

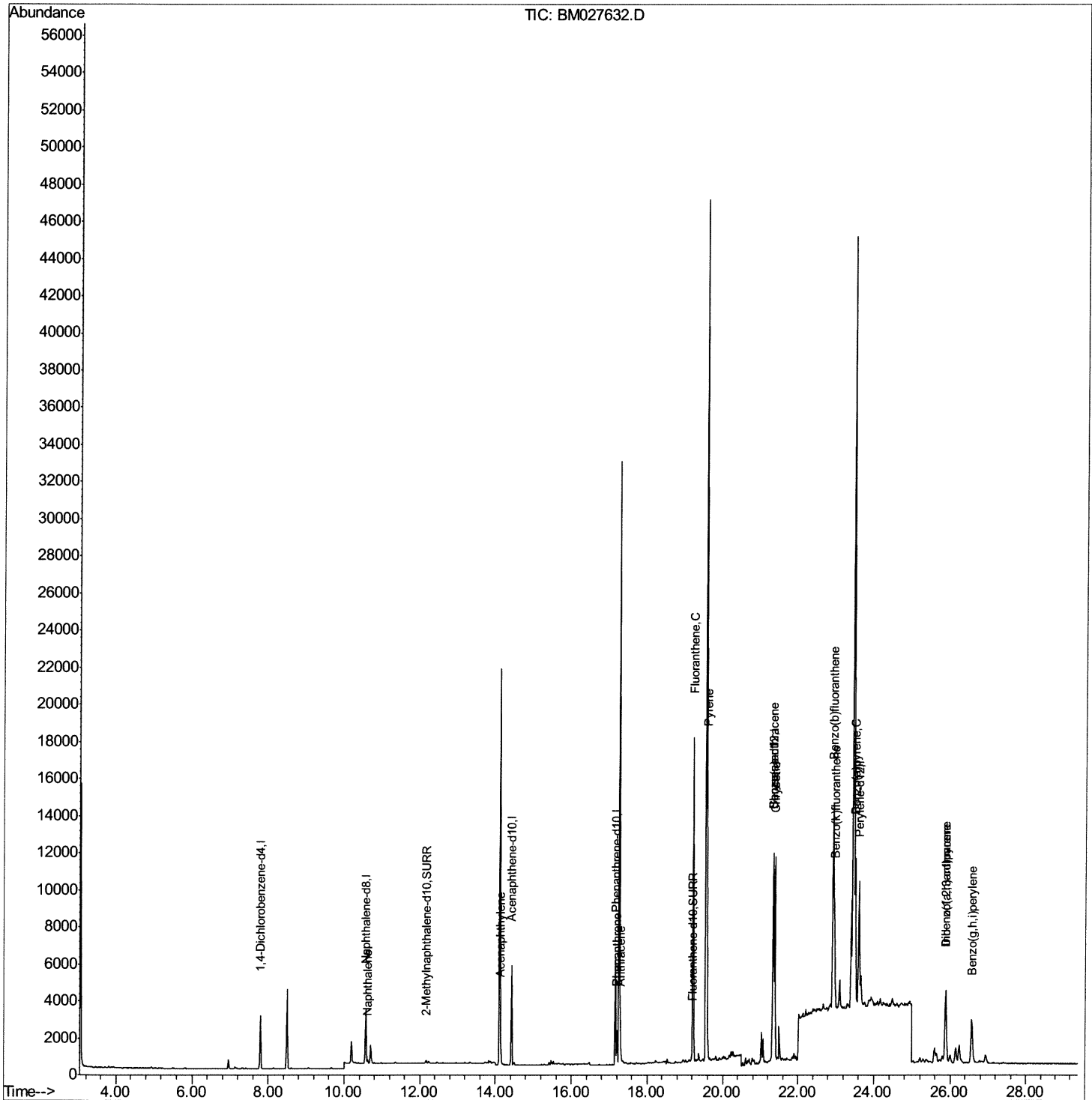
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\  
Data File : BM027632.D  
Acq On : 06 Oct 2020 11:28  
Operator : JU/CG  
Sample : L4166-01DL 5X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB4DL

Manual Integrations  
APPROVED

mohammad  
10/6/2020 3:24:44 PM

Quant Time: Oct 06 12:09:45 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM092320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 05 10:43:07 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

