

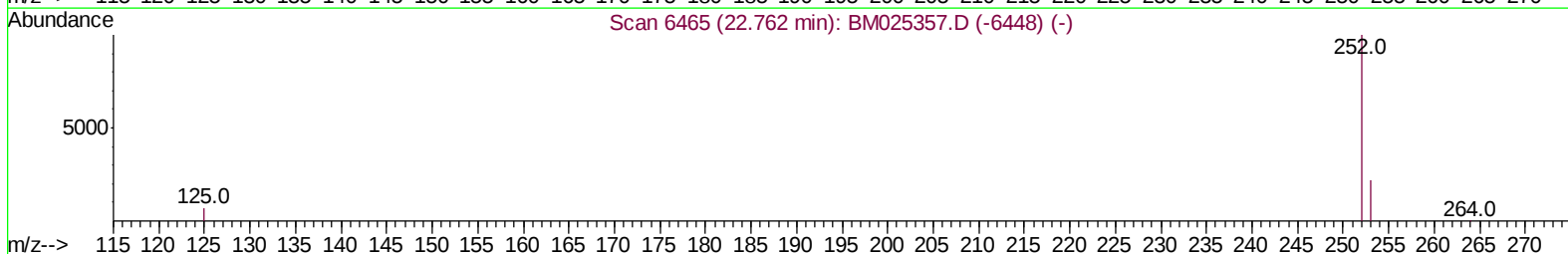
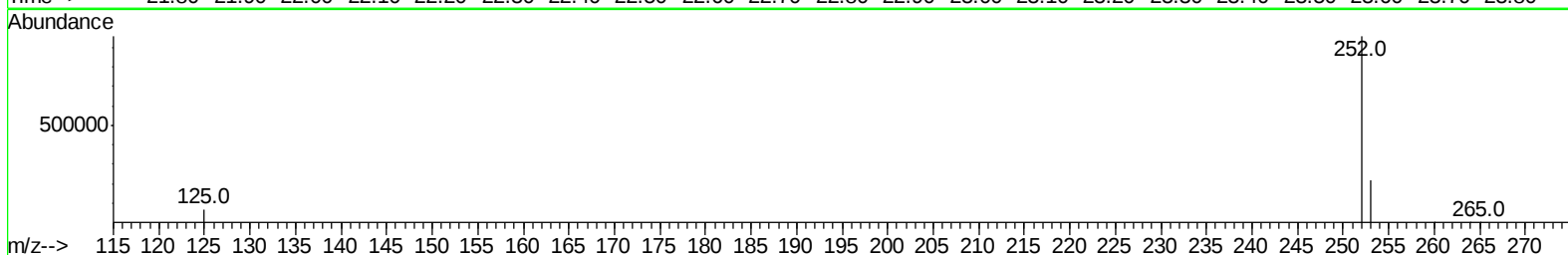
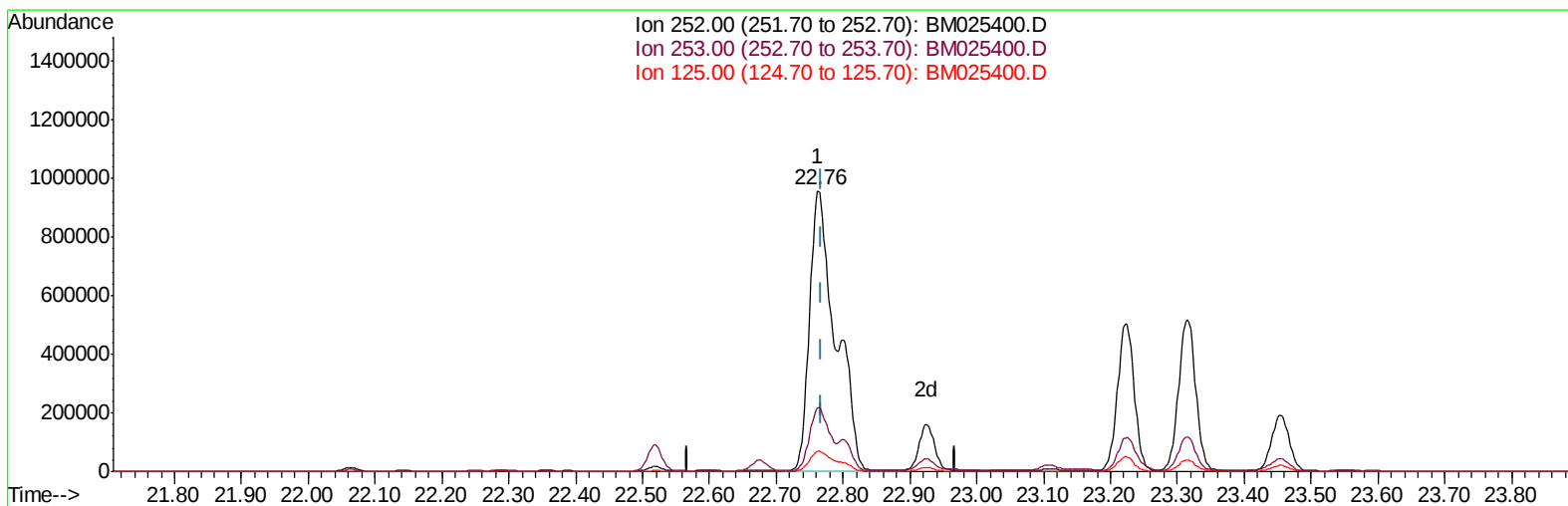
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\  
Data File : BM025400.D  
Acq On : 09 Mar 2020 00:32  
Operator : CG/JU  
Sample : L1617-20  
Misc :  
ALS Vial : 86 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBDT4

