

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100220\  
 Data File : BG046777.D  
 Acq On : 3 Oct 2020 18:31  
 Operator : CG/JU  
 Sample : L4150-16  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB7K2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: 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\_G\METHODS\SOM-EPA-BG092920MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG046777.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         | 3.532       | 28            | 33          | 39           | rVB3     | 13739          | 21294         | 0.91%           | 0.079%        |
| 2         | 4.178       | 140           | 143         | 145          | rBV3     | 4251           | 5719          | 0.24%           | 0.021%        |
| 3         | 4.284       | 158           | 161         | 166          | rVB4     | 6712           | 11131         | 0.47%           | 0.041%        |
| 4         | 4.496       | 194           | 197         | 203          | rBV5     | 4325           | 8258          | 0.35%           | 0.031%        |
| 5         | 4.642       | 218           | 222         | 229          | rVB5     | 10649          | 16907         | 0.72%           | 0.063%        |
| 6         | 5.588       | 378           | 383         | 391          | rVB4     | 16717          | 30159         | 1.29%           | 0.112%        |
| 7         | 6.152       | 476           | 479         | 484          | rVB4     | 6142           | 10466         | 0.45%           | 0.039%        |
| 8         | 6.969       | 613           | 618         | 620          | rBV4     | 4494           | 5794          | 0.25%           | 0.021%        |
| 9         | 7.051       | 629           | 632         | 636          | rBV5     | 3387           | 5767          | 0.25%           | 0.021%        |
| 10        | 7.198       | 652           | 657         | 660          | rBV4     | 13564          | 22956         | 0.98%           | 0.085%        |
| 11        | 7.251       | 660           | 666         | 676          | rVB      | 268483         | 467168        | 19.91%          | 1.728%        |
| 12        | 7.433       | 689           | 697         | 706          | rBV      | 201381         | 327603        | 13.96%          | 1.212%        |
| 13        | 7.639       | 725           | 732         | 740          | rBV      | 253913         | 437915        | 18.66%          | 1.620%        |
| 14        | 7.733       | 744           | 748         | 751          | rBV3     | 3592           | 5361          | 0.23%           | 0.020%        |
| 15        | 7.903       | 773           | 777         | 781          | rVB3     | 3064           | 5215          | 0.22%           | 0.019%        |
| 16        | 8.109       | 805           | 812         | 819          | rBV      | 308857         | 512759        | 21.85%          | 1.897%        |
| 17        | 8.162       | 819           | 821         | 826          | rVB4     | 4409           | 6814          | 0.29%           | 0.025%        |
| 18        | 8.702       | 908           | 913         | 918          | rBV5     | 6332           | 11310         | 0.48%           | 0.042%        |
| 19        | 8.802       | 920           | 930         | 940          | rBV      | 325101         | 571578        | 24.35%          | 2.114%        |
| 20        | 8.932       | 946           | 952         | 960          | rVB2     | 18355          | 35090         | 1.50%           | 0.130%        |
| 21        | 9.266       | 1002          | 1009        | 1020         | rBV      | 255057         | 457613        | 19.50%          | 1.693%        |
| 22        | 9.431       | 1032          | 1037        | 1041         | rBV3     | 16466          | 22655         | 0.97%           | 0.084%        |
| 23        | 9.701       | 1080          | 1083        | 1087         | rVB3     | 4300           | 5174          | 0.22%           | 0.019%        |
| 24        | 9.995       | 1122          | 1133        | 1143         | rVV      | 225469         | 408616        | 17.41%          | 1.511%        |
| 25        | 10.318      | 1183          | 1188        | 1191         | rBV5     | 7045           | 10831         | 0.46%           | 0.040%        |
| 26        | 10.424      | 1200          | 1206        | 1215         | rBV3     | 32000          | 59355         | 2.53%           | 0.220%        |
| 27        | 10.530      | 1217          | 1224        | 1234         | rVB      | 328139         | 604664        | 25.76%          | 2.236%        |
| 28        | 10.923      | 1283          | 1291        | 1298         | rBV      | 426815         | 741848        | 31.61%          | 2.744%        |
| 29        | 11.047      | 1302          | 1312        | 1323         | rBV      | 234144         | 427739        | 18.23%          | 1.582%        |
| 30        | 11.564      | 1396          | 1400        | 1402         | rBV3     | 4684           | 5972          | 0.25%           | 0.022%        |
| 31        | 11.687      | 1418          | 1421        | 1429         | rBV7     | 3869           | 8466          | 0.36%           | 0.031%        |
| 32        | 11.846      | 1442          | 1448        | 1454         | rBV5     | 8802           | 16609         | 0.71%           | 0.061%        |
| 33        | 11.940      | 1459          | 1464        | 1466         | rBV3     | 7962           | 10629         | 0.45%           | 0.039%        |
| 34        | 12.239      | 1511          | 1515        | 1519         | rBV5     | 6322           | 10700         | 0.46%           | 0.040%        |
| 35        | 12.463      | 1548          | 1553        | 1555         | rBV5     | 4435           | 7658          | 0.33%           | 0.028%        |
| 36        | 12.498      | 1555          | 1559        | 1565         | rVB3     | 7081           | 11577         | 0.49%           | 0.043%        |

