

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
 Data File : BG057230.D  
 Acq On : 28 Apr 2023 23:36  
 Operator : CG/JU  
 Sample : 02417-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EW8W9

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-BG042823.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG057230.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         | 4.207       | 111           | 114         | 119          | rVB3     | 3743           | 5440          | 1.18%           | 0.129%        |
| 2         | 4.342       | 133           | 137         | 143          | rVB3     | 1597           | 2488          | 0.54%           | 0.059%        |
| 3         | 5.394       | 313           | 316         | 321          | rVB2     | 1183           | 2119          | 0.46%           | 0.050%        |
| 4         | 6.016       | 417           | 422         | 426          | rVB3     | 838            | 1585          | 0.34%           | 0.038%        |
| 5         | 7.514       | 671           | 677         | 686          | rVB2     | 18447          | 33618         | 7.28%           | 0.796%        |
| 6         | 7.679       | 699           | 705         | 715          | rVB2     | 14855          | 25086         | 5.43%           | 0.594%        |
| 7         | 7.902       | 738           | 743         | 752          | rVB      | 19312          | 30325         | 6.57%           | 0.718%        |
| 8         | 8.378       | 817           | 824         | 833          | rVB      | 50126          | 83849         | 18.16%          | 1.984%        |
| 9         | 9.077       | 937           | 943         | 952          | rVB2     | 16004          | 26429         | 5.72%           | 0.625%        |
| 10        | 9.206       | 959           | 965         | 971          | rBV      | 10211          | 16789         | 3.64%           | 0.397%        |
| 11        | 9.553       | 1018          | 1024        | 1034         | rVB2     | 21410          | 38262         | 8.28%           | 0.905%        |
| 12        | 10.281      | 1142          | 1148        | 1154         | rBV2     | 18716          | 29834         | 6.46%           | 0.706%        |
| 13        | 10.634      | 1206          | 1208        | 1211         | rVB3     | 1178           | 1327          | 0.29%           | 0.031%        |
| 14        | 10.828      | 1235          | 1241        | 1248         | rVB2     | 24826          | 43233         | 9.36%           | 1.023%        |
| 15        | 11.215      | 1300          | 1307        | 1313         | rBV      | 74186          | 131737        | 28.52%          | 3.117%        |
| 16        | 11.345      | 1320          | 1329        | 1336         | rBV3     | 8063           | 15330         | 3.32%           | 0.363%        |
| 17        | 11.997      | 1434          | 1440        | 1443         | rBV3     | 777            | 1207          | 0.26%           | 0.029%        |
| 18        | 12.837      | 1580          | 1583        | 1587         | rVB2     | 1930           | 2710          | 0.59%           | 0.064%        |
| 19        | 13.054      | 1615          | 1620        | 1626         | rBV2     | 1965           | 3526          | 0.76%           | 0.083%        |
| 20        | 13.495      | 1691          | 1695        | 1699         | rVB2     | 1378           | 1543          | 0.33%           | 0.037%        |
| 21        | 13.782      | 1740          | 1744        | 1747         | rBV      | 1392           | 1907          | 0.41%           | 0.045%        |
| 22        | 13.847      | 1752          | 1755        | 1759         | rVB2     | 1776           | 2651          | 0.57%           | 0.063%        |
| 23        | 14.170      | 1808          | 1810        | 1817         | rVB2     | 1557           | 1433          | 0.31%           | 0.034%        |
| 24        | 14.311      | 1829          | 1834        | 1838         | rBV3     | 2444           | 4003          | 0.87%           | 0.095%        |
| 25        | 14.376      | 1839          | 1845        | 1850         | rVV      | 67309          | 96966         | 21.00%          | 2.295%        |
| 26        | 14.429      | 1851          | 1854        | 1858         | rVB3     | 2619           | 3457          | 0.75%           | 0.082%        |
| 27        | 14.540      | 1869          | 1873        | 1879         | rBV3     | 2016           | 2514          | 0.54%           | 0.059%        |
| 28        | 14.687      | 1891          | 1898        | 1909         | rBV      | 70462          | 109325        | 23.67%          | 2.587%        |
| 29        | 14.840      | 1919          | 1924        | 1927         | rVB3     | 1604           | 1968          | 0.43%           | 0.047%        |
| 30        | 14.987      | 1942          | 1949        | 1956         | rVB      | 135137         | 211918        | 45.89%          | 5.015%        |
| 31        | 15.057      | 1956          | 1961        | 1965         | rVB2     | 3577           | 5596          | 1.21%           | 0.132%        |
| 32        | 15.180      | 1976          | 1982        | 1987         | rBV2     | 13488          | 23699         | 5.13%           | 0.561%        |
| 33        | 15.269      | 1994          | 1997        | 1999         | rVB2     | 1000           | 1224          | 0.27%           | 0.029%        |
| 34        | 15.380      | 2011          | 2016        | 2021         | rVB3     | 5718           | 9143          | 1.98%           | 0.216%        |
| 35        | 15.451      | 2021          | 2028        | 2031         | rBV4     | 1949           | 2515          | 0.54%           | 0.060%        |
| 36        | 15.586      | 2048          | 2051        | 2057         | rVB      | 1937           | 3328          | 0.72%           | 0.079%        |

