

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\  
 Data File : BM016874.D  
 Acq On : 24 Sep 2018 13:45  
 Operator : SJ/JU  
 Sample : J5014-09  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E8JC3

## 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         | 3.011       | 3             | 4           | 18           | rVB      | 727000         | 711648        | 11.15%          | 1.323%        |
| 2         | 3.264       | 44            | 47          | 52           | rVB      | 58550          | 68486         | 1.07%           | 0.127%        |
| 3         | 6.887       | 657           | 663         | 669          | rVB      | 207708         | 328559        | 5.15%           | 0.611%        |
| 4         | 7.052       | 685           | 691         | 702          | rBV      | 778874         | 1203502       | 18.86%          | 2.237%        |
| 5         | 7.246       | 718           | 724         | 736          | rBV      | 831970         | 1302994       | 20.42%          | 2.421%        |
| 6         | 7.716       | 796           | 804         | 813          | rVB      | 879701         | 1381582       | 21.65%          | 2.568%        |
| 7         | 8.410       | 912           | 922         | 933          | rBV      | 598850         | 960363        | 15.05%          | 1.785%        |
| 8         | 8.534       | 938           | 943         | 949          | rVB5     | 4076           | 7700          | 0.12%           | 0.014%        |
| 9         | 8.863       | 991           | 999         | 1008         | rBV      | 957301         | 1537026       | 24.08%          | 2.856%        |
| 10        | 9.581       | 1114          | 1121        | 1132         | rBV      | 698685         | 1097473       | 17.20%          | 2.040%        |
| 11        | 10.110      | 1204          | 1211        | 1226         | rBV      | 1106675        | 1826788       | 28.62%          | 3.395%        |
| 12        | 10.493      | 1268          | 1276        | 1284         | rBV      | 1197358        | 1943170       | 30.45%          | 3.611%        |
| 13        | 12.087      | 1542          | 1547        | 1552         | rVB2     | 17408          | 27655         | 0.43%           | 0.051%        |
| 14        | 12.963      | 1691          | 1696        | 1702         | rVB3     | 11133          | 18886         | 0.30%           | 0.035%        |
| 15        | 13.769      | 1825          | 1833        | 1845         | rBV      | 1940828        | 2738225       | 42.91%          | 5.089%        |
| 16        | 14.045      | 1872          | 1880        | 1887         | rBV      | 2288391        | 3365406       | 52.73%          | 6.254%        |
| 17        | 14.351      | 1926          | 1932        | 1942         | rVB2     | 1630585        | 2417541       | 37.88%          | 4.493%        |
| 18        | 14.545      | 1960          | 1965        | 1973         | rBV      | 124328         | 191885        | 3.01%           | 0.357%        |
| 19        | 15.187      | 2067          | 2074        | 2078         | rBV      | 20494          | 30057         | 0.47%           | 0.056%        |
| 20        | 15.351      | 2094          | 2102        | 2108         | rBV      | 3083956        | 4454792       | 69.80%          | 8.279%        |
| 21        | 15.463      | 2115          | 2121        | 2131         | rBV      | 722343         | 948956        | 14.87%          | 1.764%        |
| 22        | 15.586      | 2137          | 2142        | 2146         | rBV      | 31631          | 43335         | 0.68%           | 0.081%        |
| 23        | 17.098      | 2393          | 2399        | 2408         | rVB2     | 2049366        | 2795447       | 43.80%          | 5.195%        |
| 24        | 17.198      | 2410          | 2416        | 2427         | rBV      | 3529061        | 4884735       | 76.54%          | 9.078%        |
| 25        | 17.398      | 2447          | 2450        | 2455         | rVB3     | 7945           | 9518          | 0.15%           | 0.018%        |
| 26        | 17.998      | 2549          | 2552        | 2557         | rBV3     | 19149          | 26396         | 0.41%           | 0.049%        |
| 27        | 19.127      | 2740          | 2744        | 2748         | rBV      | 36570          | 49459         | 0.77%           | 0.092%        |
| 28        | 19.286      | 2768          | 2771        | 2776         | rBV5     | 19146          | 20511         | 0.32%           | 0.038%        |
| 29        | 19.380      | 2783          | 2787        | 2791         | rVB      | 25823          | 31782         | 0.50%           | 0.059%        |
| 30        | 19.498      | 2800          | 2807        | 2816         | rBV      | 4086497        | 5708849       | 89.45%          | 10.609%       |
| 31        | 21.286      | 3106          | 3111        | 3121         | rBV      | 2844777        | 3514417       | 55.07%          | 6.531%        |
| 32        | 23.380      | 3460          | 3467        | 3474         | rBV      | 3394773        | 6381974       | 100.00%         | 11.860%       |
| 33        | 23.521      | 3484          | 3491        | 3503         | rVB2     | 1972546        | 3780419       | 59.24%          | 7.026%        |