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 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CB7K2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 12.633 | 1578 | 1582 | 1589 | rBV5 | 5316   | 10654   | 0.45%  | 0.039% |
| 38 | 13.062 | 1650 | 1655 | 1657 | rBV3 | 4140   | 4466    | 0.19%  | 0.017% |
| 39 | 13.097 | 1657 | 1661 | 1665 | rVB3 | 5473   | 7881    | 0.34%  | 0.029% |
| 40 | 13.185 | 1671 | 1676 | 1680 | rBV6 | 9096   | 12955   | 0.55%  | 0.048% |
| 41 | 13.244 | 1680 | 1686 | 1689 | rBV5 | 2641   | 5305    | 0.23%  | 0.020% |
| 42 | 13.344 | 1698 | 1703 | 1708 | rBV6 | 7413   | 13952   | 0.59%  | 0.052% |
| 43 | 13.597 | 1742 | 1746 | 1750 | rBV4 | 8029   | 11865   | 0.51%  | 0.044% |
| 44 | 13.685 | 1760 | 1761 | 1769 | rVB4 | 4341   | 6595    | 0.28%  | 0.024% |
| 45 | 14.131 | 1831 | 1837 | 1843 | rBV  | 676609 | 937937  | 39.96% | 3.469% |
| 46 | 14.178 | 1843 | 1845 | 1851 | rVB  | 18997  | 20472   | 0.87%  | 0.076% |
| 47 | 14.366 | 1874 | 1877 | 1881 | rBV5 | 8608   | 15521   | 0.66%  | 0.057% |
| 48 | 14.425 | 1881 | 1887 | 1896 | rVB  | 662184 | 1045017 | 44.53% | 3.865% |
| 49 | 14.590 | 1911 | 1915 | 1919 | rBV2 | 18024  | 23185   | 0.99%  | 0.086% |
| 50 | 14.625 | 1919 | 1921 | 1927 | rVB5 | 3983   | 5433    | 0.23%  | 0.020% |
| 51 | 14.731 | 1931 | 1939 | 1949 | rBV  | 699143 | 1113822 | 47.46% | 4.120% |
| 52 | 14.901 | 1960 | 1968 | 1979 | rBV  | 320457 | 503523  | 21.45% | 1.862% |
| 53 | 15.054 | 1992 | 1994 | 1996 | rBV  | 5074   | 5516    | 0.24%  | 0.020% |
| 54 | 15.130 | 2002 | 2007 | 2016 | rBV3 | 22124  | 34902   | 1.49%  | 0.129% |
| 55 | 15.389 | 2043 | 2051 | 2055 | rVV5 | 7229   | 12048   | 0.51%  | 0.045% |
| 56 | 15.524 | 2069 | 2074 | 2079 | rBV4 | 6999   | 13758   | 0.59%  | 0.051% |
| 57 | 15.724 | 2101 | 2108 | 2115 | rVB  | 908618 | 1342435 | 57.20% | 4.965% |
| 58 | 15.829 | 2119 | 2126 | 2134 | rBV  | 237112 | 364394  | 15.53% | 1.348% |
| 59 | 15.941 | 2143 | 2145 | 2146 | rVV2 | 6593   | 5757    | 0.25%  | 0.021% |
| 60 | 15.964 | 2146 | 2149 | 2153 | rVB3 | 13478  | 16371   | 0.70%  | 0.061% |
| 61 | 16.082 | 2164 | 2169 | 2173 | rBV4 | 3722   | 6885    | 0.29%  | 0.025% |
| 62 | 16.288 | 2200 | 2204 | 2209 | rVB6 | 18845  | 27413   | 1.17%  | 0.101% |
| 63 | 16.435 | 2226 | 2229 | 2234 | rVB5 | 9011   | 10360   | 0.44%  | 0.038% |
| 64 | 16.505 | 2239 | 2241 | 2244 | rVB3 | 5147   | 4560    | 0.19%  | 0.017% |
| 65 | 16.587 | 2250 | 2255 | 2258 | rBV3 | 7464   | 9518    | 0.41%  | 0.035% |
| 66 | 16.799 | 2286 | 2291 | 2294 | rVV4 | 10686  | 18194   | 0.78%  | 0.067% |
| 67 | 17.016 | 2325 | 2328 | 2330 | rVB3 | 5545   | 5335    | 0.23%  | 0.020% |
| 68 | 17.081 | 2337 | 2339 | 2342 | rBV3 | 4190   | 5761    | 0.25%  | 0.021% |
| 69 | 17.228 | 2362 | 2364 | 2367 | rVB3 | 5552   | 6495    | 0.28%  | 0.024% |
| 70 | 17.392 | 2390 | 2392 | 2395 | rVB2 | 7722   | 4183    | 0.18%  | 0.015% |
| 71 | 17.474 | 2400 | 2406 | 2412 | rBV  | 908595 | 1377504 | 58.69% | 5.095% |
| 72 | 17.574 | 2416 | 2423 | 2430 | rVB  | 941051 | 1460445 | 62.23% | 5.402% |
| 73 | 17.709 | 2443 | 2446 | 2450 | rVB6 | 3639   | 4748    | 0.20%  | 0.018% |
| 74 | 17.850 | 2465 | 2470 | 2473 | rBV4 | 11148  | 19280   | 0.82%  | 0.071% |
| 75 | 18.144 | 2517 | 2520 | 2523 | rVB4 | 7204   | 8576    | 0.37%  | 0.032% |
| 76 | 18.256 | 2537 | 2539 | 2544 | rBV5 | 3200   | 4751    | 0.20%  | 0.018% |

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Instrument :  
 BNA\_G  
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 CB7K2

Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF Filtering: 5  
 Sampling : 1 Min Area: 0.1 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 18.315 | 2547 | 2549 | 2551 | rVV2 | 6870    | 6184    | 0.26%   | 0.023% |
| 78  | 18.356 | 2551 | 2556 | 2562 | rVV2 | 57527   | 85327   | 3.64%   | 0.316% |
| 79  | 18.403 | 2562 | 2564 | 2565 | rVV2 | 7312    | 4781    | 0.20%   | 0.018% |
| 80  | 18.432 | 2565 | 2569 | 2573 | rVB2 | 11697   | 16245   | 0.69%   | 0.060% |
| 81  | 18.661 | 2604 | 2608 | 2610 | rBV3 | 7275    | 10288   | 0.44%   | 0.038% |
| 82  | 18.691 | 2611 | 2613 | 2616 | rVB3 | 8416    | 8841    | 0.38%   | 0.033% |
| 83  | 18.926 | 2651 | 2653 | 2656 | rVV4 | 7861    | 6655    | 0.28%   | 0.025% |
| 84  | 19.055 | 2674 | 2675 | 2678 | rBV3 | 5525    | 5564    | 0.24%   | 0.021% |
| 85  | 19.378 | 2725 | 2730 | 2733 | rBV4 | 18972   | 28410   | 1.21%   | 0.105% |
| 86  | 19.566 | 2758 | 2762 | 2767 | rVB6 | 23164   | 34513   | 1.47%   | 0.128% |
| 87  | 19.625 | 2769 | 2772 | 2777 | rVV7 | 27580   | 39142   | 1.67%   | 0.145% |
| 88  | 19.854 | 2805 | 2811 | 2821 | rVB  | 1171718 | 1715753 | 73.11%  | 6.346% |
| 89  | 20.348 | 2893 | 2895 | 2899 | rBV3 | 26513   | 35196   | 1.50%   | 0.130% |
| 90  | 21.388 | 3068 | 3072 | 3085 | rBV  | 325891  | 521672  | 22.23%  | 1.929% |
| 91  | 21.640 | 3112 | 3115 | 3121 | rVB  | 71019   | 93435   | 3.98%   | 0.346% |
| 92  | 21.752 | 3127 | 3134 | 3144 | rBV2 | 931072  | 1543552 | 65.77%  | 5.709% |
| 93  | 22.592 | 3270 | 3277 | 3289 | rBV2 | 356802  | 812470  | 34.62%  | 3.005% |
| 94  | 23.644 | 3450 | 3456 | 3464 | rVB2 | 422459  | 833388  | 35.51%  | 3.082% |
| 95  | 24.125 | 3531 | 3538 | 3541 | rBV  | 257683  | 584557  | 24.91%  | 2.162% |
| 96  | 24.172 | 3541 | 3546 | 3567 | rVB2 | 908415  | 2346937 | 100.00% | 8.681% |
| 97  | 24.801 | 3643 | 3653 | 3662 | rVB  | 550371  | 1491152 | 63.54%  | 5.515% |
| 98  | 25.024 | 3682 | 3691 | 3699 | rBV2 | 487355  | 1391806 | 59.30%  | 5.148% |
| 99  | 26.264 | 3893 | 3902 | 3914 | rVB2 | 379249  | 1142340 | 48.67%  | 4.225% |
| 100 | 26.382 | 3916 | 3922 | 3939 | rVB6 | 125600  | 441529  | 18.81%  | 1.633% |

