

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032219\  
 Data File : BM019318.D  
 Acq On : 22 Mar 2019 18:32  
 Operator : JU/SJ  
 Sample : K1968-13  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C09A1

## 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-BM032219MA.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         | 3.152       | 25            | 28          | 35           | rVB      | 26883          | 34495         | 0.86%           | 0.106%        |
| 2         | 3.763       | 128           | 132         | 135          | rVB3     | 8598           | 12297         | 0.31%           | 0.038%        |
| 3         | 4.222       | 207           | 210         | 214          | rBV5     | 3711           | 6090          | 0.15%           | 0.019%        |
| 4         | 6.804       | 643           | 649         | 662          | rBV      | 84064          | 184021        | 4.60%           | 0.565%        |
| 5         | 6.969       | 671           | 677         | 692          | rBV      | 407763         | 761350        | 19.05%          | 2.339%        |
| 6         | 7.151       | 701           | 708         | 723          | rBV      | 461618         | 792707        | 19.83%          | 2.435%        |
| 7         | 7.616       | 781           | 787         | 796          | rBV      | 419446         | 700884        | 17.53%          | 2.153%        |
| 8         | 8.334       | 902           | 909         | 927          | rBV      | 302497         | 591504        | 14.80%          | 1.817%        |
| 9         | 8.557       | 945           | 947         | 953          | rVB4     | 2638           | 4510          | 0.11%           | 0.014%        |
| 10        | 8.786       | 978           | 986         | 1008         | rBV      | 535224         | 969057        | 24.24%          | 2.977%        |
| 11        | 9.245       | 1058          | 1064        | 1066         | rBV4     | 5959           | 8609          | 0.22%           | 0.026%        |
| 12        | 9.498       | 1099          | 1107        | 1122         | rBV      | 466211         | 805740        | 20.16%          | 2.475%        |
| 13        | 10.033      | 1191          | 1198        | 1221         | rBV      | 445439         | 1069054       | 26.74%          | 3.284%        |
| 14        | 10.398      | 1253          | 1260        | 1273         | rBV      | 603696         | 1003993       | 25.12%          | 3.084%        |
| 15        | 10.604      | 1291          | 1295        | 1303         | rBV6     | 6171           | 15173         | 0.38%           | 0.047%        |
| 16        | 12.027      | 1532          | 1537        | 1541         | rBV4     | 5377           | 11264         | 0.28%           | 0.035%        |
| 17        | 12.057      | 1541          | 1542        | 1547         | rVB2     | 4512           | 4152          | 0.10%           | 0.013%        |
| 18        | 12.122      | 1547          | 1553        | 1554         | rBV3     | 4696           | 7369          | 0.18%           | 0.023%        |
| 19        | 13.092      | 1713          | 1718        | 1726         | rVB3     | 34307          | 55563         | 1.39%           | 0.171%        |
| 20        | 13.298      | 1747          | 1753        | 1760         | rVB      | 33950          | 55743         | 1.39%           | 0.171%        |
| 21        | 13.692      | 1814          | 1820        | 1833         | rBV      | 1248969        | 1789939       | 44.78%          | 5.499%        |
| 22        | 13.963      | 1860          | 1866        | 1877         | rBV      | 1458901        | 2212648       | 55.35%          | 6.798%        |
| 23        | 14.039      | 1877          | 1879        | 1885         | rVB4     | 8878           | 13827         | 0.35%           | 0.042%        |
| 24        | 14.274      | 1910          | 1919        | 1929         | rBV2     | 899335         | 1355370       | 33.91%          | 4.164%        |
| 25        | 14.545      | 1960          | 1965        | 1975         | rBV3     | 24074          | 75263         | 1.88%           | 0.231%        |
| 26        | 15.004      | 2013          | 2043        | 2045         | rBV3     | 41113          | 253275        | 6.34%           | 0.778%        |
| 27        | 15.274      | 2083          | 2089        | 2101         | rVB      | 1970030        | 2797176       | 69.98%          | 8.594%        |
| 28        | 15.415      | 2108          | 2113        | 2126         | rBV      | 515101         | 825747        | 20.66%          | 2.537%        |
| 29        | 15.515      | 2127          | 2130        | 2135         | rVB3     | 21705          | 27309         | 0.68%           | 0.084%        |
| 30        | 16.521      | 2298          | 2301        | 2305         | rBV5     | 5193           | 6862          | 0.17%           | 0.021%        |
| 31        | 17.033      | 2382          | 2388        | 2398         | rBV2     | 1098999        | 1586953       | 39.70%          | 4.875%        |
| 32        | 17.133      | 2398          | 2405        | 2415         | rBV      | 2074281        | 3053623       | 76.39%          | 9.381%        |
| 33        | 19.074      | 2732          | 2735        | 2740         | rVB3     | 22036          | 32720         | 0.82%           | 0.101%        |
| 34        | 19.327      | 2775          | 2778        | 2782         | rVB2     | 18977          | 20913         | 0.52%           | 0.064%        |