Manual Integrations  
APPROVED

mohammad  
3/9/2020 3:04:04 PM

Quant Time: Mar 09 01:16:32 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 04 08:02:03 2020  
Response via : Initial Calibration



TIC: BM025400.D

(21) Benzo(b)fluoranthene

22.762min (-0.007) 24.77ng/ul

response 2590750

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.90 | 22.87 |
| 125.00 | 14.30 | 7.08  |
| 0.00   | 0.00  | 0.00  |

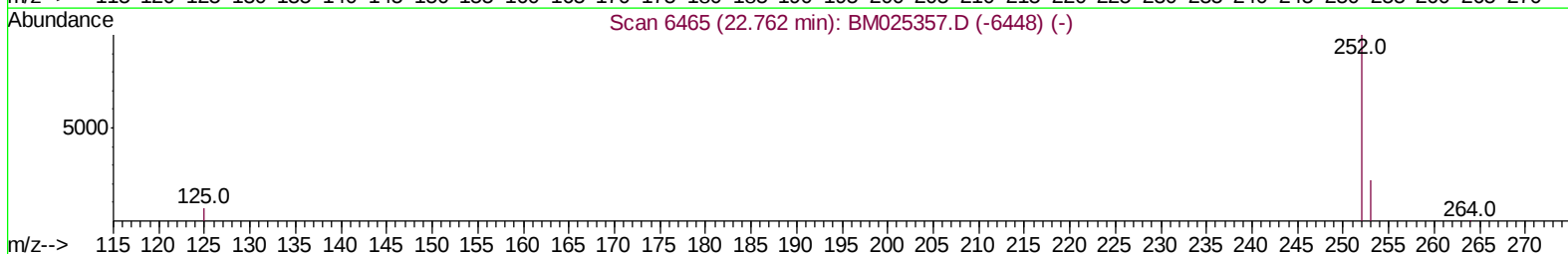
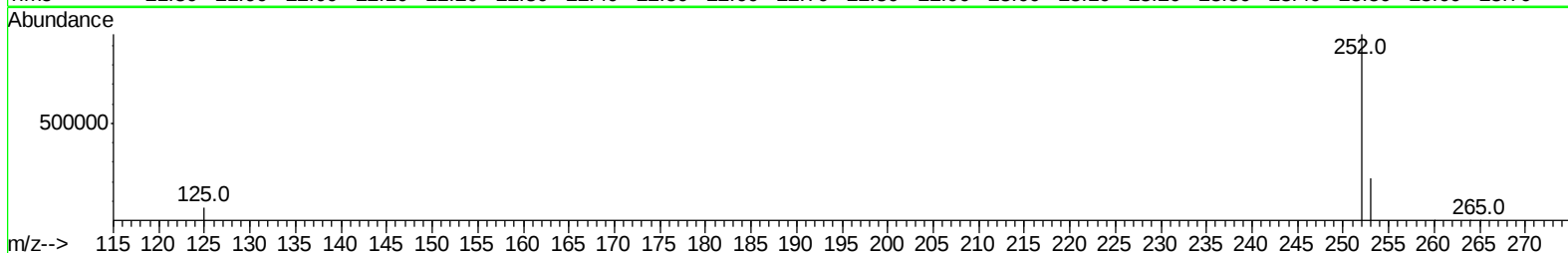
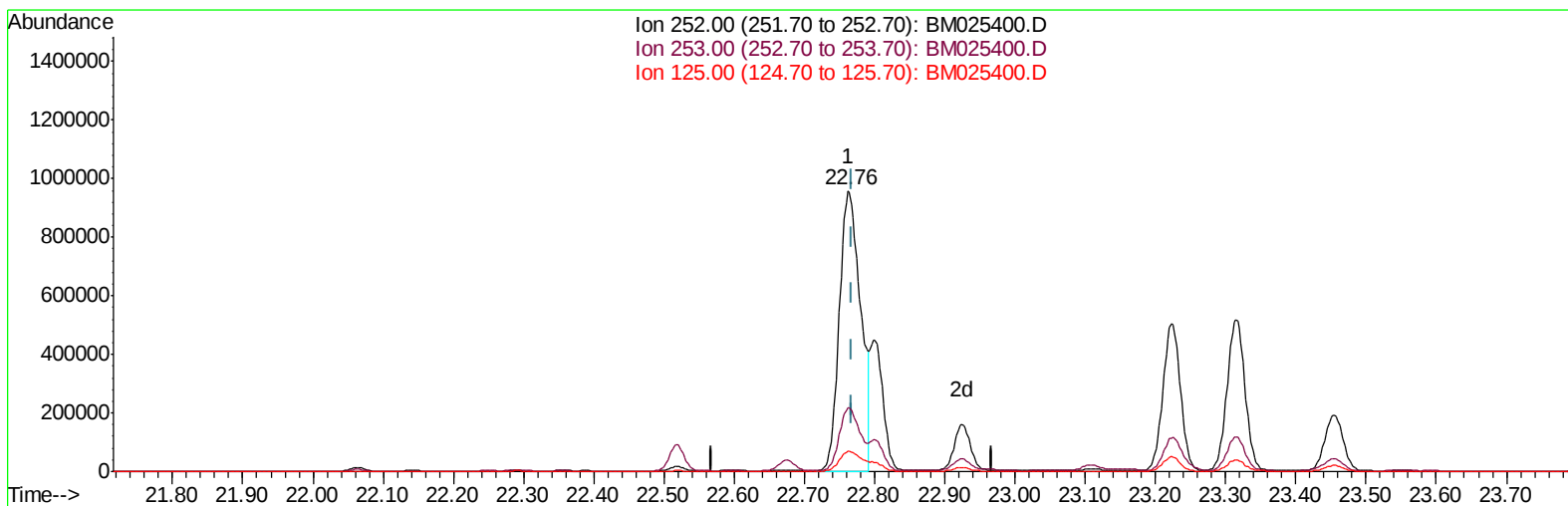
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\  
 Data File : BM025400.D  
 Acq On : 09 Mar 2020 00:32  
 Operator : CG/JU  
 Sample : L1617-20  
 Misc :  
 ALS Vial : 86 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBDT4

