

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
 Data File : BN025075.D  
 Acq On : 22 Apr 2023 14:33  
 Operator : CG/JU  
 Sample : 02399-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 COMM0

Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN025075.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         | 3.293       | 14            | 18          | 30           | rVB      | 74995          | 114389        | 0.13%           | 0.035%        |
| 2         | 3.728       | 89            | 92          | 115          | rBV      | 242527         | 461004        | 0.53%           | 0.142%        |
| 3         | 5.205       | 336           | 343         | 363          | rBV      | 23196346       | 38485631      | 44.29%          | 11.838%       |
| 4         | 7.075       | 655           | 661         | 669          | rVB      | 304777         | 493385        | 0.57%           | 0.152%        |
| 5         | 7.246       | 683           | 690         | 699          | rBV      | 1292801        | 2027268       | 2.33%           | 0.624%        |
| 6         | 7.446       | 717           | 724         | 735          | rBV      | 1172687        | 1890203       | 2.18%           | 0.581%        |
| 7         | 7.805       | 777           | 785         | 797          | rBV      | 3571891        | 5619680       | 6.47%           | 1.729%        |
| 8         | 7.958       | 805           | 811         | 827          | rVB      | 14274997       | 23608333      | 27.17%          | 7.262%        |
| 9         | 8.293       | 856           | 868         | 874          | rBV      | 38698249       | 86886812      | 100.00%         | 26.727%       |
| 10        | 8.628       | 918           | 925         | 939          | rBV      | 905335         | 1439367       | 1.66%           | 0.443%        |
| 11        | 9.087       | 994           | 1003        | 1014         | rBV      | 1624988        | 2621212       | 3.02%           | 0.806%        |
| 12        | 9.422       | 1048          | 1060        | 1067         | rBV      | 320457         | 535885        | 0.62%           | 0.165%        |
| 13        | 9.652       | 1093          | 1099        | 1103         | rBV      | 84554          | 141713        | 0.16%           | 0.044%        |
| 14        | 9.693       | 1103          | 1106        | 1109         | rVV2     | 76480          | 131602        | 0.15%           | 0.040%        |
| 15        | 9.740       | 1109          | 1114        | 1119         | rVV      | 152169         | 281404        | 0.32%           | 0.087%        |
| 16        | 9.810       | 1119          | 1126        | 1132         | rVV      | 1298835        | 2070561       | 2.38%           | 0.637%        |
| 17        | 10.352      | 1210          | 1218        | 1234         | rBV      | 1598236        | 2746751       | 3.16%           | 0.845%        |
| 18        | 10.605      | 1251          | 1261        | 1276         | rBV      | 26646833       | 51473626      | 59.24%          | 15.834%       |
| 19        | 10.734      | 1276          | 1283        | 1290         | rBV      | 1981337        | 3082335       | 3.55%           | 0.948%        |
| 20        | 10.869      | 1297          | 1306        | 1320         | rBV      | 1646979        | 2793490       | 3.22%           | 0.859%        |
| 21        | 11.116      | 1340          | 1348        | 1356         | rBV      | 7337960        | 12426796      | 14.30%          | 3.823%        |
| 22        | 12.316      | 1543          | 1552        | 1559         | rBV4     | 36878          | 95423         | 0.11%           | 0.029%        |
| 23        | 12.722      | 1616          | 1621        | 1623         | rBV2     | 236521         | 347949        | 0.40%           | 0.107%        |
| 24        | 12.757      | 1623          | 1627        | 1634         | rVB      | 884177         | 1336195       | 1.54%           | 0.411%        |
| 25        | 13.363      | 1720          | 1730        | 1741         | rBV      | 3270904        | 4975242       | 5.73%           | 1.530%        |
| 26        | 13.581      | 1760          | 1767        | 1777         | rVB      | 412527         | 619913        | 0.71%           | 0.191%        |
| 27        | 13.975      | 1825          | 1834        | 1840         | rBV      | 3521388        | 4726899       | 5.44%           | 1.454%        |
| 28        | 14.257      | 1875          | 1882        | 1893         | rBV      | 3776231        | 5390042       | 6.20%           | 1.658%        |
| 29        | 14.563      | 1927          | 1934        | 1948         | rBV      | 2839513        | 4147099       | 4.77%           | 1.276%        |
| 30        | 14.763      | 1962          | 1968        | 1979         | rBV      | 277998         | 482713        | 0.56%           | 0.148%        |
| 31        | 14.881      | 1982          | 1988        | 1994         | rVV      | 373369         | 528726        | 0.61%           | 0.163%        |
| 32        | 15.557      | 2095          | 2103        | 2108         | rBV      | 5071555        | 7065844       | 8.13%           | 2.173%        |
| 33        | 15.598      | 2108          | 2110        | 2117         | rVV5     | 98695          | 156870        | 0.18%           | 0.048%        |
| 34        | 15.675      | 2117          | 2123        | 2134         | rVV      | 2027903        | 2671032       | 3.07%           | 0.822%        |
| 35        | 15.922      | 2159          | 2165        | 2170         | rBV      | 854639         | 1074818       | 1.24%           | 0.331%        |
| 36        | 17.310      | 2395          | 2401        | 2407         | rBV      | 3631957        | 5112425       | 5.88%           | 1.573%        |

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 Sample : 02399-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 COMM0

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\_N\Methods\SFAM-EPA-BN041023.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |        |        |
|----|--------|------|------|------|------|---------|----------|--------|--------|
| 37 | 17.410 | 2412 | 2418 | 2427 | rBV2 | 5832997 | 8194120  | 9.43%  | 2.521% |
| 38 | 18.198 | 2547 | 2552 | 2561 | rBV  | 395500  | 586904   | 0.68%  | 0.181% |
| 39 | 19.269 | 2729 | 2734 | 2739 | rBV  | 79626   | 116528   | 0.13%  | 0.036% |
| 40 | 19.339 | 2742 | 2746 | 2757 | rVB2 | 82811   | 184359   | 0.21%  | 0.057% |
| 41 | 19.475 | 2765 | 2769 | 2777 | rBV  | 150355  | 204579   | 0.24%  | 0.063% |
| 42 | 19.704 | 2802 | 2808 | 2821 | rBV  | 7035825 | 9844151  | 11.33% | 3.028% |
| 43 | 20.216 | 2891 | 2895 | 2898 | rBV3 | 95850   | 147848   | 0.17%  | 0.045% |
| 44 | 20.539 | 2946 | 2950 | 2953 | rBV3 | 69965   | 89818    | 0.10%  | 0.028% |
| 45 | 21.198 | 3058 | 3062 | 3071 | rBV  | 369013  | 691560   | 0.80%  | 0.213% |
| 46 | 21.498 | 3108 | 3113 | 3120 | rBV  | 4984529 | 6086701  | 7.01%  | 1.872% |
| 47 | 22.610 | 3299 | 3302 | 3306 | rVB2 | 109062  | 144623   | 0.17%  | 0.044% |
| 48 | 22.751 | 3321 | 3326 | 3333 | rBV  | 1469758 | 1937988  | 2.23%  | 0.596% |
| 49 | 23.163 | 3393 | 3396 | 3403 | rVB  | 165115  | 253273   | 0.29%  | 0.078% |
| 50 | 23.769 | 3491 | 3499 | 3515 | rBV2 | 5538800 | 11780495 | 13.56% | 3.624% |
| 51 | 23.927 | 3518 | 3526 | 3537 | rVV2 | 3377589 | 6766784  | 7.79%  | 2.081% |

