

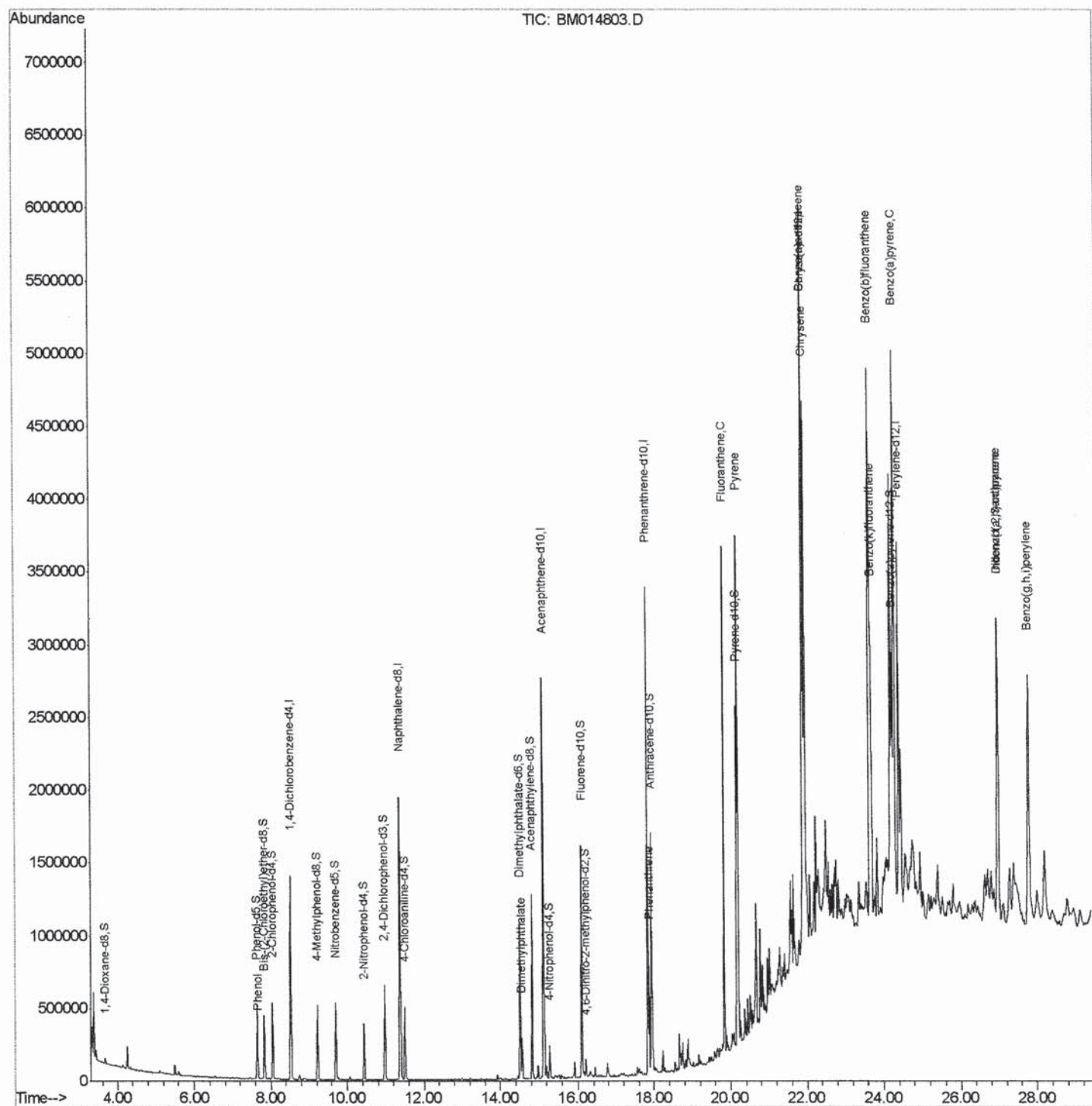
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\  
Data File : BM014803.D  
Acq On : 24 Apr 2018 07:28  
Operator : SJ/JU  
Sample : J2434-12DL 2X  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AC7DL

Manual Integrations  
APPROVED

Sohil  
4/24/2018 7:13:48 PM

Quant Time: Apr 24 14:54:20 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Apr 24 02:13:13 2018  
Response via : Initial Calibration



