

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\  
 Data File : BM021018.D  
 Acq On : 18 Jun 2019 18:56  
 Operator : HP/JU  
 Sample : K3353-19  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0JT7

## 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-BM061419MA.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      | 3.034    | 4          | 8        | 18        | rVV   | 3042345     | 3546813    | 45.90%       | 4.204%     |
| 2      | 3.105    | 18         | 20       | 26        | rVB   | 66569       | 84071      | 1.09%        | 0.100%     |
| 3      | 3.193    | 32         | 35       | 42        | rVB   | 40104       | 55476      | 0.72%        | 0.066%     |
| 4      | 3.263    | 42         | 47       | 51        | rVV   | 177635      | 250915     | 3.25%        | 0.297%     |
| 5      | 3.322    | 53         | 57       | 72        | rVB   | 2465102     | 3130766    | 40.52%       | 3.711%     |
| 6      | 3.740    | 124        | 128      | 134       | rBV   | 452418      | 524571     | 6.79%        | 0.622%     |
| 7      | 3.916    | 155        | 158      | 165       | rVB2  | 28949       | 42996      | 0.56%        | 0.051%     |
| 8      | 3.993    | 167        | 171      | 180       | rVB2  | 45882       | 83885      | 1.09%        | 0.099%     |
| 9      | 4.116    | 189        | 192      | 195       | rBV2  | 21116       | 28801      | 0.37%        | 0.034%     |
| 10     | 4.157    | 196        | 199      | 207       | rVB   | 41839       | 59852      | 0.77%        | 0.071%     |
| 11     | 4.269    | 213        | 218      | 225       | rVV   | 261907      | 330244     | 4.27%        | 0.391%     |
| 12     | 4.340    | 226        | 230      | 239       | rVB2  | 102077      | 145784     | 1.89%        | 0.173%     |
| 13     | 4.446    | 241        | 248      | 255       | rBV2  | 1713131     | 2404773    | 31.12%       | 2.850%     |
| 14     | 4.510    | 255        | 259      | 266       | rVB   | 113664      | 157535     | 2.04%        | 0.187%     |
| 15     | 4.893    | 318        | 324      | 336       | rVB   | 1113543     | 1489726    | 19.28%       | 1.766%     |
| 16     | 5.022    | 343        | 346      | 353       | rVB2  | 24741       | 33327      | 0.43%        | 0.040%     |
| 17     | 5.387    | 405        | 408      | 413       | rVB   | 21628       | 28820      | 0.37%        | 0.034%     |
| 18     | 5.746    | 465        | 469      | 477       | rVB   | 62160       | 84513      | 1.09%        | 0.100%     |
| 19     | 6.781    | 641        | 645      | 653       | rVB4  | 10118       | 21090      | 0.27%        | 0.025%     |
| 20     | 6.898    | 657        | 665      | 669       | rVV   | 175390      | 254817     | 3.30%        | 0.302%     |
| 21     | 6.951    | 669        | 674      | 681       | rVV   | 338976      | 537233     | 6.95%        | 0.637%     |
| 22     | 7.004    | 681        | 683      | 687       | rVB4  | 10793       | 14509      | 0.19%        | 0.017%     |
| 23     | 7.128    | 697        | 704      | 713       | rBV   | 802575      | 1246426    | 16.13%       | 1.477%     |
| 24     | 7.322    | 729        | 737      | 746       | rBV   | 954614      | 1498074    | 19.39%       | 1.776%     |
| 25     | 7.434    | 752        | 756      | 761       | rVB3  | 14676       | 21439      | 0.28%        | 0.025%     |
| 26     | 7.787    | 810        | 816      | 822       | rBV   | 854868      | 1347691    | 17.44%       | 1.597%     |
| 27     | 7.845    | 822        | 826      | 832       | rVV2  | 54168       | 84902      | 1.10%        | 0.101%     |
| 28     | 7.898    | 832        | 835      | 838       | rVB3  | 7543        | 10896      | 0.14%        | 0.013%     |
| 29     | 8.487    | 929        | 935      | 944       | rBV   | 888240      | 1420838    | 18.39%       | 1.684%     |
| 30     | 8.616    | 952        | 957      | 965       | rVB2  | 30263       | 51242      | 0.66%        | 0.061%     |
| 31     | 8.887    | 999        | 1003     | 1006      | rBV6  | 8915        | 13927      | 0.18%        | 0.017%     |
| 32     | 8.951    | 1006       | 1014     | 1022      | rVV   | 1038999     | 1735184    | 22.46%       | 2.057%     |
| 33     | 9.110    | 1035       | 1041     | 1046      | rBV7  | 14462       | 28664      | 0.37%        | 0.034%     |
| 34     | 9.187    | 1046       | 1054     | 1063      | rVB2  | 30188       | 82462      | 1.07%        | 0.098%     |

