

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
 Data File : BP014475.D  
 Acq On : 01 Apr 2023 09:25  
 Operator : CG/JU  
 Sample : 02158-06  
 Misc :  
 ALS Vial : 85 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PMW-5(20230329)

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\_P\Methods\SFAM-EPA-BP032823.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP014475.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.352       | 22            | 28          | 49           | rVB      | 2995498        | 4816280       | 3.95%           | 0.984%        |
| 2         | 3.640       | 73            | 77          | 86           | rVB2     | 92484          | 154762        | 0.13%           | 0.032%        |
| 3         | 3.828       | 107           | 109         | 128          | rBV      | 218308         | 393978        | 0.32%           | 0.080%        |
| 4         | 4.152       | 156           | 164         | 187          | rVV2     | 32827966       | 62720786      | 51.38%          | 12.811%       |
| 5         | 4.687       | 247           | 255         | 271          | rBV      | 27246027       | 45471656      | 37.25%          | 9.288%        |
| 6         | 5.104       | 322           | 326         | 332          | rVV      | 109252         | 167046        | 0.14%           | 0.034%        |
| 7         | 5.293       | 351           | 358         | 372          | rBV      | 3477539        | 5219588       | 4.28%           | 1.066%        |
| 8         | 5.487       | 384           | 391         | 399          | rBV      | 3668943        | 5414381       | 4.44%           | 1.106%        |
| 9         | 5.622       | 406           | 414         | 423          | rBV      | 10028455       | 20414875      | 16.72%          | 4.170%        |
| 10        | 5.693       | 423           | 426         | 437          | rVB2     | 195344         | 287024        | 0.24%           | 0.059%        |
| 11        | 5.993       | 470           | 477         | 488          | rBV      | 4833586        | 7316778       | 5.99%           | 1.494%        |
| 12        | 6.475       | 550           | 559         | 571          | rBV      | 584495         | 875729        | 0.72%           | 0.179%        |
| 13        | 6.969       | 636           | 643         | 652          | rBV      | 862861         | 1275754       | 1.04%           | 0.261%        |
| 14        | 7.081       | 654           | 662         | 667          | rBV      | 2238147        | 3315375       | 2.72%           | 0.677%        |
| 15        | 7.140       | 667           | 672         | 676          | rVV      | 1162341        | 1697790       | 1.39%           | 0.347%        |
| 16        | 7.187       | 676           | 680         | 681          | rVV      | 361398         | 484650        | 0.40%           | 0.099%        |
| 17        | 7.216       | 681           | 685         | 697          | rVB      | 1295969        | 2003131       | 1.64%           | 0.409%        |
| 18        | 7.340       | 697           | 706         | 709          | rBV      | 553086         | 866359        | 0.71%           | 0.177%        |
| 19        | 7.387       | 709           | 714         | 720          | rVB      | 1145013        | 1688566       | 1.38%           | 0.345%        |
| 20        | 7.546       | 732           | 741         | 747          | rBV      | 613819         | 1009275       | 0.83%           | 0.206%        |
| 21        | 7.646       | 752           | 758         | 774          | rVB      | 3366380        | 5214295       | 4.27%           | 1.065%        |
| 22        | 7.898       | 786           | 801         | 813          | rBV      | 5446568        | 8758484       | 7.17%           | 1.789%        |
| 23        | 8.063       | 813           | 829         | 835          | rVV      | 25251047       | 47620039      | 39.01%          | 9.727%        |
| 24        | 8.122       | 835           | 839         | 859          | rVB      | 1385682        | 2215794       | 1.82%           | 0.453%        |
| 25        | 8.369       | 874           | 881         | 889          | rBV      | 8664729        | 15036698      | 12.32%          | 3.071%        |
| 26        | 8.446       | 889           | 894         | 898          | rVV      | 160856         | 247217        | 0.20%           | 0.050%        |
| 27        | 8.493       | 898           | 902         | 907          | rVB2     | 113058         | 181714        | 0.15%           | 0.037%        |
| 28        | 8.551       | 907           | 912         | 917          | rVB2     | 307980         | 455761        | 0.37%           | 0.093%        |
| 29        | 8.645       | 923           | 928         | 934          | rVB      | 536653         | 829633        | 0.68%           | 0.169%        |
| 30        | 8.740       | 939           | 944         | 951          | rVV      | 587964         | 998986        | 0.82%           | 0.204%        |
| 31        | 8.810       | 951           | 956         | 970          | rVB      | 205203         | 359042        | 0.29%           | 0.073%        |
| 32        | 8.963       | 970           | 982         | 986          | rBV      | 401860         | 626384        | 0.51%           | 0.128%        |
| 33        | 9.016       | 986           | 991         | 999          | rVB      | 392055         | 607167        | 0.50%           | 0.124%        |
| 34        | 9.116       | 999           | 1008        | 1014         | rBV      | 874143         | 1361435       | 1.12%           | 0.278%        |
| 35        | 9.193       | 1014          | 1021        | 1029         | rBV3     | 860566         | 1557214       | 1.28%           | 0.318%        |
| 36        | 9.334       | 1038          | 1045        | 1059         | rBV2     | 245277         | 512598        | 0.42%           | 0.105%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
 Data File : BP014475.D  
 Acq On : 01 Apr 2023 09:25  
 Operator : CG/JU  
 Sample : 02158-06  
 Misc :  
 ALS Vial : 85 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PMW-5(20230329)

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\_P\Methods\SFAM-EPA-BP032823.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |          |           |         |         |
|----|--------|------|------|------|------|----------|-----------|---------|---------|
| 37 | 9.451  | 1059 | 1065 | 1071 | rBV  | 297308   | 473102    | 0.39%   | 0.097%  |
| 38 | 9.645  | 1092 | 1098 | 1103 | rBV  | 522278   | 820634    | 0.67%   | 0.168%  |
| 39 | 9.704  | 1103 | 1108 | 1127 | rVB  | 825629   | 1340884   | 1.10%   | 0.274%  |
| 40 | 9.916  | 1136 | 1144 | 1149 | rBV  | 592092   | 1092392   | 0.89%   | 0.223%  |
| 41 | 9.969  | 1149 | 1153 | 1159 | rVB  | 422728   | 676326    | 0.55%   | 0.138%  |
| 42 | 10.075 | 1165 | 1171 | 1183 | rVB  | 344563   | 591445    | 0.48%   | 0.121%  |
| 43 | 10.228 | 1183 | 1197 | 1205 | rBV3 | 749818   | 1704433   | 1.40%   | 0.348%  |
| 44 | 10.487 | 1232 | 1241 | 1249 | rBV  | 781919   | 1640098   | 1.34%   | 0.335%  |
| 45 | 10.734 | 1267 | 1283 | 1287 | rBV  | 33767650 | 122082179 | 100.00% | 24.936% |
| 46 | 10.869 | 1300 | 1306 | 1309 | rBV  | 1114882  | 1592000   | 1.30%   | 0.325%  |
| 47 | 10.910 | 1309 | 1313 | 1321 | rVB  | 2287763  | 3465936   | 2.84%   | 0.708%  |
| 48 | 10.992 | 1321 | 1327 | 1335 | rBV  | 584976   | 1068547   | 0.88%   | 0.218%  |
| 49 | 11.257 | 1358 | 1372 | 1377 | rBV  | 29948453 | 66508201  | 54.48%  | 13.585% |
| 50 | 12.857 | 1633 | 1644 | 1648 | rBV  | 184089   | 399397    | 0.33%   | 0.082%  |
| 51 | 12.910 | 1648 | 1653 | 1658 | rVV  | 866887   | 1275436   | 1.04%   | 0.261%  |
| 52 | 13.192 | 1696 | 1701 | 1710 | rVB  | 136444   | 244848    | 0.20%   | 0.050%  |
| 53 | 13.322 | 1718 | 1723 | 1729 | rBV  | 91263    | 149635    | 0.12%   | 0.031%  |
| 54 | 13.463 | 1741 | 1747 | 1751 | rBV2 | 159018   | 255331    | 0.21%   | 0.052%  |
| 55 | 13.504 | 1751 | 1754 | 1759 | rVB  | 134321   | 194184    | 0.16%   | 0.040%  |
| 56 | 14.069 | 1845 | 1850 | 1863 | rVB  | 1759938  | 2429698   | 1.99%   | 0.496%  |
| 57 | 14.181 | 1864 | 1869 | 1875 | rVV3 | 92856    | 129673    | 0.11%   | 0.026%  |
| 58 | 14.304 | 1886 | 1890 | 1894 | rBV  | 144724   | 195711    | 0.16%   | 0.040%  |
| 59 | 14.357 | 1894 | 1899 | 1908 | rVB  | 1889596  | 2806864   | 2.30%   | 0.573%  |
| 60 | 14.663 | 1945 | 1951 | 1959 | rBV  | 1577998  | 2330303   | 1.91%   | 0.476%  |
| 61 | 14.910 | 1988 | 1993 | 2005 | rBV2 | 185507   | 462734    | 0.38%   | 0.095%  |
| 62 | 15.180 | 2035 | 2039 | 2045 | rVB  | 243467   | 334541    | 0.27%   | 0.068%  |
| 63 | 15.657 | 2115 | 2120 | 2127 | rBV  | 2390590  | 3492020   | 2.86%   | 0.713%  |
| 64 | 15.786 | 2137 | 2142 | 2150 | rBV  | 684459   | 1022285   | 0.84%   | 0.209%  |
| 65 | 16.192 | 2206 | 2211 | 2214 | rBV2 | 122284   | 152740    | 0.13%   | 0.031%  |
| 66 | 17.427 | 2415 | 2421 | 2431 | rVB  | 1950534  | 2742415   | 2.25%   | 0.560%  |
| 67 | 17.527 | 2432 | 2438 | 2450 | rBV  | 2672891  | 3735438   | 3.06%   | 0.763%  |
| 68 | 18.292 | 2564 | 2568 | 2575 | rBV  | 166312   | 250674    | 0.21%   | 0.051%  |
| 69 | 19.757 | 2811 | 2817 | 2822 | rBV  | 3102330  | 3984252   | 3.26%   | 0.814%  |
| 70 | 20.892 | 3007 | 3010 | 3020 | rBV  | 152015   | 219210    | 0.18%   | 0.045%  |
| 71 | 21.192 | 3058 | 3061 | 3069 | rVB3 | 155441   | 212701    | 0.17%   | 0.043%  |
| 72 | 21.515 | 3111 | 3116 | 3122 | rBV  | 1710385  | 2301315   | 1.89%   | 0.470%  |
| 73 | 23.868 | 3510 | 3516 | 3525 | rVB2 | 1441244  | 2998057   | 2.46%   | 0.612%  |
| 74 | 24.033 | 3538 | 3544 | 3554 | rVB2 | 960535   | 2031858   | 1.66%   | 0.415%  |

