

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM031115\  
 Data File : BM000693.D  
 Acq On : 11 Mar 2015 15:27  
 Operator : TP/IZ  
 Sample : PB82009BL  
 Misc : SBLK34  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK34

## 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\SOM02.2-EPA-BM031115.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         | 2.781       | 11            | 16          | 26           | rBV      | 232323         | 351604        | 10.26%          | 1.053%        |
| 2         | 2.858       | 26            | 29          | 40           | rVB      | 114715         | 144822        | 4.23%           | 0.434%        |
| 3         | 3.116       | 70            | 73          | 79           | rVB2     | 35032          | 45497         | 1.33%           | 0.136%        |
| 4         | 3.675       | 164           | 168         | 172          | rVB3     | 15423          | 19368         | 0.57%           | 0.058%        |
| 5         | 4.775       | 352           | 355         | 356          | rBV2     | 2810           | 3743          | 0.11%           | 0.011%        |
| 6         | 5.869       | 538           | 541         | 547          | rVB3     | 4020           | 5952          | 0.17%           | 0.018%        |
| 7         | 6.822       | 696           | 703         | 714          | rBV      | 577306         | 905037        | 26.42%          | 2.710%        |
| 8         | 6.987       | 725           | 731         | 745          | rBV      | 453138         | 699066        | 20.41%          | 2.093%        |
| 9         | 7.181       | 757           | 764         | 776          | rBV      | 579605         | 910535        | 26.58%          | 2.726%        |
| 10        | 7.275       | 776           | 780         | 784          | rVB3     | 14313          | 18834         | 0.55%           | 0.056%        |
| 11        | 7.651       | 837           | 844         | 852          | rBV      | 525999         | 818178        | 23.89%          | 2.450%        |
| 12        | 8.357       | 958           | 964         | 976          | rBV      | 693045         | 1117271       | 32.62%          | 3.345%        |
| 13        | 8.810       | 1033          | 1041        | 1049         | rBV      | 518101         | 823588        | 24.04%          | 2.466%        |
| 14        | 9.528       | 1157          | 1163        | 1174         | rVB      | 417923         | 660935        | 19.30%          | 1.979%        |
| 15        | 10.063      | 1247          | 1254        | 1263         | rBV      | 643603         | 1064584       | 31.08%          | 3.187%        |
| 16        | 10.439      | 1308          | 1318        | 1325         | rBV      | 685472         | 1142932       | 33.37%          | 3.422%        |
| 17        | 10.581      | 1335          | 1342        | 1356         | rBV      | 686192         | 1172463       | 34.23%          | 3.510%        |
| 18        | 13.722      | 1866          | 1876        | 1884         | rBV      | 1090051        | 1503668       | 43.90%          | 4.502%        |
| 19        | 13.998      | 1916          | 1923        | 1938         | rBV      | 1411585        | 1953416       | 57.03%          | 5.848%        |
| 20        | 14.310      | 1969          | 1976        | 1987         | rVB2     | 911578         | 1404220       | 41.00%          | 4.204%        |
| 21        | 14.510      | 2004          | 2010        | 2023         | rBV      | 414510         | 596318        | 17.41%          | 1.785%        |
| 22        | 15.304      | 2138          | 2145        | 2155         | rBV      | 1819753        | 2482849       | 72.48%          | 7.433%        |
| 23        | 15.427      | 2160          | 2166        | 2175         | rVV      | 519210         | 655256        | 19.13%          | 1.962%        |
| 24        | 15.539      | 2182          | 2185        | 2190         | rVB2     | 12361          | 16589         | 0.48%           | 0.050%        |
| 25        | 16.845      | 2403          | 2407        | 2410         | rBV3     | 4989           | 6423          | 0.19%           | 0.019%        |
| 26        | 17.051      | 2436          | 2442        | 2452         | rBV      | 1115603        | 1599739       | 46.70%          | 4.789%        |
| 27        | 17.151      | 2453          | 2459        | 2474         | rVV      | 2017400        | 2754445       | 80.41%          | 8.246%        |
| 28        | 19.021      | 2775          | 2777        | 2779         | rBV2     | 3723           | 3577          | 0.10%           | 0.011%        |
| 29        | 19.339      | 2827          | 2831        | 2837         | rVB2     | 12394          | 17052         | 0.50%           | 0.051%        |
| 30        | 19.456      | 2844          | 2851        | 2861         | rBV      | 2310907        | 3186932       | 93.04%          | 9.541%        |
| 31        | 20.056      | 2949          | 2953        | 2957         | rBV6     | 5025           | 10623         | 0.31%           | 0.032%        |
| 32        | 21.050      | 3119          | 3122        | 3127         | rBV3     | 12232          | 15500         | 0.45%           | 0.046%        |
| 33        | 21.250      | 3151          | 3156        | 3172         | rBV      | 1551394        | 1935300       | 56.50%          | 5.794%        |
| 34        | 22.280      | 3329          | 3331        | 3336         | rVB5     | 15530          | 22306         | 0.65%           | 0.067%        |