Manual Integrations  
 APPROVED

mohammad  
 3/9/2020 3:04:04 PM

Quant Time: Mar 09 01:16:32 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 04 08:02:03 2020  
 Response via : Initial Calibration



TIC: BM025400.D

(21) Benzo(b)fluoranthene

22.762min (-0.007) 19.23ng/ul m

response 2011084

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.90 | 22.87 |
| 125.00 | 14.30 | 7.08  |
| 0.00   | 0.00  | 0.00  |

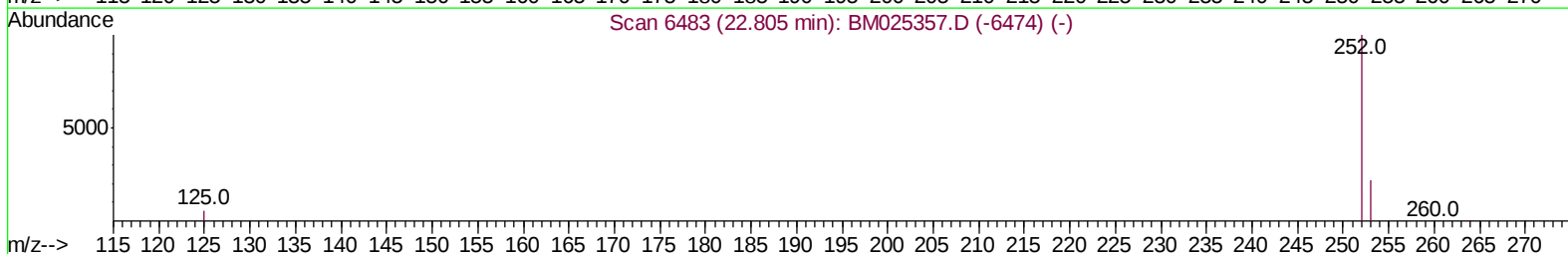
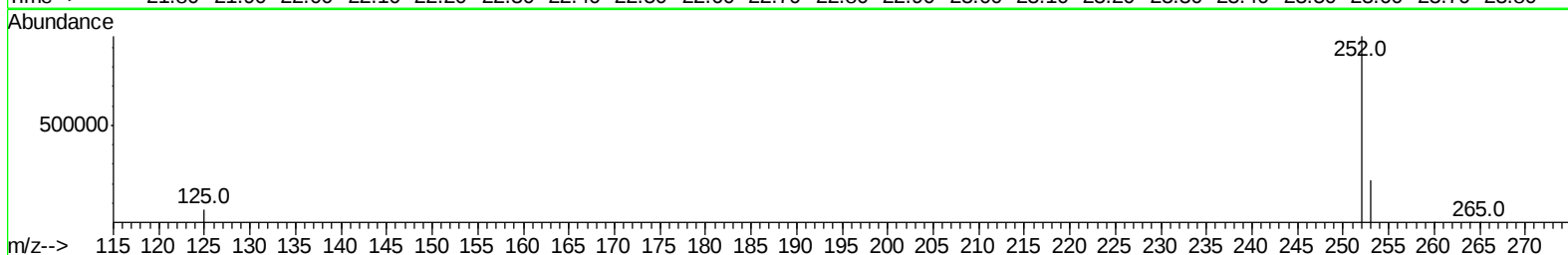
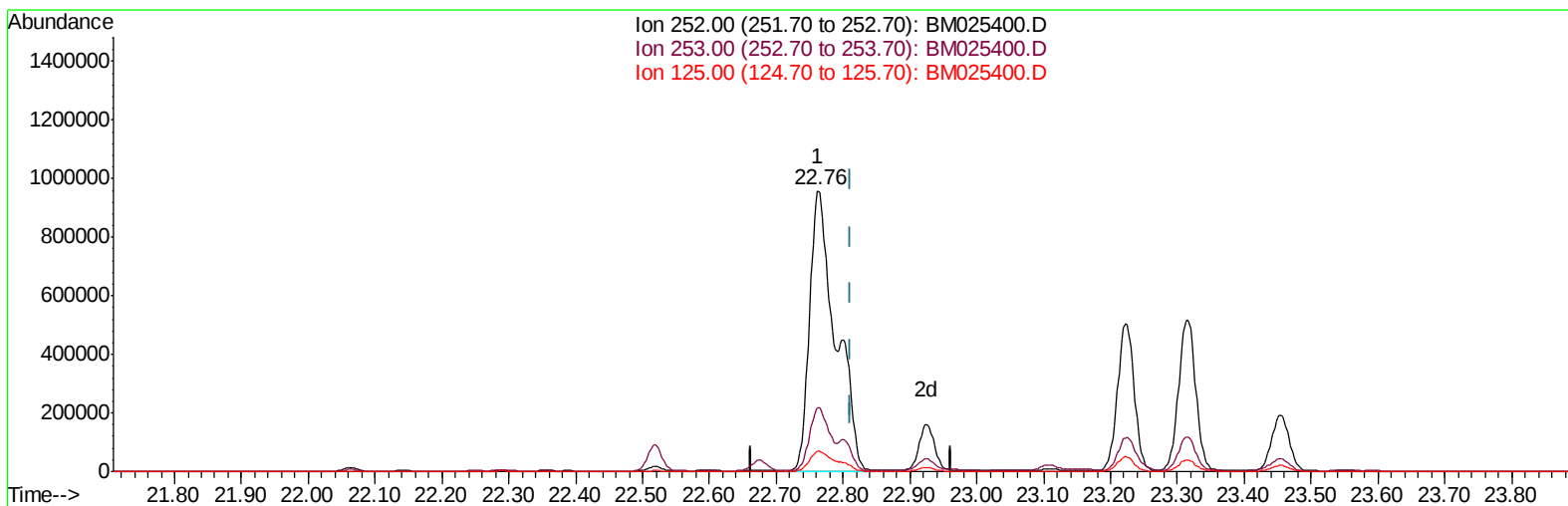
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\  
Data File : BM025400.D  
Acq On : 09 Mar 2020 00:32  
Operator : CG/JU  
Sample : L1617-20  
Misc :  
ALS Vial : 86 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBDT4

Manual Integrations  
APPROVED

mohammad  
3/9/2020 3:04:04 PM

Quant Time: Mar 09 01:16:32 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 04 08:02:03 2020  
Response via : Initial Calibration



TIC: BM025400.D

(22) Benzo(k)fluoranthene

22.762min (-0.050) 23.62ng/ul

response 2590750

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.20 | 22.87 |
| 125.00 | 13.40 | 7.08# |
| 0.00   | 0.00  | 0.00  |