Sum of corrected areas: 489583741

**Instrument :**

BNA\_P

**ClientSampleId :**

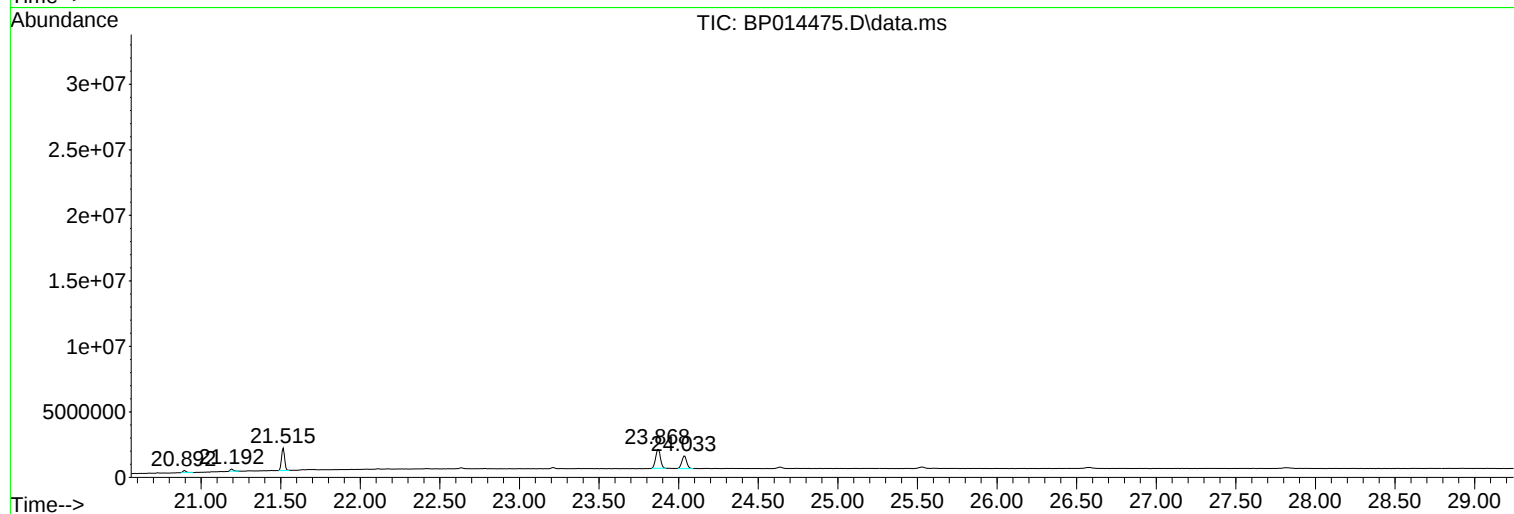
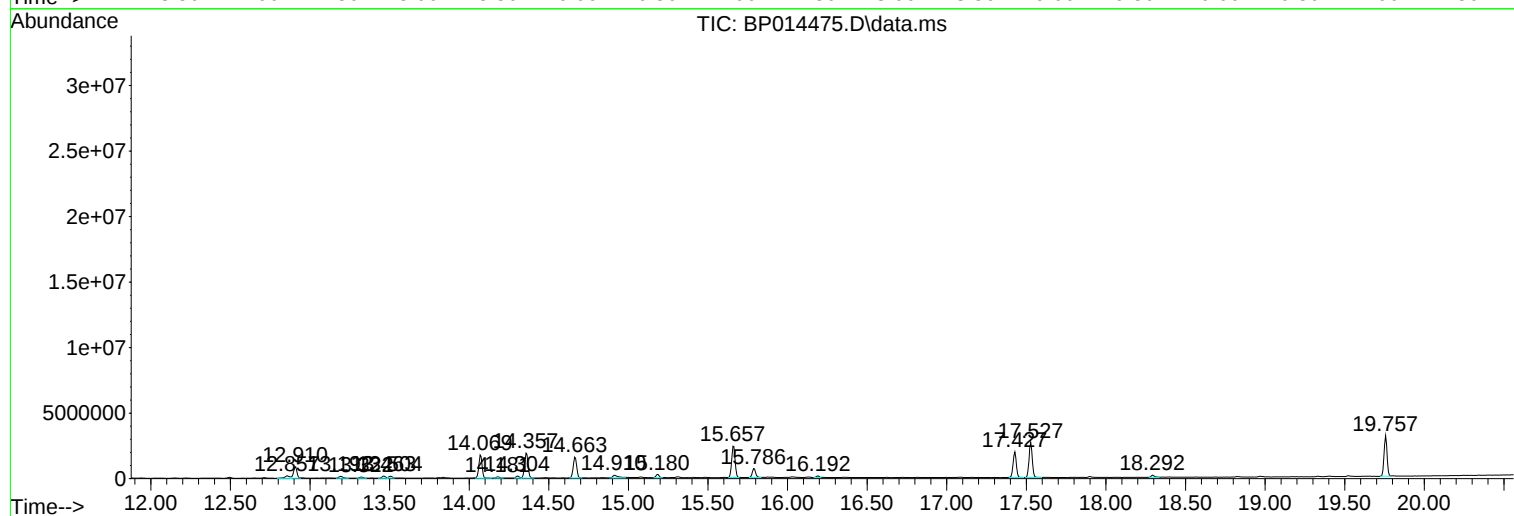
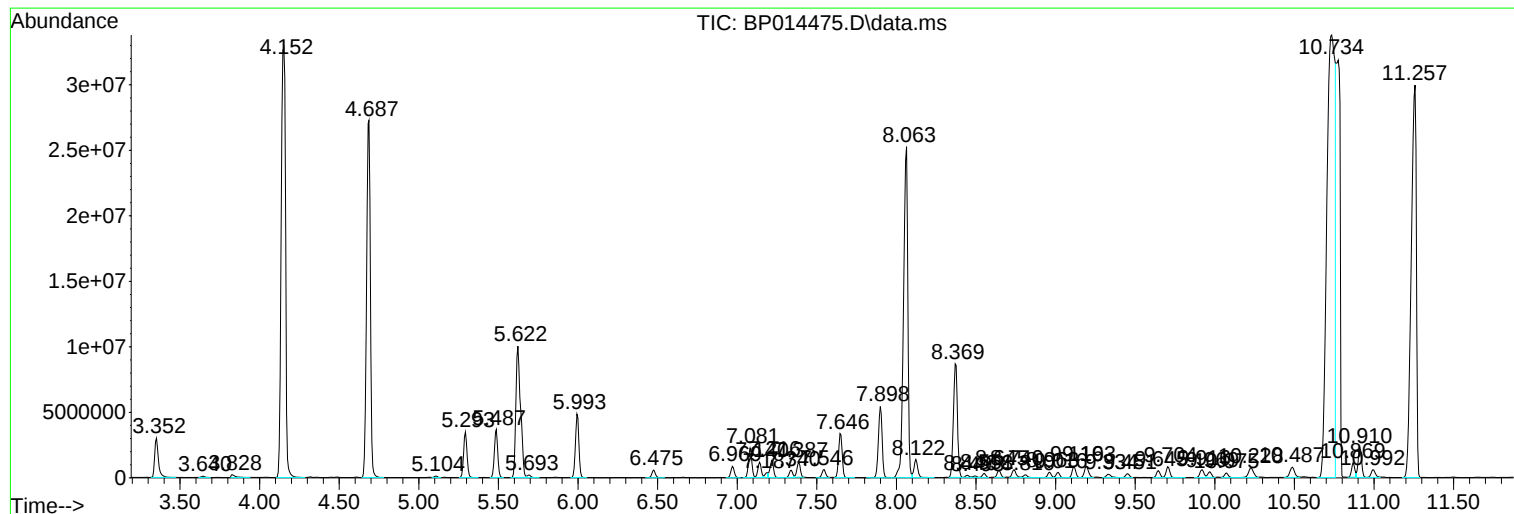
PMW-5(20230329)

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

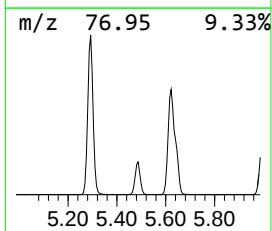
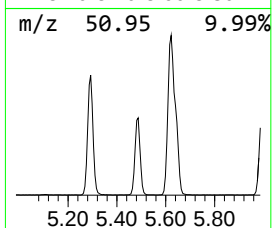
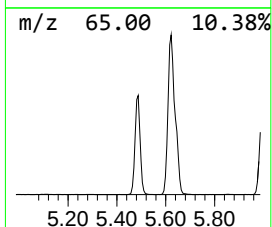
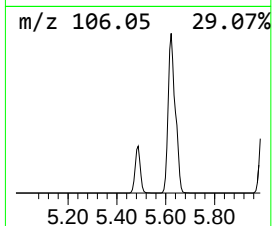
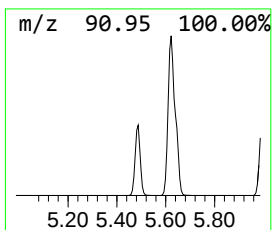
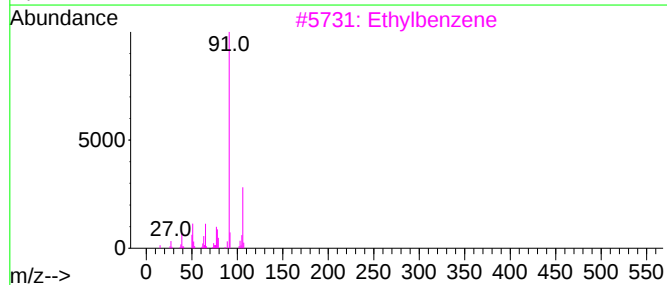
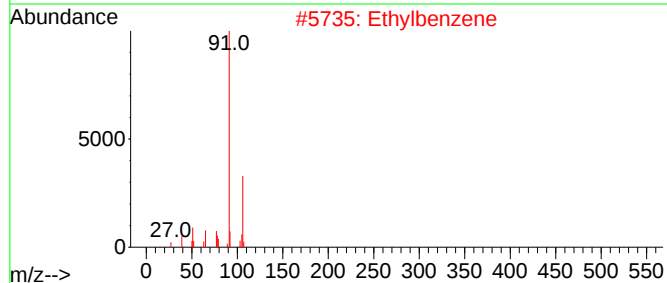
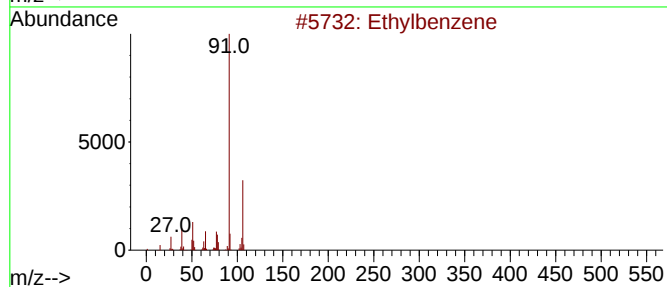
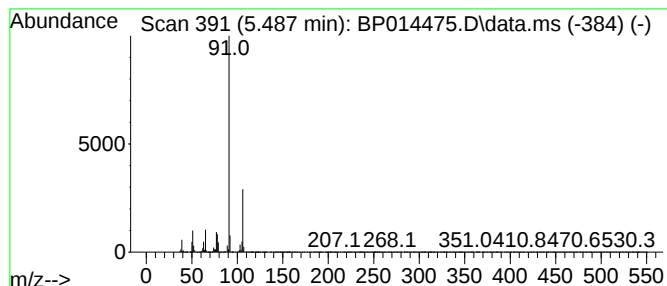
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Ethylbenzene Concentration Rank 18

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 5.487 | 2.27 ng/ul | 5414380 | 1,4-Dichlorobenzene-d4 | 8.016 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Ethylbenzene | 106 | C8H10   | 000100-41-4 | 94   |
| 2    |    |   | Ethylbenzene | 106 | C8H10   | 000100-41-4 | 91   |
| 3    |    |   | Ethylbenzene | 106 | C8H10   | 000100-41-4 | 91   |
| 4    |    |   | Ethylbenzene | 106 | C8H10   | 000100-41-4 | 91   |
| 5    |    |   | Ethylbenzene | 106 | C8H10   | 000100-41-4 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