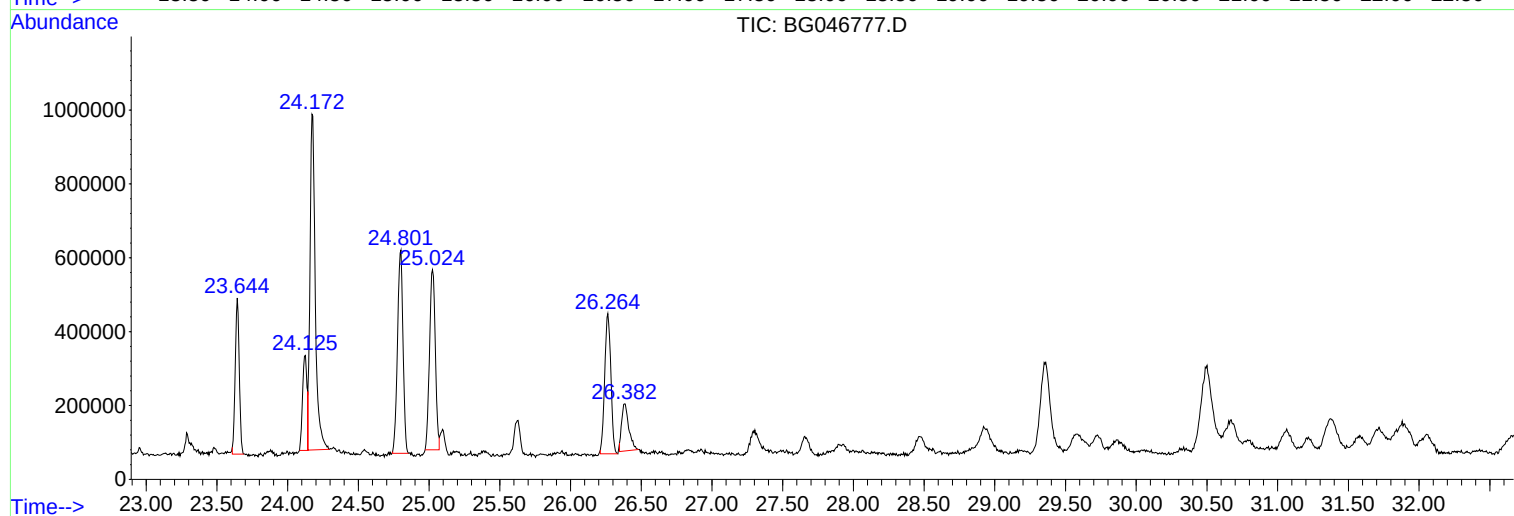
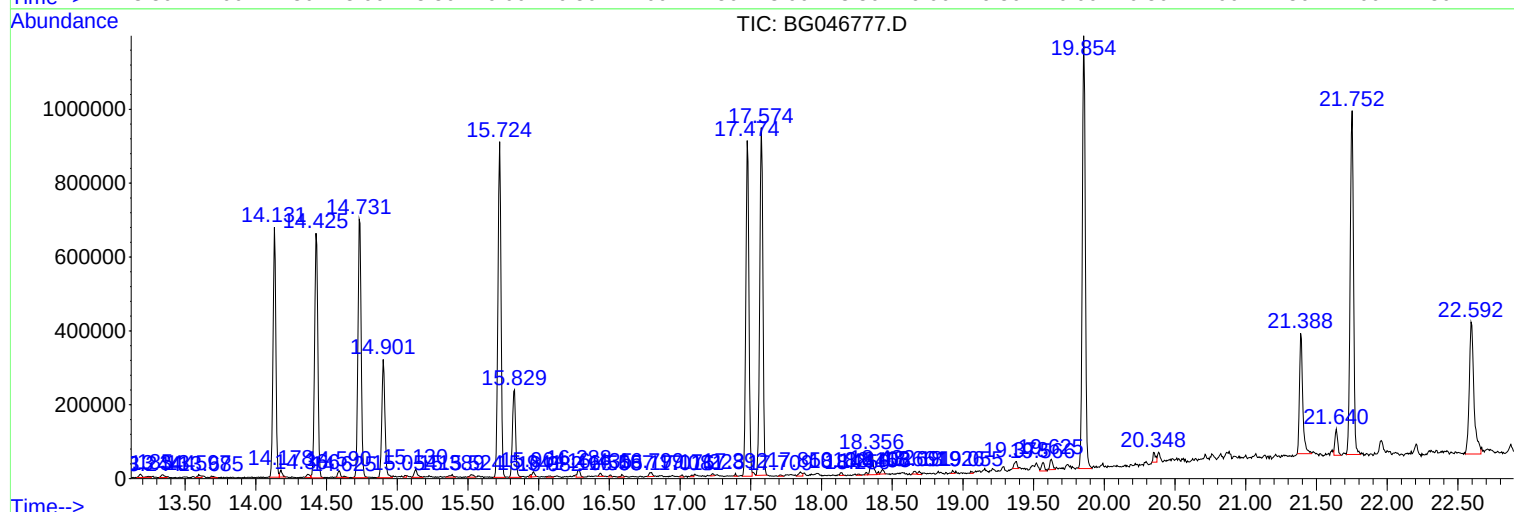
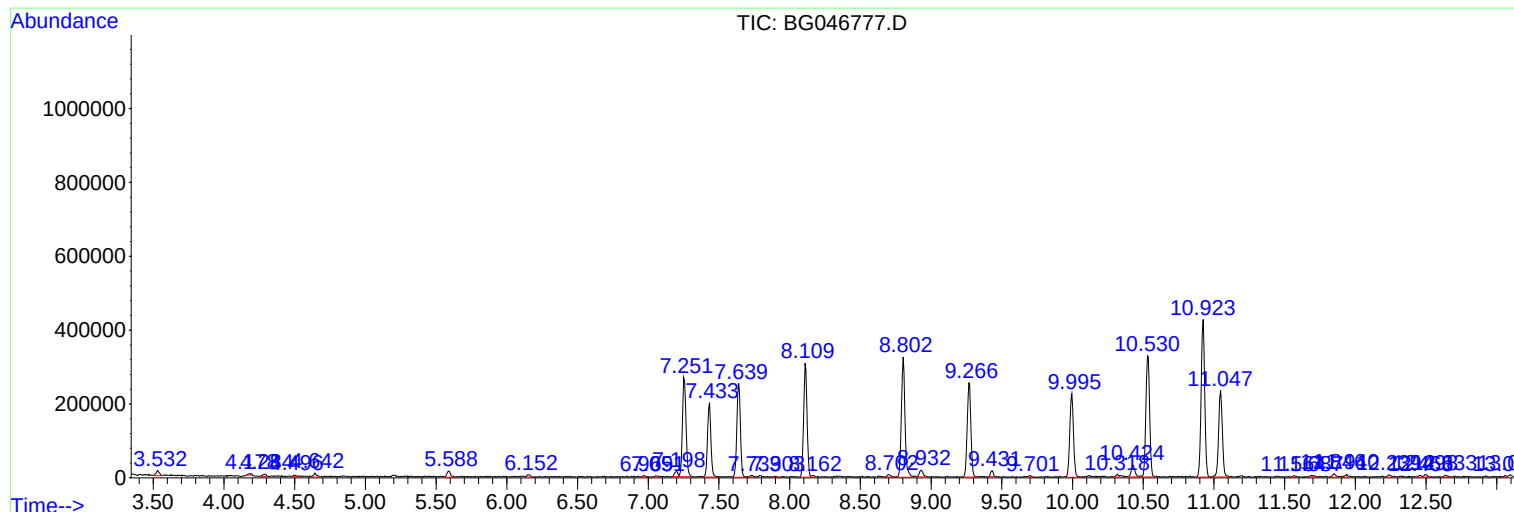
Sum of corrected areas: 27036879

