

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\  
 Data File : BM000341.D  
 Acq On : 24 Jan 2015 19:47  
 Operator : TP/IZ  
 Sample : G1134-17  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AB4

## 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\SOM01.2-EPA-BM012315.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         | 2.975       | 45            | 49          | 57           | rBV2     | 353249         | 639702        | 2.51%           | 1.037%        |
| 2         | 3.046       | 58            | 61          | 72           | rVB      | 340459         | 491226        | 1.92%           | 0.796%        |
| 3         | 3.275       | 96            | 100         | 108          | rBV      | 494145         | 753027        | 2.95%           | 1.220%        |
| 4         | 4.557       | 312           | 318         | 332          | rVB      | 16025897       | 25521847      | 100.00%         | 41.361%       |
| 5         | 6.975       | 725           | 729         | 734          | rVB2     | 90960          | 149261        | 0.58%           | 0.242%        |
| 6         | 7.145       | 753           | 758         | 765          | rBV      | 291975         | 465679        | 1.82%           | 0.755%        |
| 7         | 7.345       | 786           | 792         | 800          | rVB      | 308023         | 504232        | 1.98%           | 0.817%        |
| 8         | 7.810       | 865           | 871         | 881          | rVB      | 479205         | 760360        | 2.98%           | 1.232%        |
| 9         | 8.510       | 985           | 990         | 998          | rVB      | 264914         | 413583        | 1.62%           | 0.670%        |
| 10        | 8.969       | 1061          | 1068        | 1074         | rVB      | 500424         | 828561        | 3.25%           | 1.343%        |
| 11        | 9.686       | 1184          | 1190        | 1199         | rVB      | 342138         | 565413        | 2.22%           | 0.916%        |
| 12        | 10.216      | 1273          | 1280        | 1289         | rBV      | 486815         | 820700        | 3.22%           | 1.330%        |
| 13        | 10.598      | 1338          | 1345        | 1354         | rVB      | 639710         | 1094720       | 4.29%           | 1.774%        |
| 14        | 13.857      | 1893          | 1899        | 1908         | rBV      | 1355607        | 1849250       | 7.25%           | 2.997%        |
| 15        | 14.063      | 1926          | 1934        | 1941         | rBV      | 224764         | 364428        | 1.43%           | 0.591%        |
| 16        | 14.139      | 1941          | 1947        | 1957         | rVB      | 1353403        | 1917944       | 7.51%           | 3.108%        |
| 17        | 14.451      | 1993          | 2000        | 2007         | rVB      | 1098408        | 1618279       | 6.34%           | 2.623%        |
| 18        | 14.639      | 2027          | 2032        | 2040         | rBV      | 105454         | 161600        | 0.63%           | 0.262%        |
| 19        | 15.439      | 2162          | 2168        | 2176         | rVB      | 1808080        | 2563833       | 10.05%          | 4.155%        |
| 20        | 15.557      | 2181          | 2188        | 2197         | rBV      | 593551         | 751704        | 2.95%           | 1.218%        |
| 21        | 17.192      | 2459          | 2466        | 2473         | rBV      | 1611457        | 2211494       | 8.67%           | 3.584%        |
| 22        | 17.292      | 2477          | 2483        | 2490         | rVV      | 2281630        | 3162383       | 12.39%          | 5.125%        |
| 23        | 18.080      | 2611          | 2617        | 2624         | rBV5     | 21102          | 37988         | 0.15%           | 0.062%        |
| 24        | 19.356      | 2828          | 2834        | 2842         | rBV8     | 25585          | 42902         | 0.17%           | 0.070%        |
| 25        | 19.474      | 2850          | 2854        | 2859         | rBV4     | 17992          | 25891         | 0.10%           | 0.042%        |
| 26        | 19.586      | 2867          | 2873        | 2881         | rBV      | 2801523        | 3871008       | 15.17%          | 6.273%        |
| 27        | 21.380      | 3173          | 3178        | 3186         | rBV      | 2383807        | 3002535       | 11.76%          | 4.866%        |
| 28        | 23.521      | 3534          | 3542        | 3554         | rBV2     | 2211070        | 4062035       | 15.92%          | 6.583%        |
| 29        | 23.668      | 3560          | 3567        | 3577         | rVB      | 1563321        | 2962172       | 11.61%          | 4.801%        |
| 30        | 24.538      | 3710          | 3715        | 3723         | rVB9     | 40471          | 90945         | 0.36%           | 0.147%        |