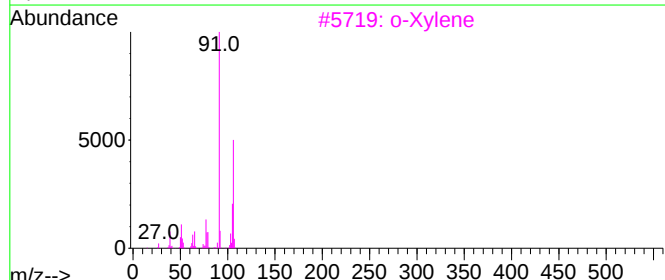
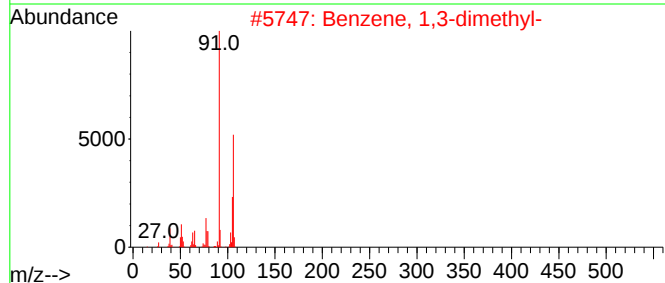
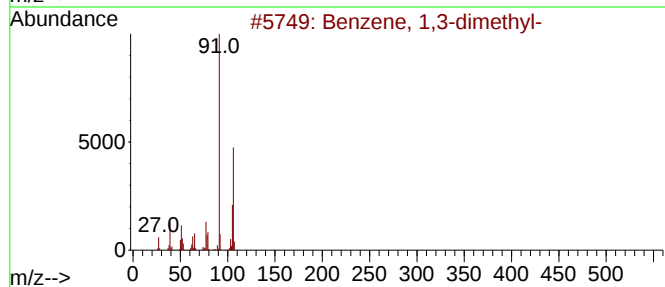
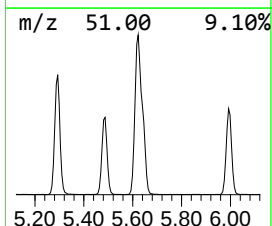
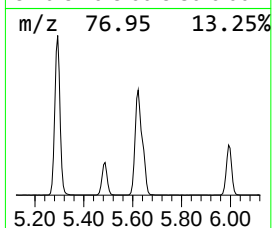
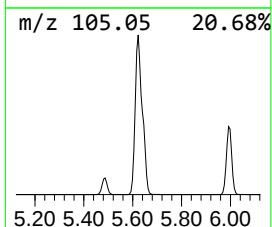
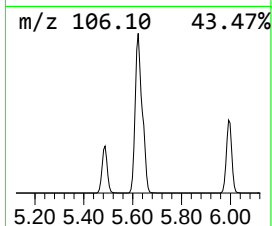
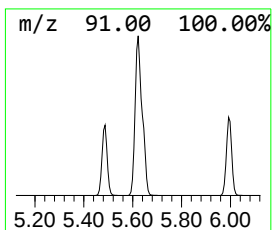
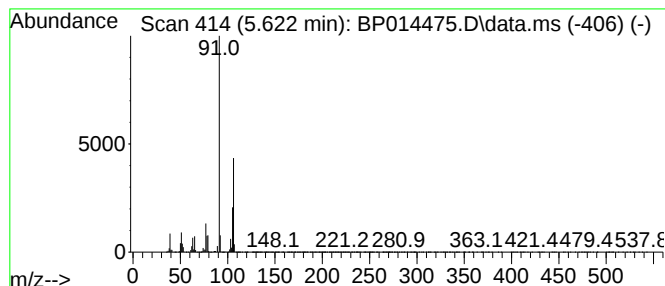
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 9

| R.T.  | EstConc    | Area     | Relative to ISTD       | R.T.  |
|-------|------------|----------|------------------------|-------|
| 5.622 | 8.57 ng/ul | 20414900 | 1,4-Dichlorobenzene-d4 | 8.016 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 97   |
| 2    |    |   | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 97   |
| 3    |    |   | o-Xylene               | 106 | C8H10   | 000095-47-6 | 97   |
| 4    |    |   | p-Xylene               | 106 | C8H10   | 000106-42-3 | 97   |
| 5    |    |   | p-Xylene               | 106 | C8H10   | 000106-42-3 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

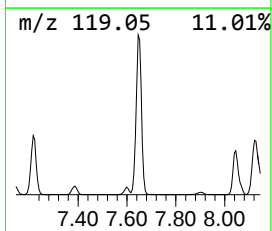
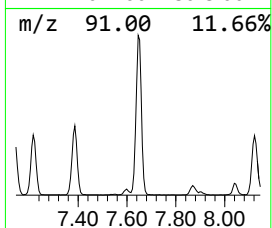
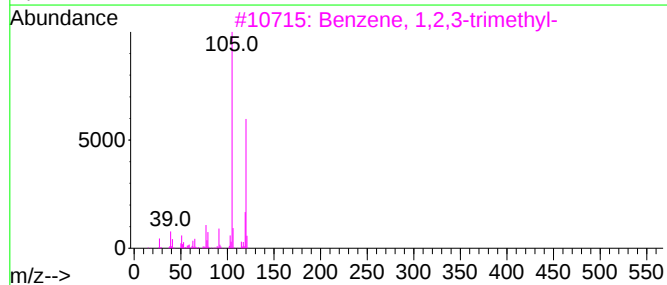
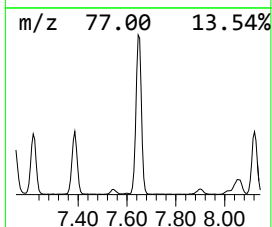
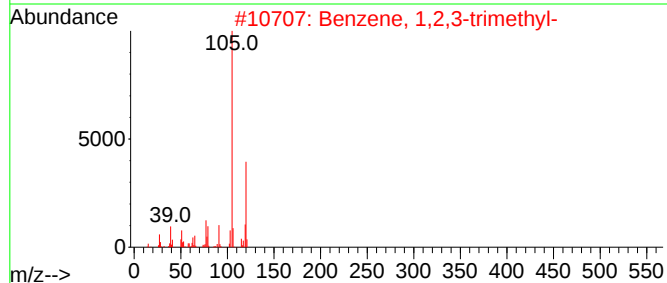
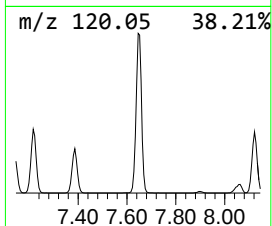
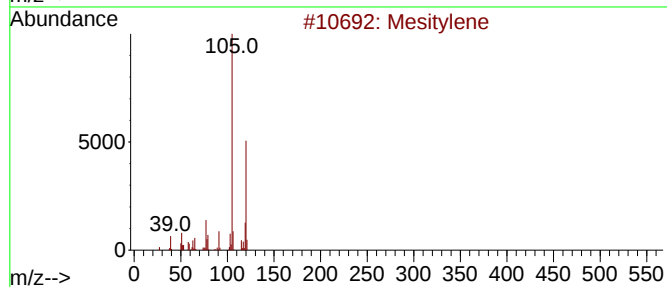
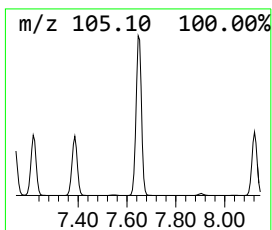
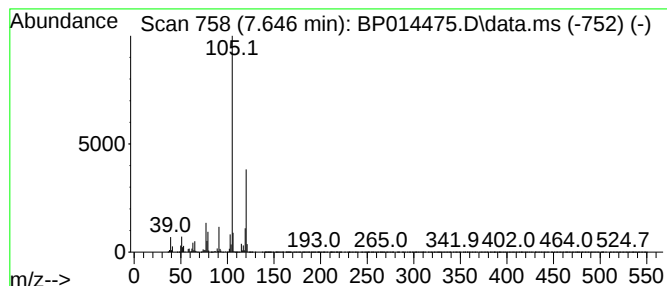
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 Mesitylene Concentration Rank 21

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 7.646 | 2.19 ng/ul | 5214300 | 1,4-Dichlorobenzene-d4 | 8.016 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 97   |
| 2    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 97   |
| 3    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 94   |
| 4    |    |   | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 94   |
| 5    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

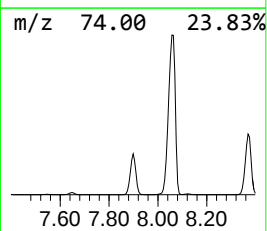
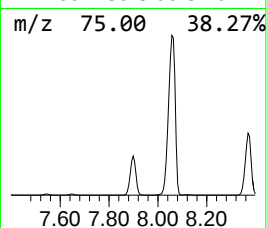
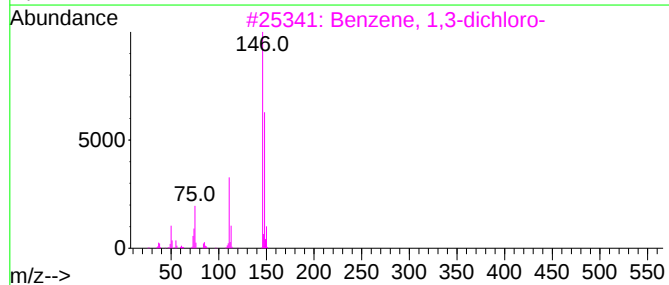
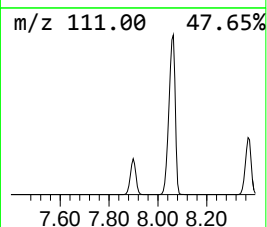
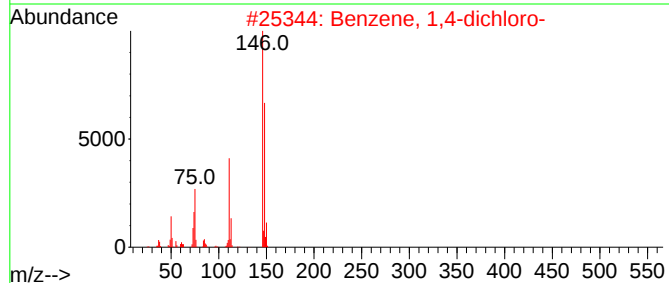
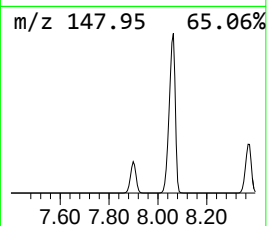
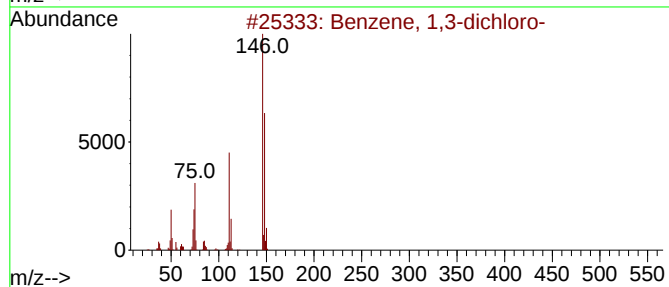
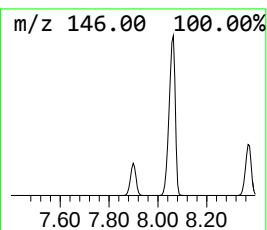
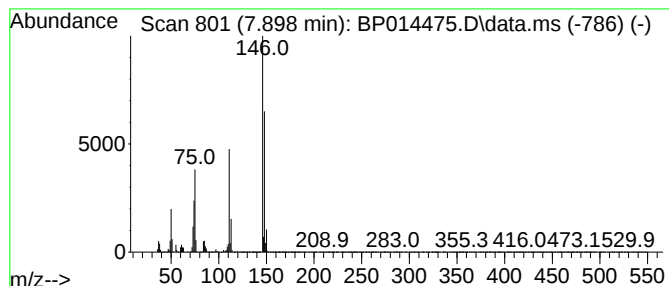
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Benzene, 1,3-dichloro- Concentration Rank 14

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 7.898 | 3.68 ng/ul | 8758480 | 1,4-Dichlorobenzene-d4 | 8.016 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 98   |
| 2    |    |   | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 97   |
| 3    |    |   | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 97   |
| 4    |    |   | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 97   |
| 5    |    |   | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 97   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

