

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080524\  
 Data File : BG062263.D  
 Acq On : 6 Aug 2024 9:11  
 Operator : MA/JU  
 Sample : P3361-05  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 E20Q5

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-BG080524.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG062263.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         | 3.426       | 19            | 23          | 31           | rVB2     | 9095           | 12508         | 0.46%           | 0.048%        |
| 2         | 3.684       | 64            | 67          | 74           | rBV      | 7517           | 11603         | 0.43%           | 0.044%        |
| 3         | 3.837       | 90            | 93          | 102          | rVB3     | 6488           | 12460         | 0.46%           | 0.048%        |
| 4         | 3.949       | 107           | 112         | 115          | rBV2     | 10640          | 15731         | 0.58%           | 0.060%        |
| 5         | 4.172       | 146           | 150         | 157          | rVB3     | 4728           | 7631          | 0.28%           | 0.029%        |
| 6         | 5.071       | 300           | 303         | 309          | rVB      | 7296           | 10588         | 0.39%           | 0.040%        |
| 7         | 7.115       | 644           | 651         | 659          | rBV      | 150974         | 256615        | 9.53%           | 0.979%        |
| 8         | 7.291       | 675           | 681         | 691          | rBV      | 106120         | 170504        | 6.33%           | 0.650%        |
| 9         | 7.491       | 707           | 715         | 724          | rBV      | 138968         | 232526        | 8.63%           | 0.887%        |
| 10        | 7.961       | 788           | 795         | 803          | rBV      | 257321         | 435328        | 16.16%          | 1.660%        |
| 11        | 8.654       | 906           | 913         | 921          | rBV      | 187163         | 306302        | 11.37%          | 1.168%        |
| 12        | 8.777       | 926           | 934         | 940          | rBV3     | 9405           | 17079         | 0.63%           | 0.065%        |
| 13        | 9.112       | 983           | 991         | 1002         | rBV2     | 131317         | 228700        | 8.49%           | 0.872%        |
| 14        | 9.835       | 1106          | 1114        | 1121         | rBV      | 95270          | 167856        | 6.23%           | 0.640%        |
