

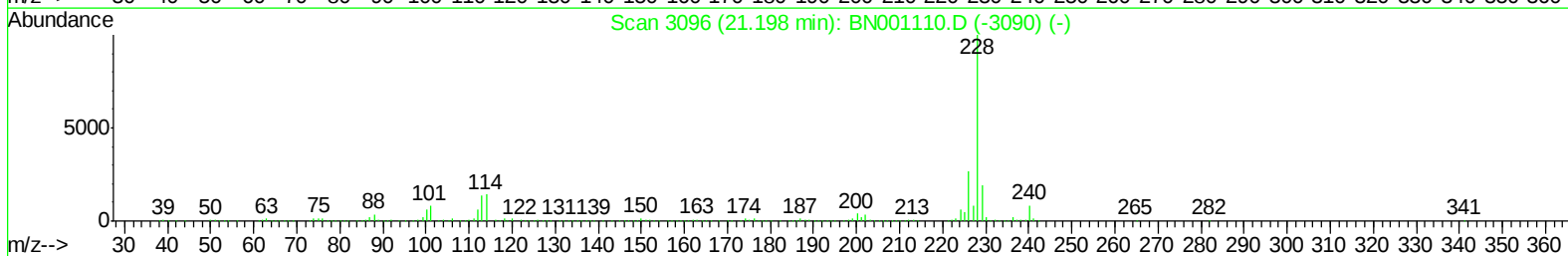
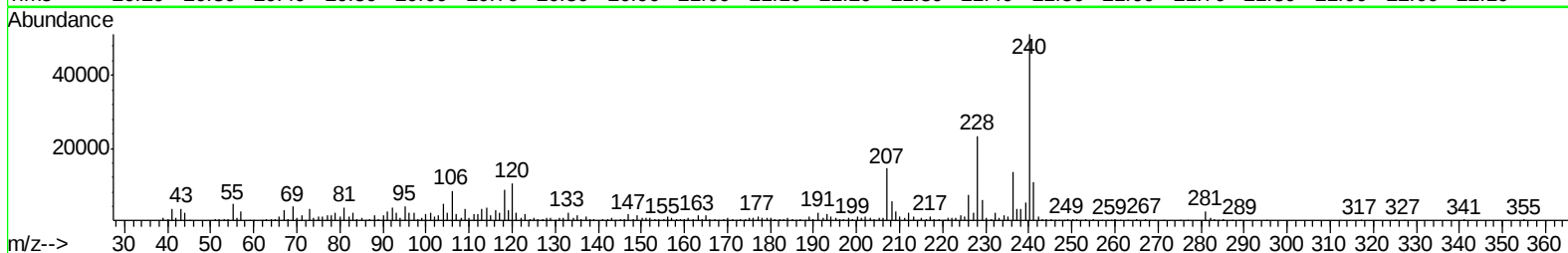
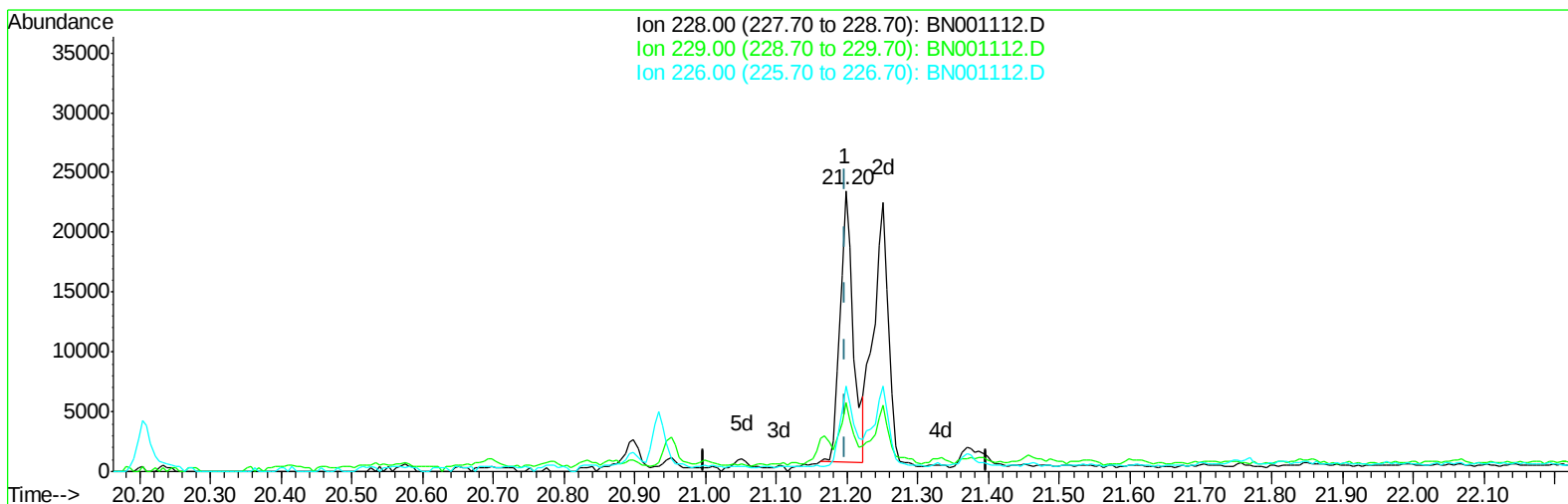
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\  
Data File : BN001112.D  
Acq On : 03 May 2018 18:00  
Operator : JU/SJ  
Sample : J2633-16MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DASA4MSD