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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-BM031115.M  
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|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 23.321 | 3500 | 3508 | 3518 | rBV2 | 1856477 | 3425340 | 100.00% | 10.255% |
| 36 | 23.462 | 3524 | 3532 | 3542 | rBV  | 1035642 | 1907752 | 55.70%  | 5.712%  |

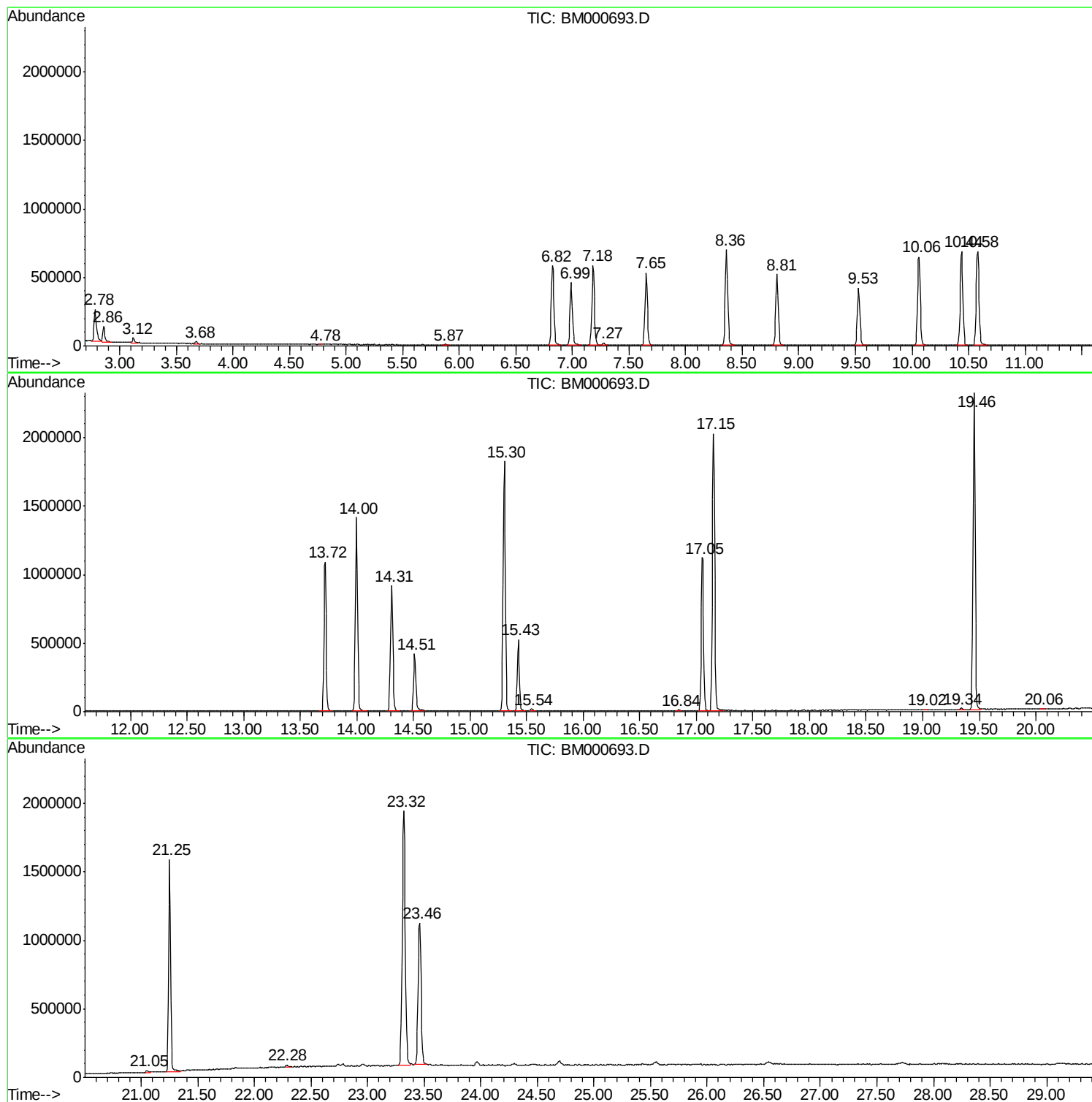
Sum of corrected areas: 33401714

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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM031115.M  
Quant Title : SVOA CALIBRATION