| 15        | 10.369      | 1198          | 1205        | 1213         | rBV      | 191349         | 336716        | 12.50%          | 1.284%        |
| 16        | 10.757      | 1263          | 1271        | 1279         | rBV      | 417447         | 720186        | 26.74%          | 2.747%        |
| 17        | 10.886      | 1284          | 1293        | 1308         | rBV      | 104189         | 203043        | 7.54%           | 0.774%        |
| 18        | 11.491      | 1389          | 1396        | 1401         | rBV2     | 11649          | 20881         | 0.78%           | 0.080%        |
| 19        | 12.337      | 1533          | 1540        | 1546         | rBV4     | 3354           | 6803          | 0.25%           | 0.026%        |
| 20        | 12.954      | 1640          | 1645        | 1650         | rVB2     | 4833           | 6975          | 0.26%           | 0.027%        |
| 21        | 13.201      | 1681          | 1687        | 1693         | rVV3     | 5114           | 7315          | 0.27%           | 0.028%        |
| 22        | 13.424      | 1719          | 1725        | 1730         | rBV3     | 6605           | 11101         | 0.41%           | 0.042%        |
| 23        | 13.988      | 1815          | 1821        | 1829         | rVV      | 370563         | 525170        | 19.50%          | 2.003%        |
| 24        | 14.276      | 1863          | 1870        | 1878         | rVB      | 408511         | 643593        | 23.90%          | 2.454%        |
| 25        | 14.499      | 1904          | 1908        | 1914         | rBV2     | 8091           | 10367         | 0.38%           | 0.040%        |
| 26        | 14.581      | 1915          | 1922        | 1929         | rVV      | 699039         | 1086438       | 40.34%          | 4.143%        |
| 27        | 14.646      | 1929          | 1933        | 1940         | rVB      | 17092          | 25044         | 0.93%           | 0.096%        |
| 28        | 14.752      | 1945          | 1951        | 1954         | rVV      | 132203         | 207958        | 7.72%           | 0.793%        |
| 29        | 14.810      | 1954          | 1961        | 1970         | rVV2     | 110373         | 272996        | 10.14%          | 1.041%        |
| 30        | 14.910      | 1973          | 1978        | 1982         | rVV8     | 9159           | 15975         | 0.59%           | 0.061%        |
| 31        | 14.987      | 1985          | 1991        | 1997         | rVV3     | 16772          | 36136         | 1.34%           | 0.138%        |
