

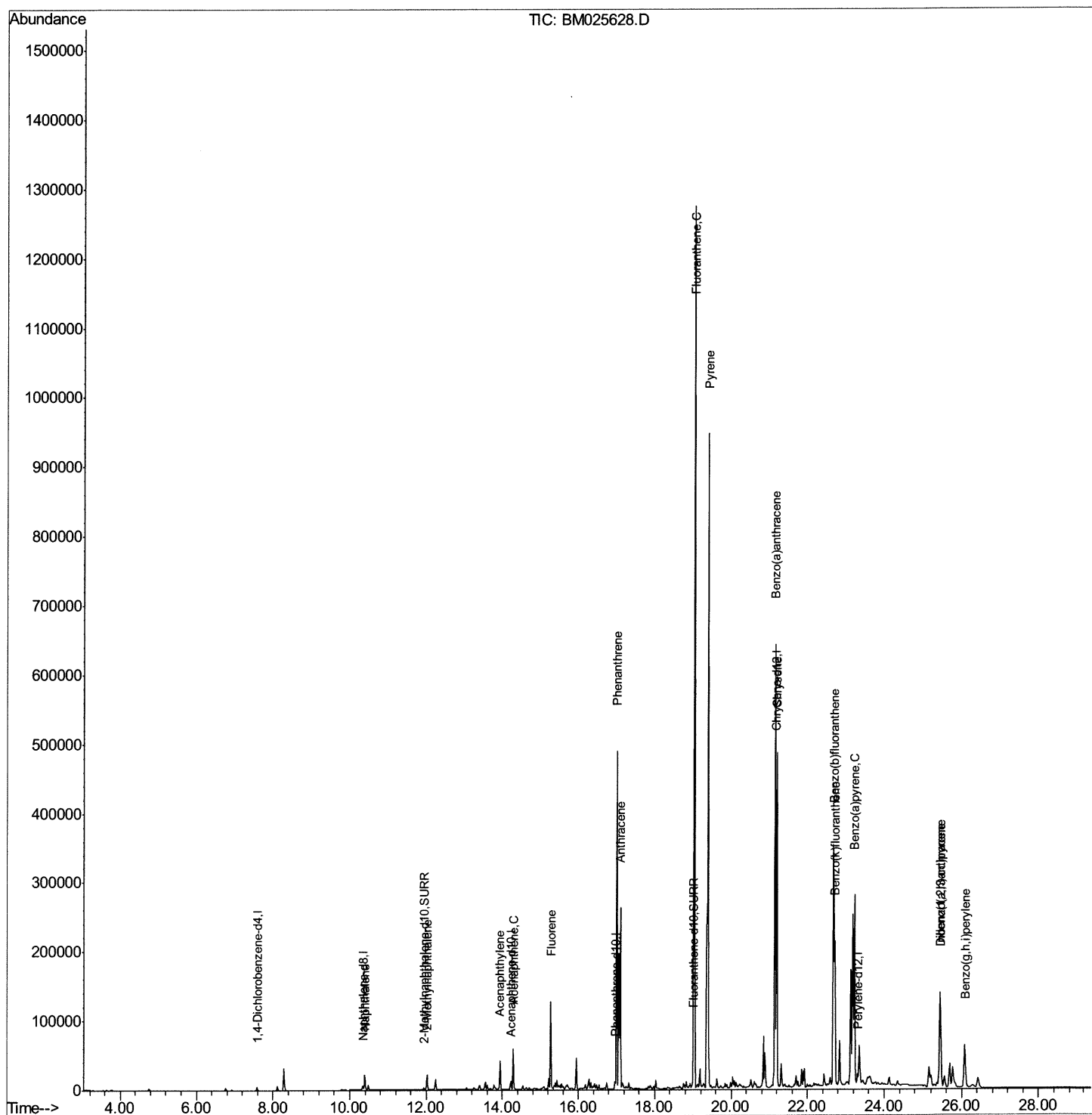
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\  
Data File : BM025628.D  
Acq On : 18 Mar 2020 14:33  
Operator : CG/JU  
Sample : L1786-06  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AC2

Manual Integrations  
APPROVED

mohammad  
3/19/2020 12:35:26 PM

Quant Time: Mar 18 15:06:29 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 18 05:07:34 2020  
Response via : Initial Calibration



