

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060324\  
 Data File : BG061422.D  
 Acq On : 3 Jun 2024 14:02  
 Operator : MA/JU  
 Sample : P2588-14DL 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BH6D9DL

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-BG052124.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG061422.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         | 3.037       | 4             | 8           | 10           | rBV      | 12119          | 16000         | 1.52%           | 0.151%        |
| 2         | 3.078       | 10            | 15          | 33           | rVB      | 351134         | 611266        | 57.97%          | 5.771%        |
| 3         | 3.748       | 125           | 129         | 138          | rVV4     | 10762          | 18995         | 1.80%           | 0.179%        |
| 4         | 3.853       | 143           | 147         | 154          | rVV2     | 17158          | 22576         | 2.14%           | 0.213%        |
| 5         | 7.061       | 685           | 693         | 701          | rVB2     | 19842          | 33640         | 3.19%           | 0.318%        |
| 6         | 7.202       | 711           | 717         | 724          | rVB2     | 13486          | 22090         | 2.10%           | 0.209%        |
| 7         | 7.414       | 747           | 753         | 760          | rBV      | 19034          | 30178         | 2.86%           | 0.285%        |
| 8         | 7.872       | 824           | 831         | 838          | rVB2     | 102225         | 166263        | 15.77%          | 1.570%        |
| 9         | 8.595       | 946           | 954         | 961          | rBV4     | 10948          | 19176         | 1.82%           | 0.181%        |
| 10        | 9.030       | 1022          | 1028        | 1035         | rBV3     | 18083          | 32825         | 3.11%           | 0.310%        |
| 11        | 9.752       | 1146          | 1151        | 1159         | rVB3     | 16087          | 27150         | 2.57%           | 0.256%        |
| 12        | 10.305      | 1239          | 1245        | 1253         | rBV2     | 21229          | 39191         | 3.72%           | 0.370%        |
| 13        | 10.669      | 1298          | 1307        | 1314         | rBV      | 132951         | 236648        | 22.44%          | 2.234%        |
| 14        | 10.810      | 1325          | 1331        | 1337         | rVB3     | 6402           | 11189         | 1.06%           | 0.106%        |
| 15        | 13.824      | 1840          | 1844        | 1850         | rVB2     | 4104           | 6441          | 0.61%           | 0.061%        |
| 16        | 13.912      | 1850          | 1859        | 1865         | rBV      | 53963          | 76493         | 7.25%           | 0.722%        |
| 17        | 14.200      | 1899          | 1908        | 1919         | rBV      | 58766          | 92712         | 8.79%           | 0.875%        |
| 18        | 14.506      | 1954          | 1960        | 1967         | rVV      | 244899         | 369162        | 35.01%          | 3.485%        |
| 19        | 14.570      | 1967          | 1971        | 1978         | rVB3     | 6960           | 11821         | 1.12%           | 0.112%        |
| 20        | 14.770      | 2000          | 2005        | 2010         | rVV4     | 6461           | 12856         | 1.22%           | 0.121%        |
| 21        | 14.911      | 2025          | 2029        | 2034         | rVB2     | 9250           | 13043         | 1.24%           | 0.123%        |
| 22        | 15.505      | 2121          | 2130        | 2135         | rVV      | 76299          | 115847        | 10.99%          | 1.094%        |
| 23        | 15.557      | 2135          | 2139        | 2145         | rVB      | 18102          | 25969         | 2.46%           | 0.245%        |
| 24        | 15.657      | 2150          | 2156        | 2158         | rBV2     | 5153           | 6624          | 0.63%           | 0.063%        |
| 25        | 15.851      | 2185          | 2189        | 2195         | rVB2     | 6663           | 10749         | 1.02%           | 0.101%        |
| 26        | 16.004      | 2210          | 2215        | 2221         | rBV3     | 6816           | 13835         | 1.31%           | 0.131%        |
| 27        | 16.239      | 2248          | 2255        | 2258         | rBV4     | 3166           | 6974          | 0.66%           | 0.066%        |
| 28        | 16.568      | 2302          | 2311        | 2315         | rVV5     | 5999           | 11653         | 1.11%           | 0.110%        |
| 29        | 16.797      | 2342          | 2350        | 2353         | rBV4     | 4480           | 8052          | 0.76%           | 0.076%        |
| 30        | 16.915      | 2365          | 2370        | 2376         | rVV2     | 20639          | 31285         | 2.97%           | 0.295%        |
| 31        | 16.991      | 2379          | 2383        | 2390         | rBV5     | 6007           | 11409         | 1.08%           | 0.108%        |
| 32        | 17.073      | 2392          | 2397        | 2402         | rVV      | 10913          | 15893         | 1.51%           | 0.150%        |
| 33        | 17.255      | 2422          | 2428        | 2432         | rBV      | 340049         | 516973        | 49.03%          | 4.881%        |
| 34        | 17.302      | 2432          | 2436        | 2441         | rVV      | 273142         | 394207        | 37.39%          | 3.722%        |
| 35        | 17.355      | 2441          | 2445        | 2449         | rVV      | 96249          | 138476        | 13.13%          | 1.307%        |
| 36        | 17.391      | 2449          | 2451        | 2456         | rVB2     | 27546          | 31939         | 3.03%           | 0.302%        |

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Sample : P2588-14DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH6D9DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 17.449 | 2456 | 2461 | 2466 | rBV4 | 4128   | 6841   | 0.65%  | 0.065% |
| 38 | 17.661 | 2488 | 2497 | 2502 | rBV3 | 19141  | 37627  | 3.57%  | 0.355% |
| 39 | 17.778 | 2514 | 2517 | 2521 | rVB3 | 7450   | 8958   | 0.85%  | 0.085% |
| 40 | 17.843 | 2524 | 2528 | 2531 | rBV3 | 9096   | 12657  | 1.20%  | 0.119% |
| 41 | 18.054 | 2560 | 2564 | 2568 | rVB4 | 5258   | 6742   | 0.64%  | 0.064% |
| 42 | 18.137 | 2568 | 2578 | 2582 | rBV  | 40734  | 64520  | 6.12%  | 0.609% |
| 43 | 18.184 | 2582 | 2586 | 2590 | rVB  | 56282  | 75657  | 7.18%  | 0.714% |
| 44 | 18.260 | 2596 | 2599 | 2604 | rVB3 | 8817   | 13258  | 1.26%  | 0.125% |
| 45 | 18.325 | 2604 | 2610 | 2615 | rBV2 | 52531  | 96525  | 9.15%  | 0.911% |
| 46 | 18.366 | 2615 | 2617 | 2625 | rVB  | 29641  | 39315  | 3.73%  | 0.371% |
| 47 | 18.448 | 2625 | 2631 | 2634 | rBV7 | 4831   | 8899   | 0.84%  | 0.084% |
| 48 | 18.530 | 2641 | 2645 | 2648 | rVB4 | 4283   | 6659   | 0.63%  | 0.063% |
| 49 | 18.572 | 2648 | 2652 | 2658 | rBV7 | 4134   | 8874   | 0.84%  | 0.084% |
| 50 | 18.636 | 2658 | 2663 | 2666 | rBV2 | 32989  | 45458  | 4.31%  | 0.429% |
| 51 | 18.683 | 2666 | 2671 | 2677 | rVB  | 65749  | 96223  | 9.13%  | 0.908% |
| 52 | 18.883 | 2701 | 2705 | 2708 | rBV5 | 10025  | 13843  | 1.31%  | 0.131% |
| 53 | 18.930 | 2710 | 2713 | 2717 | rVB2 | 12525  | 13927  | 1.32%  | 0.131% |
| 54 | 18.971 | 2717 | 2720 | 2725 | rVB3 | 10931  | 13782  | 1.31%  | 0.130% |
| 55 | 19.053 | 2725 | 2734 | 2735 | rBV6 | 25768  | 38175  | 3.62%  | 0.360% |
| 56 | 19.118 | 2741 | 2745 | 2747 | rVV3 | 7603   | 10586  | 1.00%  | 0.100% |
| 57 | 19.147 | 2747 | 2750 | 2753 | rVB2 | 10780  | 10841  | 1.03%  | 0.102% |
| 58 | 19.194 | 2754 | 2758 | 2766 | rVB2 | 37058  | 59574  | 5.65%  | 0.562% |
| 59 | 19.318 | 2773 | 2779 | 2785 | rVB  | 545098 | 720119 | 68.30% | 6.798% |
| 60 | 19.376 | 2785 | 2789 | 2791 | rBV3 | 10444  | 12431  | 1.18%  | 0.117% |
| 61 | 19.418 | 2792 | 2796 | 2801 | rVB3 | 15869  | 21519  | 2.04%  | 0.203% |
| 62 | 19.470 | 2801 | 2805 | 2807 | rBV3 | 13370  | 18631  | 1.77%  | 0.176% |
| 63 | 19.517 | 2808 | 2813 | 2817 | rBV4 | 15875  | 27875  | 2.64%  | 0.263% |
| 64 | 19.564 | 2817 | 2821 | 2825 | rVB  | 10839  | 17393  | 1.65%  | 0.164% |
| 65 | 19.653 | 2830 | 2836 | 2838 | rBV2 | 202439 | 327302 | 31.04% | 3.090% |
| 66 | 19.682 | 2838 | 2841 | 2848 | rVB  | 411955 | 565906 | 53.67% | 5.342% |
| 67 | 19.752 | 2848 | 2853 | 2859 | rBV2 | 28554  | 44242  | 4.20%  | 0.418% |
| 68 | 19.858 | 2865 | 2871 | 2876 | rBV  | 31937  | 50661  | 4.80%  | 0.478% |
| 69 | 19.923 | 2878 | 2882 | 2889 | rVB3 | 23822  | 37146  | 3.52%  | 0.351% |
| 70 | 20.017 | 2891 | 2898 | 2902 | rBV5 | 36933  | 94560  | 8.97%  | 0.893% |
| 71 | 20.134 | 2914 | 2918 | 2921 | rBV5 | 30935  | 55946  | 5.31%  | 0.528% |
| 72 | 20.176 | 2922 | 2925 | 2931 | rVB2 | 50120  | 70485  | 6.68%  | 0.665% |
| 73 | 20.275 | 2938 | 2942 | 2945 | rBV2 | 23469  | 28034  | 2.66%  | 0.265% |
| 74 | 20.334 | 2945 | 2952 | 2956 | rBV2 | 47983  | 84011  | 7.97%  | 0.793% |
| 75 | 20.411 | 2962 | 2965 | 2970 | rBV5 | 10307  | 12078  | 1.15%  | 0.114% |
| 76 | 20.469 | 2972 | 2975 | 2979 | rVV  | 25088  | 33930  | 3.22%  | 0.320% |

