

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062224\  
 Data File : BG061648.D  
 Acq On : 22 Jun 2024 14:22  
 Operator : MA/JU  
 Sample : P2775-22  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4D59

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-BG062024.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG061648.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         | 3.469       | 27            | 31          | 36           | rVB4     | 15557          | 24578         | 1.27%           | 0.083%        |
| 2         | 3.746       | 75            | 78          | 85           | rVB3     | 7794           | 13522         | 0.70%           | 0.046%        |
| 3         | 3.892       | 100           | 103         | 113          | rVV2     | 34888          | 63257         | 3.28%           | 0.214%        |
| 4         | 4.004       | 117           | 122         | 128          | rVB      | 32973          | 49073         | 2.54%           | 0.166%        |
| 5         | 4.080       | 131           | 135         | 141          | rVB7     | 6714           | 10350         | 0.54%           | 0.035%        |
| 6         | 4.744       | 243           | 248         | 251          | rVV3     | 8852           | 13568         | 0.70%           | 0.046%        |
| 7         | 4.791       | 252           | 256         | 261          | rVB      | 21240          | 31389         | 1.63%           | 0.106%        |
| 8         | 5.038       | 292           | 298         | 302          | rVB5     | 4032           | 7547          | 0.39%           | 0.026%        |
| 9         | 5.156       | 310           | 318         | 327          | rBV      | 42065          | 72940         | 3.78%           | 0.247%        |
| 10        | 5.244       | 327           | 333         | 336          | rBV5     | 9900           | 12509         | 0.65%           | 0.042%        |
| 11        | 6.137       | 480           | 485         | 490          | rBV2     | 14066          | 20477         | 1.06%           | 0.069%        |
| 12        | 6.625       | 565           | 568         | 573          | rBV4     | 4741           | 8217          | 0.43%           | 0.028%        |
| 13        | 7.218       | 662           | 669         | 677          | rVV      | 327220         | 557860        | 28.93%          | 1.890%        |
| 14        | 7.400       | 693           | 700         | 709          | rVB      | 217496         | 345034        | 17.89%          | 1.169%        |
| 15        | 7.600       | 725           | 734         | 741          | rBV      | 290508         | 494086        | 25.62%          | 1.674%        |
| 16        | 7.665       | 741           | 745         | 753          | rVB2     | 11459          | 19158         | 0.99%           | 0.065%        |
| 17        | 8.076       | 807           | 815         | 821          | rBV      | 225366         | 374460        | 19.42%          | 1.269%        |
| 18        | 8.129       | 821           | 824         | 829          | rVB4     | 9468           | 15256         | 0.79%           | 0.052%        |
| 19        | 8.769       | 926           | 933         | 941          | rVB      | 365693         | 603860        | 31.31%          | 2.046%        |
| 20        | 8.904       | 950           | 956         | 963          | rBV3     | 30029          | 55301         | 2.87%           | 0.187%        |
| 21        | 9.239       | 1004          | 1013        | 1021         | rBV      | 296605         | 517101        | 26.81%          | 1.752%        |
| 22        | 9.392       | 1037          | 1039        | 1045         | rVB5     | 5777           | 9608          | 0.50%           | 0.033%        |
| 23        | 9.797       | 1102          | 1108        | 1115         | rBV4     | 30132          | 47947         | 2.49%           | 0.162%        |
| 24        | 9.962       | 1128          | 1136        | 1143         | rBV2     | 241800         | 436342        | 22.63%          | 1.478%        |
| 25        | 10.073      | 1152          | 1155        | 1159         | rVB3     | 10597          | 13987         | 0.73%           | 0.047%        |
| 26        | 10.496      | 1220          | 1227        | 1234         | rVB2     | 388411         | 674382        | 34.97%          | 2.285%        |
| 27        | 10.890      | 1285          | 1294        | 1300         | rBV      | 336043         | 603585        | 31.30%          | 2.045%        |
| 28        | 10.937      | 1300          | 1302        | 1307         | rVB2     | 13786          | 17591         | 0.91%           | 0.060%        |
| 29        | 11.019      | 1308          | 1316        | 1323         | rBV      | 243888         | 468756        | 24.31%          | 1.588%        |
| 30        | 11.413      | 1379          | 1383        | 1390         | rVB7     | 18776          | 28473         | 1.48%           | 0.096%        |
| 31        | 11.625      | 1410          | 1419        | 1423         | rBV      | 43165          | 82916         | 4.30%           | 0.281%        |
| 32        | 11.912      | 1462          | 1468        | 1471         | rVV5     | 7322           | 12285         | 0.64%           | 0.042%        |
| 33        | 12.294      | 1529          | 1533        | 1537         | rBV4     | 11604          | 14825         | 0.77%           | 0.050%        |
| 34        | 12.465      | 1559          | 1562        | 1566         | rBV3     | 7011           | 8420          | 0.44%           | 0.029%        |
| 35        | 12.535      | 1569          | 1574        | 1580         | rBV5     | 10125          | 18044         | 0.94%           | 0.061%        |
| 36        | 12.759      | 1608          | 1612        | 1617         | rVB5     | 7931           | 12318         | 0.64%           | 0.042%        |

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 Sample : P2775-22  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4D59

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-BG062024.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 13.240 | 1691 | 1694 | 1701 | rVB4 | 6577    | 10856   | 0.56%  | 0.037% |
| 38 | 13.487 | 1733 | 1736 | 1738 | rBV4 | 5852    | 7874    | 0.41%  | 0.027% |
| 39 | 13.528 | 1738 | 1743 | 1749 | rVB4 | 16836   | 31555   | 1.64%  | 0.107% |
| 40 | 13.681 | 1767 | 1769 | 1773 | rVB3 | 7369    | 7765    | 0.40%  | 0.026% |
| 41 | 14.022 | 1822 | 1827 | 1832 | rBV5 | 13405   | 28645   | 1.49%  | 0.097% |
| 42 | 14.110 | 1836 | 1842 | 1848 | rVV  | 680489  | 983432  | 50.99% | 3.332% |
| 43 | 14.186 | 1851 | 1855 | 1857 | rVV4 | 7660    | 10831   | 0.56%  | 0.037% |
| 44 | 14.398 | 1885 | 1891 | 1901 | rBV  | 771969  | 1203324 | 62.40% | 4.077% |
| 45 | 14.539 | 1911 | 1915 | 1919 | rVB7 | 6973    | 11726   | 0.61%  | 0.040% |
| 46 | 14.598 | 1921 | 1925 | 1928 | rBV3 | 17251   | 21306   | 1.10%  | 0.072% |
| 47 | 14.703 | 1934 | 1943 | 1950 | rBV  | 552529  | 870914  | 45.16% | 2.951% |
| 48 | 14.768 | 1950 | 1954 | 1959 | rVB3 | 32070   | 50353   | 2.61%  | 0.171% |
| 49 | 14.874 | 1966 | 1972 | 1979 | rBV  | 336426  | 543353  | 28.17% | 1.841% |
| 50 | 15.097 | 2006 | 2010 | 2016 | rVB7 | 49647   | 83158   | 4.31%  | 0.282% |
| 51 | 15.167 | 2020 | 2022 | 2026 | rVB4 | 6658    | 10416   | 0.54%  | 0.035% |
| 52 | 15.314 | 2045 | 2047 | 2051 | rVB4 | 8922    | 6798    | 0.35%  | 0.023% |
| 53 | 15.549 | 2084 | 2087 | 2091 | rVB4 | 13587   | 17666   | 0.92%  | 0.060% |
| 54 | 15.690 | 2105 | 2111 | 2117 | rBV  | 999180  | 1481316 | 76.81% | 5.019% |
| 55 | 15.743 | 2117 | 2120 | 2124 | rVV2 | 67745   | 90412   | 4.69%  | 0.306% |
| 56 | 15.796 | 2124 | 2129 | 2136 | rVB2 | 213164  | 312125  | 16.18% | 1.058% |
| 57 | 15.902 | 2145 | 2147 | 2149 | rBV3 | 7606    | 8028    | 0.42%  | 0.027% |
| 58 | 15.949 | 2152 | 2155 | 2160 | rVB2 | 55498   | 84600   | 4.39%  | 0.287% |
| 59 | 16.037 | 2167 | 2170 | 2179 | rVB8 | 19581   | 34459   | 1.79%  | 0.117% |
| 60 | 16.190 | 2191 | 2196 | 2201 | rBV5 | 17801   | 36078   | 1.87%  | 0.122% |
| 61 | 16.348 | 2222 | 2223 | 2226 | rBV3 | 6912    | 6603    | 0.34%  | 0.022% |
| 62 | 16.407 | 2231 | 2233 | 2236 | rVV4 | 15122   | 18204   | 0.94%  | 0.062% |
| 63 | 16.560 | 2256 | 2259 | 2263 | rVB5 | 16066   | 20813   | 1.08%  | 0.071% |
| 64 | 16.677 | 2274 | 2279 | 2282 | rBV4 | 26175   | 38069   | 1.97%  | 0.129% |
| 65 | 16.836 | 2302 | 2306 | 2310 | rVB6 | 24960   | 34878   | 1.81%  | 0.118% |
| 66 | 16.977 | 2326 | 2330 | 2335 | rBV5 | 44413   | 69602   | 3.61%  | 0.236% |
| 67 | 17.259 | 2374 | 2378 | 2383 | rVB2 | 28364   | 44955   | 2.33%  | 0.152% |
| 68 | 17.318 | 2384 | 2388 | 2392 | rBV5 | 50579   | 84601   | 4.39%  | 0.287% |
| 69 | 17.359 | 2392 | 2395 | 2399 | rVB5 | 60266   | 80860   | 4.19%  | 0.274% |
| 70 | 17.447 | 2401 | 2410 | 2413 | rBV  | 717704  | 1209797 | 62.73% | 4.099% |
| 71 | 17.488 | 2413 | 2417 | 2421 | rVB  | 479354  | 695708  | 36.07% | 2.357% |
| 72 | 17.541 | 2421 | 2426 | 2431 | rBV  | 1004180 | 1527851 | 79.22% | 5.177% |
| 73 | 17.618 | 2436 | 2439 | 2447 | rVB3 | 113061  | 158182  | 8.20%  | 0.536% |
| 74 | 17.894 | 2483 | 2486 | 2489 | rBV4 | 46286   | 53070   | 2.75%  | 0.180% |
| 75 | 18.046 | 2505 | 2512 | 2519 | rVB  | 255283  | 472816  | 24.52% | 1.602% |
| 76 | 18.158 | 2528 | 2531 | 2537 | rBV7 | 47352   | 73083   | 3.79%  | 0.248% |

