

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
 Data File : BG050067.D  
 Acq On : 31 Aug 2021 16:24  
 Operator : CG/JU  
 Sample : M3494-01  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YAS53

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-BG081921.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG050067.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         | 5.438       | 399           | 408         | 416          | rBV      | 440062         | 757444        | 0.78%           | 0.381%        |
| 2         | 5.590       | 424           | 434         | 442          | rBV      | 129440         | 265142        | 0.27%           | 0.133%        |
| 3         | 5.949       | 486           | 495         | 504          | rBV      | 386319         | 651342        | 0.67%           | 0.328%        |
| 4         | 6.430       | 569           | 577         | 587          | rVB      | 105664         | 176744        | 0.18%           | 0.089%        |
| 5         | 7.094       | 684           | 690         | 695          | rVV      | 211054         | 357738        | 0.37%           | 0.180%        |
| 6         | 7.177       | 699           | 704         | 711          | rVB      | 148383         | 266347        | 0.28%           | 0.134%        |
| 7         | 7.288       | 715           | 723         | 727          | rBV      | 92688          | 165168        | 0.17%           | 0.083%        |
| 8         | 7.341       | 727           | 732         | 738          | rVB2     | 131397         | 213516        | 0.22%           | 0.107%        |
| 9         | 7.500       | 752           | 759         | 765          | rBV      | 100512         | 188282        | 0.19%           | 0.095%        |
| 10        | 7.605       | 770           | 777         | 785          | rVV      | 464625         | 807854        | 0.84%           | 0.406%        |
| 11        | 7.682       | 785           | 790         | 798          | rVB      | 69293          | 119687        | 0.12%           | 0.060%        |
| 12        | 7.964       | 831           | 838         | 849          | rVV2     | 93364          | 200363        | 0.21%           | 0.101%        |
| 13        | 8.075       | 849           | 857         | 865          | rVV      | 457285         | 871641        | 0.90%           | 0.438%        |
| 14        | 8.146       | 865           | 869         | 879          | rVB      | 61018          | 118041        | 0.12%           | 0.059%        |
| 15        | 8.363       | 892           | 906         | 912          | rBV      | 7674044        | 16639019      | 17.21%          | 8.368%        |
| 16        | 8.504       | 925           | 930         | 938          | rVB      | 238928         | 400800        | 0.41%           | 0.202%        |
| 17        | 8.604       | 941           | 947         | 952          | rBV2     | 81235          | 137799        | 0.14%           | 0.069%        |
| 18        | 8.692       | 952           | 962         | 971          | rVB      | 95989          | 193254        | 0.20%           | 0.097%        |
| 19        | 9.074       | 1015          | 1027        | 1033         | rBV      | 240521         | 423143        | 0.44%           | 0.213%        |
| 20        | 9.150       | 1033          | 1040        | 1047         | rVV3     | 481072         | 902398        | 0.93%           | 0.454%        |
| 21        | 9.332       | 1062          | 1071        | 1078         | rVB      | 578667         | 1049111       | 1.09%           | 0.528%        |
| 22        | 9.462       | 1078          | 1093        | 1098         | rBV      | 1332944        | 3094890       | 3.20%           | 1.557%        |
| 23        | 9.520       | 1098          | 1103        | 1111         | rVV      | 474114         | 828287        | 0.86%           | 0.417%        |
| 24        | 9.603       | 1111          | 1117        | 1122         | rVV      | 133477         | 230957        | 0.24%           | 0.116%        |
| 25        | 9.661       | 1122          | 1127        | 1136         | rVB      | 150659         | 257716        | 0.27%           | 0.130%        |
| 26        | 9.873       | 1157          | 1163        | 1174         | rVB3     | 101448         | 257287        | 0.27%           | 0.129%        |
| 27        | 10.026      | 1182          | 1189        | 1198         | rVV      | 585882         | 1057543       | 1.09%           | 0.532%        |
| 28        | 10.184      | 1207          | 1216        | 1227         | rBV3     | 951318         | 2840155       | 2.94%           | 1.428%        |
| 29        | 10.290      | 1227          | 1234        | 1250         | rVB      | 389366         | 1259991       | 1.30%           | 0.634%        |
| 30        | 10.431      | 1250          | 1258        | 1275         | rVB7     | 112196         | 450089        | 0.47%           | 0.226%        |
| 31        | 10.971      | 1312          | 1350        | 1353         | rBV      | 17712677       | 96679523      | 100.00%         | 48.624%       |
| 32        | 11.030      | 1353          | 1360        | 1367         | rVV      | 4688332        | 7620714       | 7.88%           | 3.833%        |
| 33        | 11.095      | 1367          | 1371        | 1377         | rVB2     | 82165          | 142543        | 0.15%           | 0.072%        |
| 34        | 11.212      | 1385          | 1391        | 1397         | rVB      | 182873         | 366055        | 0.38%           | 0.184%        |
| 35        | 11.447      | 1424          | 1431        | 1439         | rVB2     | 78072          | 140465        | 0.15%           | 0.071%        |
| 36        | 11.706      | 1469          | 1475        | 1485         | rBV2     | 65859          | 135122        | 0.14%           | 0.068%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
 Data File : BG050067.D  
 Acq On : 31 Aug 2021 16:24  
 Operator : CG/JU  
 Sample : M3494-01  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YAS53

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-BG081921.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |        |        |
|----|--------|------|------|------|------|---------|----------|--------|--------|
| 37 | 11.900 | 1499 | 1508 | 1512 | rBV3 | 93841   | 185845   | 0.19%  | 0.093% |
| 38 | 12.170 | 1549 | 1554 | 1564 | rVB3 | 46186   | 97464    | 0.10%  | 0.049% |
| 39 | 12.346 | 1578 | 1584 | 1594 | rVV  | 221802  | 408376   | 0.42%  | 0.205% |
| 40 | 12.481 | 1594 | 1607 | 1612 | rVV  | 6708305 | 14532538 | 15.03% | 7.309% |
| 41 | 12.575 | 1616 | 1623 | 1629 | rVV  | 251169  | 473531   | 0.49%  | 0.238% |
| 42 | 12.687 | 1629 | 1642 | 1648 | rVV  | 4036936 | 7502799  | 7.76%  | 3.773% |
| 43 | 13.163 | 1717 | 1723 | 1728 | rBV  | 62777   | 97151    | 0.10%  | 0.049% |
| 44 | 13.456 | 1766 | 1773 | 1782 | rVV  | 1077672 | 1651281  | 1.71%  | 0.830% |
| 45 | 13.650 | 1800 | 1806 | 1816 | rVB  | 271012  | 548157   | 0.57%  | 0.276% |
| 46 | 13.803 | 1818 | 1832 | 1839 | rBV3 | 310732  | 860170   | 0.89%  | 0.433% |
| 47 | 13.944 | 1849 | 1856 | 1861 | rVV  | 438921  | 852812   | 0.88%  | 0.429% |
| 48 | 14.003 | 1861 | 1866 | 1868 | rVV  | 353549  | 620753   | 0.64%  | 0.312% |
| 49 | 14.026 | 1868 | 1870 | 1882 | rVB  | 349386  | 416710   | 0.43%  | 0.210% |
| 50 | 14.185 | 1890 | 1897 | 1900 | rBV  | 181159  | 307877   | 0.32%  | 0.155% |
| 51 | 14.214 | 1900 | 1902 | 1908 | rVB  | 87728   | 99952    | 0.10%  | 0.050% |
| 52 | 14.320 | 1913 | 1920 | 1930 | rVB2 | 368730  | 826366   | 0.85%  | 0.416% |
| 53 | 14.596 | 1957 | 1967 | 1969 | rVV2 | 133848  | 236987   | 0.25%  | 0.119% |
| 54 | 14.625 | 1969 | 1972 | 1977 | rVV  | 196300  | 326093   | 0.34%  | 0.164% |
| 55 | 14.702 | 1977 | 1985 | 1990 | rVV  | 3728088 | 6135278  | 6.35%  | 3.086% |
| 56 | 14.766 | 1990 | 1996 | 2001 | rVV  | 522692  | 842257   | 0.87%  | 0.424% |
| 57 | 14.819 | 2001 | 2005 | 2009 | rVV2 | 85786   | 149854   | 0.16%  | 0.075% |
| 58 | 14.937 | 2020 | 2025 | 2029 | rVV  | 84404   | 149643   | 0.15%  | 0.075% |
| 59 | 15.031 | 2033 | 2041 | 2049 | rVV  | 1840272 | 2971359  | 3.07%  | 1.494% |
| 60 | 15.618 | 2136 | 2141 | 2146 | rVV  | 446744  | 732145   | 0.76%  | 0.368% |
| 61 | 15.683 | 2146 | 2152 | 2158 | rVB  | 1696838 | 2579267  | 2.67%  | 1.297% |
| 62 | 15.759 | 2159 | 2165 | 2169 | rBV3 | 149421  | 268898   | 0.28%  | 0.135% |
| 63 | 15.800 | 2169 | 2172 | 2175 | rVV2 | 117845  | 197347   | 0.20%  | 0.099% |
| 64 | 15.835 | 2175 | 2178 | 2183 | rVV3 | 144213  | 236536   | 0.24%  | 0.119% |
| 65 | 15.924 | 2190 | 2193 | 2197 | rVV  | 77107   | 119226   | 0.12%  | 0.060% |
| 66 | 15.971 | 2197 | 2201 | 2205 | rVB  | 86998   | 127684   | 0.13%  | 0.064% |
| 67 | 16.111 | 2220 | 2225 | 2233 | rVV3 | 100671  | 237826   | 0.25%  | 0.120% |
| 68 | 16.188 | 2233 | 2238 | 2245 | rVB2 | 51373   | 99685    | 0.10%  | 0.050% |
| 69 | 16.464 | 2279 | 2285 | 2291 | rBV  | 105506  | 163736   | 0.17%  | 0.082% |
| 70 | 16.681 | 2318 | 2322 | 2326 | rVV3 | 57702   | 99370    | 0.10%  | 0.050% |
| 71 | 16.734 | 2326 | 2331 | 2337 | rVB3 | 58547   | 111526   | 0.12%  | 0.056% |
| 72 | 16.834 | 2343 | 2348 | 2363 | rVB5 | 30451   | 110647   | 0.11%  | 0.056% |
| 73 | 17.192 | 2405 | 2409 | 2416 | rVV  | 128270  | 211723   | 0.22%  | 0.106% |
| 74 | 17.380 | 2436 | 2441 | 2444 | rVV  | 253552  | 444212   | 0.46%  | 0.223% |
| 75 | 17.427 | 2444 | 2449 | 2454 | rVV  | 1345204 | 2132318  | 2.21%  | 1.072% |
| 76 | 17.480 | 2454 | 2458 | 2462 | rVV2 | 564750  | 891588   | 0.92%  | 0.448% |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
 Data File : BG050067.D  
 Acq On : 31 Aug 2021 16:24  
 Operator : CG/JU  
 Sample : M3494-01  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YAS53

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-BG081921.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |       |        |
|----|--------|------|------|------|------|---------|---------|-------|--------|
| 77 | 17.515 | 2462 | 2464 | 2469 | rVV2 | 147268  | 182701  | 0.19% | 0.092% |
| 78 | 17.574 | 2469 | 2474 | 2483 | rVB  | 226660  | 364247  | 0.38% | 0.183% |
| 79 | 17.797 | 2500 | 2512 | 2518 | rVV  | 2466571 | 4258099 | 4.40% | 2.142% |
| 80 | 17.897 | 2518 | 2529 | 2534 | rVV3 | 148389  | 314566  | 0.33% | 0.158% |
| 81 | 17.944 | 2534 | 2537 | 2544 | rVB  | 78526   | 110739  | 0.11% | 0.056% |
| 82 | 18.032 | 2544 | 2552 | 2557 | rBV2 | 69754   | 139322  | 0.14% | 0.070% |
| 83 | 18.220 | 2579 | 2584 | 2593 | rVB2 | 79030   | 140108  | 0.14% | 0.070% |
| 84 | 18.303 | 2593 | 2598 | 2607 | rBV  | 362989  | 557481  | 0.58% | 0.280% |
| 85 | 18.450 | 2618 | 2623 | 2629 | rVB4 | 61048   | 116460  | 0.12% | 0.059% |
| 86 | 18.561 | 2634 | 2642 | 2646 | rBV2 | 144000  | 313633  | 0.32% | 0.158% |
| 87 | 18.602 | 2646 | 2649 | 2653 | rVV  | 131122  | 182754  | 0.19% | 0.092% |
| 88 | 18.696 | 2659 | 2665 | 2671 | rVV2 | 127312  | 218118  | 0.23% | 0.110% |
| 89 | 19.771 | 2842 | 2848 | 2853 | rBV  | 593074  | 883735  | 0.91% | 0.444% |
| 90 | 20.171 | 2911 | 2916 | 2923 | rBV  | 94166   | 149007  | 0.15% | 0.075% |
| 91 | 21.651 | 3162 | 3168 | 3178 | rVB  | 232642  | 381368  | 0.39% | 0.192% |
| 92 | 24.659 | 3671 | 3680 | 3692 | rVB2 | 286785  | 791905  | 0.82% | 0.398% |
| 93 | 24.882 | 3706 | 3718 | 3728 | rBV2 | 141459  | 404507  | 0.42% | 0.203% |

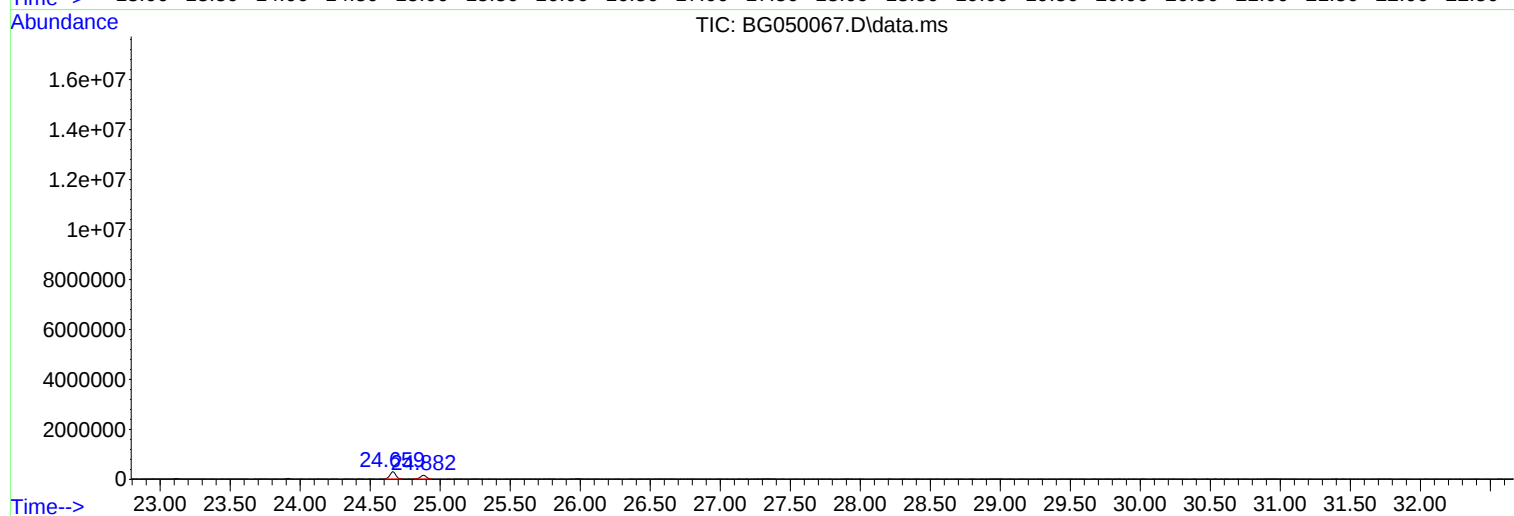
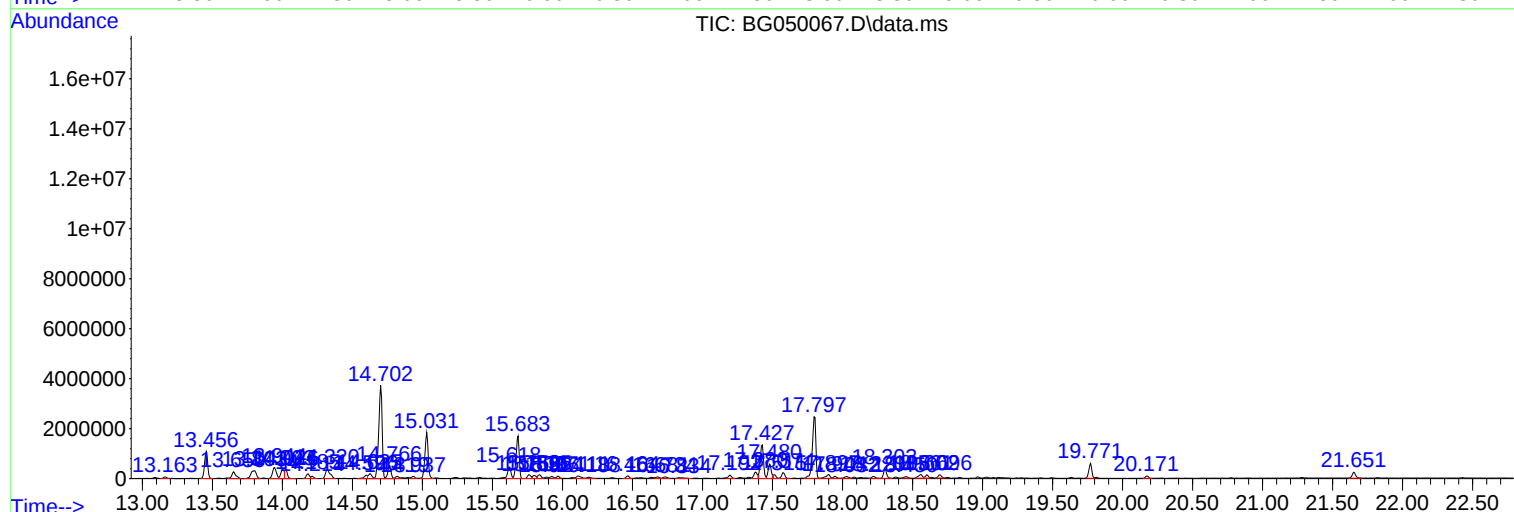
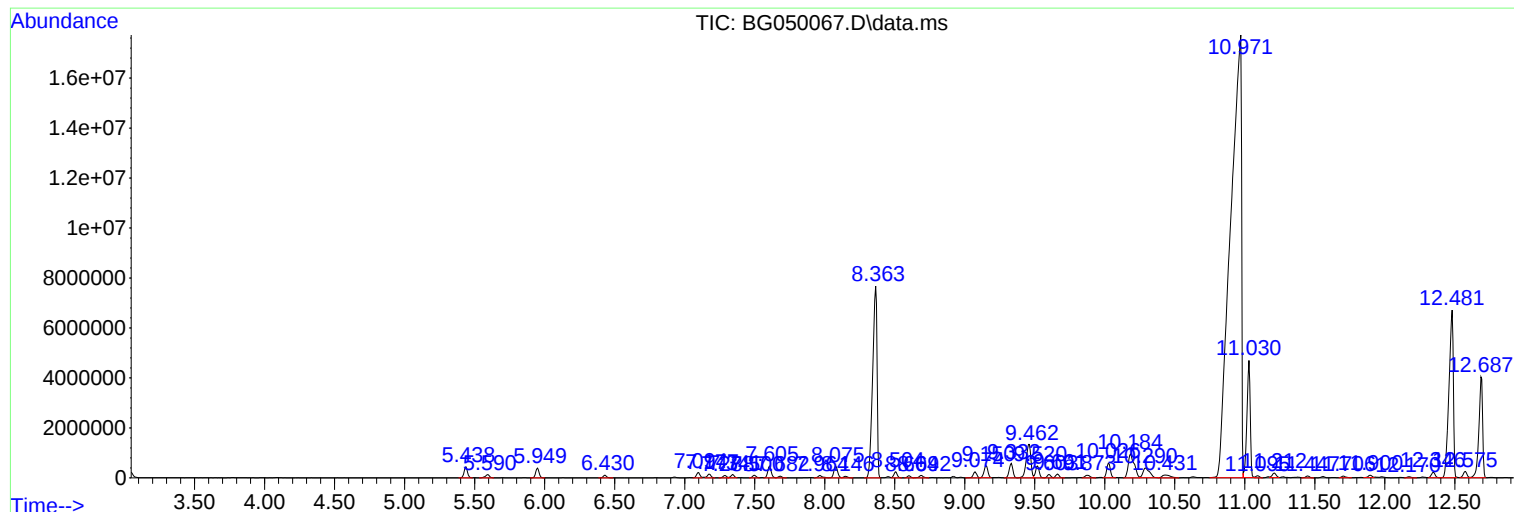
Sum of corrected areas: 198831907

