

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042523\  
 Data File : BN025129.D  
 Acq On : 25 Apr 2023 14:47  
 Operator : CG/JU  
 Sample : 02400-05DL 5X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 COML5DL

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

Signal : TIC: BN025129.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         | 3.740       | 92            | 94          | 106          | rBV      | 57529          | 118331        | 0.19%           | 0.061%        |
| 2         | 5.199       | 335           | 342         | 357          | rVB      | 1296229        | 1992453       | 3.19%           | 1.026%        |
| 3         | 7.075       | 654           | 661         | 667          | rBV      | 74760          | 122822        | 0.20%           | 0.063%        |
| 4         | 7.240       | 682           | 689         | 697          | rBV      | 332625         | 522411        | 0.84%           | 0.269%        |
| 5         | 7.440       | 717           | 723         | 733          | rBV      | 295960         | 474823        | 0.76%           | 0.245%        |
| 6         | 7.799       | 776           | 784         | 794          | rBV      | 1724684        | 2694022       | 4.32%           | 1.387%        |
| 7         | 7.911       | 794           | 803         | 805          | rBV      | 1350879        | 2052221       | 3.29%           | 1.057%        |
| 8         | 7.946       | 805           | 809         | 821          | rVB      | 6480256        | 10488701      | 16.81%          | 5.402%        |
| 9         | 8.269       | 855           | 864         | 875          | rBV      | 18554500       | 31268972      | 50.10%          | 16.104%       |
| 10        | 8.622       | 918           | 924         | 934          | rBV      | 217317         | 365669        | 0.59%           | 0.188%        |
| 11        | 9.081       | 995           | 1002        | 1011         | rBV      | 370023         | 623613        | 1.00%           | 0.321%        |
| 12        | 9.805       | 1118          | 1125        | 1132         | rBV      | 278710         | 467221        | 0.75%           | 0.241%        |
| 13        | 10.346      | 1209          | 1217        | 1230         | rBV      | 396788         | 675662        | 1.08%           | 0.348%        |
| 14        | 10.605      | 1248          | 1261        | 1267         | rBV      | 31880361       | 62411342      | 100.00%         | 32.142%       |
| 15        | 10.728      | 1275          | 1282        | 1289         | rBV      | 2049160        | 3159764       | 5.06%           | 1.627%        |
| 16        | 10.869      | 1299          | 1306        | 1320         | rBV      | 350436         | 635815        | 1.02%           | 0.327%        |
| 17        | 11.110      | 1338          | 1347        | 1357         | rBV      | 6395910        | 10737606      | 17.20%          | 5.530%        |
| 18        | 12.016      | 1491          | 1501        | 1508         | rVB      | 80063          | 196233        | 0.31%           | 0.101%        |
| 19        | 12.722      | 1614          | 1621        | 1623         | rBV      | 1554068        | 2356530       | 3.78%           | 1.214%        |
| 20        | 12.752      | 1623          | 1626        | 1635         | rVB      | 2110749        | 3159885       | 5.06%           | 1.627%        |
| 21        | 13.369      | 1722          | 1731        | 1741         | rBV      | 18004269       | 28687551      | 45.97%          | 14.774%       |
| 22        | 13.969      | 1826          | 1833        | 1846         | rBV      | 882269         | 1206906       | 1.93%           | 0.622%        |
| 23        | 14.251      | 1875          | 1881        | 1890         | rBV      | 831345         | 1269868       | 2.03%           | 0.654%        |
| 24        | 14.563      | 1925          | 1934        | 1943         | rBV      | 2846369        | 4232936       | 6.78%           | 2.180%        |
| 25        | 14.881      | 1981          | 1988        | 1995         | rVB      | 907705         | 1309441       | 2.10%           | 0.674%        |
| 26        | 15.551      | 2093          | 2102        | 2108         | rBV      | 1270826        | 1773644       | 2.84%           | 0.913%        |
| 27        | 15.675      | 2117          | 2123        | 2133         | rBV      | 204170         | 308657        | 0.49%           | 0.159%        |
| 28        | 15.916      | 2159          | 2164        | 2177         | rBV      | 240908         | 350984        | 0.56%           | 0.181%        |
| 29        | 16.481      | 2255          | 2260        | 2265         | rBV2     | 50669          | 71978         | 0.12%           | 0.037%        |
| 30        | 17.310      | 2394          | 2401        | 2411         | rBV      | 3558750        | 5003023       | 8.02%           | 2.577%        |
| 31        | 17.404      | 2411          | 2417        | 2429         | rVV      | 1307111        | 1896799       | 3.04%           | 0.977%        |
| 32        | 19.704      | 2801          | 2808        | 2814         | rBV      | 1660973        | 2189814       | 3.51%           | 1.128%        |
| 33        | 21.504      | 3108          | 3114        | 3123         | rBV      | 3858322        | 4957139       | 7.94%           | 2.553%        |
| 34        | 23.786      | 3496          | 3502        | 3514         | rBV      | 869361         | 1887771       | 3.02%           | 0.972%        |
| 35        | 23.939      | 3522          | 3528        | 3541         | rVB2     | 2302422        | 4504034       | 7.22%           | 2.320%        |

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Operator : CG/JU  
Sample : 02400-05DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0ML5DL