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 Stop Thrs : 0

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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-BM061419MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 9.322  | 1071 | 1077 | 1083 | rVB  | 98836   | 144860  | 1.87%  | 0.172% |
| 36 | 9.469  | 1097 | 1102 | 1107 | rVB2 | 5633    | 10097   | 0.13%  | 0.012% |
| 37 | 9.663  | 1129 | 1135 | 1151 | rVB  | 891880  | 1489906 | 19.28% | 1.766% |
| 38 | 9.839  | 1158 | 1165 | 1171 | rBV6 | 10708   | 25538   | 0.33%  | 0.030% |
| 39 | 9.969  | 1182 | 1187 | 1193 | rVB4 | 20515   | 36381   | 0.47%  | 0.043% |
| 40 | 10.198 | 1219 | 1226 | 1236 | rBV  | 1478447 | 2434655 | 31.51% | 2.886% |
| 41 | 10.363 | 1247 | 1254 | 1268 | rBV2 | 79672   | 160602  | 2.08%  | 0.190% |
| 42 | 10.575 | 1283 | 1290 | 1297 | rBV  | 1234509 | 2078844 | 26.90% | 2.464% |
| 43 | 10.628 | 1297 | 1299 | 1306 | rVB3 | 15649   | 18923   | 0.24%  | 0.022% |
| 44 | 10.722 | 1306 | 1315 | 1332 | rBV  | 1284002 | 2256377 | 29.20% | 2.674% |
| 45 | 11.122 | 1376 | 1383 | 1386 | rBV4 | 6371    | 13044   | 0.17%  | 0.015% |
| 46 | 11.175 | 1386 | 1392 | 1398 | rVV4 | 8359    | 19277   | 0.25%  | 0.023% |
| 47 | 11.233 | 1398 | 1402 | 1410 | rVB4 | 11574   | 22795   | 0.29%  | 0.027% |
| 48 | 11.369 | 1421 | 1425 | 1431 | rBV5 | 8713    | 16636   | 0.22%  | 0.020% |
| 49 | 11.486 | 1440 | 1445 | 1452 | rVB3 | 6836    | 11577   | 0.15%  | 0.014% |
| 50 | 11.763 | 1487 | 1492 | 1496 | rVV3 | 13633   | 21616   | 0.28%  | 0.026% |
| 51 | 11.816 | 1496 | 1501 | 1507 | rVB  | 77151   | 110112  | 1.43%  | 0.131% |
| 52 | 12.122 | 1549 | 1553 | 1556 | rBV4 | 13834   | 17513   | 0.23%  | 0.021% |
| 53 | 12.169 | 1556 | 1561 | 1565 | rVV  | 26417   | 39893   | 0.52%  | 0.047% |
| 54 | 12.269 | 1569 | 1578 | 1583 | rBV2 | 18055   | 36382   | 0.47%  | 0.043% |
| 55 | 12.575 | 1624 | 1630 | 1634 | rBV5 | 4929    | 9753    | 0.13%  | 0.012% |
| 56 | 12.775 | 1657 | 1664 | 1669 | rVB2 | 15843   | 28228   | 0.37%  | 0.033% |
| 57 | 12.969 | 1691 | 1697 | 1703 | rVB6 | 7503    | 16471   | 0.21%  | 0.020% |
| 58 | 13.027 | 1703 | 1707 | 1712 | rBV3 | 24352   | 36450   | 0.47%  | 0.043% |
| 59 | 13.839 | 1834 | 1845 | 1856 | rBV  | 2960349 | 4186367 | 54.18% | 4.962% |
| 60 | 13.951 | 1860 | 1864 | 1867 | rBV5 | 8259    | 9893    | 0.13%  | 0.012% |
| 61 | 14.074 | 1880 | 1885 | 1886 | rBV3 | 16468   | 21463   | 0.28%  | 0.025% |
| 62 | 14.121 | 1886 | 1893 | 1901 | rVB  | 3203749 | 4772588 | 61.76% | 5.657% |
| 63 | 14.427 | 1938 | 1945 | 1954 | rBV2 | 2082326 | 3360332 | 43.49% | 3.983% |
| 64 | 14.492 | 1954 | 1956 | 1961 | rVB4 | 12114   | 14557   | 0.19%  | 0.017% |
| 65 | 14.633 | 1972 | 1980 | 1995 | rBV  | 267163  | 504597  | 6.53%  | 0.598% |
| 66 | 14.833 | 2010 | 2014 | 2022 | rVB6 | 9790    | 20073   | 0.26%  | 0.024% |
| 67 | 15.221 | 2074 | 2080 | 2087 | rBV  | 71722   | 100766  | 1.30%  | 0.119% |
| 68 | 15.380 | 2103 | 2107 | 2108 | rBV  | 42024   | 45667   | 0.59%  | 0.054% |
| 69 | 15.421 | 2108 | 2114 | 2121 | rVB  | 4394182 | 6215987 | 80.44% | 7.368% |
| 70 | 15.545 | 2127 | 2135 | 2149 | rBV  | 895346  | 1257720 | 16.28% | 1.491% |
| 71 | 15.663 | 2149 | 2155 | 2161 | rBV  | 55654   | 80606   | 1.04%  | 0.096% |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 15.763 | 2167 | 2172 | 2175 | rBV3 | 15902   | 21520   | 0.28%   | 0.026% |
| 73  | 15.886 | 2184 | 2193 | 2201 | rVB6 | 42680   | 97838   | 1.27%   | 0.116% |
| 74  | 15.992 | 2206 | 2211 | 2216 | rVB2 | 80922   | 105080  | 1.36%   | 0.125% |
| 75  | 16.045 | 2216 | 2220 | 2225 | rBV3 | 18884   | 26885   | 0.35%   | 0.032% |
| 76  | 16.210 | 2242 | 2248 | 2252 | rBV5 | 9272    | 13939   | 0.18%   | 0.017% |
| 77  | 16.310 | 2262 | 2265 | 2269 | rBV5 | 10495   | 13716   | 0.18%   | 0.016% |
| 78  | 16.368 | 2272 | 2275 | 2279 | rVB5 | 7855    | 9744    | 0.13%   | 0.012% |
| 79  | 16.627 | 2315 | 2319 | 2323 | rVB  | 35695   | 44709   | 0.58%   | 0.053% |
| 80  | 16.857 | 2353 | 2358 | 2368 | rBV4 | 17394   | 34063   | 0.44%   | 0.040% |
| 81  | 16.962 | 2372 | 2376 | 2382 | rVB4 | 10954   | 18098   | 0.23%   | 0.021% |
| 82  | 17.174 | 2405 | 2412 | 2418 | rVV  | 2833705 | 3992477 | 51.67%  | 4.732% |
| 83  | 17.274 | 2422 | 2429 | 2440 | rVV  | 4728844 | 6874434 | 88.96%  | 8.148% |
| 84  | 17.451 | 2456 | 2459 | 2465 | rVB2 | 9458    | 14576   | 0.19%   | 0.017% |
| 85  | 17.527 | 2468 | 2472 | 2475 | rBV2 | 12661   | 18181   | 0.24%   | 0.022% |
| 86  | 17.698 | 2496 | 2501 | 2505 | rBV3 | 37459   | 51252   | 0.66%   | 0.061% |
| 87  | 17.833 | 2521 | 2524 | 2529 | rVB6 | 20168   | 25290   | 0.33%   | 0.030% |
| 88  | 18.033 | 2553 | 2558 | 2561 | rBV  | 45395   | 65926   | 0.85%   | 0.078% |
| 89  | 18.139 | 2571 | 2576 | 2584 | rVB  | 72118   | 91706   | 1.19%   | 0.109% |
| 90  | 18.592 | 2645 | 2653 | 2657 | rBV3 | 34744   | 50312   | 0.65%   | 0.060% |
| 91  | 18.639 | 2657 | 2661 | 2665 | rVB3 | 26617   | 33604   | 0.43%   | 0.040% |
| 92  | 18.992 | 2717 | 2721 | 2725 | rBV7 | 10831   | 13944   | 0.18%   | 0.017% |
| 93  | 19.198 | 2752 | 2756 | 2760 | rBV  | 60211   | 80051   | 1.04%   | 0.095% |
| 94  | 19.345 | 2777 | 2781 | 2783 | rBV5 | 13724   | 19781   | 0.26%   | 0.023% |
| 95  | 19.445 | 2794 | 2798 | 2803 | rBV2 | 51122   | 92462   | 1.20%   | 0.110% |
| 96  | 19.562 | 2812 | 2818 | 2831 | rBV  | 5588526 | 7727137 | 100.00% | 9.159% |
| 97  | 20.139 | 2913 | 2916 | 2919 | rVB3 | 27481   | 29593   | 0.38%   | 0.035% |
| 98  | 21.350 | 3117 | 3122 | 3132 | rBV  | 2985128 | 3936301 | 50.94%  | 4.666% |
| 99  | 23.486 | 3478 | 3485 | 3494 | rVB  | 3718814 | 6762484 | 87.52%  | 8.016% |
| 100 | 23.627 | 3503 | 3509 | 3520 | rVB2 | 1815449 | 3602990 | 46.63%  | 4.271% |

