

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
 Data File : BG051505.D  
 Acq On : 14 Dec 2021 15:46  
 Operator : CG/JU  
 Sample : M5013-05  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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-BG121421.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG051505.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         | 3.608       | 14            | 20          | 26           | rVV      | 6725           | 11418         | 0.56%           | 0.033%        |
| 2         | 3.966       | 76            | 81          | 82           | rBV4     | 2381           | 2787          | 0.14%           | 0.008%        |
| 3         | 4.043       | 89            | 94          | 104          | rBV      | 92897          | 163894        | 8.05%           | 0.478%        |
| 4         | 4.395       | 148           | 154         | 160          | rVV2     | 3814           | 7242          | 0.36%           | 0.021%        |
| 5         | 4.659       | 193           | 199         | 203          | rBV3     | 4706           | 7644          | 0.38%           | 0.022%        |
| 6         | 4.718       | 206           | 209         | 213          | rBV4     | 4463           | 6164          | 0.30%           | 0.018%        |
| 7         | 4.930       | 240           | 245         | 247          | rBV5     | 2461           | 3674          | 0.18%           | 0.011%        |
| 8         | 5.335       | 308           | 314         | 322          | rVB      | 26192          | 39166         | 1.92%           | 0.114%        |
| 9         | 5.552       | 345           | 351         | 357          | rVB2     | 18601          | 32218         | 1.58%           | 0.094%        |
| 10        | 6.439       | 496           | 502         | 508          | rBV3     | 7869           | 14794         | 0.73%           | 0.043%        |
| 11        | 7.274       | 640           | 644         | 650          | rVB4     | 5216           | 8938          | 0.44%           | 0.026%        |
| 12        | 7.326       | 650           | 653         | 658          | rBV3     | 1282           | 3021          | 0.15%           | 0.009%        |
| 13        | 7.409       | 660           | 667         | 677          | rVB      | 180473         | 328576        | 16.14%          | 0.957%        |
| 14        | 7.491       | 677           | 681         | 682          | rBV2     | 1782           | 2498          | 0.12%           | 0.007%        |
| 15        | 7.514       | 682           | 685         | 688          | rVB4     | 2011           | 3153          | 0.15%           | 0.009%        |
| 16        | 7.591       | 691           | 698         | 707          | rVV      | 105235         | 175175        | 8.61%           | 0.510%        |
| 17        | 7.808       | 726           | 735         | 737          | rBV      | 151239         | 247508        | 12.16%          | 0.721%        |
| 18        | 7.837       | 737           | 740         | 749          | rVB      | 181604         | 311361        | 15.30%          | 0.907%        |
| 19        | 7.908       | 749           | 752         | 757          | rBV2     | 1512           | 2650          | 0.13%           | 0.008%        |
| 20        | 8.284       | 809           | 816         | 823          | rBV      | 108777         | 186830        | 9.18%           | 0.544%        |
| 21        | 8.531       | 852           | 858         | 863          | rBV4     | 2363           | 4651          | 0.23%           | 0.014%        |
| 22        | 8.813       | 896           | 906         | 913          | rVV2     | 181836         | 451488        | 22.18%          | 1.316%        |
| 23        | 8.865       | 913           | 915         | 921          | rVB3     | 17463          | 25196         | 1.24%           | 0.073%        |
| 24        | 8.977       | 926           | 934         | 944          | rBV      | 188771         | 323137        | 15.88%          | 0.942%        |
| 25        | 9.112       | 949           | 957         | 964          | rBV      | 227599         | 403270        | 19.81%          | 1.175%        |
| 26        | 9.388       | 997           | 1004        | 1009         | rBV      | 86419          | 150244        | 7.38%           | 0.438%        |
| 27        | 9.453       | 1009          | 1015        | 1018         | rVV      | 141328         | 257683        | 12.66%          | 0.751%        |
| 28        | 9.494       | 1018          | 1022        | 1033         | rVB      | 257236         | 450220        | 22.12%          | 1.312%        |
| 29        | 9.770       | 1062          | 1069        | 1077         | rBV      | 340689         | 555258        | 27.28%          | 1.618%        |
| 30        | 10.187      | 1132          | 1140        | 1141         | rVV      | 115043         | 187975        | 9.24%           | 0.548%        |
| 31        | 10.217      | 1141          | 1145        | 1152         | rVV      | 185629         | 345183        | 16.96%          | 1.006%        |
| 32        | 10.281      | 1152          | 1156        | 1163         | rVB4     | 11838          | 24103         | 1.18%           | 0.070%        |
| 33        | 10.728      | 1224          | 1232        | 1244         | rVV2     | 204218         | 590450        | 29.01%          | 1.720%        |
| 34        | 10.974      | 1269          | 1274        | 1280         | rVV3     | 13632          | 23705         | 1.16%           | 0.069%        |
| 35        | 11.121      | 1288          | 1299        | 1304         | rVV      | 146661         | 278826        | 13.70%          | 0.812%        |
| 36        | 11.174      | 1304          | 1308        | 1314         | rVV      | 119759         | 208071        | 10.22%          | 0.606%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
 Data File : BG051505.D  
 Acq On : 14 Dec 2021 15:46  
 Operator : CG/JU  
 Sample : M5013-05  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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-BG121421.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 11.239 | 1314 | 1319 | 1331 | rVB  | 76135  | 139285  | 6.84%  | 0.406% |
| 38 | 11.820 | 1412 | 1418 | 1425 | rVV  | 11423  | 16639   | 0.82%  | 0.048% |
| 39 | 12.367 | 1503 | 1511 | 1519 | rBV  | 336298 | 560220  | 27.52% | 1.632% |
| 40 | 12.625 | 1548 | 1555 | 1563 | rBV  | 251214 | 416437  | 20.46% | 1.213% |
| 41 | 12.684 | 1563 | 1565 | 1569 | rVB3 | 2470   | 3332    | 0.16%  | 0.010% |
| 42 | 12.884 | 1595 | 1599 | 1601 | rBV3 | 3916   | 4614    | 0.23%  | 0.013% |
| 43 | 12.978 | 1608 | 1615 | 1625 | rVB  | 448730 | 753152  | 37.00% | 2.195% |
| 44 | 13.124 | 1633 | 1640 | 1646 | rBV2 | 177765 | 290818  | 14.29% | 0.847% |
| 45 | 13.354 | 1672 | 1679 | 1684 | rBV  | 241809 | 397961  | 19.55% | 1.160% |
| 46 | 13.753 | 1741 | 1747 | 1754 | rVV  | 487095 | 760784  | 37.38% | 2.217% |
| 47 | 13.988 | 1779 | 1787 | 1795 | rBV  | 319286 | 512234  | 25.17% | 1.493% |
| 48 | 14.105 | 1802 | 1807 | 1813 | rVB  | 10047  | 15334   | 0.75%  | 0.045% |
| 49 | 14.311 | 1835 | 1842 | 1848 | rBV  | 392034 | 558864  | 27.46% | 1.628% |
| 50 | 14.399 | 1850 | 1857 | 1863 | rVV  | 128568 | 198026  | 9.73%  | 0.577% |
| 51 | 14.470 | 1863 | 1869 | 1877 | rVB  | 285964 | 447220  | 21.97% | 1.303% |
| 52 | 14.617 | 1887 | 1894 | 1896 | rVV  | 404720 | 717546  | 35.25% | 2.091% |
| 53 | 14.640 | 1896 | 1898 | 1907 | rVB  | 576947 | 806086  | 39.60% | 2.349% |
| 54 | 14.916 | 1936 | 1945 | 1951 | rBV  | 256661 | 403613  | 19.83% | 1.176% |
| 55 | 14.981 | 1951 | 1956 | 1962 | rVB  | 61114  | 93786   | 4.61%  | 0.273% |
| 56 | 15.092 | 1966 | 1975 | 1983 | rBV2 | 475929 | 923653  | 45.38% | 2.691% |
| 57 | 15.257 | 1994 | 2003 | 2008 | rBV  | 363713 | 540256  | 26.54% | 1.574% |
| 58 | 15.316 | 2008 | 2013 | 2019 | rVB  | 247944 | 389292  | 19.13% | 1.134% |
| 59 | 15.545 | 2045 | 2052 | 2062 | rVB  | 84943  | 139952  | 6.88%  | 0.408% |
| 60 | 15.639 | 2065 | 2068 | 2069 | rBV3 | 1916   | 2445    | 0.12%  | 0.007% |
| 61 | 15.715 | 2075 | 2081 | 2087 | rVB  | 632342 | 861148  | 42.31% | 2.509% |
| 62 | 15.903 | 2107 | 2113 | 2119 | rBV  | 521773 | 806428  | 39.62% | 2.350% |
| 63 | 15.962 | 2119 | 2123 | 2126 | rVV  | 125806 | 187430  | 9.21%  | 0.546% |
| 64 | 16.003 | 2126 | 2130 | 2136 | rVB  | 170229 | 252368  | 12.40% | 0.735% |
| 65 | 16.156 | 2145 | 2156 | 2162 | rBV  | 774449 | 1190412 | 58.49% | 3.469% |
| 66 | 16.391 | 2191 | 2196 | 2205 | rBV2 | 60903  | 98749   | 4.85%  | 0.288% |
| 67 | 16.473 | 2207 | 2210 | 2211 | rVV3 | 3146   | 2623    | 0.13%  | 0.008% |
| 68 | 16.532 | 2217 | 2220 | 2225 | rVV  | 12358  | 18931   | 0.93%  | 0.055% |
| 69 | 16.614 | 2232 | 2234 | 2237 | rBV3 | 1975   | 2435    | 0.12%  | 0.007% |
| 70 | 16.655 | 2240 | 2241 | 2244 | rVB2 | 2292   | 2330    | 0.11%  | 0.007% |
| 71 | 16.690 | 2244 | 2247 | 2249 | rBV3 | 2536   | 3223    | 0.16%  | 0.009% |
| 72 | 16.767 | 2257 | 2260 | 2262 | rBV3 | 4187   | 4015    | 0.20%  | 0.012% |
| 73 | 16.837 | 2267 | 2272 | 2275 | rVV2 | 12392  | 16916   | 0.83%  | 0.049% |
| 74 | 16.902 | 2275 | 2283 | 2289 | rVV  | 159372 | 231058  | 11.35% | 0.673% |
| 75 | 16.972 | 2289 | 2295 | 2303 | rVB  | 515942 | 791088  | 38.87% | 2.305% |
| 76 | 17.307 | 2346 | 2352 | 2362 | rBV  | 416826 | 615979  | 30.26% | 1.795% |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
 Data File : BG051505.D  
 Acq On : 14 Dec 2021 15:46  
 Operator : CG/JU  
 Sample : M5013-05  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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-BG121421.M  
 Title : SVOA CALIBRATION

