

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\  
 Data File : BM016803.D  
 Acq On : 19 Sep 2018 19:27  
 Operator : SJ/JU  
 Sample : PB113019BL  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK20

## 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:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.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         | 3.017       | 3             | 5           | 11           | rVB      | 168510         | 182169        | 3.57%           | 0.346%        |
| 2         | 3.270       | 44            | 48          | 58           | rVB      | 66427          | 87986         | 1.72%           | 0.167%        |
| 3         | 5.958       | 501           | 505         | 509          | rBV3     | 4960           | 7643          | 0.15%           | 0.015%        |
| 4         | 6.893       | 657           | 664         | 673          | rBV      | 915046         | 1369276       | 26.81%          | 2.598%        |
| 5         | 7.063       | 686           | 693         | 703          | rBV      | 740046         | 1100415       | 21.55%          | 2.088%        |
| 6         | 7.158       | 705           | 709         | 716          | rVB5     | 5255           | 10120         | 0.20%           | 0.019%        |
| 7         | 7.258       | 719           | 726         | 735          | rBV      | 952303         | 1443053       | 28.26%          | 2.738%        |
| 8         | 7.722       | 798           | 805         | 813          | rVB      | 902347         | 1403237       | 27.48%          | 2.663%        |
| 9         | 8.422       | 917           | 924         | 935          | rBV      | 1099253        | 1695916       | 33.21%          | 3.218%        |
| 10        | 8.875       | 994           | 1001        | 1010         | rBV      | 803770         | 1314060       | 25.73%          | 2.494%        |
| 11        | 9.593       | 1115          | 1123        | 1134         | rBV      | 564778         | 909425        | 17.81%          | 1.726%        |
| 12        | 10.122      | 1204          | 1213        | 1225         | rBV      | 1065117        | 1692185       | 33.14%          | 3.211%        |
| 13        | 10.504      | 1268          | 1278        | 1285         | rBV      | 1198041        | 1988237       | 38.93%          | 3.773%        |
| 14        | 10.640      | 1293          | 1301        | 1309         | rBV      | 831519         | 1366288       | 26.75%          | 2.593%        |
| 15        | 13.775      | 1828          | 1834        | 1844         | rBV      | 1753255        | 2371406       | 46.44%          | 4.500%        |
| 16        | 14.051      | 1874          | 1881        | 1890         | rBV      | 2112167        | 2983256       | 58.42%          | 5.661%        |
| 17        | 14.363      | 1927          | 1934        | 1941         | rBV2     | 1648530        | 2510613       | 49.16%          | 4.764%        |
| 18        | 14.557      | 1960          | 1967        | 1980         | rBV      | 770116         | 1075006       | 21.05%          | 2.040%        |
| 19        | 15.357      | 2096          | 2103        | 2110         | rBV      | 2662542        | 3751874       | 73.47%          | 7.120%        |
| 20        | 15.469      | 2117          | 2122        | 2132         | rBV      | 523965         | 764455        | 14.97%          | 1.451%        |
| 21        | 15.598      | 2139          | 2144        | 2148         | rVB      | 28737          | 37182         | 0.73%           | 0.071%        |
| 22        | 16.522      | 2297          | 2301        | 2304         | rVB4     | 6320           | 7494          | 0.15%           | 0.014%        |
| 23        | 16.892      | 2361          | 2364        | 2369         | rVB3     | 6824           | 9971          | 0.20%           | 0.019%        |
| 24        | 17.110      | 2394          | 2401        | 2408         | rBV      | 2131429        | 2927883       | 57.33%          | 5.556%        |
| 25        | 17.210      | 2411          | 2418        | 2430         | rBV      | 2927590        | 4107221       | 80.42%          | 7.794%        |
| 26        | 17.292      | 2430          | 2432        | 2436         | rVB3     | 5986           | 6510          | 0.13%           | 0.012%        |
| 27        | 17.886      | 2530          | 2533        | 2538         | rVB4     | 8470           | 12317         | 0.24%           | 0.023%        |
| 28        | 18.016      | 2551          | 2555        | 2562         | rVB5     | 26329          | 33233         | 0.65%           | 0.063%        |
| 29        | 18.327      | 2606          | 2608        | 2613         | rBV5     | 3639           | 5321          | 0.10%           | 0.010%        |
| 30        | 19.298      | 2771          | 2773        | 2777         | rVB3     | 10259          | 9678          | 0.19%           | 0.018%        |
| 31        | 19.386      | 2785          | 2788        | 2793         | rBV2     | 26490          | 36897         | 0.72%           | 0.070%        |
| 32        | 19.504      | 2802          | 2808        | 2816         | rBV      | 3569670        | 4822938       | 94.44%          | 9.152%        |
| 33        | 21.298      | 3108          | 3113        | 3120         | rBV      | 2999743        | 3652117       | 71.51%          | 6.930%        |
| 34        | 23.392      | 3463          | 3469        | 3476         | rBV      | 2921354        | 5106904       | 100.00%         | 9.691%        |

