

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\  
 Data File : BG019183.D  
 Acq On : 13 Oct 2015 17:41  
 Operator : UM/NP  
 Sample : PB86087BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK87

## 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\_G\METHODS\SOM02.2-EPA-BG100415.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         | 3.141       | 46            | 51          | 59           | rBV      | 17615          | 29604         | 4.41%           | 0.454%        |
| 2         | 3.218       | 59            | 64          | 70           | rVB      | 22288          | 30014         | 4.47%           | 0.460%        |
| 3         | 3.476       | 105           | 108         | 113          | rBV2     | 4364           | 5391          | 0.80%           | 0.083%        |
| 4         | 4.146       | 219           | 222         | 225          | rBV2     | 556            | 885           | 0.13%           | 0.014%        |
| 5         | 5.016       | 366           | 370         | 372          | rBV2     | 853            | 958           | 0.14%           | 0.015%        |
| 6         | 7.195       | 735           | 741         | 751          | rBV      | 91909          | 153788        | 22.91%          | 2.358%        |
| 7         | 7.354       | 761           | 768         | 775          | rBV      | 64875          | 102151        | 15.22%          | 1.566%        |
| 8         | 7.566       | 797           | 804         | 813          | rVB      | 86864          | 144642        | 21.55%          | 2.217%        |
| 9         | 8.036       | 876           | 884         | 890          | rBV      | 65173          | 108587        | 16.18%          | 1.665%        |
| 10        | 8.735       | 997           | 1003        | 1012         | rVB      | 117433         | 196237        | 29.24%          | 3.008%        |
| 11        | 9.193       | 1074          | 1081        | 1089         | rBV      | 94616          | 161522        | 24.06%          | 2.476%        |
| 12        | 9.916       | 1197          | 1204        | 1212         | rVB      | 84307          | 140464        | 20.93%          | 2.153%        |
| 13        | 10.456      | 1290          | 1296        | 1304         | rBV      | 116125         | 205386        | 30.60%          | 3.149%        |
| 14        | 10.838      | 1354          | 1361        | 1368         | rBV      | 100186         | 176864        | 26.35%          | 2.711%        |
| 15        | 10.973      | 1377          | 1384        | 1393         | rVB      | 118602         | 208648        | 31.09%          | 3.199%        |
| 16        | 12.419      | 1627          | 1630        | 1634         | rVB4     | 1650           | 2012          | 0.30%           | 0.031%        |
| 17        | 14.064      | 1904          | 1910        | 1917         | rBV      | 246834         | 343489        | 51.17%          | 5.266%        |
| 18        | 14.358      | 1953          | 1960        | 1966         | rBV      | 248439         | 384515        | 57.29%          | 5.895%        |
| 19        | 14.663      | 2005          | 2012        | 2021         | rVB2     | 168432         | 269863        | 40.21%          | 4.137%        |
| 20        | 14.857      | 2039          | 2045        | 2064         | rBV2     | 101790         | 175903        | 26.21%          | 2.697%        |
| 21        | 15.650      | 2174          | 2180        | 2189         | rVB      | 324157         | 502321        | 74.84%          | 7.701%        |
| 22        | 15.762      | 2193          | 2199        | 2212         | rBV      | 77567          | 120583        | 17.97%          | 1.849%        |
| 23        | 15.897      | 2216          | 2222        | 2225         | rVB2     | 2537           | 3630          | 0.54%           | 0.056%        |
| 24        | 17.190      | 2439          | 2442        | 2447         | rVB2     | 791            | 1164          | 0.17%           | 0.018%        |
| 25        | 17.407      | 2473          | 2479        | 2487         | rVB2     | 230720         | 336723        | 50.17%          | 5.162%        |
| 26        | 17.507      | 2490          | 2496        | 2503         | rVV2     | 391202         | 561659        | 83.68%          | 8.610%        |
| 27        | 17.777      | 2541          | 2542        | 2546         | rBV2     | 885            | 1024          | 0.15%           | 0.016%        |
| 28        | 19.428      | 2820          | 2823        | 2829         | rVB      | 3646           | 4307          | 0.64%           | 0.066%        |
| 29        | 19.681      | 2862          | 2866        | 2870         | rVB2     | 2751           | 3836          | 0.57%           | 0.059%        |
| 30        | 19.792      | 2879          | 2885        | 2893         | rBV      | 454940         | 648621        | 96.64%          | 9.943%        |
| 31        | 20.380      | 2983          | 2985        | 2988         | rBV3     | 1064           | 1231          | 0.18%           | 0.019%        |
| 32        | 20.615      | 3022          | 3025        | 3027         | rBV      | 1201           | 915           | 0.14%           | 0.014%        |
| 33        | 20.638      | 3027          | 3029        | 3034         | rVB3     | 1106           | 1261          | 0.19%           | 0.019%        |
| 34        | 21.490      | 3172          | 3174        | 3176         | rBV      | 1584           | 1297          | 0.19%           | 0.020%        |