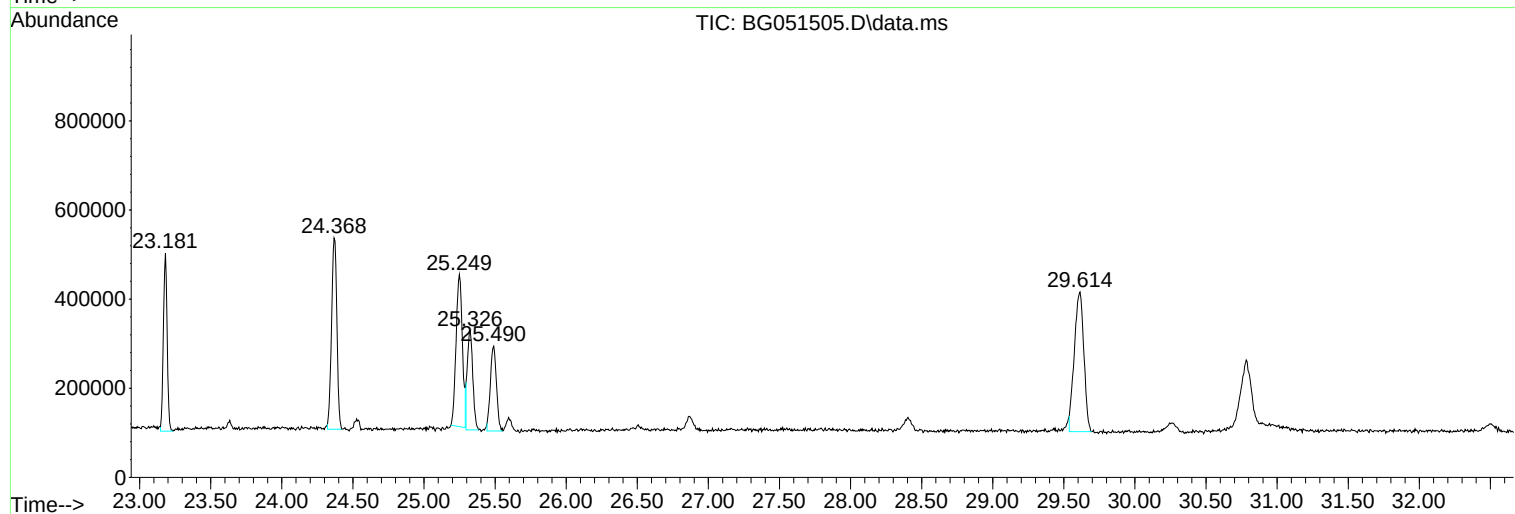
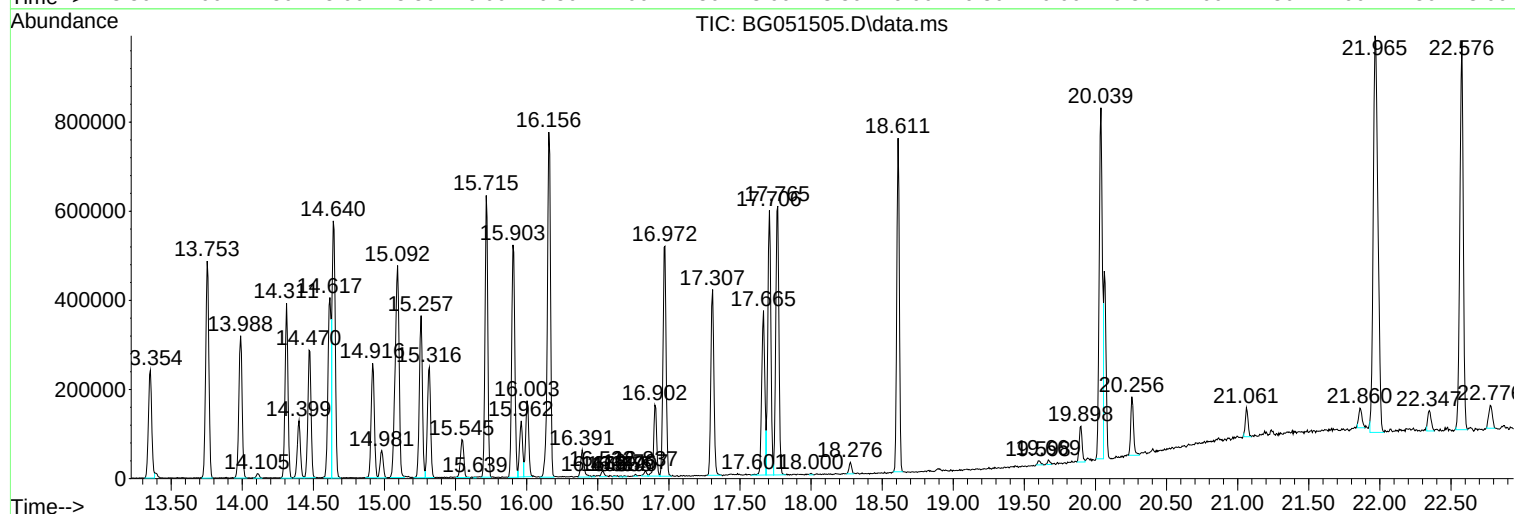
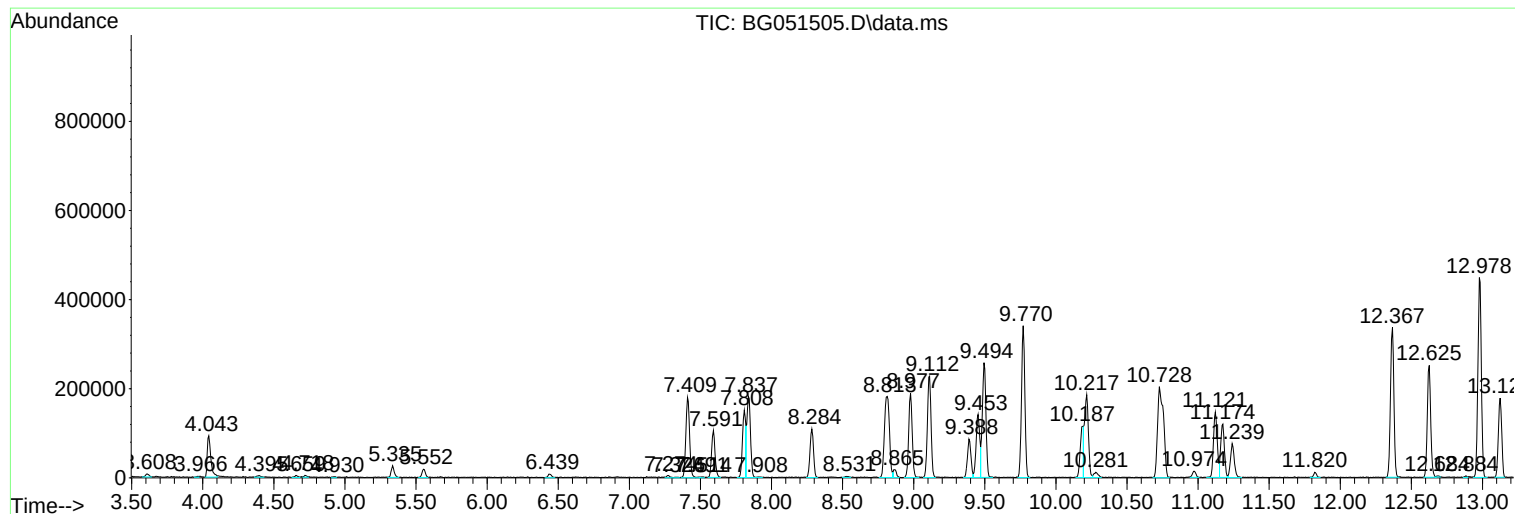
|     |        |      |      |      |      |        |         |         |        |
|-----|--------|------|------|------|------|--------|---------|---------|--------|
| 77  | 17.601 | 2398 | 2402 | 2405 | rBV3 | 2225   | 3329    | 0.16%   | 0.010% |
| 78  | 17.665 | 2406 | 2413 | 2416 | rVV  | 368988 | 569146  | 27.96%  | 1.658% |
| 79  | 17.706 | 2416 | 2420 | 2425 | rVV  | 593254 | 886937  | 43.58%  | 2.584% |
| 80  | 17.765 | 2425 | 2430 | 2440 | rVB  | 603182 | 931235  | 45.75%  | 2.713% |
| 81  | 18.000 | 2468 | 2470 | 2473 | rVB4 | 3218   | 2870    | 0.14%   | 0.008% |
| 82  | 18.276 | 2512 | 2517 | 2521 | rBV3 | 26021  | 34070   | 1.67%   | 0.099% |
| 83  | 18.611 | 2569 | 2574 | 2580 | rVB  | 748470 | 941340  | 46.25%  | 2.743% |
| 84  | 19.598 | 2740 | 2742 | 2748 | rVB4 | 9175   | 13972   | 0.69%   | 0.041% |
| 85  | 19.669 | 2752 | 2754 | 2758 | rVB4 | 9963   | 11928   | 0.59%   | 0.035% |
| 86  | 19.898 | 2788 | 2793 | 2798 | rBV2 | 80090  | 115113  | 5.66%   | 0.335% |
| 87  | 20.039 | 2811 | 2817 | 2820 | rBV  | 787766 | 1292540 | 63.50%  | 3.766% |
| 88  | 20.256 | 2850 | 2854 | 2863 | rBV  | 131301 | 178001  | 8.75%   | 0.519% |
| 89  | 21.061 | 2988 | 2991 | 2997 | rVB  | 65046  | 83852   | 4.12%   | 0.244% |
| 90  | 21.860 | 3124 | 3127 | 3133 | rVB2 | 43726  | 69869   | 3.43%   | 0.204% |
| 91  | 21.965 | 3139 | 3145 | 3156 | rVB2 | 889848 | 2035347 | 100.00% | 5.931% |
| 92  | 22.347 | 3207 | 3210 | 3216 | rVB7 | 45434  | 75024   | 3.69%   | 0.219% |
| 93  | 22.576 | 3242 | 3249 | 3256 | rVB  | 872294 | 1449198 | 71.20%  | 4.223% |
| 94  | 22.776 | 3279 | 3283 | 3289 | rVB7 | 51375  | 92806   | 4.56%   | 0.270% |
| 95  | 23.181 | 3346 | 3352 | 3361 | rVB  | 399561 | 738028  | 36.26%  | 2.150% |
| 96  | 24.368 | 3546 | 3554 | 3563 | rVB  | 428855 | 1119009 | 54.98%  | 3.261% |
| 97  | 25.249 | 3694 | 3704 | 3711 | rBV2 | 339919 | 1063936 | 52.27%  | 3.100% |
| 98  | 25.326 | 3712 | 3717 | 3727 | rVB2 | 222424 | 572202  | 28.11%  | 1.667% |
| 99  | 25.490 | 3737 | 3745 | 3756 | rVB2 | 190366 | 567863  | 27.90%  | 1.655% |
| 100 | 29.614 | 4434 | 4447 | 4461 | rVB  | 313130 | 1457355 | 71.60%  | 4.246% |

