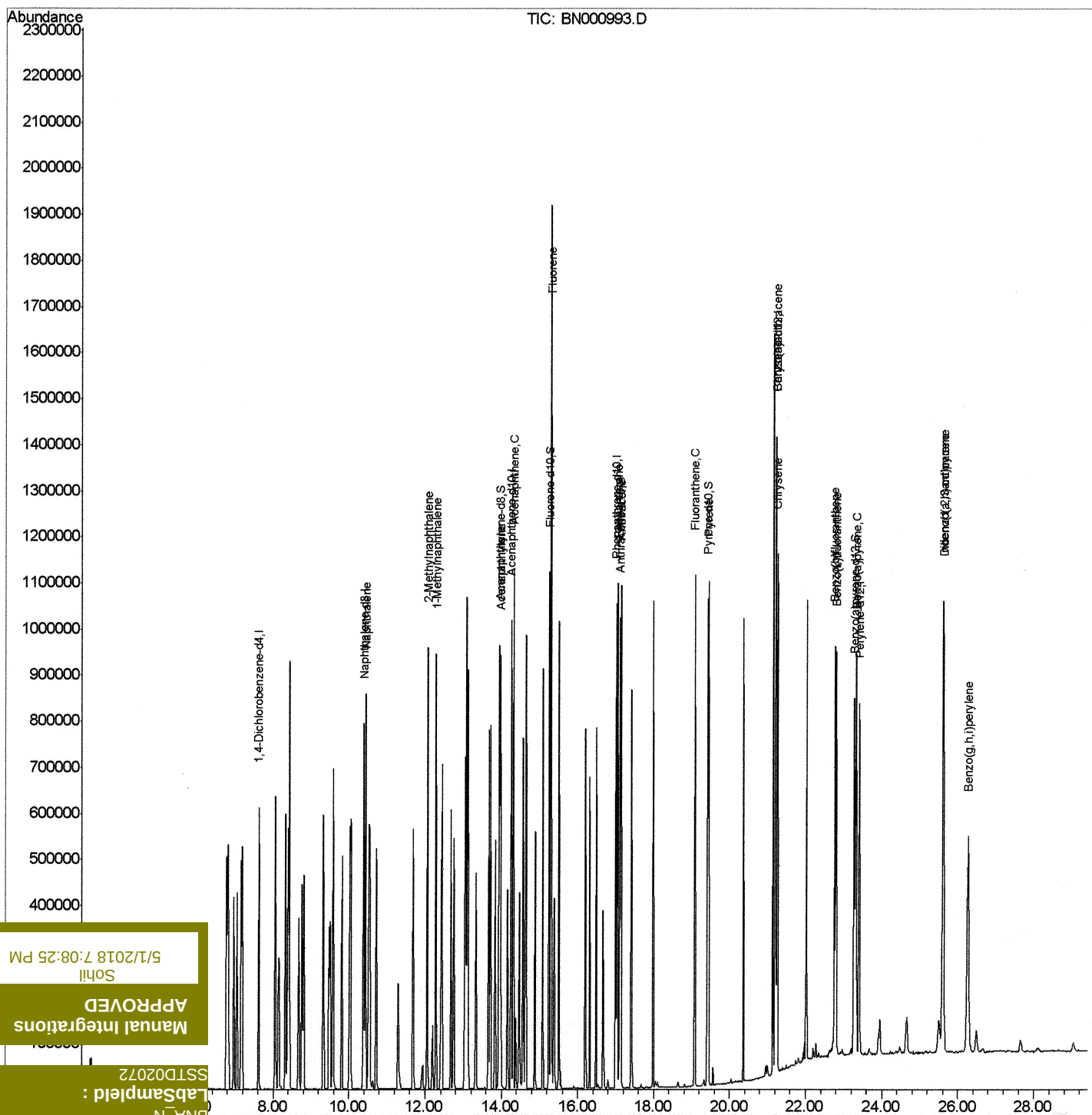


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\Data\BN043018\  
 Data File : BN000993.D  
 Acq On : 30 Apr 2018 15:18  
 Operator : JU/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

