

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
 Data File : BG061459.D  
 Acq On : 4 Jun 2024 17:34  
 Operator : MA/JU  
 Sample : P2590-17  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BHBM1

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: BG061459.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         | 3.070       | 9             | 14          | 25           | rBV      | 1061779        | 1682914       | 100.00%         | 11.222%       |
| 2         | 3.328       | 52            | 58          | 63           | rVB3     | 3177           | 5500          | 0.33%           | 0.037%        |
| 3         | 3.746       | 124           | 129         | 136          | rBV3     | 22743          | 38283         | 2.27%           | 0.255%        |
| 4         | 3.851       | 143           | 147         | 156          | rVV      | 17657          | 24390         | 1.45%           | 0.163%        |
| 5         | 4.979       | 335           | 339         | 344          | rBV      | 2817           | 4508          | 0.27%           | 0.030%        |
| 6         | 7.071       | 688           | 695         | 704          | rVB      | 67418          | 121389        | 7.21%           | 0.809%        |
| 7         | 7.206       | 710           | 718         | 725          | rBB      | 46707          | 73431         | 4.36%           | 0.490%        |
| 8         | 7.418       | 747           | 754         | 759          | rBV      | 66848          | 109642        | 6.52%           | 0.731%        |
| 9         | 7.876       | 826           | 832         | 840          | rBB      | 104357         | 171680        | 10.20%          | 1.145%        |
| 10        | 8.599       | 948           | 955         | 964          | rBV2     | 62672          | 106960        | 6.36%           | 0.713%        |
| 11        | 8.699       | 968           | 972         | 976          | rBV      | 3127           | 4957          | 0.29%           | 0.033%        |
| 12        | 9.033       | 1022          | 1029        | 1037         | rVB      | 67805          | 119222        | 7.08%           | 0.795%        |
| 13        | 9.756       | 1146          | 1152        | 1159         | rVB      | 63108          | 109200        | 6.49%           | 0.728%        |
| 14        | 10.308      | 1240          | 1246        | 1255         | rBV      | 89713          | 159052        | 9.45%           | 1.061%        |
| 15        | 10.673      | 1300          | 1308        | 1314         | rBV      | 142823         | 245928        | 14.61%          | 1.640%        |
| 16        | 10.720      | 1314          | 1316        | 1321         | rVB4     | 4175           | 5576          | 0.33%           | 0.037%        |
| 17        | 10.808      | 1325          | 1331        | 1338         | rBV2     | 24717          | 43301         | 2.57%           | 0.289%        |
| 18        | 12.330      | 1585          | 1590        | 1596         | rVB2     | 6157           | 8833          | 0.52%           | 0.059%        |
| 19        | 12.553      | 1622          | 1628        | 1633         | rBV      | 6288           | 10246         | 0.61%           | 0.068%        |
| 20        | 13.340      | 1757          | 1762        | 1765         | rBV3     | 3331           | 5048          | 0.30%           | 0.034%        |
| 21        | 13.411      | 1769          | 1774        | 1778         | rBV2     | 3879           | 4918          | 0.29%           | 0.033%        |
| 22        | 13.681      | 1815          | 1820        | 1821         | rBV2     | 3746           | 5362          | 0.32%           | 0.036%        |
| 23        | 13.834      | 1840          | 1846        | 1851         | rVB3     | 9469           | 15208         | 0.90%           | 0.101%        |
| 24        | 13.916      | 1851          | 1860        | 1868         | rBV      | 171663         | 261556        | 15.54%          | 1.744%        |
| 25        | 14.075      | 1883          | 1887        | 1890         | rVV4     | 4456           | 6436          | 0.38%           | 0.043%        |
| 26        | 14.204      | 1904          | 1909        | 1920         | rVB      | 187129         | 287031        | 17.06%          | 1.914%        |
| 27        | 14.515      | 1952          | 1962        | 1968         | rBV      | 244676         | 378725        | 22.50%          | 2.525%        |
| 28        | 14.574      | 1968          | 1972        | 1979         | rVV      | 25522          | 40077         | 2.38%           | 0.267%        |
| 29        | 14.768      | 1999          | 2005        | 2011         | rBV2     | 37933          | 70038         | 4.16%           | 0.467%        |
| 30        | 14.880      | 2018          | 2024        | 2026         | rBV4     | 6060           | 9231          | 0.55%           | 0.062%        |
| 31        | 14.915      | 2026          | 2030        | 2037         | rVV      | 24788          | 38970         | 2.32%           | 0.260%        |
| 32        | 14.991      | 2040          | 2043        | 2049         | rVB3     | 6251           | 8366          | 0.50%           | 0.056%        |
| 33        | 15.138      | 2063          | 2068        | 2072         | rVB4     | 5028           | 8289          | 0.49%           | 0.055%        |
| 34        | 15.185      | 2072          | 2076        | 2083         | rBV4     | 4070           | 7083          | 0.42%           | 0.047%        |
| 35        | 15.308      | 2089          | 2097        | 2101         | rBV5     | 5644           | 10824         | 0.64%           | 0.072%        |
| 36        | 15.508      | 2122          | 2131        | 2136         | rVV      | 253231         | 374501        | 22.25%          | 2.497%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
 Data File : BG061459.D  
 Acq On : 4 Jun 2024 17:34  
 Operator : MA/JU  
 Sample : P2590-17  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BHBM1

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 | 15.561 | 2136 | 2140 | 2149 | rVV  | 47816 | 68810  | 4.09% | 0.459% |
| 38 | 15.655 | 2151 | 2156 | 2161 | rVV2 | 64455 | 100057 | 5.95% | 0.667% |
| 39 | 15.726 | 2165 | 2168 | 2173 | rVV4 | 7050  | 12501  | 0.74% | 0.083% |
| 40 | 15.773 | 2173 | 2176 | 2179 | rVV4 | 4250  | 6649   | 0.40% | 0.044% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 41 | 15.814 | 2180 | 2183 | 2186 | rVV4 | 4401  | 6136  | 0.36% | 0.041% |
| 42 | 15.861 | 2186 | 2191 | 2197 | rVV  | 16826 | 27081 | 1.61% | 0.181% |
| 43 | 16.008 | 2207 | 2216 | 2223 | rVV2 | 19179 | 40625 | 2.41% | 0.271% |
| 44 | 16.096 | 2227 | 2231 | 2235 | rVB4 | 4854  | 8243  | 0.49% | 0.055% |
| 45 | 16.237 | 2248 | 2255 | 2263 | rVB6 | 9453  | 19095 | 1.13% | 0.127% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 46 | 16.542 | 2301 | 2307 | 2308 | rBV4 | 7547  | 9823  | 0.58% | 0.066% |
| 47 | 16.572 | 2308 | 2312 | 2316 | rVV5 | 14474 | 23057 | 1.37% | 0.154% |
| 48 | 16.619 | 2316 | 2320 | 2324 | rVB3 | 6980  | 9668  | 0.57% | 0.064% |
| 49 | 16.719 | 2333 | 2337 | 2343 | rVB4 | 7352  | 10602 | 0.63% | 0.071% |
| 50 | 16.795 | 2343 | 2350 | 2355 | rBV3 | 12791 | 28003 | 1.66% | 0.187% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 51 | 16.842 | 2355 | 2358 | 2360 | rVB4 | 7348   | 7746   | 0.46%  | 0.052% |
| 52 | 16.918 | 2366 | 2371 | 2378 | rVB  | 28895  | 47862  | 2.84%  | 0.319% |
| 53 | 16.995 | 2378 | 2384 | 2394 | rBV4 | 14950  | 35328  | 2.10%  | 0.236% |
| 54 | 17.083 | 2394 | 2399 | 2408 | rVB  | 28502  | 48733  | 2.90%  | 0.325% |
| 55 | 17.265 | 2424 | 2430 | 2434 | rBV  | 322483 | 512342 | 30.44% | 3.416% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 56 | 17.306 | 2434 | 2437 | 2442 | rVV  | 521096 | 725187 | 43.09% | 4.836% |
| 57 | 17.365 | 2442 | 2447 | 2451 | rVV  | 284133 | 442993 | 26.32% | 2.954% |
| 58 | 17.400 | 2451 | 2453 | 2458 | rVB  | 101105 | 108746 | 6.46%  | 0.725% |
| 59 | 17.453 | 2458 | 2462 | 2470 | rVB3 | 15409  | 27054  | 1.61%  | 0.180% |
| 60 | 17.541 | 2472 | 2477 | 2479 | rBV5 | 6271   | 9049   | 0.54%  | 0.060% |

