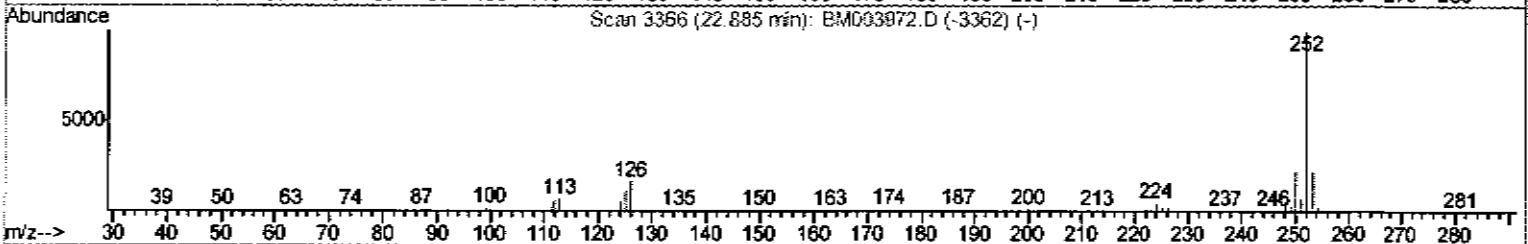
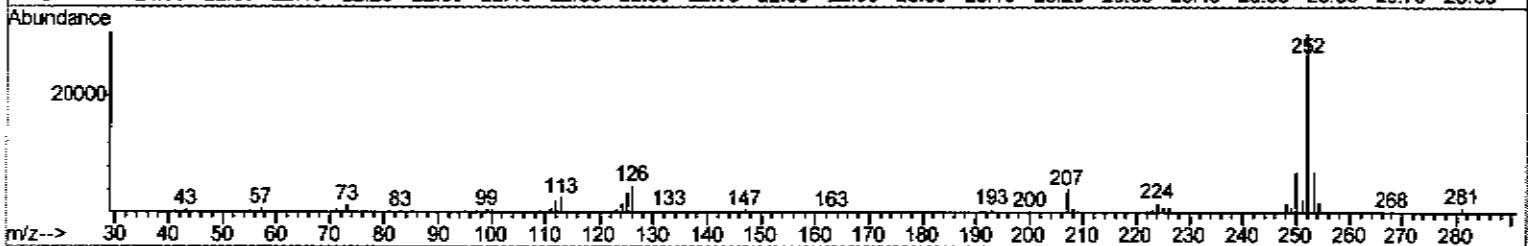
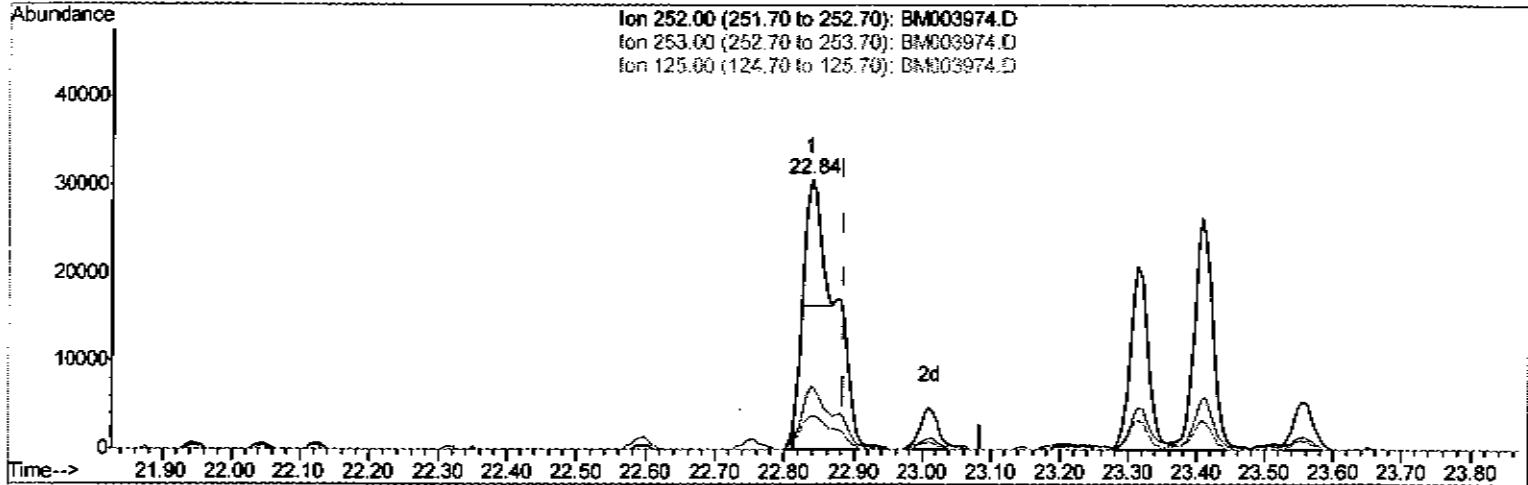


## Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM011316\  
Data File : BM003974.D  
Acq On : 13 Jan 2016 03:18  
Operator : SJ/UM  
Sample : H1095-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 13 06:48:48 2016  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM010116.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jan 13 06:45:02 2016  
Response via : Initial Calibration



TIC: BM003974.D

(89) Benzo(k)fluoranthene

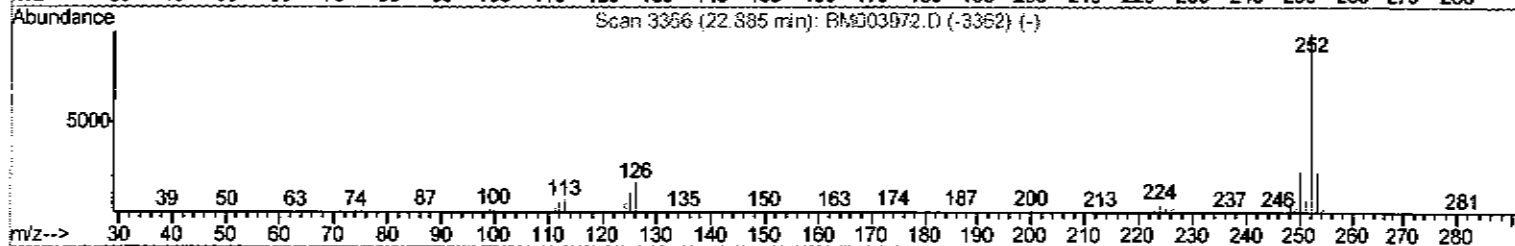
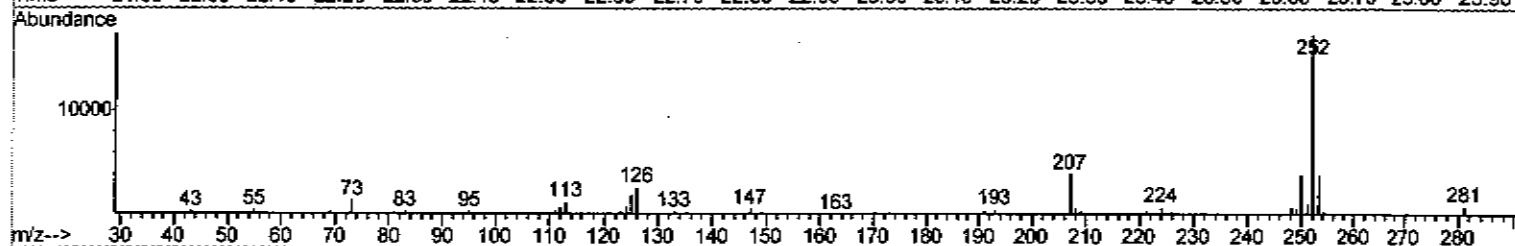
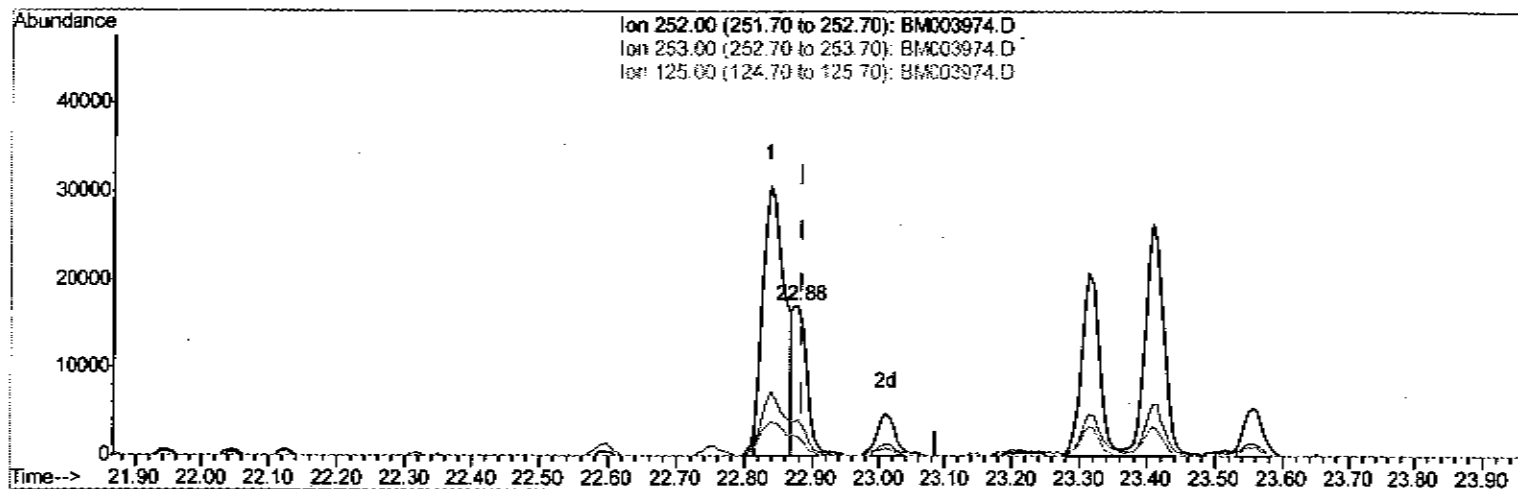
22.839min (-0.047) 1.26ng/ul