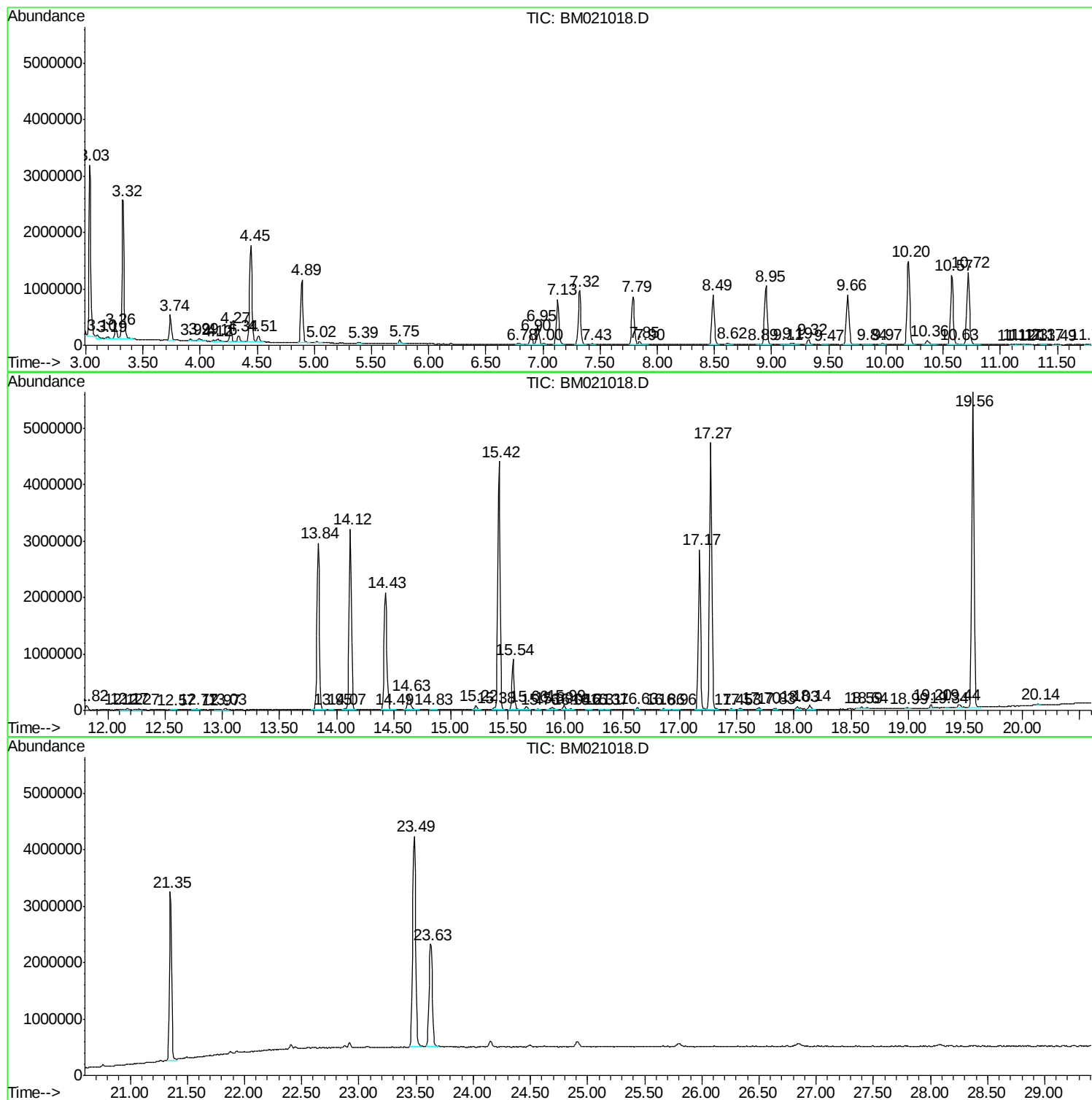
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

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-BM061419MA.M  
Quant Title : SVOA CALIBRATION

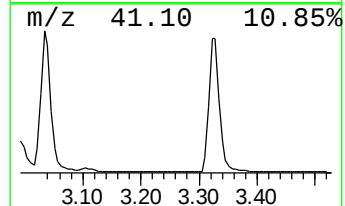
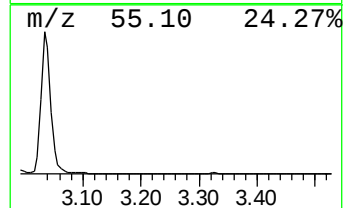
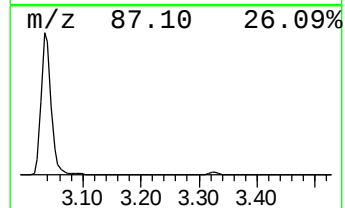
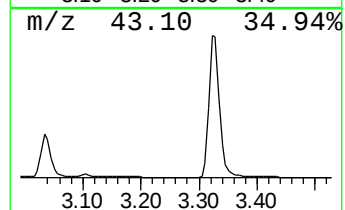
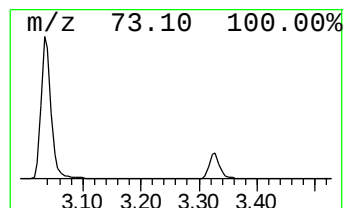
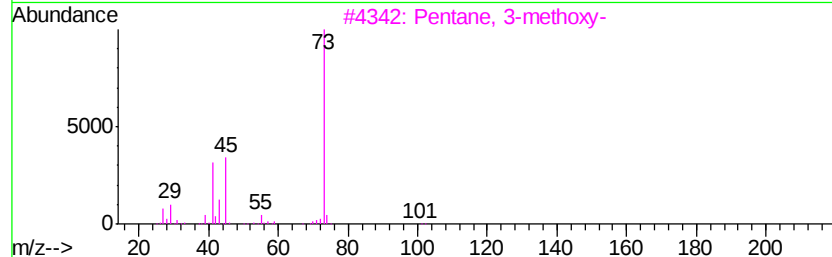
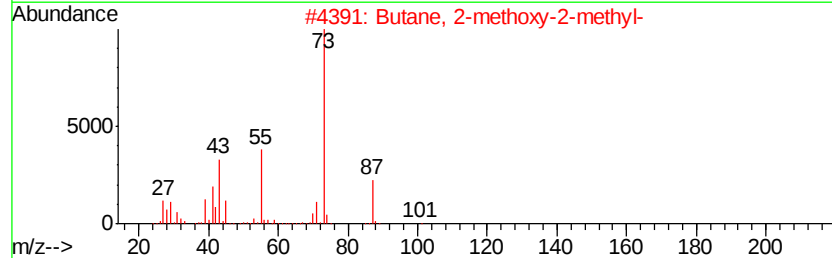
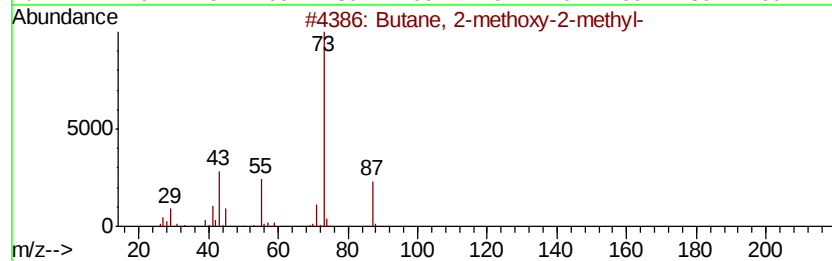
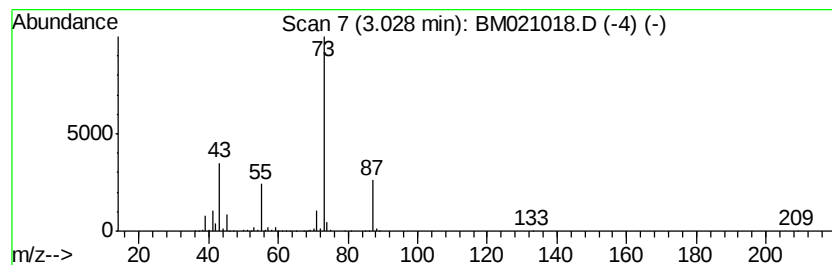
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 3.03 | 52.64 ng/ul | 3546810 | 1,4-Dichlorobenzene-d4 | 7.79 |

| 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    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |



