

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
 Data File : BM039475.D  
 Acq On : 19 Apr 2023 02:16  
 Operator : CG/JU  
 Sample : 02335-07  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

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\_M\Methods\SFAM-EPA-BM041823.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM039475.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         | 3.216       | 3             | 5           | 10           | rVB      | 53646          | 58787         | 0.78%           | 0.074%        |
| 2         | 3.646       | 75            | 78          | 92           | rBV      | 234194         | 397843        | 5.27%           | 0.503%        |
| 3         | 3.975       | 130           | 134         | 142          | rVB      | 16599          | 23703         | 0.31%           | 0.030%        |
| 4         | 5.116       | 321           | 328         | 346          | rBV      | 4714215        | 7113478       | 94.19%          | 9.000%        |
| 5         | 6.945       | 635           | 639         | 644          | rVB3     | 9896           | 16086         | 0.21%           | 0.020%        |
| 6         | 7.022       | 646           | 652         | 668          | rBV      | 150743         | 335971        | 4.45%           | 0.425%        |
| 7         | 7.163       | 670           | 676         | 702          | rVB      | 855743         | 1432789       | 18.97%          | 1.813%        |
| 8         | 7.363       | 704           | 710         | 727          | rBV      | 768021         | 1341762       | 17.77%          | 1.698%        |
| 9         | 7.716       | 764           | 770         | 782          | rBV      | 163172         | 272261        | 3.60%           | 0.344%        |
| 10        | 7.828       | 782           | 789         | 791          | rBV      | 759807         | 1125600       | 14.90%          | 1.424%        |
| 11        | 7.863       | 791           | 795         | 814          | rVB      | 2541533        | 4330686       | 57.34%          | 5.479%        |
| 12        | 8.181       | 842           | 849         | 865          | rBV      | 2011023        | 3363634       | 44.54%          | 4.256%        |
| 13        | 8.563       | 908           | 914         | 931          | rBV      | 484921         | 995328        | 13.18%          | 1.259%        |
| 14        | 9.004       | 981           | 989         | 1014         | rBV      | 948823         | 1859646       | 24.62%          | 2.353%        |
| 15        | 9.392       | 1050          | 1055        | 1062         | rVB      | 35034          | 52134         | 0.69%           | 0.066%        |
| 16        | 9.728       | 1104          | 1112        | 1130         | rBV      | 693642         | 1339150       | 17.73%          | 1.694%        |
| 17        | 10.275      | 1197          | 1205        | 1231         | rBV      | 933988         | 1954417       | 25.88%          | 2.473%        |
| 18        | 10.504      | 1237          | 1244        | 1259         | rVB      | 350854         | 623541        | 8.26%           | 0.789%        |
| 19        | 10.639      | 1259          | 1267        | 1281         | rBV      | 1120846        | 1936225       | 25.64%          | 2.450%        |
| 20        | 10.786      | 1285          | 1292        | 1327         | rVV      | 799233         | 1816896       | 24.06%          | 2.299%        |
| 21        | 11.022      | 1327          | 1332        | 1339         | rVB2     | 37896          | 70216         | 0.93%           | 0.089%        |
| 22        | 11.892      | 1474          | 1480        | 1485         | rBV2     | 19181          | 27922         | 0.37%           | 0.035%        |
| 23        | 12.251      | 1532          | 1541        | 1551         | rBV2     | 13646          | 33867         | 0.45%           | 0.043%        |
| 24        | 12.463      | 1572          | 1577        | 1579         | rBV4     | 5609           | 8779          | 0.12%           | 0.011%        |
| 25        | 12.686      | 1608          | 1615        | 1624         | rBV2     | 14104          | 30256         | 0.40%           | 0.038%        |
| 26        | 13.304      | 1712          | 1720        | 1729         | rBV3     | 85754          | 160222        | 2.12%           | 0.203%        |
| 27        | 13.504      | 1749          | 1754        | 1762         | rVB      | 30777          | 50270         | 0.67%           | 0.064%        |
| 28        | 13.904      | 1815          | 1822        | 1836         | rBV      | 2706939        | 3881204       | 51.39%          | 4.910%        |
| 29        | 14.180      | 1862          | 1869        | 1891         | rBV      | 2995978        | 4560616       | 60.39%          | 5.770%        |
| 30        | 14.386      | 1900          | 1904        | 1911         | rVB9     | 6834           | 14584         | 0.19%           | 0.018%        |
| 31        | 14.486      | 1914          | 1921        | 1934         | rBV      | 1831185        | 2748143       | 36.39%          | 3.477%        |
| 32        | 14.763      | 1960          | 1968        | 1971         | rBV6     | 22024          | 53763         | 0.71%           | 0.068%        |
| 33        | 14.810      | 1972          | 1976        | 1981         | rVB5     | 23929          | 43771         | 0.58%           | 0.055%        |
| 34        | 15.333      | 2060          | 2065        | 2070         | rVB2     | 13499          | 19717         | 0.26%           | 0.025%        |
| 35        | 15.480      | 2084          | 2090        | 2107         | rBV      | 3791757        | 5739430       | 75.99%          | 7.261%        |
| 36        | 15.615      | 2107          | 2113        | 2128         | rVV      | 840080         | 1338535       | 17.72%          | 1.693%        |

