

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120622\  
 Data File : BM037859.D  
 Acq On : 06 Dec 2022 18:07  
 Operator : CG/JU  
 Sample : N5738-15ME  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GBNJ4ME

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-BM120122.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM037859.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         | 7.245       | 649           | 656         | 666          | rBV      | 782282         | 1230895       | 0.57%           | 0.379%        |
| 2         | 7.410       | 678           | 684         | 692          | rBV      | 659988         | 1034552       | 0.48%           | 0.318%        |
| 3         | 7.616       | 712           | 719         | 727          | rBV      | 790193         | 1239018       | 0.57%           | 0.381%        |
| 4         | 8.092       | 793           | 800         | 807          | rBV      | 904938         | 1405321       | 0.65%           | 0.433%        |
| 5         | 8.798       | 911           | 920         | 932          | rBV      | 946700         | 1535759       | 0.71%           | 0.473%        |
| 6         | 9.263       | 992           | 999         | 1006         | rBV      | 801489         | 1276806       | 0.59%           | 0.393%        |
| 7         | 9.986       | 1114          | 1122        | 1132         | rBV      | 632921         | 1036348       | 0.48%           | 0.319%        |
| 8         | 10.528      | 1207          | 1214        | 1225         | rBV      | 927172         | 1520292       | 0.70%           | 0.468%        |
| 9         | 10.910      | 1269          | 1279        | 1288         | rBV      | 1242105        | 2075534       | 0.96%           | 0.639%        |
| 10        | 11.051      | 1295          | 1303        | 1317         | rBV      | 488996         | 905283        | 0.42%           | 0.279%        |
| 11        | 14.127      | 1817          | 1826        | 1834         | rBV      | 1864827        | 2478514       | 1.14%           | 0.763%        |
| 12        | 14.416      | 1868          | 1875        | 1902         | rBV      | 1559788        | 3039922       | 1.40%           | 0.936%        |
| 13        | 14.721      | 1918          | 1927        | 1952         | rBV      | 1504713        | 2721181       | 1.26%           | 0.838%        |
| 14        | 14.910      | 1952          | 1959        | 1976         | rBV      | 673003         | 1056500       | 0.49%           | 0.325%        |
| 15        | 15.351      | 2022          | 2034        | 2054         | rVV      | 16196293       | 29532187      | 13.64%          | 9.092%        |
| 16        | 15.710      | 2088          | 2095        | 2106         | rVB      | 2687940        | 3865752       | 1.79%           | 1.190%        |
| 17        | 15.821      | 2108          | 2114        | 2128         | rVV      | 680672         | 1060099       | 0.49%           | 0.326%        |
| 18        | 17.210      | 2324          | 2350        | 2354         | rBV      | 42911145       | 216495739     | 100.00%         | 66.650%       |
| 19        | 17.251      | 2354          | 2357        | 2386         | rVB      | 718006         | 2116469       | 0.98%           | 0.652%        |
| 20        | 17.480      | 2391          | 2396        | 2403         | rVV      | 2175716        | 2988666       | 1.38%           | 0.920%        |
| 21        | 17.574      | 2406          | 2412        | 2418         | rVV      | 2704891        | 3652891       | 1.69%           | 1.125%        |
| 22        | 18.015      | 2482          | 2487        | 2491         | rBV      | 170095         | 240532        | 0.11%           | 0.074%        |
| 23        | 18.068      | 2491          | 2496        | 2502         | rVB      | 836391         | 1093456       | 0.51%           | 0.337%        |
| 24        | 18.333      | 2536          | 2541        | 2551         | rBV      | 654670         | 964604        | 0.45%           | 0.297%        |
| 25        | 19.598      | 2753          | 2756        | 2763         | rBV      | 170016         | 262655        | 0.12%           | 0.081%        |
| 26        | 19.839      | 2791          | 2797        | 2805         | rBV      | 2804220        | 3692188       | 1.71%           | 1.137%        |
| 27        | 21.309      | 3043          | 3047        | 3054         | rBV      | 827748         | 1060946       | 0.49%           | 0.327%        |
| 28        | 21.621      | 3096          | 3100        | 3108         | rVB      | 1775772        | 2319769       | 1.07%           | 0.714%        |
| 29        | 22.703      | 3280          | 3284        | 3289         | rBV      | 419444         | 664351        | 0.31%           | 0.205%        |
| 30        | 22.892      | 3313          | 3316        | 3325         | rVB2     | 324748         | 681625        | 0.31%           | 0.210%        |
| 31        | 23.950      | 3490          | 3496        | 3502         | rBV2     | 1264110        | 2492261       | 1.15%           | 0.767%        |
| 32        | 24.050      | 3507          | 3513        | 3518         | rVV      | 3254232        | 6665356       | 3.08%           | 2.052%        |
| 33        | 24.109      | 3519          | 3523        | 3530         | rVB2     | 1265170        | 2463670       | 1.14%           | 0.758%        |
| 34        | 24.191      | 3532          | 3537        | 3542         | rVV      | 1067930        | 1967605       | 0.91%           | 0.606%        |
| 35        | 24.250      | 3543          | 3547        | 3557         | rVB3     | 577168         | 1316690       | 0.61%           | 0.405%        |
| 36        | 24.444      | 3575          | 3580        | 3601         | rVB4     | 566055         | 1595018       | 0.74%           | 0.491%        |

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Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

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-BM120122.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |       |        |
|----|--------|------|------|------|------|---------|---------|-------|--------|
| 37 | 25.650 | 3779 | 3785 | 3789 | rBV3 | 1030314 | 2569771 | 1.19% | 0.791% |
| 38 | 25.709 | 3790 | 3795 | 3811 | rVB2 | 2010738 | 5151283 | 2.38% | 1.586% |
| 39 | 25.891 | 3818 | 3826 | 3834 | rBV  | 1257869 | 3130263 | 1.45% | 0.964% |
| 40 | 26.021 | 3842 | 3848 | 3867 | rVB5 | 1505778 | 4224864 | 1.95% | 1.301% |

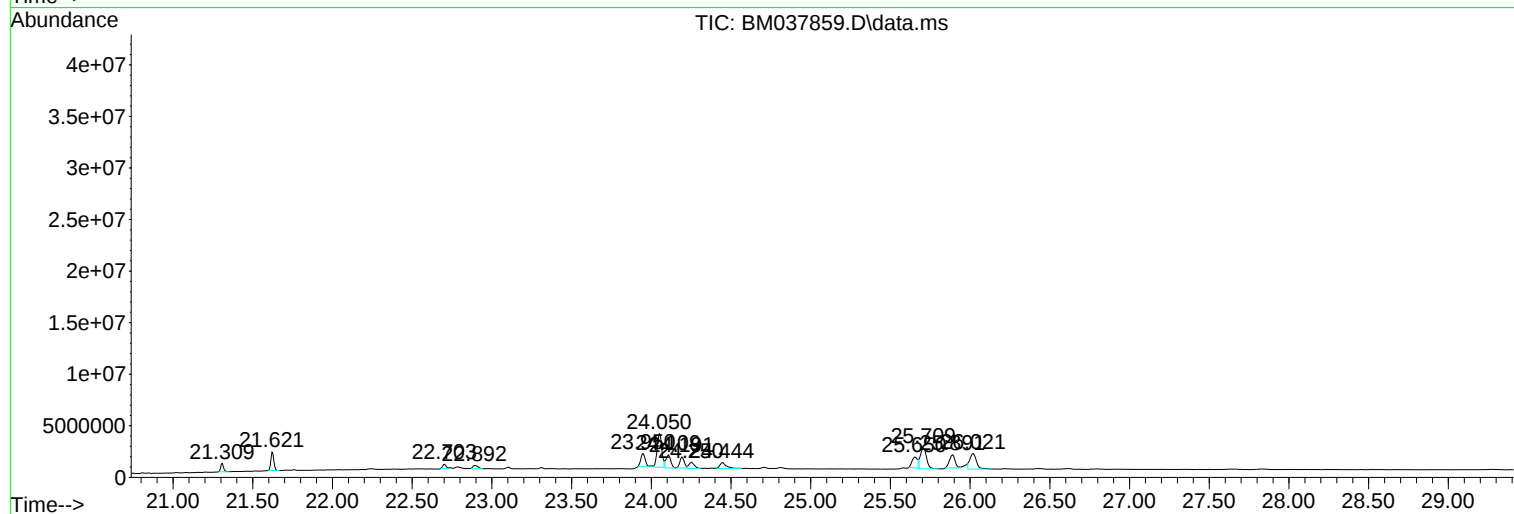
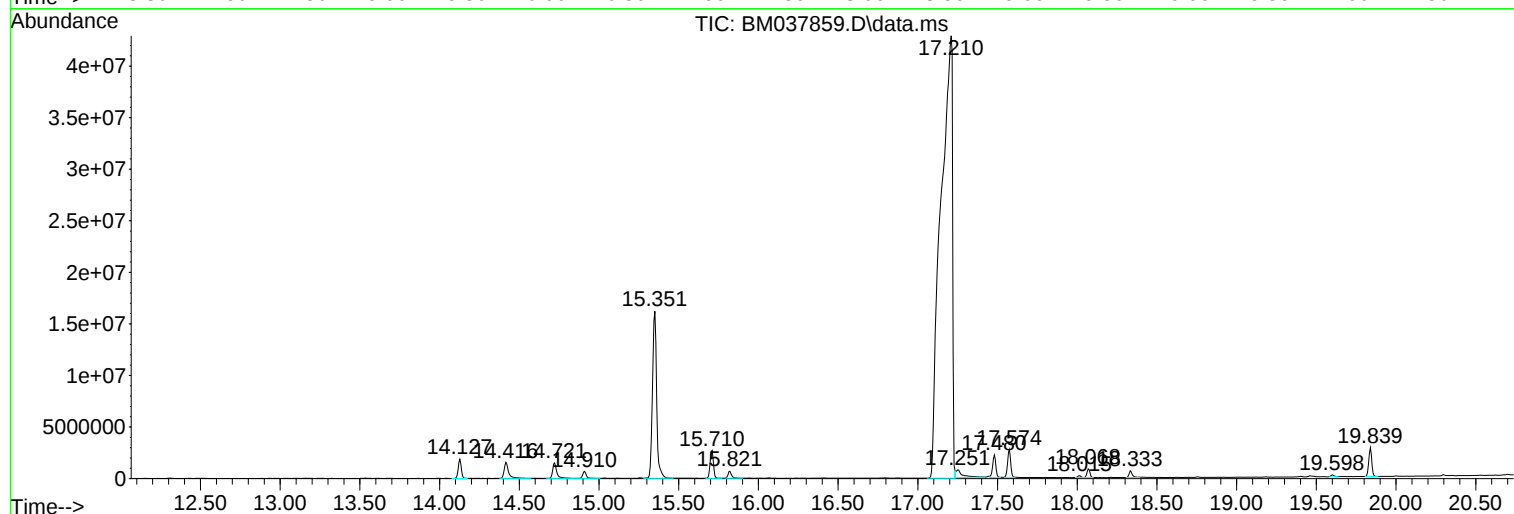
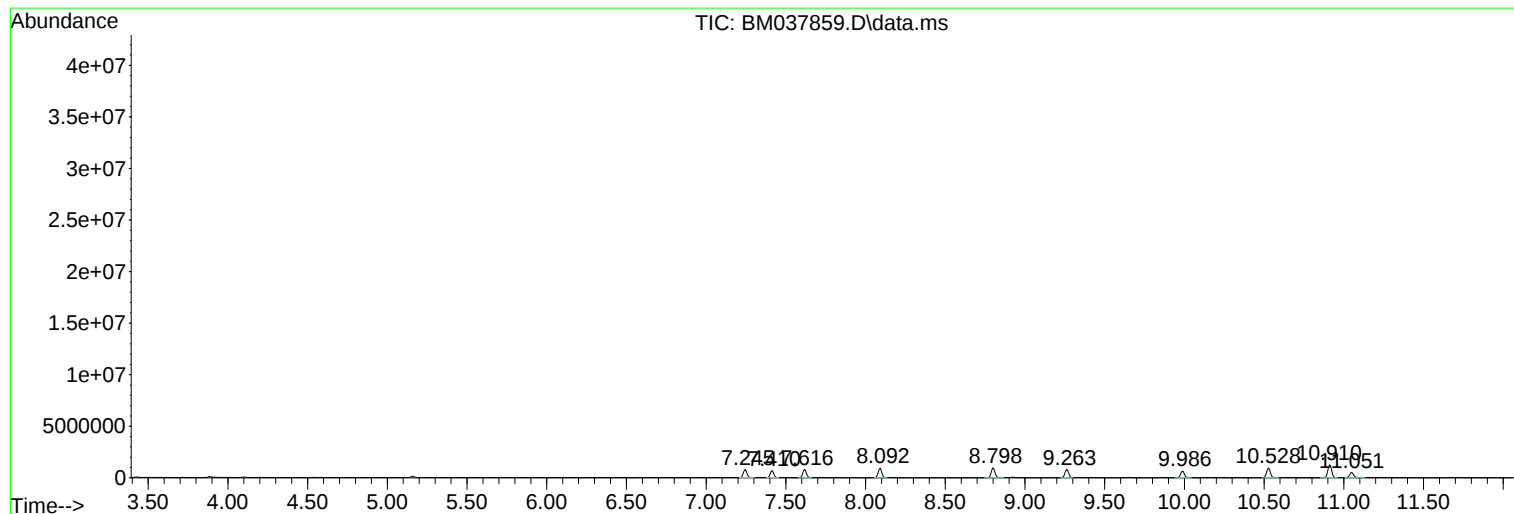
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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM120122.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120622\  
Data File : BM037859.D  
Acq On : 06 Dec 2022 18:07  
Operator : CG/JU  
Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

