

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092023\  
 Data File : BG059164.D  
 Acq On : 22 Sep 2023 15:15  
 Operator : MA/JU  
 Sample : 04429-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBBL6

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\SFAM-EPA-BG091923.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG059164.D\data.ms

| 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         | 3.582       | 28            | 33          | 44           | rBV      | 133693         | 236409        | 16.37%          | 1.572%        |
| 2         | 4.052       | 108           | 113         | 122          | rBV      | 62575          | 105148        | 7.28%           | 0.699%        |
| 3         | 4.927       | 255           | 262         | 280          | rVB      | 816296         | 1443882       | 100.00%         | 9.598%        |
| 4         | 5.221       | 310           | 312         | 315          | rBV3     | 2220           | 2403          | 0.17%           | 0.016%        |
| 5         | 5.344       | 331           | 333         | 334          | rBV2     | 3934           | 3017          | 0.21%           | 0.020%        |
| 6         | 5.432       | 345           | 348         | 351          | rBV4     | 3103           | 4876          | 0.34%           | 0.032%        |
| 7         | 6.120       | 460           | 465         | 471          | rBV4     | 4538           | 8024          | 0.56%           | 0.053%        |
| 8         | 6.255       | 485           | 488         | 490          | rBV4     | 1795           | 2045          | 0.14%           | 0.014%        |
| 9         | 6.954       | 602           | 607         | 613          | rBV      | 18597          | 30134         | 2.09%           | 0.200%        |
| 10        | 7.124       | 632           | 636         | 640          | rBV5     | 1902           | 2831          | 0.20%           | 0.019%        |
| 11        | 7.236       | 653           | 655         | 658          | rVB3     | 2728           | 2238          | 0.15%           | 0.015%        |
| 12        | 7.265       | 658           | 660         | 662          | rBV2     | 2191           | 1991          | 0.14%           | 0.013%        |
| 13        | 7.424       | 681           | 687         | 695          | rBV      | 47780          | 83257         | 5.77%           | 0.553%        |
| 14        | 7.542       | 705           | 707         | 710          | rVB2     | 2686           | 2691          | 0.19%           | 0.018%        |
| 15        | 7.577       | 710           | 713         | 715          | rBV4     | 2137           | 2544          | 0.18%           | 0.017%        |
| 16        | 7.624       | 715           | 721         | 729          | rVV      | 133028         | 232824        | 16.12%          | 1.548%        |
| 17        | 7.712       | 733           | 736         | 738          | rVB3     | 2475           | 2533          | 0.18%           | 0.017%        |
| 18        | 7.824       | 747           | 755         | 768          | rBV      | 140442         | 254963        | 17.66%          | 1.695%        |
| 19        | 8.305       | 831           | 837         | 844          | rBV      | 93213          | 174481        | 12.08%          | 1.160%        |
| 20        | 8.928       | 940           | 943         | 946          | rBV4     | 2300           | 3076          | 0.21%           | 0.020%        |
| 21        | 8.993       | 946           | 954         | 964          | rVV2     | 136017         | 240022        | 16.62%          | 1.596%        |
| 22        | 9.099       | 969           | 972         | 978          | rVB      | 10047          | 14566         | 1.01%           | 0.097%        |
| 23        | 9.504       | 1032          | 1041        | 1052         | rBV      | 169420         | 310127        | 21.48%          | 2.062%        |
| 24        | 9.604       | 1054          | 1058        | 1061         | rVB4     | 3399           | 4752          | 0.33%           | 0.032%        |
| 25        | 9.651       | 1061          | 1066        | 1067         | rBV5     | 1872           | 2599          | 0.18%           | 0.017%        |
| 26        | 9.704       | 1072          | 1075        | 1076         | rBV3     | 4775           | 4411          | 0.31%           | 0.029%        |
| 27        | 9.815       | 1090          | 1094        | 1095         | rBV3     | 2244           | 2492          | 0.17%           | 0.017%        |
| 28        | 10.092      | 1139          | 1141        | 1146         | rBV4     | 2742           | 3340          | 0.23%           | 0.022%        |
| 29        | 10.168      | 1150          | 1154        | 1156         | rVV5     | 2764           | 3557          | 0.25%           | 0.024%        |
| 30        | 10.221      | 1156          | 1163        | 1171         | rVV2     | 136504         | 248412        | 17.20%          | 1.651%        |
| 31        | 10.379      | 1186          | 1190        | 1196         | rVB5     | 2781           | 4233          | 0.29%           | 0.028%        |
| 32        | 10.750      | 1245          | 1253        | 1262         | rBV      | 219340         | 410154        | 28.41%          | 2.727%        |
| 33        | 10.808      | 1262          | 1263        | 1269         | rVB2     | 2974           | 4362          | 0.30%           | 0.029%        |
| 34        | 10.867      | 1269          | 1273        | 1274         | rBV3     | 3642           | 3903          | 0.27%           | 0.026%        |
| 35        | 10.967      | 1287          | 1290        | 1292         | rBV3     | 2796           | 2270          | 0.16%           | 0.015%        |
| 36        | 11.061      | 1304          | 1306        | 1310         | rVB4     | 2479           | 2950          | 0.20%           | 0.020%        |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 BBBL6

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\SFAM-EPA-BG091923.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 11.149 | 1314 | 1321 | 1328 | rVV  | 147392 | 276939 | 19.18% | 1.841% |
| 38 | 11.226 | 1330 | 1334 | 1336 | rVV3 | 3363   | 5065   | 0.35%  | 0.034% |
| 39 | 11.290 | 1338 | 1345 | 1360 | rVV  | 155326 | 304464 | 21.09% | 2.024% |
| 40 | 11.402 | 1360 | 1364 | 1368 | rBV5 | 2178   | 3392   | 0.23%  | 0.023% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 41 | 11.496 | 1376 | 1380 | 1381 | rBV3 | 1911 | 2182 | 0.15% | 0.015% |
| 42 | 12.048 | 1469 | 1474 | 1475 | rBV4 | 2066 | 2943 | 0.20% | 0.020% |
| 43 | 12.124 | 1485 | 1487 | 1489 | rBV3 | 2430 | 2565 | 0.18% | 0.017% |
| 44 | 12.260 | 1506 | 1510 | 1512 | rBV5 | 2411 | 3564 | 0.25% | 0.024% |
| 45 | 12.389 | 1527 | 1532 | 1533 | rBV4 | 3135 | 4118 | 0.29% | 0.027% |