Sum of corrected areas: 34319823

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051505.D  
Acq On : 14 Dec 2021 15:46  
Operator : CG/JU  
Sample : M5013-05  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051505.D  
Acq On : 14 Dec 2021 15:46  
Operator : CG/JU  
Sample : M5013-05  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

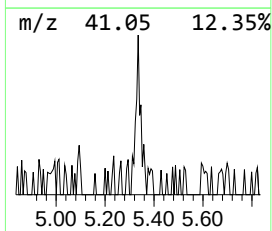
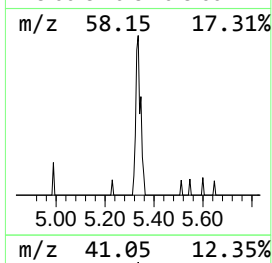
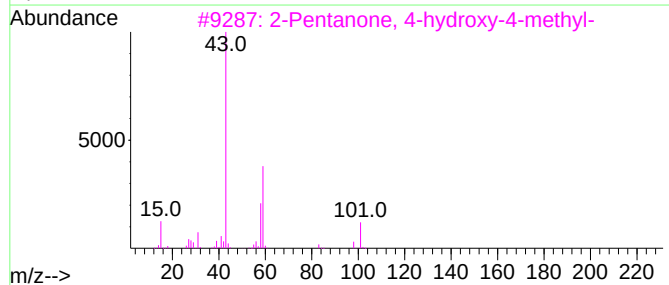
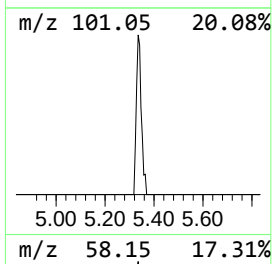
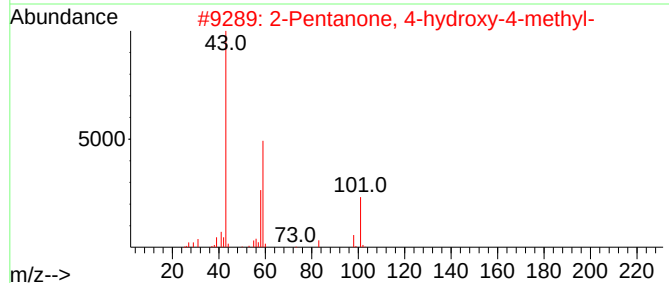
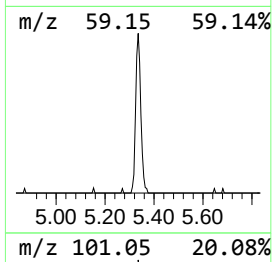
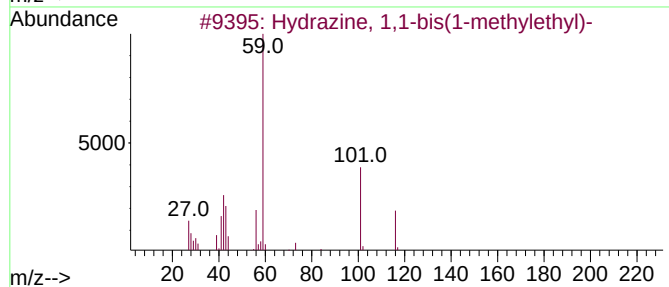
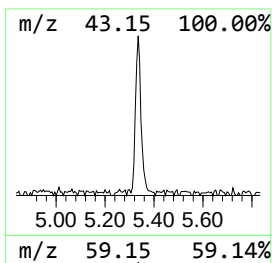
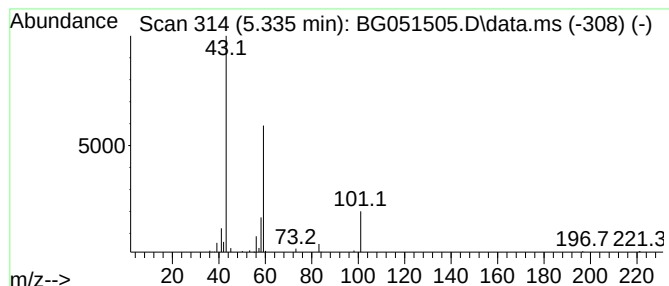
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 unknown-01 Concentration Rank 7