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|    |        |      |      |      |      |       |        |        |        |
|----|--------|------|------|------|------|-------|--------|--------|--------|
| 37 | 15.639 | 2057 | 2060 | 2065 | rBV2 | 1185  | 2362   | 0.51%  | 0.056% |
| 38 | 15.744 | 2075 | 2078 | 2079 | rVV  | 1815  | 1242   | 0.27%  | 0.029% |
| 39 | 15.780 | 2079 | 2084 | 2091 | rVB4 | 2281  | 4892   | 1.06%  | 0.116% |
| 40 | 15.974 | 2111 | 2117 | 2122 | rBV  | 97795 | 144682 | 31.33% | 3.424% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 41 | 16.026 | 2122 | 2126 | 2131 | rVV3 | 7579  | 11596 | 2.51% | 0.274% |
| 42 | 16.085 | 2131 | 2136 | 2145 | rVV2 | 18382 | 30131 | 6.52% | 0.713% |
| 43 | 16.150 | 2145 | 2147 | 2150 | rVV3 | 2792  | 4091  | 0.89% | 0.097% |
| 44 | 16.179 | 2150 | 2152 | 2156 | rVV3 | 4778  | 5613  | 1.22% | 0.133% |
| 45 | 16.279 | 2165 | 2169 | 2171 | rBV2 | 2048  | 2487  | 0.54% | 0.059% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 46 | 16.320 | 2171 | 2176 | 2184 | rVB3 | 14581 | 21506 | 4.66% | 0.509% |
| 47 | 16.408 | 2186 | 2191 | 2192 | rBV2 | 959   | 1282  | 0.28% | 0.030% |
| 48 | 16.461 | 2195 | 2200 | 2207 | rBV3 | 3743  | 7771  | 1.68% | 0.184% |
| 49 | 16.561 | 2214 | 2217 | 2220 | rVB4 | 1077  | 1210  | 0.26% | 0.029% |
| 50 | 16.661 | 2226 | 2234 | 2241 | rBV5 | 10472 | 19162 | 4.15% | 0.453% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 51 | 16.896 | 2270 | 2274 | 2279 | rVB5 | 1587 | 2521 | 0.55% | 0.060% |
| 52 | 17.084 | 2301 | 2306 | 2310 | rBV5 | 3498 | 5396 | 1.17% | 0.128% |
| 53 | 17.172 | 2318 | 2321 | 2324 | rVB2 | 1055 | 1692 | 0.37% | 0.040% |
| 54 | 17.248 | 2329 | 2334 | 2337 | rBV4 | 3398 | 5699 | 1.23% | 0.135% |
| 55 | 17.284 | 2338 | 2340 | 2345 | rVB5 | 2304 | 3712 | 0.80% | 0.088% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 56 | 17.378 | 2351 | 2356 | 2360 | rBV3 | 6133 | 8409 | 1.82% | 0.199% |
| 57 | 17.425 | 2362 | 2364 | 2365 | rBV2 | 2162 | 1750 | 0.38% | 0.041% |
| 58 | 17.477 | 2371 | 2373 | 2378 | rVB4 | 4502 | 5964 | 1.29% | 0.141% |
| 59 | 17.542 | 2380 | 2384 | 2390 | rVB  | 5820 | 8379 | 1.81% | 0.198% |
| 60 | 17.665 | 2401 | 2405 | 2408 | rBV3 | 1192 | 2299 | 0.50% | 0.054% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 61 | 17.724 | 2408 | 2415 | 2419 | rBV  | 188149 | 281601 | 60.97% | 6.664% |
| 62 | 17.771 | 2419 | 2423 | 2427 | rVB  | 90411  | 129957 | 28.14% | 3.075% |
| 63 | 17.824 | 2427 | 2432 | 2436 | rBV2 | 100215 | 149299 | 32.33% | 3.533% |
| 64 | 18.094 | 2476 | 2478 | 2479 | rBV  | 1811   | 1288   | 0.28%  | 0.030% |
| 65 | 18.124 | 2480 | 2483 | 2488 | rVV2 | 6262   | 10251  | 2.22%  | 0.243% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 66 | 18.165 | 2488 | 2490 | 2495 | rVV3 | 3544 | 4439 | 0.96% | 0.105% |
| 67 | 18.235 | 2497 | 2502 | 2506 | rBV4 | 3196 | 3972 | 0.86% | 0.094% |
| 68 | 18.312 | 2511 | 2515 | 2518 | rVB4 | 2221 | 3453 | 0.75% | 0.082% |
| 69 | 18.447 | 2533 | 2538 | 2540 | rBV3 | 2437 | 4749 | 1.03% | 0.112% |
| 70 | 18.517 | 2546 | 2550 | 2552 | rBV2 | 1605 | 2196 | 0.48% | 0.052% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 71 | 18.594 | 2555 | 2563 | 2567 | rBV3 | 17577 | 36698 | 7.95% | 0.868% |
| 72 | 18.640 | 2567 | 2571 | 2576 | rVB  | 22996 | 30892 | 6.69% | 0.731% |
| 73 | 18.717 | 2578 | 2584 | 2589 | rVB2 | 7891  | 13123 | 2.84% | 0.311% |
| 74 | 18.793 | 2589 | 2597 | 2600 | rBV3 | 20917 | 44977 | 9.74% | 1.064% |
| 75 | 18.922 | 2617 | 2619 | 2621 | rBV  | 2261  | 2190  | 0.47% | 0.052% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 76 | 18.981 | 2626 | 2629 | 2631 | rVV2 | 2430 | 2417 | 0.52% | 0.057% |
|----|--------|------|------|------|------|------|------|-------|--------|

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 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |        |         |         |
|-----|--------|------|------|------|------|--------|--------|---------|---------|
| 77  | 19.075 | 2641 | 2645 | 2649 | rBV  | 13398  | 19698  | 4.27%   | 0.466%  |
| 78  | 19.122 | 2650 | 2653 | 2663 | rVB6 | 9680   | 19040  | 4.12%   | 0.451%  |
| 79  | 19.316 | 2684 | 2686 | 2690 | rVB3 | 5000   | 4781   | 1.04%   | 0.113%  |
| 80  | 19.369 | 2692 | 2695 | 2698 | rVV3 | 4261   | 5769   | 1.25%   | 0.137%  |
| 81  | 19.410 | 2698 | 2702 | 2706 | rVB4 | 3308   | 4632   | 1.00%   | 0.110%  |
| 82  | 19.633 | 2737 | 2740 | 2748 | rVB6 | 11874  | 22397  | 4.85%   | 0.530%  |
| 83  | 19.757 | 2755 | 2761 | 2766 | rVB  | 186166 | 254727 | 55.15%  | 6.028%  |
| 84  | 19.892 | 2781 | 2784 | 2790 | rBV7 | 7535   | 12541  | 2.72%   | 0.297%  |
| 85  | 20.086 | 2811 | 2817 | 2820 | rBV2 | 147231 | 248735 | 53.86%  | 5.886%  |
| 86  | 20.121 | 2820 | 2823 | 2828 | rVV  | 155630 | 210356 | 45.55%  | 4.978%  |
| 87  | 20.174 | 2829 | 2832 | 2840 | rVB3 | 10909  | 15946  | 3.45%   | 0.377%  |
| 88  | 20.285 | 2847 | 2851 | 2856 | rVB  | 11227  | 17646  | 3.82%   | 0.418%  |
| 89  | 20.409 | 2868 | 2872 | 2882 | rBV6 | 23029  | 54930  | 11.89%  | 1.300%  |
| 90  | 20.597 | 2893 | 2904 | 2909 | rVB  | 26151  | 58294  | 12.62%  | 1.379%  |
| 91  | 20.697 | 2915 | 2921 | 2925 | rBV  | 27304  | 45604  | 9.87%   | 1.079%  |
| 92  | 20.902 | 2953 | 2956 | 2960 | rBV2 | 9797   | 11143  | 2.41%   | 0.264%  |
| 93  | 21.384 | 3035 | 3038 | 3044 | rVB2 | 14773  | 22697  | 4.91%   | 0.537%  |
| 94  | 22.030 | 3140 | 3148 | 3154 | rBV3 | 192427 | 461844 | 100.00% | 10.929% |
| 95  | 22.083 | 3154 | 3157 | 3163 | rVB  | 74359  | 116947 | 25.32%  | 2.767%  |
| 96  | 22.253 | 3181 | 3186 | 3191 | rBV6 | 9152   | 16647  | 3.60%   | 0.394%  |
| 97  | 24.427 | 3547 | 3556 | 3564 | rBV2 | 46766  | 182294 | 39.47%  | 4.314%  |
| 98  | 25.214 | 3684 | 3690 | 3697 | rBV2 | 22589  | 55684  | 12.06%  | 1.318%  |
| 99  | 25.302 | 3698 | 3705 | 3711 | rVV2 | 50662  | 122752 | 26.58%  | 2.905%  |
| 100 | 25.543 | 3738 | 3746 | 3755 | rVB2 | 85309  | 237239 | 51.37%  | 5.614%  |