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

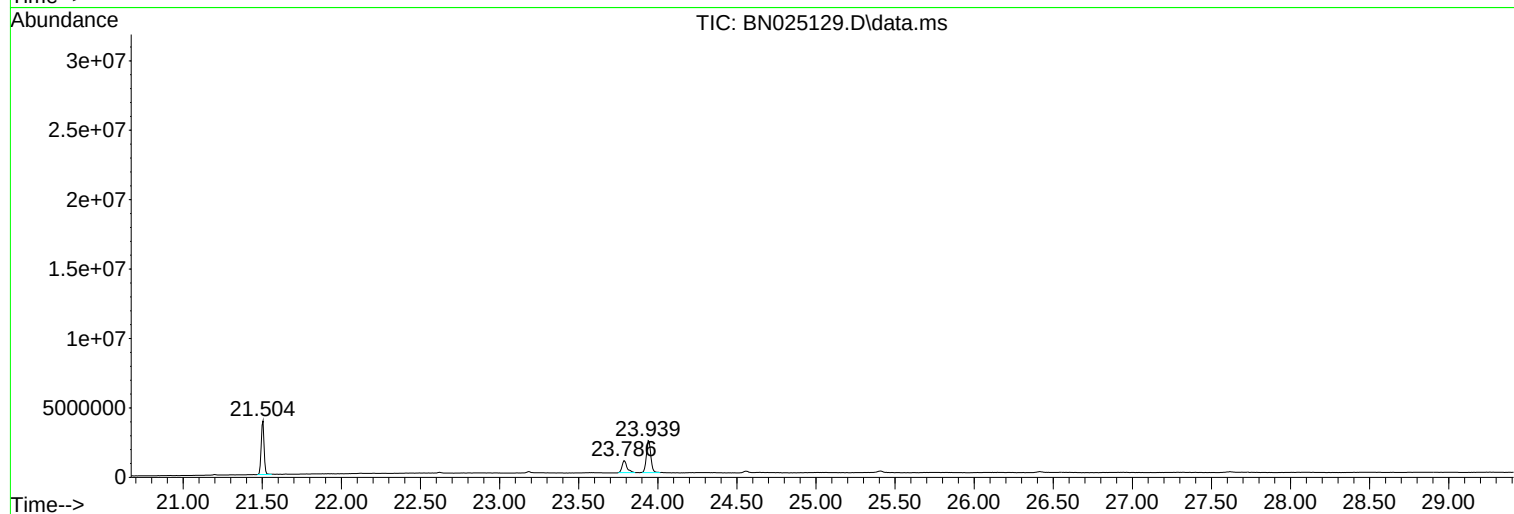
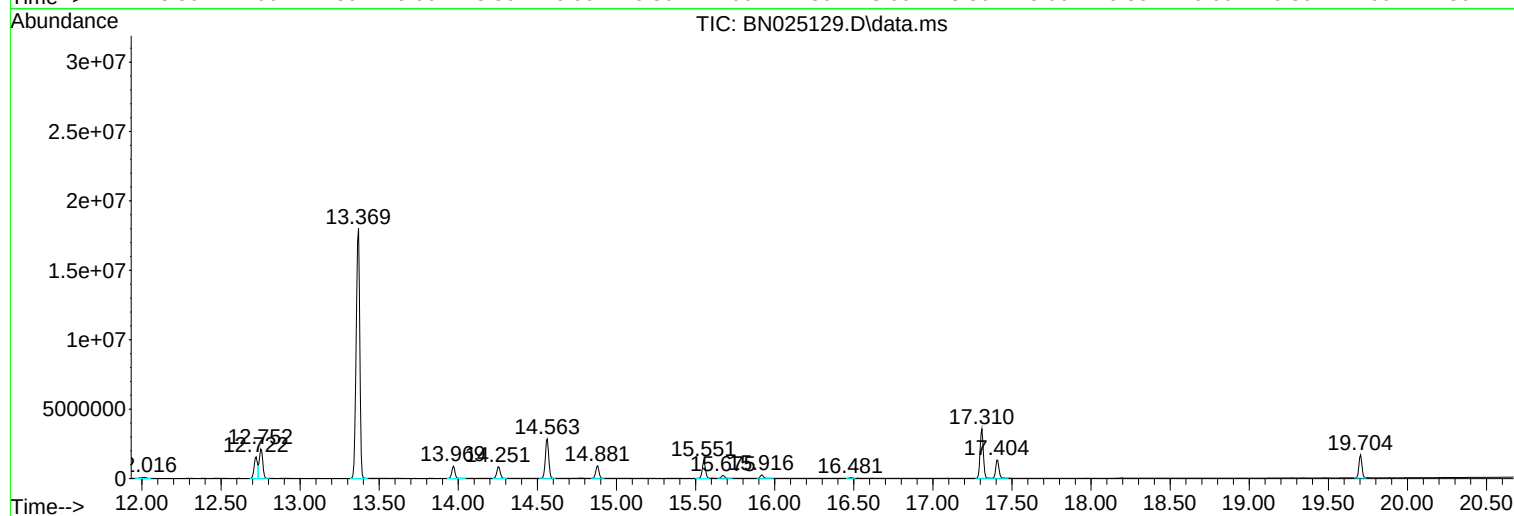
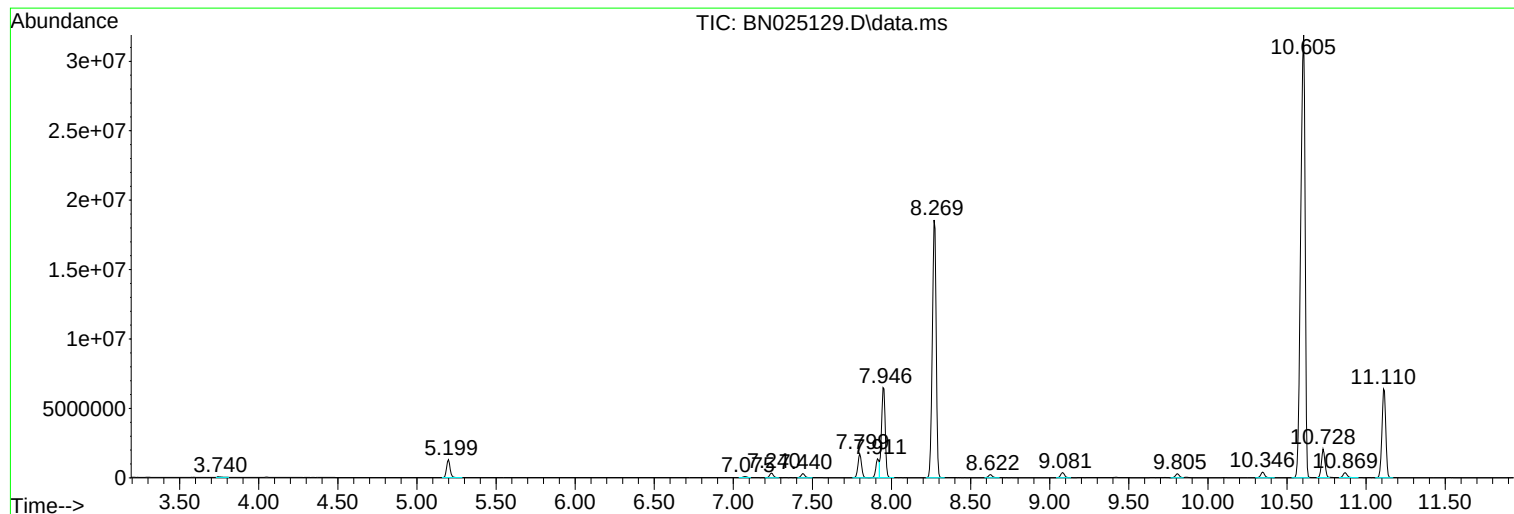
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0ML5DL