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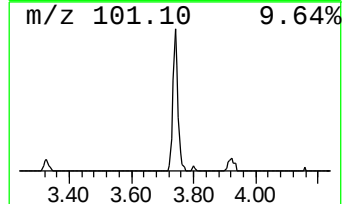
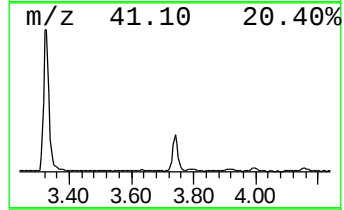
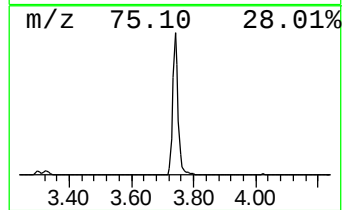
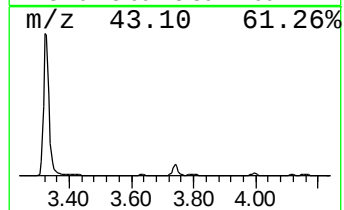
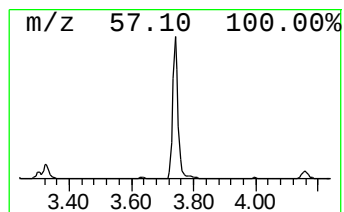
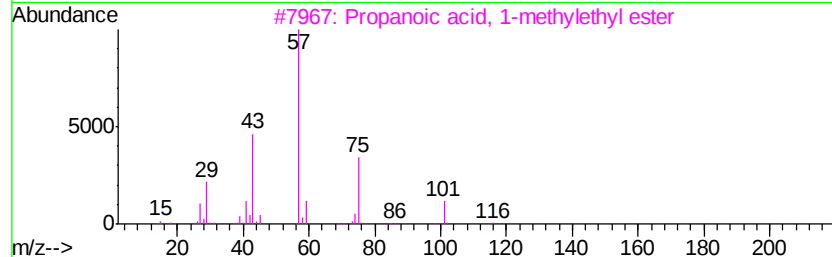
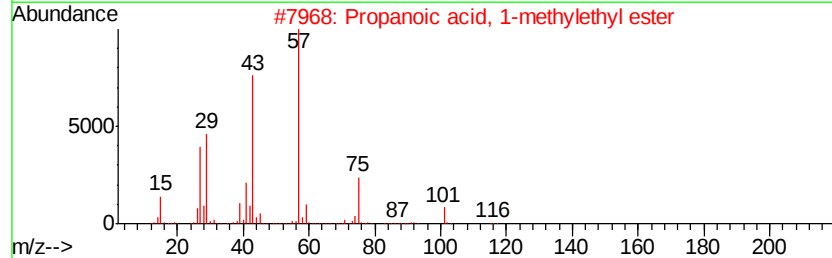
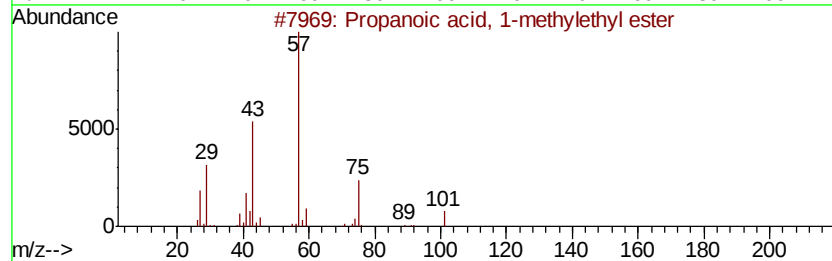
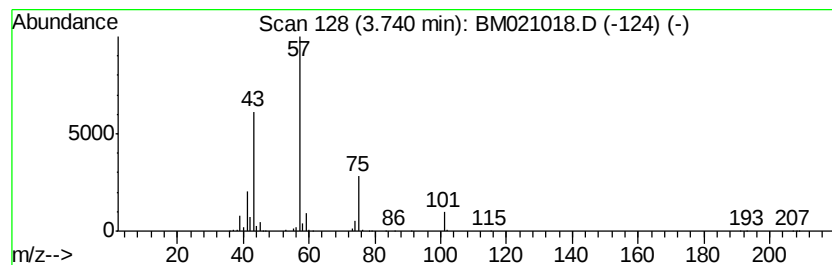
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Propanoic acid, 1-methyleth... Concentration Rank 4

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 3.74 | 7.78 ng/ul | 524571 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 90   |
| 2    |    | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 83   |
| 3    |    | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 83   |
| 4    |    | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 42   |
| 5    |    | Propanoic acid, propyl ester        | 116 | C6H12O2 | 000106-36-5 | 36   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\  
Data File : BM021018.D  
Acq On : 18 Jun 2019 18:56  
Operator : HP/JU  
Sample : K3353-19  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0JT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

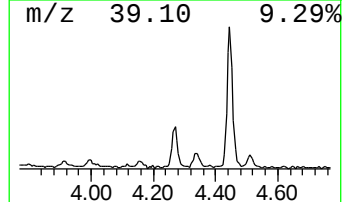
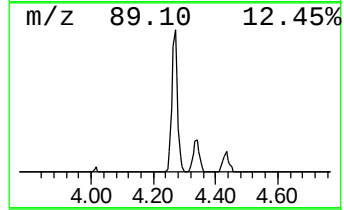
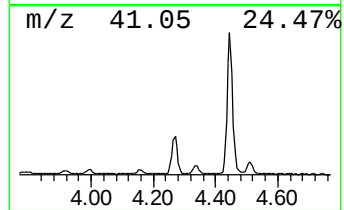
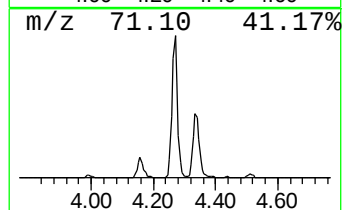
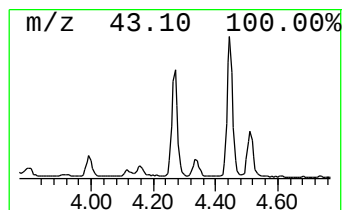
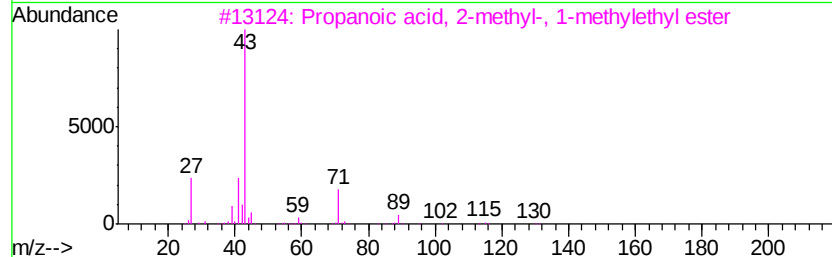
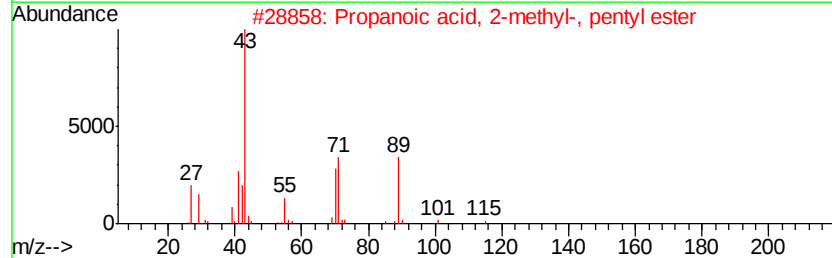
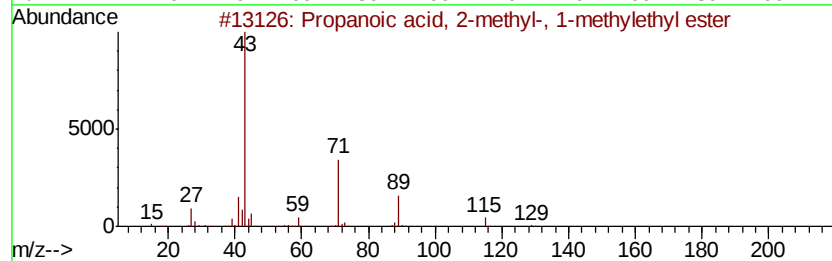
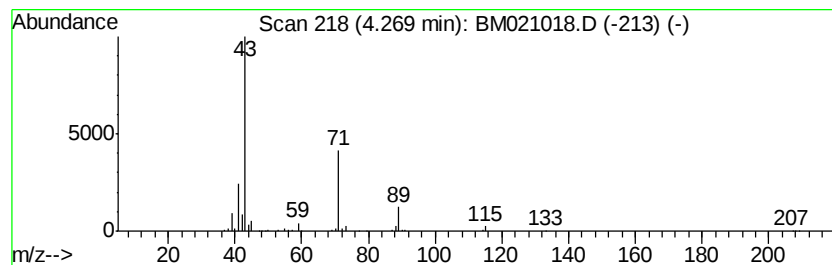
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 5

