

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM100119\  
 Data File : BM022878.D  
 Acq On : 02 Oct 2019 06:10  
 Operator : JU  
 Sample : K4932-11  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFDJ9

## 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-BM092719MA.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         | 3.163       | 27            | 30          | 39           | rVB      | 47733          | 69813         | 1.13%           | 0.089%        |
| 2         | 3.275       | 45            | 49          | 50           | rBV      | 95968          | 109475        | 1.78%           | 0.140%        |
| 3         | 3.304       | 50            | 54          | 68           | rVV      | 2520604        | 3056663       | 49.65%          | 3.912%        |
| 4         | 3.410       | 69            | 72          | 89           | rVB2     | 24804          | 57722         | 0.94%           | 0.074%        |
| 5         | 3.675       | 113           | 117         | 122          | rVB      | 35792          | 47795         | 0.78%           | 0.061%        |
| 6         | 3.734       | 122           | 127         | 132          | rBV      | 259019         | 329609        | 5.35%           | 0.422%        |
| 7         | 3.916       | 151           | 158         | 166          | rVV5     | 41874          | 92929         | 1.51%           | 0.119%        |
| 8         | 3.987       | 166           | 170         | 183          | rVB2     | 81524          | 175083        | 2.84%           | 0.224%        |
| 9         | 4.151       | 193           | 198         | 205          | rVB      | 43969          | 64908         | 1.05%           | 0.083%        |
| 10        | 4.269       | 213           | 218         | 225          | rBV      | 585850         | 744004        | 12.08%          | 0.952%        |
| 11        | 4.340       | 225           | 230         | 241          | rVB      | 68711          | 108061        | 1.76%           | 0.138%        |
| 12        | 4.446       | 243           | 248         | 256          | rBV      | 794446         | 1028077       | 16.70%          | 1.316%        |
| 13        | 4.516       | 256           | 260         | 269          | rVB      | 38798          | 58755         | 0.95%           | 0.075%        |
| 14        | 4.898       | 317           | 325         | 336          | rBV      | 970810         | 1309486       | 21.27%          | 1.676%        |
| 15        | 4.987       | 336           | 340         | 350          | rVB2     | 16554          | 31731         | 0.52%           | 0.041%        |
| 16        | 5.322       | 391           | 397         | 403          | rVB3     | 17905          | 30659         | 0.50%           | 0.039%        |
| 17        | 5.398       | 405           | 410         | 415          | rVV      | 36352          | 50755         | 0.82%           | 0.065%        |
| 18        | 5.451       | 415           | 419         | 429          | rVB      | 41269          | 83012         | 1.35%           | 0.106%        |
| 19        | 5.763       | 467           | 472         | 478          | rBV      | 133007         | 184202        | 2.99%           | 0.236%        |
| 20        | 5.822       | 478           | 482         | 489          | rVB      | 37674          | 60823         | 0.99%           | 0.078%        |
| 21        | 6.804       | 641           | 649         | 660          | rBV4     | 22111          | 60112         | 0.98%           | 0.077%        |
| 22        | 6.898       | 660           | 665         | 669          | rVV      | 24704          | 37663         | 0.61%           | 0.048%        |
| 23        | 6.969       | 669           | 677         | 685          | rVV      | 325832         | 599306        | 9.73%           | 0.767%        |
| 24        | 7.028       | 685           | 687         | 693          | rVB      | 25218          | 35104         | 0.57%           | 0.045%        |
| 25        | 7.134       | 698           | 705         | 713          | rBV      | 791015         | 1247585       | 20.26%          | 1.597%        |
| 26        | 7.198       | 713           | 716         | 722          | rVV      | 23422          | 36433         | 0.59%           | 0.047%        |
| 27        | 7.334       | 732           | 739         | 749          | rBV      | 957505         | 1492836       | 24.25%          | 1.910%        |
| 28        | 7.451       | 754           | 759         | 765          | rVB      | 68376          | 107952        | 1.75%           | 0.138%        |
| 29        | 7.798       | 812           | 818         | 826          | rBV      | 1096472        | 1777980       | 28.88%          | 2.275%        |
| 30        | 7.869       | 826           | 830         | 835          | rVV      | 74305          | 115859        | 1.88%           | 0.148%        |
| 31        | 7.916       | 835           | 838         | 844          | rVB      | 33350          | 52161         | 0.85%           | 0.067%        |
| 32        | 8.157       | 874           | 879         | 888          | rVB2     | 31448          | 70219         | 1.14%           | 0.090%        |
| 33        | 8.504       | 932           | 938         | 946          | rBV      | 862472         | 1347251       | 21.88%          | 1.724%        |
| 34        | 8.622       | 952           | 958         | 967          | rVB      | 43023          | 89622         | 1.46%           | 0.115%        |

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 Max Peaks: 100  
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 Peak separation: 5

