

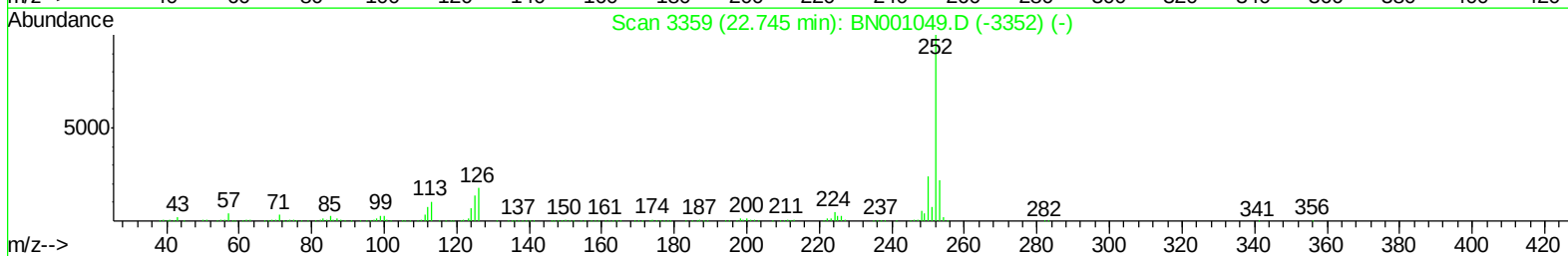
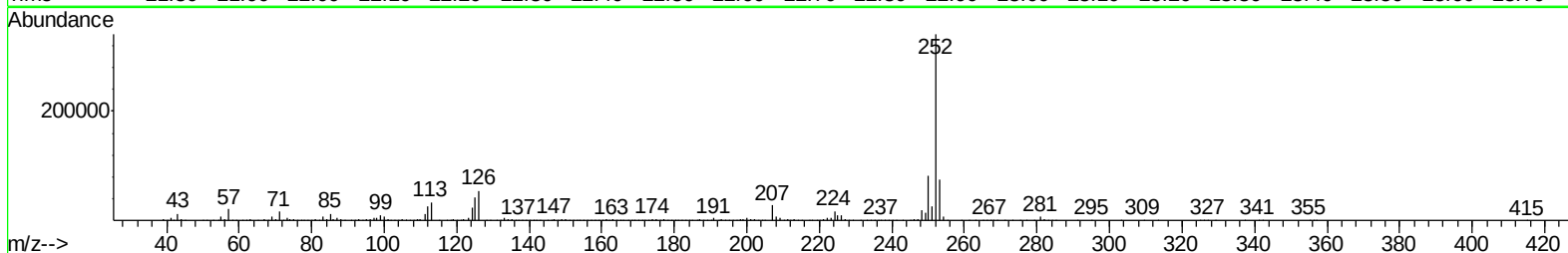
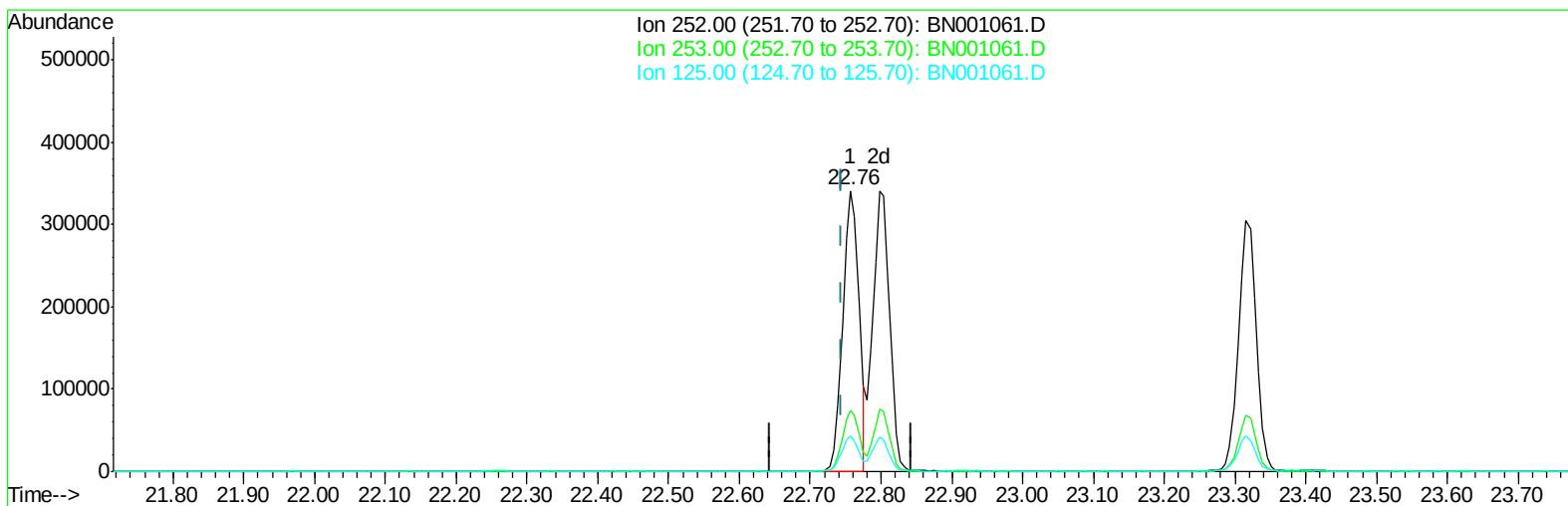
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\  
Data File : BN001061.D  
Acq On : 02 May 2018 09:40  
Operator : JU/SJ  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTD02079