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 BNA\_M  
 ClientSampleId :

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\_M\Methods\SFAM-EPA-BM041823.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 15.721 | 2128 | 2131 | 2140 | rVB2 | 22848   | 45748   | 0.61%   | 0.058% |
| 38 | 15.851 | 2148 | 2153 | 2165 | rVB  | 95822   | 157660  | 2.09%   | 0.199% |
| 39 | 16.192 | 2206 | 2211 | 2221 | rBV  | 28309   | 52604   | 0.70%   | 0.067% |
| 40 | 16.657 | 2285 | 2290 | 2294 | rBV8 | 3728    | 8847    | 0.12%   | 0.011% |
| 41 | 16.992 | 2343 | 2347 | 2350 | rBV  | 19951   | 26410   | 0.35%   | 0.033% |
| 42 | 17.039 | 2351 | 2355 | 2361 | rVB9 | 8738    | 15084   | 0.20%   | 0.019% |
| 43 | 17.239 | 2382 | 2389 | 2400 | rBV  | 2167487 | 3220107 | 42.64%  | 4.074% |
| 44 | 17.339 | 2400 | 2406 | 2434 | rVB  | 4412468 | 6639832 | 87.92%  | 8.401% |
| 45 | 17.727 | 2468 | 2472 | 2477 | rVB2 | 13642   | 17532   | 0.23%   | 0.022% |
| 46 | 17.909 | 2501 | 2503 | 2508 | rVB5 | 9014    | 8110    | 0.11%   | 0.010% |
| 47 | 18.139 | 2539 | 2542 | 2546 | rBV5 | 14771   | 21699   | 0.29%   | 0.027% |
| 48 | 18.239 | 2556 | 2559 | 2567 | rVB3 | 16862   | 25420   | 0.34%   | 0.032% |
| 49 | 18.421 | 2588 | 2590 | 2595 | rVB6 | 9803    | 11255   | 0.15%   | 0.014% |
| 50 | 19.198 | 2718 | 2722 | 2728 | rBV  | 56865   | 94172   | 1.25%   | 0.119% |
| 51 | 19.274 | 2731 | 2735 | 2740 | rVV  | 44781   | 67361   | 0.89%   | 0.085% |
| 52 | 19.427 | 2758 | 2761 | 2766 | rBV6 | 13335   | 20211   | 0.27%   | 0.026% |
| 53 | 19.562 | 2781 | 2784 | 2790 | rBV5 | 14573   | 21628   | 0.29%   | 0.027% |
| 54 | 19.639 | 2790 | 2797 | 2816 | rBV  | 5166943 | 7552434 | 100.00% | 9.555% |
| 55 | 21.145 | 3048 | 3053 | 3061 | rBV2 | 188222  | 375045  | 4.97%   | 0.474% |
| 56 | 21.427 | 3096 | 3101 | 3111 | rBV  | 2119633 | 2986599 | 39.54%  | 3.779% |
| 57 | 23.644 | 3471 | 3478 | 3493 | rBV2 | 2774393 | 5898955 | 78.11%  | 7.463% |
| 58 | 23.797 | 3498 | 3504 | 3515 | rVB2 | 1257503 | 2602205 | 34.46%  | 3.292% |