## Quantitation Report (Qedit)

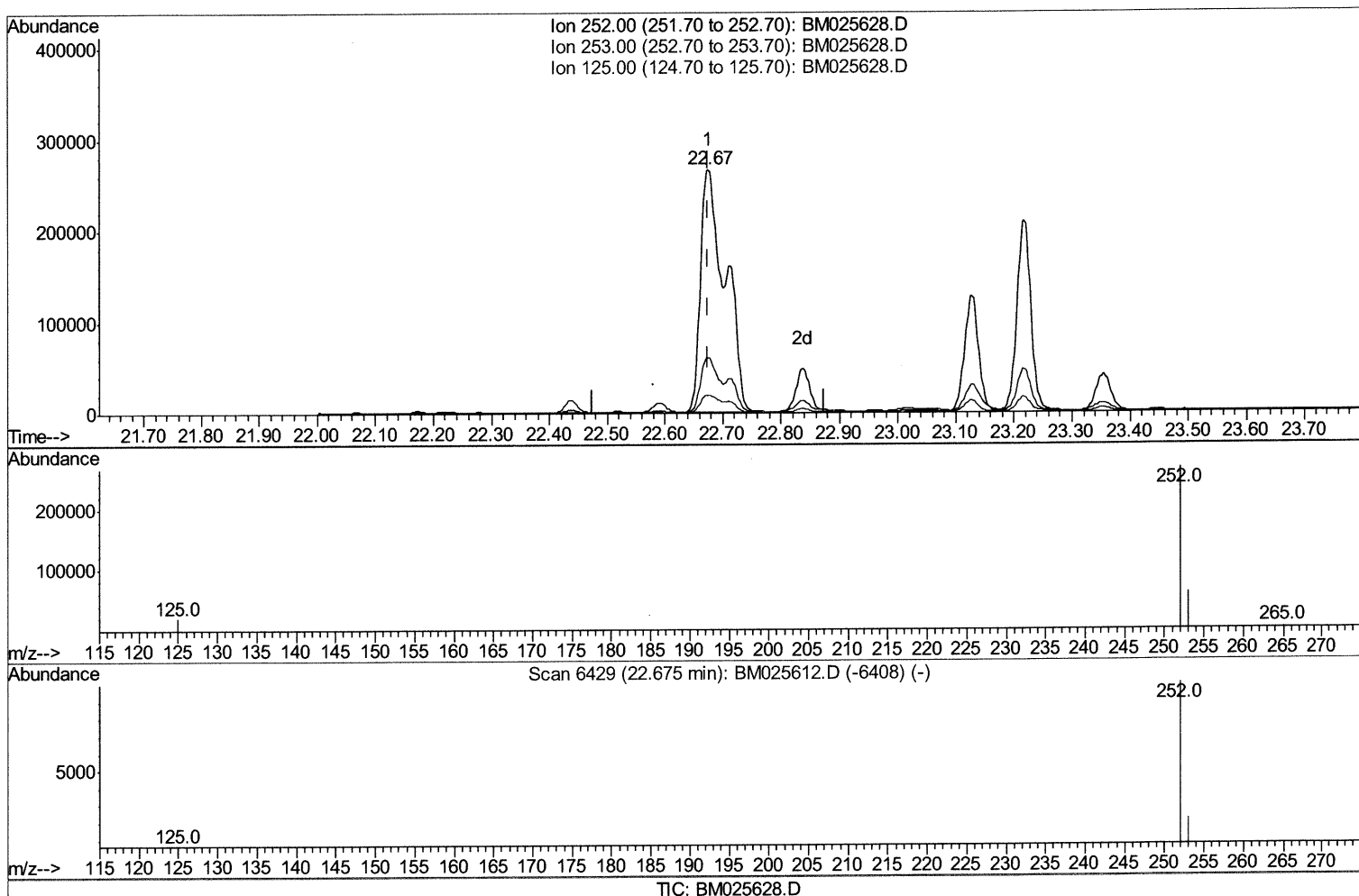
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\  
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(21) Benzo(b)fluoranthene

22.674min (-0.000) 11.80ng/ul

response 788242

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.10 | 22.65 |
| 125.00 | 8.80  | 7.50  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