Manual Integrations  
APPROVED

Sohil  
5/3/2018 4:24:03 PM

Quant Time: May 03 01:59:49 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 02 08:29:08 2018  
Response via : Initial Calibration



TIC: BN001061.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 19.39ng/ul

response 539631

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 21.88  |
| 125.00 | 10.00 | 12.59# |
| 0.00   | 0.00  | 0.00   |

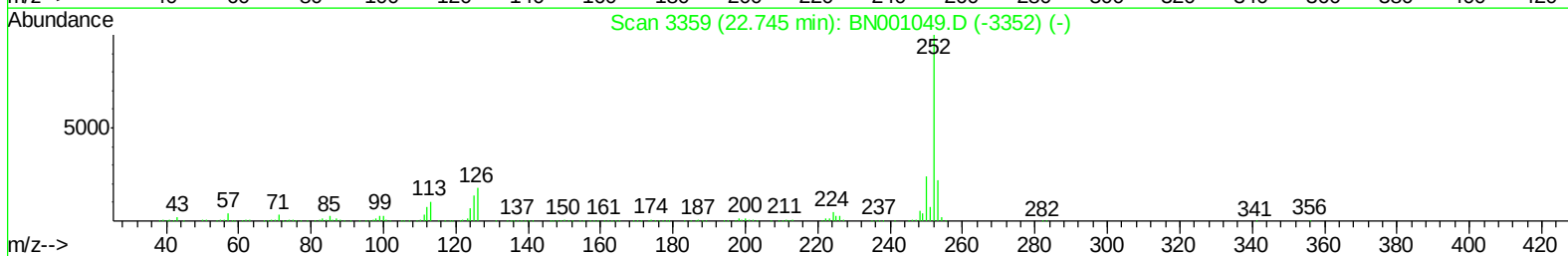
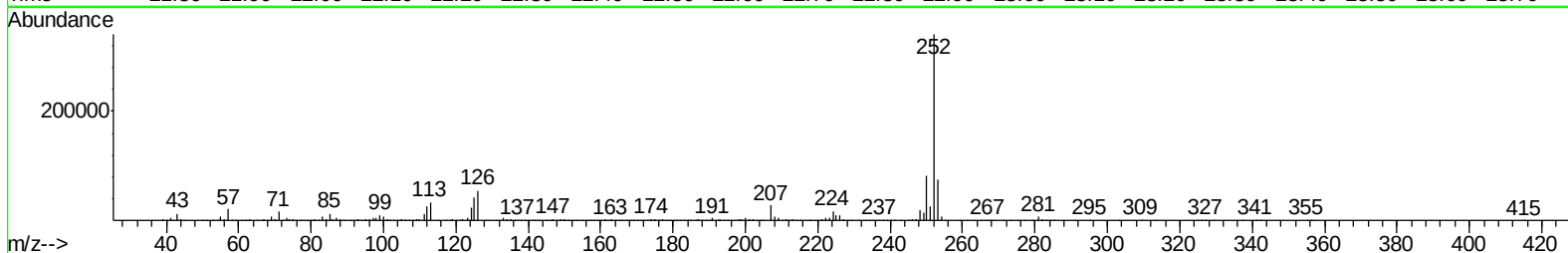
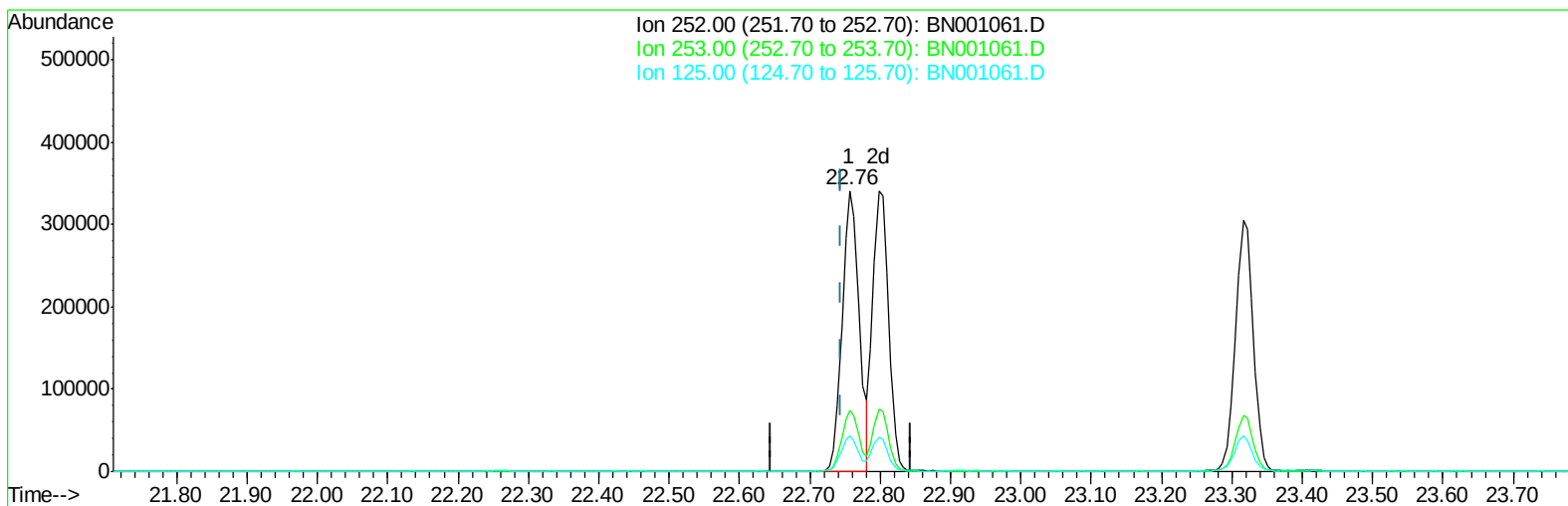
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\  
Data File : BN001061.D  
Acq On : 02 May 2018 09:40  
Operator : JU/SJ  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTD02079