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:33:34 PM

Quant Time: May 04 08:05:32 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 04 08:04:57 2018  
Response via : Initial Calibration



TIC: BN001112.D

(20) Benzo(a)anthracene  
21.198min (-0.000) 1.32ng/ul  
response 29848

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 19.60 | 24.64# |
| 226.00 | 26.40 | 30.37  |
| 0.00   | 0.00  | 0.00   |

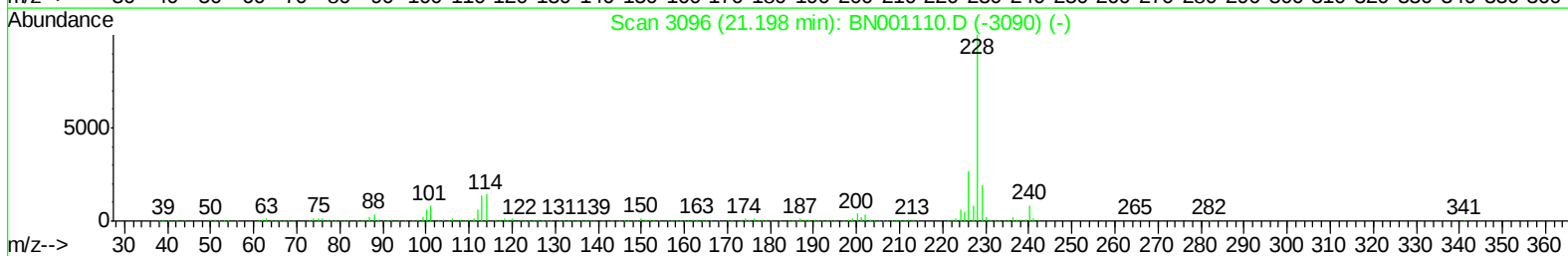
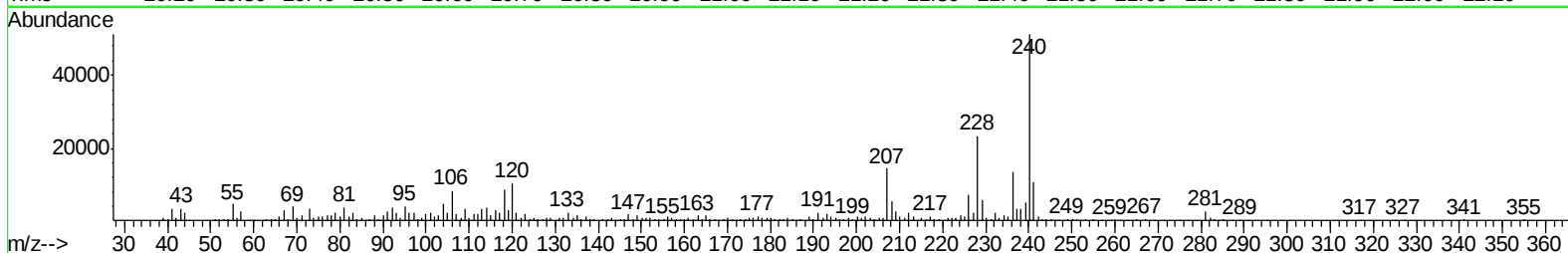
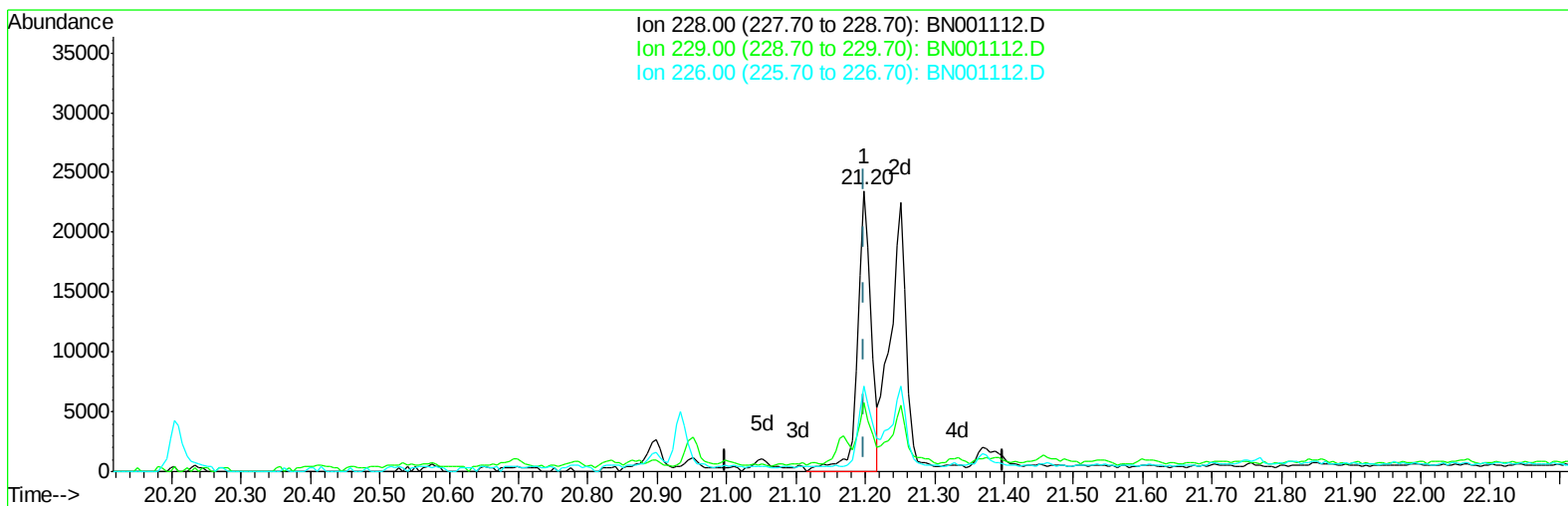
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\  
Data File : BN001112.D  
Acq On : 03 May 2018 18:00  
Operator : JU/SJ  
Sample : J2633-16MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DASA4MSD