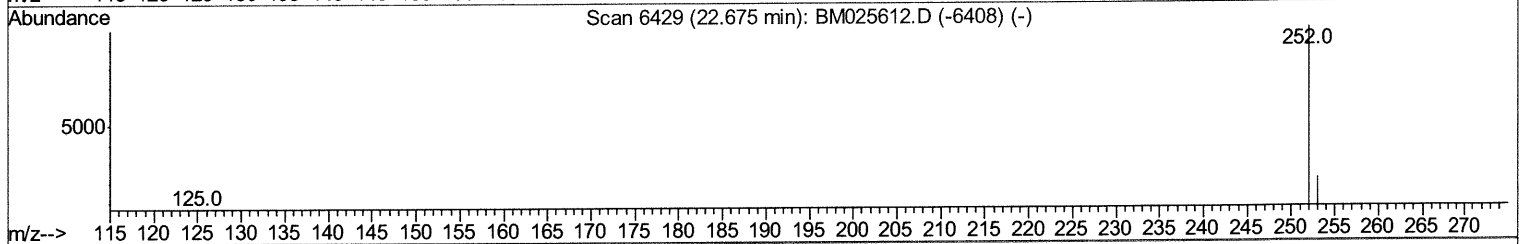
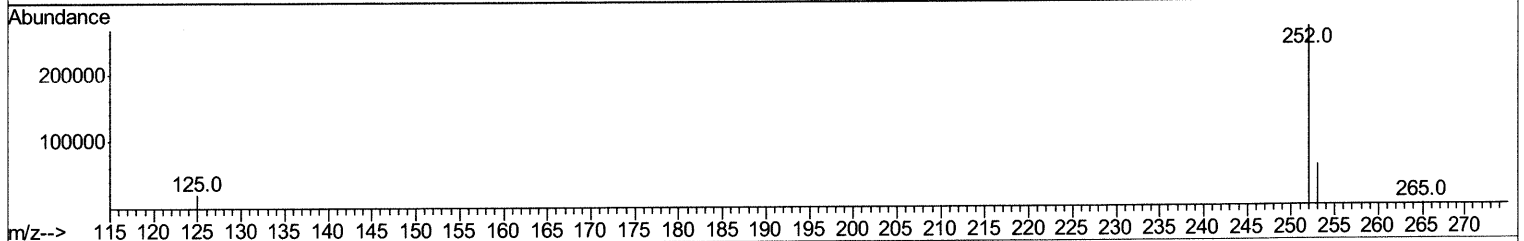
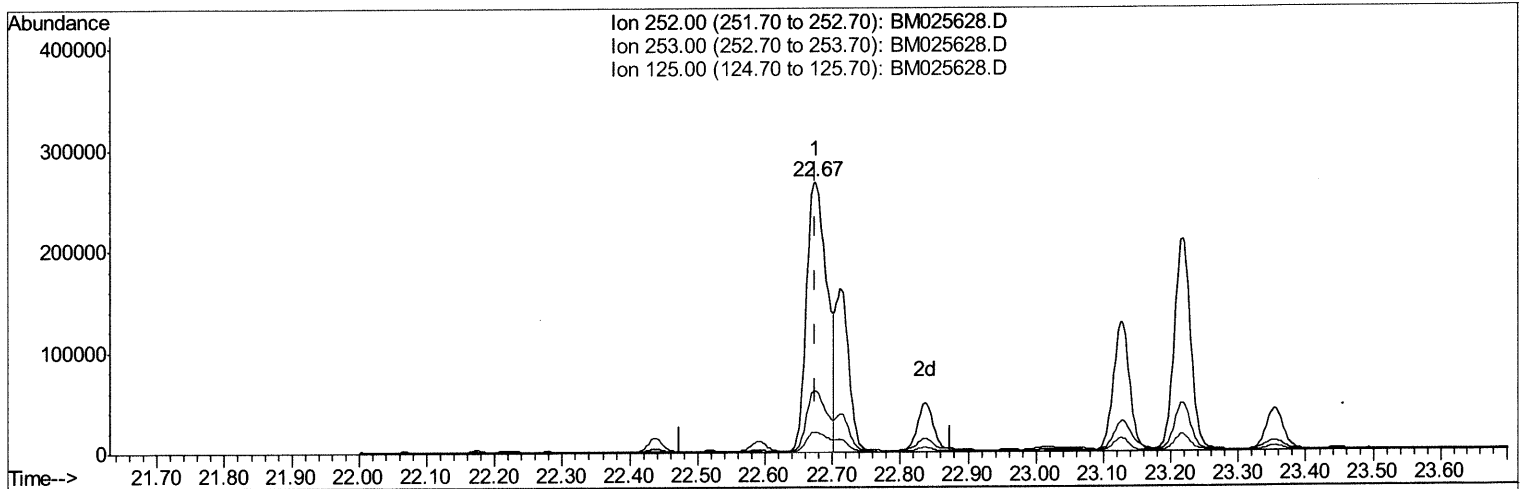
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\  
Data File : BM025628.D  
Acq On : 18 Mar 2020 14:33  
Operator : CG/JU  
Sample : L1786-06  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

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TIC: BM025628.D

(21) Benzo(b)fluoranthene

22.674min (-0.000) 8.42ng/ul m *JU03/26/20*

response 562670

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.10 | 22.65 |
| 125.00 | 8.80  | 7.50  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