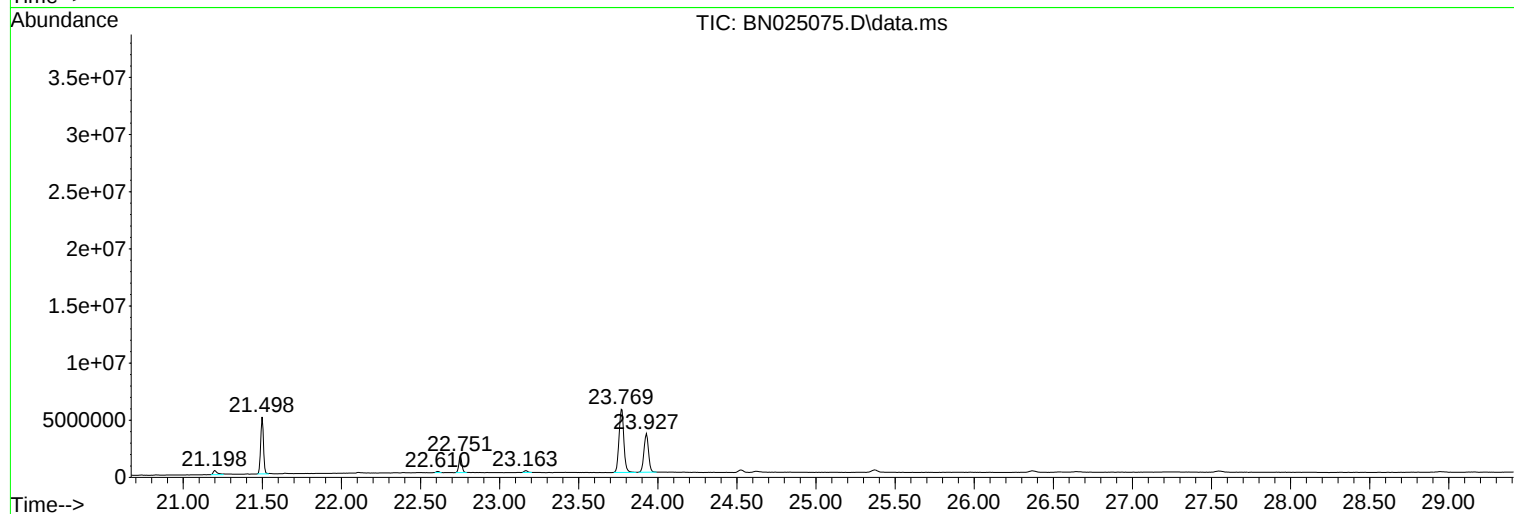
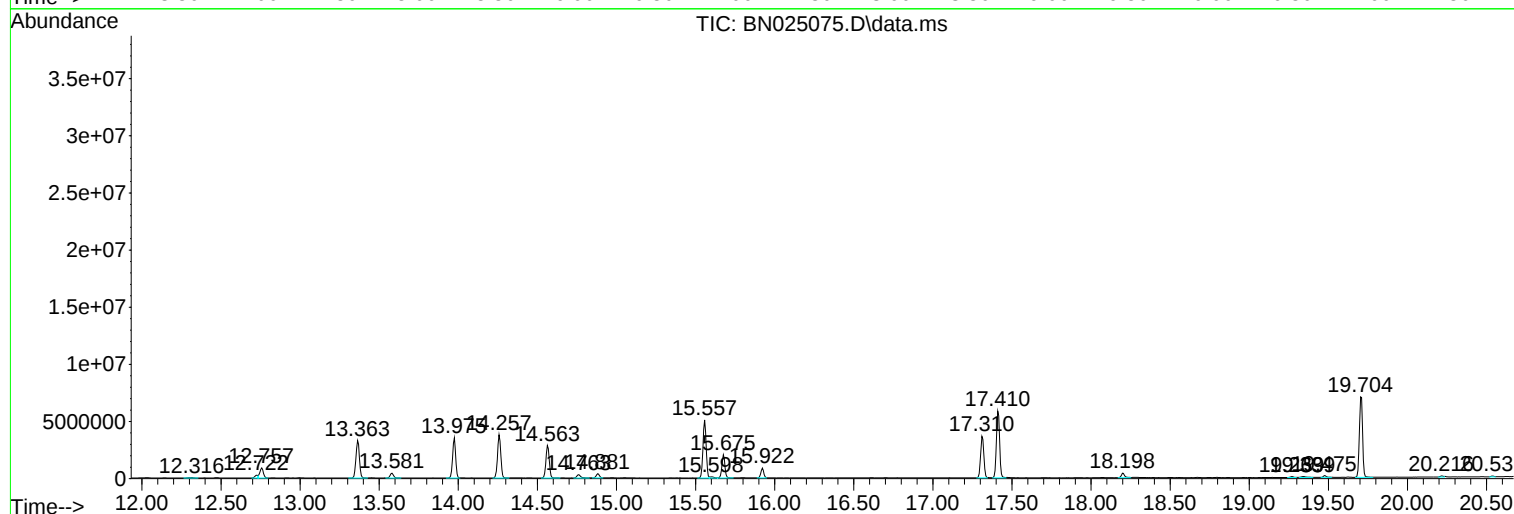
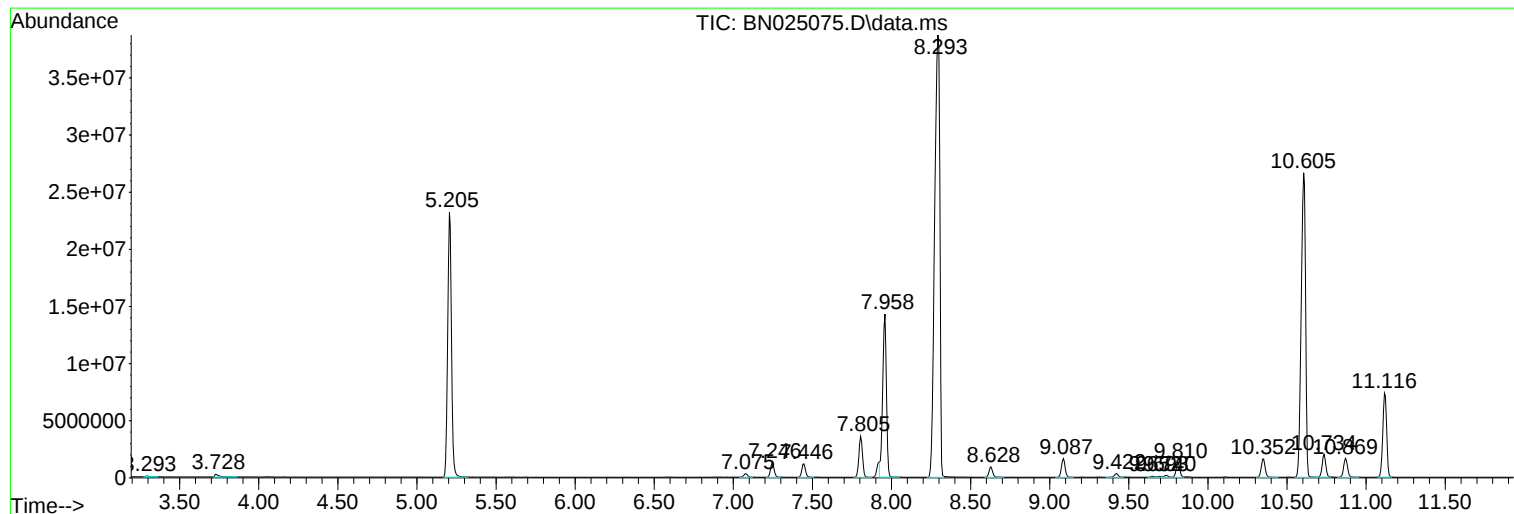
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
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Operator : CG/JU  
Sample : 02399-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMM0

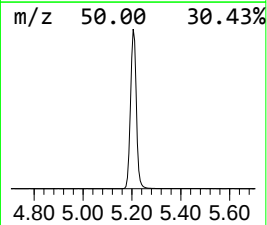
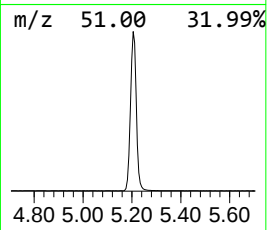
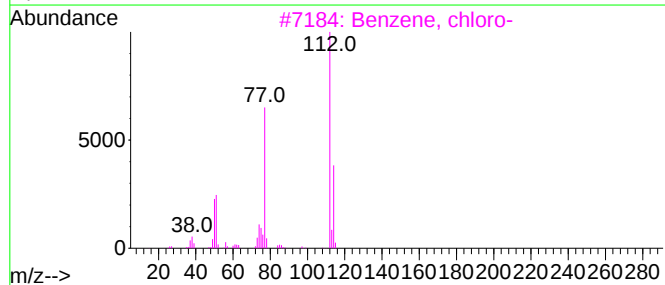
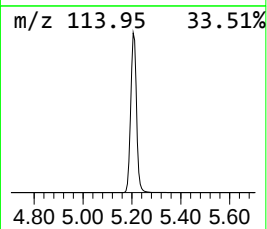
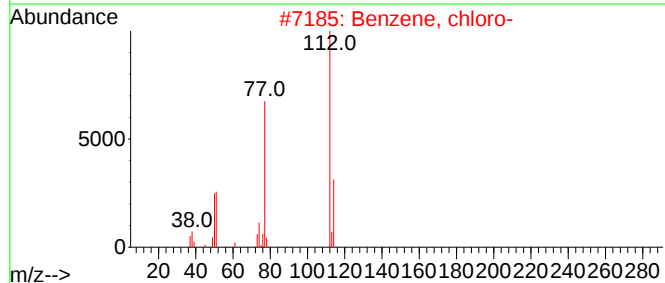
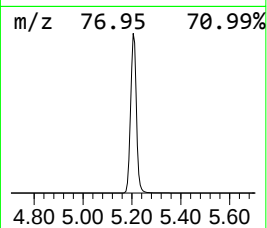
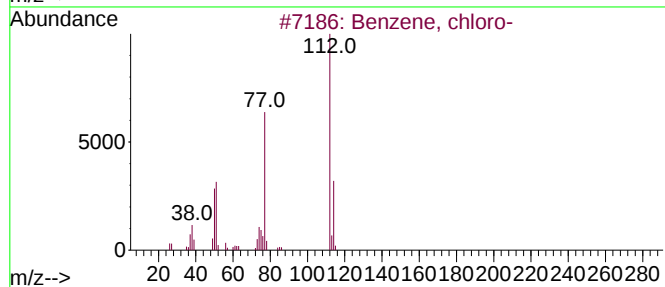
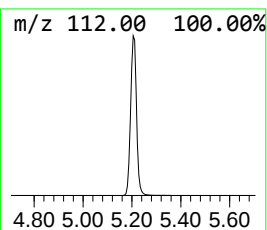
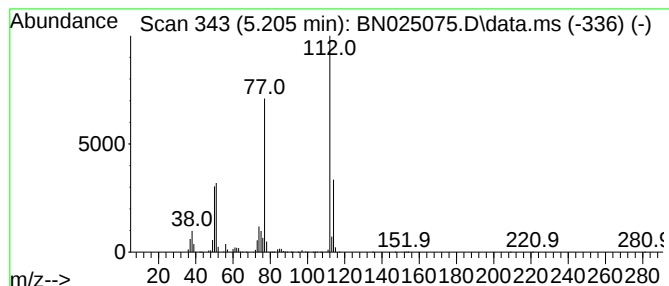
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzene, chloro- Concentration Rank 4