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 ClientSampleId :  
 A4D59

Integration Parameters: LSCINT.P

Integrator: RTE

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062024.MA.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 77  | 18.293 | 2550 | 2554 | 2555 | rBV4 | 42319   | 53833   | 2.79%   | 0.182% |
| 78  | 18.334 | 2556 | 2561 | 2565 | rBV2 | 562995  | 806392  | 41.81%  | 2.732% |
| 79  | 18.446 | 2577 | 2580 | 2586 | rVB2 | 53495   | 80419   | 4.17%   | 0.272% |
| 80  | 18.511 | 2586 | 2591 | 2595 | rBV2 | 297104  | 455765  | 23.63%  | 1.544% |
| 81  | 18.569 | 2598 | 2601 | 2605 | rVV3 | 147233  | 202474  | 10.50%  | 0.686% |
| 82  | 18.610 | 2605 | 2608 | 2614 | rVB3 | 113909  | 150602  | 7.81%   | 0.510% |
| 83  | 18.793 | 2634 | 2639 | 2641 | rBV2 | 147490  | 212898  | 11.04%  | 0.721% |
| 84  | 18.887 | 2652 | 2655 | 2659 | rBV3 | 63273   | 83151   | 4.31%   | 0.282% |
| 85  | 18.928 | 2660 | 2662 | 2665 | rVV4 | 66590   | 82653   | 4.29%   | 0.280% |
| 86  | 18.963 | 2666 | 2668 | 2677 | rVB  | 106957  | 140096  | 7.26%   | 0.475% |
| 87  | 19.269 | 2717 | 2720 | 2724 | rBV5 | 101828  | 144632  | 7.50%   | 0.490% |
| 88  | 19.321 | 2726 | 2729 | 2732 | rVV  | 178831  | 227195  | 11.78%  | 0.770% |
| 89  | 19.357 | 2732 | 2735 | 2743 | rVB3 | 207822  | 315540  | 16.36%  | 1.069% |
| 90  | 19.492 | 2753 | 2758 | 2764 | rVB  | 1066770 | 1507929 | 78.19%  | 5.109% |
| 91  | 19.598 | 2773 | 2776 | 2779 | rBV2 | 190872  | 221653  | 11.49%  | 0.751% |
| 92  | 19.821 | 2809 | 2814 | 2817 | rBV2 | 1224596 | 1889952 | 98.00%  | 6.403% |
| 93  | 19.850 | 2817 | 2819 | 2827 | rVB  | 789610  | 997817  | 51.74%  | 3.381% |
| 94  | 20.444 | 2916 | 2920 | 2923 | rVB2 | 120128  | 159192  | 8.25%   | 0.539% |
| 95  | 21.366 | 3074 | 3077 | 3084 | rVB3 | 226668  | 367913  | 19.08%  | 1.247% |
| 96  | 21.701 | 3127 | 3134 | 3140 | rBV3 | 772931  | 1928512 | 100.00% | 6.534% |
| 97  | 21.754 | 3140 | 3143 | 3152 | rVB  | 441437  | 716818  | 37.17%  | 2.429% |
| 98  | 23.910 | 3505 | 3510 | 3517 | rBV  | 252629  | 703303  | 36.47%  | 2.383% |
| 99  | 24.709 | 3641 | 3646 | 3654 | rVB3 | 320036  | 766821  | 39.76%  | 2.598% |
| 100 | 24.938 | 3679 | 3685 | 3693 | rVB2 | 387721  | 1003945 | 52.06%  | 3.402% |

Sum of corrected areas: 29514609



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Sample : P2775-22  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4D59

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062024.MA.M  
Quant Title : SVOA CALIBRATION

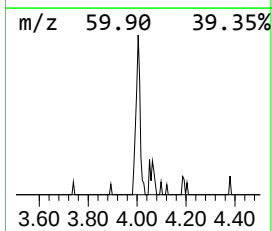
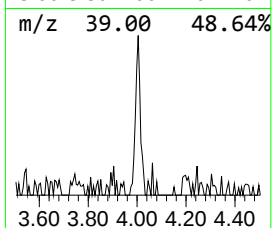
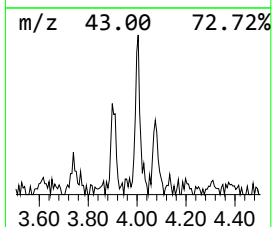
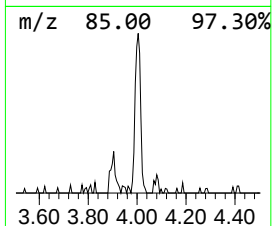
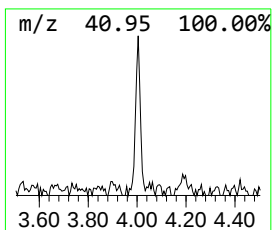
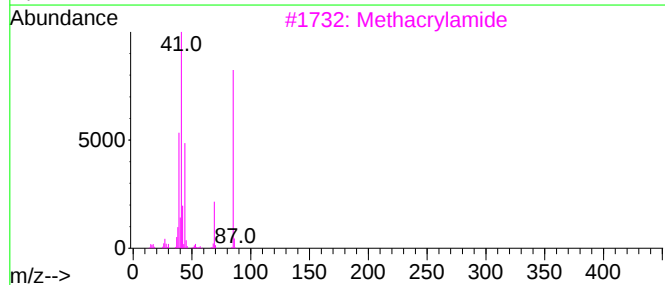
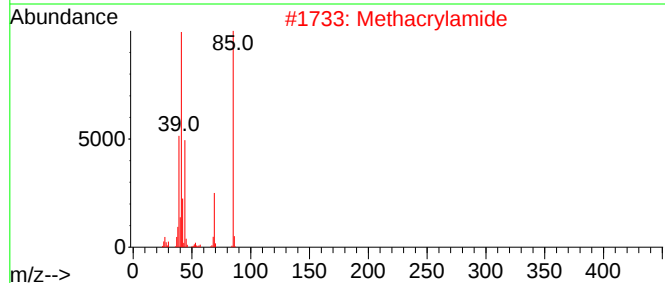
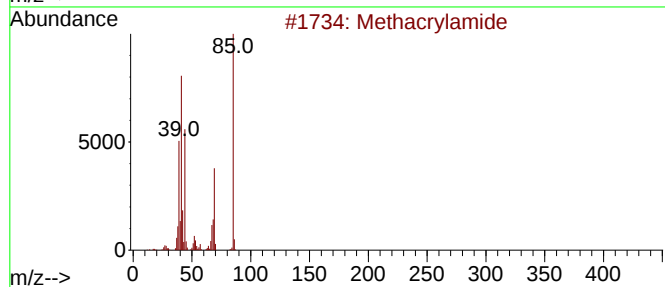
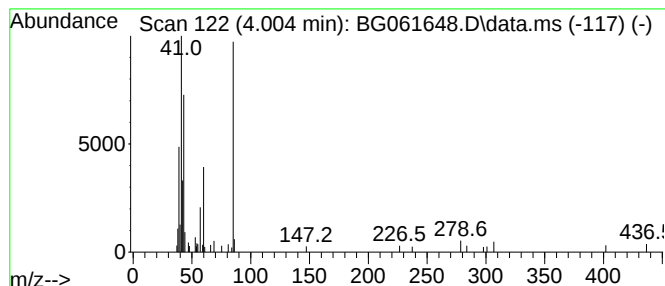
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 11

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 4.004 | 2.62 ng/ul | 49073 | 1,4-Dichlorobenzene-d4 | 8.076 |

| Hit# | of | 5 | Tentative ID    | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------|-----|---------|-------------|------|
| 1    |    |   | Methacrylamide  | 85  | C4H7NO  | 000079-39-0 | 47   |
| 2    |    |   | Methacrylamide  | 85  | C4H7NO  | 000079-39-0 | 47   |
| 3    |    |   | Methacrylamide  | 85  | C4H7NO  | 000079-39-0 | 47   |
| 4    |    |   | Hexane, 2-iodo- | 212 | C6H13I  | 018589-27-0 | 35   |
| 5    |    |   | 2-Pyrrolidinone | 85  | C4H7NO  | 000616-45-5 | 35   |