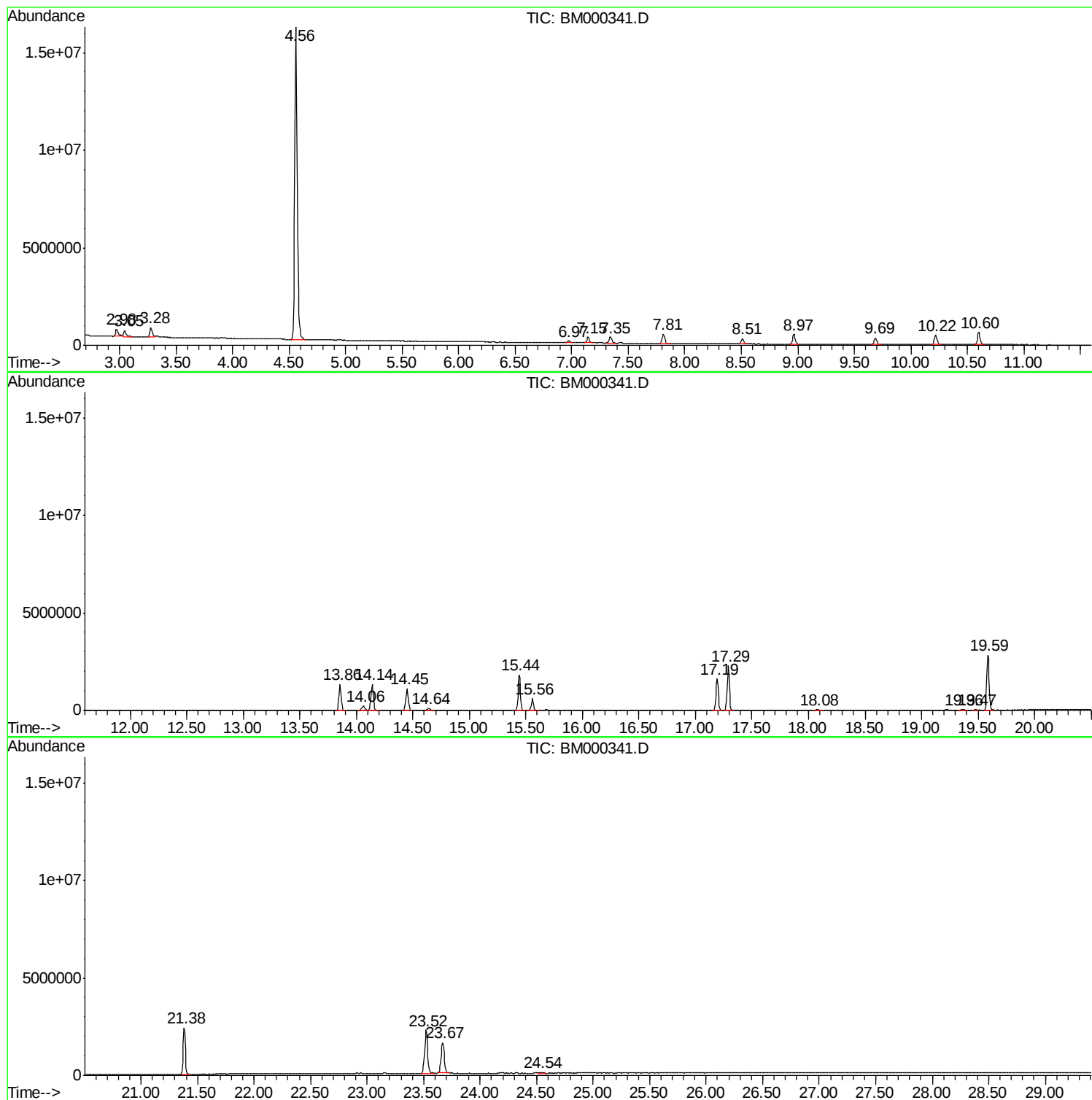
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM012315.M  
Quant Title : SVOA CALIBRATION