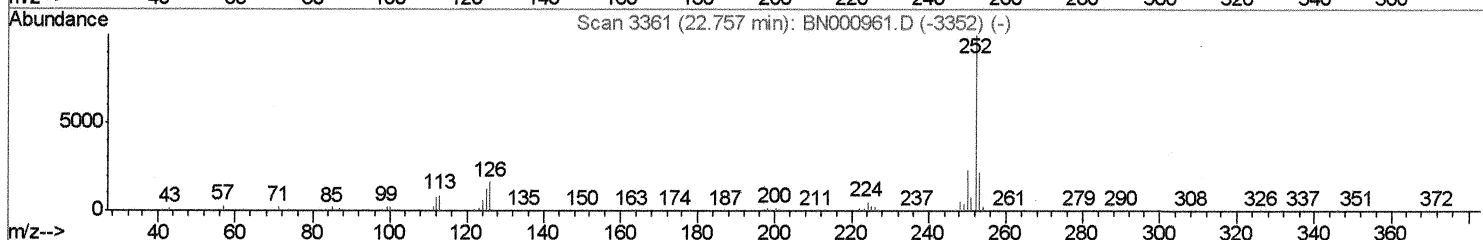
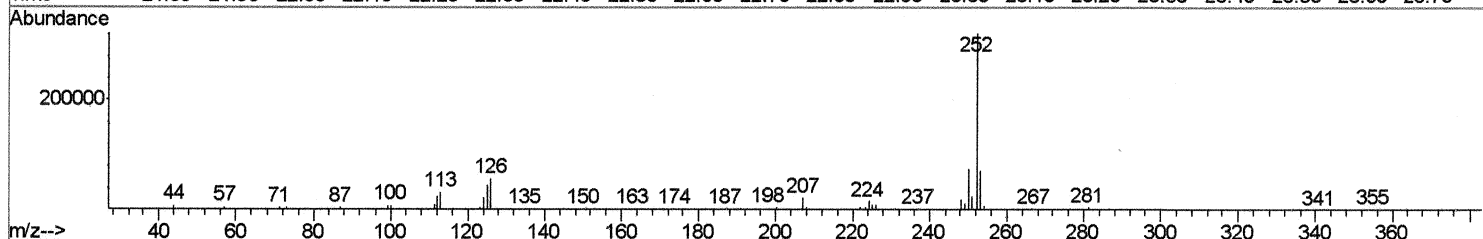
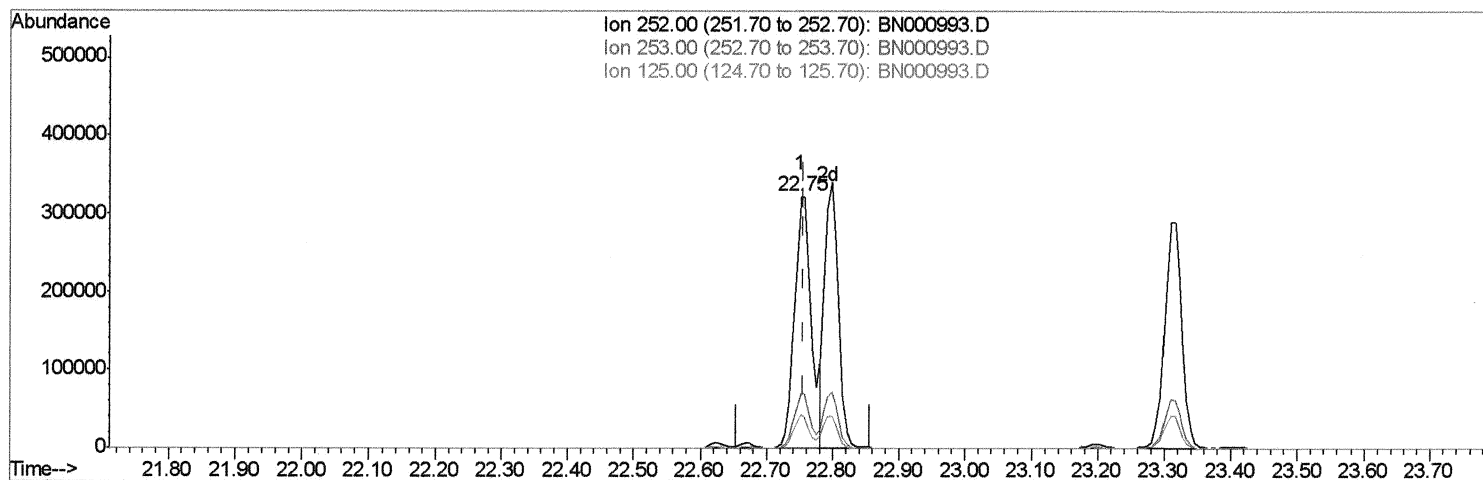
Quant Time: May 01 01:28:03 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 27 09:25:35 2018  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\Data\BN043018\  
 Data File : BN000993.D  
 Acq On : 30 Apr 2018 15:18  
 Operator : JU/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 01:27:06 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 27 09:25:35 2018  
 Response via : Initial Calibration



TIC: BN000993.D

(23) Benzo(b)fluoranthene

22.751min (-0.006) 22.01ng/ui

response 580367

Ion Exp% Act%

00

21.68

13.47#

00

5/1/2018 7:08:25 PM

Sohil

APPROVED

Manual Integrations

SSTD02072

Lab Sampled :