## LSC Area Percent Report

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Integration Parameters: LSCINT.P  
Integrator: RTE  
Smoothing : OFF Filtering: 5  
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

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |     |         |         |        |        |
|----|--------|------|------|------|-----|---------|---------|--------|--------|
| 35 | 23.533 | 3487 | 3493 | 3507 | rVB | 2003791 | 3896029 | 76.29% | 7.393% |
|----|--------|------|------|------|-----|---------|---------|--------|--------|

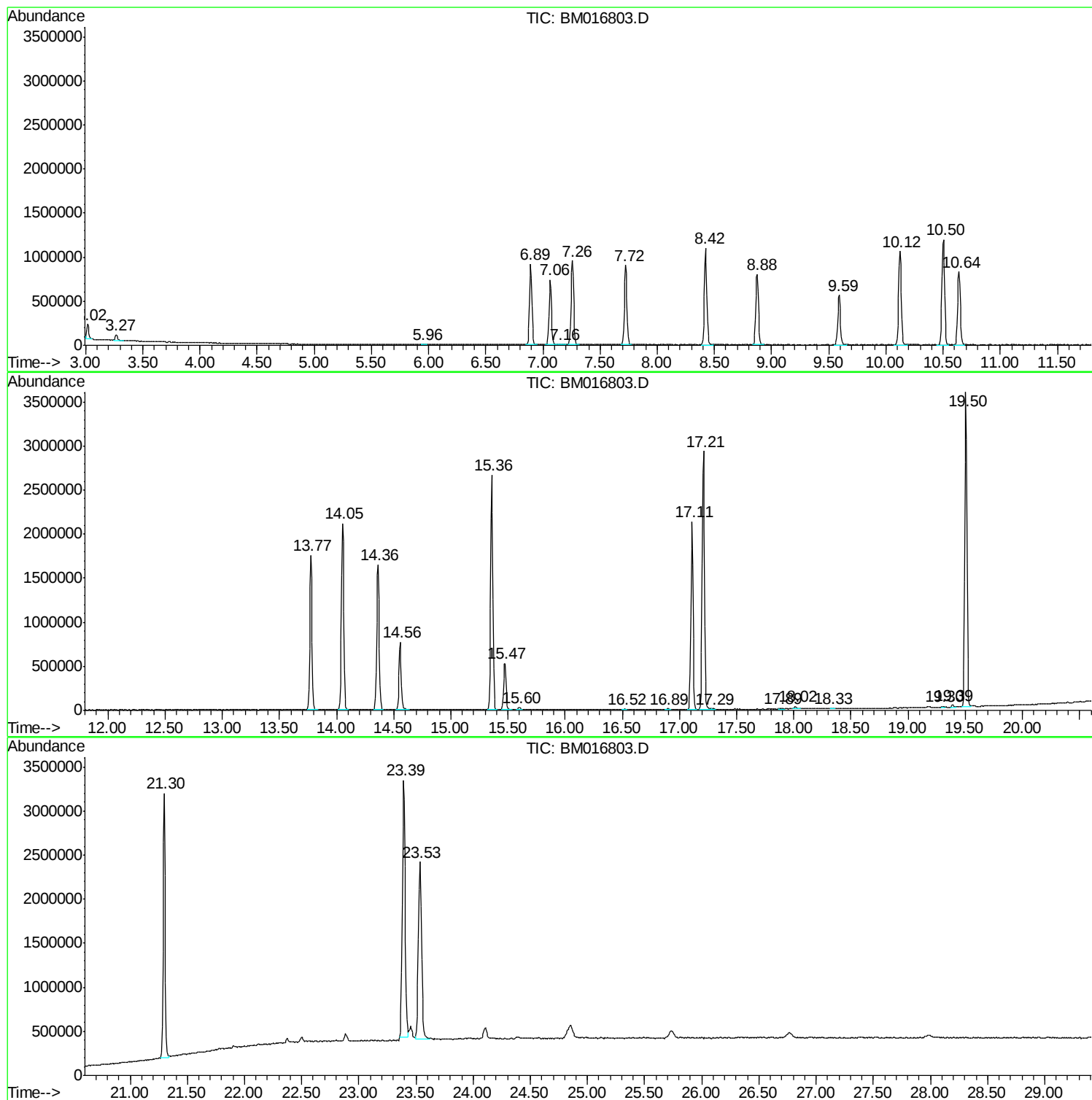
Sum of corrected areas: 52698315

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
Quant Title : SVOA CALIBRATION