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 61 | 17.582 | 2479 | 2484 | 2488 | rVB7 | 6076  | 11477  | 0.68% | 0.077% |
| 62 | 17.670 | 2488 | 2499 | 2503 | rBV3 | 52339 | 102713 | 6.10% | 0.685% |
| 63 | 17.782 | 2514 | 2518 | 2523 | rBV4 | 12745 | 15799  | 0.94% | 0.105% |
| 64 | 17.847 | 2525 | 2529 | 2536 | rVB5 | 19696 | 33497  | 1.99% | 0.223% |
| 65 | 17.929 | 2540 | 2543 | 2544 | rBV3 | 5034  | 5093   | 0.30% | 0.034% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 66 | 17.982 | 2549 | 2552 | 2557 | rVB2 | 7024   | 12015  | 0.71%  | 0.080% |
| 67 | 18.070 | 2562 | 2567 | 2571 | rBV5 | 8021   | 12319  | 0.73%  | 0.082% |
| 68 | 18.140 | 2571 | 2579 | 2583 | rBV  | 87649  | 168318 | 10.00% | 1.122% |
| 69 | 18.193 | 2584 | 2588 | 2593 | rVV  | 121519 | 180944 | 10.75% | 1.207% |
| 70 | 18.270 | 2597 | 2601 | 2606 | rVB  | 33853  | 51250  | 3.05%  | 0.342% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 71 | 18.340 | 2606 | 2613 | 2616 | rBV2 | 113414 | 211969 | 12.60% | 1.413% |
| 72 | 18.375 | 2616 | 2619 | 2625 | rVB  | 58136  | 82239  | 4.89%  | 0.548% |
| 73 | 18.446 | 2628 | 2631 | 2636 | rBV6 | 13964  | 19548  | 1.16%  | 0.130% |
| 74 | 18.493 | 2636 | 2639 | 2642 | rBV4 | 21867  | 27938  | 1.66%  | 0.186% |
| 75 | 18.587 | 2651 | 2655 | 2659 | rVB7 | 8050   | 12738  | 0.76%  | 0.085% |

|    |        |      |      |      |     |       |       |       |        |
|----|--------|------|------|------|-----|-------|-------|-------|--------|
| 76 | 18.640 | 2659 | 2664 | 2668 | rBV | 66441 | 95081 | 5.65% | 0.634% |
|----|--------|------|------|------|-----|-------|-------|-------|--------|

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
 Data File : BG061459.D  
 Acq On : 4 Jun 2024 17:34  
 Operator : MA/JU  
 Sample : P2590-17  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BHBM1

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  | 18.693 | 2668 | 2673 | 2677 | rVB  | 63914  | 97052   | 5.77%  | 0.647% |
| 78  | 18.887 | 2703 | 2706 | 2711 | rVB4 | 19283  | 25885   | 1.54%  | 0.173% |
| 79  | 18.940 | 2711 | 2715 | 2718 | rBV2 | 24126  | 32716   | 1.94%  | 0.218% |
| 80  | 18.975 | 2719 | 2721 | 2726 | rVB  | 19424  | 25374   | 1.51%  | 0.169% |
| 81  | 19.057 | 2731 | 2735 | 2742 | rBV2 | 42501  | 93117   | 5.53%  | 0.621% |
| 82  | 19.210 | 2755 | 2761 | 2768 | rBV5 | 44633  | 112206  | 6.67%  | 0.748% |
| 83  | 19.327 | 2775 | 2781 | 2786 | rVB  | 784236 | 1098695 | 65.29% | 7.326% |
| 84  | 19.386 | 2788 | 2791 | 2794 | rBV2 | 17904  | 26086   | 1.55%  | 0.174% |
| 85  | 19.421 | 2794 | 2797 | 2803 | rVV7 | 20655  | 39239   | 2.33%  | 0.262% |
| 86  | 19.656 | 2832 | 2837 | 2840 | rBV2 | 501284 | 782943  | 46.52% | 5.221% |
| 87  | 19.692 | 2840 | 2843 | 2850 | rVV  | 642018 | 852234  | 50.64% | 5.683% |
| 88  | 19.756 | 2851 | 2854 | 2860 | rVB2 | 49028  | 76562   | 4.55%  | 0.511% |
| 89  | 19.868 | 2870 | 2873 | 2878 | rVB  | 45313  | 62430   | 3.71%  | 0.416% |
| 90  | 19.927 | 2880 | 2883 | 2889 | rVB  | 39021  | 57696   | 3.43%  | 0.385% |
| 91  | 20.009 | 2892 | 2897 | 2898 | rBV2 | 62598  | 89583   | 5.32%  | 0.597% |
| 92  | 20.179 | 2923 | 2926 | 2932 | rVB  | 124170 | 190021  | 11.29% | 1.267% |
| 93  | 20.279 | 2940 | 2943 | 2947 | rBV  | 73630  | 86175   | 5.12%  | 0.575% |
| 94  | 20.479 | 2975 | 2977 | 2980 | rVB  | 39956  | 36863   | 2.19%  | 0.246% |
| 95  | 20.937 | 3052 | 3055 | 3062 | rVB  | 84928  | 116188  | 6.90%  | 0.775% |
| 96  | 21.513 | 3147 | 3153 | 3159 | rBV3 | 495644 | 1233646 | 73.30% | 8.226% |
| 97  | 21.566 | 3159 | 3162 | 3173 | rVB  | 325209 | 528096  | 31.38% | 3.521% |
| 98  | 23.646 | 3510 | 3516 | 3522 | rBV  | 196061 | 529399  | 31.46% | 3.530% |
| 99  | 24.410 | 3641 | 3646 | 3651 | rVB  | 139200 | 279451  | 16.61% | 1.863% |
| 100 | 24.621 | 3676 | 3682 | 3690 | rVB3 | 228208 | 570229  | 33.88% | 3.802% |

Sum of corrected areas: 14996889



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061459.D  
Acq On : 4 Jun 2024 17:34  
Operator : MA/JU  
Sample : P2590-17  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM1

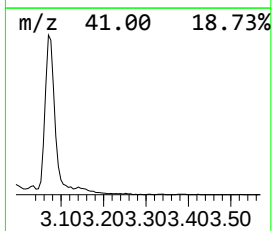
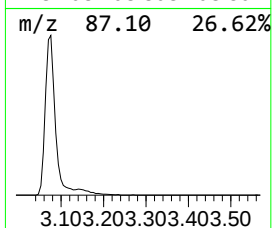
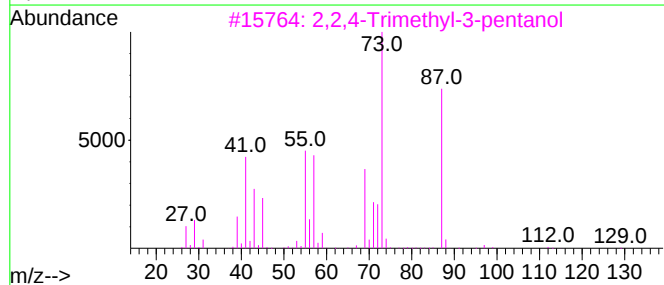
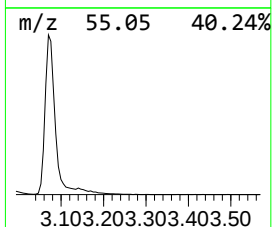
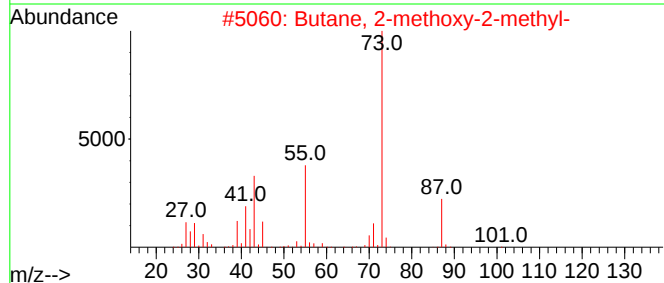
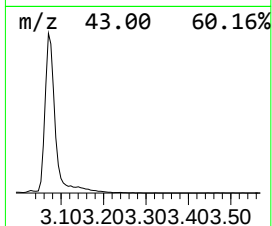
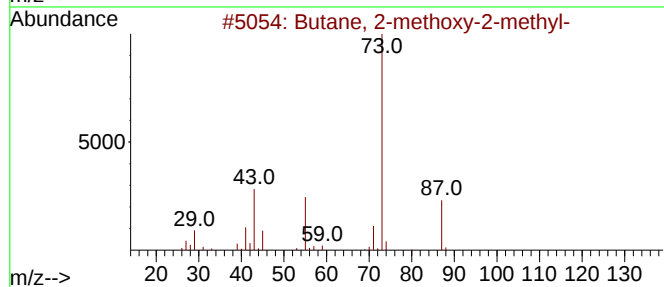
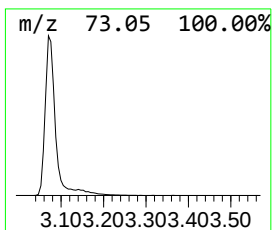
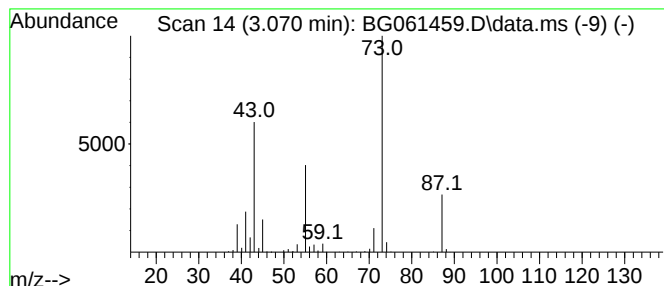
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc      | Area    | Relative to ISTD       | R.T.  |
|-------|--------------|---------|------------------------|-------|
| 3.070 | 196.05 ng/ul | 1682910 | 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 | 83   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 38   |
| 4    |    |   | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 37   |
| 5    |    |   | 3-Pentanol, 3-methyl-       | 102 | C6H14O  | 000077-74-7 | 33   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061459.D  
Acq On : 4 Jun 2024 17:34  
Operator : MA/JU  
Sample : P2590-17  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM1