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 4.27 | 4.90 ng/ul | 330244 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 83   |
| 2    |    | Propanoic acid, 2-methyl-, penty... | 158 | C9H18O2 | 002445-72-9 | 56   |
| 3    |    | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 53   |
| 4    |    | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 53   |
| 5    |    | Butanoic acid, 1-methylethyl ester  | 130 | C7H14O2 | 000638-11-9 | 42   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\  
Data File : BM021018.D  
Acq On : 18 Jun 2019 18:56  
Operator : HP/JU  
Sample : K3353-19  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0JT7

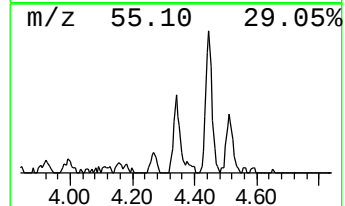
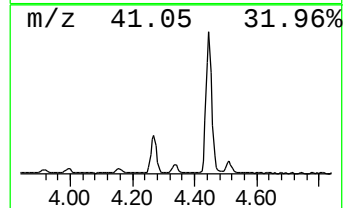
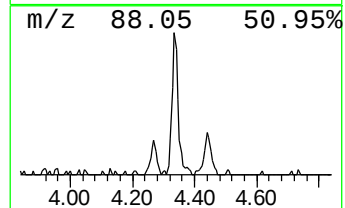
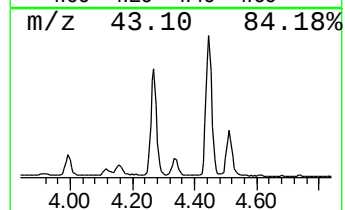
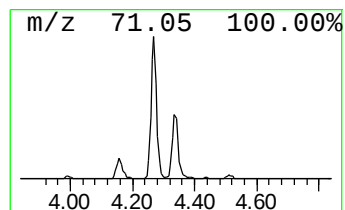
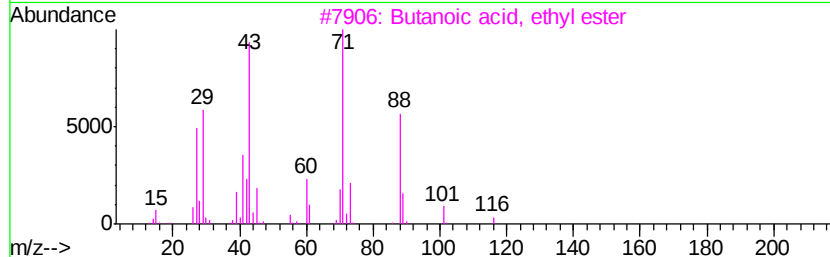
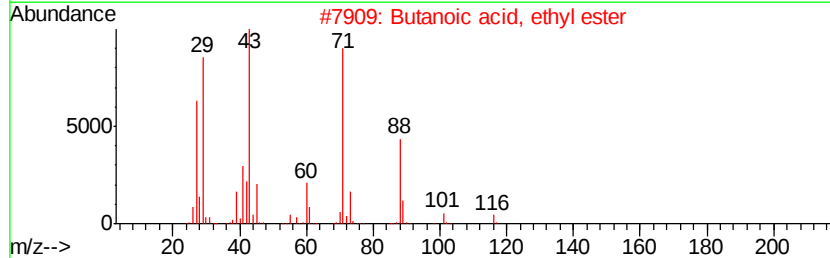
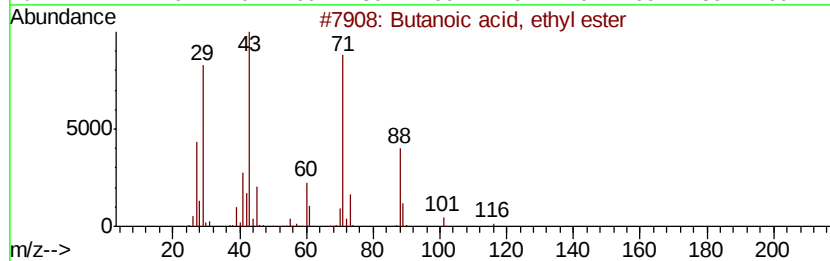
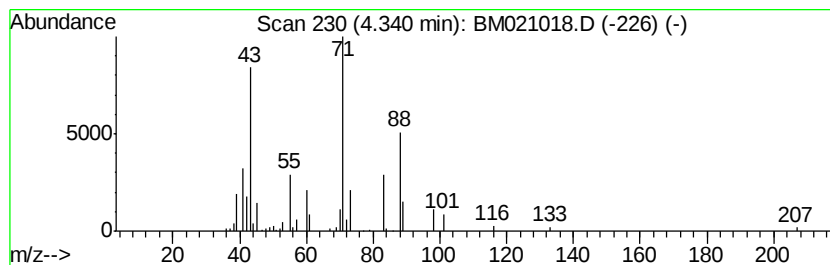
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Butanoic acid, ethyl ester Concentration Rank 8

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 4.34 | 2.16 ng/ul | 145784 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Butanoic acid, ethyl ester          | 116 | C6H12O2   | 000105-54-4  | 83   |
| 2    |    | Butanoic acid, ethyl ester          | 116 | C6H12O2   | 000105-54-4  | 64   |
| 3    |    | Butanoic acid, ethyl ester          | 116 | C6H12O2   | 000105-54-4  | 60   |
| 4    |    | 3-Methyl-6-(methylthio)hexa-1,5-... | 158 | C8H14OS   | 1000191-74-2 | 53   |
| 5    |    | 3-Mercaptohexyl butanoate           | 204 | C10H20O2S | 136954-21-7  | 43   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\  
Data File : BM021018.D  
Acq On : 18 Jun 2019 18:56  
Operator : HP/JU  
Sample : K3353-19  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0JT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

