

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG032522\  
 Data File : BG052858.D  
 Acq On : 26 Mar 2022 10:53  
 Operator : CG/JU  
 Sample : N2079-18  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EW5Z9

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-BG031822.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG052858.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         | 3.528       | 21            | 24          | 26           | rBV3     | 5645           | 7298          | 0.52%           | 0.063%        |
| 2         | 3.975       | 97            | 100         | 112          | rVB2     | 21509          | 40375         | 2.87%           | 0.351%        |
| 3         | 4.257       | 146           | 148         | 151          | rVB2     | 1775           | 1581          | 0.11%           | 0.014%        |
| 4         | 4.310       | 155           | 157         | 161          | rVV4     | 2967           | 4104          | 0.29%           | 0.036%        |
| 5         | 4.357       | 164           | 165         | 169          | rVB2     | 2118           | 1674          | 0.12%           | 0.015%        |
| 6         | 4.850       | 244           | 249         | 256          | rVB2     | 31341          | 52724         | 3.75%           | 0.458%        |
| 7         | 5.238       | 311           | 315         | 318          | rBV4     | 1964           | 3247          | 0.23%           | 0.028%        |
| 8         | 5.308       | 324           | 327         | 331          | rVB3     | 1130           | 1444          | 0.10%           | 0.013%        |
| 9         | 5.872       | 419           | 423         | 425          | rVB3     | 1856           | 2326          | 0.17%           | 0.020%        |
| 10        | 5.902       | 425           | 428         | 429          | rBV2     | 1765           | 1830          | 0.13%           | 0.016%        |
| 11        | 7.282       | 655           | 663         | 671          | rVB      | 34361          | 61093         | 4.34%           | 0.531%        |
| 12        | 7.458       | 684           | 693         | 704          | rBV      | 100121         | 178483        | 12.69%          | 1.550%        |
| 13        | 7.670       | 721           | 729         | 736          | rVB      | 101675         | 178712        | 12.71%          | 1.552%        |
| 14        | 8.140       | 799           | 809         | 816          | rBV2     | 100280         | 171166        | 12.17%          | 1.487%        |
| 15        | 8.833       | 918           | 927         | 937          | rVB      | 96113          | 168381        | 11.97%          | 1.462%        |
| 16        | 9.297       | 999           | 1006        | 1015         | rVB      | 145335         | 262673        | 18.68%          | 2.281%        |
| 17        | 9.544       | 1045          | 1048        | 1052         | rBV2     | 1442           | 2373          | 0.17%           | 0.021%        |
| 18        | 10.025      | 1121          | 1130        | 1138         | rBV      | 122157         | 214099        | 15.22%          | 1.859%        |
| 19        | 10.566      | 1215          | 1222        | 1231         | rBV      | 170460         | 303569        | 21.59%          | 2.637%        |
| 20        | 10.954      | 1280          | 1288        | 1295         | rVV      | 150085         | 272296        | 19.36%          | 2.365%        |
| 21        | 11.077      | 1302          | 1309        | 1319         | rBV      | 151400         | 277736        | 19.75%          | 2.412%        |
| 22        | 11.271      | 1338          | 1342        | 1345         | rVB      | 1369           | 1856          | 0.13%           | 0.016%        |
| 23        | 12.528      | 1552          | 1556        | 1560         | rVB2     | 3826           | 5676          | 0.40%           | 0.049%        |
| 24        | 13.744      | 1760          | 1763        | 1766         | rVB2     | 1230           | 1444          | 0.10%           | 0.013%        |
| 25        | 14.155      | 1827          | 1833        | 1839         | rBV      | 425291         | 613265        | 43.61%          | 5.326%        |
| 26        | 14.408      | 1870          | 1876        | 1877         | rBV      | 1339           | 1409          | 0.10%           | 0.012%        |
| 27        | 14.455      | 1877          | 1884        | 1892         | rVB      | 432677         | 689369        | 49.02%          | 5.987%        |
| 28        | 14.760      | 1929          | 1936        | 1943         | rBV      | 286070         | 447879        | 31.85%          | 3.890%        |
| 29        | 14.931      | 1957          | 1965        | 1973         | rBV2     | 42440          | 77215         | 5.49%           | 0.671%        |
| 30        | 15.483      | 2057          | 2059        | 2065         | rVB3     | 2311           | 3257          | 0.23%           | 0.028%        |
| 31        | 15.547      | 2067          | 2070        | 2073         | rBV2     | 2619           | 2989          | 0.21%           | 0.026%        |
| 32        | 15.747      | 2093          | 2104        | 2113         | rBV      | 580129         | 920078        | 65.42%          | 7.991%        |
| 33        | 15.853      | 2116          | 2122        | 2133         | rVV      | 213670         | 310874        | 22.10%          | 2.700%        |
| 34        | 15.976      | 2141          | 2143        | 2144         | rBV2     | 2388           | 1794          | 0.13%           | 0.016%        |
| 35        | 15.994      | 2144          | 2146        | 2150         | rVB3     | 2555           | 2676          | 0.19%           | 0.023%        |
| 36        | 16.481      | 2227          | 2229        | 2235         | rVB3     | 1276           | 1790          | 0.13%           | 0.016%        |