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
Quant Title : SVOA CALIBRATION

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



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Acq On : 3 Oct 2020 18:31  
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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
Quant Title : SVOA CALIBRATION

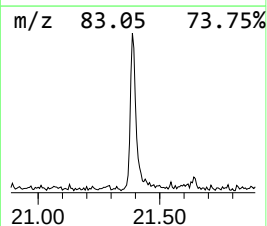
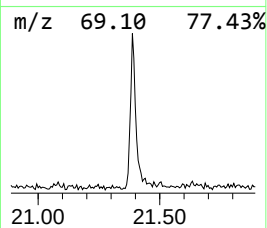
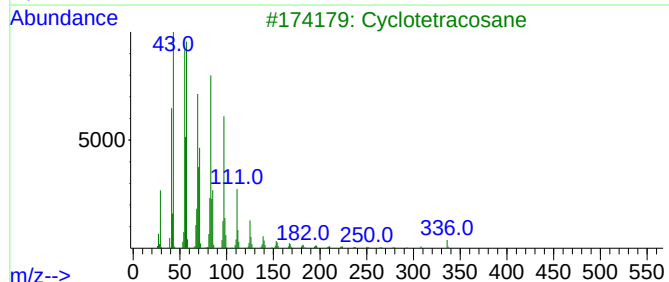
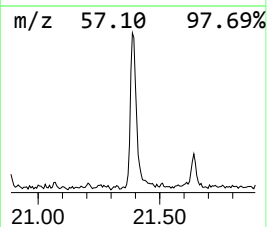
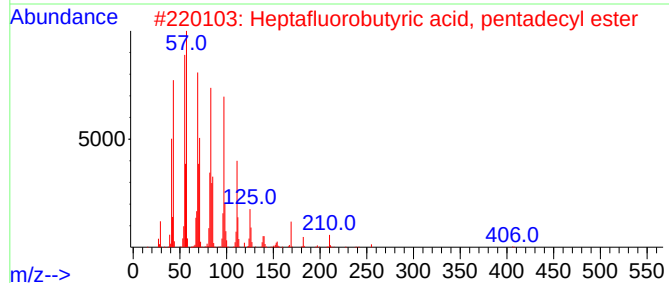
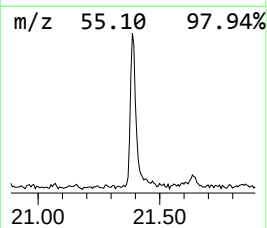
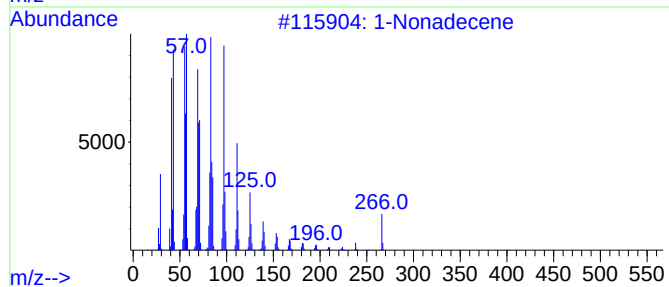
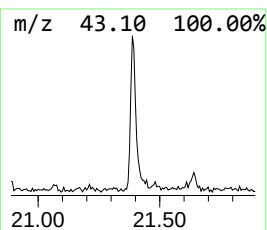
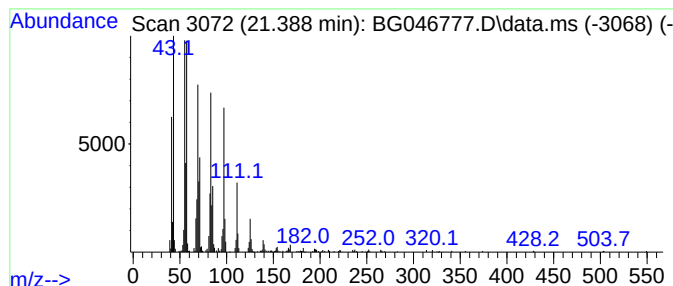
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.390 | 6.76 ng/ul | 521672 | Chrysene-d12     | 21.752 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm    | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|------------|-------------|------|
| 1    | 1-Nonadecene                        |   |              | 266 | C19H38     | 018435-45-5 | 94   |
| 2    | Heptafluorobutyric acid, pentade... |   |              | 424 | C19H31F7O2 | 959261-23-5 | 94   |
| 3    | Cyclotetracosane                    |   |              | 336 | C24H48     | 000297-03-0 | 93   |
| 4    | Heptafluorobutyric acid, n-tetra... |   |              | 410 | C18H29F7O2 | 007365-36-8 | 91   |
| 5    | Pentafluoropropionic acid, penta... |   |              | 374 | C18H31F5O2 | 959092-08-1 | 91   |