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 : 02400-05DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COML5DL

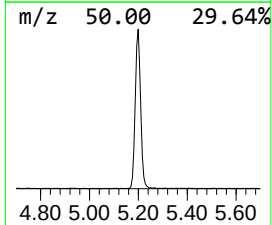
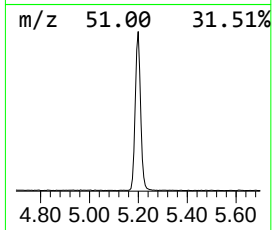
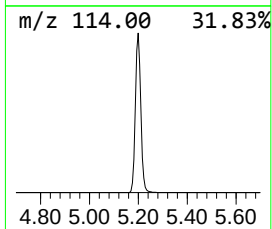
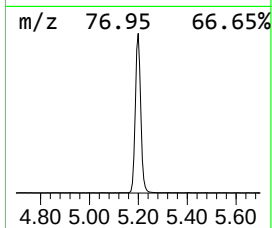
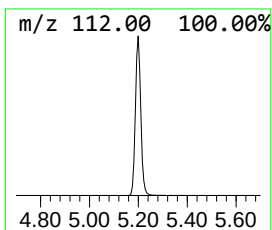
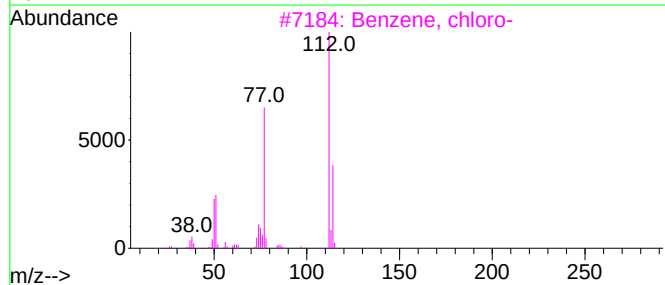
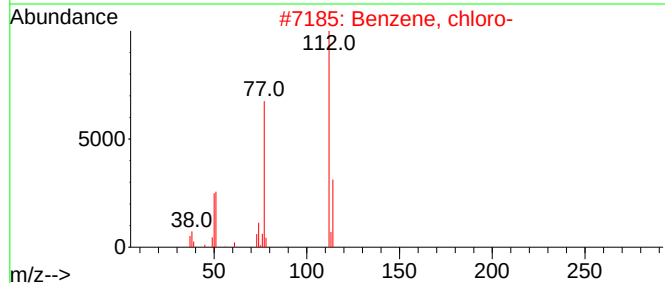
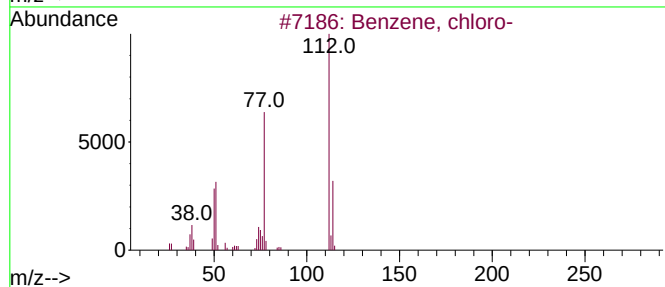
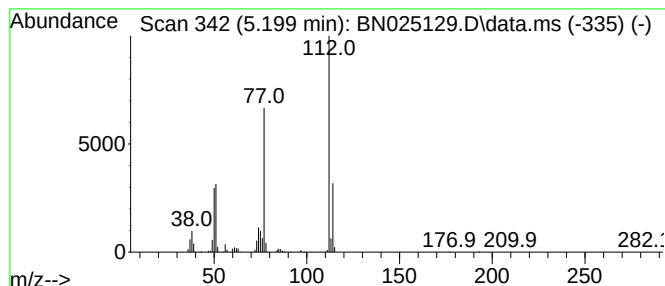
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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.  |
|-------|-------------|---------|------------------------|-------|
| 5.199 | 19.42 ng/ul | 1992450 | 1,4-Dichlorobenzene-d4 | 7.911 |

| 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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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COML5DL