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Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG031822.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 37 | 17.180 | 2344 | 2348 | 2350 | rBV4 | 1645 | 1599 | 0.11% | 0.014% |
| 38 | 17.227 | 2352 | 2356 | 2357 | rBV2 | 1417 | 1863 | 0.13% | 0.016% |
| 39 | 17.257 | 2357 | 2361 | 2364 | rVV3 | 2400 | 3569 | 0.25% | 0.031% |
| 40 | 17.286 | 2364 | 2366 | 2367 | rVV2 | 2037 | 1855 | 0.13% | 0.016% |

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 41 | 17.298 | 2367 | 2368 | 2372 | rVB4 | 3262   | 2520    | 0.18%  | 0.022% |
| 42 | 17.415 | 2382 | 2388 | 2391 | rVV2 | 1211   | 1819    | 0.13%  | 0.016% |
| 43 | 17.504 | 2396 | 2403 | 2411 | rVV  | 406334 | 614817  | 43.72% | 5.340% |
| 44 | 17.603 | 2413 | 2420 | 2429 | rVV2 | 733096 | 1120269 | 79.66% | 9.730% |
| 45 | 17.803 | 2451 | 2454 | 2456 | rVB3 | 1714   | 1778    | 0.13%  | 0.015% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 46 | 17.874 | 2464 | 2466 | 2469 | rVB3 | 2307 | 1868 | 0.13% | 0.016% |
| 47 | 17.903 | 2469 | 2471 | 2475 | rBV5 | 1551 | 2156 | 0.15% | 0.019% |
| 48 | 17.997 | 2484 | 2487 | 2489 | rVB2 | 3304 | 3171 | 0.23% | 0.028% |
| 49 | 18.015 | 2489 | 2490 | 2494 | rBV3 | 1686 | 2128 | 0.15% | 0.018% |
| 50 | 18.167 | 2512 | 2516 | 2518 | rVB3 | 2203 | 1935 | 0.14% | 0.017% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 51 | 18.232 | 2525 | 2527 | 2530 | rVB3 | 2382 | 1836 | 0.13% | 0.016% |
| 52 | 18.297 | 2536 | 2538 | 2540 | rVB3 | 1755 | 1422 | 0.10% | 0.012% |
| 53 | 18.355 | 2544 | 2548 | 2549 | rBV2 | 3156 | 3067 | 0.22% | 0.027% |
| 54 | 18.385 | 2550 | 2553 | 2555 | rVV4 | 3502 | 3600 | 0.26% | 0.031% |
| 55 | 18.449 | 2562 | 2564 | 2566 | rBV2 | 2732 | 3199 | 0.23% | 0.028% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 56 | 18.567 | 2582 | 2584 | 2586 | rBV3 | 2219 | 2294 | 0.16% | 0.020% |
| 57 | 18.637 | 2595 | 2596 | 2599 | rVB3 | 2149 | 1855 | 0.13% | 0.016% |
| 58 | 18.672 | 2599 | 2602 | 2603 | rBV3 | 3350 | 2937 | 0.21% | 0.026% |
| 59 | 18.731 | 2610 | 2612 | 2614 | rBV3 | 1995 | 1706 | 0.12% | 0.015% |
| 60 | 18.878 | 2634 | 2637 | 2640 | rBV4 | 3291 | 4160 | 0.30% | 0.036% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 61 | 18.937 | 2645 | 2647 | 2648 | rBV2 | 1944 | 1507 | 0.11% | 0.013% |
| 62 | 19.131 | 2679 | 2680 | 2682 | rBV2 | 2507 | 1753 | 0.12% | 0.015% |
| 63 | 19.148 | 2682 | 2683 | 2687 | rVV4 | 2140 | 2579 | 0.18% | 0.022% |
| 64 | 19.195 | 2689 | 2691 | 2693 | rBV3 | 1415 | 1418 | 0.10% | 0.012% |
| 65 | 19.395 | 2724 | 2725 | 2729 | rBV3 | 2609 | 2074 | 0.15% | 0.018% |