| 32        | 15.057      | 1997          | 2003        | 2006         | rVV2     | 4086           | 6988          | 0.26%           | 0.027%        |
| 33        | 15.192      | 2020          | 2026        | 2030         | rBV6     | 4680           | 8477          | 0.31%           | 0.032%        |
| 34        | 15.398      | 2054          | 2061        | 2066         | rVV6     | 7252           | 14222         | 0.53%           | 0.054%        |
| 35        | 15.451      | 2066          | 2070        | 2075         | rVB3     | 9329           | 12133         | 0.45%           | 0.046%        |
| 36        | 15.568      | 2084          | 2090        | 2096         | rBV      | 547804         | 839066        | 31.15%          | 3.200%        |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 E20Q5

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-BG080524.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 15.627 | 2096 | 2100 | 2104 | rVV2 | 31185  | 43089   | 1.60%  | 0.164% |
| 38 | 15.674 | 2104 | 2108 | 2114 | rVV  | 76772  | 111216  | 4.13%  | 0.424% |
| 39 | 15.856 | 2135 | 2139 | 2144 | rVB7 | 5398   | 10573   | 0.39%  | 0.040% |
| 40 | 15.921 | 2144 | 2150 | 2160 | rVB3 | 14199  | 30603   | 1.14%  | 0.117% |
| 41 | 16.062 | 2168 | 2174 | 2182 | rBV5 | 12623  | 27543   | 1.02%  | 0.105% |
| 42 | 16.132 | 2182 | 2186 | 2190 | rBV6 | 5013   | 11195   | 0.42%  | 0.043% |
| 43 | 16.308 | 2209 | 2216 | 2219 | rBV5 | 16877  | 31012   | 1.15%  | 0.118% |
| 44 | 16.338 | 2219 | 2221 | 2227 | rVV4 | 11818  | 13970   | 0.52%  | 0.053% |
| 45 | 16.626 | 2263 | 2270 | 2276 | rVV7 | 12824  | 31180   | 1.16%  | 0.119% |
| 46 | 16.678 | 2276 | 2279 | 2284 | rVV5 | 8135   | 12770   | 0.47%  | 0.049% |
| 47 | 16.772 | 2292 | 2295 | 2300 | rVB  | 8335   | 12406   | 0.46%  | 0.047% |
| 48 | 16.855 | 2306 | 2309 | 2313 | rBV2 | 7228   | 9981    | 0.37%  | 0.038% |
| 49 | 16.902 | 2313 | 2317 | 2319 | rVB3 | 7199   | 8542    | 0.32%  | 0.033% |
| 50 | 16.972 | 2324 | 2329 | 2337 | rVB6 | 8428   | 19958   | 0.74%  | 0.076% |
| 51 | 17.054 | 2338 | 2343 | 2347 | rBV3 | 11423  | 21682   | 0.81%  | 0.083% |
| 52 | 17.101 | 2348 | 2351 | 2354 | rVV  | 15903  | 20943   | 0.78%  | 0.080% |
| 53 | 17.143 | 2354 | 2358 | 2365 | rVB2 | 21878  | 40306   | 1.50%  | 0.154% |
| 54 | 17.319 | 2381 | 2388 | 2392 | rBV  | 856383 | 1294659 | 48.07% | 4.937% |
| 55 | 17.360 | 2392 | 2395 | 2400 | rVV  | 447304 | 642455  | 23.85% | 2.450% |
| 56 | 17.419 | 2400 | 2405 | 2409 | rVV2 | 588462 | 922980  | 34.27% | 3.520% |
| 57 | 17.454 | 2409 | 2411 | 2416 | rVB  | 114206 | 134179  | 4.98%  | 0.512% |