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:33:34 PM

Quant Time: May 04 08:05:32 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 04 08:04:57 2018  
Response via : Initial Calibration



TIC: BN001112.D

(20) Benzo(a)anthracene

21.198min (-0.000) 1.41ng/ul m

response 32077

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 19.60 | 24.64# |
| 226.00 | 26.40 | 30.37  |
| 0.00   | 0.00  | 0.00   |

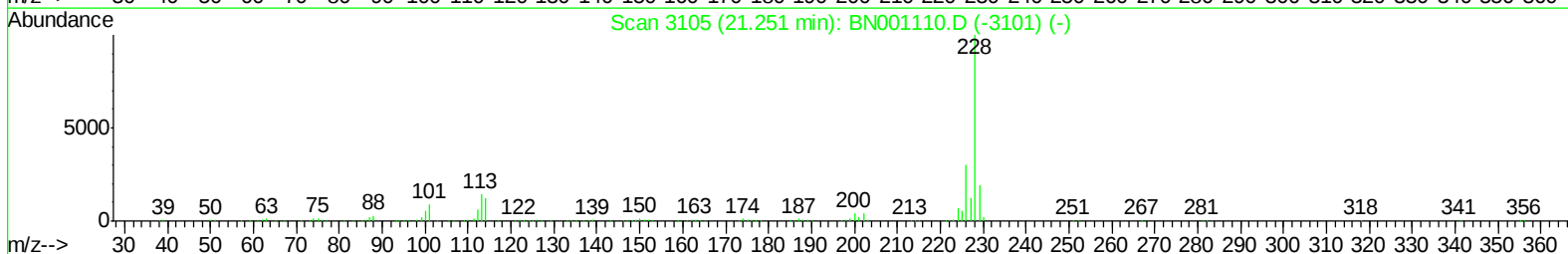
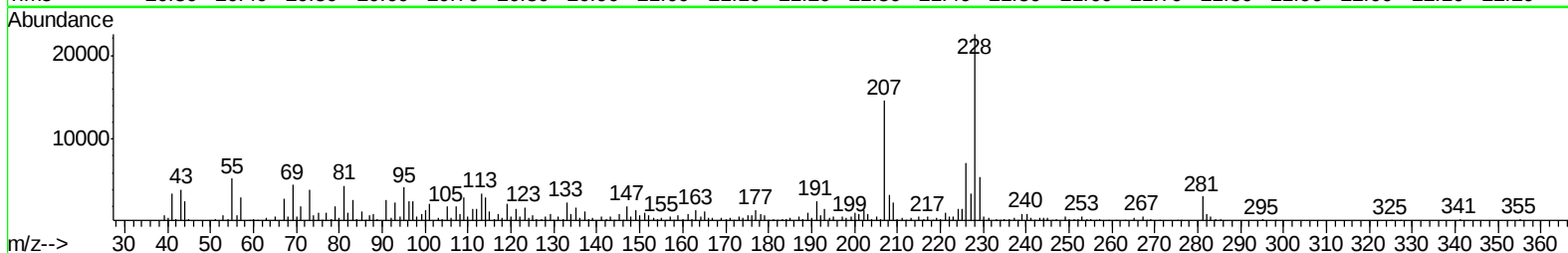
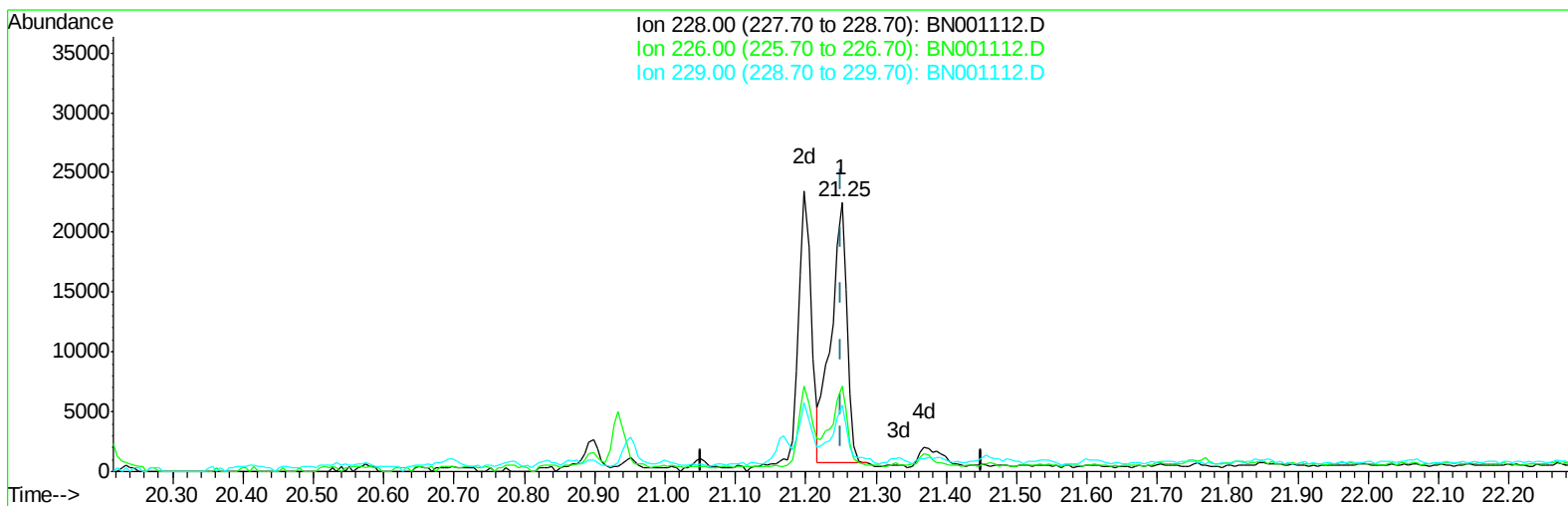
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\  
Data File : BN001112.D  
Acq On : 03 May 2018 18:00  
Operator : JU/SJ  
Sample : J2633-16MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DASA4MSD

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:33:34 PM

Quant Time: May 04 08:05:32 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 04 08:04:57 2018  
Response via : Initial Calibration



TIC: BN001112.D

(21) Chrysene

21.251min (-0.000) 1.60ng/ul

response 34049

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 30.60 | 31.59  |
| 229.00 | 19.80 | 24.64# |
| 0.00   | 0.00  | 0.00   |