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



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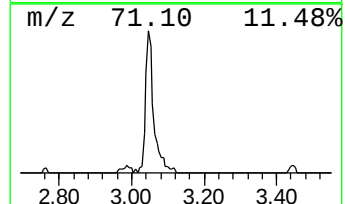
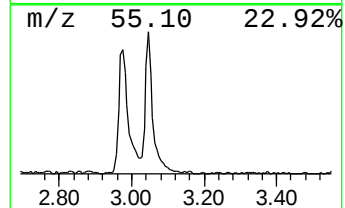
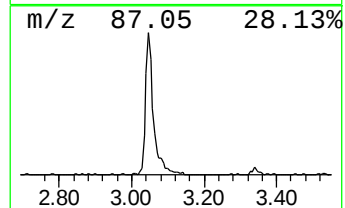
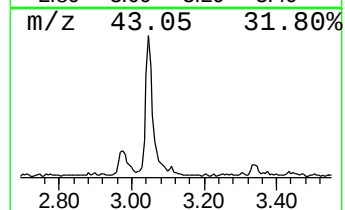
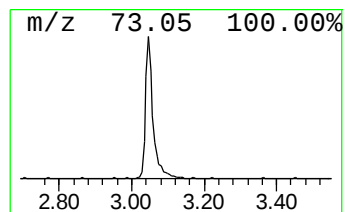
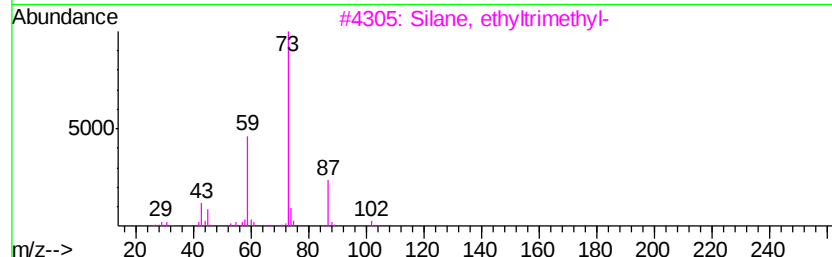
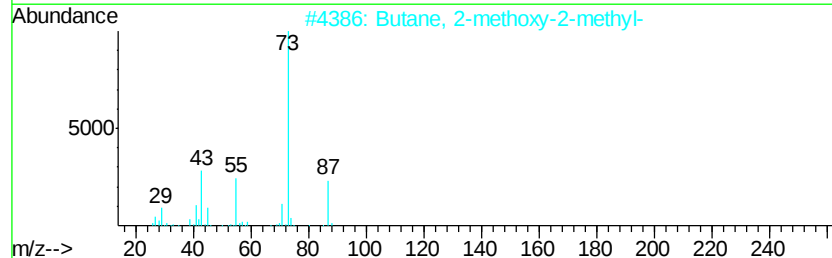
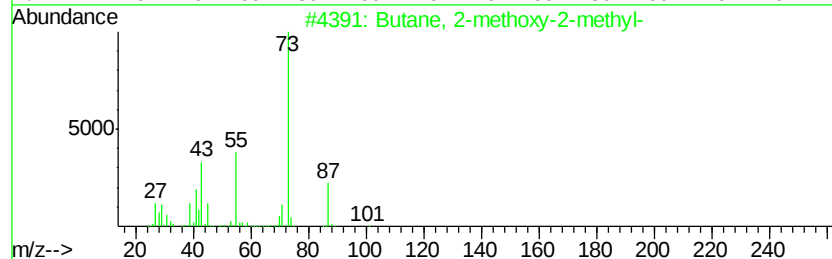
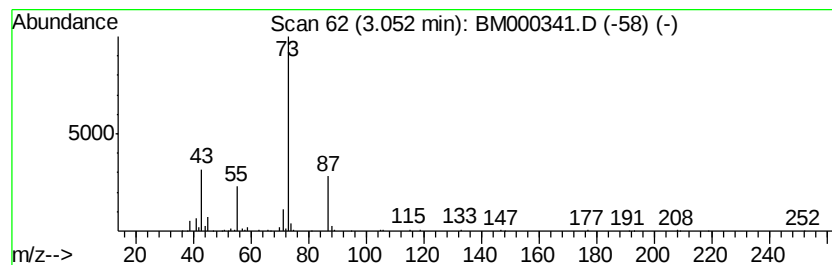
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 3.05 | 12.92 ng/ul | 491226 | 1,4-Dichlorobenzene-d4 | 7.81 |