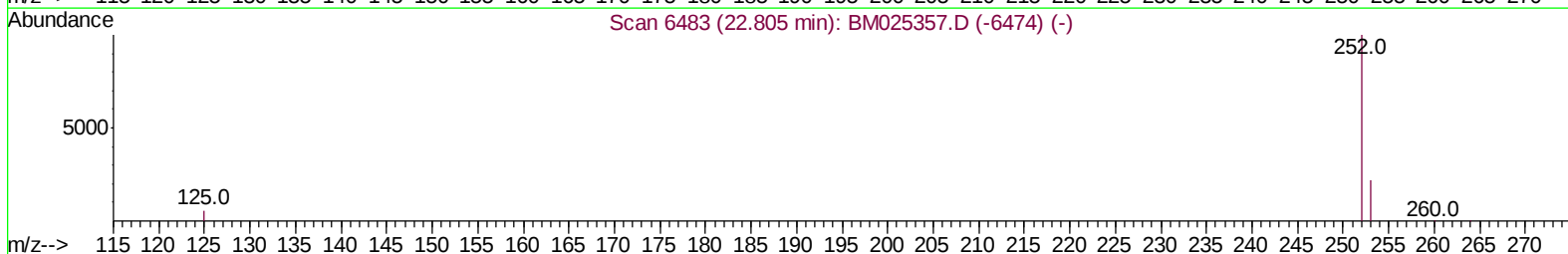
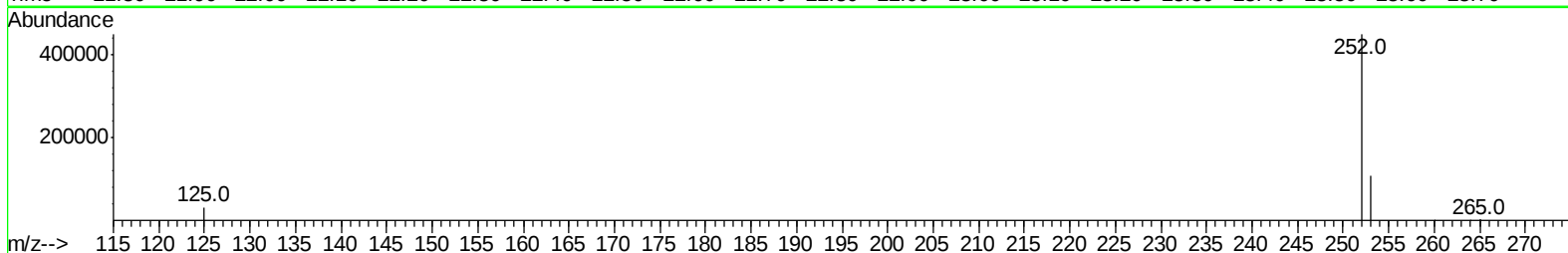
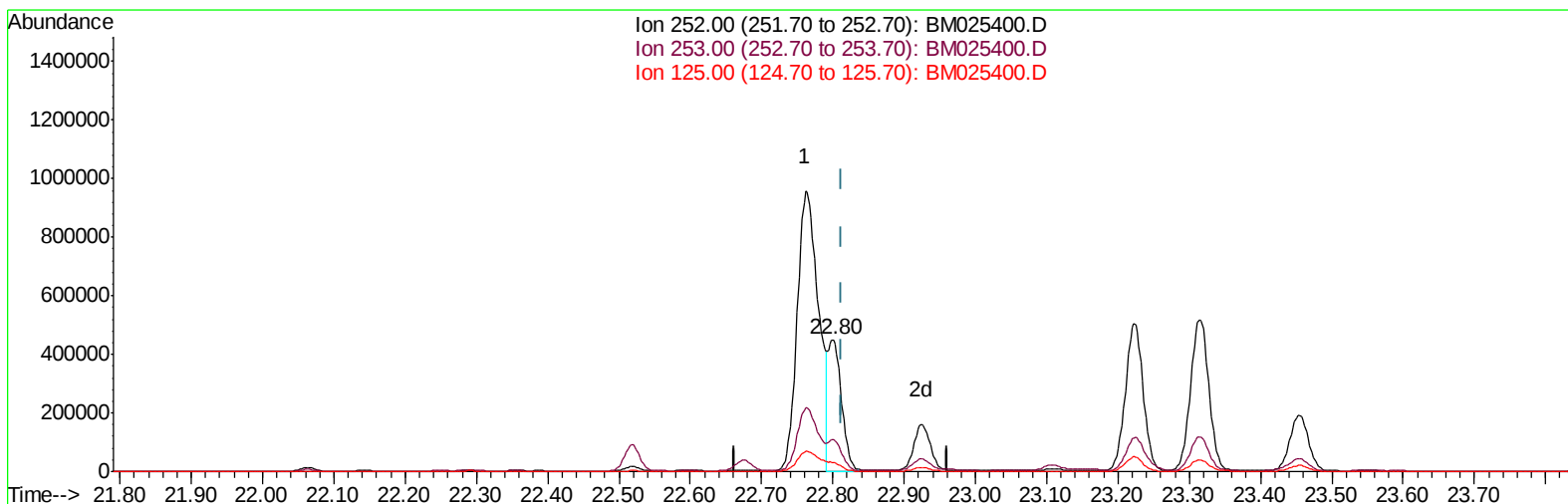
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\  
Data File : BM025400.D  
Acq On : 09 Mar 2020 00:32  
Operator : CG/JU  
Sample : L1617-20  
Misc :  
ALS Vial : 86 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBDT4

Manual Integrations  
APPROVED

mohammad  
3/9/2020 3:04:04 PM

Quant Time: Mar 09 01:16:32 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 04 08:02:03 2020  
Response via : Initial Calibration



TIC: BM025400.D

(22) Benzo(k)fluoranthene

22.801min (-0.011) 5.31ng/ul m

response 582981

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.20 | 24.06 |
| 125.00 | 13.40 | 7.19# |
| 0.00   | 0.00  | 0.00  |