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 5.335 | 4.19 ng/ul | 39166 | 1,4-Dichlorobenzene-d4 | 8.284 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Hydrazine, 1,1-bis(1-methylethyl)-  | 116 | C6H16N2  | 000921-14-2  | 47   |
| 2    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2  | 45   |
| 3    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2  | 38   |
| 4    |    |   | Succinic acid, 2-methoxyethyl te... | 372 | C21H40O5 | 1000325-81-3 | 33   |
| 5    |    |   | 3-Octanol                           | 130 | C8H18O   | 000589-98-0  | 28   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051505.D  
Acq On : 14 Dec 2021 15:46  
Operator : CG/JU  
Sample : M5013-05  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

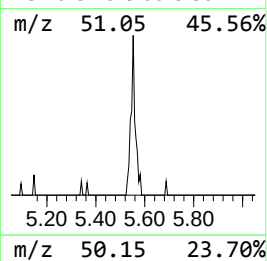
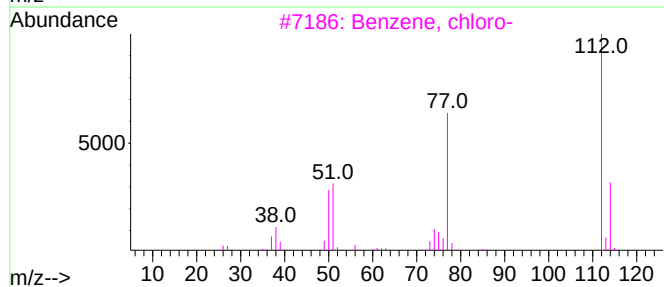
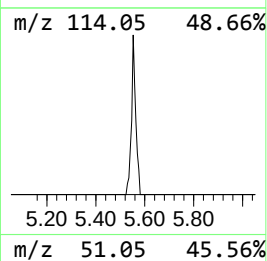
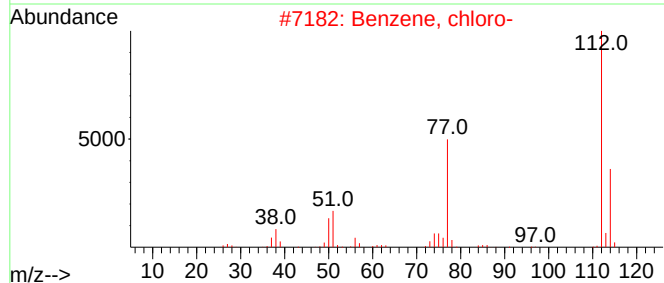
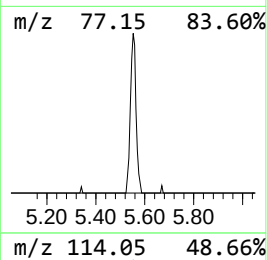
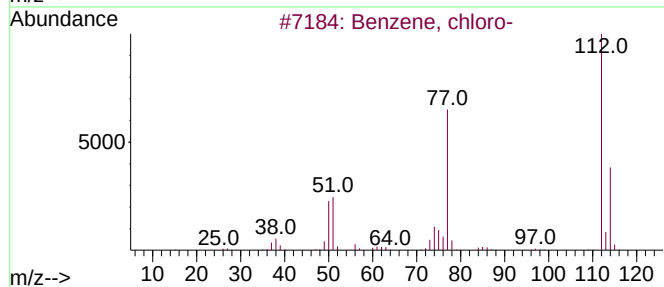
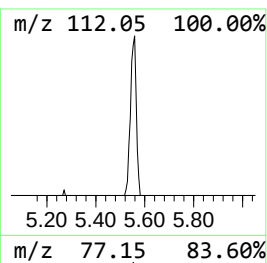
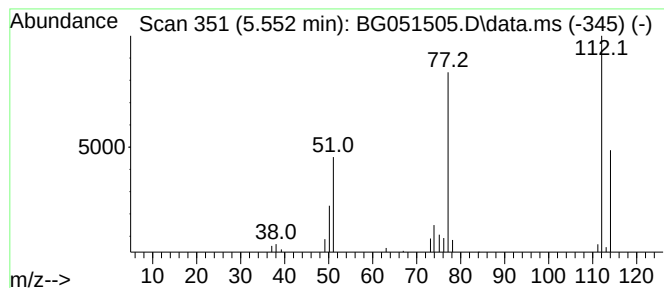
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Benzene, chloro- Concentration Rank 9

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 5.552 | 3.45 ng/ul | 32218 | 1,4-Dichlorobenzene-d4 | 8.284 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 90   |
| 2    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 86   |
| 3    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 74   |
| 4    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 74   |
| 5    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051505.D  
Acq On : 14 Dec 2021 15:46  
Operator : CG/JU  
Sample : M5013-05  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

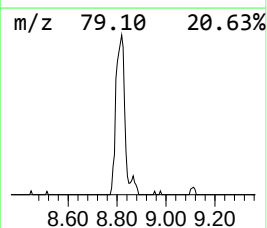
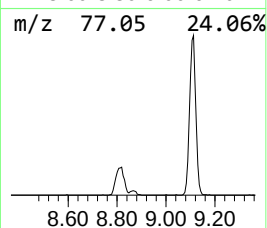
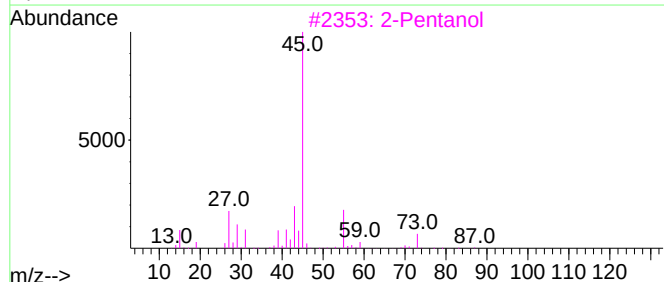
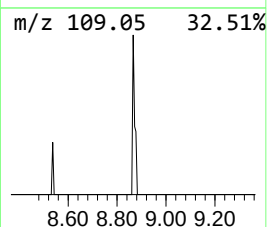
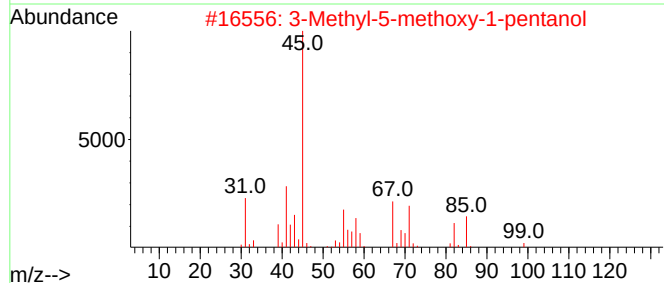
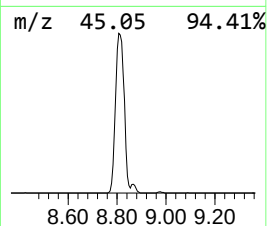
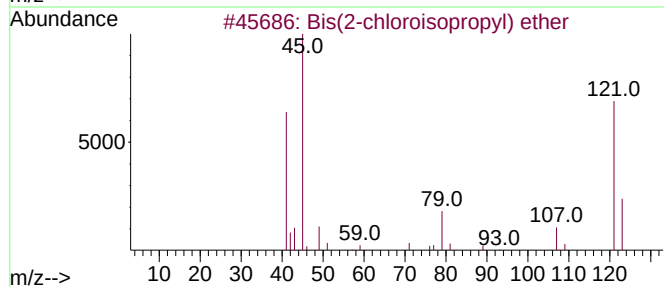
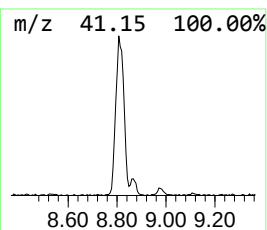
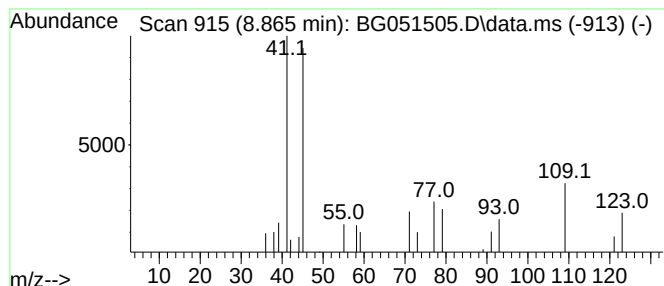
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 unknown-02 Concentration Rank 10

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 8.865 | 2.70 ng/ul | 25196 | 1,4-Dichlorobenzene-d4 | 8.284 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm   | CAS#         | Qual |
|------|----|---|------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Bis(2-chloroisopropyl) ether       | 170 | C6H12Cl2O | 039638-32-9  | 25   |
| 2    |    |   | 3-Methyl-5-methoxy-1-pentanol      | 132 | C7H16O2   | 070928-41-5  | 9    |
| 3    |    |   | 2-Pentanol                         | 88  | C5H12O    | 006032-29-7  | 9    |
| 4    |    |   | Butane, 1,2,4-trimethoxy-          | 148 | C7H16O3   | 020637-48-3  | 9    |
| 5    |    |   | 1-Methoxy-5-trifluoroacetoxyhexane | 228 | C9H15F3O3 | 1000216-63-2 | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051505.D  
Acq On : 14 Dec 2021 15:46  
Operator : CG/JU  
Sample : M5013-05  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