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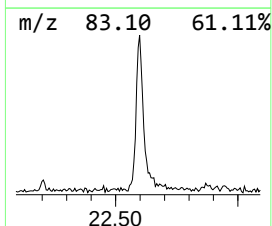
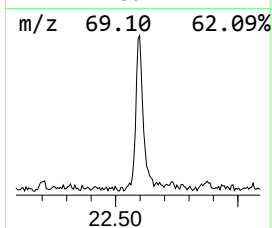
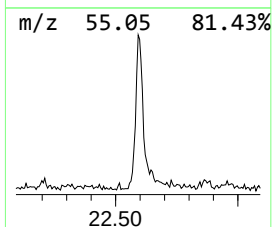
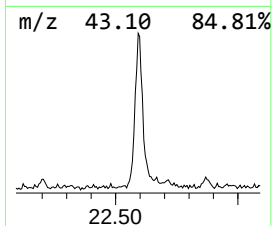
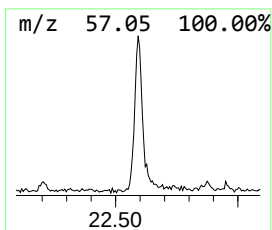
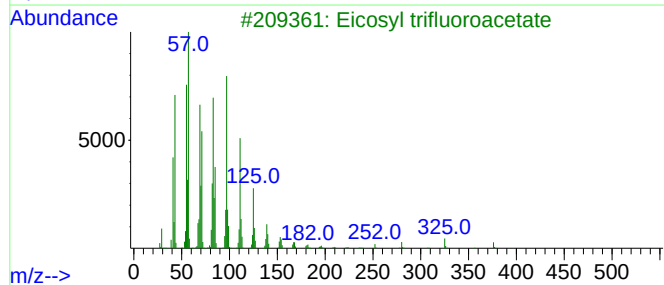
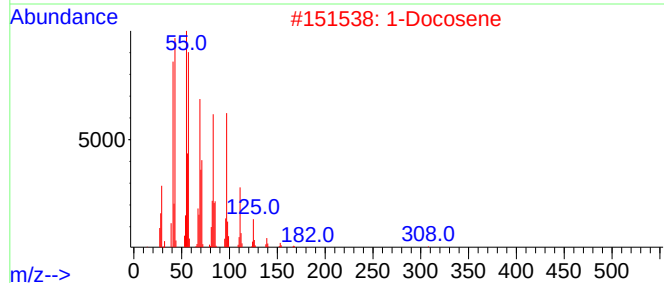
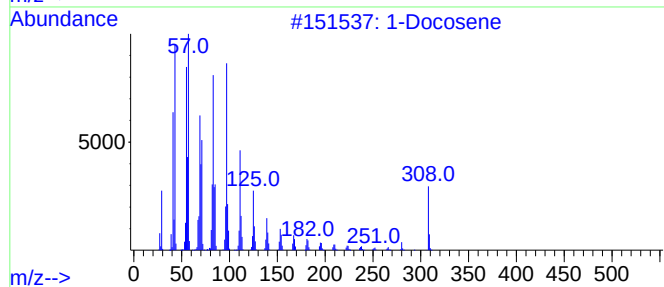
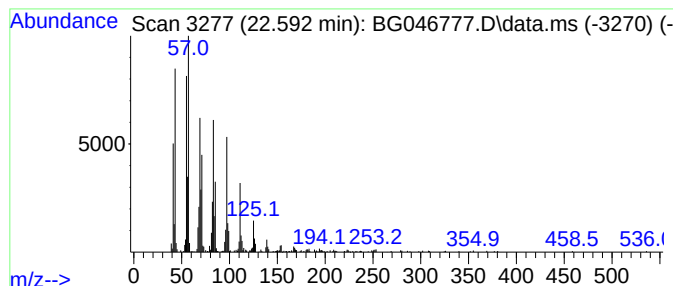
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 22.590 | 10.53 ng/ul | 812470 | Chrysene-d12     | 21.752 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|------------|--------------|------|
| 1    | 1-Docosene                          |   |              | 308 | C22H44     | 001599-67-3  | 97   |
| 2    | 1-Docosene                          |   |              | 308 | C22H44     | 001599-67-3  | 96   |
| 3    | Eicosyl trifluoroacetate            |   |              | 394 | C22H41F3O2 | 1000351-75-2 | 91   |
| 4    | Nonadecyl trifluoroacetate          |   |              | 380 | C21H39F3O2 | 1000351-76-3 | 91   |
| 5    | Pentafluoropropionic acid, octad... |   |              | 416 | C21H37F5O2 | 959261-25-7  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100220\  
Data File : BG046777.D  
Acq On : 3 Oct 2020 18:31  
Operator : CG/JU  
Sample : L4150-16  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CB7K2

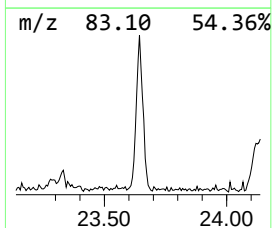
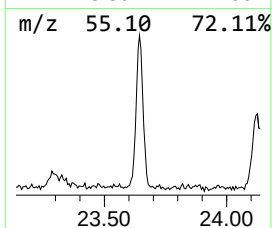
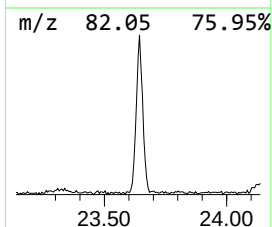
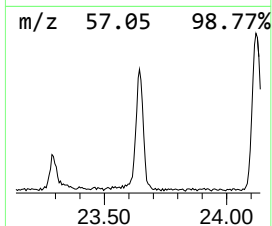
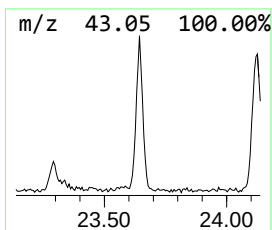
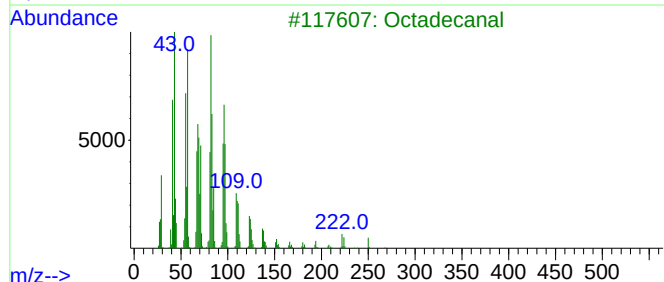
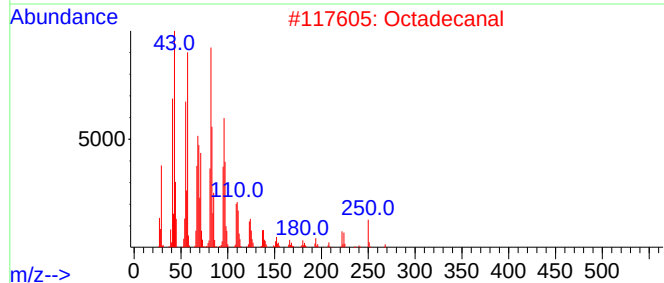
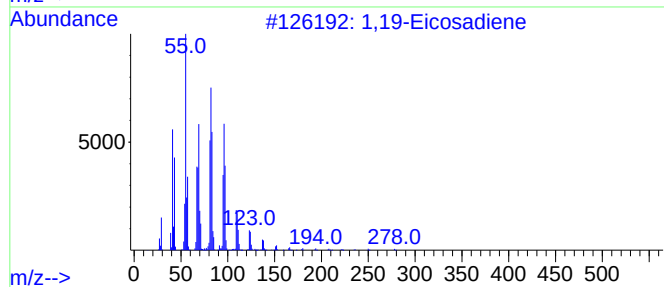
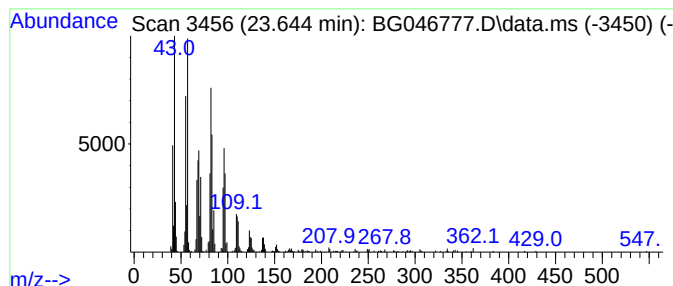
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 1,19-Eicosadiene Concentration Rank 3