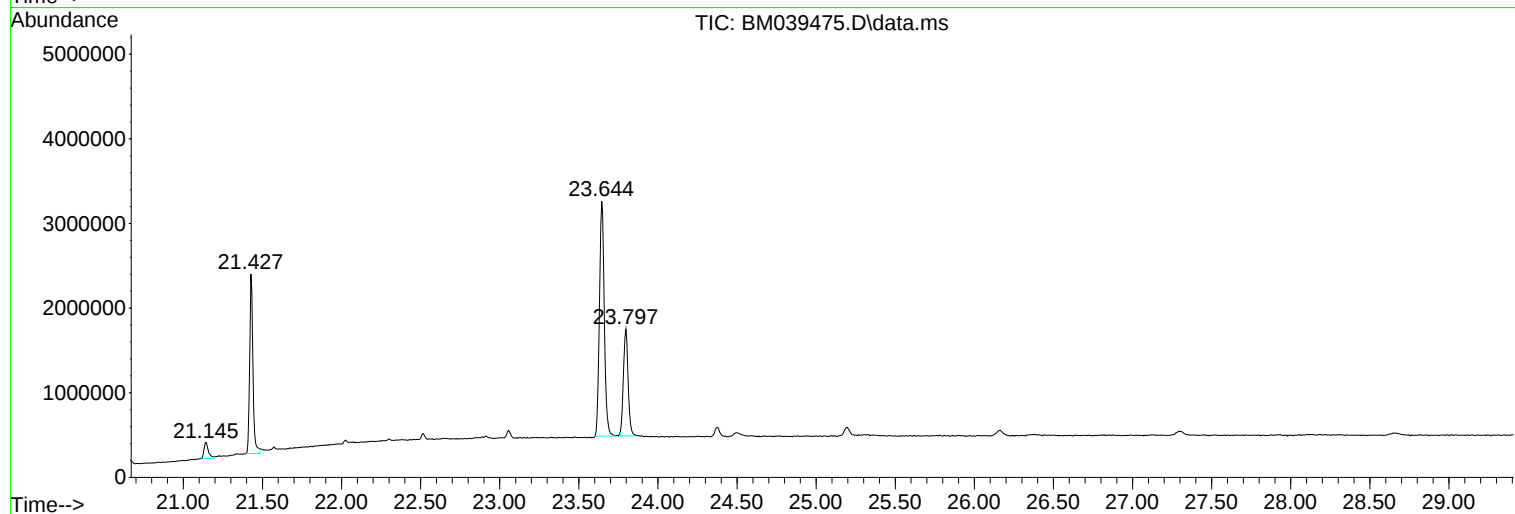
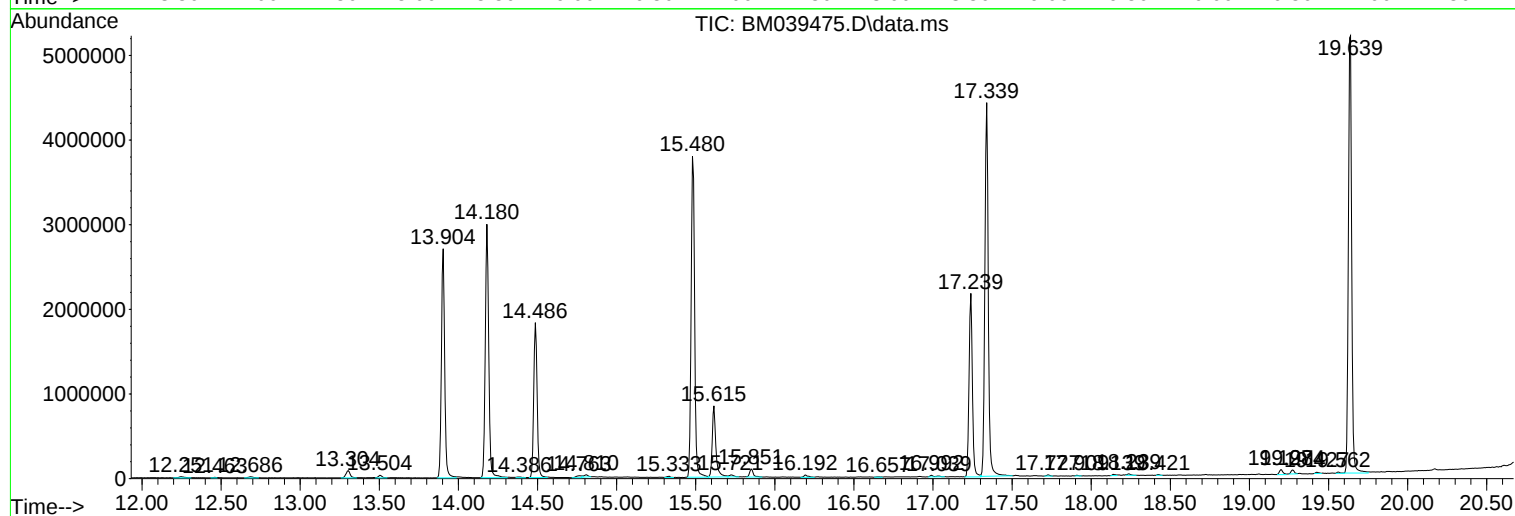
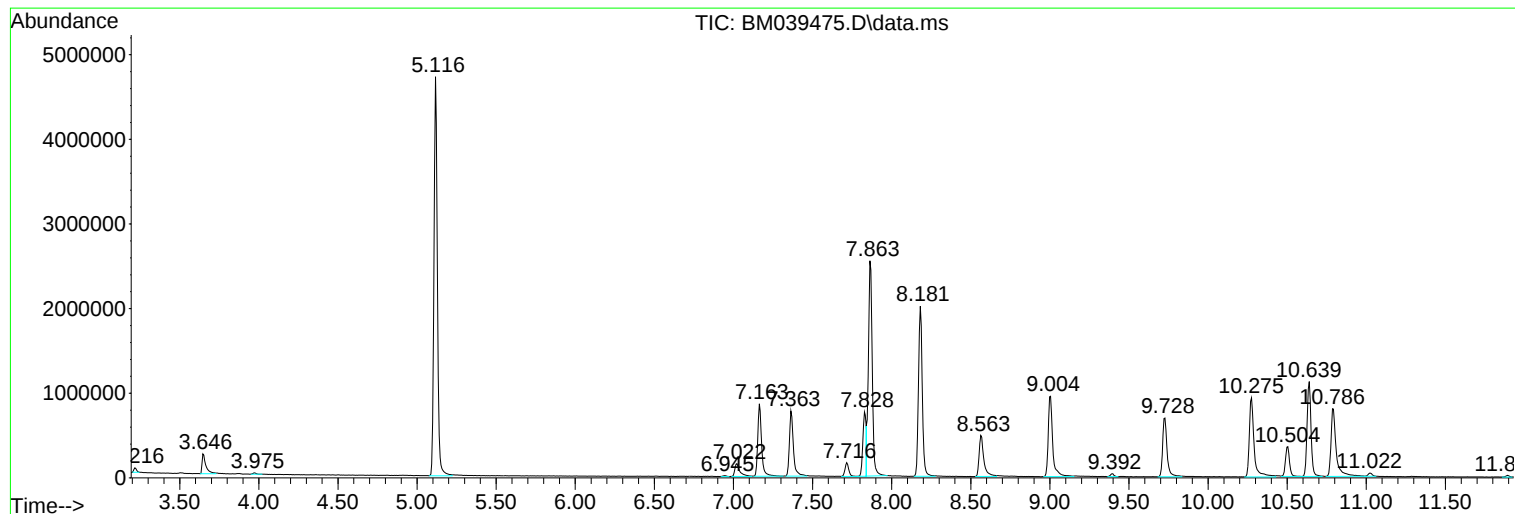
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Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
Quant Title : SVOA CALIBRATION