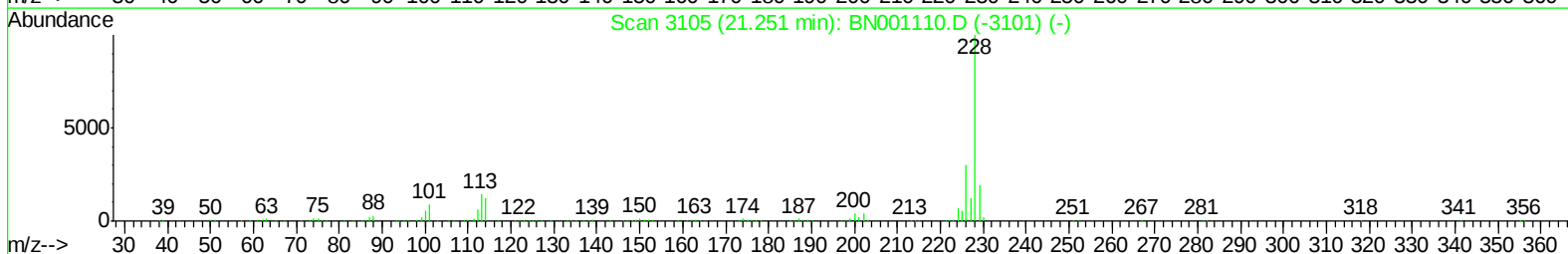
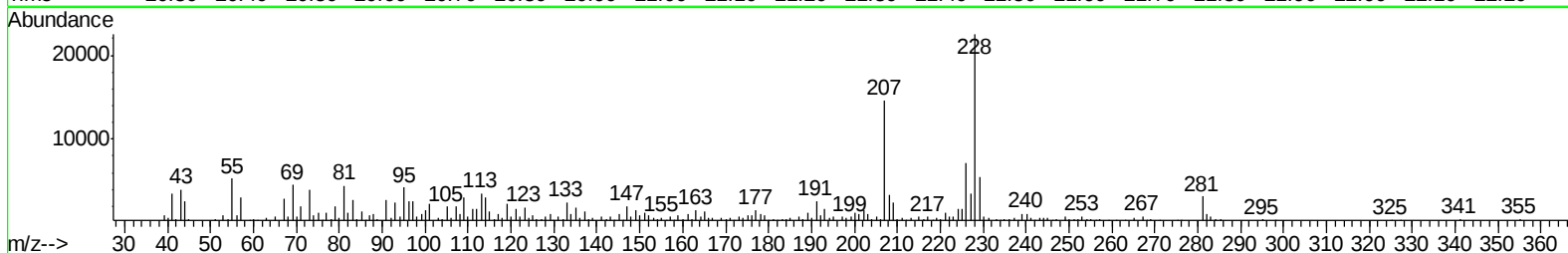
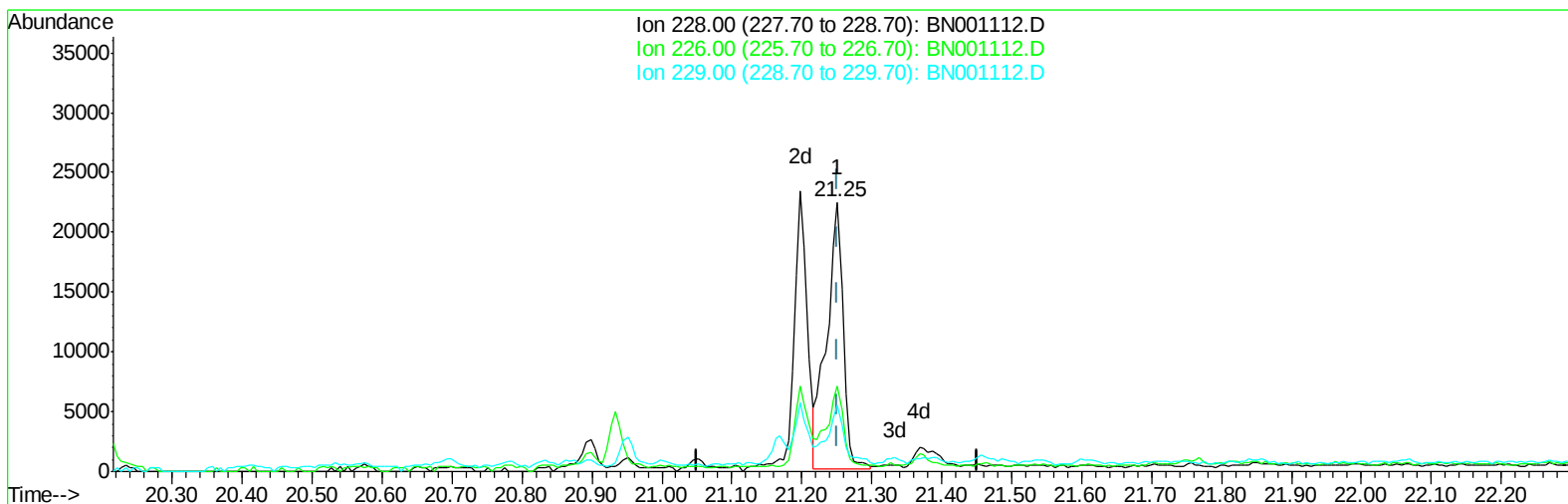
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\  
Data File : BN001112.D  
Acq On : 03 May 2018 18:00  
Operator : JU/SJ  
Sample : J2633-16MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DASA4MSD

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:33:34 PM

Quant Time: May 04 08:05:32 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 04 08:04:57 2018  
Response via : Initial Calibration