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 8.951  | 1008 | 1014 | 1027 | rVV  | 1008448 | 1696751 | 27.56% | 2.171% |
| 36 | 9.081  | 1031 | 1036 | 1041 | rBV  | 37436   | 57583   | 0.94%  | 0.074% |
| 37 | 9.404  | 1079 | 1091 | 1092 | rBV  | 19927   | 33457   | 0.54%  | 0.043% |
| 38 | 9.428  | 1092 | 1095 | 1100 | rVV  | 45286   | 67312   | 1.09%  | 0.086% |
| 39 | 9.486  | 1100 | 1105 | 1113 | rVB  | 76468   | 120527  | 1.96%  | 0.154% |
| 40 | 9.675  | 1129 | 1137 | 1144 | rBV  | 892559  | 1439241 | 23.38% | 1.842% |
| 41 | 9.798  | 1151 | 1158 | 1162 | rVV6 | 10576   | 28282   | 0.46%  | 0.036% |
| 42 | 9.998  | 1187 | 1192 | 1199 | rVV3 | 32712   | 62335   | 1.01%  | 0.080% |
| 43 | 10.210 | 1218 | 1228 | 1238 | rBV  | 1371793 | 2297772 | 37.32% | 2.941% |
| 44 | 10.480 | 1266 | 1274 | 1278 | rBV6 | 15115   | 39707   | 0.64%  | 0.051% |
| 45 | 10.592 | 1283 | 1293 | 1299 | rVV  | 1699594 | 2832458 | 46.01% | 3.625% |
| 46 | 10.639 | 1299 | 1301 | 1309 | rVV  | 106114  | 171166  | 2.78%  | 0.219% |
| 47 | 10.722 | 1309 | 1315 | 1326 | rVV  | 1084633 | 1861094 | 30.23% | 2.382% |
| 48 | 10.810 | 1326 | 1330 | 1336 | rVB2 | 16138   | 27015   | 0.44%  | 0.035% |
| 49 | 11.245 | 1396 | 1404 | 1410 | rVB4 | 15104   | 33235   | 0.54%  | 0.043% |
| 50 | 11.380 | 1419 | 1427 | 1432 | rBV4 | 16054   | 30289   | 0.49%  | 0.039% |
| 51 | 11.922 | 1512 | 1519 | 1526 | rVB  | 21238   | 34885   | 0.57%  | 0.045% |
| 52 | 12.180 | 1560 | 1563 | 1567 | rVV  | 22446   | 30396   | 0.49%  | 0.039% |
| 53 | 12.251 | 1569 | 1575 | 1581 | rVB  | 51870   | 84827   | 1.38%  | 0.109% |
| 54 | 12.474 | 1600 | 1613 | 1618 | rBV  | 102656  | 178706  | 2.90%  | 0.229% |
| 55 | 13.369 | 1754 | 1765 | 1770 | rBV4 | 14848   | 42826   | 0.70%  | 0.055% |
| 56 | 13.492 | 1782 | 1786 | 1792 | rVB2 | 27132   | 39431   | 0.64%  | 0.050% |
| 57 | 13.610 | 1797 | 1806 | 1813 | rBV6 | 17924   | 43861   | 0.71%  | 0.056% |
| 58 | 13.757 | 1826 | 1831 | 1836 | rVB  | 22300   | 36720   | 0.60%  | 0.047% |
| 59 | 13.845 | 1836 | 1846 | 1851 | rVV  | 2611343 | 3637631 | 59.09% | 4.655% |
| 60 | 13.892 | 1851 | 1854 | 1861 | rVB  | 374245  | 481529  | 7.82%  | 0.616% |
| 61 | 13.992 | 1866 | 1871 | 1874 | rBV2 | 31822   | 52909   | 0.86%  | 0.068% |
| 62 | 14.027 | 1874 | 1877 | 1882 | rVB  | 27402   | 36628   | 0.59%  | 0.047% |
| 63 | 14.127 | 1887 | 1894 | 1907 | rVB  | 2914040 | 4324924 | 70.25% | 5.535% |
| 64 | 14.345 | 1927 | 1931 | 1936 | rVB4 | 22213   | 36413   | 0.59%  | 0.047% |
| 65 | 14.439 | 1937 | 1947 | 1954 | rBV  | 2707316 | 4067905 | 66.07% | 5.206% |
| 66 | 14.498 | 1954 | 1957 | 1965 | rVB  | 117890  | 182451  | 2.96%  | 0.233% |
| 67 | 14.627 | 1973 | 1979 | 1993 | rBV  | 313066  | 532998  | 8.66%  | 0.682% |
| 68 | 14.851 | 2010 | 2017 | 2022 | rVB4 | 47874   | 98069   | 1.59%  | 0.126% |
| 69 | 14.910 | 2022 | 2027 | 2031 | rVB5 | 18000   | 27479   | 0.45%  | 0.035% |
| 70 | 15.057 | 2045 | 2052 | 2057 | rBV3 | 26320   | 49237   | 0.80%  | 0.063% |
| 71 | 15.204 | 2069 | 2077 | 2082 | rBV  | 146792  | 250631  | 4.07%  | 0.321% |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 15.427 | 2106 | 2115 | 2121 | rBV  | 3739172 | 5349115 | 86.88%  | 6.845% |
| 73  | 15.480 | 2121 | 2124 | 2128 | rVV2 | 50457   | 65537   | 1.06%   | 0.084% |
| 74  | 15.539 | 2128 | 2134 | 2142 | rVV  | 1218717 | 1697899 | 27.58%  | 2.173% |
| 75  | 15.610 | 2142 | 2146 | 2149 | rVV2 | 47251   | 74451   | 1.21%   | 0.095% |
| 76  | 15.662 | 2149 | 2155 | 2165 | rVB6 | 51425   | 122967  | 2.00%   | 0.157% |
| 77  | 16.157 | 2234 | 2239 | 2244 | rVV8 | 21235   | 31730   | 0.52%   | 0.041% |
| 78  | 16.480 | 2287 | 2294 | 2299 | rVB5 | 29784   | 65931   | 1.07%   | 0.084% |
| 79  | 16.533 | 2299 | 2303 | 2307 | rBV2 | 21244   | 32731   | 0.53%   | 0.042% |
| 80  | 16.992 | 2378 | 2381 | 2387 | rVB  | 22706   | 36204   | 0.59%   | 0.046% |
| 81  | 17.174 | 2406 | 2412 | 2418 | rBV2 | 3005114 | 4313551 | 70.06%  | 5.520% |
| 82  | 17.215 | 2418 | 2419 | 2422 | rVV  | 39601   | 33396   | 0.54%   | 0.043% |
| 83  | 17.274 | 2422 | 2429 | 2438 | rVV2 | 4150707 | 5825873 | 94.63%  | 7.456% |
| 84  | 17.374 | 2442 | 2446 | 2449 | rVV3 | 15011   | 27422   | 0.45%   | 0.035% |
| 85  | 17.409 | 2449 | 2452 | 2456 | rVB2 | 20652   | 27780   | 0.45%   | 0.036% |
| 86  | 17.539 | 2470 | 2474 | 2479 | rBV3 | 31600   | 56066   | 0.91%   | 0.072% |
| 87  | 18.074 | 2557 | 2565 | 2573 | rBV  | 559881  | 818634  | 13.30%  | 1.048% |
| 88  | 18.386 | 2614 | 2618 | 2627 | rVB4 | 33179   | 60134   | 0.98%   | 0.077% |
| 89  | 19.203 | 2752 | 2757 | 2760 | rBV  | 55058   | 84009   | 1.36%   | 0.108% |
| 90  | 19.356 | 2778 | 2783 | 2792 | rBV  | 191963  | 291725  | 4.74%   | 0.373% |
| 91  | 19.450 | 2796 | 2799 | 2805 | rVB  | 43265   | 60069   | 0.98%   | 0.077% |
| 92  | 19.568 | 2812 | 2819 | 2831 | rBV  | 4571482 | 6156601 | 100.00% | 7.879% |
| 93  | 21.068 | 3070 | 3074 | 3083 | rBV  | 623078  | 749345  | 12.17%  | 0.959% |
| 94  | 21.350 | 3117 | 3122 | 3130 | rBV  | 2632546 | 3473634 | 56.42%  | 4.445% |
| 95  | 21.515 | 3147 | 3150 | 3154 | rVB  | 66806   | 70879   | 1.15%   | 0.091% |
| 96  | 22.209 | 3265 | 3268 | 3272 | rVB  | 172289  | 194108  | 3.15%   | 0.248% |
| 97  | 22.421 | 3301 | 3304 | 3308 | rVB  | 122985  | 149214  | 2.42%   | 0.191% |
| 98  | 22.933 | 3388 | 3391 | 3396 | rVB  | 160620  | 220723  | 3.59%   | 0.282% |
| 99  | 23.474 | 3476 | 3483 | 3496 | rVB  | 2518989 | 4970216 | 80.73%  | 6.361% |
| 100 | 23.615 | 3501 | 3507 | 3517 | rVB  | 1731582 | 3248601 | 52.77%  | 4.157% |