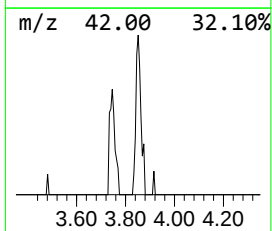
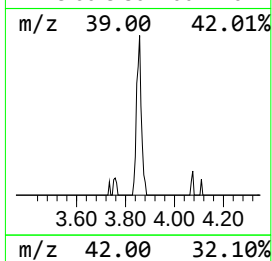
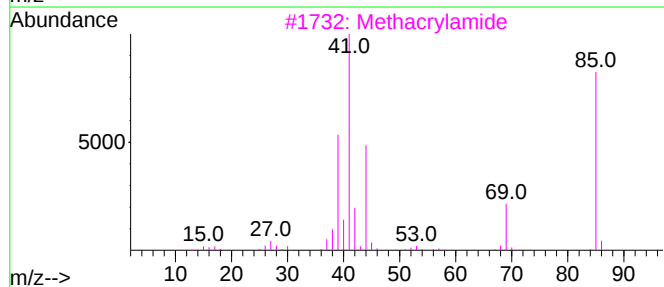
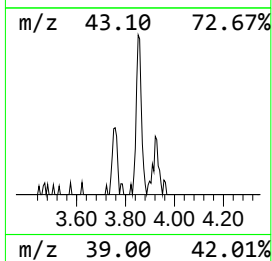
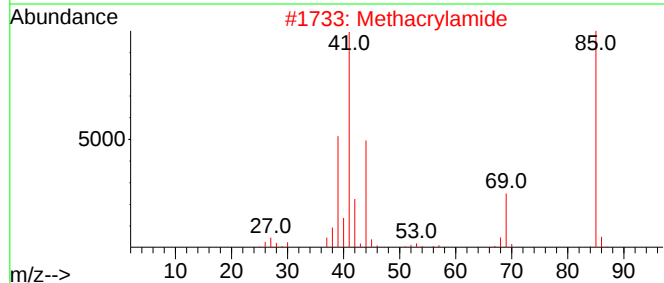
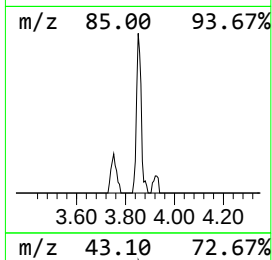
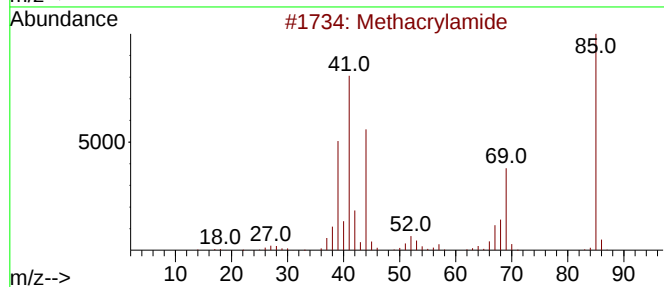
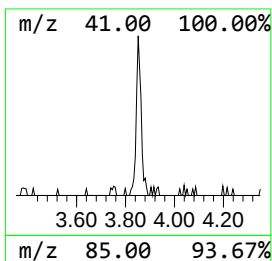
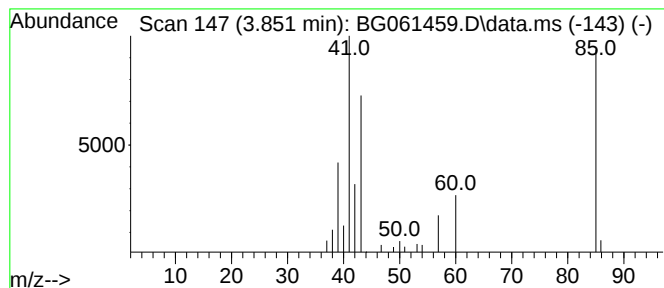
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Methacrylamide Concentration Rank 11

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 3.851 | 2.84 ng/ul | 24390 | 1,4-Dichlorobenzene-d4 | 7.876 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Methacrylamide             | 85  | C4H7NO  | 000079-39-0 | 64   |
| 2    |    |   | Methacrylamide             | 85  | C4H7NO  | 000079-39-0 | 58   |
| 3    |    |   | Methacrylamide             | 85  | C4H7NO  | 000079-39-0 | 58   |
| 4    |    |   | Pentane, 2-bromo-4-methyl- | 164 | C6H13Br | 030310-22-6 | 33   |
| 5    |    |   | 2-Pyrrolidinone            | 85  | C4H7NO  | 000616-45-5 | 32   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061459.D  
Acq On : 4 Jun 2024 17:34  
Operator : MA/JU  
Sample : P2590-17  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM1

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

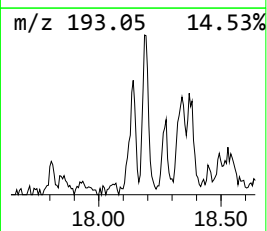
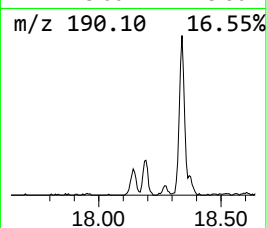
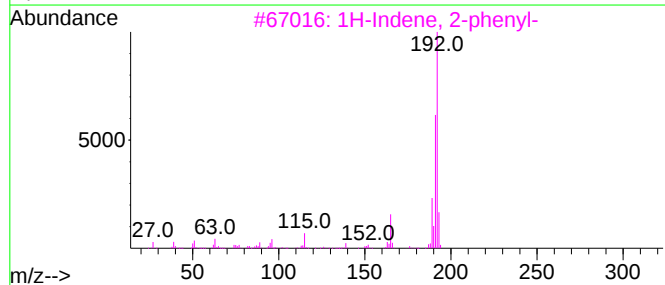
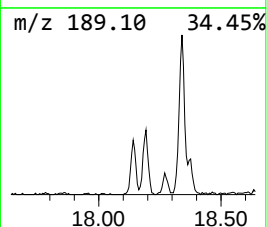
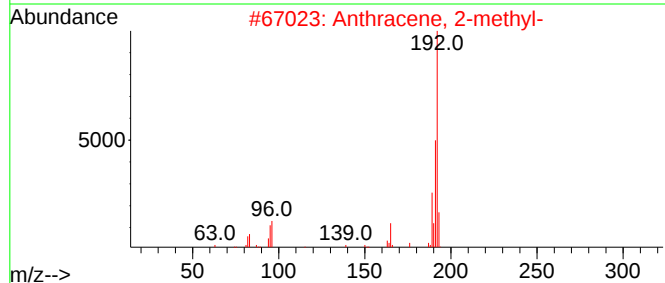
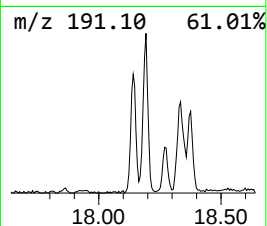
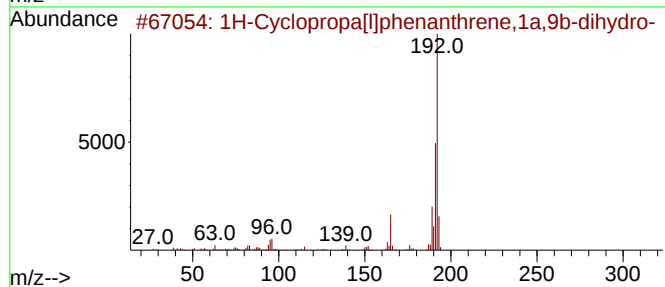
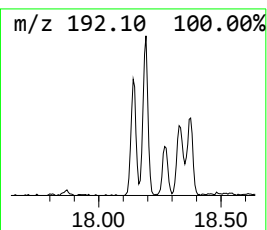
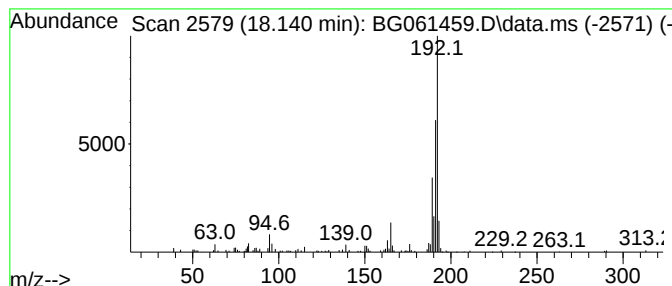
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.140 | 6.57 ng/ul | 168318 | Phenanthrene-d10 | 17.265 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12  | 000949-41-7 | 93   |
| 2    |    |   | Anthracene, 2-methyl-               | 192 | C15H12  | 000613-12-7 | 93   |
| 3    |    |   | 1H-Indene, 2-phenyl-                | 192 | C15H12  | 004505-48-0 | 93   |
| 4    |    |   | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 93   |
| 5    |    |   | Phenanthrene, 4-methyl-             | 192 | C15H12  | 000832-64-4 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061459.D  
Acq On : 4 Jun 2024 17:34  
Operator : MA/JU  
Sample : P2590-17  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM1