| 58 | 17.507 | 2416 | 2420 | 2426 | rBV3 | 20503  | 36233   | 1.35%  | 0.138% |
| 59 | 17.712 | 2448 | 2455 | 2460 | rBV3 | 32519  | 59562   | 2.21%  | 0.227% |
| 60 | 17.759 | 2460 | 2463 | 2467 | rVB5 | 9202   | 14896   | 0.55%  | 0.057% |
| 61 | 17.842 | 2473 | 2477 | 2481 | rVB2 | 33082  | 42666   | 1.58%  | 0.163% |
| 62 | 17.900 | 2483 | 2487 | 2491 | rBV3 | 23116  | 33031   | 1.23%  | 0.126% |
| 63 | 18.006 | 2497 | 2505 | 2508 | rBV8 | 12394  | 29197   | 1.08%  | 0.111% |
| 64 | 18.047 | 2508 | 2512 | 2517 | rVB3 | 14952  | 24164   | 0.90%  | 0.092% |
| 65 | 18.106 | 2518 | 2522 | 2528 | rBV8 | 6447   | 13455   | 0.50%  | 0.051% |
| 66 | 18.194 | 2532 | 2537 | 2539 | rVV  | 80609  | 113479  | 4.21%  | 0.433% |
| 67 | 18.229 | 2539 | 2543 | 2551 | rVB2 | 175985 | 369121  | 13.71% | 1.408% |
| 68 | 18.323 | 2556 | 2559 | 2563 | rVV  | 35660  | 55378   | 2.06%  | 0.211% |
| 69 | 18.388 | 2564 | 2570 | 2574 | rVV3 | 203835 | 364084  | 13.52% | 1.388% |
| 70 | 18.423 | 2574 | 2576 | 2583 | rVB  | 57846  | 82255   | 3.05%  | 0.314% |
| 71 | 18.535 | 2592 | 2595 | 2599 | rVB  | 21137  | 21074   | 0.78%  | 0.080% |
| 72 | 18.693 | 2618 | 2622 | 2625 | rBV  | 87320  | 127374  | 4.73%  | 0.486% |
| 73 | 18.723 | 2625 | 2627 | 2635 | rVB3 | 69411  | 101187  | 3.76%  | 0.386% |
| 74 | 18.940 | 2661 | 2664 | 2668 | rVB  | 23934  | 27778   | 1.03%  | 0.106% |
| 75 | 18.987 | 2669 | 2672 | 2676 | rBV  | 34013  | 47671   | 1.77%  | 0.182% |
| 76 | 19.022 | 2676 | 2678 | 2683 | rVB2 | 27721  | 37719   | 1.40%  | 0.144% |

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Instrument :  
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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-BG080524.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |         |
|-----|--------|------|------|------|------|---------|---------|---------|---------|
| 77  | 19.110 | 2686 | 2693 | 2697 | rBV2 | 74966   | 155463  | 5.77%   | 0.593%  |
| 78  | 19.163 | 2698 | 2702 | 2707 | rBV5 | 52425   | 103184  | 3.83%   | 0.394%  |
| 79  | 19.246 | 2712 | 2716 | 2723 | rBV4 | 50719   | 106392  | 3.95%   | 0.406%  |
| 80  | 19.369 | 2731 | 2737 | 2743 | rBV  | 1573963 | 2257570 | 83.82%  | 8.610%  |
| 81  | 19.498 | 2756 | 2759 | 2766 | rBV4 | 64667   | 102659  | 3.81%   | 0.392%  |
| 82  | 19.704 | 2788 | 2794 | 2796 | rBV2 | 713934  | 1165371 | 43.27%  | 4.444%  |
| 83  | 19.727 | 2796 | 2798 | 2807 | rVV  | 888037  | 1188103 | 44.11%  | 4.531%  |
| 84  | 19.804 | 2808 | 2811 | 2817 | rVB2 | 54395   | 94266   | 3.50%   | 0.359%  |