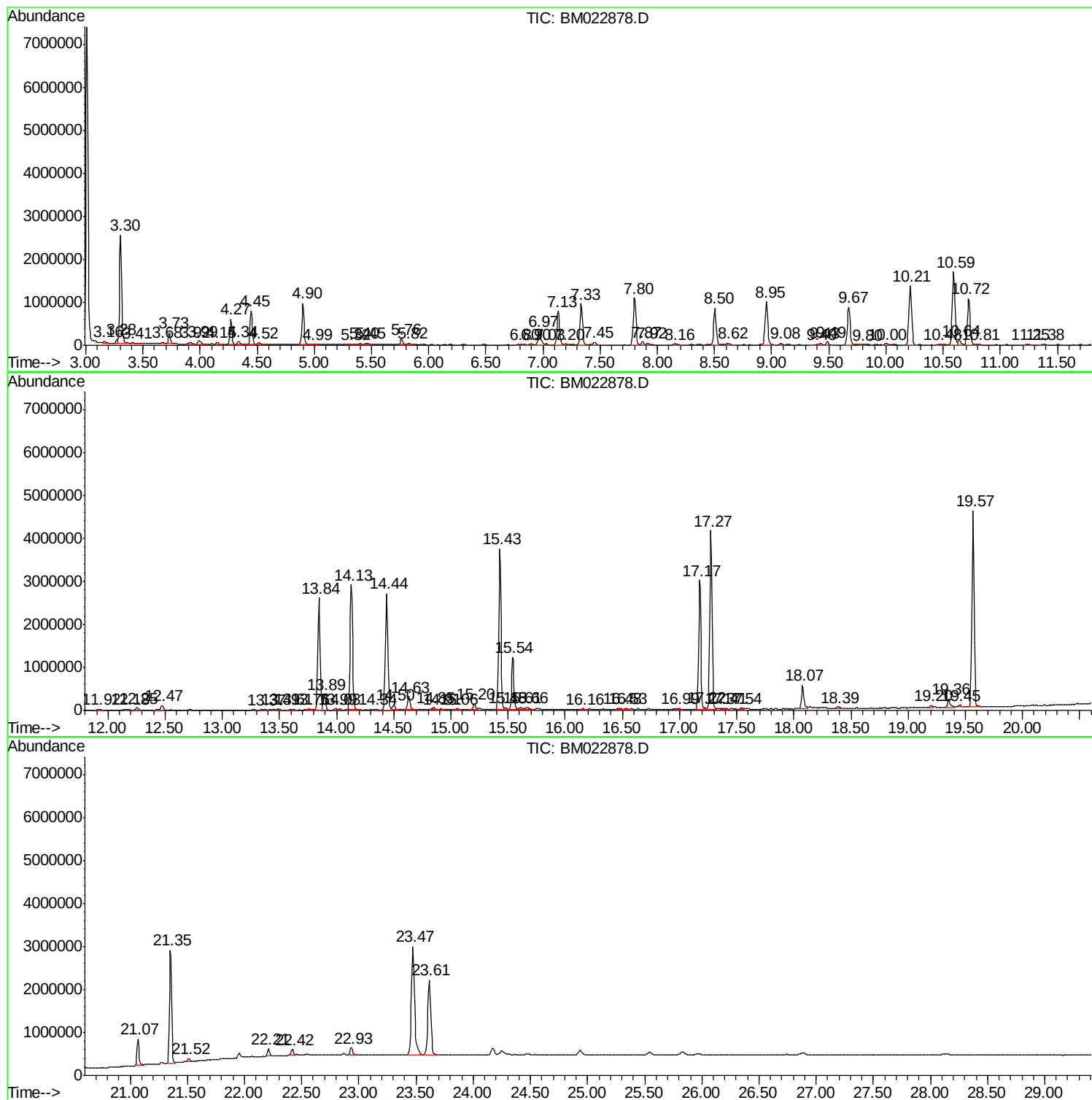
Sum of corrected areas: 78140870

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.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-BM092719MA.M  
Quant Title : SVOA CALIBRATION

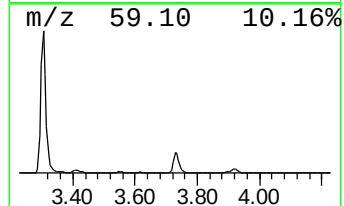
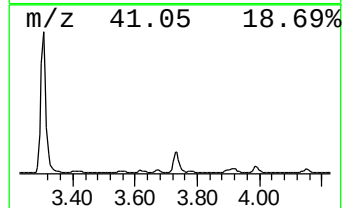
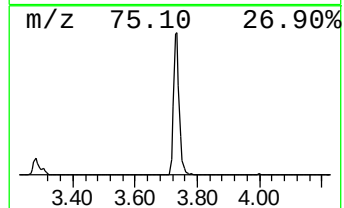
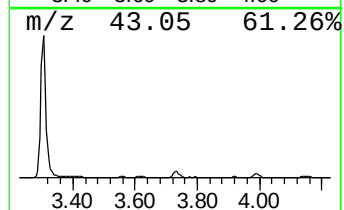
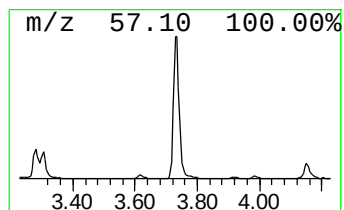
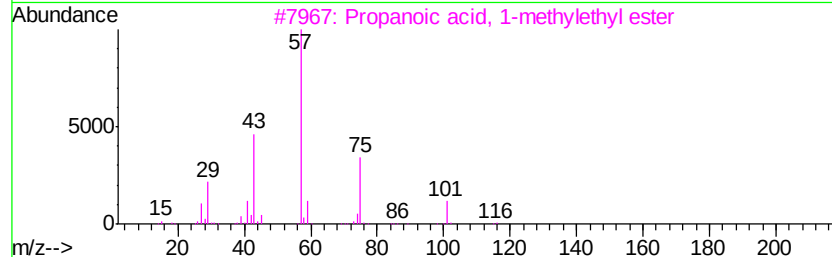
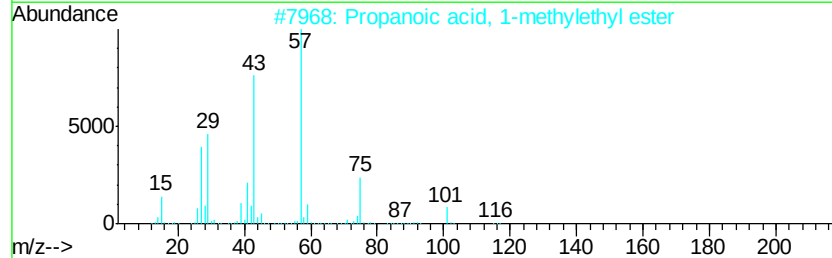
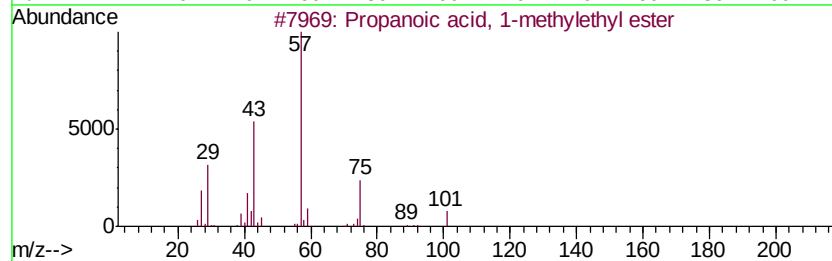
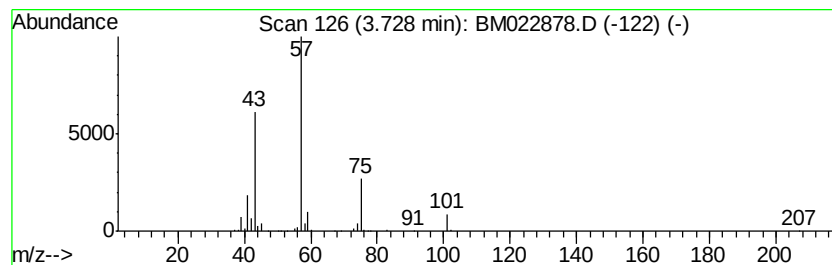
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 6

