

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
 Data File : BN025094.D  
 Acq On : 23 Apr 2023 02:27  
 Operator : CG/JU  
 Sample : 02399-10  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 COMP4

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: BN025094.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         | 3.722       | 88            | 91          | 109          | rBV      | 386284         | 698439        | 0.56%           | 0.112%        |
| 2         | 5.222       | 335           | 346         | 348          | rBV4     | 45831210       | 108516706     | 86.74%          | 17.366%       |
| 3         | 7.081       | 655           | 662         | 677          | rVB      | 313426         | 529939        | 0.42%           | 0.085%        |
| 4         | 7.246       | 683           | 690         | 702          | rBV      | 1275086        | 2036294       | 1.63%           | 0.326%        |
| 5         | 7.446       | 716           | 724         | 733          | rBV      | 1197911        | 1923635       | 1.54%           | 0.308%        |
| 6         | 7.810       | 776           | 786         | 795          | rBV      | 11224001       | 18912252      | 15.12%          | 3.027%        |
| 7         | 7.987       | 798           | 816         | 821          | rBV4     | 45596028       | 125104457     | 100.00%         | 20.020%       |
| 8         | 8.304       | 857           | 870         | 875          | rBV2     | 43695802       | 111293558     | 88.96%          | 17.810%       |
| 9         | 8.628       | 918           | 925         | 935          | rBV      | 935443         | 1476195       | 1.18%           | 0.236%        |
| 10        | 9.087       | 995           | 1003        | 1006         | rBV      | 1643478        | 2693460       | 2.15%           | 0.431%        |
| 11        | 9.128       | 1006          | 1010        | 1021         | rVB      | 2940252        | 4859547       | 3.88%           | 0.778%        |
| 12        | 9.422       | 1052          | 1060        | 1069         | rBV      | 909441         | 1472071       | 1.18%           | 0.236%        |
| 13        | 9.651       | 1092          | 1099        | 1103         | rBV      | 298117         | 497824        | 0.40%           | 0.080%        |
| 14        | 9.693       | 1103          | 1106        | 1109         | rVV      | 273103         | 467916        | 0.37%           | 0.075%        |
| 15        | 9.734       | 1109          | 1113        | 1120         | rVV      | 459367         | 879095        | 0.70%           | 0.141%        |
| 16        | 9.810       | 1120          | 1126        | 1132         | rVV      | 1359118        | 2228278       | 1.78%           | 0.357%        |
| 17        | 9.869       | 1132          | 1136        | 1142         | rVB      | 176100         | 282288        | 0.23%           | 0.045%        |
| 18        | 10.110      | 1170          | 1177        | 1183         | rVB      | 90922          | 165735        | 0.13%           | 0.027%        |
| 19        | 10.351      | 1210          | 1218        | 1238         | rBV      | 1728206        | 2897568       | 2.32%           | 0.464%        |
| 20        | 10.622      | 1250          | 1264        | 1270         | rBV2     | 42942769       | 106438472     | 85.08%          | 17.033%       |
| 21        | 10.740      | 1277          | 1284        | 1290         | rBV      | 1706232        | 2582553       | 2.06%           | 0.413%        |
| 22        | 10.875      | 1298          | 1307        | 1321         | rVB      | 1382159        | 2357790       | 1.88%           | 0.377%        |
| 23        | 11.128      | 1339          | 1350        | 1359         | rBV      | 21595209       | 39006246      | 31.18%          | 6.242%        |
| 24        | 11.334      | 1378          | 1385        | 1395         | rBV      | 792139         | 1287740       | 1.03%           | 0.206%        |
| 25        | 11.551      | 1412          | 1422        | 1433         | rBV      | 204701         | 387774        | 0.31%           | 0.062%        |
| 26        | 12.028      | 1491          | 1503        | 1512         | rBV3     | 176379         | 353572        | 0.28%           | 0.057%        |
| 27        | 12.293      | 1542          | 1548        | 1556         | rBV2     | 60223          | 151054        | 0.12%           | 0.024%        |
| 28        | 12.722      | 1614          | 1621        | 1623         | rBV      | 438705         | 672331        | 0.54%           | 0.108%        |
| 29        | 12.757      | 1623          | 1627        | 1634         | rVV      | 2230306        | 3341891       | 2.67%           | 0.535%        |
| 30        | 12.992      | 1661          | 1667        | 1678         | rBV      | 217187         | 333754        | 0.27%           | 0.053%        |
| 31        | 13.363      | 1723          | 1730        | 1739         | rBV      | 6941494        | 10411621      | 8.32%           | 1.666%        |
| 32        | 13.975      | 1825          | 1834        | 1840         | rBV      | 3620874        | 5141213       | 4.11%           | 0.823%        |
| 33        | 14.257      | 1875          | 1882        | 1892         | rBV      | 4043081        | 5741294       | 4.59%           | 0.919%        |
| 34        | 14.563      | 1927          | 1934        | 1947         | rVB      | 2393440        | 3551311       | 2.84%           | 0.568%        |
| 35        | 14.757      | 1962          | 1967        | 1979         | rBV      | 305543         | 500071        | 0.40%           | 0.080%        |
| 36        | 14.881      | 1983          | 1988        | 1993         | rVB      | 231512         | 323541        | 0.26%           | 0.052%        |

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 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
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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 | 15.045 | 2010 | 2016 | 2023 | rBV2 | 202802  | 311829   | 0.25% | 0.050% |
| 38 | 15.557 | 2095 | 2103 | 2108 | rBV  | 5007161 | 7166401  | 5.73% | 1.147% |
| 39 | 15.598 | 2108 | 2110 | 2116 | rVV  | 117843  | 144876   | 0.12% | 0.023% |
| 40 | 15.675 | 2116 | 2123 | 2132 | rVV  | 1967834 | 2583774  | 2.07% | 0.413% |
| 41 | 15.922 | 2160 | 2165 | 2177 | rVB  | 705310  | 957942   | 0.77% | 0.153% |
| 42 | 16.480 | 2255 | 2260 | 2264 | rBV  | 179461  | 247478   | 0.20% | 0.040% |
| 43 | 17.310 | 2394 | 2401 | 2411 | rBV  | 2912302 | 4021080  | 3.21% | 0.643% |
| 44 | 17.410 | 2411 | 2418 | 2432 | rVV2 | 5665548 | 7841155  | 6.27% | 1.255% |
| 45 | 18.198 | 2547 | 2552 | 2561 | rBV  | 89223   | 134593   | 0.11% | 0.022% |
| 46 | 19.704 | 2802 | 2808 | 2814 | rBV2 | 7232233 | 9633042  | 7.70% | 1.542% |
| 47 | 21.198 | 3058 | 3062 | 3071 | rBV2 | 148691  | 269259   | 0.22% | 0.043% |
| 48 | 21.498 | 3108 | 3113 | 3126 | rBV2 | 3806311 | 4983162  | 3.98% | 0.797% |
| 49 | 23.786 | 3494 | 3502 | 3513 | rBV2 | 5843839 | 11434771 | 9.14% | 1.830% |
| 50 | 23.939 | 3521 | 3528 | 3542 | rVB2 | 2673191 | 5635428  | 4.50% | 0.902% |