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



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Operator : CG/JU  
Sample : 02335-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

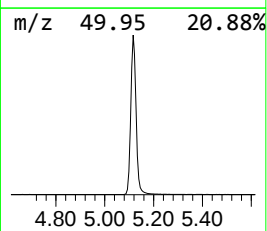
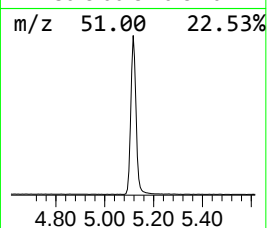
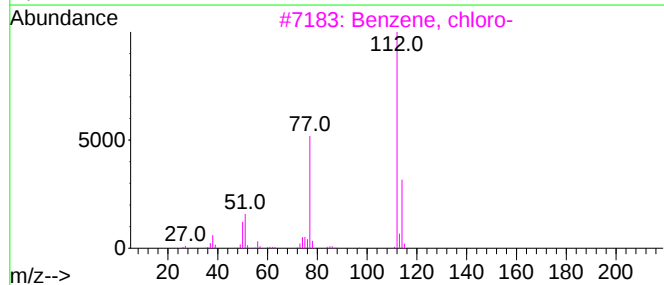
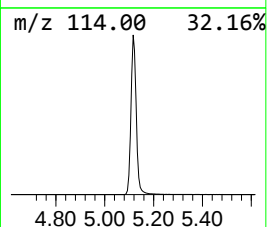
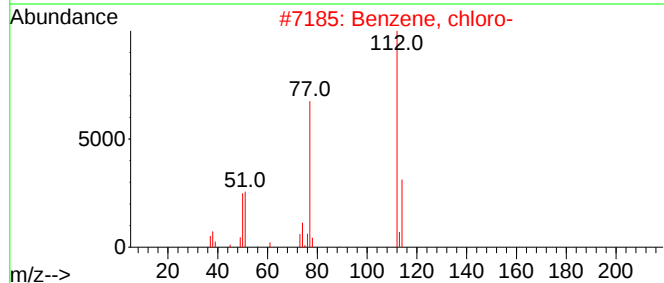
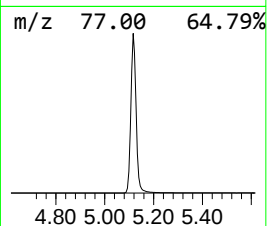
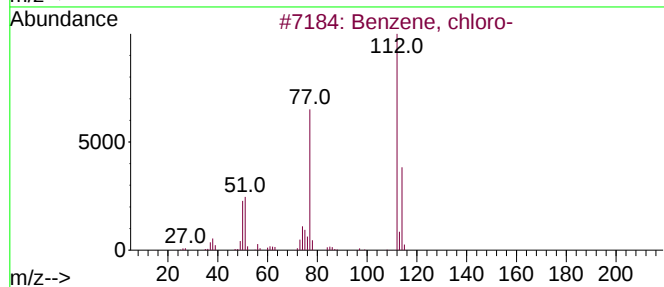
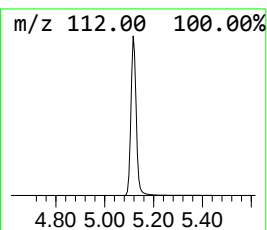
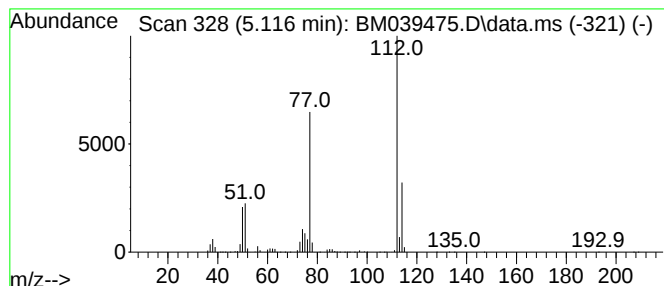
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzene, chloro- Concentration Rank 1