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 3.73 | 3.71 ng/ul | 329609 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 83   |
| 2    |    | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 74   |
| 3    |    | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 72   |
| 4    |    | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 45   |
| 5    |    | Propanoic acid, propyl ester        | 116 | C6H12O2 | 000106-36-5 | 42   |



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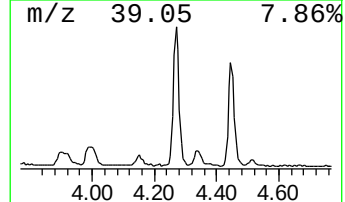
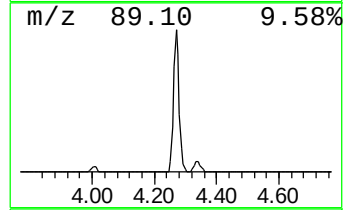
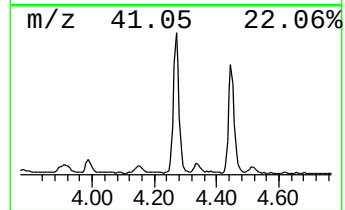
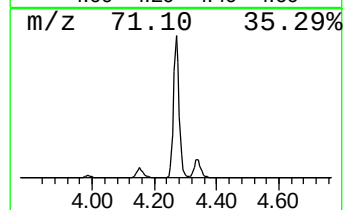
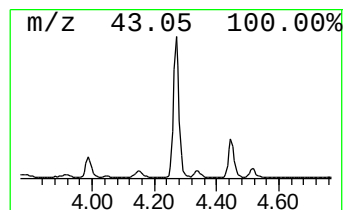
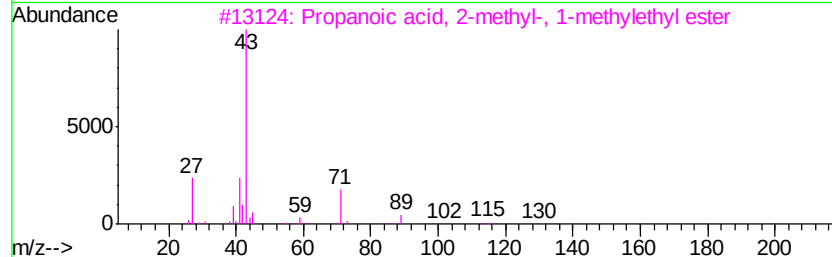
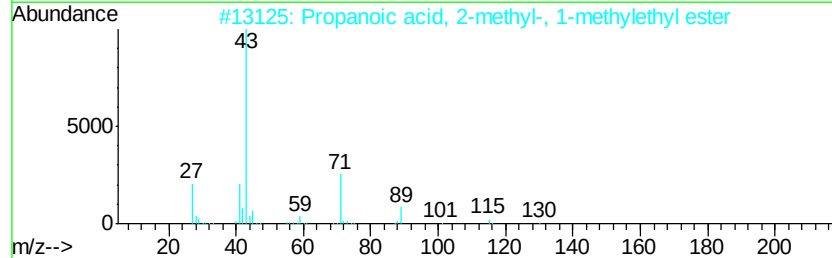
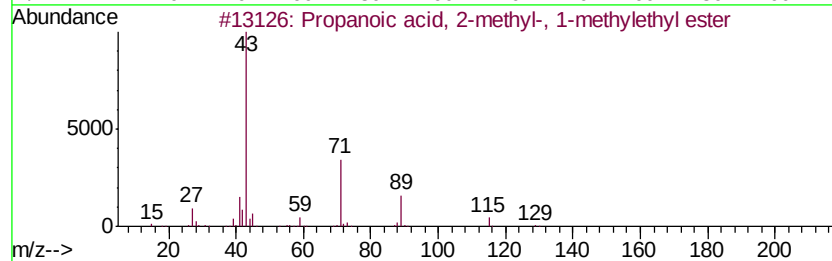
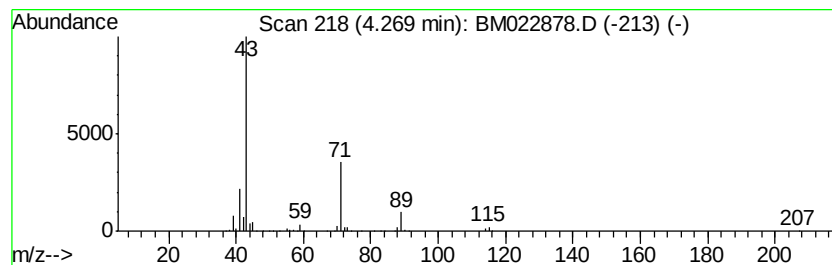
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 4.27 | 8.37 ng/ul | 744004 | 1,4-Dichlorobenzene-d4 | 7.80 |

| 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-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 64   |
| 3    |    | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 50   |
| 4    |    | Propanoic acid, 2-methyl-, 3-met... | 158 | C9H18O2 | 002050-01-3 | 42   |
| 5    |    | Propanoic acid, 2-methyl-, penty... | 158 | C9H18O2 | 002445-72-9 | 39   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM100119\  
Data File : BM022878.D  
Acq On : 02 Oct 2019 06:10  
Operator : JU  
Sample : K4932-11  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BFDJ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
Quant Title : SVOA CALIBRATION