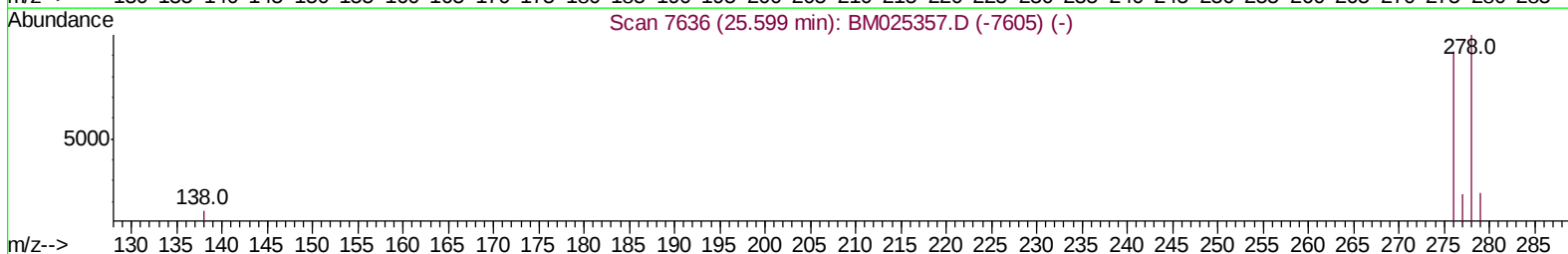
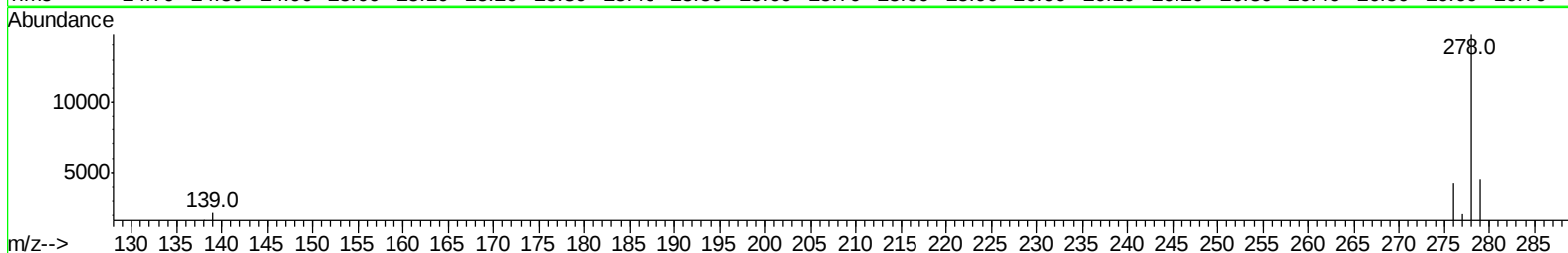
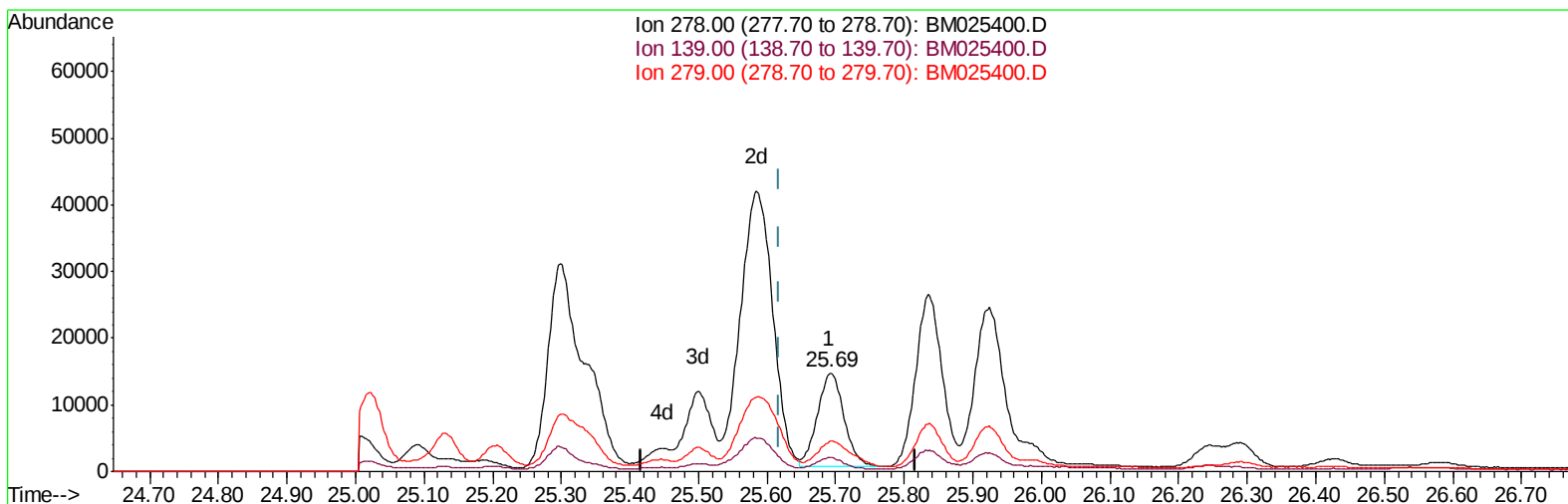
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\  
 Data File : BM025400.D  
 Acq On : 09 Mar 2020 00:32  
 Operator : CG/JU  
 Sample : L1617-20  
 Misc :  
 ALS Vial : 86 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBDT4