| R.T.  | EstConc      | Area    | Relative to ISTD       | R.T.  |
|-------|--------------|---------|------------------------|-------|
| 5.116 | 126.39 ng/ul | 7113480 | 1,4-Dichlorobenzene-d4 | 7.828 |

| 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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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

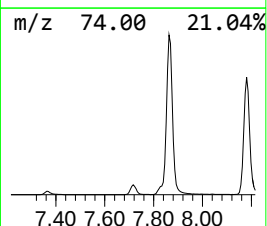
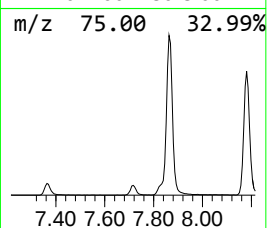
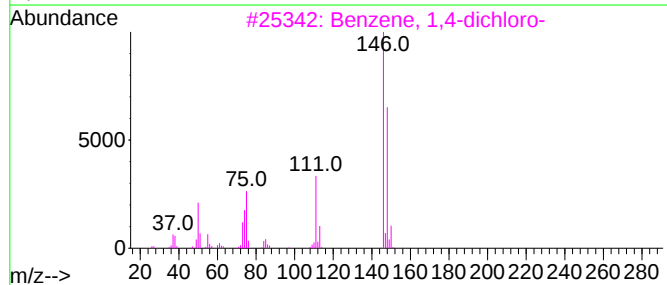
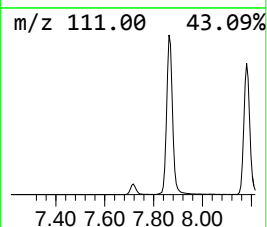
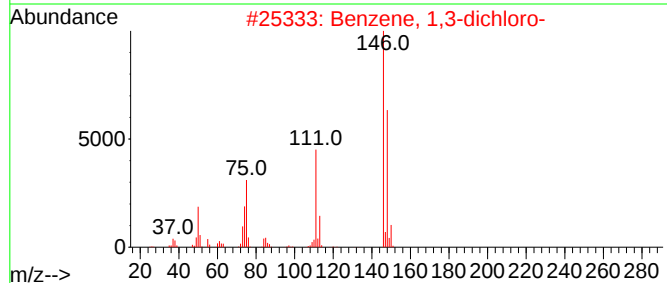
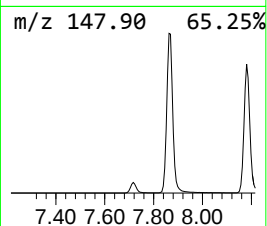
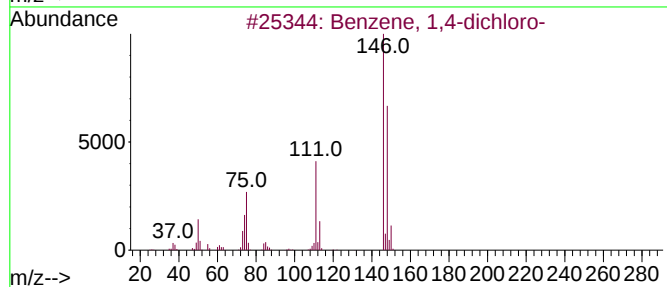
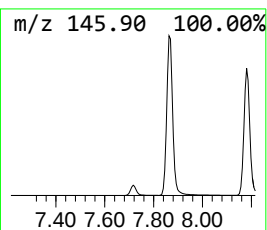
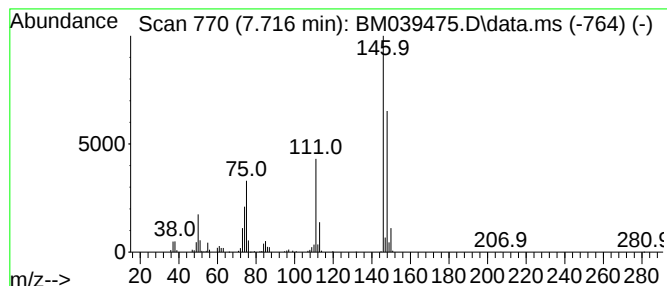
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 7.716 | 4.84 ng/ul | 272261 | 1,4-Dichlorobenzene-d4 | 7.828 |

| 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, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 96   |
| 5    |    |   | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 96   |