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

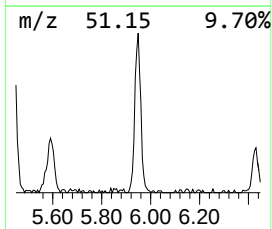
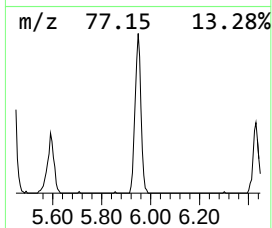
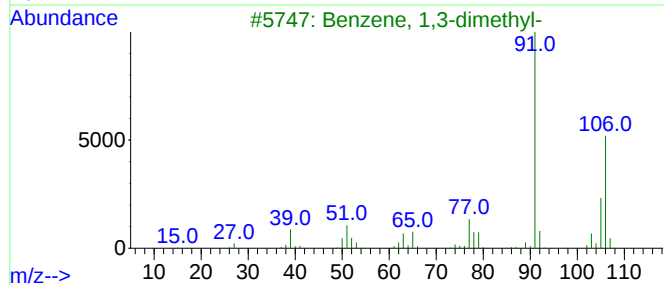
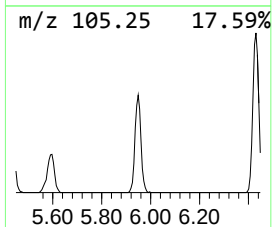
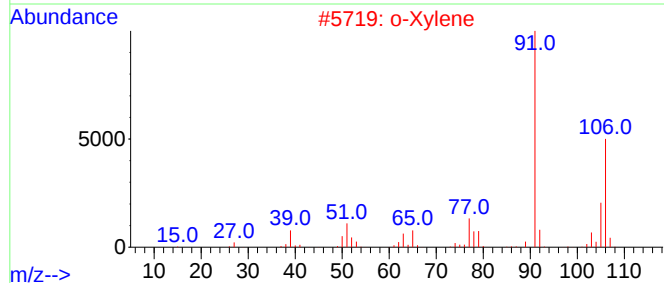
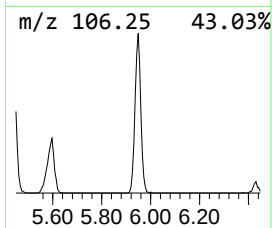
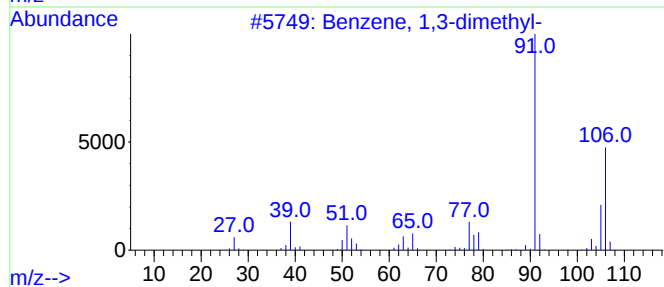
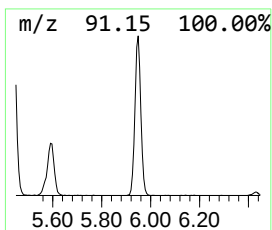
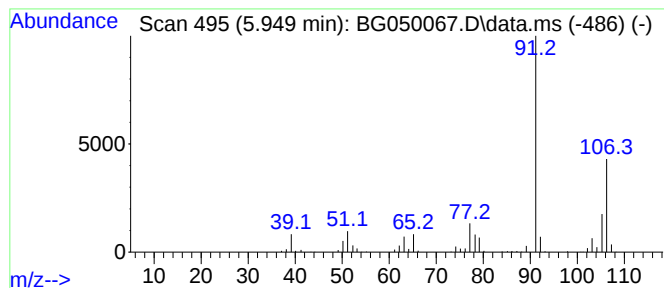
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 6

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 5.949 | 65.02 ng/ul | 651342 | 1,4-Dichlorobenzene-d4 | 7.964 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 97   |
| 2    |    |   | o-Xylene               | 106 | C8H10   | 000095-47-6 | 97   |
| 3    |    |   | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 97   |
| 4    |    |   | o-Xylene               | 106 | C8H10   | 000095-47-6 | 95   |
| 5    |    |   | o-Xylene               | 106 | C8H10   | 000095-47-6 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

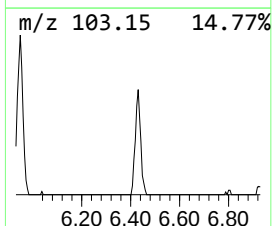
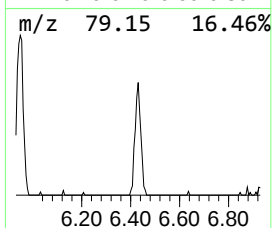
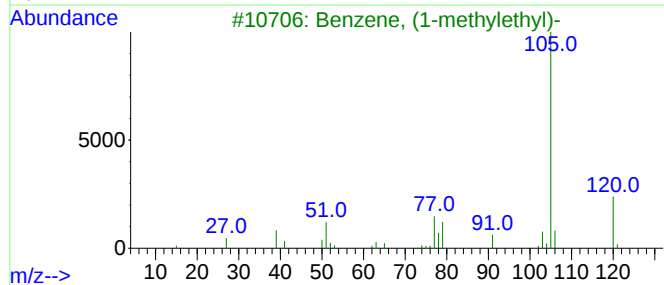
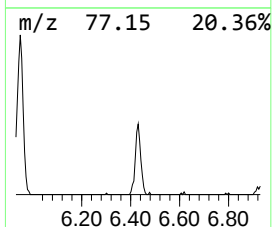
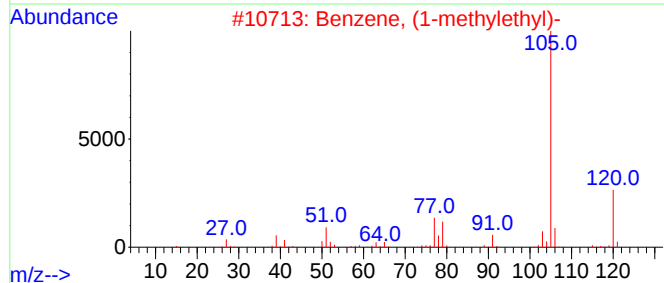
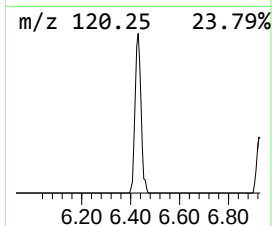
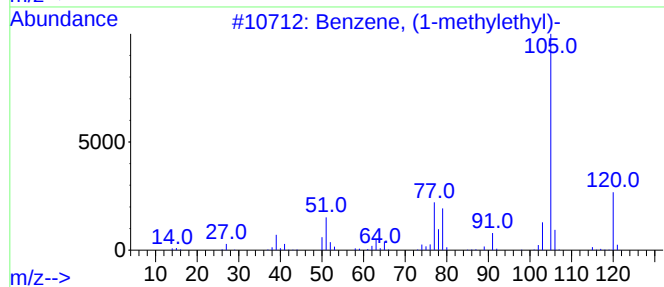
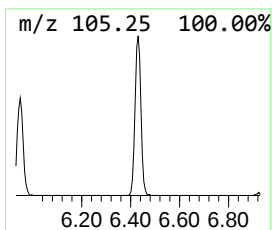
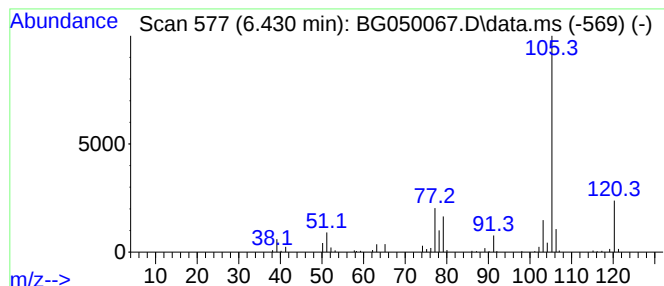
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 17

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 6.430 | 17.64 ng/ul | 176744 | 1,4-Dichlorobenzene-d4 | 7.964 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (1-methylethyl)- | 120 | C9H12   | 000098-82-8 | 87   |
| 2    |    |   | Benzene, (1-methylethyl)- | 120 | C9H12   | 000098-82-8 | 87   |
| 3    |    |   | Benzene, (1-methylethyl)- | 120 | C9H12   | 000098-82-8 | 87   |
| 4    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 80   |
| 5    |    |   | Benzene, (1-methylethyl)- | 120 | C9H12   | 000098-82-8 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

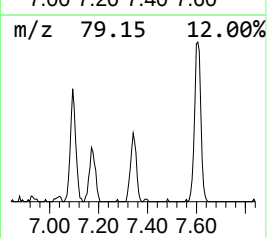
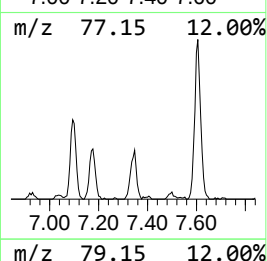
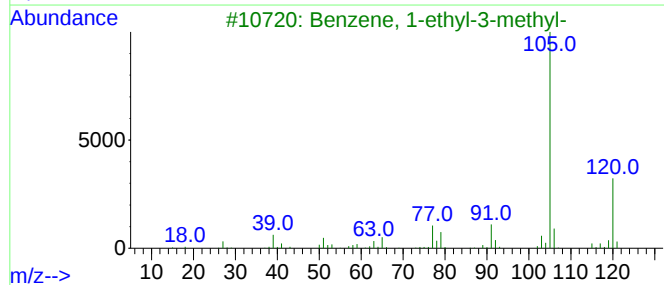
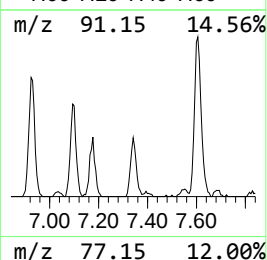
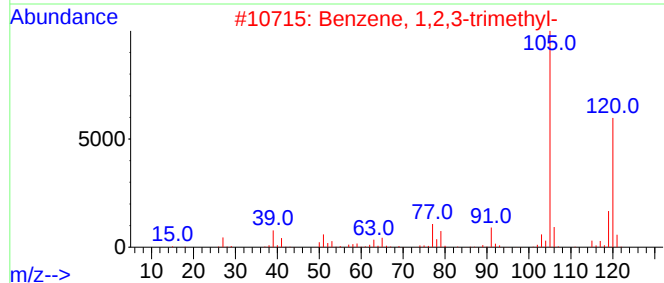
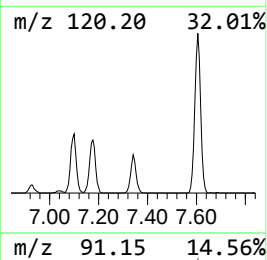
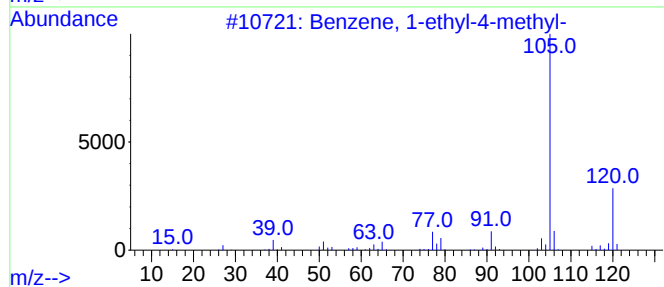
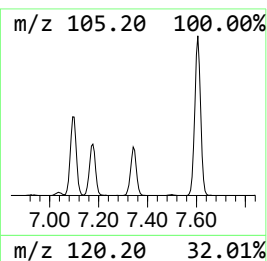
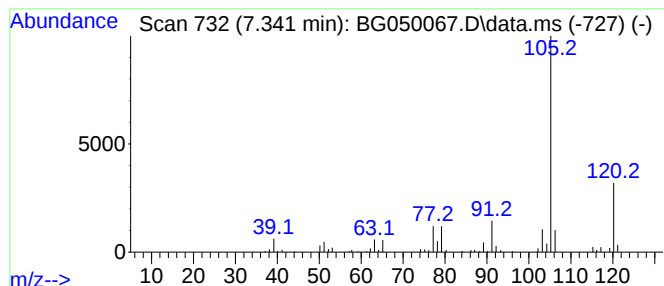
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 15

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.341 | 21.31 ng/ul | 213516 | 1,4-Dichlorobenzene-d4 | 7.964 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 2    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 3    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 4    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 91   |
| 5    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

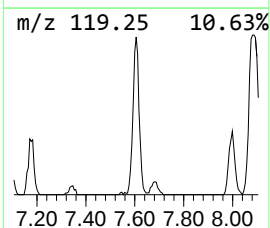
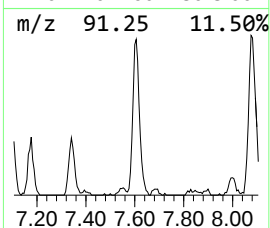
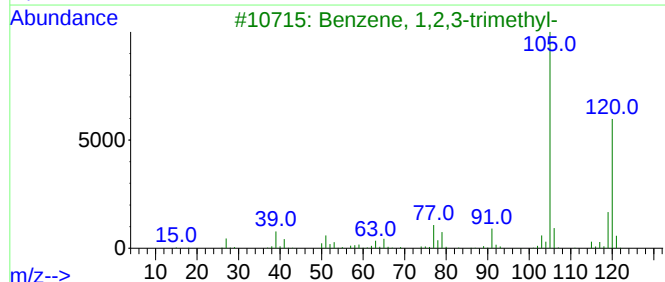
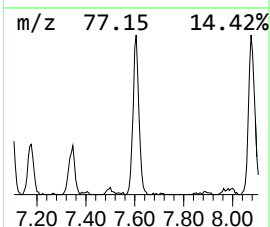
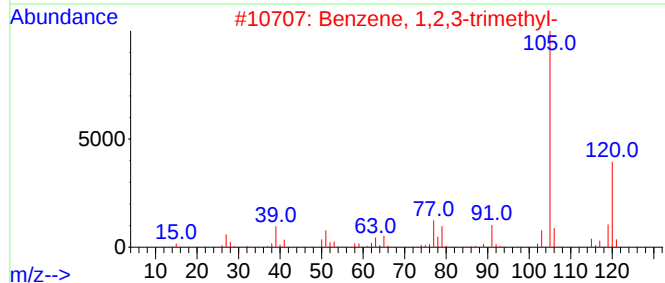
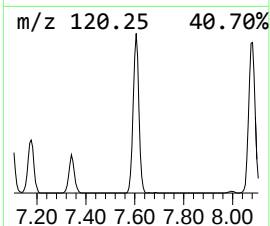
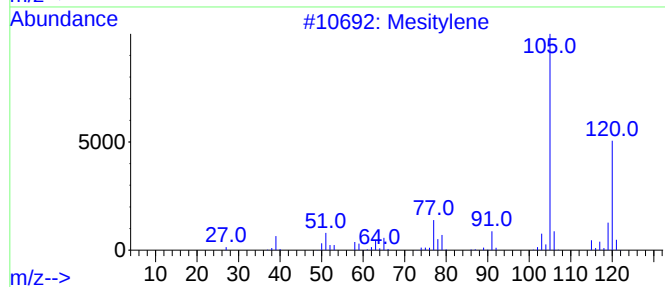
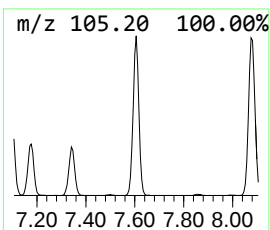
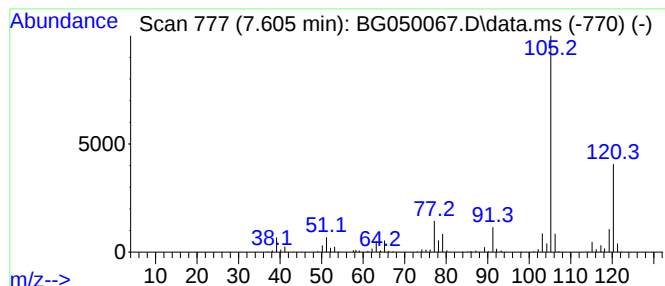
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 Mesitylene Concentration Rank 4

