

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\  
 Data File : BP002013.D  
 Acq On : 03 Mar 2020 06:00  
 Operator : CG/JU  
 Sample : L1616-22  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBDR6

## 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\_P\METHODS\SOM-EPA-BP022720MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP002015.D

| 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         | 2.923       | 3             | 6           | 19           | rVB      | 223944         | 327606        | 5.76%           | 0.537%        |
| 2         | 3.170       | 43            | 48          | 57           | rVB      | 52001          | 77428         | 1.36%           | 0.127%        |
| 3         | 3.893       | 168           | 171         | 177          | rVB      | 9400           | 14070         | 0.25%           | 0.023%        |
| 4         | 4.793       | 319           | 324         | 331          | rVB4     | 8322           | 17192         | 0.30%           | 0.028%        |
| 5         | 6.816       | 660           | 668         | 683          | rBV      | 814879         | 1374423       | 24.18%          | 2.254%        |
| 6         | 6.981       | 689           | 696         | 708          | rVB      | 708603         | 1107706       | 19.49%          | 1.817%        |
| 7         | 7.175       | 722           | 729         | 740          | rBV      | 947331         | 1502362       | 26.43%          | 2.464%        |
| 8         | 7.258       | 740           | 743         | 747          | rVB4     | 4954           | 7801          | 0.14%           | 0.013%        |
| 9         | 7.446       | 769           | 775         | 787          | rVB2     | 14356          | 31533         | 0.55%           | 0.052%        |
| 10        | 7.640       | 801           | 808         | 817          | rBV      | 943537         | 1467074       | 25.81%          | 2.406%        |
| 11        | 7.716       | 817           | 821         | 826          | rVB4     | 6939           | 12061         | 0.21%           | 0.020%        |
| 12        | 8.346       | 920           | 928         | 941          | rBV      | 1071449        | 1711387       | 30.11%          | 2.807%        |
| 13        | 8.781       | 993           | 1002        | 1012         | rBV      | 793102         | 1295936       | 22.80%          | 2.126%        |
| 14        | 8.963       | 1028          | 1033        | 1041         | rVB      | 3740           | 7915          | 0.14%           | 0.013%        |
| 15        | 9.269       | 1081          | 1085        | 1092         | rVB2     | 27146          | 40520         | 0.71%           | 0.066%        |
| 16        | 9.499       | 1116          | 1124        | 1133         | rBV      | 638901         | 1024719       | 18.03%          | 1.681%        |
| 17        | 10.040      | 1206          | 1216        | 1230         | rBV      | 1083357        | 1855402       | 32.64%          | 3.043%        |
| 18        | 10.410      | 1271          | 1279        | 1291         | rBV      | 1290348        | 2105743       | 37.05%          | 3.454%        |
| 19        | 10.546      | 1294          | 1302        | 1319         | rBV      | 828385         | 1495363       | 26.31%          | 2.453%        |
| 20        | 12.010      | 1544          | 1551        | 1559         | rBV2     | 16180          | 32969         | 0.58%           | 0.054%        |
| 21        | 13.134      | 1737          | 1742        | 1747         | rBV4     | 6361           | 9690          | 0.17%           | 0.016%        |
| 22        | 13.193      | 1747          | 1752        | 1758         | rVV5     | 11297          | 18850         | 0.33%           | 0.031%        |
| 23        | 13.687      | 1829          | 1836        | 1841         | rBV      | 1897839        | 2631713       | 46.30%          | 4.316%        |
| 24        | 13.734      | 1841          | 1844        | 1856         | rVB      | 179047         | 253614        | 4.46%           | 0.416%        |
| 25        | 13.963      | 1875          | 1883        | 1897         | rBV      | 2381592        | 3434165       | 60.42%          | 5.633%        |
| 26        | 14.275      | 1928          | 1936        | 1951         | rBV      | 2012715        | 2950330       | 51.90%          | 4.839%        |
| 27        | 14.475      | 1964          | 1970        | 1993         | rBV      | 474569         | 854515        | 15.03%          | 1.402%        |
| 28        | 14.704      | 2006          | 2009        | 2014         | rVB7     | 7036           | 10654         | 0.19%           | 0.017%        |
| 29        | 15.104      | 2073          | 2077        | 2082         | rBV5     | 5407           | 8477          | 0.15%           | 0.014%        |
| 30        | 15.169      | 2082          | 2088        | 2091         | rBV3     | 7564           | 9463          | 0.17%           | 0.016%        |
| 31        | 15.275      | 2099          | 2106        | 2120         | rBV      | 3018632        | 4330156       | 76.18%          | 7.102%        |
| 32        | 15.392      | 2120          | 2126        | 2137         | rBV      | 462692         | 666858        | 11.73%          | 1.094%        |
| 33        | 15.516      | 2142          | 2147        | 2152         | rVB      | 34051          | 50939         | 0.90%           | 0.084%        |
| 34        | 15.981      | 2221          | 2226        | 2232         | rBV5     | 6833           | 15752         | 0.28%           | 0.026%        |