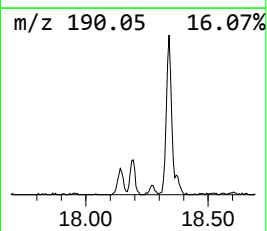
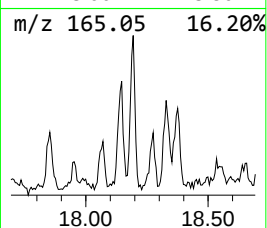
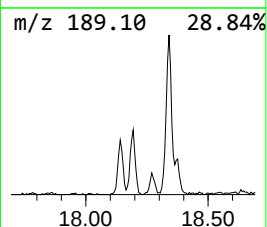
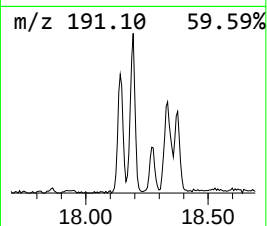
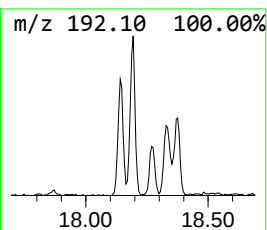
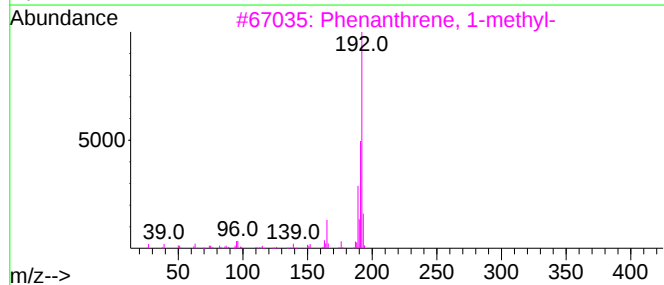
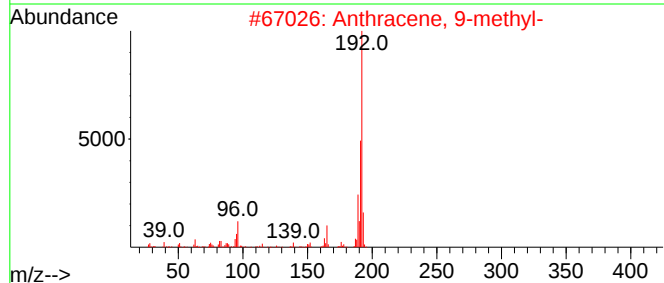
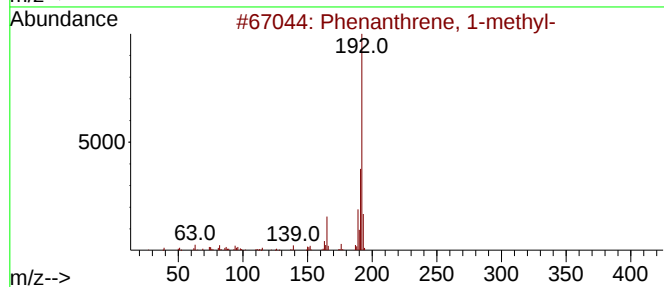
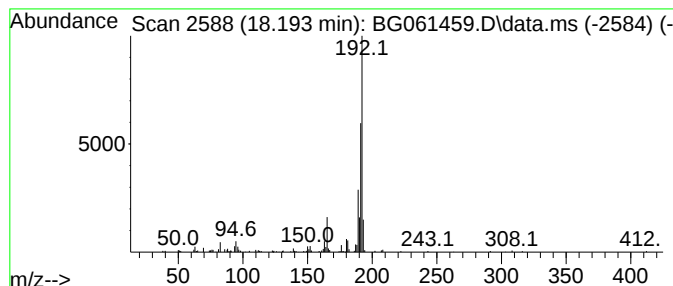
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.193 | 7.06 ng/ul | 180944 | Phenanthrene-d10 | 17.265 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 92   |
| 2    |    |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 91   |
| 3    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 91   |
| 4    |    |   | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 91   |
| 5    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061459.D  
Acq On : 4 Jun 2024 17:34  
Operator : MA/JU  
Sample : P2590-17  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM1

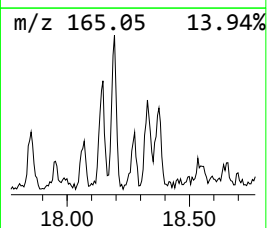
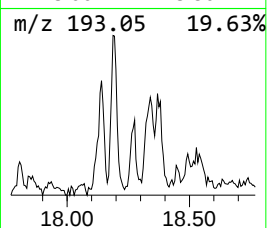
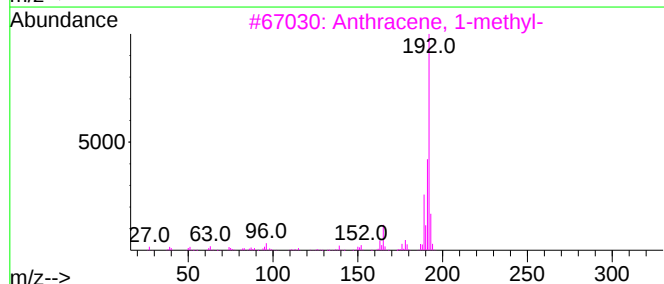
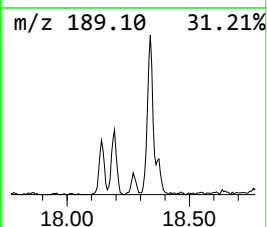
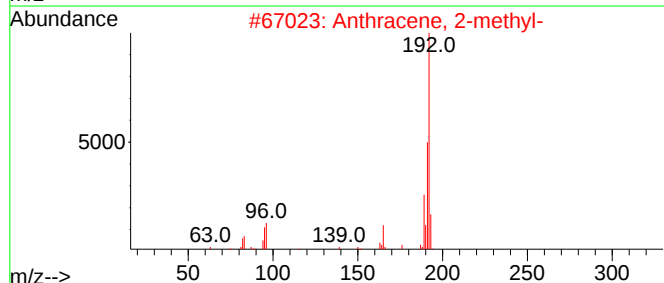
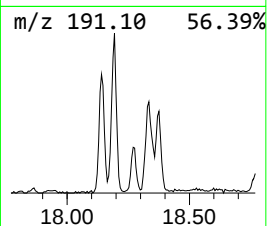
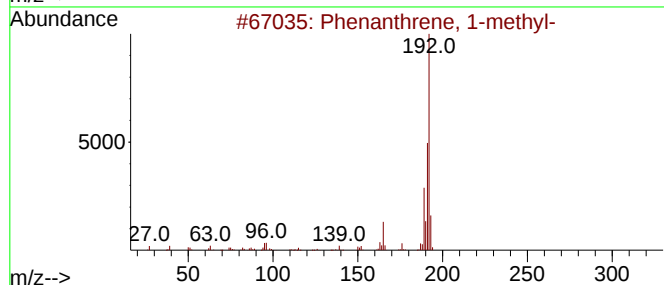
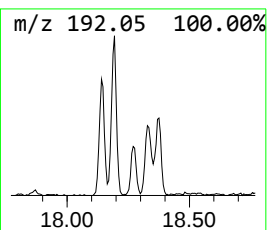
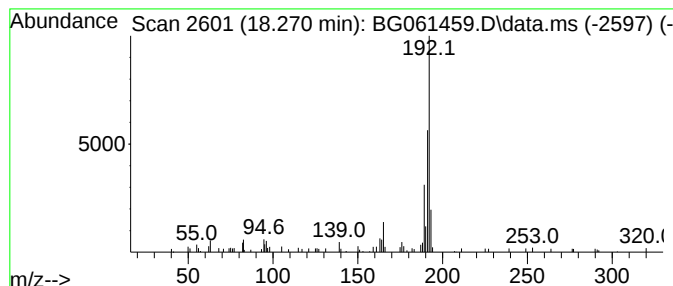
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 12