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 5.205 | 32.60 ng/ul | 38485600 | 1,4-Dichlorobenzene-d4 | 7.916 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 96   |
| 2    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 96   |
| 3    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 95   |
| 4    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 94   |
| 5    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 94   |



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Sample : 02399-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMMO

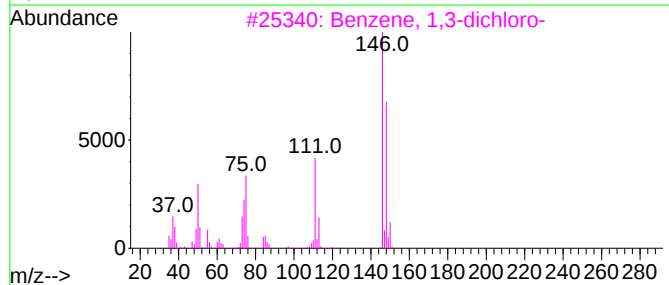
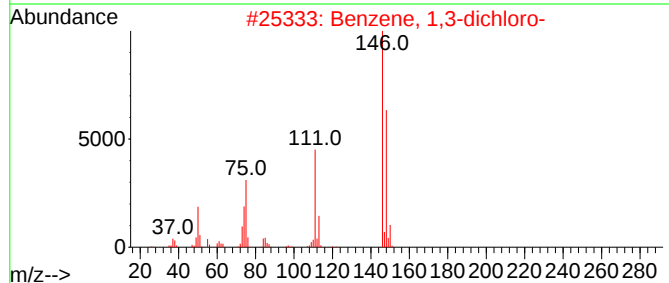
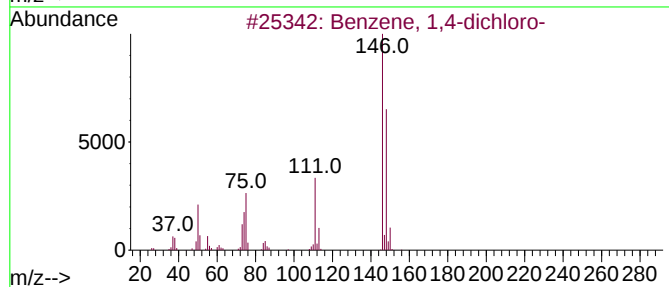
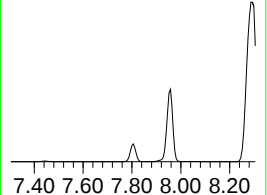
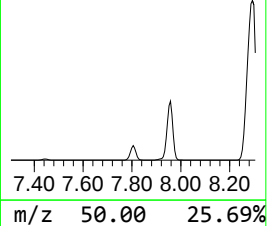
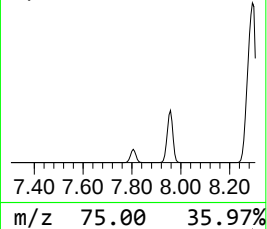
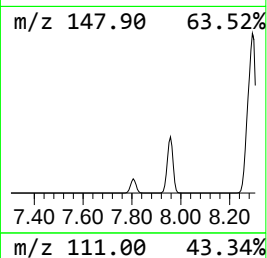
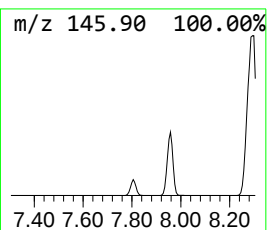
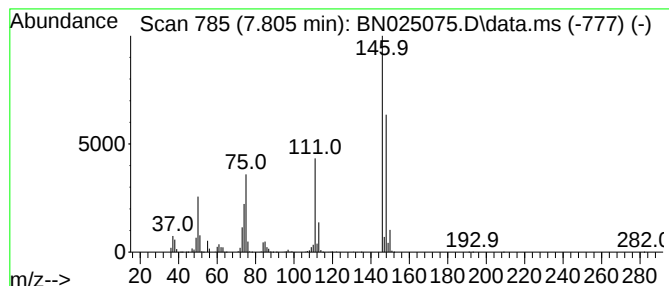
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 8

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 7.805 | 4.76 ng/ul | 5619680 | 1,4-Dichlorobenzene-d4 | 7.916 |

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



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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMM0

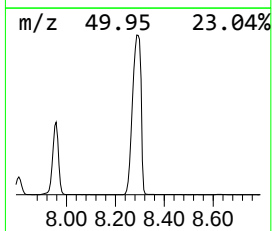
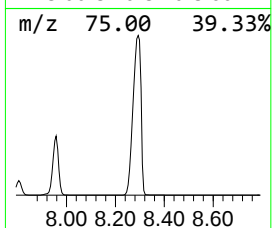
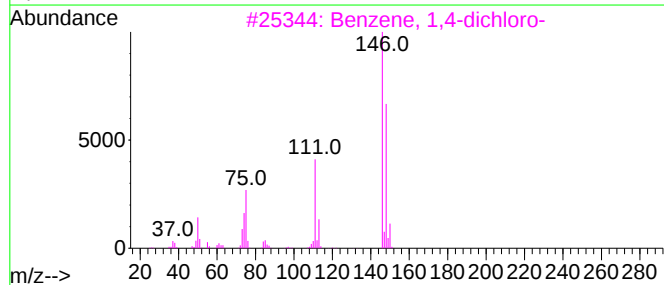
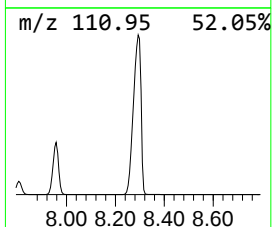
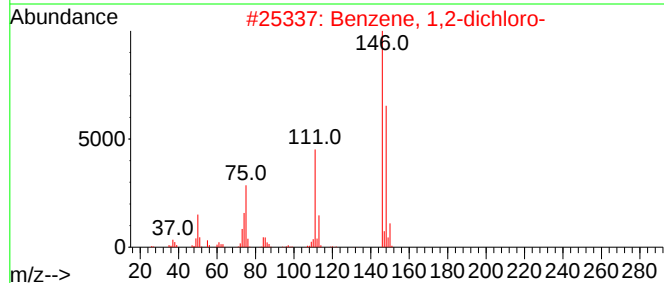
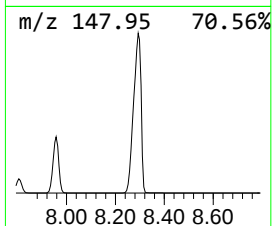
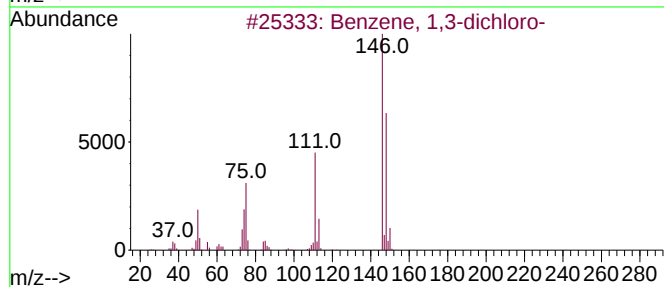
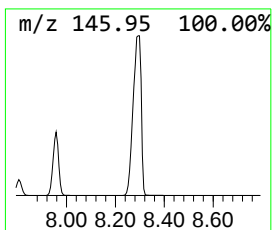
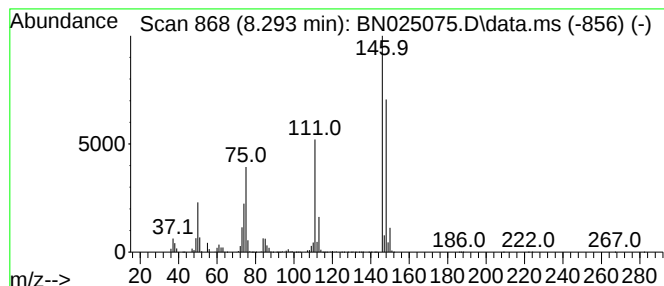
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 8.293 | 73.61 ng/ul | 86886800 | 1,4-Dichlorobenzene-d4 | 7.916 |

| 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, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 97   |
| 5    |    |   | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 96   |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMM0