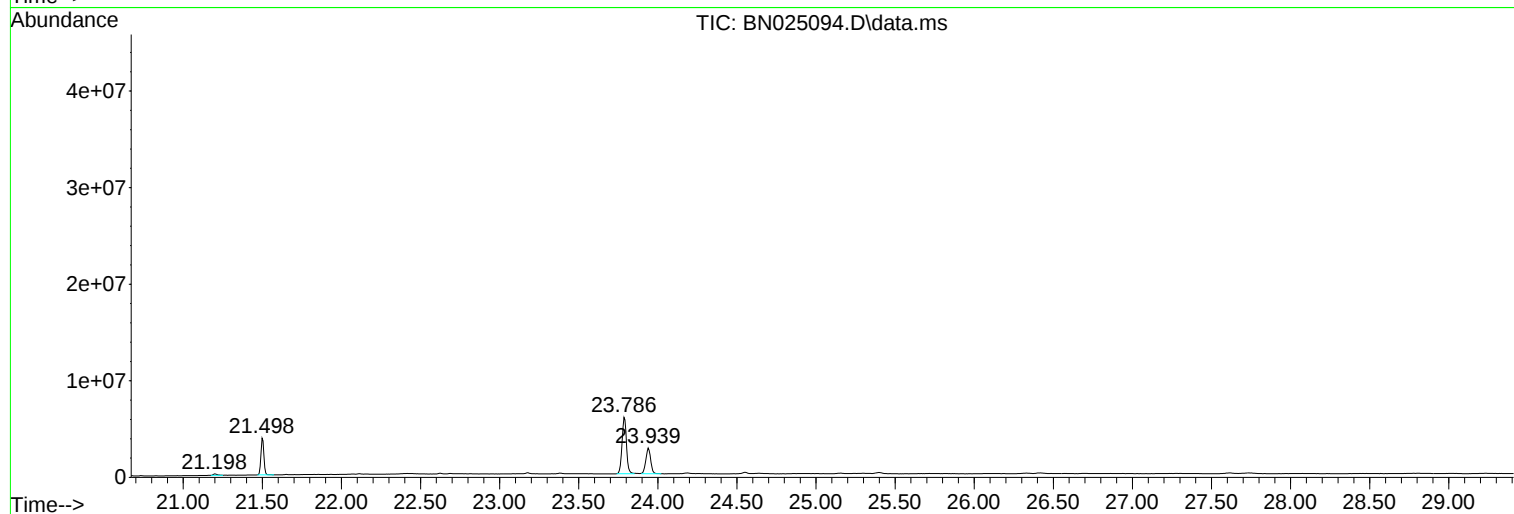
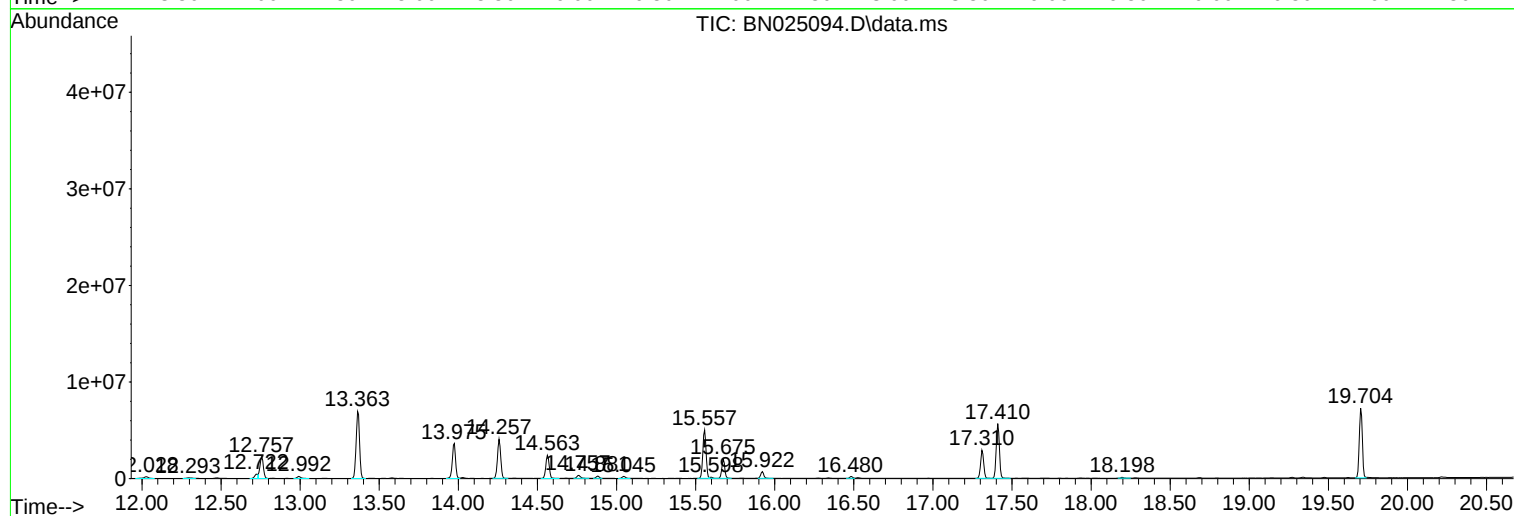
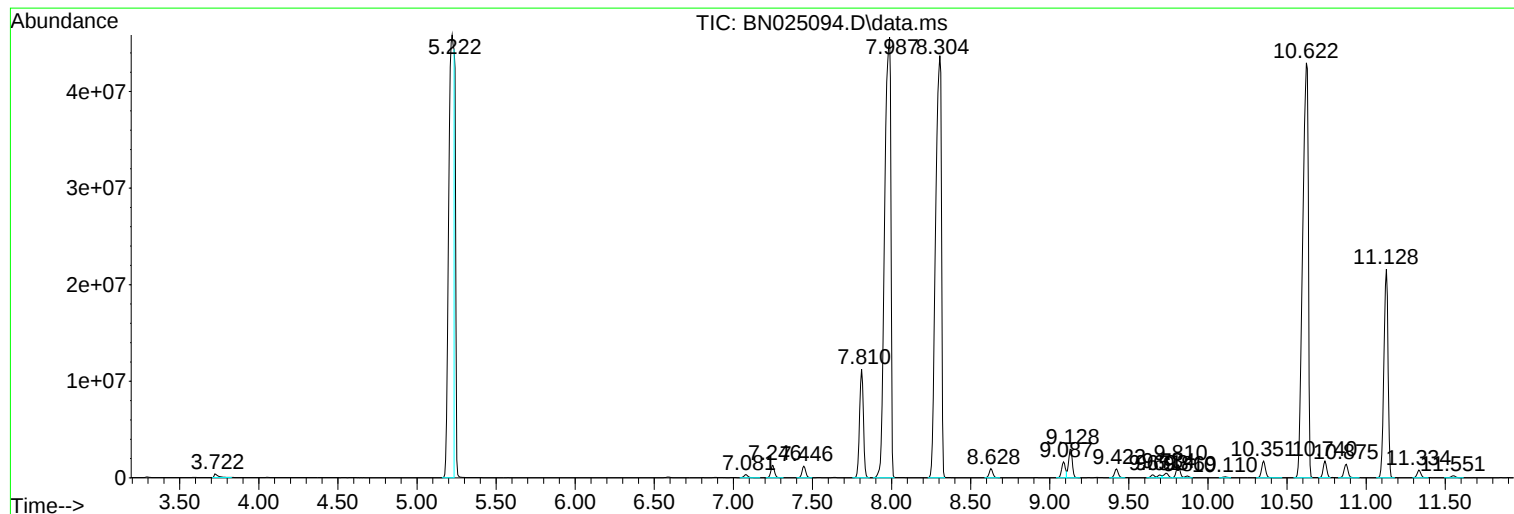
Sum of corrected areas: 624882275

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BNA\_N  
ClientSampleId :  
COMP4

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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Sample : 02399-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

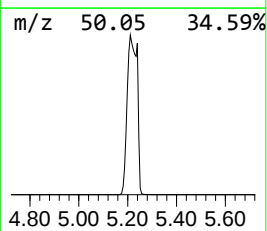
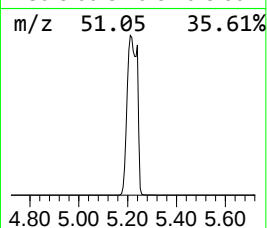
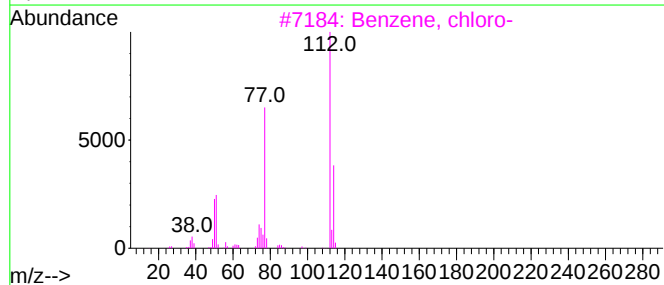
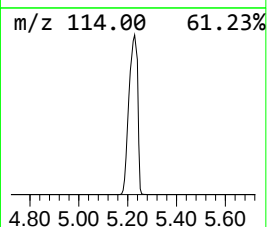
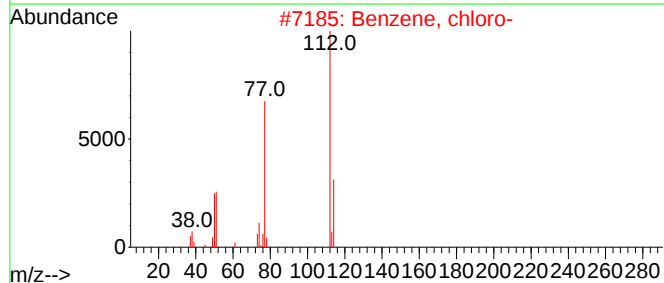
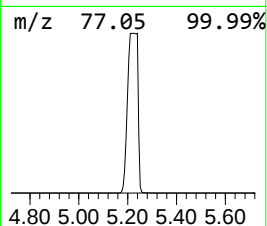
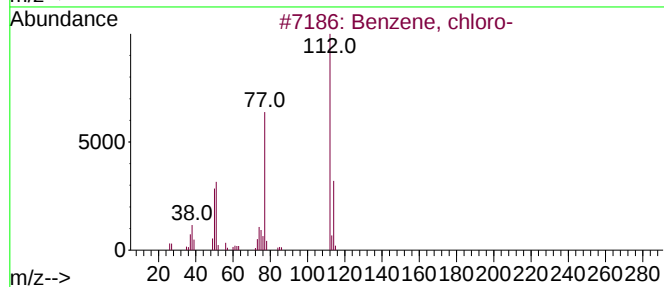
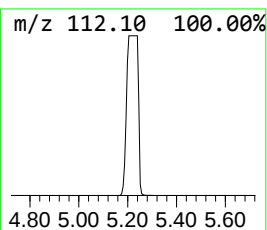
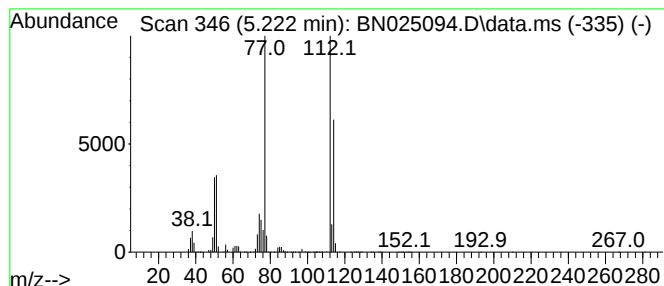
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzene, chloro- Concentration Rank 6

| R.T.  | EstConc     | Area      | Relative to ISTD       | R.T.  |
|-------|-------------|-----------|------------------------|-------|
| 5.222 | 17.35 ng/ul | 108517000 | 1,4-Dichlorobenzene-d4 | 7.928 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 94   |
| 2    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 93   |
| 3    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 93   |
| 4    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 90   |
| 5    |    |   | Benzene, chloro- | 112 | C6H5Cl  | 000108-90-7 | 90   |



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Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

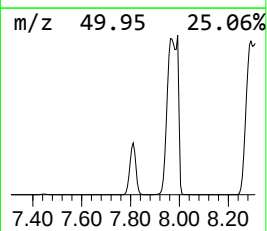
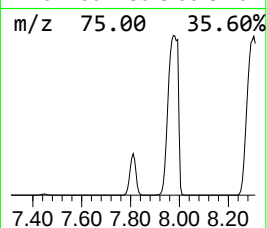
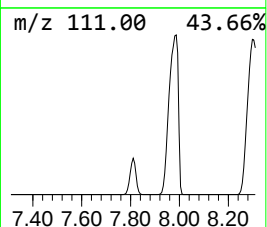
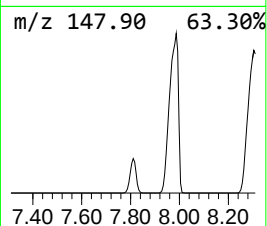
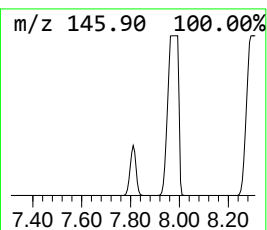
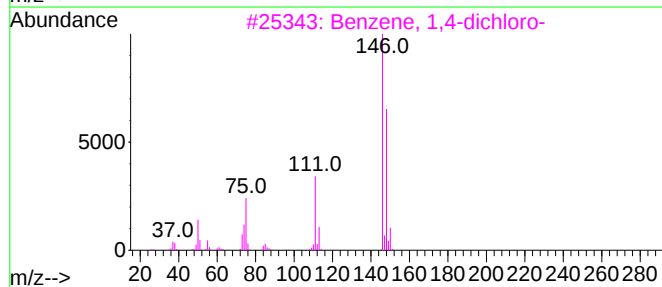
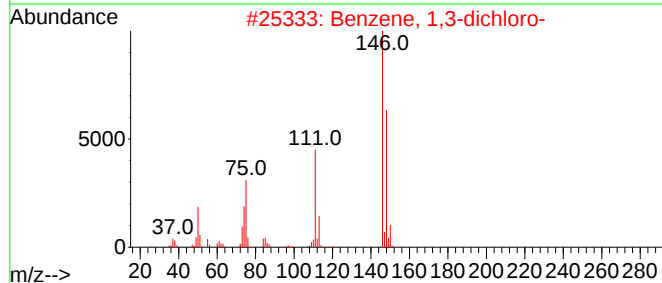
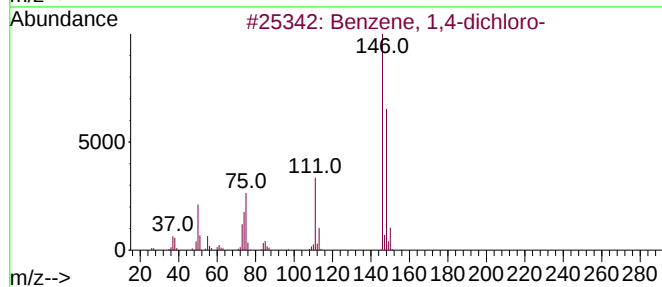
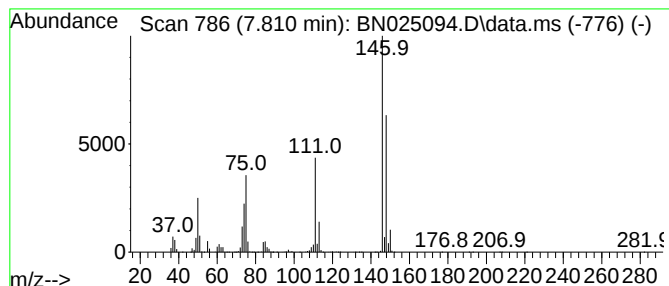
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 13