# Quantitation Report (Qedit)

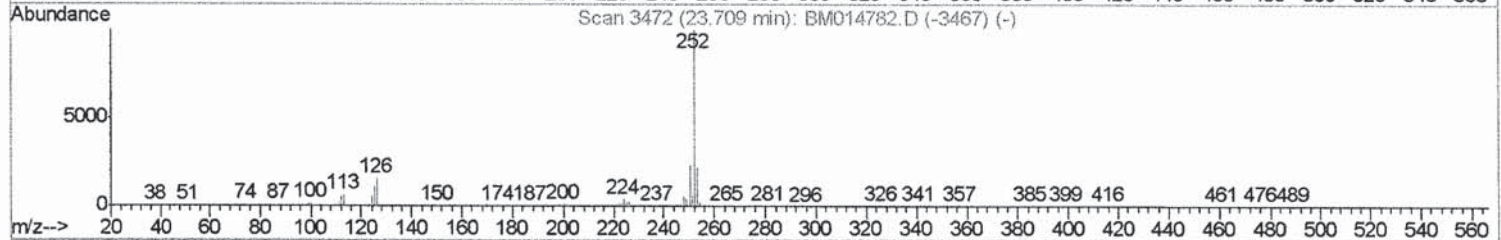
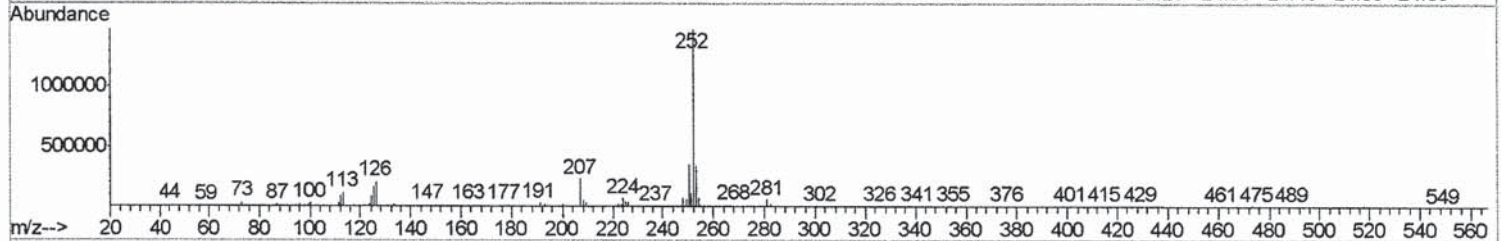
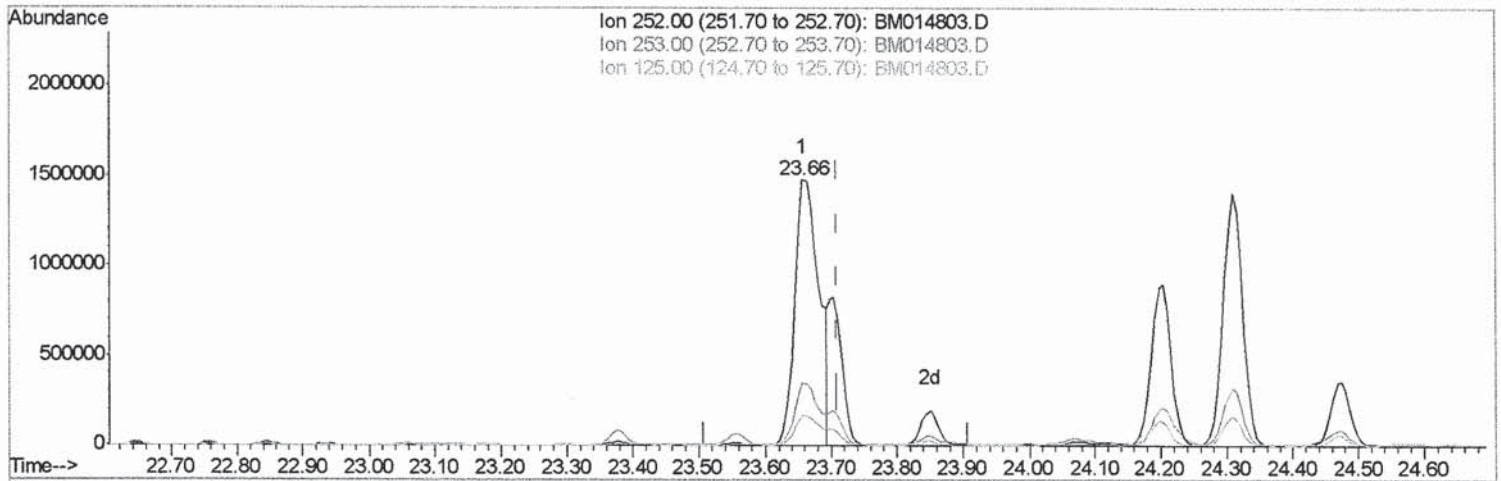
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Quant Time: Apr 24 12:41:35 2018  
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 Response via : Initial Calibration