|    |        |      |      |      |      |      |       |       |        |
|----|--------|------|------|------|------|------|-------|-------|--------|
| 46 | 12.559 | 1558 | 1561 | 1565 | rBV5 | 2732 | 4701  | 0.33% | 0.031% |
| 47 | 12.677 | 1577 | 1581 | 1583 | rBV5 | 8018 | 11641 | 0.81% | 0.077% |
| 48 | 12.759 | 1594 | 1595 | 1597 | rBV  | 3471 | 3066  | 0.21% | 0.020% |
| 49 | 12.976 | 1629 | 1632 | 1634 | rBV4 | 2863 | 4041  | 0.28% | 0.027% |
| 50 | 13.000 | 1634 | 1636 | 1642 | rVB5 | 6087 | 8687  | 0.60% | 0.058% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 51 | 13.153 | 1659 | 1662 | 1663 | rBV2 | 2164  | 2330  | 0.16% | 0.015% |
| 52 | 13.194 | 1666 | 1669 | 1671 | rBV3 | 2469  | 3051  | 0.21% | 0.020% |
| 53 | 13.253 | 1677 | 1679 | 1682 | rBV3 | 3203  | 2937  | 0.20% | 0.020% |
| 54 | 13.505 | 1719 | 1722 | 1724 | rVB3 | 4285  | 4021  | 0.28% | 0.027% |
| 55 | 13.629 | 1736 | 1743 | 1748 | rBV5 | 22774 | 54398 | 3.77% | 0.362% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 56 | 13.676 | 1748 | 1751 | 1756 | rVB2 | 17555  | 26500  | 1.84%  | 0.176% |
| 57 | 13.752 | 1759 | 1764 | 1771 | rBV  | 338476 | 518872 | 35.94% | 3.449% |
| 58 | 13.905 | 1786 | 1790 | 1792 | rBV5 | 9039   | 12411  | 0.86%  | 0.083% |
| 59 | 13.958 | 1795 | 1799 | 1803 | rVB2 | 25957  | 36721  | 2.54%  | 0.244% |
| 60 | 14.281 | 1850 | 1854 | 1855 | rBV3 | 6217   | 7447   | 0.52%  | 0.050% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 61 | 14.328 | 1856 | 1862 | 1868 | rVV  | 501686 | 723419 | 50.10% | 4.809% |
| 62 | 14.392 | 1870 | 1873 | 1879 | rVB5 | 27094  | 35839  | 2.48%  | 0.238% |
| 63 | 14.457 | 1882 | 1884 | 1888 | rBV5 | 2315   | 2101   | 0.15%  | 0.014% |
| 64 | 14.522 | 1891 | 1895 | 1896 | rBV4 | 3304   | 3612   | 0.25%  | 0.024% |
| 65 | 14.557 | 1896 | 1901 | 1906 | rVB  | 31346  | 43574  | 3.02%  | 0.290% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 66 | 14.633 | 1908 | 1914 | 1920 | rBV  | 556226 | 883042 | 61.16% | 5.870% |
| 67 | 14.898 | 1953 | 1959 | 1962 | rBV  | 235871 | 346201 | 23.98% | 2.301% |
| 68 | 14.933 | 1962 | 1965 | 1972 | rVB  | 250852 | 368170 | 25.50% | 2.447% |
| 69 | 15.109 | 1991 | 1995 | 2002 | rVB3 | 33909  | 59569  | 4.13%  | 0.396% |
| 70 | 15.162 | 2002 | 2004 | 2007 | rBV3 | 3345   | 4201   | 0.29%  | 0.028% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 71 | 15.268 | 2020 | 2022 | 2030 | rVB9 | 7407   | 11190   | 0.77%  | 0.074% |
| 72 | 15.356 | 2034 | 2037 | 2040 | rBV4 | 9623   | 12064   | 0.84%  | 0.080% |
| 73 | 15.650 | 2081 | 2087 | 2097 | rVB5 | 27179  | 59345   | 4.11%  | 0.394% |
| 74 | 15.744 | 2099 | 2103 | 2106 | rBV6 | 12361  | 18400   | 1.27%  | 0.122% |
| 75 | 15.920 | 2127 | 2133 | 2139 | rBV  | 721554 | 1110229 | 76.89% | 7.380% |

|    |        |      |      |      |     |        |        |        |        |
|----|--------|------|------|------|-----|--------|--------|--------|--------|
| 76 | 16.026 | 2145 | 2151 | 2158 | rVB | 220570 | 324032 | 22.44% | 2.154% |
|----|--------|------|------|------|-----|--------|--------|--------|--------|

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Instrument :  
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

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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\SFAM-EPA-BG091923.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 77 | 16.167 | 2171 | 2175 | 2180 | rVB4 | 27072  | 42354   | 2.93%  | 0.282% |
| 78 | 16.936 | 2303 | 2306 | 2311 | rVB2 | 21203  | 32255   | 2.23%  | 0.214% |
| 79 | 17.683 | 2427 | 2433 | 2440 | rBV  | 320194 | 483329  | 33.47% | 3.213% |
| 80 | 17.783 | 2443 | 2450 | 2457 | rBV  | 786716 | 1223775 | 84.76% | 8.135% |
| 81 | 18.364 | 2547 | 2549 | 2550 | rBV2 | 9117   | 5933    | 0.41%  | 0.039% |
| 82 | 18.499 | 2568 | 2572 | 2583 | rBV  | 255556 | 352341  | 24.40% | 2.342% |
| 83 | 19.763 | 2783 | 2787 | 2791 | rBV2 | 86230  | 122940  | 8.51%  | 0.817% |
| 84 | 20.056 | 2831 | 2837 | 2847 | rVB  | 939086 | 1374110 | 95.17% | 9.134% |
| 85 | 21.549 | 3087 | 3091 | 3099 | rBV2 | 97721  | 162961  | 11.29% | 1.083% |
| 86 | 22.001 | 3163 | 3168 | 3174 | rVB  | 230270 | 393493  | 27.25% | 2.616% |
| 87 | 25.309 | 3721 | 3731 | 3745 | rVB3 | 401176 | 1206899 | 83.59% | 8.023% |
| 88 | 25.556 | 3765 | 3773 | 3785 | rVB3 | 148907 | 465579  | 32.24% | 3.095% |
| 89 | 32.530 | 4958 | 4960 | 4963 | rBV3 | 5801   | 4709    | 0.33%  | 0.031% |