TIC: BN001112.D

(21) Chrysene

21.251min (-0.000) 1.72ng/ul m

response 36653

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 30.60 | 31.59  |
| 229.00 | 19.80 | 24.64# |
| 0.00   | 0.00  | 0.00   |

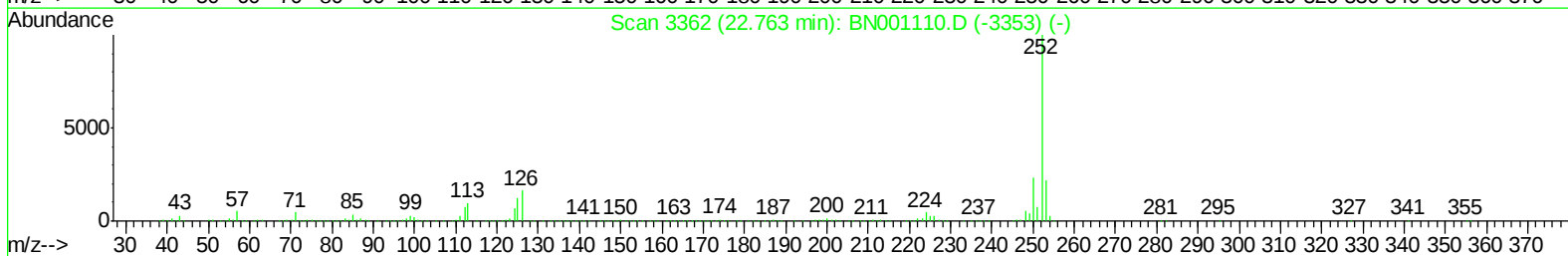
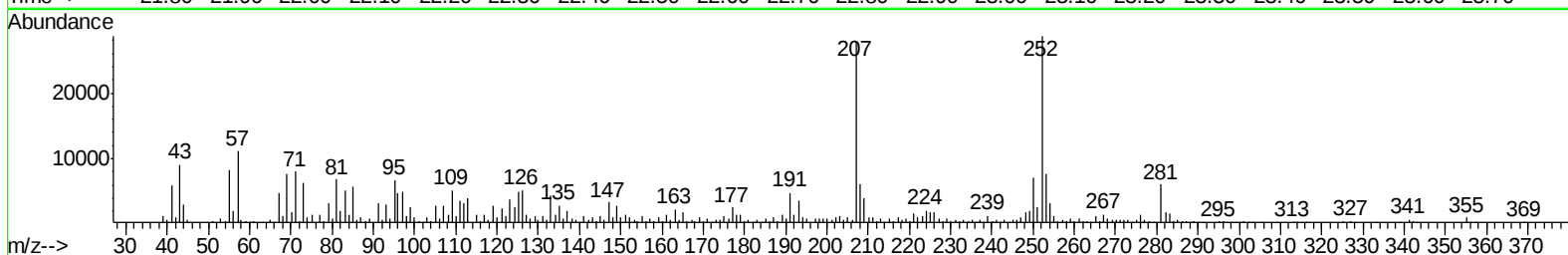
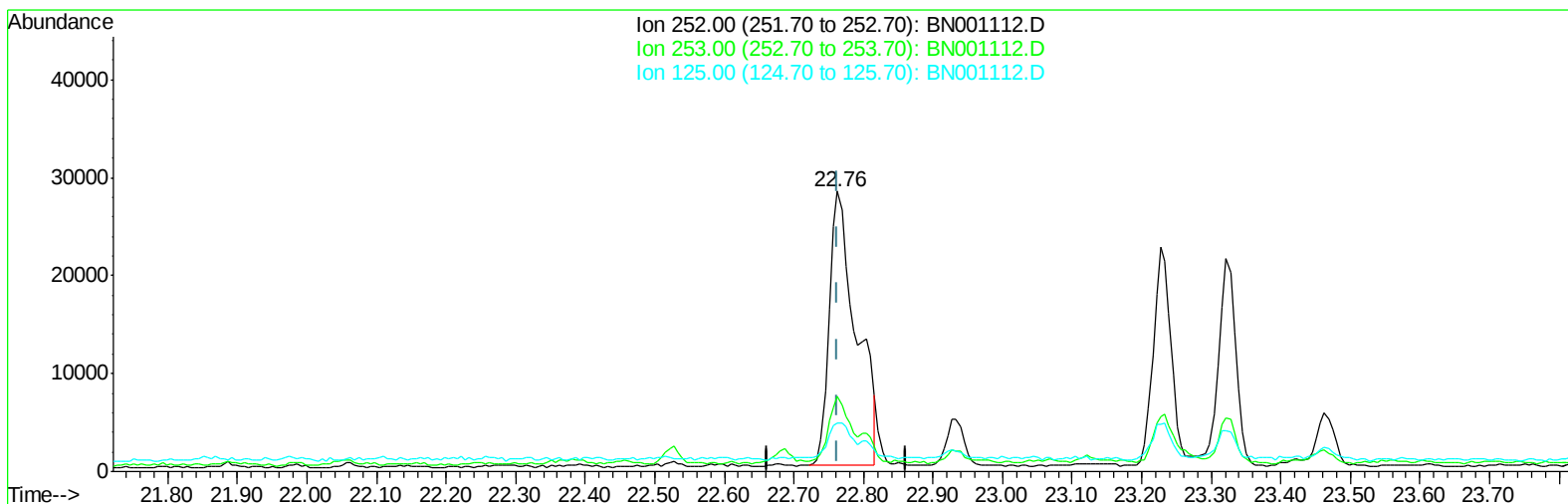
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\  
Data File : BN001112.D  
Acq On : 03 May 2018 18:00  
Operator : JU/SJ  
Sample : J2633-16MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DASA4MSD