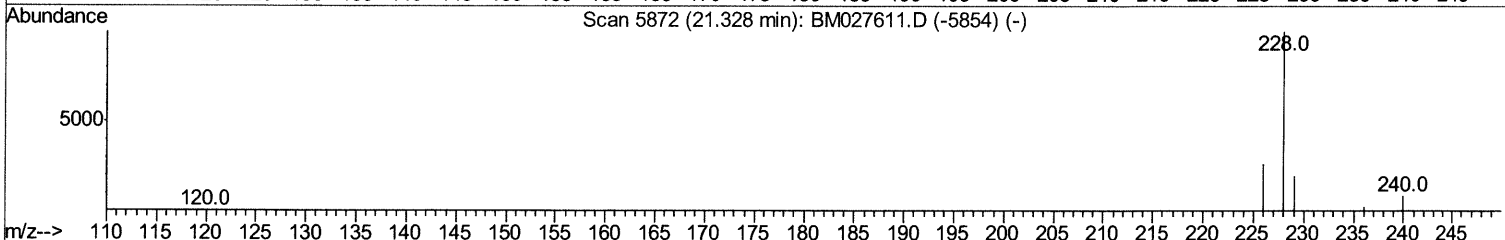
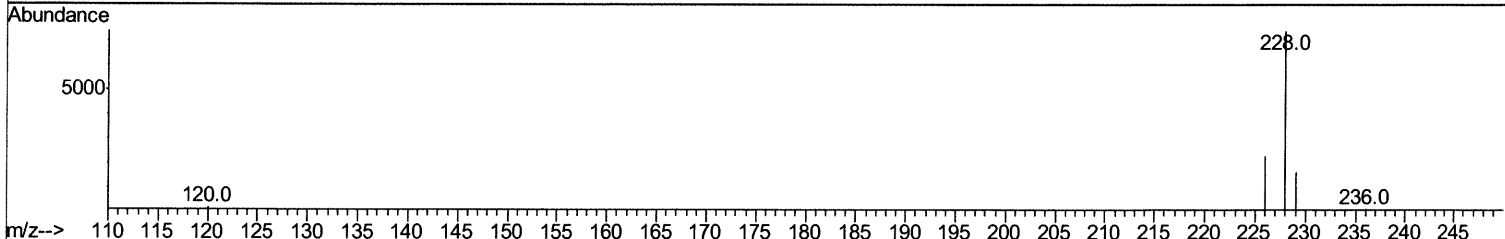
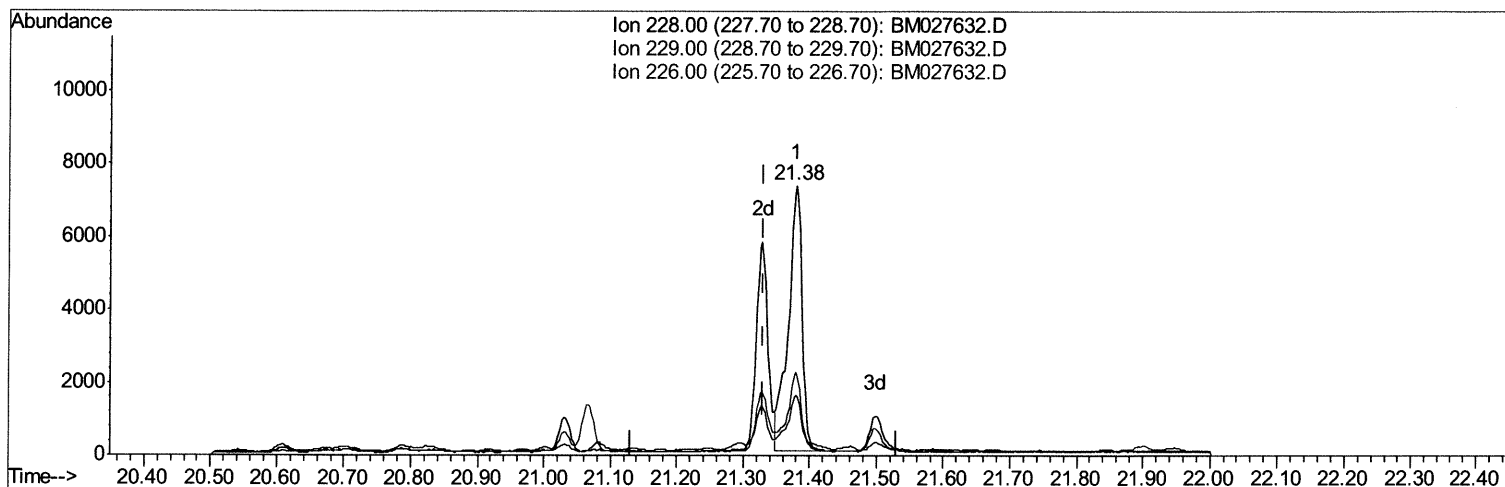
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TIC: BM027632.D

(18) Benzo(a)anthracene  
 21.379min (+0.048) 0.33ng/ul  
 response 10602  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 19.50 | 22.41 |
| 226.00 | 27.30 | 30.99 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

