

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\  
 Data File : BM016758.D  
 Acq On : 14 Sep 2018 17:59  
 Operator : SJ/JU  
 Sample : J4885-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 H2TS2

## 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         | 3.022       | 3             | 6           | 30           | rVB      | 5228175        | 6215350       | 100.00%         | 15.910%       |
| 2         | 3.275       | 45            | 49          | 53           | rVB      | 28251          | 35655         | 0.57%           | 0.091%        |
| 3         | 3.540       | 91            | 94          | 100          | rBV4     | 8141           | 11725         | 0.19%           | 0.030%        |
| 4         | 3.775       | 131           | 134         | 139          | rVB5     | 5884           | 8162          | 0.13%           | 0.021%        |
| 5         | 3.893       | 150           | 154         | 162          | rVB      | 33929          | 50745         | 0.82%           | 0.130%        |
| 6         | 4.199       | 204           | 206         | 210          | rVB4     | 7391           | 8755          | 0.14%           | 0.022%        |
| 7         | 4.604       | 271           | 275         | 278          | rVB5     | 4811           | 8214          | 0.13%           | 0.021%        |
| 8         | 4.887       | 318           | 323         | 329          | rBV3     | 15795          | 25656         | 0.41%           | 0.066%        |
| 9         | 6.722       | 627           | 635         | 639          | rVB5     | 3637           | 7135          | 0.11%           | 0.018%        |
| 10        | 6.898       | 656           | 665         | 675          | rBV      | 451018         | 758255        | 12.20%          | 1.941%        |
| 11        | 7.069       | 687           | 694         | 703          | rBV      | 359584         | 536433        | 8.63%           | 1.373%        |
| 12        | 7.263       | 719           | 727         | 736          | rBV      | 447621         | 695286        | 11.19%          | 1.780%        |
| 13        | 7.363       | 740           | 744         | 750          | rVB6     | 3914           | 6421          | 0.10%           | 0.016%        |
| 14        | 7.734       | 799           | 807         | 814          | rVV      | 841236         | 1342549       | 21.60%          | 3.437%        |
| 15        | 7.798       | 814           | 818         | 824          | rVB4     | 5515           | 8686          | 0.14%           | 0.022%        |
| 16        | 8.428       | 919           | 925         | 934          | rBV      | 514400         | 797429        | 12.83%          | 2.041%        |
| 17        | 8.551       | 942           | 946         | 952          | rVB4     | 6267           | 8762          | 0.14%           | 0.022%        |
| 18        | 8.881       | 993           | 1002        | 1009         | rBV      | 395390         | 618437        | 9.95%           | 1.583%        |
| 19        | 9.316       | 1073          | 1076        | 1084         | rVB4     | 4971           | 7960          | 0.13%           | 0.020%        |
| 20        | 9.598       | 1117          | 1124        | 1132         | rVB      | 240658         | 382511        | 6.15%           | 0.979%        |
| 21        | 10.128      | 1208          | 1214        | 1222         | rBV      | 481441         | 785977        | 12.65%          | 2.012%        |
| 22        | 10.369      | 1251          | 1255        | 1260         | rVB3     | 8080           | 12029         | 0.19%           | 0.031%        |
| 23        | 10.510      | 1272          | 1279        | 1287         | rBV      | 1167697        | 1907381       | 30.69%          | 4.883%        |
| 24        | 10.645      | 1295          | 1302        | 1311         | rBV      | 485571         | 824338        | 13.26%          | 2.110%        |
| 25        | 11.057      | 1369          | 1372        | 1376         | rBV3     | 6975           | 9722          | 0.16%           | 0.025%        |
| 26        | 11.122      | 1376          | 1383        | 1388         | rVV3     | 6824           | 11238         | 0.18%           | 0.029%        |
| 27        | 11.251      | 1400          | 1405        | 1410         | rBV3     | 5995           | 10008         | 0.16%           | 0.026%        |
| 28        | 11.516      | 1446          | 1450        | 1459         | rVB5     | 8247           | 17440         | 0.28%           | 0.045%        |
| 29        | 12.098      | 1544          | 1549        | 1555         | rBV2     | 8320           | 11320         | 0.18%           | 0.029%        |
| 30        | 12.727      | 1651          | 1656        | 1661         | rVB7     | 4323           | 6632          | 0.11%           | 0.017%        |
| 31        | 12.975      | 1695          | 1698        | 1703         | rBV3     | 4982           | 7791          | 0.13%           | 0.020%        |
| 32        | 13.639      | 1807          | 1811        | 1817         | rVB3     | 18819          | 24161         | 0.39%           | 0.062%        |
| 33        | 13.786      | 1829          | 1836        | 1840         | rBV      | 836600         | 1174976       | 18.90%          | 3.008%        |
| 34        | 13.827      | 1840          | 1843        | 1852         | rVB      | 228529         | 316038        | 5.08%           | 0.809%        |