TIC: BM014803.D

(86) Benzo(k)fluoranthene

23.656min (-0.053) 33.84ng/ul

response 3750462

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 23.50  |
| 125.00 | 4.30  | 11.31# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

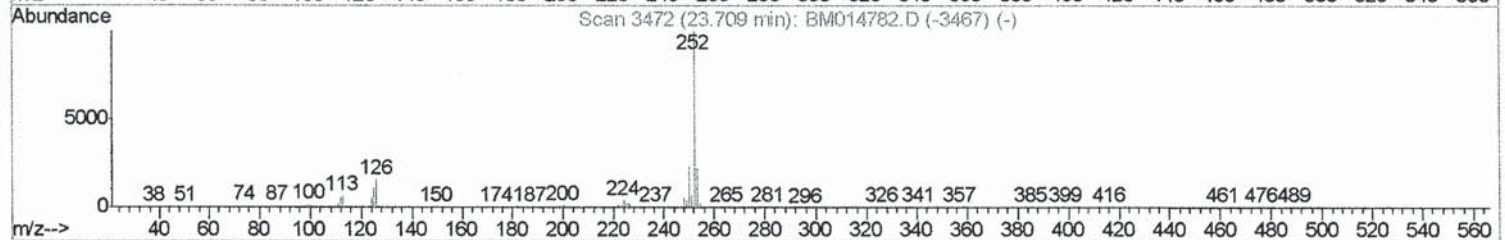
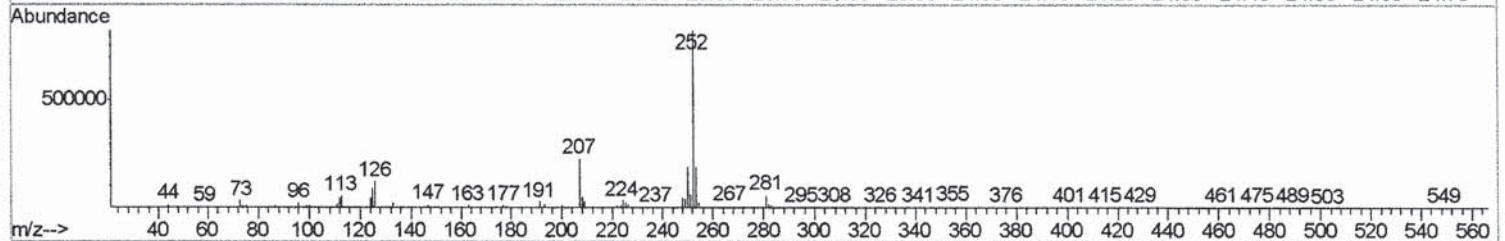
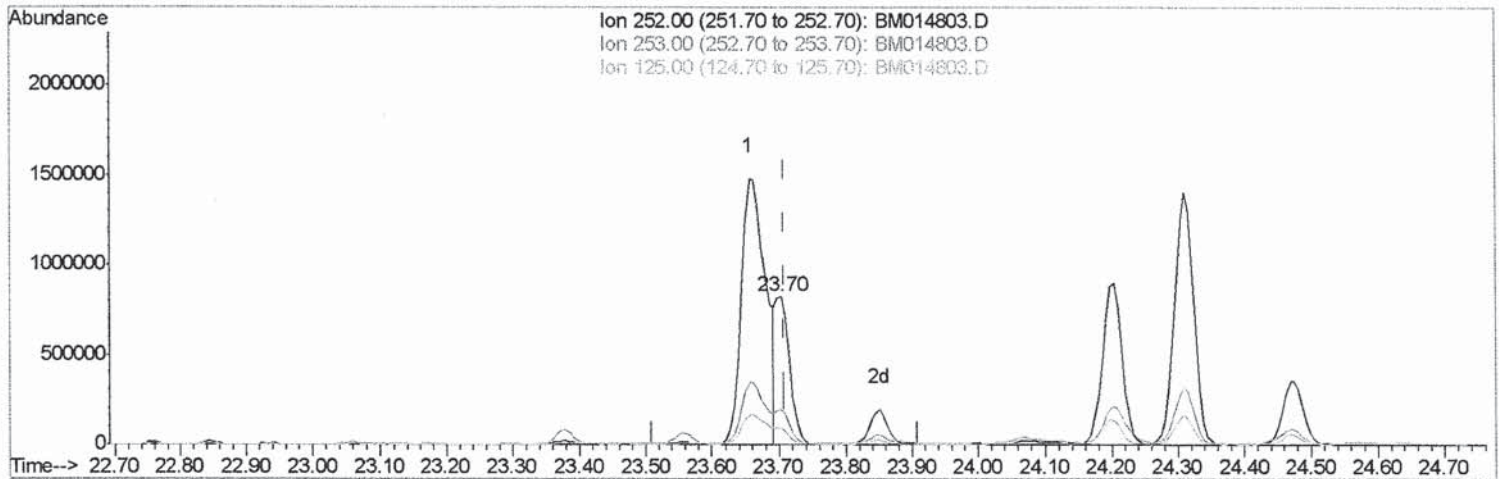
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 QLast Update : Tue Apr 24 02:13:13 2018  
 Response via : Initial Calibration