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.605 | 80.64 ng/ul | 807854 | 1,4-Dichlorobenzene-d4 | 7.964 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 95   |
| 2    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 95   |
| 3    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 94   |
| 4    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 91   |
| 5    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

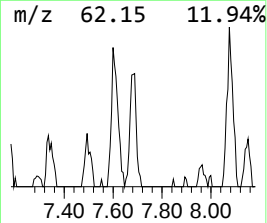
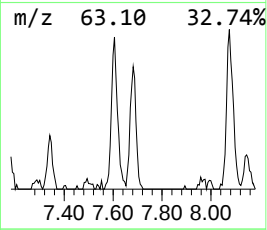
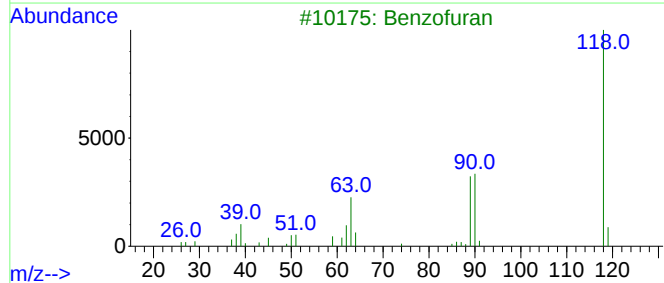
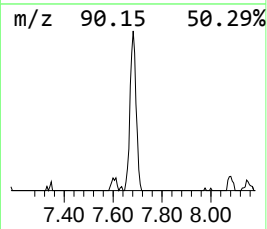
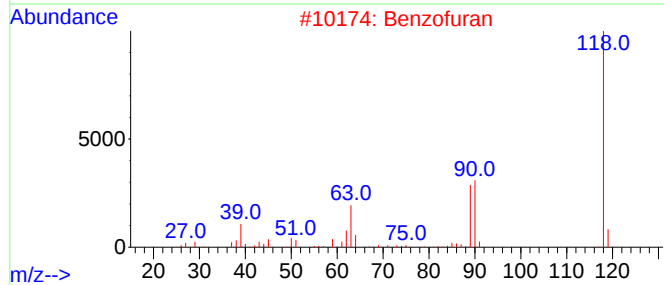
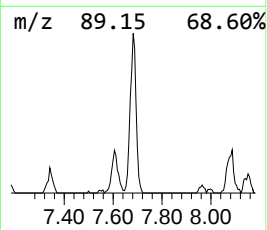
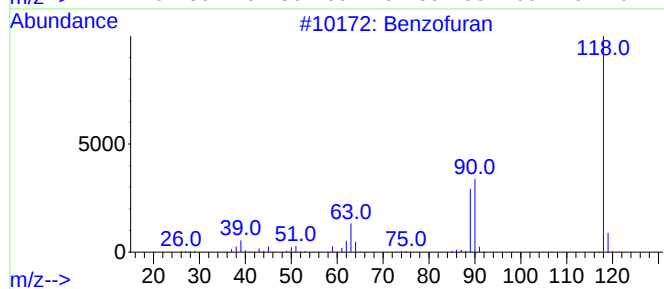
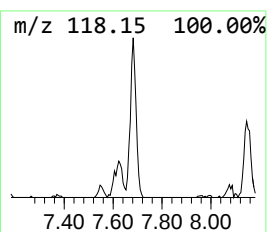
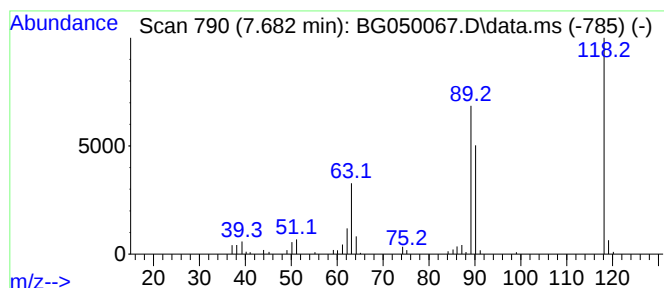
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 7 Benzofuran Concentration Rank 23

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 7.682 | 11.95 ng/ul | 119687 | 1,4-Dichlorobenzene-d4 | 7.964 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzofuran                 | 118 | C8H6O   | 000271-89-6 | 91   |
| 2    |    |   | Benzofuran                 | 118 | C8H6O   | 000271-89-6 | 91   |
| 3    |    |   | Benzofuran                 | 118 | C8H6O   | 000271-89-6 | 87   |
| 4    |    |   | Benzocyclobuten-1(2H)-one  | 118 | C8H6O   | 003469-06-5 | 59   |
| 5    |    |   | 2H-Cyclopenta[d]pyridazine | 118 | C7H6N2  | 000270-64-4 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

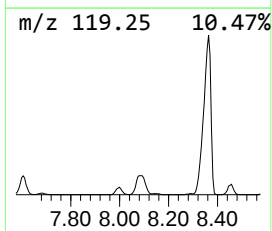
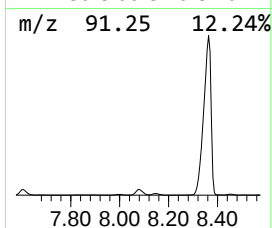
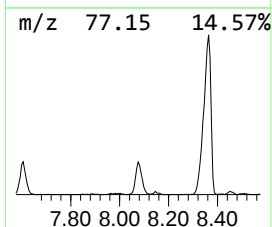
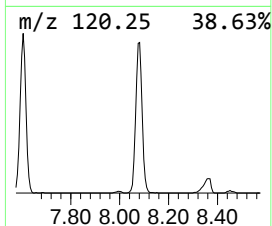
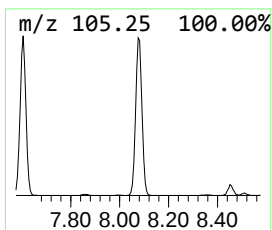
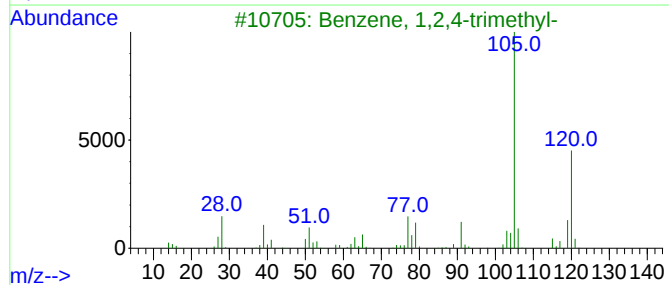
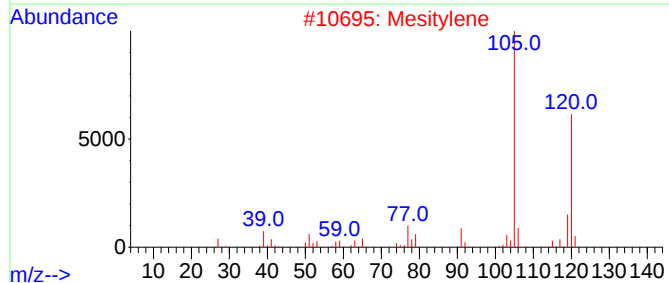
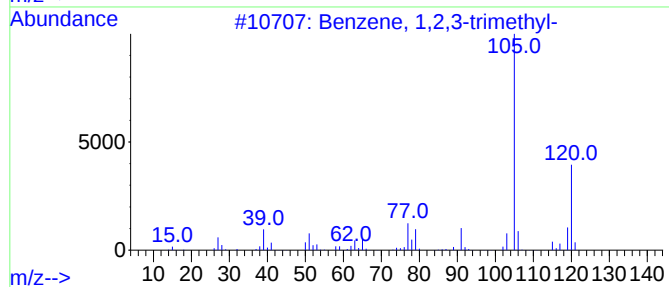
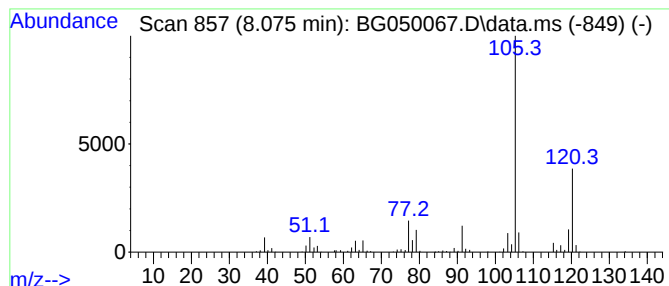
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 3

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.075 | 87.01 ng/ul | 871641 | 1,4-Dichlorobenzene-d4 | 7.964 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 95   |
| 2    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 94   |
| 3    |    |   | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 94   |
| 4    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 94   |
| 5    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

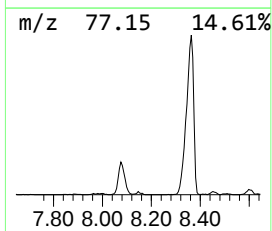
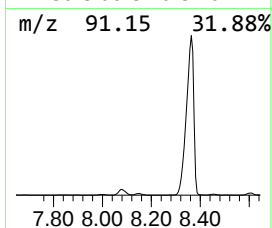
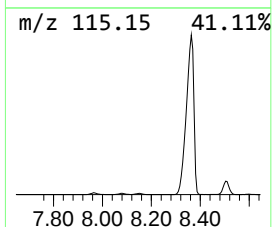
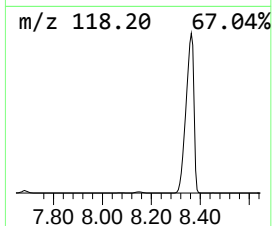
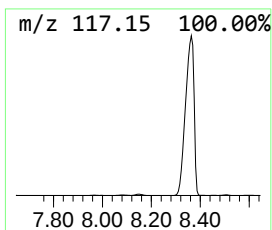
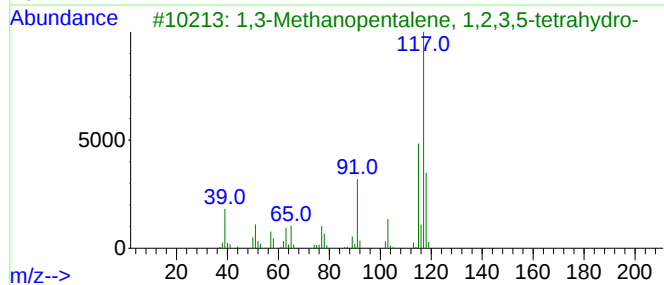
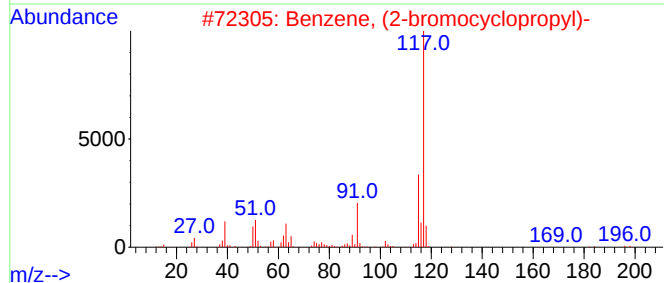
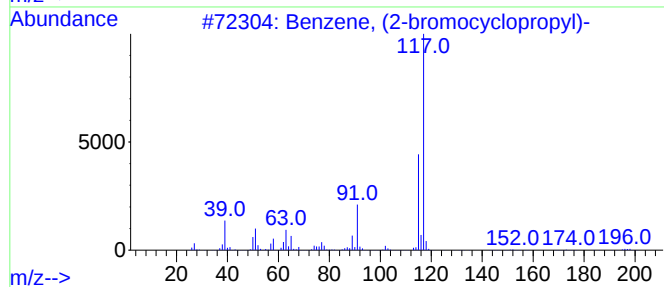
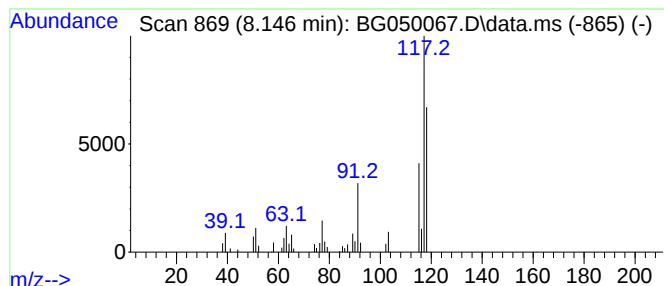
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Benzene, (2-bromocyclopropyl)- Concentration Rank 24

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.146 | 11.78 ng/ul | 118041 | 1,4-Dichlorobenzene-d4 | 7.964 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (2-bromocyclopropyl)-      | 196 | C9H9Br  | 036617-02-4 | 59   |
| 2    |    |   | Benzene, (2-bromocyclopropyl)-      | 196 | C9H9Br  | 036617-02-4 | 59   |
| 3    |    |   | 1,3-Methanopentalene, 1,2,3,5-te... | 118 | C9H10   | 128600-88-4 | 50   |
| 4    |    |   | Deltacyclene                        | 118 | C9H10   | 007785-10-6 | 50   |
| 5    |    |   | trans-Cinnamyl bromide              | 196 | C9H9Br  | 026146-77-0 | 42   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

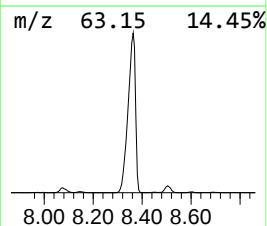
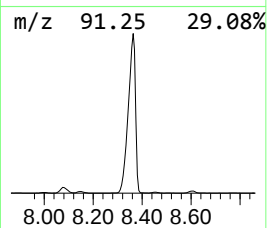
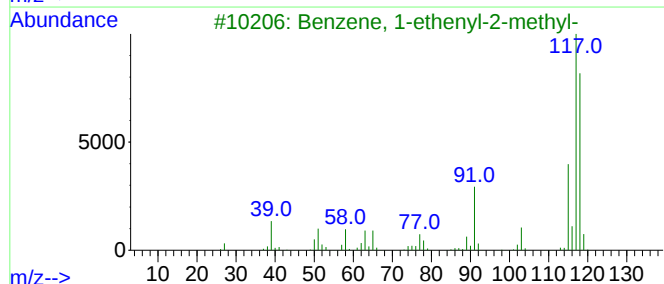
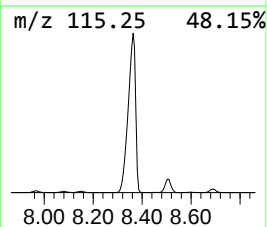
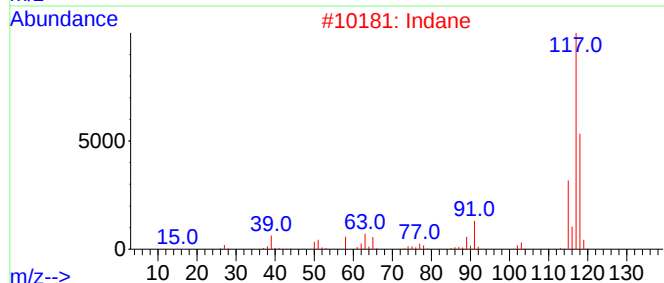
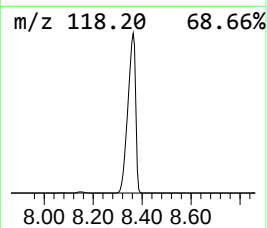
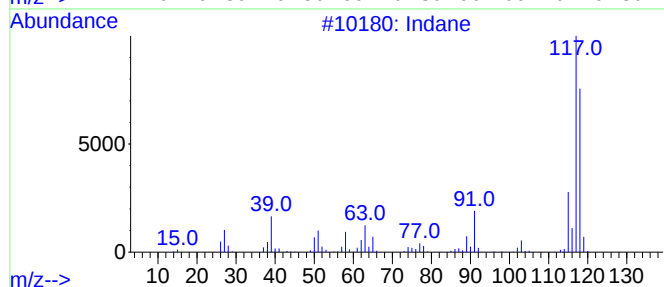
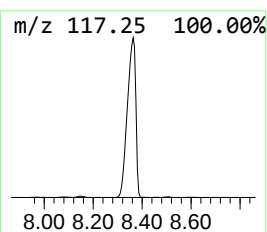
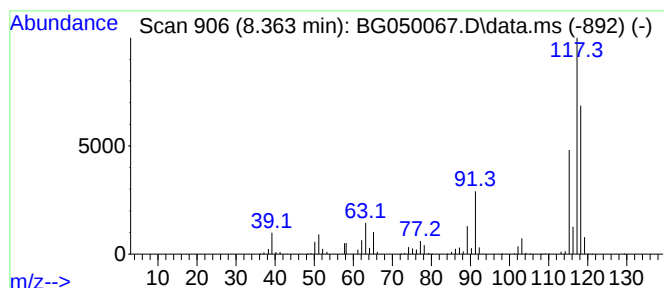
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 Indane Concentration Rank 1

| R.T.  | EstConc       | Area     | Relative to ISTD       | R.T.  |
|-------|---------------|----------|------------------------|-------|
| 8.363 | 1660.89 ng/ul | 16639000 | 1,4-Dichlorobenzene-d4 | 7.964 |

| Hit# | of                           | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Indane                       |   |              | 118 | C9H10   | 000496-11-7 | 95   |
| 2    | Indane                       |   |              | 118 | C9H10   | 000496-11-7 | 94   |
| 3    | Benzene, 1-ethenyl-2-methyl- |   |              | 118 | C9H10   | 000611-15-4 | 94   |
| 4    | Benzene, 1-ethenyl-4-methyl- |   |              | 118 | C9H10   | 000622-97-9 | 93   |
| 5    | Indane                       |   |              | 118 | C9H10   | 000496-11-7 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