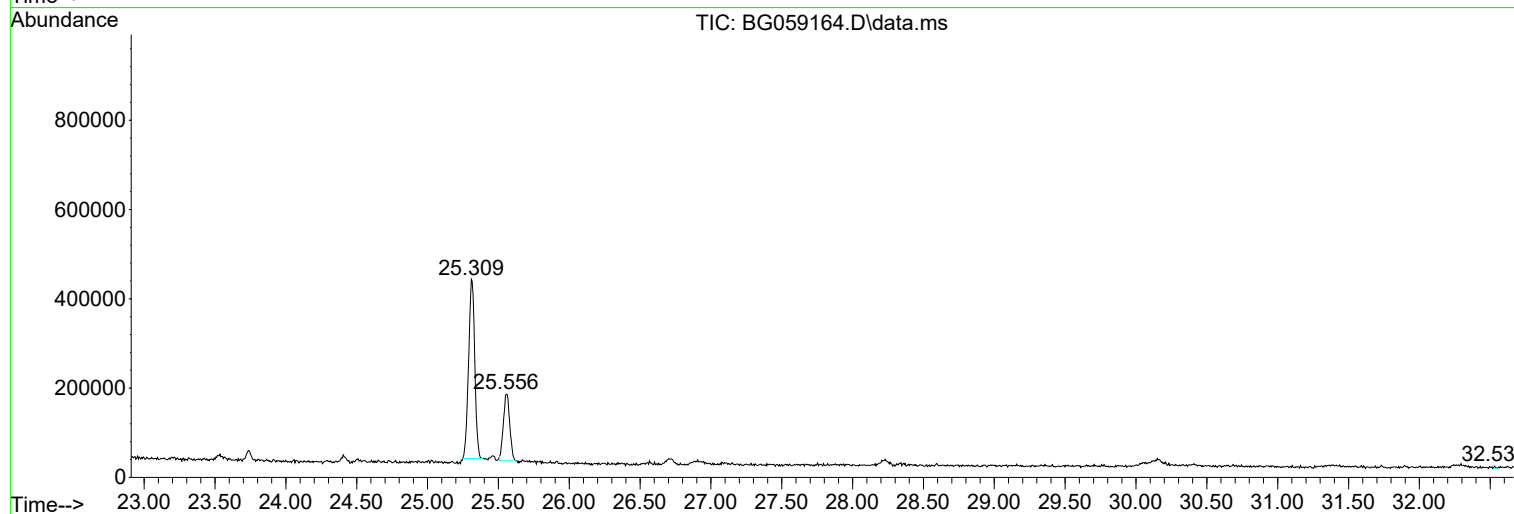
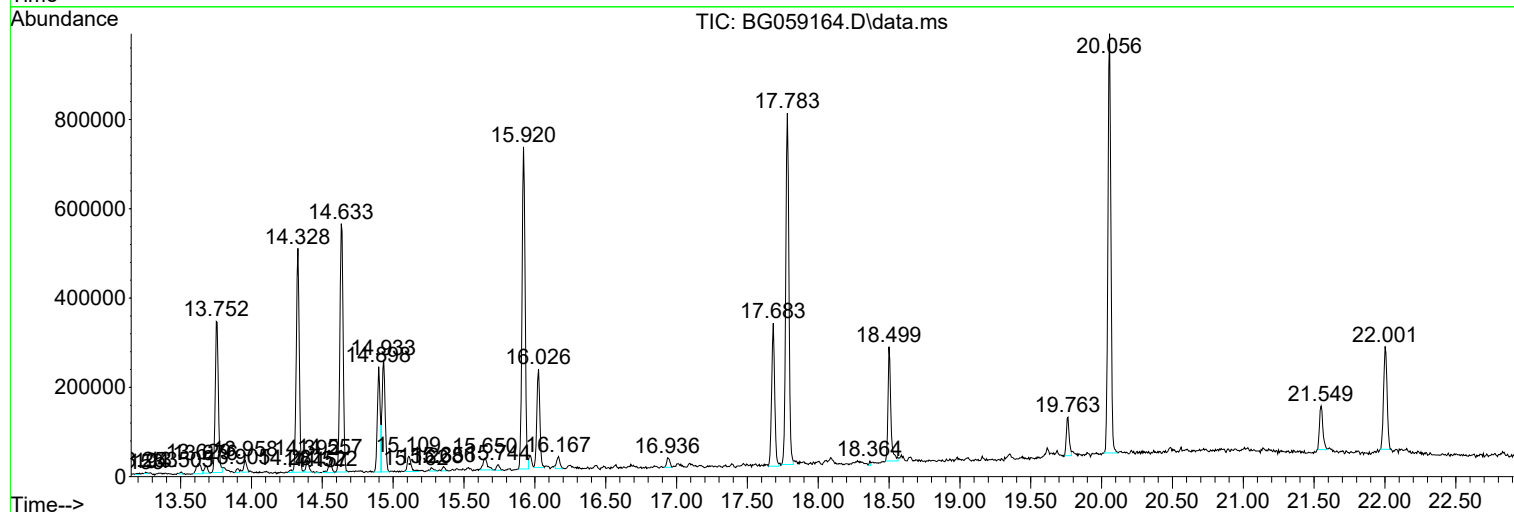
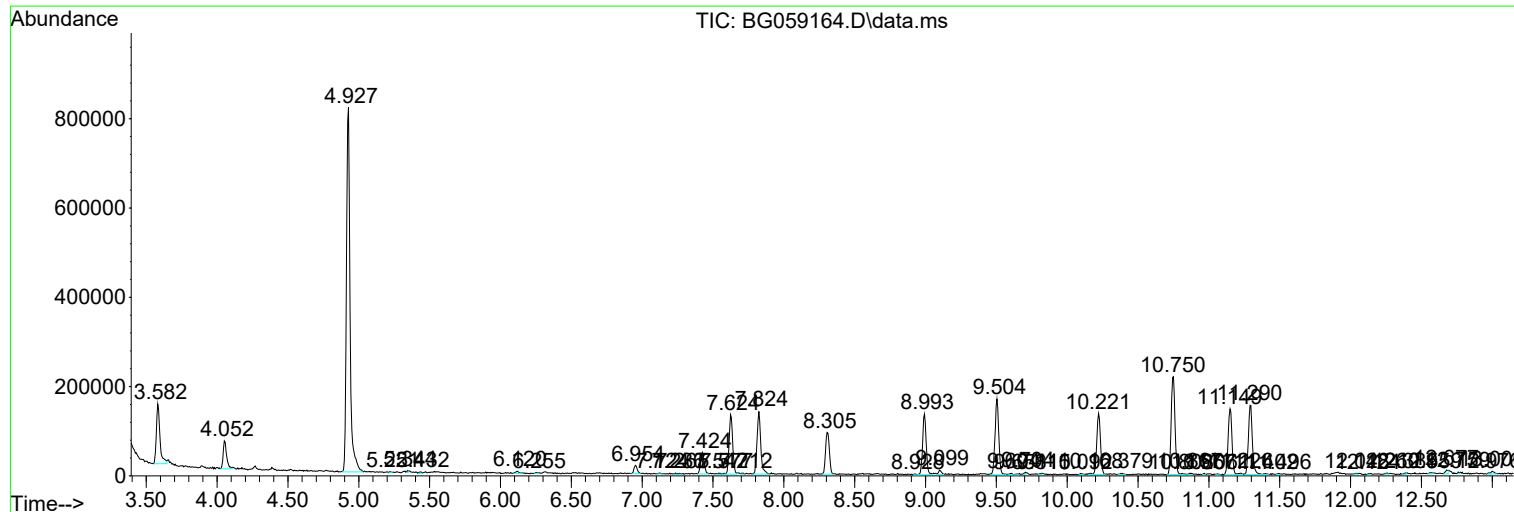
Sum of corrected areas: 15043239

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092023\  
Data File : BG059164.D  
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Instrument :  
BNA\_G  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091923.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092023\  
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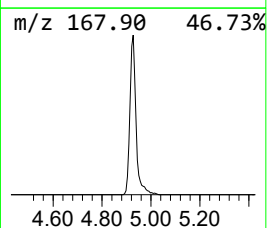
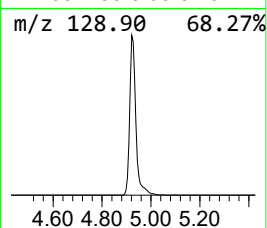
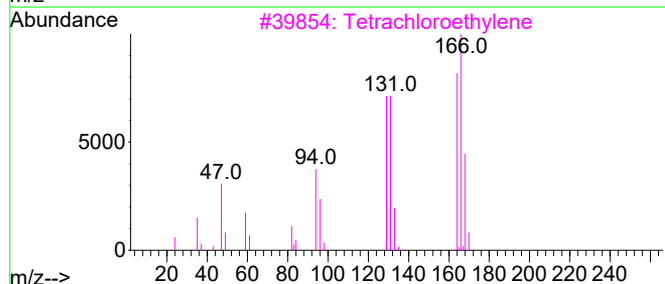
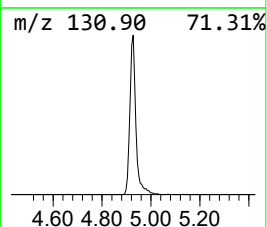
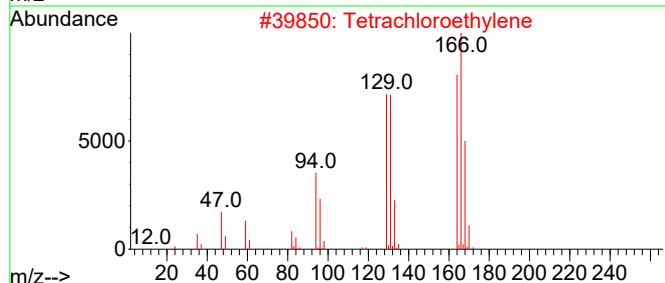
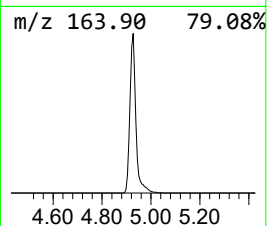
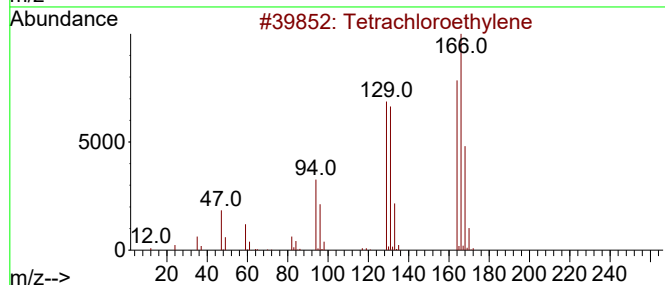
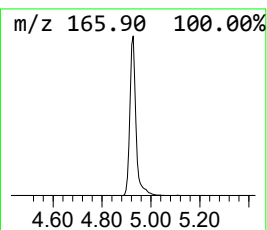
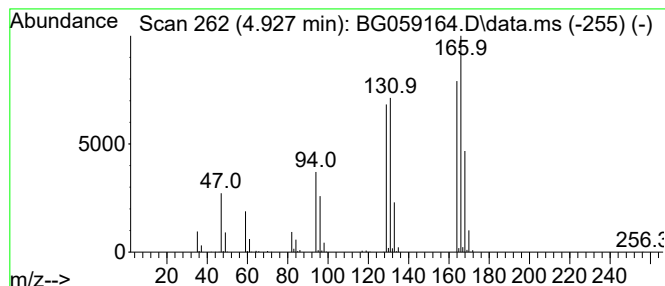
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091923.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Tetrachloroethylene Concentration Rank 1