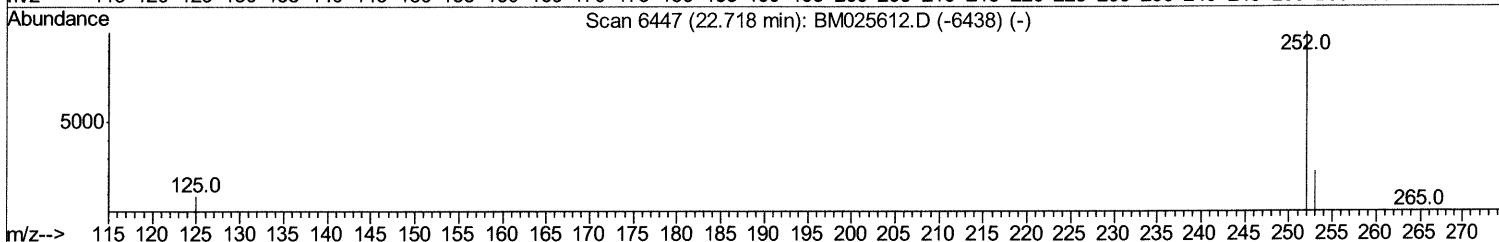
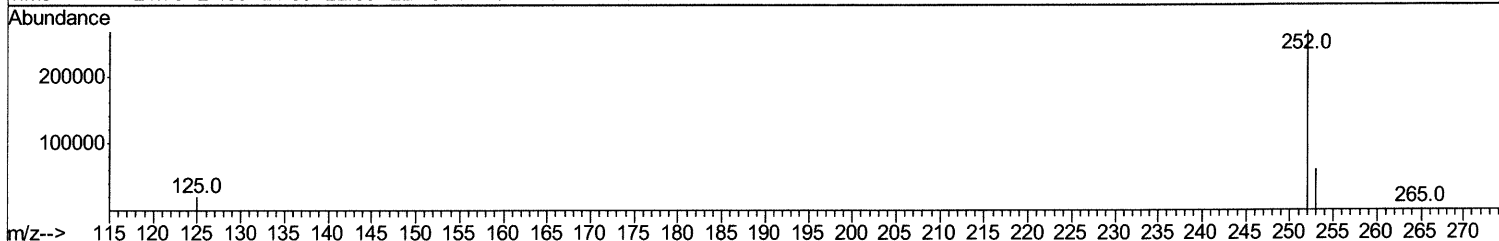
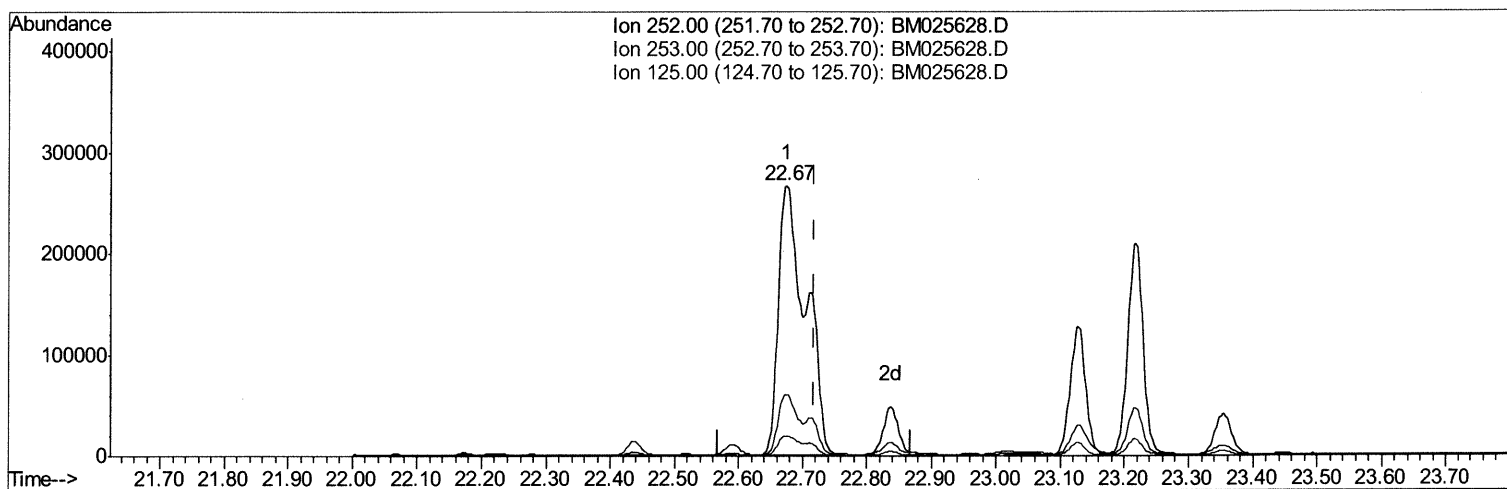
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\  
Data File : BM025628.D  
Acq On : 18 Mar 2020 14:33  
Operator : CG/JU  
Sample : L1786-06  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Manual Integrations  
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TIC: BM025628.D

(22) Benzo(k)fluoranthene

22.674min (-0.044) 11.26ng/ul

response 788242

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.80 | 22.65 |
| 125.00 | 8.90  | 7.50  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

