

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
 Data File : BG061464.D  
 Acq On : 4 Jun 2024 21:02  
 Operator : MA/JU  
 Sample : P2590-20  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BHBM4

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: BG061464.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         | 3.076       | 10            | 15          | 34           | rVB      | 179729         | 301012        | 30.21%          | 2.143%        |
| 2         | 3.329       | 55            | 58          | 64           | rVB3     | 4770           | 6891          | 0.69%           | 0.049%        |
| 3         | 3.740       | 122           | 128         | 137          | rBV      | 38917          | 63617         | 6.38%           | 0.453%        |
| 4         | 3.852       | 142           | 147         | 153          | rVB3     | 5893           | 10309         | 1.03%           | 0.073%        |
| 5         | 7.066       | 686           | 694         | 704          | rVB      | 114669         | 194582        | 19.53%          | 1.385%        |
| 6         | 7.207       | 712           | 718         | 727          | rVB      | 71048          | 111652        | 11.20%          | 0.795%        |
| 7         | 7.418       | 746           | 754         | 760          | rBV      | 102704         | 170654        | 17.13%          | 1.215%        |
| 8         | 7.876       | 825           | 832         | 841          | rBV      | 114697         | 189602        | 19.03%          | 1.350%        |
| 9         | 8.599       | 948           | 955         | 962          | rBV2     | 130140         | 216015        | 21.68%          | 1.538%        |
| 10        | 9.034       | 1022          | 1029        | 1037         | rBV      | 107049         | 188535        | 18.92%          | 1.342%        |
| 11        | 9.751       | 1144          | 1151        | 1161         | rBV      | 95360          | 173389        | 17.40%          | 1.234%        |
| 12        | 10.309      | 1237          | 1246        | 1258         | rBV      | 141161         | 252205        | 25.31%          | 1.795%        |
| 13        | 10.667      | 1298          | 1307        | 1314         | rBV      | 153087         | 273486        | 27.44%          | 1.947%        |
| 14        | 10.808      | 1324          | 1331        | 1339         | rBV      | 90420          | 165650        | 16.62%          | 1.179%        |
| 15        | 13.405      | 1768          | 1773        | 1778         | rVB      | 5278           | 7247          | 0.73%           | 0.052%        |
| 16        | 13.916      | 1850          | 1860        | 1866         | rBV      | 265821         | 379130        | 38.05%          | 2.699%        |
| 17        | 14.204      | 1898          | 1909        | 1919         | rBV      | 288595         | 446846        | 44.84%          | 3.181%        |
| 18        | 14.510      | 1954          | 1961        | 1968         | rVV      | 269157         | 408499        | 40.99%          | 2.908%        |
| 19        | 14.575      | 1968          | 1972        | 1981         | rVB3     | 6707           | 10838         | 1.09%           | 0.077%        |
| 20        | 14.763      | 1998          | 2004        | 2021         | rVV2     | 64034          | 135106        | 13.56%          | 0.962%        |
| 21        | 14.909      | 2027          | 2029        | 2034         | rVB4     | 4724           | 5964          | 0.60%           | 0.042%        |
| 22        | 15.509      | 2124          | 2131        | 2137         | rBV      | 346392         | 504037        | 50.58%          | 3.588%        |
| 23        | 15.562      | 2137          | 2140        | 2149         | rVB3     | 7608           | 11757         | 1.18%           | 0.084%        |
| 24        | 15.650      | 2149          | 2155        | 2165         | rBV2     | 95205          | 145368        | 14.59%          | 1.035%        |
| 25        | 15.855      | 2185          | 2190        | 2197         | rVB4     | 2458           | 5058          | 0.51%           | 0.036%        |
| 26        | 16.243      | 2248          | 2256        | 2260         | rBV5     | 5755           | 11114         | 1.12%           | 0.079%        |
| 27        | 16.619      | 2315          | 2320        | 2324         | rVB3     | 3263           | 5384          | 0.54%           | 0.038%        |
| 28        | 16.919      | 2366          | 2371        | 2377         | rBV2     | 7638           | 12140         | 1.22%           | 0.086%        |
| 29        | 17.077      | 2393          | 2398        | 2404         | rVB2     | 6210           | 11032         | 1.11%           | 0.079%        |
| 30        | 17.260      | 2423          | 2429        | 2433         | rBV      | 318620         | 483786        | 48.55%          | 3.444%        |
| 31        | 17.307      | 2433          | 2437        | 2441         | rVV      | 138512         | 201040        | 20.17%          | 1.431%        |
| 32        | 17.359      | 2441          | 2446        | 2458         | rVB2     | 372809         | 570650        | 57.27%          | 4.062%        |
| 33        | 17.671      | 2495          | 2499        | 2506         | rVB      | 11556          | 18863         | 1.89%           | 0.134%        |
| 34        | 17.783      | 2510          | 2518        | 2521         | rVB4     | 4393           | 8065          | 0.81%           | 0.057%        |
| 35        | 17.847      | 2525          | 2529        | 2535         | rVB7     | 7862           | 15208         | 1.53%           | 0.108%        |
| 36        | 17.976      | 2546          | 2551        | 2560         | rVB5     | 3814           | 9566          | 0.96%           | 0.068%        |

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 Sample : P2590-20  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BHBM4

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

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 18.141 | 2572 | 2579 | 2581 | rBV  | 35189  | 53212  | 5.34%  | 0.379% |
| 38 | 18.188 | 2583 | 2587 | 2592 | rVB  | 43163  | 64216  | 6.44%  | 0.457% |
| 39 | 18.270 | 2597 | 2601 | 2605 | rVB5 | 7434   | 11741  | 1.18%  | 0.084% |
| 40 | 18.329 | 2605 | 2611 | 2616 | rBV2 | 44504  | 87692  | 8.80%  | 0.624% |
| 41 | 18.370 | 2616 | 2618 | 2627 | rVB2 | 25714  | 32103  | 3.22%  | 0.229% |
| 42 | 18.446 | 2627 | 2631 | 2634 | rBV5 | 5622   | 8757   | 0.88%  | 0.062% |
| 43 | 18.493 | 2634 | 2639 | 2642 | rBV6 | 7389   | 11419  | 1.15%  | 0.081% |
| 44 | 18.640 | 2659 | 2664 | 2668 | rBV  | 22064  | 31582  | 3.17%  | 0.225% |
| 45 | 18.687 | 2668 | 2672 | 2679 | rVB2 | 30980  | 46176  | 4.63%  | 0.329% |
| 46 | 18.764 | 2681 | 2685 | 2689 | rBV5 | 3837   | 6224   | 0.62%  | 0.044% |
| 47 | 18.887 | 2703 | 2706 | 2710 | rVB4 | 9451   | 10150  | 1.02%  | 0.072% |
| 48 | 18.934 | 2710 | 2714 | 2719 | rBV  | 14983  | 18385  | 1.84%  | 0.131% |
| 49 | 18.975 | 2719 | 2721 | 2725 | rVB2 | 11493  | 13844  | 1.39%  | 0.099% |
| 50 | 19.057 | 2730 | 2735 | 2741 | rBV2 | 34189  | 64295  | 6.45%  | 0.458% |
| 51 | 19.116 | 2741 | 2745 | 2749 | rVV4 | 11430  | 21336  | 2.14%  | 0.152% |
| 52 | 19.151 | 2749 | 2751 | 2754 | rVB2 | 11283  | 11613  | 1.17%  | 0.083% |
| 53 | 19.210 | 2754 | 2761 | 2768 | rBV6 | 23314  | 51073  | 5.13%  | 0.364% |
| 54 | 19.322 | 2771 | 2780 | 2786 | rVB  | 405886 | 569040 | 57.10% | 4.051% |
| 55 | 19.381 | 2786 | 2790 | 2793 | rBV4 | 10768  | 15457  | 1.55%  | 0.110% |
| 56 | 19.422 | 2793 | 2797 | 2800 | rVV5 | 11031  | 14261  | 1.43%  | 0.102% |
| 57 | 19.469 | 2803 | 2805 | 2808 | rVB  | 5378   | 5405   | 0.54%  | 0.038% |
| 58 | 19.563 | 2819 | 2821 | 2825 | rVB2 | 12742  | 13951  | 1.40%  | 0.099% |
| 59 | 19.657 | 2831 | 2837 | 2840 | rBV  | 530062 | 854751 | 85.78% | 6.085% |
| 60 | 19.686 | 2840 | 2842 | 2850 | rVV  | 376750 | 451751 | 45.33% | 3.216% |
| 61 | 19.757 | 2850 | 2854 | 2859 | rVB3 | 26779  | 43255  | 4.34%  | 0.308% |
| 62 | 19.862 | 2866 | 2872 | 2879 | rBV2 | 20220  | 42316  | 4.25%  | 0.301% |
| 63 | 19.921 | 2879 | 2882 | 2889 | rVB3 | 20618  | 32395  | 3.25%  | 0.231% |
| 64 | 20.009 | 2891 | 2897 | 2899 | rBV3 | 35884  | 72284  | 7.25%  | 0.515% |
| 65 | 20.144 | 2915 | 2920 | 2921 | rBV5 | 26016  | 32878  | 3.30%  | 0.234% |
| 66 | 20.174 | 2922 | 2925 | 2931 | rVB2 | 60459  | 102322 | 10.27% | 0.728% |
| 67 | 20.280 | 2939 | 2943 | 2947 | rBV  | 41303  | 51172  | 5.14%  | 0.364% |
| 68 | 20.338 | 2947 | 2953 | 2957 | rBV2 | 50739  | 86042  | 8.63%  | 0.613% |
| 69 | 20.421 | 2964 | 2967 | 2970 | rBV5 | 11886  | 12372  | 1.24%  | 0.088% |
| 70 | 20.473 | 2973 | 2976 | 2980 | rVV  | 32012  | 46760  | 4.69%  | 0.333% |
| 71 | 20.520 | 2981 | 2984 | 2988 | rVV3 | 31895  | 43019  | 4.32%  | 0.306% |
| 72 | 20.567 | 2990 | 2992 | 2997 | rVB  | 29069  | 34862  | 3.50%  | 0.248% |
| 73 | 20.620 | 2997 | 3001 | 3002 | rBV4 | 10164  | 13469  | 1.35%  | 0.096% |
| 74 | 20.685 | 3010 | 3012 | 3016 | rVB4 | 17949  | 17262  | 1.73%  | 0.123% |
| 75 | 20.720 | 3016 | 3018 | 3019 | rBV2 | 10930  | 7752   | 0.78%  | 0.055% |
| 76 | 20.932 | 3050 | 3054 | 3060 | rVB  | 46731  | 71204  | 7.15%  | 0.507% |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BHBM4

