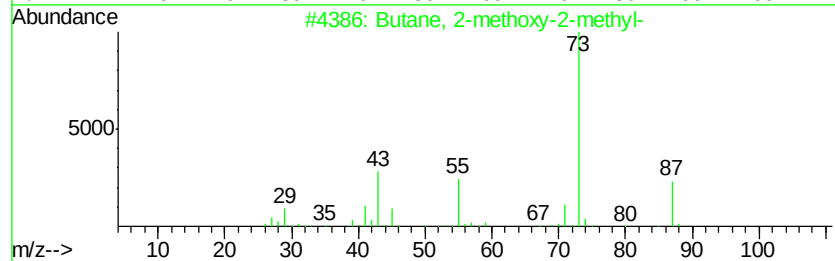
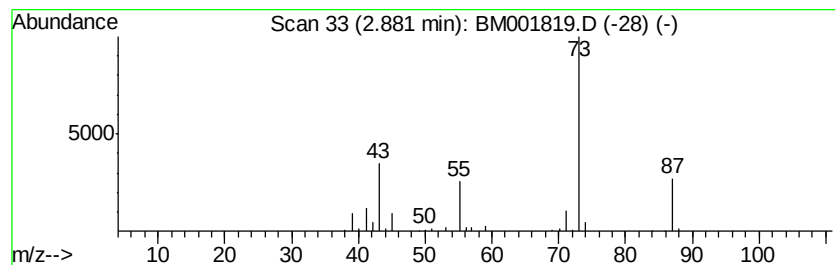
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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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 | 7.79 ng/ul | 163902 | 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 | 83   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 3    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 43   |
| 4    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |
| 5    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 10   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 2.88 | 7.8     | ng/ul | 163902   | 1                     | 7.66 | 420808 | 20.0 |