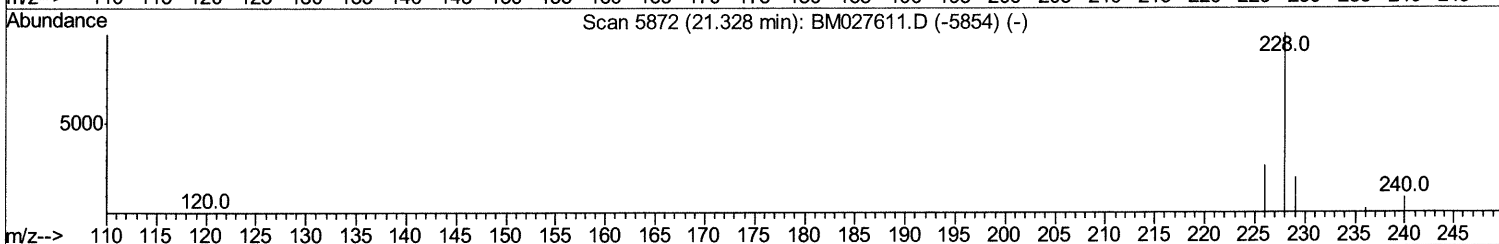
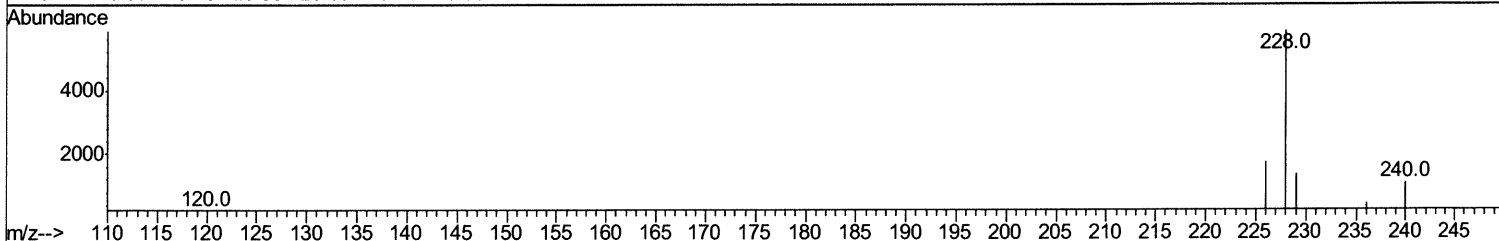
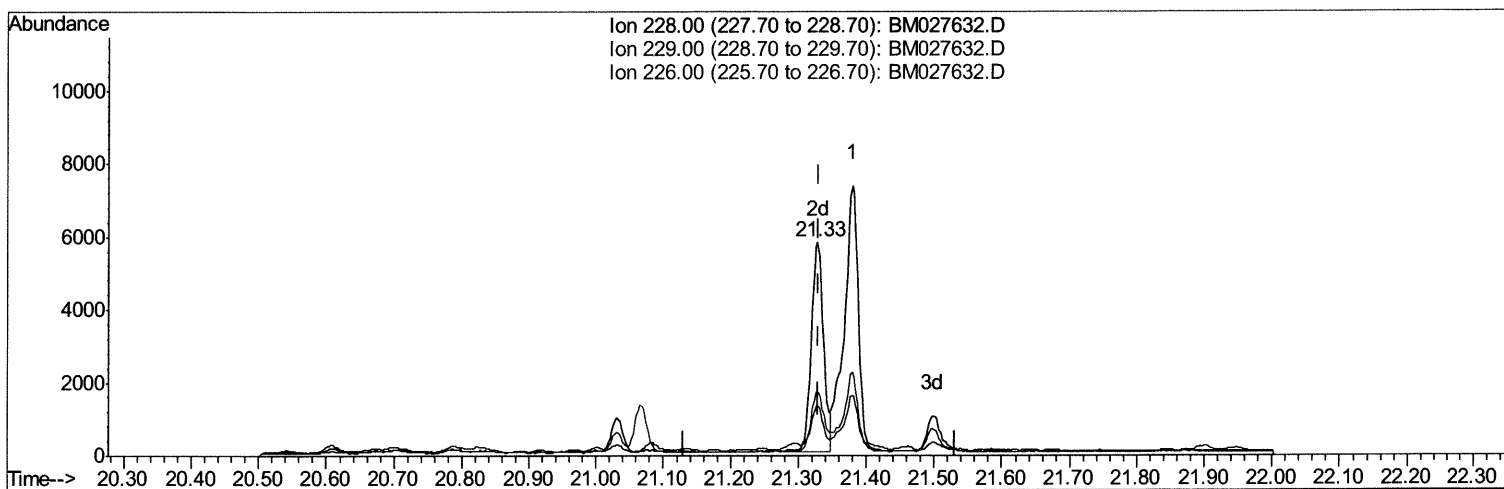
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\  
Data File : BM027632.D  
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TIC: BM027632.D

(18) Benzo(a)anthracene

21.328min (-0.003) 0.22ng/ul m 10/07/20 JU

response 7214

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 19.50 | 23.53# |
| 226.00 | 27.30 | 30.12  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