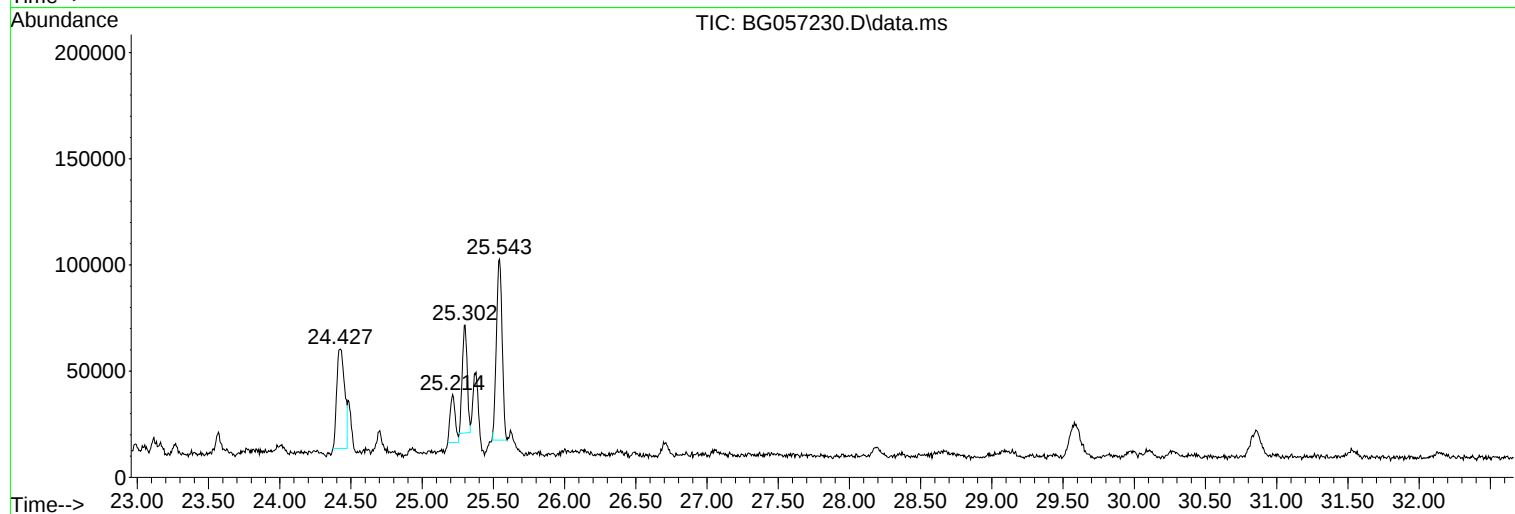
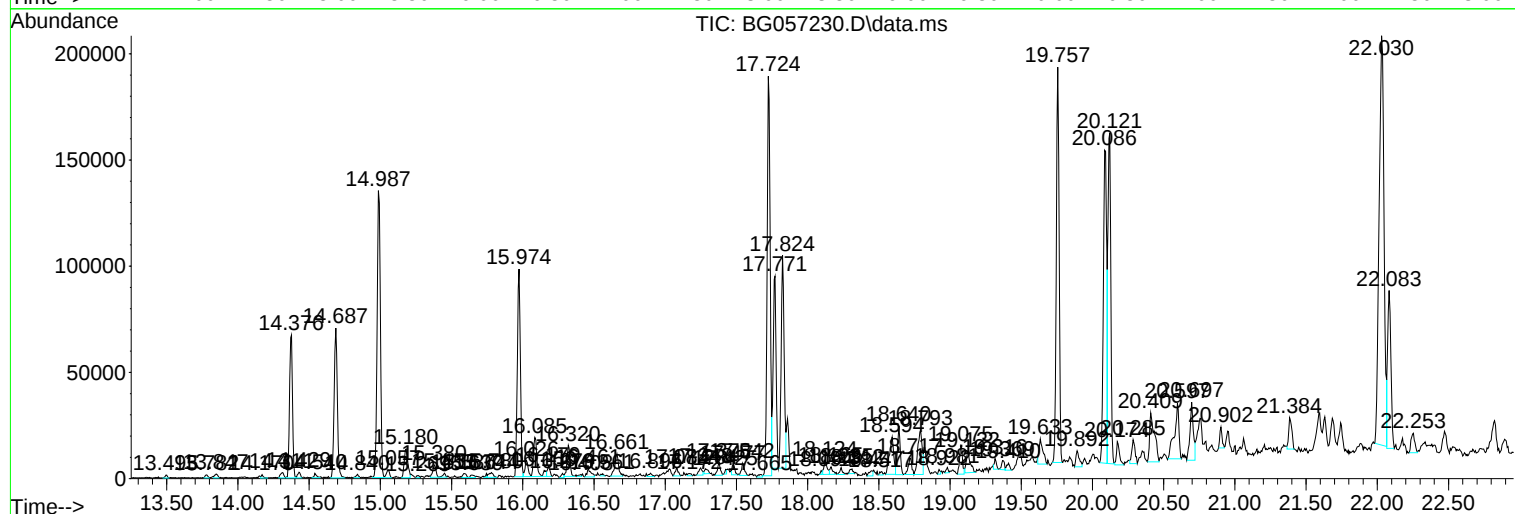
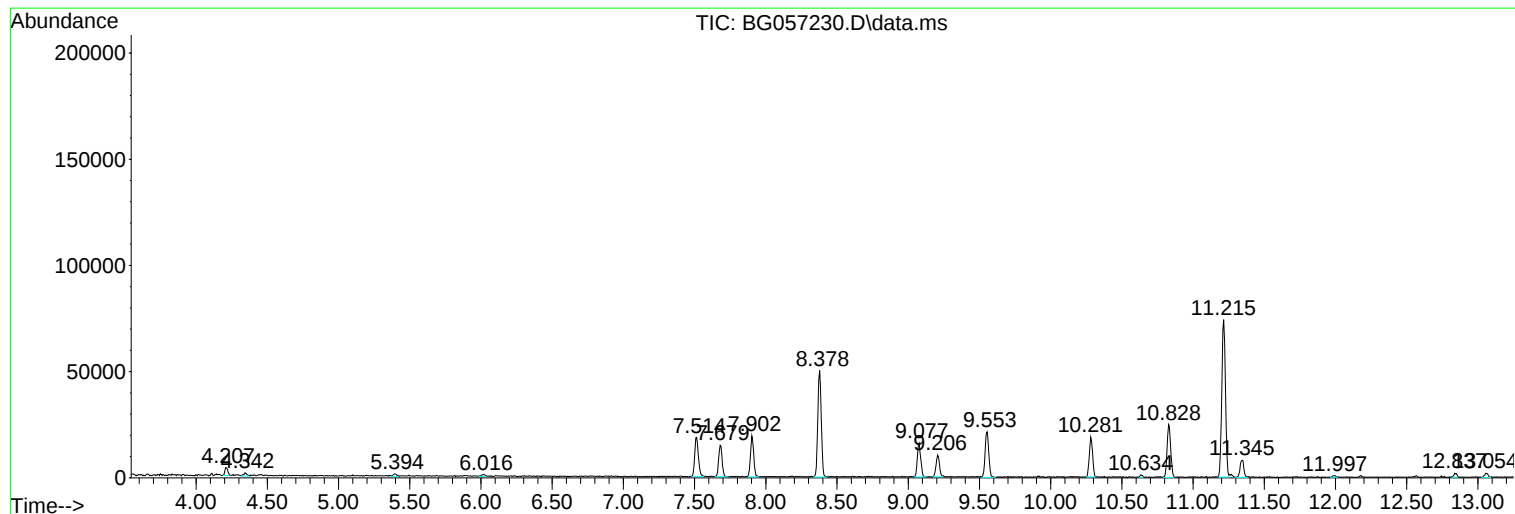
Sum of corrected areas: 4225777