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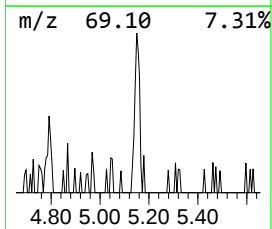
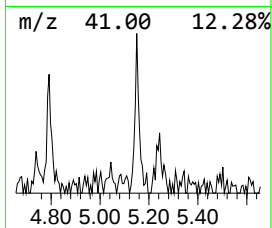
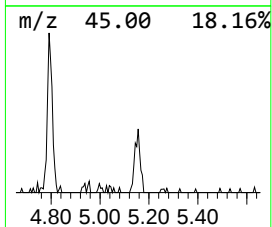
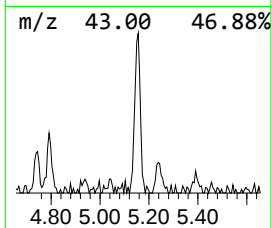
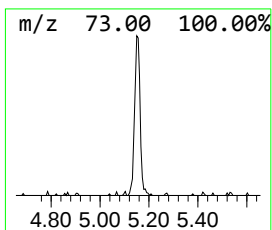
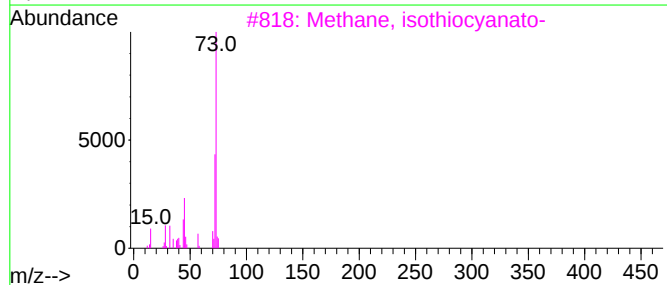
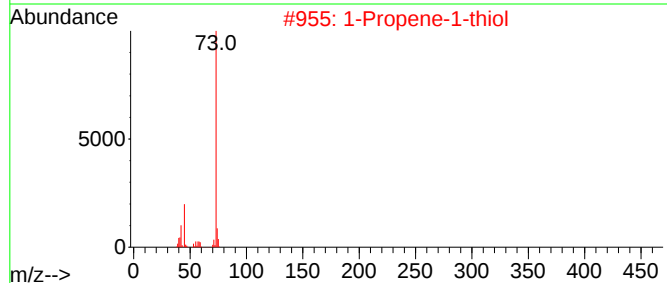
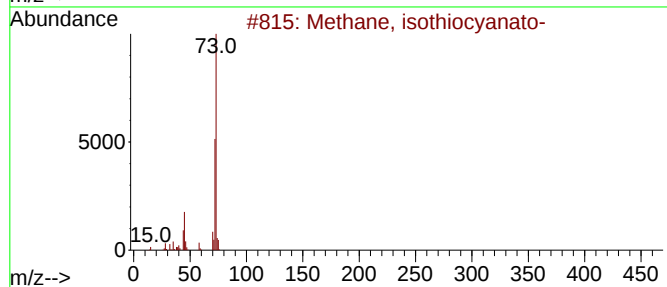
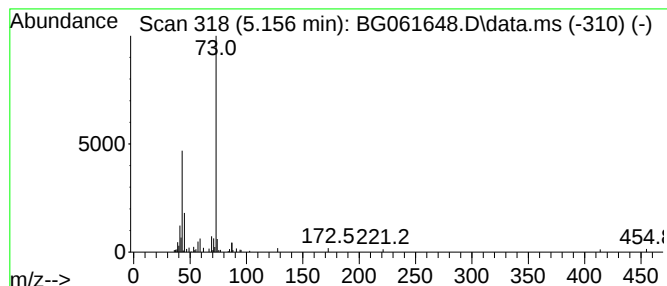
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062024.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 unknown-02 Concentration Rank 5

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 5.156 | 3.90 ng/ul | 72940 | 1,4-Dichlorobenzene-d4 | 8.076 |

| Hit# | of | 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|----|---------|-------------|------|
| 1    |    |   | Methane, isothiocyanato- | 73 | C2H3NS  | 000556-61-6 | 47   |
| 2    |    |   | 1-Propene-1-thiol        | 74 | C3H6S   | 000925-89-3 | 47   |
| 3    |    |   | Methane, isothiocyanato- | 73 | C2H3NS  | 000556-61-6 | 47   |
| 4    |    |   | Methane, isothiocyanato- | 73 | C2H3NS  | 000556-61-6 | 38   |
| 5    |    |   | Methane, isothiocyanato- | 73 | C2H3NS  | 000556-61-6 | 38   |



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A4D59

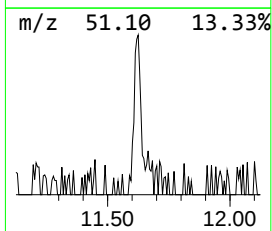
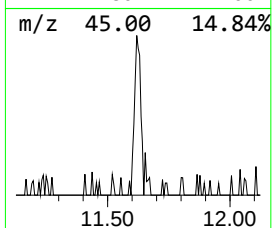
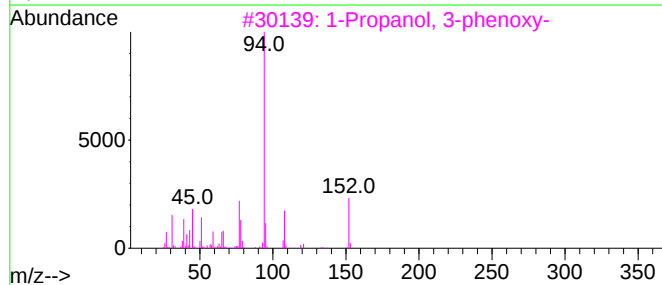
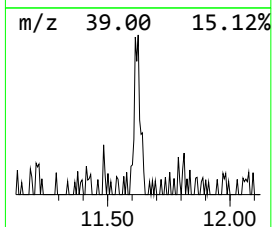
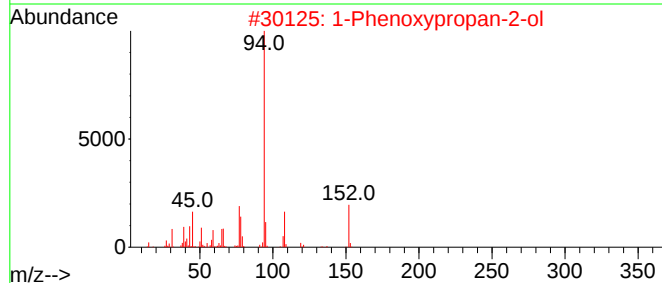
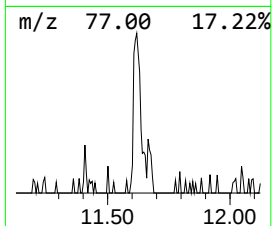
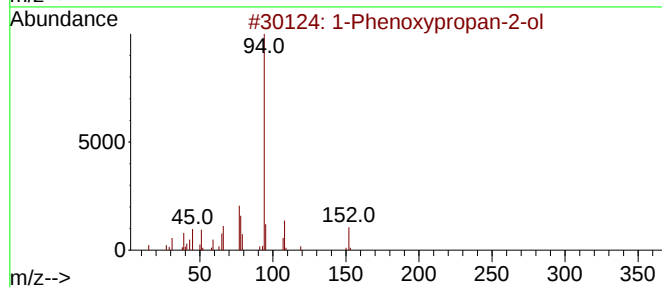
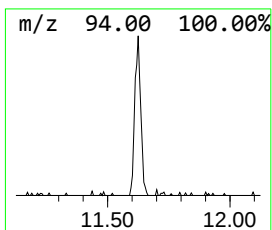
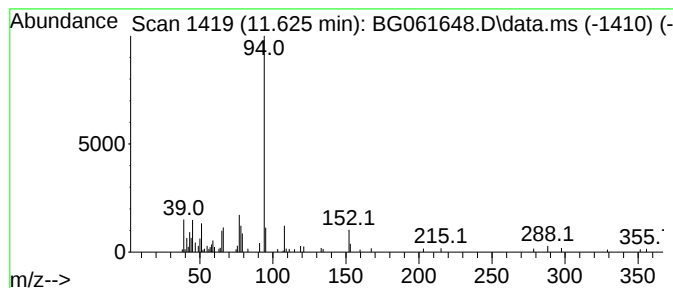
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 10

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 11.625 | 2.75 ng/ul | 82916 | Naphthalene-d8   | 10.890 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Phenoxypropan-2-ol   | 152 | C9H12O2 | 000770-35-4 | 91   |
| 2    |    |   | 1-Phenoxypropan-2-ol   | 152 | C9H12O2 | 000770-35-4 | 83   |
| 3    |    |   | 1-Propanol, 3-phenoxy- | 152 | C9H12O2 | 006180-61-6 | 83   |
| 4    |    |   | 2-Aminopyridine        | 94  | C5H6N2  | 000504-29-0 | 64   |
| 5    |    |   | 1-Phenoxypropan-2-ol   | 152 | C9H12O2 | 000770-35-4 | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062224\  
Data File : BG061648.D  
Acq On : 22 Jun 2024 14:22  
Operator : MA/JU  
Sample : P2775-22  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4D59

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062024.MA.M  
Quant Title : SVOA CALIBRATION

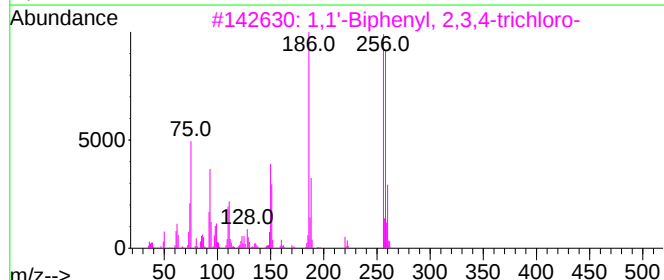
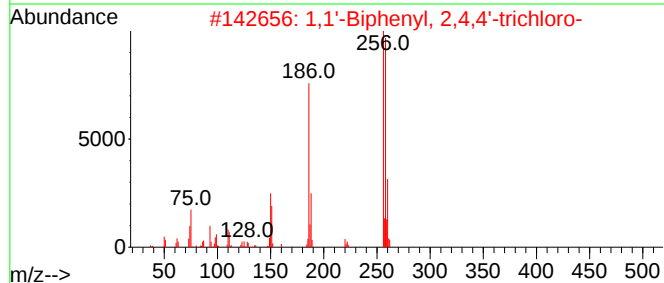
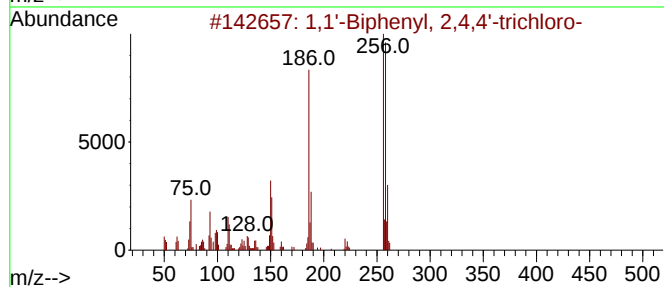
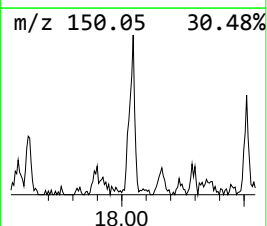
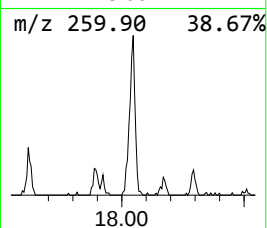
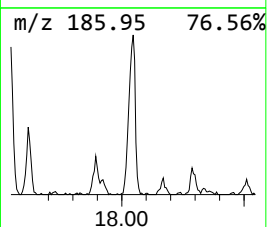
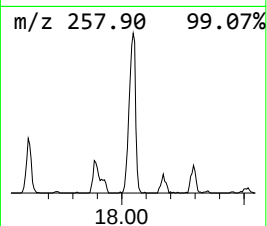
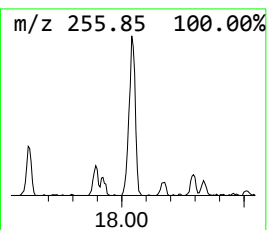
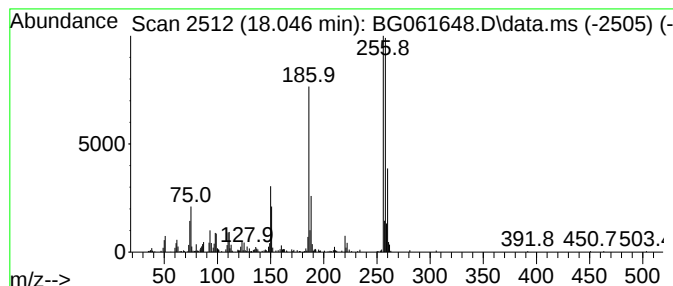
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.046 | 7.82 ng/ul | 472816 | Phenanthrene-d10 | 17.447 |