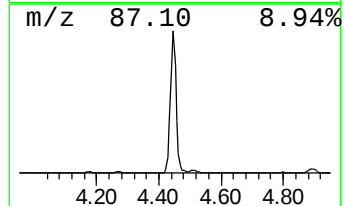
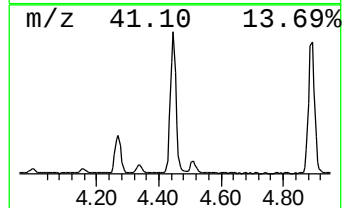
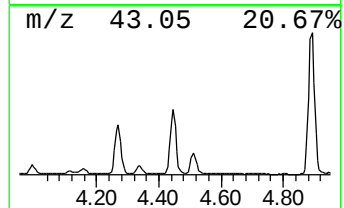
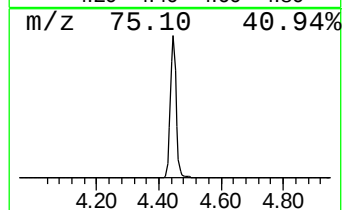
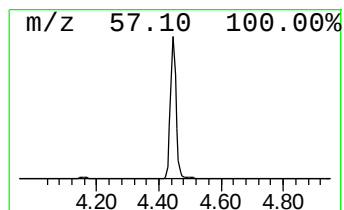
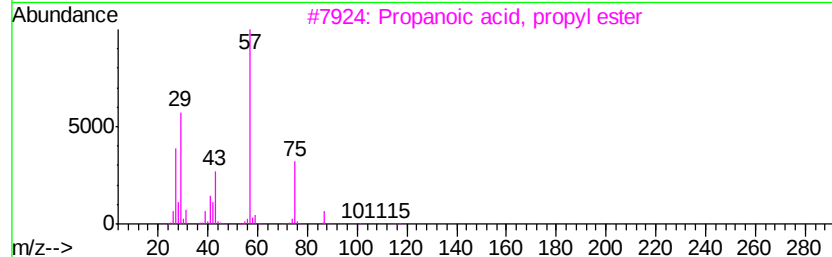
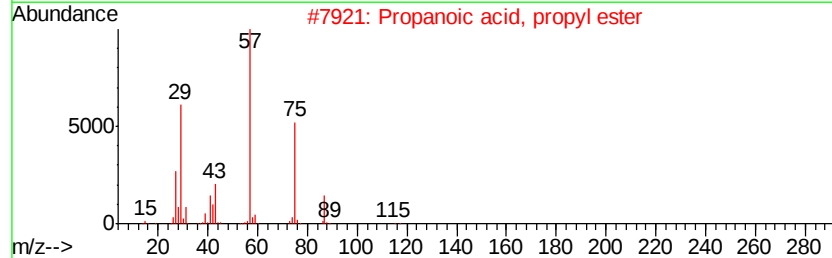
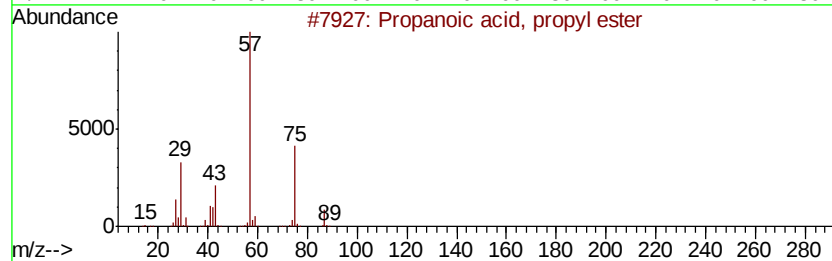
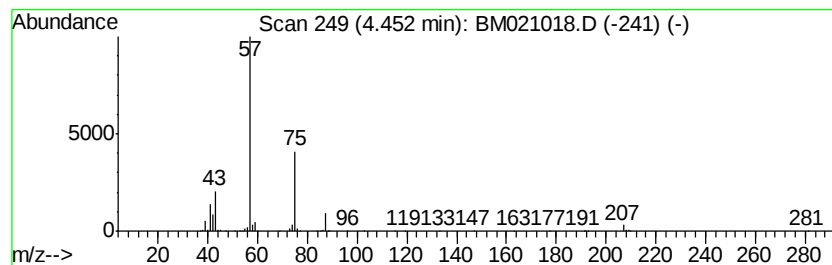
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Propanoic acid, propyl ester Concentration Rank 2

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 4.45 | 35.69 ng/ul | 2404770 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# of | 5                            | Tentative ID | MW      | MolForm     | CAS# | Qual |
|---------|------------------------------|--------------|---------|-------------|------|------|
| 1       | Propanoic acid, propyl ester | 116          | C6H12O2 | 000106-36-5 | 78   |      |
| 2       | Propanoic acid, propyl ester | 116          | C6H12O2 | 000106-36-5 | 78   |      |
| 3       | Propanoic acid, propyl ester | 116          | C6H12O2 | 000106-36-5 | 78   |      |
| 4       | Propanoic acid, propyl ester | 116          | C6H12O2 | 000106-36-5 | 64   |      |
| 5       | Propanoic acid, butyl ester  | 130          | C7H14O2 | 000590-01-2 | 25   |      |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\  
Data File : BM021018.D  
Acq On : 18 Jun 2019 18:56  
Operator : HP/JU  
Sample : K3353-19  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Title : SVOA CALIBRATION