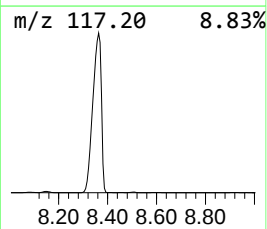
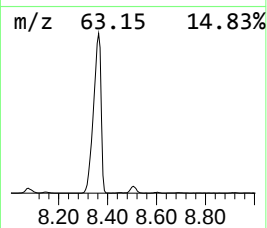
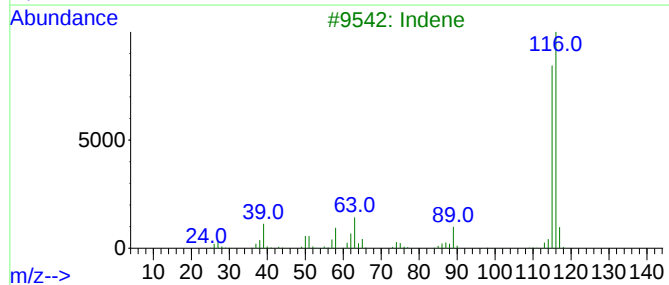
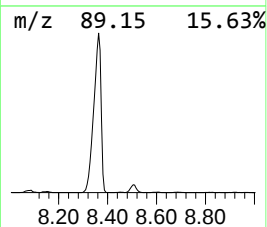
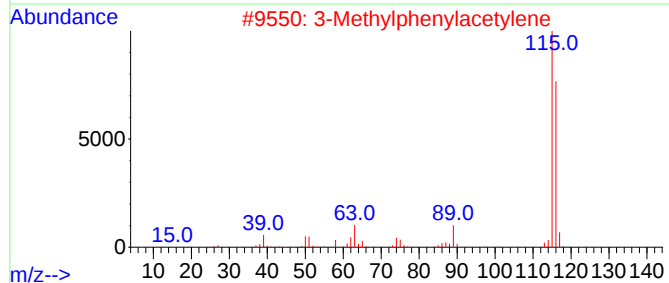
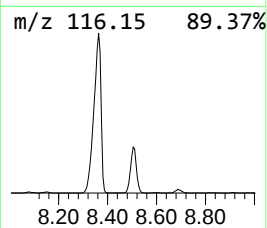
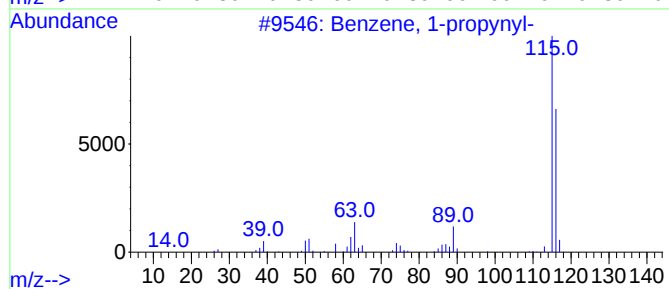
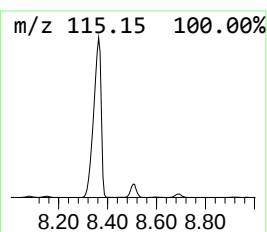
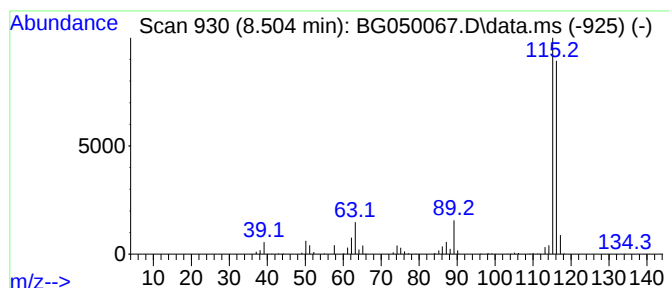
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 Benzene, 1-propynyl- Concentration Rank 11

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.504 | 40.01 ng/ul | 400800 | 1,4-Dichlorobenzene-d4 | 7.964 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-propynyl-    | 116 | C9H8    | 000673-32-5 | 97   |
| 2    |    |   | 3-Methylphenylacetylene | 116 | C9H8    | 000766-82-5 | 94   |
| 3    |    |   | Indene                  | 116 | C9H8    | 000095-13-6 | 94   |
| 4    |    |   | Indene                  | 116 | C9H8    | 000095-13-6 | 91   |
| 5    |    |   | 2-Methylphenylacetylene | 116 | C9H8    | 000766-47-2 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

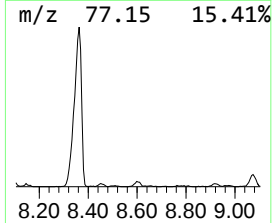
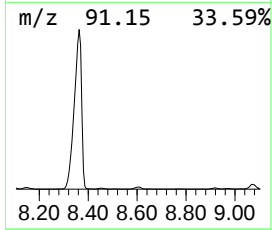
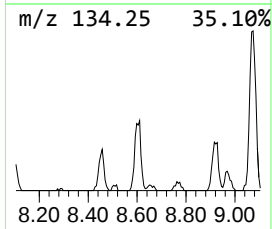
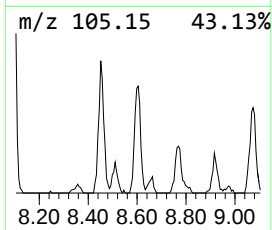
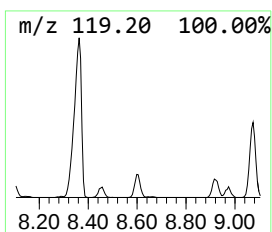
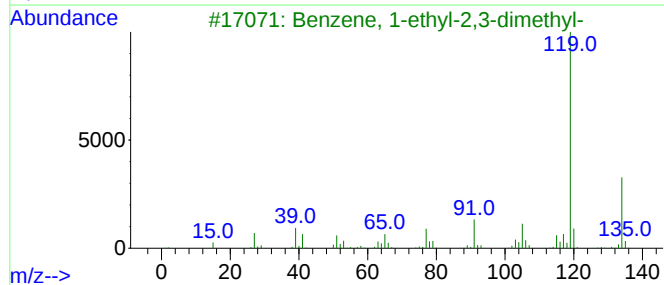
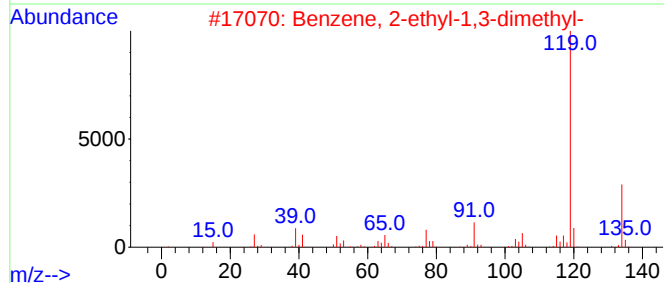
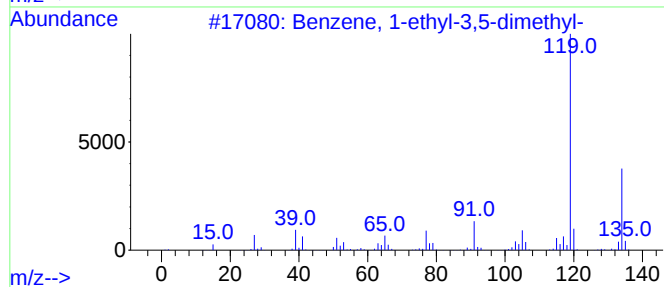
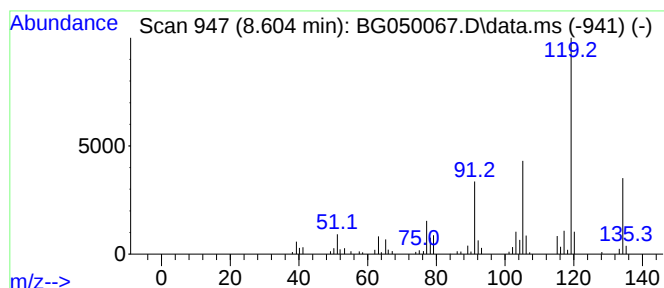
\*\*\*\*\*

Peak Number 12 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 22

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 8.604 | 13.75 ng/ul | 137799 | 1,4-Dichlorobenzene-d4 | 7.964 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 95   |
| 2    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 94   |
| 3    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 94   |
| 4    |    |   | Benzene, 1,2-diethyl-          | 134 | C10H14  | 000135-01-3 | 93   |
| 5    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

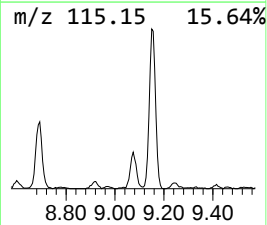
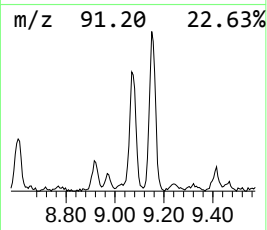
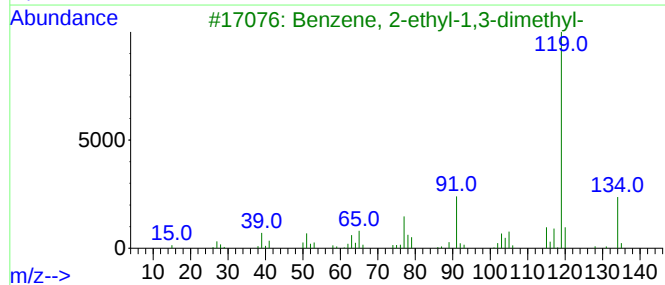
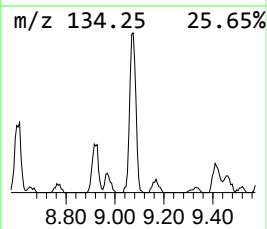
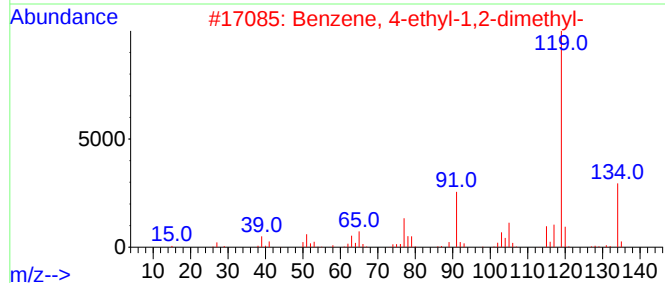
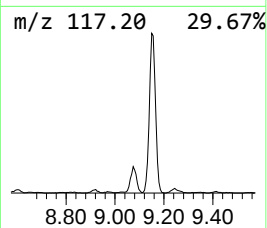
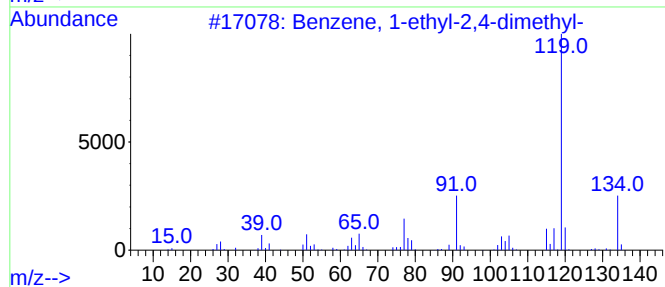
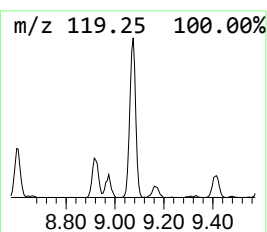
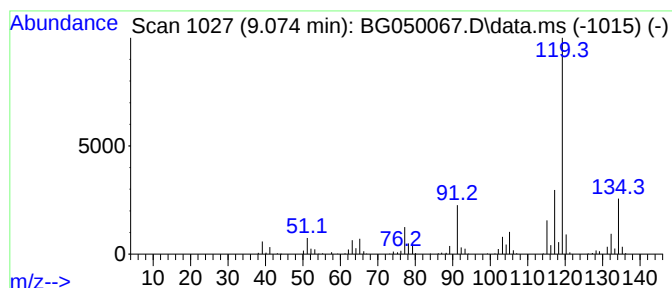
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 10

| R.T.  | EstConc     | Area   | Relative to ISTD       | R.T.  |
|-------|-------------|--------|------------------------|-------|
| 9.074 | 42.24 ng/ul | 423143 | 1,4-Dichlorobenzene-d4 | 7.964 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 94   |
| 2    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 94   |
| 3    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 94   |
| 4    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 93   |
| 5    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

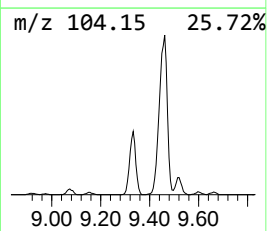
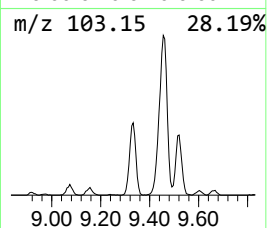
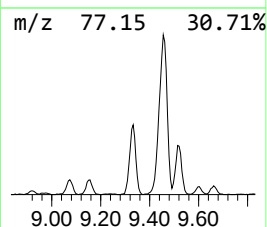
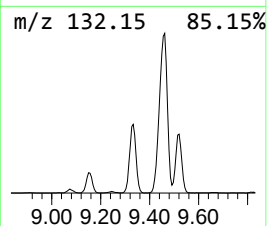
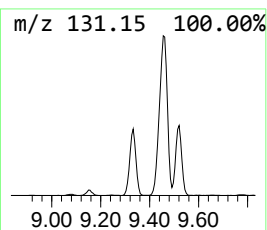
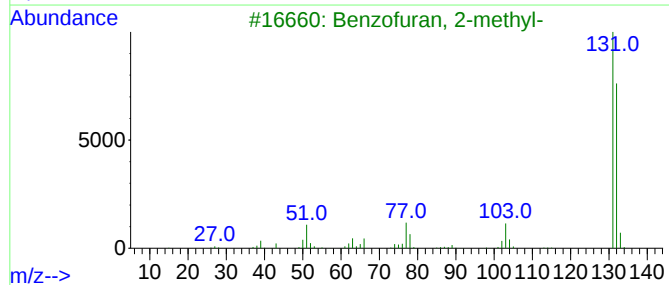
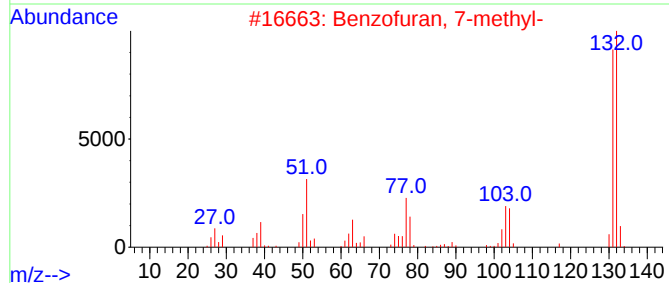
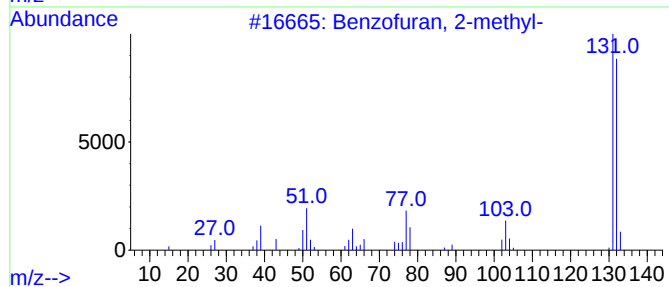
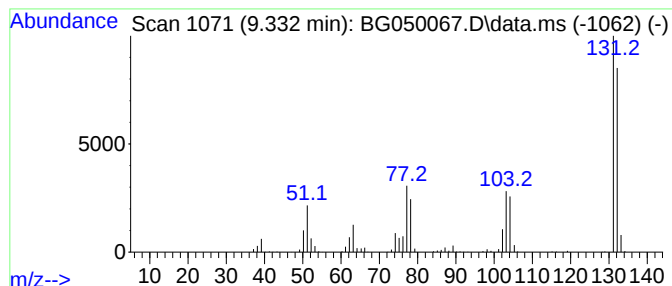
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 14 Benzo[1,2-b]furan, 2-methyl- Concentration Rank 2

| R.T.  | EstConc      | Area    | Relative to ISTD       | R.T.  |
|-------|--------------|---------|------------------------|-------|
| 9.332 | 104.72 ng/ul | 1049110 | 1,4-Dichlorobenzene-d4 | 7.964 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[1,2-b]furan, 2-methyl- | 132 | C9H8O   | 004265-25-2 | 94   |
| 2    |    |   | Benzo[1,2-b]furan, 7-methyl- | 132 | C9H8O   | 017059-52-8 | 94   |
| 3    |    |   | Benzo[1,2-b]furan, 2-methyl- | 132 | C9H8O   | 004265-25-2 | 94   |
| 4    |    |   | Benzo[1,2-b]furan, 2-methyl- | 132 | C9H8O   | 004265-25-2 | 94   |
| 5    |    |   | Cinnamaldehyde, (E)-         | 132 | C9H8O   | 014371-10-9 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