| Hit# | of                               | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|----------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 1,1'-Biphenyl, 2,4,4'-trichloro- | 256 | C12H7Cl3     | 007012-37-5 | 97      |      |      |
| 2    | 1,1'-Biphenyl, 2,4,4'-trichloro- | 256 | C12H7Cl3     | 007012-37-5 | 97      |      |      |
| 3    | 1,1'-Biphenyl, 2,3,4-trichloro-  | 256 | C12H7Cl3     | 055702-46-0 | 96      |      |      |
| 4    | 1,1'-Biphenyl, 2,3,3'-trichloro- | 256 | C12H7Cl3     | 038444-84-7 | 96      |      |      |
| 5    | 1,1'-Biphenyl, 2,3,3'-trichloro- | 256 | C12H7Cl3     | 038444-84-7 | 96      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062224\  
Data File : BG061648.D  
Acq On : 22 Jun 2024 14:22  
Operator : MA/JU  
Sample : P2775-22  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4D59

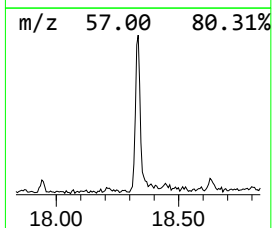
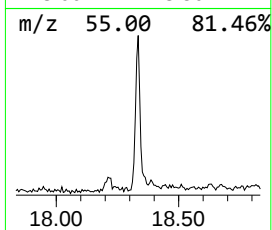
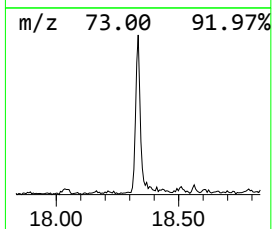
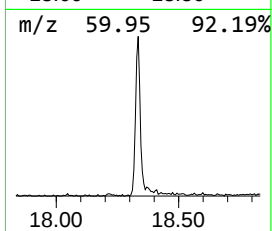
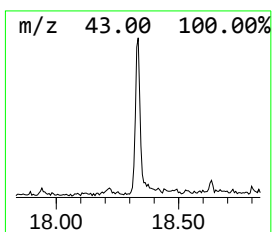
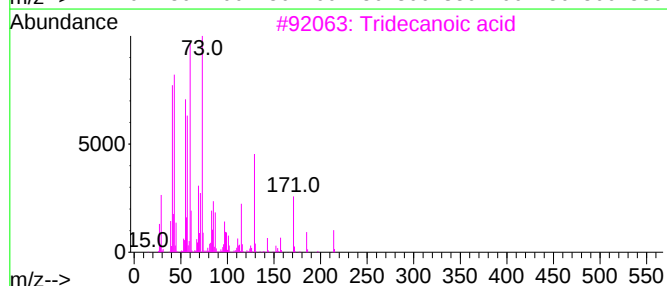
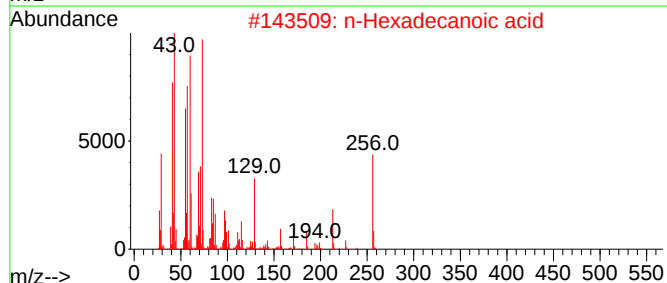
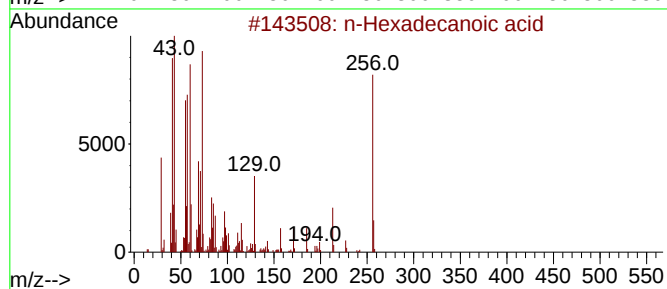
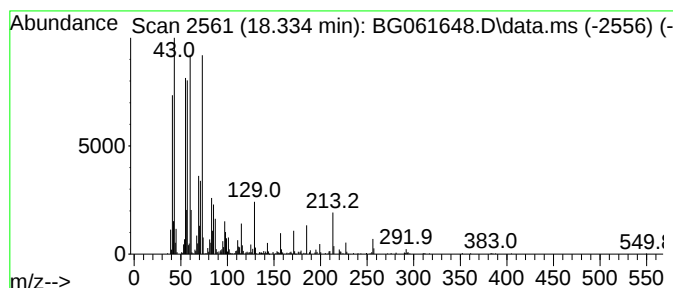
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 18.334 | 13.33 ng/ul | 806392 | Phenanthrene-d10 | 17.447 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 81   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062224\  
Data File : BG061648.D  
Acq On : 22 Jun 2024 14:22  
Operator : MA/JU  
Sample : P2775-22  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4D59

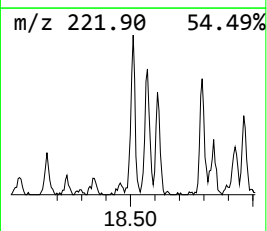
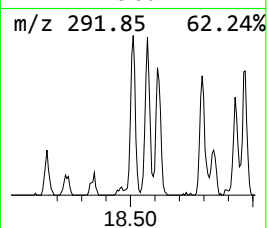
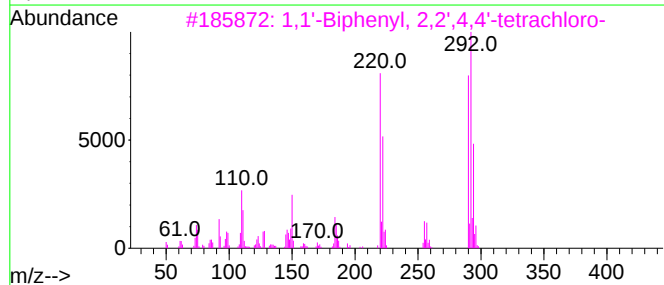
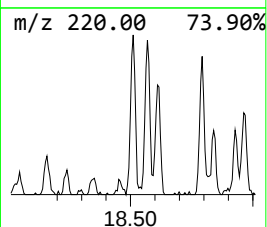
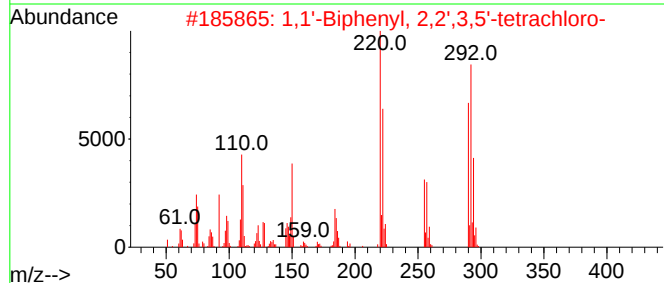
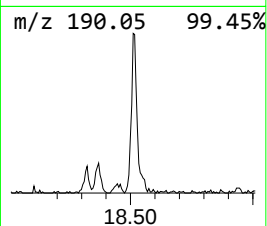
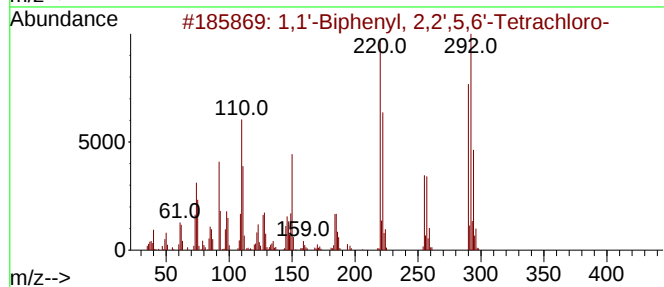
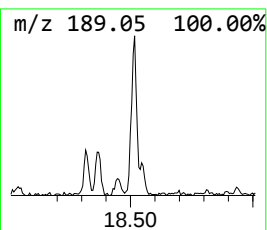
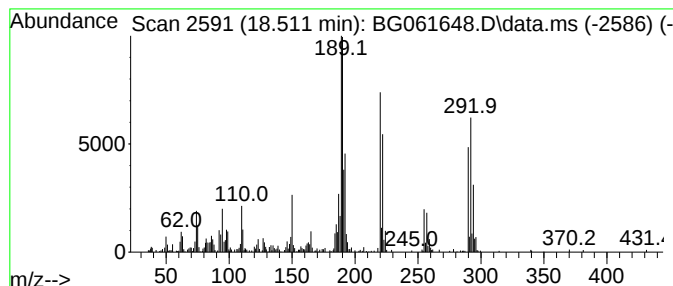
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 1,1'-Biphenyl, 2,2',5,6'-Te... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.511 | 7.53 ng/ul | 455765 | Phenanthrene-d10 | 17.447 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 1,1'-Biphenyl, 2,2',5,6'-Tetrach... | 290 | C12H6Cl4     | 041464-41-9 | 95      |      |      |
| 2    | 1,1'-Biphenyl, 2,2',3,5'-tetrach... | 290 | C12H6Cl4     | 041464-39-5 | 93      |      |      |
| 3    | 1,1'-Biphenyl, 2,2',4,4'-tetrach... | 290 | C12H6Cl4     | 002437-79-8 | 92      |      |      |
| 4    | 1,1'-Biphenyl, 2,2',4,4'-tetrach... | 290 | C12H6Cl4     | 002437-79-8 | 92      |      |      |
| 5    | 1,1'-Biphenyl, 2,3',5,5'-tetrach... | 290 | C12H6Cl4     | 041464-42-0 | 92      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062224\  
Data File : BG061648.D  
Acq On : 22 Jun 2024 14:22  
Operator : MA/JU  
Sample : P2775-22  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4D59