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 Sample : P2588-14DL 5X  
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BH6D9DL

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-BG052124.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |         |        |
|-----|--------|------|------|------|------|--------|---------|---------|--------|
| 77  | 20.516 | 2979 | 2983 | 2987 | rVB2 | 27746  | 43448   | 4.12%   | 0.410% |
| 78  | 20.728 | 3016 | 3019 | 3022 | rBV4 | 11494  | 16762   | 1.59%   | 0.158% |
| 79  | 20.928 | 3049 | 3053 | 3057 | rBV  | 73463  | 102891  | 9.76%   | 0.971% |
| 80  | 21.104 | 3077 | 3083 | 3086 | rBV2 | 41392  | 85948   | 8.15%   | 0.811% |
| 81  | 21.145 | 3086 | 3090 | 3093 | rVV  | 46202  | 72691   | 6.89%   | 0.686% |
| 82  | 21.198 | 3094 | 3099 | 3104 | rVV2 | 56012  | 129436  | 12.28%  | 1.222% |
| 83  | 21.251 | 3104 | 3108 | 3116 | rVB  | 67814  | 126995  | 12.04%  | 1.199% |
| 84  | 21.403 | 3131 | 3134 | 3139 | rVB  | 55339  | 79335   | 7.52%   | 0.749% |
| 85  | 21.456 | 3139 | 3143 | 3144 | rBV3 | 11383  | 15640   | 1.48%   | 0.148% |
| 86  | 21.509 | 3144 | 3152 | 3157 | rVV3 | 478209 | 1054406 | 100.00% | 9.954% |
| 87  | 21.556 | 3157 | 3160 | 3172 | rVB  | 236478 | 381791  | 36.21%  | 3.604% |
| 88  | 21.639 | 3172 | 3174 | 3175 | rBV2 | 8713   | 6926    | 0.66%   | 0.065% |
| 89  | 21.703 | 3182 | 3185 | 3190 | rBV6 | 22272  | 33118   | 3.14%   | 0.313% |
| 90  | 21.774 | 3193 | 3197 | 3202 | rVV3 | 23821  | 38677   | 3.67%   | 0.365% |
| 91  | 21.909 | 3216 | 3220 | 3225 | rVB4 | 30442  | 51698   | 4.90%   | 0.488% |
| 92  | 22.214 | 3269 | 3272 | 3278 | rVB4 | 38783  | 67822   | 6.43%   | 0.640% |
| 93  | 22.291 | 3281 | 3285 | 3291 | rVB5 | 34762  | 67894   | 6.44%   | 0.641% |
| 94  | 22.473 | 3314 | 3316 | 3321 | rBV5 | 13273  | 14819   | 1.41%   | 0.140% |
| 95  | 23.624 | 3505 | 3512 | 3520 | rBV2 | 158505 | 498631  | 47.29%  | 4.707% |
| 96  | 24.312 | 3623 | 3629 | 3635 | rBV2 | 66683  | 167228  | 15.86%  | 1.579% |
| 97  | 24.388 | 3637 | 3642 | 3647 | rVV2 | 69160  | 162503  | 15.41%  | 1.534% |
| 98  | 24.447 | 3647 | 3652 | 3663 | rVB2 | 112600 | 299784  | 28.43%  | 2.830% |
| 99  | 24.600 | 3668 | 3678 | 3685 | rBV  | 273334 | 731522  | 69.38%  | 6.906% |
| 100 | 28.096 | 4265 | 4273 | 4288 | rVB2 | 51539  | 221782  | 21.03%  | 2.094% |

