

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\  
 Data File : BM020830.D  
 Acq On : 10 Jun 2019 11:31  
 Operator : HP/JU  
 Sample : K2975-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFHH5

## 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-BM060619MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 3.046    | 6          | 10       | 25        | rVB   | 2937667     | 3611253    | 65.94%       | 6.058%     |
| 2      | 3.311    | 52         | 55       | 60        | rVB   | 25458       | 28732      | 0.52%        | 0.048%     |
| 3      | 3.934    | 158        | 161      | 167       | rVB2  | 25009       | 31391      | 0.57%        | 0.053%     |
| 4      | 5.869    | 486        | 490      | 495       | rVB5  | 12055       | 18125      | 0.33%        | 0.030%     |
| 5      | 6.969    | 671        | 677      | 690       | rVB   | 352108      | 543352     | 9.92%        | 0.911%     |
| 6      | 7.146    | 700        | 707      | 719       | rBV   | 758620      | 1223026    | 22.33%       | 2.052%     |
| 7      | 7.340    | 733        | 740      | 747       | rBV   | 963660      | 1496083    | 27.32%       | 2.510%     |
| 8      | 7.810    | 813        | 820      | 826       | rBV   | 1011685     | 1582957    | 28.90%       | 2.655%     |
| 9      | 7.869    | 826        | 830      | 835       | rVB4  | 14908       | 21963      | 0.40%        | 0.037%     |
| 10     | 8.504    | 932        | 938      | 948       | rBV   | 848382      | 1337804    | 24.43%       | 2.244%     |
| 11     | 8.969    | 1010       | 1017     | 1027      | rBV   | 975632      | 1596722    | 29.16%       | 2.679%     |
| 12     | 9.687    | 1130       | 1139     | 1151      | rBV   | 761345      | 1257740    | 22.97%       | 2.110%     |
| 13     | 10.216   | 1221       | 1229     | 1241      | rBV   | 1278697     | 2112905    | 38.58%       | 3.544%     |
| 14     | 10.598   | 1286       | 1294     | 1302      | rBV   | 1330826     | 2218347    | 40.51%       | 3.721%     |
| 15     | 10.739   | 1310       | 1318     | 1328      | rBV   | 106145      | 193204     | 3.53%        | 0.324%     |
| 16     | 11.381   | 1424       | 1427     | 1431      | rBV4  | 4349        | 6439       | 0.12%        | 0.011%     |
| 17     | 12.186   | 1560       | 1564     | 1570      | rVB   | 18307       | 29360      | 0.54%        | 0.049%     |
| 18     | 13.857   | 1841       | 1848     | 1858      | rBV   | 2300250     | 3082261    | 56.28%       | 5.171%     |
| 19     | 14.139   | 1889       | 1896     | 1908      | rBV   | 2587049     | 3763459    | 68.72%       | 6.313%     |
| 20     | 14.345   | 1927       | 1931     | 1934      | rVB4  | 8043        | 10704      | 0.20%        | 0.018%     |
| 21     | 14.445   | 1940       | 1948     | 1956      | rBV2  | 1953061     | 2902424    | 53.00%       | 4.869%     |
| 22     | 14.639   | 1975       | 1981     | 1991      | rBV   | 218836      | 358770     | 6.55%        | 0.602%     |
| 23     | 14.710   | 1991       | 1993     | 2000      | rVB5  | 4542        | 8145       | 0.15%        | 0.014%     |
| 24     | 15.239   | 2079       | 2083     | 2088      | rBV4  | 3748        | 7294       | 0.13%        | 0.012%     |
| 25     | 15.439   | 2110       | 2117     | 2127      | rVB   | 3332426     | 4531833    | 82.75%       | 7.602%     |
| 26     | 15.557   | 2131       | 2137     | 2147      | rBV   | 618862      | 829281     | 15.14%       | 1.391%     |
| 27     | 15.674   | 2153       | 2157     | 2163      | rVB   | 38340       | 51976      | 0.95%        | 0.087%     |
| 28     | 16.227   | 2246       | 2251     | 2255      | rVB6  | 11114       | 16666      | 0.30%        | 0.028%     |
| 29     | 16.392   | 2276       | 2279     | 2284      | rVB5  | 7580        | 9792       | 0.18%        | 0.016%     |
| 30     | 16.980   | 2371       | 2379     | 2383      | rBV3  | 8986        | 15706      | 0.29%        | 0.026%     |
| 31     | 17.192   | 2408       | 2415     | 2425      | rBV2  | 2455743     | 3426293    | 62.56%       | 5.748%     |
| 32     | 17.286   | 2425       | 2431     | 2445      | rBV2  | 3138199     | 4615992    | 84.29%       | 7.744%     |
| 33     | 17.445   | 2454       | 2458     | 2461      | rBV4  | 7143        | 10101      | 0.18%        | 0.017%     |
| 34     | 17.563   | 2473       | 2478     | 2483      | rBV6  | 5146        | 11172      | 0.20%        | 0.019%     |

## LSC Area Percent Report

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ALS Vial : 5 Sample Multiplier: 1