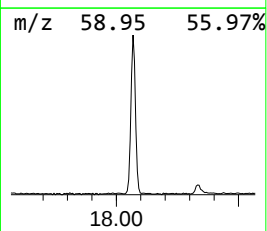
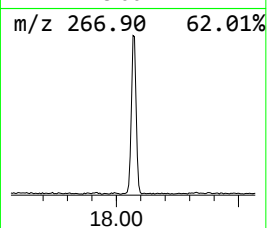
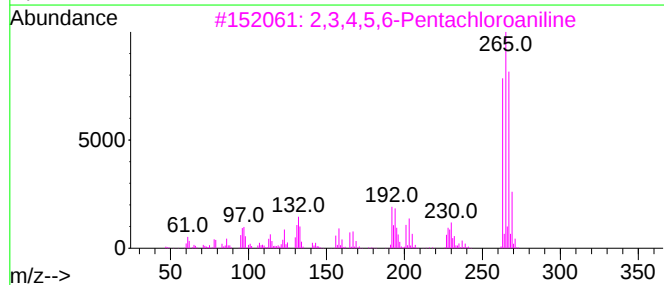
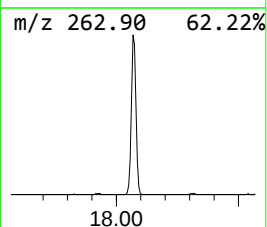
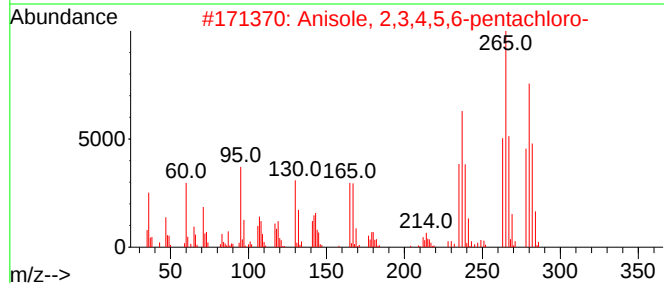
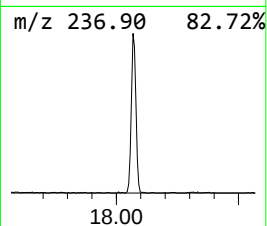
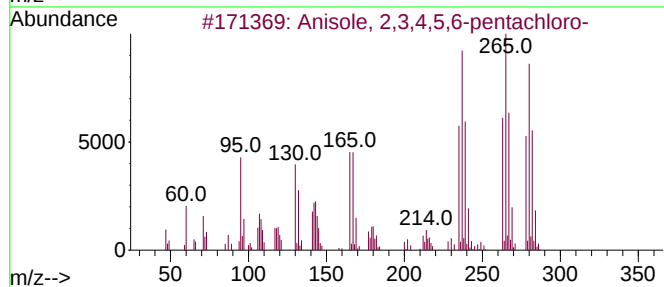
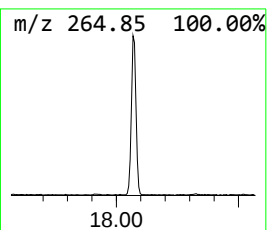
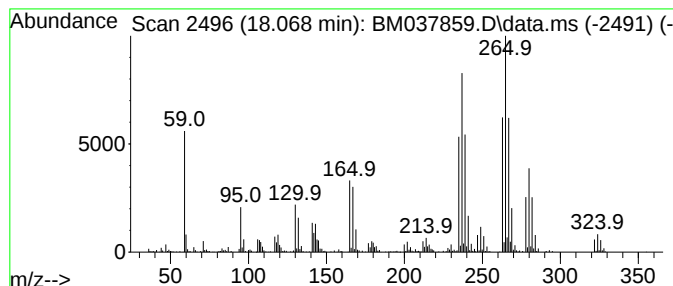
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM120122.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Anisole, 2,3,4,5,6-pentachl... Concentration Rank 10

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 18.068 | 7.32 ng/ul | 1093460 | Phenanthrene-d10 | 17.480 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Anisole, 2,3,4,5,6-pentachloro-     | 278 | C7H3Cl5O   | 001825-21-4  | 95   |
| 2    |    |   | Anisole, 2,3,4,5,6-pentachloro-     | 278 | C7H3Cl5O   | 001825-21-4  | 78   |
| 3    |    |   | 2,3,4,5,6-Pentachloroaniline        | 263 | C6H2Cl5N   | 000527-20-8  | 38   |
| 4    |    |   | 2,3,4,5,6-Pentachloroaniline        | 263 | C6H2Cl5N   | 000527-20-8  | 30   |
| 5    |    |   | Rhodium, acetylanilinato-bis(eth... | 293 | C12H16NORh | 1000153-76-6 | 25   |



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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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GBNJ4ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM120122.M  
Quant Title : SVOA CALIBRATION

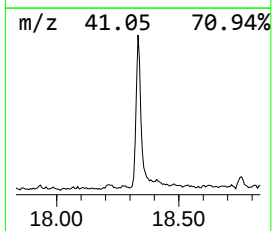
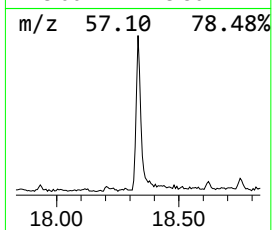
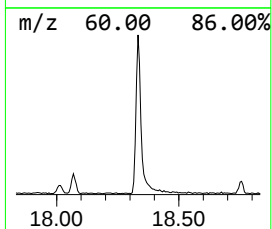
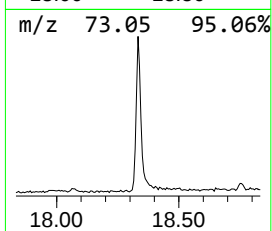
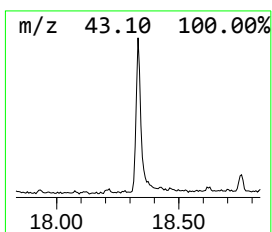
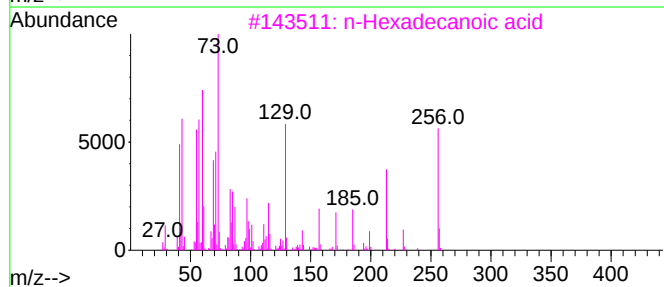
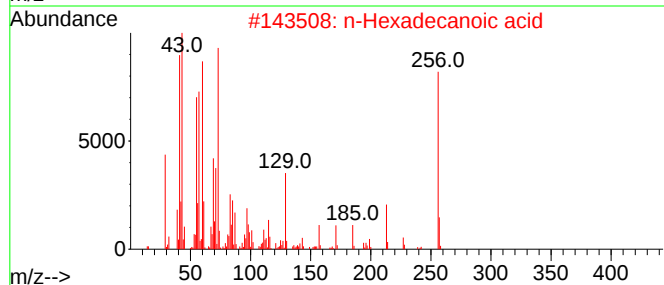
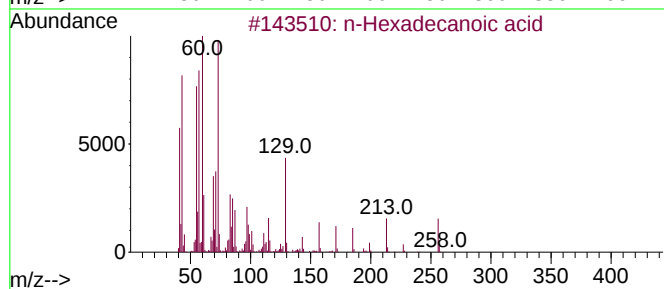
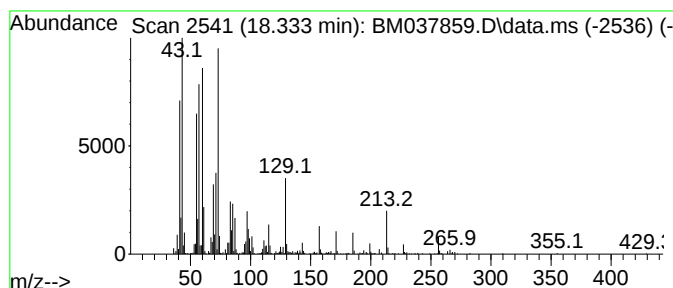
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 11