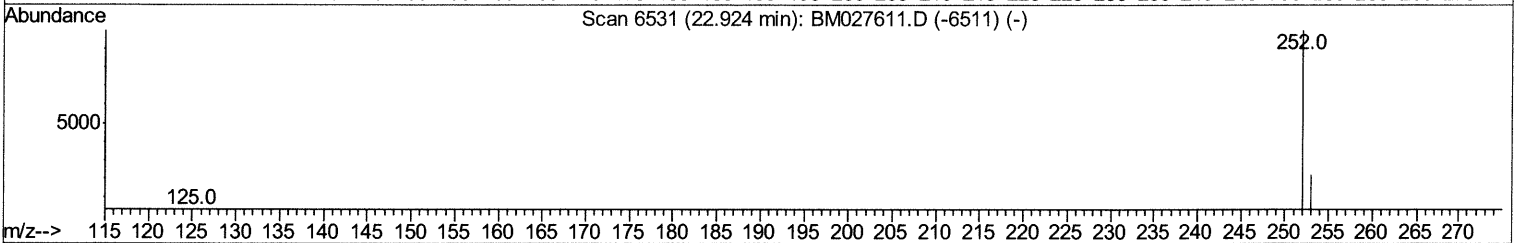
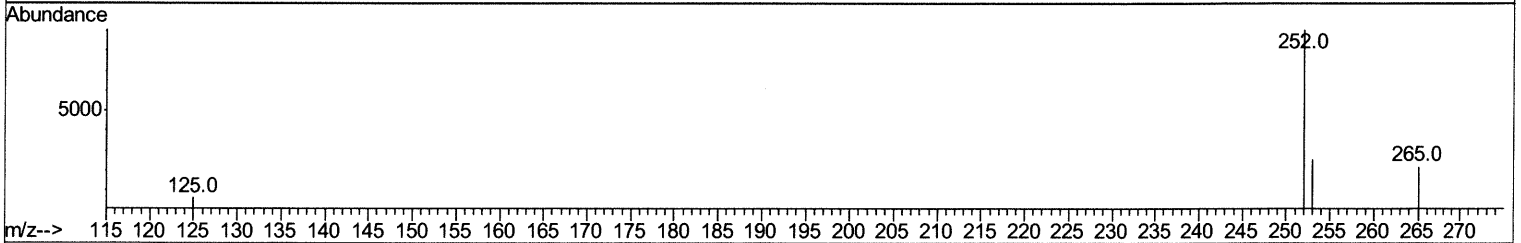
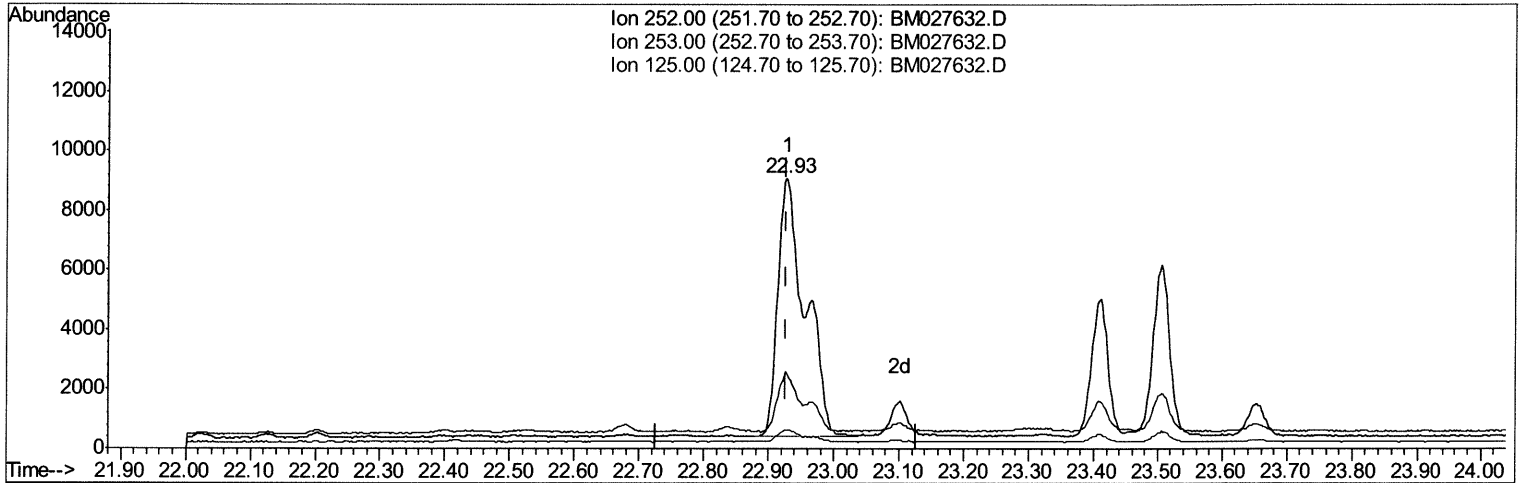
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\  
 Data File : BM027632.D  
 Acq On : 06 Oct 2020 11:28  
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 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AB4DL

