

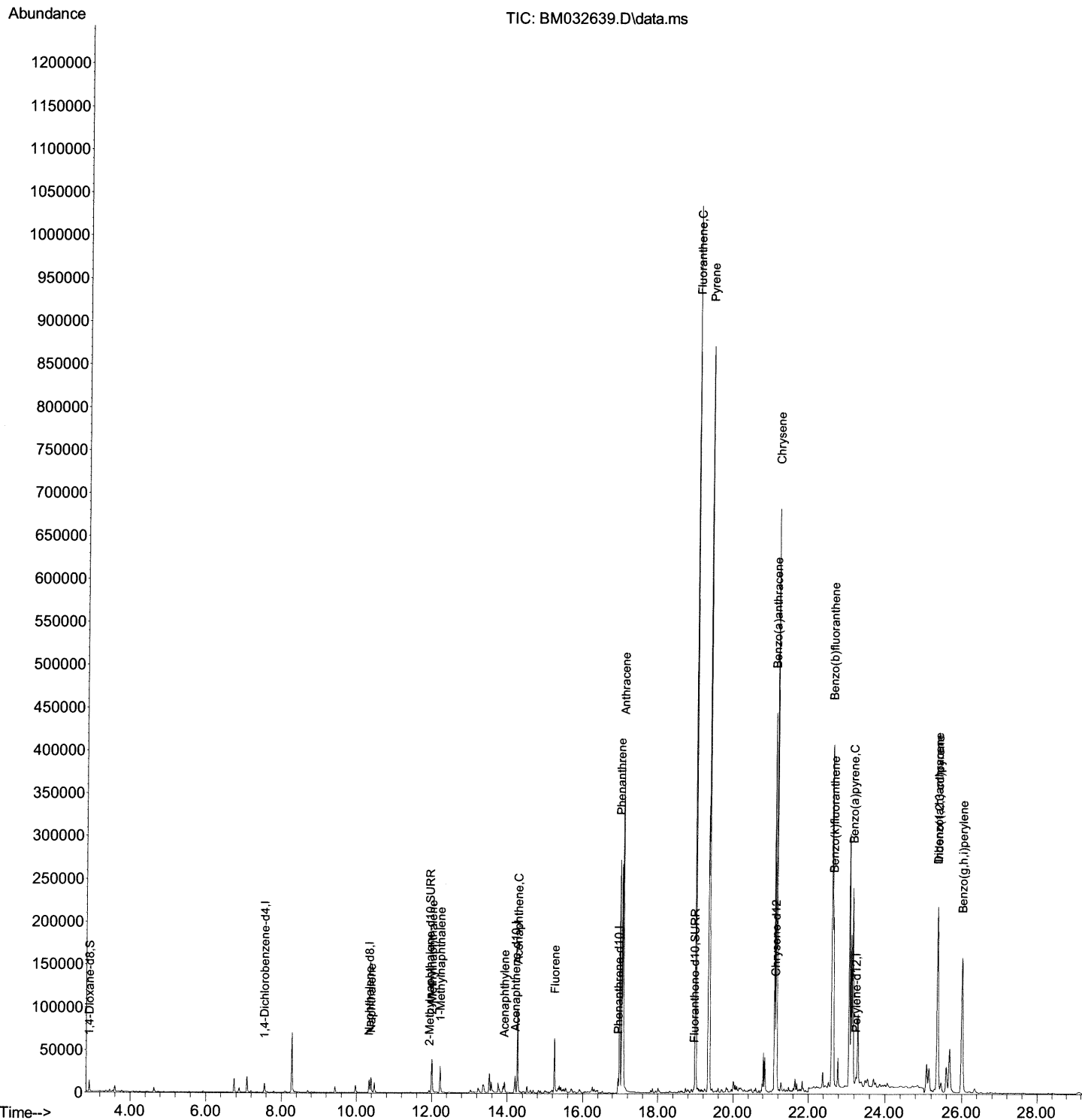
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101921\  
Data File : BM032639.D  
Acq On : 21 Oct 2021 03:58  
Operator : CG/JU  
Sample : M4207-10  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0B23

Manual Integrations  
APPROVED

mohammad  
10/21/2021 11:17:35 AM

Quant Time: Oct 21 05:11:22 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM101421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Qlast Update : Wed Oct 20 16:33:56 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