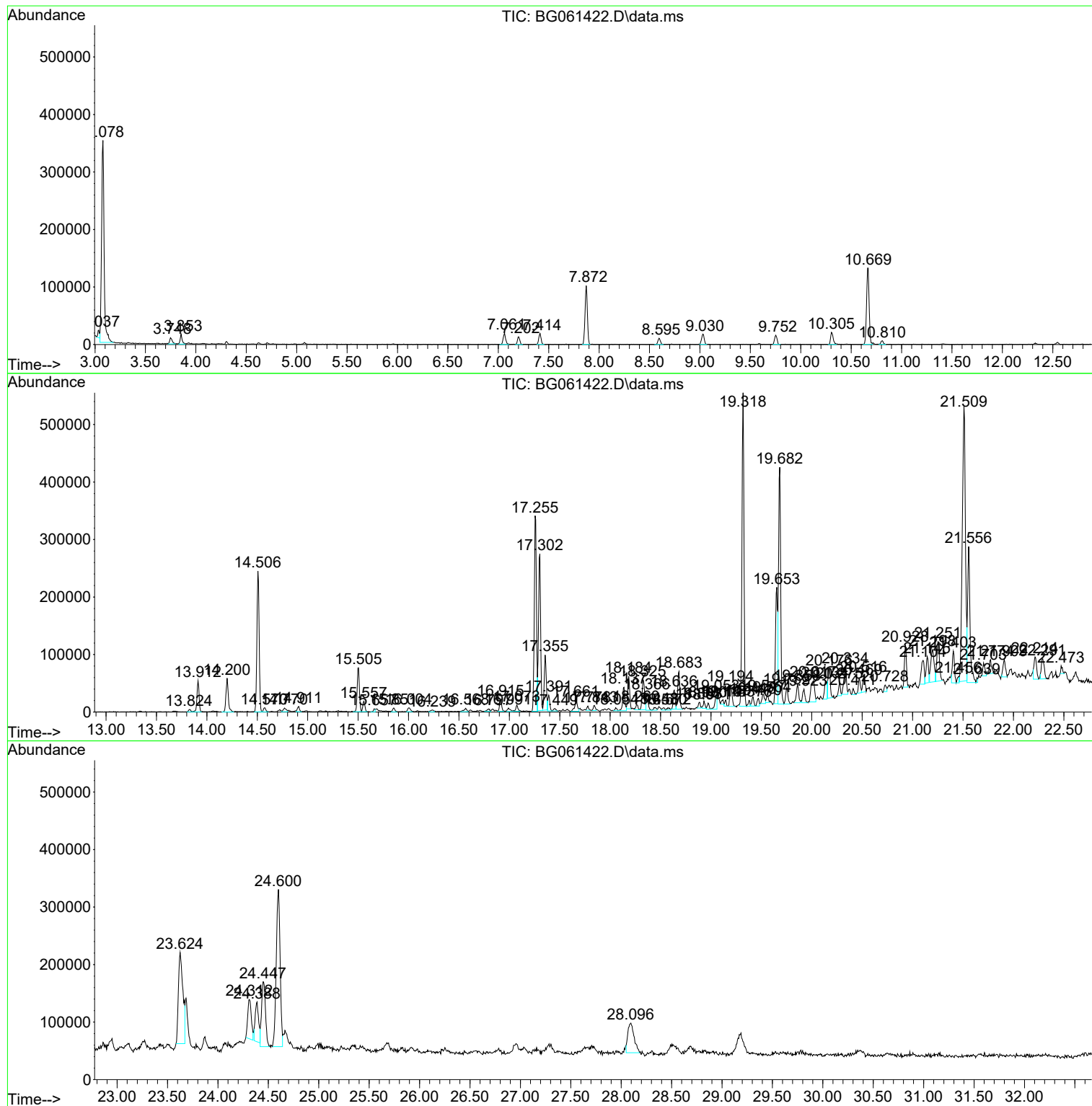
Sum of corrected areas: 10592557

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060324\  
Data File : BG061422.D  
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Sample : P2588-14DL 5X  
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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH6D9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.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\BG060324\  
Data File : BG061422.D  
Acq On : 3 Jun 2024 14:02  
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Sample : P2588-14DL 5X  
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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
BH6D9DL

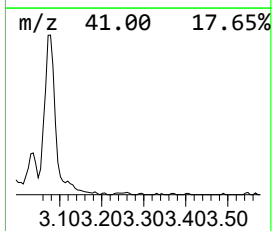
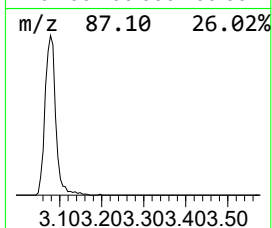
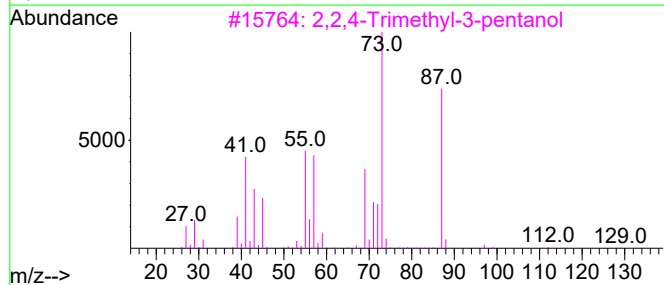
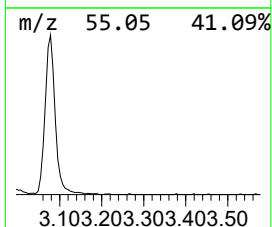
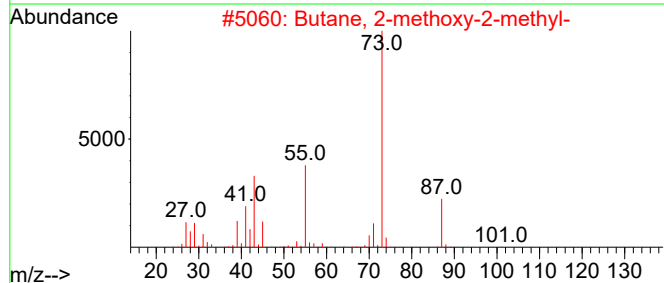
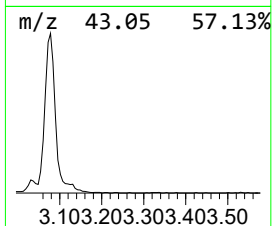
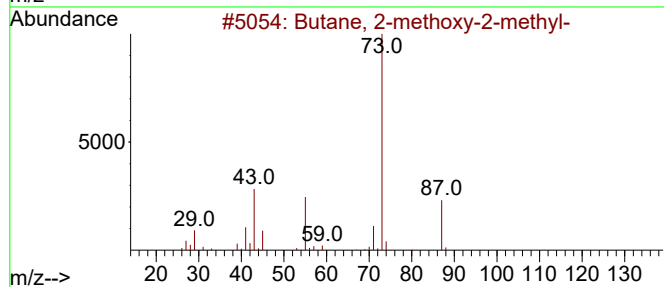
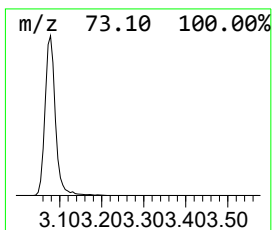
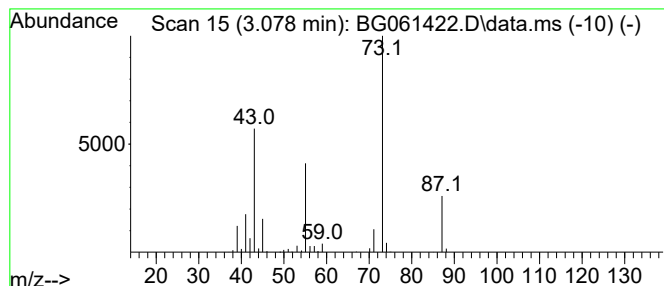
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 3.078 | 73.53 ng/ul | 611266 | 1,4-Dichlorobenzene-d4 | 7.872 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 38   |
| 4    |    |   | 3-Pentanol, 3-methyl-       | 102 | C6H14O  | 000077-74-7 | 17   |
| 5    |    |   | Acetic acid, (acetyloxy)-   | 118 | C4H6O4  | 013831-30-6 | 12   |



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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH6D9DL