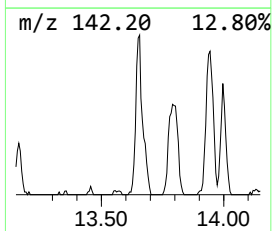
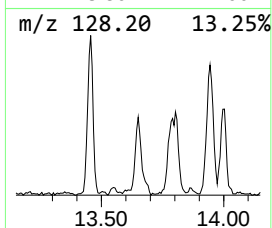
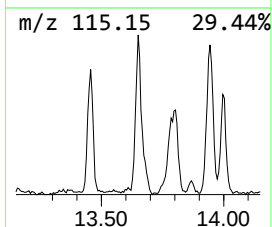
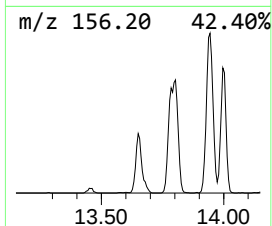
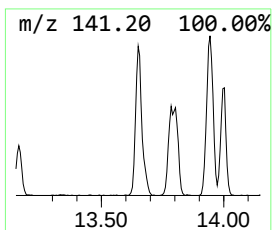
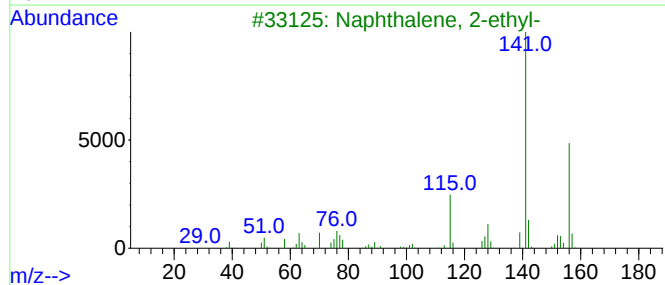
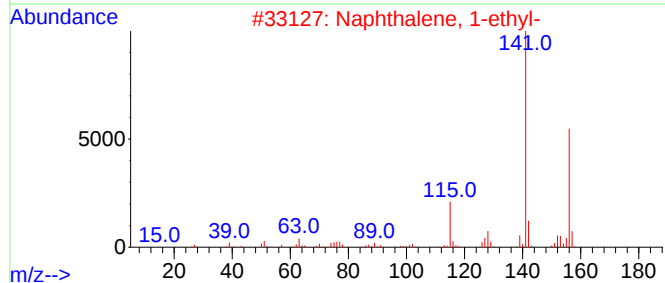
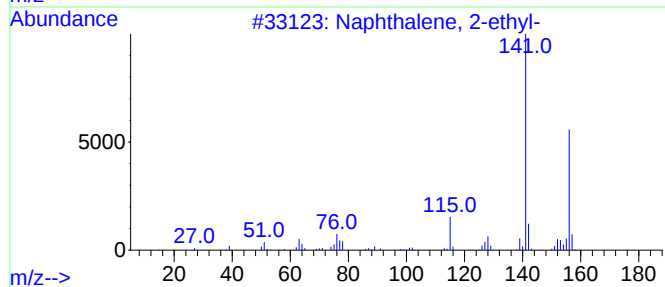
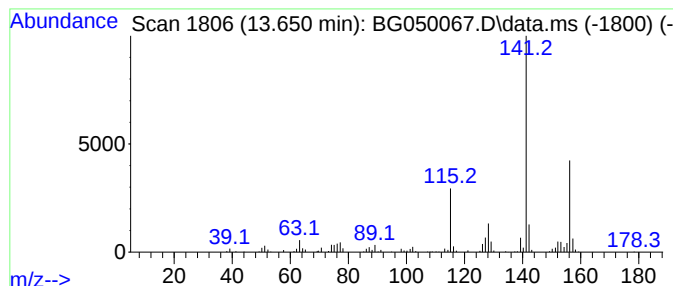
Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 16 Naphthalene, 2-ethyl- Concentration Rank 12

| R.T.      | EstConc               | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-----------------------|--------|------------------|---------|-------------|------|
| 13.650    | 33.62 ng/ul           | 548157 | Acenaphthene-d10 |         | 14.625      |      |
| Hit# of 5 | Tentative ID          |        | MW               | MolForm | CAS#        | Qual |
| 1         | Naphthalene, 2-ethyl- |        | 156              | C12H12  | 000939-27-5 | 94   |
| 2         | Naphthalene, 1-ethyl- |        | 156              | C12H12  | 001127-76-0 | 94   |
| 3         | Naphthalene, 2-ethyl- |        | 156              | C12H12  | 000939-27-5 | 93   |
| 4         | Naphthalene, 1-ethyl- |        | 156              | C12H12  | 001127-76-0 | 93   |
| 5         | Naphthalene, 2-ethyl- |        | 156              | C12H12  | 000939-27-5 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

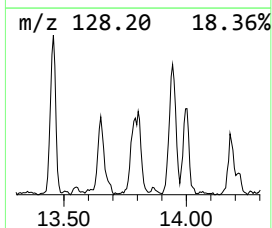
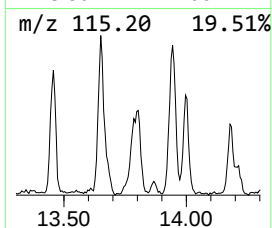
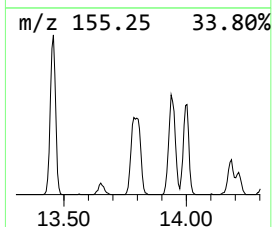
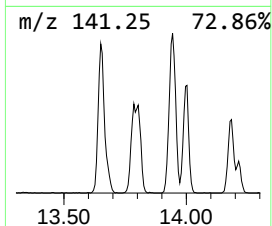
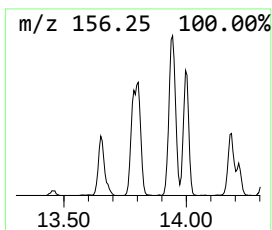
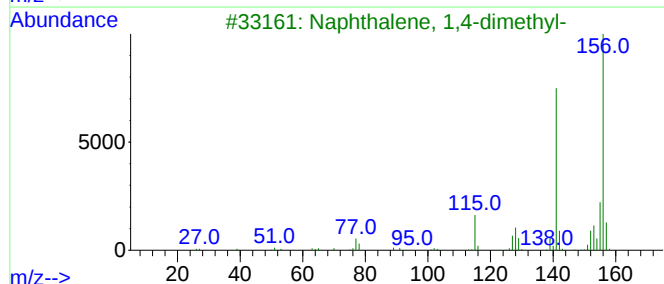
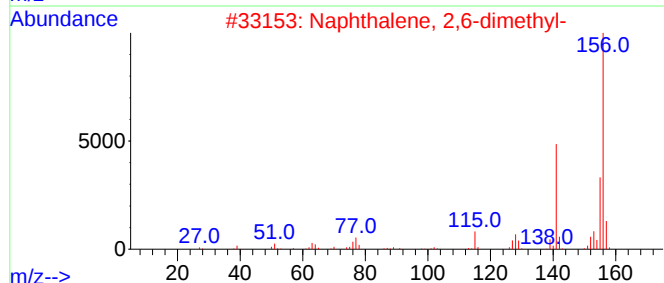
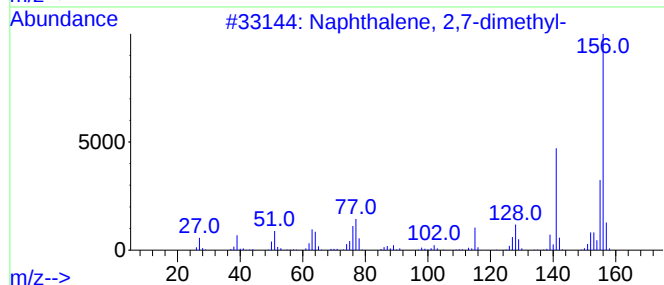
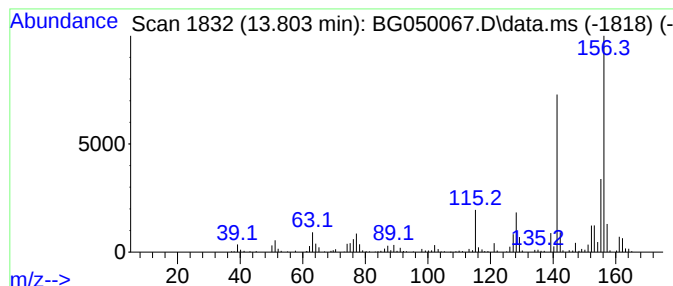
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 17 Naphthalene, 2,7-dimethyl- Concentration Rank 7

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 13.803 | 52.76 ng/ul | 860170 | Acenaphthene-d10 | 14.625 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |
| 2    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 96   |
| 3    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 96   |
| 4    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 95   |
| 5    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

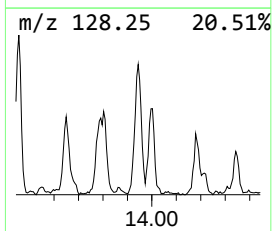
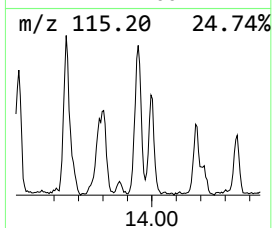
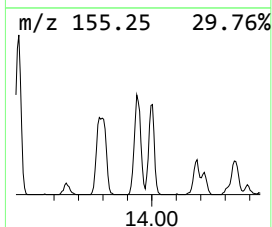
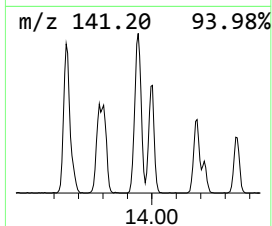
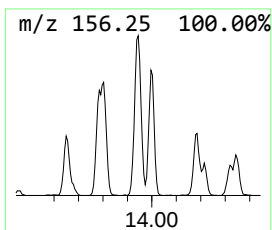
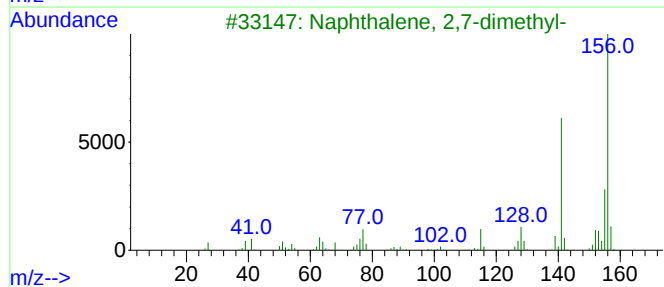
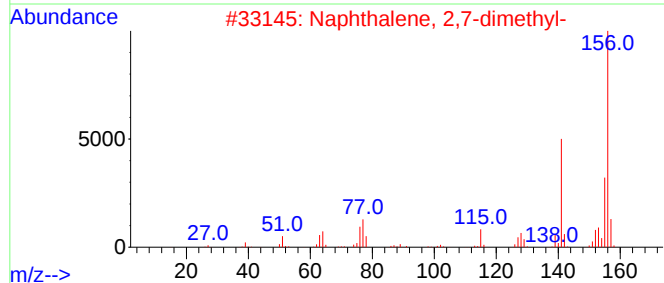
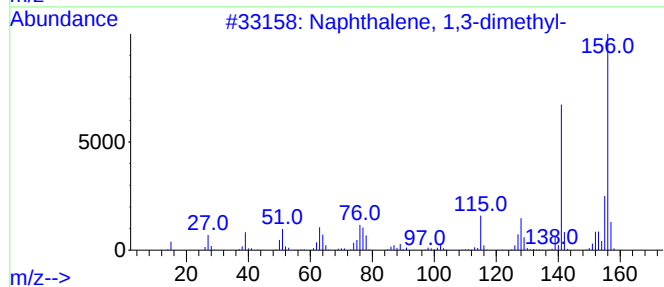
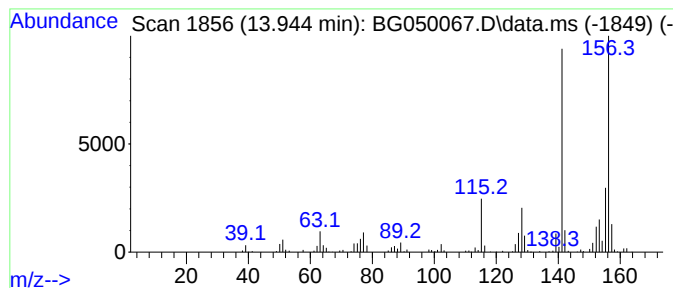
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 18 Naphthalene, 1,3-dimethyl- Concentration Rank 8

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 13.944 | 52.30 ng/ul | 852812 | Acenaphthene-d10 | 14.625 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 96   |
| 2    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 95   |
| 3    |    |   | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 95   |
| 4    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 95   |
| 5    |    |   | Naphthalene, 1,4-dimethyl- | 156 | C12H12  | 000571-58-4 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

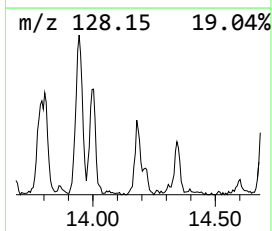
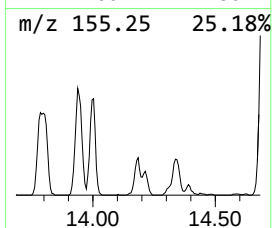
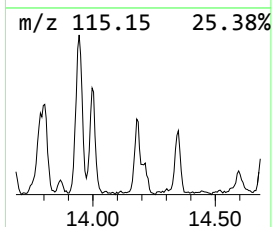
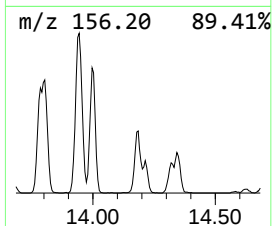
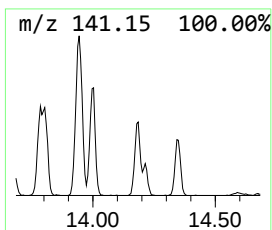
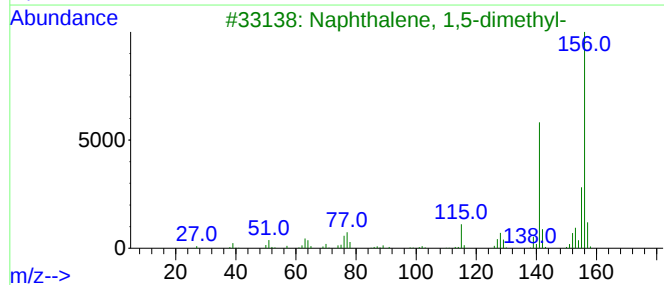
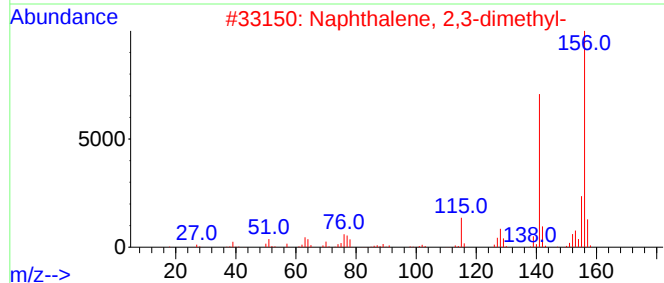
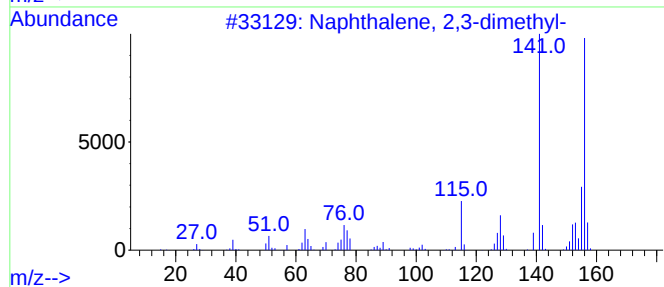
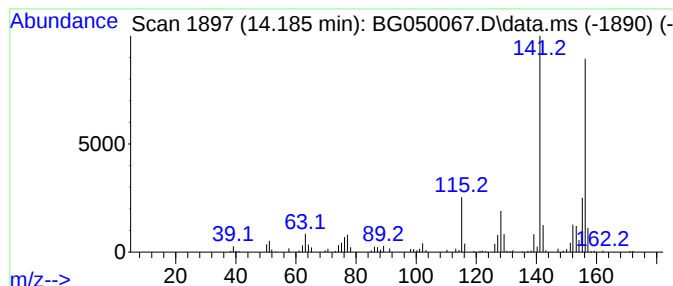
Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 16

| R.T.   | EstConc     | Area                       | Relative to ISTD | R.T.           |
|--------|-------------|----------------------------|------------------|----------------|
| 14.185 | 18.88 ng/ul | 307877                     | Acenaphthene-d10 | 14.625         |
| Hit#   | of 5        | Tentative ID               | MW MolForm       | CAS# Qual      |
| 1      |             | Naphthalene, 2,3-dimethyl- | 156 C12H12       | 000581-40-8 97 |
| 2      |             | Naphthalene, 2,3-dimethyl- | 156 C12H12       | 000581-40-8 97 |
| 3      |             | Naphthalene, 1,5-dimethyl- | 156 C12H12       | 000571-61-9 96 |
| 4      |             | Naphthalene, 1,4-dimethyl- | 156 C12H12       | 000571-58-4 96 |
| 5      |             | Naphthalene, 1,6-dimethyl- | 156 C12H12       | 000575-43-9 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

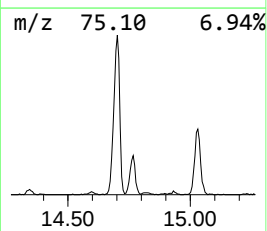
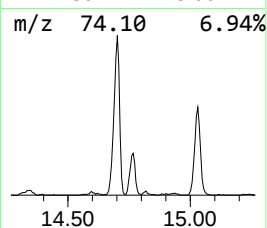
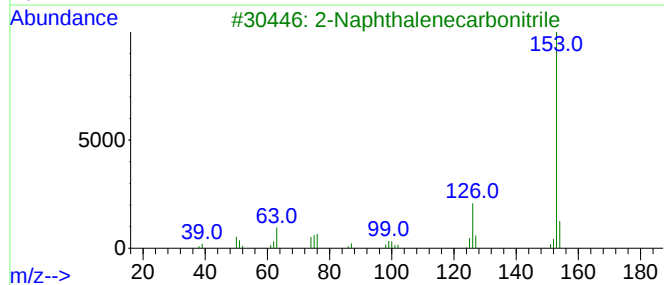
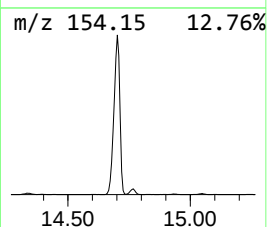
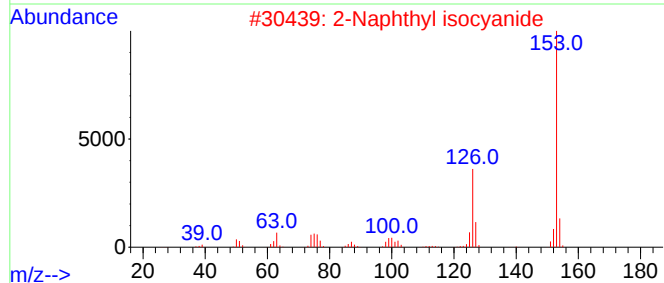
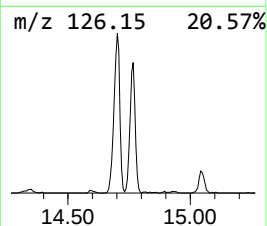
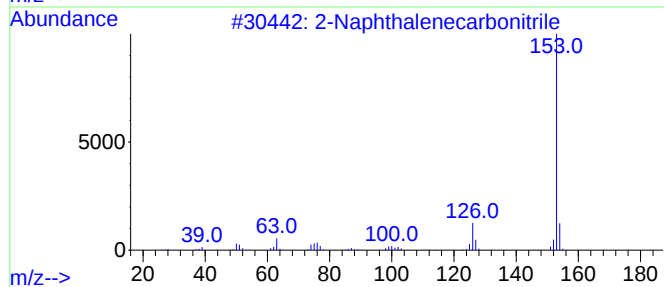
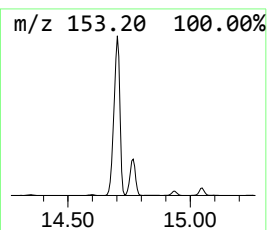
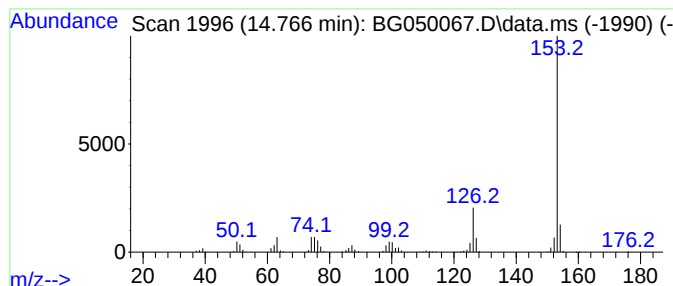
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 21 2-Naphthalenecarbonitrile Concentration Rank 9