BNA N

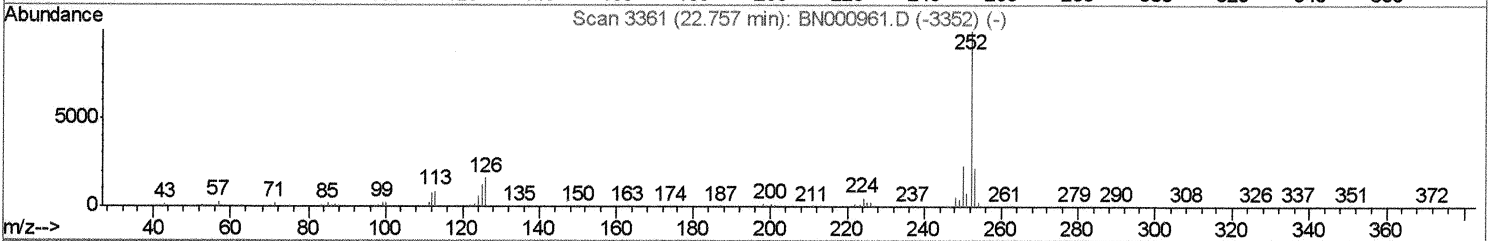
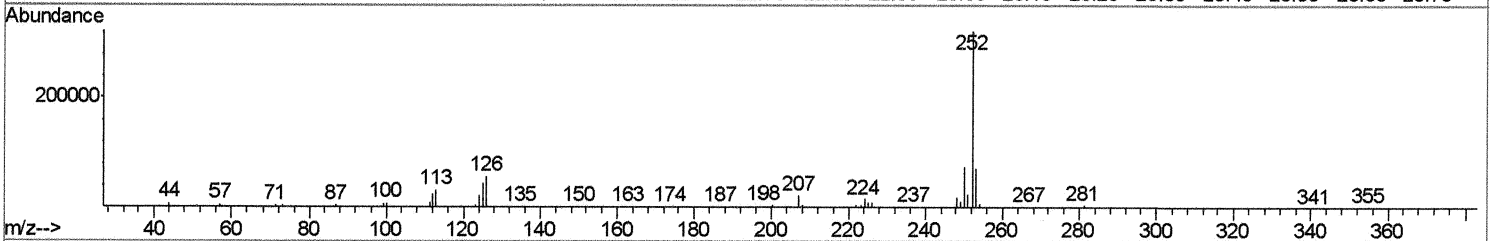
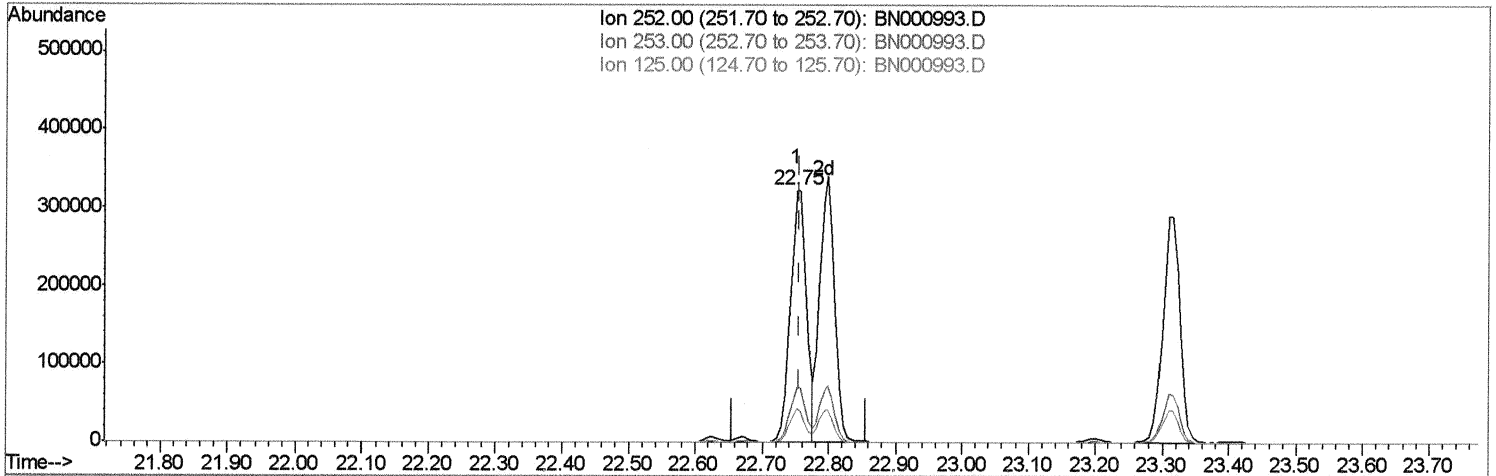
Instrument :