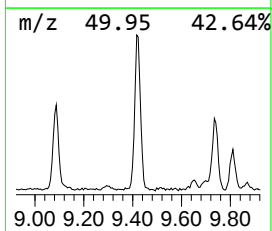
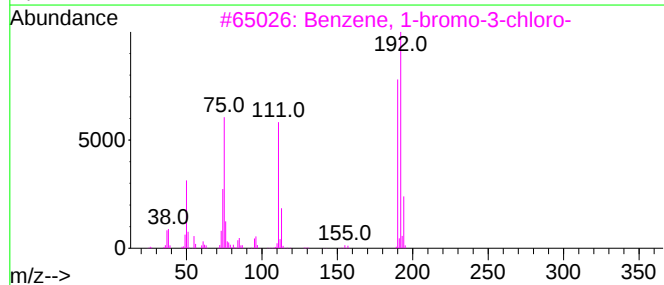
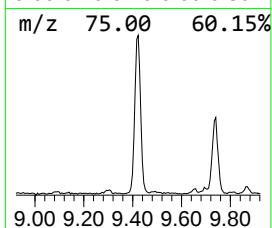
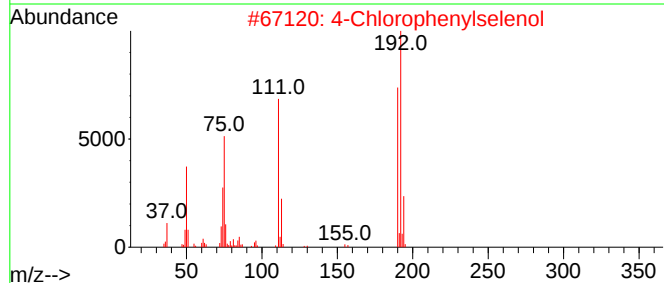
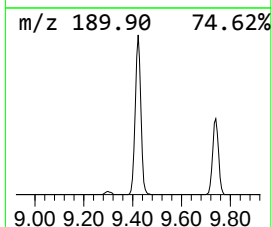
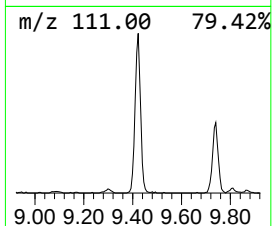
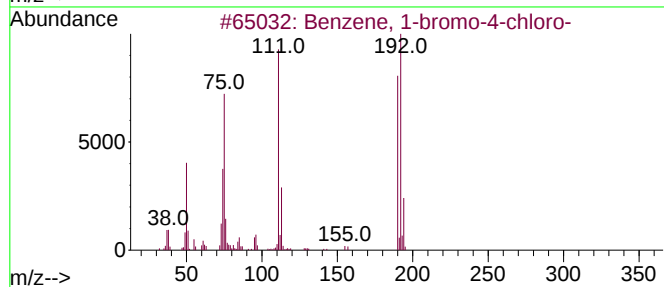
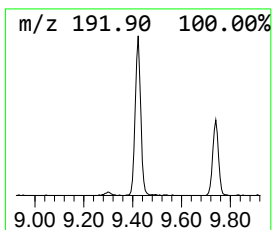
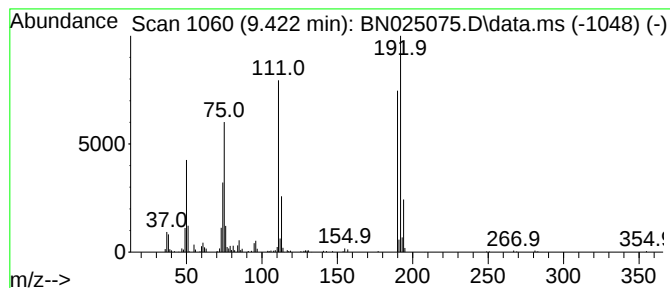
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 Benzene, 1-bromo-4-chloro- Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.422 | 3.48 ng/ul | 535885 | Naphthalene-d8   | 10.734 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 99   |
| 2    |    |   | 4-Chlorophenylselenol      | 192 | C6H5ClSe | 016645-10-6 | 99   |
| 3    |    |   | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 98   |
| 4    |    |   | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 98   |
| 5    |    |   | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 97   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025075.D  
Acq On : 22 Apr 2023 14:33  
Operator : CG/JU  
Sample : 02399-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMM0

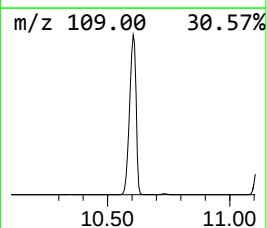
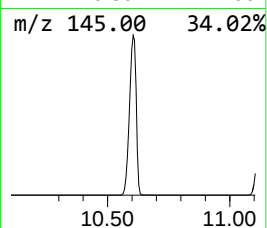
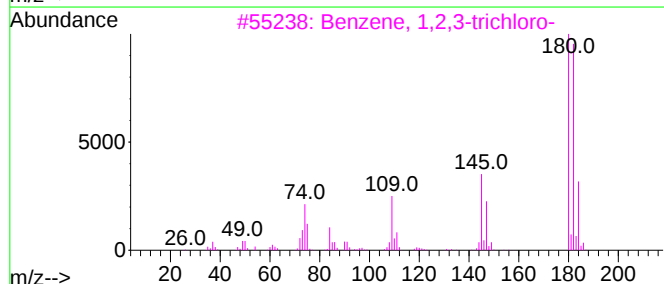
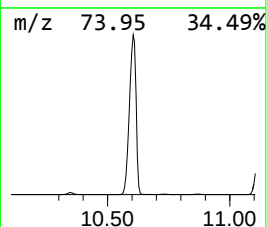
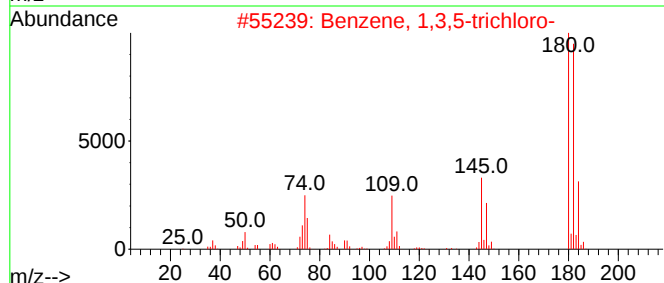
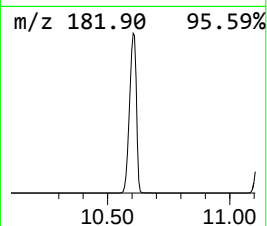
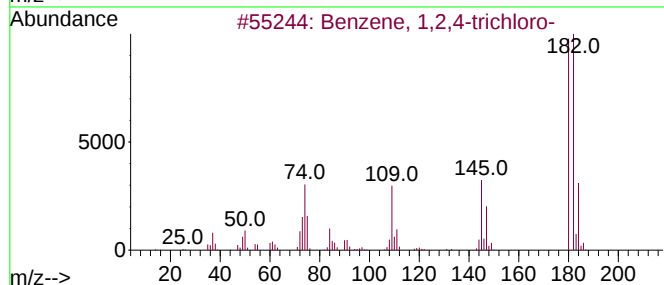
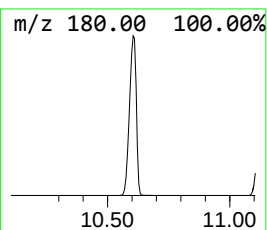
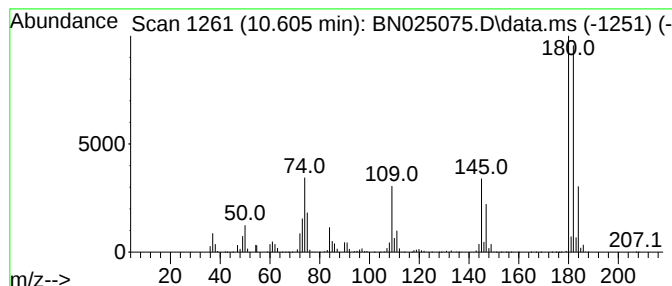
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 Benzene, 1,2,4-trichloro- Concentration Rank 1

| R.T.   | EstConc      | Area     | Relative to ISTD | R.T.   |
|--------|--------------|----------|------------------|--------|
| 10.605 | 333.99 ng/ul | 51473600 | Naphthalene-d8   | 10.734 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025075.D  
Acq On : 22 Apr 2023 14:33  
Operator : CG/JU  
Sample : 02399-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMMO

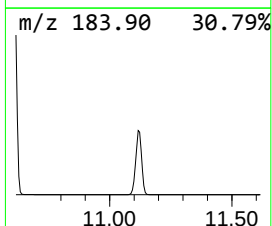
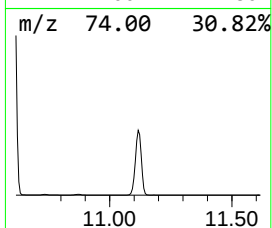
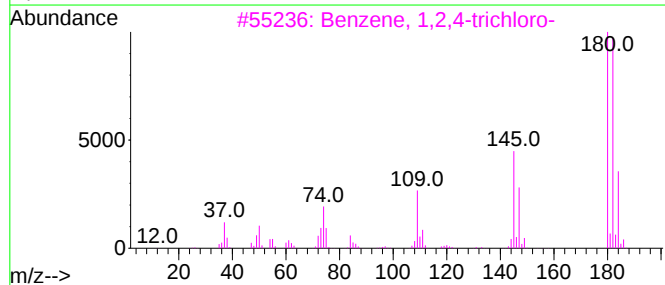
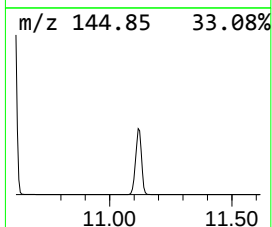
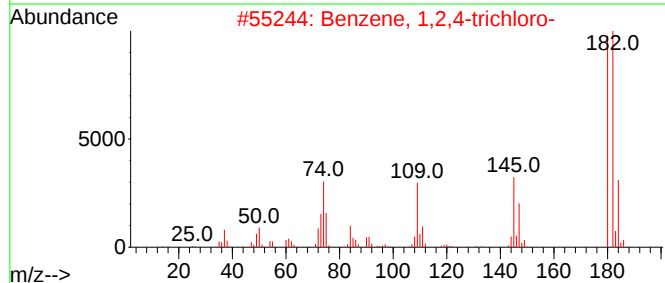
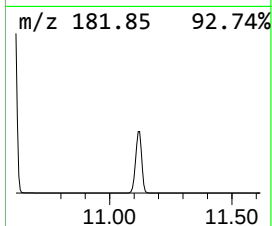
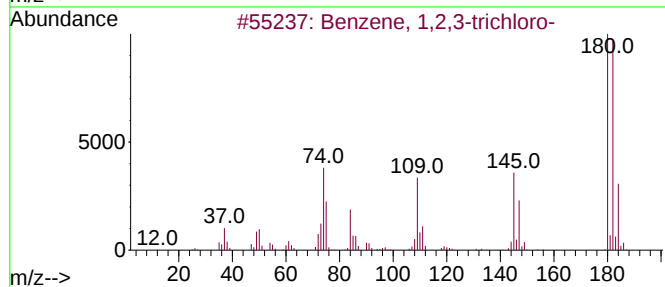
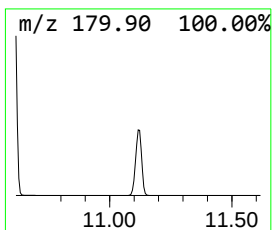
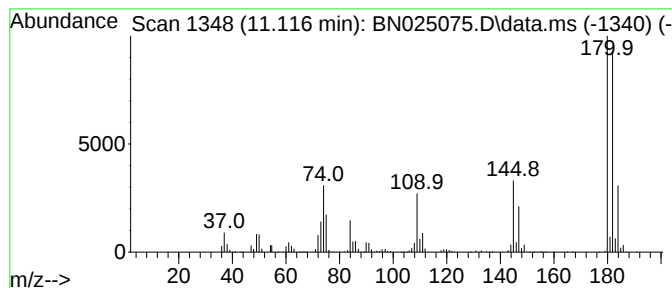
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 Benzene, 1,2,3-trichloro- Concentration Rank 2

| R.T.   | EstConc     | Area     | Relative to ISTD | R.T.   |
|--------|-------------|----------|------------------|--------|
| 11.116 | 80.63 ng/ul | 12426800 | Naphthalene-d8   | 10.734 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 99   |
| 2    |    |   | Benzene, 1,2,4-trichloro- | 180 | C6H3Cl3 | 000120-82-1 | 98   |
| 3    |    |   | Benzene, 1,2,4-trichloro- | 180 | C6H3Cl3 | 000120-82-1 | 98   |
| 4    |    |   | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 98   |
| 5    |    |   | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025075.D  
Acq On : 22 Apr 2023 14:33  
Operator : CG/JU  
Sample : 02399-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

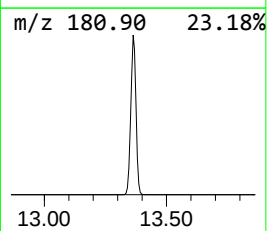
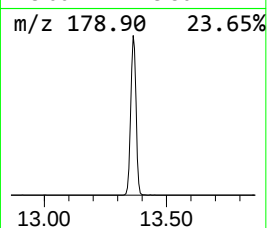
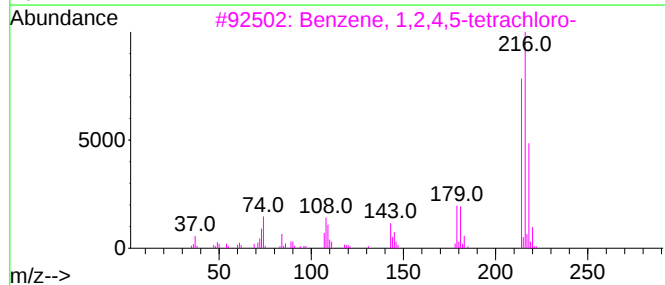
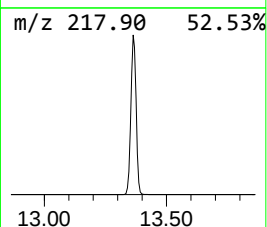
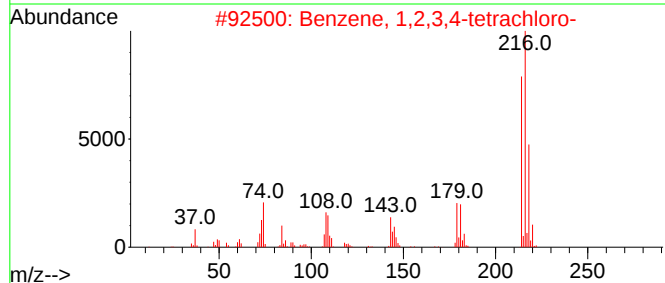
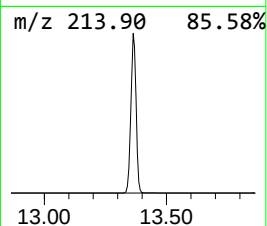
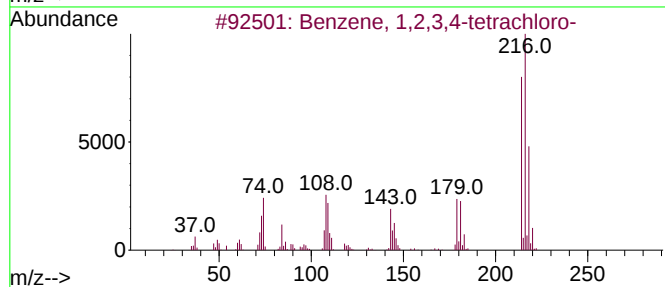
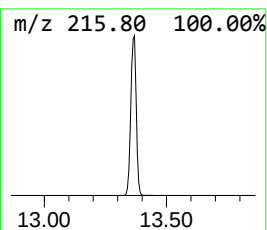
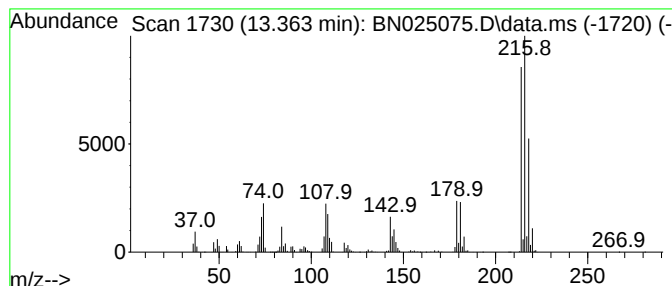
Instrument :  
BNA\_N  
ClientSampleId :  
COMM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 7 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 5

| R.T.      | EstConc                       | Area    | Relative to ISTD |         |             | R.T.   |
|-----------|-------------------------------|---------|------------------|---------|-------------|--------|
| 13.363    | 23.99 ng/ul                   | 4975240 | Acenaphthene-d10 |         |             | 14.563 |
| Hit# of 5 | Tentative ID                  |         | MW               | MolForm | CAS#        | Qual   |
| 1         | Benzene, 1,2,3,4-tetrachloro- |         | 214              | C6H2Cl4 | 000634-66-2 | 99     |
| 2         | Benzene, 1,2,3,4-tetrachloro- |         | 214              | C6H2Cl4 | 000634-66-2 | 99     |
| 3         | Benzene, 1,2,4,5-tetrachloro- |         | 214              | C6H2Cl4 | 000095-94-3 | 99     |
| 4         | Benzene, 1,2,4,5-tetrachloro- |         | 214              | C6H2Cl4 | 000095-94-3 | 99     |
| 5         | Benzene, 1,2,3,5-tetrachloro- |         | 214              | C6H2Cl4 | 000634-90-2 | 99     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025075.D  
Acq On : 22 Apr 2023 14:33  
Operator : CG/JU  
Sample : 02399-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