| R.T.  | EstConc    | Area     | Relative to ISTD       | R.T.  |
|-------|------------|----------|------------------------|-------|
| 7.810 | 3.02 ng/ul | 18912300 | 1,4-Dichlorobenzene-d4 | 7.928 |

| 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, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 97   |
| 4    |    |   | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 97   |
| 5    |    |   | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 96   |



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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

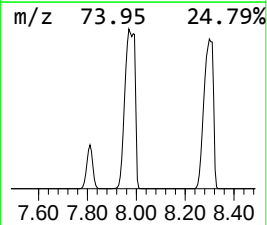
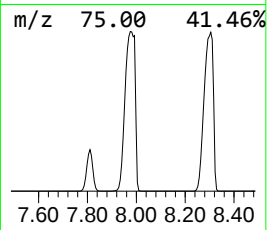
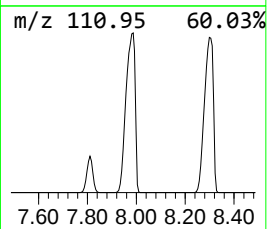
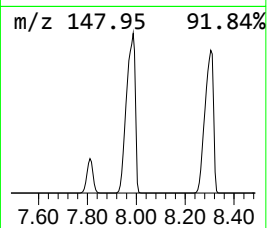
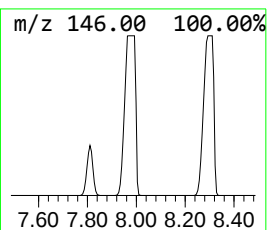
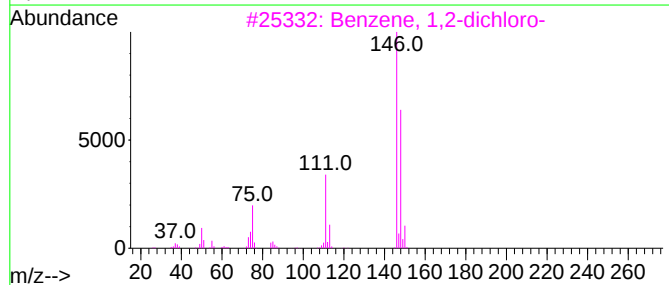
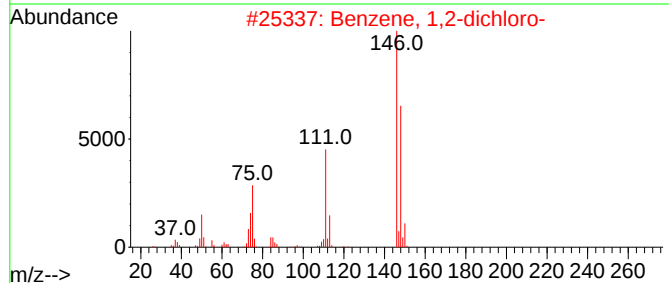
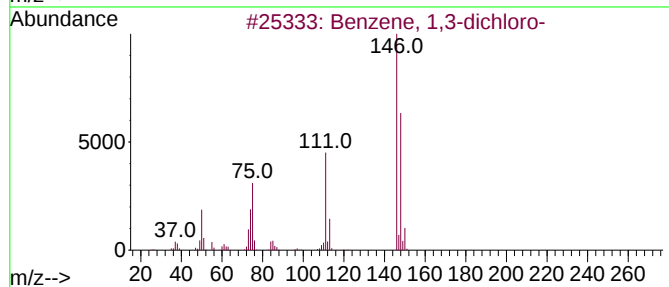
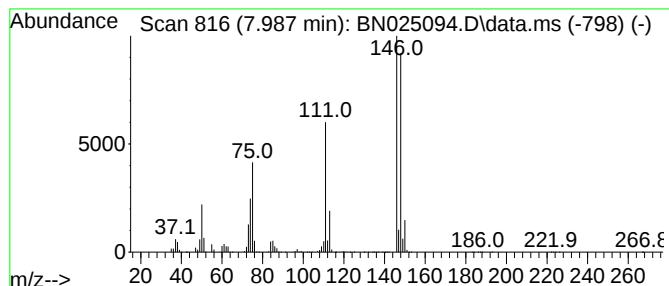
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 4

| R.T.  | EstConc     | Area      | Relative to ISTD       | R.T.  |
|-------|-------------|-----------|------------------------|-------|
| 7.987 | 20.00 ng/ul | 125104000 | 1,4-Dichlorobenzene-d4 | 7.928 |

| 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 | 96   |
| 3    |    |   | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 96   |
| 4    |    |   | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 96   |
| 5    |    |   | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 96   |



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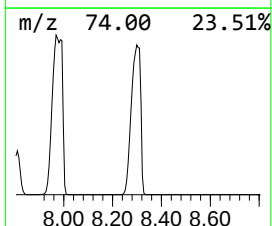
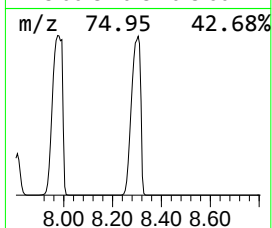
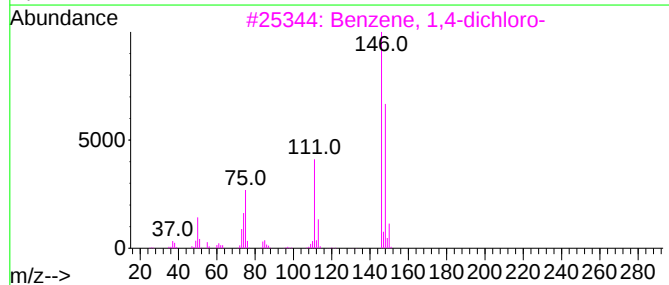
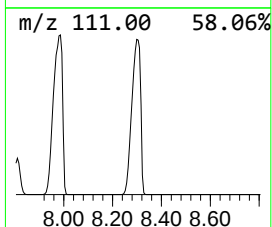
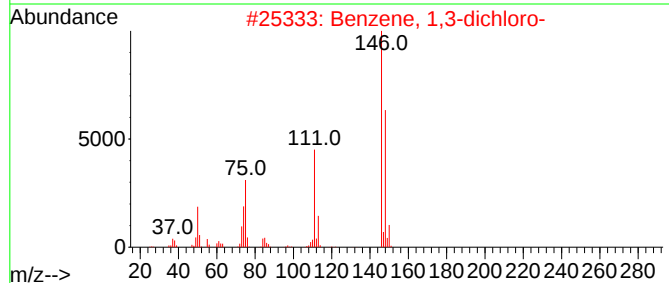
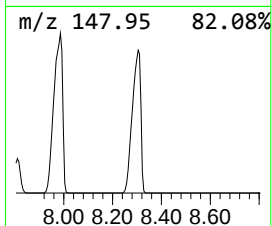
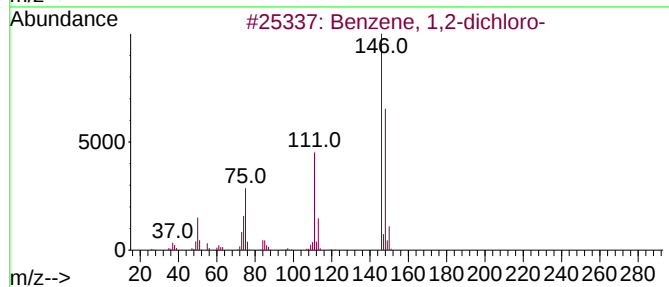
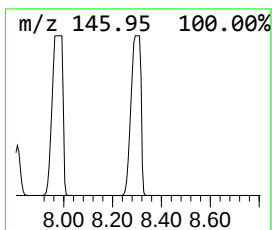
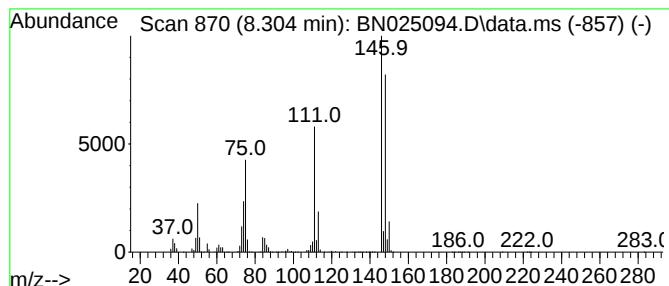
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Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc     | Area      | Relative to ISTD       | R.T.  |
|-------|-------------|-----------|------------------------|-------|
| 8.304 | 17.79 ng/ul | 111294000 | 1,4-Dichlorobenzene-d4 | 7.928 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025094.D  
Acq On : 23 Apr 2023 02:27  
Operator : CG/JU  
Sample : 02399-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