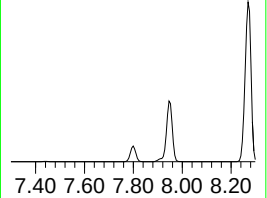
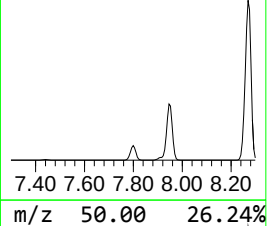
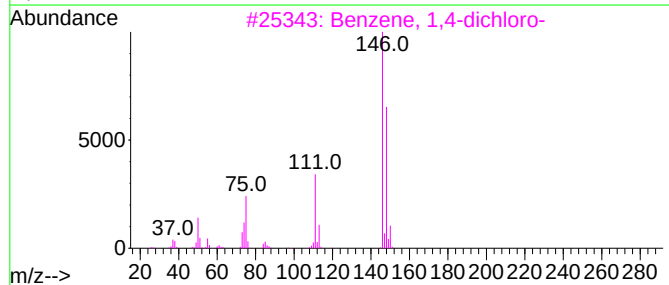
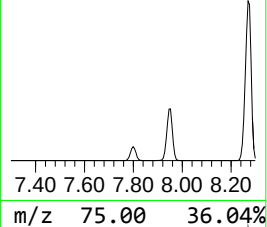
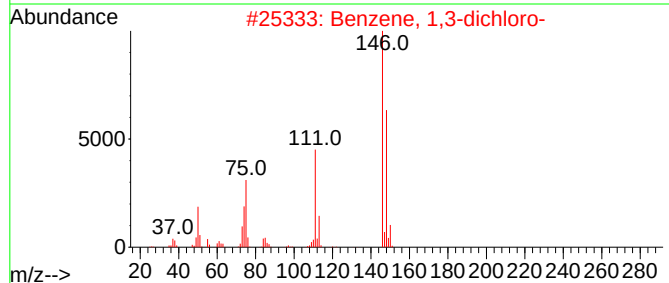
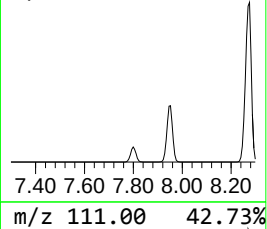
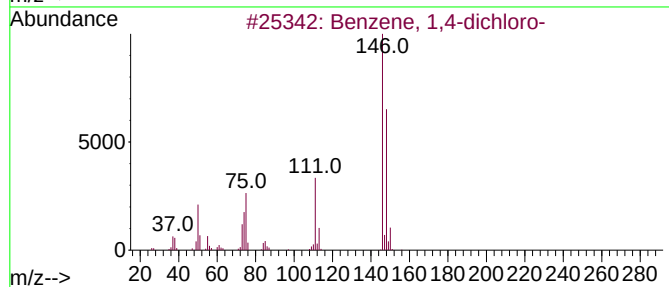
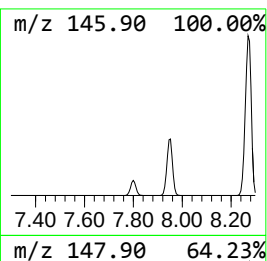
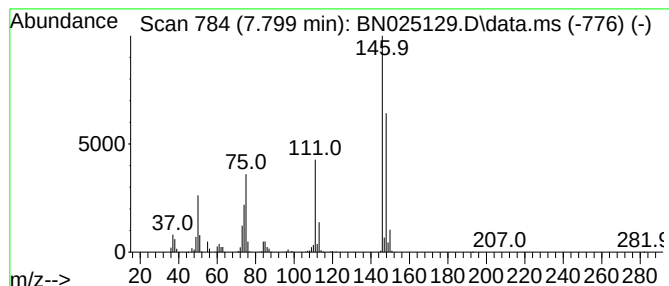
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 7.799 | 26.25 ng/ul | 2694020 | 1,4-Dichlorobenzene-d4 | 7.911 |

| 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, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 97   |



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Sample : 02400-05DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0ML5DL