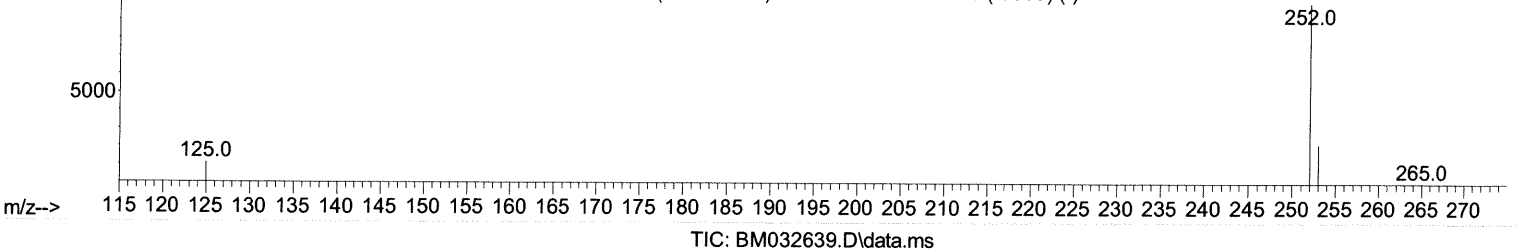
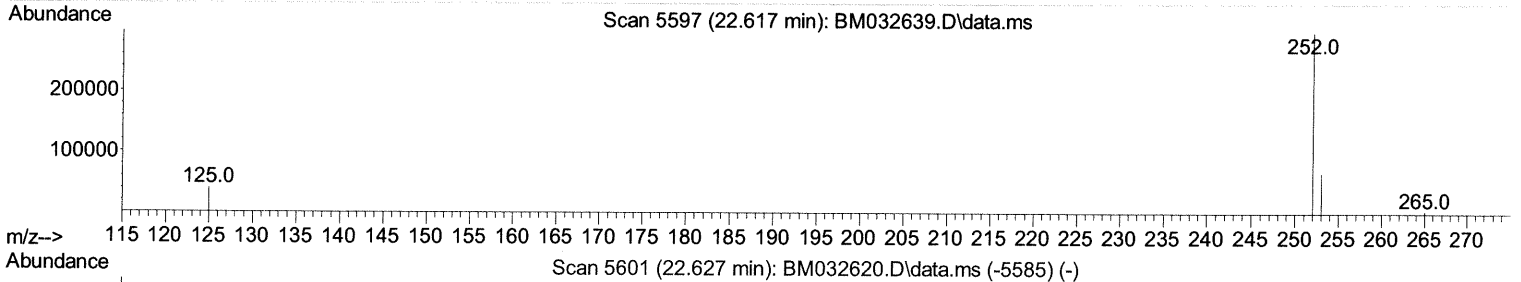
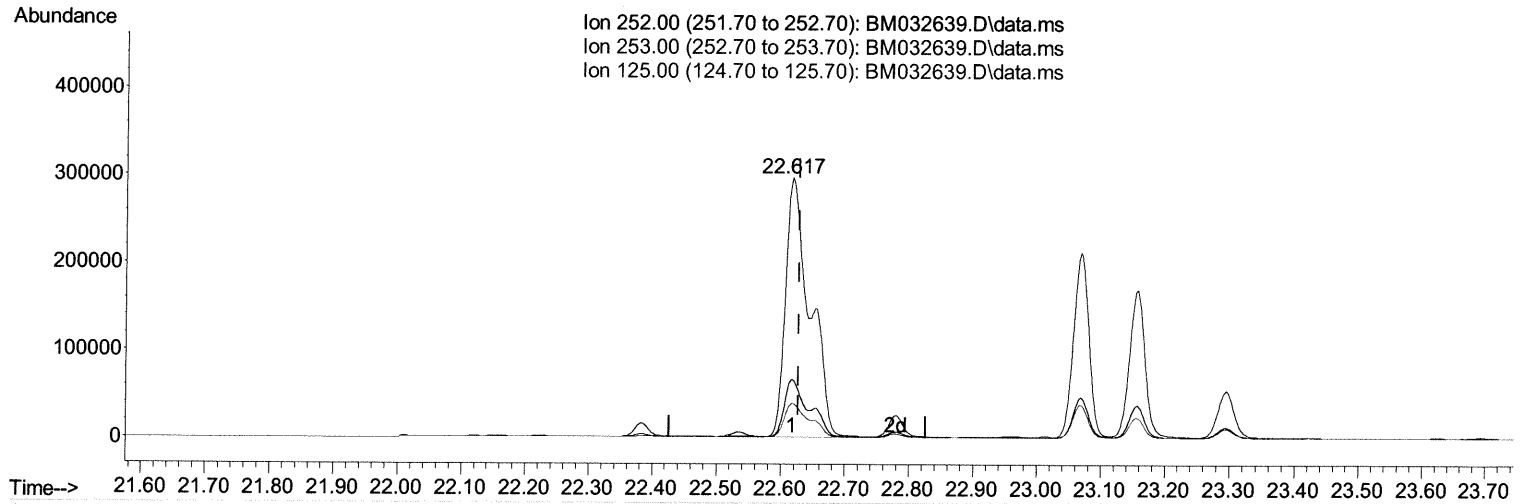
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## (24) Benzo(b)fluoranthene

22.617min (-0.010) 14.28 ng/ul

response 780519

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.90  | 22.53  |
| 125.00 | 17.80  | 13.25  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