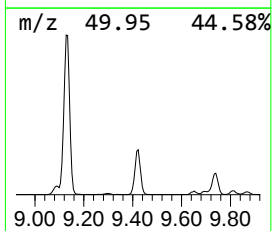
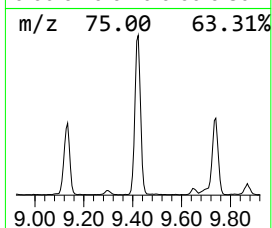
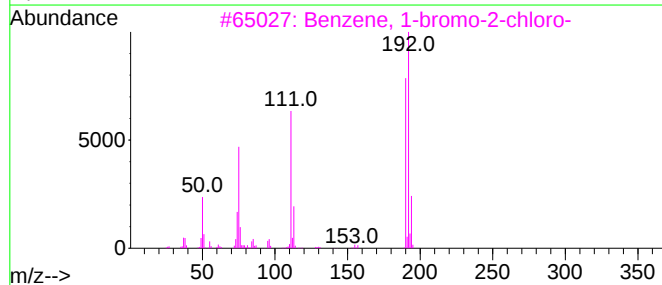
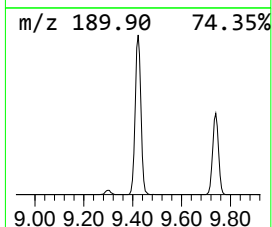
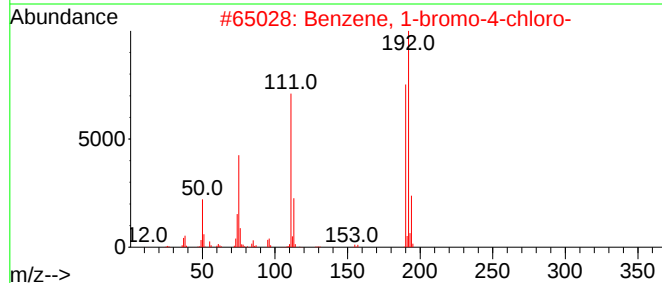
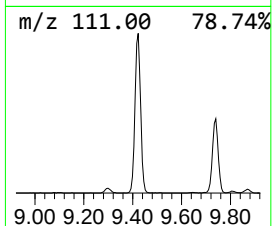
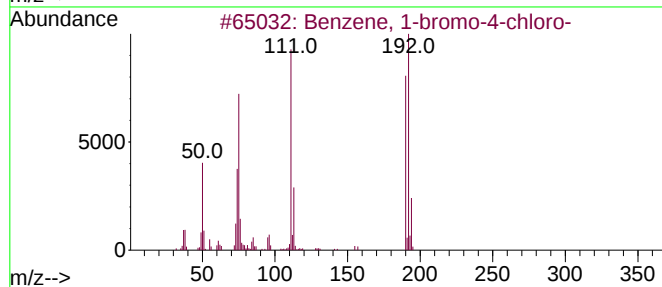
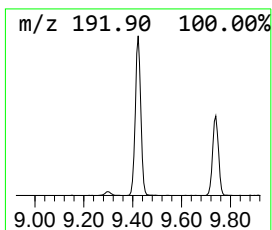
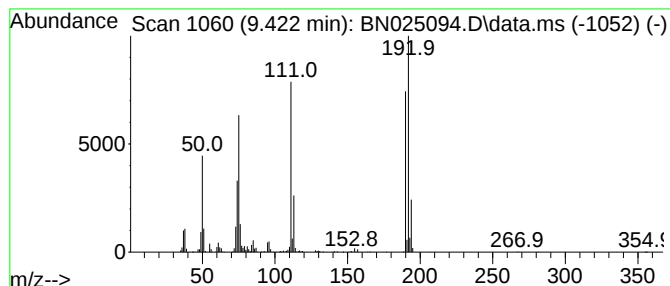
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Benzene, 1-bromo-4-chloro- Concentration Rank 7

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.   |
|-------|-------------|---------|------------------|--------|
| 9.422 | 11.40 ng/ul | 1472070 | Naphthalene-d8   | 10.740 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025094.D  
Acq On : 23 Apr 2023 02:27  
Operator : CG/JU  
Sample : 02399-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

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

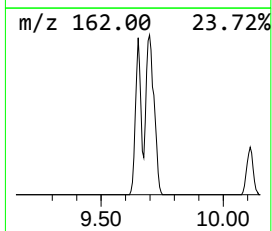
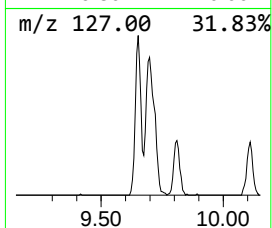
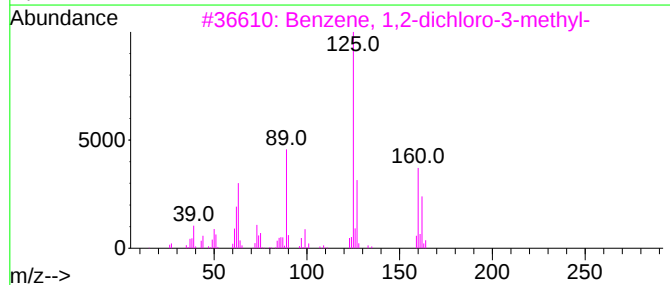
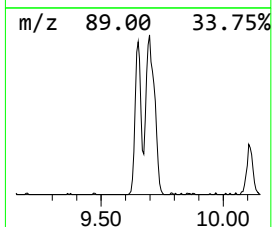
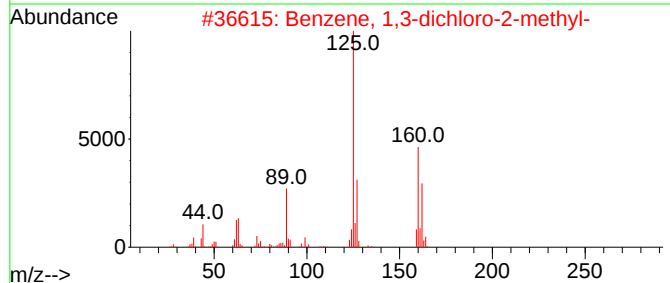
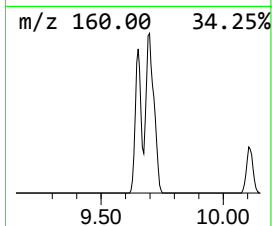
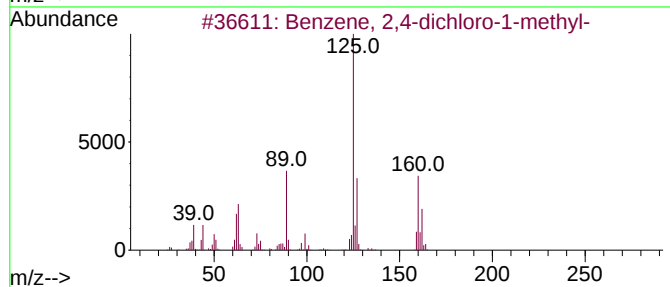
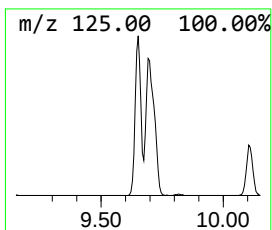
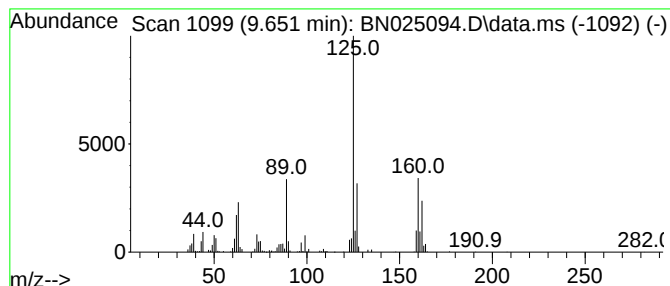
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Benzene, 2,4-dichloro-1-met... Concentration Rank 11

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.651 | 3.86 ng/ul | 497824 | Naphthalene-d8   | 10.740 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2,4-dichloro-1-methyl- | 160 | C7H6Cl2 | 000095-73-8 | 98   |
| 2    |    |   | Benzene, 1,3-dichloro-2-methyl- | 160 | C7H6Cl2 | 000118-69-4 | 97   |
| 3    |    |   | Benzene, 1,2-dichloro-3-methyl- | 160 | C7H6Cl2 | 032768-54-0 | 97   |
| 4    |    |   | Benzene, 1,3-dichloro-5-methyl- | 160 | C7H6Cl2 | 025186-47-4 | 97   |
| 5    |    |   | Benzene, 1,2-dichloro-3-methyl- | 160 | C7H6Cl2 | 032768-54-0 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025094.D  
Acq On : 23 Apr 2023 02:27  
Operator : CG/JU  
Sample : 02399-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

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

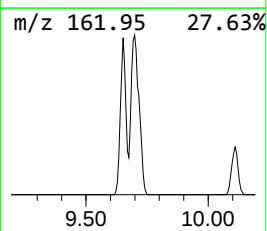
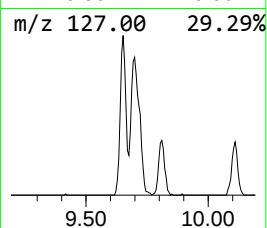
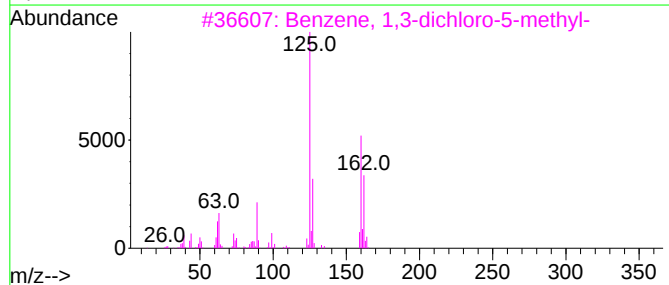
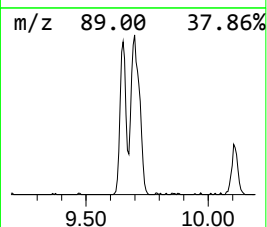
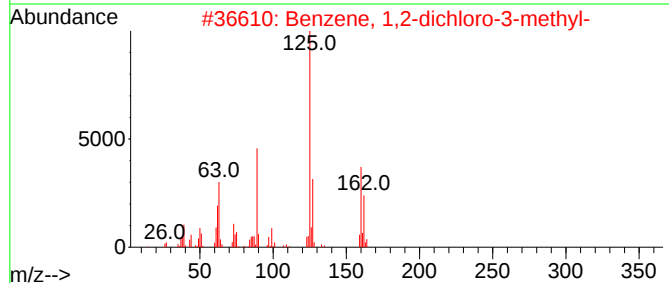
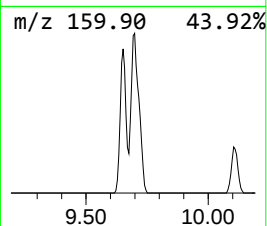
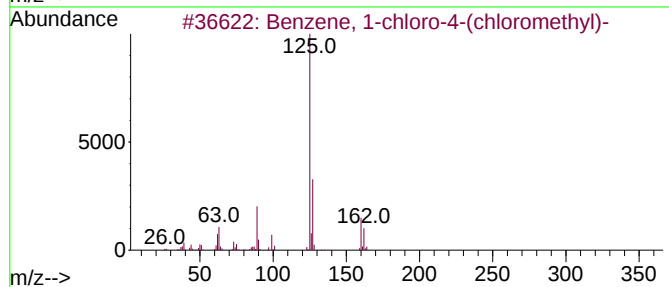
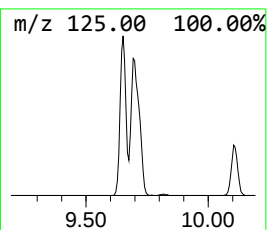
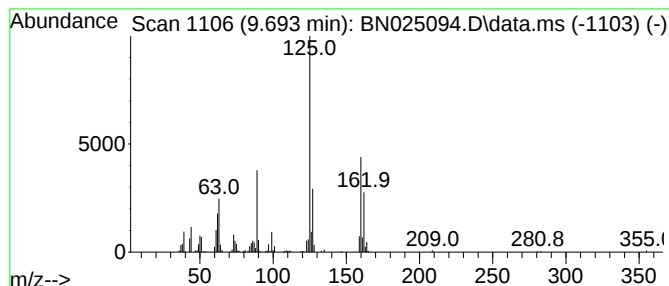
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzene, 1-chloro-4-(chloro... Concentration Rank 12

