

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\  
 Data File : BM004443.D  
 Acq On : 27 Feb 2016 01:28  
 Operator : SJ/UM  
 Sample : H1564-17  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9R36

## Integration Parameters: LSCINT.P

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

Filtering: 5  
 Min Area: 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-BM022216.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      | 2.734    | 3          | 8        | 18        | rVV   | 46458       | 82686      | 23.83%       | 2.445%     |
| 2      | 2.816    | 18         | 22       | 31        | rVB   | 44028       | 54782      | 15.79%       | 1.620%     |
| 3      | 6.804    | 696        | 700      | 712       | rBB   | 31131       | 50312      | 14.50%       | 1.488%     |
| 4      | 6.951    | 720        | 725      | 733       | rBB   | 30550       | 46425      | 13.38%       | 1.373%     |
| 5      | 7.151    | 754        | 759      | 768       | rBB   | 39945       | 59935      | 17.27%       | 1.772%     |
| 6      | 7.616    | 832        | 838      | 845       | rBB   | 88983       | 140341     | 40.44%       | 4.150%     |
| 7      | 8.339    | 956        | 961      | 972       | rBB   | 41171       | 66582      | 19.19%       | 1.969%     |
| 8      | 8.775    | 1030       | 1035     | 1044      | rBB   | 32593       | 52026      | 14.99%       | 1.538%     |
| 9      | 9.498    | 1153       | 1158     | 1165      | rBB   | 25363       | 38597      | 11.12%       | 1.141%     |
| 10     | 10.045   | 1245       | 1251     | 1264      | rBB   | 35863       | 63441      | 18.28%       | 1.876%     |
| 11     | 10.398   | 1305       | 1311     | 1321      | rBB   | 127034      | 205740     | 59.29%       | 6.084%     |
| 12     | 10.551   | 1331       | 1337     | 1354      | rBB   | 36773       | 64978      | 18.73%       | 1.921%     |
| 13     | 13.686   | 1865       | 1870     | 1875      | rBV   | 80572       | 111268     | 32.06%       | 3.290%     |
| 14     | 13.739   | 1875       | 1879     | 1884      | rVB   | 22159       | 30104      | 8.68%        | 0.890%     |
| 15     | 13.968   | 1912       | 1918     | 1929      | rBB   | 101424      | 144048     | 41.51%       | 4.259%     |
| 16     | 14.280   | 1965       | 1971     | 1977      | rBB2  | 166666      | 251933     | 72.60%       | 7.450%     |
| 17     | 14.545   | 2013       | 2016     | 2029      | rBB3  | 5376        | 13414      | 3.87%        | 0.397%     |
| 18     | 15.133   | 2113       | 2116     | 2118      | rBB   | 3291        | 3523       | 1.02%        | 0.104%     |
| 19     | 15.274   | 2135       | 2140     | 2148      | rBB   | 128439      | 179882     | 51.84%       | 5.319%     |
| 20     | 15.433   | 2164       | 2167     | 2172      | rBB   | 4421        | 5091       | 1.47%        | 0.151%     |
| 21     | 15.992   | 2259       | 2262     | 2265      | rBV   | 3467        | 3767       | 1.09%        | 0.111%     |
| 22     | 17.033   | 2433       | 2439     | 2445      | rBV2  | 197228      | 269420     | 77.64%       | 7.967%     |
| 23     | 17.133   | 2450       | 2456     | 2468      | rBB   | 129711      | 183004     | 52.74%       | 5.411%     |
| 24     | 19.439   | 2843       | 2848     | 2856      | rBV   | 168934      | 215809     | 62.19%       | 6.381%     |
| 25     | 20.597   | 3042       | 3045     | 3048      | rBV3  | 2358        | 3539       | 1.02%        | 0.105%     |
| 26     | 20.944   | 3100       | 3104     | 3111      | rBV2  | 10025       | 18361      | 5.29%        | 0.543%     |
| 27     | 21.244   | 3150       | 3155     | 3162      | rBV   | 257033      | 331832     | 95.63%       | 9.812%     |
| 28     | 22.391   | 3346       | 3350     | 3353      | rBV2  | 7192        | 10143      | 2.92%        | 0.300%     |
| 29     | 22.762   | 3409       | 3413     | 3417      | rVB3  | 7890        | 11514      | 3.32%        | 0.340%     |
| 30     | 23.321   | 3501       | 3508     | 3517      | rVB   | 135691      | 251855     | 72.58%       | 7.447%     |
| 31     | 23.462   | 3525       | 3532     | 3541      | rBV2  | 190070      | 347008     | 100.00%      | 10.261%    |
| 32     | 23.944   | 3609       | 3614     | 3620      | rVB   | 13457       | 22274      | 6.42%        | 0.659%     |
| 33     | 24.668   | 3733       | 3737     | 3743      | rBV2  | 11314       | 20572      | 5.93%        | 0.608%     |
| 34     | 25.515   | 3877       | 3881     | 3890      | rVB6  | 11420       | 27623      | 7.96%        | 0.817%     |

