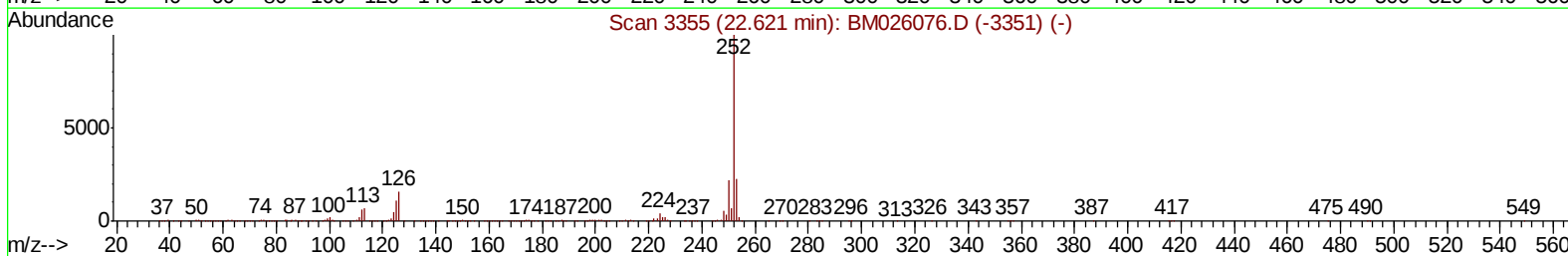
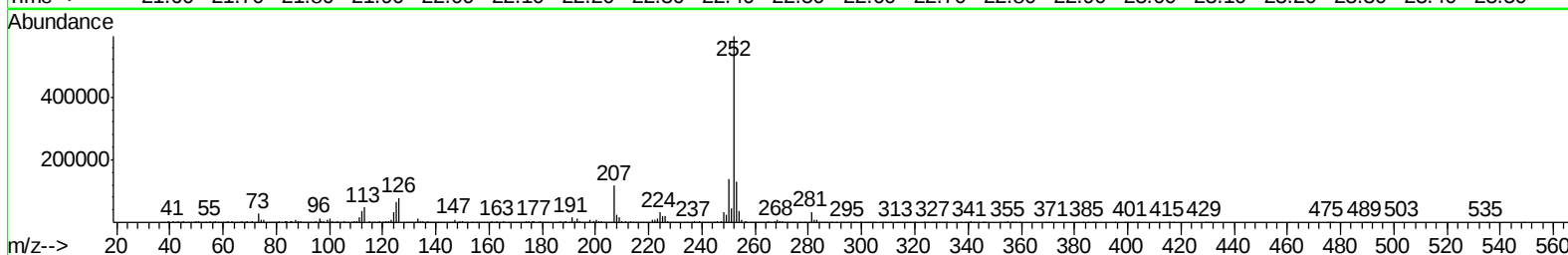
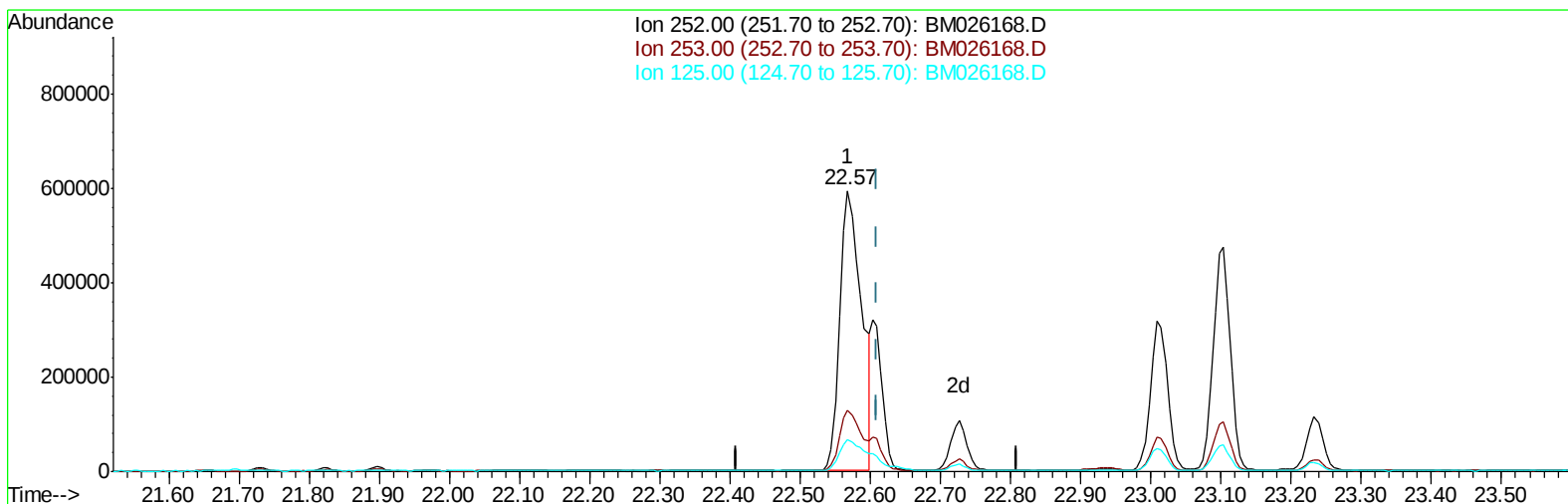


Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\  
Data File : BM026168.D  
Acq On : 28 May 2020 22:56  
Operator : MA/SJ  
Sample : L2785-06  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 29 01:28:12 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu May 28 11:12:05 2020  
Response via : Initial Calibration



TIC: BM026168.D

(89) Benzo(k)fluoranthene

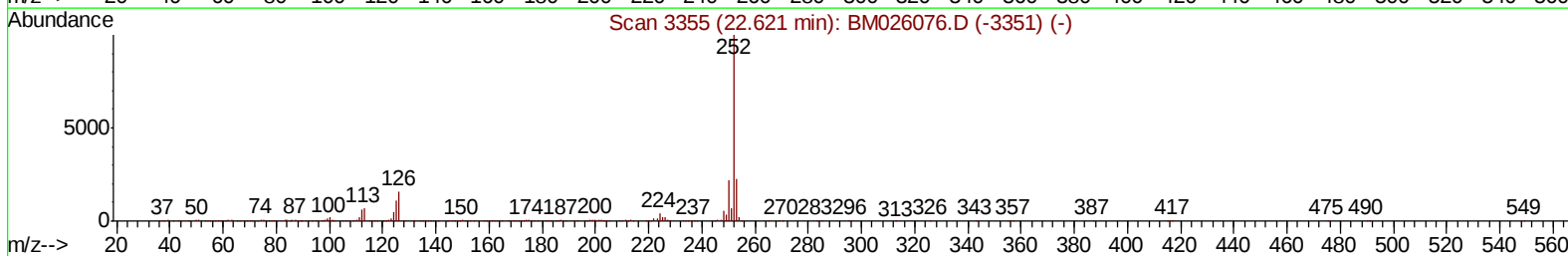
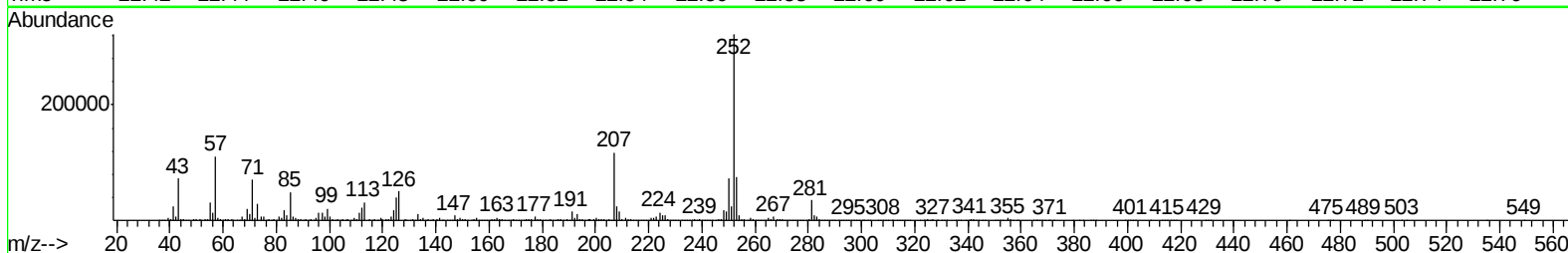
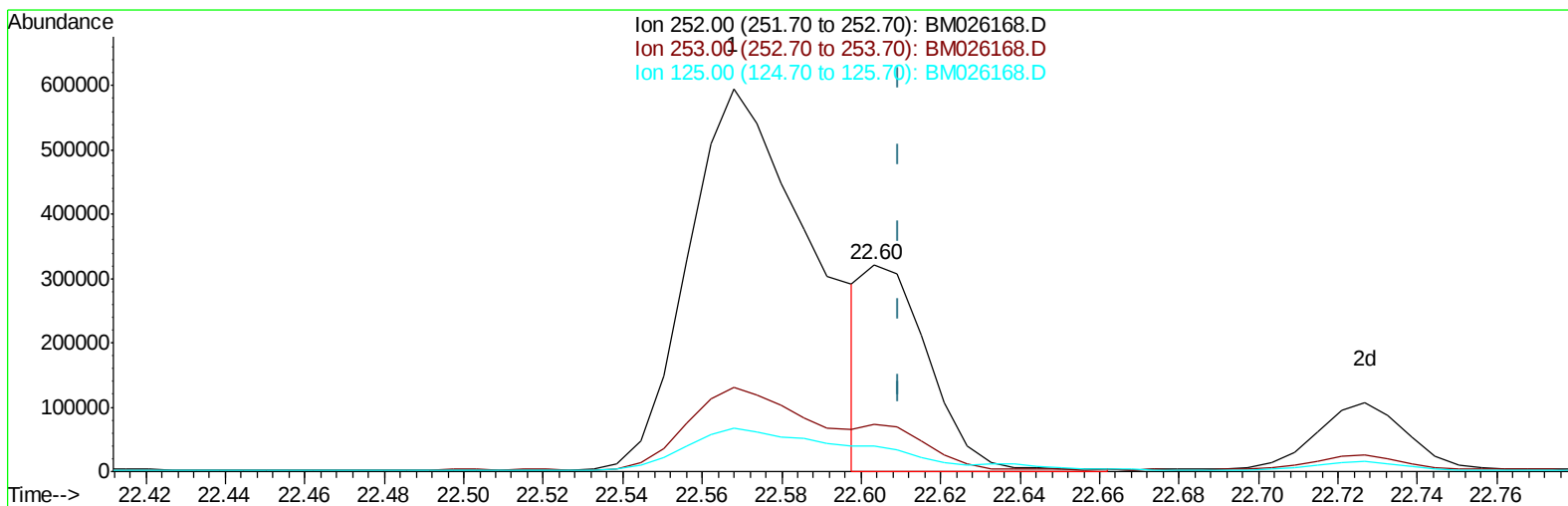
22.568min (-0.041) 21.05ng/ul