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 23.640 | 11.98 ng/ul | 833388 | Perylene-d12     | 25.024 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | 1,19-Eicosadiene    | 278 | C20H38  | 014811-95-1 | 95   |
| 2    |    |   | Octadecanal         | 268 | C18H36O | 000638-66-4 | 93   |
| 3    |    |   | Octadecanal         | 268 | C18H36O | 000638-66-4 | 91   |
| 4    |    |   | Hexadecanal         | 240 | C16H32O | 000629-80-1 | 91   |
| 5    |    |   | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100220\  
Data File : BG046777.D  
Acq On : 3 Oct 2020 18:31  
Operator : CG/JU  
Sample : L4150-16  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CB7K2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
Quant Title : SVOA CALIBRATION

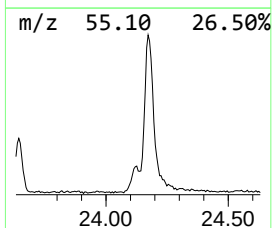
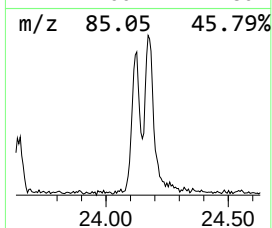
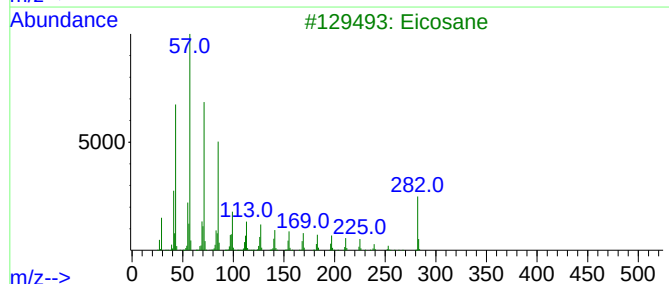
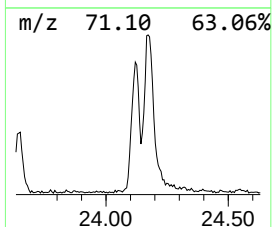
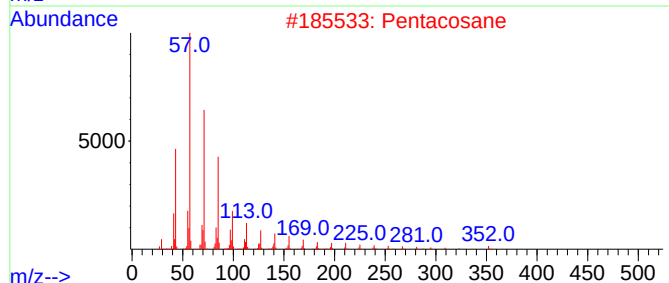
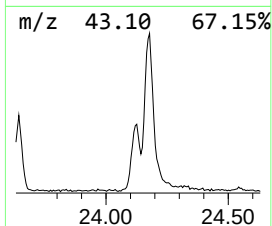
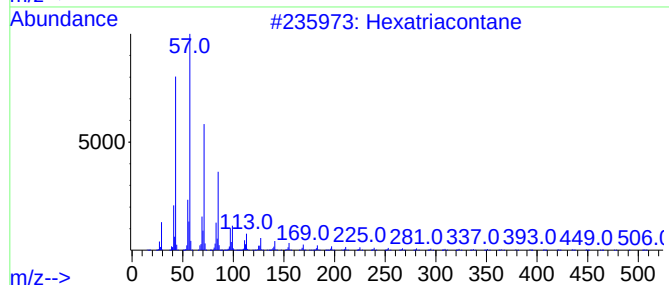
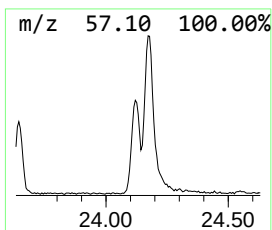
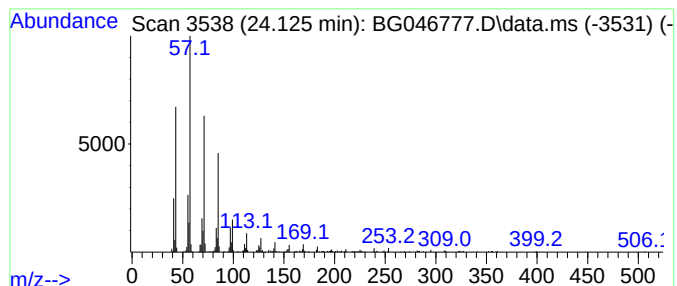
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 24.130 | 8.40 ng/ul | 584557 | Perylene-d12     | 25.024 |

| Hit# | of | 5 | Tentative ID    | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------|-----|---------|-------------|------|
| 1    |    |   | Hexatriacontane | 507 | C36H74  | 000630-06-8 | 98   |
| 2    |    |   | Pentacosane     | 352 | C25H52  | 000629-99-2 | 97   |
| 3    |    |   | Eicosane        | 282 | C20H42  | 000112-95-8 | 94   |
| 4    |    |   | Tricosane       | 324 | C23H48  | 000638-67-5 | 94   |
| 5    |    |   | Tricosane       | 324 | C23H48  | 000638-67-5 | 94   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100220\  
Data File : BG046777.D  
Acq On : 3 Oct 2020 18:31  
Operator : CG/JU  
Sample : L4150-16  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