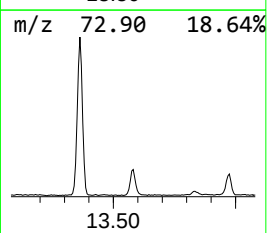
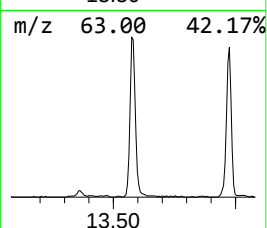
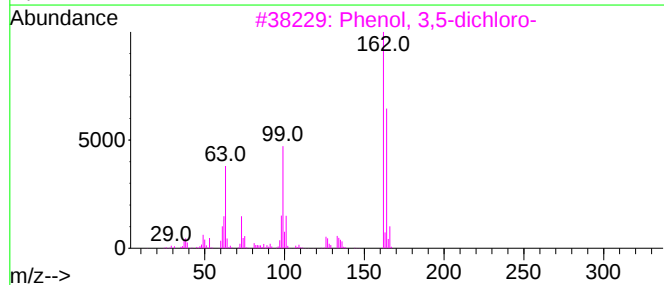
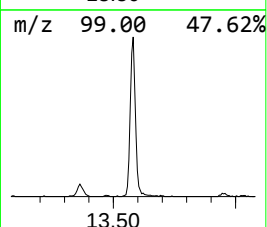
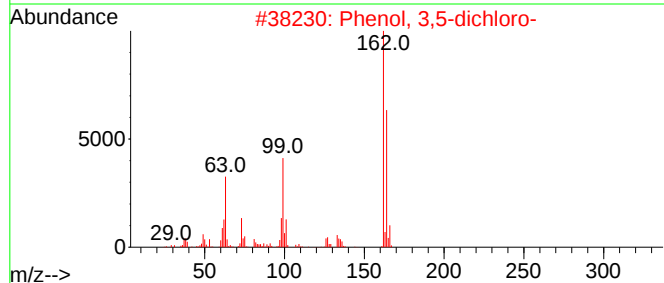
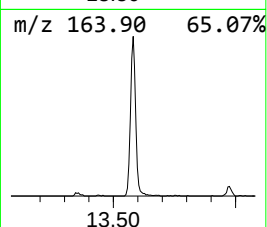
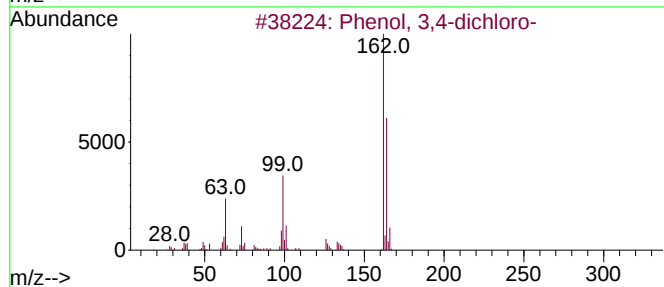
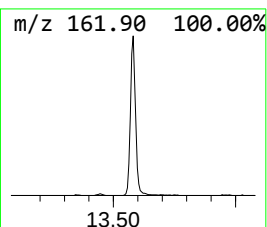
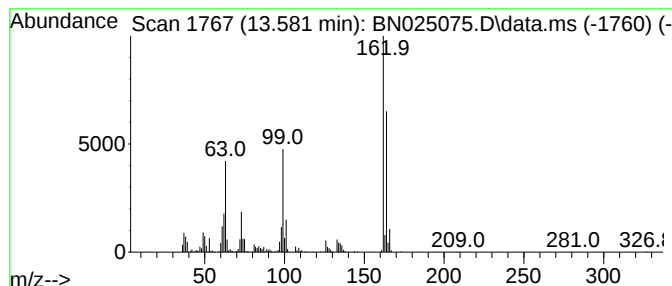
Instrument :  
BNA\_N  
ClientSampleId :  
COMM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Phenol, 3,4-dichloro- Concentration Rank 10

| R.T.      | EstConc               | Area   | Relative to ISTD |          |             | R.T.   |
|-----------|-----------------------|--------|------------------|----------|-------------|--------|
| 13.581    | 2.99 ng/ul            | 619913 | Acenaphthene-d10 |          |             | 14.563 |
| Hit# of 5 | Tentative ID          |        | MW               | MolForm  | CAS#        | Qual   |
| 1         | Phenol, 3,4-dichloro- |        | 162              | C6H4Cl2O | 000095-77-2 | 97     |
| 2         | Phenol, 3,5-dichloro- |        | 162              | C6H4Cl2O | 000591-35-5 | 97     |
| 3         | Phenol, 3,5-dichloro- |        | 162              | C6H4Cl2O | 000591-35-5 | 97     |
| 4         | Phenol, 3,4-dichloro- |        | 162              | C6H4Cl2O | 000095-77-2 | 97     |
| 5         | Phenol, 3,4-dichloro- |        | 162              | C6H4Cl2O | 000095-77-2 | 96     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025075.D  
Acq On : 22 Apr 2023 14:33  
Operator : CG/JU  
Sample : 02399-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMM0

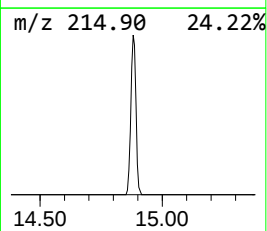
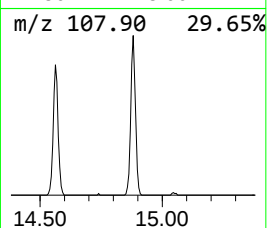
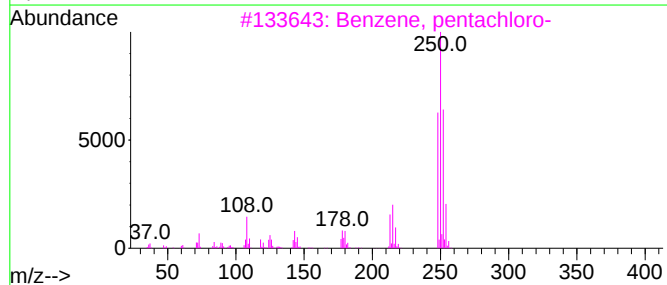
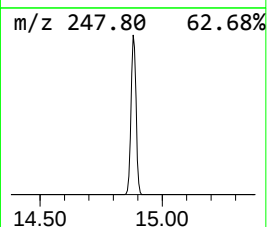
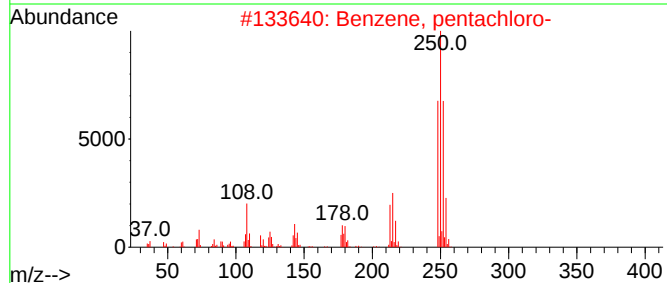
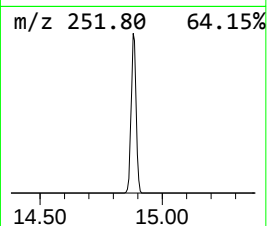
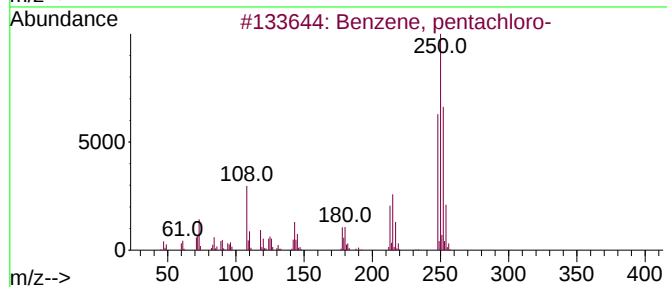
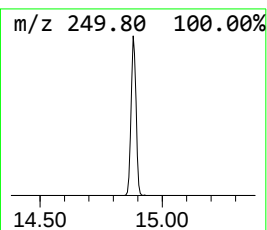
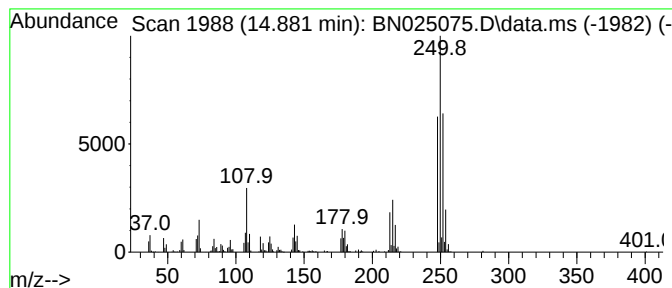
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 9 Benzene, pentachloro- Concentration Rank 11

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 14.881 | 2.55 ng/ul | 528726 | Acenaphthene-d10 | 14.563 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, pentachloro- | 248 | C6HCl5  | 000608-93-5 | 99   |
| 2    |    |   | Benzene, pentachloro- | 248 | C6HCl5  | 000608-93-5 | 99   |
| 3    |    |   | Benzene, pentachloro- | 248 | C6HCl5  | 000608-93-5 | 99   |
| 4    |    |   | Benzene, pentachloro- | 248 | C6HCl5  | 000608-93-5 | 99   |
| 5    |    |   | Benzene, pentachloro- | 248 | C6HCl5  | 000608-93-5 | 97   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025075.D  
Acq On : 22 Apr 2023 14:33  
Operator : CG/JU  
Sample : 02399-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