| R.T.  | EstConc      | Area    | Relative to ISTD       | R.T.  |
|-------|--------------|---------|------------------------|-------|
| 4.927 | 165.51 ng/ul | 1443880 | 1,4-Dichlorobenzene-d4 | 8.305 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm   | CAS#        | Qual |
|------|----|---|------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 98   |
| 2    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 98   |
| 3    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 96   |
| 4    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 94   |
| 5    |    |   | Pyrimidine, 5-fluoro-2,4-dichloro- | 166 | C4HC12FN2 | 002927-71-1 | 43   |



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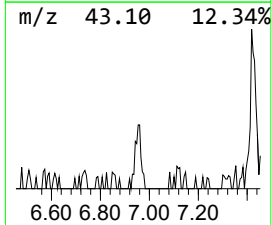
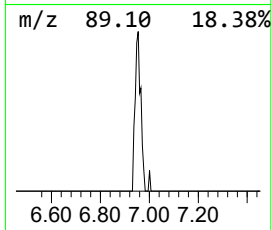
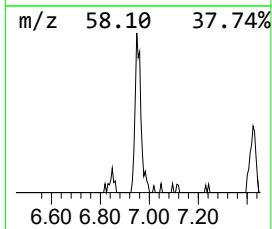
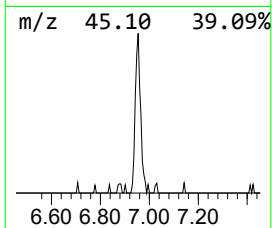
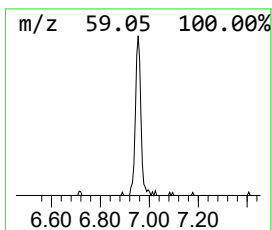
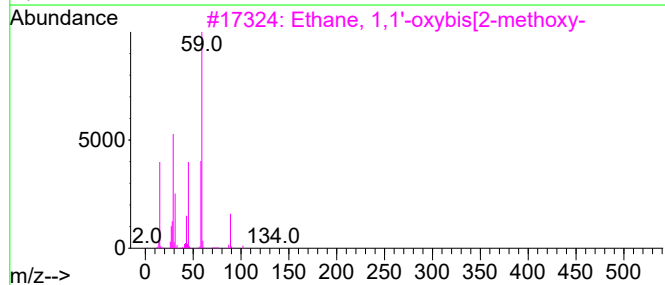
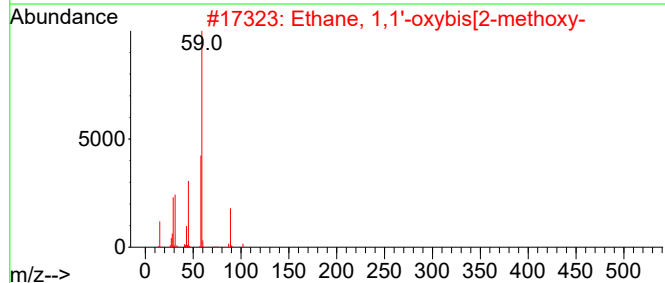
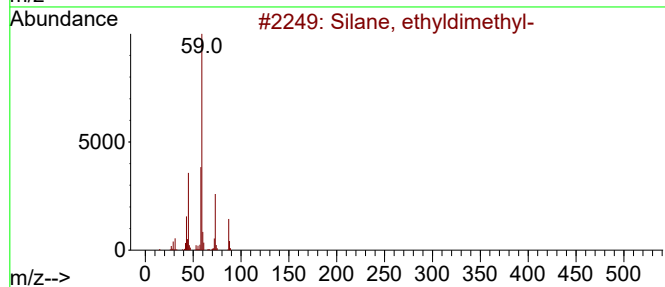
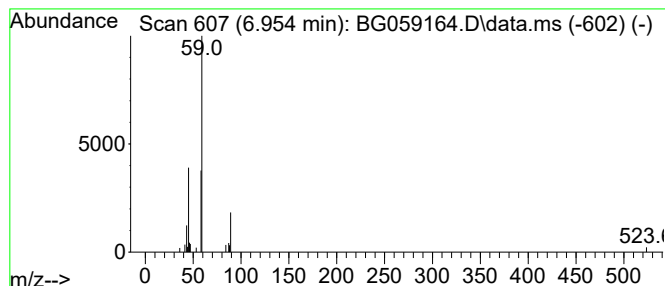
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091923.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Silane, ethyldimethyl- Concentration Rank 6

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 6.954 | 3.45 ng/ul | 30134 | 1,4-Dichlorobenzene-d4 | 8.305 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Silane, ethyldimethyl-           | 88  | C4H12Si | 000758-21-4 | 56   |
| 2    |    |   | Ethane, 1,1'-oxybis[2-methoxy-   | 134 | C6H14O3 | 000111-96-6 | 40   |
| 3    |    |   | Ethane, 1,1'-oxybis[2-methoxy-   | 134 | C6H14O3 | 000111-96-6 | 40   |
| 4    |    |   | Triisopropylsilane               | 158 | C9H22Si | 006485-79-6 | 9    |
| 5    |    |   | 2-Propanol, 1-(2-ethoxypropoxy)- | 162 | C8H18O3 | 010143-32-5 | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092023\  
Data File : BG059164.D  
Acq On : 22 Sep 2023 15:15  
Operator : MA/JU  
Sample : 04429-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BBBL6