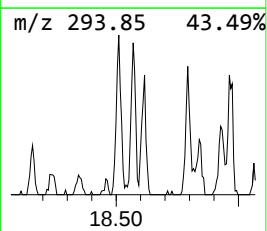
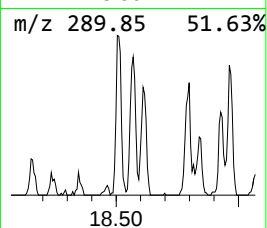
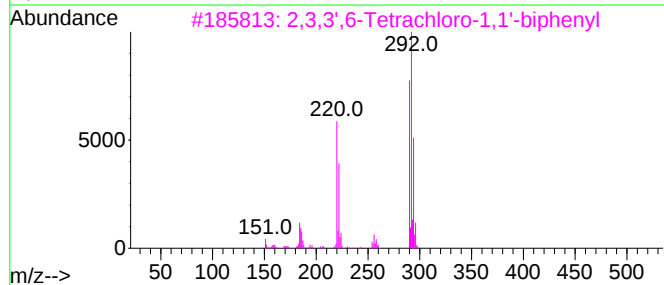
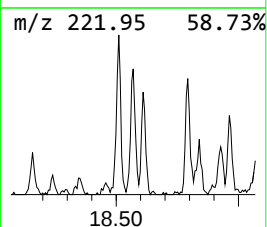
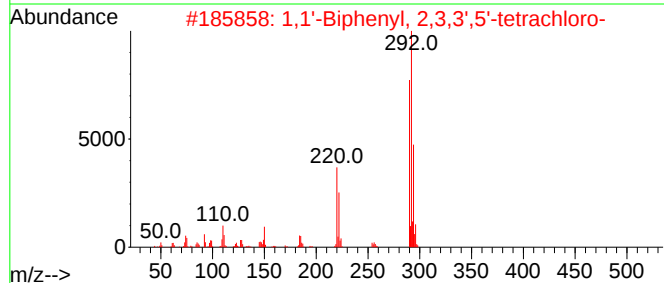
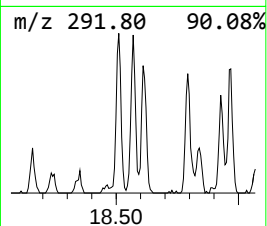
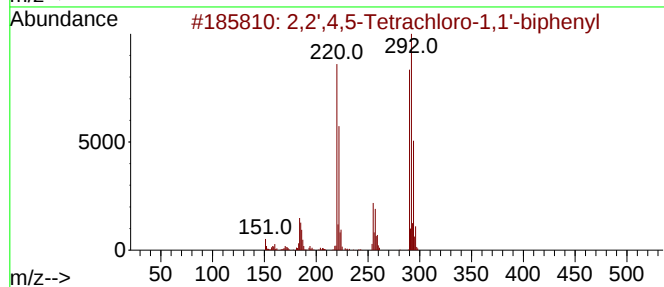
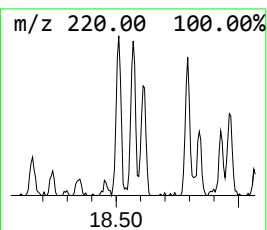
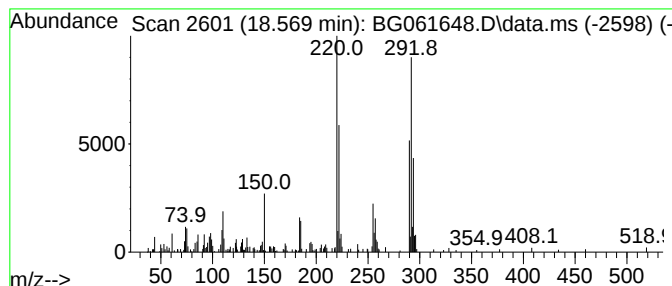
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 7 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.569 | 3.35 ng/ul | 202474 | Phenanthrene-d10 | 17.447 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2,2',4,5-Tetrachloro-1,1'-biphenyl  | 290 | C12H6Cl4     | 070362-47-9 | 95      |      |      |
| 2    | 1,1'-Biphenyl, 2,3,3',5'-tetrach... | 290 | C12H6Cl4     | 041464-49-7 | 95      |      |      |
| 3    | 2,3,3',6-Tetrachloro-1,1'-biphenyl  | 290 | C12H6Cl4     | 074472-33-6 | 94      |      |      |
| 4    | 1,1'-Biphenyl, 2,3,4,5-tetrachloro- | 290 | C12H6Cl4     | 033284-53-6 | 94      |      |      |
| 5    | 1,1'-Biphenyl, 2,2',4,5'-tetrach... | 290 | C12H6Cl4     | 041464-40-8 | 94      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062224\  
Data File : BG061648.D  
Acq On : 22 Jun 2024 14:22  
Operator : MA/JU  
Sample : P2775-22  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4D59

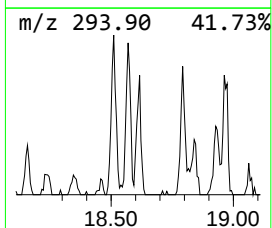
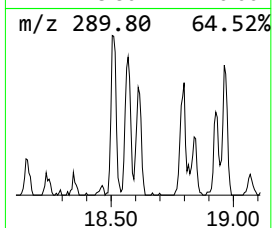
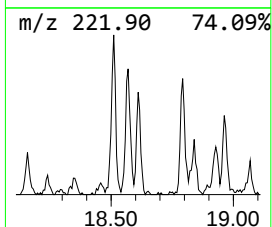
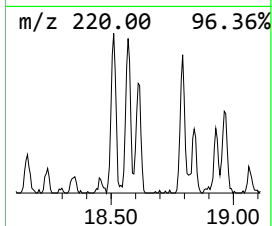
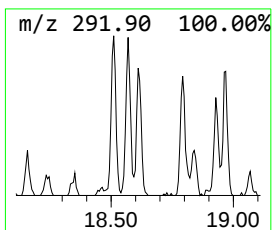
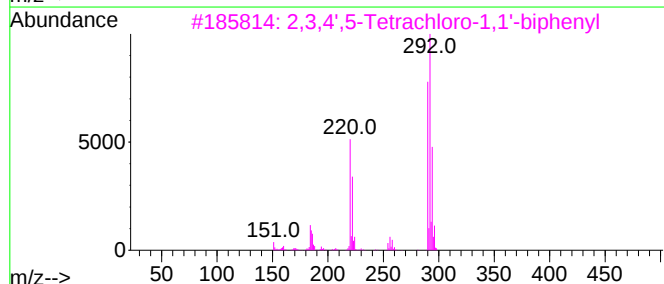
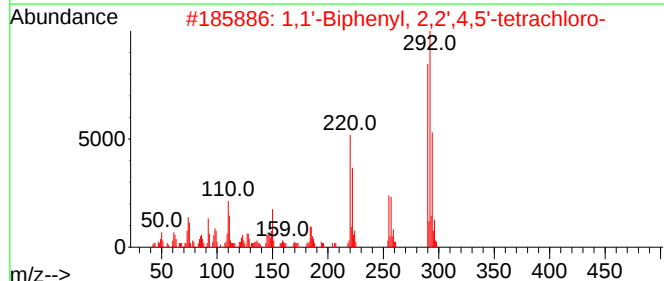
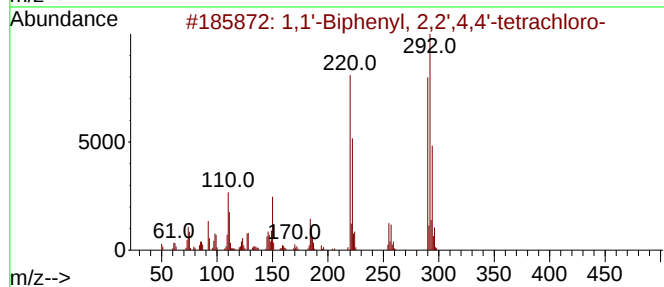
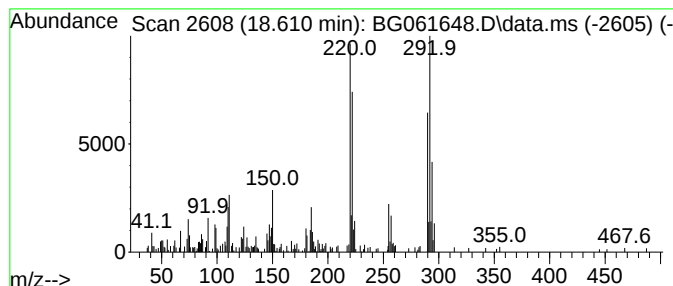
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 12

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 18.610    | 2.49 ng/ul                          | 150602 | Phenanthrene-d10 | 17.447      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1,1'-Biphenyl, 2,2',4,4'-tetrach... | 290    | C12H6Cl4         | 002437-79-8 | 98   |
| 2         | 1,1'-Biphenyl, 2,2',4,5'-tetrach... | 290    | C12H6Cl4         | 041464-40-8 | 97   |
| 3         | 2,3,4',5-Tetrachloro-1,1'-biphenyl  | 290    | C12H6Cl4         | 074472-34-7 | 97   |
| 4         | 2,3,3',6-Tetrachloro-1,1'-biphenyl  | 290    | C12H6Cl4         | 074472-33-6 | 97   |
| 5         | 2,2',4,5-Tetrachloro-1,1'-biphenyl  | 290    | C12H6Cl4         | 070362-47-9 | 97   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062224\  
Data File : BG061648.D  
Acq On : 22 Jun 2024 14:22  
Operator : MA/JU  
Sample : P2775-22  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4D59