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.333 | 6.46 ng/ul | 964604 | Phenanthrene-d10 | 17.480 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |



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Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

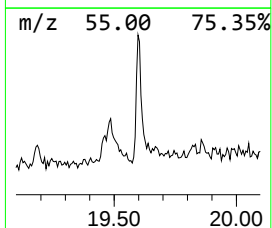
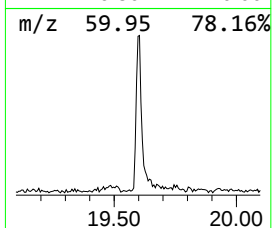
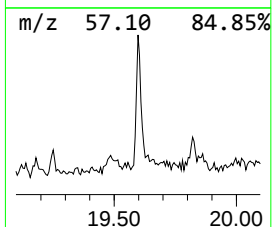
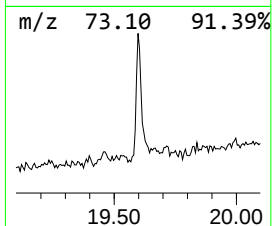
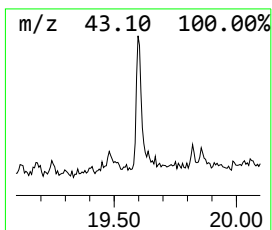
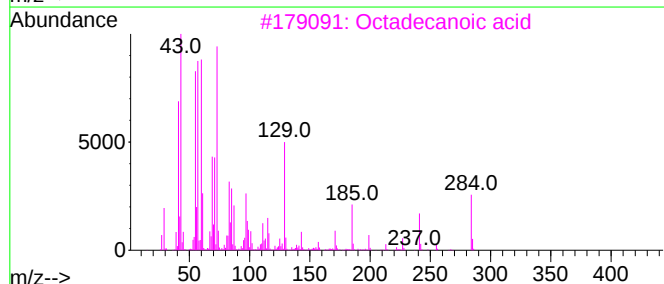
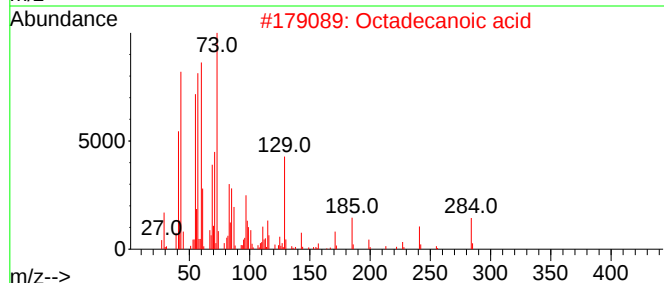
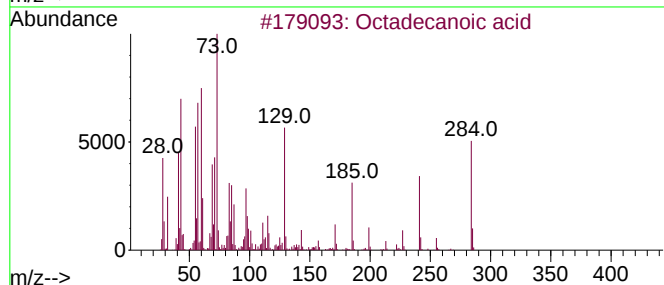
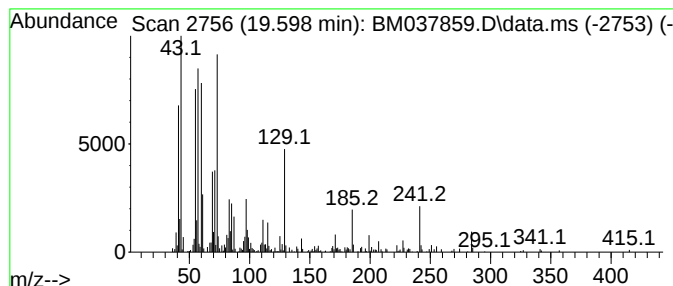
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM120122.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Octadecanoic acid Concentration Rank 14

| R.T.      | EstConc             | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------|--------|------------------|-------------|------|
| 19.598    | 2.26 ng/ul          | 262655 | Chrysene-d12     | 21.621      |      |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#        | Qual |
| 1         | Octadecanoic acid   | 284    | C18H36O2         | 000057-11-4 | 99   |
| 2         | Octadecanoic acid   | 284    | C18H36O2         | 000057-11-4 | 96   |
| 3         | Octadecanoic acid   | 284    | C18H36O2         | 000057-11-4 | 93   |
| 4         | Octadecanoic acid   | 284    | C18H36O2         | 000057-11-4 | 90   |
| 5         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 72   |



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Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM120122.M  
Quant Title : SVOA CALIBRATION

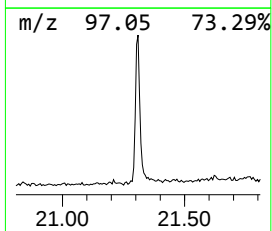
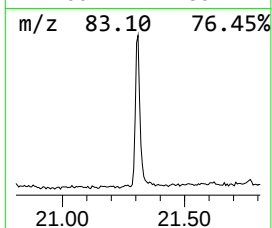
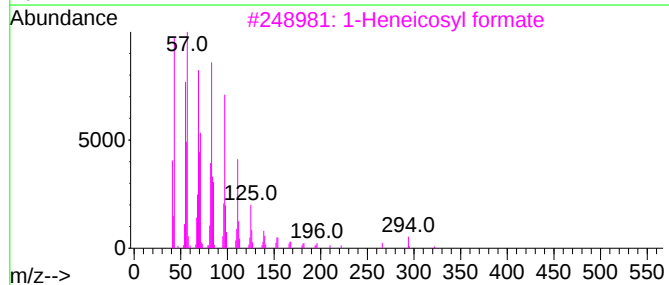
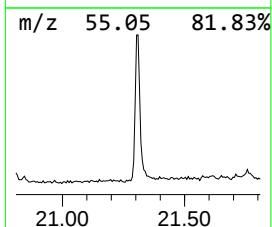
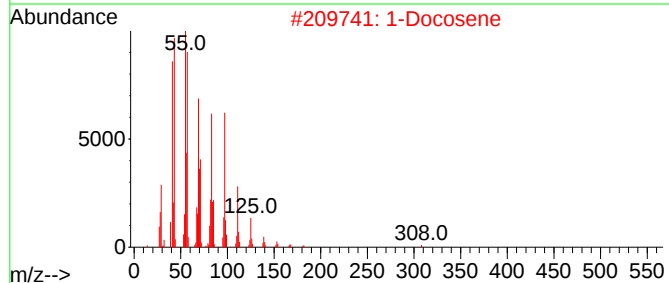
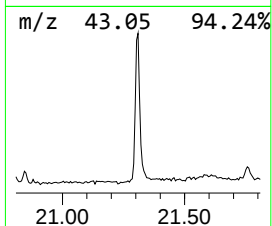
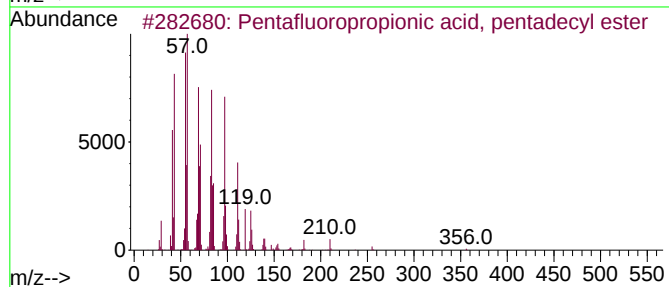
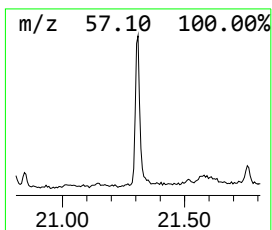
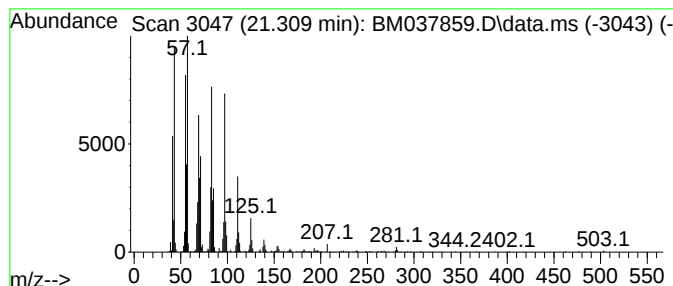
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 9