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  | 21.108 | 3078 | 3084 | 3088 | rBV3 | 44448  | 86576  | 8.69%   | 0.616% |
| 78  | 21.149 | 3088 | 3091 | 3093 | rVV  | 37075  | 49083  | 4.93%   | 0.349% |
| 79  | 21.196 | 3093 | 3099 | 3104 | rVV4 | 55696  | 147645 | 14.82%  | 1.051% |
| 80  | 21.261 | 3106 | 3110 | 3116 | rVB  | 45406  | 75255  | 7.55%   | 0.536% |
| 81  | 21.349 | 3123 | 3125 | 3127 | rBV3 | 9586   | 9946   | 1.00%   | 0.071% |
| 82  | 21.408 | 3131 | 3135 | 3139 | rVB  | 65088  | 93463  | 9.38%   | 0.665% |
| 83  | 21.513 | 3145 | 3153 | 3158 | rBV3 | 436637 | 996503 | 100.00% | 7.094% |
| 84  | 21.560 | 3158 | 3161 | 3171 | rVB  | 212614 | 336142 | 33.73%  | 2.393% |
| 85  | 21.707 | 3182 | 3186 | 3190 | rBV3 | 41883  | 60851  | 6.11%   | 0.433% |
| 86  | 21.913 | 3217 | 3221 | 3227 | rVB3 | 25690  | 48964  | 4.91%   | 0.349% |
| 87  | 22.224 | 3271 | 3274 | 3279 | rVB  | 41701  | 59863  | 6.01%   | 0.426% |
| 88  | 22.289 | 3281 | 3285 | 3293 | rVB6 | 36869  | 77300  | 7.76%   | 0.550% |
| 89  | 22.489 | 3314 | 3319 | 3321 | rBV3 | 29794  | 43613  | 4.38%   | 0.310% |
| 90  | 22.924 | 3389 | 3393 | 3404 | rVB2 | 73371  | 174225 | 17.48%  | 1.240% |
| 91  | 23.634 | 3505 | 3514 | 3521 | rBV  | 175409 | 547994 | 54.99%  | 3.901% |
| 92  | 23.881 | 3551 | 3556 | 3562 | rVB2 | 30092  | 61774  | 6.20%   | 0.440% |
| 93  | 24.322 | 3624 | 3631 | 3637 | rBV  | 87843  | 243579 | 24.44%  | 1.734% |
| 94  | 24.398 | 3637 | 3644 | 3651 | rVV2 | 266344 | 742534 | 74.51%  | 5.286% |
| 95  | 24.469 | 3651 | 3656 | 3664 | rVB  | 137536 | 328349 | 32.95%  | 2.338% |
| 96  | 24.610 | 3671 | 3680 | 3688 | rBV  | 239003 | 650990 | 65.33%  | 4.634% |
| 97  | 25.650 | 3855 | 3857 | 3858 | rBV2 | 11489  | 10383  | 1.04%   | 0.074% |
| 98  | 28.123 | 4266 | 4278 | 4291 | rBV3 | 63672  | 289097 | 29.01%  | 2.058% |
| 99  | 28.458 | 4333 | 4335 | 4336 | rBV2 | 8027   | 5558   | 0.56%   | 0.040% |
| 100 | 32.101 | 4953 | 4955 | 4956 | rBV2 | 6989   | 5016   | 0.50%   | 0.036% |