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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\_M\METHODS\SOM-EPA-BM032219MA.M  
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|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 19.439 | 2791 | 2797 | 2806 | rBV  | 2658430 | 3463157 | 86.64%  | 10.640% |
| 36 | 21.239 | 3098 | 3103 | 3114 | rBV  | 1422204 | 1919595 | 48.02%  | 5.897%  |
| 37 | 23.315 | 3450 | 3456 | 3470 | rVB2 | 2135678 | 3997284 | 100.00% | 12.281% |
| 38 | 23.462 | 3474 | 3481 | 3494 | rVB2 | 1028754 | 2024422 | 50.64%  | 6.219%  |

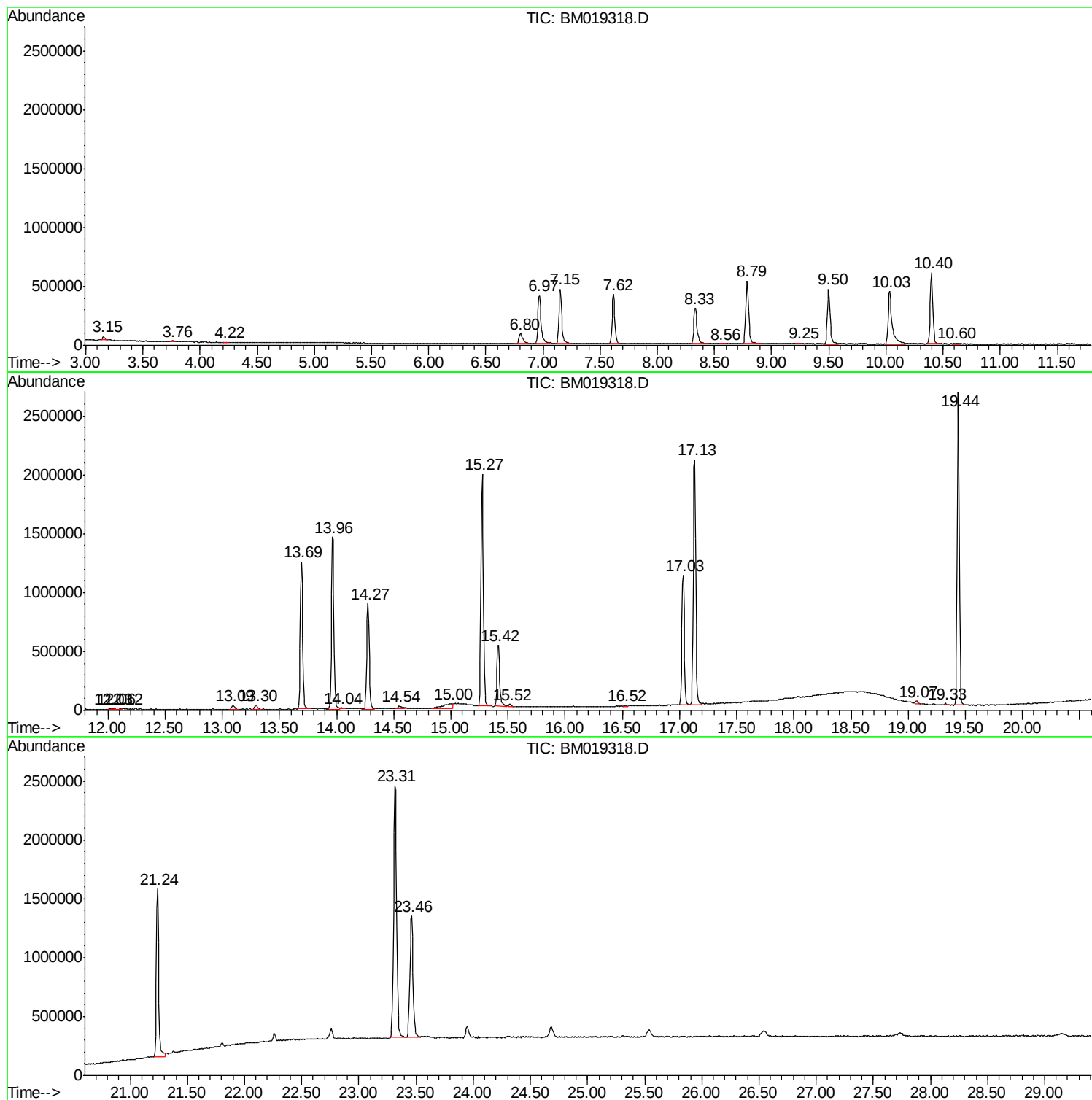
Sum of corrected areas: 32549658

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

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



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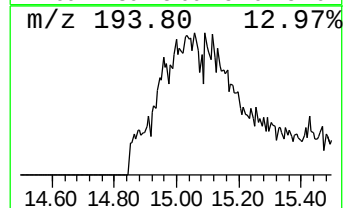
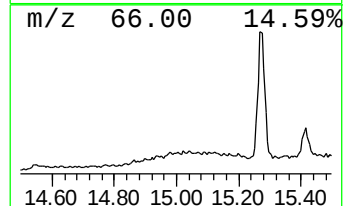
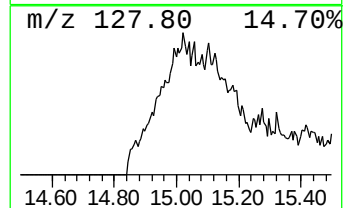
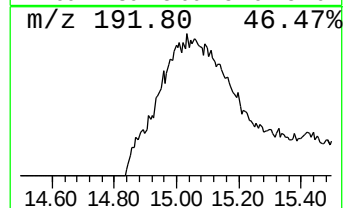