## LSC Area Percent Report

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Sampling : 1  
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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\_G\METHODS\SOM02.2-EPA-BG100415.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 35 | 21.514 | 3176 | 3178 | 3180 | rVV2 | 1356   | 1135   | 0.17%   | 0.017%  |
| 36 | 21.678 | 3199 | 3206 | 3214 | rBV  | 264585 | 427435 | 63.68%  | 6.553%  |
| 37 | 21.784 | 3222 | 3224 | 3225 | rBV2 | 1563   | 1159   | 0.17%   | 0.018%  |
| 38 | 21.837 | 3231 | 3233 | 3235 | rBV3 | 1443   | 1546   | 0.23%   | 0.024%  |
| 39 | 22.812 | 3397 | 3399 | 3401 | rBV2 | 1584   | 1393   | 0.21%   | 0.021%  |
| 40 | 23.112 | 3448 | 3450 | 3451 | rBV2 | 1658   | 950    | 0.14%   | 0.015%  |
| 41 | 23.188 | 3461 | 3463 | 3468 | rVB4 | 3475   | 4109   | 0.61%   | 0.063%  |
| 42 | 24.693 | 3707 | 3719 | 3743 | rBV  | 226562 | 671207 | 100.00% | 10.290% |
| 43 | 24.910 | 3746 | 3756 | 3774 | rVB  | 128716 | 382277 | 56.95%  | 5.860%  |
| 44 | 27.654 | 4221 | 4223 | 4224 | rBV2 | 1663   | 896    | 0.13%   | 0.014%  |
| 45 | 28.100 | 4297 | 4299 | 4301 | rBV3 | 1712   | 1578   | 0.24%   | 0.024%  |