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
Quant Title : SVOA CALIBRATION

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



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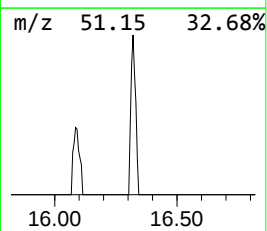
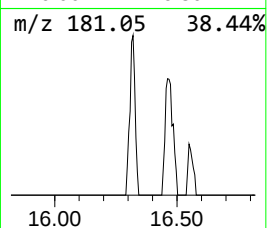
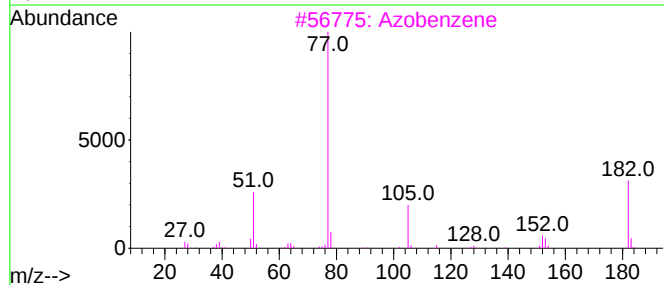
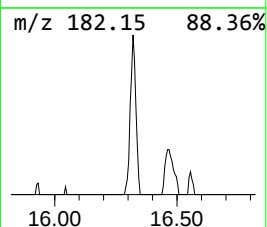
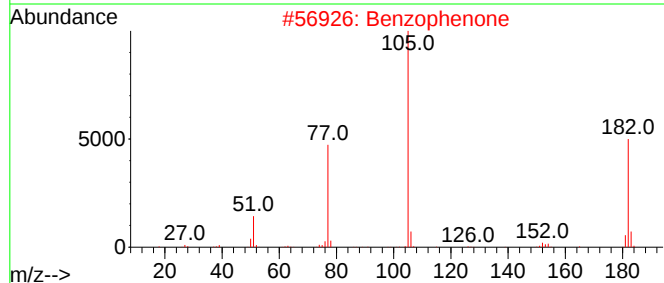
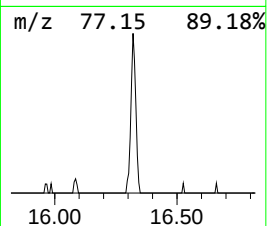
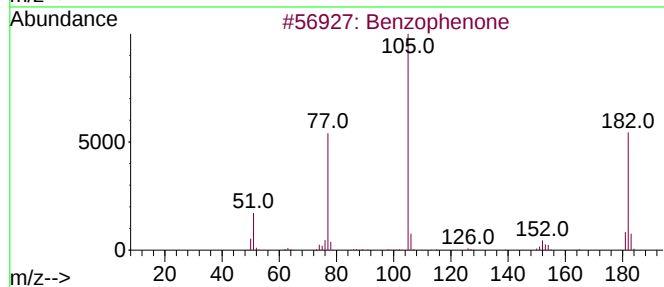
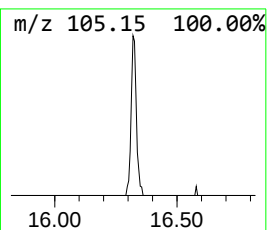
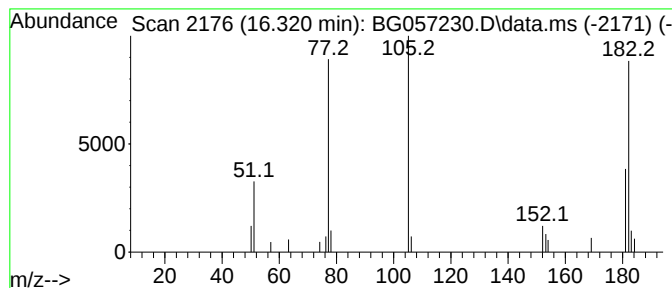
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzophenone Concentration Rank 7

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 16.320 | 2.03 ng/ul | 21506 | Acenaphthene-d10 | 14.987 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9  | 68   |
| 2    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9  | 64   |
| 3    |    |   | Azobenzene                          | 182 | C12H10N2 | 000103-33-3  | 59   |
| 4    |    |   | Benzenamine, N-(4-pyridinylmethy... | 182 | C12H10N2 | 027768-46-3  | 53   |
| 5    |    |   | 2-(2-Oxo-2-phenyl-ethyl)-malonon... | 184 | C11H8N2O | 1000296-76-9 | 38   |