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



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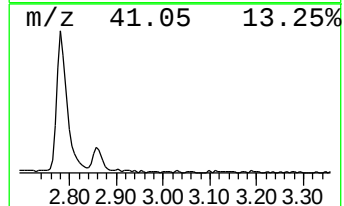
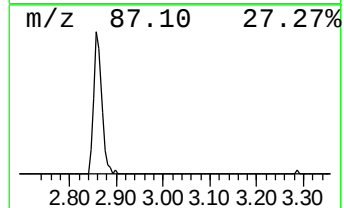
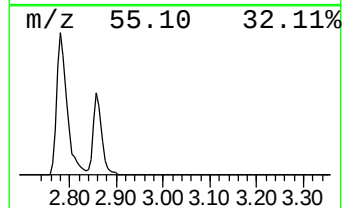
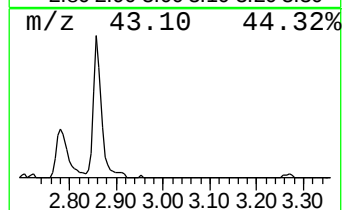
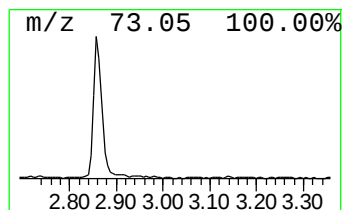
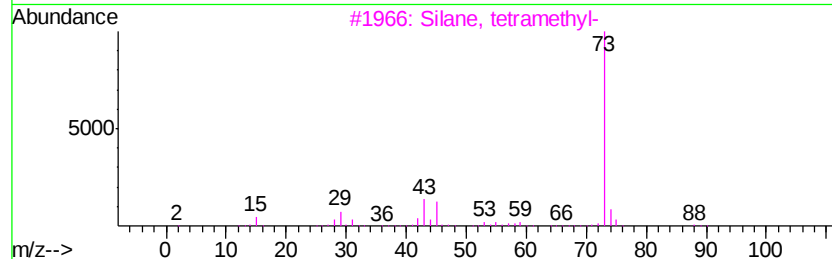
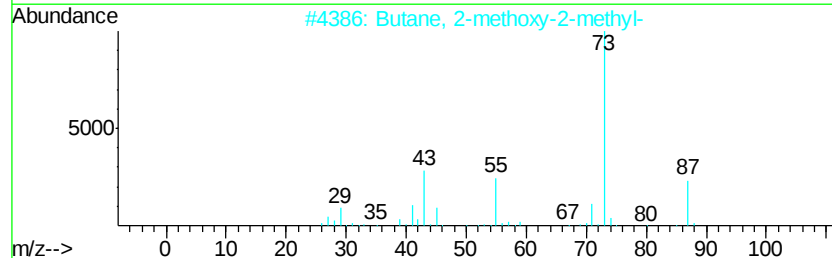
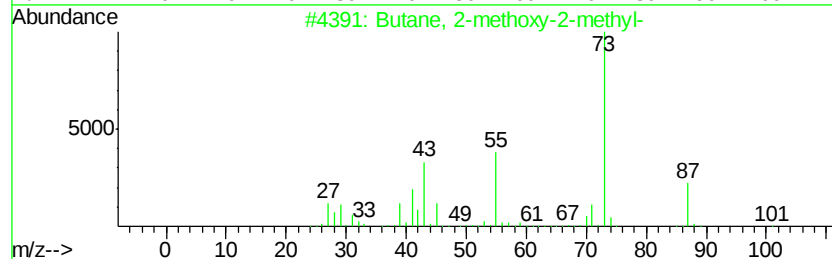
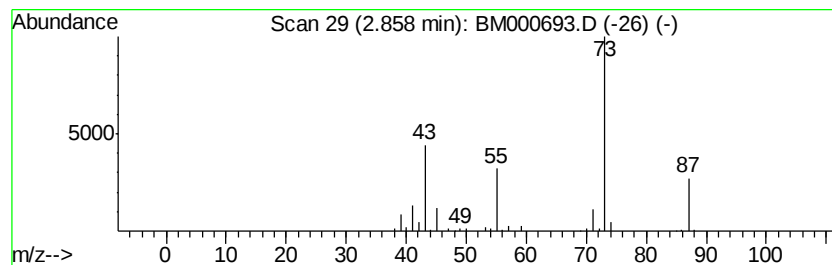
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 2.86 | 3.54 ng/ul | 144822 | 1,4-Dichlorobenzene-d4 | 7.65 |

| 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 | 59   |
| 3    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 35   |
| 4    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 35   |
| 5    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 17   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 2.86 | 3.5     | ng/ul | 144822   | 1                     | 7.65 | 818178 | 20.0 |