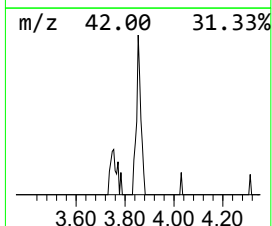
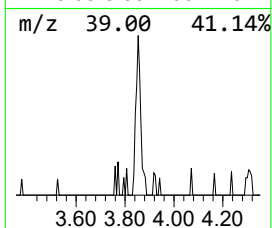
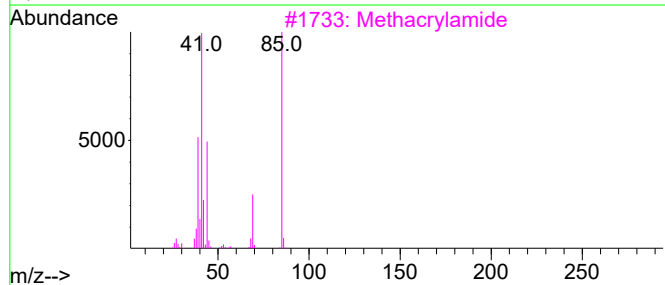
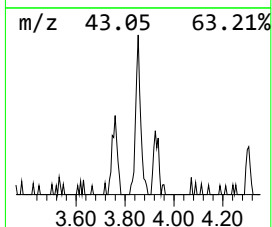
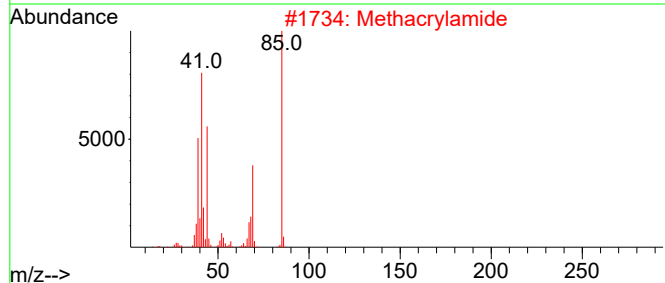
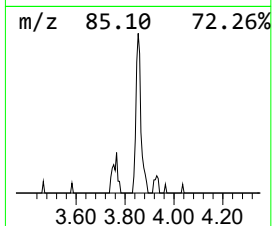
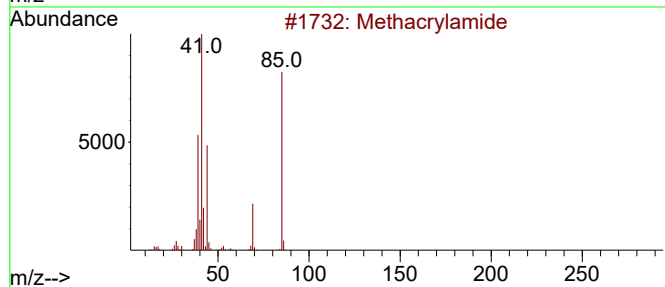
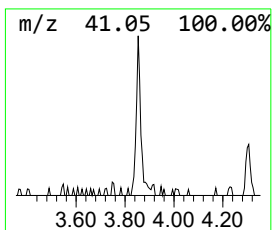
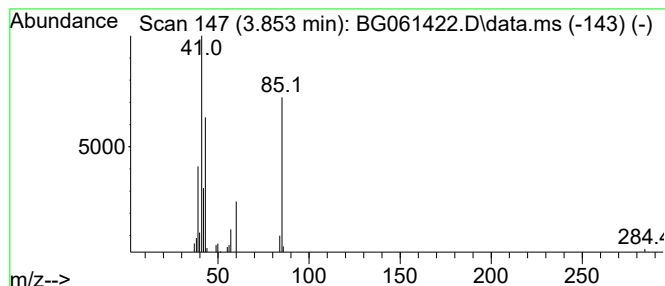
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 unknown-01 Concentration Rank 6

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 3.853 | 2.72 ng/ul | 22576 | 1,4-Dichlorobenzene-d4 | 7.872 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-----------------------------|-----|----------|-------------|------|
| 1    |    |   | Methacrylamide              | 85  | C4H7NO   | 000079-39-0 | 47   |
| 2    |    |   | Methacrylamide              | 85  | C4H7NO   | 000079-39-0 | 47   |
| 3    |    |   | Methacrylamide              | 85  | C4H7NO   | 000079-39-0 | 47   |
| 4    |    |   | trans-Crotonamide           | 85  | C4H7NO   | 000625-37-6 | 38   |
| 5    |    |   | 2-(Bromomethyl)acrylic acid | 164 | C4H5BrO2 | 072707-66-5 | 37   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060324\  
Data File : BG061422.D  
Acq On : 3 Jun 2024 14:02  
Operator : MA/JU  
Sample : P2588-14DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH6D9DL

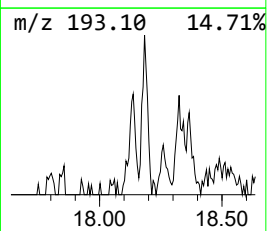
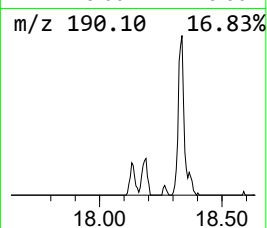
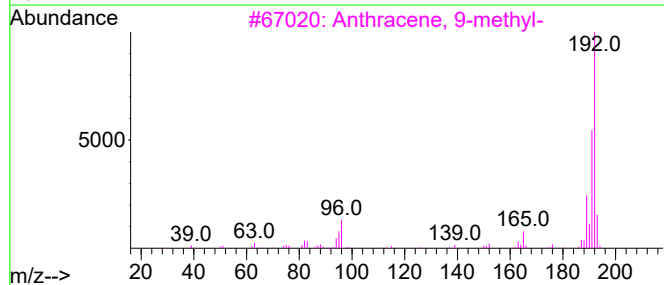
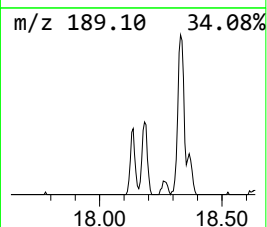
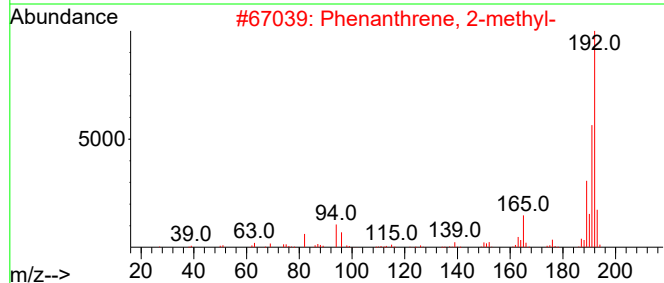
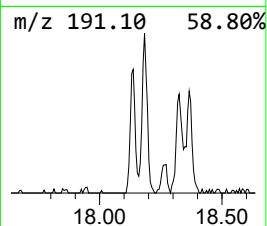
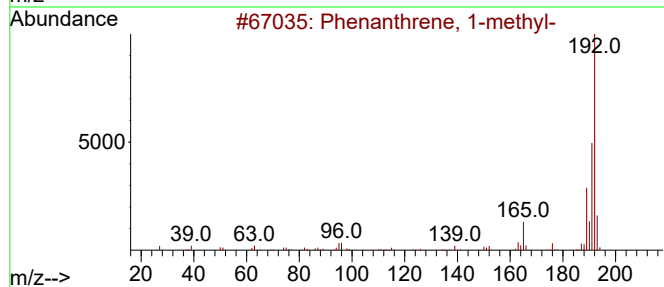
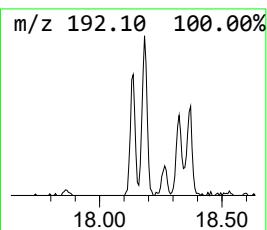
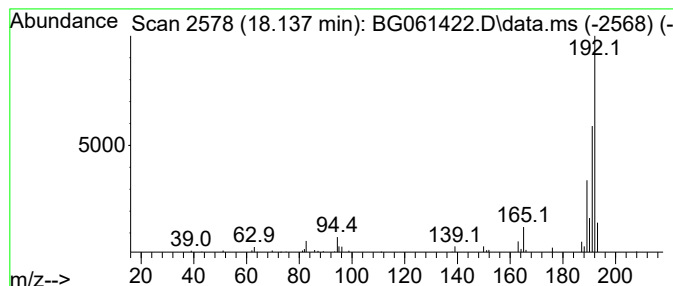
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.137 | 2.50 ng/ul | 64520 | Phenanthrene-d10 | 17.255 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 96   |
| 2    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 95   |
| 3    |    |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 91   |
| 4    |    |   | Phenanthrene, 4-methyl- | 192 | C15H12  | 000832-64-4 | 91   |
| 5    |    |   | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060324\  
Data File : BG061422.D  
Acq On : 3 Jun 2024 14:02  
Operator : MA/JU  
Sample : P2588-14DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH6D9DL