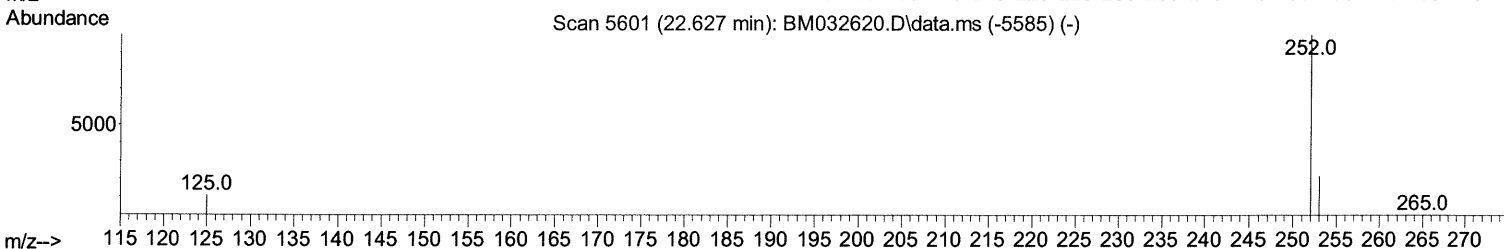
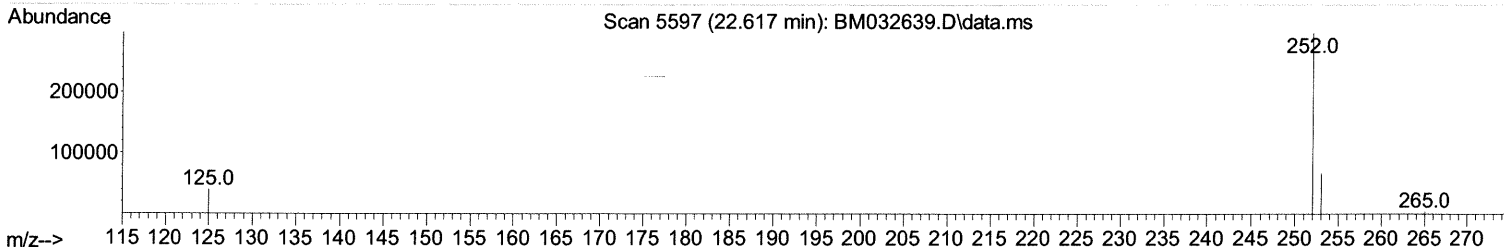
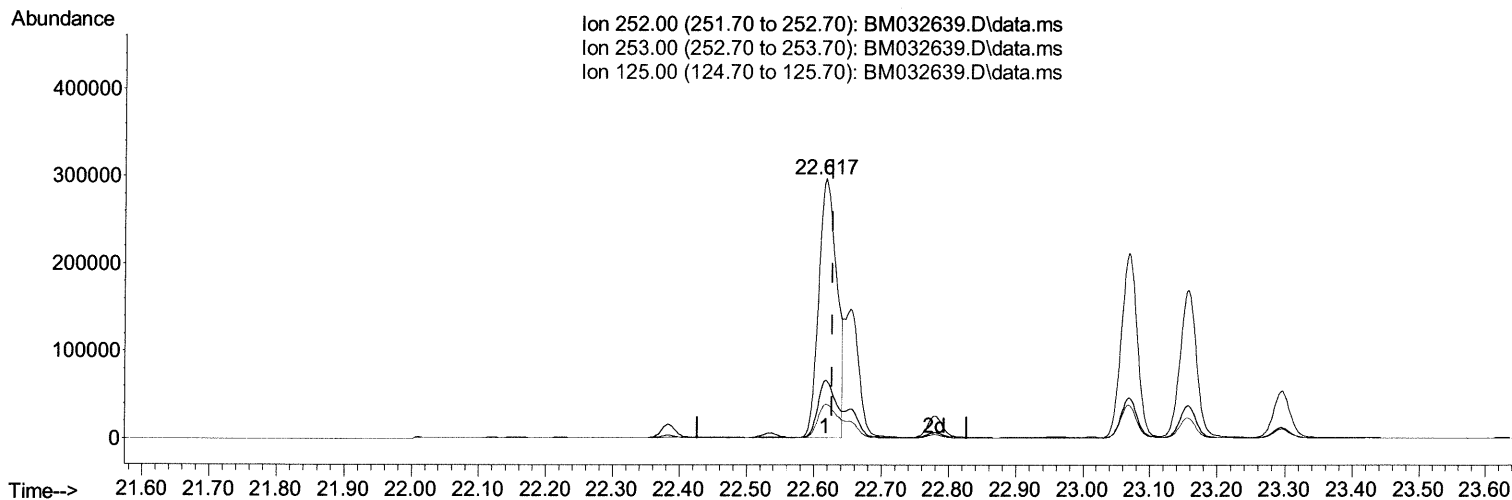
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101921\  
 Data File : BM032639.D  
 Acq On : 21 Oct 2021 03:58  
 Operator : CG/JU  
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TIC: BM032639.D\data.ms

## (24) Benzo(b)fluoranthene

22.617min (-0.010) 10.18 ng/ul m 10/22/21 JU

response 556262

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.90  | 22.53  |
| 125.00 | 17.80  | 13.25  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