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BNA\_M  
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Stop Thrs : 0  
Filtering: 5  
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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\_M\METHODS\SOM-EPA-BM060619MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 18.074 | 2559 | 2565 | 2571 | rBV4 | 28602   | 45817   | 0.84%   | 0.077% |
| 36 | 18.415 | 2619 | 2623 | 2629 | rVB3 | 14192   | 24751   | 0.45%   | 0.042% |
| 37 | 18.568 | 2647 | 2649 | 2655 | rVB4 | 10325   | 14386   | 0.26%   | 0.024% |
| 38 | 19.215 | 2753 | 2759 | 2763 | rBV  | 39134   | 63086   | 1.15%   | 0.106% |
| 39 | 19.351 | 2780 | 2782 | 2789 | rBV6 | 14586   | 20748   | 0.38%   | 0.035% |
| 40 | 19.468 | 2798 | 2802 | 2806 | rVB  | 33611   | 42131   | 0.77%   | 0.071% |
| 41 | 19.580 | 2815 | 2821 | 2829 | rBV  | 4084131 | 5400363 | 98.61%  | 9.059% |
| 42 | 21.368 | 3120 | 3125 | 3133 | rBV  | 2954138 | 3690347 | 67.39%  | 6.191% |
| 43 | 23.503 | 3481 | 3488 | 3500 | rVB  | 2956942 | 5476473 | 100.00% | 9.187% |
| 44 | 23.650 | 3506 | 3513 | 3526 | rVB  | 2078444 | 3871750 | 70.70%  | 6.495% |

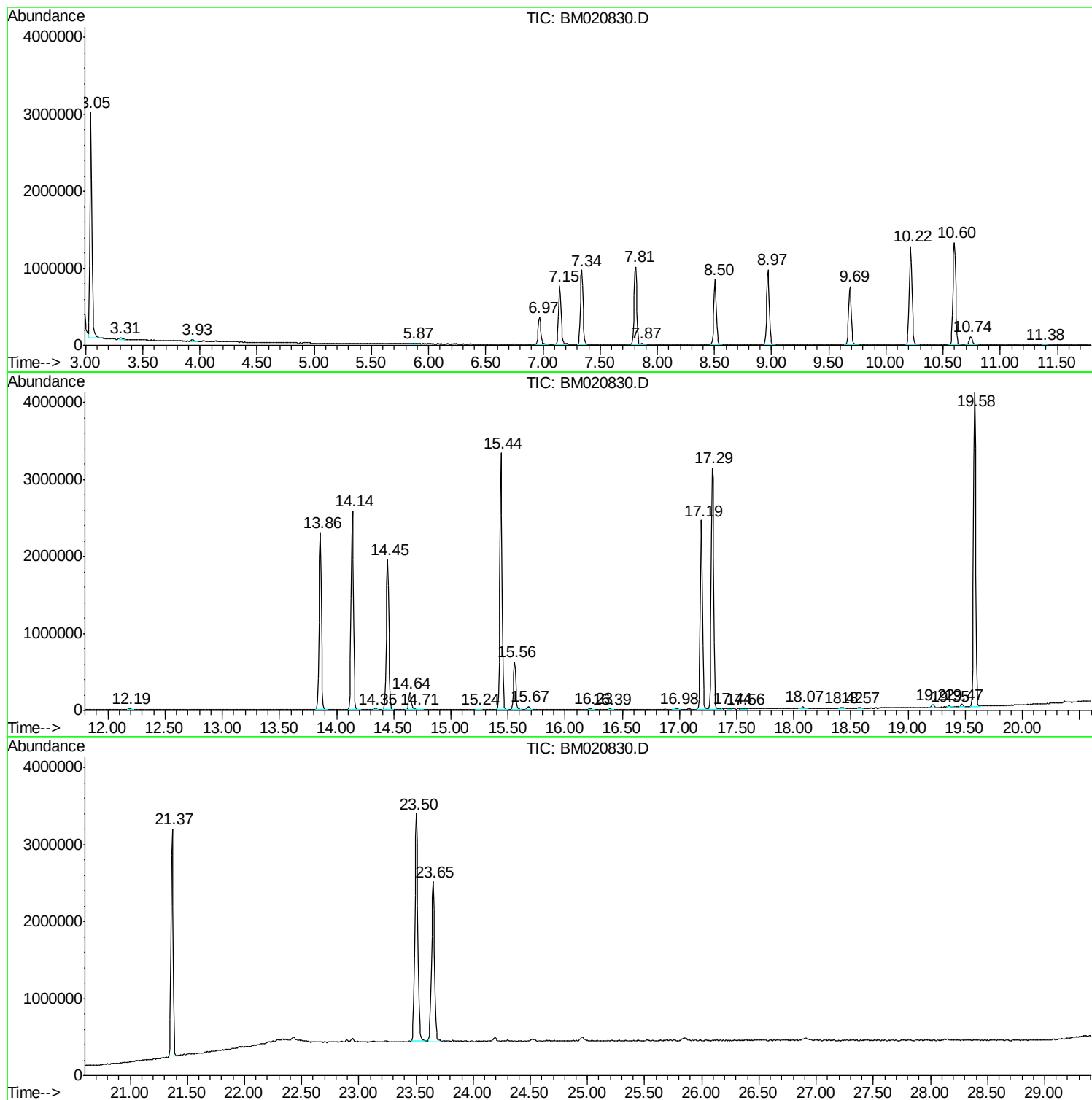
Sum of corrected areas: 59611124

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM060619MA.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-BM060619MA.M  
Quant Title : SVOA CALIBRATION