Manual Integrations  
 APPROVED

mohammad  
 3/9/2020 3:04:04 PM

Quant Time: Mar 09 01:16:32 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 04 08:02:03 2020  
 Response via : Initial Calibration



TIC: BM025400.D

(25) Dibenzo(a,h)anthracene

25.691min (+0.073) 0.42ng/ul

response 38052

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 16.50 | 14.58 |
| 279.00 | 26.20 | 30.80 |
| 0.00   | 0.00  | 0.00  |

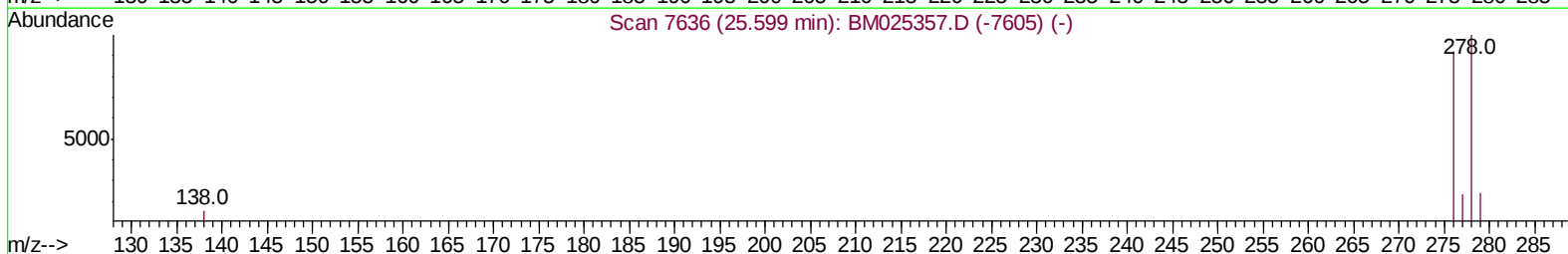
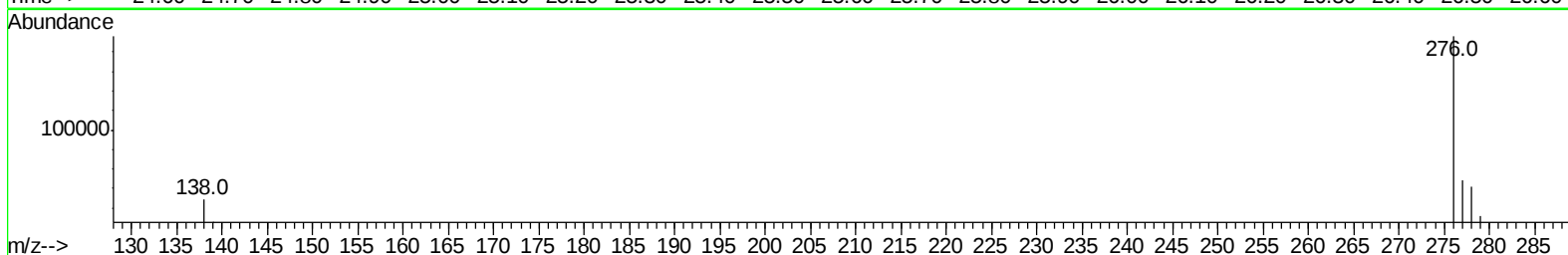
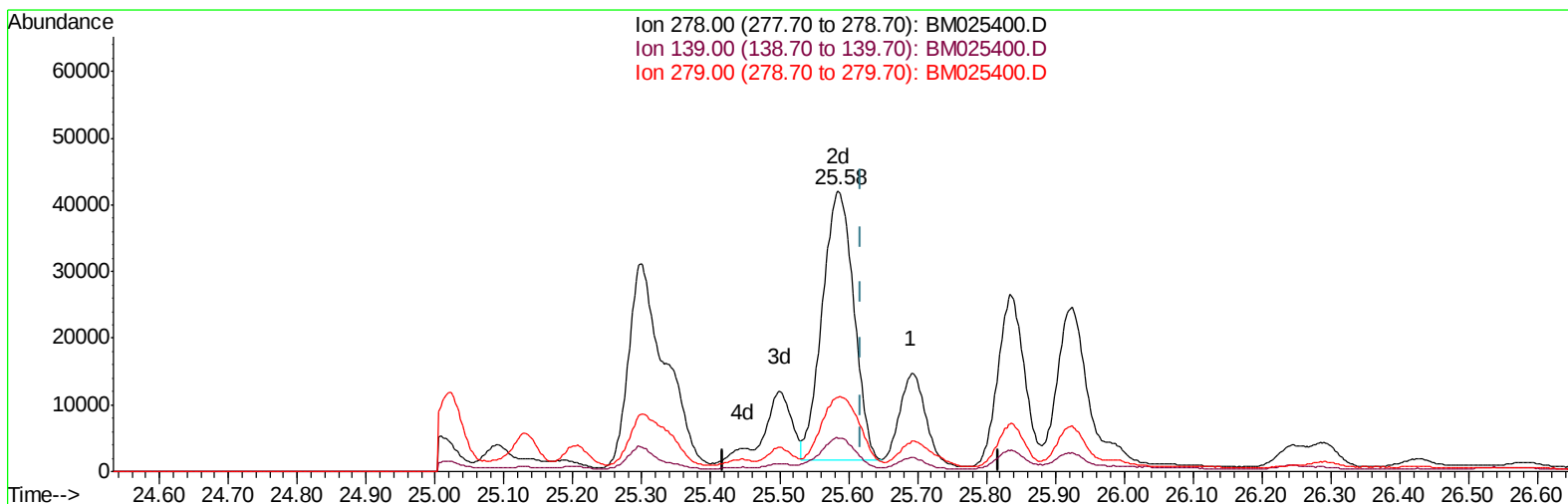
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\  
 Data File : BM025400.D  
 Acq On : 09 Mar 2020 00:32  
 Operator : CG/JU  
 Sample : L1617-20  
 Misc :  
 ALS Vial : 86 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBDT4