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.693 | 3.62 ng/ul | 467916 | Naphthalene-d8   | 10.740 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-chloro-4-(chloromethyl)- | 160 | C7H6Cl2 | 000104-83-6 | 97   |
| 2    |    |   | Benzene, 1,2-dichloro-3-methyl-     | 160 | C7H6Cl2 | 032768-54-0 | 97   |
| 3    |    |   | Benzene, 1,3-dichloro-5-methyl-     | 160 | C7H6Cl2 | 025186-47-4 | 97   |
| 4    |    |   | Benzene, 1,4-dichloro-2-methyl-     | 160 | C7H6Cl2 | 019398-61-9 | 96   |
| 5    |    |   | Benzene, 1,2-dichloro-3-methyl-     | 160 | C7H6Cl2 | 032768-54-0 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025094.D  
Acq On : 23 Apr 2023 02:27  
Operator : CG/JU  
Sample : 02399-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

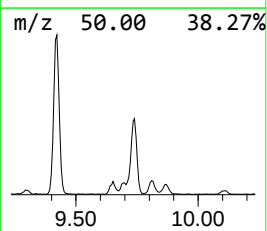
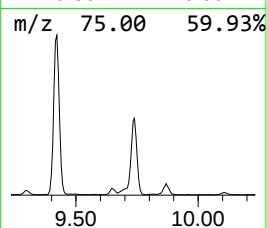
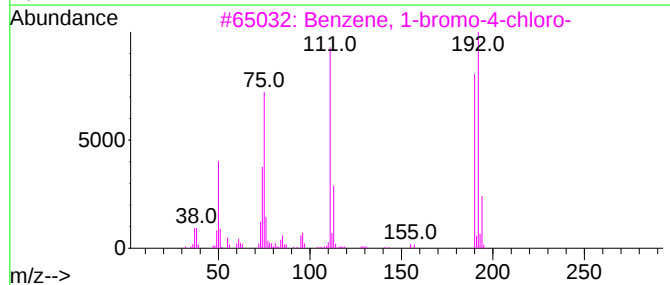
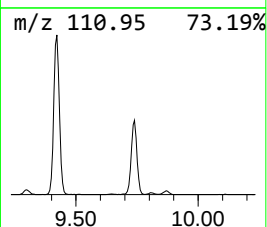
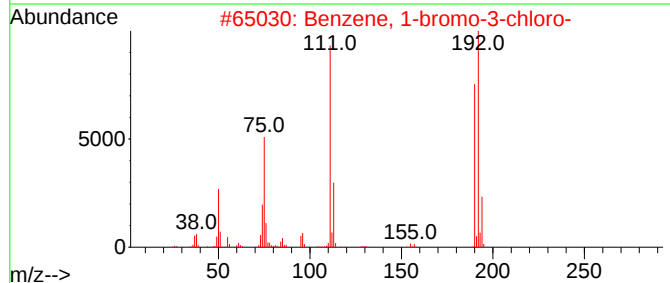
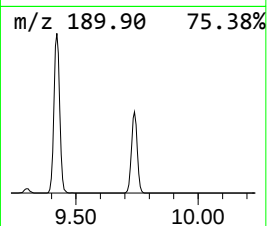
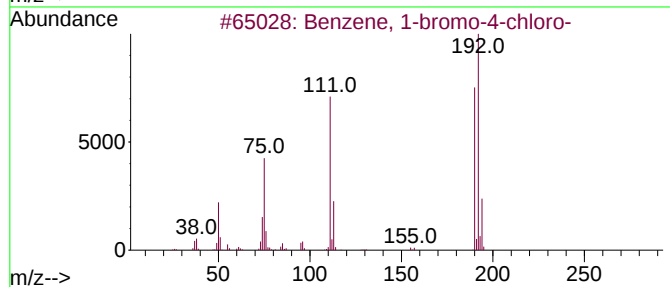
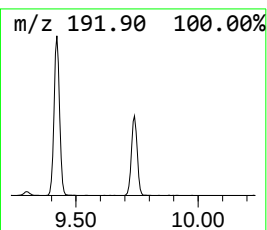
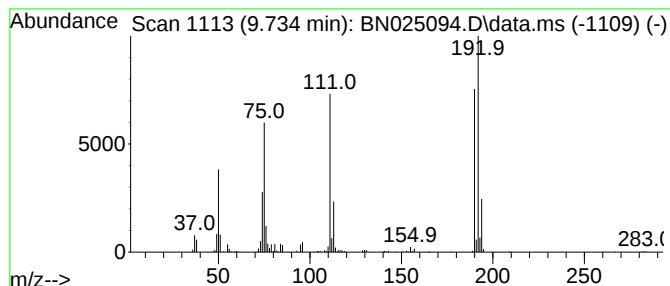
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 Benzene, 1-bromo-3-chloro- Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.734 | 6.81 ng/ul | 879095 | Naphthalene-d8   | 10.740 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 98   |
| 2    |    |   | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 97   |
| 3    |    |   | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 96   |
| 4    |    |   | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 95   |
| 5    |    |   | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 95   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025094.D  
Acq On : 23 Apr 2023 02:27  
Operator : CG/JU  
Sample : 02399-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

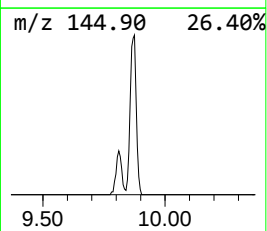
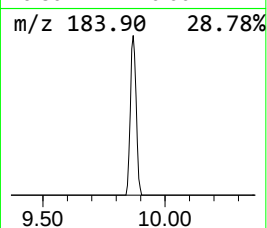
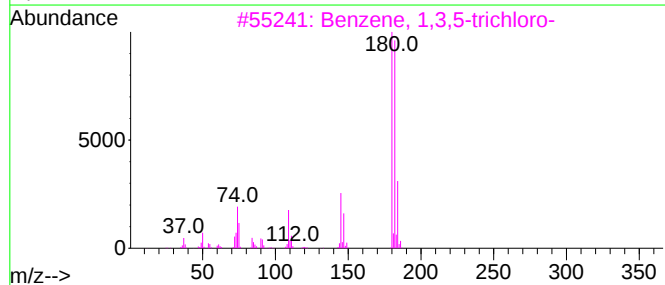
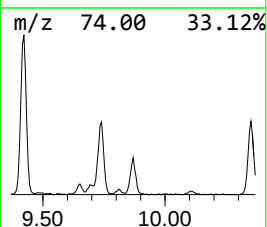
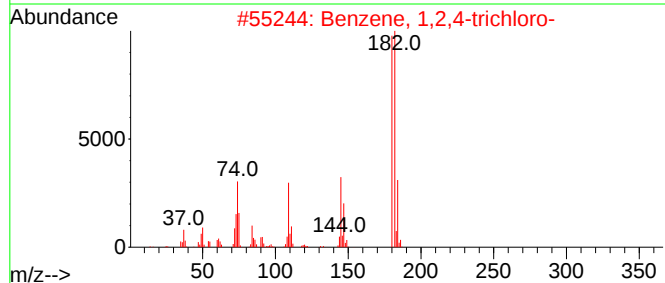
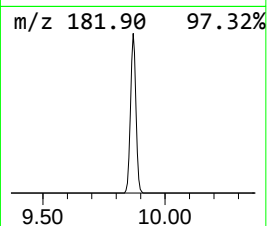
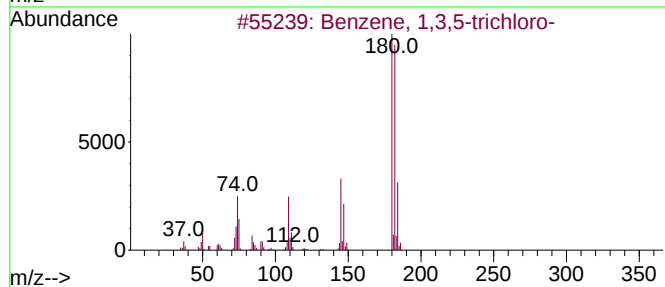
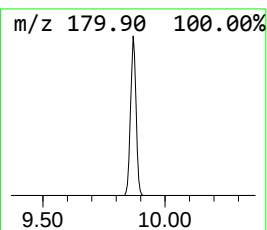
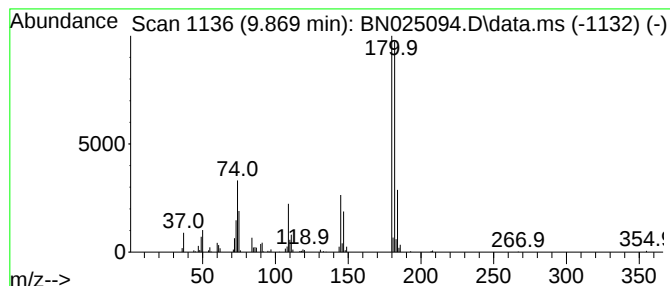
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Benzene, 1,3,5-trichloro- Concentration Rank 16

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.   |
|-------|------------|--------|------------------|--------|
| 9.869 | 2.19 ng/ul | 282288 | Naphthalene-d8   | 10.740 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025094.D  
Acq On : 23 Apr 2023 02:27  
Operator : CG/JU  
Sample : 02399-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