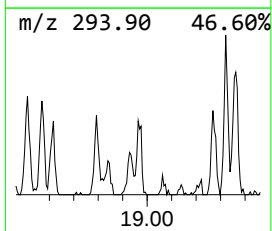
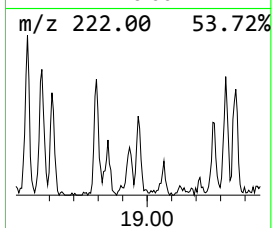
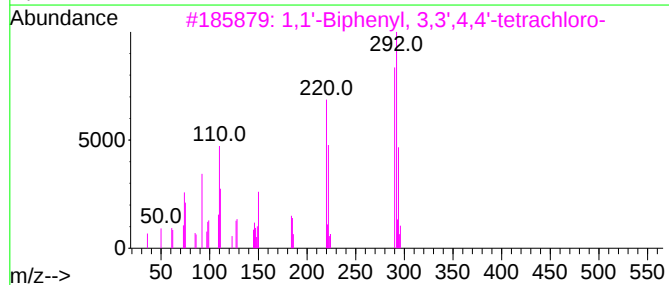
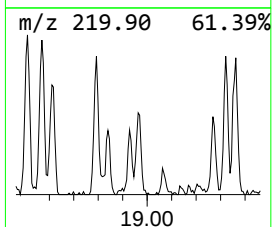
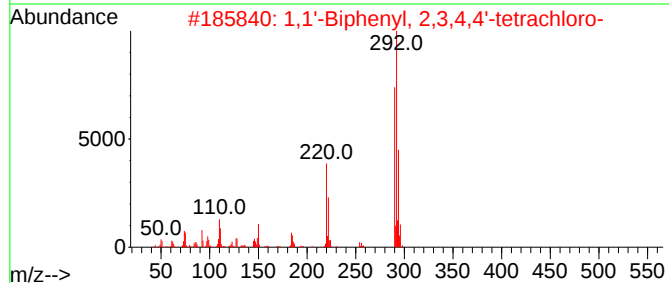
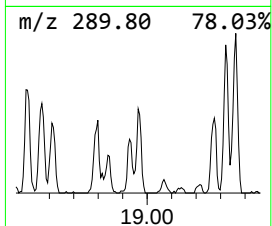
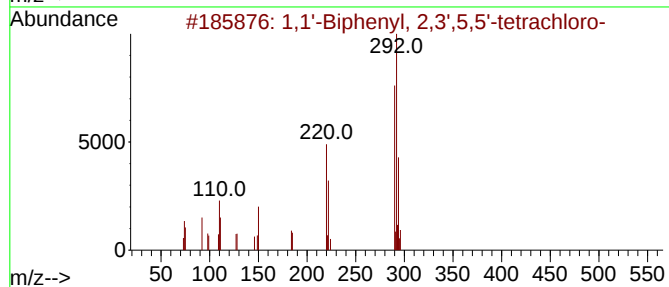
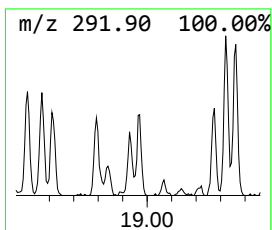
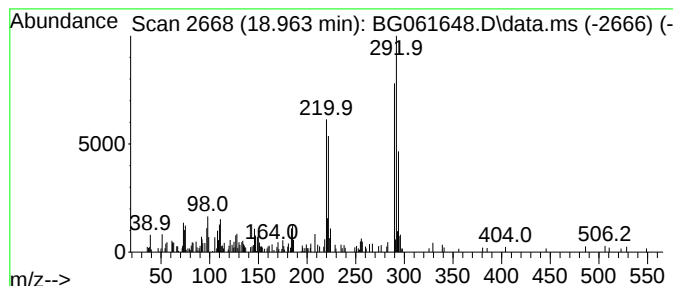
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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 14

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 18.963    | 2.32 ng/ul                          | 140096 | Phenanthrene-d10 | 17.447      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1,1'-Biphenyl, 2,3',5,5'-tetrach... | 290    | C12H6Cl4         | 041464-42-0 | 96   |
| 2         | 1,1'-Biphenyl, 2,3,4,4'-tetrachl... | 290    | C12H6Cl4         | 033025-41-1 | 95   |
| 3         | 1,1'-Biphenyl, 3,3',4,4'-tetrach... | 290    | C12H6Cl4         | 032598-13-3 | 94   |
| 4         | 1,1'-Biphenyl, 2,2',3,4-tetrachl... | 290    | C12H6Cl4         | 052663-59-9 | 94   |
| 5         | 1,1'-Biphenyl, 3,3',4,5'-tetrach... | 290    | C12H6Cl4         | 041464-48-6 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062224\  
Data File : BG061648.D  
Acq On : 22 Jun 2024 14:22  
Operator : MA/JU  
Sample : P2775-22  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4D59

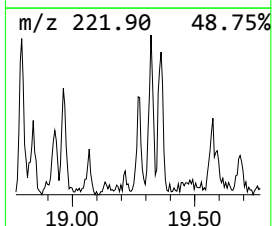
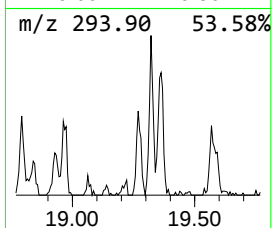
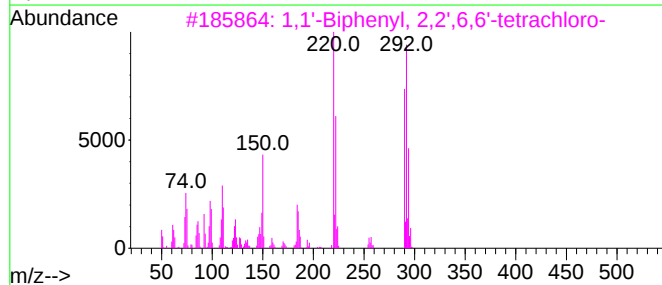
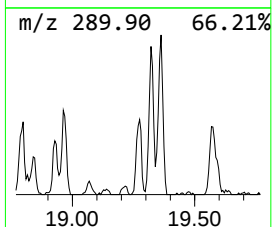
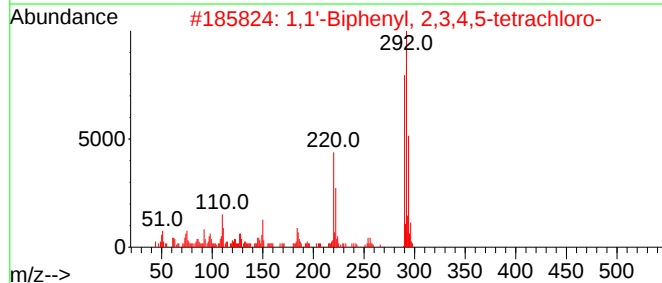
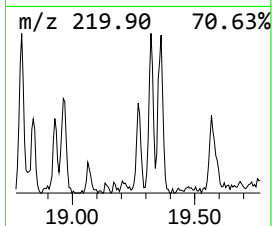
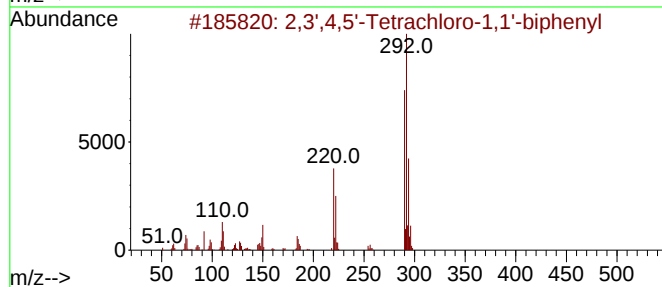
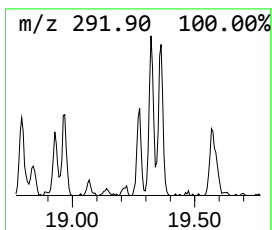
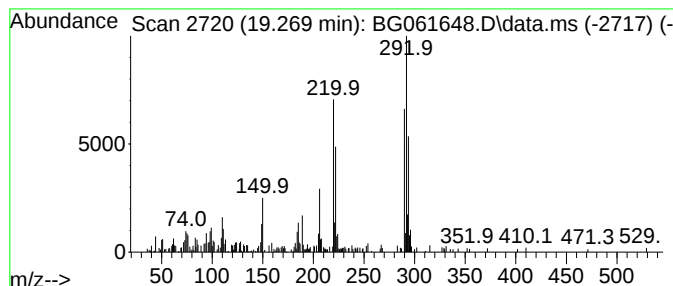
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Quant Title : SVOA CALIBRATION

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

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Peak Number 11 2,3',4,5'-Tetrachloro-1,1'-... Concentration Rank 13

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.269 | 2.39 ng/ul | 144632 | Phenanthrene-d10 | 17.447 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2,3',4,5'-Tetrachloro-1,1'-biphenyl | 290 | C12H6Cl4     | 073575-52-7 | 99      |      |      |
| 2    | 1,1'-Biphenyl, 2,3,4,5-tetrachloro- | 290 | C12H6Cl4     | 033284-53-6 | 98      |      |      |
| 3    | 1,1'-Biphenyl, 2,2',6,6'-tetrach... | 290 | C12H6Cl4     | 015968-05-5 | 98      |      |      |
| 4    | 1,1'-Biphenyl, 2,2',4,4'-tetrach... | 290 | C12H6Cl4     | 002437-79-8 | 98      |      |      |
| 5    | 1,1'-Biphenyl, 2,2',5,6'-Tetrach... | 290 | C12H6Cl4     | 041464-41-9 | 98      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062224\  
Data File : BG061648.D  
Acq On : 22 Jun 2024 14:22  
Operator : MA/JU  
Sample : P2775-22  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4D59