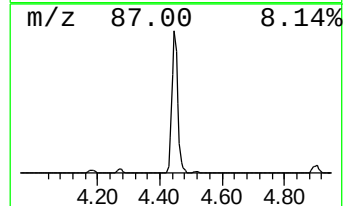
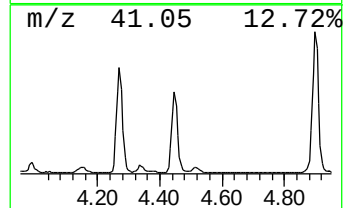
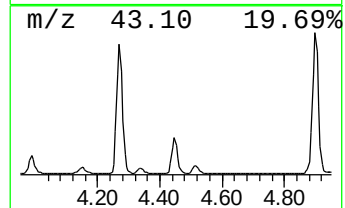
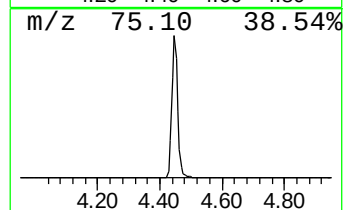
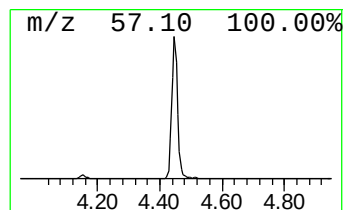
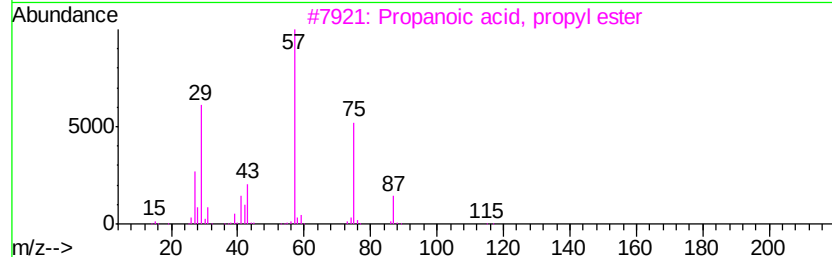
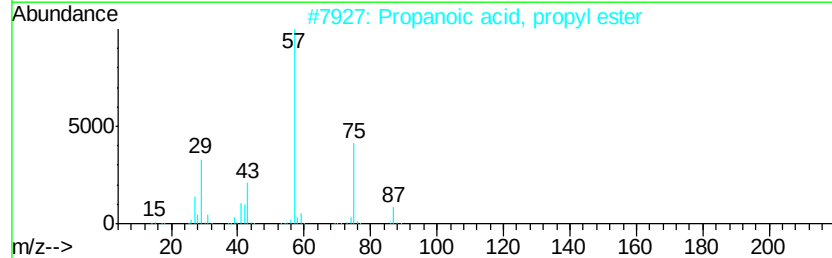
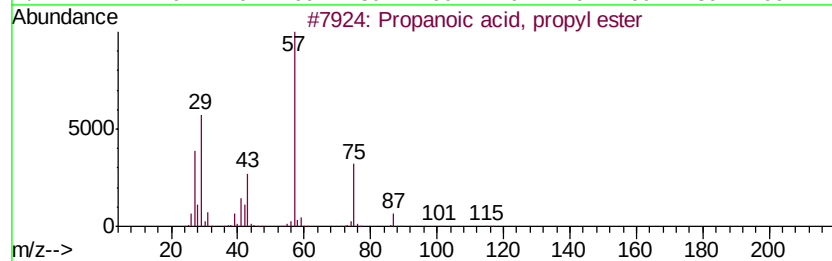
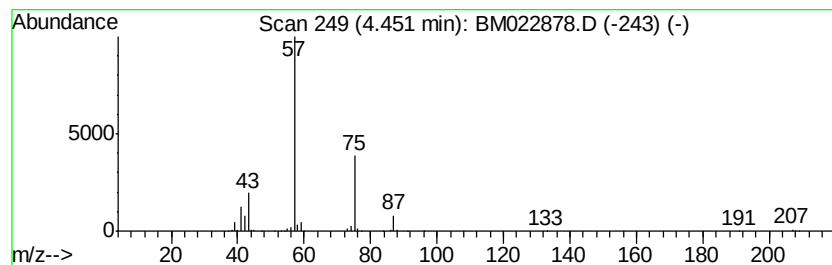
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Propanoic acid, propyl ester Concentration Rank 2

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 4.45 | 11.56 ng/ul | 1028080 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | 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 | 64   |
| 4    |    | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 59   |
| 5    |    | Propanoic acid, butyl ester  | 130 | C7H14O2 | 000590-01-2 | 38   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM100119\  
Data File : BM022878.D  
Acq On : 02 Oct 2019 06:10  
Operator : JU  
Sample : K4932-11  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
BFDJ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
Quant Title : SVOA CALIBRATION