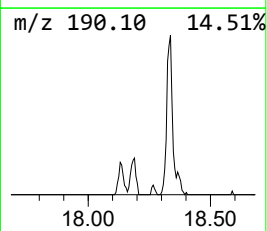
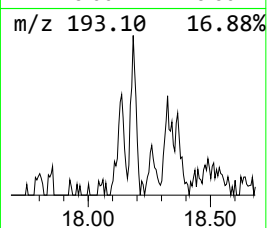
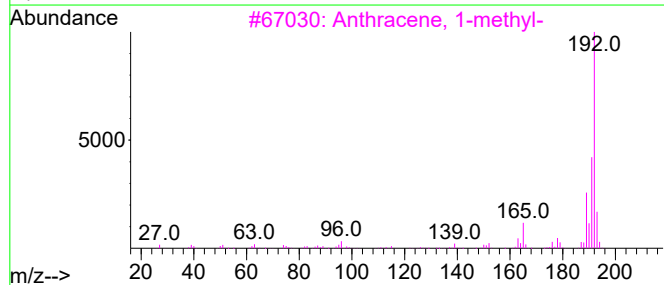
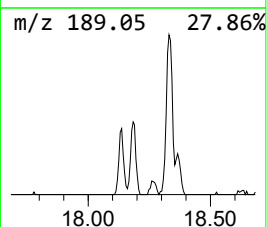
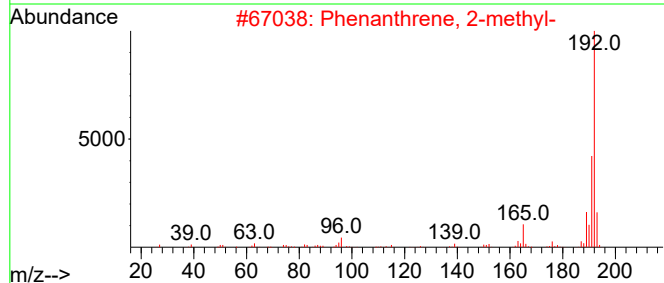
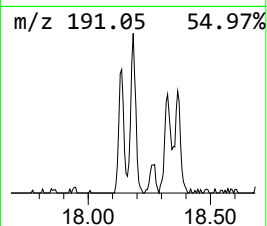
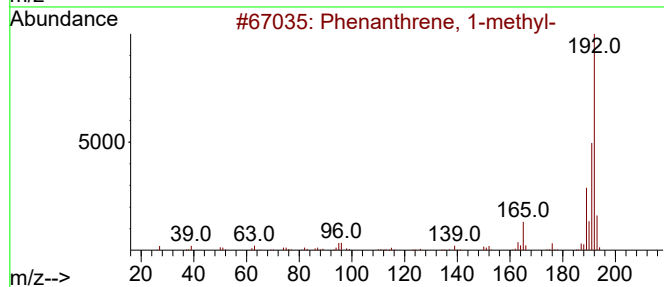
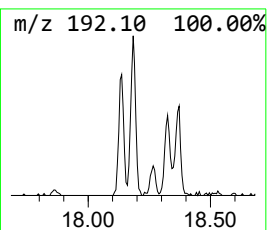
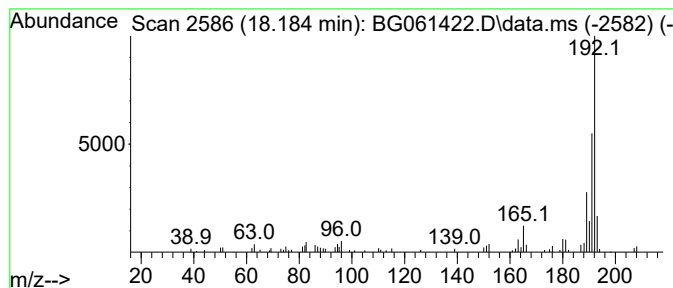
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.184 | 2.93 ng/ul | 75657 | Phenanthrene-d10 | 17.255 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 96   |
| 2    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 94   |
| 3    |    |   | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 94   |
| 4    |    |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 94   |
| 5    |    |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 94   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060324\  
Data File : BG061422.D  
Acq On : 3 Jun 2024 14:02  
Operator : MA/JU  
Sample : P2588-14DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

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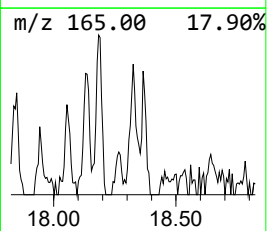
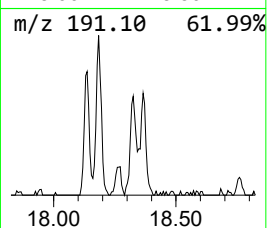
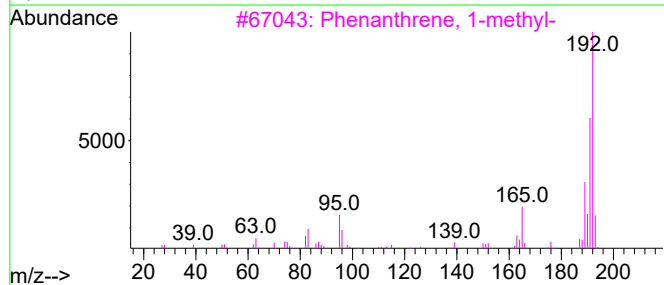
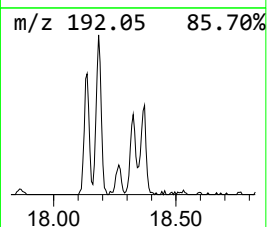
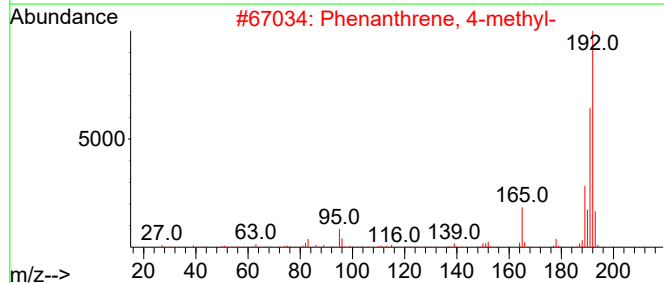
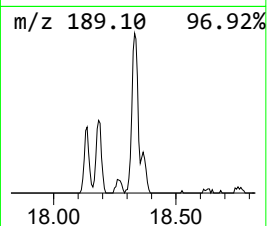
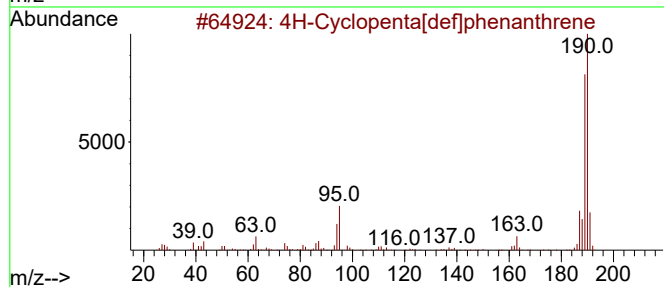
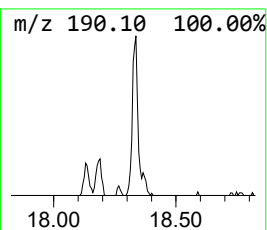
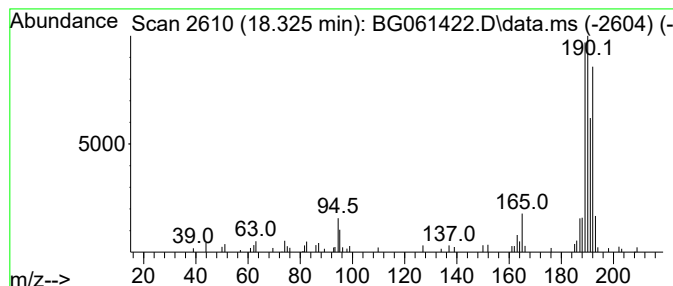
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.325 | 3.73 ng/ul | 96525 | Phenanthrene-d10 | 17.255 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10  | 000203-64-5 | 55   |
| 2    |    |   | Phenanthrene, 4-methyl-        | 192 | C15H12  | 000832-64-4 | 46   |
| 3    |    |   | Phenanthrene, 1-methyl-        | 192 | C15H12  | 000832-69-9 | 46   |
| 4    |    |   | Phenanthrene, 4-methyl-        | 192 | C15H12  | 000832-64-4 | 46   |
| 5    |    |   | Anthracene, 1-methyl-          | 192 | C15H12  | 000610-48-0 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060324\  
Data File : BG061422.D  
Acq On : 3 Jun 2024 14:02  
Operator : MA/JU  
Sample : P2588-14DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