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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 16.034 | 2232 | 2235 | 2237 | rVV4 | 5253    | 6414    | 0.11%   | 0.011% |
| 36 | 16.063 | 2237 | 2240 | 2247 | rVB4 | 12769   | 19458   | 0.34%   | 0.032% |
| 37 | 16.298 | 2275 | 2280 | 2285 | rVB4 | 5833    | 7513    | 0.13%   | 0.012% |
| 38 | 16.710 | 2345 | 2350 | 2355 | rVB8 | 6315    | 9500    | 0.17%   | 0.016% |
| 39 | 16.816 | 2363 | 2368 | 2378 | rVB  | 13720   | 27465   | 0.48%   | 0.045% |
| 40 | 17.028 | 2397 | 2404 | 2414 | rBV  | 2515993 | 3480680 | 61.23%  | 5.709% |
| 41 | 17.128 | 2414 | 2421 | 2437 | rVV2 | 2973699 | 4460350 | 78.47%  | 7.316% |
| 42 | 17.398 | 2463 | 2467 | 2470 | rBV6 | 3461    | 5896    | 0.10%   | 0.010% |
| 43 | 17.445 | 2470 | 2475 | 2481 | rVV5 | 18496   | 29414   | 0.52%   | 0.048% |
| 44 | 17.898 | 2547 | 2552 | 2556 | rBV8 | 12270   | 21263   | 0.37%   | 0.035% |
| 45 | 17.945 | 2556 | 2560 | 2568 | rBV  | 111868  | 174707  | 3.07%   | 0.287% |
| 46 | 18.239 | 2606 | 2610 | 2616 | rVB2 | 12593   | 18911   | 0.33%   | 0.031% |
| 47 | 18.369 | 2628 | 2632 | 2635 | rBV3 | 20861   | 24187   | 0.43%   | 0.040% |
| 48 | 19.016 | 2738 | 2742 | 2746 | rBV  | 36141   | 50428   | 0.89%   | 0.083% |
| 49 | 19.192 | 2768 | 2772 | 2776 | rBV3 | 25975   | 38962   | 0.69%   | 0.064% |
| 50 | 19.263 | 2780 | 2784 | 2788 | rVB  | 29526   | 40621   | 0.71%   | 0.067% |
| 51 | 19.369 | 2793 | 2802 | 2814 | rBV  | 3885656 | 5478062 | 96.37%  | 8.985% |
| 52 | 20.863 | 3051 | 3056 | 3063 | rBV  | 230376  | 372766  | 6.56%   | 0.611% |
| 53 | 21.122 | 3095 | 3100 | 3109 | rBV  | 3369371 | 4069611 | 71.60%  | 6.675% |
| 54 | 21.239 | 3117 | 3120 | 3127 | rBV2 | 38642   | 63546   | 1.12%   | 0.104% |
| 55 | 21.298 | 3127 | 3130 | 3139 | rVB  | 62808   | 76458   | 1.35%   | 0.125% |
| 56 | 21.727 | 3200 | 3203 | 3208 | rBV  | 113295  | 147442  | 2.59%   | 0.242% |
| 57 | 22.192 | 3278 | 3282 | 3287 | rVB  | 173296  | 218457  | 3.84%   | 0.358% |
| 58 | 22.316 | 3300 | 3303 | 3308 | rVB  | 63880   | 81478   | 1.43%   | 0.134% |
| 59 | 22.698 | 3363 | 3368 | 3374 | rBV  | 211294  | 303810  | 5.34%   | 0.498% |
| 60 | 23.192 | 3444 | 3452 | 3460 | rBV  | 3178679 | 5684169 | 100.00% | 9.323% |
| 61 | 23.263 | 3460 | 3464 | 3469 | rVV  | 232777  | 406472  | 7.15%   | 0.667% |
| 62 | 23.327 | 3469 | 3475 | 3486 | rVB  | 2250822 | 4317514 | 75.96%  | 7.081% |
| 63 | 23.916 | 3570 | 3575 | 3581 | rVB  | 174693  | 319239  | 5.62%   | 0.524% |
| 64 | 24.663 | 3697 | 3702 | 3709 | rVB2 | 121357  | 259849  | 4.57%   | 0.426% |