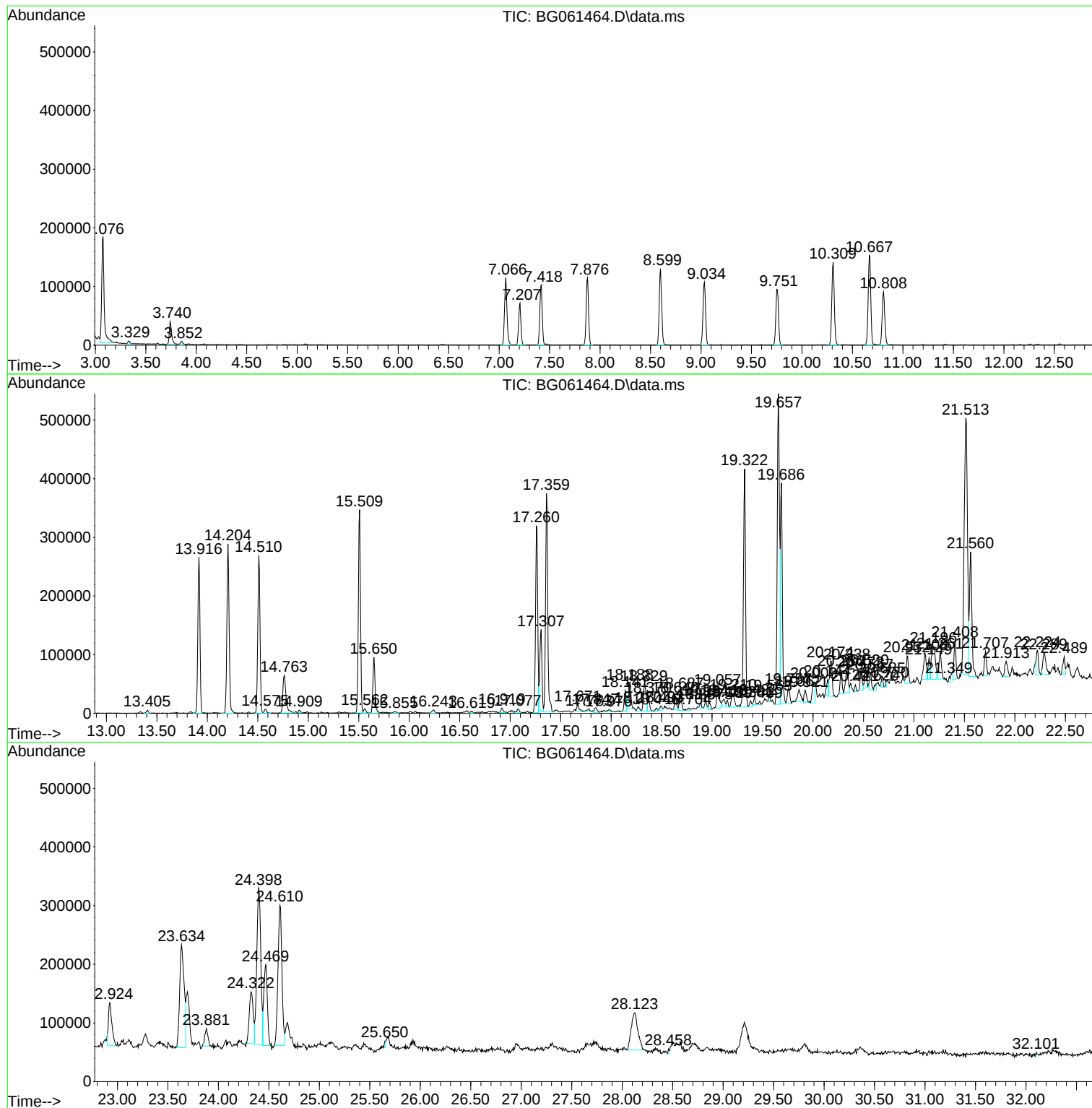
Sum of corrected areas: 14046798

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
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Sample : P2590-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061464.D  
Acq On : 4 Jun 2024 21:02  
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Sample : P2590-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

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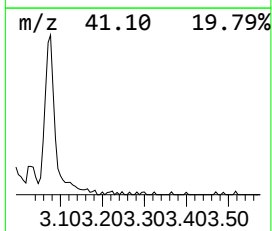
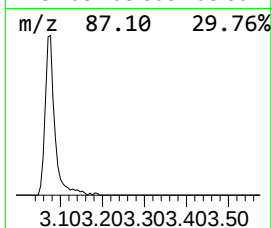
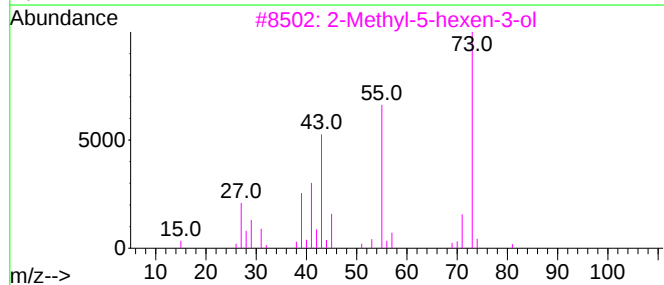
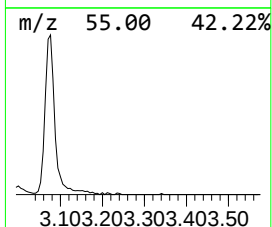
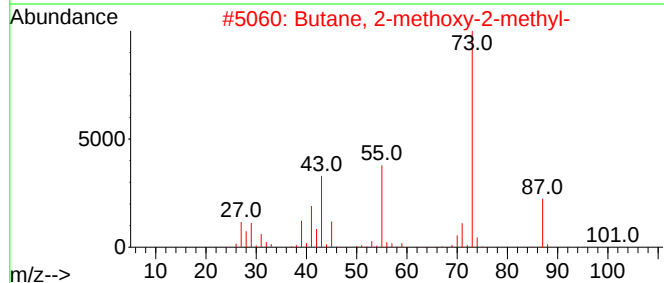
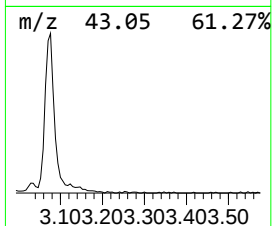
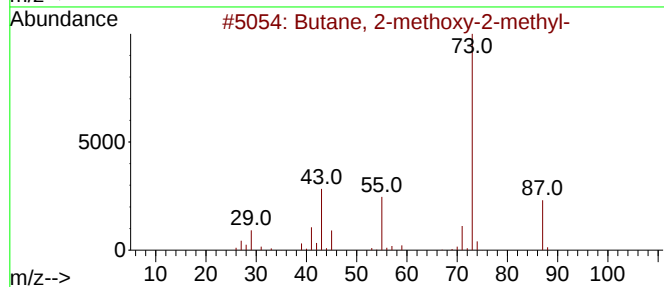
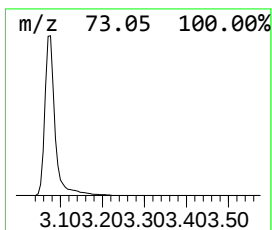
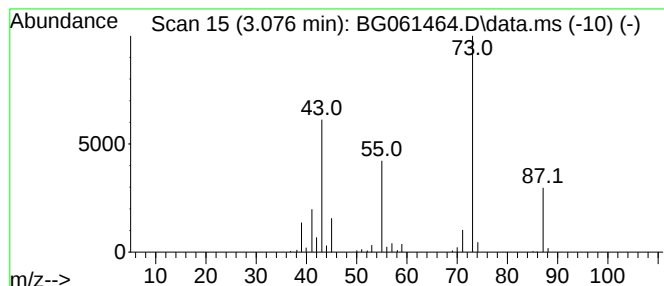
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 3.076 | 31.75 ng/ul | 301012 | 1,4-Dichlorobenzene-d4 | 7.876 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 90   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 3    |    |   | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 43   |
| 4    |    |   | 3-Hexanol, 2,4-dimethyl-    | 130 | C8H18O  | 013432-25-2 | 36   |
| 5    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 33   |



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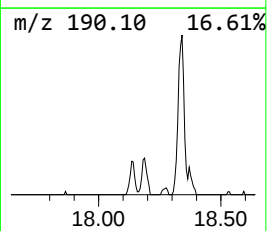
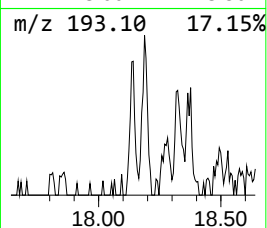
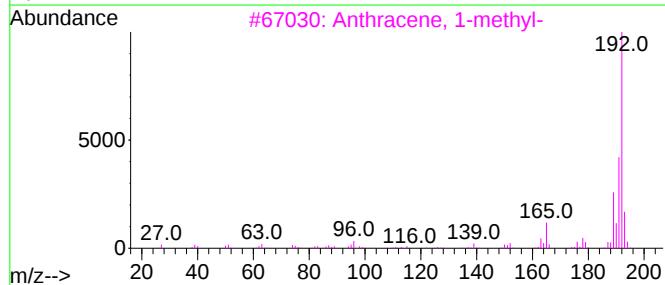
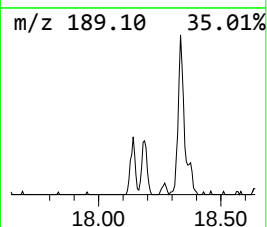
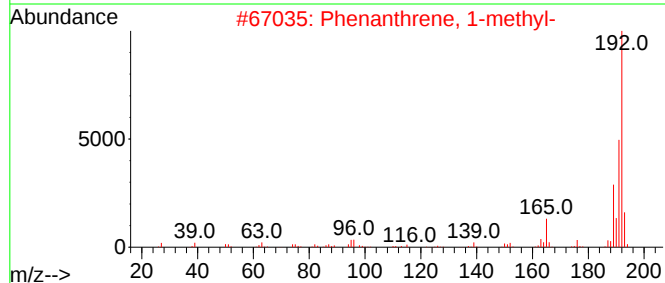
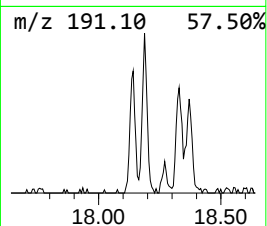
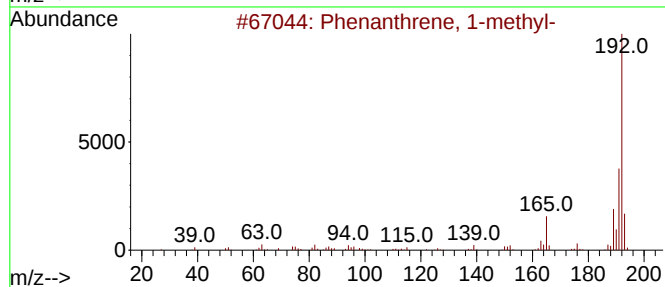
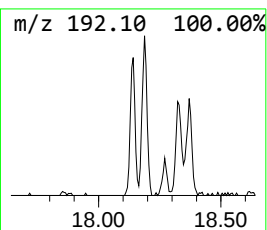
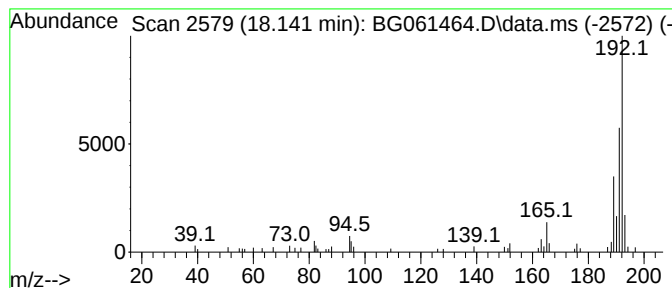
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 8