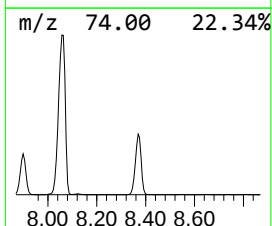
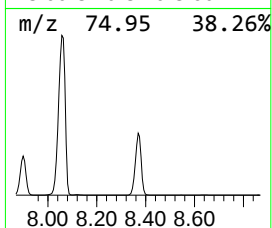
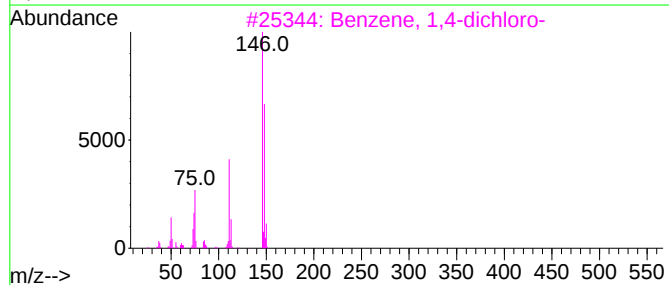
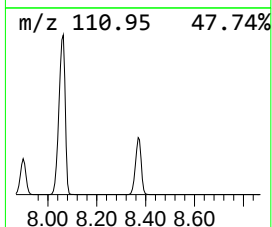
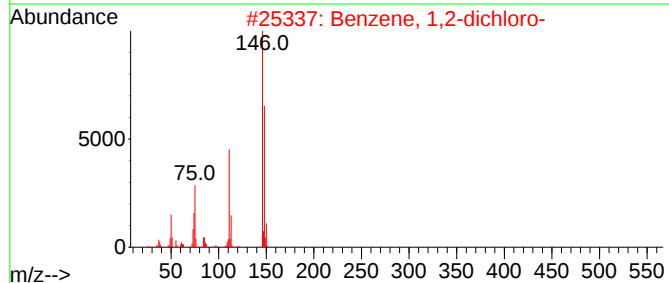
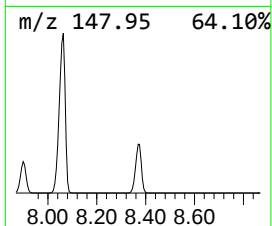
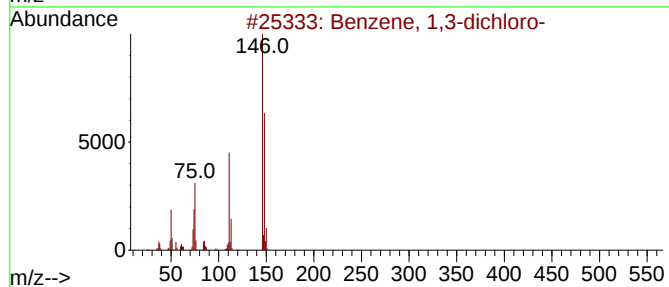
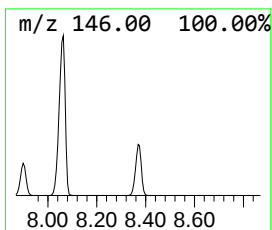
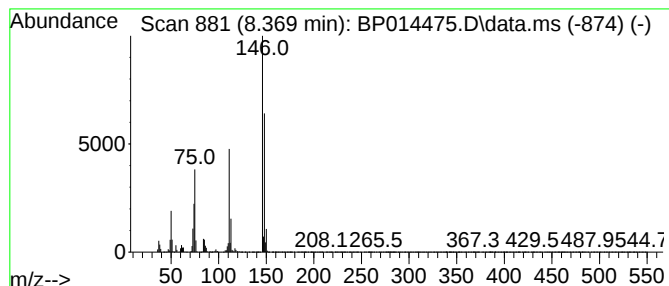
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Benzene, 1,2-dichloro- Concentration Rank 12

| R.T.  | EstConc    | Area     | Relative to ISTD       | R.T.  |
|-------|------------|----------|------------------------|-------|
| 8.369 | 6.32 ng/ul | 15036700 | 1,4-Dichlorobenzene-d4 | 8.016 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 98   |
| 2    |    |   | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 98   |
| 3    |    |   | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 97   |
| 4    |    |   | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 97   |
| 5    |    |   | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

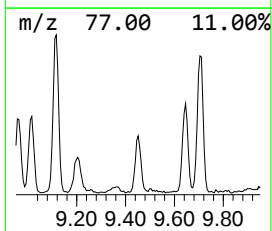
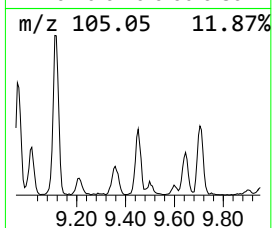
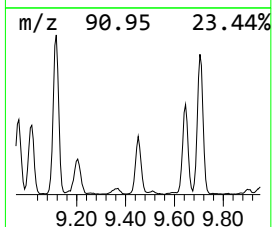
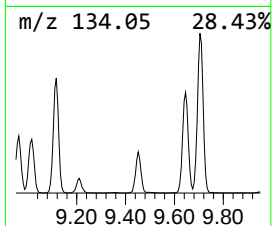
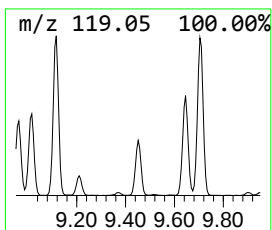
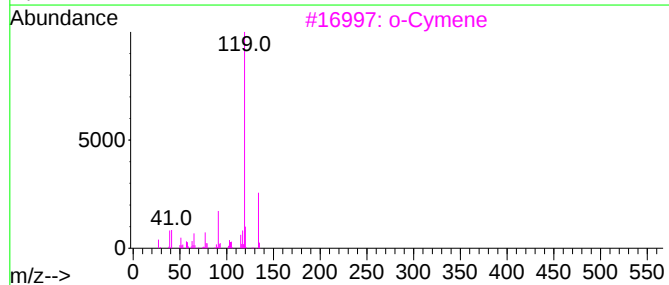
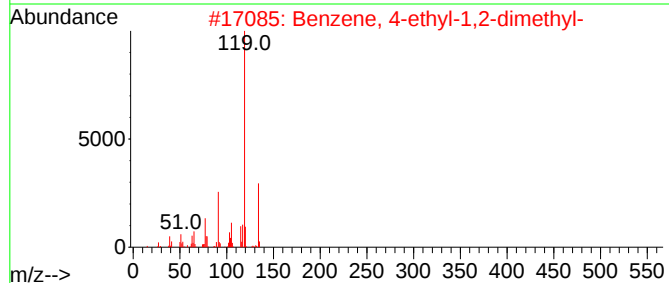
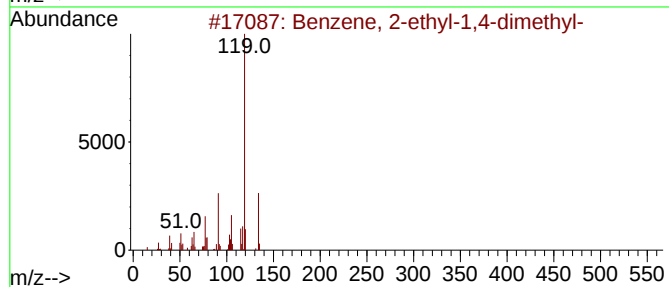
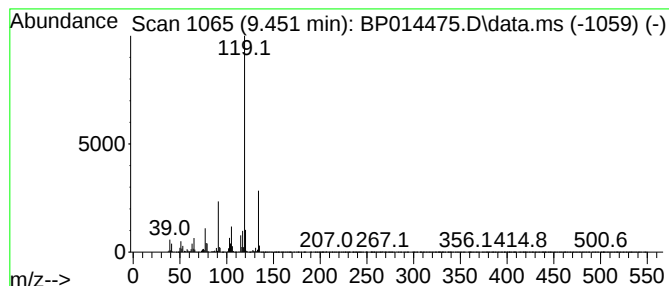
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.451 | 5.94 ng/ul | 473102 | Naphthalene-d8   | 10.869 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 96   |
| 2    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 96   |
| 3    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 4    |    |   | p-Cymene                       | 134 | C10H14  | 000099-87-6 | 95   |
| 5    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

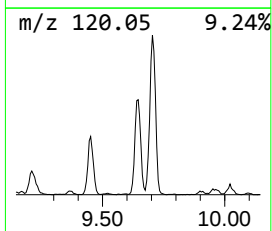
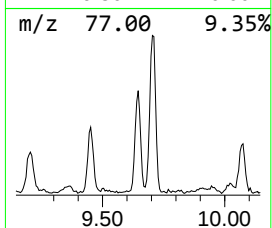
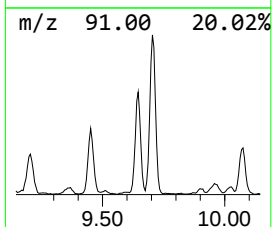
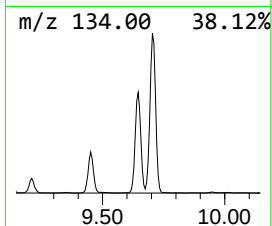
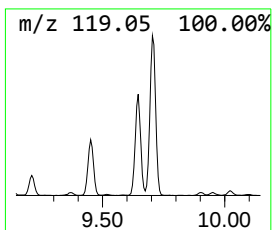
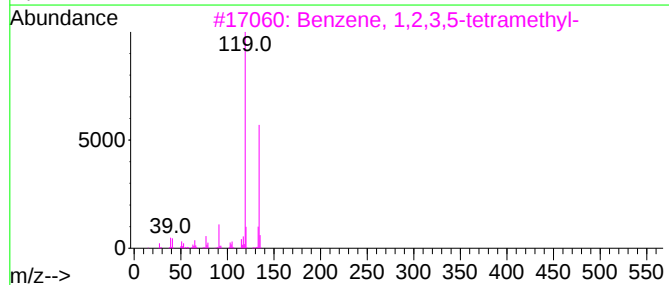
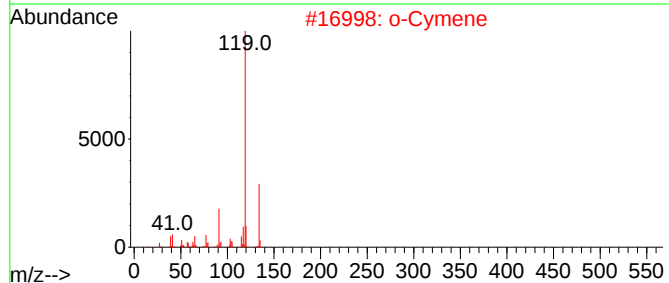
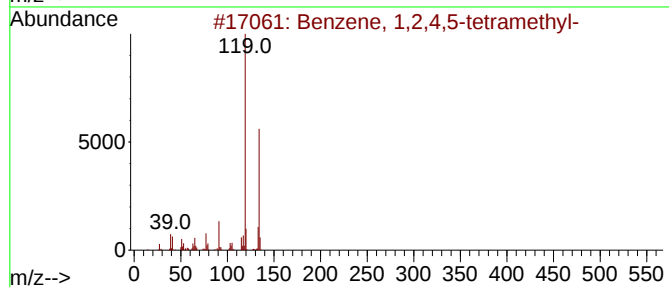
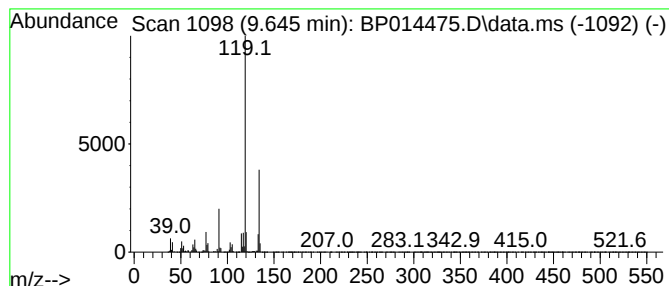
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

| R.T.  | EstConc     | Area   | Relative to ISTD | R.T.   |
|-------|-------------|--------|------------------|--------|
| 9.645 | 10.31 ng/ul | 820634 | Naphthalene-d8   | 10.869 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 95   |
| 2    |    |   | o-Cymene                      | 134 | C10H14  | 000527-84-4 | 95   |
| 3    |    |   | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14  | 000527-53-7 | 95   |
| 4    |    |   | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14  | 000488-23-3 | 95   |
| 5    |    |   | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