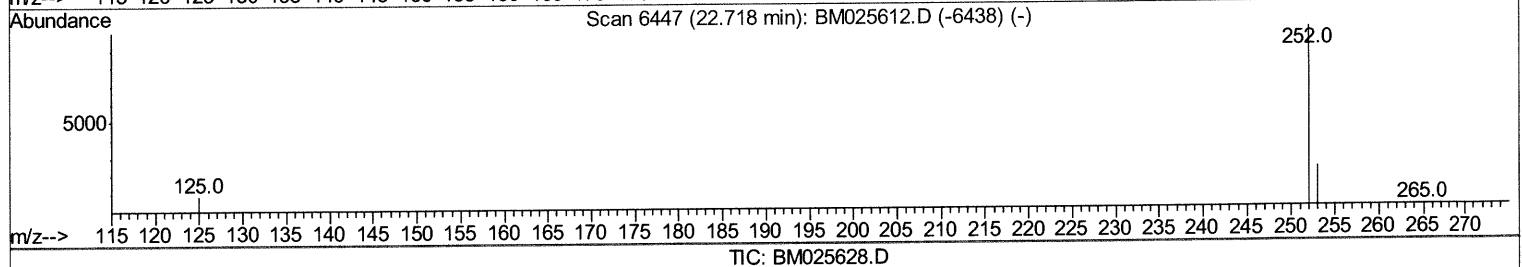
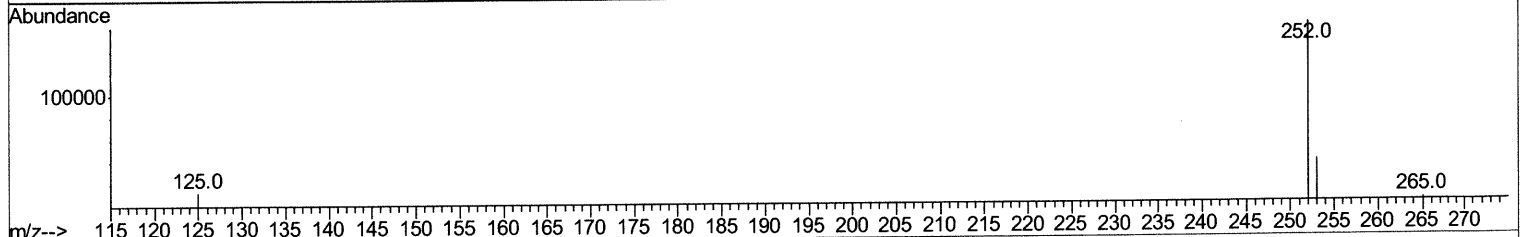
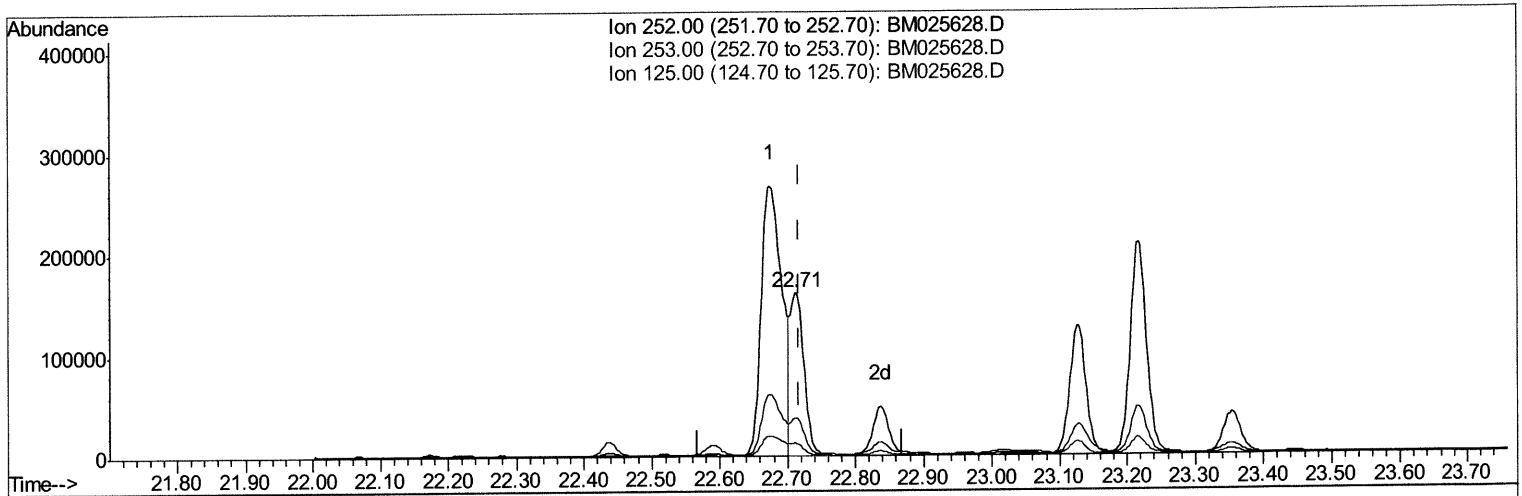
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\  
 Data File : BM025628.D  
 Acq On : 18 Mar 2020 14:33  
 Operator : CG/JU  
 Sample : L1786-06  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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(22) Benzo(k)fluoranthene