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.141 | 2.20 ng/ul | 53212 | Phenanthrene-d10 | 17.260 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 94   |
| 2    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 94   |
| 3    |    |   | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 93   |
| 4    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 93   |
| 5    |    |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061464.D  
Acq On : 4 Jun 2024 21:02  
Operator : MA/JU  
Sample : P2590-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM4

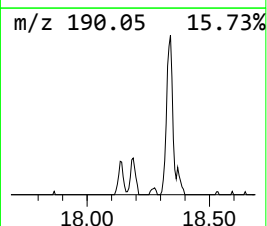
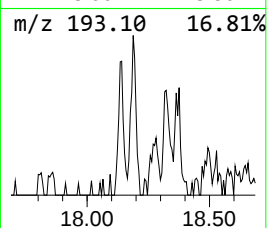
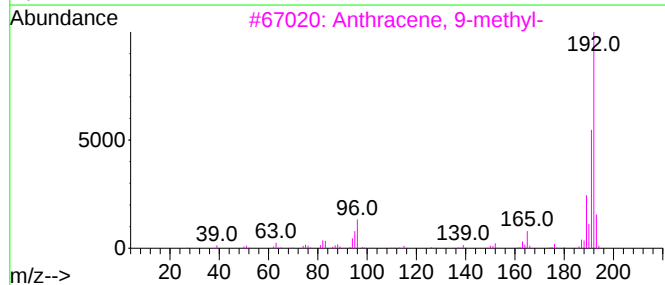
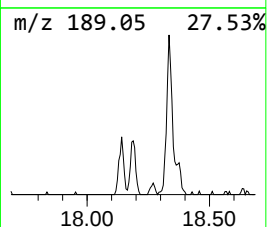
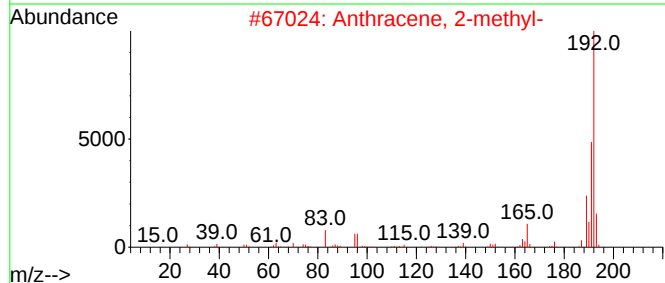
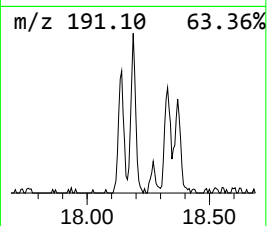
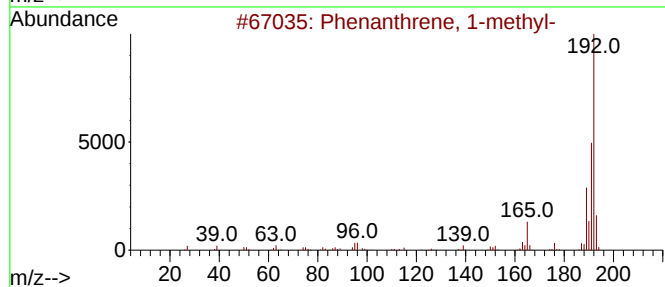
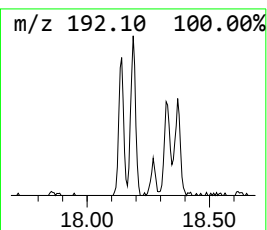
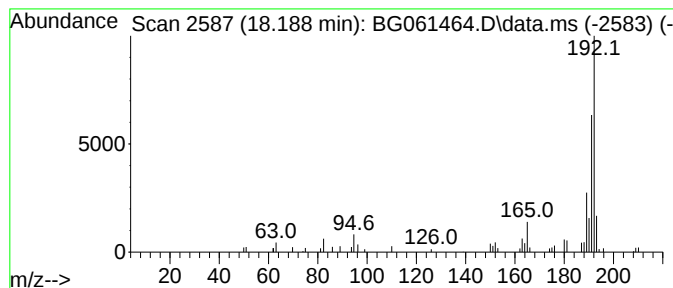
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.188 | 2.65 ng/ul | 64216 | Phenanthrene-d10 | 17.260 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 94   |
| 2    |    |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 94   |
| 3    |    |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 94   |
| 4    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 93   |
| 5    |    |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061464.D  
Acq On : 4 Jun 2024 21:02  
Operator : MA/JU  
Sample : P2590-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM4