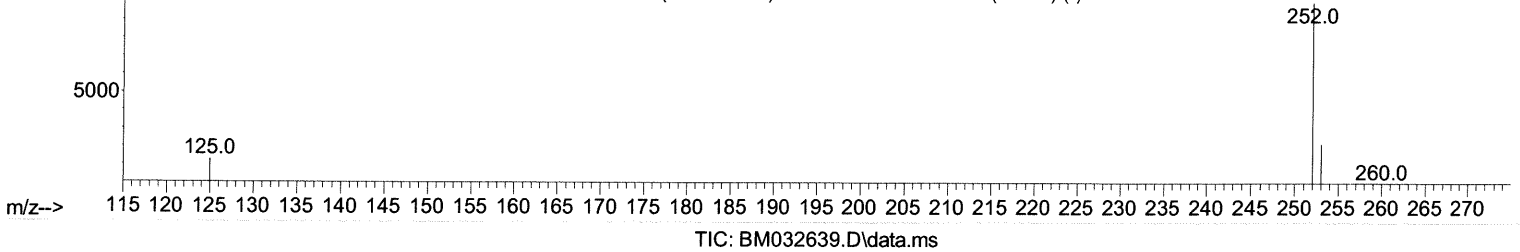
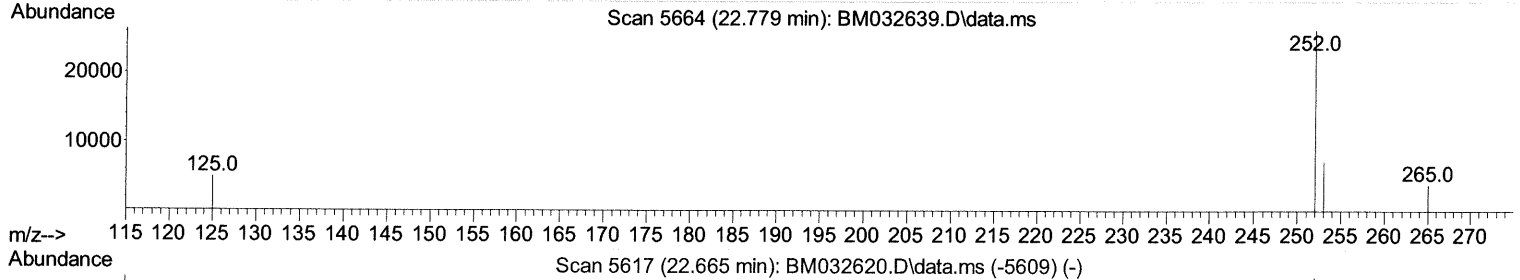
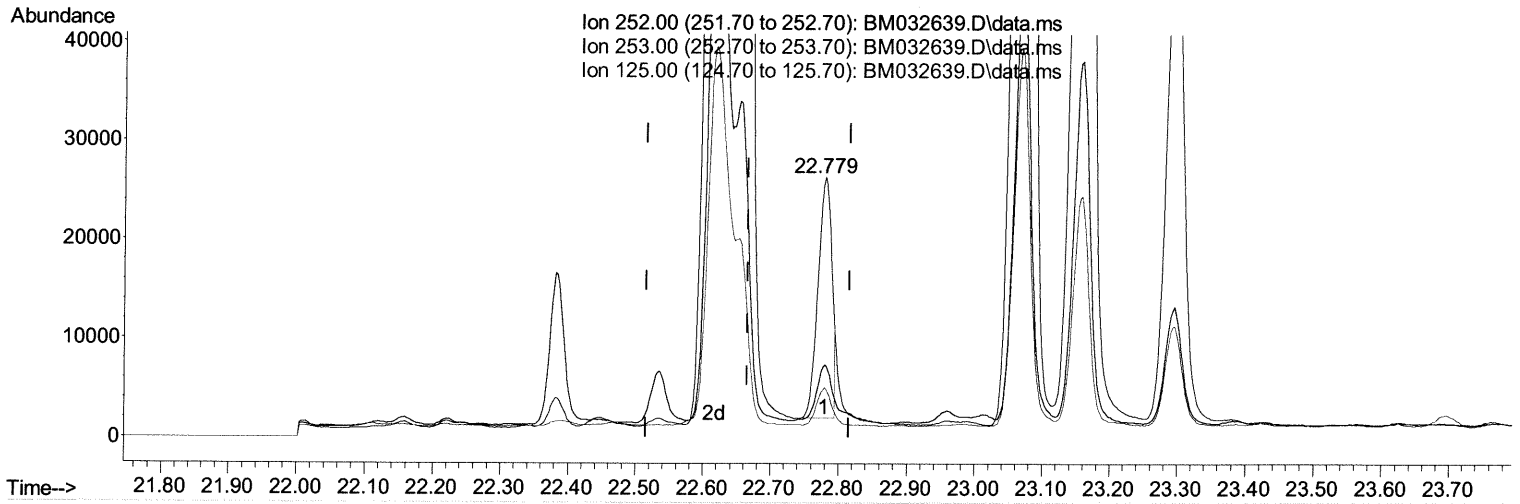
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101921\  
 Data File : BM032639.D  
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 ALS Vial : 58 Sample Multiplier: 1

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## (25) Benzo(k)fluoranthene

22.779min (+ 0.114) 0.63 ng/ul

response 34547

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.20  | 27.85  |
| 125.00 | 18.00  | 19.17  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