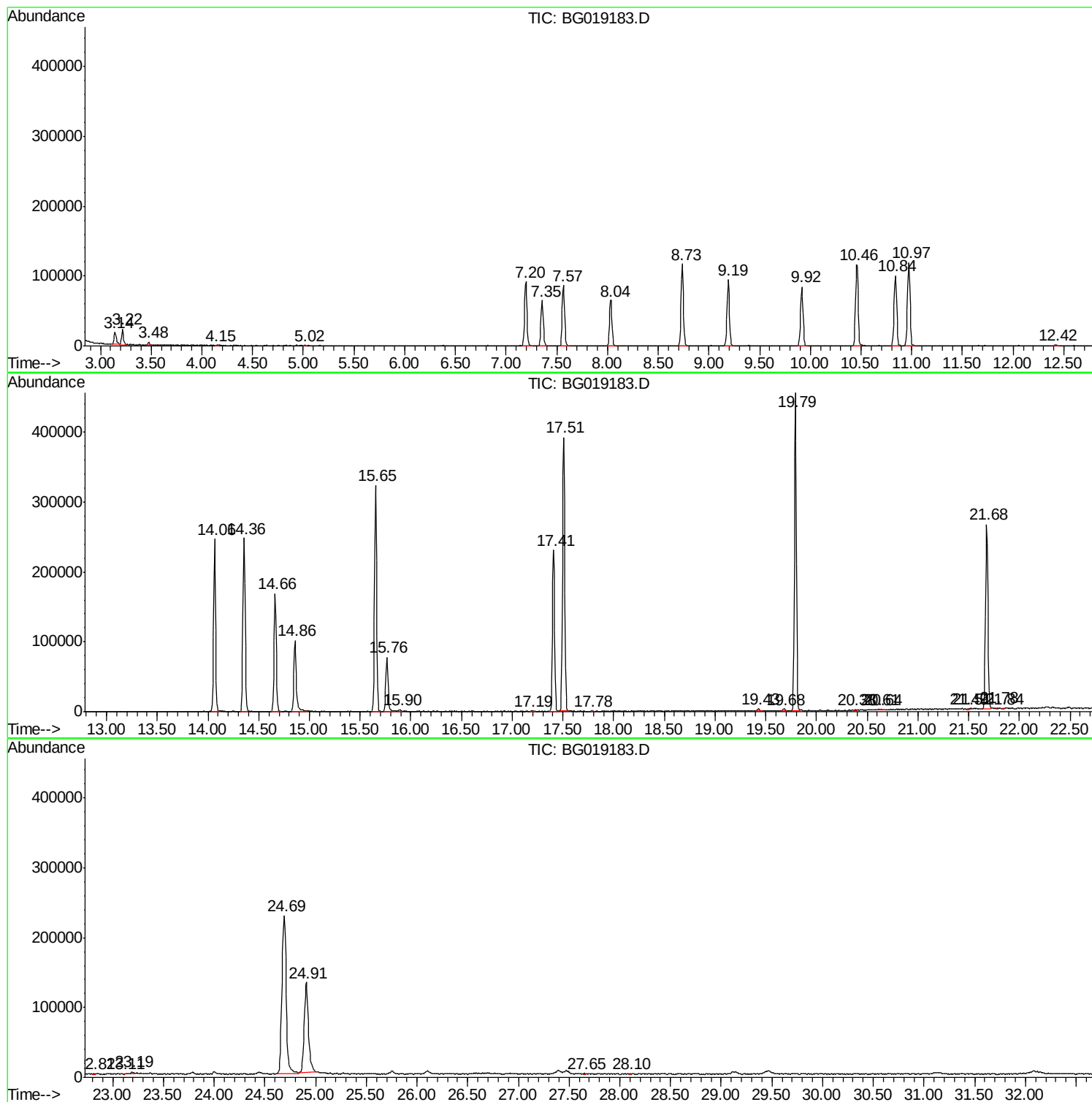
Sum of corrected areas: 6523180

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M  
Quant Title : SVOA CALIBRATION