Manual Integrations  
 APPROVED

mohammad  
 3/9/2020 3:04:04 PM

Quant Time: Mar 09 01:16:32 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 04 08:02:03 2020  
 Response via : Initial Calibration



TIC: BM025400.D

(25) Dibenzo(a,h)anthracene

25.585min (-0.033) 1.42ng/ul m

response 128483

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 16.50 | 11.92# |
| 279.00 | 26.20 | 26.43  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\  
 Data File : BM025400.D  
 Acq On : 09 Mar 2020 00:32  
 Operator : CG/JU  
 Sample : L1617-20  
 Misc :  
 ALS Vial : 86 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBDT4

Manual Integrations  
 APPROVED

mohammad  
 3/9/2020 3:04:04 PM

Quant Time: Mar 09 02:32:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 04 08:02:03 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.67  | 152  | 3708     | 0.40   | ng/ul  | -0.01    |
| 2) Naphthalene-d8           | 10.43 | 136  | 15807    | 0.40   | ng/ul  | -0.01    |
| 6) Acenaphthene-d10         | 14.29 | 164  | 10970    | 0.40   | ng/ul  | -0.01    |
| 10) Phenanthrene-d10        | 17.03 | 188  | 26591    | 0.40   | ng/ul  | -0.01    |
| 16) Chrysene-d12            | 21.22 | 240  | 27097    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.41 | 264  | 26144    | 0.40   | ng/ul  | -0.01    |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 630      | 0.02   | ng/ul  | -0.02    |
| 14) Fluoranthene-d10        | 19.07 | 212  | 1710     | 0.02   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |        | Ovalue |          |
| 3) Naphthalene              | 10.48 | 128  | 5435     | 0.114  | ng/ul# | 85       |
| 5) 2-Methylnaphthalene      | 12.10 | 142  | 9615     | 0.277  | ng/ul  | 100      |
| 7) Acenaphthylene           | 14.01 | 152  | 33937    | 0.661  | ng/ul  | 94       |
| 8) Acenaphthene             | 14.35 | 153  | 115780   | 2.906  | ng/ul  | 98       |
| 9) Fluorene                 | 15.34 | 166  | 113079   | 2.264  | ng/ul  | 96       |
| 12) Phenanthrene            | 17.08 | 178  | 1214973  | 14.169 | ng/ul  | 95       |
| 13) Anthracene              | 17.17 | 178  | 511670   | 6.724  | ng/ul  | 95       |
| 15) Fluoranthene            | 19.10 | 202  | 4713438  | 43.920 | ng/ul  | 95       |
| 17) Pyrene                  | 19.46 | 202  | 3920218  | 38.147 | ng/ul  | 97       |
| 18) Benzo(a)anthracene      | 21.21 | 228  | 1274250  | 12.793 | ng/ul  | 100      |
| 19) Chrysene                | 21.26 | 228  | 1817556  | 16.608 | ng/ul  | 99       |
| 21) Benzo(b)fluoranthene    | 22.76 | 252  | 2011084m | 19.226 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.80 | 252  | 582981m  | 5.315  | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.31 | 252  | 920169   | 10.478 | ng/ul# | 89       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.58 | 276  | 536075   | 4.897  | ng/ul# | 100      |
| 25) Dibenzo(a,h)anthracene  | 25.58 | 278  | 128483m  | 1.416  | ng/ul  |          |
| 26) Benzo(a,h,i)perylene    | 26.24 | 276  | 341295   | 3.671  | ng/ul# | 91       |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\  
Data File : BM025400.D  
Acq On : 09 Mar 2020 00:32  
Operator : CG/JU  
Sample : L1617-20  
Misc :  
ALS Vial : 86 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBDT4

Manual Integrations  
APPROVED

mohammad  
3/9/2020 3:04:04 PM

Quant Time: Mar 09 02:32:33 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 04 08:02:03 2020  
Response via : Initial Calibration