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.270 | 2.00 ng/ul | 51250 | Phenanthrene-d10 | 17.265 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 95   |
| 2    |    |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 91   |
| 3    |    |   | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 91   |
| 4    |    |   | Phenanthrene, 4-methyl- | 192 | C15H12  | 000832-64-4 | 91   |
| 5    |    |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061459.D  
Acq On : 4 Jun 2024 17:34  
Operator : MA/JU  
Sample : P2590-17  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM1

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

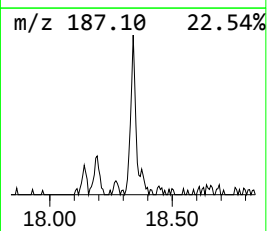
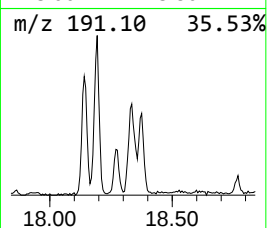
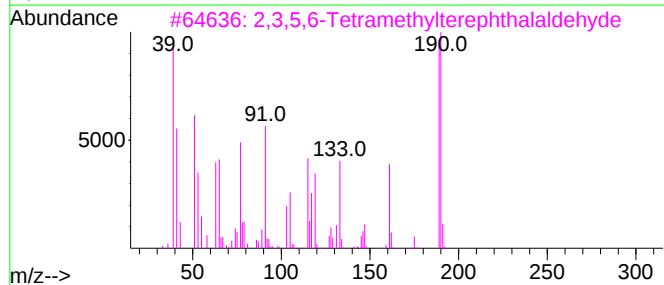
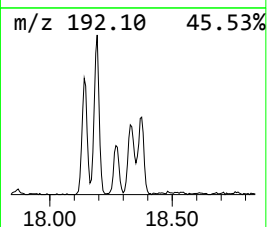
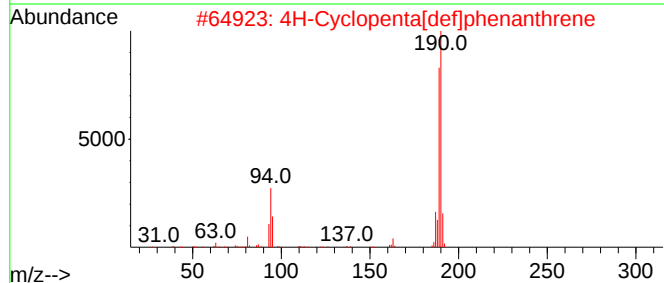
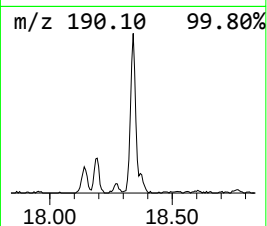
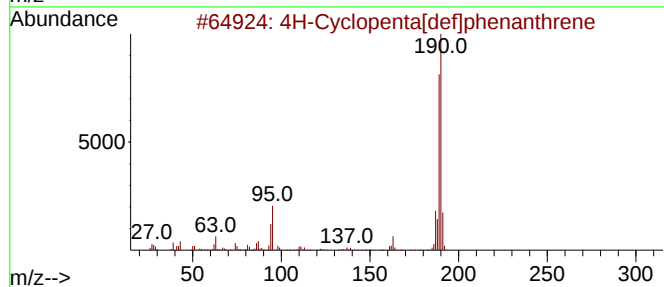
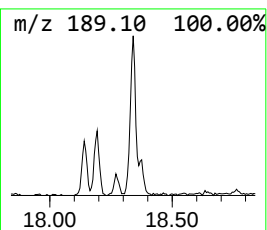
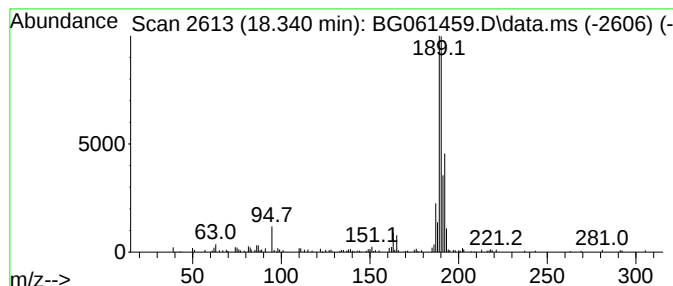
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.340 | 8.27 ng/ul | 211969 | Phenanthrene-d10 | 17.265 |

| 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 | 68   |
| 3    |    |   | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2 | 007072-01-7 | 47   |
| 4    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10   | 000203-64-5 | 43   |
| 5    |    |   | 6H-Cyclobuta[jk]phenanthrene        | 190 | C15H10   | 083469-43-6 | 42   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061459.D  
Acq On : 4 Jun 2024 17:34  
Operator : MA/JU  
Sample : P2590-17  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM1

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

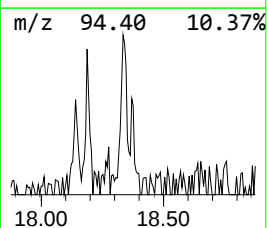
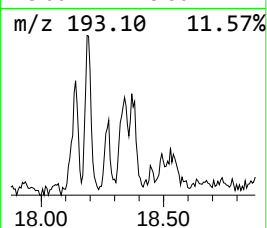
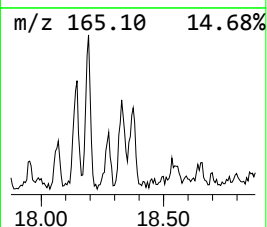
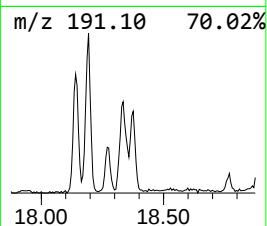
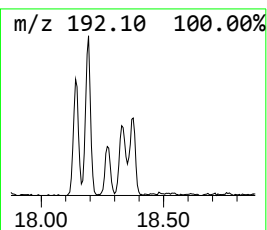
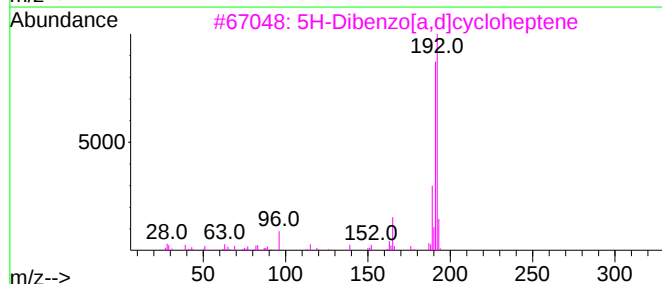
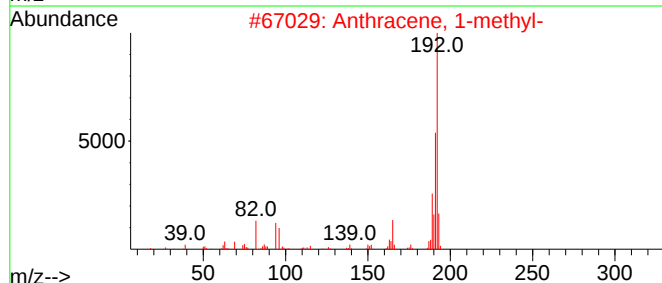
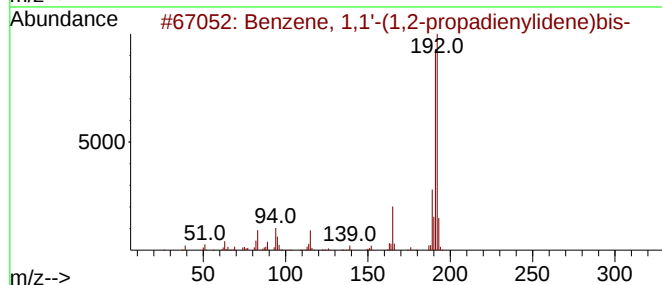
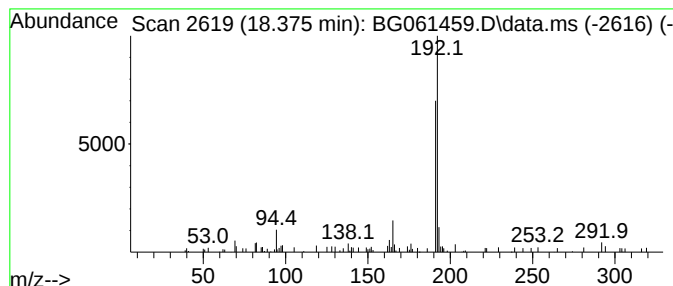
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Benzene, 1,1'-(1,2-propadienylidene)bis- Concentration Rank 9