| 85  | 19.909 | 2825 | 2829 | 2834 | rBV  | 67819   | 103214  | 3.83%   | 0.394%  |
| 86  | 19.962 | 2835 | 2838 | 2844 | rVB2 | 51585   | 81948   | 3.04%   | 0.313%  |
| 87  | 20.050 | 2848 | 2853 | 2865 | rBV3 | 93118   | 247899  | 9.20%   | 0.945%  |
| 88  | 20.221 | 2878 | 2882 | 2887 | rVB  | 270016  | 391504  | 14.54%  | 1.493%  |
| 89  | 20.268 | 2888 | 2890 | 2894 | rVB4 | 37623   | 33992   | 1.26%   | 0.130%  |
| 90  | 20.321 | 2895 | 2899 | 2903 | rBV  | 250477  | 312071  | 11.59%  | 1.190%  |
| 91  | 20.379 | 2905 | 2909 | 2913 | rVB2 | 111494  | 166590  | 6.19%   | 0.635%  |
| 92  | 20.567 | 2937 | 2941 | 2946 | rBV2 | 56739   | 82255   | 3.05%   | 0.314%  |
| 93  | 21.155 | 3038 | 3041 | 3045 | rVB  | 114169  | 147727  | 5.49%   | 0.563%  |
| 94  | 21.196 | 3045 | 3048 | 3052 | rBV  | 95901   | 118691  | 4.41%   | 0.453%  |
| 95  | 21.243 | 3052 | 3056 | 3062 | rBV4 | 252711  | 446666  | 16.58%  | 1.703%  |
| 96  | 21.560 | 3102 | 3110 | 3115 | rBV3 | 1074054 | 2693208 | 100.00% | 10.271% |
| 97  | 21.607 | 3115 | 3118 | 3128 | rVB  | 685927  | 1110425 | 41.23%  | 4.235%  |
| 98  | 23.687 | 3464 | 3472 | 3479 | rBV  | 466454  | 1549294 | 57.53%  | 5.908%  |
| 99  | 24.444 | 3596 | 3601 | 3607 | rVB2 | 119342  | 250114  | 9.29%   | 0.954%  |
| 100 | 24.662 | 3630 | 3638 | 3647 | rVB2 | 510473  | 1358527 | 50.44%  | 5.181%  |

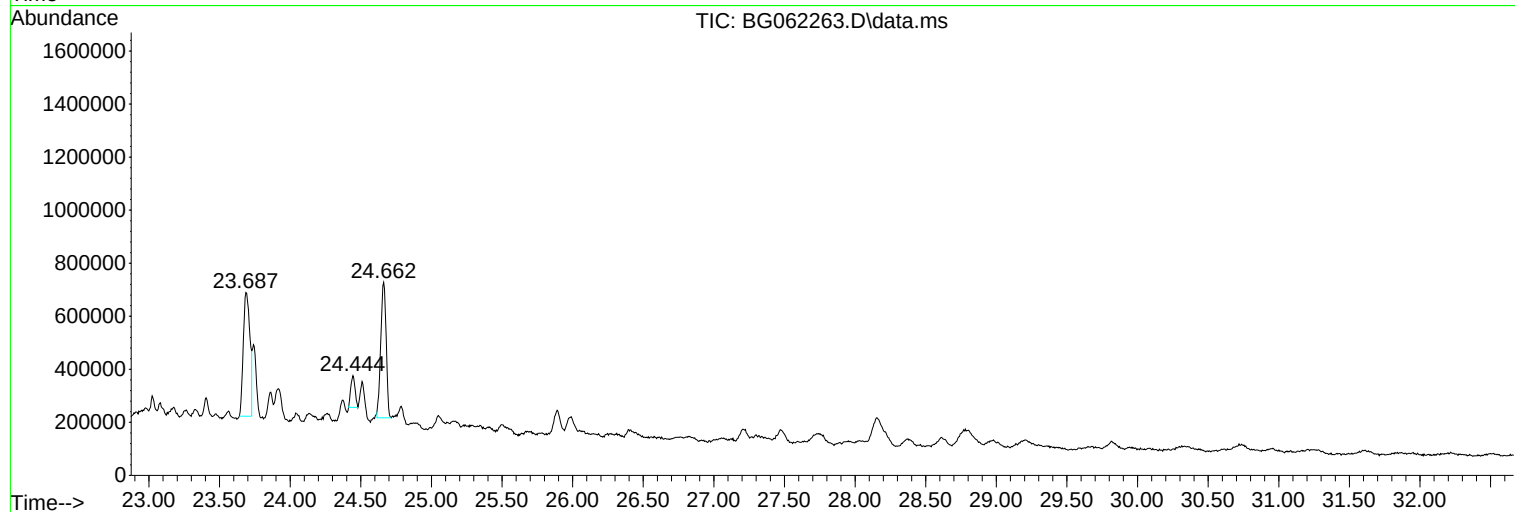
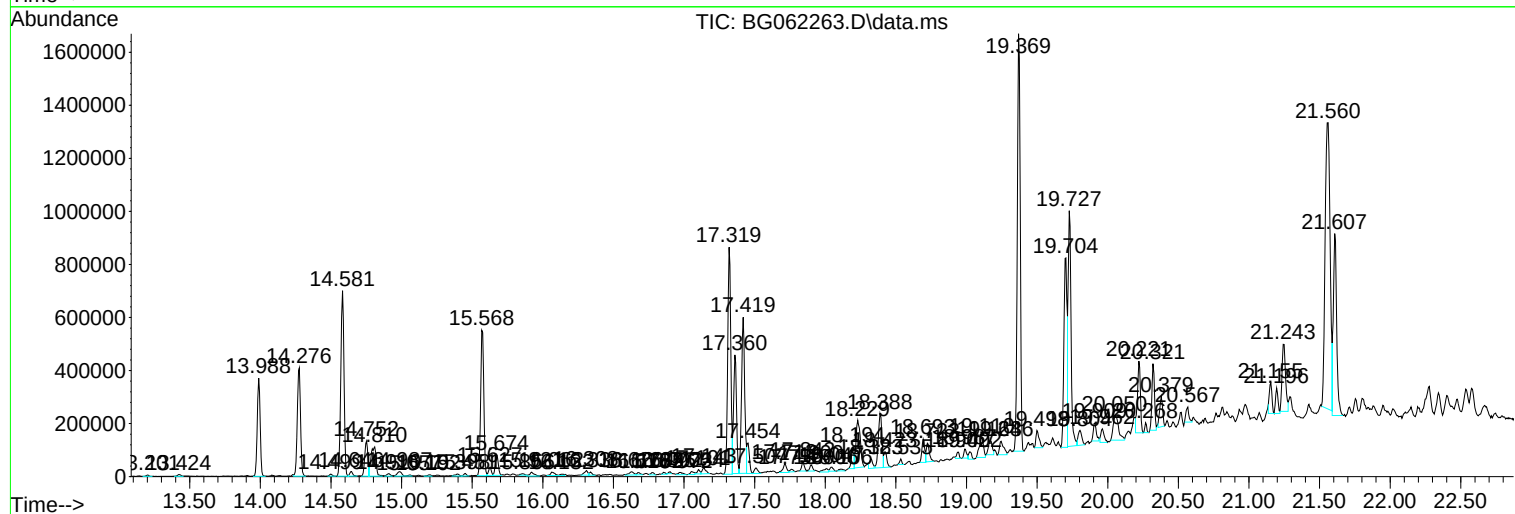
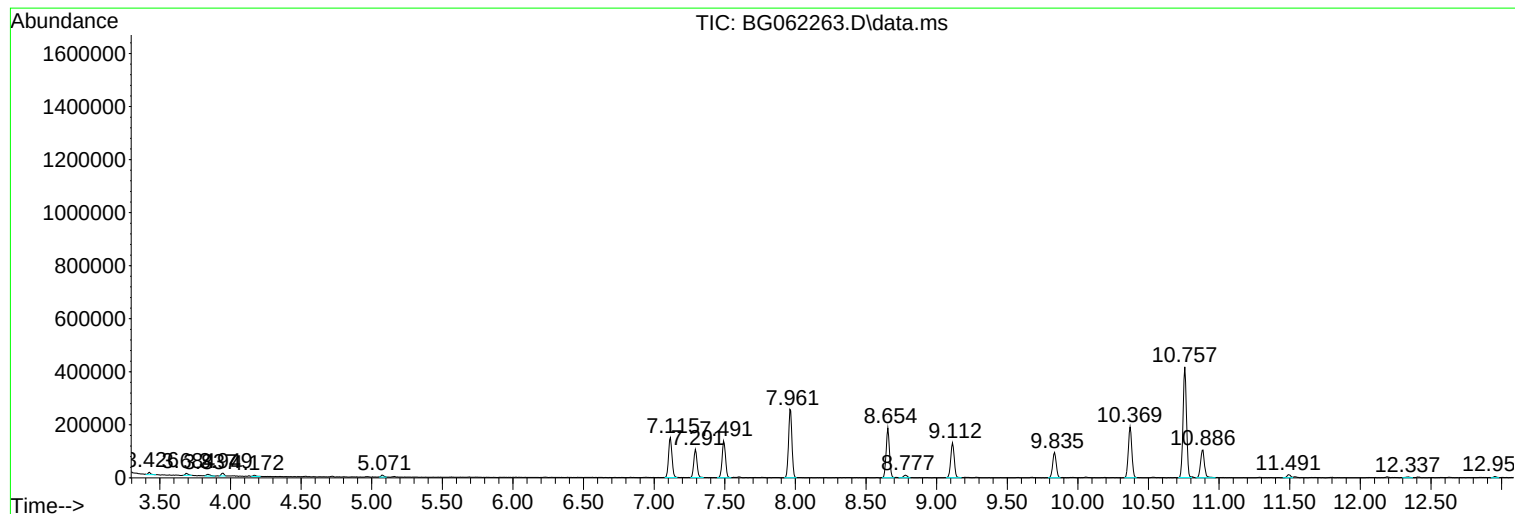
Sum of corrected areas: 26221713

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.MA.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
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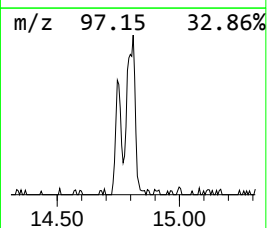
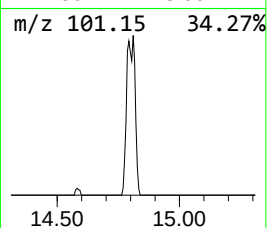
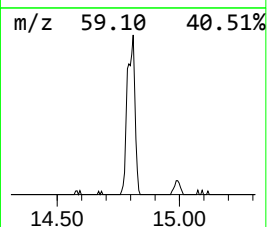
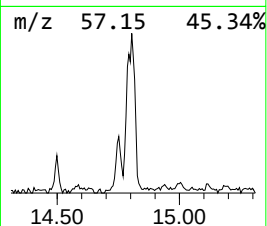
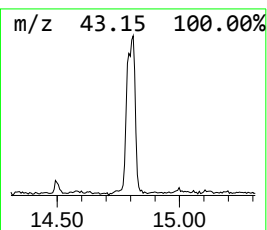
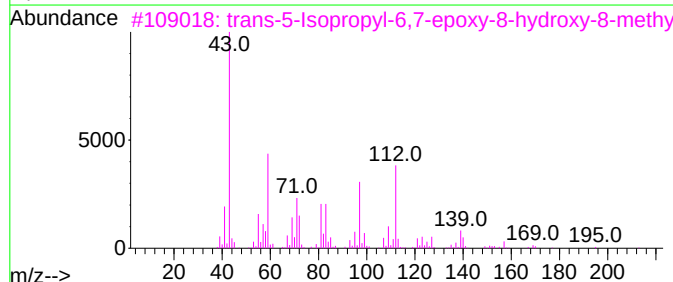
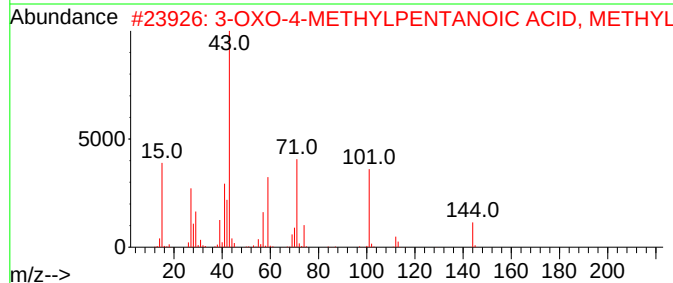
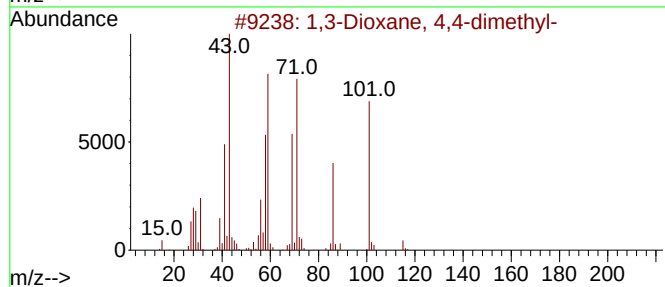
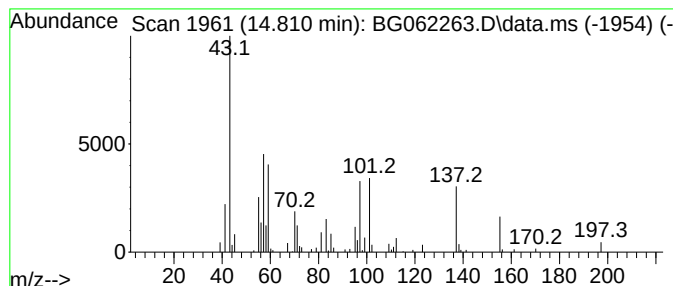
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 unknown-01 Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.810 | 5.03 ng/ul | 272996 | Acenaphthene-d10 | 14.581 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 1,3-Dioxane, 4,4-dimethyl-          | 116 | C6H12O2  | 000766-15-4 | 25   |
| 2    |    |   | 3-OXO-4-METHYLPENTANOIC ACID, ME... | 144 | C7H12O3  | 042558-54-3 | 17   |
| 3    |    |   | trans-5-Isopropyl-6,7-epoxy-8-hy... | 228 | C13H24O3 | 058002-07-6 | 16   |
| 4    |    |   | 2-Undecanone, 6,10-dimethyl-        | 198 | C13H26O  | 001604-34-8 | 10   |