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:33:34 PM

Quant Time: May 04 08:05:32 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 04 08:04:57 2018  
Response via : Initial Calibration



TIC: BN001112.D

(23) Benzo(b)fluoranthene

22.763min (-0.000) 3.19ng/ul

response 74380

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 26.96  |
| 125.00 | 10.00 | 17.27# |
| 0.00   | 0.00  | 0.00   |

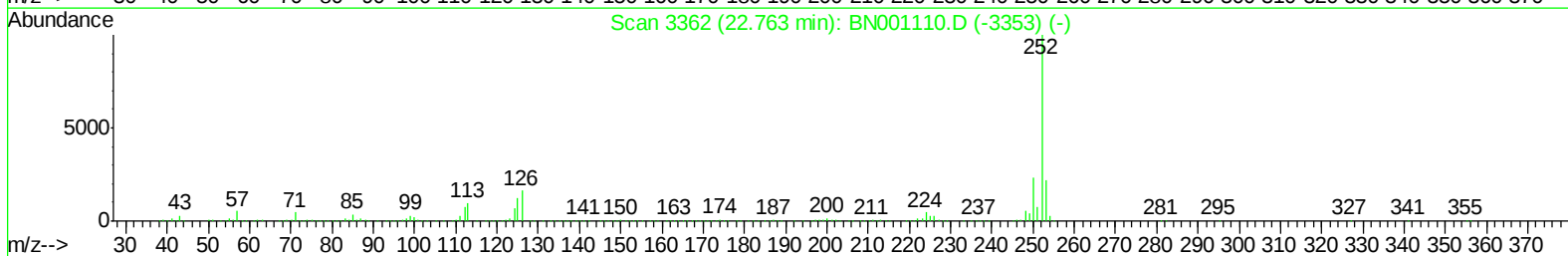
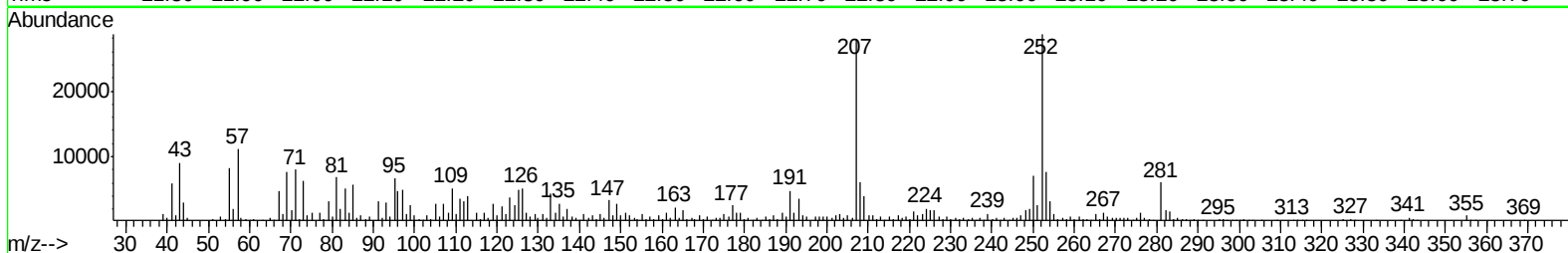
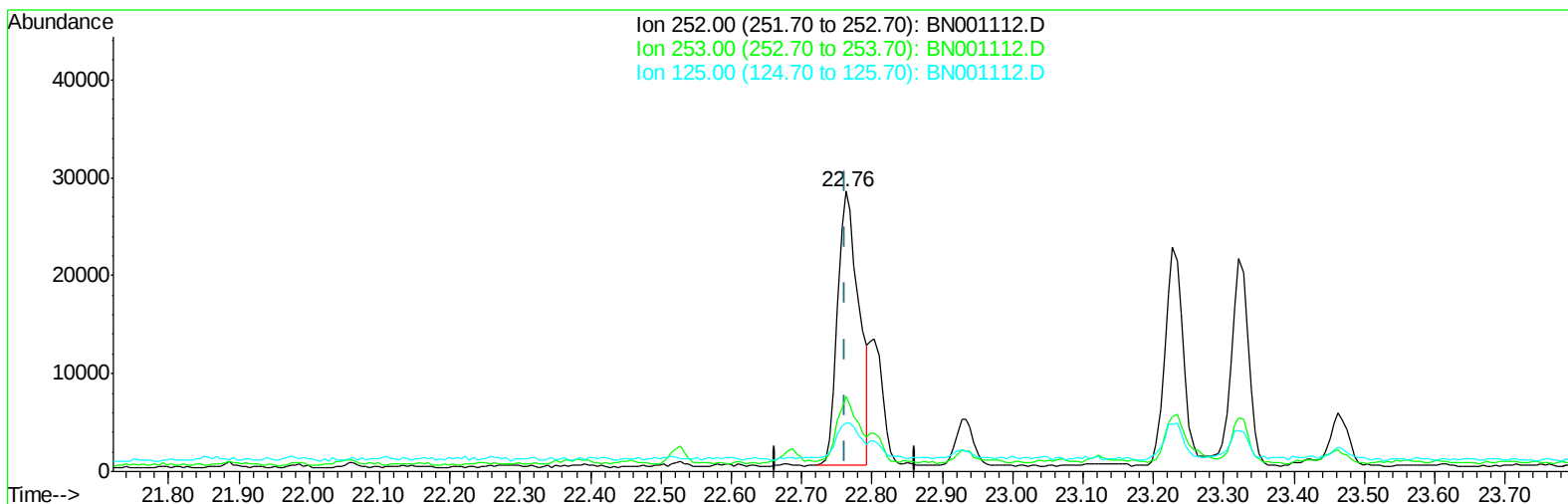
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\  
Data File : BN001112.D  
Acq On : 03 May 2018 18:00  
Operator : JU/SJ  
Sample : J2633-16MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DASA4MSD