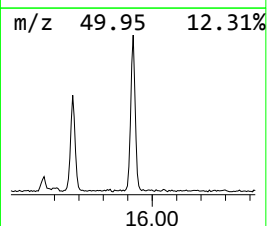
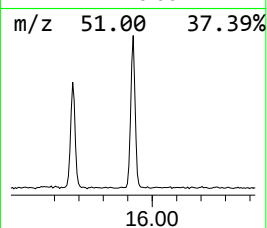
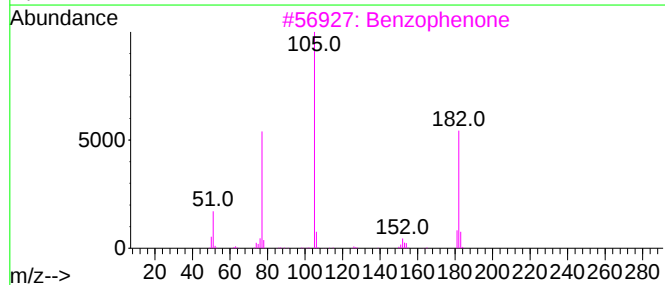
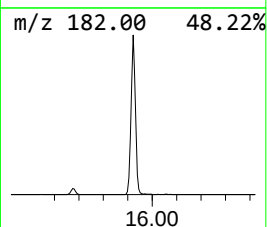
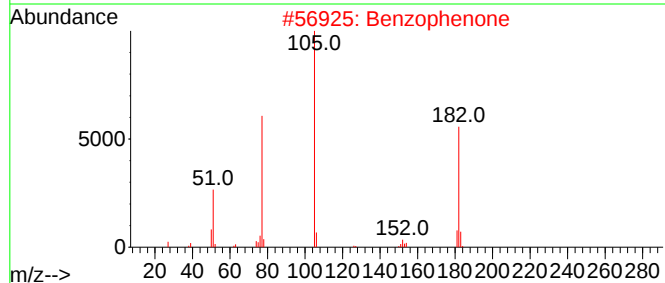
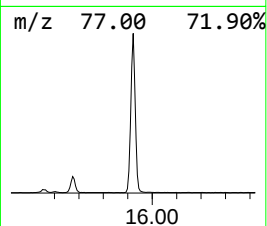
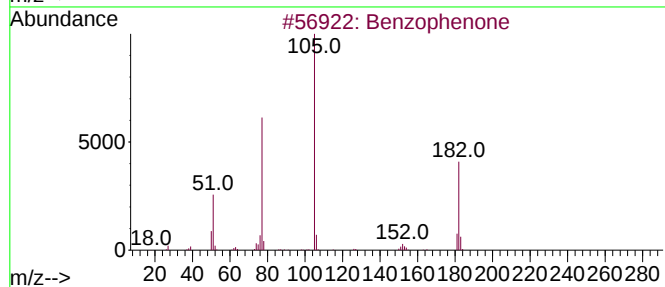
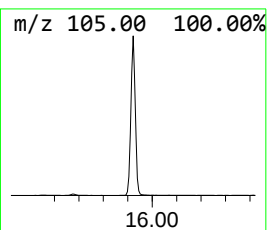
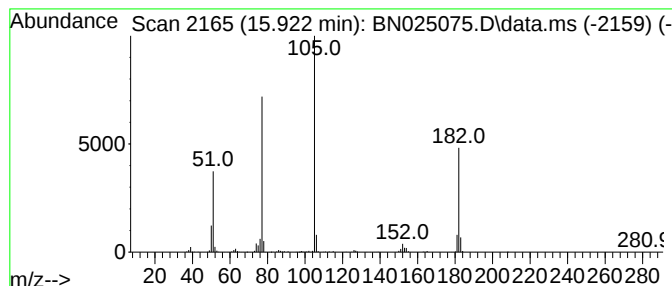
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BNA\_N  
ClientSampleId :  
COMM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 Benzophenone Concentration Rank 7

| R.T.      | EstConc      | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|--------------|---------|------------------|---------|-------------|------|
| 15.922    | 5.18 ng/ul   | 1074820 | Acenaphthene-d10 |         | 14.563      |      |
| Hit# of 5 | Tentative ID |         | MW               | MolForm | CAS#        | Qual |
| 1         | Benzophenone |         | 182              | C13H10O | 000119-61-9 | 97   |
| 2         | Benzophenone |         | 182              | C13H10O | 000119-61-9 | 97   |
| 3         | Benzophenone |         | 182              | C13H10O | 000119-61-9 | 97   |
| 4         | Benzophenone |         | 182              | C13H10O | 000119-61-9 | 91   |
| 5         | Benzophenone |         | 182              | C13H10O | 000119-61-9 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025075.D  
Acq On : 22 Apr 2023 14:33  
Operator : CG/JU  
Sample : 02399-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

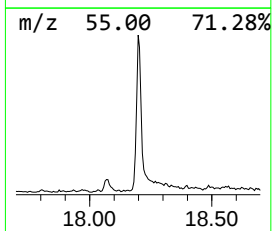
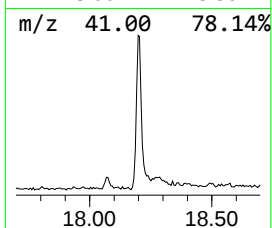
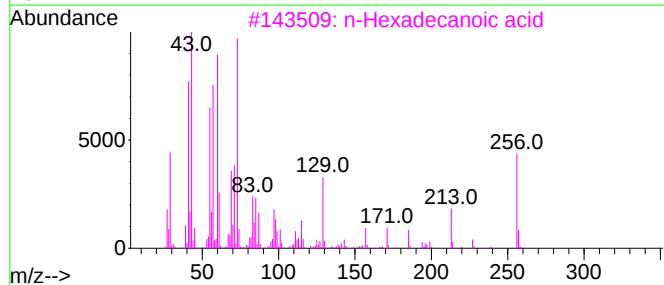
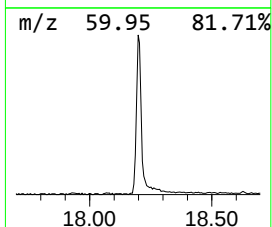
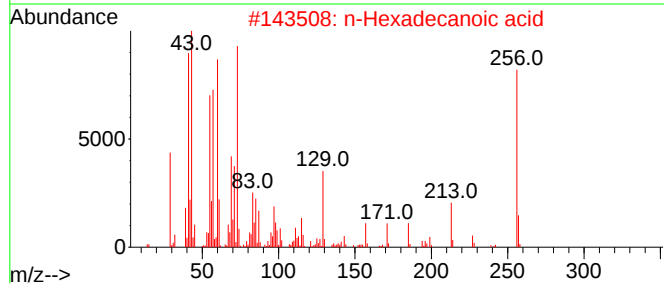
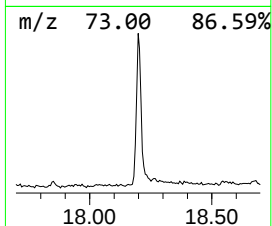
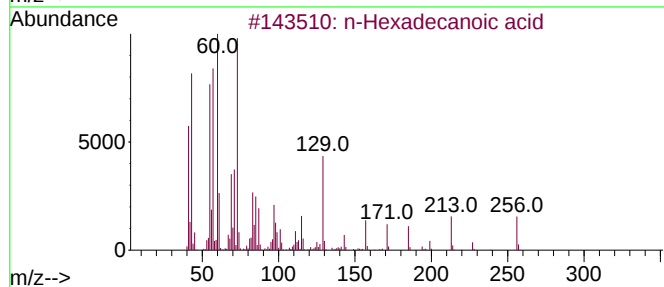
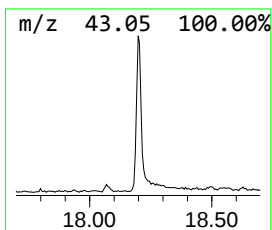
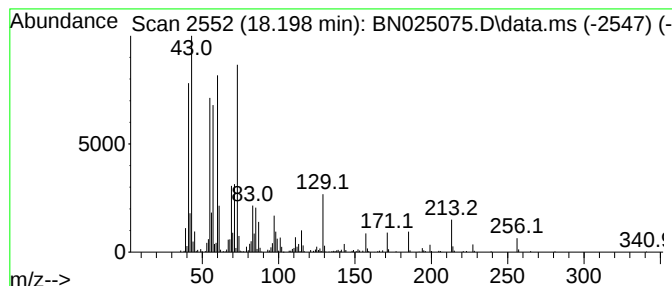
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 n-Hexadecanoic acid Concentration Rank 12

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.198 | 2.30 ng/ul | 586904 | Phenanthrene-d10 | 17.310 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 3    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 4    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 92   |
| 5    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025075.D  
Acq On : 22 Apr 2023 14:33  
Operator : CG/JU  
Sample : 02399-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMMO