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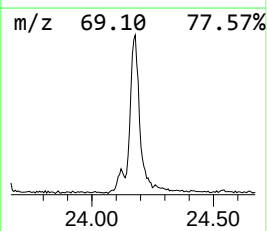
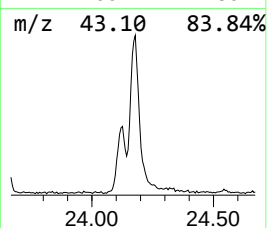
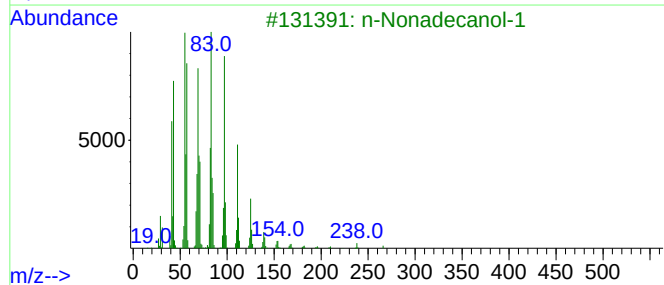
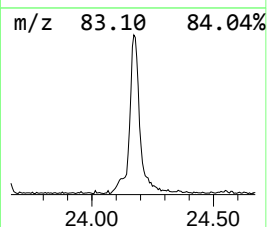
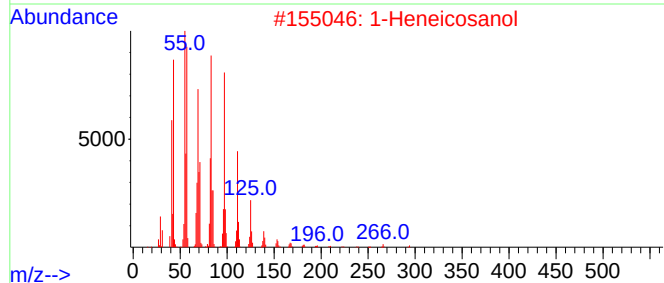
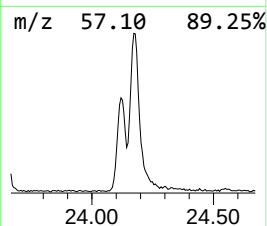
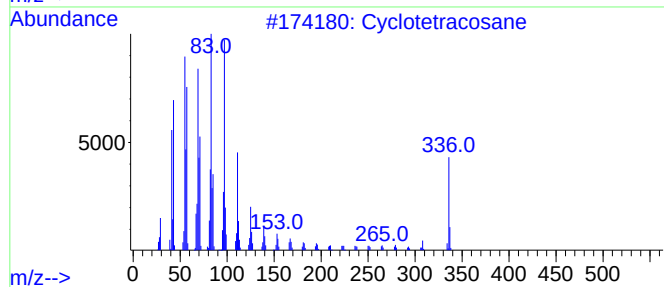
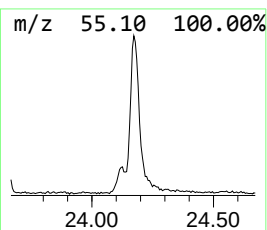
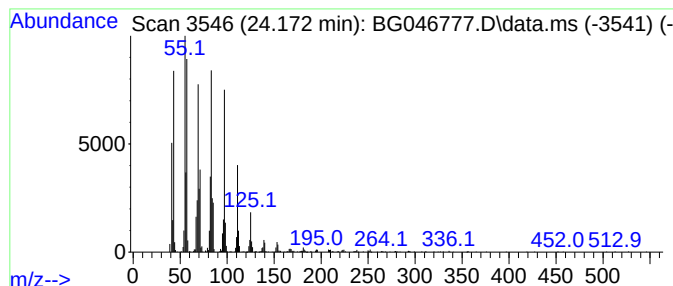
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 (DEL) Alkane: Cyclic24.17 Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 24.170 | 33.73 ng/ul | 2346940 | Perylene-d12     | 25.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Cyclotetracosane                    | 336 | C24H48      | 000297-03-0 | 97   |
| 2    |    |   | 1-Heneicosanol                      | 312 | C21H44O     | 015594-90-8 | 95   |
| 3    |    |   | n-Nonadecanol-1                     | 284 | C19H40O     | 001454-84-8 | 94   |
| 4    |    |   | 1-Heptacosanol                      | 396 | C27H56O     | 002004-39-9 | 91   |
| 5    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100220\  
Data File : BG046777.D  
Acq On : 3 Oct 2020 18:31  
Operator : CG/JU  
Sample : L4150-16  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CB7K2

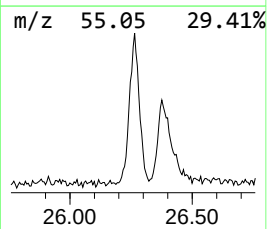
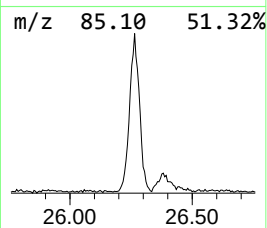
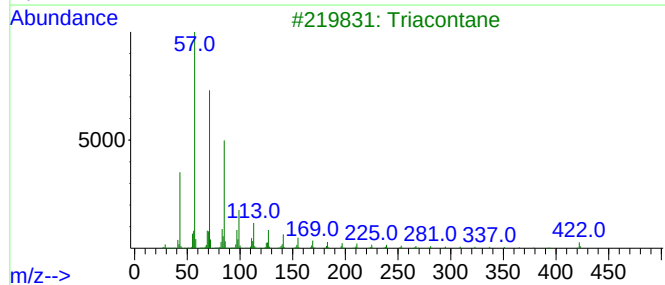
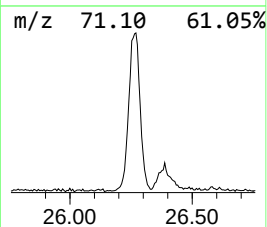
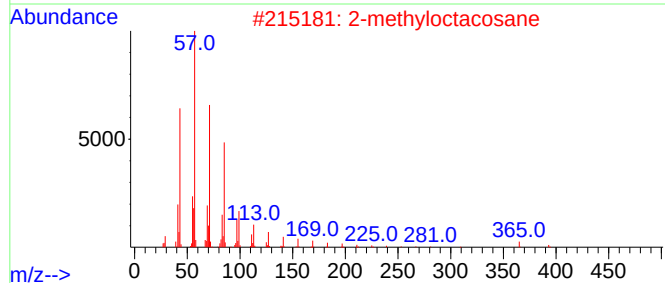
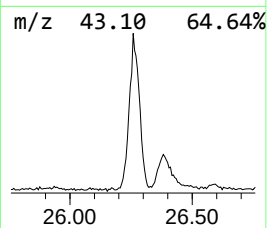
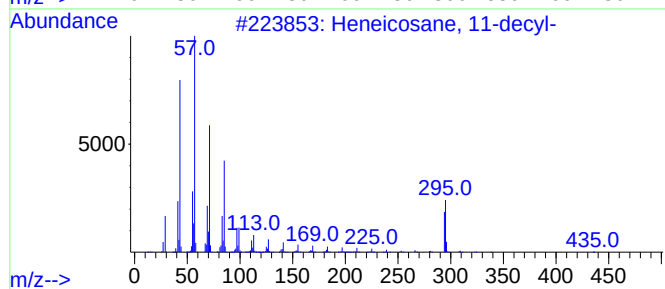
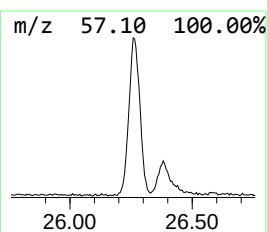
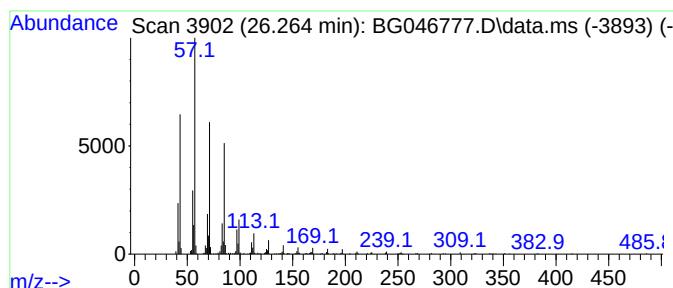
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.      | EstConc                | Area    | Relative to ISTD | R.T.         |      |
|-----------|------------------------|---------|------------------|--------------|------|
| 26.260    | 16.42 ng/ul            | 1142340 | Perylene-d12     | 25.024       |      |
| Hit# of 5 | Tentative ID           | MW      | MolForm          | CAS#         | Qual |
| 1         | Heneicosane, 11-decyl- | 437     | C31H64           | 055320-06-4  | 91   |
| 2         | 2-methyloctacosane     | 408     | C29H60           | 1000376-72-8 | 91   |
| 3         | Triacontane            | 422     | C30H62           | 000638-68-6  | 91   |
| 4         | Heneicosane            | 296     | C21H44           | 000629-94-7  | 91   |
| 5         | Tetracosane            | 338     | C24H50           | 000646-31-1  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100220\  
Data File : BG046777.D  
Acq On : 3 Oct 2020 18:31  
Operator : CG/JU  
Sample : L4150-16  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CB7K2