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

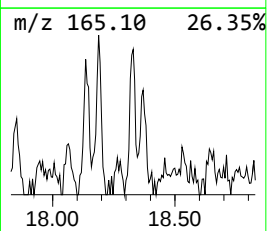
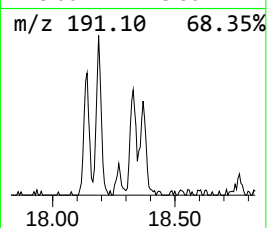
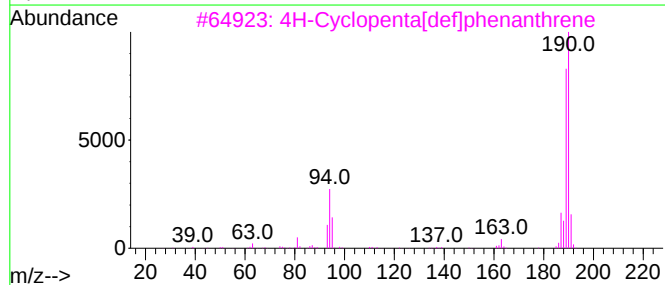
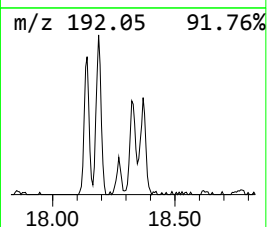
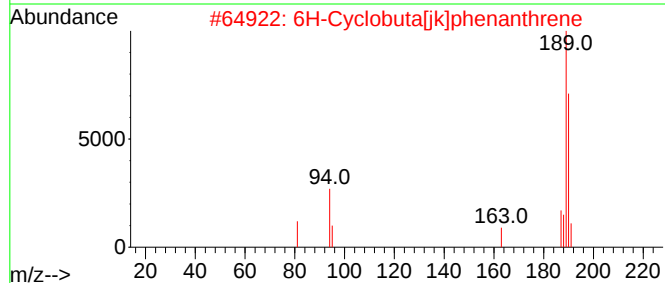
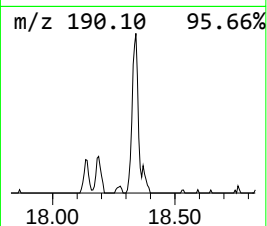
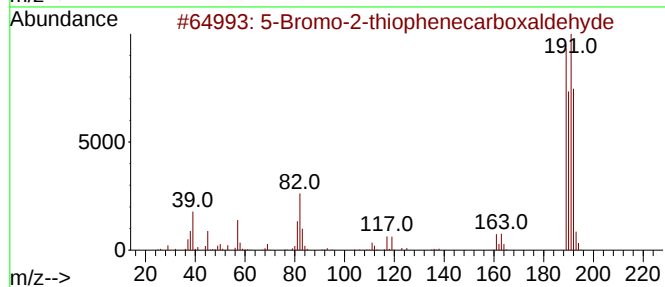
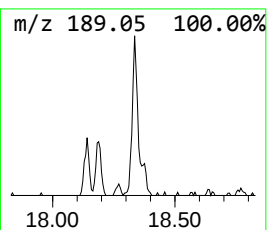
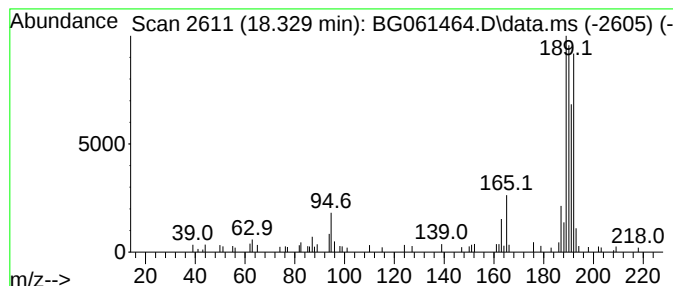
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 5-Bromo-2-thiophenecarboxal... Concentration Rank 3

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.329 | 3.63 ng/ul | 87692 | Phenanthrene-d10 | 17.260 |

| Hit# | of 5 | Tentative ID                      | MW  | MolForm   | CAS#        | Qual |
|------|------|-----------------------------------|-----|-----------|-------------|------|
| 1    |      | 5-Bromo-2-thiophenecarboxaldehyde | 190 | C5H3BrOS  | 004701-17-1 | 50   |
| 2    |      | 6H-Cyclobuta[jk]phenanthrene      | 190 | C15H10    | 083469-43-6 | 49   |
| 3    |      | 4H-Cyclopenta[def]phenanthrene    | 190 | C15H10    | 000203-64-5 | 49   |
| 4    |      | 4H-Cyclopenta[def]phenanthrene    | 190 | C15H10    | 000203-64-5 | 46   |
| 5    |      | 5-Bromo-4-fluoropyridin-2-amine   | 190 | C5H4BrFN2 | 944401-69-8 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061464.D  
Acq On : 4 Jun 2024 21:02  
Operator : MA/JU  
Sample : P2590-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM4

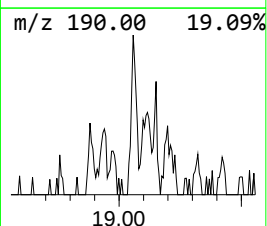
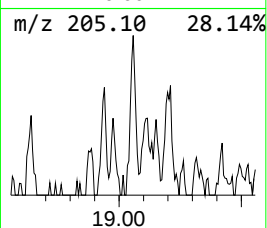
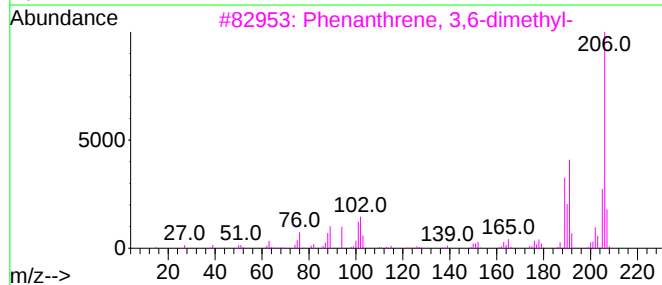
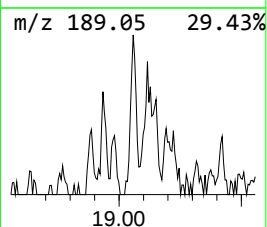
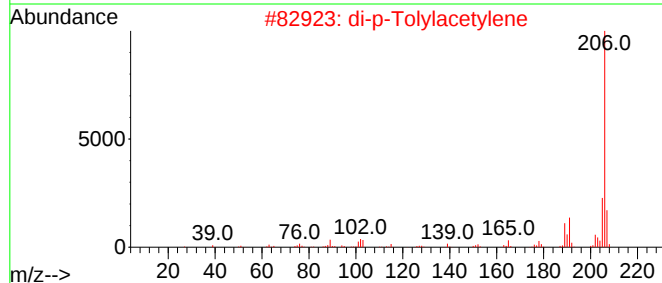
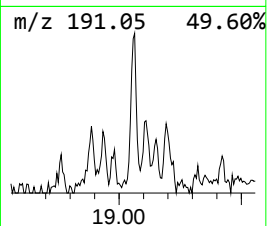
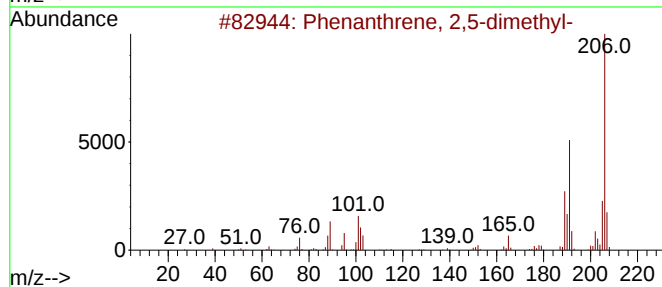
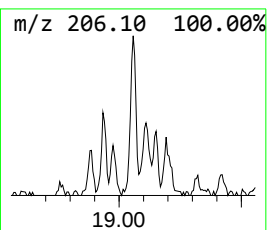
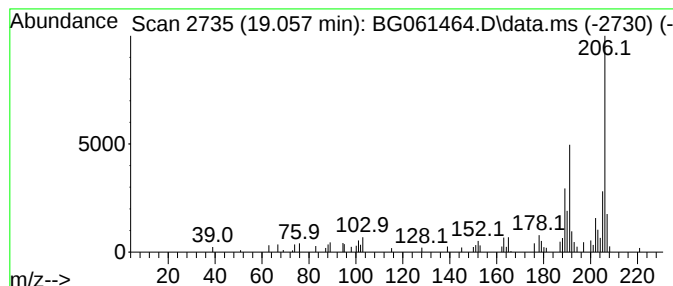
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 19.058 | 2.66 ng/ul | 64295 | Phenanthrene-d10 | 17.260 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 2,5-dimethyl- | 206 | C16H14  | 003674-66-6 | 94   |
| 2    |    |   | di-p-Tolylacetylene         | 206 | C16H14  | 002789-88-0 | 94   |
| 3    |    |   | Phenanthrene, 3,6-dimethyl- | 206 | C16H14  | 001576-67-6 | 93   |
| 4    |    |   | 9,10-Dimethylantracene      | 206 | C16H14  | 000781-43-1 | 91   |
| 5    |    |   | Phenanthrene, 3,6-dimethyl- | 206 | C16H14  | 001576-67-6 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061464.D  
Acq On : 4 Jun 2024 21:02  
Operator : MA/JU  
Sample : P2590-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