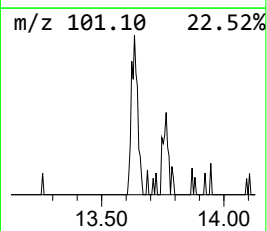
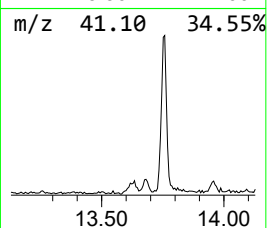
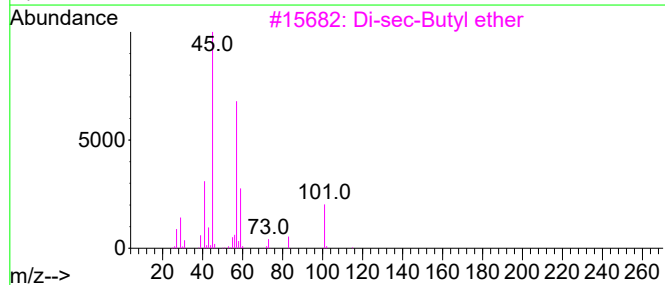
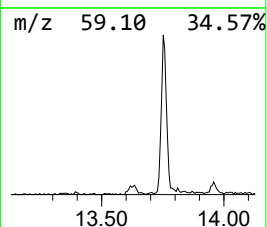
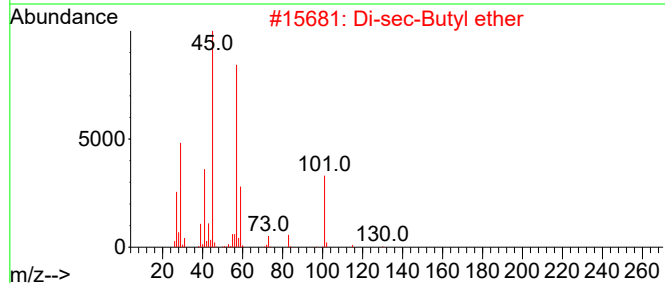
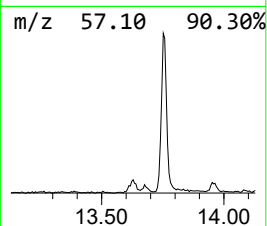
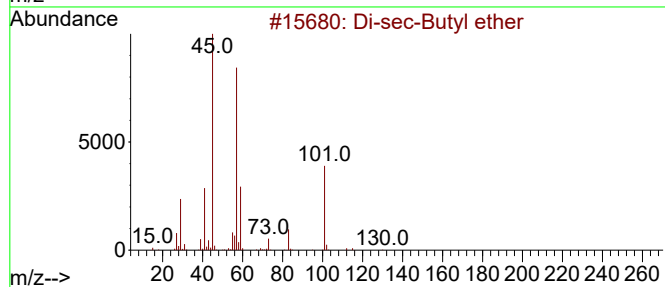
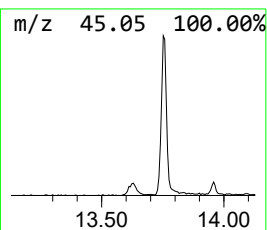
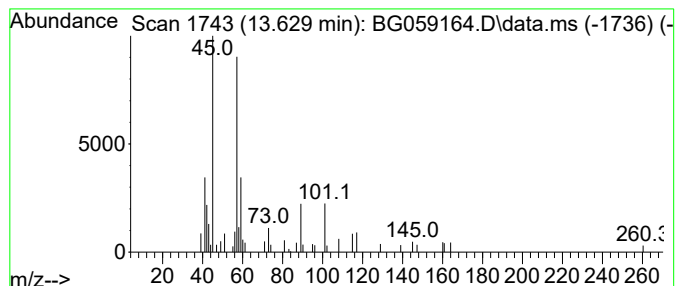
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Di-sec-Butyl ether Concentration Rank 8

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 13.629 | 2.96 ng/ul | 54398 | Acenaphthene-d10 | 14.933 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Di-sec-Butyl ether                 | 130 | C8H18O   | 006863-58-7 | 53   |
| 2    |    |   | Di-sec-Butyl ether                 | 130 | C8H18O   | 006863-58-7 | 53   |
| 3    |    |   | Di-sec-Butyl ether                 | 130 | C8H18O   | 006863-58-7 | 42   |
| 4    |    |   | Butane, 1,2,3,4-tetramethoxy-      | 178 | C8H18O4  | 003011-85-6 | 42   |
| 5    |    |   | 3,6,9,12,15-Pentaoxanonadecan-1-ol | 294 | C14H30O6 | 001786-94-3 | 40   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092023\  
Data File : BG059164.D  
Acq On : 22 Sep 2023 15:15  
Operator : MA/JU  
Sample : 04429-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

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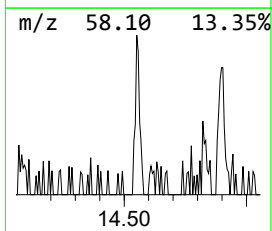
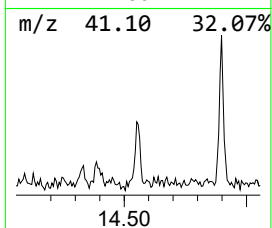
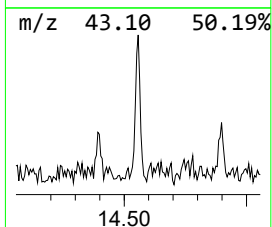
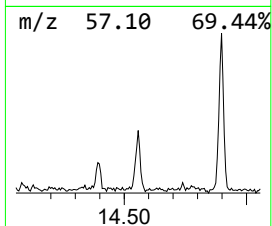
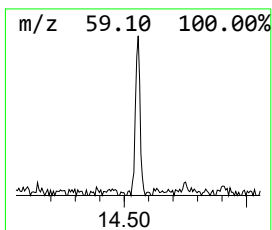
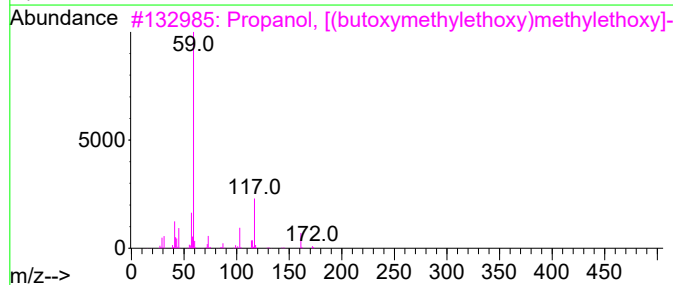
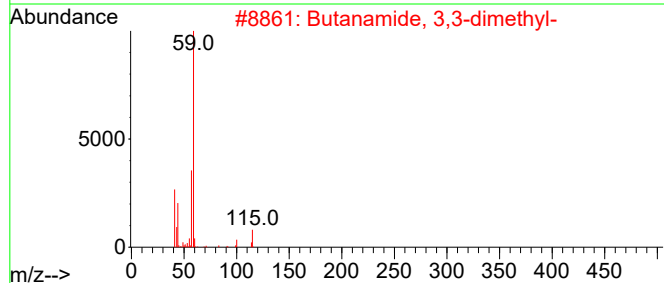
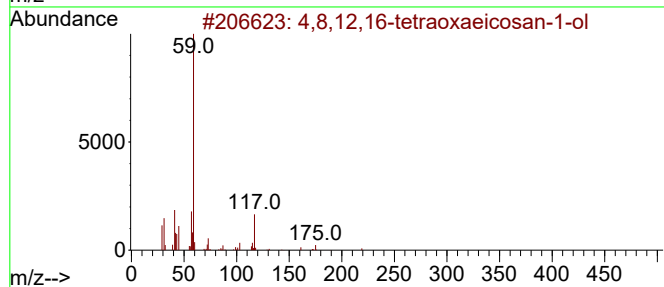
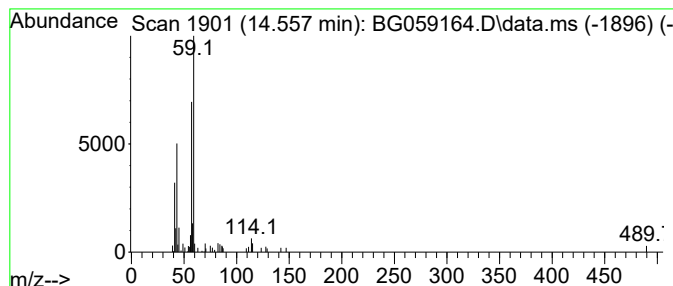
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 4,8,12,16-tetraoxaeicosan-1-ol Concentration Rank 9

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 14.557 | 2.37 ng/ul | 43574 | Acenaphthene-d10 | 14.933 |

| Hit# | of                                   | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|--------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 4,8,12,16-tetraoxaeicosan-1-ol       | 306 | C16H34O5     | 1010397-63-6 | 72      |      |      |
| 2    | Butanamide, 3,3-dimethyl-            | 115 | C6H13NO      | 000926-04-5  | 53      |      |      |
| 3    | Propanol, [(butoxymethylethoxy)m...] | 248 | C13H28O4     | 055934-93-5  | 50      |      |      |
| 4    | 3-Hexanol                            | 102 | C6H14O       | 000623-37-0  | 50      |      |      |
| 5    | 3-Hexanol                            | 102 | C6H14O       | 000623-37-0  | 50      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092023\  
Data File : BG059164.D  
Acq On : 22 Sep 2023 15:15  
Operator : MA/JU  
Sample : 04429-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