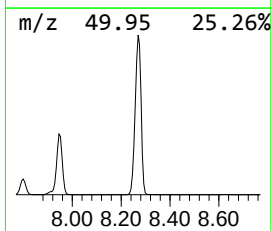
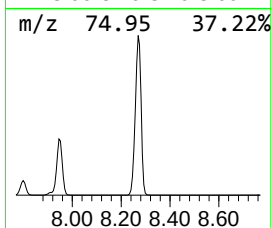
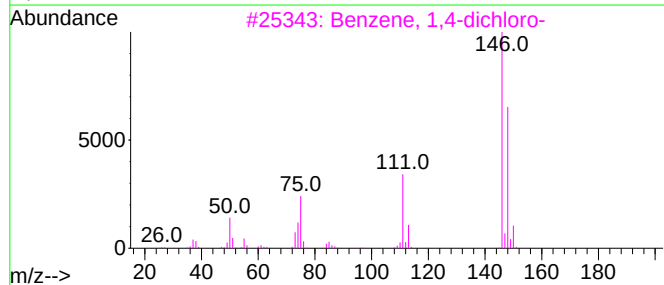
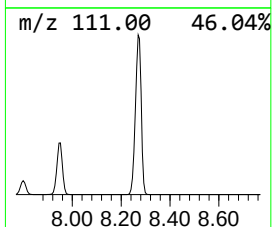
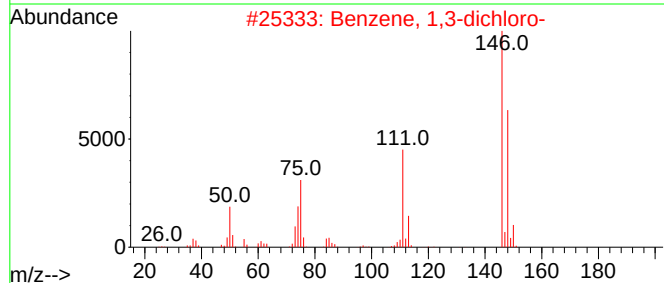
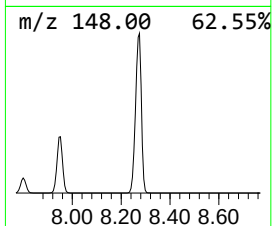
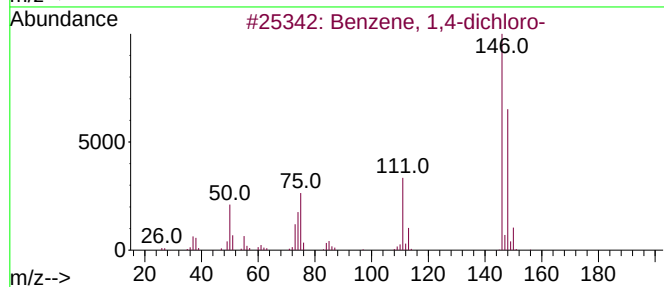
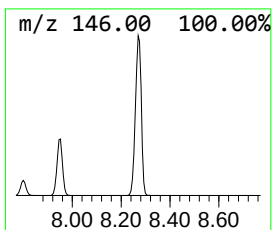
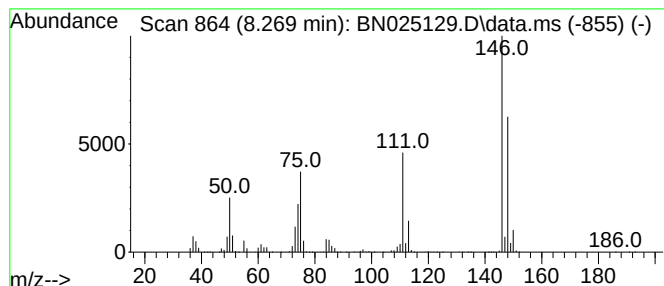
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 2

| R.T.  | EstConc      | Area     | Relative to ISTD       | R.T.  |
|-------|--------------|----------|------------------------|-------|
| 8.269 | 304.73 ng/ul | 31269000 | 1,4-Dichlorobenzene-d4 | 7.911 |

| 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 | 97   |



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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COML5DL