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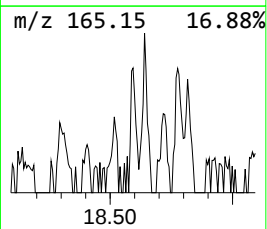
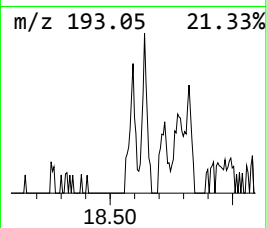
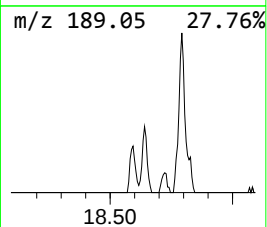
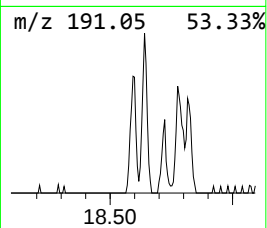
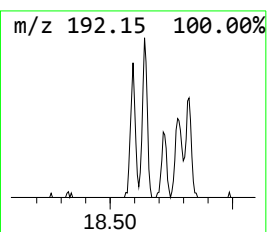
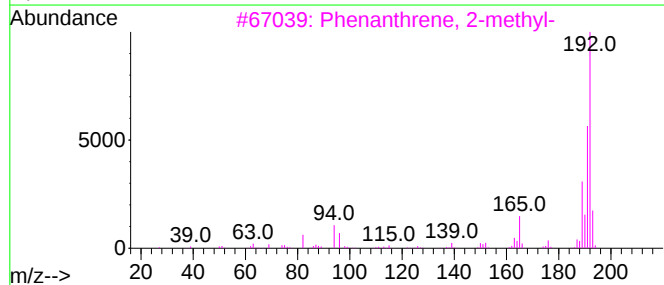
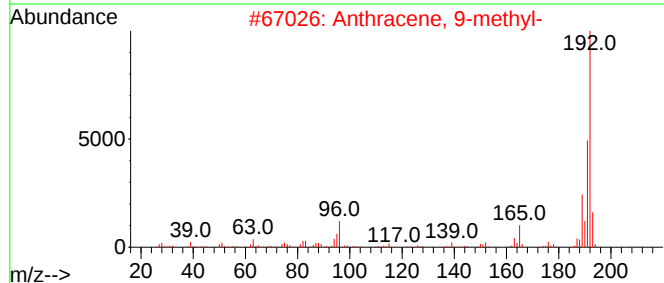
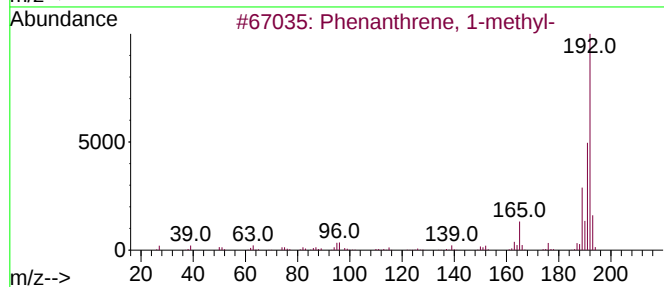
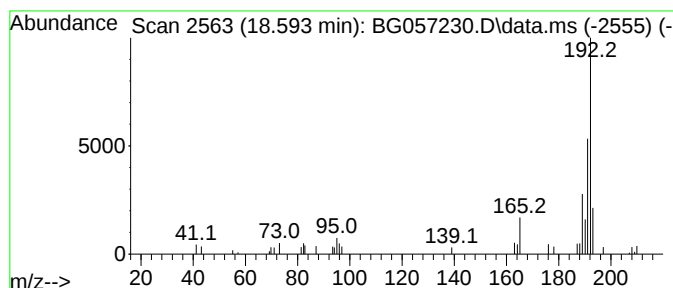
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.593 | 2.61 ng/ul | 36698 | Phenanthrene-d10 | 17.724 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 93   |
| 2    |      | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 91   |
| 3    |      | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 87   |
| 4    |      | Phenanthrene, 3-methyl- | 192 | C15H12  | 000832-71-3 | 87   |
| 5    |      | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
Data File : BG057230.D  
Acq On : 28 Apr 2023 23:36  
Operator : CG/JU  
Sample : 02417-03  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW8W9

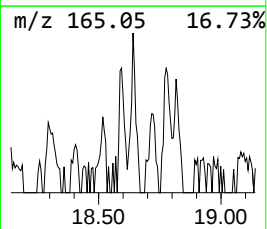
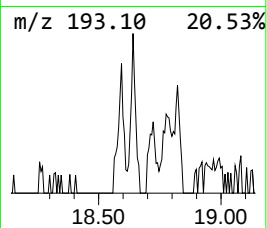
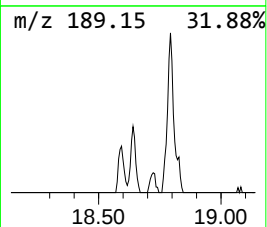
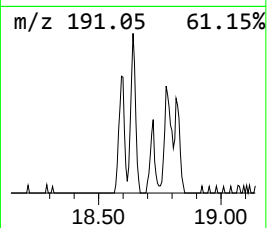
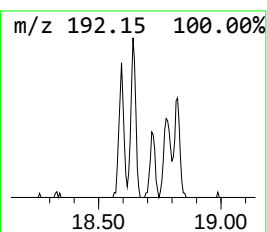
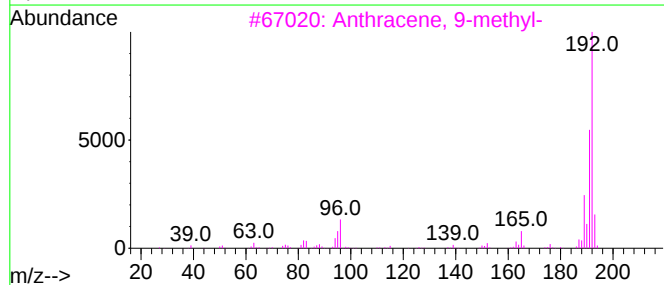
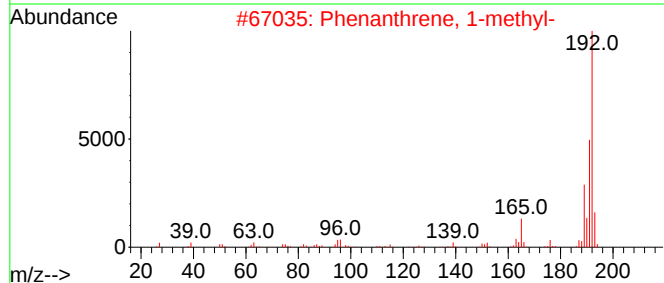
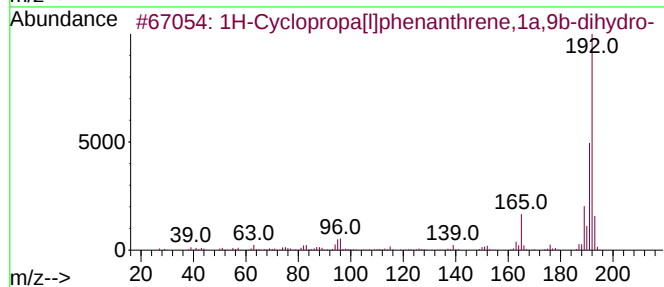
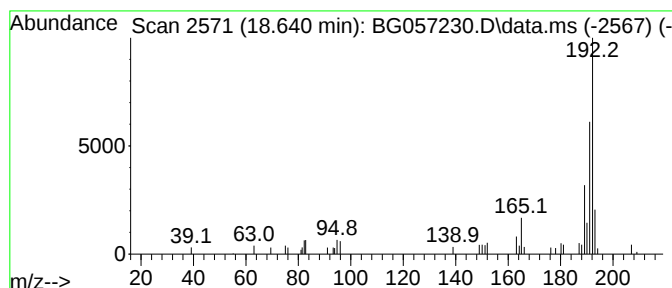
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