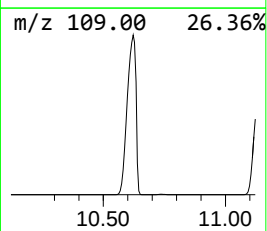
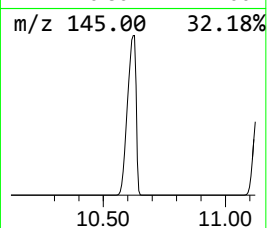
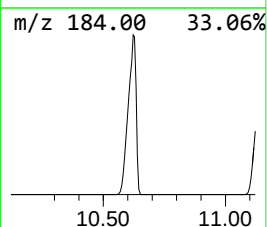
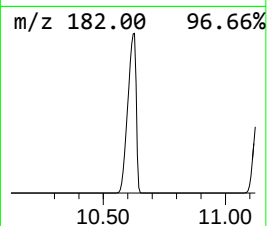
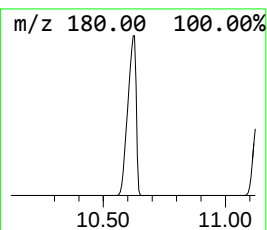
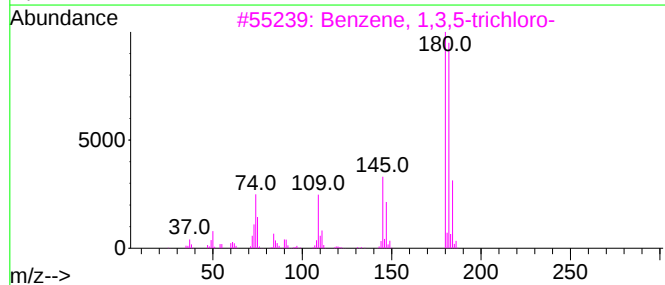
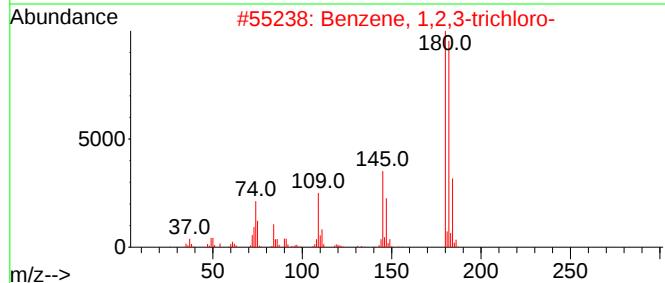
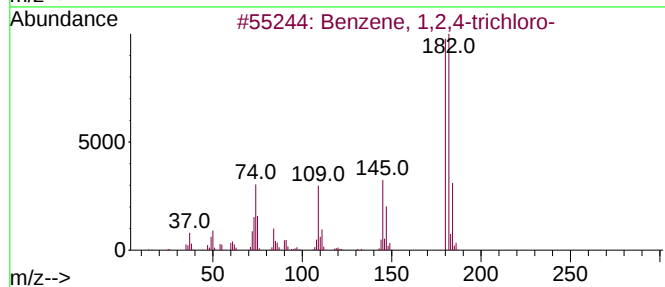
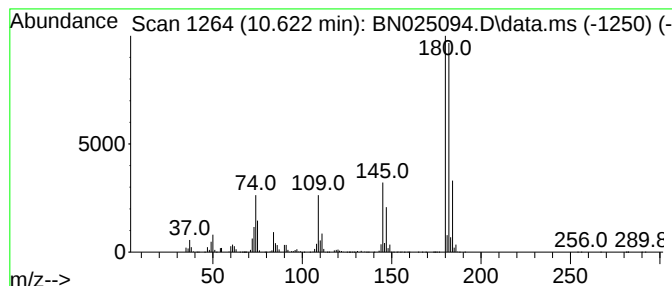
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 Benzene, 1,2,4-trichloro- Concentration Rank 1

| R.T.   | EstConc      | Area      | Relative to ISTD | R.T.   |
|--------|--------------|-----------|------------------|--------|
| 10.622 | 824.29 ng/ul | 106438000 | Naphthalene-d8   | 10.740 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4-trichloro- | 180 | C6H3Cl3 | 000120-82-1 | 99   |
| 2    |    |   | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 99   |
| 3    |    |   | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 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 : BN025094.D  
Acq On : 23 Apr 2023 02:27  
Operator : CG/JU  
Sample : 02399-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

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

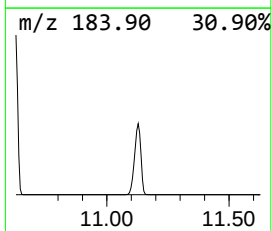
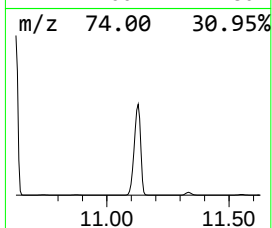
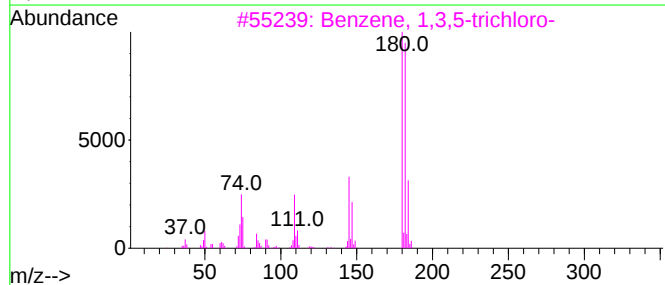
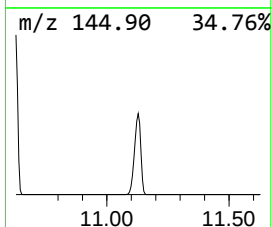
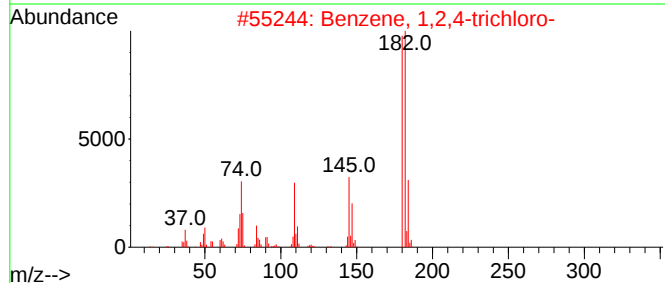
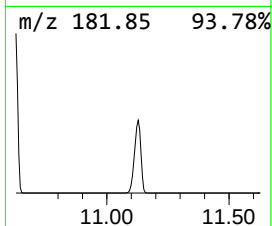
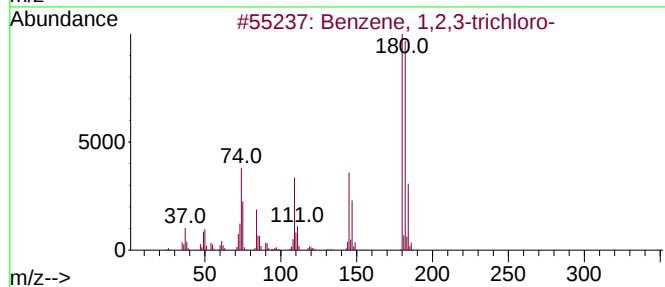
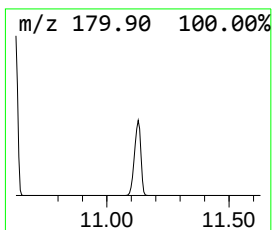
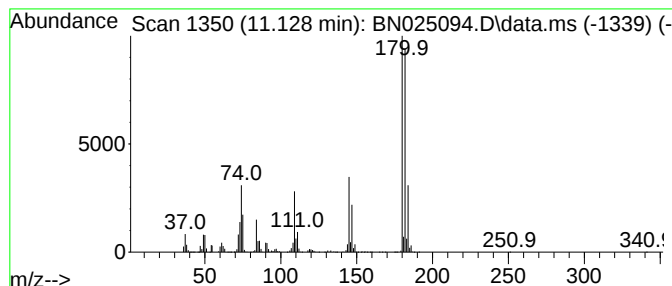
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 Benzene, 1,2,3-trichloro- Concentration Rank 2

| R.T.   | EstConc      | Area     | Relative to ISTD | R.T.   |
|--------|--------------|----------|------------------|--------|
| 11.128 | 302.07 ng/ul | 39006200 | Naphthalene-d8   | 10.740 |

| 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, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98   |
| 4    |      | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 98   |
| 5    |      | Benzene, 1,2,4-trichloro- | 180 | C6H3Cl3 | 000120-82-1 | 97   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025094.D  
Acq On : 23 Apr 2023 02:27  
Operator : CG/JU  
Sample : 02399-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

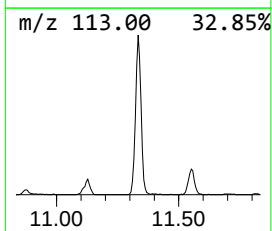
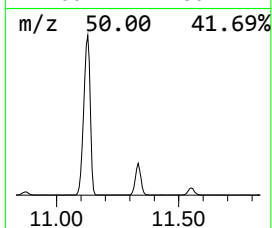
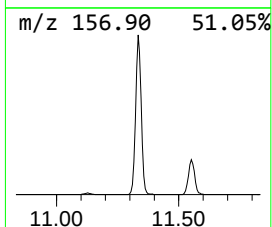
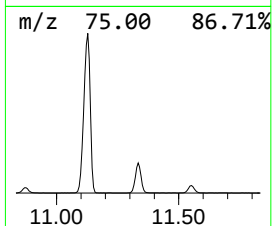
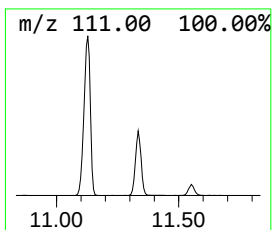
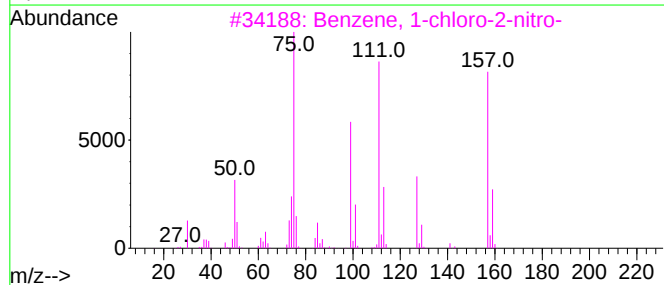
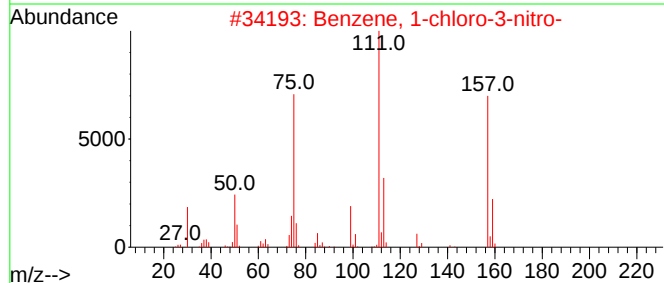
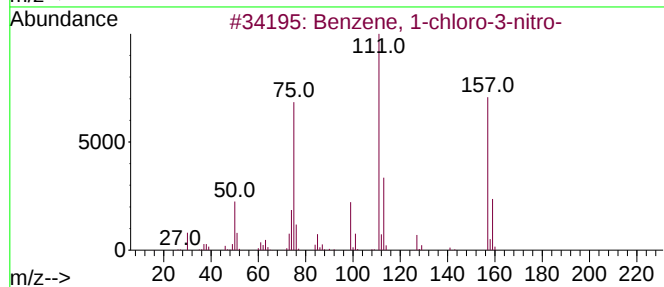
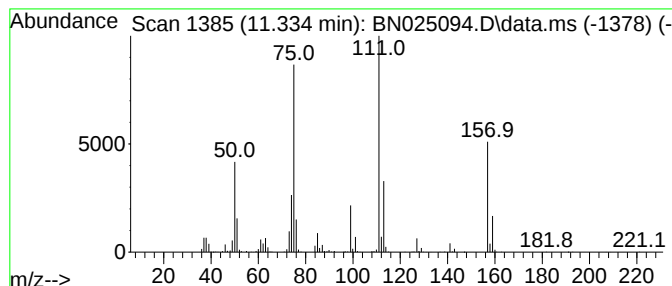
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 Benzene, 1-chloro-3-nitro- Concentration Rank 8