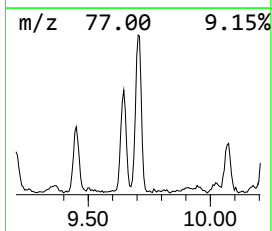
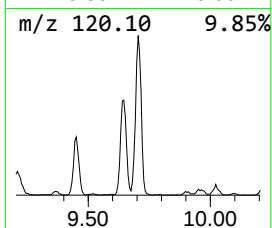
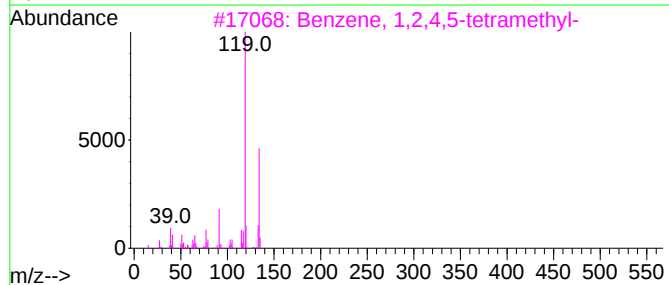
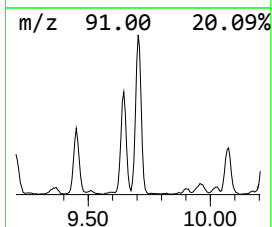
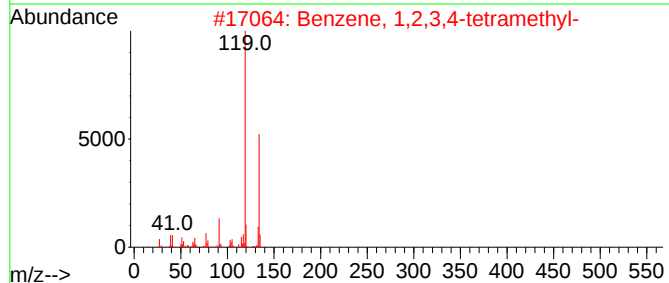
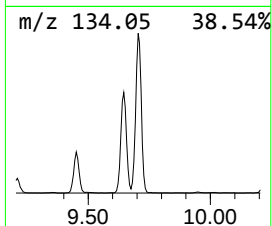
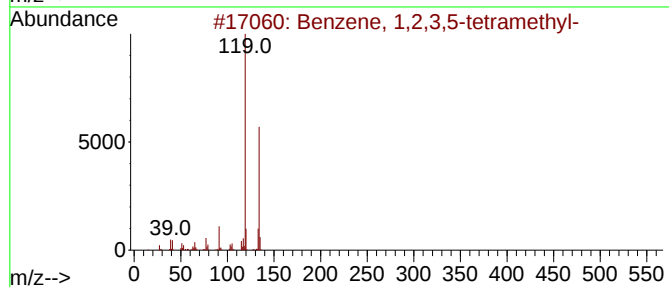
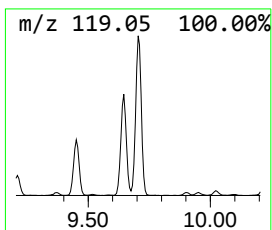
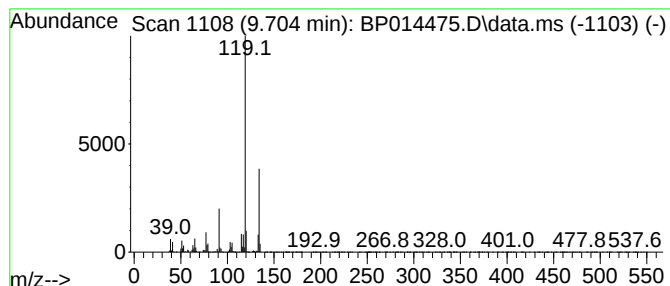
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.   |
|-------|-------------|---------|------------------|--------|
| 9.704 | 16.85 ng/ul | 1340880 | Naphthalene-d8   | 10.869 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14  | 000527-53-7 | 96   |
| 2    |    |   | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14  | 000488-23-3 | 96   |
| 3    |    |   | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 95   |
| 4    |    |   | o-Cymene                      | 134 | C10H14  | 000527-84-4 | 95   |
| 5    |    |   | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14  | 000488-23-3 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

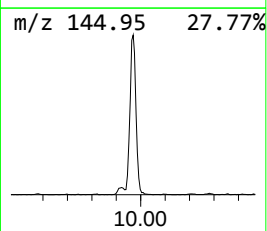
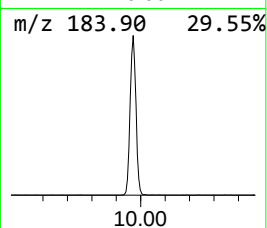
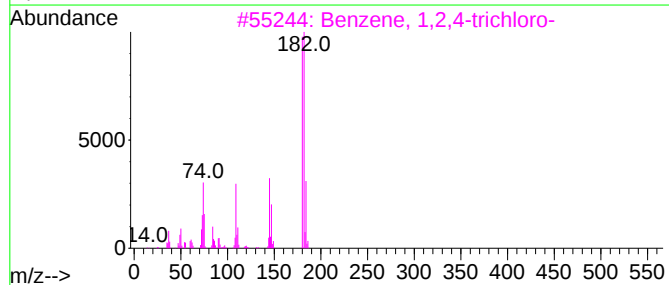
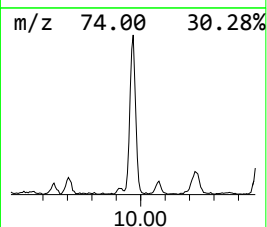
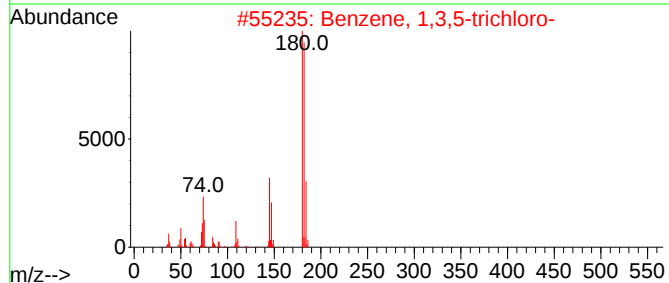
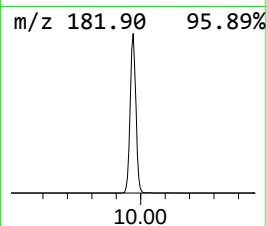
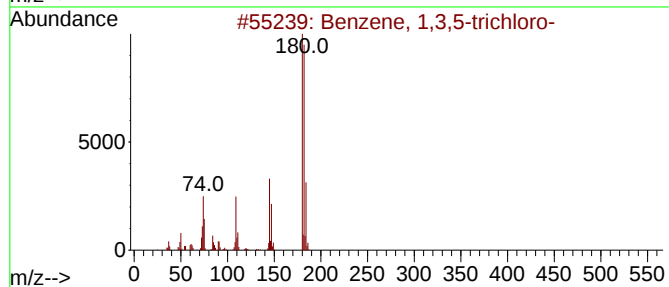
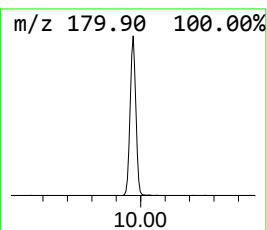
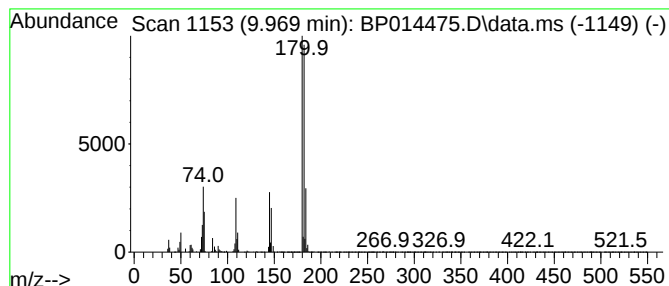
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 13 Benzene, 1,3,5-trichloro- Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.969 | 8.50 ng/ul | 676326 | Naphthalene-d8   | 10.869 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 97   |
| 2    |    |   | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 96   |
| 3    |    |   | Benzene, 1,2,4-trichloro- | 180 | C6H3Cl3 | 000120-82-1 | 95   |
| 4    |    |   | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 94   |
| 5    |    |   | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

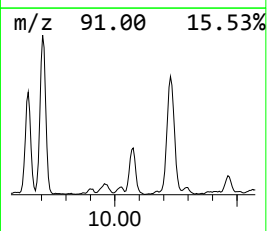
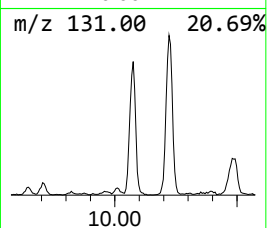
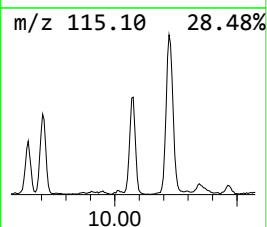
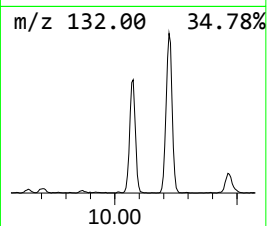
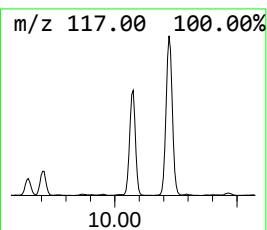
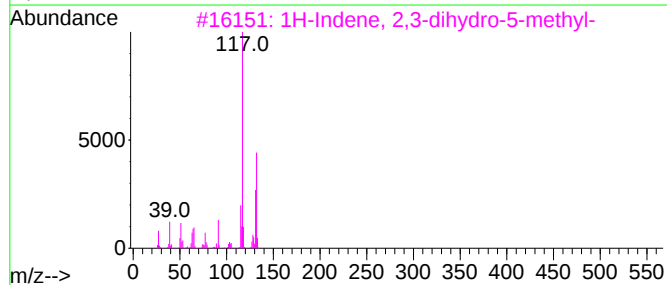
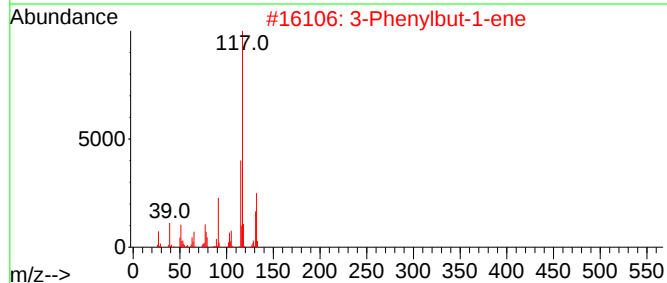
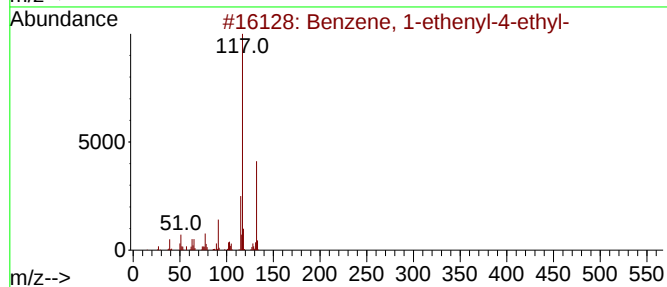
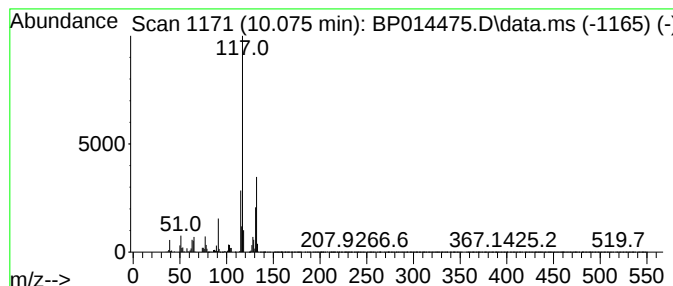
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 14 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.075 | 7.43 ng/ul | 591445 | Naphthalene-d8   | 10.869 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethenyl-4-ethyl-      | 132 | C10H12  | 003454-07-7 | 94   |
| 2    |    |   | 3-Phenylbut-1-ene                | 132 | C10H12  | 000934-10-1 | 91   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12  | 000874-35-1 | 91   |
| 4    |    |   | Benzene, 1-ethenyl-3-ethyl-      | 132 | C10H12  | 007525-62-4 | 87   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