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 14.766 | 51.66 ng/ul | 842257 | Acenaphthene-d10 | 14.625 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Naphthalenecarbonitrile | 153 | C11H7N  | 000613-46-7 | 95   |
| 2    |    |   | 2-Naphthyl isocyanide     | 153 | C11H7N  | 010124-78-4 | 95   |
| 3    |    |   | 2-Naphthalenecarbonitrile | 153 | C11H7N  | 000613-46-7 | 94   |
| 4    |    |   | 1-Naphthalenecarbonitrile | 153 | C11H7N  | 000086-53-3 | 94   |
| 5    |    |   | 1-Naphthalenecarbonitrile | 153 | C11H7N  | 000086-53-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

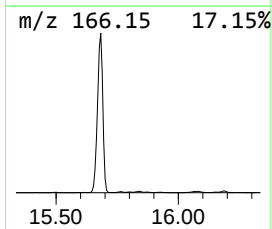
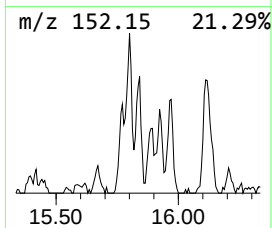
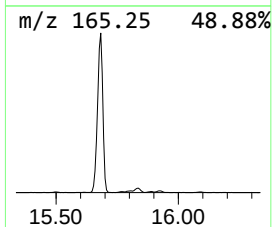
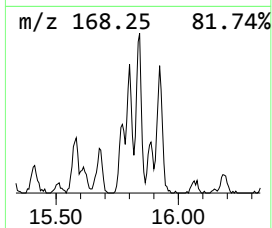
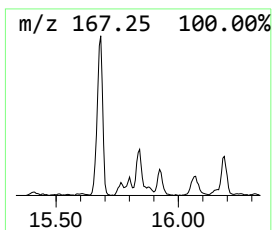
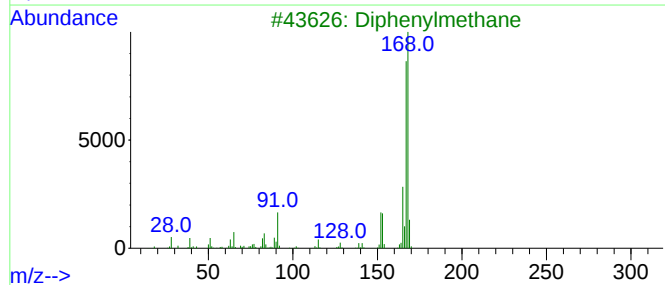
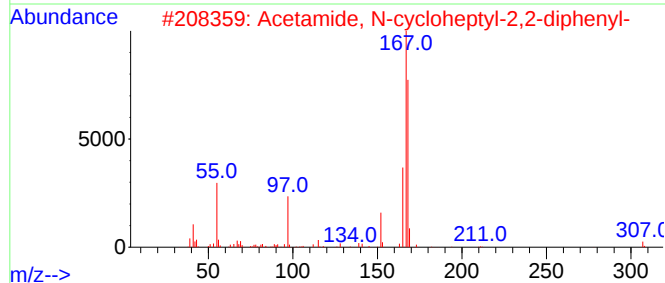
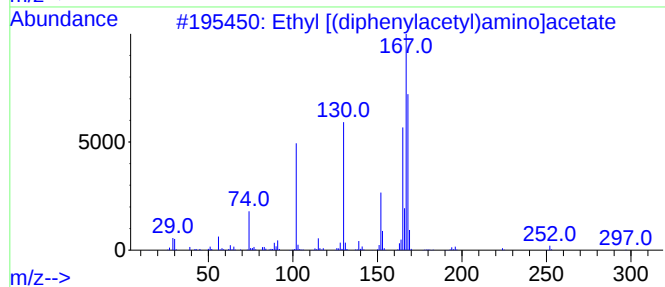
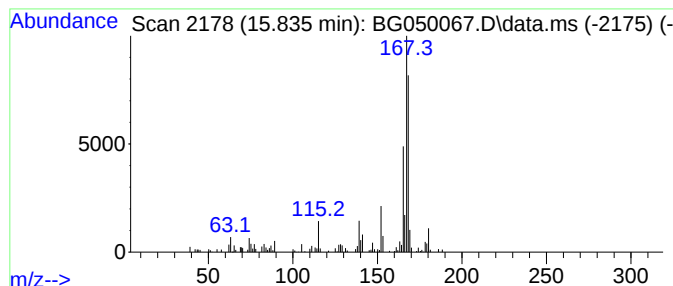
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 23 Ethyl [(diphenylacetyl)amin... Concentration Rank 19

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 15.835 | 14.51 ng/ul | 236536 | Acenaphthene-d10 | 14.625 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Ethyl [(diphenylacetyl)amino]ace... | 297 | C18H19NO3 | 006325-31-1 | 72   |
| 2    |    |   | Acetamide, N-cycloheptyl-2,2-dip... | 307 | C21H25NO  | 351062-01-6 | 72   |
| 3    |    |   | Diphenylmethane                     | 168 | C13H12    | 000101-81-5 | 58   |
| 4    |    |   | Fluorene, 1,4-dihydro-              | 168 | C13H12    | 041593-21-9 | 53   |
| 5    |    |   | Fluorene, 2,4a-dihydro-             | 168 | C13H12    | 059247-36-8 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

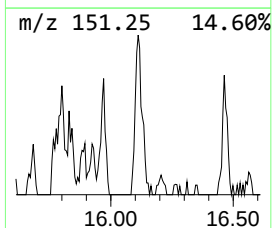
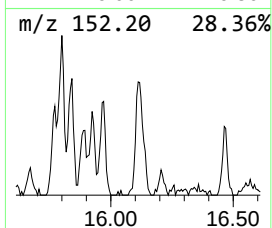
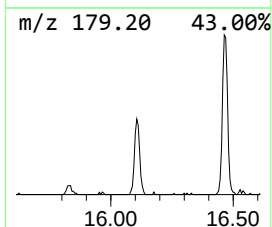
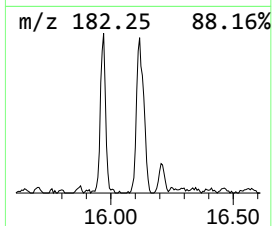
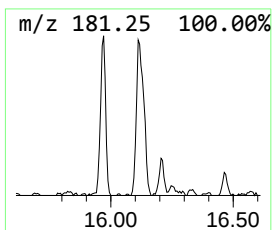
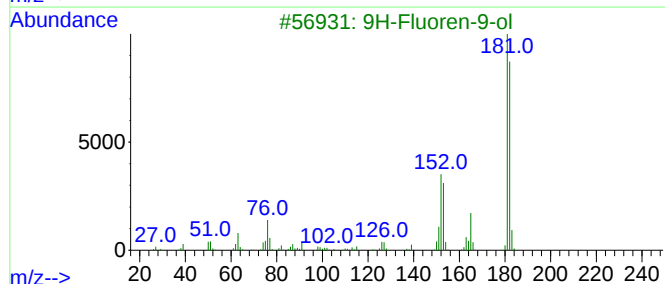
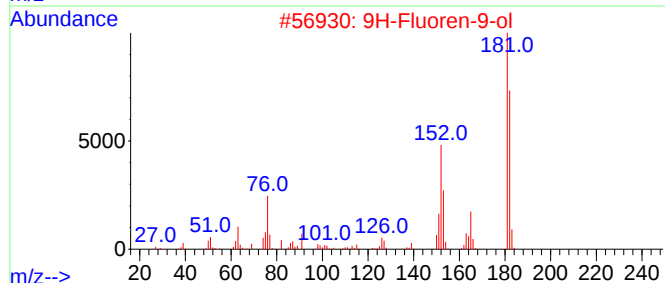
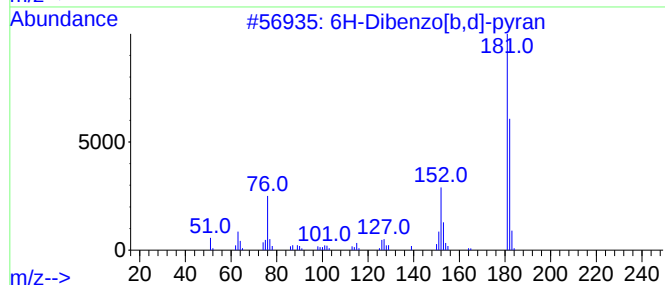
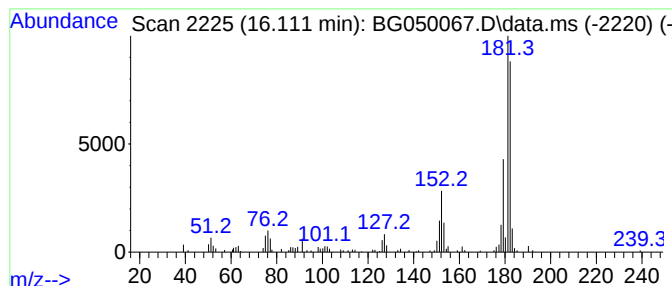
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 26 6H-Dibenzo[b,d]-pyran Concentration Rank 25

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 16.111 | 10.71 ng/ul | 237826 | Phenanthrene-d10 | 17.380 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | 6H-Dibenzo[b,d]-pyran   | 182 | C13H10O | 000229-95-8 | 90   |
| 2    |    |   | 9H-Fluoren-9-ol         | 182 | C13H10O | 001689-64-1 | 72   |
| 3    |    |   | 9H-Fluoren-9-ol         | 182 | C13H10O | 001689-64-1 | 68   |
| 4    |    |   | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 64   |
| 5    |    |   | 2-Hydroxyfluorene       | 182 | C13H10O | 002443-58-5 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

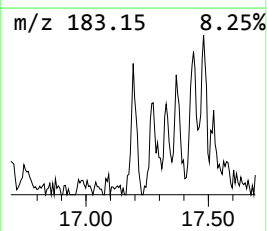
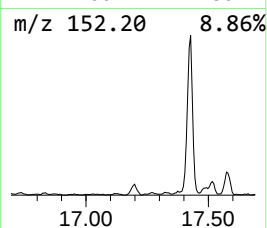
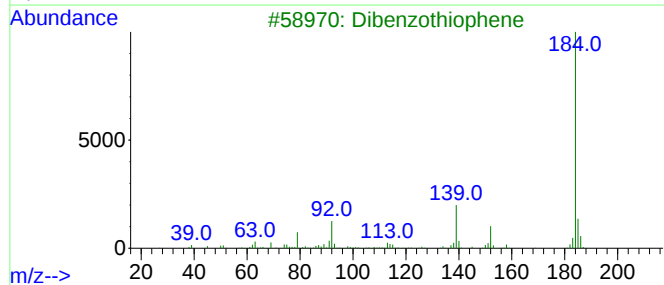
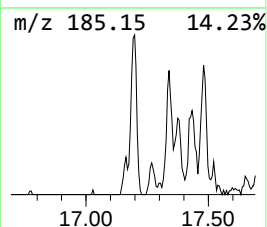
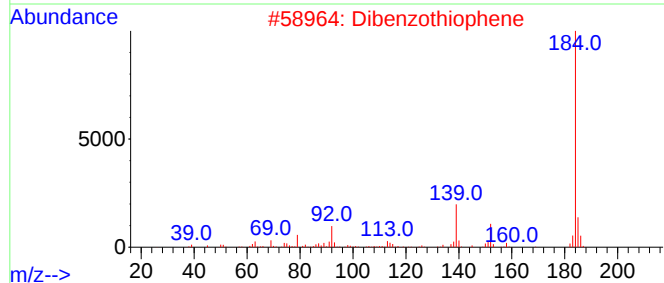
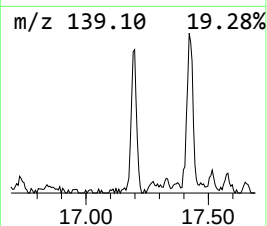
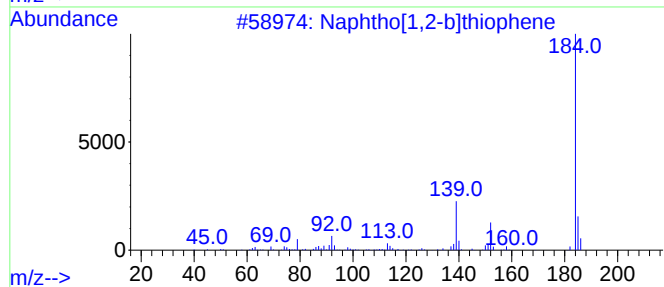
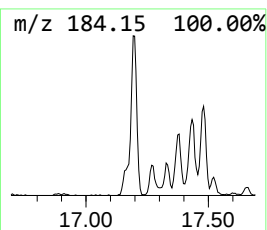
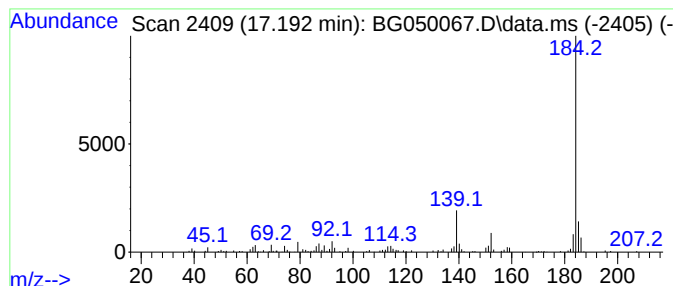
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 32 Naphtho[1,2-b]thiophene Concentration Rank 27

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 17.192 | 9.53 ng/ul | 211723 | Phenanthrene-d10 | 17.380 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphtho[1,2-b]thiophene | 184 | C12H8S  | 000234-41-3 | 96   |
| 2    |    |   | Dibenzothiophene        | 184 | C12H8S  | 000132-65-0 | 95   |
| 3    |    |   | Dibenzothiophene        | 184 | C12H8S  | 000132-65-0 | 95   |
| 4    |    |   | Dibenzothiophene        | 184 | C12H8S  | 000132-65-0 | 95   |
| 5    |    |   | Dibenzothiophene        | 184 | C12H8S  | 000132-65-0 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

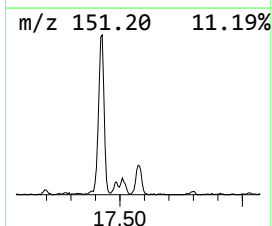
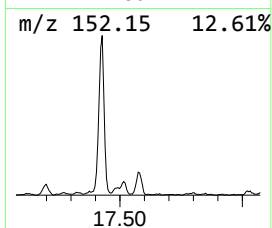
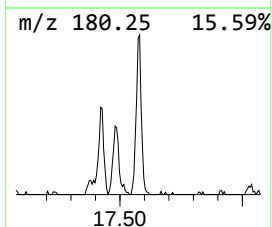
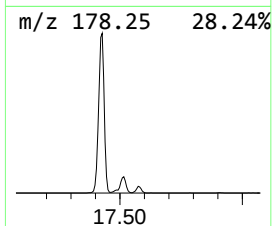
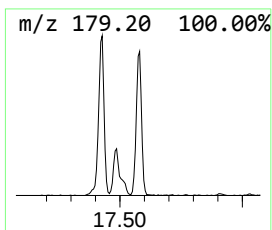
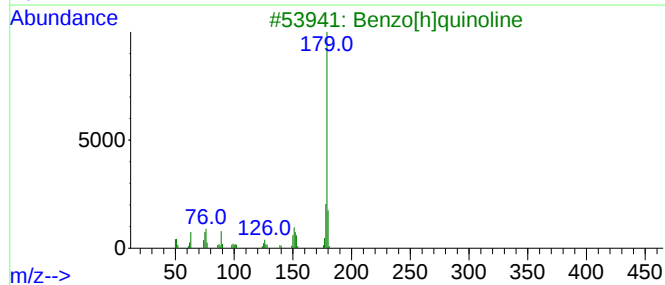
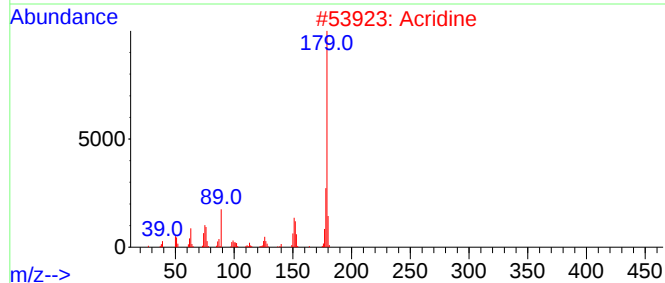
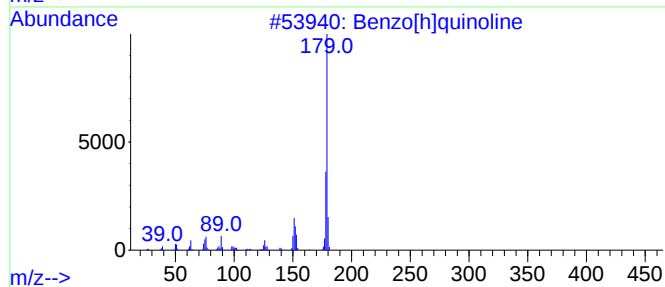
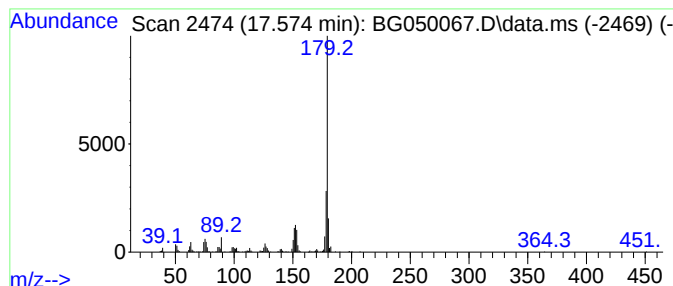
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 33 Benzo[h]quinoline Concentration Rank 18