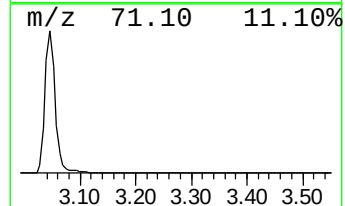
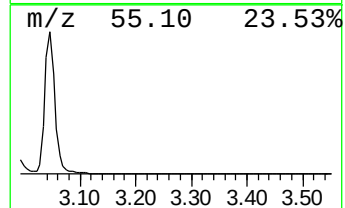
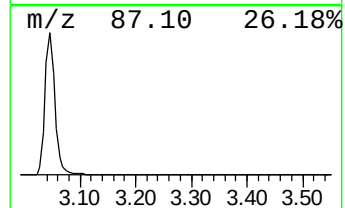
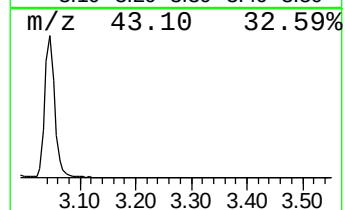
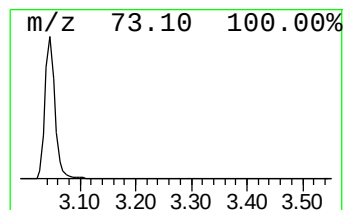
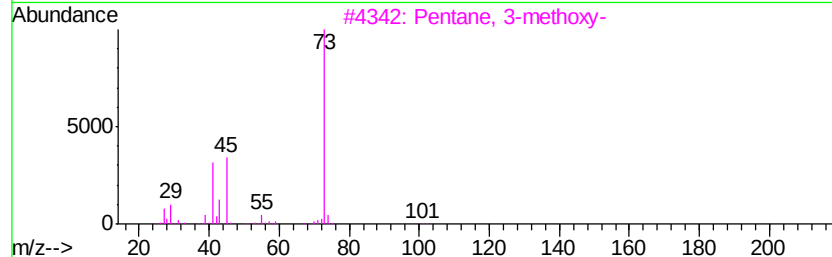
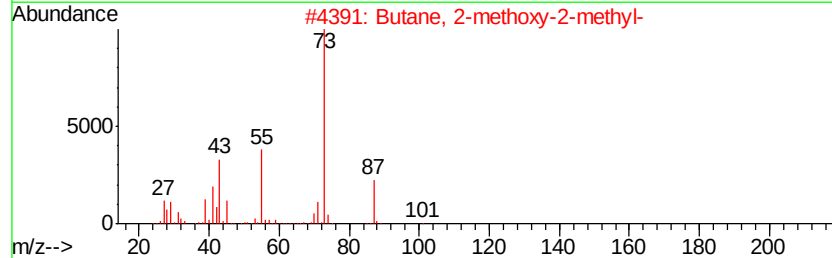
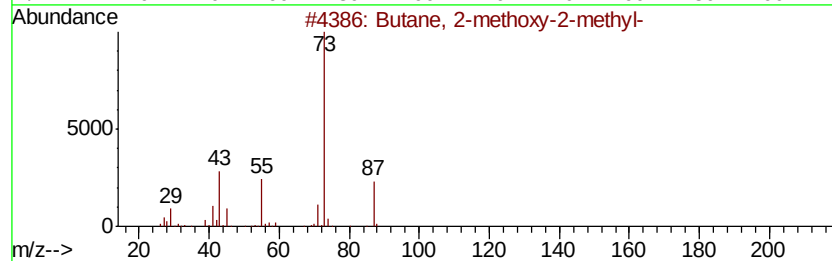
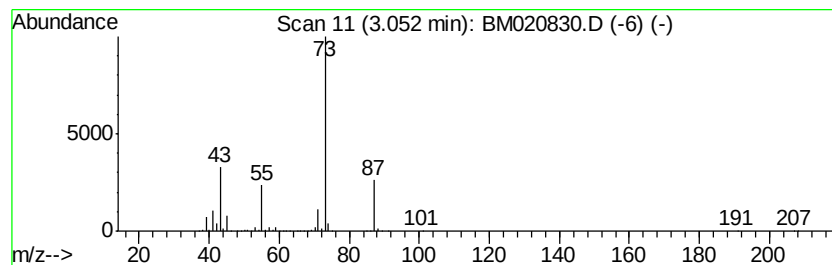
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 3.05 | 45.63 ng/ul | 3611250 | 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 | 74   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |
| 5    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 9    |



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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| Butane, 2-methoxy... | 3.05 | 45.6    | ng/ul | 3611250  | 1                     | 7.81 | 1582960 | 20.0 |