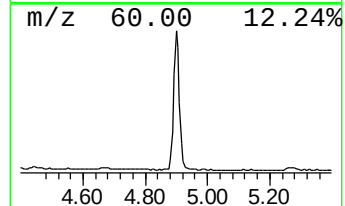
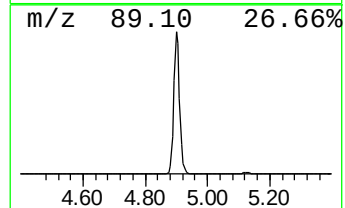
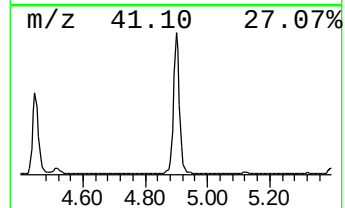
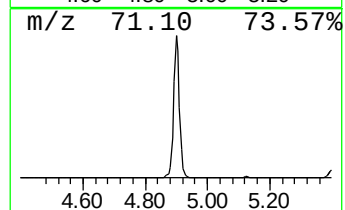
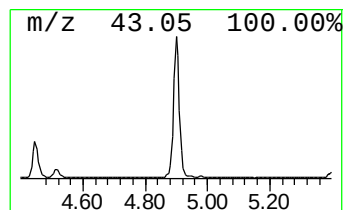
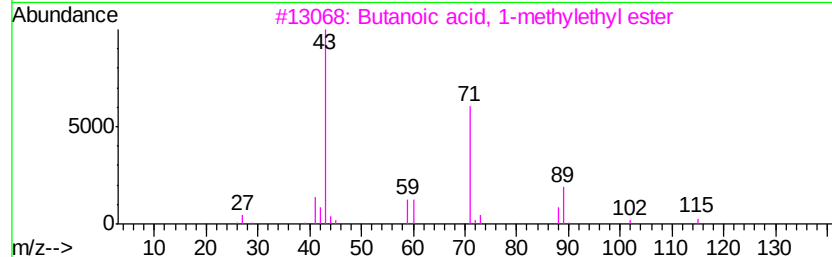
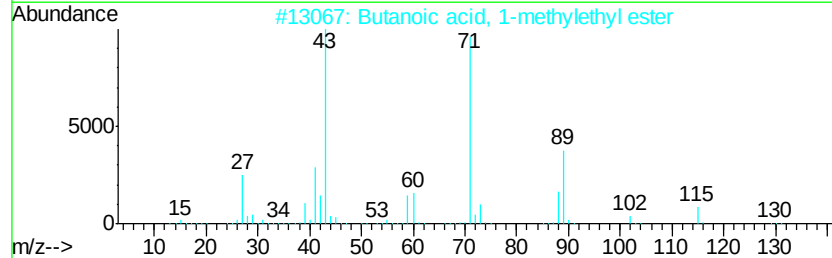
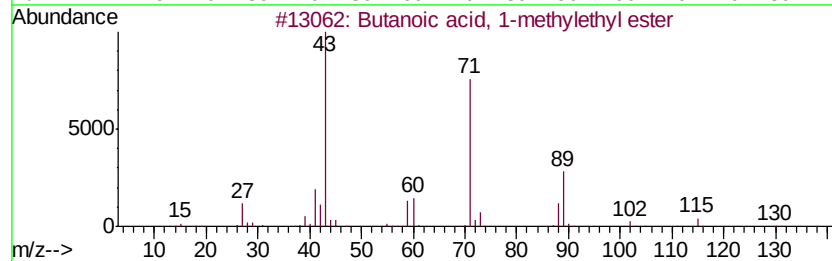
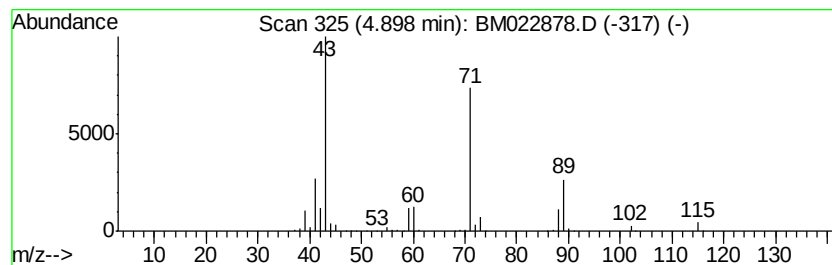
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 1

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 4.90 | 14.73 ng/ul | 1309490 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------------------|-----|---------|-------------|------|
| 1       |   | Butanoic acid, 1-methylethyl ester  | 130 | C7H14O2 | 000638-11-9 | 90   |
| 2       |   | Butanoic acid, 1-methylethyl ester  | 130 | C7H14O2 | 000638-11-9 | 90   |
| 3       |   | Butanoic acid, 1-methylethyl ester  | 130 | C7H14O2 | 000638-11-9 | 90   |
| 4       |   | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 78   |
| 5       |   | Butanoic acid, pentyl ester         | 158 | C9H18O2 | 000540-18-1 | 50   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM100119\  
Data File : BM022878.D  
Acq On : 02 Oct 2019 06:10  
Operator : JU  
Sample : K4932-11  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BFDJ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
Quant Title : SVOA CALIBRATION

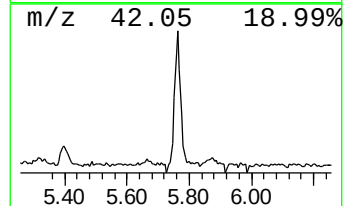
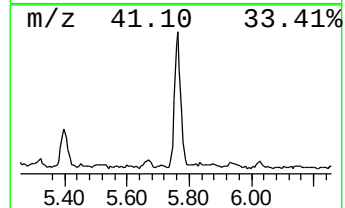
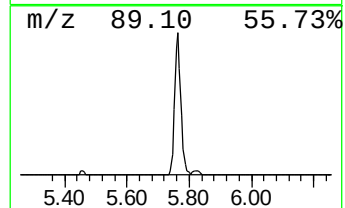
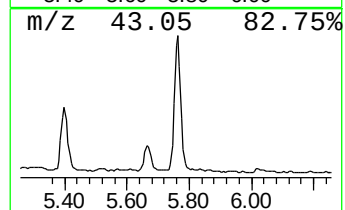
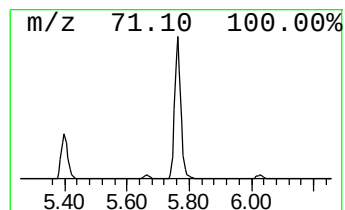
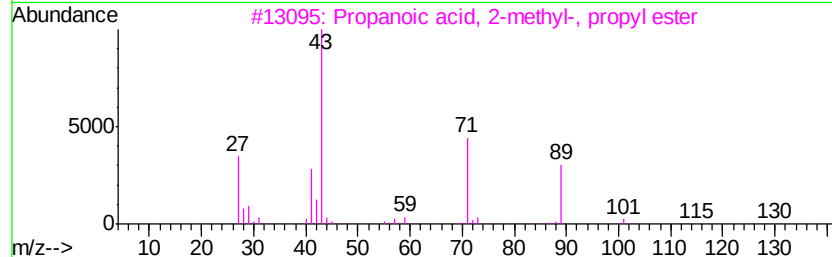
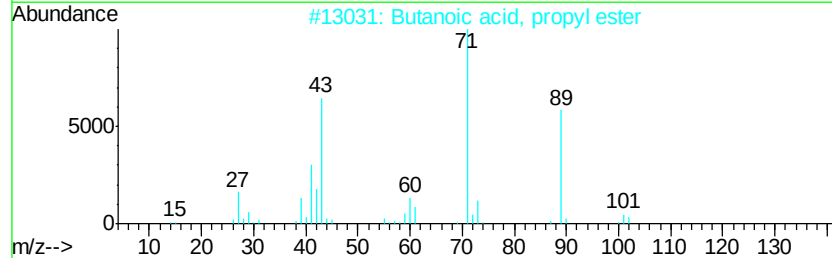
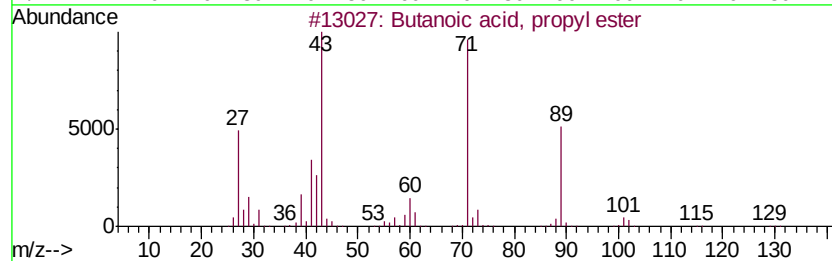
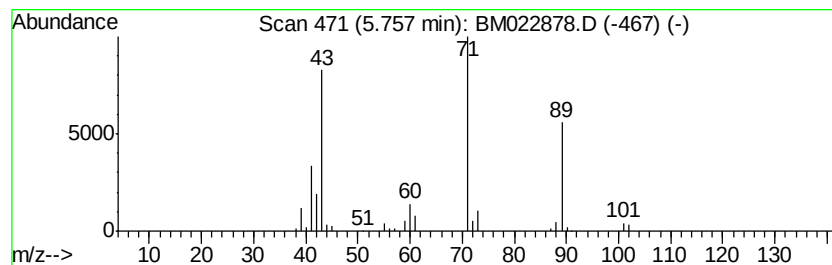
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Butanoic acid, propyl ester Concentration Rank 7