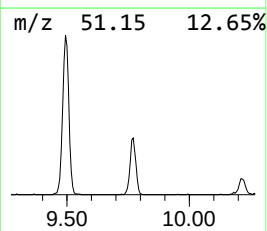
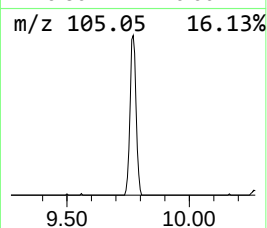
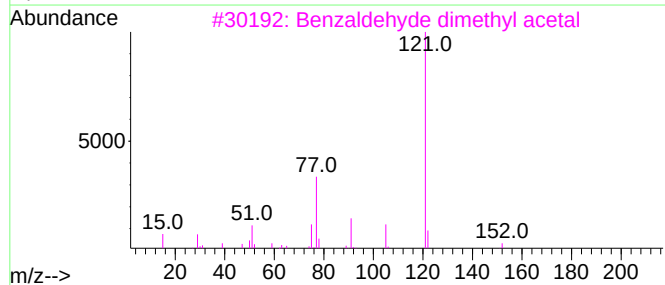
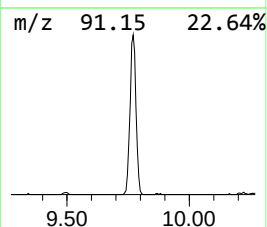
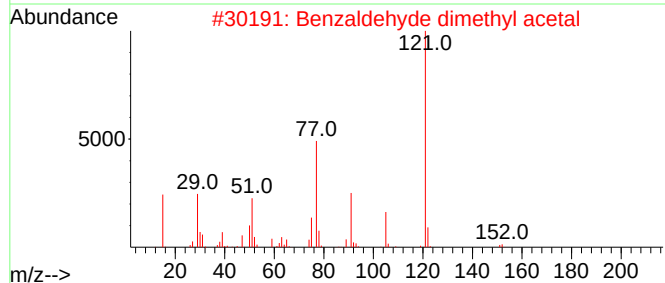
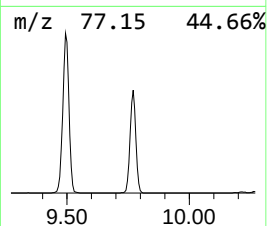
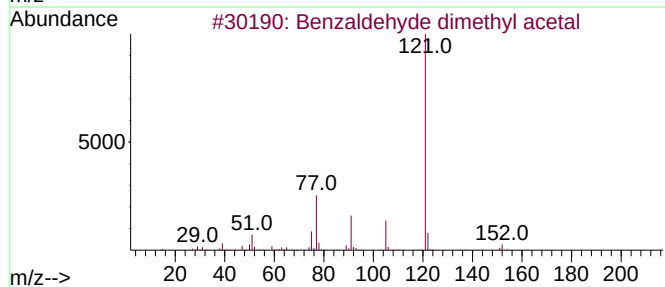
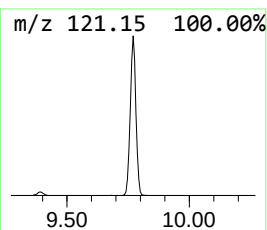
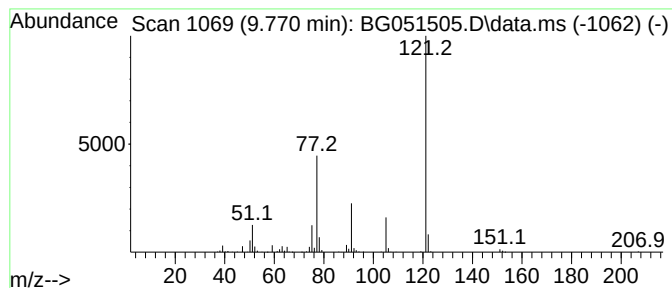
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Benzaldehyde dimethyl acetal Concentration Rank 1

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.   |
|-------|-------------|--------|------------------|--------|
| 9.770 | 39.83 ng/ul | 555258 | Naphthalene-d8   | 11.121 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzaldehyde dimethyl acetal        | 152 | C9H12O2  | 001125-88-8 | 95   |
| 2    |    |   | Benzaldehyde dimethyl acetal        | 152 | C9H12O2  | 001125-88-8 | 91   |
| 3    |    |   | Benzaldehyde dimethyl acetal        | 152 | C9H12O2  | 001125-88-8 | 90   |
| 4    |    |   | Benzeneacetic acid, .alpha.-meth... | 180 | C10H12O3 | 056143-21-6 | 78   |
| 5    |    |   | Benzeneacetic acid, .alpha.-meth... | 180 | C10H12O3 | 056143-21-6 | 72   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051505.D  
Acq On : 14 Dec 2021 15:46  
Operator : CG/JU  
Sample : M5013-05  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

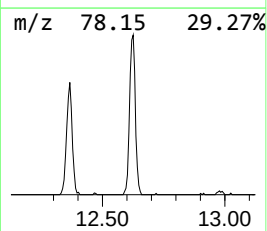
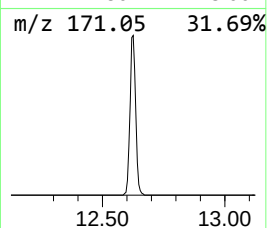
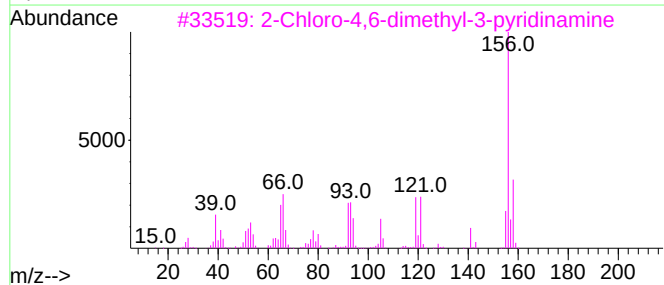
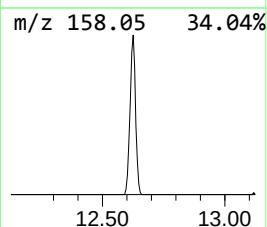
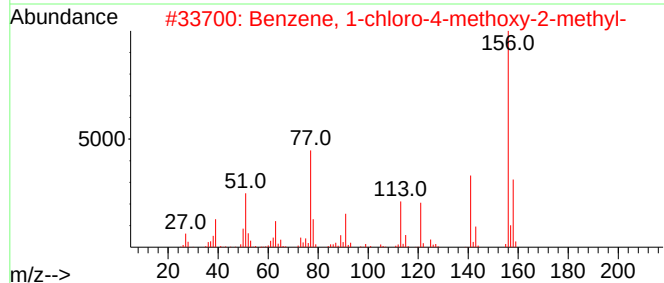
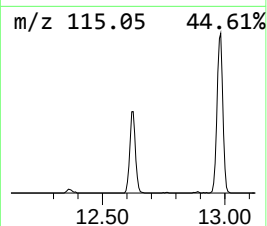
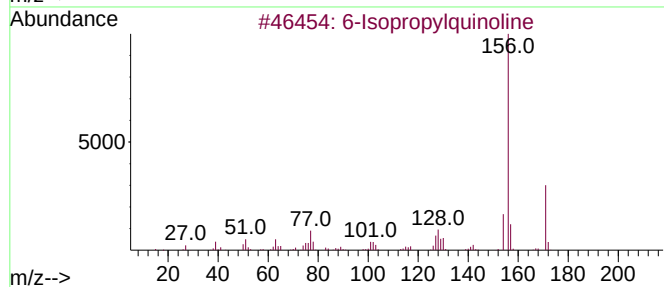
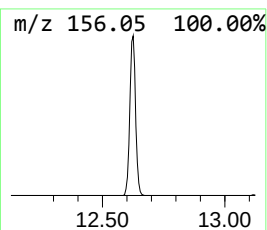
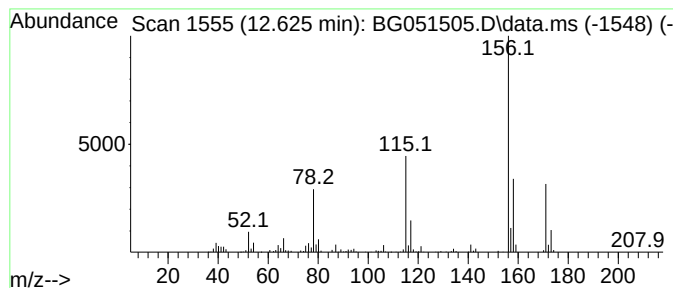
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 unknown-03 Concentration Rank 2