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

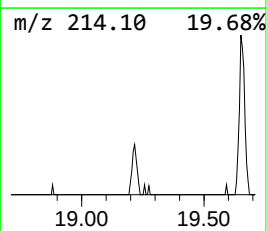
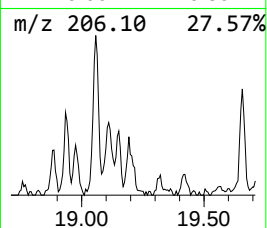
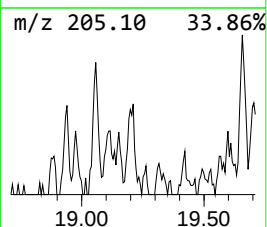
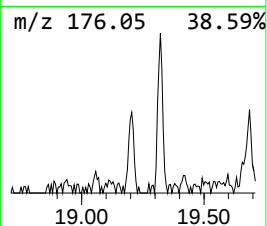
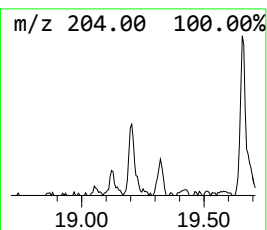
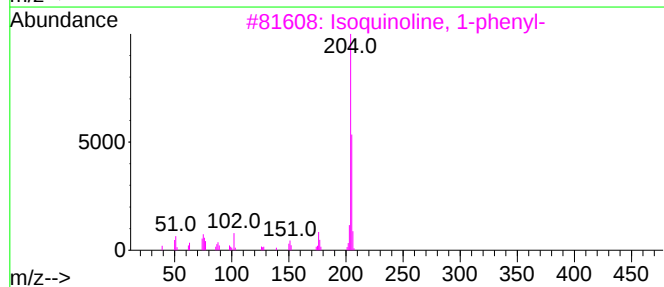
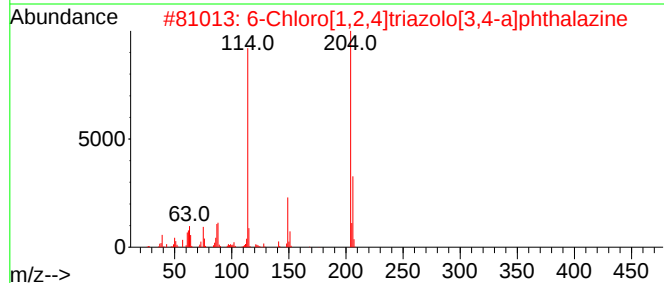
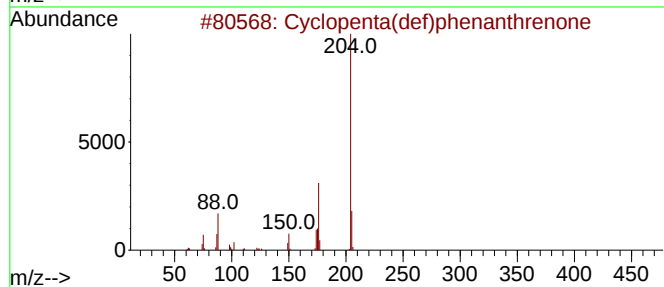
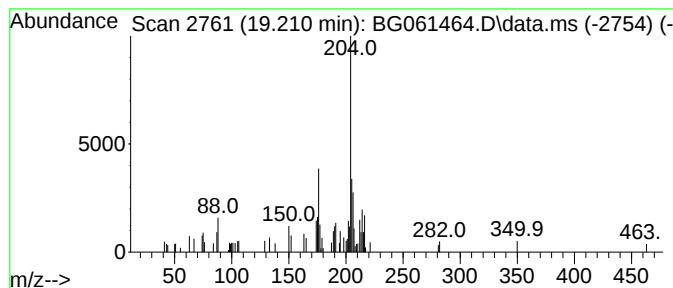
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 unknown-01 Concentration Rank 9

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 19.210 | 2.11 ng/ul | 51073 | Phenanthrene-d10 | 17.260 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Cyclopenta(def)phenanthrenone       | 204 | C15H8O   | 005737-13-3 | 49   |
| 2    |    |   | 6-Chloro[1,2,4]triazolo[3,4-a]ph... | 204 | C9H5ClN4 | 052494-53-8 | 38   |
| 3    |    |   | Isoquinoline, 1-phenyl-             | 205 | C15H11N  | 003297-72-1 | 38   |
| 4    |    |   | Isoquinoline, 1-phenyl-             | 205 | C15H11N  | 003297-72-1 | 38   |
| 5    |    |   | Benzene, 1-chloro-3-phenoxy-        | 204 | C12H9ClO | 006452-49-9 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061464.D  
Acq On : 4 Jun 2024 21:02  
Operator : MA/JU  
Sample : P2590-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

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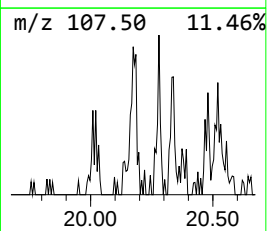
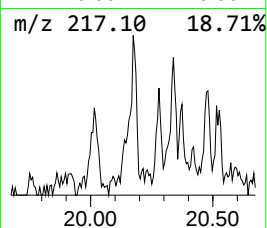
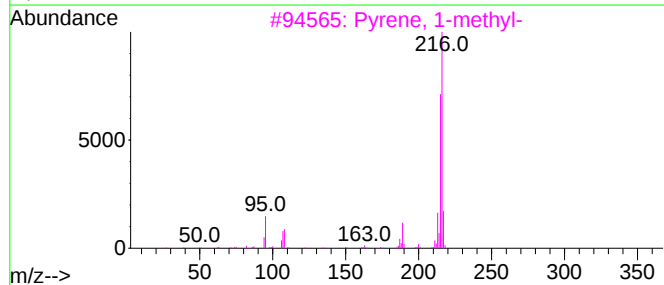
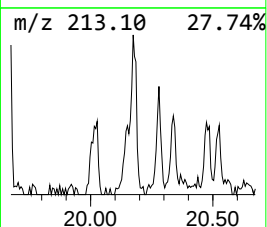
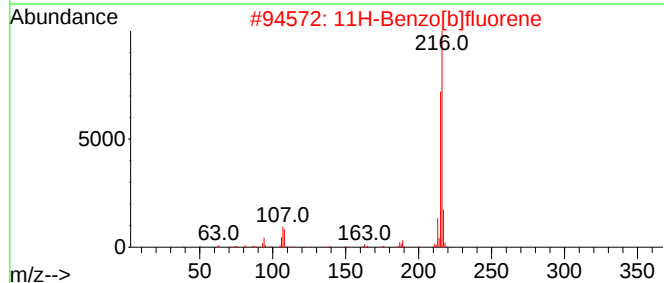
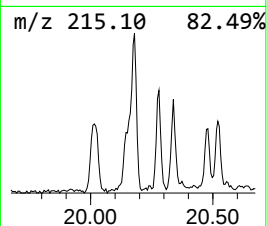
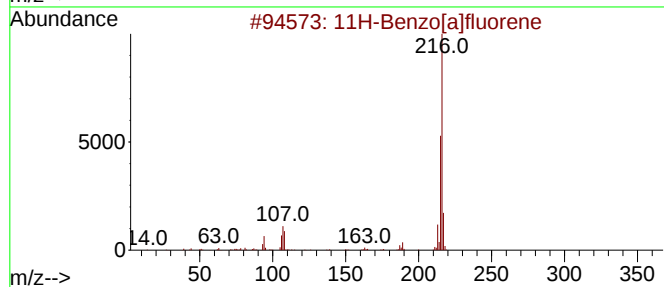
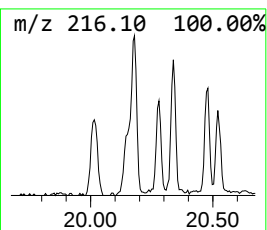
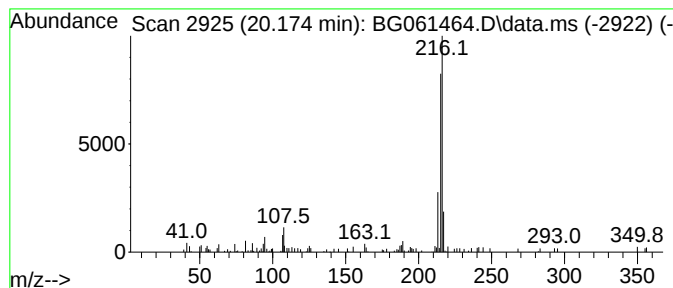
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 11H-Benzo[a]fluorene Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.174 | 2.05 ng/ul | 102322 | Chrysene-d12     | 21.519 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 80   |
| 2    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 80   |
| 3    |    |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 72   |
| 4    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 72   |
| 5    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061464.D  
Acq On : 4 Jun 2024 21:02  
Operator : MA/JU  
Sample : P2590-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM4