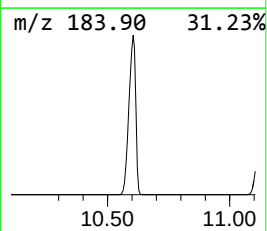
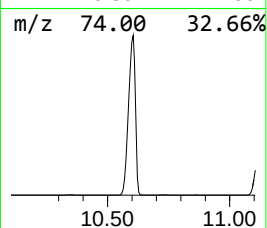
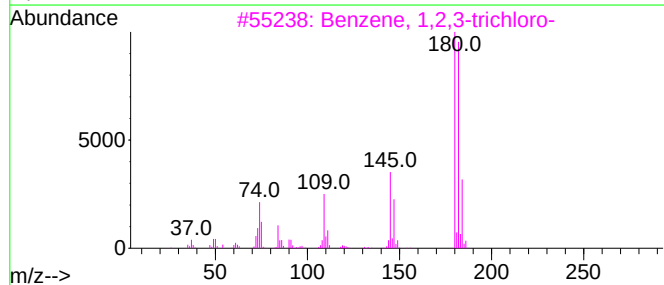
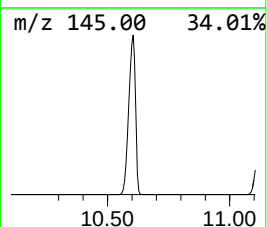
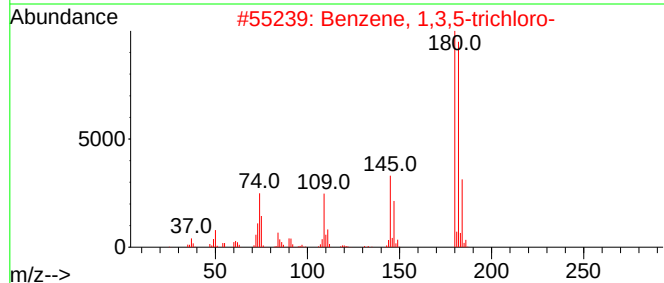
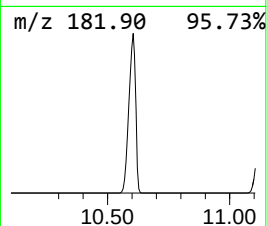
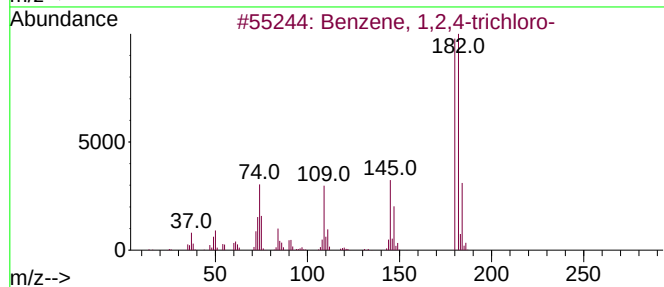
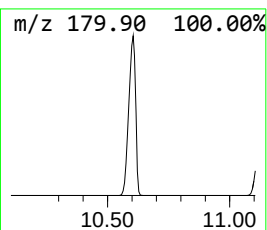
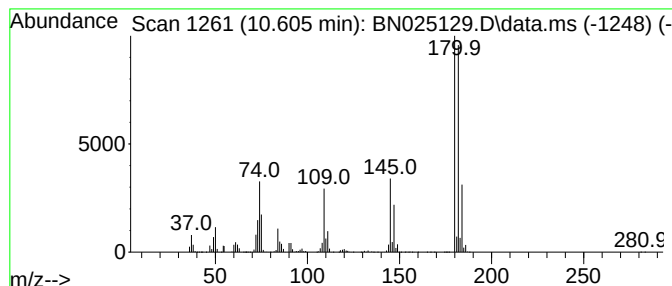
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN041023.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc      | Area     | Relative to ISTD | R.T.   |
|--------|--------------|----------|------------------|--------|
| 10.605 | 395.04 ng/ul | 62411300 | Naphthalene-d8   | 10.728 |

| 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   |



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Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COML5DL

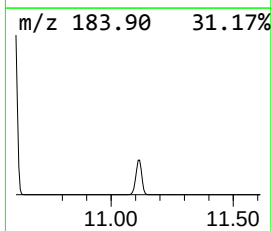
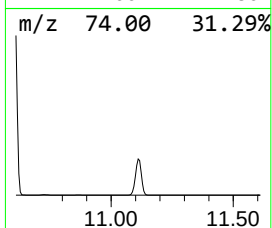
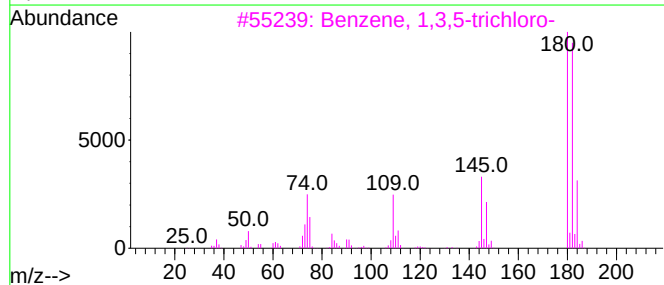
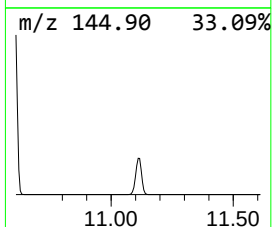
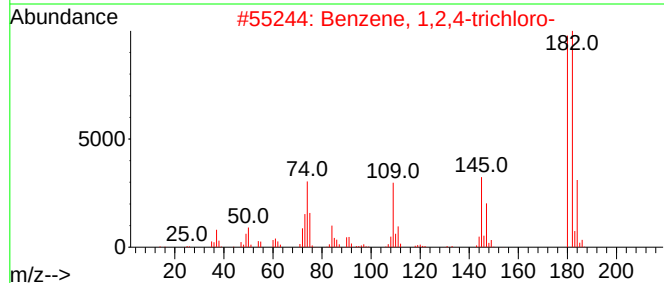
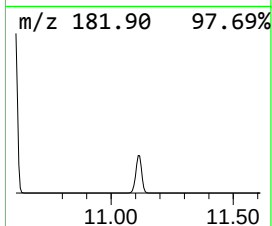
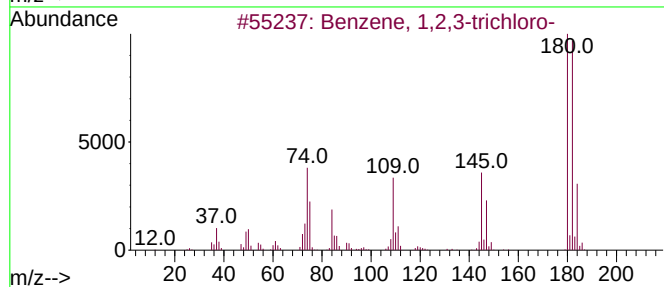
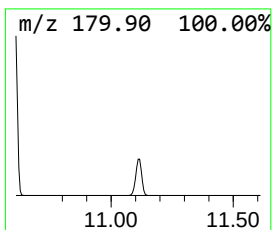
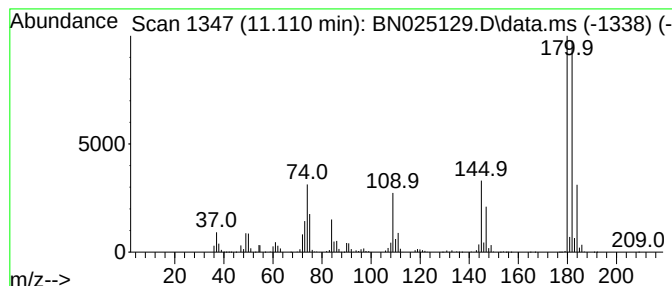
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Quant Title : SVOA CALIBRATION