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



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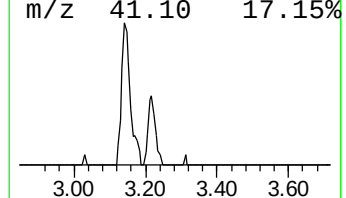
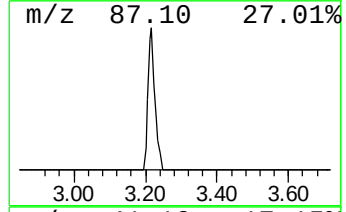
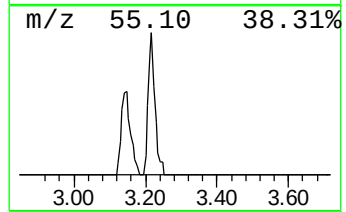
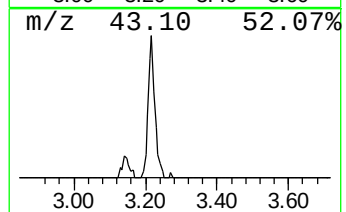
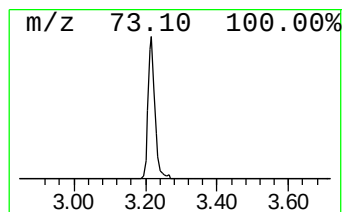
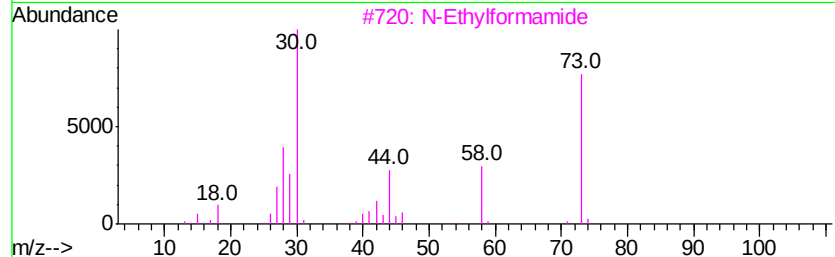
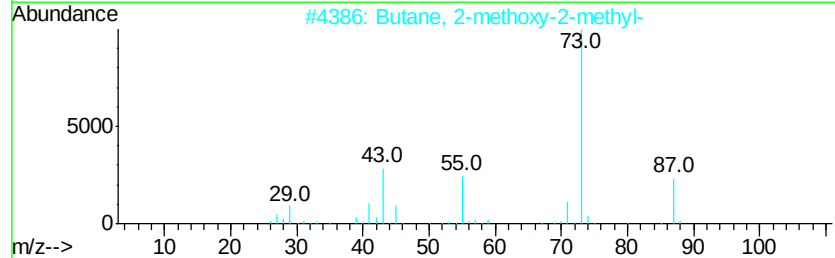
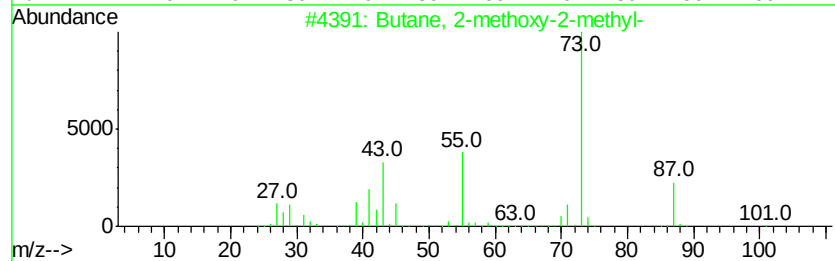
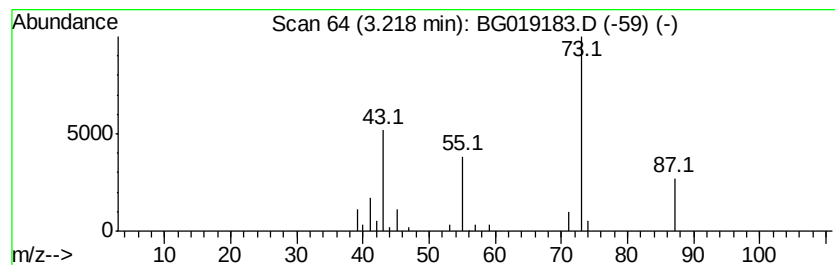
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Quant Title : SVOA CALIBRATION

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 1

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 3.22 | 5.53 ng/ul | 30014 | 1,4-Dichlorobenzene-d4 | 8.04 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-   | 102 | C6H14O  | 000994-05-8 | 64   |
| 2    |    |   | Butane, 2-methoxy-2-methyl-   | 102 | C6H14O  | 000994-05-8 | 50   |
| 3    |    |   | N-Ethylformamide              | 73  | C3H7NO  | 000627-45-2 | 9    |
| 4    |    |   | 3-Hexanol, 2,4-dimethyl-      | 130 | C8H18O  | 013432-25-2 | 9    |
| 5    |    |   | 3,4-Hexanediol, 2,5-dimethyl- | 146 | C8H18O2 | 022607-11-0 | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 3.22 | 5.5     | ng/ul | 30014    | 1                     | 8.04 | 108587 | 20.0 |