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Integration Parameters: LSCINT.P  
Integrator: RTE  
Smoothing : OFF Filtering: 5  
Sampling : 1 Min Area: 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:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM022216.M  
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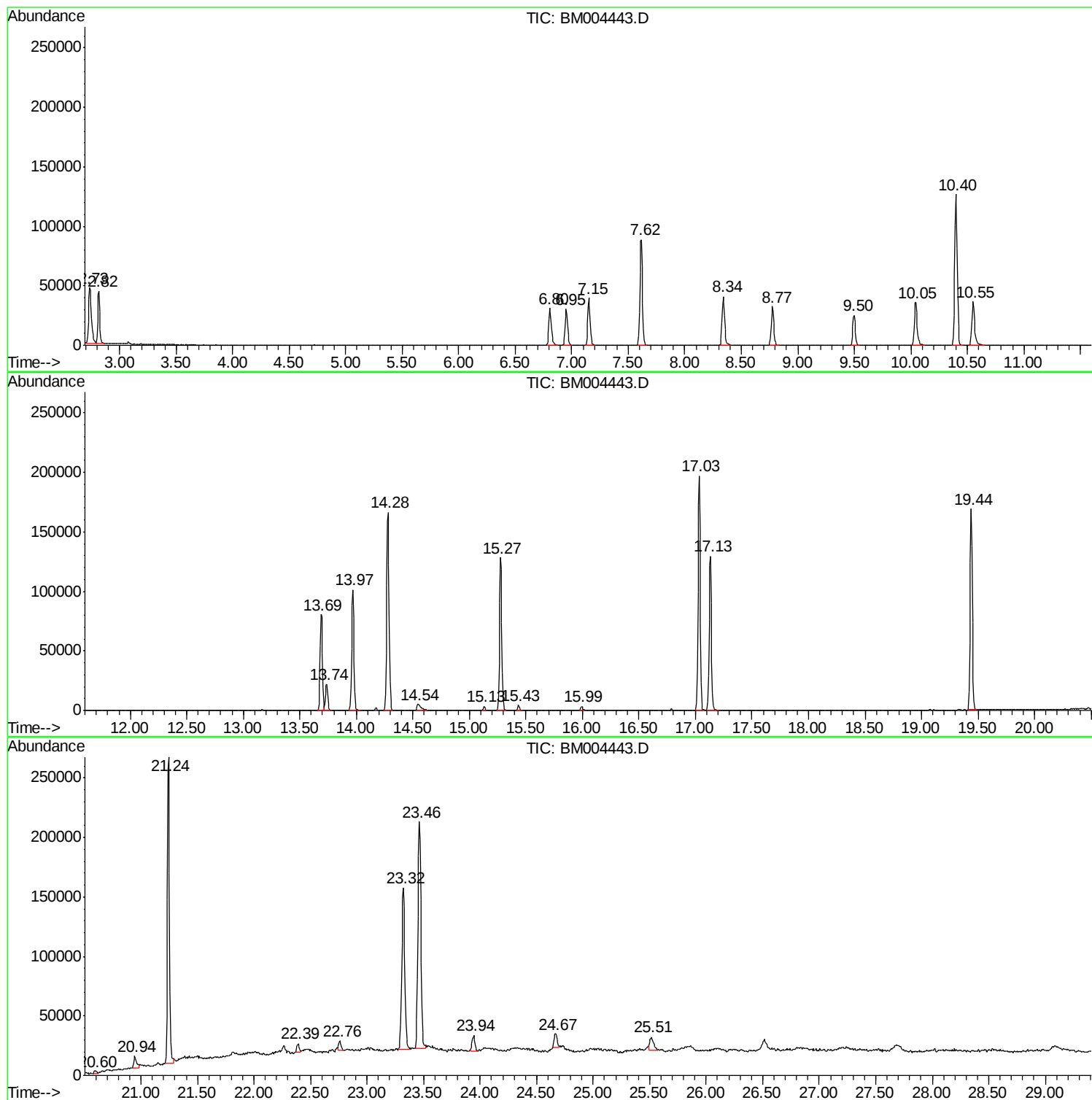
Sum of corrected areas: 3381829

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
BNA\_M  
ClientSampled :  
D9R36