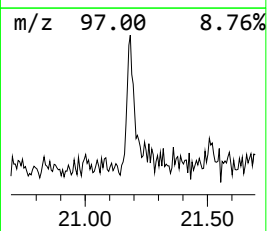
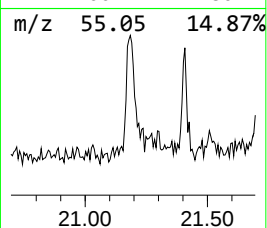
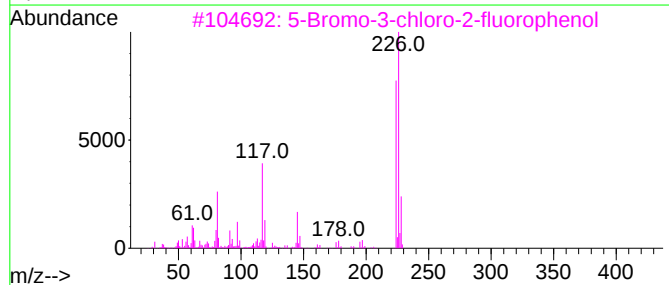
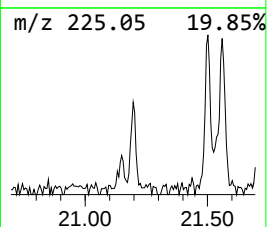
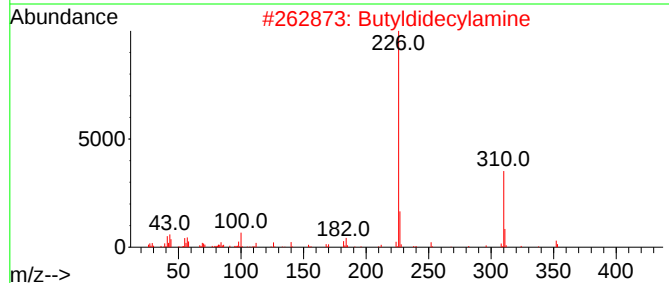
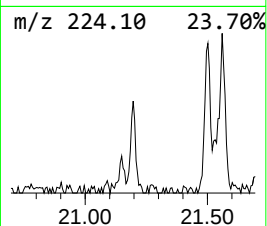
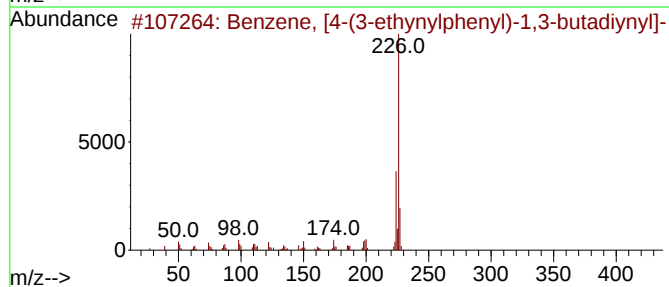
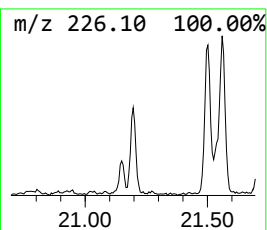
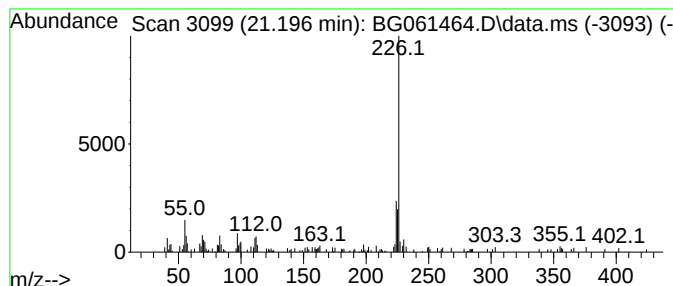
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Benzene, [4-(3-ethynylphenyl)... Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.196 | 2.96 ng/ul | 147645 | Chrysene-d12     | 21.519 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Benzene, [4-(3-ethynylphenyl)-1,... | 226 | C18H10     | 1000115-87-3 | 50   |
| 2    |    |   | Butyldidecylamine                   | 353 | C24H51N    | 1000310-38-1 | 46   |
| 3    |    |   | 5-Bromo-3-chloro-2-fluorophenol     | 224 | C6H3BrClFO | 1305322-97-7 | 38   |
| 4    |    |   | Cyclopenta[cd]pyrene                | 226 | C18H10     | 027208-37-3  | 38   |
| 5    |    |   | Anthracene, 1,8-diethynyl-          | 226 | C18H10     | 078053-58-4  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061464.D  
Acq On : 4 Jun 2024 21:02  
Operator : MA/JU  
Sample : P2590-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM4

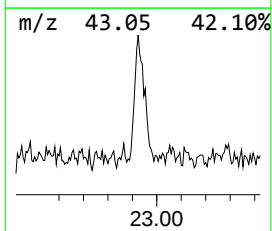
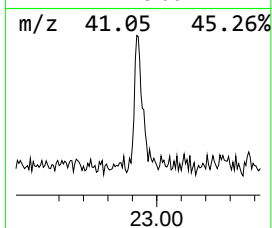
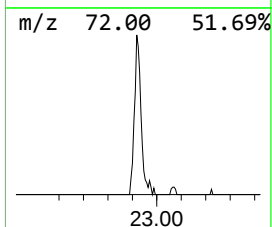
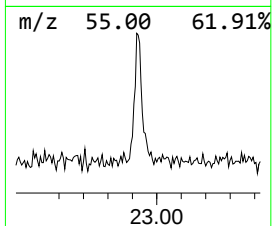
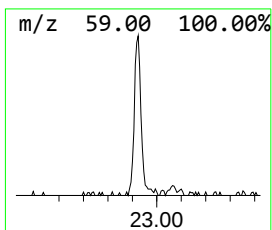
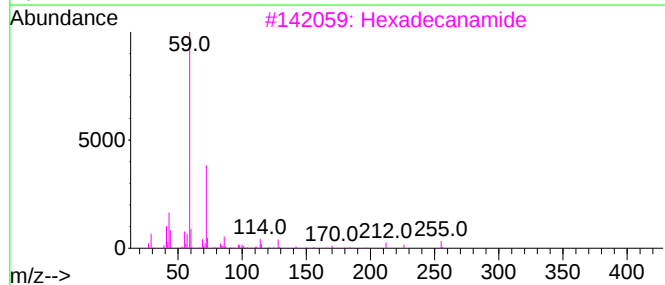
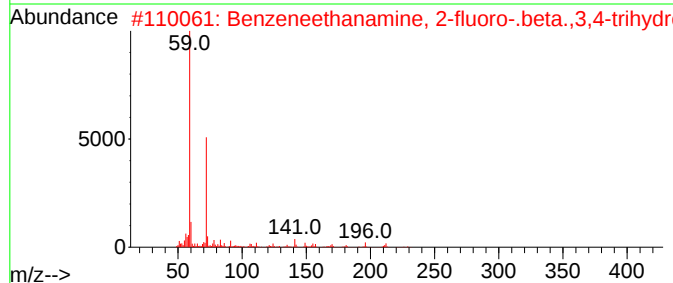
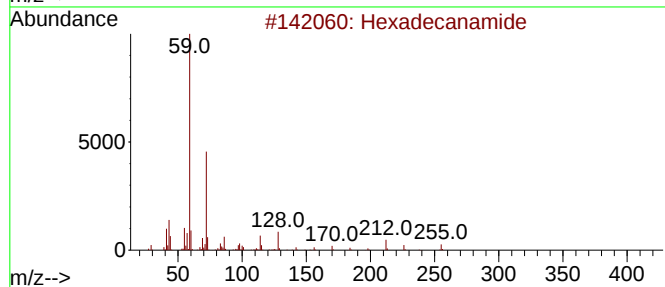
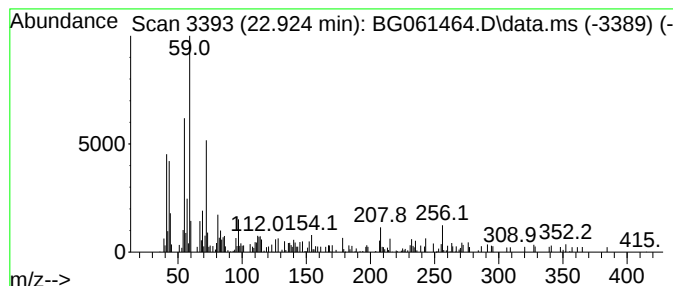
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 Hexadecanamide Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.924 | 3.50 ng/ul | 174225 | Chrysene-d12     | 21.519 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Hexadecanamide                      | 255 | C16H33NO   | 000629-54-9 | 86   |
| 2    |    |   | Benzeneethanamine, 2-fluoro-.bet... | 229 | C11H16FNO3 | 061338-98-5 | 70   |
| 3    |    |   | Hexadecanamide                      | 255 | C16H33NO   | 000629-54-9 | 70   |
| 4    |    |   | 9-Octadecenamide, (Z)-              | 281 | C18H35NO   | 000301-02-0 | 58   |
| 5    |    |   | Tetradecanamide                     | 227 | C14H29NO   | 000638-58-4 | 55   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061464.D  
Acq On : 4 Jun 2024 21:02  
Operator : MA/JU  
Sample : P2590-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