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 21.309 | 9.15 ng/ul | 1060950 | Chrysene-d12     | 21.621 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94   |
| 2    |    |   | 1-Docosene                          | 308 | C22H44     | 001599-67-3 | 94   |
| 3    |    |   | 1-Heneicosyl formate                | 340 | C22H44O2   | 077899-03-7 | 94   |
| 4    |    |   | 1-Tetracosene                       | 336 | C24H48     | 010192-32-2 | 94   |
| 5    |    |   | 1-Hexacosene                        | 364 | C26H52     | 018835-33-1 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120622\  
Data File : BM037859.D  
Acq On : 06 Dec 2022 18:07  
Operator : CG/JU  
Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

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Quant Title : SVOA CALIBRATION

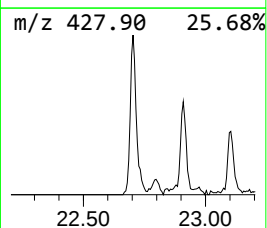
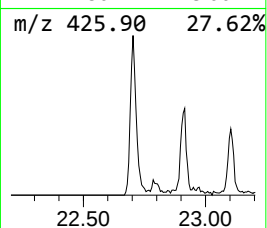
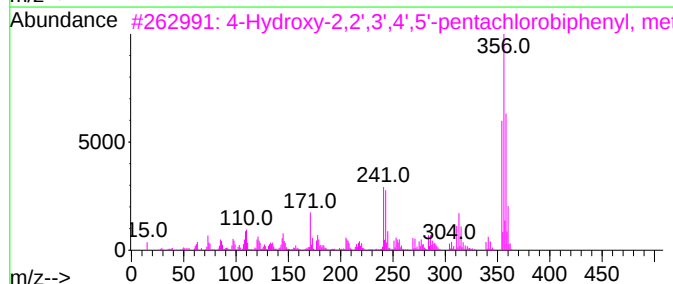
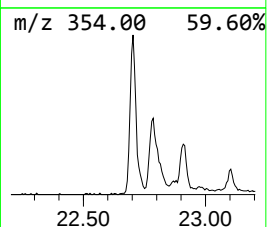
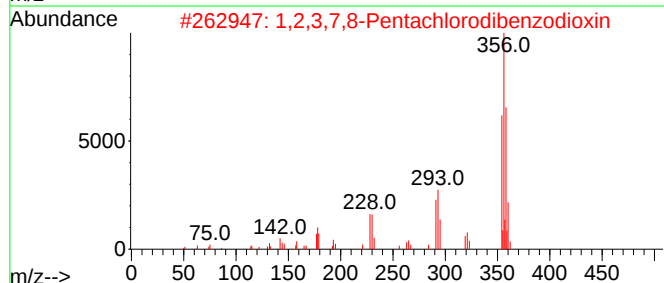
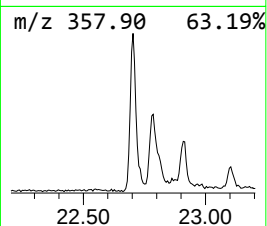
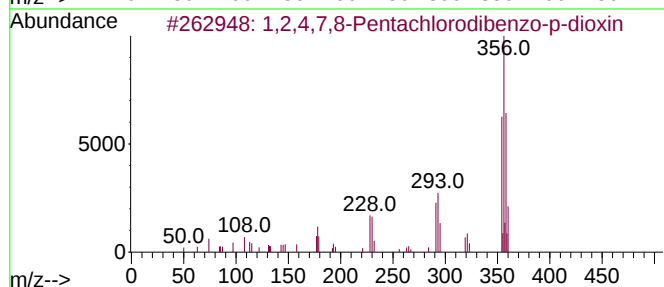
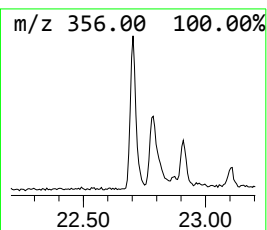
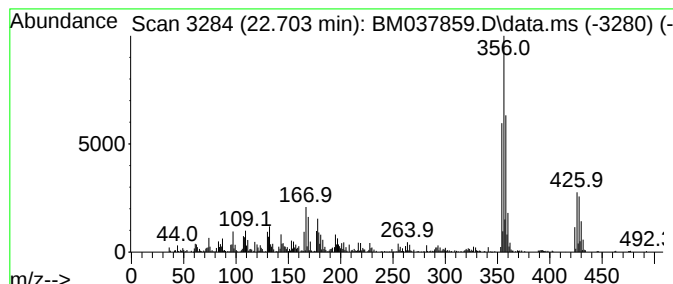
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 1,2,4,7,8-Pentachlorodibenz... Concentration Rank 12

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.703 | 5.73 ng/ul | 664351 | Chrysene-d12     | 21.621 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 1,2,4,7,8-Pentachlorodibenzo-p-d... | 354 | C12H3Cl5O2   | 058802-08-7  | 91      |      |      |
| 2    | 1,2,3,7,8-Pentachlorodibenzodioxin  | 354 | C12H3Cl5O2   | 040321-76-4  | 83      |      |      |
| 3    | 4-Hydroxy-2,2',3',4',5'-pentachl... | 354 | C13H7Cl5O    | 1000447-88-3 | 64      |      |      |
| 4    | 4-Hydroxy-2,2',3',5',6'-pentachl... | 354 | C13H7Cl5O    | 1000447-88-4 | 64      |      |      |
| 5    | 4-Hydroxy-2',3,3',5',6'-pentachl... | 354 | C13H7Cl5O    | 1000447-88-6 | 58      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120622\  
Data File : BM037859.D  
Acq On : 06 Dec 2022 18:07  
Operator : CG/JU  
Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

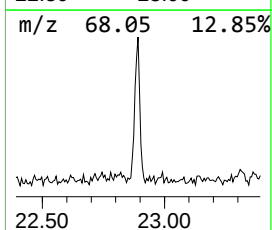
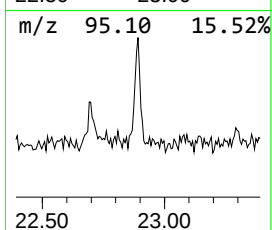
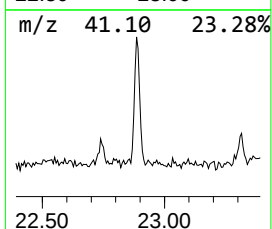
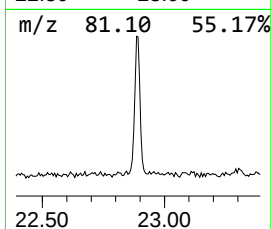
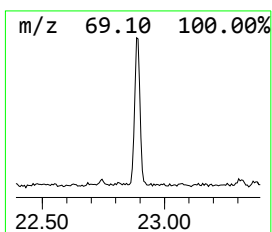
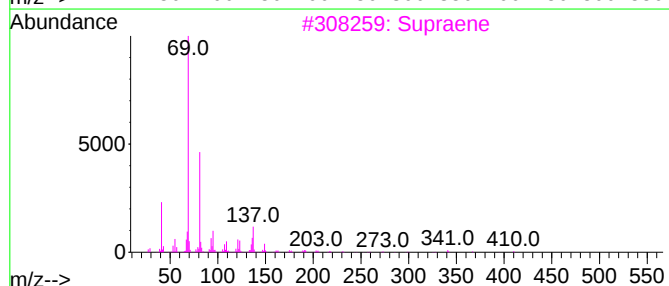
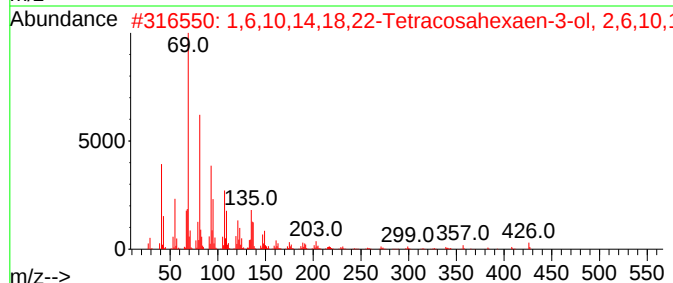
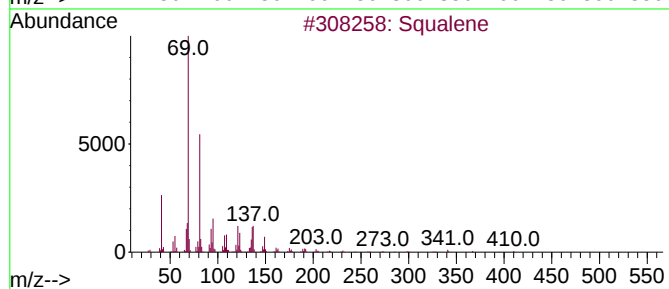
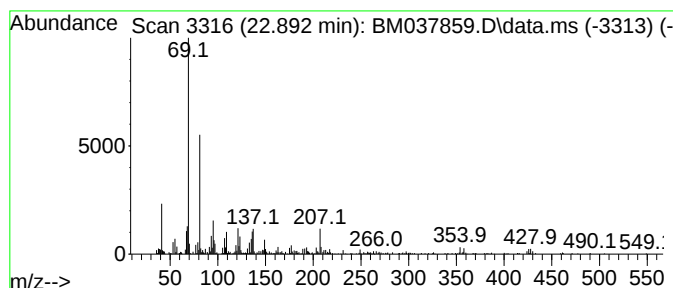
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Quant Title : SVOA CALIBRATION

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

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Peak Number 6 Squalene Concentration Rank 13

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 22.892    | 5.53 ng/ul                          | 681625 | Perylene-d12     | 24.109      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Squalene                            | 410    | C30H50           | 000111-02-4 | 83   |
| 2         | 1,6,10,14,18,22-Tetracosahexaen-... | 426    | C30H50O          | 054159-46-5 | 81   |
| 3         | Supraene                            | 410    | C30H50           | 007683-64-9 | 80   |
| 4         | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 222    | C15H26O          | 004602-84-0 | 72   |
| 5         | Squalene                            | 410    | C30H50           | 000111-02-4 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120622\  
Data File : BM037859.D  
Acq On : 06 Dec 2022 18:07  
Operator : CG/JU  
Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