response 18271

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.60 | 23.54 |
| 125.00 | 10.20 | 12.15 |
| 0.00   | 0.00  | 0.00  |

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Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jan 13 06:45:02 2016  
Response via : Initial Calibration



TIC: BM003974.D

(89) Benzo(k)fluoranthene

22.880min (-0.006) 1.65ng/ul m

response 23965

| Ion | Exp% | Act% |
|-----|------|------|
|-----|------|------|

|        |     |     |
|--------|-----|-----|
| 252.00 | 100 | 100 |
|--------|-----|-----|

|        |       |       |
|--------|-------|-------|
| 253.00 | 21.60 | 23.44 |
|--------|-------|-------|

|        |       |       |
|--------|-------|-------|
| 125.00 | 10.20 | 11.91 |
|--------|-------|-------|

|      |      |      |
|------|------|------|
| 0.00 | 0.00 | 0.00 |
|------|------|------|

UM  
01/14/16

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM011316\  
 Data File : BM003974.D  
 Acq On : 13 Jan 2016 03:18  
 Operator : SJ/UM  
 Sample : H1095-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 13 07:03:28 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM010116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 13 06:45:02 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 31712    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 155655   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.32 | 164  | 96151    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.07 | 188  | 225394   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.27 | 240  | 264263   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.51 | 264  | 251417   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 2401   | 3.39  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 55410  | 21.04 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 36422  | 24.47 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 48050  | 22.21 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.37  | 113 | 37993  | 17.81 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 24093  | 20.55 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 26093  | 20.30 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 46821  | 20.50 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 59692  | 19.80 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.73 | 166 | 176385 | 23.37 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.01 | 160 | 212067 | 23.06 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.54 | 143 | 21510  | 15.87 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.32 | 176 | 160954 | 25.14 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 20224  | 15.91 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.17 | 188 | 259112 | 24.86 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.47 | 212 | 312235 | 22.81 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.37 | 264 | 329855 | 26.27 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |        |       |       | Qvalue |
|----------------------------|-------|-----|--------|-------|-------|--------|
| 45) Dimethylphthalate      | 13.78 | 163 | 150440 | 19.55 | ng/ul | 99     |
| 70) Phenanthrene           | 17.11 | 178 | 39441  | 3.11  | ng/ul | 100    |
| 77) Fluoranthene           | 19.14 | 202 | 97422  | 7.40  | ng/ul | 99     |
| 80) Pyrene                 | 19.50 | 202 | 106215 | 5.92  | ng/ul | 99     |
| 83) Benzo(a)anthracene     | 21.26 | 228 | 58116  | 3.69  | ng/ul | 99     |
| 85) Chrysene               | 21.31 | 228 | 62824  | 4.20  | ng/ul | 98     |
| 88) Benzo(b)fluoranthene   | 22.84 | 252 | 70584  | 4.62  | ng/ul | 96     |
| 89) Benzo(k)fluoranthene   | 22.88 | 252 | 23965m | 1.65  | ng/ul |        |
| 91) Benzo(a)pyrene         | 23.41 | 252 | 49415  | 3.41  | ng/ul | 98     |
| 92) Indeno(1,2,3-cd)pyrene | 25.75 | 276 | 24577  | 1.53  | ng/ul | 97     |
| 94) Benzo(g,h,i)perylene   | 26.44 | 276 | 26743  | 1.99  | ng/ul | 98     |

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

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