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:33:34 PM

Quant Time: May 04 08:05:32 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 04 08:04:57 2018  
Response via : Initial Calibration



TIC: BN001112.D

(23) Benzo(b)fluoranthene

22.763min (-0.000) 2.54ng/ul m

response 59226

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.50 | 26.96  |
| 125.00 | 10.00 | 17.27# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\  
 Data File : BN001112.D  
 Acq On : 03 May 2018 18:00  
 Operator : JU/SJ  
 Sample : J2633-16MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DASA4MSD

Manual Integrations  
 APPROVED

Sohil  
 5/4/2018 1:33:34 PM

Quant Time: May 04 08:21:41 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 04 08:04:57 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 110693   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 459822   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.26 | 164  | 219129   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.00 | 188  | 410502   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.22 | 240  | 379299   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.42 | 264  | 410395   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 13.95 | 160  | 519695   | 24.69  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.25 | 176  | 346687   | 24.68  | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.10 | 188  | 479683   | 25.55  | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.41 | 212  | 484243   | 24.92  | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 23.28 | 264  | 527346   | 27.20  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 9) Acenaphthene             | 14.32 | 153  | 349302   | 24.272 | ng/ul  | 95       |
| 16) Fluoranthene            | 19.07 | 202  | 45966    | 2.024  | ng/ul# | 93       |
| 19) Pyrene                  | 19.44 | 202  | 632525   | 25.962 | ng/ul# | 89       |
| 20) Benzo(a)anthracene      | 21.20 | 228  | 32077m   | 1.415  | ng/ul  |          |
| 21) Chrysene                | 21.25 | 228  | 36653m   | 1.720  | ng/ul  |          |
| 23) Benzo(b)fluoranthene    | 22.76 | 252  | 59226m   | 2.539  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.32 | 252  | 37408    | 1.678  | ng/ul# | 87       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.60 | 276  | 27032    | 1.004  | ng/ul# | 83       |
| 29) Benzo(g,h,i)perylene    | 26.28 | 276  | 34843    | 1.547  | ng/ul# | 89       |

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

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\  
Data File : BN001112.D  
Acq On : 03 May 2018 18:00  
Operator : JU/SJ  
Sample : J2633-16MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DASA4MSD

Manual Integrations  
APPROVED

Sohil  
5/4/2018 1:33:34 PM

Quant Time: May 04 08:21:41 2018  
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 04 08:04:57 2018  
Response via : Initial Calibration