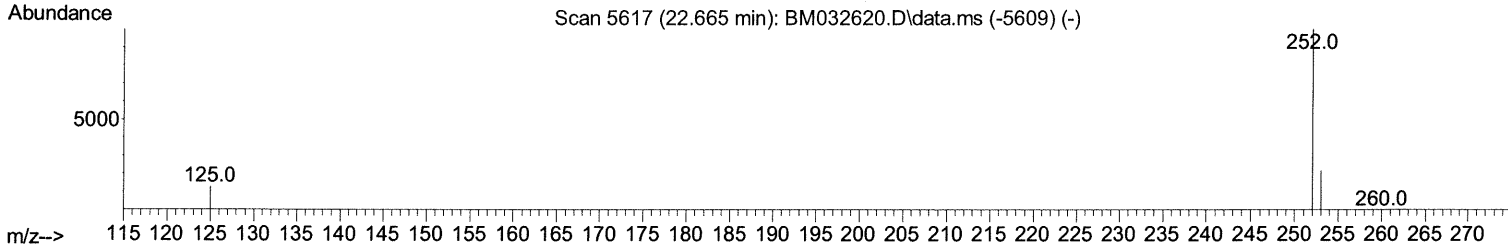
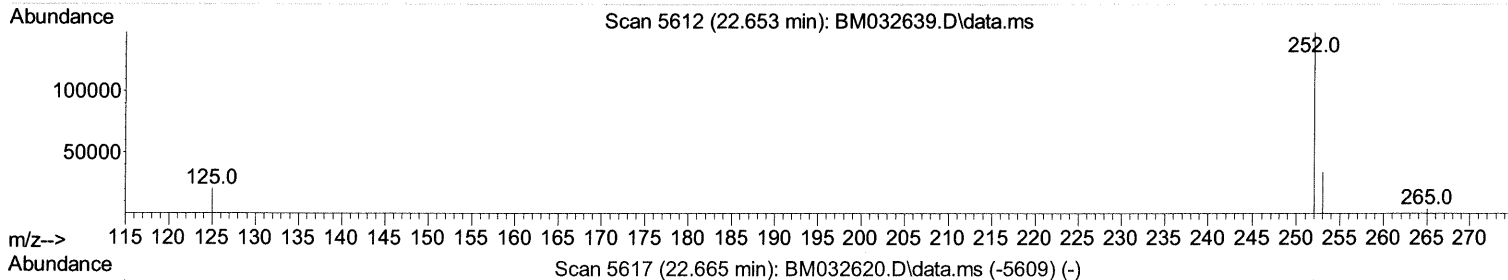
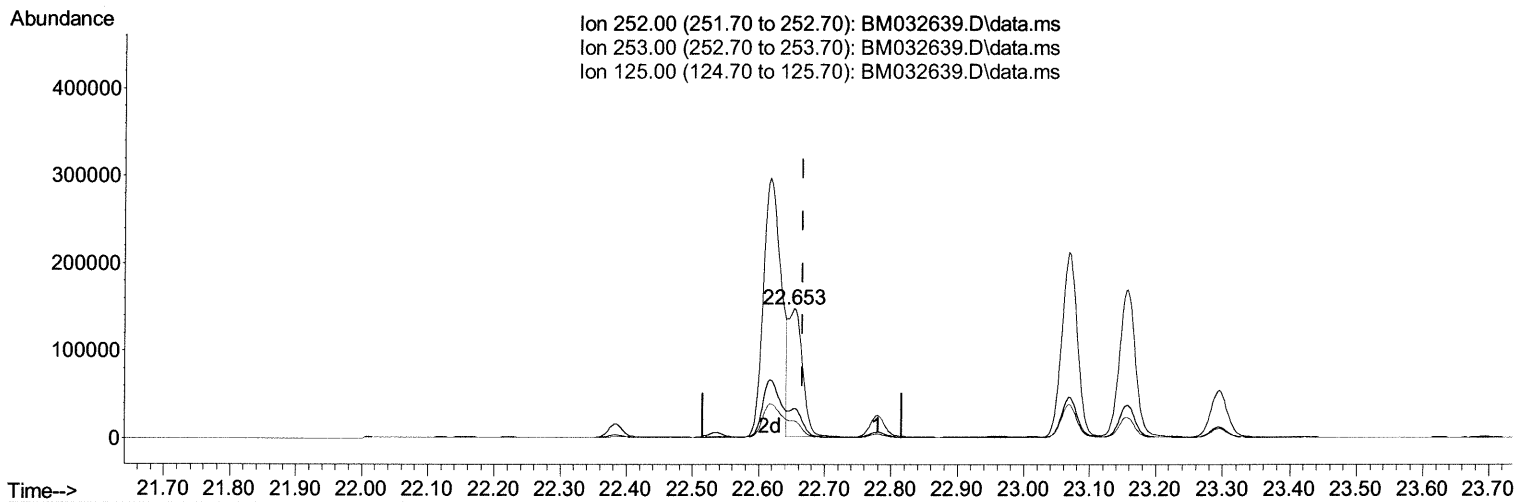
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101921\  
 Data File : BM032639.D  
 Acq On : 21 Oct 2021 03:58  
 Operator : CG/JU  
 Sample : M4207-10  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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mohammad  
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## (25) Benzo(k)fluoranthene

22.653min (-0.012) 4.08 ng/ul m 10/22/21 JU

response 222229

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.20  | 22.88  |
| 125.00 | 18.00  | 13.55# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