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.375 | 3.21 ng/ul | 82239 | Phenanthrene-d10 | 17.265 |

| Hit# | of | 5 | Tentative ID                             | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,1'-(1,2-propadienylidene)bis- | 192 | C15H12  | 014251-57-1 | 86   |
| 2    |    |   | Anthracene, 1-methyl-                    | 192 | C15H12  | 000610-48-0 | 83   |
| 3    |    |   | 5H-Dibenzo[a,d]cycloheptene              | 192 | C15H12  | 000256-81-5 | 83   |
| 4    |    |   | Phenanthrene, 4-methyl-                  | 192 | C15H12  | 000832-64-4 | 83   |
| 5    |    |   | Phenanthrene, 2-methyl-                  | 192 | C15H12  | 002531-84-2 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061459.D  
Acq On : 4 Jun 2024 17:34  
Operator : MA/JU  
Sample : P2590-17  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM1

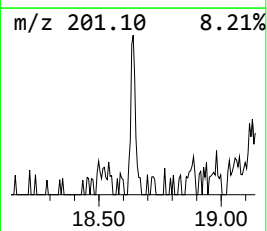
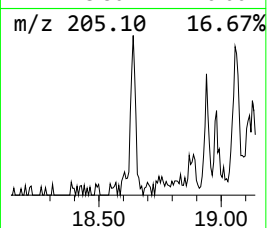
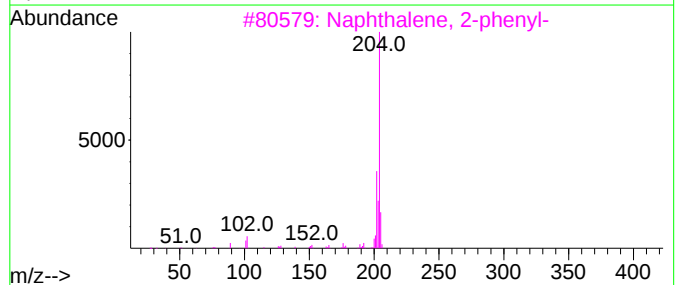
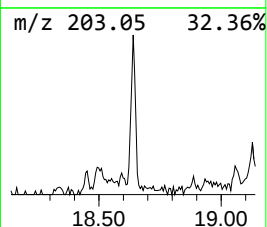
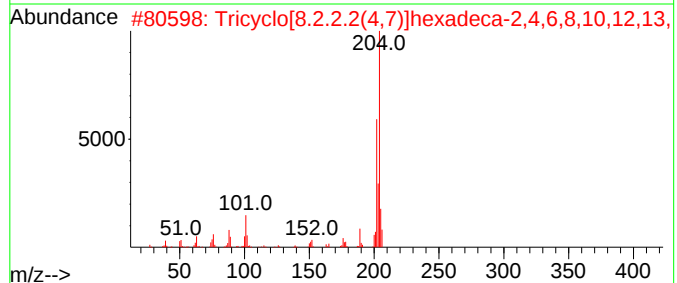
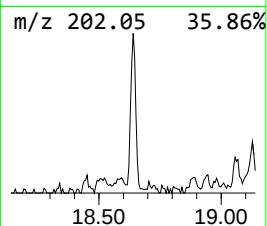
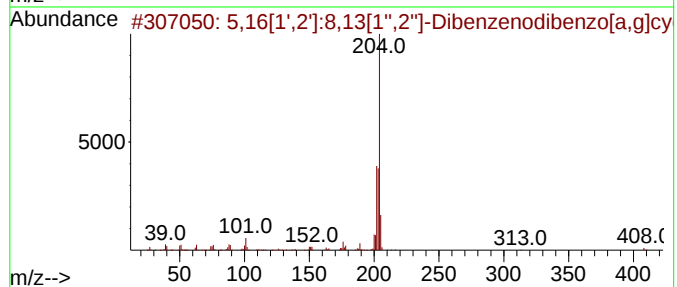
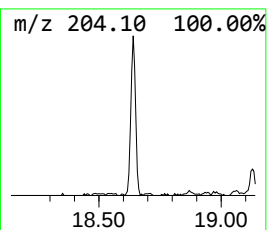
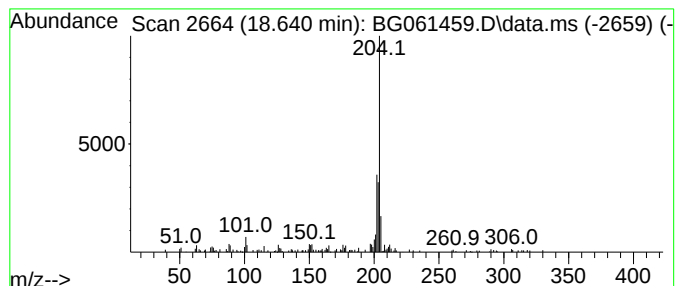
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.640 | 3.71 ng/ul | 95081 | Phenanthrene-d10 | 17.265 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24       | 005672-97-9 | 83      |      |      |
| 2    | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12       | 006572-60-7 | 70      |      |      |
| 3    | Naphthalene, 2-phenyl-              | 204 | C16H12       | 000612-94-2 | 70      |      |      |
| 4    | Naphthalene, 2-phenyl-              | 204 | C16H12       | 000612-94-2 | 70      |      |      |
| 5    | Naphthalene, 2-phenyl-              | 204 | C16H12       | 000612-94-2 | 70      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061459.D  
Acq On : 4 Jun 2024 17:34  
Operator : MA/JU  
Sample : P2590-17  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM1

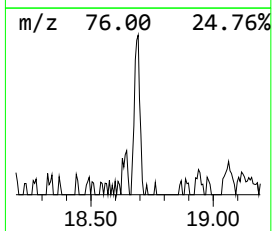
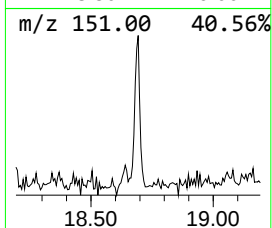
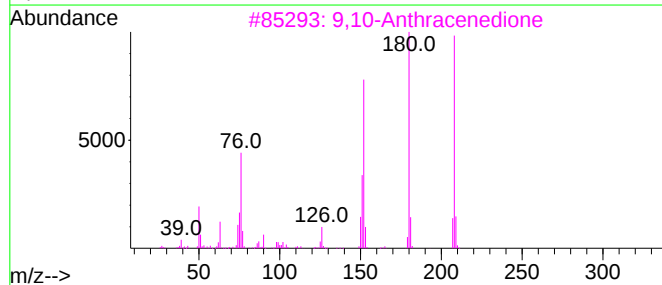
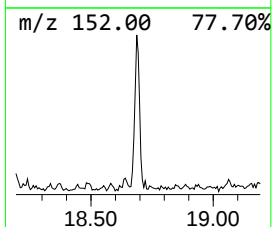
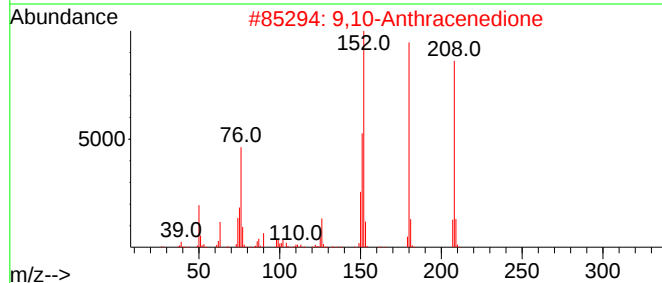
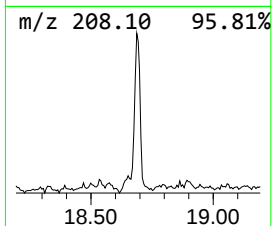
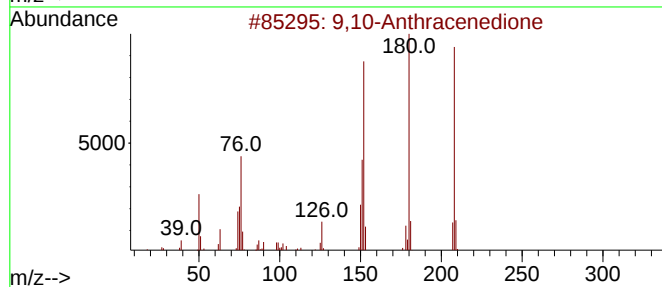
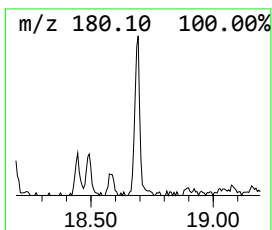
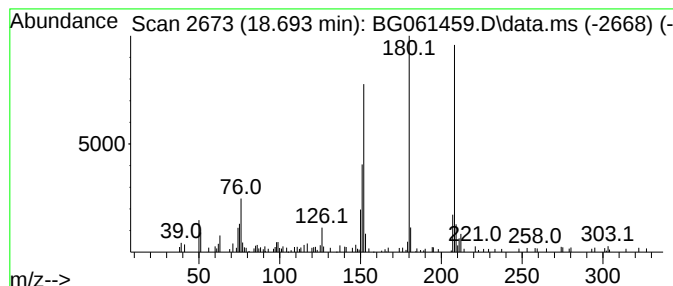
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 9,10-Anthracenedione Concentration Rank 6