| R.T.      | EstConc                             | Area  | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------------------------|-------|------------------|---------|-------------|------|
| 18.640    | 2.19 ng/ul                          | 30892 | Phenanthrene-d10 |         | 17.724      |      |
| Hit# of 5 | Tentative ID                        |       | MW               | MolForm | CAS#        | Qual |
| 1         | 1H-Cyclopropa[l]phenanthrene,1a,... |       | 192              | C15H12  | 000949-41-7 | 96   |
| 2         | Phenanthrene, 1-methyl-             |       | 192              | C15H12  | 000832-69-9 | 94   |
| 3         | Anthracene, 9-methyl-               |       | 192              | C15H12  | 000779-02-2 | 94   |
| 4         | Phenanthrene, 2-methyl-             |       | 192              | C15H12  | 002531-84-2 | 91   |
| 5         | Anthracene, 9-methyl-               |       | 192              | C15H12  | 000779-02-2 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
Data File : BG057230.D  
Acq On : 28 Apr 2023 23:36  
Operator : CG/JU  
Sample : 02417-03  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW8W9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
Quant Title : SVOA CALIBRATION

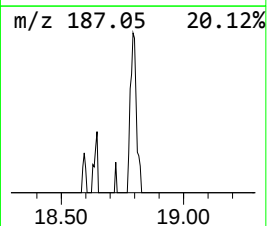
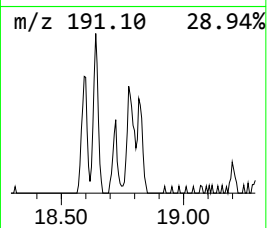
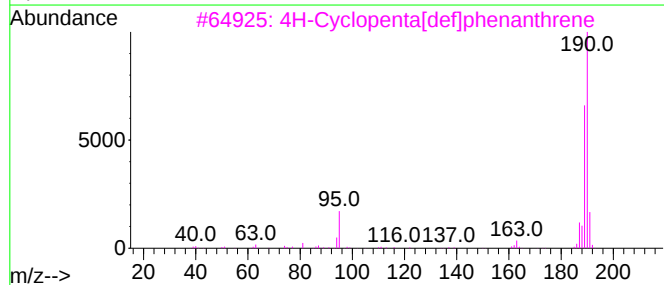
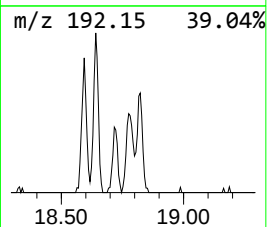
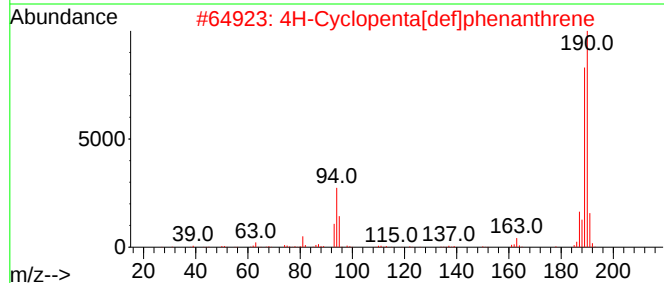
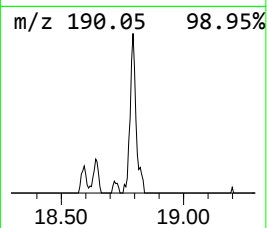
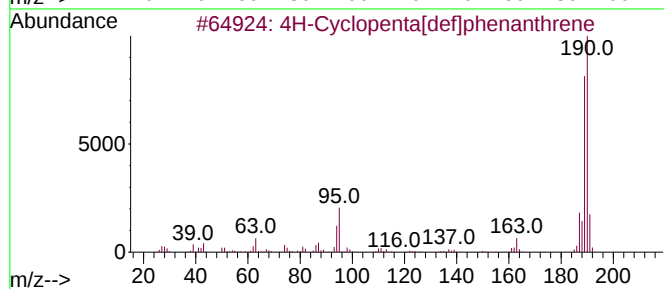
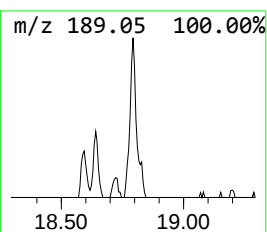
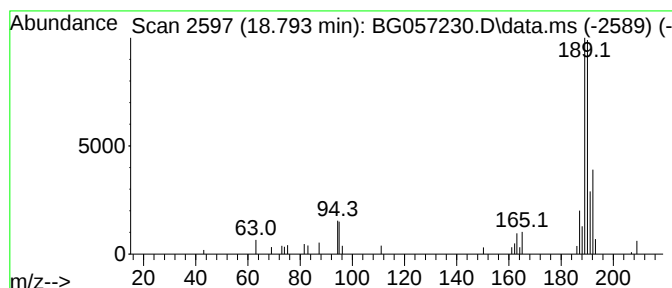
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.793 | 3.19 ng/ul | 44977 | Phenanthrene-d10 | 17.724 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5  | 70   |
| 2    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5  | 64   |
| 3    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5  | 59   |
| 4    |    |   | 1H-Pyrazole-4-carboxaldehyde, 1-... | 190 | C10H7FN2O | 1000338-05-6 | 50   |
| 5    |    |   | 6H-Cyclobuta[jk]phenanthrene        | 190 | C15H10    | 083469-43-6  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
Data File : BG057230.D  
Acq On : 28 Apr 2023 23:36  
Operator : CG/JU  
Sample : 02417-03  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW8W9