## 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

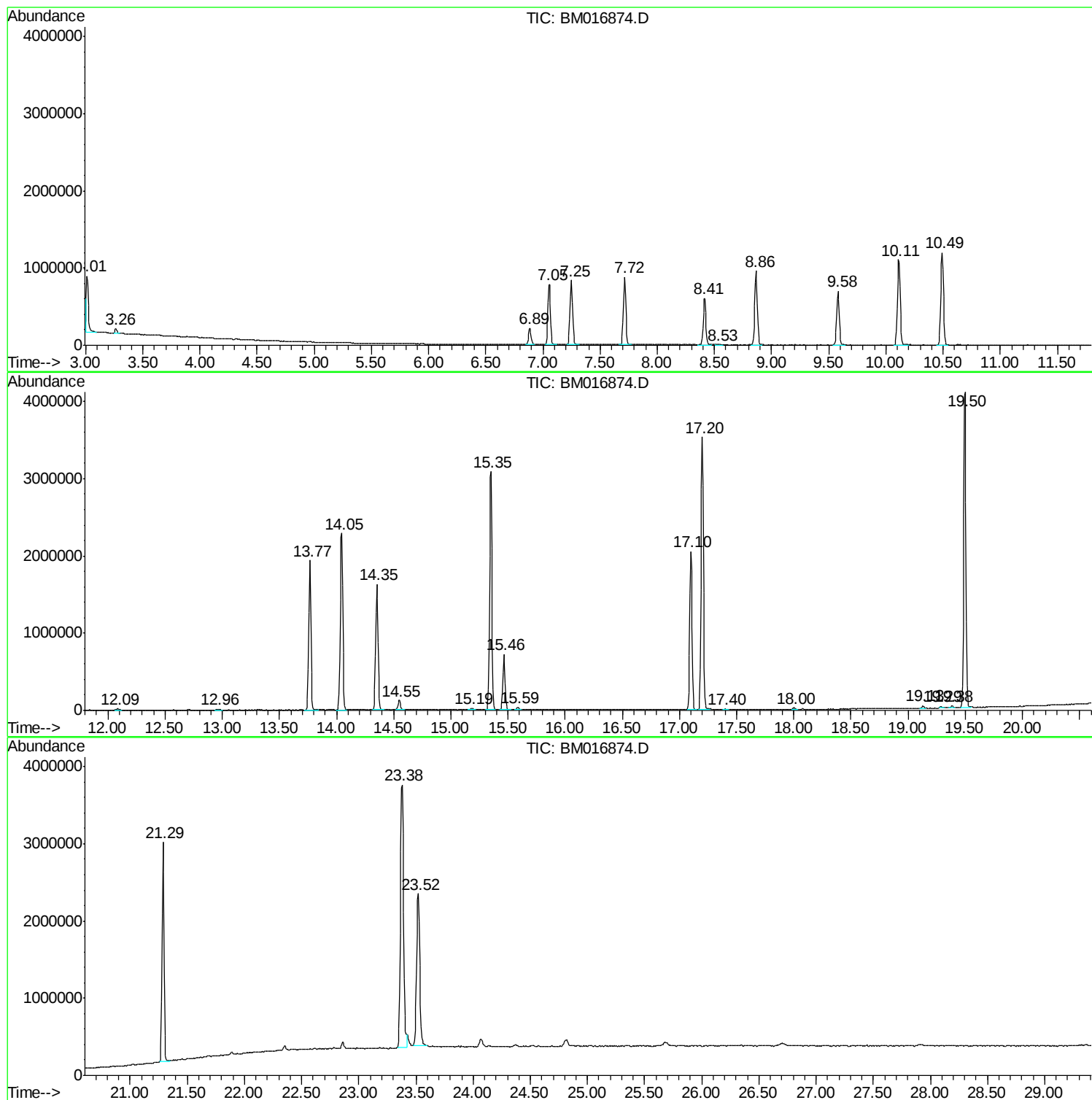
Sum of corrected areas: 53809536

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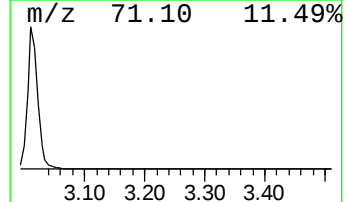
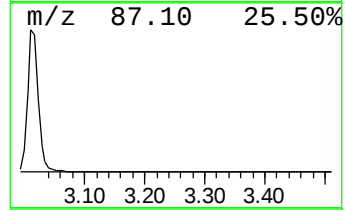
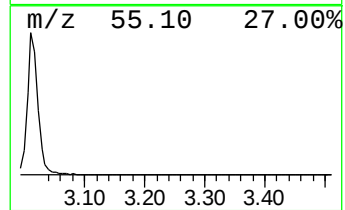
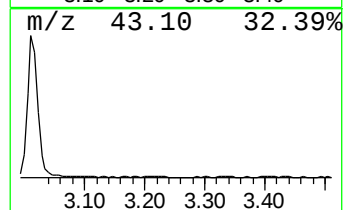
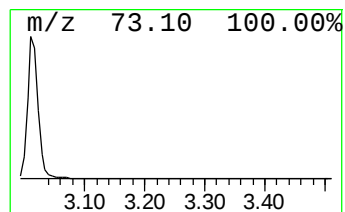
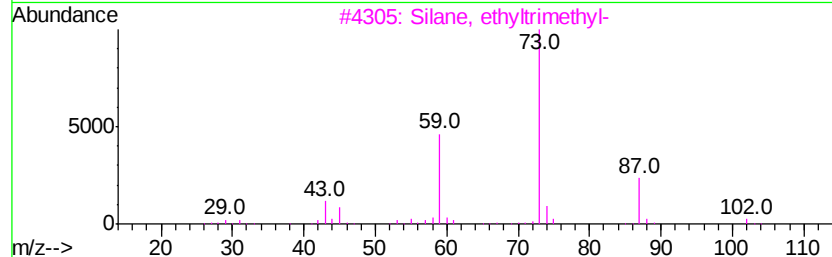
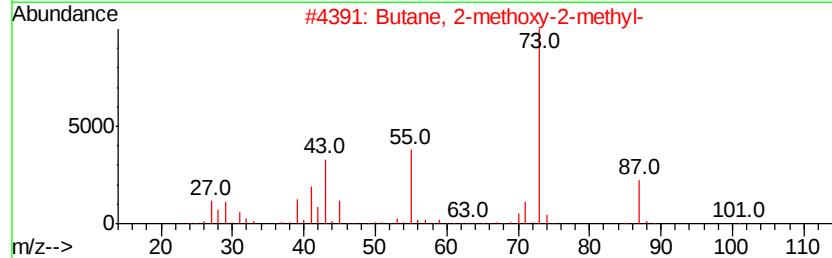
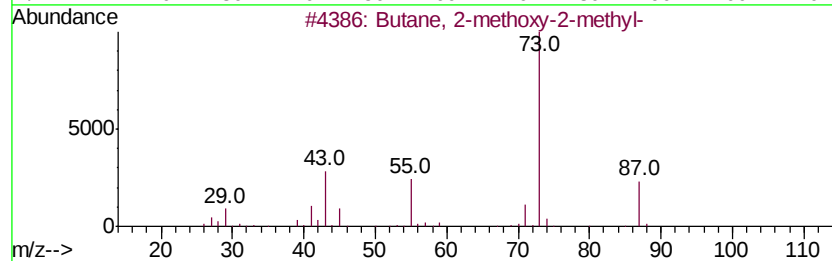
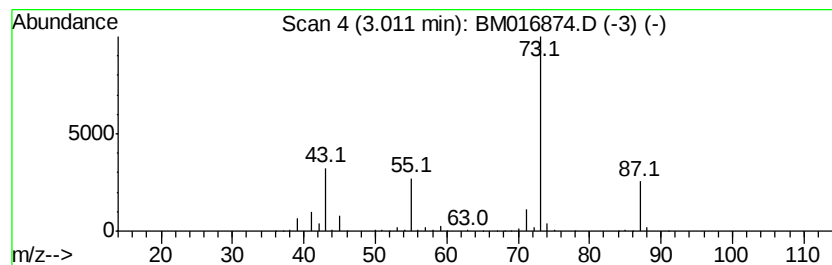
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 3.01 | 10.30 ng/ul | 711648 | 1,4-Dichlorobenzene-d4 | 7.72 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 64   |
| 3    |    |   | Silane, ethyltrimethyl-     | 102 | C5H14Si | 003439-38-1 | 33   |
| 4    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 10   |
| 5    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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TIC Library : C:\DATABASE\NIST02.L  
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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| Butane, 2-methoxy... | 3.01 | 10.3    | ng/ul | 711648   | 1                     | 7.72 | 1381580 | 20.0 |