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



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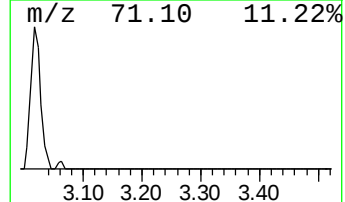
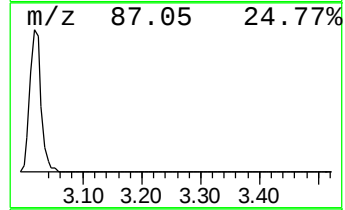
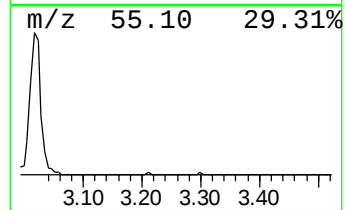
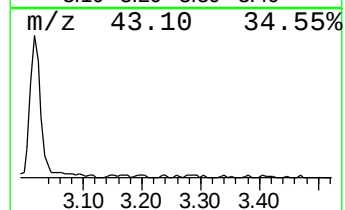
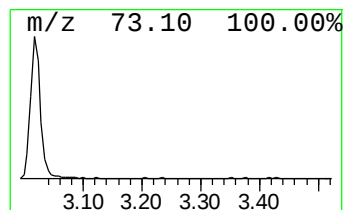
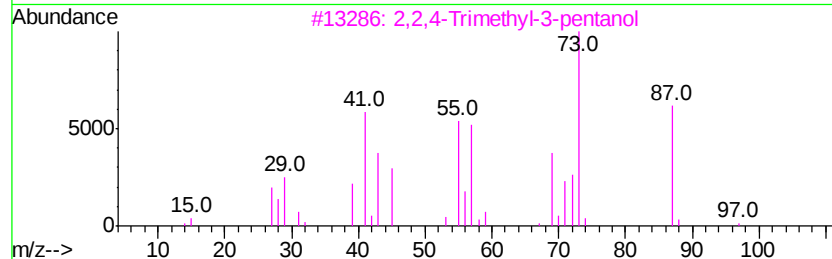
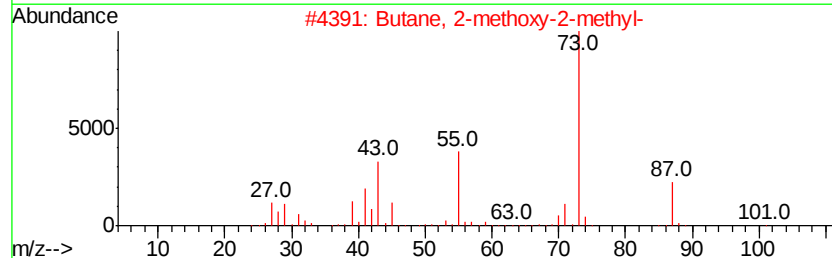
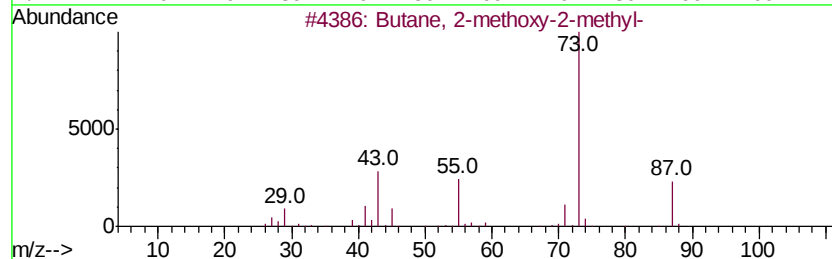
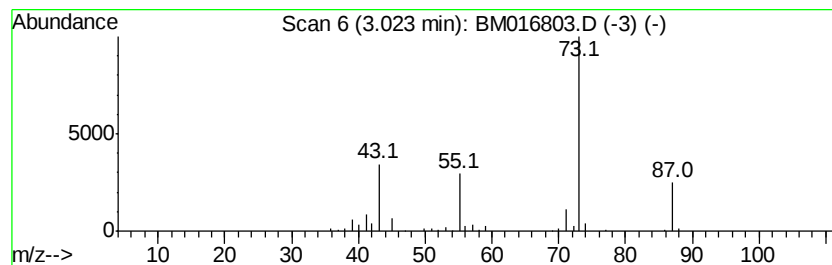
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
Quant Title : SVOA CALIBRATION

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. |
|------|------------|--------|------------------------|------|
| 3.02 | 2.60 ng/ul | 182169 | 1,4-Dichlorobenzene-d4 | 7.72 |

| 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 | 83   |
| 3    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 32   |
| 5    |    | 3-Hexanol, 2-methyl-        | 116 | C7H16O  | 000617-29-8 | 17   |



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Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| Butane, 2-methoxy... | 3.02 | 2.6     | ng/ul | 182169   | 1                     | 7.72 | 1403240 | 20.0 |