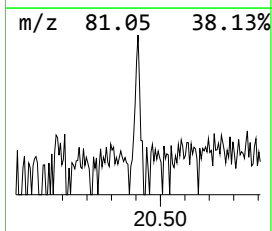
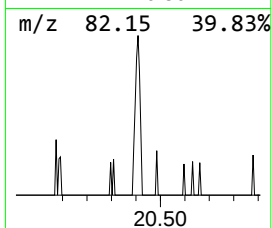
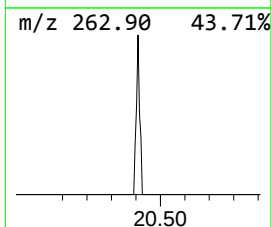
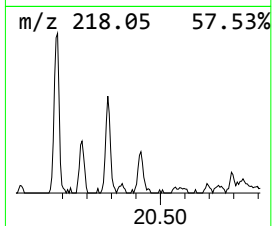
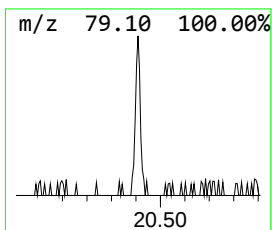
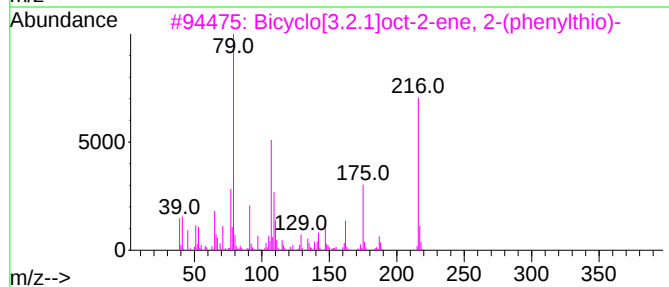
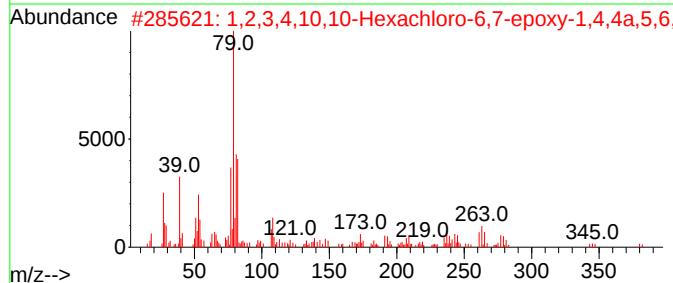
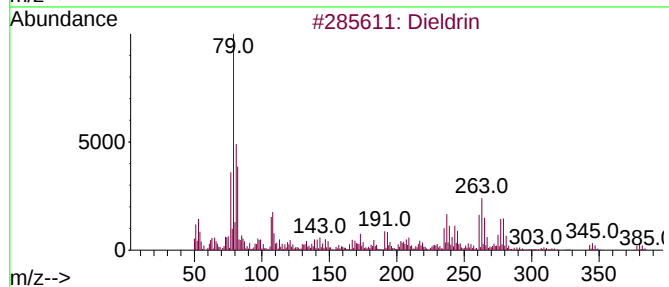
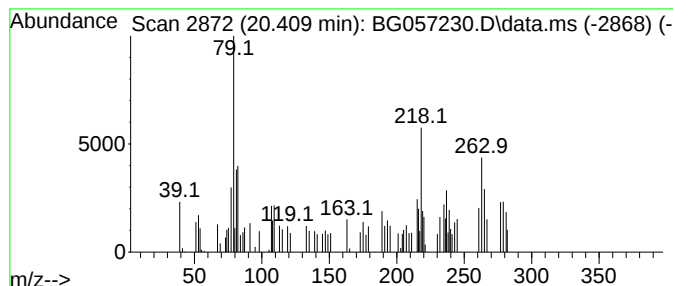
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 unknown-01 Concentration Rank 5

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 20.409    | 2.38 ng/ul                          | 54930 | Chrysene-d12     | 22.036       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | Dieldrin                            | 378   | C12H8Cl6O        | 000060-57-1  | 38   |
| 2         | 1,2,3,4,10,10-Hexachloro-6,7-epo... | 378   | C12H8Cl6O        | 056816-04-7  | 37   |
| 3         | Bicyclo[3.2.1]oct-2-ene, 2-(phen... | 216   | C14H16S          | 1000142-98-5 | 22   |
| 4         | 3-Pyridinecarboxylic acid, 4-(4-... | 277   | C15H16FN03       | 1000337-46-9 | 9    |
| 5         | 3,4-Dichlorophenylsuccinic acid     | 262   | C10H8Cl2O4       | 093553-81-2  | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
Data File : BG057230.D  
Acq On : 28 Apr 2023 23:36  
Operator : CG/JU  
Sample : 02417-03  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW8W9

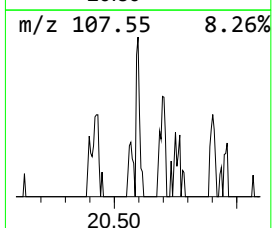
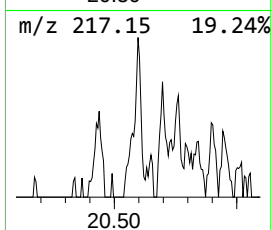
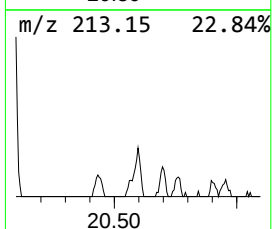
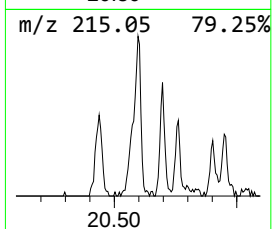
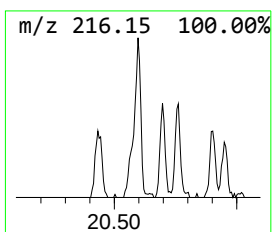
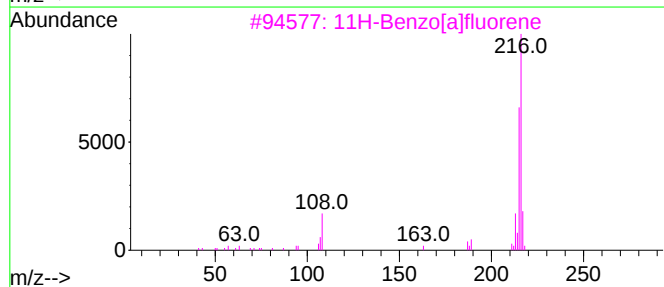
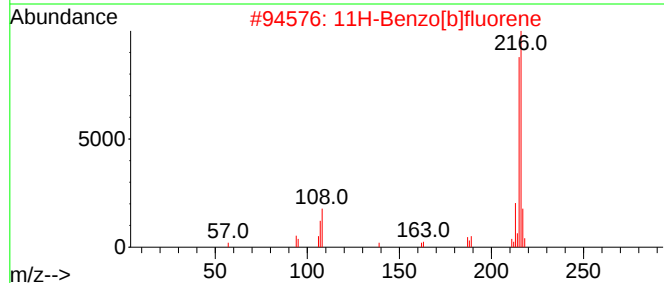
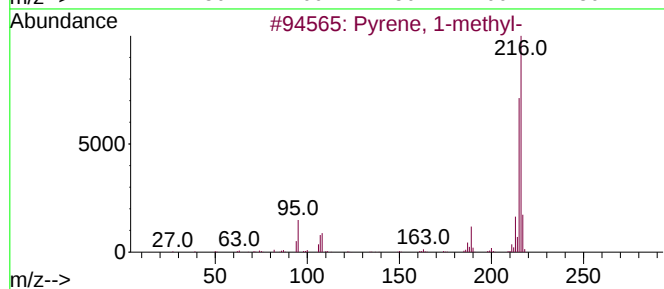
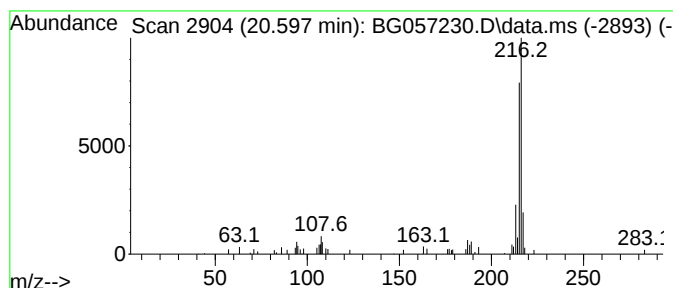
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 Pyrene, 1-methyl- Concentration Rank 4