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 12.625 | 29.87 ng/ul | 416437 | Naphthalene-d8   | 11.121 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 6-Isopropylquinoline                | 171 | C12H13N   | 000135-79-5 | 43   |
| 2    |    |   | Benzene, 1-chloro-4-methoxy-2-me... | 156 | C8H9ClO   | 013334-71-9 | 38   |
| 3    |    |   | 2-Chloro-4,6-dimethyl-3-pyridina... | 156 | C7H9ClN2  | 140413-40-7 | 38   |
| 4    |    |   | Chloroxylenol                       | 156 | C8H9ClO   | 000088-04-0 | 32   |
| 5    |    |   | Tebuthiuron                         | 228 | C9H16N4O5 | 034014-18-1 | 25   |



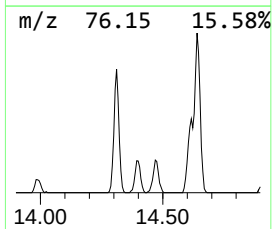
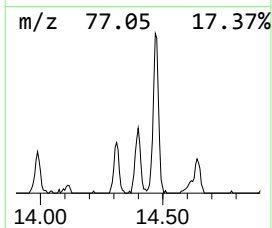
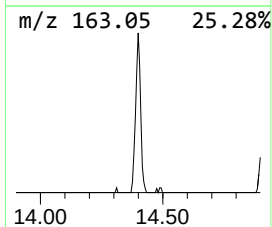
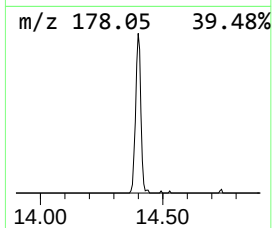
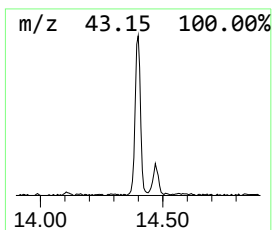
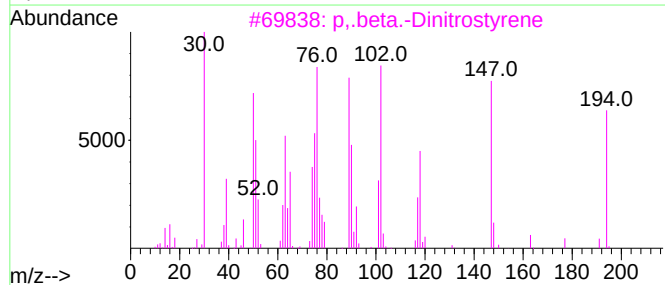
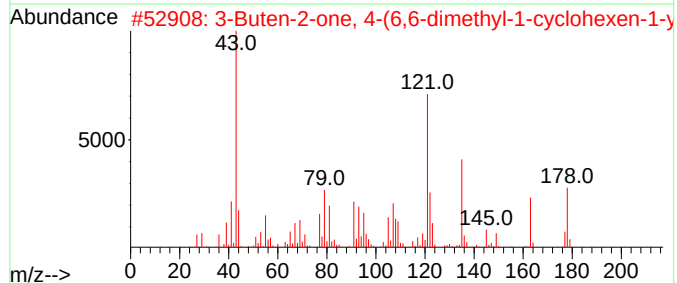
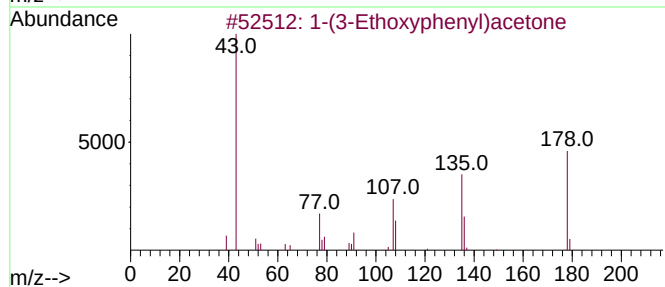
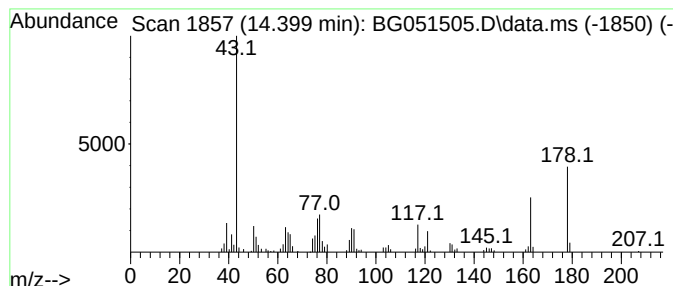
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051505.D  
Acq On : 14 Dec 2021 15:46  
Operator : CG/JU  
Sample : M5013-05  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 unknown-04 Concentration Rank 4

| R.T.      | EstConc                             | Area   | Relative to ISTD |           |              | R.T.   |
|-----------|-------------------------------------|--------|------------------|-----------|--------------|--------|
| 14.399    | 9.81 ng/ul                          | 198026 | Acenaphthene-d10 |           |              | 14.916 |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm   | CAS#         | Qual   |
| 1         | 1-(3-Ethoxyphenyl)acetone           |        | 178              | C11H14O2  | 023037-47-0  | 25     |
| 2         | 3-Buten-2-one, 4-(6,6-dimethyl-1... |        | 178              | C12H18O   | 065133-79-1  | 23     |
| 3         | p,.beta.-Dinitrostyrene             |        | 194              | C8H6N2O4  | 003156-41-0  | 10     |
| 4         | 2,6-Diacetylpyridine                |        | 163              | C9H9NO2   | 001129-30-2  | 9      |
| 5         | 2-Bromophenethyl alcohol, n-prop... |        | 242              | C11H15BrO | 1000394-87-6 | 9      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051505.D  
Acq On : 14 Dec 2021 15:46  
Operator : CG/JU  
Sample : M5013-05  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

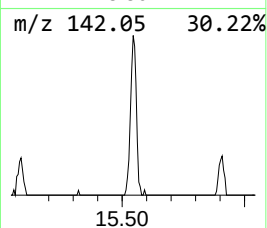
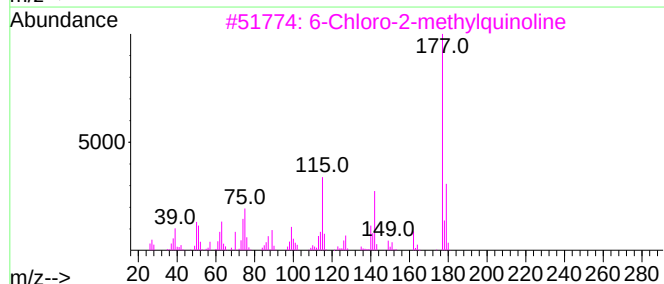
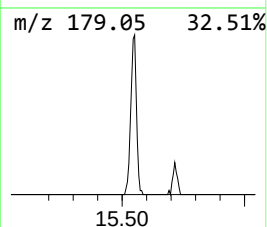
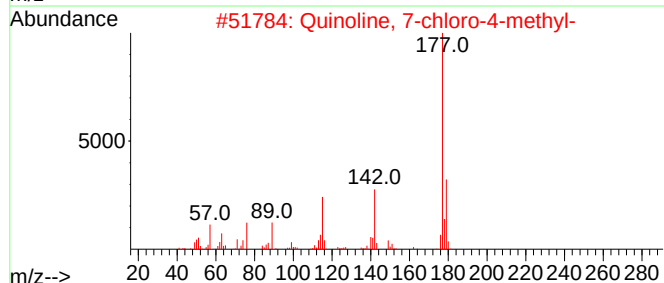
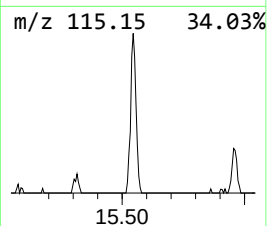
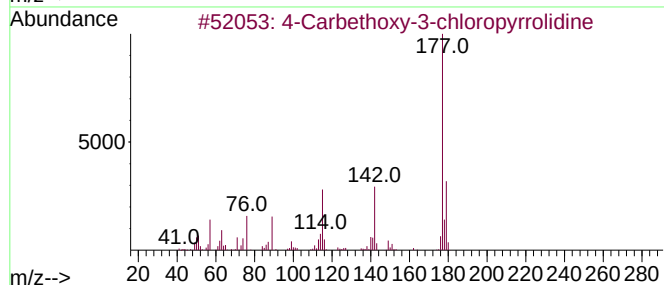
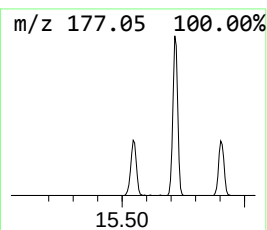
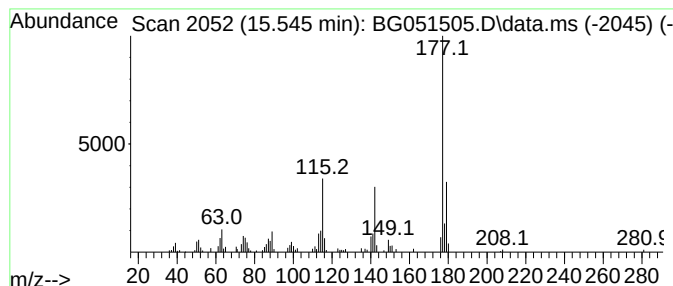
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 4-Carboxy-3-chloropyrrol... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.545 | 6.93 ng/ul | 139952 | Acenaphthene-d10 | 14.916 |