| 5    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101 | C4H7NO2  | 016504-58-8 | 9    |



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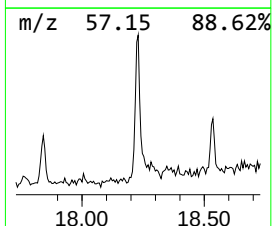
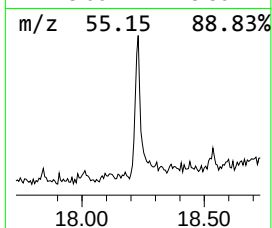
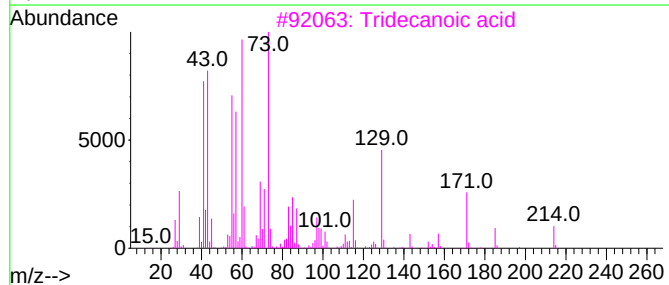
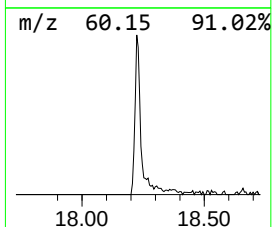
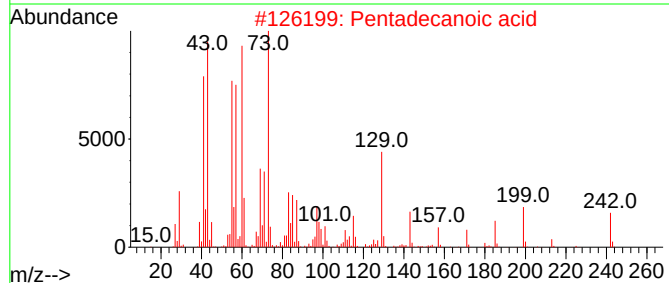
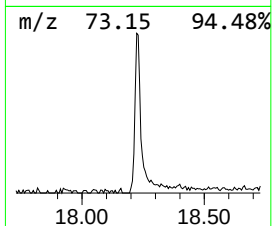
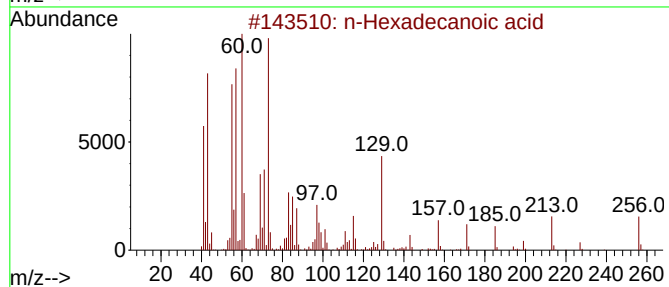
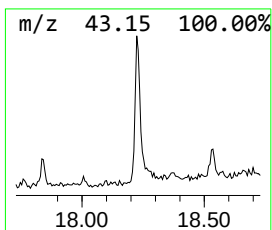
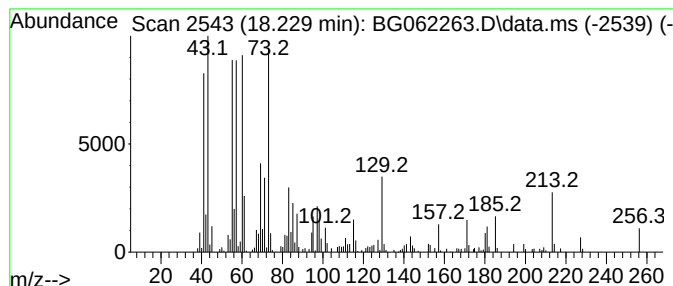
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.229 | 5.70 ng/ul | 369121 | Phenanthrene-d10 | 17.319 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 76   |
| 4    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 70   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080524\  
Data File : BG062263.D  
Acq On : 6 Aug 2024 9:11  
Operator : MA/JU  
Sample : P3361-05  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E20Q5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.MA.M  
Quant Title : SVOA CALIBRATION

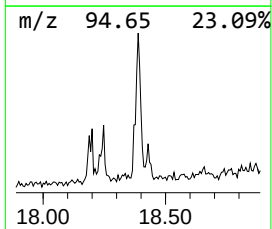
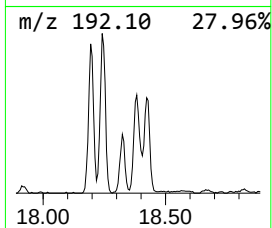
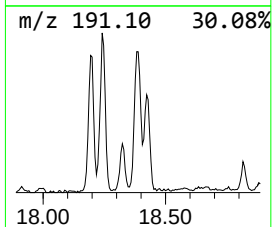
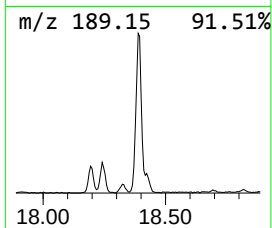
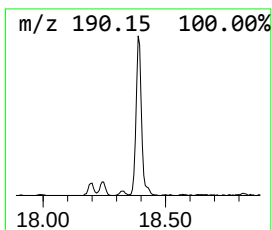
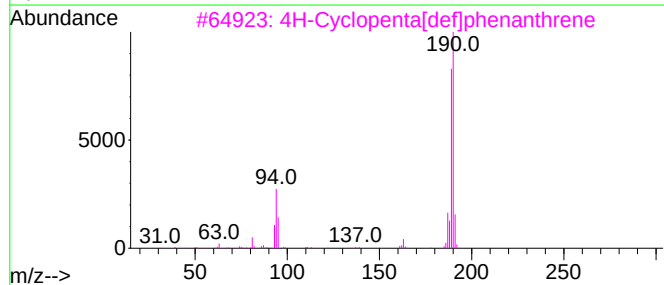
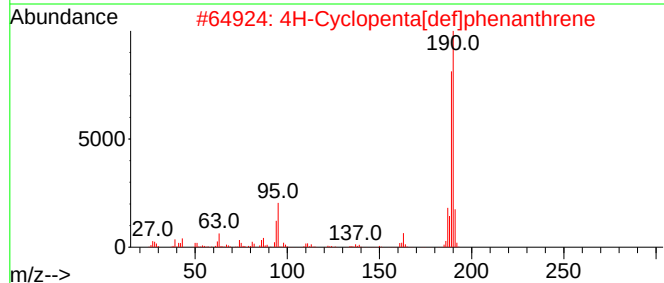
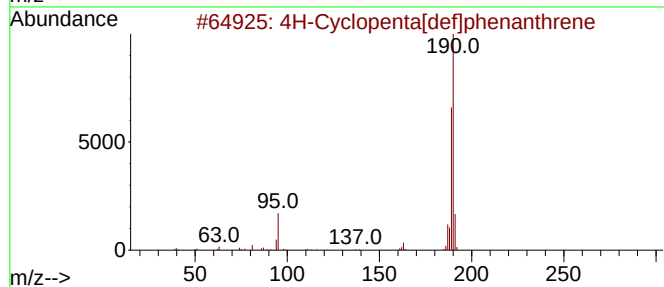
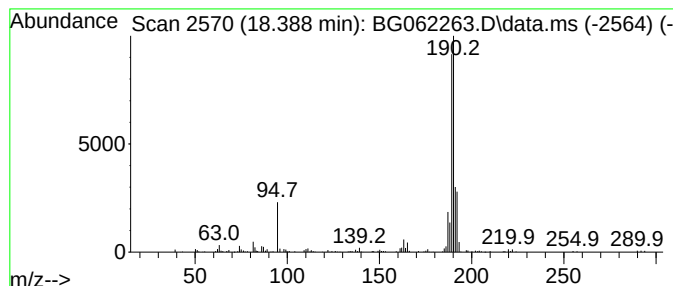
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.388 | 5.62 ng/ul | 364084 | Phenanthrene-d10 | 17.319 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5 | 87   |
| 2    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5 | 81   |
| 3    |    |   | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10    | 000203-64-5 | 81   |
| 4    |    |   | Pyrazole-4-carboxaldehyde, 3-(4-... | 190 | C10H7FN2O | 306936-57-2 | 53   |
| 5    |    |   | 2,2'-Bis(4,5-dimethylimidazole)     | 190 | C10H14N4  | 069286-06-2 | 40   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080524\  
Data File : BG062263.D  
Acq On : 6 Aug 2024 9:11  
Operator : MA/JU  
Sample : P3361-05  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E20Q5

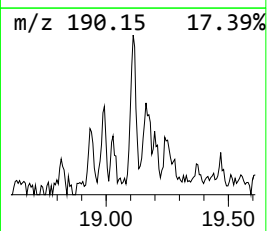
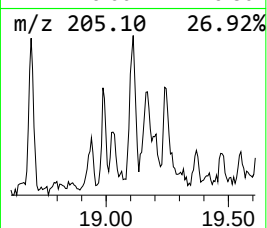
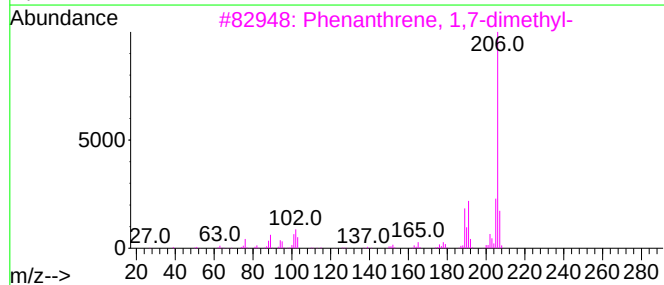
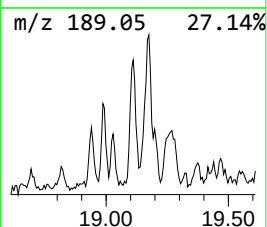
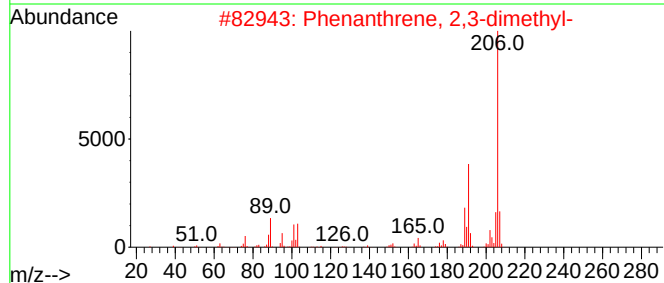
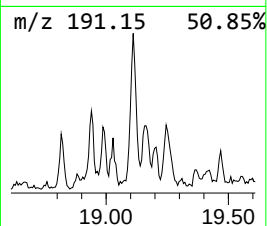
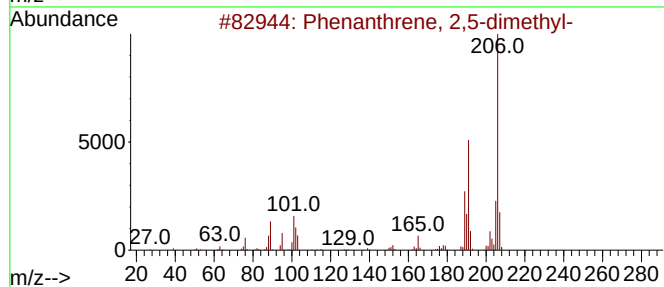
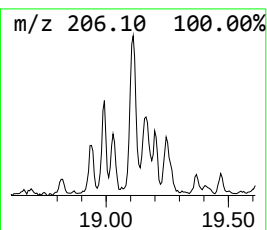
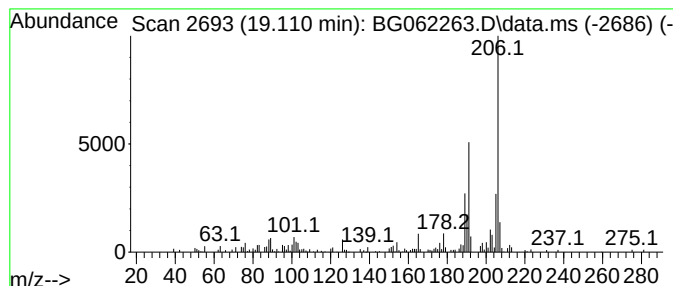