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 11.334 | 9.97 ng/ul | 1287740 | Naphthalene-d8   | 10.740 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm   | CAS#        | Qual |
|------|----|---|----------------------------|-----|-----------|-------------|------|
| 1    |    |   | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 96   |
| 2    |    |   | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 90   |
| 3    |    |   | Benzene, 1-chloro-2-nitro- | 157 | C6H4ClNO2 | 000088-73-3 | 89   |
| 4    |    |   | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 87   |
| 5    |    |   | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025094.D  
Acq On : 23 Apr 2023 02:27  
Operator : CG/JU  
Sample : 02399-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

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

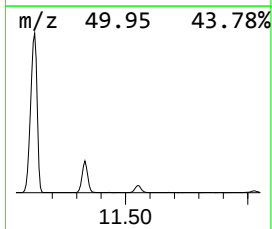
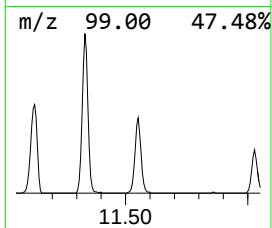
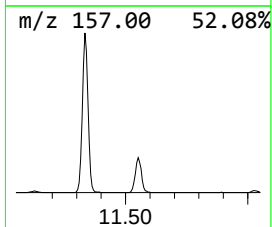
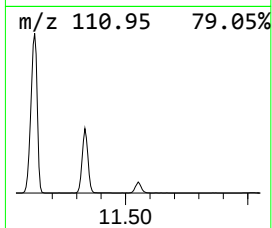
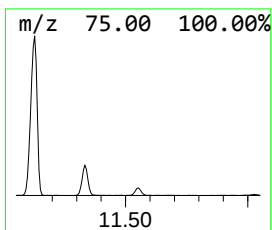
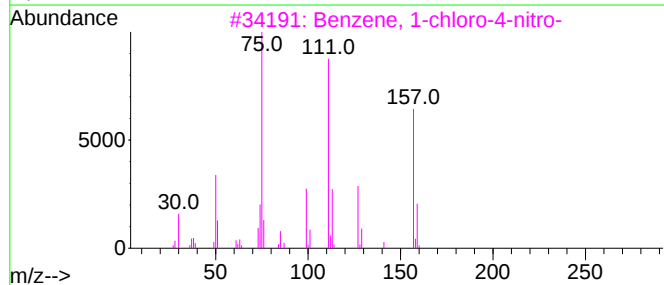
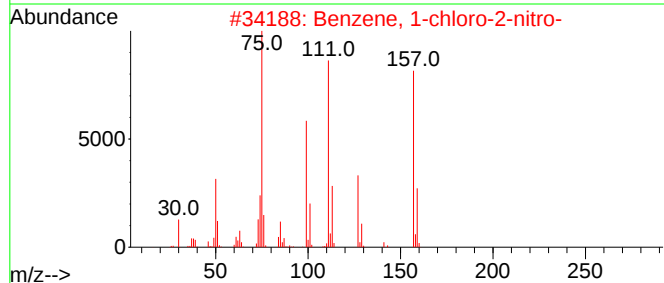
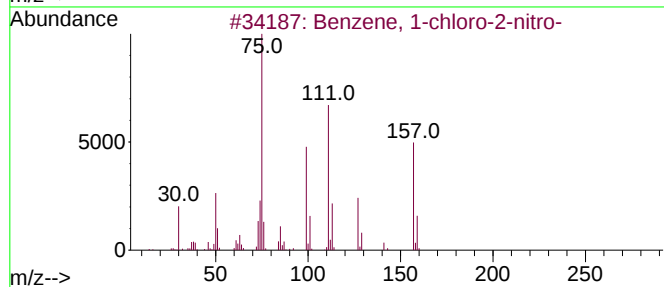
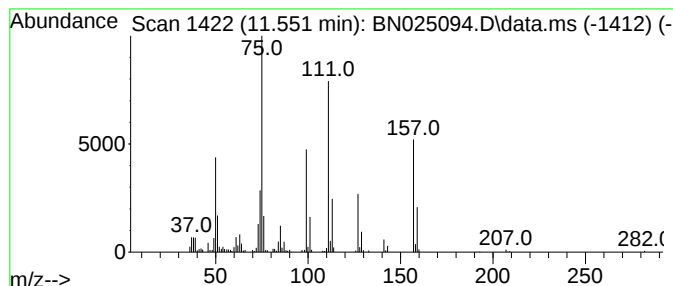
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 Benzene, 1-chloro-2-nitro- Concentration Rank 14

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 11.551 | 3.00 ng/ul | 387774 | Naphthalene-d8   | 10.740 |

| Hit# | of 5 | Tentative ID               | MW  | MolForm   | CAS#        | Qual |
|------|------|----------------------------|-----|-----------|-------------|------|
| 1    |      | Benzene, 1-chloro-2-nitro- | 157 | C6H4ClNO2 | 000088-73-3 | 98   |
| 2    |      | Benzene, 1-chloro-2-nitro- | 157 | C6H4ClNO2 | 000088-73-3 | 97   |
| 3    |      | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 94   |
| 4    |      | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 93   |
| 5    |      | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025094.D  
Acq On : 23 Apr 2023 02:27  
Operator : CG/JU  
Sample : 02399-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

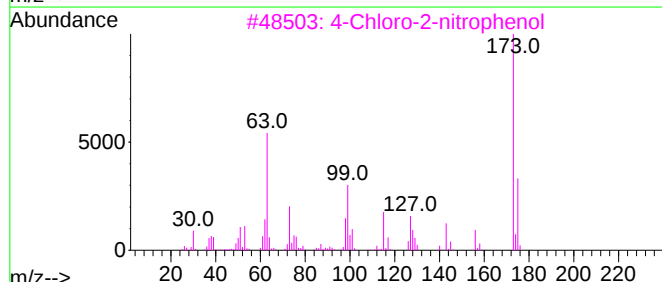
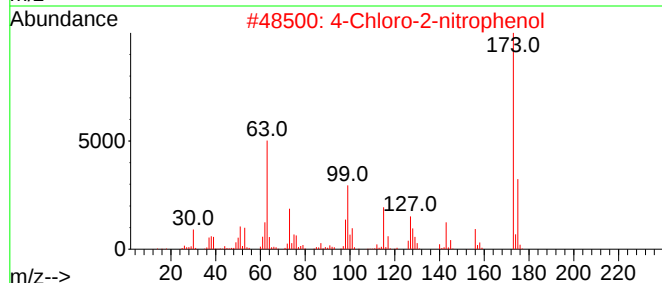
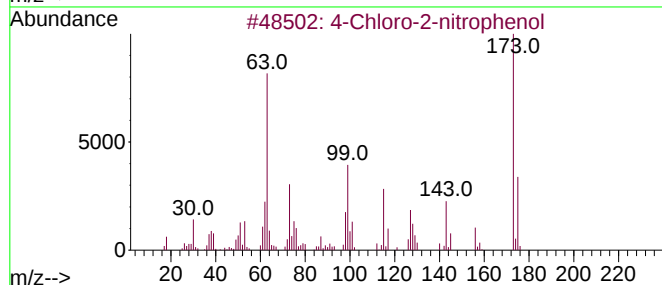
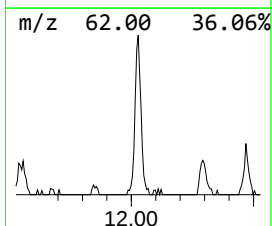
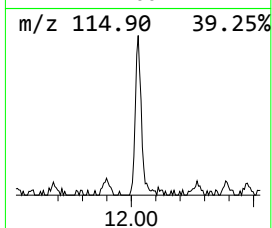
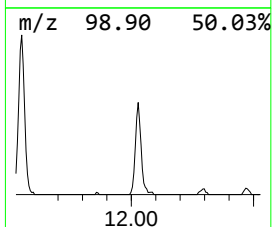
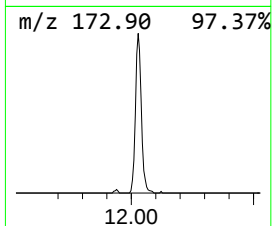
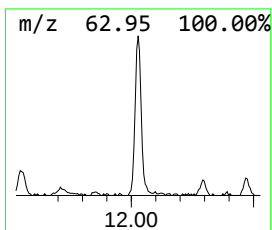
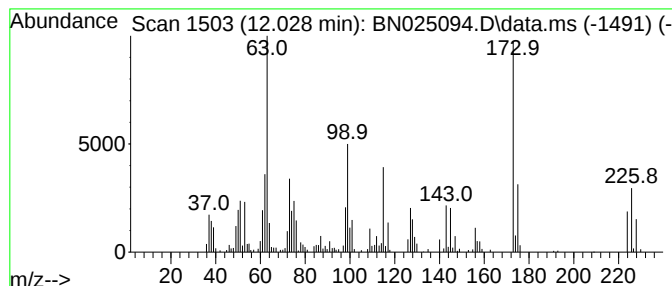
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Quant Title : SVOA CALIBRATION

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

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Peak Number 14 4-Chloro-2-nitrophenol Concentration Rank 15

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 12.028 | 2.74 ng/ul | 353572 | Naphthalene-d8   | 10.740 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm   | CAS#        | Qual |
|------|------|------------------------|-----|-----------|-------------|------|
| 1    |      | 4-Chloro-2-nitrophenol | 173 | C6H4ClNO3 | 000089-64-5 | 97   |
| 2    |      | 4-Chloro-2-nitrophenol | 173 | C6H4ClNO3 | 000089-64-5 | 96   |
| 3    |      | 4-Chloro-2-nitrophenol | 173 | C6H4ClNO3 | 000089-64-5 | 95   |
| 4    |      | 3-Chloro-4-nitrophenol | 173 | C6H4ClNO3 | 000491-11-2 | 93   |
| 5    |      | 2-Chloro-6-nitrophenol | 173 | C6H4ClNO3 | 000603-86-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025094.D  
Acq On : 23 Apr 2023 02:27  
Operator : CG/JU  
Sample : 02399-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