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 5.76 | 2.07 ng/ul | 184202 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Butanoic acid, propyl ester         | 130 | C7H14O2  | 000105-66-8 | 90   |
| 2    |    | Butanoic acid, propyl ester         | 130 | C7H14O2  | 000105-66-8 | 90   |
| 3    |    | Propanoic acid, 2-methyl-, propy... | 130 | C7H14O2  | 000644-49-5 | 78   |
| 4    |    | Butanoic acid, hexyl ester          | 172 | C10H20O2 | 002639-63-6 | 78   |
| 5    |    | Butanoic acid, hexyl ester          | 172 | C10H20O2 | 002639-63-6 | 78   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM100119\  
Data File : BM022878.D  
Acq On : 02 Oct 2019 06:10  
Operator : JU  
Sample : K4932-11  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BFDJ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
Quant Title : SVOA CALIBRATION

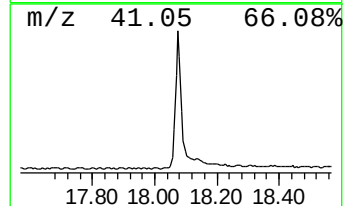
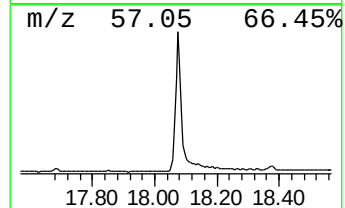
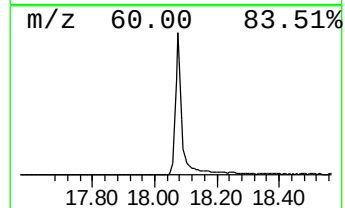
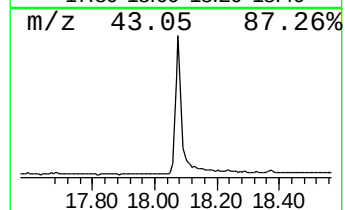
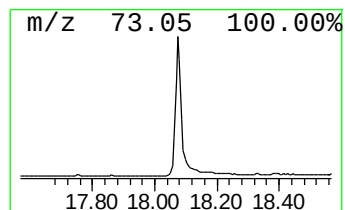
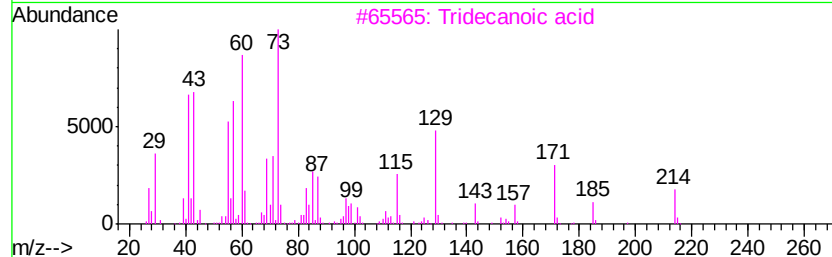
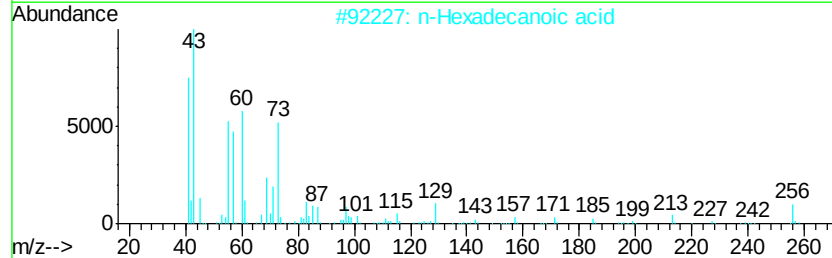
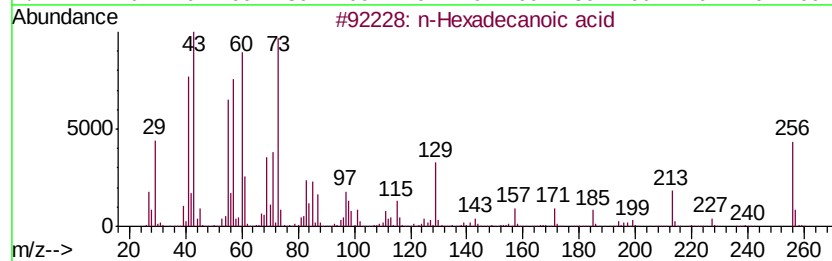
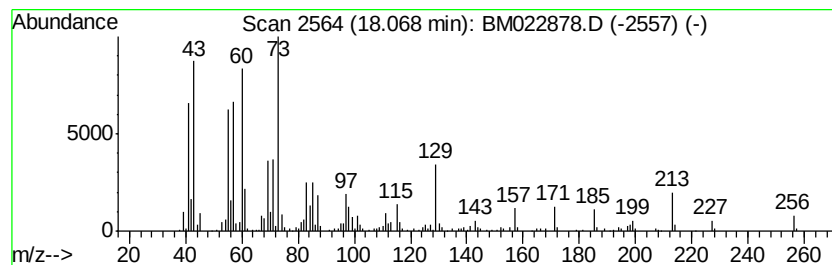
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.07 | 3.80 ng/ul | 818634 | Phenanthrene-d10 | 17.17 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 3    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |
| 4    |    | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 91   |
| 5    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM100119\  
Data File : BM022878.D  
Acq On : 02 Oct 2019 06:10  
Operator : JU  
Sample : K4932-11  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BFDJ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
Quant Title : SVOA CALIBRATION