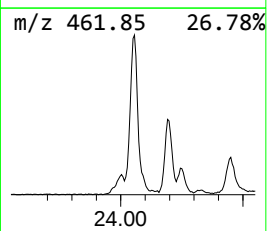
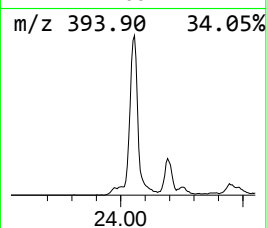
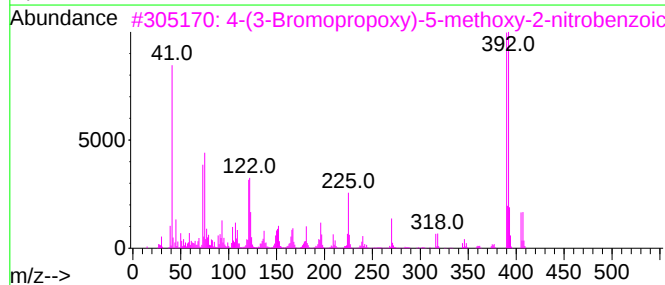
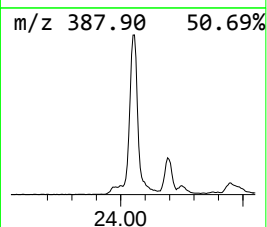
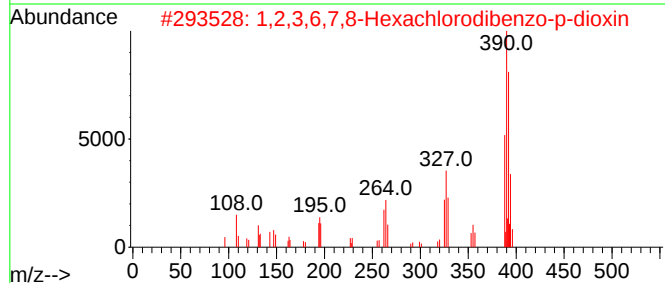
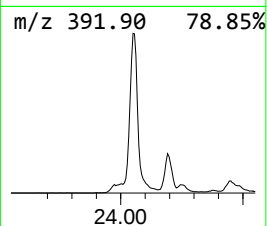
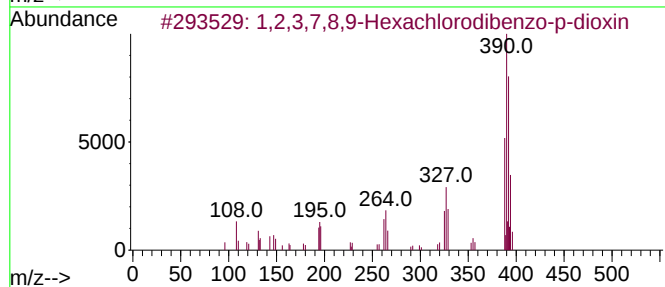
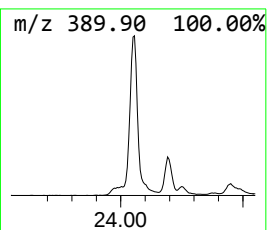
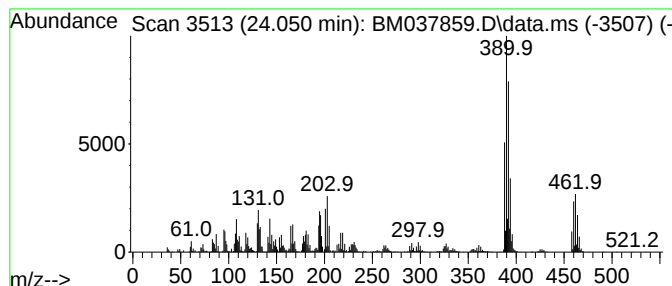
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Quant Title : SVOA CALIBRATION

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

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Peak Number 7 1,2,3,7,8,9-Hexachlorodiben... Concentration Rank 1

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 24.050 | 54.11 ng/ul | 6665360 | Perylene-d12     | 24.109 |

| Hit# | of                                  | 5   | Tentative ID  | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|---------------|--------------|---------|------|------|
| 1    | 1,2,3,7,8,9-Hexachlorodibenzo-p...  | 388 | C12H2Cl6O2    | 019408-74-3  | 89      |      |      |
| 2    | 1,2,3,6,7,8-Hexachlorodibenzo-p...  | 388 | C12H2Cl6O2    | 057653-85-7  | 89      |      |      |
| 3    | 4-(3-Bromopropoxy)-5-methoxy-2-n... | 405 | C14H20BrNO6Si | 1000471-26-2 | 37      |      |      |
| 4    | N-(2,3,5,6-Tetrachlorophenyl)-2...  | 425 | C10H2Cl4F7NO  | 1000373-25-8 | 32      |      |      |
| 5    | 4H-1-Benzopyran-2-carboxylic aci... | 390 | C12H8Br2O5    | 030113-88-3  | 27      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120622\  
Data File : BM037859.D  
Acq On : 06 Dec 2022 18:07  
Operator : CG/JU  
Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

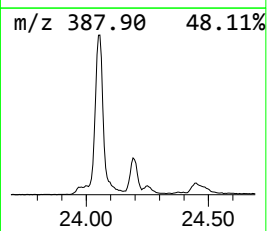
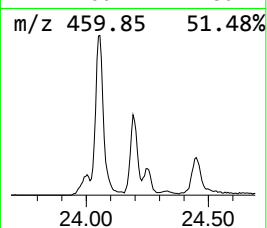
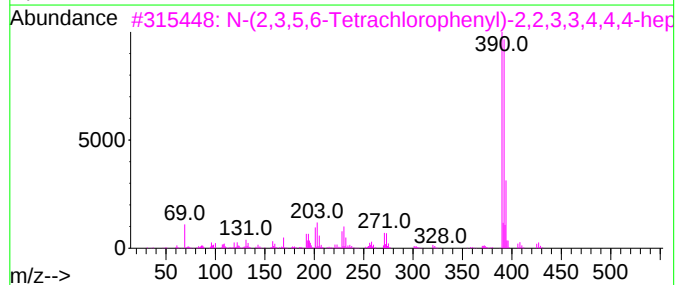
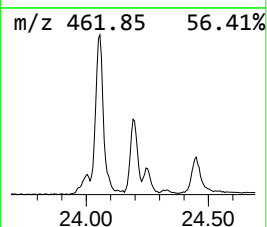
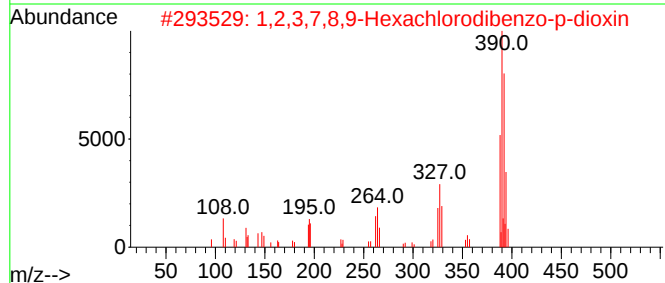
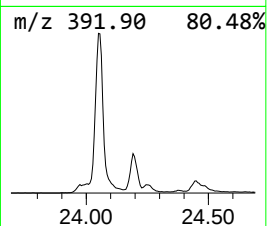
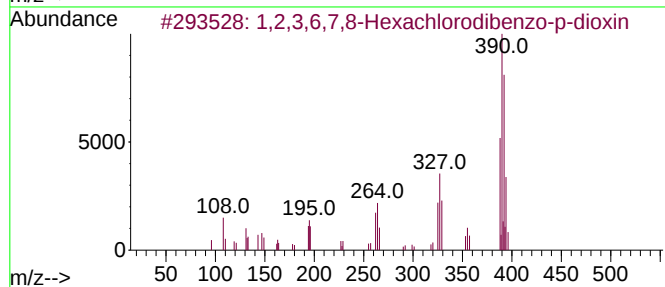
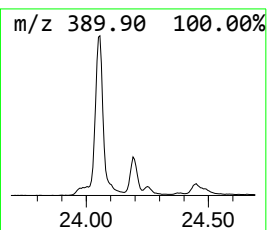
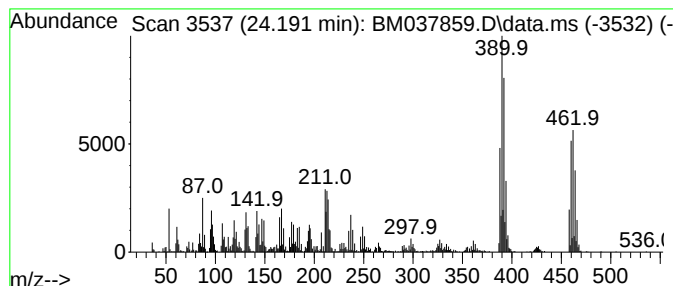
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Quant Title : SVOA CALIBRATION

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

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Peak Number 8 1,2,3,6,7,8-Hexachlorodiben... Concentration Rank 6

| R.T.   | EstConc     | Area                                | Relative to ISTD | R.T.         |              |      |
|--------|-------------|-------------------------------------|------------------|--------------|--------------|------|
| 24.191 | 15.97 ng/ul | 1967610                             | Perylene-d12     | 24.109       |              |      |
| Hit#   | of 5        | Tentative ID                        | MW               | MolForm      | CAS#         | Qual |
| 1      |             | 1,2,3,6,7,8-Hexachlorodibenzo-p...  | 388              | C12H2Cl6O2   | 057653-85-7  | 78   |
| 2      |             | 1,2,3,7,8,9-Hexachlorodibenzo-p...  | 388              | C12H2Cl6O2   | 019408-74-3  | 60   |
| 3      |             | N-(2,3,5,6-Tetrachlorophenyl)-2,... | 425              | C10H2Cl4F7NO | 1000373-25-8 | 38   |
| 4      |             | Thieno[2,3-b]thiophene, 2-bromo...  | 390              | C11H8Br2N2S2 | 1000268-03-5 | 25   |
| 5      |             | Pregn-20-yn-6-one, 17-(acetyloxy... | 390              | C23H31FO4    | 057194-88-4  | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120622\  
Data File : BM037859.D  
Acq On : 06 Dec 2022 18:07  
Operator : CG/JU  
Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