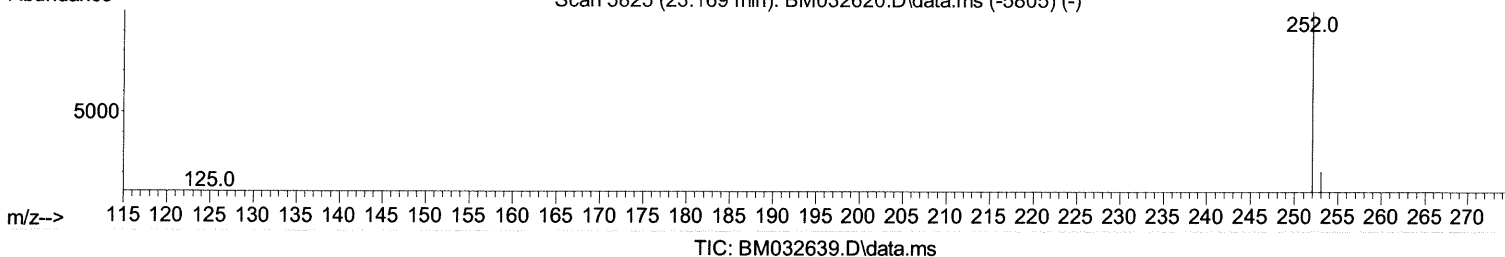
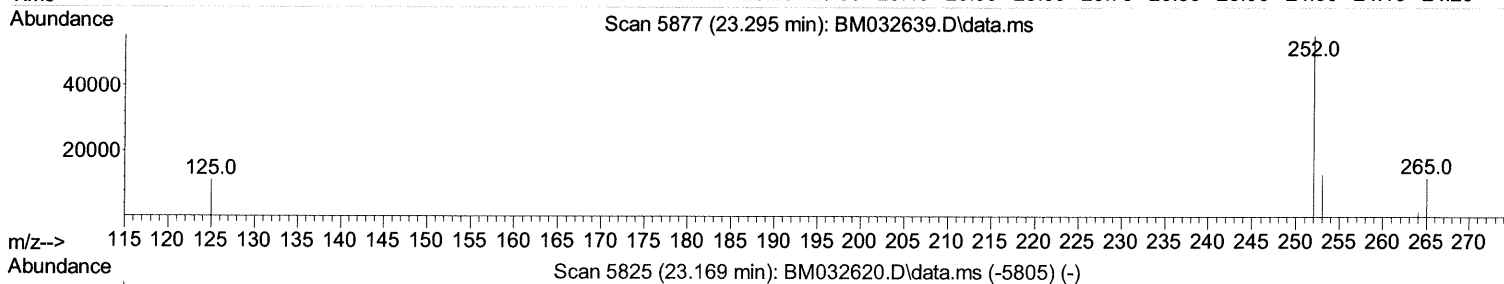
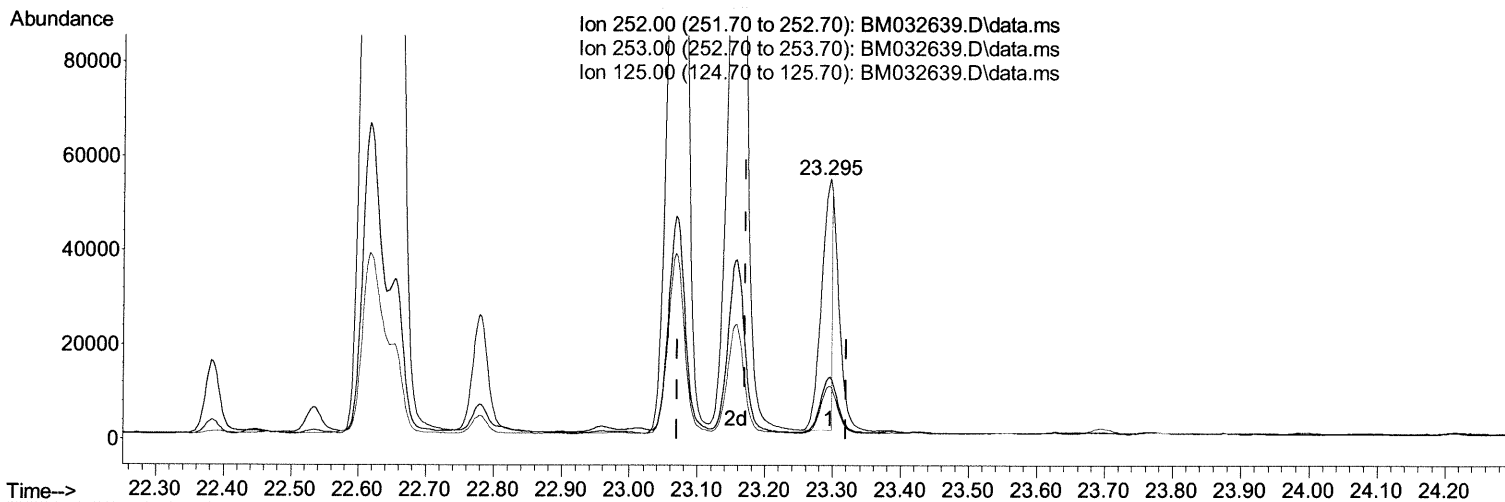
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101921\  
 Data File : BM032639.D  
 Acq On : 21 Oct 2021 03:58  
 Operator : CG/JU  
 Sample : M4207-10  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B23