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Instrument :  
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ClientSampleId :

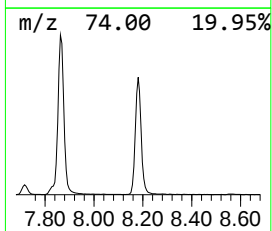
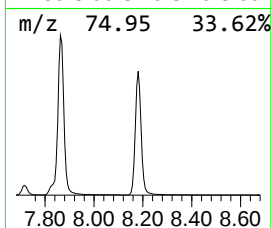
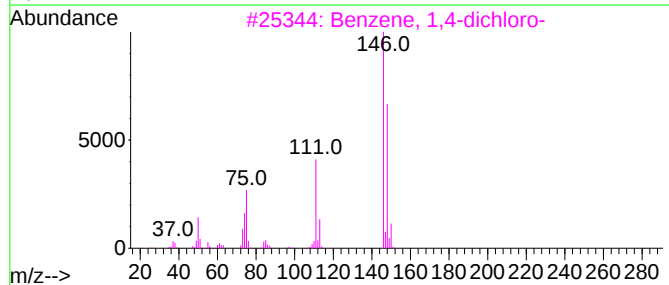
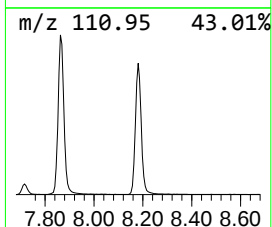
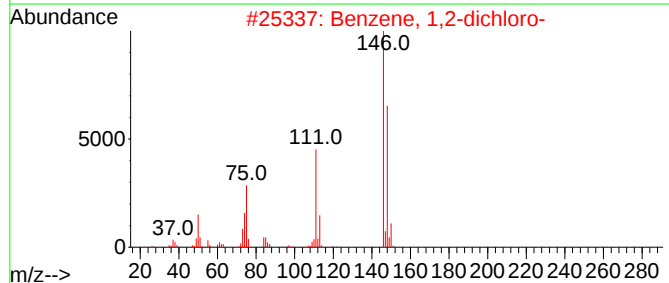
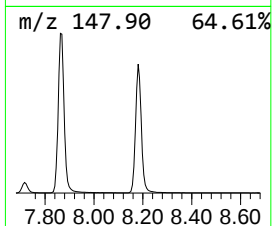
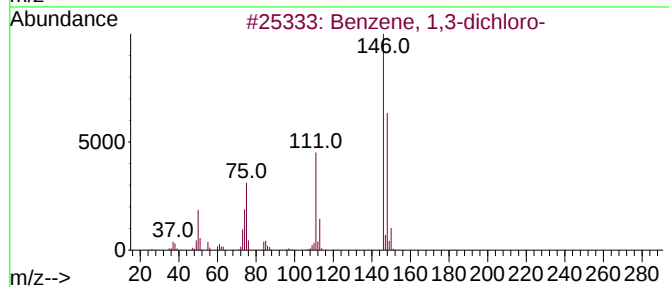
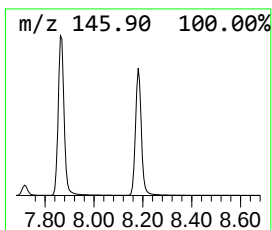
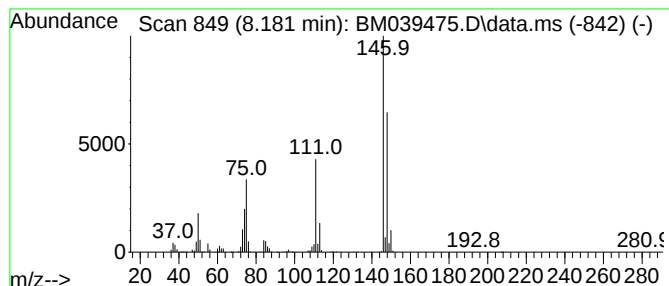
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
Quant Title : SVOA CALIBRATION

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.  |
|-------|-------------|---------|------------------------|-------|
| 8.181 | 59.77 ng/ul | 3363630 | 1,4-Dichlorobenzene-d4 | 7.828 |

| 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 | 98   |
| 4    |    |   | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 97   |
| 5    |    |   | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 96   |