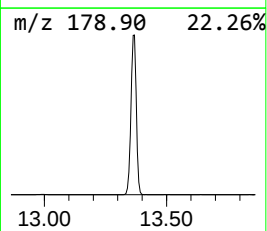
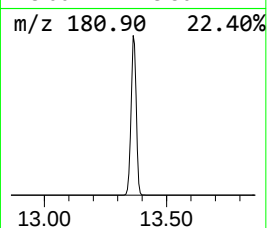
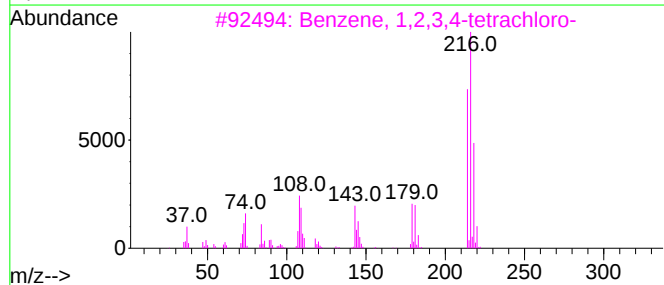
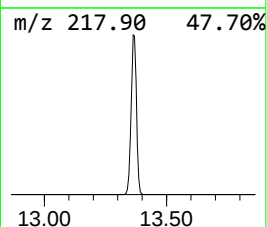
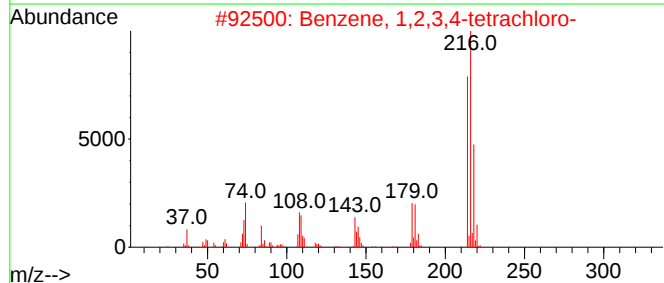
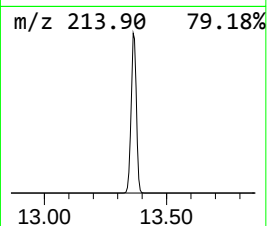
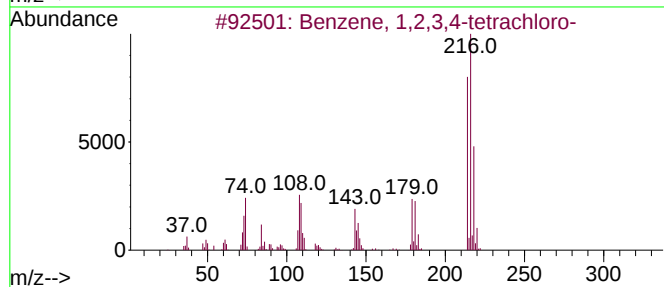
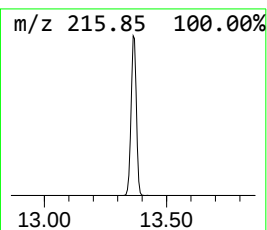
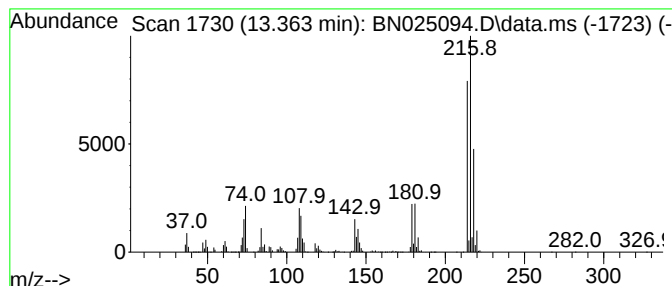
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc     | Area     | Relative to ISTD | R.T.   |
|--------|-------------|----------|------------------|--------|
| 13.363 | 58.64 ng/ul | 10411600 | 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, 1,2,3,4-tetrachloro- | 214 | C6H2Cl4 | 000634-66-2 | 99   |
| 4    |    |   | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 99   |
| 5    |    |   | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 99   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042223\  
Data File : BN025094.D  
Acq On : 23 Apr 2023 02:27  
Operator : CG/JU  
Sample : 02399-10  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COMP4

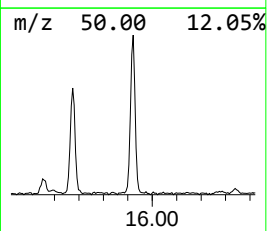
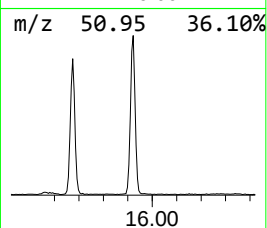
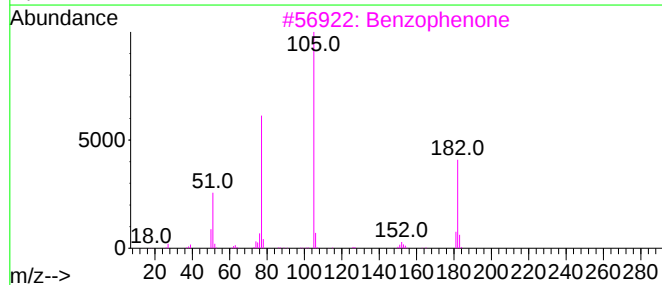
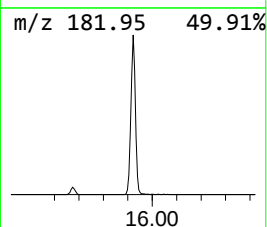
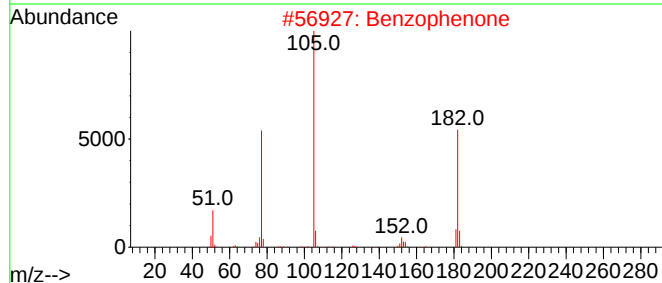
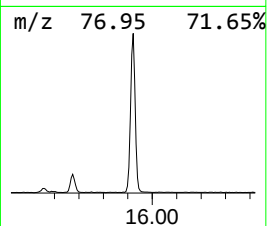
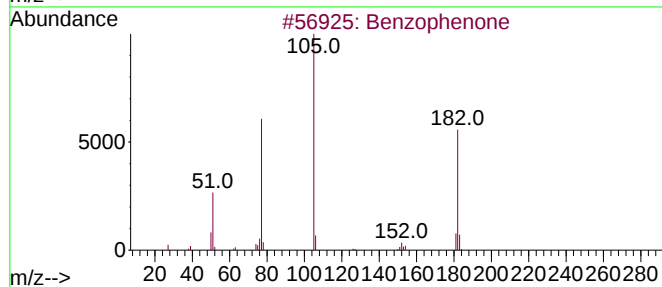
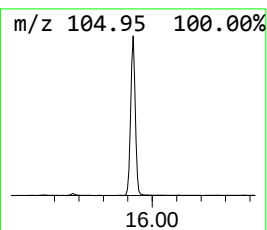
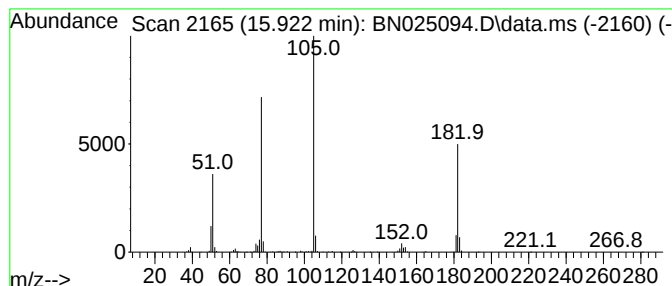
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 16 Benzophenone Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 15.922 | 5.39 ng/ul | 957942 | 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 | 95   |
| 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 : BN025094.D  
 Acq On : 23 Apr 2023 02:27  
 Operator : CG/JU  
 Sample : 02399-10  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 COMP4

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-   | 5.222  | 17.4    | ng/ul | 108517000 | 1                     | 7.928  | 125104000 | 20.0 |
| Benzene, 1,4-di... | 7.810  | 3.0     | ng/ul | 18912300  | 1                     | 7.928  | 125104000 | 20.0 |
| Benzene, 1,3-di... | 7.987  | 20.0    | ng/ul | 125104000 | 1                     | 7.928  | 125104000 | 20.0 |
| Benzene, 1,2-di... | 8.304  | 17.8    | ng/ul | 111294000 | 1                     | 7.928  | 125104000 | 20.0 |
| Benzene, 1-brom... | 9.422  | 11.4    | ng/ul | 1472070   | 2                     | 10.740 | 2582550   | 20.0 |
| Benzene, 2,4-di... | 9.651  | 3.9     | ng/ul | 497824    | 2                     | 10.740 | 2582550   | 20.0 |
| Benzene, 1-chlo... | 9.693  | 3.6     | ng/ul | 467916    | 2                     | 10.740 | 2582550   | 20.0 |
| Benzene, 1-brom... | 9.734  | 6.8     | ng/ul | 879095    | 2                     | 10.740 | 2582550   | 20.0 |
| Benzene, 1,3,5-... | 9.869  | 2.2     | ng/ul | 282288    | 2                     | 10.740 | 2582550   | 20.0 |
| Benzene, 1,2,4-... | 10.622 | 824.3   | ng/ul | 106438000 | 2                     | 10.740 | 2582550   | 20.0 |
| Benzene, 1,2,3-... | 11.128 | 302.1   | ng/ul | 39006200  | 2                     | 10.740 | 2582550   | 20.0 |
| Benzene, 1-chlo... | 11.334 | 10.0    | ng/ul | 1287740   | 2                     | 10.740 | 2582550   | 20.0 |
| Benzene, 1-chlo... | 11.551 | 3.0     | ng/ul | 387774    | 2                     | 10.740 | 2582550   | 20.0 |
| 4-Chloro-2-nitr... | 12.028 | 2.7     | ng/ul | 353572    | 2                     | 10.740 | 2582550   | 20.0 |
| Benzene, 1,2,3,... | 13.363 | 58.6    | ng/ul | 10411600  | 3                     | 14.563 | 3551310   | 20.0 |
| Benzophenone       | 15.922 | 5.4     | ng/ul | 957942    | 3                     | 14.563 | 3551310   | 20.0 |