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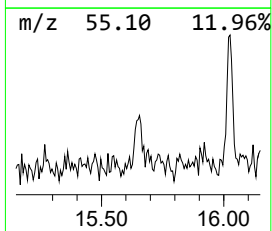
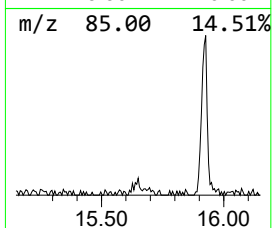
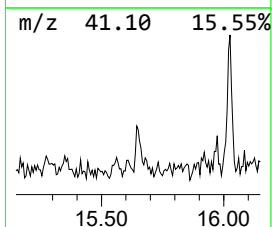
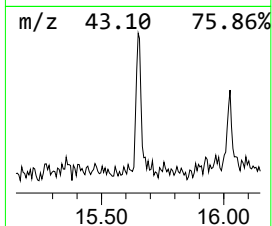
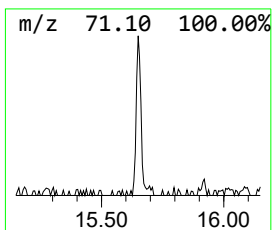
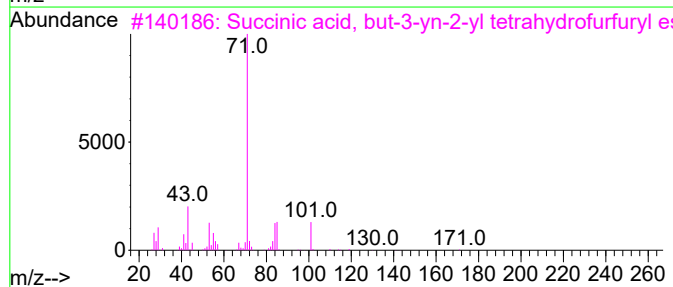
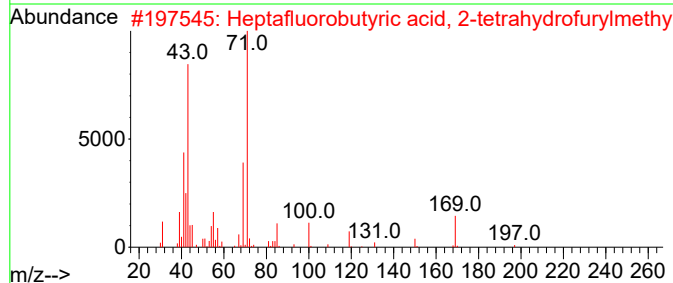
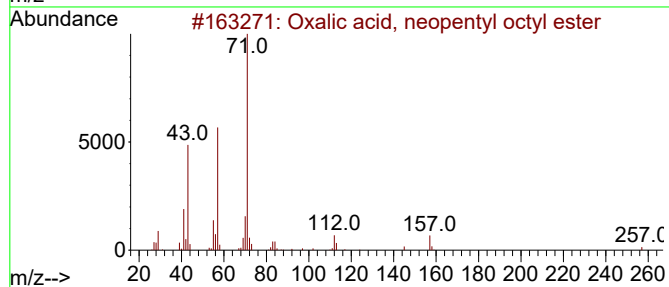
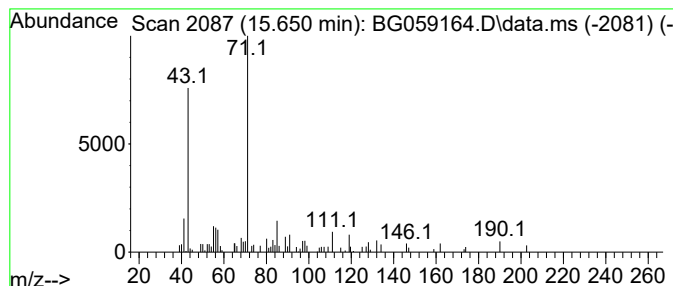
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 unknown-02 Concentration Rank 7

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 15.650 | 3.22 ng/ul | 59345 | Acenaphthene-d10 | 14.933 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Oxalic acid, neopentyl octyl ester  | 272 | C15H28O4 | 1000309-73-2 | 43   |
| 2    |    |   | Heptafluorobutyric acid, 2-tetra... | 298 | C9H9F7O3 | 1000216-78-5 | 42   |
| 3    |    |   | Succinic acid, but-3-yn-2-yl tet... | 254 | C13H18O5 | 1000390-71-3 | 40   |
| 4    |    |   | Propanoic acid, 2-methyl-, 2-eth... | 286 | C16H30O4 | 074367-30-9  | 40   |
| 5    |    |   | 5-Nonanol, 2-methylpropionate       | 214 | C13H26O2 | 1000463-47-6 | 40   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092023\  
Data File : BG059164.D  
Acq On : 22 Sep 2023 15:15  
Operator : MA/JU  
Sample : 04429-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

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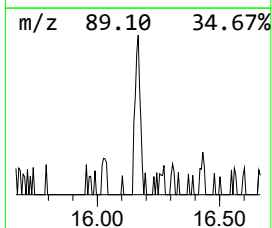
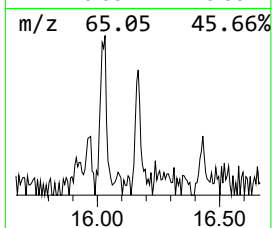
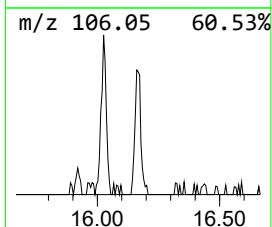
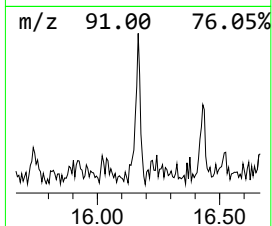
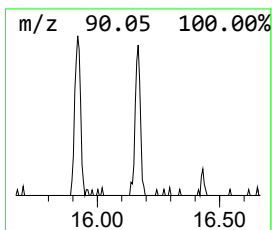
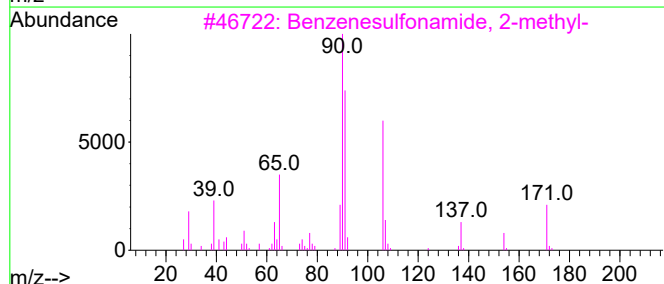
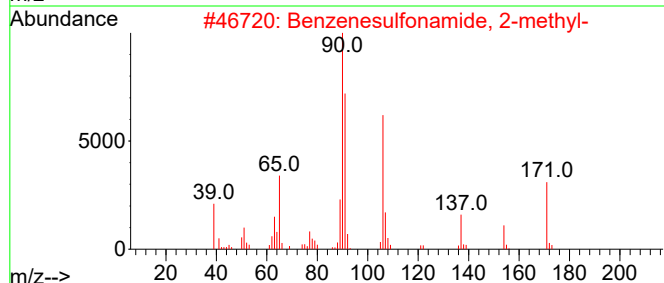
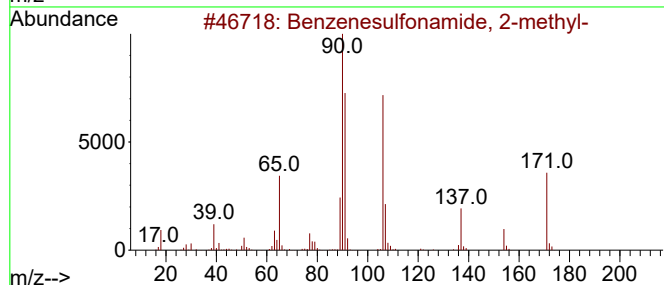
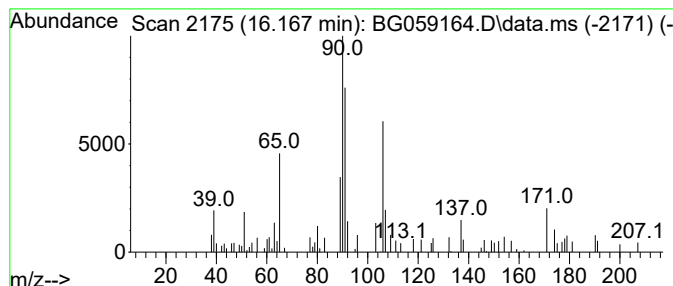
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzenesulfonamide, 2-methyl- Concentration Rank 10