Manual Integrations  
APPROVED

Sohil  
5/3/2018 4:24:03 PM

Quant Time: May 03 01:59:49 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 02 08:29:08 2018  
Response via : Initial Calibration



TIC: BN001061.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 20.55ng/ul m

response 572080

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 21.88  |
| 125.00 | 10.00 | 12.59# |
| 0.00   | 0.00  | 0.00   |

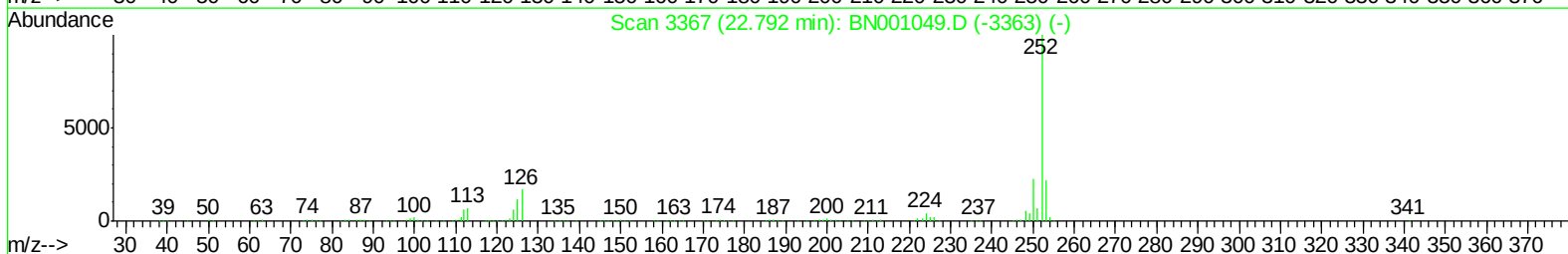
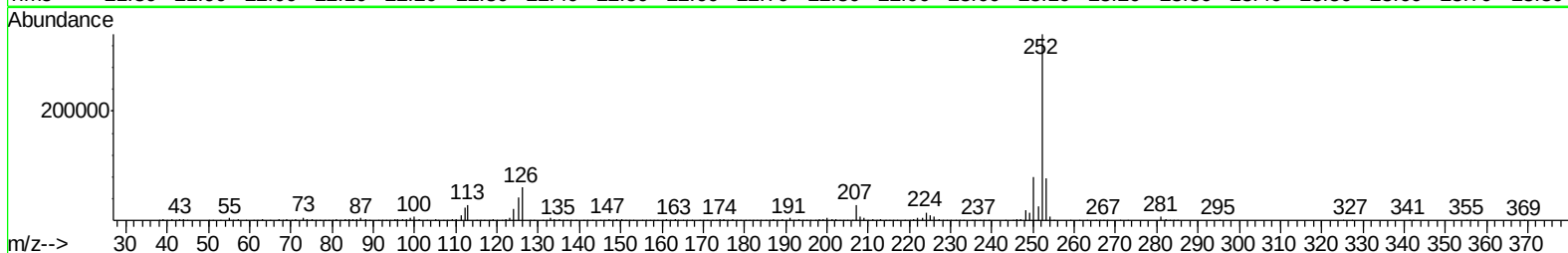
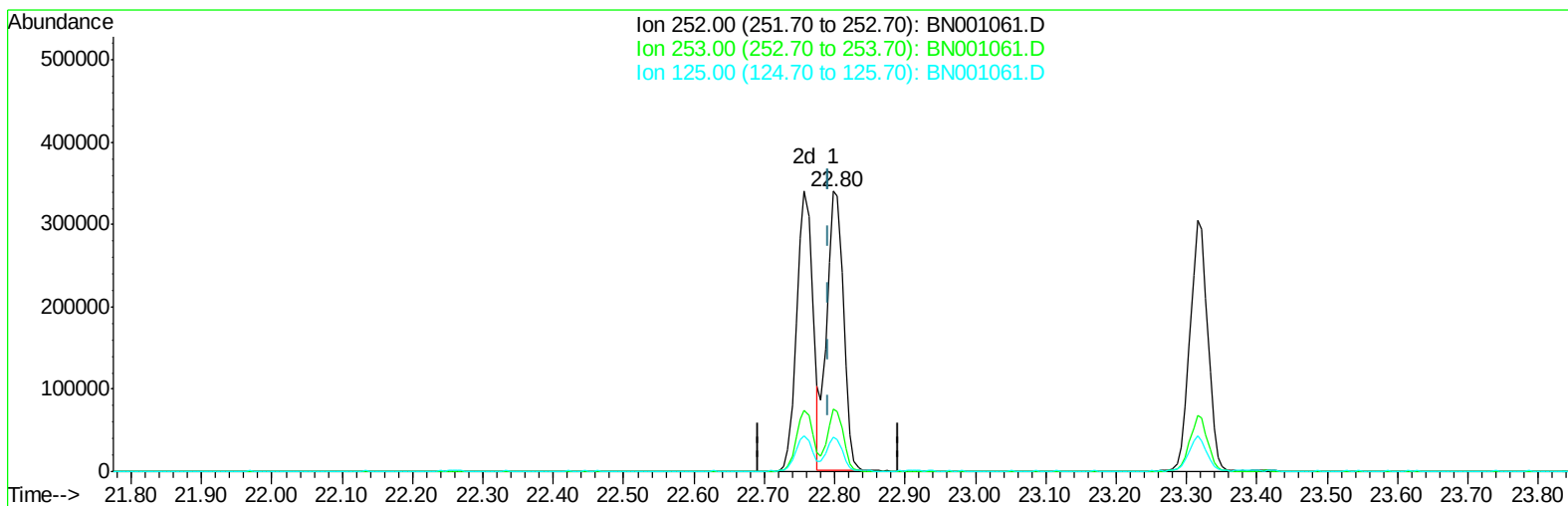
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\  
Data File : BN001061.D  
Acq On : 02 May 2018 09:40  
Operator : JU/SJ  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTD02079