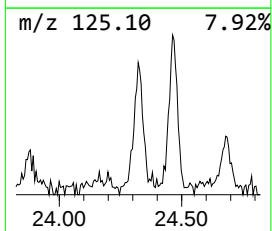
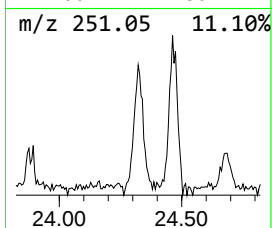
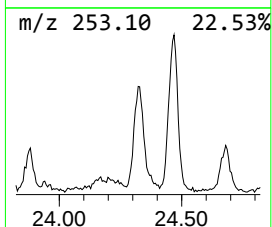
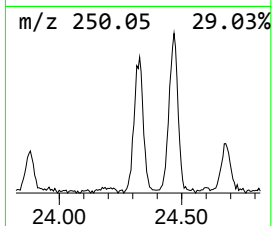
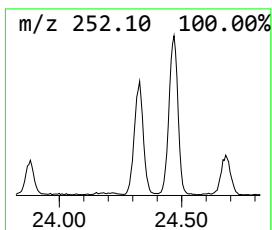
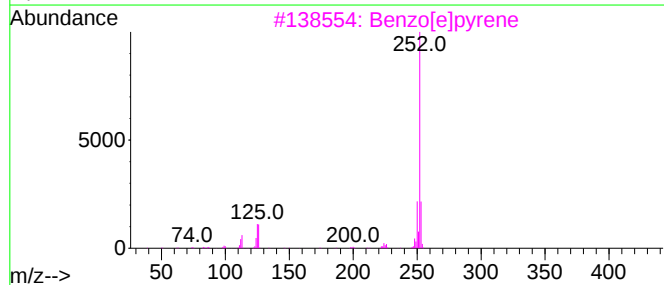
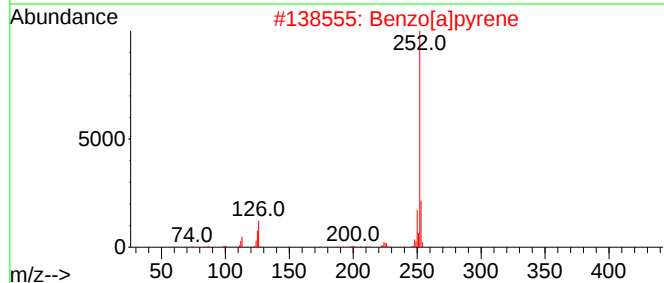
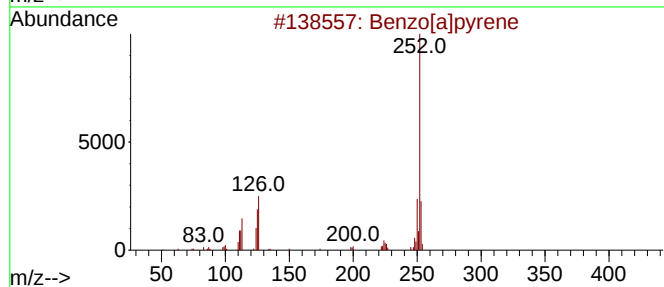
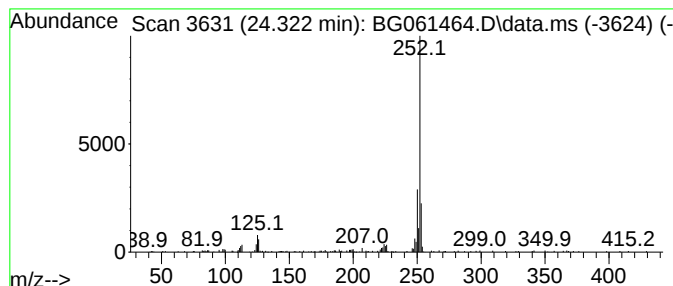
Instrument :  
BNA\_G  
ClientSampleId :  
BHBM4

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.        |      |
|-----------|----------------------|--------|------------------|-------------|------|
| 24.322    | 7.48 ng/ul           | 243579 | Perylene-d12     | 24.610      |      |
| Hit# of 5 | Tentative ID         | MW     | MolForm          | CAS#        | Qual |
| 1         | Benzo[a]pyrene       | 252    | C20H12           | 000050-32-8 | 95   |
| 2         | Benzo[a]pyrene       | 252    | C20H12           | 000050-32-8 | 90   |
| 3         | Benzo[e]pyrene       | 252    | C20H12           | 000192-97-2 | 90   |
| 4         | Perylene             | 252    | C20H12           | 000198-55-0 | 89   |
| 5         | Benzo[k]fluoranthene | 252    | C20H12           | 000207-08-9 | 89   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061464.D  
Acq On : 4 Jun 2024 21:02  
Operator : MA/JU  
Sample : P2590-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM4

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... | 3.076  | 31.8    | ng/ul | 301012   | 1                     | 7.876  | 189602 | 20.0 |
| Phenanthrene, 1... | 18.141 | 2.2     | ng/ul | 53212    | 4                     | 17.260 | 483786 | 20.0 |
| Anthracene, 2-m... | 18.188 | 2.6     | ng/ul | 64216    | 4                     | 17.260 | 483786 | 20.0 |
| 5-Bromo-2-thiop... | 18.329 | 3.6     | ng/ul | 87692    | 4                     | 17.260 | 483786 | 20.0 |
| Phenanthrene, 2... | 19.058 | 2.7     | ng/ul | 64295    | 4                     | 17.260 | 483786 | 20.0 |
| unknown-01         | 19.210 | 2.1     | ng/ul | 51073    | 4                     | 17.260 | 483786 | 20.0 |
| 11H-Benzo[a]flu... | 20.174 | 2.0     | ng/ul | 102322   | 5                     | 21.519 | 996503 | 20.0 |
| Benzene, [4-(3-... | 21.196 | 3.0     | ng/ul | 147645   | 5                     | 21.519 | 996503 | 20.0 |
| Hexadecanamide     | 22.924 | 3.5     | ng/ul | 174225   | 5                     | 21.519 | 996503 | 20.0 |
| Benzo[e]pyrene     | 24.322 | 7.5     | ng/ul | 243579   | 6                     | 24.610 | 650990 | 20.0 |