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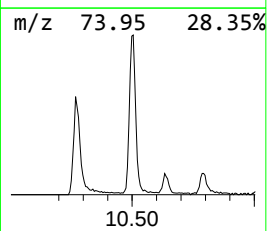
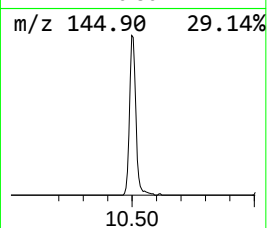
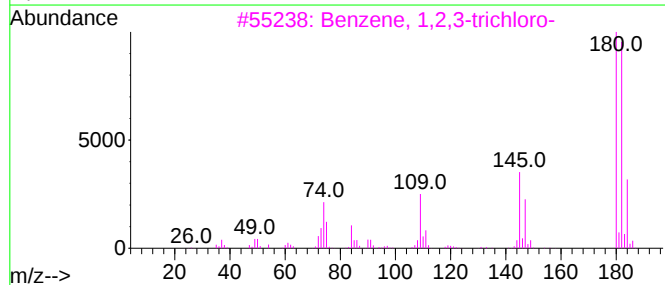
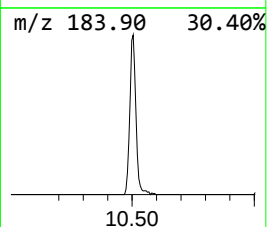
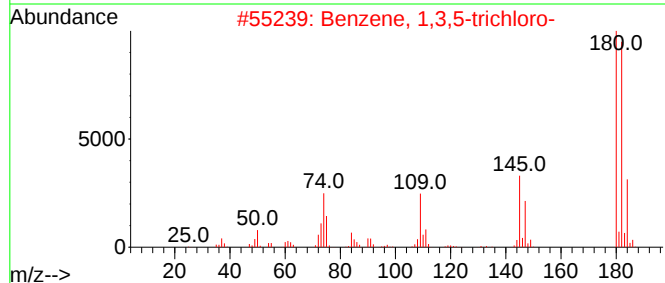
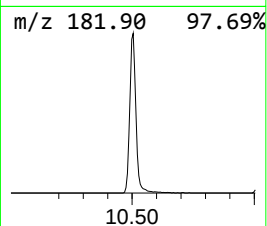
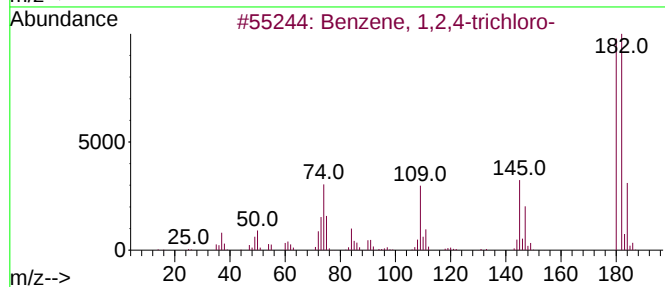
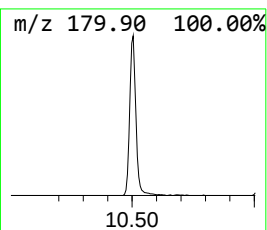
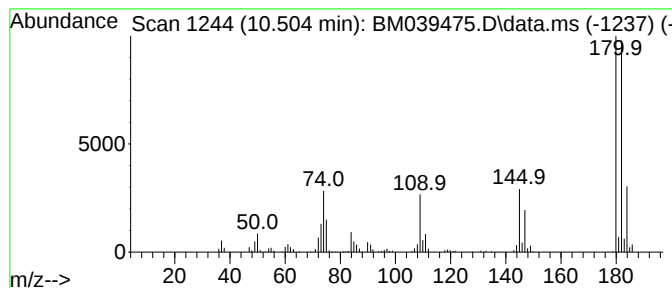
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Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.504 | 6.44 ng/ul | 623541 | Naphthalene-d8   | 10.639 |

| 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, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 97   |
| 5    |    |   | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 96   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
Data File : BM039475.D  
Acq On : 19 Apr 2023 02:16  
Operator : CG/JU  
Sample : 02335-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