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 17.574 | 16.40 ng/ul | 364247 | Phenanthrene-d10 | 17.380 |

| Hit# | of | 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[h]quinoline | 179 | C13H9N  | 000230-27-3 | 96   |
| 2    |    |   | Acridine          | 179 | C13H9N  | 000260-94-6 | 94   |
| 3    |    |   | Benzo[h]quinoline | 179 | C13H9N  | 000230-27-3 | 93   |
| 4    |    |   | Phenanthridine    | 179 | C13H9N  | 000229-87-8 | 91   |
| 5    |    |   | Acridine          | 179 | C13H9N  | 000260-94-6 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

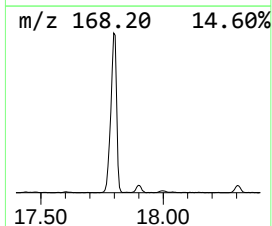
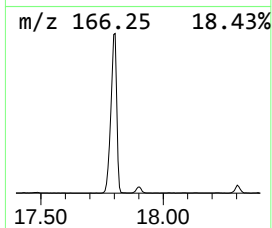
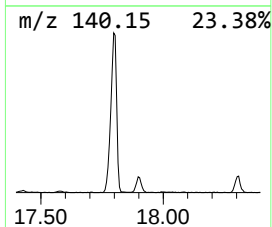
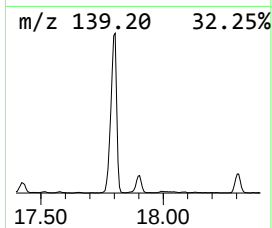
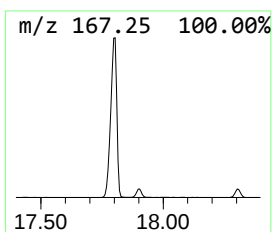
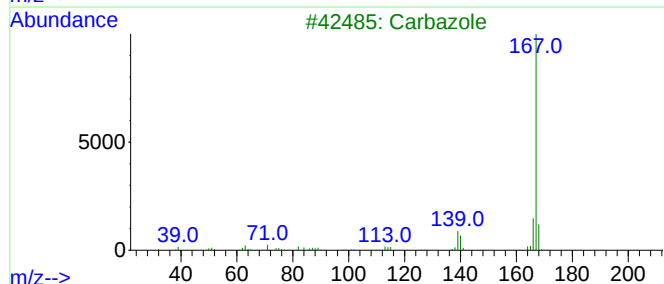
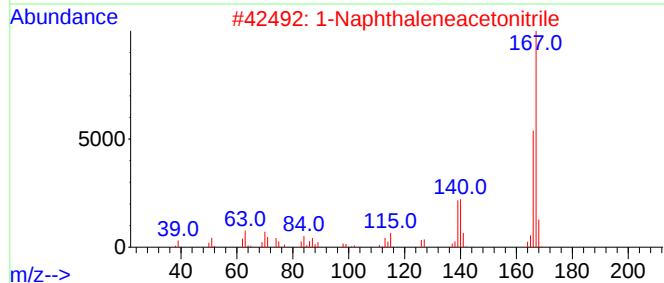
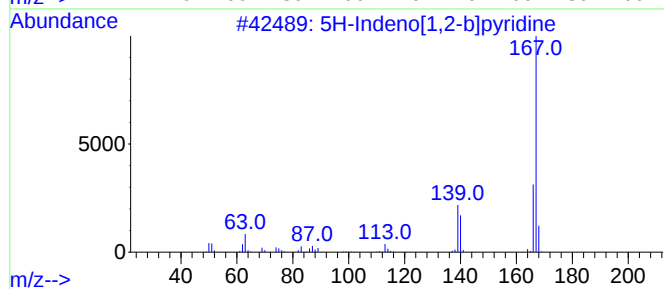
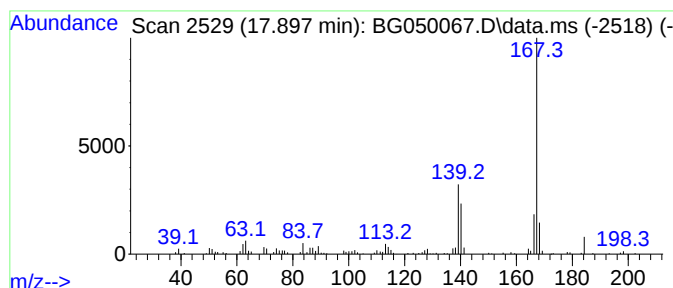
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 34 5H-Indeno[1,2-b]pyridine Concentration Rank 20

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 17.897 | 14.16 ng/ul | 314566 | Phenanthrene-d10 | 17.380 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | 5H-Indeno[1,2-b]pyridine  | 167 | C12H9N  | 000244-99-5 | 90   |
| 2    |    |   | 1-Naphthaleneacetonitrile | 167 | C12H9N  | 000132-75-2 | 87   |
| 3    |    |   | Carbazole                 | 167 | C12H9N  | 000086-74-8 | 83   |
| 4    |    |   | 5H-Indeno[1,2-b]pyridine  | 167 | C12H9N  | 000244-99-5 | 81   |
| 5    |    |   | Carbazole                 | 167 | C12H9N  | 000086-74-8 | 81   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

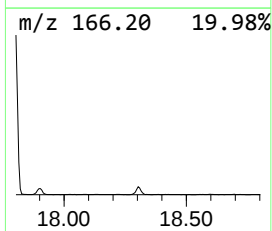
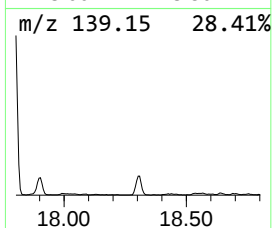
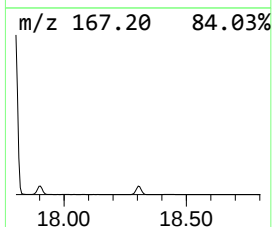
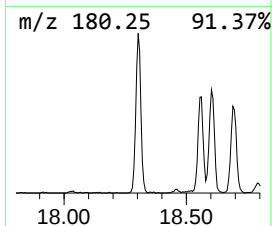
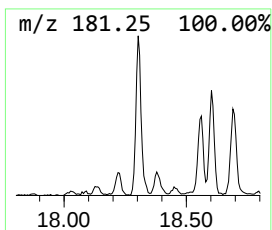
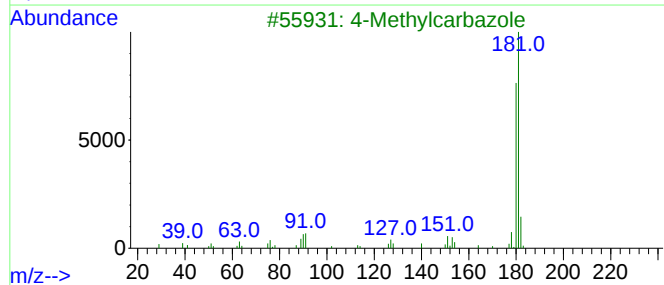
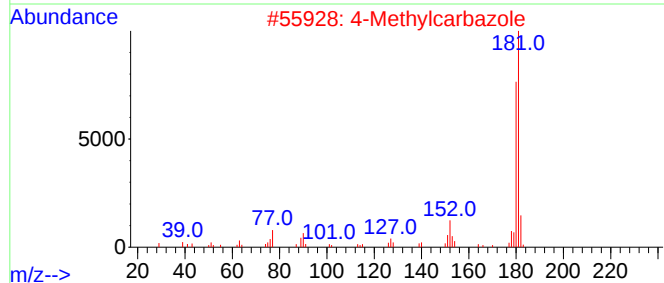
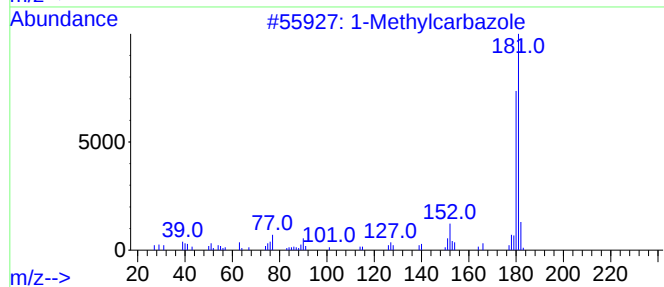
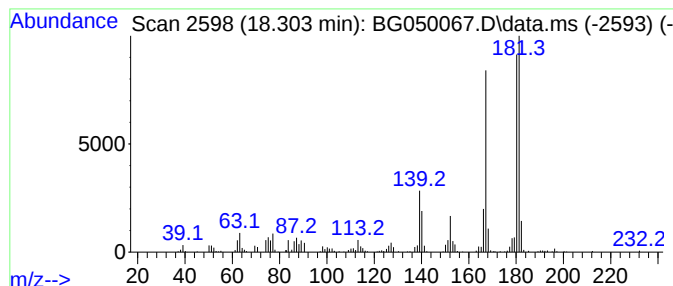
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 38 1-Methylcarbazole Concentration Rank 14

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 18.303 | 25.10 ng/ul | 557481 | Phenanthrene-d10 | 17.380 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Methylcarbazole                   | 181 | C13H11N | 006510-65-2 | 86   |
| 2    |    |   | 4-Methylcarbazole                   | 181 | C13H11N | 003770-48-7 | 70   |
| 3    |    |   | 4-Methylcarbazole                   | 181 | C13H11N | 003770-48-7 | 70   |
| 4    |    |   | 9H-Carbazole, 9-methyl-             | 181 | C13H11N | 001484-12-4 | 70   |
| 5    |    |   | 5H-Indeno[1,2-b]pyridine, 4-methyl- | 181 | C13H11N | 064292-01-9 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

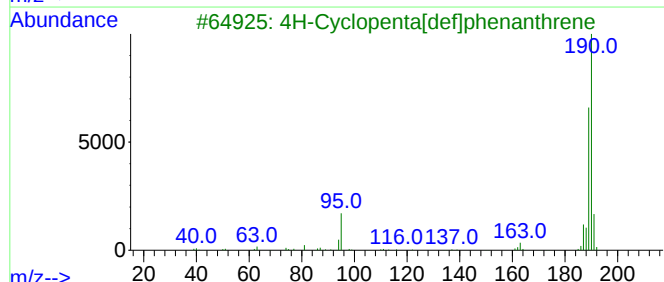
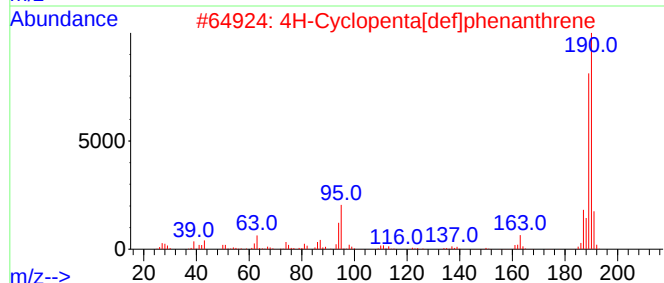
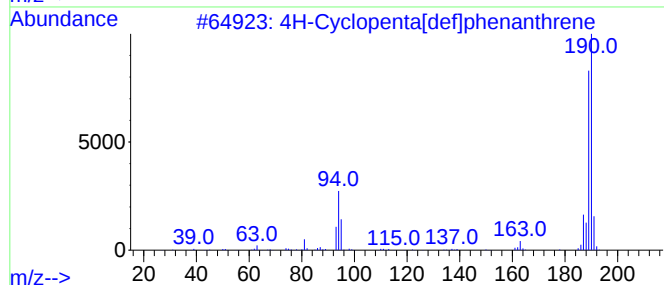
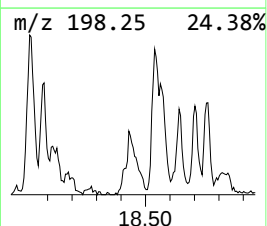
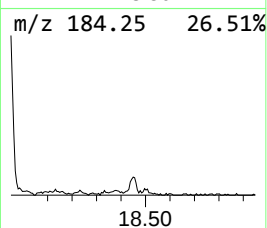
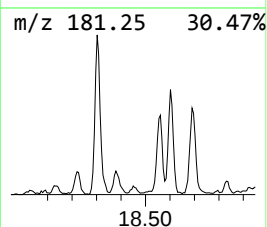
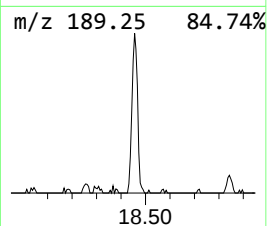
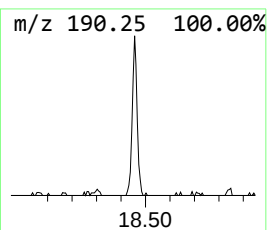
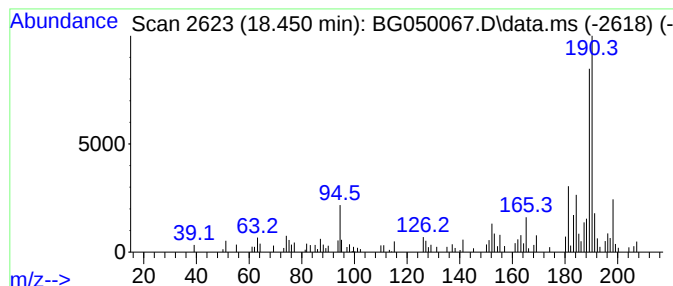
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 39 4H-Cyclopenta[def]phenanthrene Concentration Rank 38

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.450 | 5.24 ng/ul | 116460 | Phenanthrene-d10 | 17.380 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#         | Qual |
|------|----|---|----------------------------------|-----|----------|--------------|------|
| 1    |    |   | 4H-Cyclopenta[def]phenanthrene   | 190 | C15H10   | 000203-64-5  | 64   |
| 2    |    |   | 4H-Cyclopenta[def]phenanthrene   | 190 | C15H10   | 000203-64-5  | 62   |
| 3    |    |   | 4H-Cyclopenta[def]phenanthrene   | 190 | C15H10   | 000203-64-5  | 53   |
| 4    |    |   | Phenol, 4-(2-thienylmethyl)-     | 190 | C11H10O5 | 091680-55-6  | 50   |
| 5    |    |   | 2-Propynyl 1H-purin-6-yl sulfide | 190 | C8H6N4S  | 1000486-13-9 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

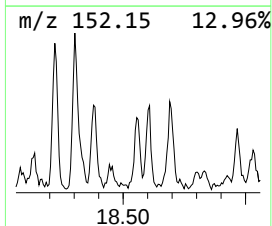
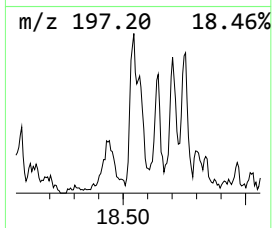
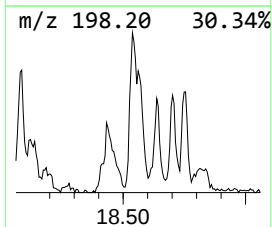
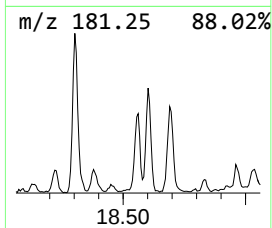
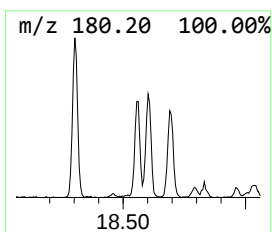
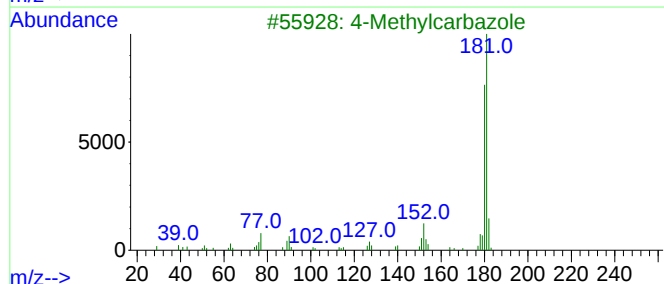
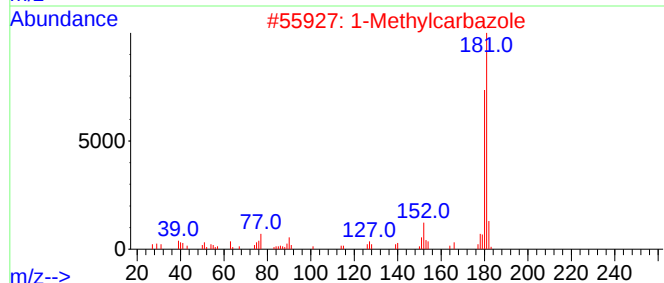
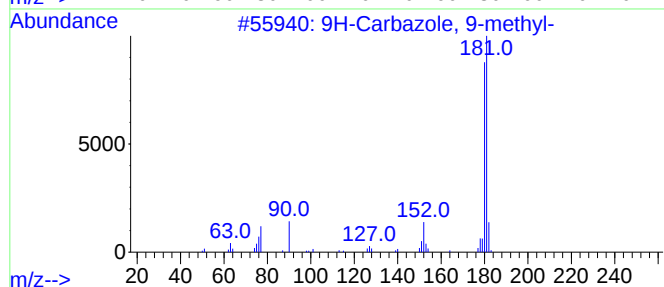
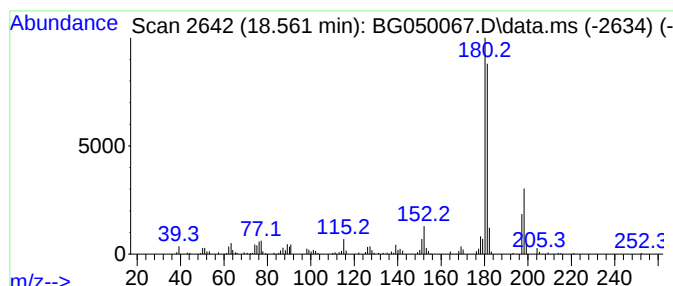
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 40 9H-Carbazole, 9-methyl- Concentration Rank 21

| R.T.   | EstConc     | Area   | Relative to ISTD | R.T.   |
|--------|-------------|--------|------------------|--------|
| 18.561 | 14.12 ng/ul | 313633 | Phenanthrene-d10 | 17.380 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 90   |
| 2    |      | 1-Methylcarbazole       | 181 | C13H11N | 006510-65-2 | 83   |
| 3    |      | 4-Methylcarbazole       | 181 | C13H11N | 003770-48-7 | 83   |
| 4    |      | 2-Fluorenamine          | 181 | C13H11N | 000153-78-6 | 72   |
| 5    |      | Acridine, 9,10-dihydro- | 181 | C13H11N | 000092-81-9 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