Manual Integrations  
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TIC: BM027632.D

(21) Benzo(b)fluoranthene  
 22.929min (+0.002) 0.74ng/ul  
 response 25310  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.10 | 27.74 |
| 125.00 | 5.30  | 6.79  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

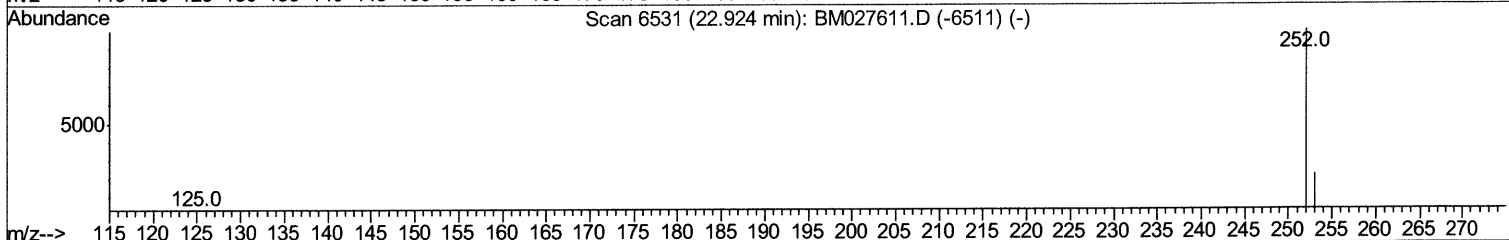
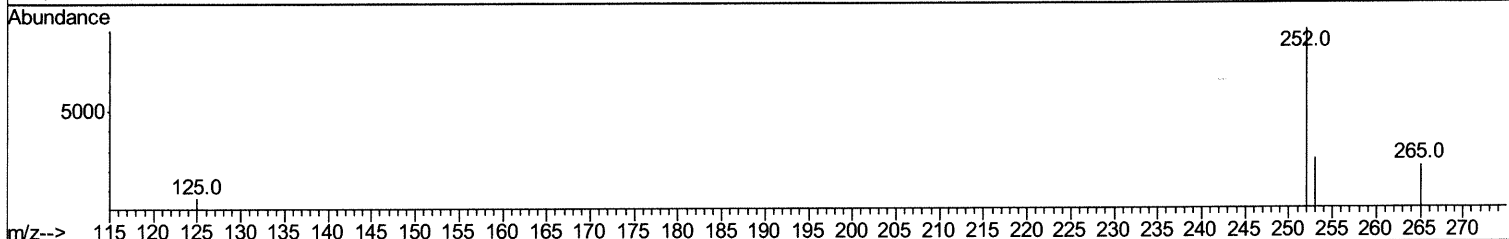
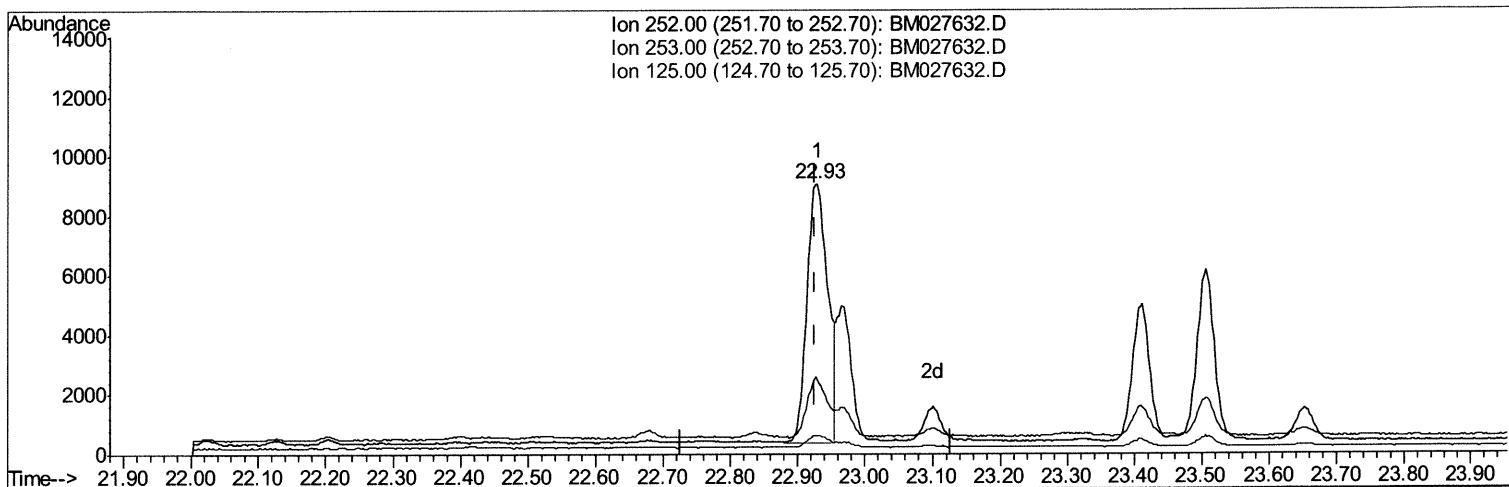
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\  
 Data File : BM027632.D  
 Acq On : 06 Oct 2020 11:28  
 Operator : JU/CG  
 Sample : L4166-01DL 5X  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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TIC: BM027632.D

