

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\  
 Data File : BG046070.D  
 Acq On : 24 Jul 2020 18:59  
 Operator : CG/JU  
 Sample : PB130165BL  
 Misc : PBBL-SOILME-01  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK65

## 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\_G\METHODS\SOM-EPA-BG072320MA.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         | 3.167       | 9             | 13          | 24           | rVB      | 43539          | 73019         | 2.39%           | 0.253%        |
| 2         | 3.425       | 52            | 57          | 66           | rVB      | 25088          | 41054         | 1.34%           | 0.142%        |
| 3         | 3.561       | 78            | 80          | 90           | rVB8     | 2409           | 5176          | 0.17%           | 0.018%        |
| 4         | 3.989       | 149           | 153         | 159          | rVB2     | 11081          | 15325         | 0.50%           | 0.053%        |
| 5         | 4.166       | 180           | 183         | 187          | rBV4     | 4610           | 6207          | 0.20%           | 0.021%        |
| 6         | 7.127       | 679           | 687         | 699          | rBV      | 436769         | 728451        | 23.85%          | 2.522%        |
| 7         | 7.286       | 707           | 714         | 724          | rBV      | 294725         | 505327        | 16.55%          | 1.749%        |
| 8         | 7.497       | 742           | 750         | 759          | rBV      | 414381         | 716450        | 23.46%          | 2.480%        |
| 9         | 7.961       | 822           | 829         | 837          | rBV      | 303429         | 506818        | 16.59%          | 1.754%        |
| 10        | 8.666       | 941           | 949         | 961          | rBV      | 509949         | 897135        | 29.37%          | 3.105%        |
| 11        | 9.113       | 1016          | 1025        | 1038         | rBV      | 349490         | 625501        | 20.48%          | 2.165%        |
| 12        | 9.836       | 1141          | 1148        | 1158         | rVB      | 270538         | 481178        | 15.76%          | 1.666%        |
| 13        | 10.376      | 1233          | 1240        | 1253         | rBV      | 516082         | 925380        | 30.30%          | 3.203%        |
| 14        | 10.758      | 1297          | 1305        | 1315         | rBV      | 428212         | 767633        | 25.13%          | 2.657%        |
| 15        | 10.887      | 1317          | 1327        | 1340         | rBV      | 450574         | 840312        | 27.51%          | 2.909%        |
| 16        | 12.344      | 1569          | 1575        | 1583         | rBV3     | 6391           | 12221         | 0.40%           | 0.042%        |
| 17        | 13.995      | 1849          | 1856        | 1870         | rBV      | 944184         | 1412075       | 46.24%          | 4.888%        |
| 18        | 14.277      | 1897          | 1904        | 1914         | rBV      | 1113125        | 1728022       | 56.58%          | 5.982%        |
| 19        | 14.589      | 1948          | 1957        | 1966         | rBV      | 758796         | 1191012       | 39.00%          | 4.123%        |
| 20        | 14.771      | 1982          | 1988        | 2005         | rBV      | 337165         | 570631        | 18.68%          | 1.975%        |
| 21        | 15.582      | 2118          | 2126        | 2138         | rBV      | 1439019        | 2249520       | 73.66%          | 7.787%        |
| 22        | 15.687      | 2138          | 2144        | 2158         | rVV      | 295528         | 456504        | 14.95%          | 1.580%        |
| 23        | 15.817      | 2162          | 2166        | 2171         | rVB      | 17220          | 25979         | 0.85%           | 0.090%        |
| 24        | 16.363      | 2255          | 2259        | 2264         | rVB3     | 6684           | 9276          | 0.30%           | 0.032%        |
| 25        | 17.115      | 2382          | 2387        | 2392         | rVB4     | 4201           | 6974          | 0.23%           | 0.024%        |
| 26        | 17.327      | 2416          | 2423        | 2432         | rBV      | 1035655        | 1535353       | 50.27%          | 5.315%        |
| 27        | 17.427      | 2433          | 2440        | 2454         | rVV      | 1637256        | 2449291       | 80.20%          | 8.478%        |
| 28        | 19.348      | 2762          | 2767        | 2772         | rVB      | 17852          | 24755         | 0.81%           | 0.086%        |
| 29        | 19.595      | 2806          | 2809        | 2814         | rVB      | 14793          | 19180         | 0.63%           | 0.066%        |
| 30        | 19.712      | 2822          | 2829        | 2839         | rBV      | 2179764        | 3054108       | 100.00%         | 10.572%       |
| 31        | 20.253      | 2917          | 2921        | 2922         | rBV3     | 2529           | 3624          | 0.12%           | 0.013%        |
| 32        | 21.575      | 3139          | 3146        | 3157         | rBV      | 1091206        | 1789262       | 58.59%          | 6.193%        |
| 33        | 23.079      | 3397          | 3402        | 3409         | rVB3     | 18465          | 32829         | 1.07%           | 0.114%        |
| 34        | 23.860      | 3530          | 3535        | 3542         | rVB3     | 25135          | 50877         | 1.67%           | 0.176%        |