SOM-EPA-BN042418MA.M Tue May 01 01:28:21 2018

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\Data\BN043018\  
 Data File : BN000993.D  
 Acq On : 30 Apr 2018 15:18  
 Operator : JU/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 01:27:06 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 27 09:25:35 2018  
 Response via : Initial Calibration



TIC: BN000993.D

(23) Benzo(b)fluoranthene

22.751min (-0.006) 20.52ng/ul m) SJ 5/2/18

response 541147

Ion Exp% Act%

252.00 100

5/1/2018 7:08:25 PM 21.68

Sohil

APPROVED 13.47#

Manual Integrations 100

SSTD02072

Lab Sampled :

BNA N

Instrument :

BN042418MA.M Tue May 01 01:28:33 2018

Data Path : Z:\HPCHEM1\BNA N\Data\BN043018\  
 Data File : BN000993.D  
 Acq On : 30 Apr 2018 15:18  
 Operator : JU/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 01:28:03 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 27 09:25:35 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 152561   | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.38 | 136  | 645293   | 20.00 | ng/ul | -0.01    |
| 6) Acenaphthene-d10       | 14.25 | 164  | 314269   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.00 | 188  | 562357   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.21 | 240  | 446079   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 23.40 | 264  | 463948   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                        |       |     |        |       |       |      |
|------------------------|-------|-----|--------|-------|-------|------|
| 7) Acenaphthylene-d8   | 13.94 | 160 | 632351 | 20.95 | ng/ul | 0.00 |
| 10) Fluorene-d10       | 15.25 | 176 | 402010 | 19.95 | ng/ul | 0.00 |
| 14) Anthracene-d10     | 17.10 | 188 | 519235 | 20.19 | ng/ul | 0.00 |
| 18) Pvrene-d10         | 19.40 | 212 | 473121 | 20.70 | ng/ul | 0.00 |
| 25) Benzo(a)pyrene-d12 | 23.27 | 264 | 460109 | 20.99 | ng/ul | 0.00 |

## Target Compounds

Ovalue

|                            |       |     |         |        |        |     |
|----------------------------|-------|-----|---------|--------|--------|-----|
| 3) Naphthalene             | 10.43 | 128 | 655113  | 20.144 | ng/ul  | 100 |
| 4) 2-Methylnaphthalene     | 12.05 | 142 | 435060  | 20.050 | ng/ul  | 98  |
| 5) 1-Methylnaphthalene     | 12.27 | 142 | 424984  | 19.968 | ng/ul# | 92  |
| 8) Acenaphthylene          | 13.97 | 152 | 618938  | 20.719 | ng/ul  | 99  |
| 9) Acenaphthene            | 14.32 | 153 | 418922  | 20.297 | ng/ul  | 95  |
| 11) Fluorene               | 15.30 | 166 | 442182  | 20.125 | ng/ul  | 93  |
| 13) Phenanthrene           | 17.05 | 178 | 611374  | 19.933 | ng/ul  | 99  |
| 15) Anthracene             | 17.13 | 178 | 619077  | 20.123 | ng/ul  | 99  |
| 16) Fluoranthene           | 19.07 | 202 | 588288  | 18.905 | ng/ul# | 93  |
| 19) Pyrene                 | 19.43 | 202 | 585319  | 20.428 | ng/ul# | 89  |
| 20) Benzo(a)anthracene     | 21.20 | 228 | 548219  | 20.559 | ng/ul  | 100 |
| 21) Chrysene               | 21.25 | 228 | 508429  | 20.286 | ng/ul  | 99  |
| 23) Benzo(b)fluoranthene   | 22.75 | 252 | 541147m | 20.524 | ng/ul  |     |
| 24) Benzo(k)fluoranthene   | 22.80 | 252 | 518235  | 20.087 | ng/ul# | 96  |
| 26) Benzo(a)pyrene         | 23.32 | 252 | 520355  | 20.651 | ng/ul# | 96  |
| 27) Indeno(1,2,3-cd)pyrene | 25.59 | 276 | 615334  | 20.218 | ng/ul# | 85  |
| 28) Dibenzo(a,h)anthracene | 25.60 | 278 | 518890  | 20.457 | ng/ul# | 95  |
| 29) Benzo(a,h,i)perylene   | 26.26 | 276 | 522110  | 20.511 | ng/ul# | 93  |

57 5/2/18

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

5/1/2018 7:08:25 PM

Sohil

APPROVED  
Manual Integrations

SSTD02072

Lab Sampled :

BNA N

Instrument :

Tue May 01 01:28:53 2018