response 1266229

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.20 | 22.01 |
| 125.00 | 10.80 | 11.23 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\  
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Misc :  
ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 29 01:28:12 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu May 28 11:12:05 2020  
Response via : Initial Calibration



TIC: BM026168.D

(89) Benzo(k)fluoranthene

22.603min (-0.006) 6.01ng/ul m

response 361305

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.20 | 23.01 |
| 125.00 | 10.80 | 12.12 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\  
 Data File : BM026168.D  
 Acq On : 28 May 2020 22:56  
 Operator : MA/SJ  
 Sample : L2785-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 29 02:39:50 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 28 11:12:05 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.48  | 152  | 154416   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.24 | 136  | 641086   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.12 | 164  | 378705   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.87 | 188  | 788260   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.07 | 240  | 841366   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.19 | 264  | 890257   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.06  | 96  | 25534   | 4.99  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.67  | 99  | 492573  | 35.16 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.83  | 67  | 333753  | 34.44 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.02  | 132 | 372982  | 34.02 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.19  | 113 | 375914  | 35.61 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.62  | 128 | 188200  | 36.01 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.34  | 143 | 196891  | 38.08 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.87  | 165 | 349932  | 33.71 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.39 | 131 | 482212  | 45.80 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.55 | 166 | 1042363 | 34.32 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.81 | 160 | 1258585 | 34.98 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.34 | 143 | 175120  | 32.56 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.13 | 176 | 912243  | 34.54 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.26 | 200 | 146504  | 31.88 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.97 | 188 | 1375088 | 35.40 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.27 | 212 | 1626162 | 37.63 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.06 | 264 | 1770900 | 37.37 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |        | Ovalue |    |
|----------------------------|-------|-----|---------|--------|--------|----|
| 4) Benzaldehyde            | 6.64  | 77  | 10075   | 1.105  | ng/ul  | 88 |
| 28) Naphthalene            | 10.29 | 128 | 40230   | 1.026  | ng/ul# | 95 |
| 45) Dimethylphthalate      | 13.59 | 163 | 147177  | 4.616  | ng/ul  | 99 |
| 48) Acenaphthylene         | 13.84 | 152 | 44290   | 1.121  | ng/ul  | 97 |
| 50) Acenaphthene           | 14.19 | 153 | 54251   | 1.947  | ng/ul  | 96 |
| 54) Dibenzofuran           | 14.53 | 168 | 53398   | 1.364  | ng/ul  | 98 |
| 59) Fluorene               | 15.18 | 166 | 60123   | 1.898  | ng/ul  | 96 |
| 70) Phenanthrene           | 16.92 | 178 | 1238732 | 24.948 | ng/ul  | 99 |
| 72) Anthracene             | 17.00 | 178 | 248741  | 4.993  | ng/ul  | 99 |
| 75) Carbazole              | 17.28 | 167 | 119835  | 2.908  | ng/ul  | 98 |
| 77) Fluoranthene           | 18.94 | 202 | 1972299 | 37.868 | ng/ul  | 99 |
| 80) Pyrene                 | 19.30 | 202 | 1697822 | 28.745 | ng/ul  | 98 |
| 83) Benzo(a)anthracene     | 21.06 | 228 | 964740  | 16.636 | ng/ul  | 98 |
| 85) Chrysene               | 21.11 | 228 | 916272  | 15.896 | ng/ul  | 99 |
| 88) Benzo(b)fluoranthene   | 22.57 | 252 | 1266229 | 21.028 | ng/ul  | 99 |
| 89) Benzo(k)fluoranthene   | 22.60 | 252 | 361305m | 6.007  | ng/ul  |    |
| 91) Benzo(a)pyrene         | 23.10 | 252 | 795767  | 15.016 | ng/ul  | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.26 | 276 | 560851  | 8.155  | ng/ul  | 93 |
| 93) Dibenzo(a,h)anthracene | 25.27 | 278 | 159919  | 2.746  | ng/ul# | 82 |
| 94) Benzo(g,h,i)perylene   | 25.89 | 276 | 309721  | 5.395  | ng/ul  | 96 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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