Manual Integrations  
 APPROVED

mohammad  
 10/21/2021 11:17:35 AM

Quant Time: Oct 21 05:11:22 2021  
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TIC: BM032639.D\data.ms

## (26) Benzo(a)pyrene (C)

23.295min (+ 0.126) 1.28 ng/u1

response 58445

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.50  | 23.95  |
| 125.00 | 21.40  | 20.48  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

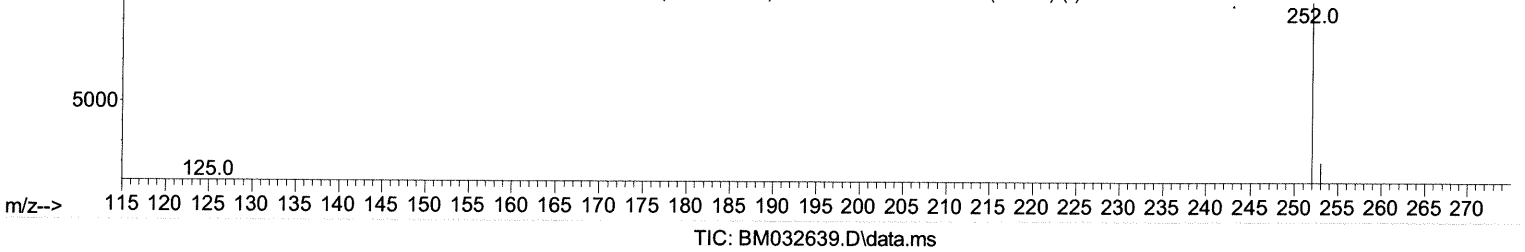
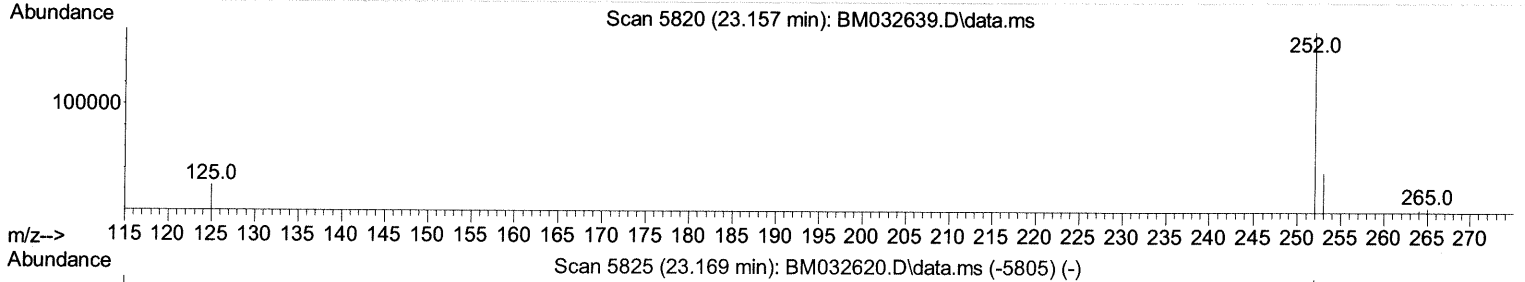
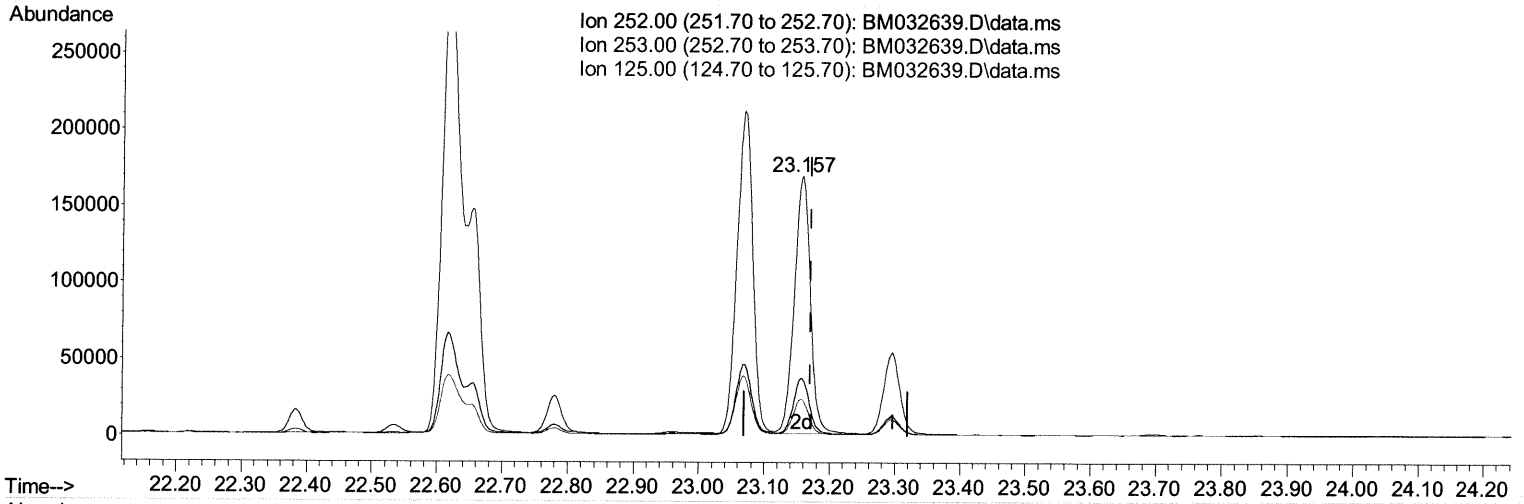
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101921\  
 Data File : BM032639.D  
 Acq On : 21 Oct 2021 03:58  
 Operator : CG/JU  
 Sample : M4207-10  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B23