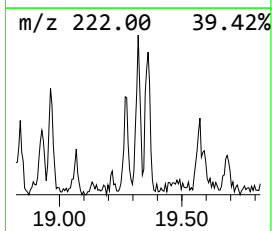
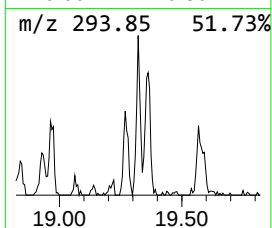
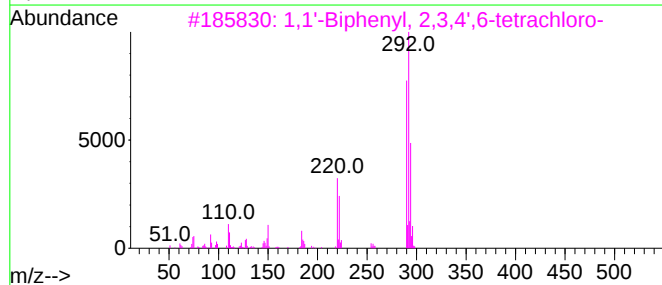
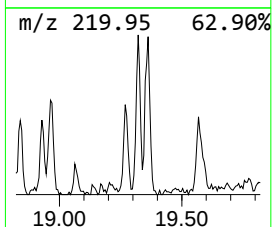
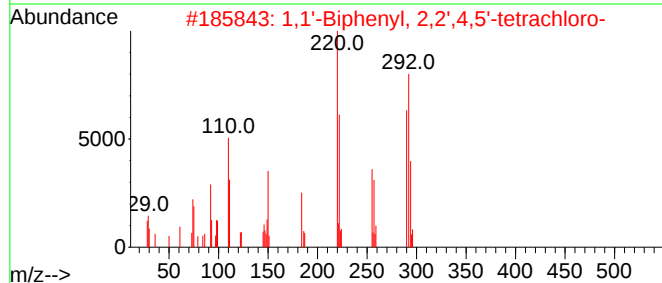
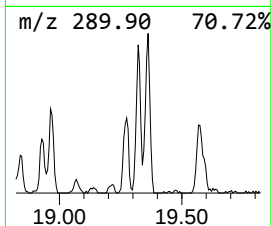
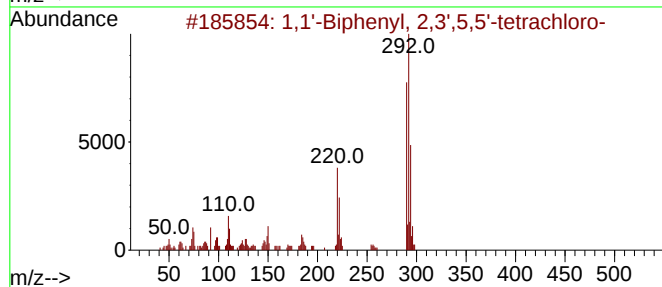
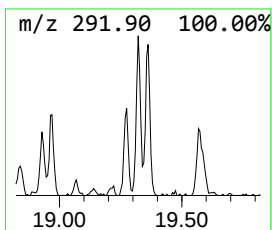
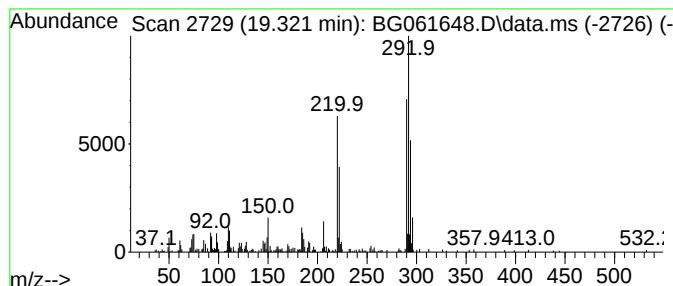
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Quant Title : SVOA CALIBRATION

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

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Peak Number 12 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.321 | 3.76 ng/ul | 227195 | Phenanthrene-d10 | 17.447 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 1,1'-Biphenyl, 2,3',5,5'-tetrach... | 290 | C12H6Cl4     | 041464-42-0 | 94      |      |      |
| 2    | 1,1'-Biphenyl, 2,2',4,5'-tetrach... | 290 | C12H6Cl4     | 041464-40-8 | 94      |      |      |
| 3    | 1,1'-Biphenyl, 2,3,4',6-tetrachl... | 290 | C12H6Cl4     | 052663-58-8 | 93      |      |      |
| 4    | 1,1'-Biphenyl, 2,3',5,5'-tetrach... | 290 | C12H6Cl4     | 041464-42-0 | 93      |      |      |
| 5    | 1,1'-Biphenyl, 2,2',3,5'-tetrach... | 290 | C12H6Cl4     | 041464-39-5 | 93      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062224\  
Data File : BG061648.D  
Acq On : 22 Jun 2024 14:22  
Operator : MA/JU  
Sample : P2775-22  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

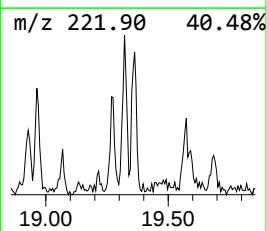
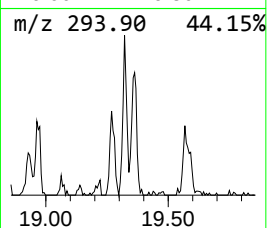
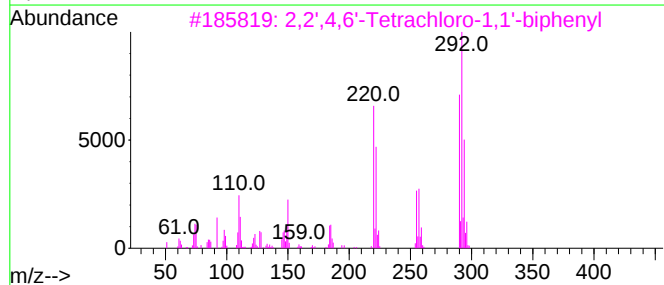
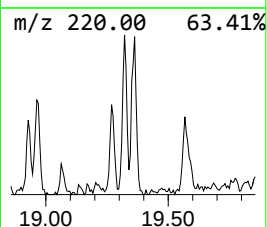
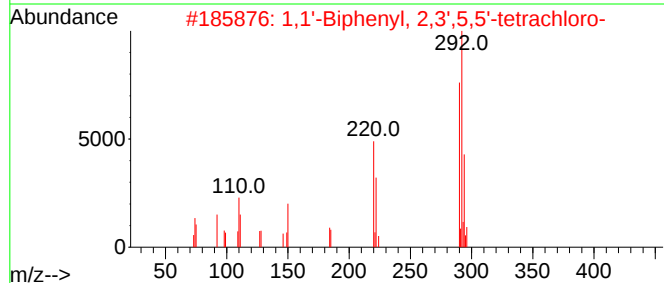
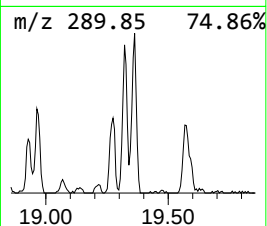
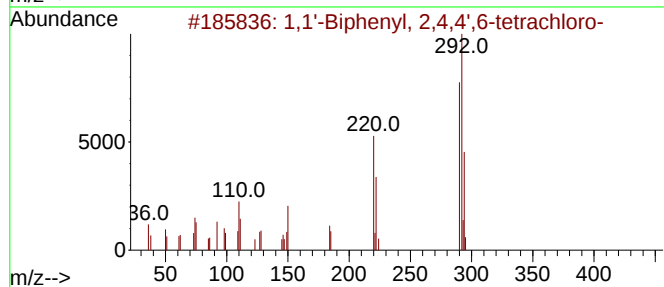
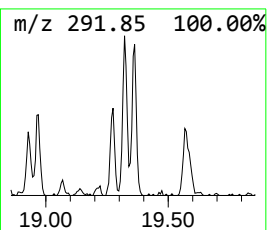
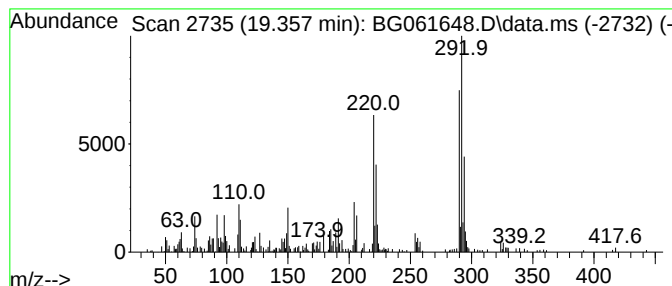
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ClientSampleId :  
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 13 1,1'-Biphenyl, 2,4,4',6-tet... Concentration Rank 4

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 19.357    | 5.22 ng/ul                          | 315540 | Phenanthrene-d10 | 17.447      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1,1'-Biphenyl, 2,4,4',6-tetrachl... | 290    | C12H6Cl4         | 032598-12-2 | 95   |
| 2         | 1,1'-Biphenyl, 2,3',5,5'-tetrach... | 290    | C12H6Cl4         | 041464-42-0 | 95   |
| 3         | 2,2',4,6'-Tetrachloro-1,1'-biphenyl | 290    | C12H6Cl4         | 068194-04-7 | 95   |
| 4         | 2,2',4,5-Tetrachloro-1,1'-biphenyl  | 290    | C12H6Cl4         | 070362-47-9 | 94   |
| 5         | 1,1'-Biphenyl, 2,2',4,4'-tetrach... | 290    | C12H6Cl4         | 002437-79-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062224\  
Data File : BG061648.D  
Acq On : 22 Jun 2024 14:22  
Operator : MA/JU  
Sample : P2775-22  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4D59