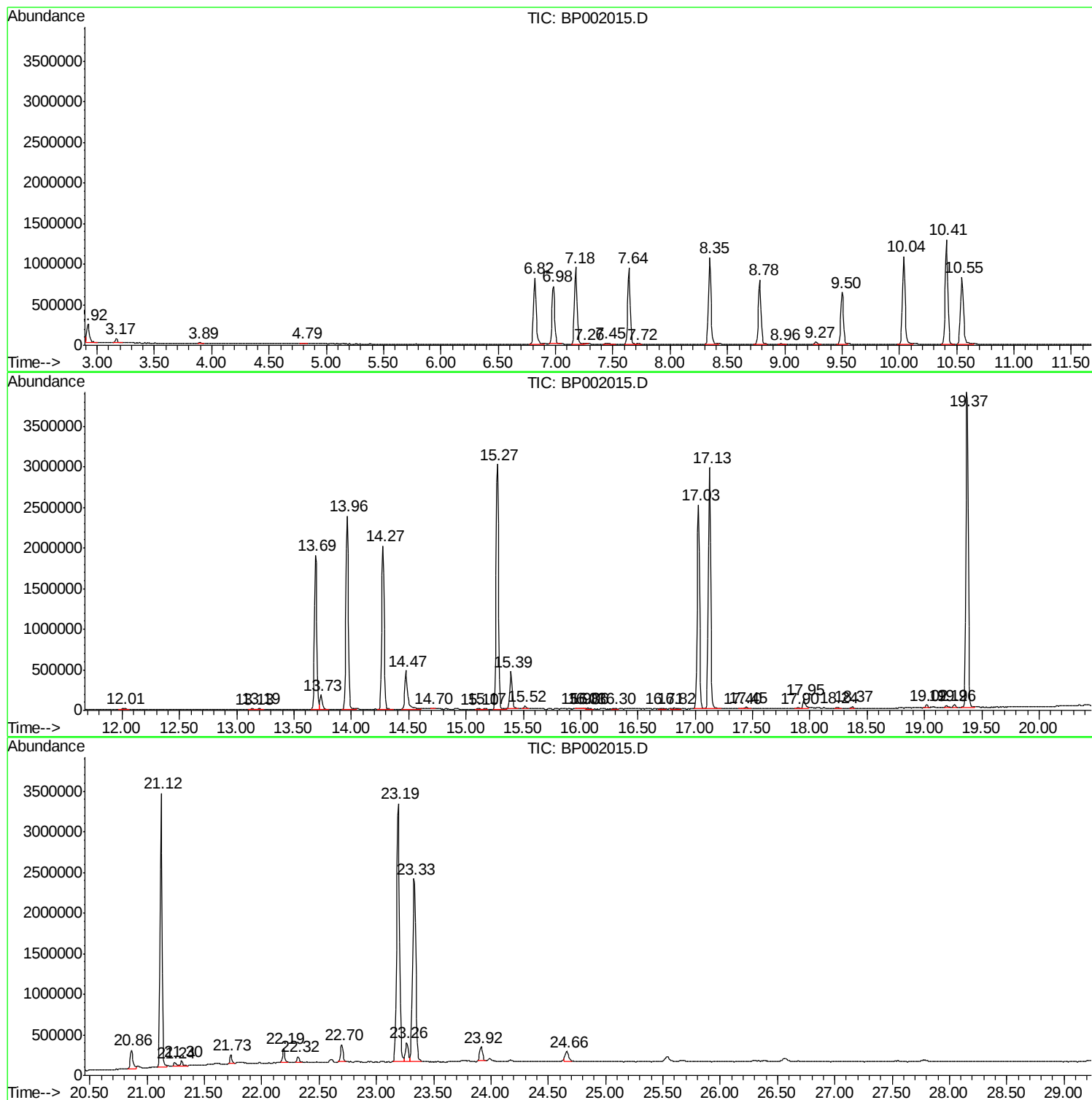
Sum of corrected areas: 60969028

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
Quant Title : SVOA CALIBRATION