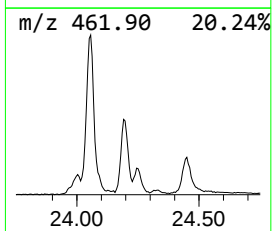
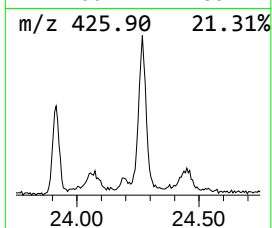
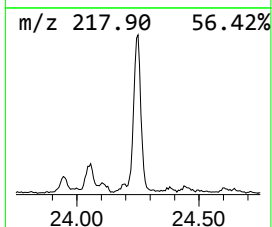
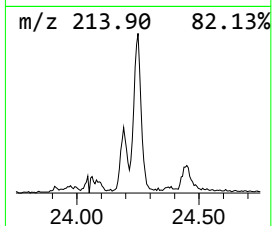
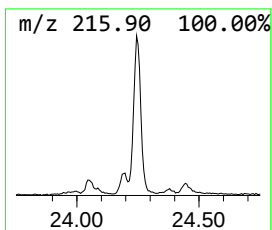
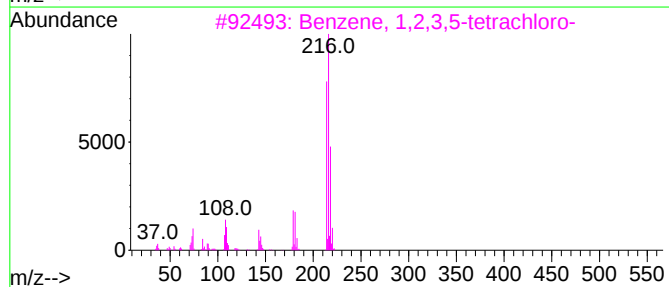
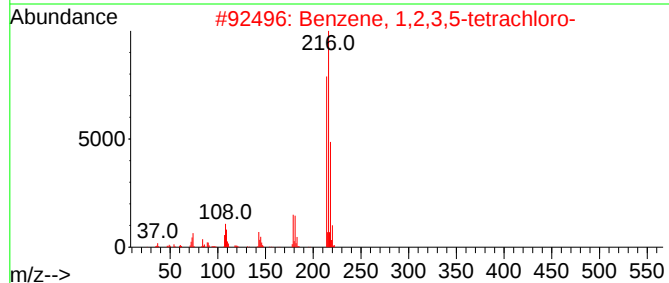
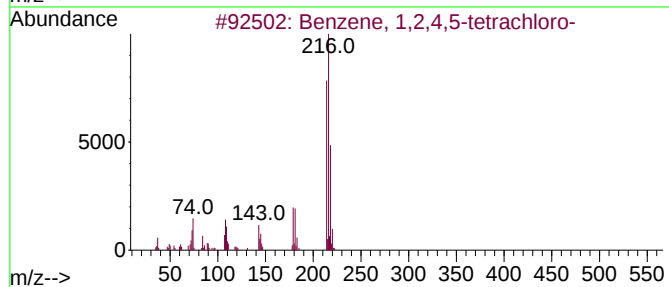
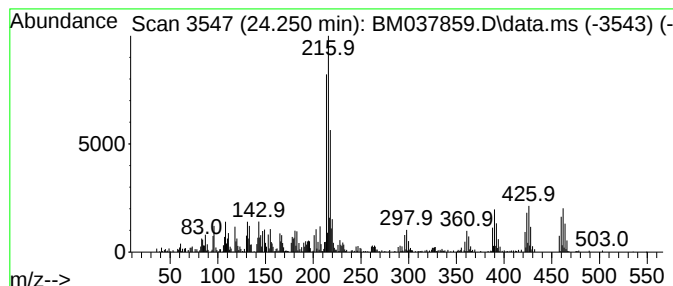
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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 Benzene, 1,2,4,5-tetrachloro- Concentration Rank 8

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 24.250 | 10.69 ng/ul | 1316690 | Perylene-d12     | 24.109 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 78   |
| 2    |    |   | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 78   |
| 3    |    |   | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 78   |
| 4    |    |   | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 78   |
| 5    |    |   | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120622\  
Data File : BM037859.D  
Acq On : 06 Dec 2022 18:07  
Operator : CG/JU  
Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

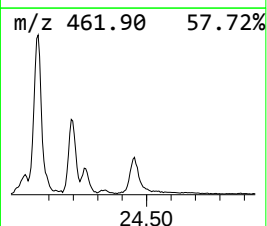
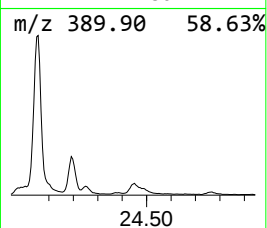
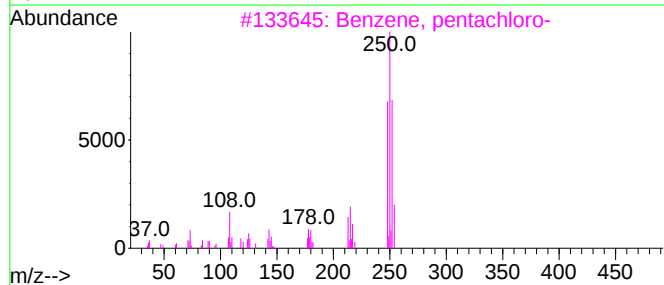
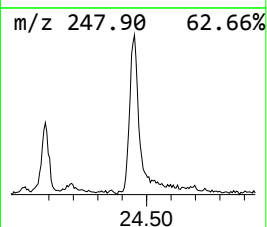
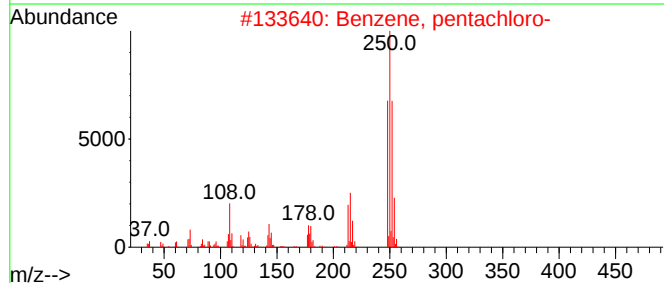
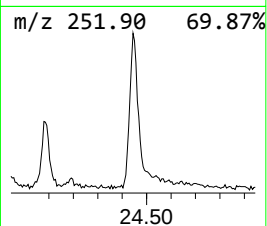
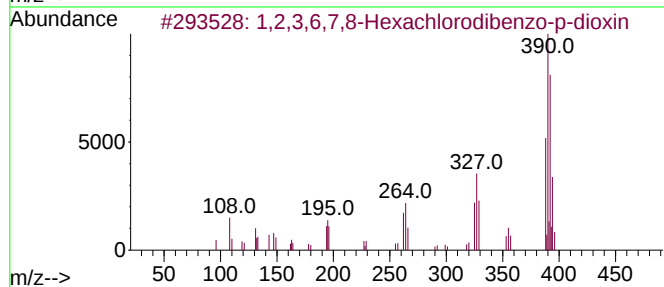
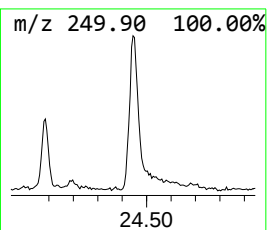
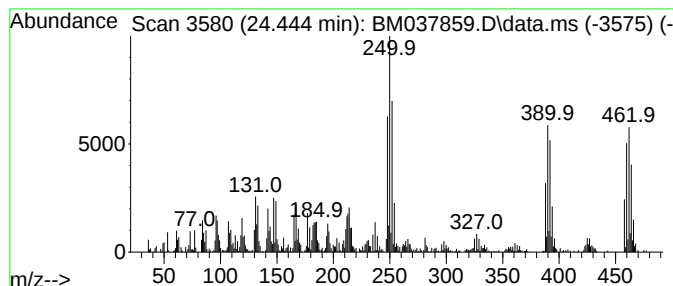
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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 unknown-01 Concentration Rank 7

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 24.444 | 12.95 ng/ul | 1595020 | Perylene-d12     | 24.109 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|------|-------------------------------------|-----|------------|-------------|------|
| 1    |      | 1,2,3,6,7,8-Hexachlorodibenzo-p-... | 388 | C12H2Cl6O2 | 057653-85-7 | 56   |
| 2    |      | Benzene, pentachloro-               | 248 | C6HCl5     | 000608-93-5 | 38   |
| 3    |      | Benzene, pentachloro-               | 248 | C6HCl5     | 000608-93-5 | 38   |
| 4    |      | Benzene, pentachloro-               | 248 | C6HCl5     | 000608-93-5 | 38   |
| 5    |      | Benzene, pentachloro-               | 248 | C6HCl5     | 000608-93-5 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120622\  
Data File : BM037859.D  
Acq On : 06 Dec 2022 18:07  
Operator : CG/JU  
Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM120122.M  
Quant Title : SVOA CALIBRATION