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 Peak separation: 5

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

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 14.057 | 1874 | 1882 | 1889 | rBV  | 939613  | 1385110 | 22.29% | 3.546% |
| 36 | 14.369 | 1928 | 1935 | 1946 | rVB2 | 1600010 | 2331015 | 37.50% | 5.967% |
| 37 | 14.563 | 1961 | 1968 | 1975 | rBV  | 258358  | 382250  | 6.15%  | 0.978% |
| 38 | 14.792 | 2002 | 2007 | 2011 | rBV5 | 6954    | 9804    | 0.16%  | 0.025% |
| 39 | 15.186 | 2069 | 2074 | 2078 | rBV2 | 7266    | 10240   | 0.16%  | 0.026% |
| 40 | 15.363 | 2098 | 2104 | 2112 | rBV  | 1279837 | 1830964 | 29.46% | 4.687% |
| 41 | 15.474 | 2117 | 2123 | 2131 | rBV  | 194692  | 276051  | 4.44%  | 0.707% |
| 42 | 15.604 | 2141 | 2145 | 2149 | rBV2 | 12482   | 17332   | 0.28%  | 0.044% |
| 43 | 16.386 | 2272 | 2278 | 2283 | rVB5 | 4800    | 9746    | 0.16%  | 0.025% |
| 44 | 16.904 | 2362 | 2366 | 2369 | rBV2 | 7842    | 10547   | 0.17%  | 0.027% |
| 45 | 17.115 | 2396 | 2402 | 2409 | rBV2 | 1853457 | 2611009 | 42.01% | 6.684% |
| 46 | 17.215 | 2412 | 2419 | 2428 | rBV  | 1391964 | 1906536 | 30.67% | 4.880% |
| 47 | 17.633 | 2487 | 2490 | 2496 | rBV5 | 3405    | 6715    | 0.11%  | 0.017% |
| 48 | 18.027 | 2552 | 2557 | 2561 | rBV3 | 77474   | 104862  | 1.69%  | 0.268% |
| 49 | 18.086 | 2564 | 2567 | 2573 | rVB3 | 9790    | 15699   | 0.25%  | 0.040% |
| 50 | 18.333 | 2605 | 2609 | 2611 | rBV4 | 7040    | 9942    | 0.16%  | 0.025% |
| 51 | 18.968 | 2714 | 2717 | 2724 | rBV8 | 10997   | 18067   | 0.29%  | 0.046% |
| 52 | 19.151 | 2743 | 2748 | 2751 | rBV2 | 13791   | 24145   | 0.39%  | 0.062% |
| 53 | 19.309 | 2771 | 2775 | 2783 | rBV5 | 35413   | 48615   | 0.78%  | 0.124% |
| 54 | 19.398 | 2787 | 2790 | 2794 | rVB3 | 12270   | 19391   | 0.31%  | 0.050% |
| 55 | 19.509 | 2803 | 2809 | 2819 | rBV  | 1717618 | 2275015 | 36.60% | 5.824% |
| 56 | 20.403 | 2958 | 2961 | 2965 | rVB4 | 18127   | 20407   | 0.33%  | 0.052% |
| 57 | 20.998 | 3059 | 3062 | 3065 | rBV4 | 31493   | 38180   | 0.61%  | 0.098% |
| 58 | 21.039 | 3065 | 3069 | 3076 | rVV4 | 105087  | 150797  | 2.43%  | 0.386% |
| 59 | 21.303 | 3109 | 3114 | 3123 | rBV  | 2630026 | 3213702 | 51.71% | 8.227% |
| 60 | 22.903 | 3383 | 3386 | 3391 | rBV3 | 85256   | 112110  | 1.80%  | 0.287% |
| 61 | 23.397 | 3464 | 3470 | 3479 | rBV  | 1295354 | 2316344 | 37.27% | 5.929% |
| 62 | 23.544 | 3488 | 3495 | 3505 | rVB  | 1773577 | 3257327 | 52.41% | 8.338% |