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 16.167 | 2.30 ng/ul | 42354 | Acenaphthene-d10 | 14.933 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzenesulfonamide, 2-methyl-       | 171 | C7H9NO2S | 000088-19-7 | 91   |
| 2    |    |   | Benzenesulfonamide, 2-methyl-       | 171 | C7H9NO2S | 000088-19-7 | 91   |
| 3    |    |   | Benzenesulfonamide, 2-methyl-       | 171 | C7H9NO2S | 000088-19-7 | 90   |
| 4    |    |   | Benzenesulfonamide, 2-methyl-       | 171 | C7H9NO2S | 000088-19-7 | 70   |
| 5    |    |   | Benzenesulfonic acid, 2-methyl-,... | 200 | C9H12O3S | 059222-96-7 | 56   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092023\  
Data File : BG059164.D  
Acq On : 22 Sep 2023 15:15  
Operator : MA/JU  
Sample : 04429-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BBBL6

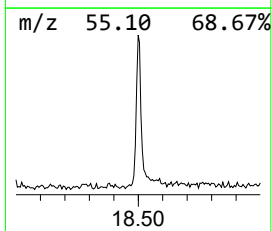
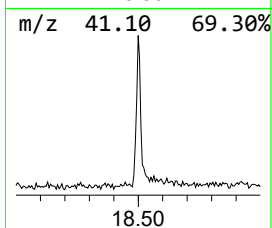
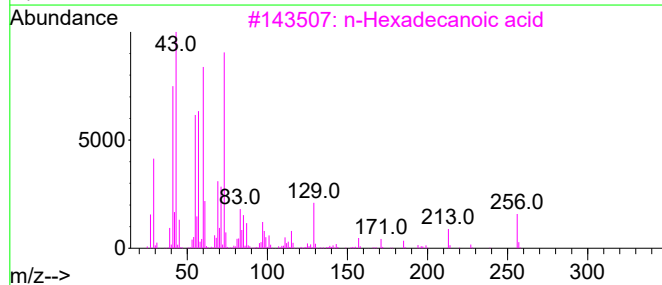
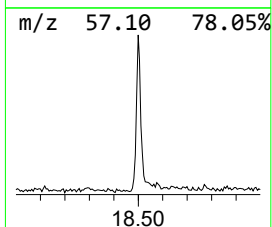
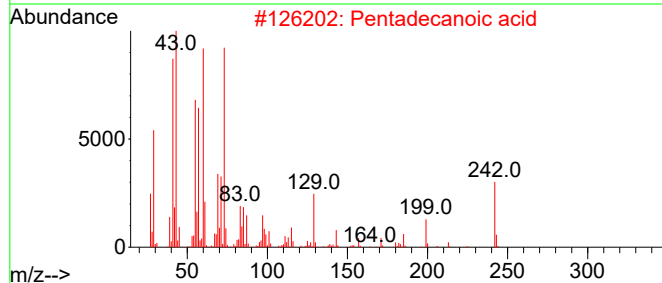
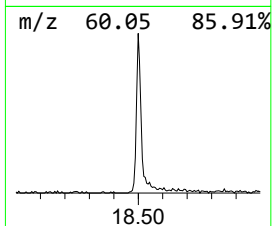
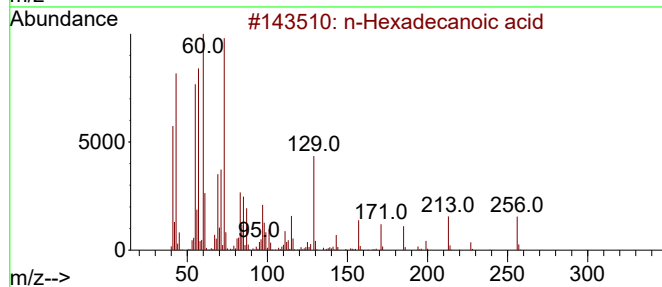
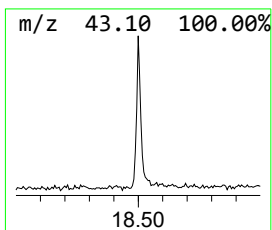
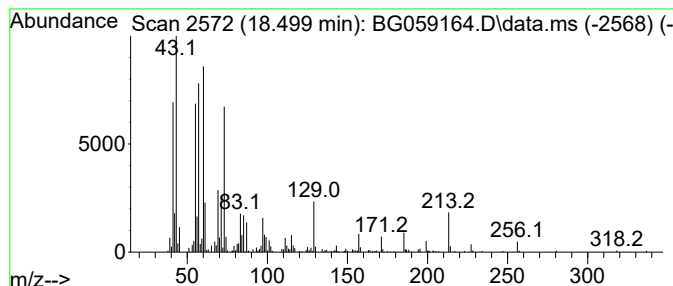
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 18.499 | 14.58 ng/ul | 352341 | Phenanthrene-d10 | 17.683 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 87   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 86   |
| 5    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092023\  
Data File : BG059164.D  
Acq On : 22 Sep 2023 15:15  
Operator : MA/JU  
Sample : 04429-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

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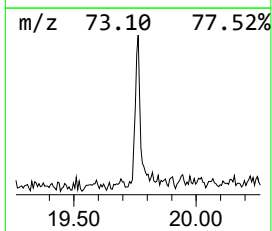
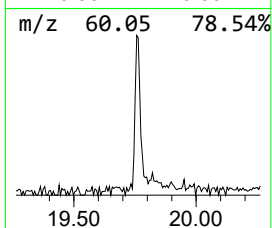
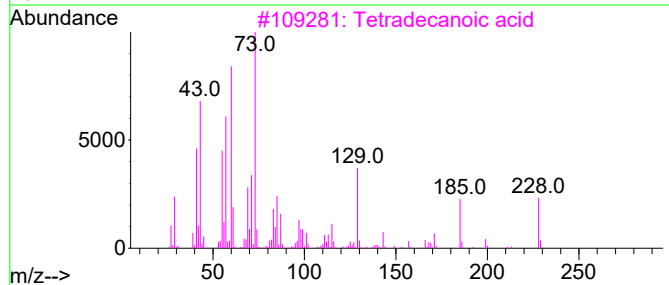
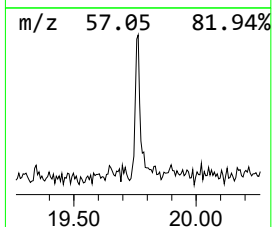
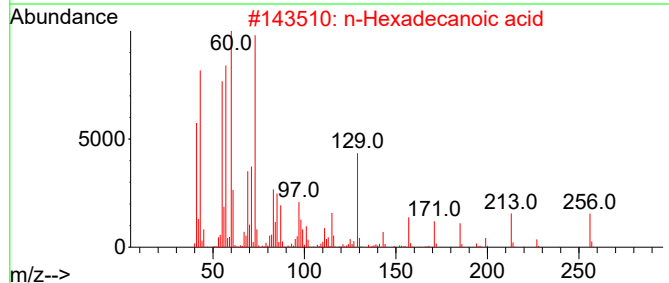
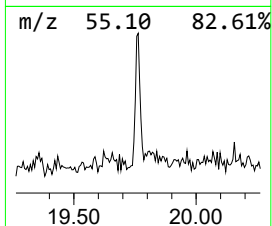
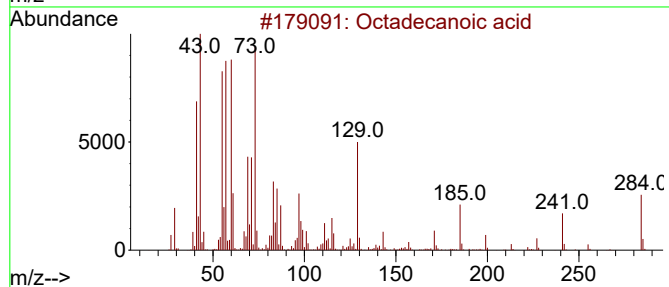
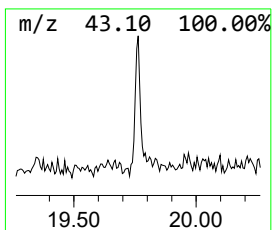
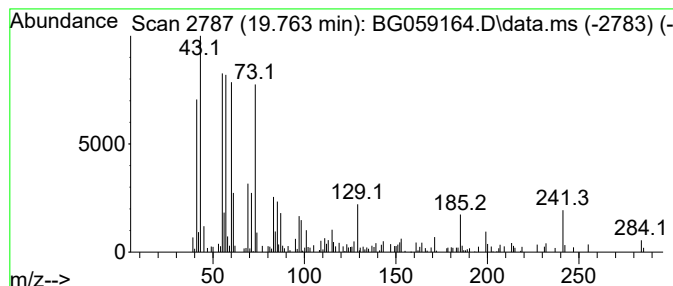
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Octadecanoic acid Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.763 | 5.09 ng/ul | 122940 | Phenanthrene-d10 | 17.683 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 93   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 68   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 64   |
| 4    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 64   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092023\  
Data File : BG059164.D  
Acq On : 22 Sep 2023 15:15  
Operator : MA/JU  
Sample : 04429-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BBBL6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091923.MA.M  
Quant Title : SVOA CALIBRATION