TIC: BM014803.D

(86) Benzo(k)fluoranthene

23.703min (-0.006) 10.55ng/ul m) SJ 4/24/18

response 1169323

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 23.28  |
| 125.00 | 4.30  | 11.07# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\  
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 Operator : SJ/JU  
 Sample : J2434-12DL 2X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC7DL

Manual Integrations  
 APPROVED

Sohil  
 4/24/2018 7:13:48 PM

Quant Time: Apr 24 14:54:20 2018  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 24 02:13:13 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.53  | 152  | 382809   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.37 | 136  | 1605827  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.13 | 164  | 870467   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.84 | 188  | 1847360  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.93 | 240  | 1840433  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.42 | 264  | 1955111  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.67  | 96  | 16928  | 1.93  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.65  | 99  | 270627 | 9.14  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.83  | 67  | 206225 | 10.87 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 8.05  | 132 | 247488 | 10.00 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.22  | 113 | 185319 | 7.85  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.70  | 128 | 118023 | 10.17 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.43 | 143 | 118037 | 10.21 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.97 | 165 | 222684 | 9.48  | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.49 | 131 | 266349 | 11.49 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.52 | 166 | 684396 | 10.07 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.83 | 160 | 872991 | 10.40 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.28 | 143 | 50397  | 4.00  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 16.10 | 176 | 596258 | 10.09 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.20 | 200 | 22307  | 2.23  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.93 | 188 | 877398 | 10.19 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.17 | 212 | 922642 | 10.60 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.26 | 264 | 933365 | 9.72  | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |           |        | Ovalue |    |
|----------------------------|-------|-----|-----------|--------|--------|----|
| 6) Phenol                  | 7.67  | 94  | 61415     | 2.109  | ng/ul# | 81 |
| 44) Dimethylphthalate      | 14.56 | 163 | 170078    | 2.589  | ng/ul  | 98 |
| 69) Phenanthrene           | 17.88 | 178 | 419929    | 4.233  | ng/ul  | 99 |
| 74) Fluoranthene           | 19.84 | 202 | 1933604   | 17.876 | ng/ul# | 82 |
| 77) Pyrene                 | 20.20 | 202 | 2091815   | 19.453 | ng/ul# | 81 |
| 80) Benzo(a)anthracene     | 21.91 | 228 | 1760565   | 16.358 | ng/ul  | 98 |
| 82) Chrysene               | 21.96 | 228 | 1918383   | 19.040 | ng/ul  | 97 |
| 85) Benzo(b)fluoranthene   | 23.66 | 252 | 3750462   | 32.541 | ng/ul# | 95 |
| 86) Benzo(k)fluoranthene   | 23.70 | 252 | 1169323m) | 10.551 | ng/ul  |    |
| 88) Benzo(a)pyrene         | 24.31 | 252 | 2850522   | 26.073 | ng/ul# | 96 |
| 89) Indeno(1,2,3-cd)pyrene | 27.00 | 276 | 2118407   | 16.017 | ng/ul# | 91 |
| 90) Dibenzo(a,h)anthracene | 27.00 | 278 | 539616    | 4.846  | ng/ul# | 92 |
| 91) Benzo(a,h,i)perylene   | 27.80 | 276 | 2171677   | 19.959 | ng/ul# | 89 |

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

SJ 4/24/18