Manual Integrations  
 APPROVED

mohammad  
 10/21/2021 11:17:35 AM

Quant Time: Oct 21 05:11:22 2021  
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 Response via : Initial Calibration



(26) Benzo(a)pyrene (C)

23.157min (-0.012) 6.29 ng/ul m 10/22/21 ju

response 288062

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.50  | 22.34# |
| 125.00 | 21.40  | 14.34# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101921\  
 Data File : BM032639.D  
 Acq On : 21 Oct 2021 03:58  
 Operator : CG/JU  
 Sample : M4207-10  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B23

Manual Integrations  
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mohammad  
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 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min)      |
|-----------------------------|--------|------|----------|--------|--------|---------------|
| Internal Standards          |        |      |          |        |        |               |
| 1) 1,4-Dichlorobenzene-d4   | 7.553  | 152  | 5950     | 0.400  | ng/ul  | 0.00          |
| 4) Naphthalene-d8           | 10.335 | 136  | 19678    | 0.400  | ng/ul  | 0.00          |
| 9) Acenaphthene-d10         | 14.206 | 164  | 10328    | 0.400  | ng/ul  | 0.00          |
| 13) Phenanthrene-d10        | 16.943 | 188  | 18475    | 0.400  | ng/ul  | # 0.00        |
| 17) Chrysene-d12            | 21.116 | 240  | 12326    | 0.400  | ng/ul  | 0.00          |
| 23) Perylene-d12            | 23.249 | 264  | 11828    | 0.400  | ng/ul  | #-0.01        |
| System Monitoring Compounds |        |      |          |        |        |               |
| 3) 1,4-Dioxane-d8           | 2.920  | 96   | 7472     | 1.120  | ng/ul  | 0.00          |
| 6) 2-Methylnaphthalene-d10  | 11.936 | 152  | 3471     | 0.132  | ng/ul  | 0.00          |
| 18) Fluoranthene-d10        | 18.966 | 212  | 5532     | 0.143  | ng/ul  | 0.00          |
| Target Compounds            |        |      |          |        |        |               |
|                             |        |      |          |        | Qvalue |               |
| 5) Naphthalene              | 10.384 | 128  | 25459    | 0.427  | ng/ul  | 99            |
| 7) 2-Methylnaphthalene      | 12.008 | 142  | 30226    | 0.774  | ng/ul  | 99            |
| 8) 1-Methylnaphthalene      | 12.228 | 142  | 21514    | 0.558  | ng/ul  | 99            |
| 10) Acenaphthylene          | 13.924 | 152  | 11065    | 0.251  | ng/ul  | 98            |
| 11) Acenaphthene            | 14.270 | 153  | 55374    | 1.377  | ng/ul  | 99            |
| 12) Fluorene                | 15.256 | 166  | 38975    | 0.860  | ng/ul  | 98            |
| 15) Phenanthrene            | 16.984 | 178  | 274638   | 4.420  | ng/ul  | 98            |
| 16) Anthracene              | 17.071 | 178  | 391893   | 7.181  | ng/ul  | 99            |
| 19) Fluoranthene            | 18.996 | 202  | 820390   | 13.453 | ng/ul  | 99            |
| 20) Pyrene                  | 19.358 | 202  | 659231   | 10.514 | ng/ul  | 99            |
| 21) Benzo(a)anthracene      | 21.099 | 228  | 339723   | 7.052  | ng/ul  | 99            |
| 22) Chrysene                | 21.150 | 228  | 630751   | 11.902 | ng/ul  | 99            |
| 24) Benzo(b)fluoranthene    | 22.617 | 252  | 556262m  | 10.179 | ng/ul  | } 10/20/21 JU |
| 25) Benzo(k)fluoranthene    | 22.653 | 252  | 222229m  | 4.084  | ng/ul  |               |
| 26) Benzo(a)pyrene          | 23.157 | 252  | 288062m  | 6.289  | ng/ul  |               |
| 27) Indeno(1,2,3-cd)pyrene  | 25.355 | 276  | 299301   | 5.345  | ng/ul# | 91            |
| 28) Dibenzo(a,h)anthracene  | 25.352 | 278  | 82302    | 1.863  | ng/ul  | 95            |
| 29) Benzo(g,h,i)perylene    | 26.002 | 276  | 283977   | 5.819  | ng/ul  | 98            |

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