Manual Integrations  
APPROVED

Sohil  
5/3/2018 4:24:03 PM

Quant Time: May 03 01:59:49 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 02 08:29:08 2018  
Response via : Initial Calibration



TIC: BN001061.D

(24) Benzo(k)fluoranthene

22.798min (+0.006) 20.54ng/ul

response 559346

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 22.42  |
| 125.00 | 10.10 | 12.52# |
| 0.00   | 0.00  | 0.00   |

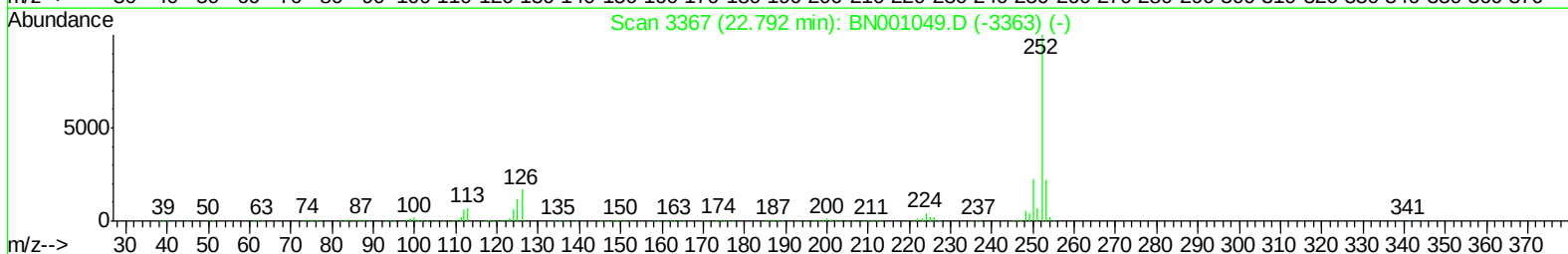
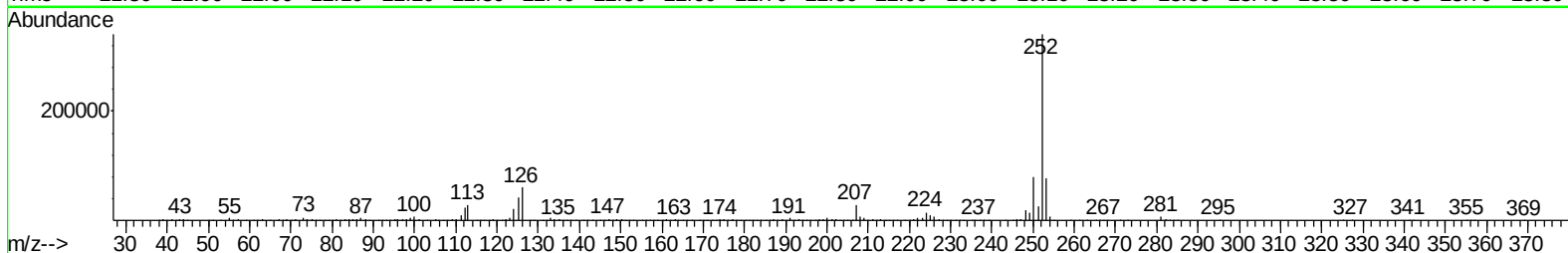
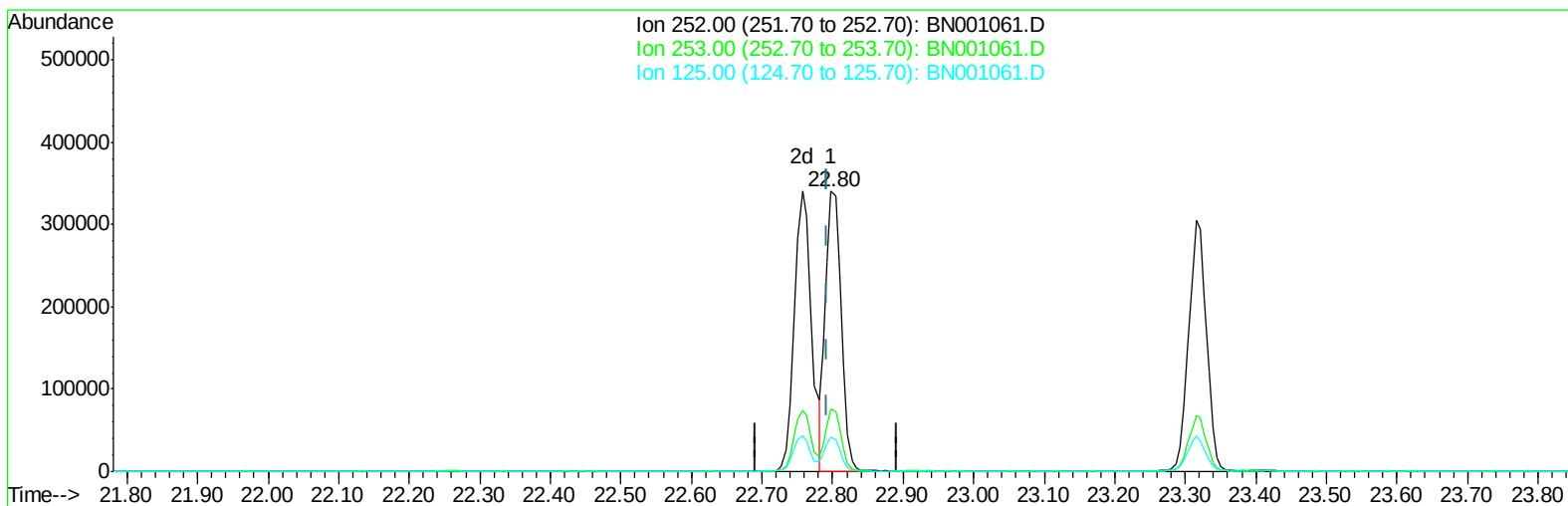
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\  
Data File : BN001061.D  
Acq On : 02 May 2018 09:40  
Operator : JU/SJ  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTD02079