(21) Benzo(b)fluoranthene

22.929min (+0.002) 0.52ng/ul m 10/07/20 JU

response 18042

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.10 | 27.74 |
| 125.00 | 5.30  | 6.79  |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

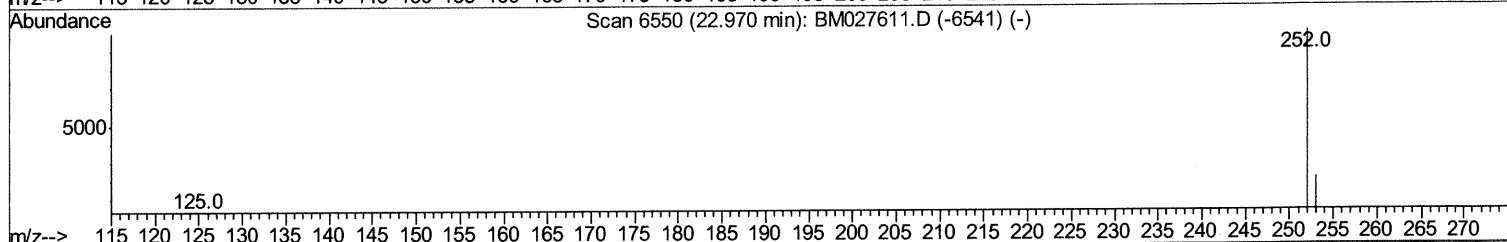
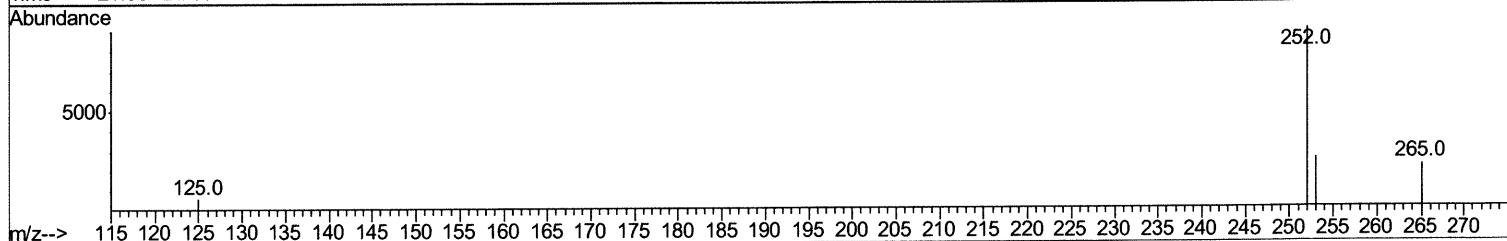
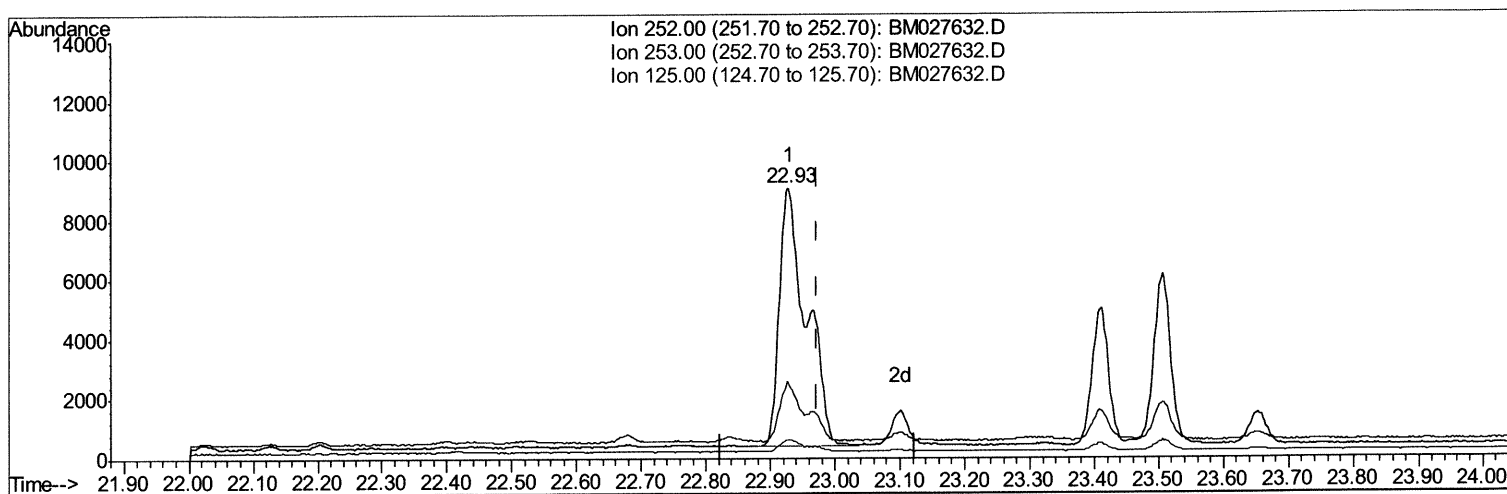
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\  
Data File : BM027632.D  
Acq On : 06 Oct 2020 11:28  
Operator : JU/CG  
Sample : L4166-01DL 5X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB4DL