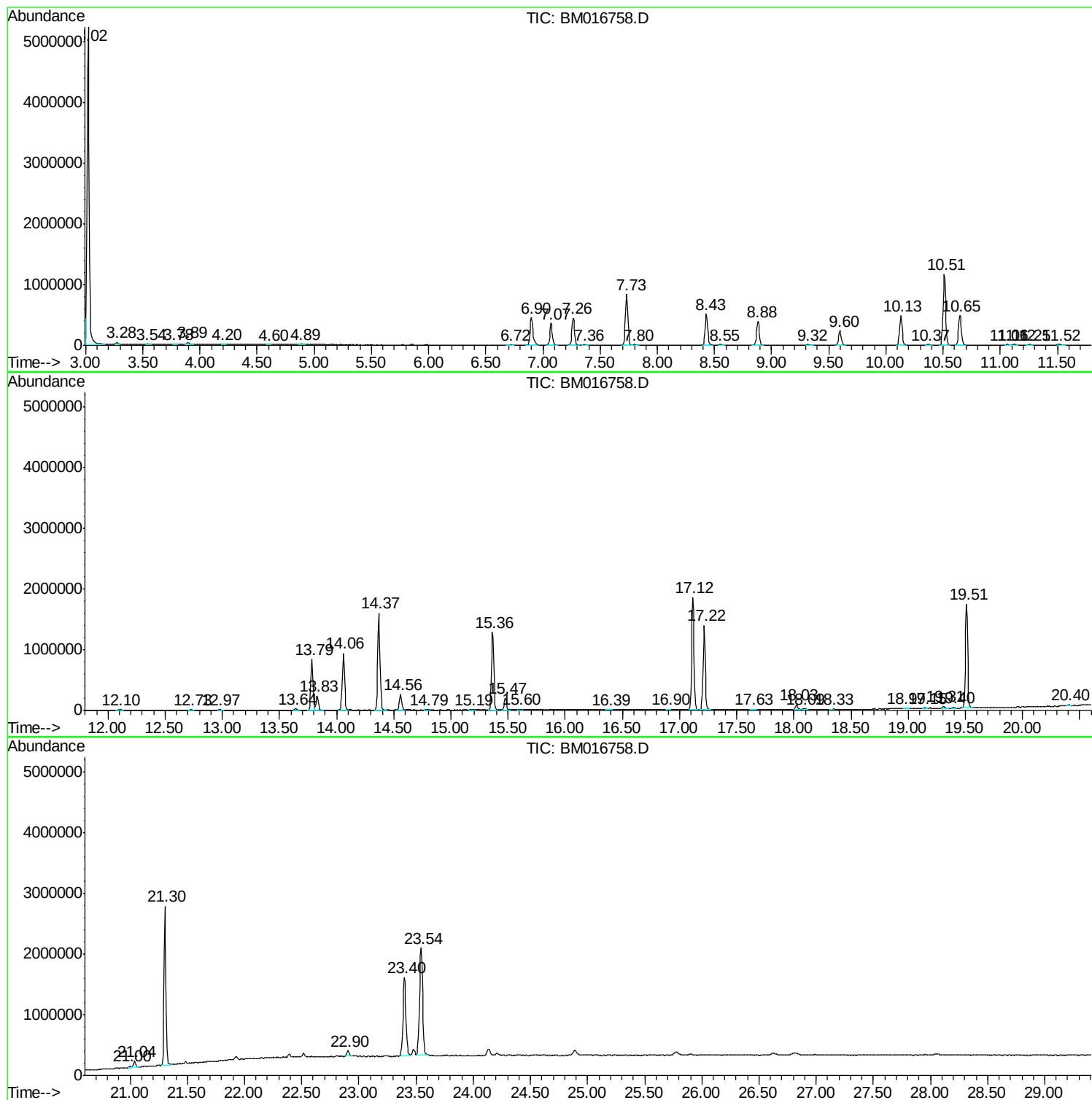
Sum of corrected areas: 39065099

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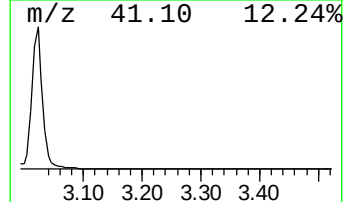
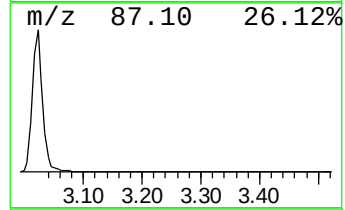
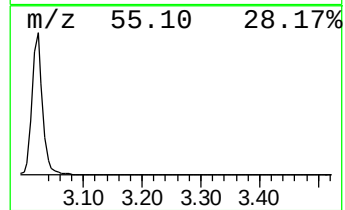
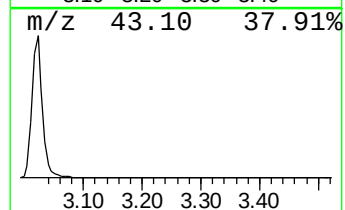
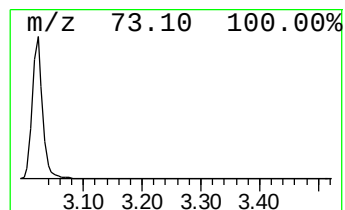
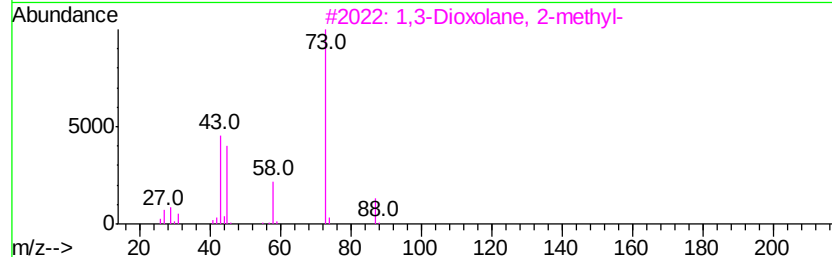
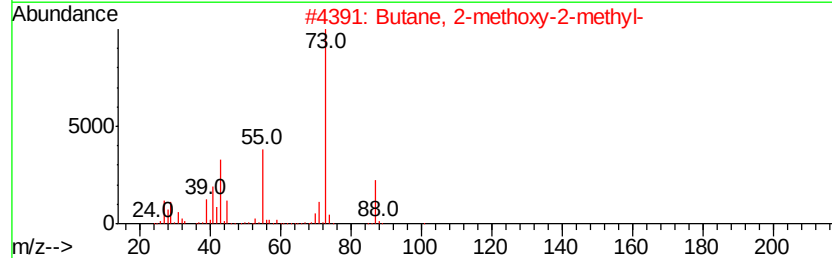
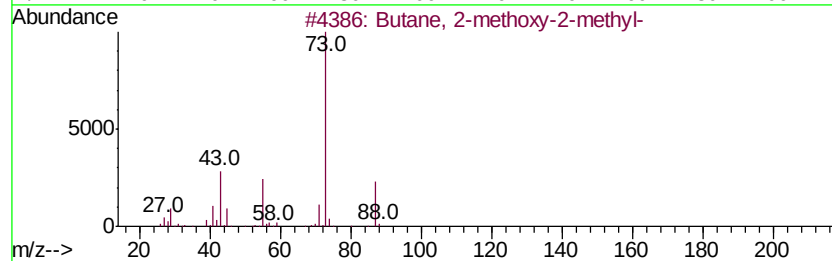
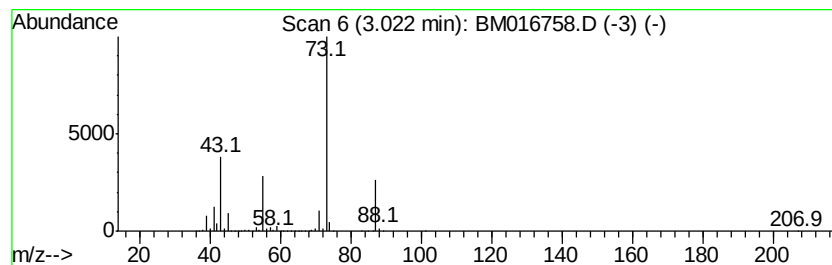
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
Quant Title : SVOA CALIBRATION

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 | 92.59 ng/ul | 6215350 | 1,4-Dichlorobenzene-d4 | 7.73 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 56   |
| 3    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 4    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 22   |
| 5    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| Butane, 2-methoxy... | 3.02 | 92.6    | ng/ul | 6215350  | 1                     | 7.73 | 1342550 | 20.0 |