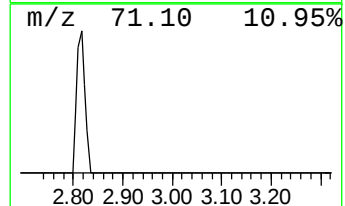
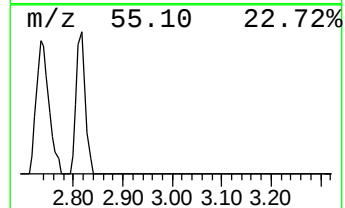
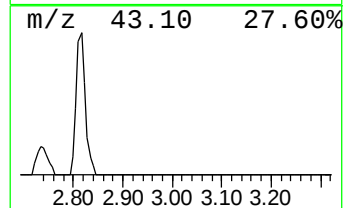
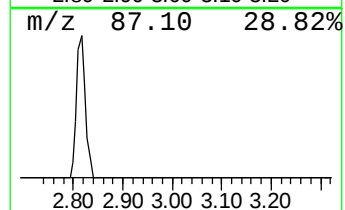
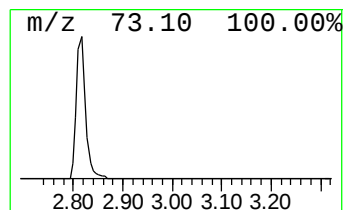
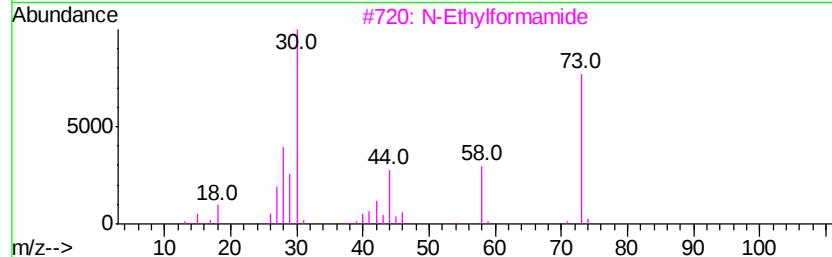
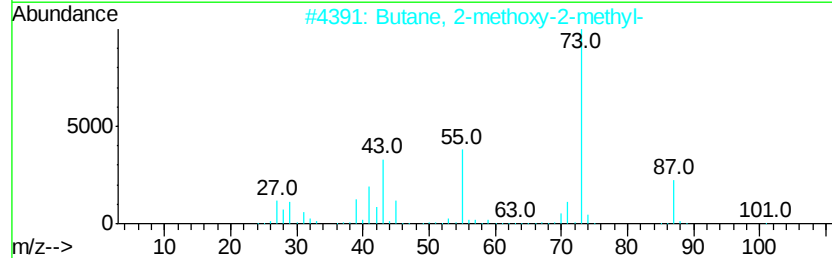
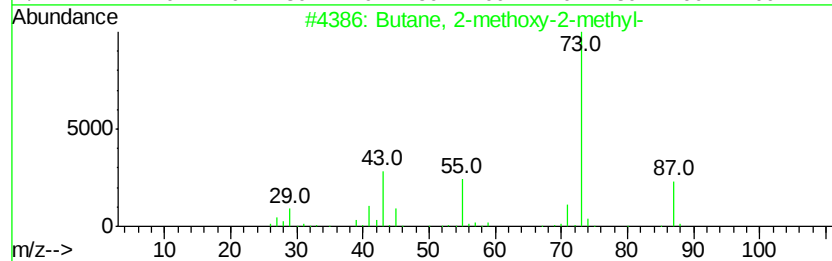
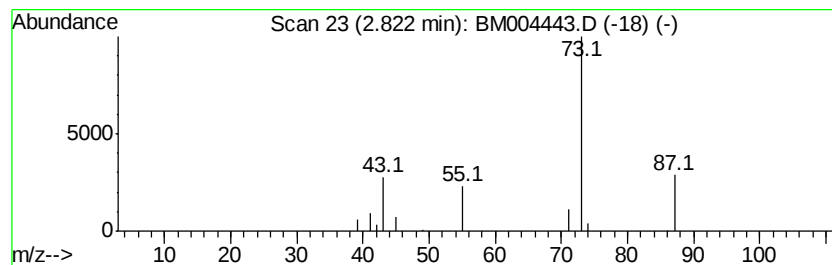
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 2.82 | 7.81 ng/ul | 54782 | 1,4-Dichlorobenzene-d4 | 7.62 |

| 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 | 83   |
| 3    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 4    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 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... | 2.82 | 7.8     | ng/ul | 54782    | 1                     | 7.62 | 140341 | 20.0 |