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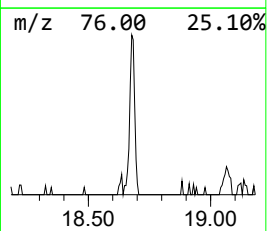
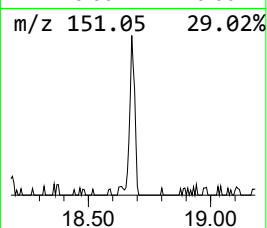
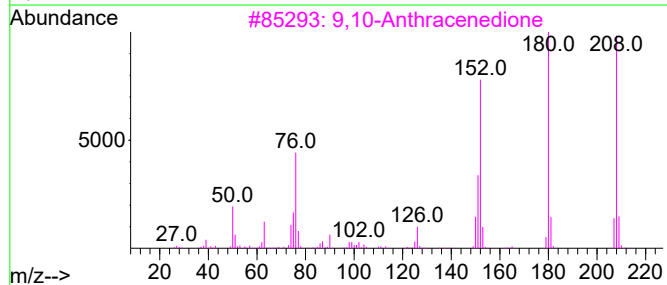
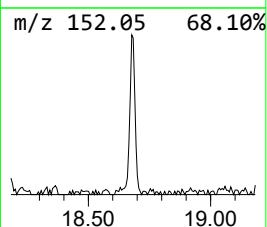
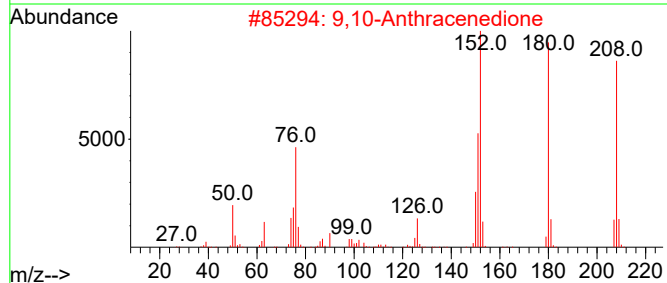
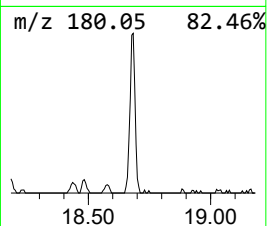
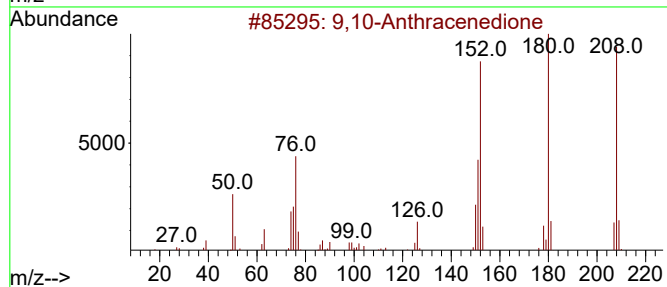
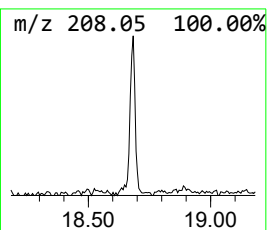
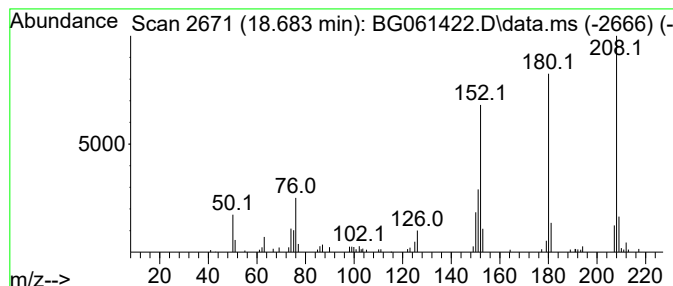
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 9,10-Anthracenedione Concentration Rank 4

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.683 | 3.72 ng/ul | 96223 | Phenanthrene-d10 | 17.255 |

| Hit# | of                   | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----------------------|---|--------------|-----|---------|-------------|------|
| 1    | 9,10-Anthracenedione |   |              | 208 | C14H8O2 | 000084-65-1 | 98   |
| 2    | 9,10-Anthracenedione |   |              | 208 | C14H8O2 | 000084-65-1 | 97   |
| 3    | 9,10-Anthracenedione |   |              | 208 | C14H8O2 | 000084-65-1 | 94   |
| 4    | 9,10-Anthracenedione |   |              | 208 | C14H8O2 | 000084-65-1 | 94   |
| 5    | Benzo[c]cinnoline    |   |              | 180 | C12H8N2 | 000230-17-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060324\  
Data File : BG061422.D  
Acq On : 3 Jun 2024 14:02  
Operator : MA/JU  
Sample : P2588-14DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

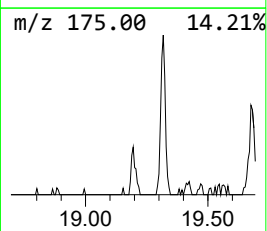
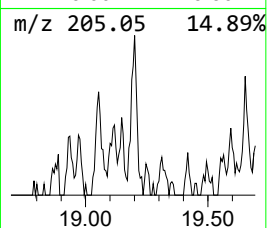
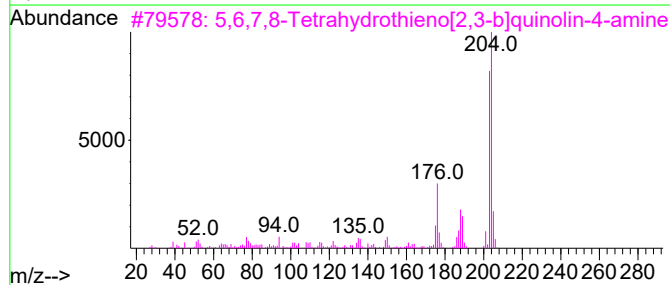
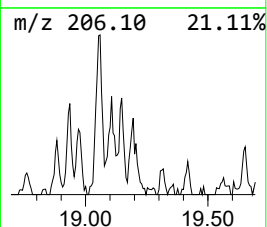
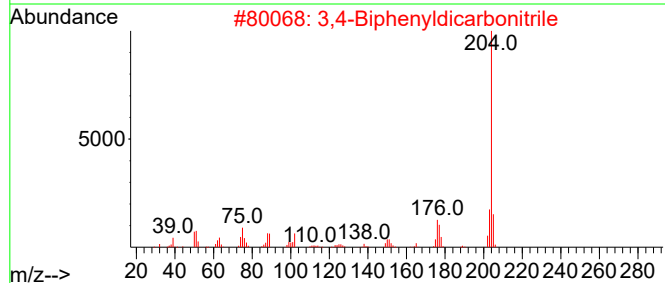
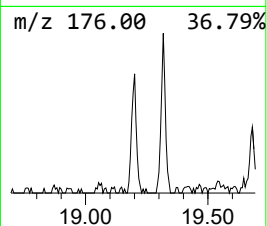
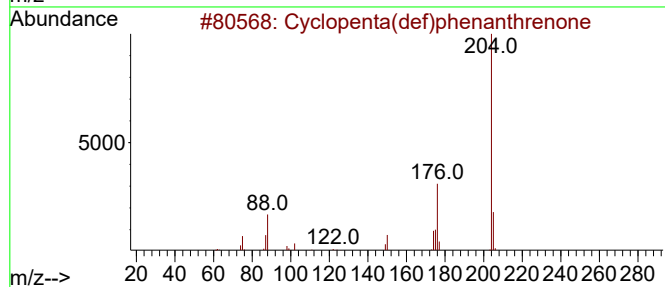
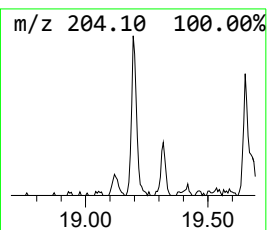
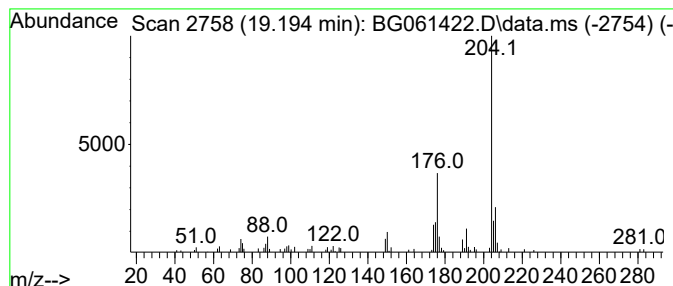
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BNA\_G  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 10