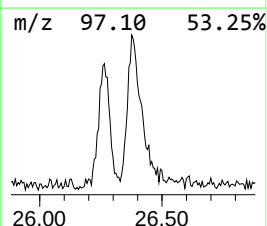
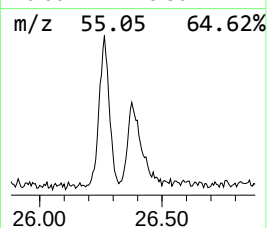
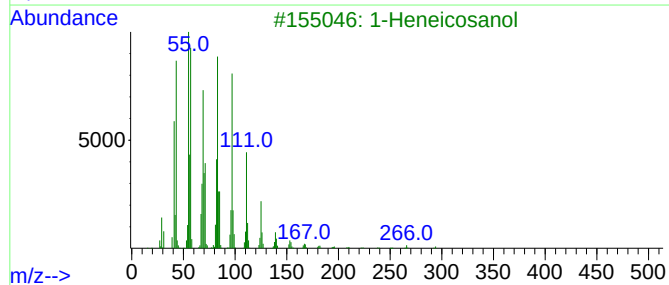
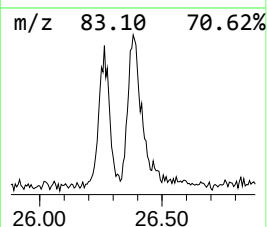
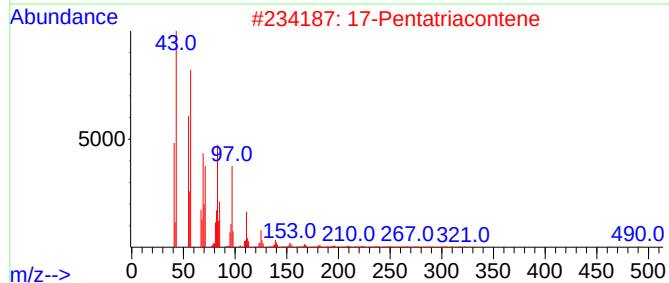
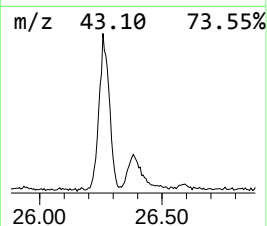
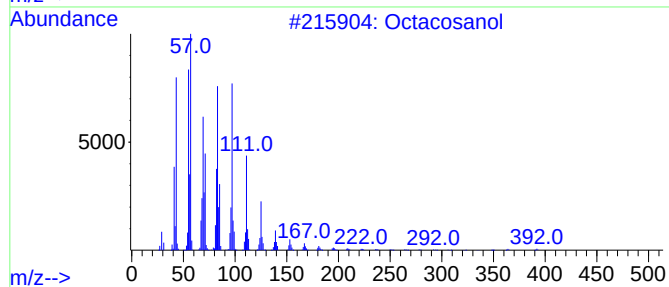
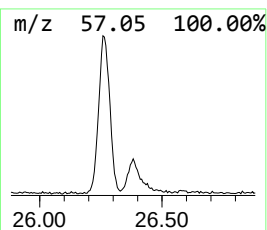
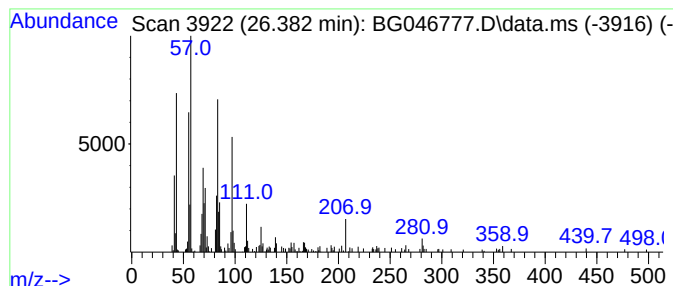
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 Octacosanol Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 26.380 | 6.34 ng/ul | 441529 | Perylene-d12     | 25.024 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------------|-----|---------|--------------|------|
| 1    |    |   | Octacosanol               | 410 | C28H58O | 000557-61-9  | 83   |
| 2    |    |   | 17-Pentatriacontene       | 491 | C35H70  | 006971-40-0  | 83   |
| 3    |    |   | 1-Heneicosanol            | 312 | C21H44O | 015594-90-8  | 68   |
| 4    |    |   | 1-Docosanol, methyl ether | 340 | C23H48O | 1000333-91-9 | 64   |
| 5    |    |   | Behenic alcohol           | 326 | C22H46O | 000661-19-8  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100220\  
Data File : BG046777.D  
Acq On : 3 Oct 2020 18:31  
Operator : CG/JU  
Sample : L4150-16  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CB7K2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG092920MA.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| (DEL) Alkane: S... | 21.390 | 6.8     | ng/ul | 521672   | 5                     | 21.752 | 1543550 | 20.0 |
| (DEL) Alkane: S... | 22.590 | 10.5    | ng/ul | 812470   | 5                     | 21.752 | 1543550 | 20.0 |
| 1,19-Eicosadiene   | 23.640 | 12.0    | ng/ul | 833388   | 6                     | 25.024 | 1391810 | 20.0 |
| (DEL) Alkane: S... | 24.130 | 8.4     | ng/ul | 584557   | 6                     | 25.024 | 1391810 | 20.0 |
| (DEL) Alkane: C... | 24.170 | 33.7    | ng/ul | 2346940  | 6                     | 25.024 | 1391810 | 20.0 |
| (DEL) Alkane: S... | 26.260 | 16.4    | ng/ul | 1142340  | 6                     | 25.024 | 1391810 | 20.0 |
| Octacosanol        | 26.380 | 6.3     | ng/ul | 441529   | 6                     | 25.024 | 1391810 | 20.0 |