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

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Peak Number 5 Benzene, 1,2,3-trichloro- Concentration Rank 4

| R.T.   | EstConc     | Area     | Relative to ISTD | R.T.   |
|--------|-------------|----------|------------------|--------|
| 11.110 | 67.96 ng/ul | 10737600 | Naphthalene-d8   | 10.728 |

| 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 | 98   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042523\  
Data File : BN025129.D  
Acq On : 25 Apr 2023 14:47  
Operator : CG/JU  
Sample : 02400-05DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COML5DL

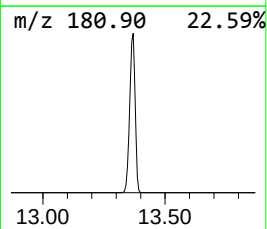
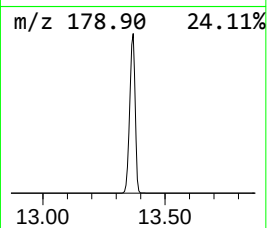
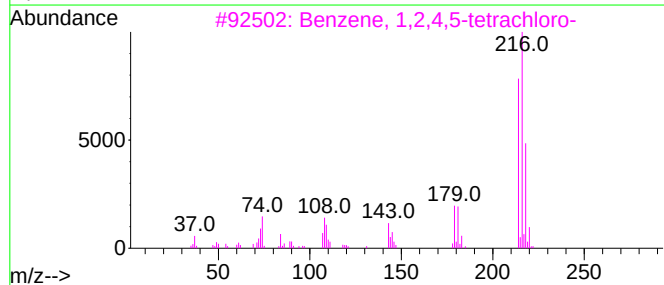
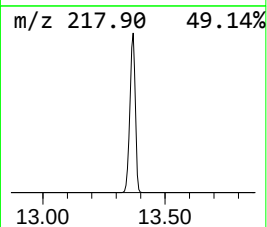
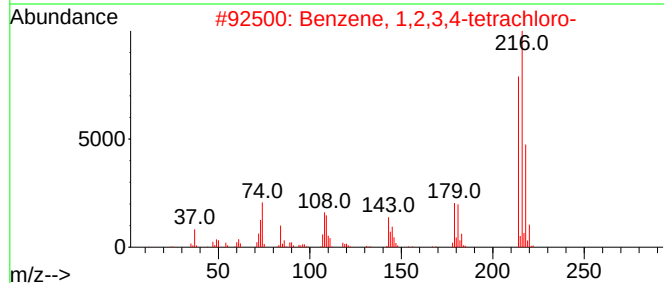
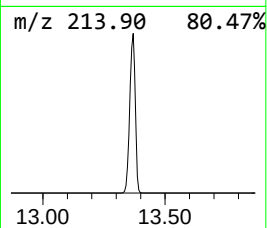
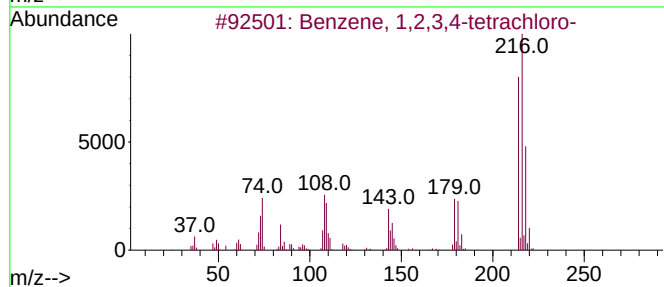
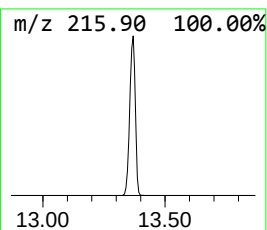
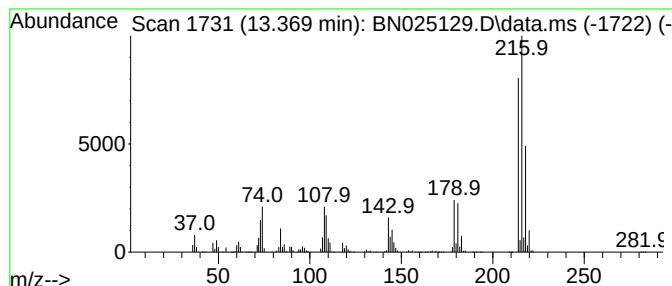
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 3

| R.T.   | EstConc      | Area     | Relative to ISTD | R.T.   |
|--------|--------------|----------|------------------|--------|
| 13.369 | 135.54 ng/ul | 28687600 | 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\BN042523\  
Data File : BN025129.D  
Acq On : 25 Apr 2023 14:47  
Operator : CG/JU  
Sample : 02400-05DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0ML5DL