| 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 | 78   |
| 3    |    | Silane, ethyltrimethyl-     | 102 | C5H14Si | 003439-38-1 | 36   |
| 4    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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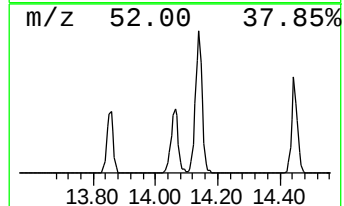
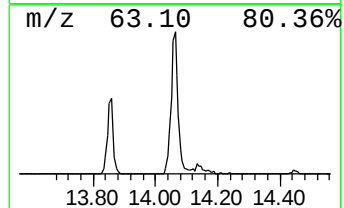
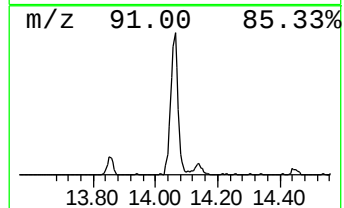
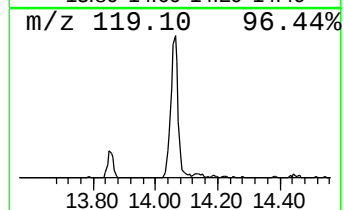
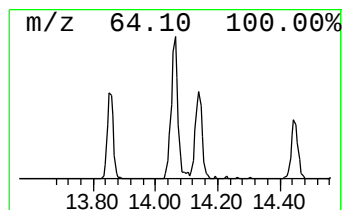
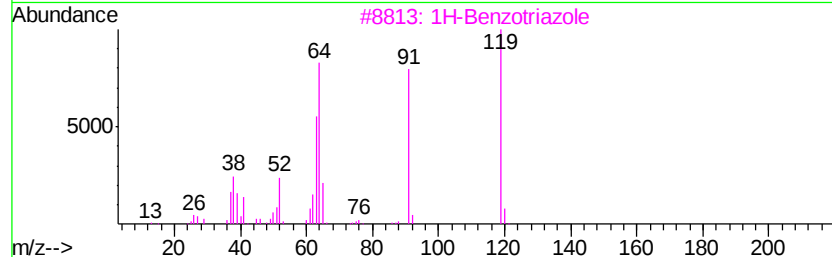
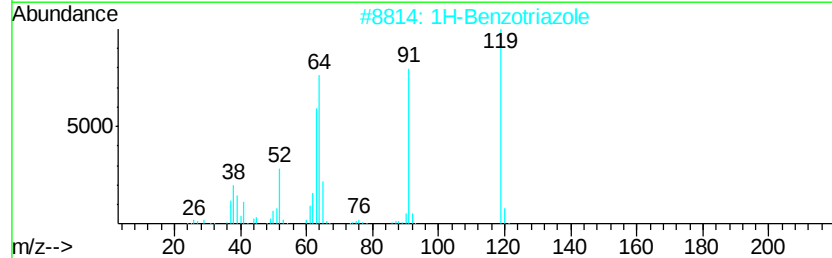
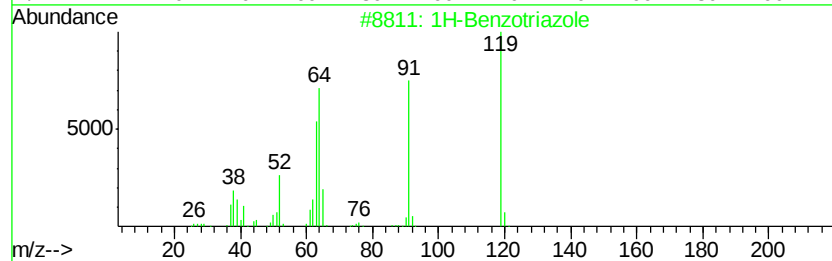
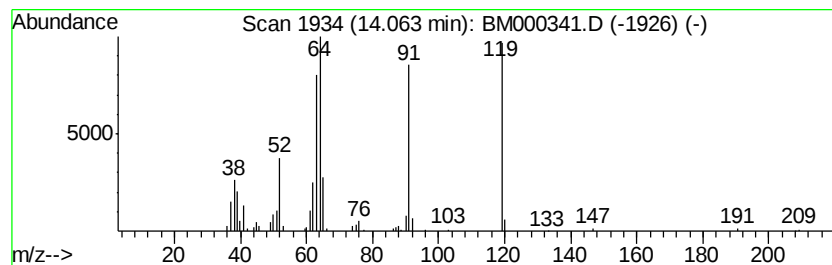
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Peak Number 4 1H-Benzotriazole Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 14.06 | 4.50 ng/ul | 364428 | Acenaphthene-d10 | 14.45 |

| Hit# | of | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|------------------|-----|---------|-------------|------|
| 1    | 5  | 1H-Benzotriazole | 119 | C6H5N3  | 027556-51-0 | 98   |
| 2    |    | 1H-Benzotriazole | 119 | C6H5N3  | 000095-14-7 | 97   |
| 3    |    | 1H-Benzotriazole | 119 | C6H5N3  | 000095-14-7 | 90   |
| 4    |    | Benzoxazole      | 119 | C7H5NO  | 000273-53-0 | 90   |
| 5    |    | 1H-Benzotriazole | 119 | C6H5N3  | 000095-14-7 | 89   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-methoxy... | 3.05  | 12.9    | ng/ul | 491226   | 1                     | 7.81  | 760360  | 20.0 |
| 1H-Benzotriazole     | 14.06 | 4.5     | ng/ul | 364428   | 3                     | 14.45 | 1618280 | 20.0 |