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 18.693 | 3.79 ng/ul | 97052 | Phenanthrene-d10 | 17.265 |

| Hit# | of                   | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----------------------|---|--------------|-----|---------|-------------|------|
| 1    | 9,10-Anthracenedione |   |              | 208 | C14H8O2 | 000084-65-1 | 97   |
| 2    | 9,10-Anthracenedione |   |              | 208 | C14H8O2 | 000084-65-1 | 97   |
| 3    | 9,10-Anthracenedione |   |              | 208 | C14H8O2 | 000084-65-1 | 93   |
| 4    | 9,10-Anthracenedione |   |              | 208 | C14H8O2 | 000084-65-1 | 93   |
| 5    | 9H-Fluoren-9-one     |   |              | 180 | C13H8O  | 000486-25-9 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061459.D  
Acq On : 4 Jun 2024 17:34  
Operator : MA/JU  
Sample : P2590-17  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM1

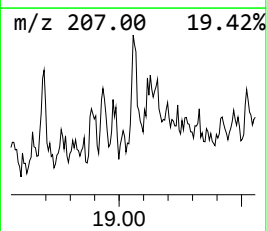
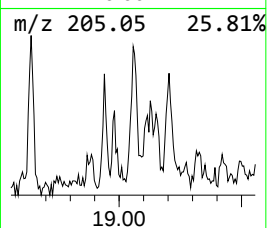
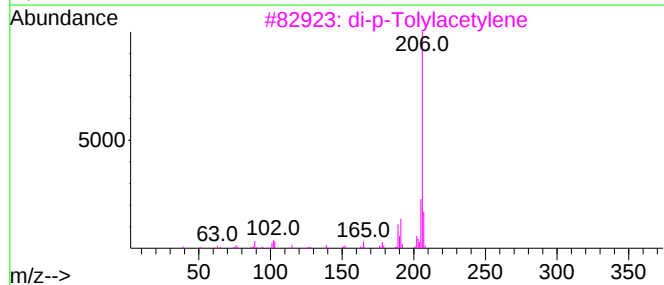
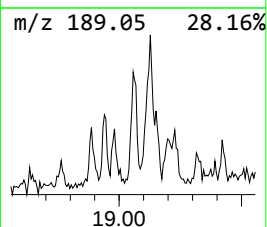
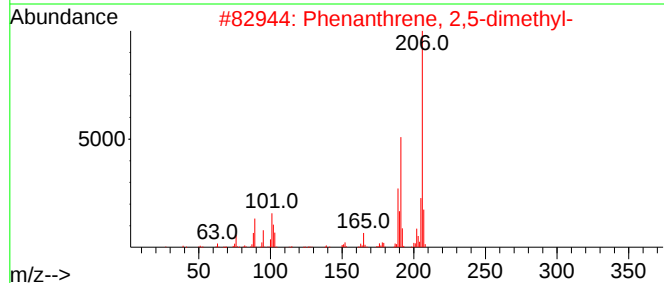
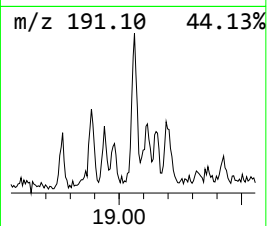
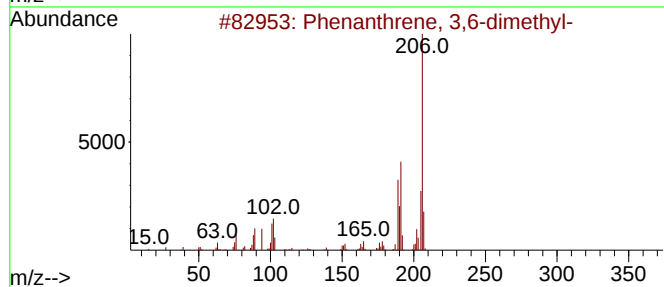
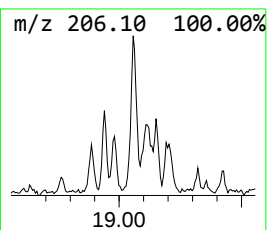
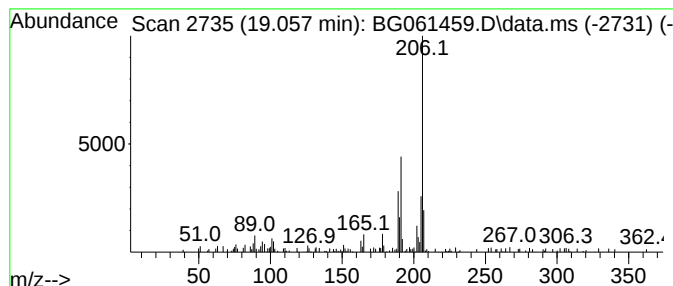
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 19.057 | 3.63 ng/ul | 93117 | Phenanthrene-d10 | 17.265 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 3,6-dimethyl- | 206 | C16H14  | 001576-67-6 | 93   |
| 2    |    |   | Phenanthrene, 2,5-dimethyl- | 206 | C16H14  | 003674-66-6 | 93   |
| 3    |    |   | di-p-Tolylacetylene         | 206 | C16H14  | 002789-88-0 | 91   |
| 4    |    |   | di-p-Tolylacetylene         | 206 | C16H14  | 002789-88-0 | 90   |
| 5    |    |   | Phenanthrene, 1,7-dimethyl- | 206 | C16H14  | 000483-87-4 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061459.D  
Acq On : 4 Jun 2024 17:34  
Operator : MA/JU  
Sample : P2590-17  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

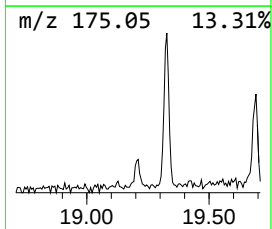
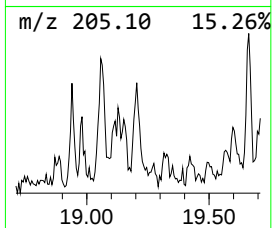
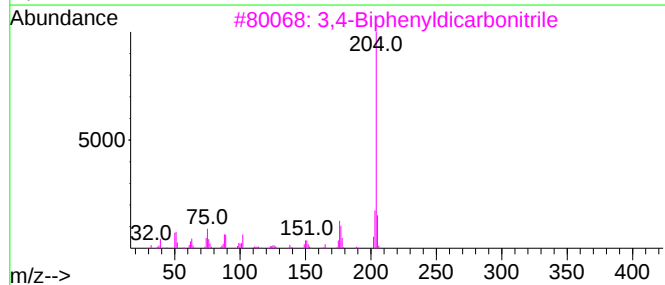
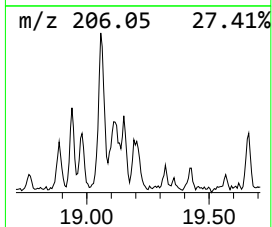
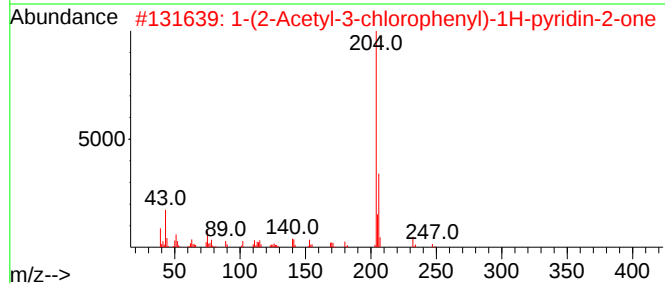
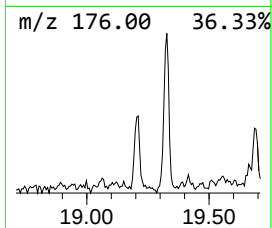
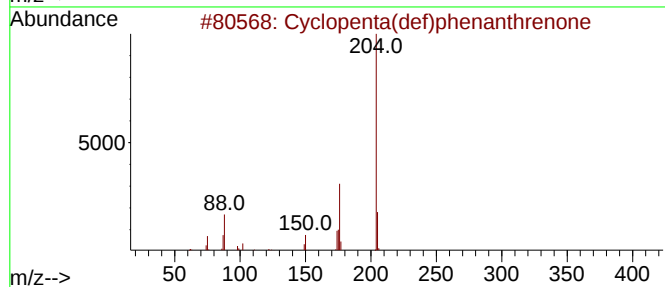
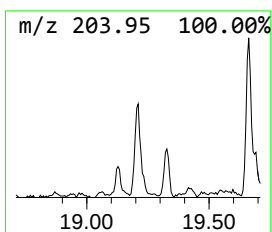
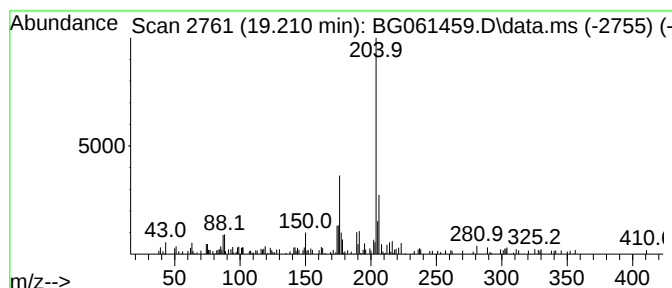
Instrument :  
BNA\_G  
ClientSampleId :  
BHBM1