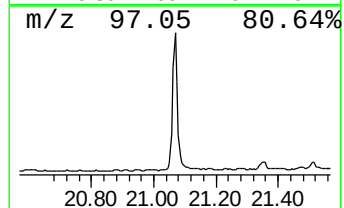
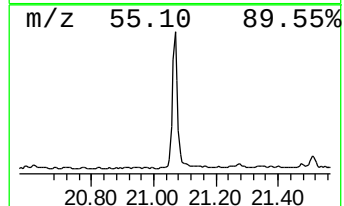
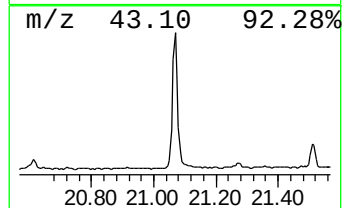
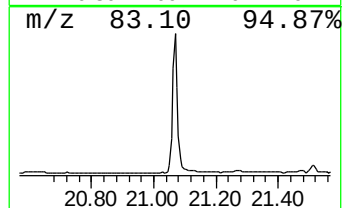
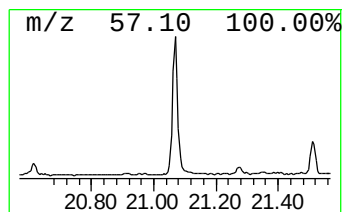
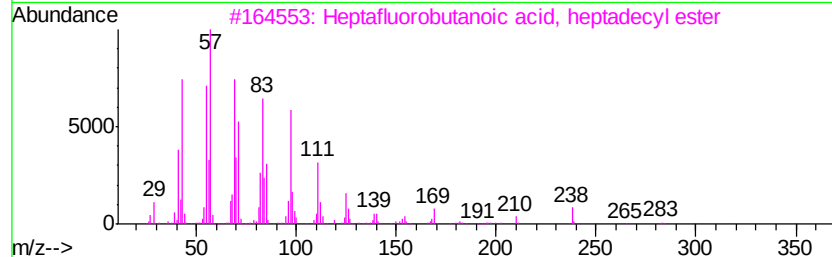
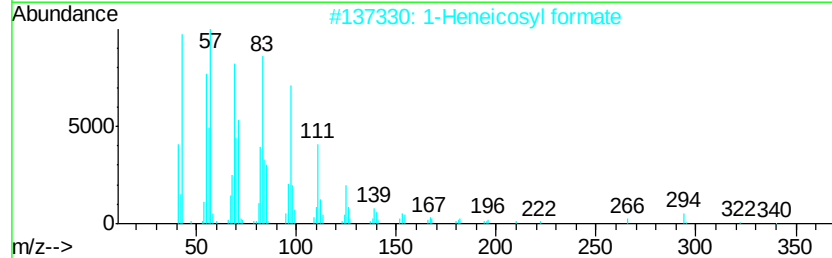
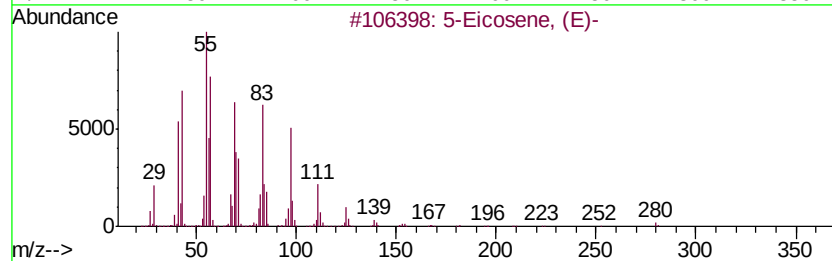
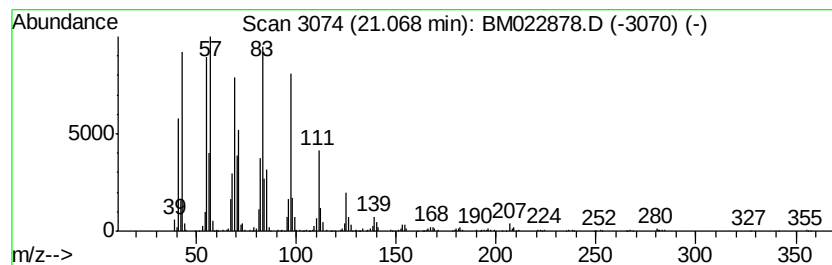
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Cyclic21.07 Concentration Rank 4

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 21.07 | 4.31 ng/ul | 749345 | Chrysene-d12     | 21.35 |

| Hit# | of | Tentative ID                               | MW  | MolForm    | CAS#         | Qual |
|------|----|--------------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 5-Eicosene, (E)-                           | 280 | C20H40     | 074685-30-6  | 99   |
| 2    |    | 1-Heneicosyl formate                       | 340 | C22H44O2   | 077899-03-7  | 94   |
| 3    |    | Heptafluorobutanoic acid, heptadecyl ester | 452 | C21H35F7O2 | 1000282-97-3 | 94   |
| 4    |    | 1-Nonadecanol                              | 284 | C19H40O    | 001454-84-8  | 93   |
| 5    |    | Trifluoroacetic acid, n-octadecyl ester    | 366 | C20H37F3O2 | 079392-43-1  | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM100119\  
Data File : BM022878.D  
Acq On : 02 Oct 2019 06:10  
Operator : JU  
Sample : K4932-11  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BFDJ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.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 |
| Propanoic acid, 1... | 3.73  | 3.7     | ng/ul | 329609   | 1                     | 7.80  | 1777980 | 20.0 |
| Propanoic acid, 2... | 4.27  | 8.4     | ng/ul | 744004   | 1                     | 7.80  | 1777980 | 20.0 |
| Propanoic acid, p... | 4.45  | 11.6    | ng/ul | 1028080  | 1                     | 7.80  | 1777980 | 20.0 |
| Butanoic acid, 1-... | 4.90  | 14.7    | ng/ul | 1309490  | 1                     | 7.80  | 1777980 | 20.0 |
| Butanoic acid, pr... | 5.76  | 2.1     | ng/ul | 184202   | 1                     | 7.80  | 1777980 | 20.0 |
| n-Hexadecanoic acid  | 18.07 | 3.8     | ng/ul | 818634   | 4                     | 17.17 | 4313550 | 20.0 |
| (DEL) Alkane: Cyc... | 21.07 | 4.3     | ng/ul | 749345   | 5                     | 21.35 | 3473630 | 20.0 |