| Hit# | of 5 | Tentative ID                  | MW  | MolForm    | CAS#         | Qual |
|------|------|-------------------------------|-----|------------|--------------|------|
| 1    |      | 4-Carboxy-3-chloropyrrolidine | 177 | C7H12ClNO2 | 1010255-97-9 | 93   |
| 2    |      | Quinoline, 7-chloro-4-methyl- | 177 | C10H8ClN   | 040941-53-5  | 93   |
| 3    |      | 6-Chloro-2-methylquinoline    | 177 | C10H8ClN   | 000092-46-6  | 91   |
| 4    |      | Quinoline, 2-chloro-4-methyl- | 177 | C10H8ClN   | 000634-47-9  | 91   |
| 5    |      | 2-Chloro-3-methylquinoline    | 177 | C10H8ClN   | 057876-69-4  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051505.D  
Acq On : 14 Dec 2021 15:46  
Operator : CG/JU  
Sample : M5013-05  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

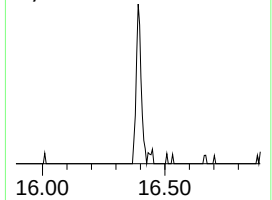
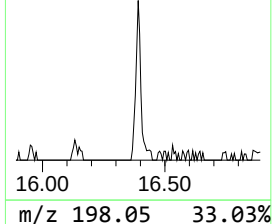
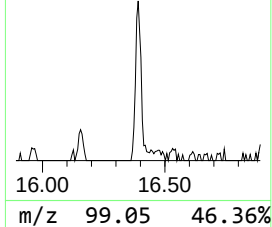
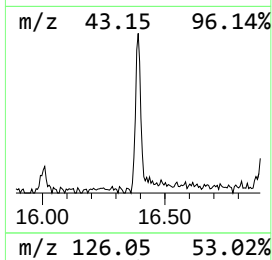
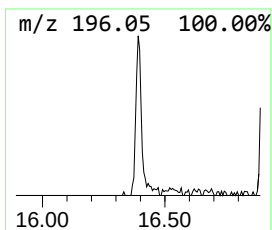
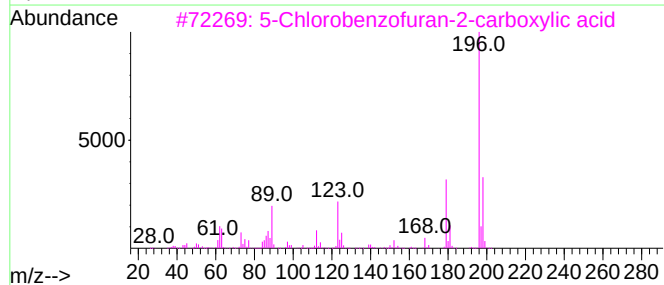
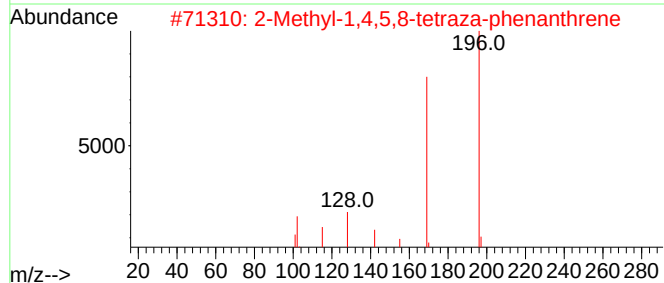
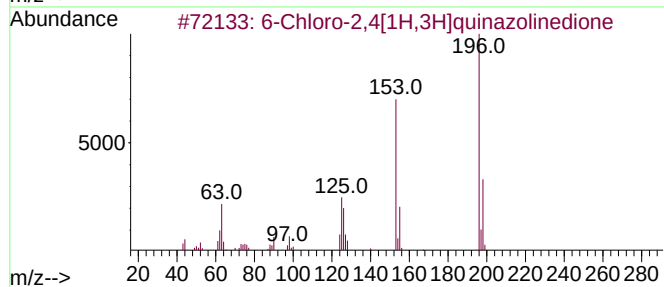
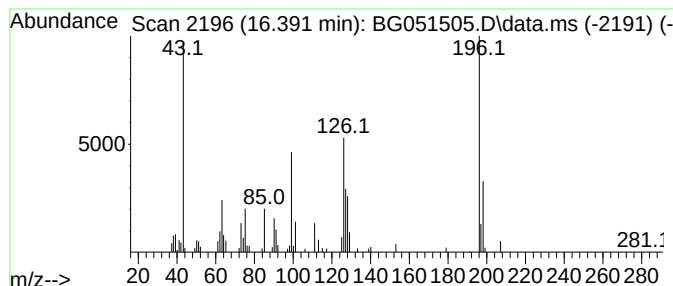
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 unknown-05 Concentration Rank 8

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 16.391 | 3.47 ng/ul | 98749 | Phenanthrene-d10 | 17.665 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 6-Chloro-2,4[1H,3H]quinazolinedione | 196 | C8H5ClN2O2 | 001640-60-4  | 49   |
| 2    |    |   | 2-Methyl-1,4,5,8-tetraza-phenant... | 196 | C11H8N4    | 103538-90-5  | 43   |
| 3    |    |   | 5-Chlorobenzofuran-2-carboxylic ... | 196 | C9H5ClO3   | 1000484-31-1 | 38   |
| 4    |    |   | 4-Amino-2-bromobenzonitrile         | 196 | C7H5BrN2   | 053312-82-6  | 38   |
| 5    |    |   | 2-Chloro-4-methyl-6-(trifluorome... | 196 | C6H4ClF3N2 | 241164-09-0  | 25   |