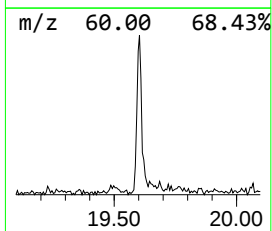
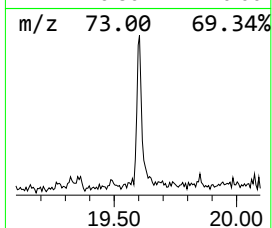
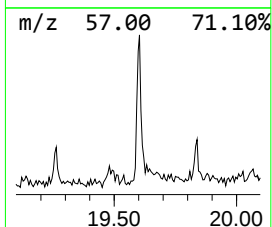
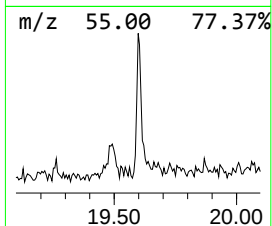
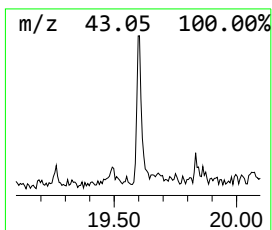
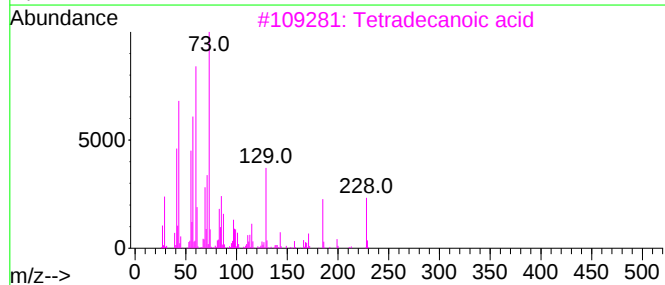
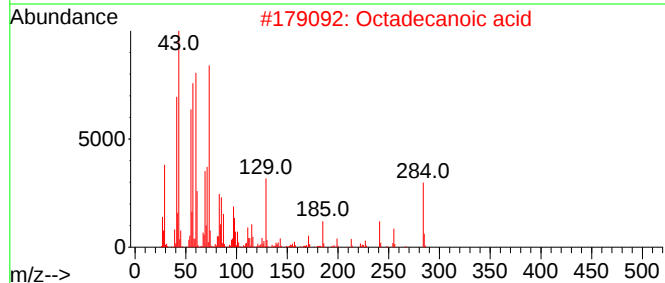
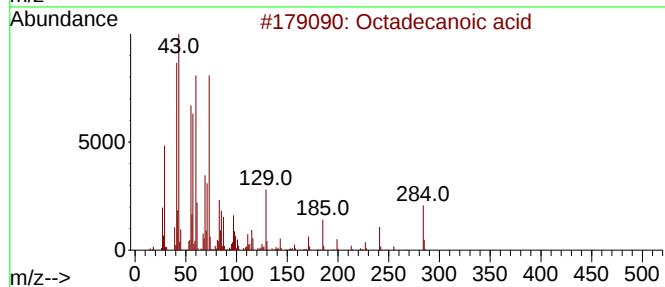
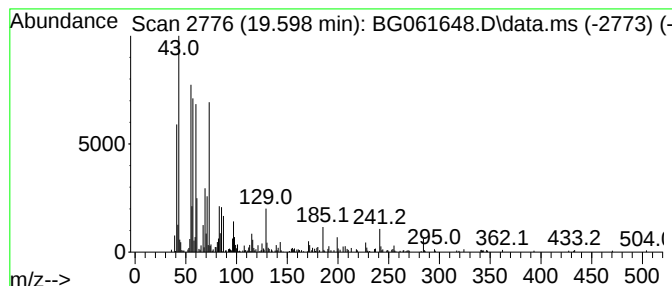
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Quant Title : SVOA CALIBRATION

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

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Peak Number 14 Octadecanoic acid Concentration Rank 15

| R.T.      | EstConc             | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------|--------|------------------|-------------|------|
| 19.598    | 2.30 ng/ul          | 221653 | Chrysene-d12     | 21.707      |      |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#        | Qual |
| 1         | Octadecanoic acid   | 284    | C18H36O2         | 000057-11-4 | 93   |
| 2         | Octadecanoic acid   | 284    | C18H36O2         | 000057-11-4 | 80   |
| 3         | Tetradecanoic acid  | 228    | C14H28O2         | 000544-63-8 | 59   |
| 4         | Pentadecanoic acid  | 242    | C15H30O2         | 001002-84-2 | 55   |
| 5         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062224\  
Data File : BG061648.D  
Acq On : 22 Jun 2024 14:22  
Operator : MA/JU  
Sample : P2775-22  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4D59

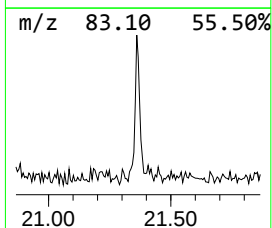
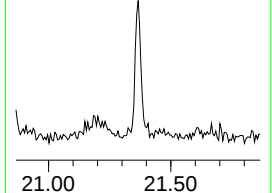
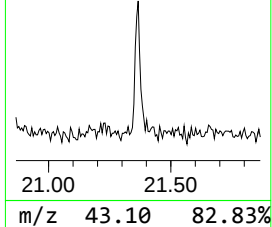
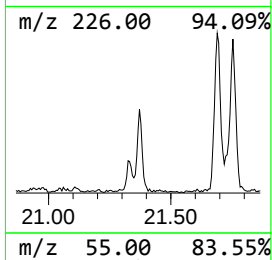
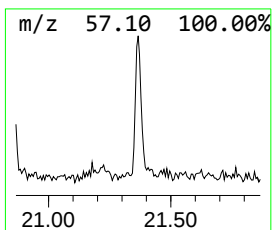
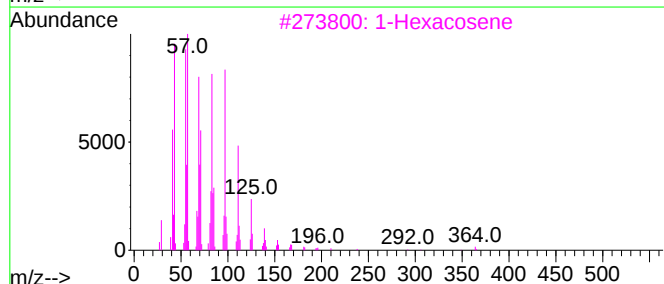
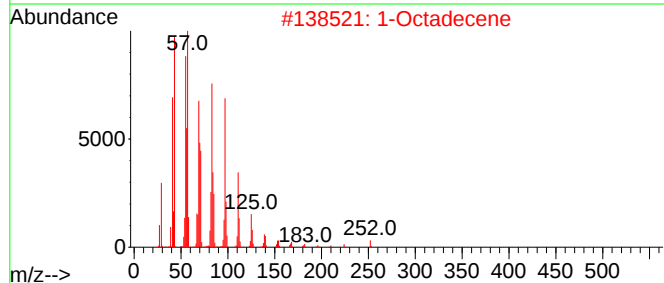
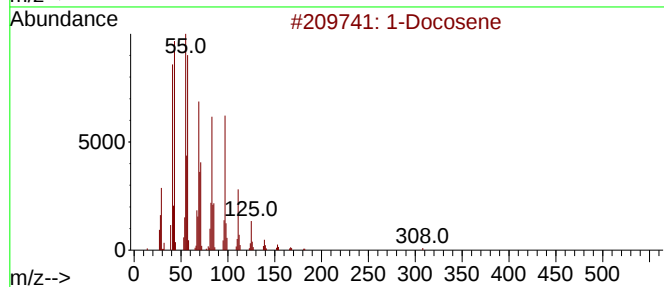
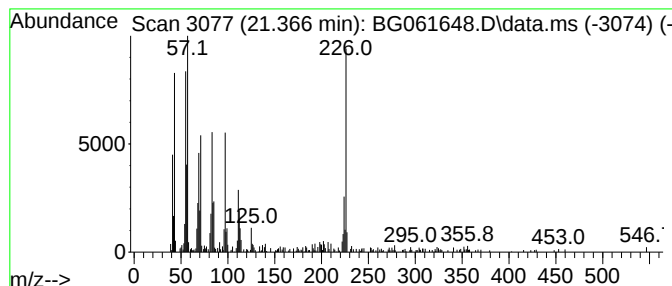
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Quant Title : SVOA CALIBRATION

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

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Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 21.366    | 3.82 ng/ul                          | 367913 | Chrysene-d12     | 21.707      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Docosene                          | 308    | C22H44           | 001599-67-3 | 60   |
| 2         | 1-Octadecene                        | 252    | C18H36           | 000112-88-9 | 60   |
| 3         | 1-Hexacosene                        | 364    | C26H52           | 018835-33-1 | 56   |
| 4         | Cyclohexadecane                     | 224    | C16H32           | 000295-65-8 | 53   |
| 5         | Trichloroacetic acid, hexadecyl ... | 386    | C18H33Cl3O2      | 074339-54-1 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062224\  
Data File : BG061648.D  
Acq On : 22 Jun 2024 14:22  
Operator : MA/JU  
Sample : P2775-22  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
A4D59

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062024.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         | 4.004  | 2.6     | ng/ul | 49073    | 1                     | 8.076  | 374460  | 20.0 |
| unknown-02         | 5.156  | 3.9     | ng/ul | 72940    | 1                     | 8.076  | 374460  | 20.0 |
| 1-Phenoxypropan... | 11.625 | 2.8     | ng/ul | 82916    | 2                     | 10.890 | 603585  | 20.0 |
| 1,1'-Biphenyl, ... | 18.046 | 7.8     | ng/ul | 472816   | 4                     | 17.447 | 1209800 | 20.0 |
| n-Hexadecanoic ... | 18.334 | 13.3    | ng/ul | 806392   | 4                     | 17.447 | 1209800 | 20.0 |
| 1,1'-Biphenyl, ... | 18.511 | 7.5     | ng/ul | 455765   | 4                     | 17.447 | 1209800 | 20.0 |
| 2,2',4,5-Tetrac... | 18.569 | 3.4     | ng/ul | 202474   | 4                     | 17.447 | 1209800 | 20.0 |
| 1,1'-Biphenyl, ... | 18.610 | 2.5     | ng/ul | 150602   | 4                     | 17.447 | 1209800 | 20.0 |
| 1,1'-Biphenyl, ... | 18.793 | 3.5     | ng/ul | 212898   | 4                     | 17.447 | 1209800 | 20.0 |
| 1,1'-Biphenyl, ... | 18.963 | 2.3     | ng/ul | 140096   | 4                     | 17.447 | 1209800 | 20.0 |
| 2,3',4,5'-Tetra... | 19.269 | 2.4     | ng/ul | 144632   | 4                     | 17.447 | 1209800 | 20.0 |
| 1,1'-Biphenyl, ... | 19.321 | 3.8     | ng/ul | 227195   | 4                     | 17.447 | 1209800 | 20.0 |
| 1,1'-Biphenyl, ... | 19.357 | 5.2     | ng/ul | 315540   | 4                     | 17.447 | 1209800 | 20.0 |
| Octadecanoic acid  | 19.598 | 2.3     | ng/ul | 221653   | 5                     | 21.707 | 1928510 | 20.0 |
| (DEL) Alkane: S... | 21.366 | 3.8     | ng/ul | 367913   | 5                     | 21.707 | 1928510 | 20.0 |