22.711min (-0.008) 3.30ng/ul m *Ju03/20/20*

response 230801

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.80 | 23.45 |
| 125.00 | 8.90  | 7.93  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

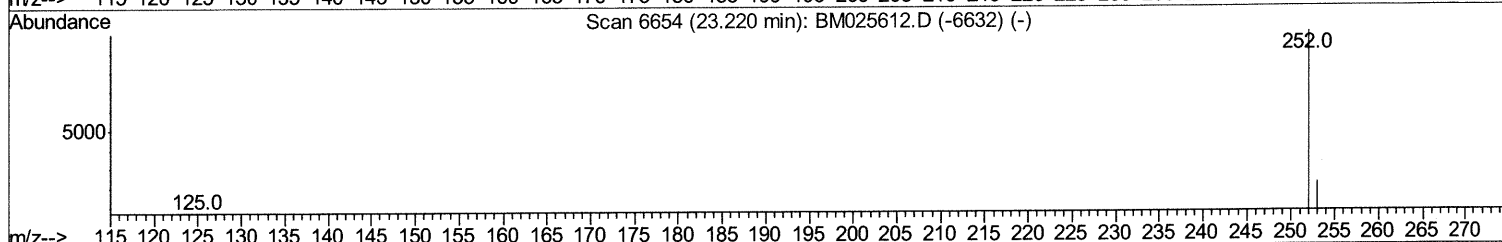
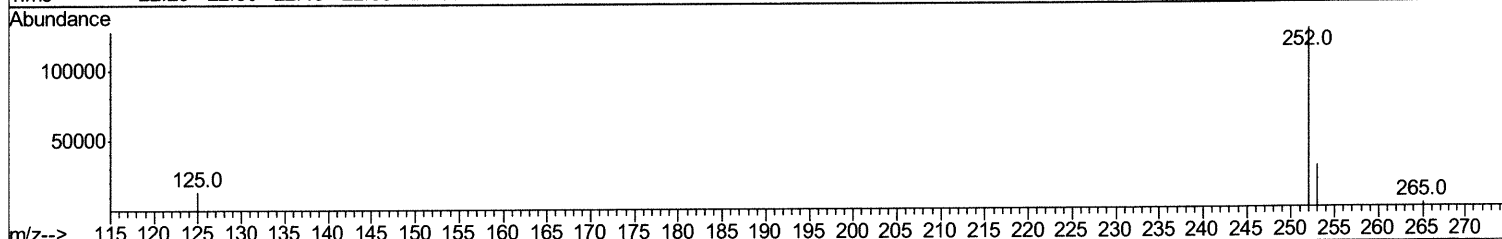
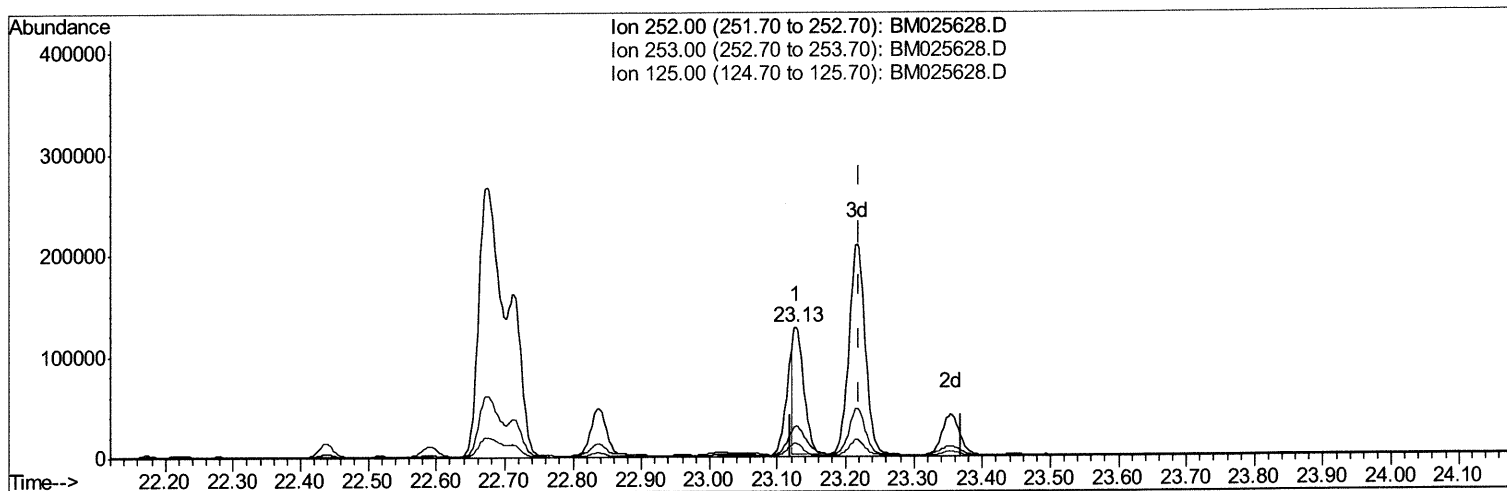
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\  
Data File : BM025628.D  
Acq On : 18 Mar 2020 14:33  
Operator : CG/JU  
Sample : L1786-06  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AC2