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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:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG072320MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 24.477 | 3630 | 3640 | 3662 | rBV  | 1109594 | 3023237 | 98.99% | 10.465% |
| 36 | 24.695 | 3666 | 3677 | 3687 | rVV2 | 664244  | 1814777 | 59.42% | 6.282%  |
| 37 | 24.789 | 3687 | 3693 | 3700 | rVB3 | 40664   | 98035   | 3.21%  | 0.339%  |
| 38 | 25.887 | 3873 | 3880 | 3887 | rVB4 | 33786   | 86304   | 2.83%  | 0.299%  |
| 39 | 26.822 | 4037 | 4039 | 4043 | rBV4 | 5896    | 7566    | 0.25%  | 0.026%  |
| 40 | 27.203 | 4097 | 4104 | 4117 | rVB6 | 31309   | 103026  | 3.37%  | 0.357%  |

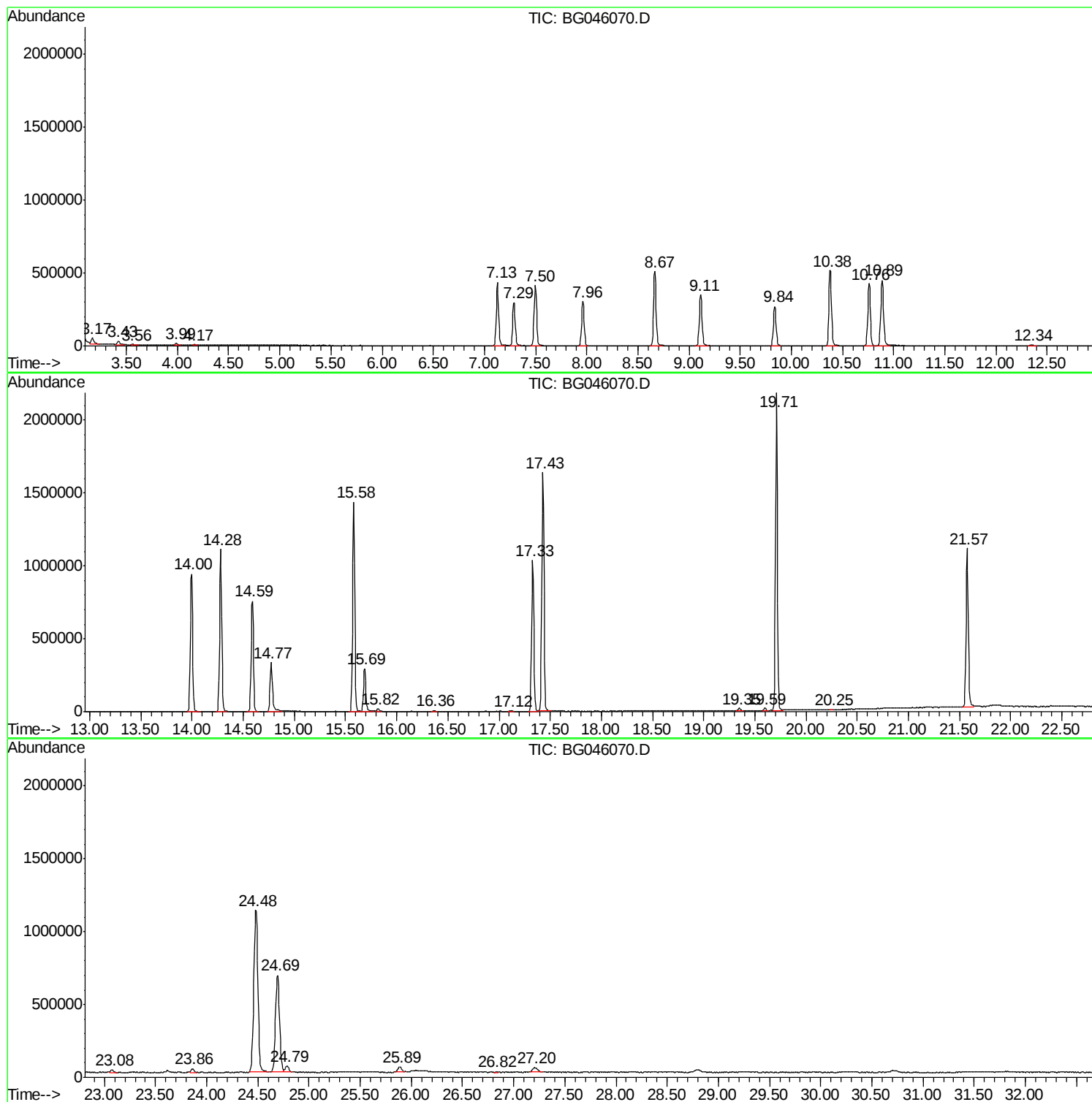
Sum of corrected areas: 28889404

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG072320MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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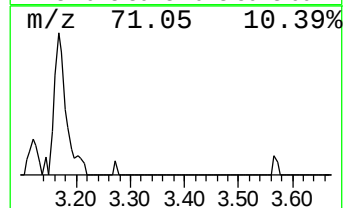
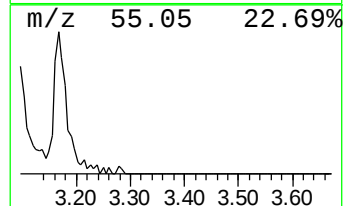
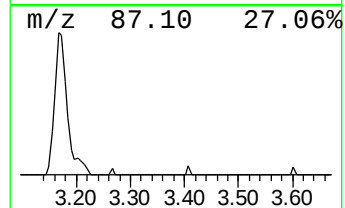