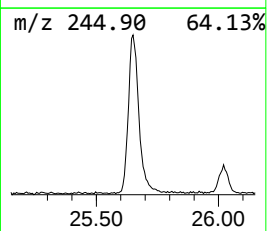
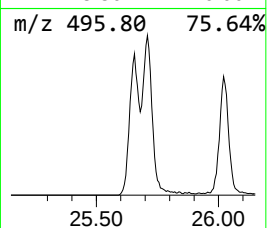
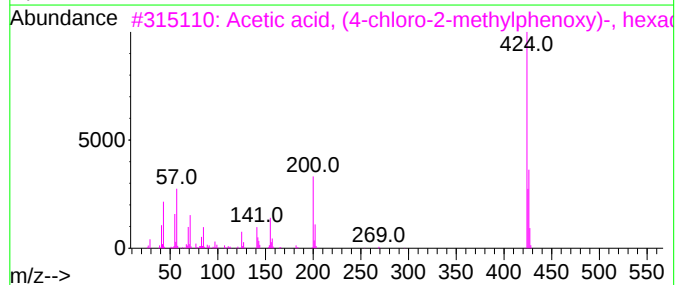
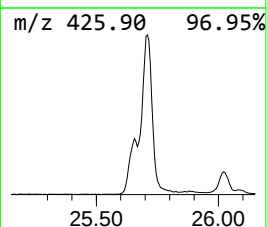
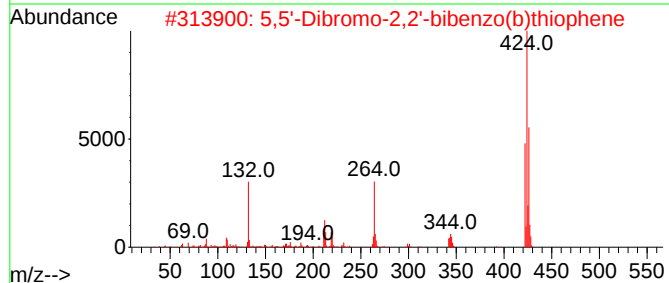
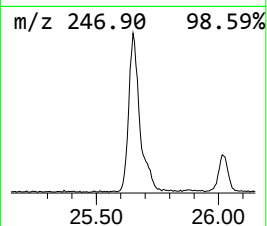
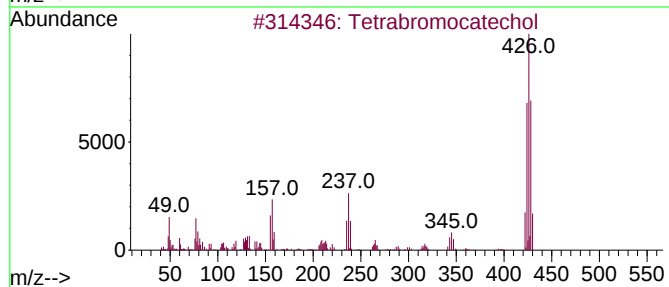
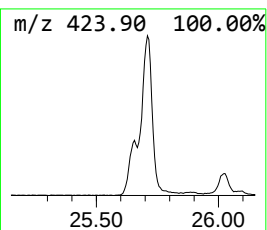
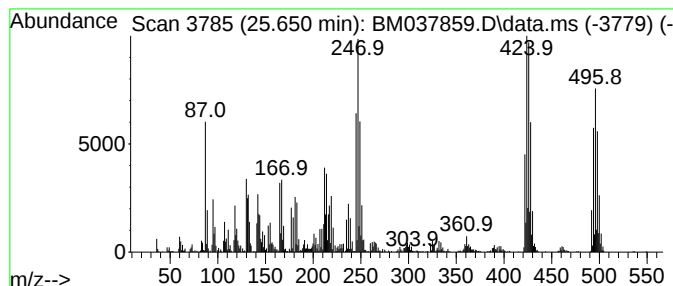
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 unknown-02 Concentration Rank 5

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 25.650 | 20.86 ng/ul | 2569770 | Perylene-d12     | 24.109 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|------|-------------------------------------|-----|-------------|--------------|------|
| 1    |      | Tetrabromocatechol                  | 422 | C6H2Br4O2   | 000488-47-1  | 35   |
| 2    |      | 5,5'-Dibromo-2,2'-bibenzo(b)thio... | 422 | C16H8Br2S2  | 007312-21-2  | 20   |
| 3    |      | Acetic acid, (4-chloro-2-methylp... | 424 | C25H41ClO3  | 1000415-16-9 | 11   |
| 4    |      | Dibenzo(b,f)(1,5)diazocine, 2,8-... | 426 | C26H16Cl2N2 | 003646-61-5  | 10   |
| 5    |      | 4-(2-Bromophenyl)-2-[(2-bromophe... | 424 | C16H10Br2S2 | 1000444-65-0 | 10   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120622\  
Data File : BM037859.D  
Acq On : 06 Dec 2022 18:07  
Operator : CG/JU  
Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

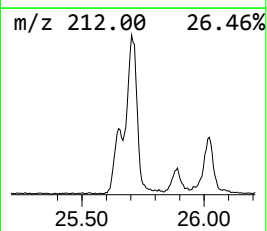
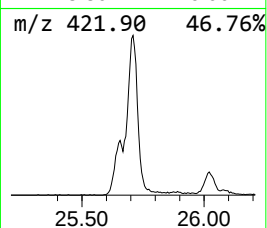
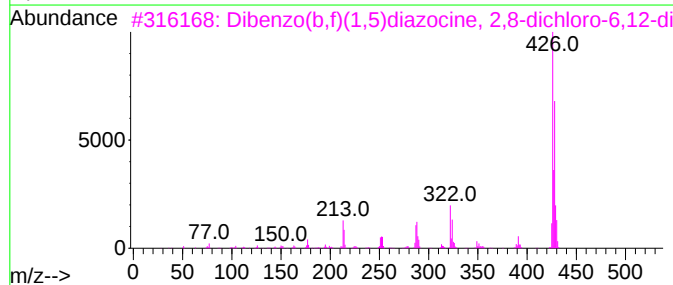
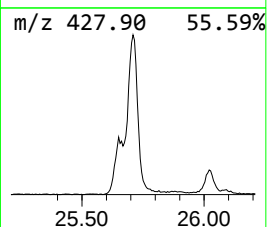
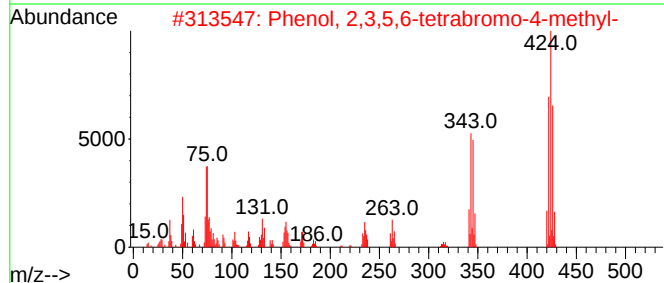
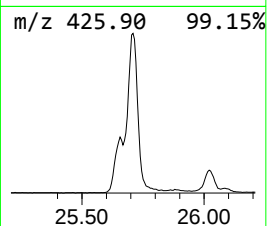
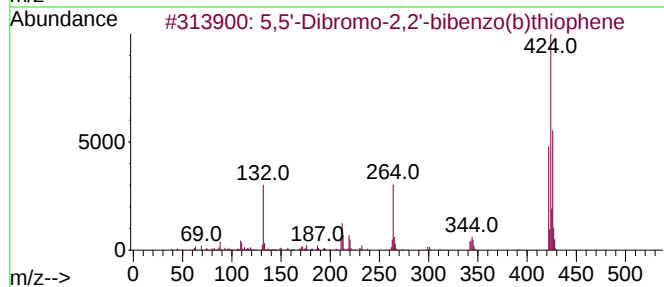
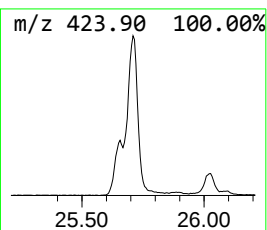
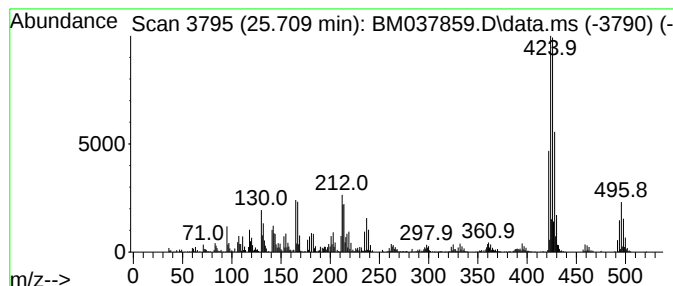
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 12 unknown-03 Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 25.709 | 41.82 ng/ul | 5151280 | Perylene-d12     | 24.109 |

| Hit# | of 5                                | Tentative ID | MW          | MolForm     | CAS# | Qual |
|------|-------------------------------------|--------------|-------------|-------------|------|------|
| 1    | 5,5'-Dibromo-2,2'-bibenzo(b)thio... | 422          | C16H8Br2S2  | 007312-21-2 | 47   |      |
| 2    | Phenol, 2,3,5,6-tetrabromo-4-met... | 420          | C7H4Br4O    | 037721-75-8 | 43   |      |
| 3    | Dibenzo(b,f)(1,5)diazocine, 2,8-... | 426          | C26H16Cl2N2 | 003646-61-5 | 38   |      |
| 4    | Phenol, 2,3,4,5-tetrabromo-6-met... | 420          | C7H4Br4O    | 000576-55-6 | 38   |      |
| 5    | Phenol, 2,3,4,5-tetrabromo-6-met... | 420          | C7H4Br4O    | 000576-55-6 | 23   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120622\  
Data File : BM037859.D  
Acq On : 06 Dec 2022 18:07  
Operator : CG/JU  
Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