Manual Integrations  
APPROVED

mohammad  
3/19/2020 12:35:26 PM

Quant Time: Mar 18 15:05:17 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M  
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QLast Update : Wed Mar 18 05:07:34 2020  
Response via : Initial Calibration



TIC: BM025628.D

(23) Benzo(a)pyrene (C)

23.128min (-0.092) 2.57ng/ul

response 142872

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 23.52 |
| 125.00 | 10.60 | 10.42 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

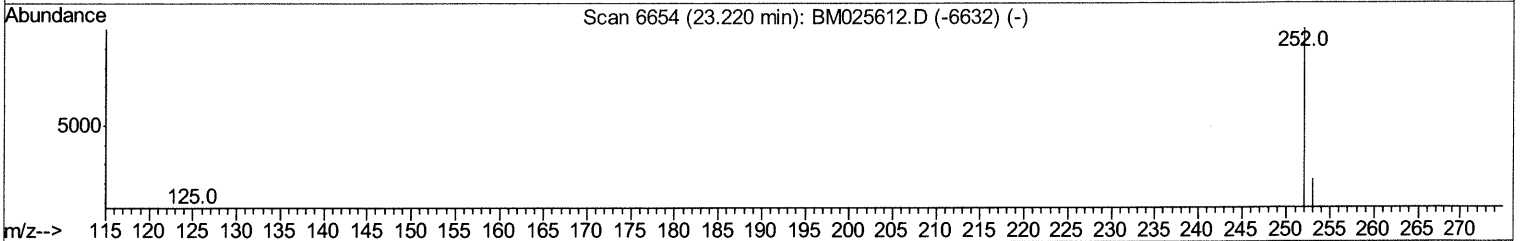
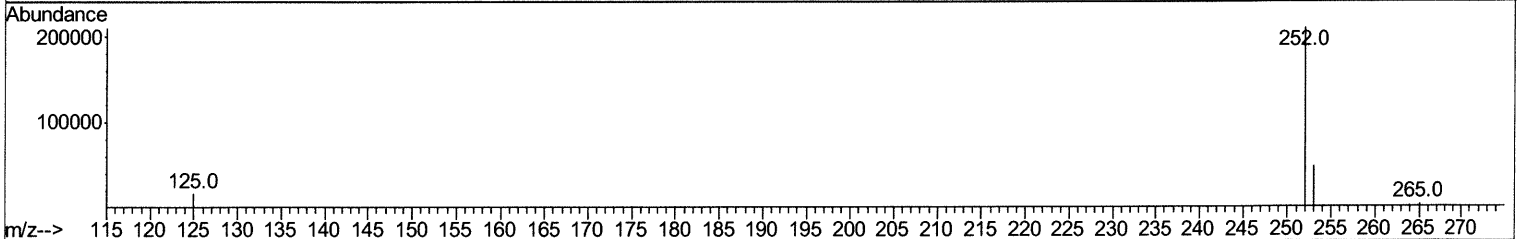
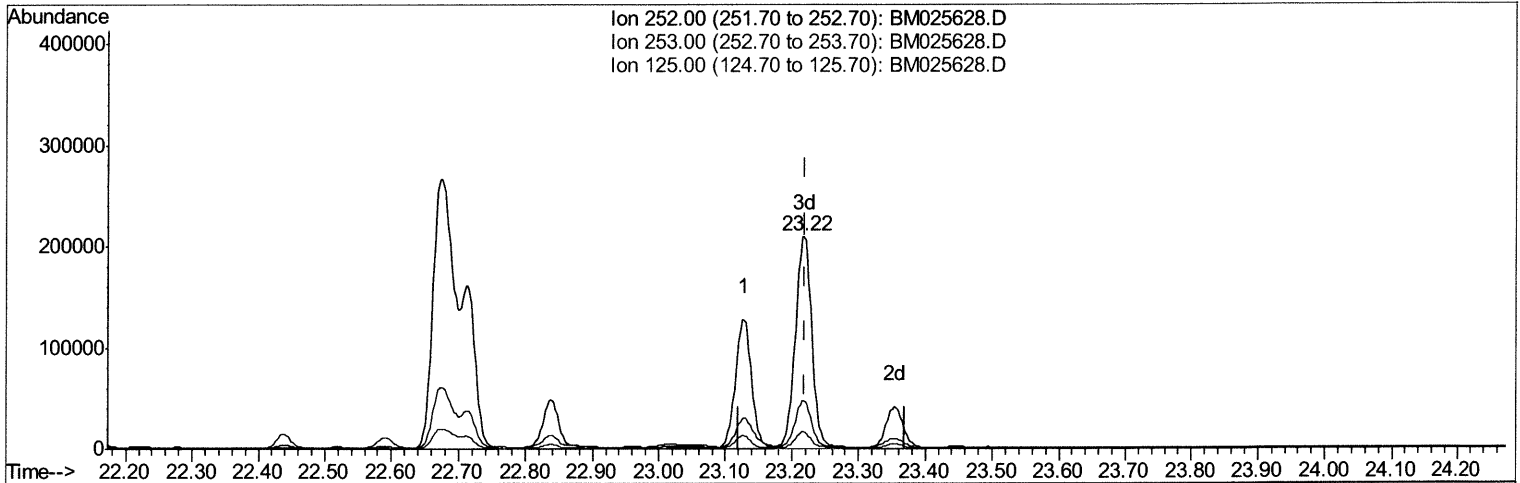
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\  
 Data File : BM025628.D  
 Acq On : 18 Mar 2020 14:33  
 Operator : CG/JU  
 Sample : L1786-06  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC2