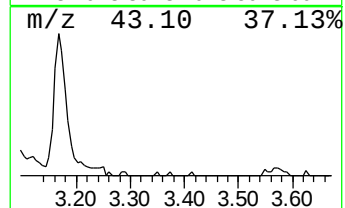
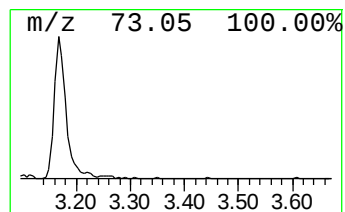
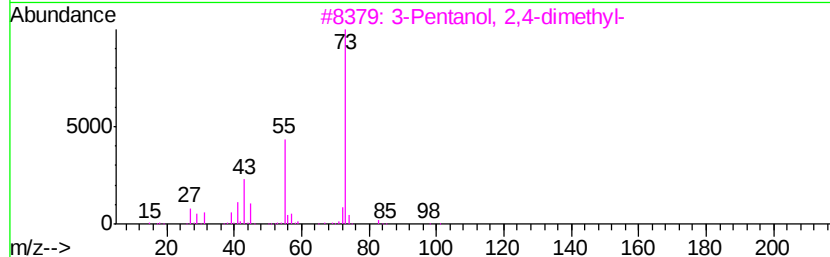
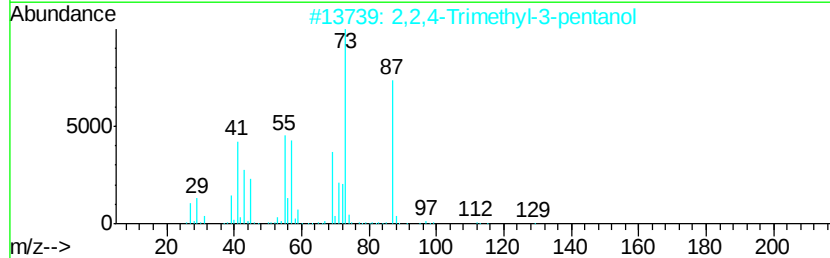
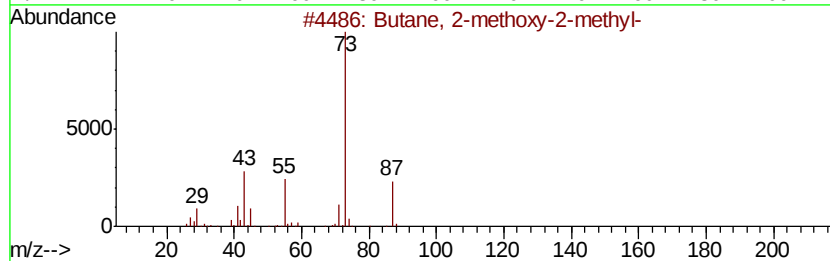
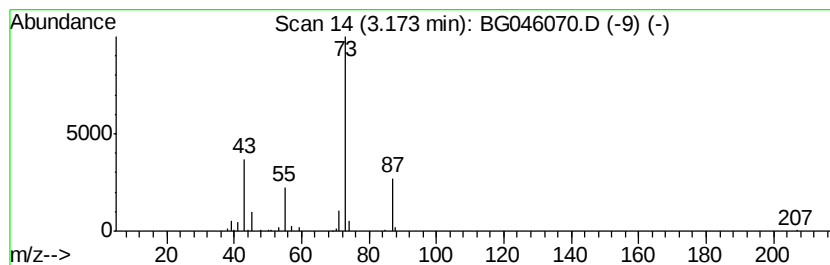
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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. |
|------|------------|-------|------------------------|------|
| 3.17 | 2.88 ng/ul | 73019 | 1,4-Dichlorobenzene-d4 | 7.96 |

| Hit# | of | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl-       | 102 | C6H14O  | 000994-05-8 | 72   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol        | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    | 3-Pentanol, 2,4-dimethyl-         | 116 | C7H16O  | 000600-36-2 | 17   |
| 4    |    | 2,5-Dimethyl-4-hydroxy-3-hexanone | 144 | C8H16O2 | 000815-77-0 | 17   |
| 5    |    | N-Ethylformamide                  | 73  | C3H7NO  | 000627-45-2 | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 3.17 | 2.9     | ng/ul | 73019    | 1                     | 7.96 | 506818 | 20.0 |