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 19.194    | 2.30 ng/ul                          | 59574 | Phenanthrene-d10 | 17.255       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | Cyclopenta(def)phenanthrenone       | 204   | C15H8O           | 005737-13-3  | 81   |
| 2         | 3,4-Biphenyldicarbonitrile          | 204   | C14H8N2          | 004128-63-6  | 59   |
| 3         | 5,6,7,8-Tetrahydrothieno[2,3-b]q... | 204   | C11H12N2S        | 122914-50-5  | 59   |
| 4         | N-(4-Chloro-phenyl)-2-(3,4-dihyd... | 330   | C17H15ClN2OS     | 1010296-34-3 | 50   |
| 5         | L-Rhamnose, (R,R,S,S)-, 4TMS der... | 452   | C18H44O5Si4      | 108392-01-4  | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060324\  
Data File : BG061422.D  
Acq On : 3 Jun 2024 14:02  
Operator : MA/JU  
Sample : P2588-14DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

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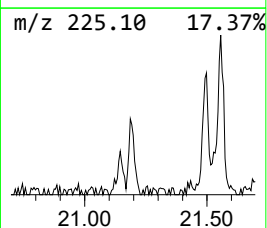
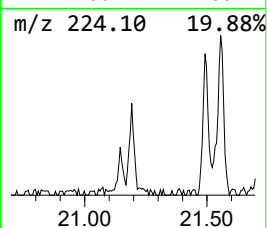
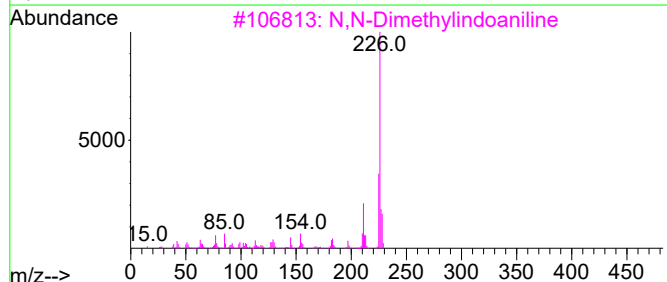
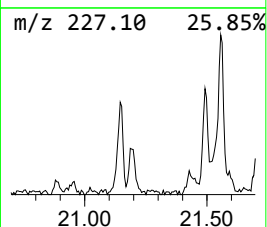
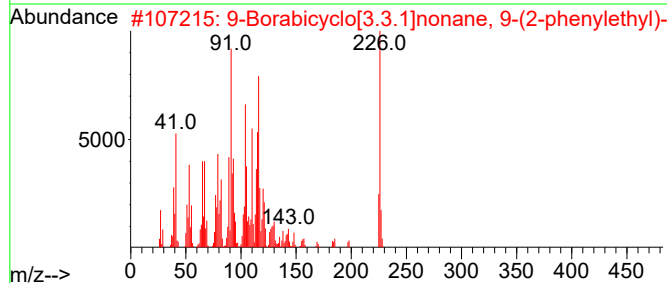
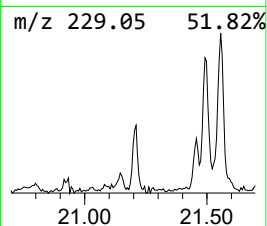
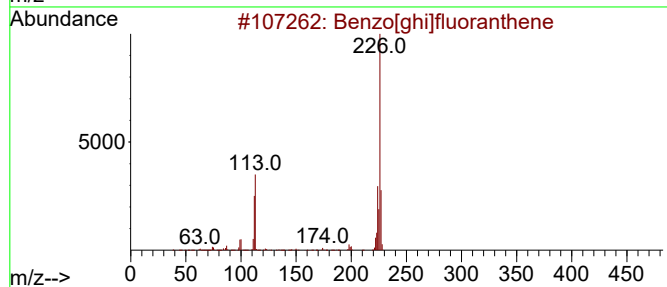
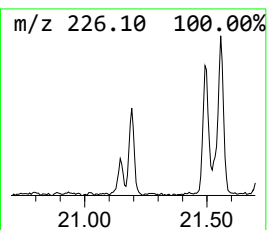
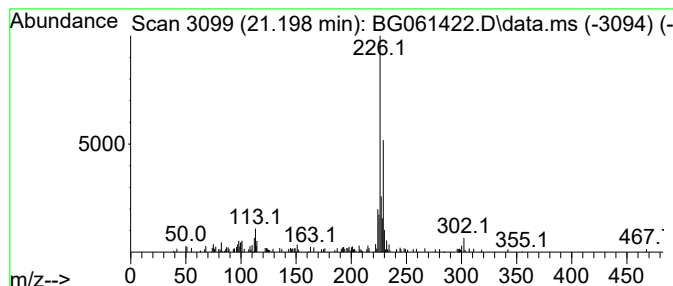
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 unknown-02 Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.198 | 2.46 ng/ul | 129436 | Chrysene-d12     | 21.509 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Benzo[ghi]fluoranthene              | 226 | C18H10    | 000203-12-3  | 43   |
| 2    |    |   | 9-Borabicyclo[3.3.1]nonane, 9-(2... | 226 | C16H23B   | 067753-90-6  | 38   |
| 3    |    |   | N,N-Dimethylindoline                | 226 | C14H14N2O | 002150-58-5  | 38   |
| 4    |    |   | Benzo(a)acridine                    | 229 | C17H11N   | 000225-11-6  | 35   |
| 5    |    |   | [1,2,4]triazolo[1,5-a]pyrimidin-... | 226 | C12H10N4O | 1000403-04-9 | 32   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060324\  
Data File : BG061422.D  
Acq On : 3 Jun 2024 14:02  
Operator : MA/JU  
Sample : P2588-14DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH6D9DL