Manual Integrations  
APPROVED

mohammad  
10/6/2020 3:24:44 PM

Quant Time: Oct 06 12:07:52 2020  
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Response via : Initial Calibration



TIC: BM027632.D

(22) Benzo(k)fluoranthene  
22.929min (-0.044) 0.71ng/ul  
response 25310

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.90 | 27.74 |
| 125.00 | 6.20  | 6.79  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

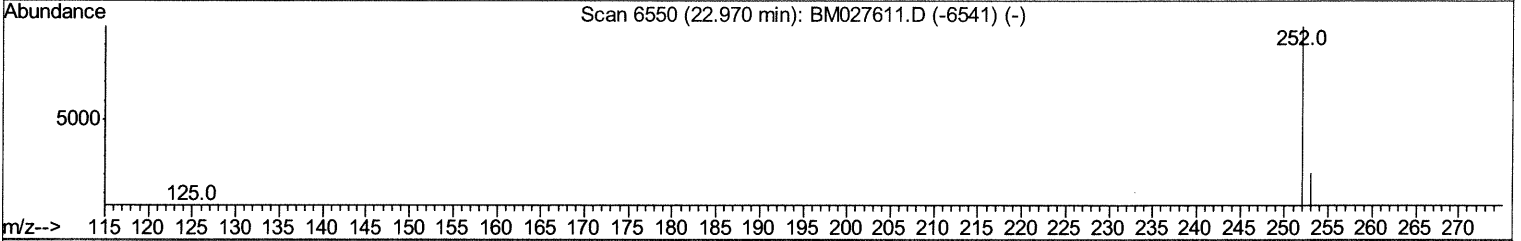
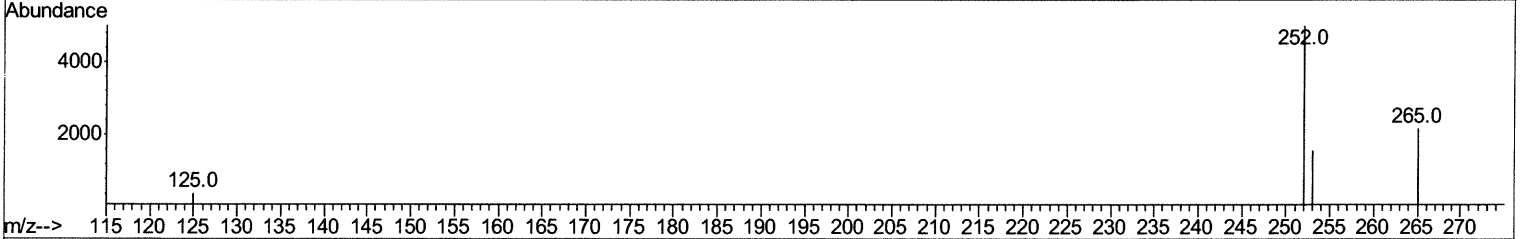
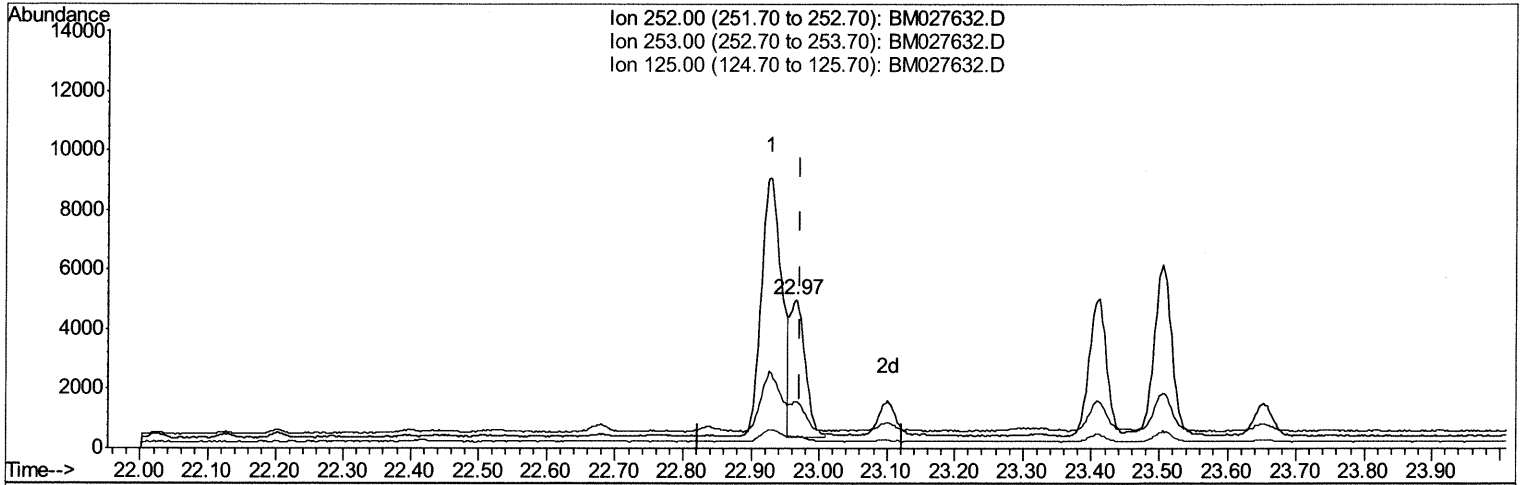
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 Data File : BM027632.D  
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 Sample : L4166-01DL 5X  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
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TIC: BM027632.D