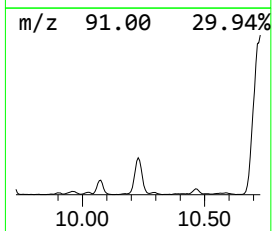
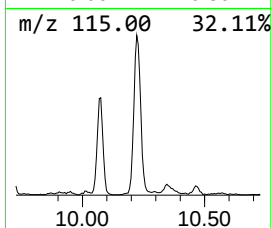
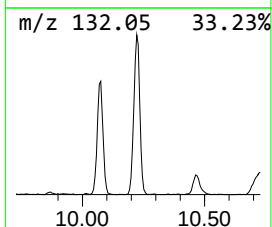
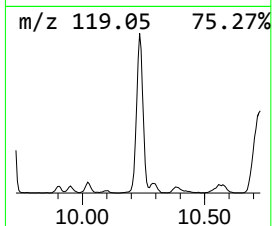
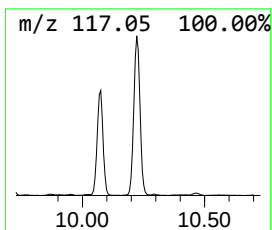
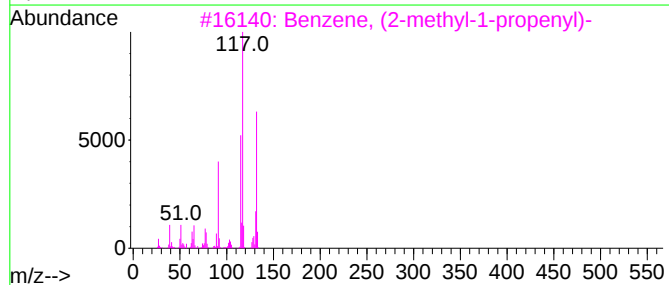
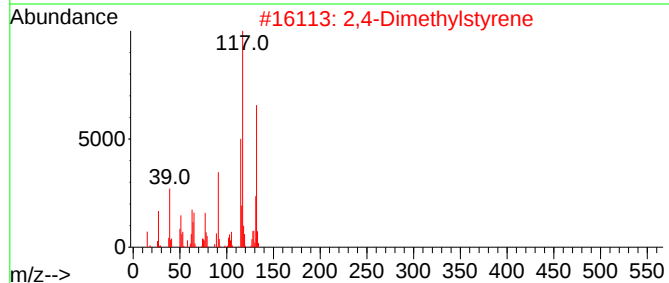
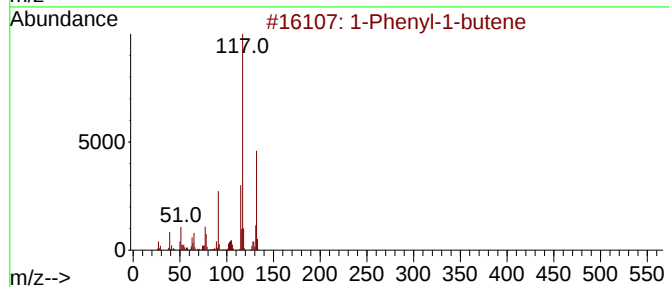
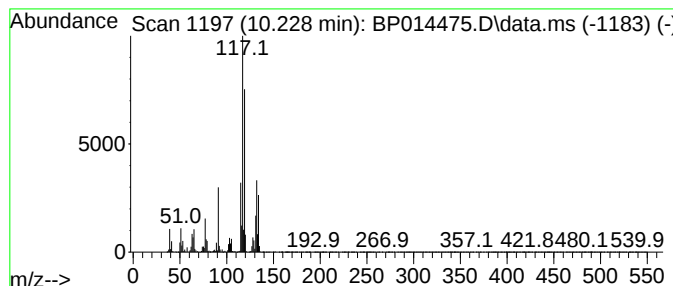
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 15 1-Phenyl-1-butene Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 10.228 | 21.41 ng/ul | 1704430 | Naphthalene-d8   | 10.869 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Phenyl-1-butene                 | 132 | C10H12  | 000824-90-8 | 90   |
| 2    |    |   | 2,4-Dimethylstyrene               | 132 | C10H12  | 002234-20-0 | 86   |
| 3    |    |   | Benzene, (2-methyl-1-propenyl)-   | 132 | C10H12  | 000768-49-0 | 83   |
| 4    |    |   | Benzene, 2-ethenyl-1,3-dimethyl-  | 132 | C10H12  | 002039-90-9 | 78   |
| 5    |    |   | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12  | 003333-13-9 | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

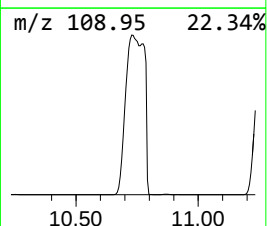
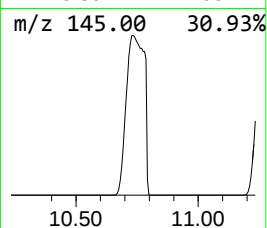
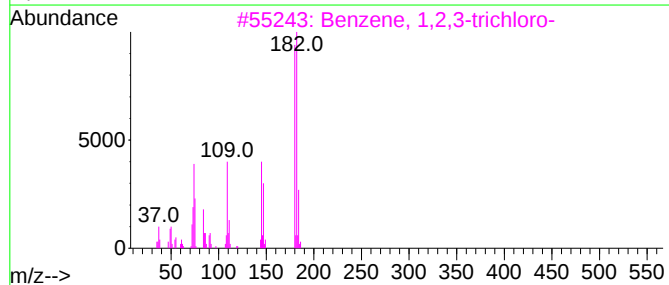
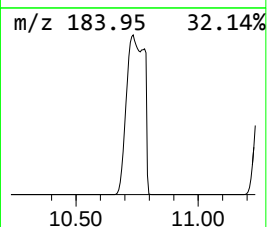
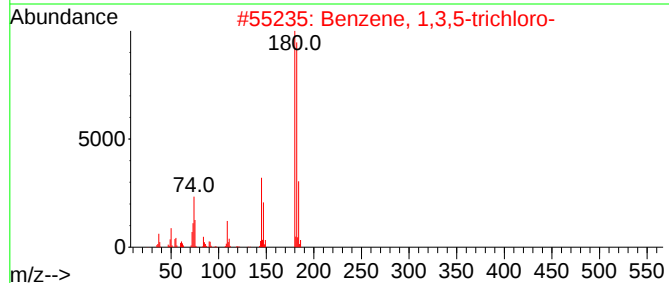
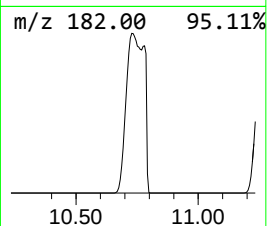
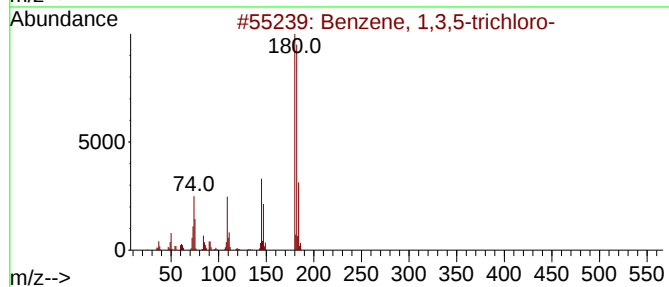
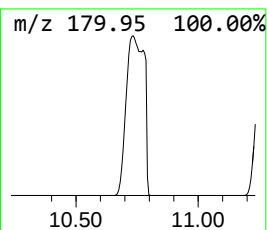
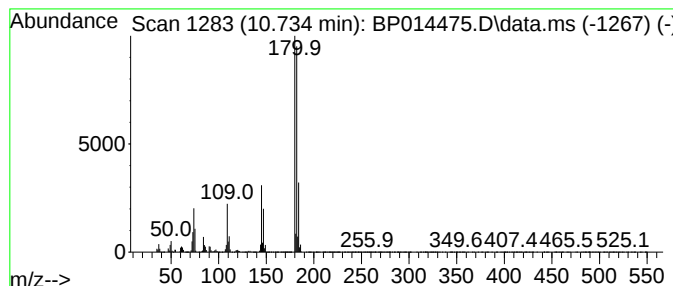
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 16 Benzene, 1,2,3-trichloro- Concentration Rank 1

| R.T.   | EstConc       | Area      | Relative to ISTD | R.T.   |
|--------|---------------|-----------|------------------|--------|
| 10.734 | 1533.70 ng/ul | 122082000 | Naphthalene-d8   | 10.869 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98   |
| 2    |    |   | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 97   |
| 3    |    |   | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 97   |
| 4    |    |   | Benzene, 1,2,4-trichloro- | 180 | C6H3Cl3 | 000120-82-1 | 97   |
| 5    |    |   | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 97   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

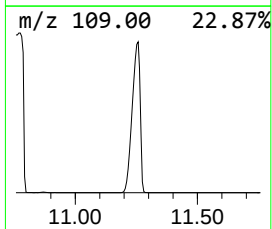
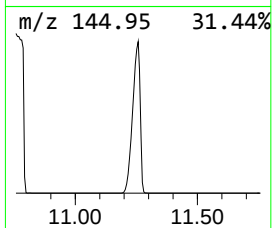
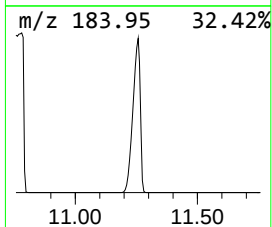
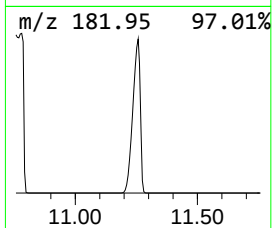
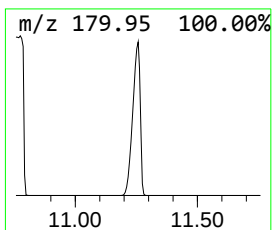
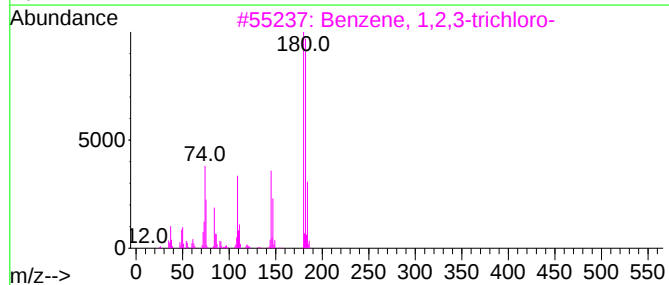
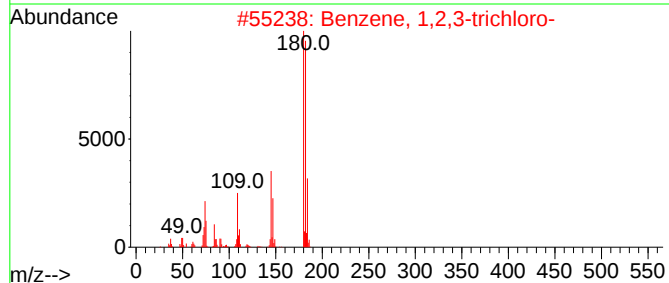
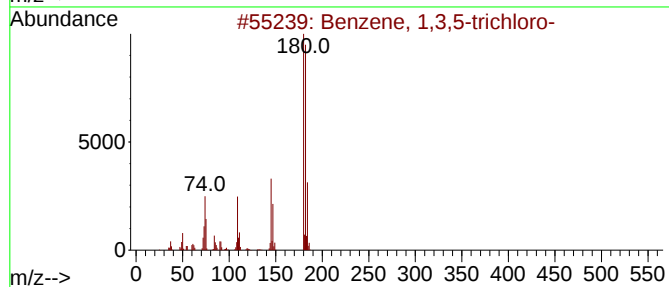
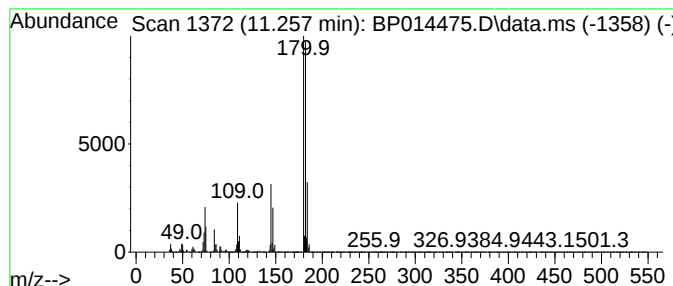
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 17 unknown-01 Concentration Rank 2

| R.T.   | EstConc      | Area     | Relative to ISTD | R.T.   |
|--------|--------------|----------|------------------|--------|
| 11.257 | 835.53 ng/ul | 66508200 | Naphthalene-d8   | 10.869 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98   |
| 2    |    |   | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 98   |
| 3    |    |   | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 97   |
| 4    |    |   | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 96   |
| 5    |    |   | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