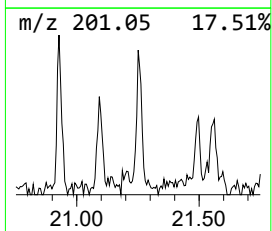
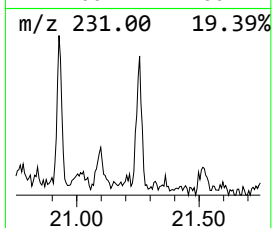
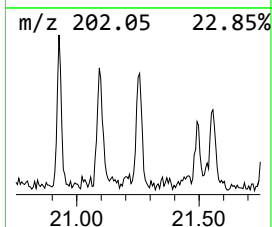
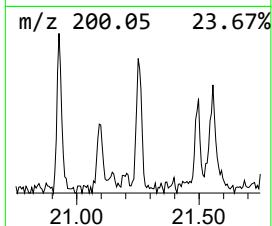
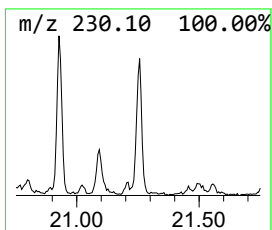
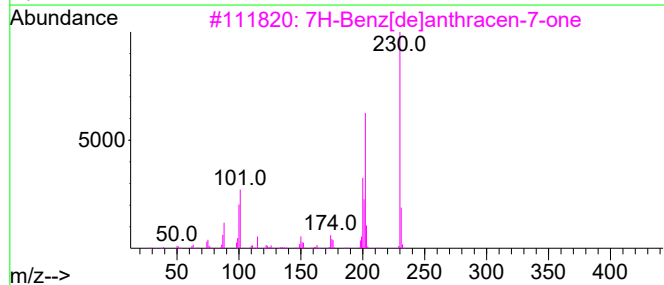
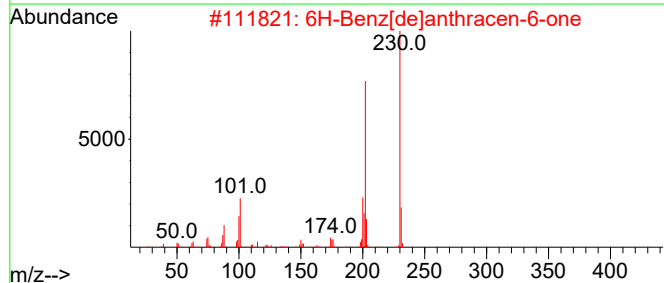
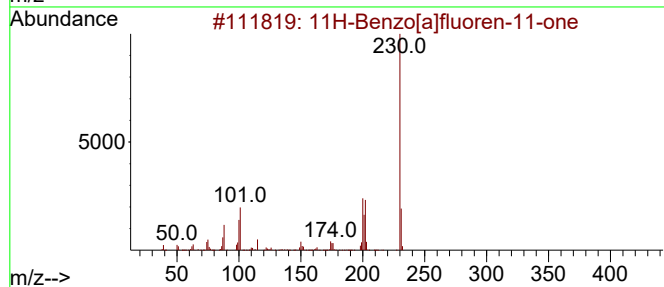
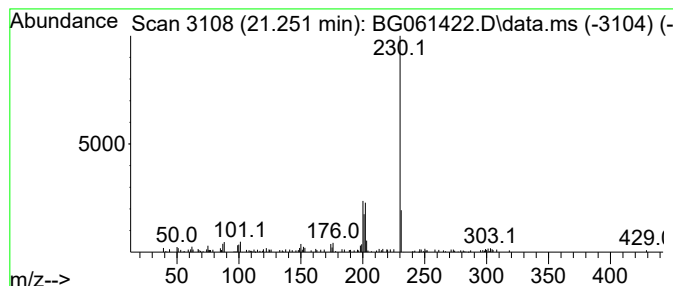
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.251 | 2.41 ng/ul | 126995 | Chrysene-d12     | 21.509 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 90   |
| 2    |    |   | 6H-Benz[de]anthracen-6-one | 230 | C17H10O | 080252-14-8 | 81   |
| 3    |    |   | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 72   |
| 4    |    |   | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 72   |
| 5    |    |   | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060324\  
Data File : BG061422.D  
Acq On : 3 Jun 2024 14:02  
Operator : MA/JU  
Sample : P2588-14DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH6D9DL

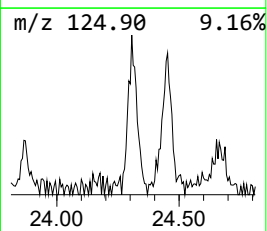
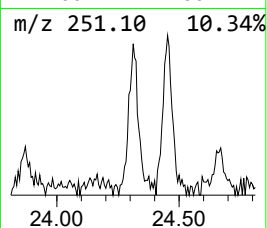
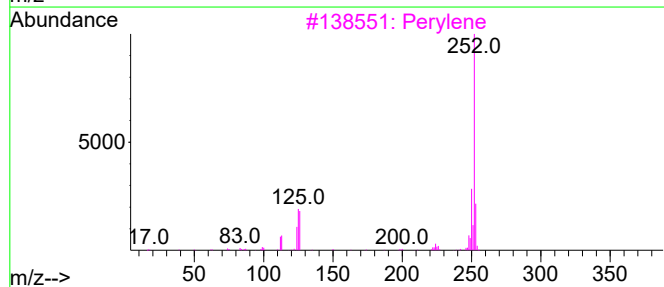
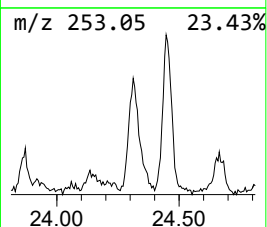
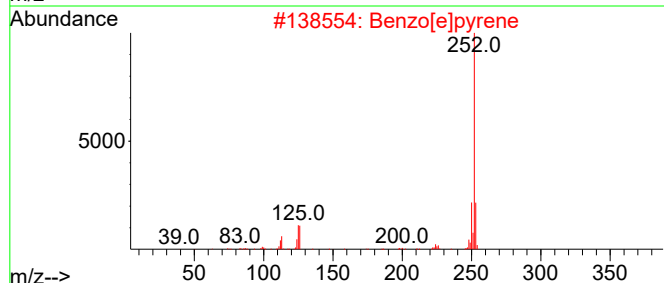
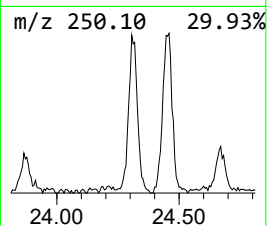
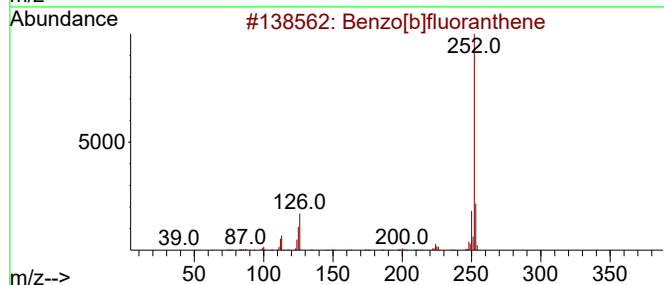
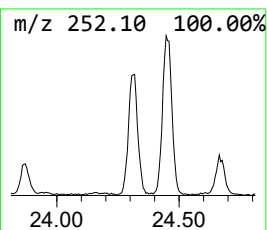
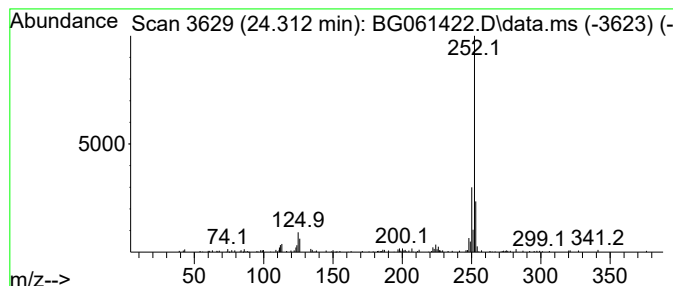
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 10 Benzo[e]pyrene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 24.312 | 4.57 ng/ul | 167228 | Perylene-d12     | 24.600 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 93   |
| 2    |    |   | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 93   |
| 3    |    |   | Perylene             | 252 | C20H12  | 000198-55-0 | 93   |
| 4    |    |   | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 91   |
| 5    |    |   | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060324\  
Data File : BG061422.D  
Acq On : 3 Jun 2024 14:02  
Operator : MA/JU  
Sample : P2588-14DL 5X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BH6D9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.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 |
| Butane, 2-metho... | 3.078  | 73.5    | ng/ul | 611266   | 1                     | 7.872  | 166263  | 20.0 |
| unknown-01         | 3.853  | 2.7     | ng/ul | 22576    | 1                     | 7.872  | 166263  | 20.0 |
| Phenanthrene, 1... | 18.137 | 2.5     | ng/ul | 64520    | 4                     | 17.255 | 516973  | 20.0 |
| Phenanthrene, 2... | 18.184 | 2.9     | ng/ul | 75657    | 4                     | 17.255 | 516973  | 20.0 |
| 4H-Cyclopenta[d... | 18.325 | 3.7     | ng/ul | 96525    | 4                     | 17.255 | 516973  | 20.0 |
| 9,10-Anthracene... | 18.683 | 3.7     | ng/ul | 96223    | 4                     | 17.255 | 516973  | 20.0 |
| Cyclopenta(def)... | 19.194 | 2.3     | ng/ul | 59574    | 4                     | 17.255 | 516973  | 20.0 |
| unknown-02         | 21.198 | 2.5     | ng/ul | 129436   | 5                     | 21.509 | 1054410 | 20.0 |
| 11H-Benzo[a]flu... | 21.251 | 2.4     | ng/ul | 126995   | 5                     | 21.509 | 1054410 | 20.0 |
| Benzo[e]pyrene     | 24.312 | 4.6     | ng/ul | 167228   | 6                     | 24.600 | 731522  | 20.0 |