Manual Integrations  
APPROVED

Sohil  
5/3/2018 4:24:03 PM

Quant Time: May 03 01:59:49 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 02 08:29:08 2018  
Response via : Initial Calibration



TIC: BN001061.D

(24) Benzo(k)fluoranthene

22.798min (+0.006) 19.60ng/ul m

response 533810

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 22.42  |
| 125.00 | 10.10 | 12.52# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\  
 Data File : BN001061.D  
 Acq On : 02 May 2018 09:40  
 Operator : JU/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTD02079

Manual Integrations  
 APPROVED

Sohil  
 5/3/2018 4:24:03 PM

Quant Time: May 03 07:33:36 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 02 08:29:08 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 116290   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 480105   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.25 | 164  | 238707   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.00 | 188  | 479103   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.22 | 240  | 460259   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.41 | 264  | 489770   | 20.00  | ng/ul  | 0.01     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 13.95 | 160  | 482145   | 21.03  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.25 | 176  | 309495   | 20.23  | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.10 | 188  | 458456   | 20.93  | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.41 | 212  | 473016   | 20.06  | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 23.27 | 264  | 478161   | 20.67  | ng/ul  | 0.01     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 3) Naphthalene              | 10.43 | 128  | 487606   | 20.152 | ng/ul  | 99       |
| 4) 2-Methylnaphthalene      | 12.05 | 142  | 318081   | 19.703 | ng/ul  | 97       |
| 5) 1-Methylnaphthalene      | 12.28 | 142  | 314711   | 19.875 | ng/ul  | 92       |
| 8) Acenaphthylene           | 13.98 | 152  | 465152   | 20.500 | ng/ul  | 98       |
| 9) Acenaphthene             | 14.32 | 153  | 320356   | 20.435 | ng/ul  | 95       |
| 11) Fluorene                | 15.31 | 166  | 344181   | 20.623 | ng/ul  | 94       |
| 13) Phenanthrene            | 17.05 | 178  | 523123   | 20.020 | ng/ul  | 100      |
| 15) Anthracene              | 17.14 | 178  | 536113   | 20.455 | ng/ul  | 99       |
| 16) Fluoranthene            | 19.07 | 202  | 586937   | 22.139 | ng/ul  | 95       |
| 19) Pyrene                  | 19.44 | 202  | 581956   | 19.685 | ng/ul# | 91       |
| 20) Benzo(a)anthracene      | 21.20 | 228  | 560933   | 20.388 | ng/ul  | 99       |
| 21) Chrysene                | 21.25 | 228  | 524192   | 20.271 | ng/ul  | 99       |
| 23) Benzo(b)fluoranthene    | 22.76 | 252  | 572080m  | 20.553 | ng/ul  |          |
| 24) Benzo(k)fluoranthene    | 22.80 | 252  | 533810m  | 19.599 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.32 | 252  | 532611   | 20.023 | ng/ul# | 96       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.60 | 276  | 650648   | 20.251 | ng/ul# | 85       |
| 28) Dibenzo(a,h)anthracene  | 25.61 | 278  | 541806   | 20.234 | ng/ul  | 97       |
| 29) Benzo(a,h,i)perylene    | 26.27 | 276  | 541836   | 20.164 | ng/ul# | 95       |

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

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\  
Data File : BN001061.D  
Acq On : 02 May 2018 09:40  
Operator : JU/SJ  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTD02079

Manual Integrations  
APPROVED

Sohil  
5/3/2018 4:24:03 PM

Quant Time: May 03 07:33:36 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 02 08:29:08 2018  
Response via : Initial Calibration