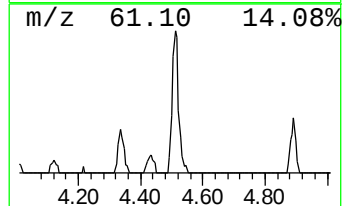
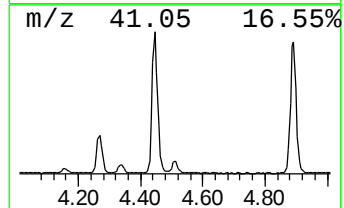
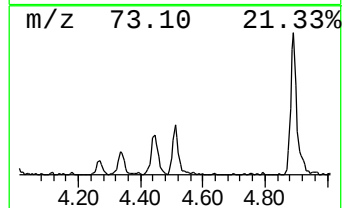
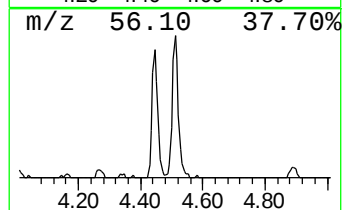
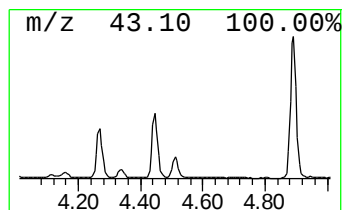
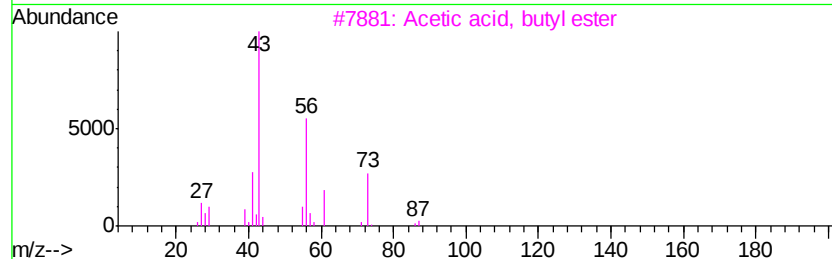
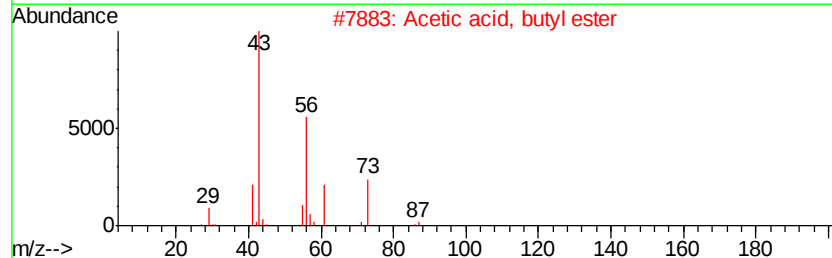
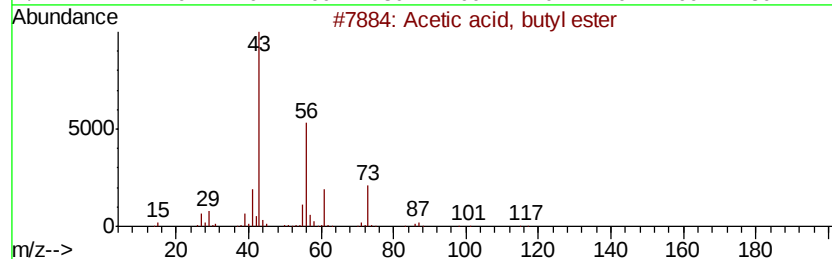
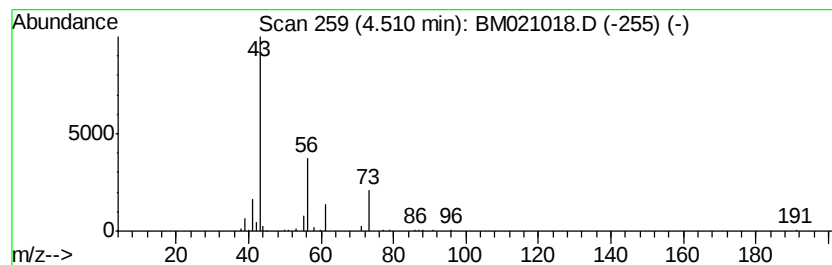
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Acetic acid, butyl ester Concentration Rank 7

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 4.51 | 2.34 ng/ul | 157535 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of                       | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|--------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Acetic acid, butyl ester |   |              | 116 | C6H12O2 | 000123-86-4 | 72   |
| 2    | Acetic acid, butyl ester |   |              | 116 | C6H12O2 | 000123-86-4 | 59   |
| 3    | Acetic acid, butyl ester |   |              | 116 | C6H12O2 | 000123-86-4 | 59   |
| 4    | Acetic acid, butyl ester |   |              | 116 | C6H12O2 | 000123-86-4 | 45   |
| 5    | Acetic acid, butyl ester |   |              | 116 | C6H12O2 | 000123-86-4 | 45   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\  
Data File : BM021018.D  
Acq On : 18 Jun 2019 18:56  
Operator : HP/JU  
Sample : K3353-19  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Title : SVOA CALIBRATION

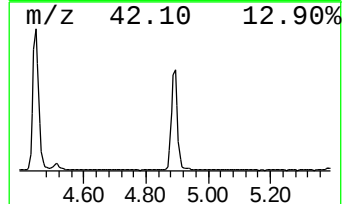
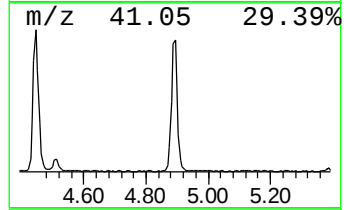
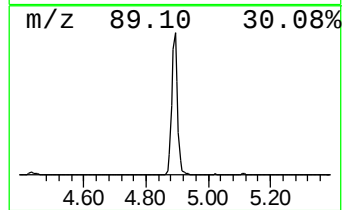
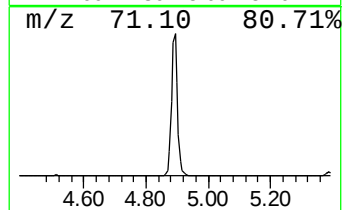
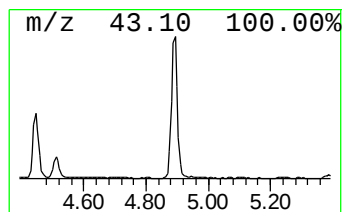
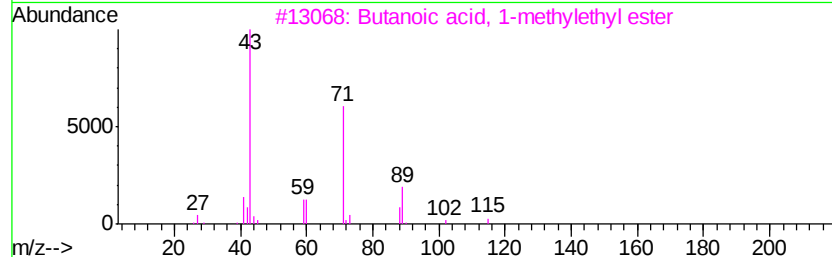
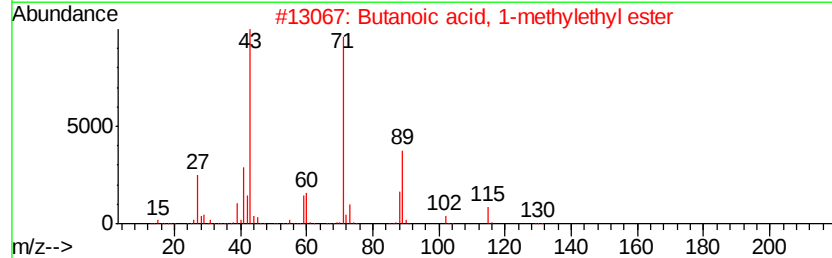
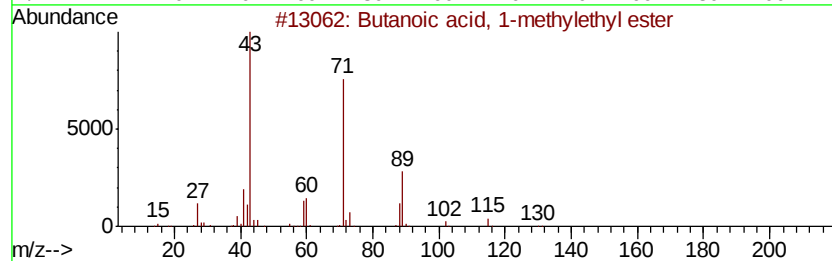
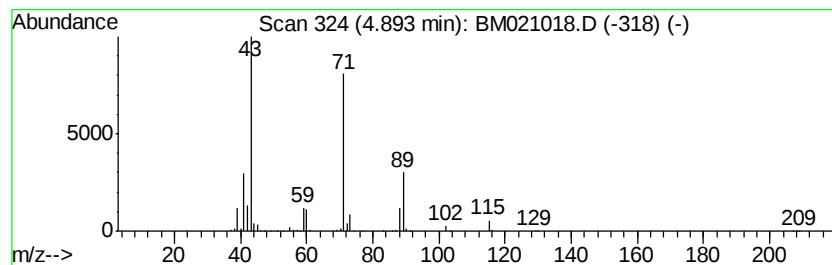
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Butanoic acid, 1-methylethy... Concentration Rank 3