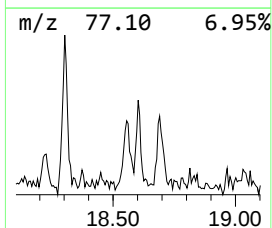
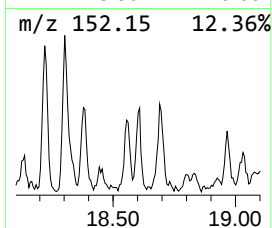
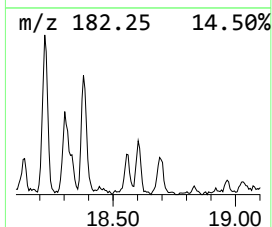
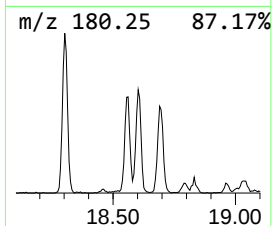
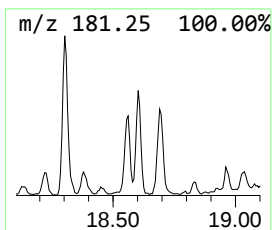
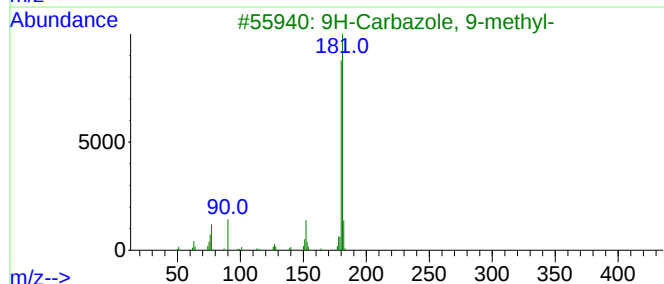
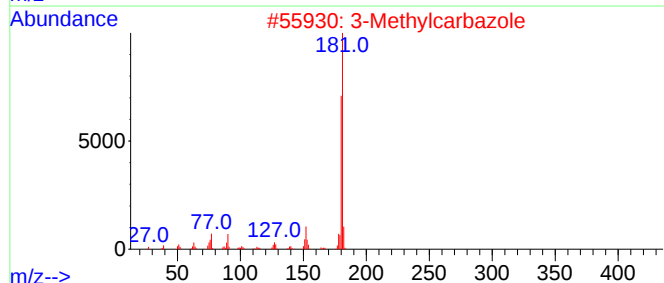
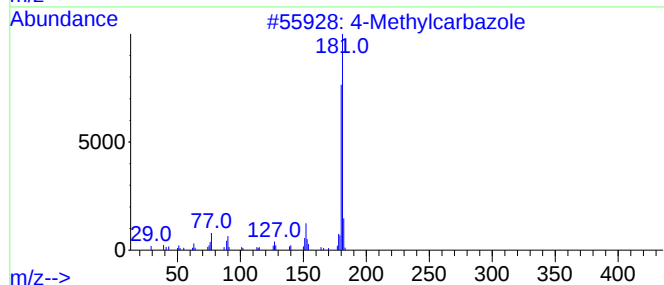
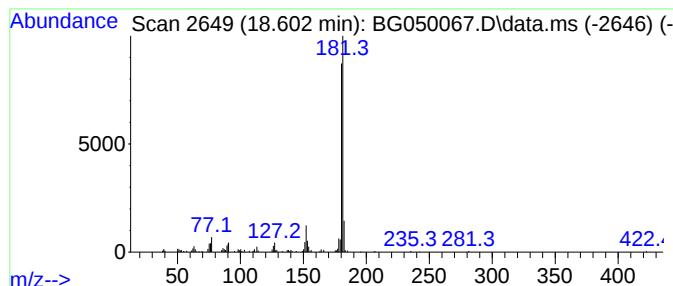
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 41 4-Methylcarbazole Concentration Rank 29

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.602 | 8.23 ng/ul | 182754 | Phenanthrene-d10 | 17.380 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#         | Qual |
|------|----|---|--------------------------|-----|---------|--------------|------|
| 1    |    |   | 4-Methylcarbazole        | 181 | C13H11N | 003770-48-7  | 96   |
| 2    |    |   | 3-Methylcarbazole        | 181 | C13H11N | 004630-20-0  | 94   |
| 3    |    |   | 9H-Carbazole, 9-methyl-  | 181 | C13H11N | 001484-12-4  | 94   |
| 4    |    |   | 1-Methylcarbazole        | 181 | C13H11N | 006510-65-2  | 94   |
| 5    |    |   | 4aH-carbazole, 6-methyl- | 181 | C13H11N | 1000404-86-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

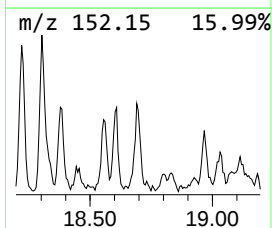
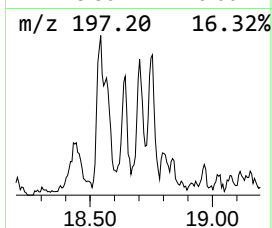
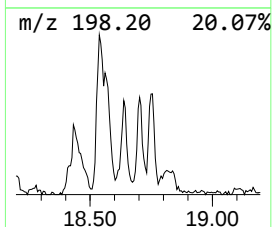
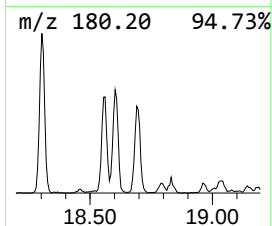
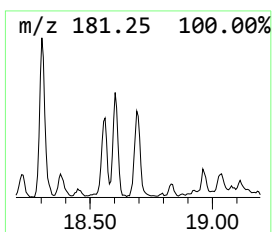
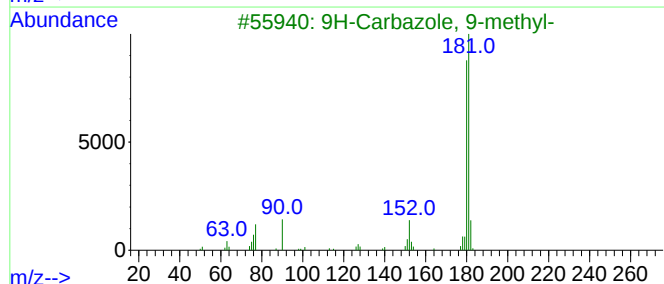
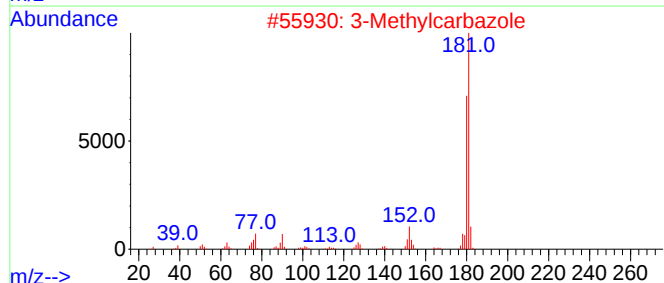
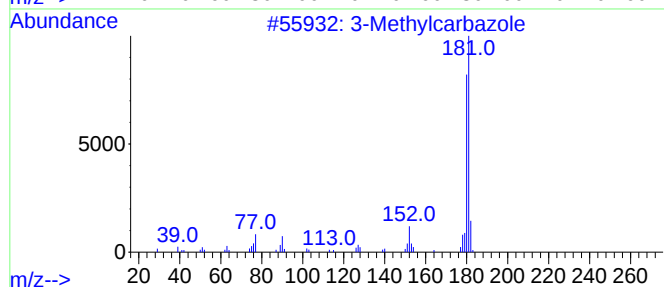
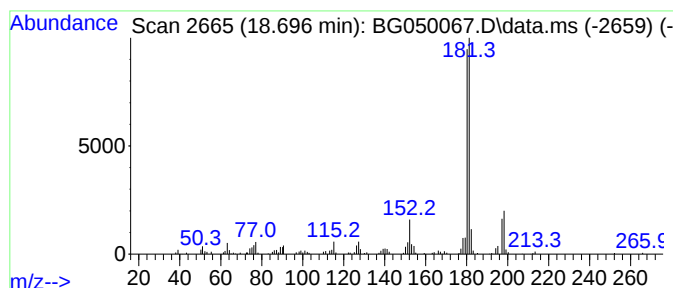
\*\*\*\*\*

Peak Number 42 3-Methylcarbazole Concentration Rank 26

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.696 | 9.82 ng/ul | 218118 | Phenanthrene-d10 | 17.380 |

| Hit# | of 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------|-----|---------|-------------|------|
| 1    |      | 3-Methylcarbazole       | 181 | C13H11N | 004630-20-0 | 95   |
| 2    |      | 3-Methylcarbazole       | 181 | C13H11N | 004630-20-0 | 94   |
| 3    |      | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 93   |
| 4    |      | 1-Methylcarbazole       | 181 | C13H11N | 006510-65-2 | 93   |
| 5    |      | 2-Fluorenamine          | 181 | C13H11N | 000153-78-6 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
Data File : BG050067.D  
Acq On : 31 Aug 2021 16:24  
Operator : CG/JU  
Sample : M3494-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YAS53

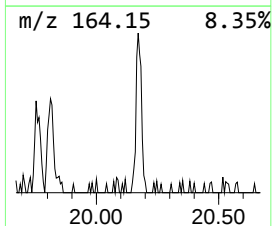
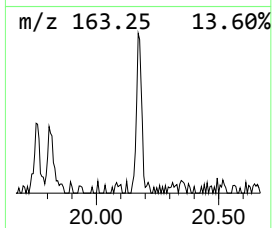
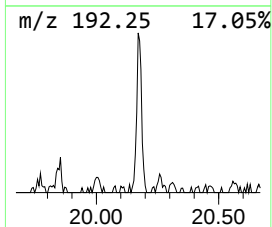
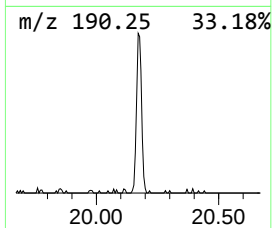
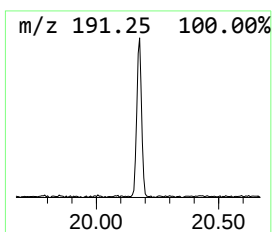
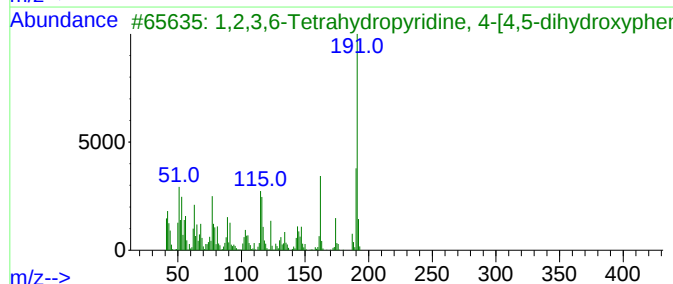
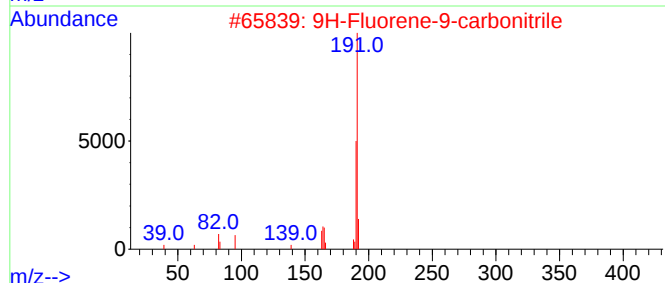
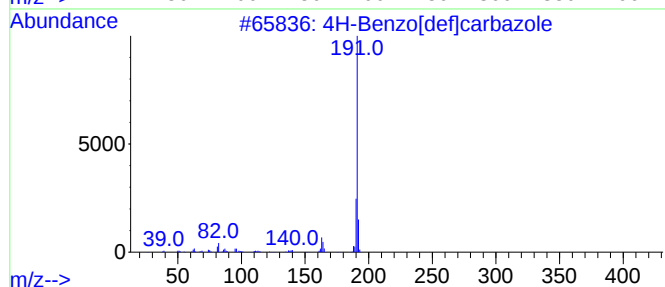
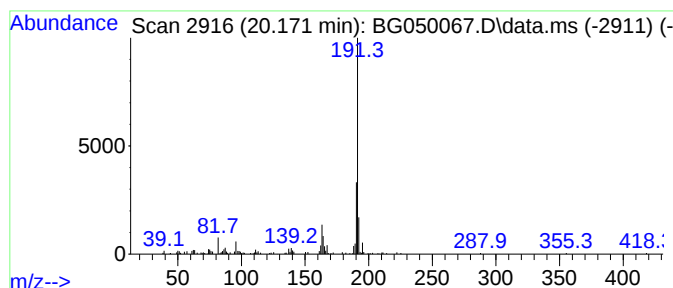
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*

Peak Number 43 4H-Benzo[def]carbazole Concentration Rank 31

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 20.171    | 7.81 ng/ul                          | 149007 | Chrysene-d12     | 21.651      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 4H-Benzo[def]carbazole              | 191    | C14H9N           | 000203-65-6 | 93   |
| 2         | 9H-Fluorene-9-carbonitrile          | 191    | C14H9N           | 001529-40-4 | 59   |
| 3         | 1,2,3,6-Tetrahydropyridine, 4-[4... | 191    | C11H13NO2        | 090684-17-6 | 59   |
| 4         | 9H-Fluorene-2-carbonitrile          | 191    | C14H9N           | 002523-48-0 | 53   |
| 5         | 9H-Fluorene-9-carbonitrile          | 191    | C14H9N           | 001529-40-4 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083021\  
 Data File : BG050067.D  
 Acq On : 31 Aug 2021 16:24  
 Operator : CG/JU  
 Sample : M3494-01  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YAS53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
 Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzene, 1,3-di... | 5.949  | 65.0    | ng/ul | 651342   | 1                     | 7.964  | 200363 | 20.0 |
| Benzene, (1-met... | 6.430  | 17.6    | ng/ul | 176744   | 1                     | 7.964  | 200363 | 20.0 |
| Benzene, 1-ethy... | 7.341  | 21.3    | ng/ul | 213516   | 1                     | 7.964  | 200363 | 20.0 |
| Mesitylene         | 7.605  | 80.6    | ng/ul | 807854   | 1                     | 7.964  | 200363 | 20.0 |
| Benzofuran         | 7.682  | 11.9    | ng/ul | 119687   | 1                     | 7.964  | 200363 | 20.0 |
| Benzene, 1,2,3-... | 8.075  | 87.0    | ng/ul | 871641   | 1                     | 7.964  | 200363 | 20.0 |
| Benzene, (2-bro... | 8.146  | 11.8    | ng/ul | 118041   | 1                     | 7.964  | 200363 | 20.0 |
| Indane             | 8.363  | 1660.9  | ng/ul | 16639000 | 1                     | 7.964  | 200363 | 20.0 |
| Benzene, 1-prop... | 8.504  | 40.0    | ng/ul | 400800   | 1                     | 7.964  | 200363 | 20.0 |
| Benzene, 1-ethy... | 8.604  | 13.8    | ng/ul | 137799   | 1                     | 7.964  | 200363 | 20.0 |
| Benzene, 1-ethy... | 9.074  | 42.2    | ng/ul | 423143   | 1                     | 7.964  | 200363 | 20.0 |
| Benzofuran, 2-m... | 9.332  | 104.7   | ng/ul | 1049110  | 1                     | 7.964  | 200363 | 20.0 |
| Naphthalene, 2-... | 13.650 | 33.6    | ng/ul | 548157   | 3                     | 14.625 | 326093 | 20.0 |
| Naphthalene, 2,... | 13.803 | 52.8    | ng/ul | 860170   | 3                     | 14.625 | 326093 | 20.0 |
| Naphthalene, 1,... | 13.944 | 52.3    | ng/ul | 852812   | 3                     | 14.625 | 326093 | 20.0 |
| Naphthalene, 2,... | 14.185 | 18.9    | ng/ul | 307877   | 3                     | 14.625 | 326093 | 20.0 |
| 2-Naphthaleneca... | 14.766 | 51.7    | ng/ul | 842257   | 3                     | 14.625 | 326093 | 20.0 |
| Ethyl [(dipheny... | 15.835 | 14.5    | ng/ul | 236536   | 3                     | 14.625 | 326093 | 20.0 |
| 6H-Dibenzo[b,d]... | 16.111 | 10.7    | ng/ul | 237826   | 4                     | 17.380 | 444212 | 20.0 |
| Naphtho[1,2-b]t... | 17.192 | 9.5     | ng/ul | 211723   | 4                     | 17.380 | 444212 | 20.0 |
| Benzo[h]quinoline  | 17.574 | 16.4    | ng/ul | 364247   | 4                     | 17.380 | 444212 | 20.0 |
| 5H-Indeno[1,2-b... | 17.897 | 14.2    | ng/ul | 314566   | 4                     | 17.380 | 444212 | 20.0 |
| 1-Methylcarbazole  | 18.303 | 25.1    | ng/ul | 557481   | 4                     | 17.380 | 444212 | 20.0 |
| 4H-Cyclopenta[d... | 18.450 | 5.2     | ng/ul | 116460   | 4                     | 17.380 | 444212 | 20.0 |
| 9H-Carbazole, 9... | 18.561 | 14.1    | ng/ul | 313633   | 4                     | 17.380 | 444212 | 20.0 |
| 4-Methylcarbazole  | 18.602 | 8.2     | ng/ul | 182754   | 4                     | 17.380 | 444212 | 20.0 |
| 3-Methylcarbazole  | 18.696 | 9.8     | ng/ul | 218118   | 4                     | 17.380 | 444212 | 20.0 |
| 4H-Benzo[def]ca... | 20.171 | 7.8     | ng/ul | 149007   | 5                     | 21.651 | 381368 | 20.0 |