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.110 | 2.40 ng/ul | 155463 | Phenanthrene-d10 | 17.319 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#         | Qual |
|------|----|---|-----------------------------|-----|---------|--------------|------|
| 1    |    |   | Phenanthrene, 2,5-dimethyl- | 206 | C16H14  | 003674-66-6  | 95   |
| 2    |    |   | Phenanthrene, 2,3-dimethyl- | 206 | C16H14  | 003674-65-5  | 87   |
| 3    |    |   | Phenanthrene, 1,7-dimethyl- | 206 | C16H14  | 000483-87-4  | 83   |
| 4    |    |   | 1-Methyl-3-phenyl-1H-indene | 206 | C16H14  | 022360-62-9  | 81   |
| 5    |    |   | 3,4-Dimethylphenanthrene    | 206 | C16H14  | 1000452-24-5 | 81   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080524\  
Data File : BG062263.D  
Acq On : 6 Aug 2024 9:11  
Operator : MA/JU  
Sample : P3361-05  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E20Q5

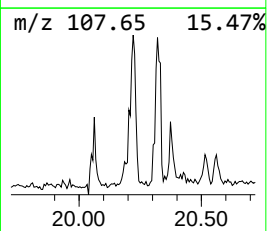
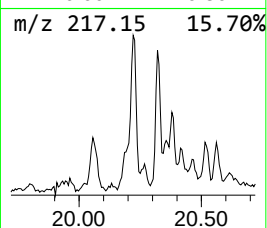
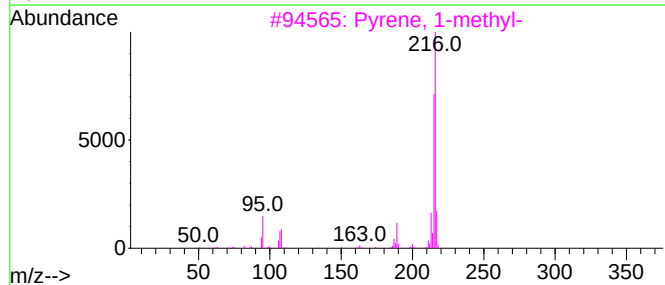
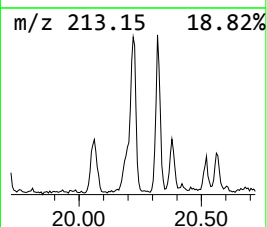
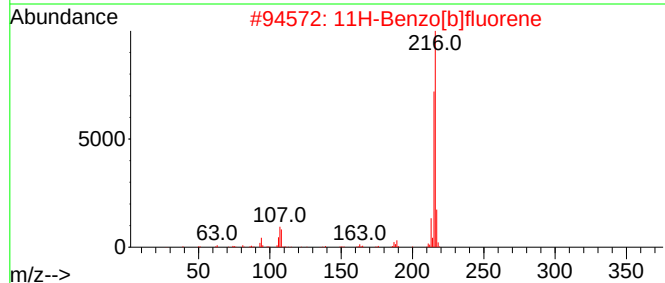
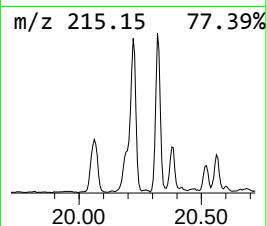
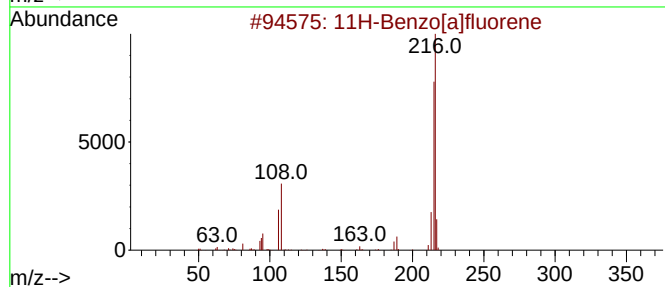
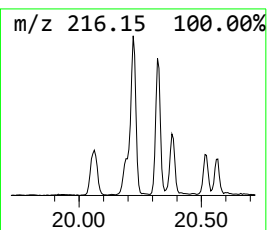
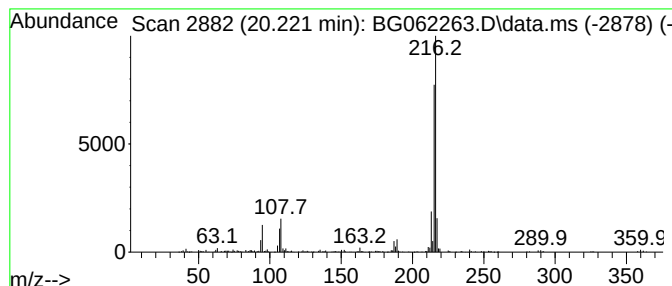
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.221 | 2.91 ng/ul | 391504 | Chrysene-d12     | 21.566 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 93   |
| 2    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 91   |
| 3    |    |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 91   |
| 4    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 90   |
| 5    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080524\  
Data File : BG062263.D  
Acq On : 6 Aug 2024 9:11  
Operator : MA/JU  
Sample : P3361-05  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E20Q5

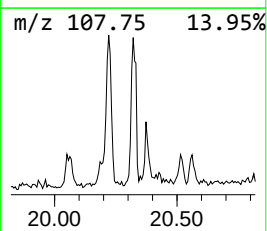
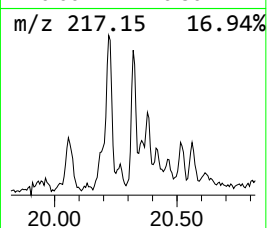
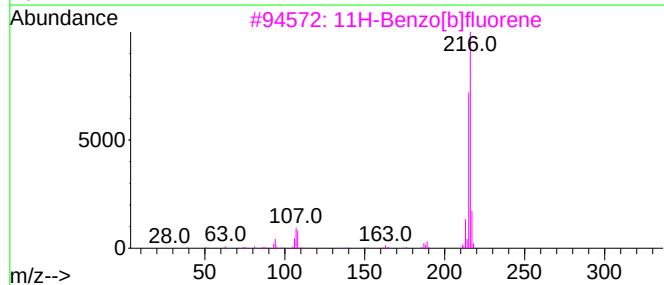
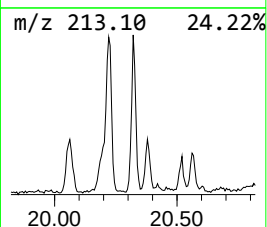
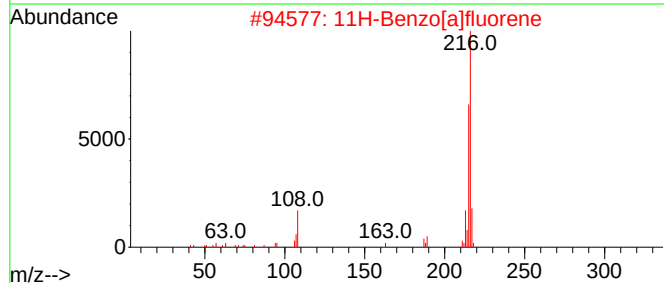
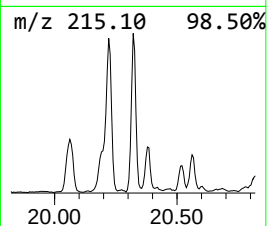
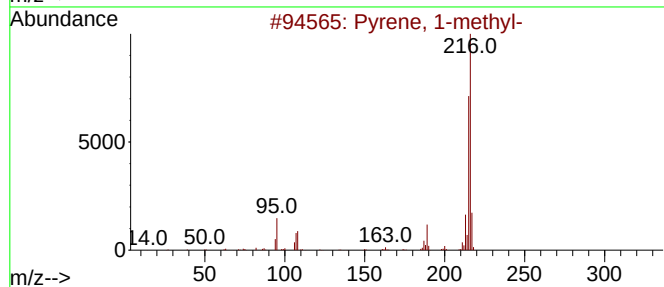
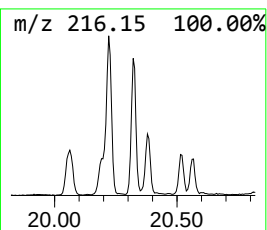
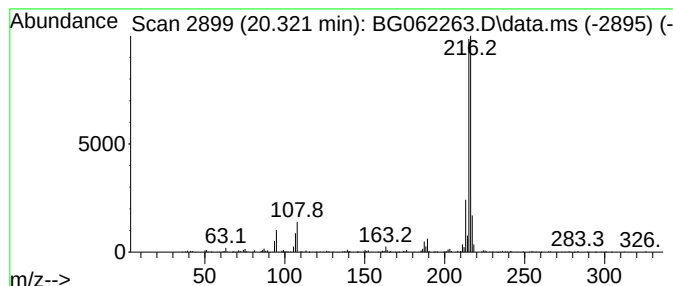
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 Pyrene, 1-methyl- Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 20.321 | 2.32 ng/ul | 312071 | Chrysene-d12     | 21.566 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 94   |
| 2    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 93   |