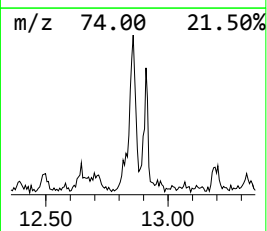
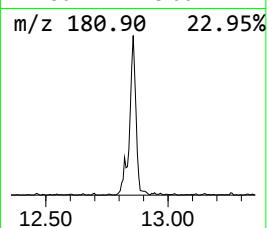
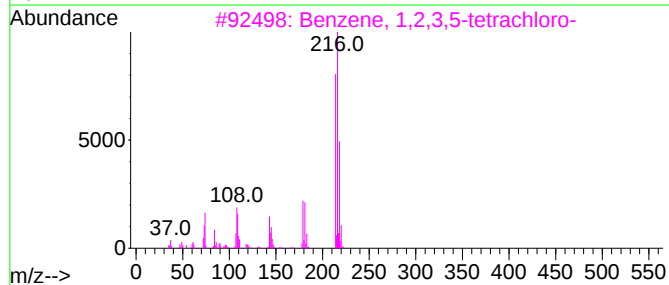
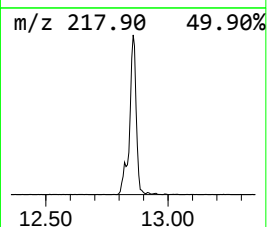
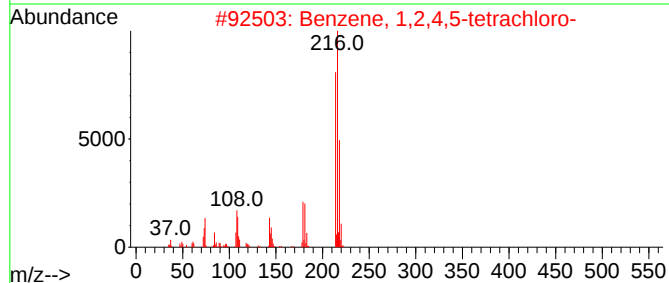
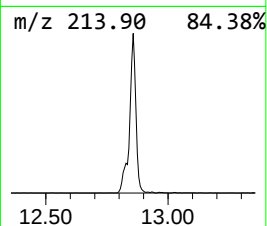
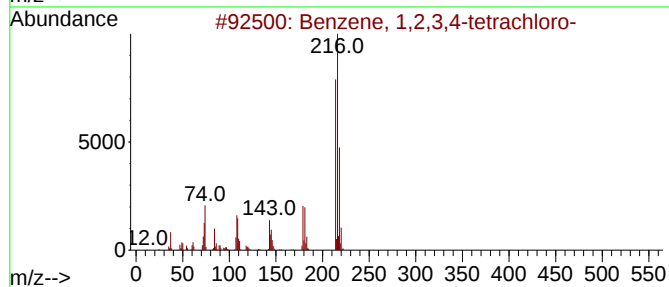
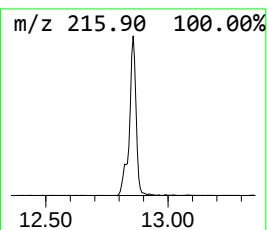
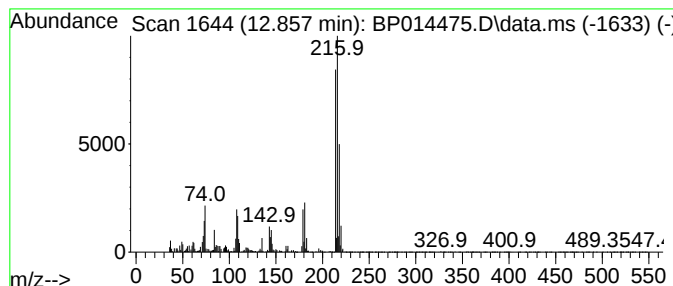
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 18 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 15

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 12.857 | 3.43 ng/ul | 399397 | Acenaphthene-d10 | 14.663 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,4-tetrachloro- | 214 | C6H2Cl4 | 000634-66-2 | 99   |
| 2    |    |   | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 99   |
| 3    |    |   | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 99   |
| 4    |    |   | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 98   |
| 5    |    |   | Benzene, 1,2,3,4-tetrachloro- | 214 | C6H2Cl4 | 000634-66-2 | 98   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

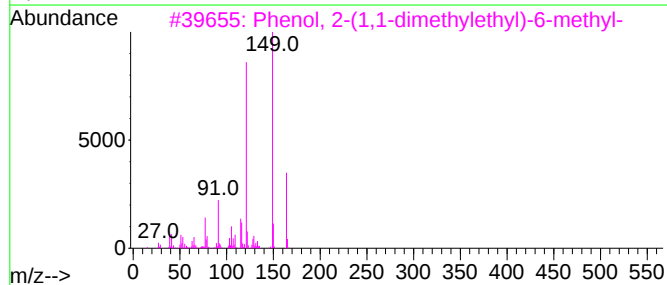
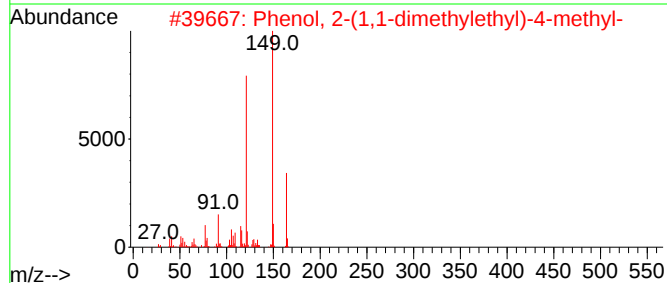
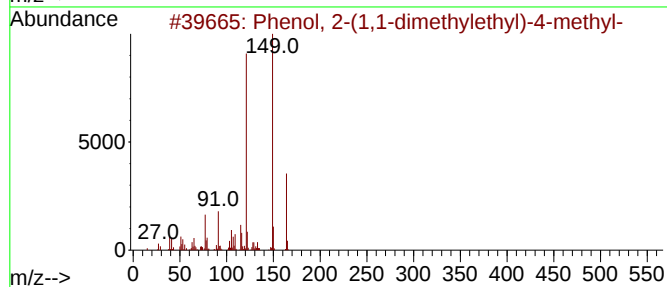
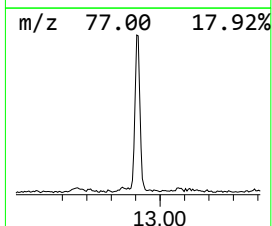
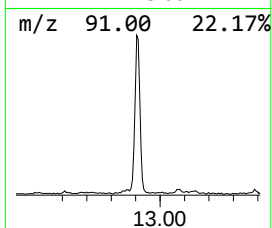
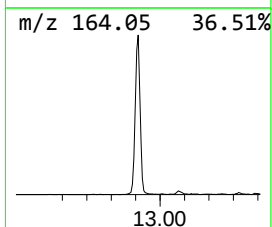
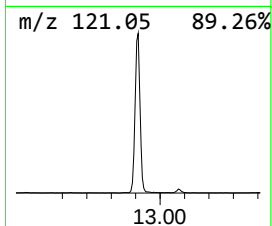
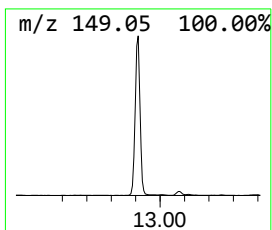
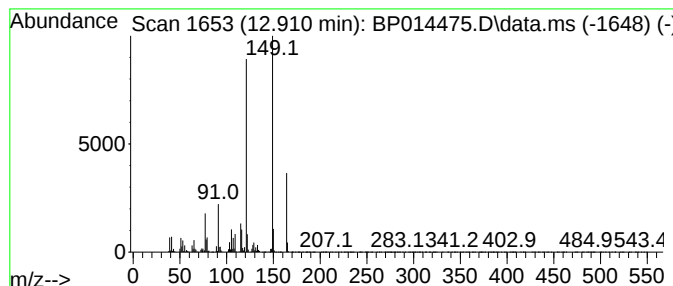
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 19 Phenol, 2-(1,1-dimethylethy... Concentration Rank 7

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 12.910 | 10.95 ng/ul | 1275440 | Acenaphthene-d10 | 14.663 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenol, 2-(1,1-dimethylethyl)-4-... | 164 | C11H16O | 002409-55-4 | 97   |
| 2    |    |   | Phenol, 2-(1,1-dimethylethyl)-4-... | 164 | C11H16O | 002409-55-4 | 97   |
| 3    |    |   | Phenol, 2-(1,1-dimethylethyl)-6-... | 164 | C11H16O | 002219-82-1 | 96   |
| 4    |    |   | Phenol, 2-(1,1-dimethylethyl)-5-... | 164 | C11H16O | 000088-60-8 | 91   |
| 5    |    |   | Phenol, 2-(1,1-dimethylethyl)-6-... | 164 | C11H16O | 002219-82-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

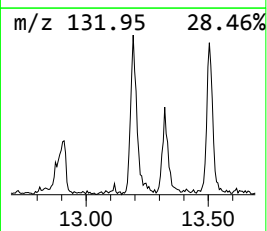
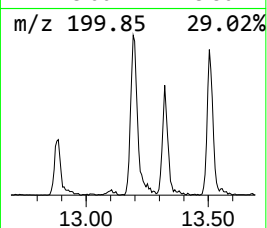
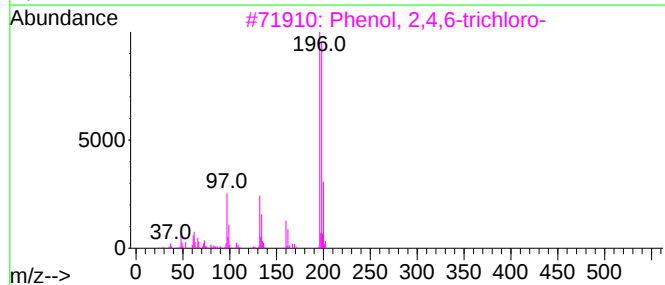
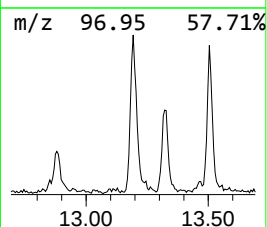
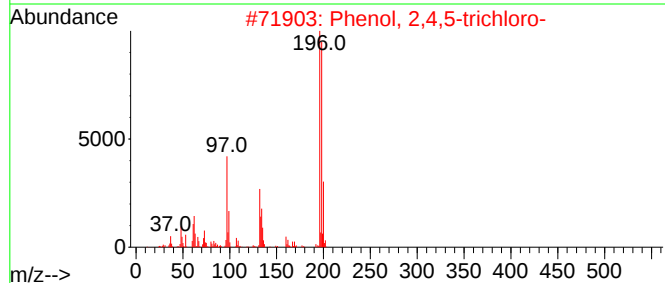
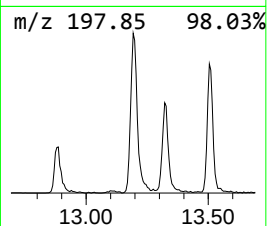
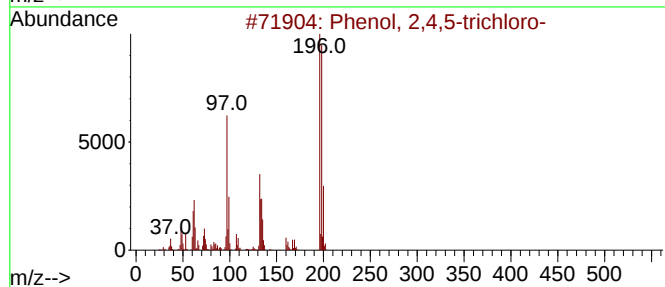
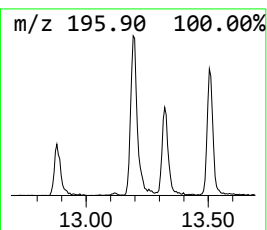
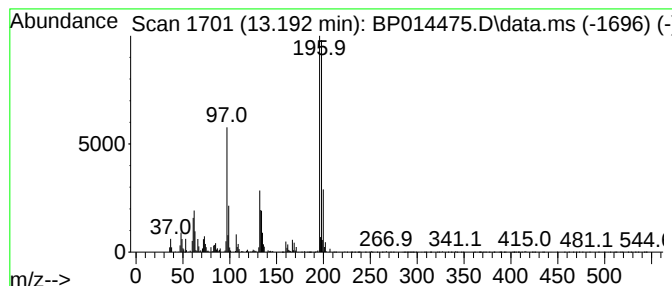
Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 20 Phenol, 2,4,5-trichloro- Concentration Rank 22

| R.T.      | EstConc                  | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|--------------------------|--------|------------------|----------|-------------|------|
| 13.192    | 2.10 ng/ul               | 244848 | Acenaphthene-d10 |          | 14.663      |      |
| Hit# of 5 | Tentative ID             |        | MW               | MolForm  | CAS#        | Qual |
| 1         | Phenol, 2,4,5-trichloro- |        | 196              | C6H3Cl3O | 000095-95-4 | 98   |
| 2         | Phenol, 2,4,5-trichloro- |        | 196              | C6H3Cl3O | 000095-95-4 | 98   |
| 3         | Phenol, 2,4,6-trichloro- |        | 196              | C6H3Cl3O | 000088-06-2 | 93   |
| 4         | Phenol, 2,4,6-trichloro- |        | 196              | C6H3Cl3O | 000088-06-2 | 91   |
| 5         | Phenol, 2,4,5-trichloro- |        | 196              | C6H3Cl3O | 000095-95-4 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