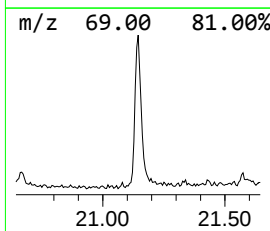
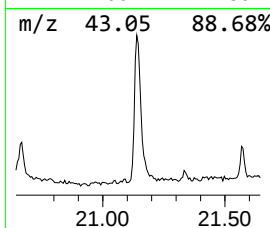
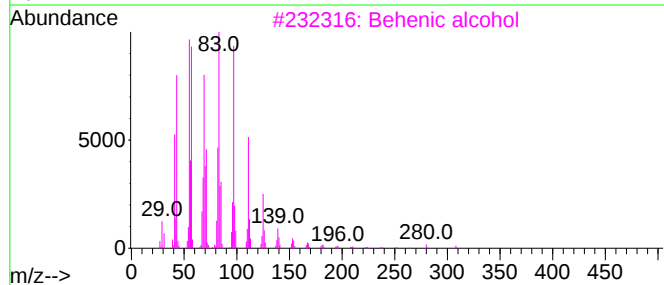
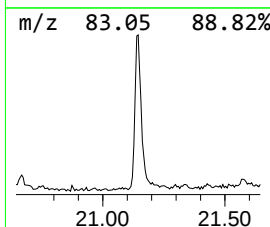
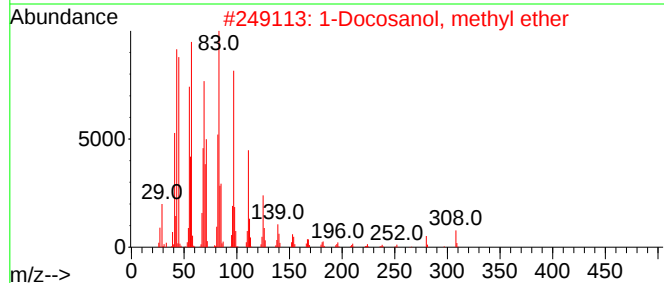
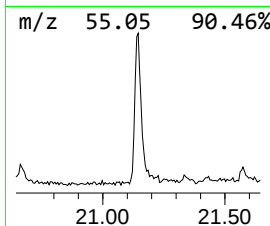
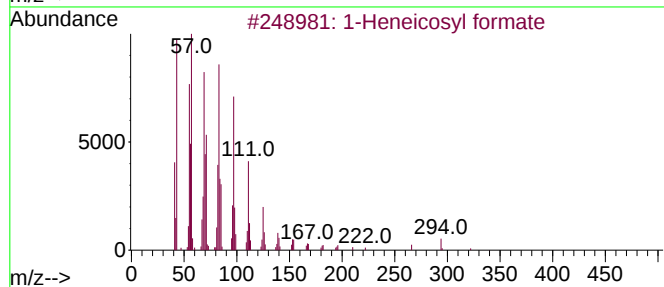
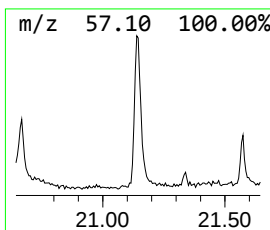
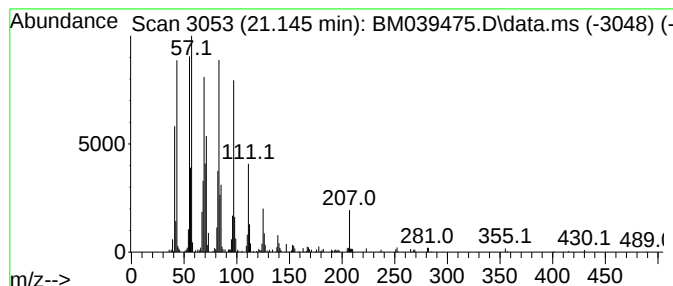
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 5 1-Heneicosyl formate Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.145 | 2.51 ng/ul | 375045 | Chrysene-d12     | 21.427 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1-Heneicosyl formate           | 340 | C22H44O2   | 077899-03-7  | 95   |
| 2    |    |   | 1-Docosanol, methyl ether      | 340 | C23H48O    | 1000333-91-9 | 95   |
| 3    |    |   | Behenic alcohol                | 326 | C22H46O    | 000661-19-8  | 95   |
| 4    |    |   | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6  | 94   |
| 5    |    |   | Pentacos-1-ene                 | 350 | C25H50     | 016980-85-1  | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041823\  
Data File : BM039475.D  
Acq On : 19 Apr 2023 02:16  
Operator : CG/JU  
Sample : 02335-07  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM041823.MA.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Benzene, chloro-   | 5.116  | 126.4   | ng/ul | 7113480  | 1                     | 7.828  | 1125600 | 20.0 |
| Benzene, 1,4-di... | 7.716  | 4.8     | ng/ul | 272261   | 1                     | 7.828  | 1125600 | 20.0 |
| Benzene, 1,3-di... | 8.181  | 59.8    | ng/ul | 3363630  | 1                     | 7.828  | 1125600 | 20.0 |
| Benzene, 1,2,4-... | 10.504 | 6.4     | ng/ul | 623541   | 2                     | 10.639 | 1936230 | 20.0 |
| 1-Heneicosyl fo... | 21.145 | 2.5     | ng/ul | 375045   | 5                     | 21.427 | 2986600 | 20.0 |