| 3    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 93   |
| 4    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 93   |
| 5    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080524\  
Data File : BG062263.D  
Acq On : 6 Aug 2024 9:11  
Operator : MA/JU  
Sample : P3361-05  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E20Q5

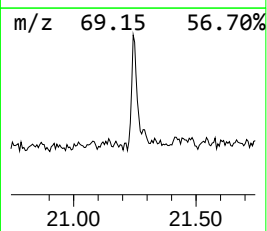
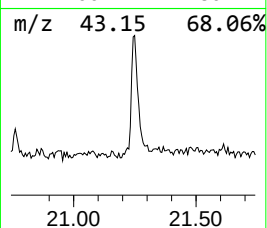
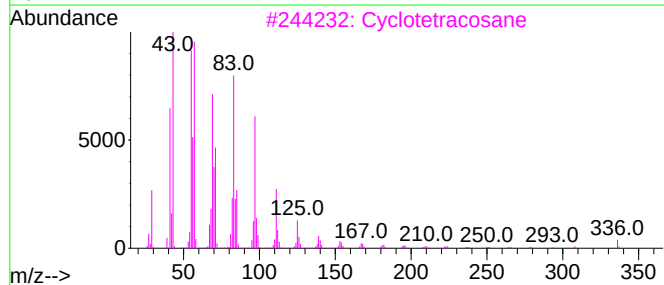
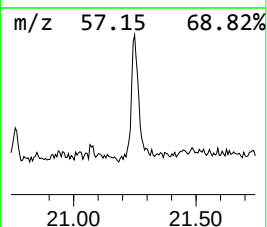
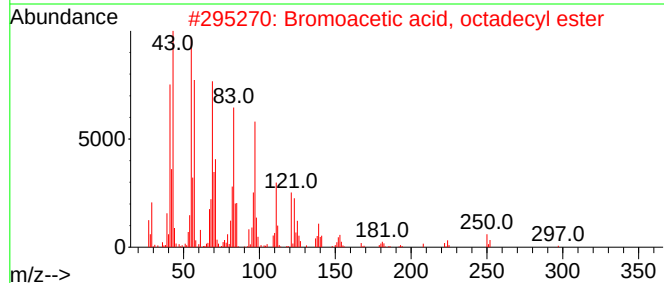
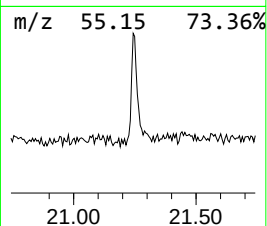
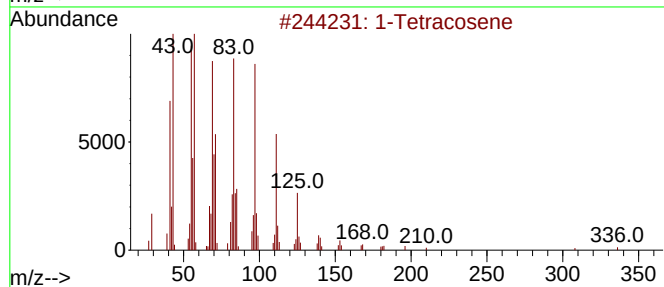
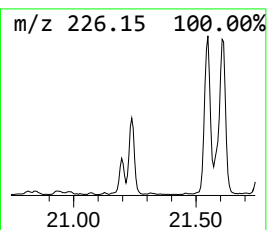
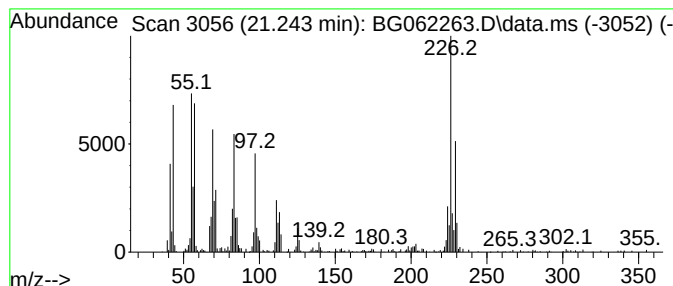
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.243 | 3.32 ng/ul | 446666 | Chrysene-d12     | 21.566 |

| Hit# | of 5 | Tentative ID                      | MW  | MolForm    | CAS#         | Qual |
|------|------|-----------------------------------|-----|------------|--------------|------|
| 1    |      | 1-Tetracosene                     | 336 | C24H48     | 010192-32-2  | 59   |
| 2    |      | Bromoacetic acid, octadecyl ester | 390 | C20H39BrO2 | 018992-03-5  | 50   |
| 3    |      | Cyclotetracosane                  | 336 | C24H48     | 000297-03-0  | 47   |
| 4    |      | Heptadecyl trifluoroacetate       | 352 | C19H35F3O2 | 1010351-87-0 | 47   |
| 5    |      | n-Nonadecanol-1                   | 284 | C19H40O    | 001454-84-8  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080524\  
Data File : BG062263.D  
Acq On : 6 Aug 2024 9:11  
Operator : MA/JU  
Sample : P3361-05  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
E20Q5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG080524.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 |
| unknown-01          | 14.810 | 5.0     | ng/u1 | 272996   | 3                     | 14.581 | 1086440 | 20.0 |
| n-Hexadecanoic ...  | 18.229 | 5.7     | ng/u1 | 369121   | 4                     | 17.319 | 1294660 | 20.0 |
| 4H-Cyclopenta[d...] | 18.388 | 5.6     | ng/u1 | 364084   | 4                     | 17.319 | 1294660 | 20.0 |
| Phenanthrene, 2...  | 19.110 | 2.4     | ng/u1 | 155463   | 4                     | 17.319 | 1294660 | 20.0 |
| 11H-Benzo[a]flu...  | 20.221 | 2.9     | ng/u1 | 391504   | 5                     | 21.566 | 2693210 | 20.0 |
| Pyrene, 1-methyl-   | 20.321 | 2.3     | ng/u1 | 312071   | 5                     | 21.566 | 2693210 | 20.0 |
| (DEL) Alkane: S...  | 21.243 | 3.3     | ng/u1 | 446666   | 5                     | 21.566 | 2693210 | 20.0 |