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 66 | 19.454 | 2729 | 2735 | 2739 | rBV5 | 11717  | 20783   | 1.48%  | 0.181%  |
| 67 | 19.518 | 2743 | 2746 | 2751 | rVV  | 10955  | 16541   | 1.18%  | 0.144%  |
| 68 | 19.648 | 2764 | 2768 | 2772 | rBV7 | 7220   | 10490   | 0.75%  | 0.091%  |
| 69 | 19.789 | 2791 | 2792 | 2798 | rBV6 | 3396   | 5742    | 0.41%  | 0.050%  |
| 70 | 19.883 | 2802 | 2808 | 2817 | rBV  | 934614 | 1392800 | 99.04% | 12.097% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 71 | 19.971 | 2819 | 2823 | 2824 | rBV3 | 3756 | 3433 | 0.24% | 0.030% |
| 72 | 20.053 | 2834 | 2837 | 2840 | rBV5 | 2723 | 4364 | 0.31% | 0.038% |
| 73 | 20.558 | 2921 | 2923 | 2924 | rBV2 | 3241 | 2155 | 0.15% | 0.019% |
| 74 | 20.834 | 2968 | 2970 | 2971 | rBV2 | 3112 | 1464 | 0.10% | 0.013% |
| 75 | 21.504 | 3083 | 3084 | 3087 | rBV3 | 4275 | 3199 | 0.23% | 0.028% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 76 | 21.668 | 3109 | 3112 | 3117 | rVB3 | 21462 | 29339 | 2.09% | 0.255% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

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 EW5Z9

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-BG031822.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 77 | 21.792 | 3126 | 3133 | 3140 | rVB  | 420584 | 722976  | 51.41%  | 6.279%  |
| 78 | 21.986 | 3164 | 3166 | 3169 | rBV4 | 3618   | 3151    | 0.22%   | 0.027%  |
| 79 | 22.673 | 3281 | 3283 | 3284 | rBV  | 3902   | 1847    | 0.13%   | 0.016%  |
| 80 | 22.820 | 3306 | 3308 | 3311 | rBV3 | 3970   | 3782    | 0.27%   | 0.033%  |
| 81 | 23.701 | 3457 | 3458 | 3459 | rBV  | 3797   | 1516    | 0.11%   | 0.013%  |
| 82 | 23.954 | 3499 | 3501 | 3504 | rBV4 | 5224   | 5457    | 0.39%   | 0.047%  |
| 83 | 24.171 | 3533 | 3538 | 3543 | rBV9 | 8006   | 16766   | 1.19%   | 0.146%  |
| 84 | 24.882 | 3648 | 3659 | 3675 | rVB2 | 487177 | 1406357 | 100.00% | 12.214% |
| 85 | 25.105 | 3686 | 3697 | 3711 | rBV2 | 240010 | 743575  | 52.87%  | 6.458%  |
| 86 | 25.516 | 3765 | 3767 | 3769 | rBV2 | 3699   | 3047    | 0.22%   | 0.026%  |
| 87 | 28.095 | 4204 | 4206 | 4208 | rBV3 | 4350   | 4992    | 0.35%   | 0.043%  |
| 88 | 29.317 | 4412 | 4414 | 4415 | rBV2 | 3738   | 2950    | 0.21%   | 0.026%  |
| 89 | 29.540 | 4450 | 4452 | 4456 | rVB4 | 5214   | 4860    | 0.35%   | 0.042%  |
| 90 | 29.669 | 4472 | 4474 | 4475 | rBV2 | 3278   | 1751    | 0.12%   | 0.015%  |
| 91 | 30.674 | 4643 | 4645 | 4648 | rBV4 | 4243   | 4642    | 0.33%   | 0.040%  |
| 92 | 31.725 | 4822 | 4824 | 4827 | rBV4 | 3674   | 3961    | 0.28%   | 0.034%  |
| 93 | 32.101 | 4886 | 4888 | 4889 | rBV2 | 7786   | 4863    | 0.35%   | 0.042%  |
| 94 | 32.507 | 4955 | 4957 | 4958 | rBV2 | 4074   | 1693    | 0.12%   | 0.015%  |