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



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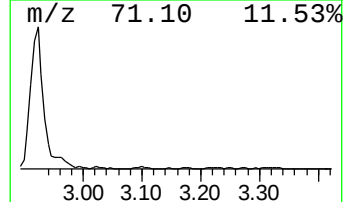
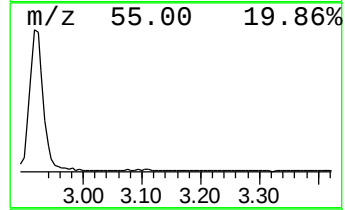
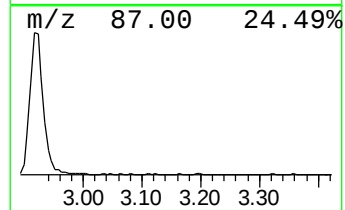
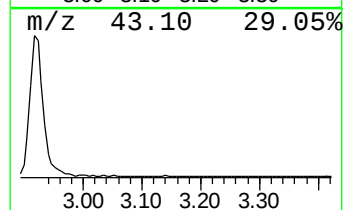
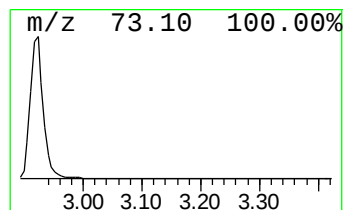
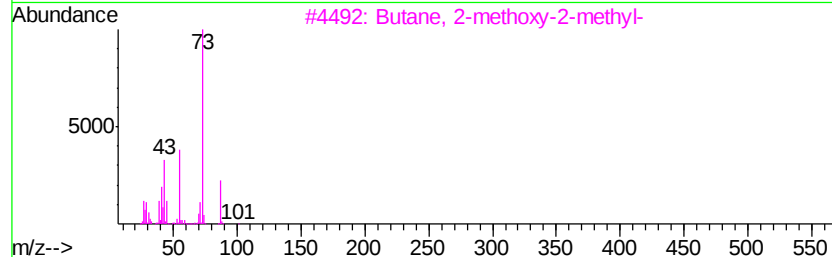
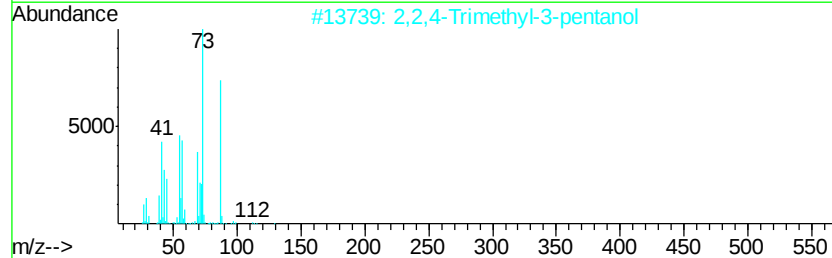
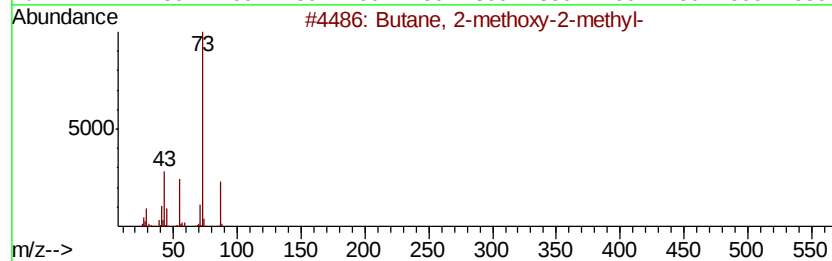
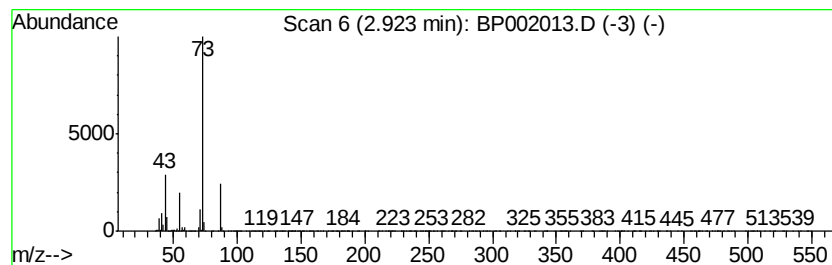
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 2.92 | 4.47 ng/ul | 327606 | 1,4-Dichlorobenzene-d4 | 7.64 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 90   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 64   |
| 3    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 64   |
| 4    |    | Silane, ethyltrimethyl-     | 102 | C5H14Si | 003439-38-1 | 36   |
| 5    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| Butane, 2-methoxy... | 2.92 | 4.5     | ng/ul | 327606   | 1                     | 7.64 | 1467070 | 20.0 |