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 4.89 | 22.11 ng/ul | 1489730 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Butanoic acid, 1-methylethyl ester   | 130 | C7H14O2 | 000638-11-9 | 91   |
| 2    |    | Butanoic acid, 1-methylethyl ester   | 130 | C7H14O2 | 000638-11-9 | 90   |
| 3    |    | Butanoic acid, 1-methylethyl ester   | 130 | C7H14O2 | 000638-11-9 | 78   |
| 4    |    | Propanoic acid, 2-methyl-, propyl... | 130 | C7H14O2 | 000644-49-5 | 72   |
| 5    |    | Butanoic acid, butyl ester           | 144 | C8H16O2 | 000109-21-7 | 64   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\  
Data File : BM021018.D  
Acq On : 18 Jun 2019 18:56  
Operator : HP/JU  
Sample : K3353-19  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0JT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

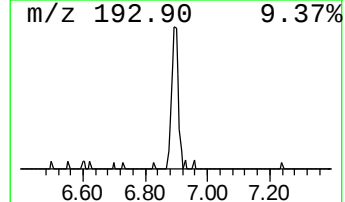
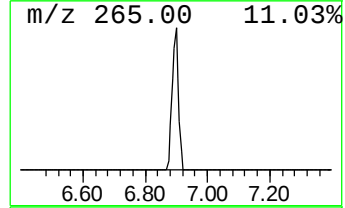
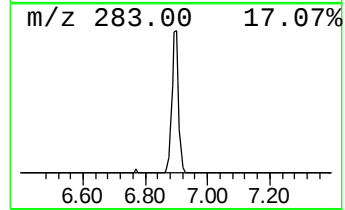
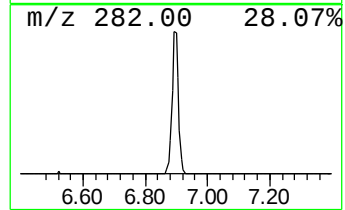
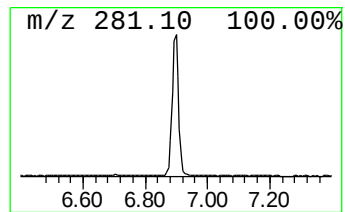
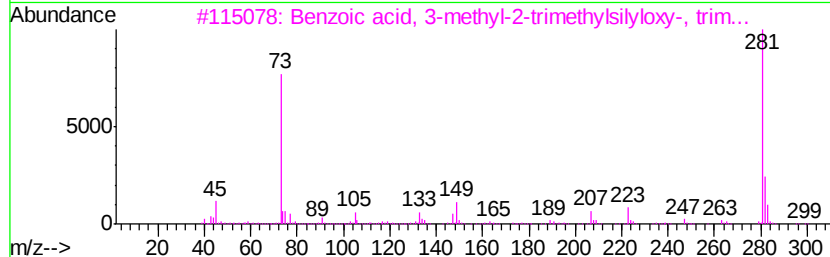
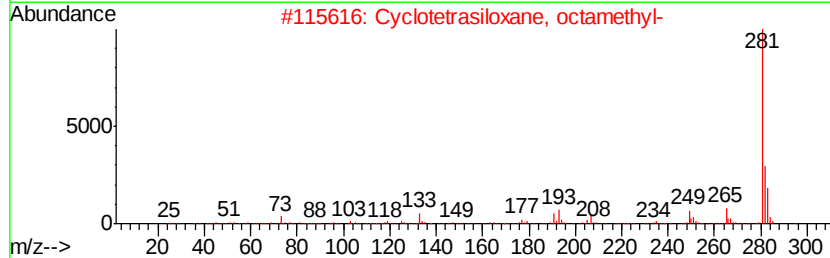
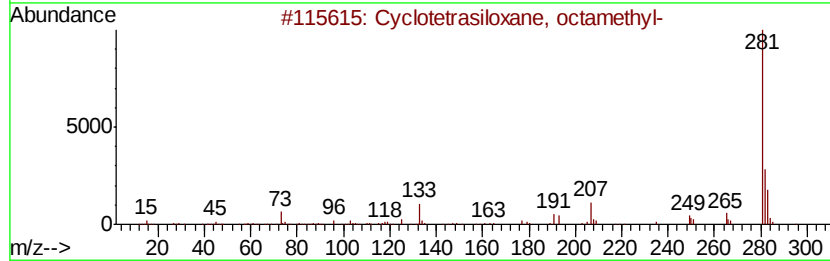
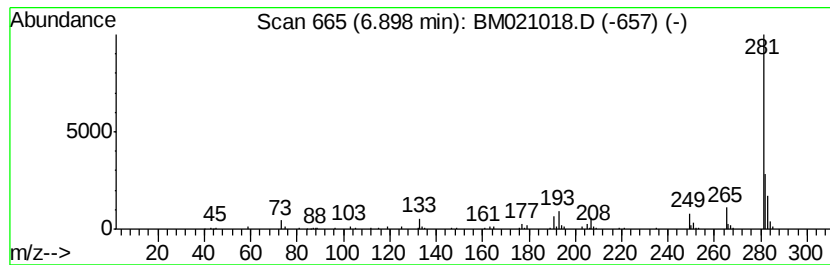
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Cyclotetrasiloxane, octamet... Concentration Rank 6

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 6.90 | 3.78 ng/ul | 254817 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Cyclotetrasiloxane, octamethyl-     | 296 | C8H24O4Si4  | 000556-67-2  | 90   |
| 2    |    | Cyclotetrasiloxane, octamethyl-     | 296 | C8H24O4Si4  | 000556-67-2  | 70   |
| 3    |    | Benzoic acid, 3-methyl-2-trimeth... | 296 | C14H24O3Si2 | 1000153-57-1 | 59   |
| 4    |    | 5-(p-Aminophenyl)-4-(p-tolyl)-2-... | 281 | C16H15N3S   | 094460-46-5  | 59   |
| 5    |    | 7H-Dibenzo[b,g]carbazole, 7-methyl- | 281 | C21H15N     | 003557-49-1  | 50   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM061819\  
Data File : BM021018.D  
Acq On : 18 Jun 2019 18:56  
Operator : HP/JU  
Sample : K3353-19  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0JT7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
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 |
| Butane, 2-methoxy... | 3.03 | 52.6    | ng/ul | 3546810  | 1                     | 7.79 | 1347690 | 20.0 |
| Propanoic acid, 1... | 3.74 | 7.8     | ng/ul | 524571   | 1                     | 7.79 | 1347690 | 20.0 |
| Propanoic acid, 2... | 4.27 | 4.9     | ng/ul | 330244   | 1                     | 7.79 | 1347690 | 20.0 |
| Butanoic acid, et... | 4.34 | 2.2     | ng/ul | 145784   | 1                     | 7.79 | 1347690 | 20.0 |
| Propanoic acid, p... | 4.45 | 35.7    | ng/ul | 2404770  | 1                     | 7.79 | 1347690 | 20.0 |
| Acetic acid, buty... | 4.51 | 2.3     | ng/ul | 157535   | 1                     | 7.79 | 1347690 | 20.0 |
| Butanoic acid, 1-... | 4.89 | 22.1    | ng/ul | 1489730  | 1                     | 7.79 | 1347690 | 20.0 |
| Cyclotetrasiloxan... | 6.90 | 3.8     | ng/ul | 254817   | 1                     | 7.79 | 1347690 | 20.0 |