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 20.597 | 2.52 ng/ul | 58294 | Chrysene-d12     | 22.036 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Pyrene, 1-methyl-    | 216 | C17H12  | 002381-21-7 | 94   |
| 2    |    |   | 11H-Benzo[b]fluorene | 216 | C17H12  | 000243-17-4 | 93   |
| 3    |    |   | 11H-Benzo[a]fluorene | 216 | C17H12  | 000238-84-6 | 91   |
| 4    |    |   | 11H-Benzo[b]fluorene | 216 | C17H12  | 000243-17-4 | 91   |
| 5    |    |   | Pyrene, 1-methyl-    | 216 | C17H12  | 002381-21-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
Data File : BG057230.D  
Acq On : 28 Apr 2023 23:36  
Operator : CG/JU  
Sample : 02417-03  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW8W9

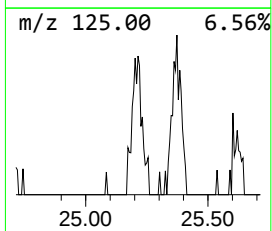
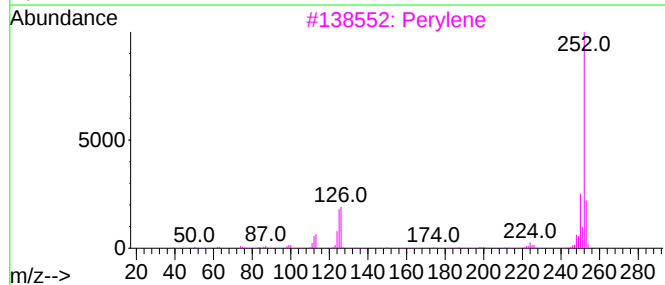
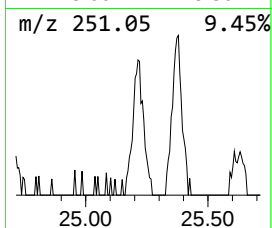
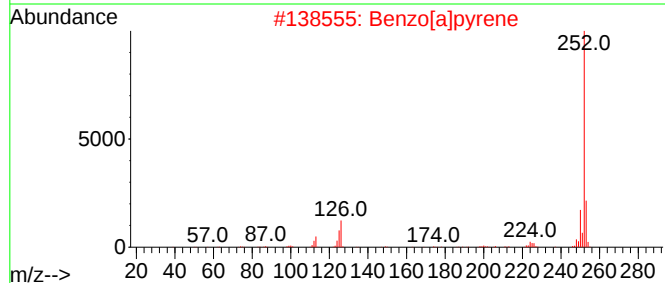
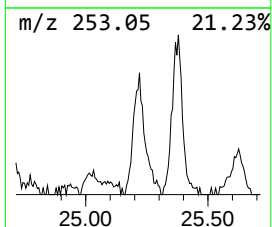
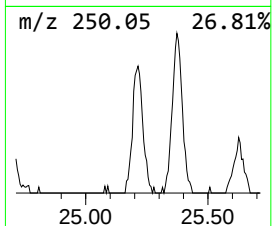
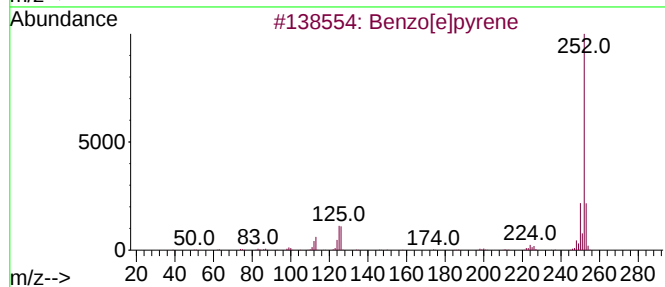
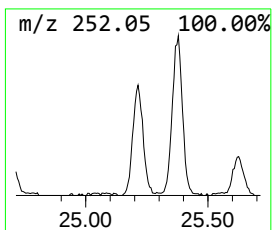
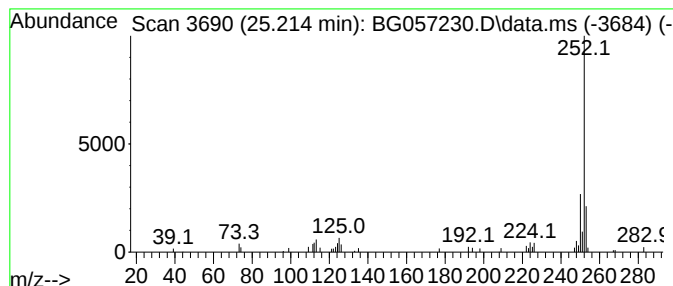
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 Benzo[e]pyrene Concentration Rank 1

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 25.214 | 4.69 ng/ul | 55684 | Perylene-d12     | 25.543 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 90   |
| 2    |    |   | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 81   |
| 3    |    |   | Perylene             | 252 | C20H12  | 000198-55-0 | 81   |
| 4    |    |   | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 81   |
| 5    |    |   | Benzo[j]fluoranthene | 252 | C20H12  | 000205-82-3 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
Data File : BG057230.D  
Acq On : 28 Apr 2023 23:36  
Operator : CG/JU  
Sample : 02417-03  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW8W9

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.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 |
| Benzophenone       | 16.320 | 2.0     | ng/u1 | 21506    | 3                     | 14.987 | 211918 | 20.0 |
| Phenanthrene, 1... | 18.593 | 2.6     | ng/u1 | 36698    | 4                     | 17.724 | 281601 | 20.0 |
| 1H-Cyclopropa[1... | 18.640 | 2.2     | ng/u1 | 30892    | 4                     | 17.724 | 281601 | 20.0 |
| 4H-Cyclopenta[d... | 18.793 | 3.2     | ng/u1 | 44977    | 4                     | 17.724 | 281601 | 20.0 |
| unknown-01         | 20.409 | 2.4     | ng/u1 | 54930    | 5                     | 22.036 | 461844 | 20.0 |
| Pyrene, 1-methyl-  | 20.597 | 2.5     | ng/u1 | 58294    | 5                     | 22.036 | 461844 | 20.0 |
| Benzo[e]pyrene     | 25.214 | 4.7     | ng/u1 | 55684    | 6                     | 25.543 | 237239 | 20.0 |