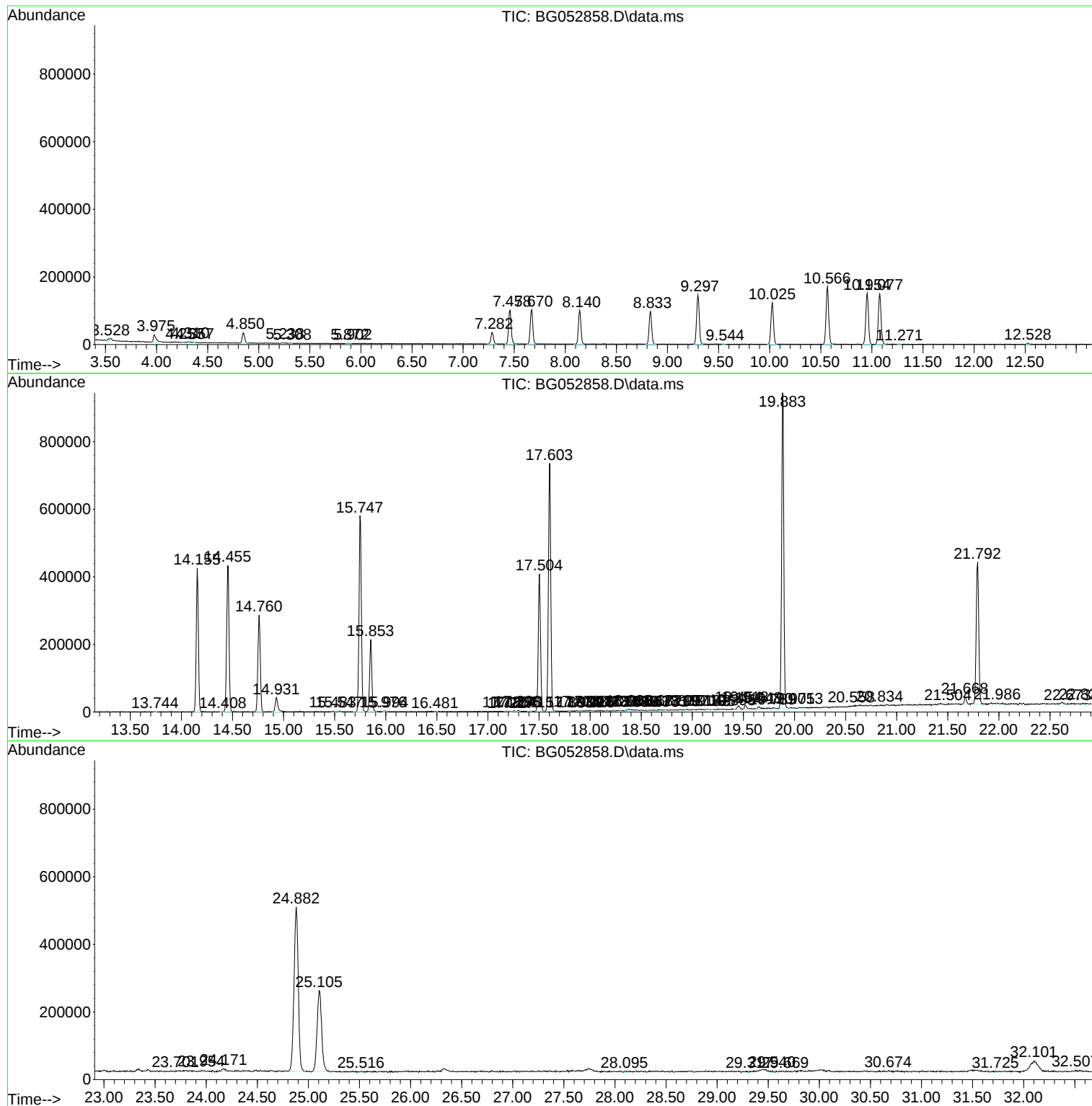
Sum of corrected areas: 11514005

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG031822.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG032522\  
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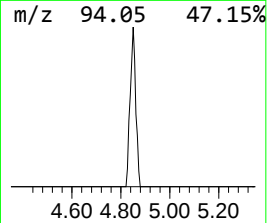
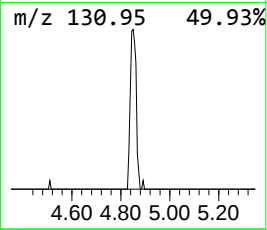
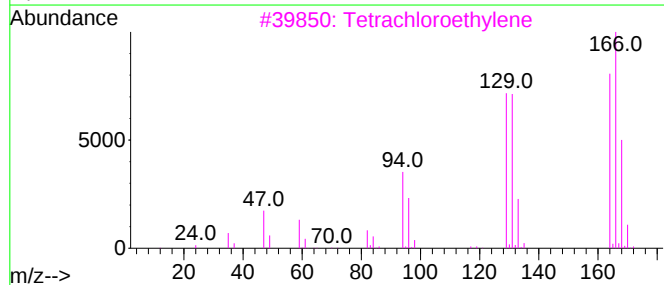
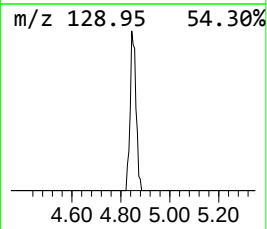
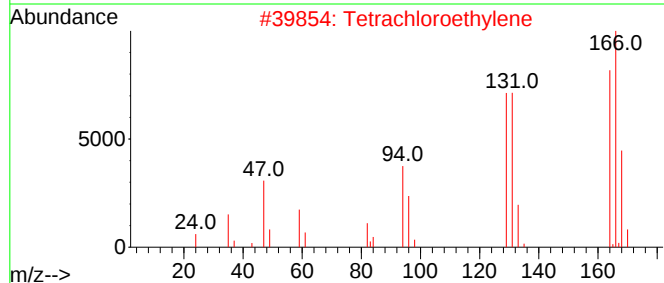
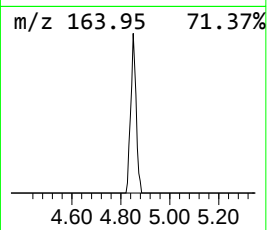
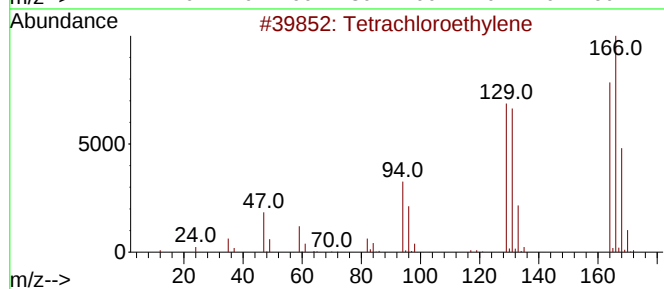
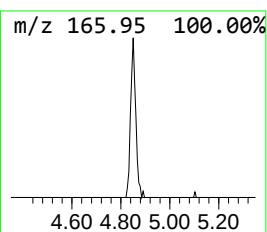
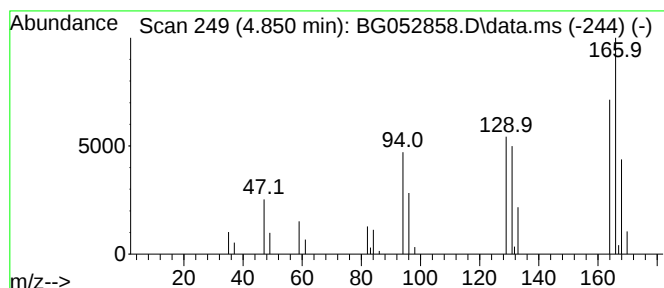
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG031822.M  
Quant Title : SVOA CALIBRATION

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.  |
|-------|------------|-------|------------------------|-------|
| 4.850 | 6.16 ng/ul | 52724 | 1,4-Dichlorobenzene-d4 | 8.140 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm   | CAS#        | Qual |
|------|----|---|------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 96   |
| 2    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 96   |
| 3    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 93   |
| 4    |    |   | Tetrachloroethylene                | 164 | C2Cl4     | 000127-18-4 | 93   |
| 5    |    |   | Pyrimidine, 5-fluoro-2,4-dichloro- | 166 | C4HC12FN2 | 002927-71-1 | 46   |



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TIC Library : C:\DATABASE\NIST20.L  
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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Tetrachloroethy... | 4.850 | 6.2     | ng/ul | 52724    | 1                     | 8.140 | 171166 | 20.0 |