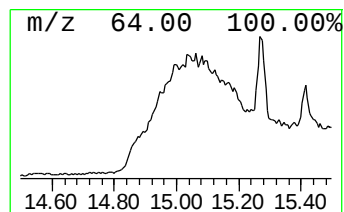
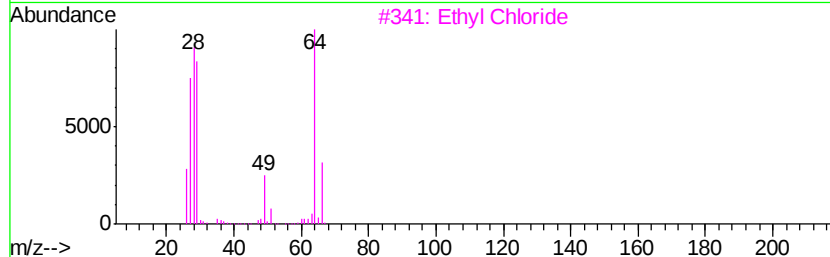
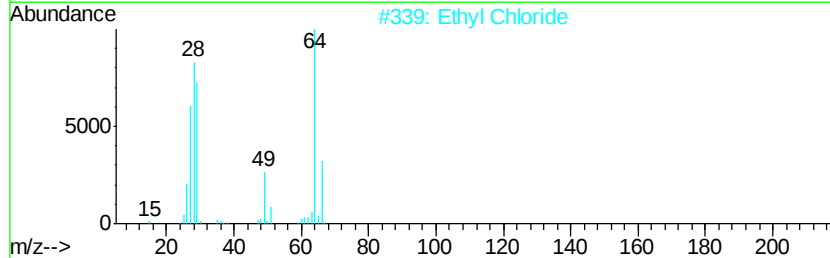
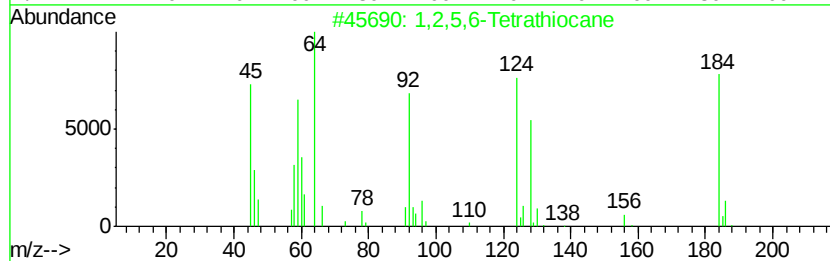
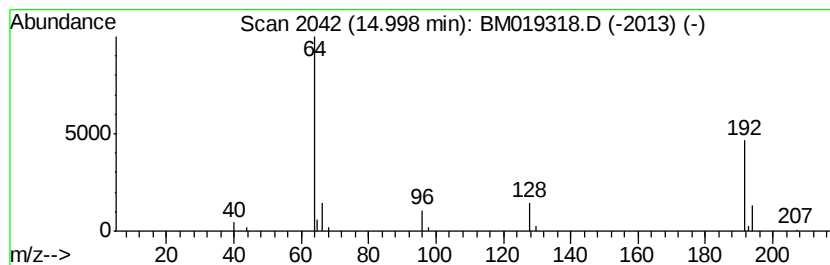
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 15.00 | 3.74 ng/ul | 253275 | Acenaphthene-d10 | 14.27 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1,2,5,6-Tetrathiocane               | 184 | C4H8S4  | 001940-01-8 | 39   |
| 2    |    |   | Ethyl Chloride                      | 64  | C2H5Cl  | 000075-00-3 | 4    |
| 3    |    |   | Ethyl Chloride                      | 64  | C2H5Cl  | 000075-00-3 | 4    |
| 4    |    |   | Di(tert-butyl) trisulfide, perfl... | 534 | C8F18S3 | 016005-64-4 | 4    |
| 5    |    |   | Sulfur dioxide                      | 64  | O2S     | 007446-09-5 | 3    |



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Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown-01       | 15.00 | 3.7     | ng/ul | 253275   | 3                     | 14.27 | 1355370 | 20.0 |