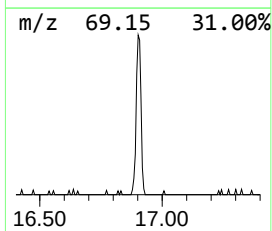
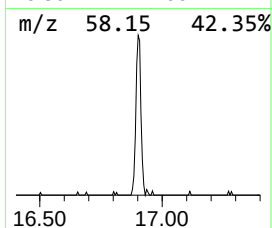
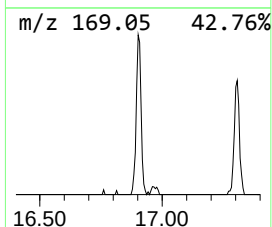
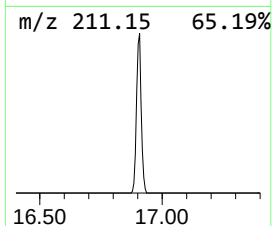
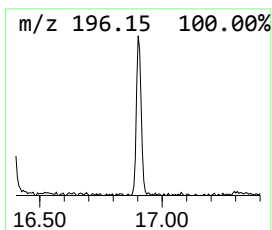
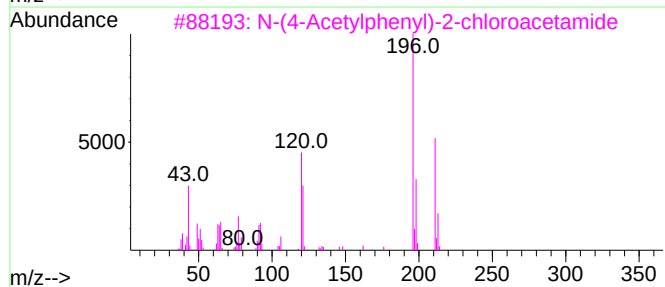
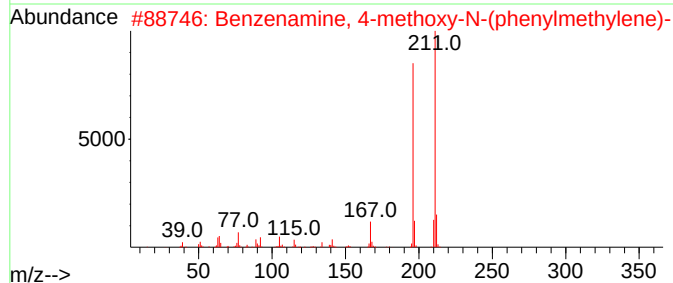
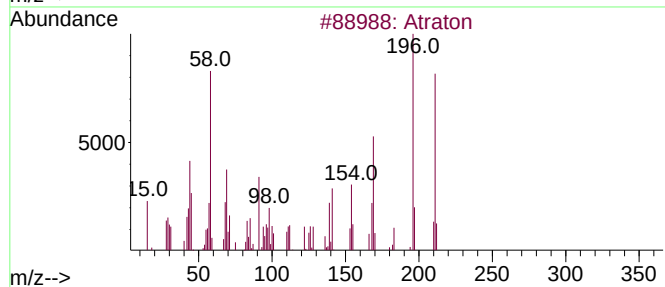
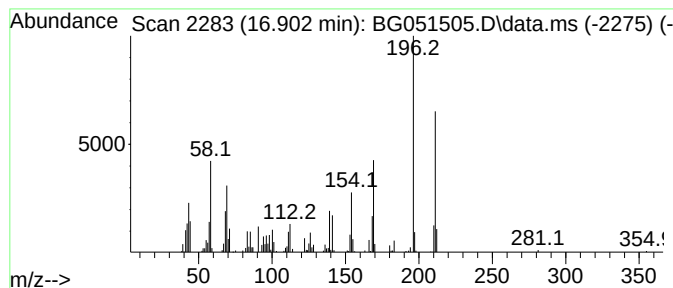
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051505.D  
Acq On : 14 Dec 2021 15:46  
Operator : CG/JU  
Sample : M5013-05  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Atraton Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 16.902    | 8.12 ng/ul                          | 231058 | Phenanthrene-d10 | 17.665      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Atraton                             | 211    | C9H17N5O         | 001610-17-9 | 91   |
| 2         | Benzenamine, 4-methoxy-N-(phenyl... | 211    | C14H13NO         | 000783-08-4 | 46   |
| 3         | N-(4-Acetylphenyl)-2-chloroaceta... | 211    | C10H10ClNO2      | 038283-38-4 | 43   |
| 4         | 2-Acetyl-4-methoxy-6-nitrophenol    | 211    | C9H9NO5          | 090564-25-3 | 38   |
| 5         | Benzenamine, 4-methoxy-N-(phenyl... | 211    | C14H13NO         | 000783-08-4 | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051505.D  
Acq On : 14 Dec 2021 15:46  
Operator : CG/JU  
Sample : M5013-05  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

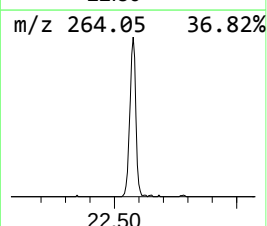
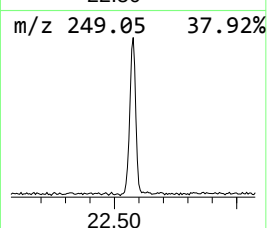
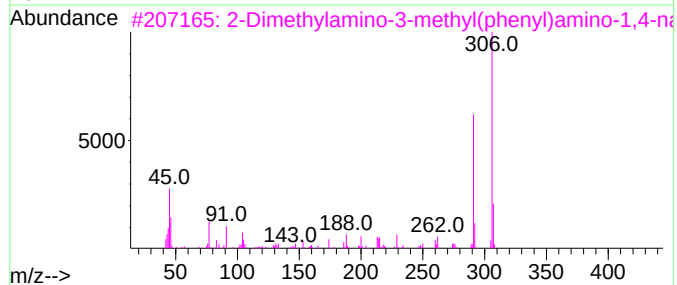
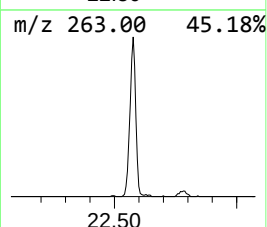
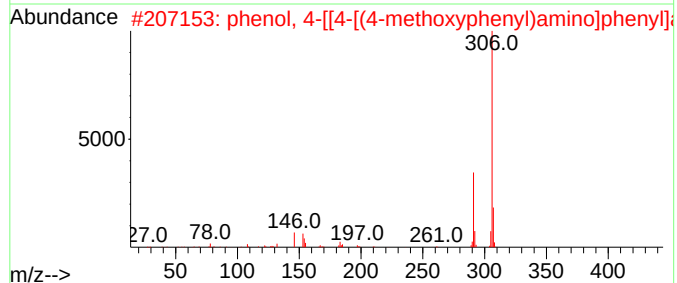
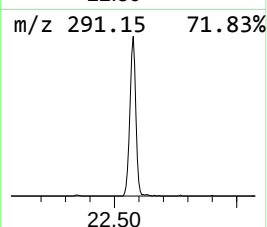
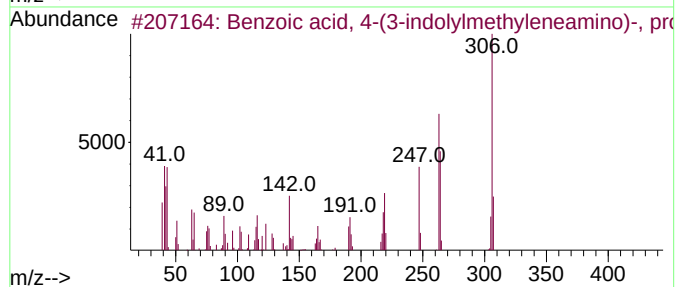
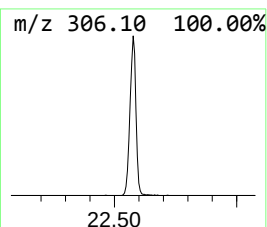
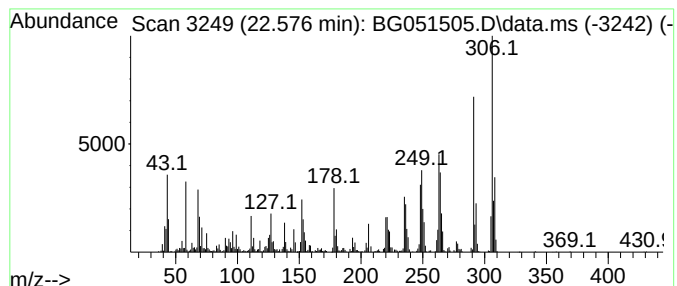
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 unknown-06 Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 22.576 | 14.24 ng/ul | 1449200 | Chrysene-d12     | 21.983 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Benzoic acid, 4-(3-indolylmethyl... | 306 | C19H18N2O2  | 304669-02-1  | 46   |
| 2    |    |   | phenol, 4-[[4-[(4-methoxyphenyl)... | 306 | C19H18N2O2  | 1000397-62-8 | 46   |
| 3    |    |   | 2-Dimethylamino-3-methyl(phenyl)... | 306 | C19H18N2O2  | 134614-10-1  | 45   |
| 4    |    |   | Pyrido[2,3-b]quinolin-5-one, 7-c... | 306 | C18H11ClN2O | 069750-07-8  | 42   |
| 5    |    |   | Dibenzo[def,mno]chrysene-6,12-dione | 306 | C22H10O2    | 000641-13-4  | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
 Data File : BG051505.D  
 Acq On : 14 Dec 2021 15:46  
 Operator : CG/JU  
 Sample : M5013-05  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.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         | 5.335  | 4.2     | ng/ul | 39166    | 1                     | 8.284  | 186830  | 20.0 |
| Benzene, chloro-   | 5.552  | 3.5     | ng/ul | 32218    | 1                     | 8.284  | 186830  | 20.0 |
| unknown-02         | 8.865  | 2.7     | ng/ul | 25196    | 1                     | 8.284  | 186830  | 20.0 |
| Benzaldehyde di... | 9.770  | 39.8    | ng/ul | 555258   | 2                     | 11.121 | 278826  | 20.0 |
| unknown-03         | 12.625 | 29.9    | ng/ul | 416437   | 2                     | 11.121 | 278826  | 20.0 |
| unknown-04         | 14.399 | 9.8     | ng/ul | 198026   | 3                     | 14.916 | 403613  | 20.0 |
| 4-Carbethoxy-3-... | 15.545 | 6.9     | ng/ul | 139952   | 3                     | 14.916 | 403613  | 20.0 |
| unknown-05         | 16.391 | 3.5     | ng/ul | 98749    | 4                     | 17.665 | 569146  | 20.0 |
| Atraton            | 16.902 | 8.1     | ng/ul | 231058   | 4                     | 17.665 | 569146  | 20.0 |
| unknown-06         | 22.576 | 14.2    | ng/ul | 1449200  | 5                     | 21.983 | 2035350 | 20.0 |