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 11 Cyclopenta(def)phenanthrenone Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 19.210    | 4.38 ng/ul                          | 112206 | Phenanthrene-d10 | 17.265       |      |
| Hit# of 5 | Tentative ID                        |        | MW MolForm       | CAS#         | Qual |
| 1         | Cyclopenta(def)phenanthrenone       |        | 204 C15H8O       | 005737-13-3  | 70   |
| 2         | 1-(2-Acetyl-3-chlorophenyl)-1H-p... |        | 247 C13H10ClNO2  | 1000306-70-9 | 58   |
| 3         | 3,4-Biphenyldicarbonitrile          |        | 204 C14H8N2      | 004128-63-6  | 58   |
| 4         | [1,1'-Biphenyl-3-ol], 6-chloro-     |        | 204 C12H9ClO     | 021345-13-1  | 58   |
| 5         | [1,1'-Biphenyl]-4-ol, 4'-chloro-    |        | 204 C12H9ClO     | 028034-99-3  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061459.D  
Acq On : 4 Jun 2024 17:34  
Operator : MA/JU  
Sample : P2590-17  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM1

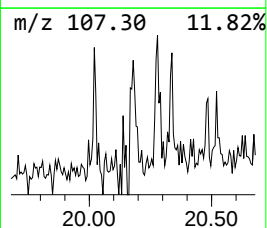
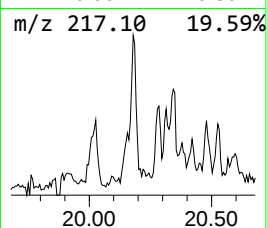
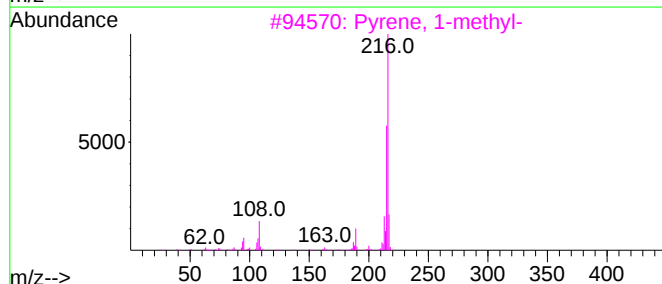
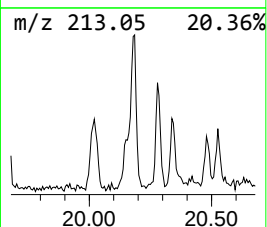
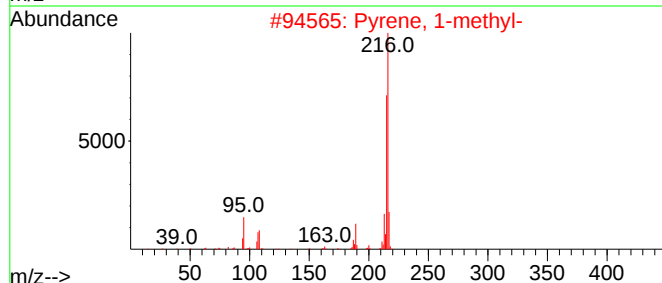
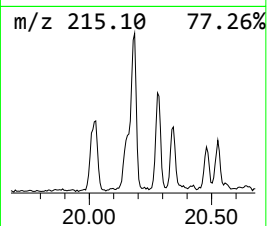
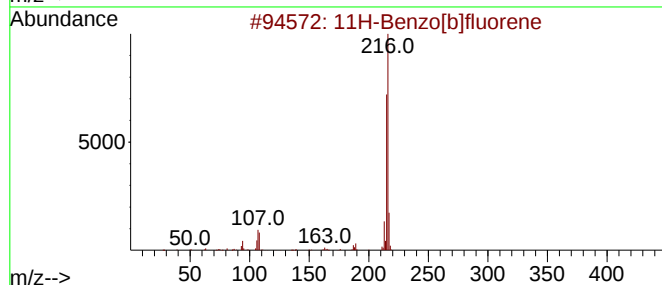
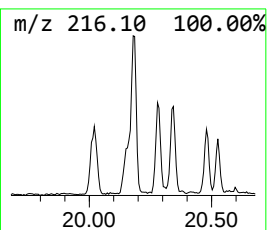
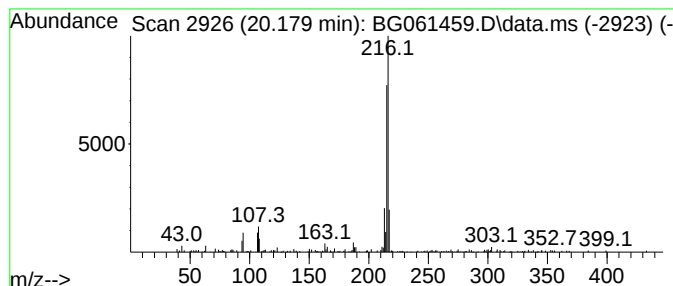
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.179 | 3.08 ng/ul | 190021 | Chrysene-d12     | 21.525 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | 11H-Benzo[b]fluorene | 216 | C17H12  | 000243-17-4 | 94   |
| 2    |    |   | Pyrene, 1-methyl-    | 216 | C17H12  | 002381-21-7 | 93   |
| 3    |    |   | Pyrene, 1-methyl-    | 216 | C17H12  | 002381-21-7 | 91   |
| 4    |    |   | 11H-Benzo[a]fluorene | 216 | C17H12  | 000238-84-6 | 90   |
| 5    |    |   | 11H-Benzo[a]fluorene | 216 | C17H12  | 000238-84-6 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
Data File : BG061459.D  
Acq On : 4 Jun 2024 17:34  
Operator : MA/JU  
Sample : P2590-17  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BHBM1

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... | 3.070  | 196.1   | ng/ul | 1682910  | 1                     | 7.876  | 171680  | 20.0 |
| Methacrylamide     | 3.851  | 2.8     | ng/ul | 24390    | 1                     | 7.876  | 171680  | 20.0 |
| 1H-Cyclopropa[1... | 18.140 | 6.6     | ng/ul | 168318   | 4                     | 17.265 | 512342  | 20.0 |
| Phenanthrene, 1... | 18.193 | 7.1     | ng/ul | 180944   | 4                     | 17.265 | 512342  | 20.0 |
| Anthracene, 2-m... | 18.270 | 2.0     | ng/ul | 51250    | 4                     | 17.265 | 512342  | 20.0 |
| 4H-Cyclopenta[d... | 18.340 | 8.3     | ng/ul | 211969   | 4                     | 17.265 | 512342  | 20.0 |
| Benzene, 1,1'-(... | 18.375 | 3.2     | ng/ul | 82239    | 4                     | 17.265 | 512342  | 20.0 |
| 5,16[1',2']:8,1... | 18.640 | 3.7     | ng/ul | 95081    | 4                     | 17.265 | 512342  | 20.0 |
| 9,10-Anthracene... | 18.693 | 3.8     | ng/ul | 97052    | 4                     | 17.265 | 512342  | 20.0 |
| Phenanthrene, 3... | 19.057 | 3.6     | ng/ul | 93117    | 4                     | 17.265 | 512342  | 20.0 |
| Cyclopenta(def)... | 19.210 | 4.4     | ng/ul | 112206   | 4                     | 17.265 | 512342  | 20.0 |
| 11H-Benzo[b]flu... | 20.179 | 3.1     | ng/ul | 190021   | 5                     | 21.525 | 1233650 | 20.0 |