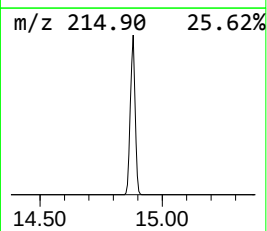
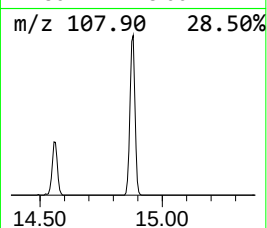
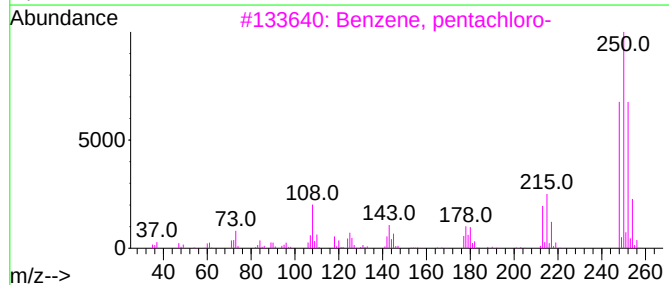
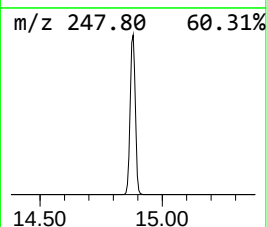
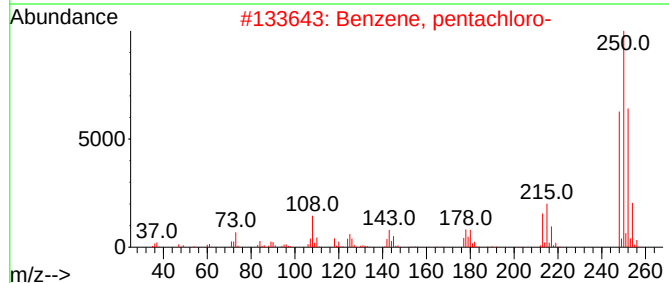
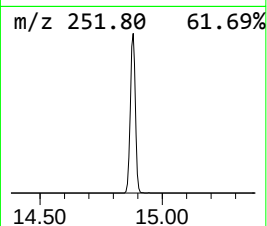
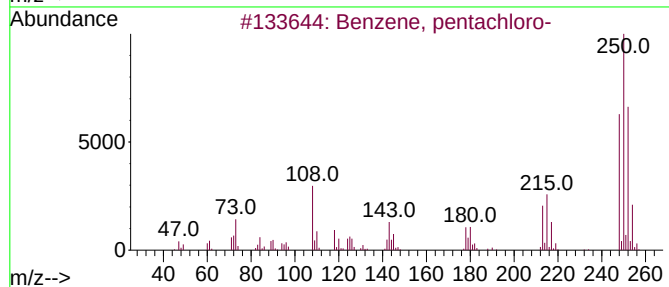
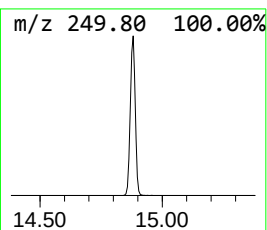
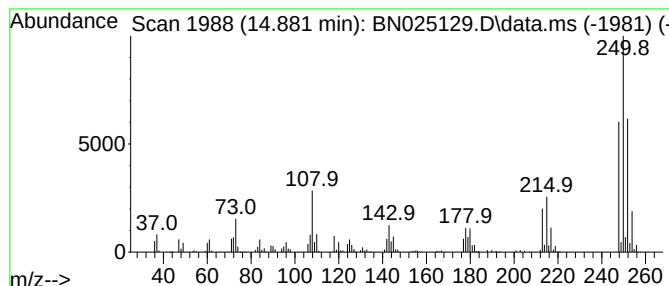
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 Benzene, pentachloro- Concentration Rank 7

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 14.881 | 6.19 ng/ul | 1309440 | Acenaphthene-d10 | 14.563 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, pentachloro- | 248 | C6HC15  | 000608-93-5 | 99   |
| 2    |    |   | Benzene, pentachloro- | 248 | C6HC15  | 000608-93-5 | 99   |
| 3    |    |   | Benzene, pentachloro- | 248 | C6HC15  | 000608-93-5 | 99   |
| 4    |    |   | Benzene, pentachloro- | 248 | C6HC15  | 000608-93-5 | 98   |
| 5    |    |   | Benzene, pentachloro- | 248 | C6HC15  | 000608-93-5 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042523\  
Data File : BN025129.D  
Acq On : 25 Apr 2023 14:47  
Operator : CG/JU  
Sample : 02400-05DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0ML5DL

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-   | 5.199  | 19.4    | ng/ul | 1992450  | 1                     | 7.911  | 2052220 | 20.0 |
| Benzene, 1,4-di... | 7.799  | 26.3    | ng/ul | 2694020  | 1                     | 7.911  | 2052220 | 20.0 |
| Benzene, 1,3-di... | 8.269  | 304.7   | ng/ul | 31269000 | 1                     | 7.911  | 2052220 | 20.0 |
| Benzene, 1,2,4-... | 10.605 | 395.0   | ng/ul | 62411300 | 2                     | 10.728 | 3159760 | 20.0 |
| Benzene, 1,2,3-... | 11.110 | 68.0    | ng/ul | 10737600 | 2                     | 10.728 | 3159760 | 20.0 |
| Benzene, 1,2,3,... | 13.369 | 135.5   | ng/ul | 28687600 | 3                     | 14.563 | 4232940 | 20.0 |
| Benzene, pentac... | 14.881 | 6.2     | ng/ul | 1309440  | 3                     | 14.563 | 4232940 | 20.0 |