(22) Benzo(k)fluoranthene

22.965min (-0.007) 0.20ng/ul m 10/07/20 JU

response 7311

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.90 | 31.21# |
| 125.00 | 6.20  | 7.84#  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\  
 Data File : BM027632.D  
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 Operator : JU/CG  
 Sample : L4166-01DL 5X  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.80  | 152  | 1445     | 0.40  | ng/ul  | 0.00      |
| 2) Naphthalene-d8           | 10.57 | 136  | 4155     | 0.40  | ng/ul  | 0.00      |
| 6) Acenaphthene-d10         | 14.42 | 164  | 2951     | 0.40  | ng/ul  | 0.00      |
| 10) Phenanthrene-d10        | 17.16 | 188  | 7510     | 0.40  | ng/ul  | 0.00      |
| 16) Chrysene-d12            | 21.35 | 240  | 8270     | 0.40  | ng/ul  | 0.00      |
| 20) Perylene-d12            | 23.60 | 264  | 8537     | 0.40  | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 4) 2-Methylnaphthalene-d10  | 12.17 | 152  | 193      | 0.03  | ng/ul  | 0.00      |
| 14) Fluoranthene-d10        | 19.19 | 212  | 600      | 0.03  | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
|                             |       |      |          |       | Ovalue |           |
| 3) Naphthalene              | 10.62 | 128  | 265      | 0.022 | ng/ul# | 53        |
| 7) Acenaphthylene           | 14.14 | 152  | 665      | 0.044 | ng/ul# | 80        |
| 12) Phenanthrene            | 17.21 | 178  | 1856     | 0.080 | ng/ul# | 91        |
| 13) Anthracene              | 17.30 | 178  | 1243     | 0.055 | ng/ul# | 85        |
| 15) Fluoranthene            | 19.22 | 202  | 16063    | 0.576 | ng/ul  | 97        |
| 17) Pyrene                  | 19.58 | 202  | 14298    | 0.379 | ng/ul# | 96        |
| 18) Benzo(a)anthracene      | 21.33 | 228  | 7214m>   | 0.222 | ng/ul> | 10/6/2020 |
| 19) Chrysene                | 21.38 | 228  | 10602    | 0.316 | ng/ul  | 97        |
| 21) Benzo(b)fluoranthene    | 22.93 | 252  | 18042m   | 0.525 | ng/ul  | 3         |
| 22) Benzo(k)fluoranthene    | 22.97 | 252  | 7311m    | 0.204 | ng/ul  | 3         |
| 23) Benzo(a)pyrene          | 23.51 | 252  | 10265    | 0.333 | ng/ul# | 89        |
| 24) Indeno(1,2,3-cd)pyrene  | 25.88 | 276  | 6588     | 0.166 | ng/ul# | 96        |
| 25) Dibenzo(a,h)anthracene  | 25.89 | 278  | 2145     | 0.066 | ng/ul# | 56        |
| 26) Benzo(a,h,i)perylene    | 26.57 | 276  | 5377     | 0.161 | ng/ul  | 94        |

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