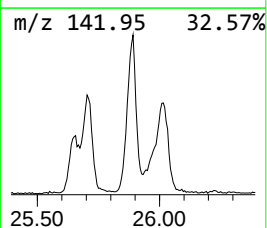
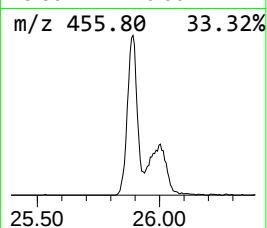
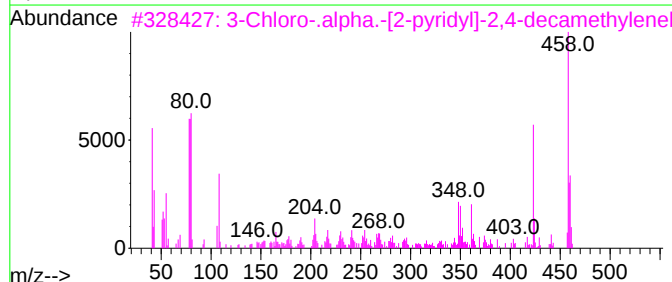
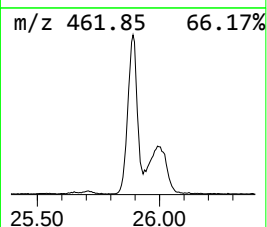
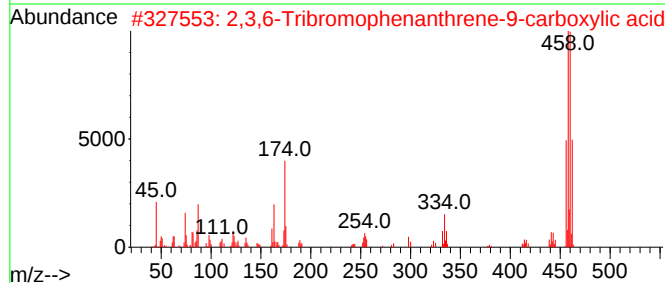
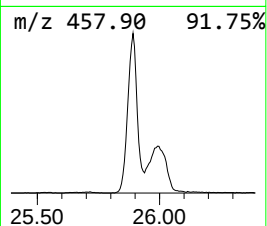
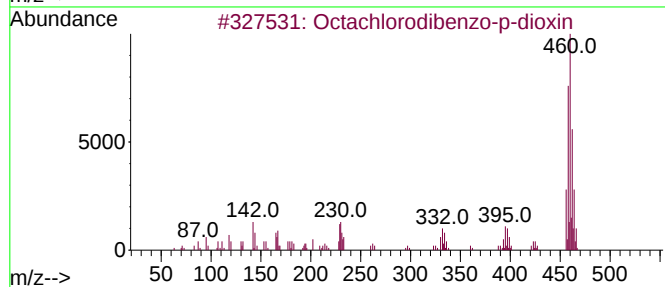
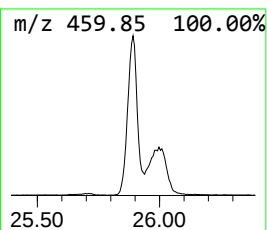
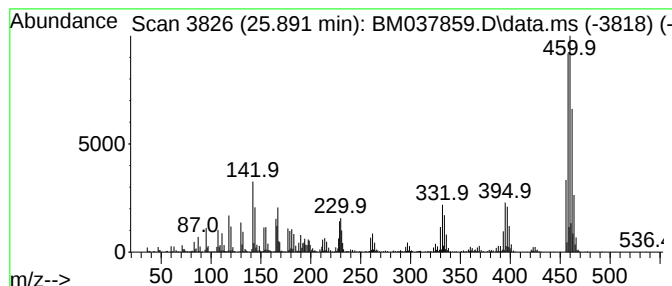
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Quant Title : SVOA CALIBRATION

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

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Peak Number 13 Octachlorodibenzo-p-dioxin Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 25.891 | 25.41 ng/ul | 3130260 | Perylene-d12     | 24.109 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Octachlorodibenzo-p-dioxin          | 456 | C12Cl8O2    | 003268-87-9  | 83   |
| 2    |    |   | 2,3,6-Tribromophenanthrene-9-car... | 456 | C15H7Br3O2  | 056988-60-4  | 33   |
| 3    |    |   | 3-Chloro-.alpha.-[2-pyridyl]-2,4... | 458 | C29H31ClN2O | 035158-92-0  | 14   |
| 4    |    |   | 1,1':4',1'':4'',1''':4''',1'''':... | 458 | C36H26      | 004499-83-6  | 9    |
| 5    |    |   | Odoratin, 2TMS                      | 458 | C23H30O6Si2 | 1000502-41-4 | 9    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120622\  
Data File : BM037859.D  
Acq On : 06 Dec 2022 18:07  
Operator : CG/JU  
Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

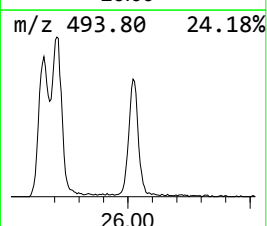
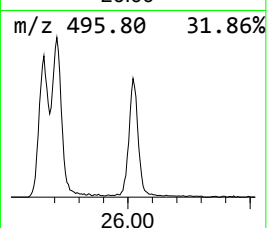
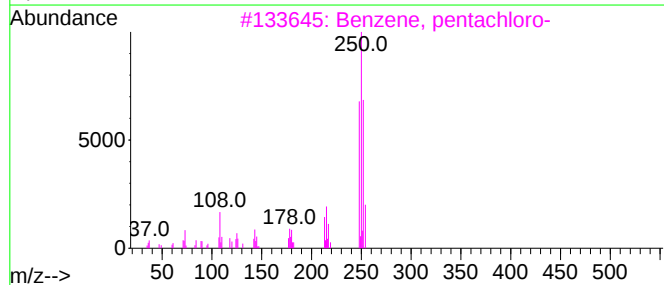
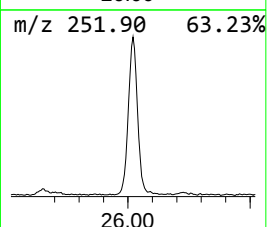
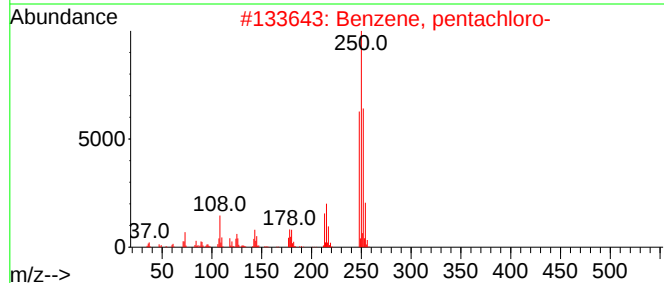
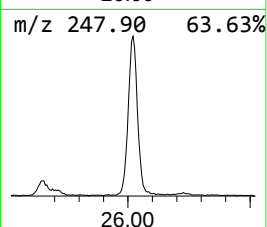
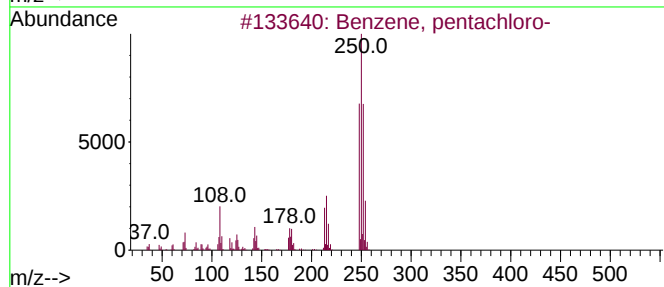
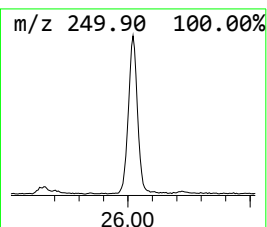
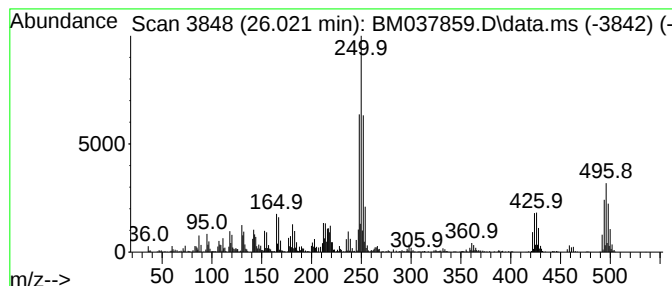
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Quant Title : SVOA CALIBRATION

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

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Peak Number 14 Benzene, pentachloro- Concentration Rank 3

| R.T.   | EstConc     | Area    | Relative to ISTD | R.T.   |
|--------|-------------|---------|------------------|--------|
| 26.021 | 34.30 ng/ul | 4224860 | Perylene-d12     | 24.109 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm        | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------------|--------------|------|
| 1    |    |   | Benzene, pentachloro-               | 248 | C6HC15         | 000608-93-5  | 78   |
| 2    |    |   | Benzene, pentachloro-               | 248 | C6HC15         | 000608-93-5  | 78   |
| 3    |    |   | Benzene, pentachloro-               | 248 | C6HC15         | 000608-93-5  | 60   |
| 4    |    |   | 4-Bromo-6-chlorobenzo[c][1,2,5]t... | 248 | C6H2BrClN2S    | 1215206-49-7 | 43   |
| 5    |    |   | Fluvalinate                         | 502 | C26H22ClF3N2O3 | 069409-94-5  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120622\  
Data File : BM037859.D  
Acq On : 06 Dec 2022 18:07  
Operator : CG/JU  
Sample : N5738-15ME  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GBNJ4ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM120122.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 |
| Anisole, 2,3,4,... | 18.068 | 7.3     | ng/ul | 1093460  | 4                     | 17.480 | 2988670 | 20.0 |
| n-Hexadecanoic ... | 18.333 | 6.5     | ng/ul | 964604   | 4                     | 17.480 | 2988670 | 20.0 |
| Octadecanoic acid  | 19.598 | 2.3     | ng/ul | 262655   | 5                     | 21.621 | 2319770 | 20.0 |
| Pentafluoroprop... | 21.309 | 9.2     | ng/ul | 1060950  | 5                     | 21.621 | 2319770 | 20.0 |
| 1,2,4,7,8-Penta... | 22.703 | 5.7     | ng/ul | 664351   | 5                     | 21.621 | 2319770 | 20.0 |
| Squalene           | 22.892 | 5.5     | ng/ul | 681625   | 6                     | 24.109 | 2463670 | 20.0 |
| 1,2,3,7,8,9-Hex... | 24.050 | 54.1    | ng/ul | 6665360  | 6                     | 24.109 | 2463670 | 20.0 |
| 1,2,3,6,7,8-Hex... | 24.191 | 16.0    | ng/ul | 1967610  | 6                     | 24.109 | 2463670 | 20.0 |
| Benzene, 1,2,4,... | 24.250 | 10.7    | ng/ul | 1316690  | 6                     | 24.109 | 2463670 | 20.0 |
| unknown-01         | 24.444 | 12.9    | ng/ul | 1595020  | 6                     | 24.109 | 2463670 | 20.0 |
| unknown-02         | 25.650 | 20.9    | ng/ul | 2569770  | 6                     | 24.109 | 2463670 | 20.0 |
| unknown-03         | 25.709 | 41.8    | ng/ul | 5151280  | 6                     | 24.109 | 2463670 | 20.0 |
| Octachlorodiben... | 25.891 | 25.4    | ng/ul | 3130260  | 6                     | 24.109 | 2463670 | 20.0 |
| Benzene, pentac... | 26.021 | 34.3    | ng/ul | 4224860  | 6                     | 24.109 | 2463670 | 20.0 |