Manual Integrations  
 APPROVED

mohammad  
 3/19/2020 12:35:26 PM

Quant Time: Mar 18 15:05:17 2020  
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TIC: BM025628.D

(23) Benzo(a)pyrene (C)

23.217min (-0.003) 6.48ng/ul m *50.3/26/20*

response 359583

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 22.72 |
| 125.00 | 10.60 | 7.83# |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM031820\  
 Data File : BM025628.D  
 Acq On : 18 Mar 2020 14:33  
 Operator : CG/JU  
 Sample : L1786-06  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC2

Manual Integrations  
 APPROVED

mohammad  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 2202     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.35 | 136  | 8784     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.22 | 164  | 5883     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.96 | 188  | 13739    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.16 | 240  | 15267    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.31 | 264  | 16874    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 11.94 | 152  | 3844     | 0.24 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.00 | 212  | 11637    | 0.31 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue         |
|----------------------------|-------|------|----------|--------|--------|----------------|
| 3) Naphthalene             | 10.40 | 128  | 28462    | 1.095  | ng/ul  | 98             |
| 5) 2-Methylnaphthalene     | 12.02 | 142  | 14931    | 0.803  | ng/ul  | 99             |
| 7) Acenaphthylene          | 13.94 | 152  | 47805    | 1.989  | ng/ul# | 86             |
| 8) Acenaphthene            | 14.28 | 153  | 33814    | 1.604  | ng/ul  | 98             |
| 9) Fluorene                | 15.27 | 166  | 76625    | 2.983  | ng/ul  | 100            |
| 12) Phenanthrene           | 17.01 | 178  | 479993   | 11.024 | ng/ul  | 100            |
| 13) Anthracene             | 17.10 | 178  | 262375   | 6.925  | ng/ul  | 99             |
| 15) Fluoranthene           | 19.03 | 202  | 1097435  | 23.251 | ng/ul  | 99             |
| 17) Pyrene                 | 19.39 | 202  | 803544   | 11.726 | ng/ul  | 99             |
| 18) Benzo(a)anthracene     | 21.14 | 228  | 522781   | 9.578  | ng/ul  | 98             |
| 19) Chrysene               | 21.19 | 228  | 437777   | 7.142  | ng/ul  | 98             |
| 21) Benzo(b)fluoranthene   | 22.67 | 252  | 562670m  | 8.421  | ng/ul  | } Jan 03/20/20 |
| 22) Benzo(k)fluoranthene   | 22.71 | 252  | 230801m  | 3.297  | ng/ul  |                |
| 23) Benzo(a)pyrene         | 23.22 | 252  | 359583m  | 6.481  | ng/ul  |                |
| 24) Indeno(1,2,3-cd)pyrene | 25.43 | 276  | 207320   | 2.754  | ng/ul# | 100            |
| 25) Dibenzo(a,h)anthracene | 25.44 | 278  | 67874    | 1.072  | ng/ul  | 98             |
| 26) Benzo(a,h,i)perylene   | 26.08 | 276  | 127460   | 1.952  | ng/ul  | 98             |

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