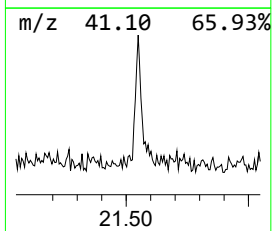
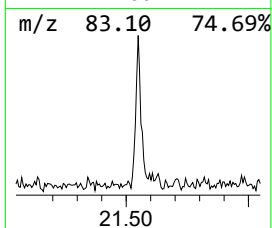
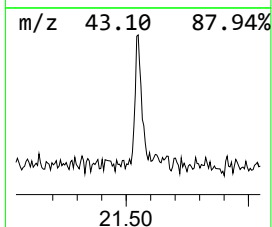
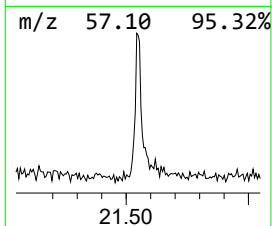
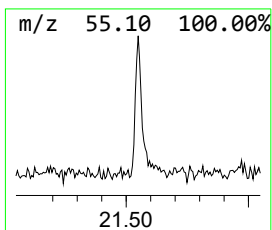
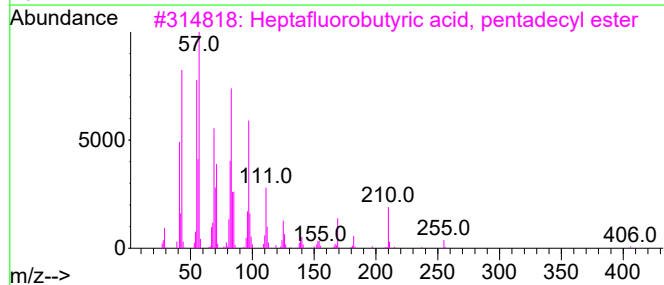
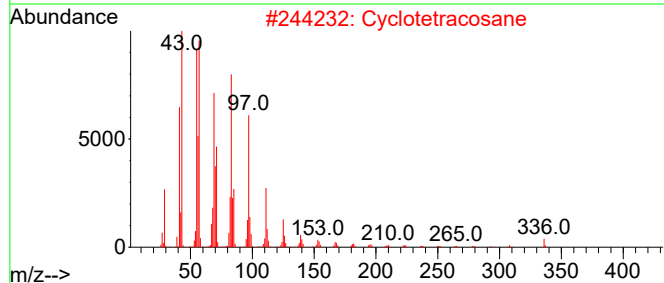
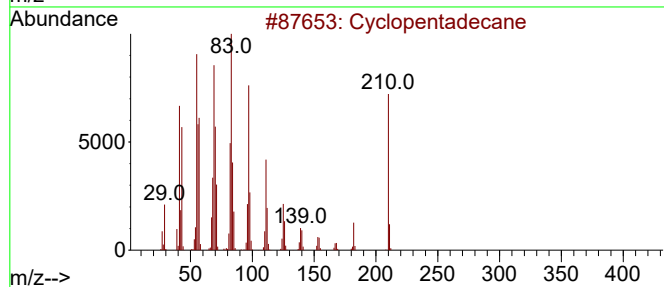
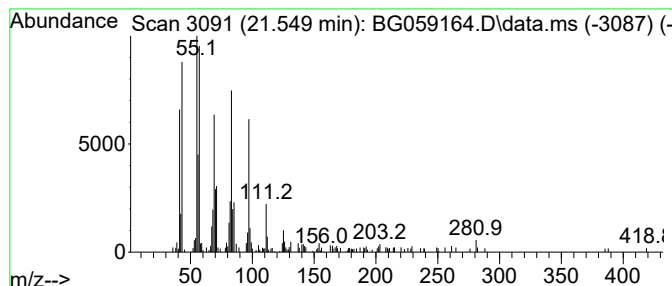
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 (DEL) Alkane: Cyclic21.549 Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.549 | 8.28 ng/ul | 162961 | Chrysene-d12     | 22.001 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|------|-------------------------------------|-----|------------|-------------|------|
| 1    |      | Cyclopentadecane                    | 210 | C15H30     | 000295-48-7 | 93   |
| 2    |      | Cyclotetracosane                    | 336 | C24H48     | 000297-03-0 | 91   |
| 3    |      | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 91   |
| 4    |      | Behenic alcohol                     | 326 | C22H46O    | 000661-19-8 | 91   |
| 5    |      | 1-Octadecanol                       | 270 | C18H38O    | 000112-92-5 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092023\  
Data File : BG059164.D  
Acq On : 22 Sep 2023 15:15  
Operator : MA/JU  
Sample : 04429-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BBBL6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091923.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Tetrachloroethy... | 4.927  | 165.5   | ng/ul | 1443880  | 1                     | 8.305  | 174481 | 20.0 |
| Silane, ethyldi... | 6.954  | 3.5     | ng/ul | 30134    | 1                     | 8.305  | 174481 | 20.0 |
| Di-sec-Butyl ether | 13.629 | 3.0     | ng/ul | 54398    | 3                     | 14.933 | 368170 | 20.0 |
| unknown-01         | 13.752 | 28.2    | ng/ul | 518872   | 3                     | 14.933 | 368170 | 20.0 |
| 4,8,12,16-tetra... | 14.557 | 2.4     | ng/ul | 43574    | 3                     | 14.933 | 368170 | 20.0 |
| unknown-02         | 15.650 | 3.2     | ng/ul | 59345    | 3                     | 14.933 | 368170 | 20.0 |
| Benzenesulfonam... | 16.167 | 2.3     | ng/ul | 42354    | 3                     | 14.933 | 368170 | 20.0 |
| n-Hexadecanoic ... | 18.499 | 14.6    | ng/ul | 352341   | 4                     | 17.683 | 483329 | 20.0 |
| Octadecanoic acid  | 19.763 | 5.1     | ng/ul | 122940   | 4                     | 17.683 | 483329 | 20.0 |
| (DEL) Alkane: C... | 21.549 | 8.3     | ng/ul | 162961   | 5                     | 22.001 | 393493 | 20.0 |