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

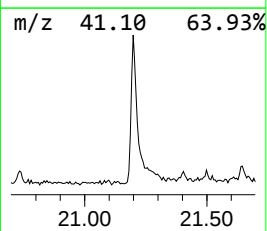
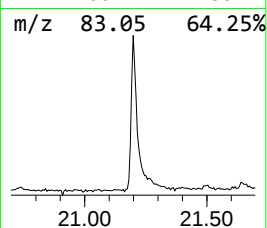
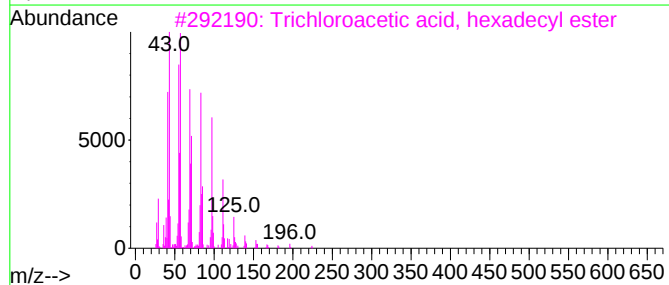
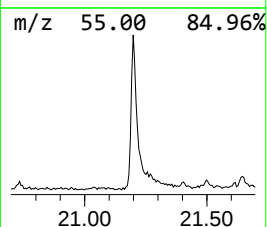
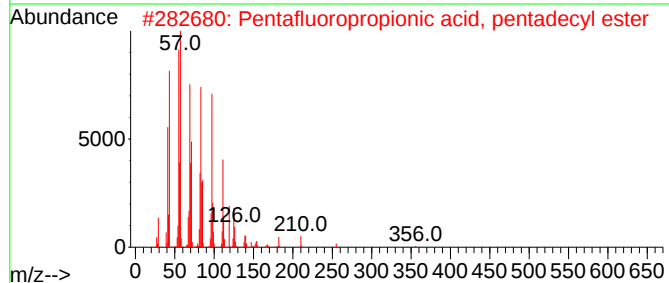
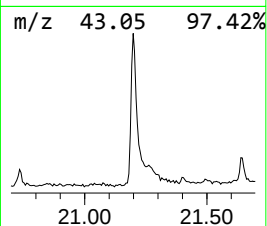
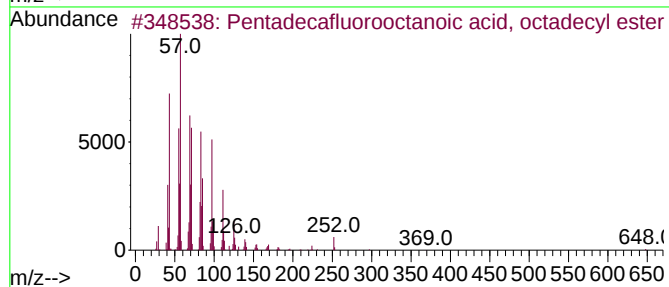
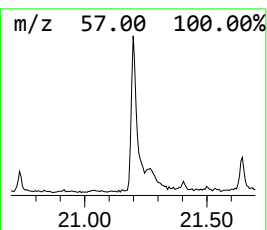
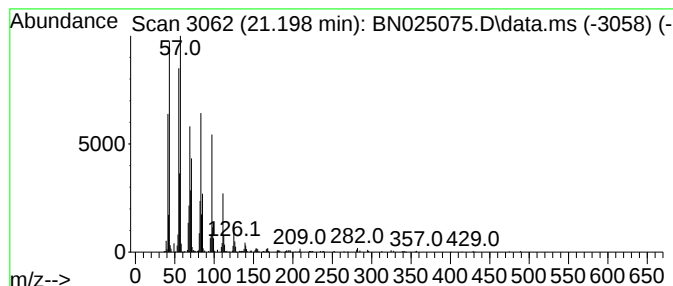
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Pentadecafluorooctanoic aci... Concentration Rank 13

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.198 | 2.27 ng/ul | 691560 | Chrysene-d12     | 21.498 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 94   |
| 2    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2  | 959092-08-1  | 91   |
| 3    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1  | 91   |
| 4    |    |   | Heptadecyl trifluoroacetate         | 352 | C19H35F3O2  | 1010351-87-0 | 91   |
| 5    |    |   | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2  | 006222-07-7  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025075.D  
Acq On : 22 Apr 2023 14:33  
Operator : CG/JU  
Sample : 02399-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMM0

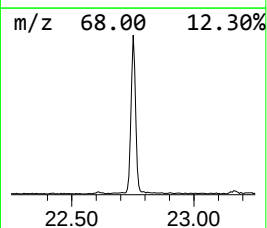
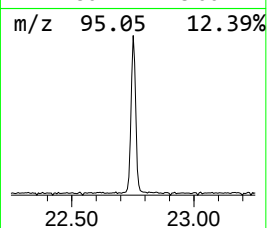
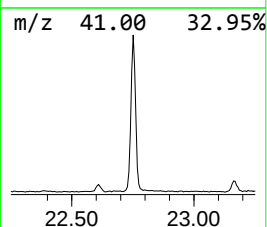
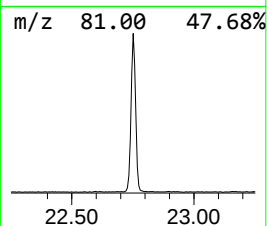
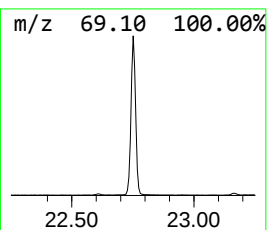
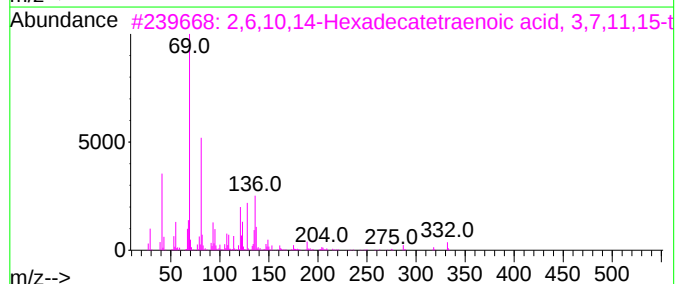
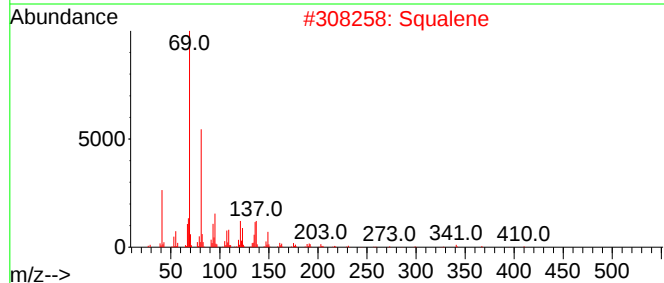
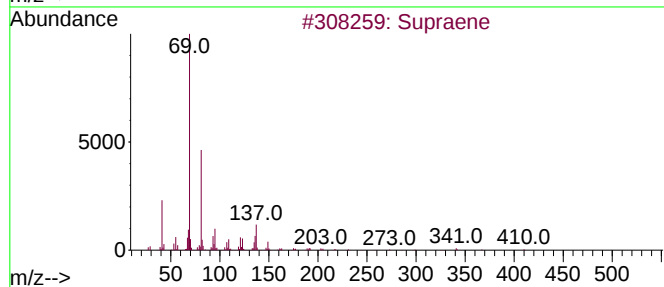
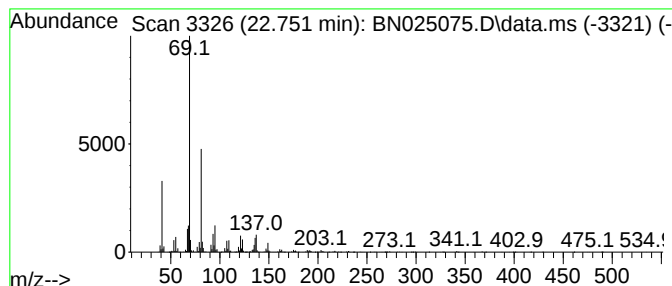
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 13 Supraene Concentration Rank 6

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 22.751 | 5.73 ng/ul | 1937990 | Perylene-d12     | 23.927 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Supraene                            | 410 | C30H50   | 007683-64-9 | 91   |
| 2    |    |   | Squalene                            | 410 | C30H50   | 000111-02-4 | 90   |
| 3    |    |   | 2,6,10,14-Hexadecatetraenoic aci... | 332 | C22H36O2 | 024035-35-6 | 83   |
| 4    |    |   | Squalene                            | 410 | C30H50   | 000111-02-4 | 83   |
| 5    |    |   | 4,9,13,17-Tetramethyl-4,8,12,16-... | 316 | C22H36O  | 056882-09-8 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025075.D  
Acq On : 22 Apr 2023 14:33  
Operator : CG/JU  
Sample : 02399-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMMO

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.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 |
| Benzene, chloro-   | 5.205  | 32.6    | ng/ul | 38485600 | 1                     | 7.916  | 23608300 | 20.0 |
| Benzene, 1,4-di... | 7.805  | 4.8     | ng/ul | 5619680  | 1                     | 7.916  | 23608300 | 20.0 |
| Benzene, 1,3-di... | 8.293  | 73.6    | ng/ul | 86886800 | 1                     | 7.916  | 23608300 | 20.0 |
| Benzene, 1-brom... | 9.422  | 3.5     | ng/ul | 535885   | 2                     | 10.734 | 3082340  | 20.0 |
| Benzene, 1,2,4-... | 10.605 | 334.0   | ng/ul | 51473600 | 2                     | 10.734 | 3082340  | 20.0 |
| Benzene, 1,2,3-... | 11.116 | 80.6    | ng/ul | 12426800 | 2                     | 10.734 | 3082340  | 20.0 |
| Benzene, 1,2,3,... | 13.363 | 24.0    | ng/ul | 4975240  | 3                     | 14.563 | 4147100  | 20.0 |
| Phenol, 3,4-dic... | 13.581 | 3.0     | ng/ul | 619913   | 3                     | 14.563 | 4147100  | 20.0 |
| Benzene, pentac... | 14.881 | 2.5     | ng/ul | 528726   | 3                     | 14.563 | 4147100  | 20.0 |
| Benzophenone       | 15.922 | 5.2     | ng/ul | 1074820  | 3                     | 14.563 | 4147100  | 20.0 |
| n-Hexadecanoic ... | 18.198 | 2.3     | ng/ul | 586904   | 4                     | 17.310 | 5112430  | 20.0 |
| Pentadecafluoro... | 21.198 | 2.3     | ng/ul | 691560   | 5                     | 21.498 | 6086700  | 20.0 |
| Supraene           | 22.751 | 5.7     | ng/ul | 1937990  | 6                     | 23.927 | 6766780  | 20.0 |