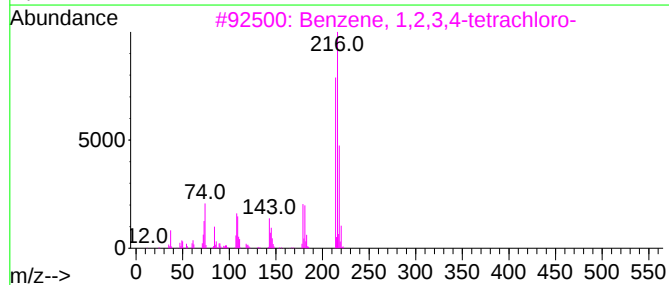
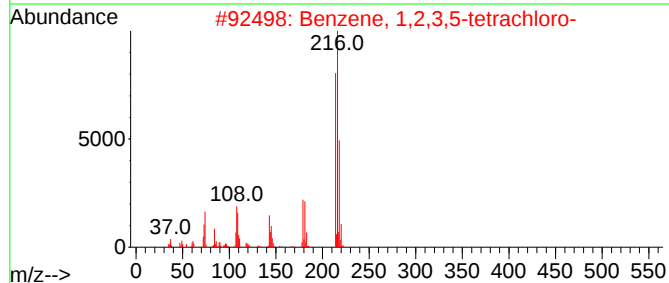
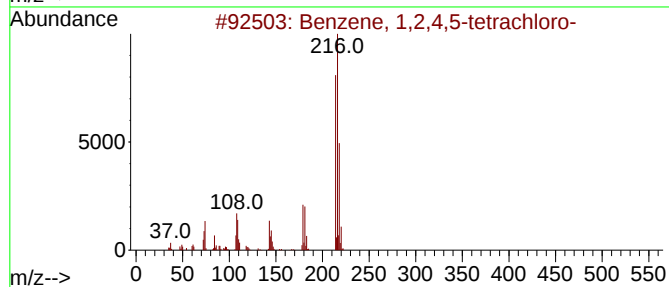
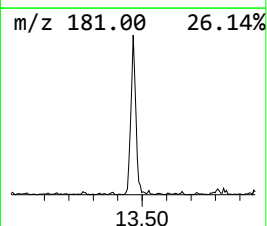
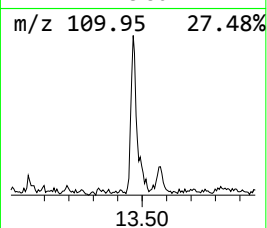
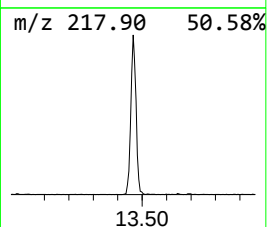
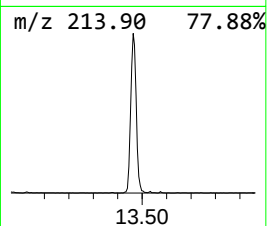
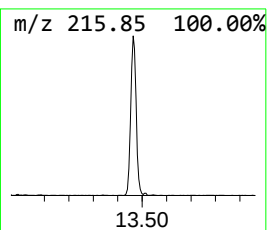
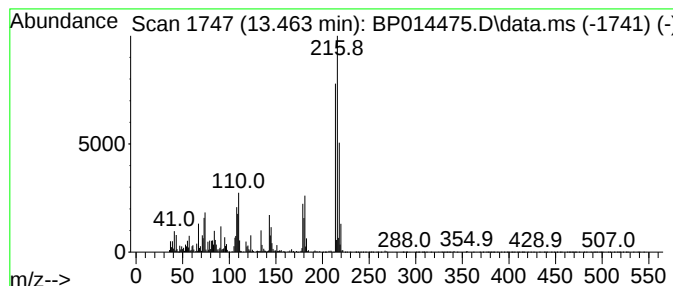
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 21 Benzene, 1,2,4,5-tetrachloro- Concentration Rank 20

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 13.463 | 2.19 ng/ul | 255331 | Acenaphthene-d10 | 14.663 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 99   |
| 2    |    |   | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 98   |
| 3    |    |   | Benzene, 1,2,3,4-tetrachloro- | 214 | C6H2Cl4 | 000634-66-2 | 98   |
| 4    |    |   | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 98   |
| 5    |    |   | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 98   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014475.D  
Acq On : 01 Apr 2023 09:25  
Operator : CG/JU  
Sample : 02158-06  
Misc :  
ALS Vial : 85 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PMW-5(20230329)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION

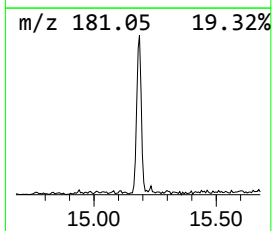
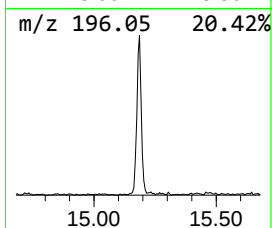
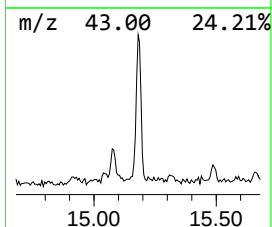
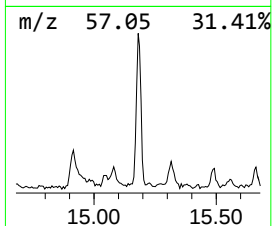
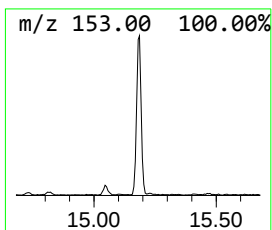
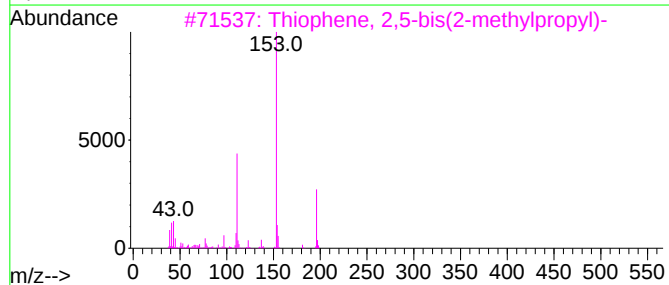
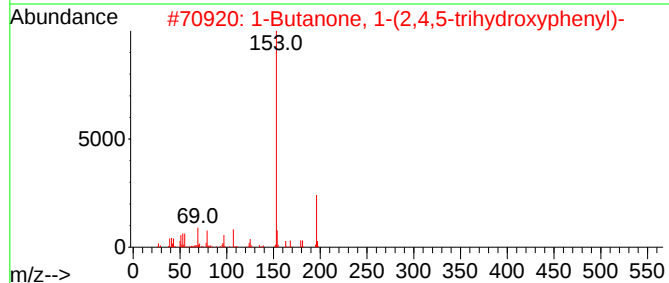
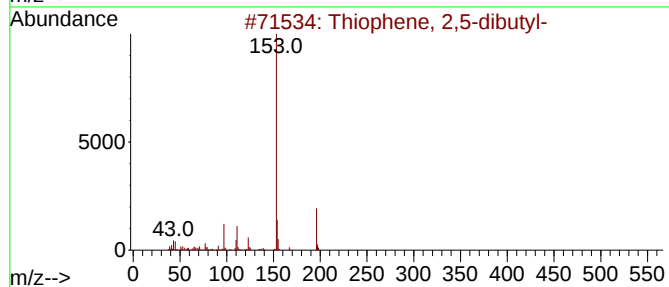
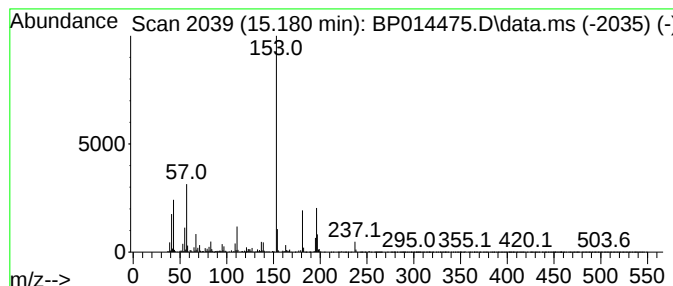
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 22 Thiophene, 2,5-dibutyl- Concentration Rank 17

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.180 | 2.87 ng/ul | 334541 | Acenaphthene-d10 | 14.663 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Thiophene, 2,5-dibutyl-             | 196 | C12H20S  | 006911-45-1 | 64   |
| 2    |    |   | 1-Butanone, 1-(2,4,5-trihydroxyp... | 196 | C10H12O4 | 001421-63-2 | 53   |
| 3    |    |   | Thiophene, 2,5-bis(2-methylpropyl)- | 196 | C12H20S  | 054845-33-9 | 53   |
| 4    |    |   | 1-Butanone, 1-(2,4,5-trihydroxyp... | 196 | C10H12O4 | 001421-63-2 | 53   |
| 5    |    |   | 1-Butanone, 1-(2,4,5-trihydroxyp... | 196 | C10H12O4 | 001421-63-2 | 40   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
 Data File : BP014475.D  
 Acq On : 01 Apr 2023 09:25  
 Operator : CG/JU  
 Sample : 02158-06  
 Misc :  
 ALS Vial : 85 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PMW-5(20230329)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
 TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response  | --Internal Standard-- |        |          |      |
|--------------------|--------|---------|-------|-----------|-----------------------|--------|----------|------|
|                    |        |         |       |           | #                     | RT     | Resp     | Conc |
| Ethylbenzene       | 5.487  | 2.3     | ng/ul | 5414380   | 1                     | 8.016  | 47620000 | 20.0 |
| Benzene, 1,3-di... | 5.622  | 8.6     | ng/ul | 20414900  | 1                     | 8.016  | 47620000 | 20.0 |
| Mesitylene         | 7.646  | 2.2     | ng/ul | 5214300   | 1                     | 8.016  | 47620000 | 20.0 |
| Benzene, 1,3-di... | 7.898  | 3.7     | ng/ul | 8758480   | 1                     | 8.016  | 47620000 | 20.0 |
| Benzene, 1,2-di... | 8.369  | 6.3     | ng/ul | 15036700  | 1                     | 8.016  | 47620000 | 20.0 |
| Benzene, 2-ethy... | 9.451  | 5.9     | ng/ul | 473102    | 2                     | 10.869 | 1592000  | 20.0 |
| Benzene, 1,2,4,... | 9.645  | 10.3    | ng/ul | 820634    | 2                     | 10.869 | 1592000  | 20.0 |
| Benzene, 1,2,3,... | 9.704  | 16.9    | ng/ul | 1340880   | 2                     | 10.869 | 1592000  | 20.0 |
| Benzene, 1,3,5-... | 9.969  | 8.5     | ng/ul | 676326    | 2                     | 10.869 | 1592000  | 20.0 |
| Benzene, 1-ethe... | 10.075 | 7.4     | ng/ul | 591445    | 2                     | 10.869 | 1592000  | 20.0 |
| 1-Phenyl-1-butene  | 10.228 | 21.4    | ng/ul | 1704430   | 2                     | 10.869 | 1592000  | 20.0 |
| Benzene, 1,2,3-... | 10.734 | 1533.7  | ng/ul | 122082000 | 2                     | 10.869 | 1592000  | 20.0 |
| unknown-01         | 11.257 | 835.5   | ng/ul | 66508200  | 2                     | 10.869 | 1592000  | 20.0 |
| Benzene, 1,2,3,... | 12.857 | 3.4     | ng/ul | 399397    | 3                     | 14.663 | 2330300  | 20.0 |
| Phenol, 2-(1,1-... | 12.910 | 10.9    | ng/ul | 1275440   | 3                     | 14.663 | 2330300  | 20.0 |
| Phenol, 2,4,5-t... | 13.192 | 2.1     | ng/ul | 244848    | 3                     | 14.663 | 2330300  | 20.0 |
| Benzene, 1,2,4,... | 13.463 | 2.2     | ng/ul | 255331    | 3                     | 14.663 | 2330300  | 20.0 |
| Thiophene, 2,5-... | 15.180 | 2.9     | ng/ul | 334541    | 3                     | 14.663 | 2330300  | 20.0 |