

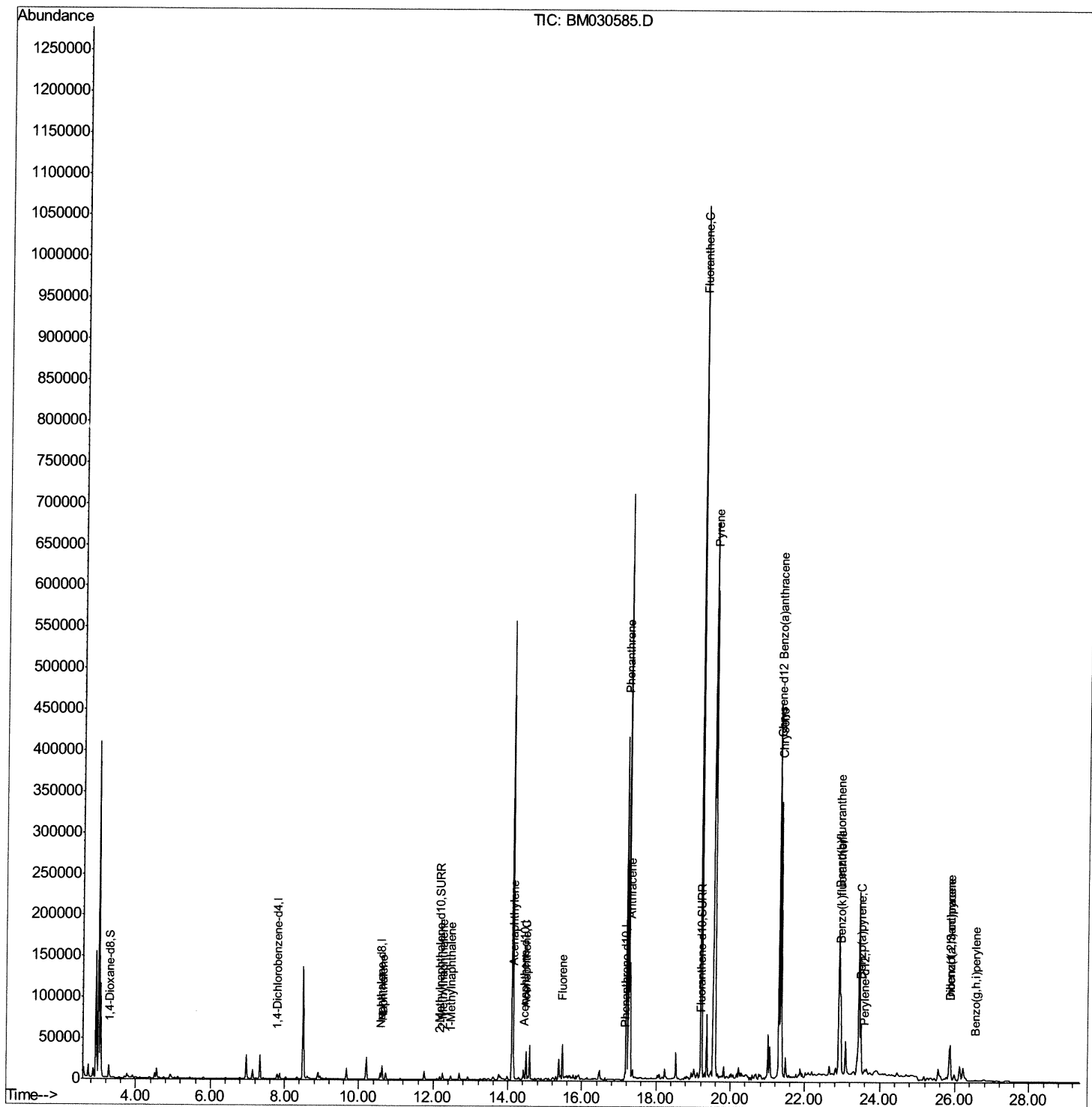
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062421\  
Data File : BM030585.D  
Acq On : 24 Jun 2021 21:05  
Operator : CG/JU  
Sample : M2662-24  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGD98

Manual Integrations  
APPROVED

mohammad  
6/25/2021 1:08:48 PM

Quant Time: Jun 25 02:47:40 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 24 12:48:41 2021  
Response via : Initial Calibration



## Quantitation Report (Qedit)

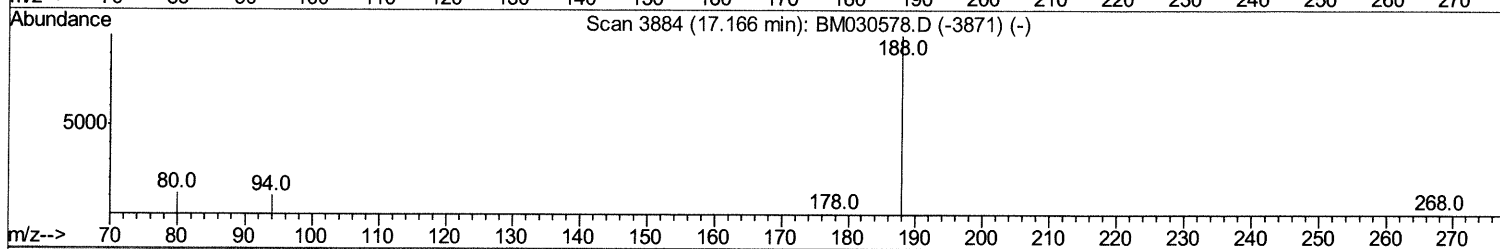
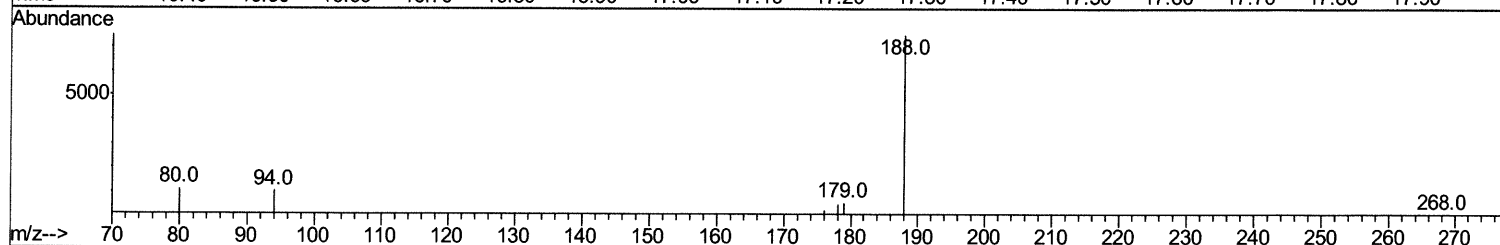
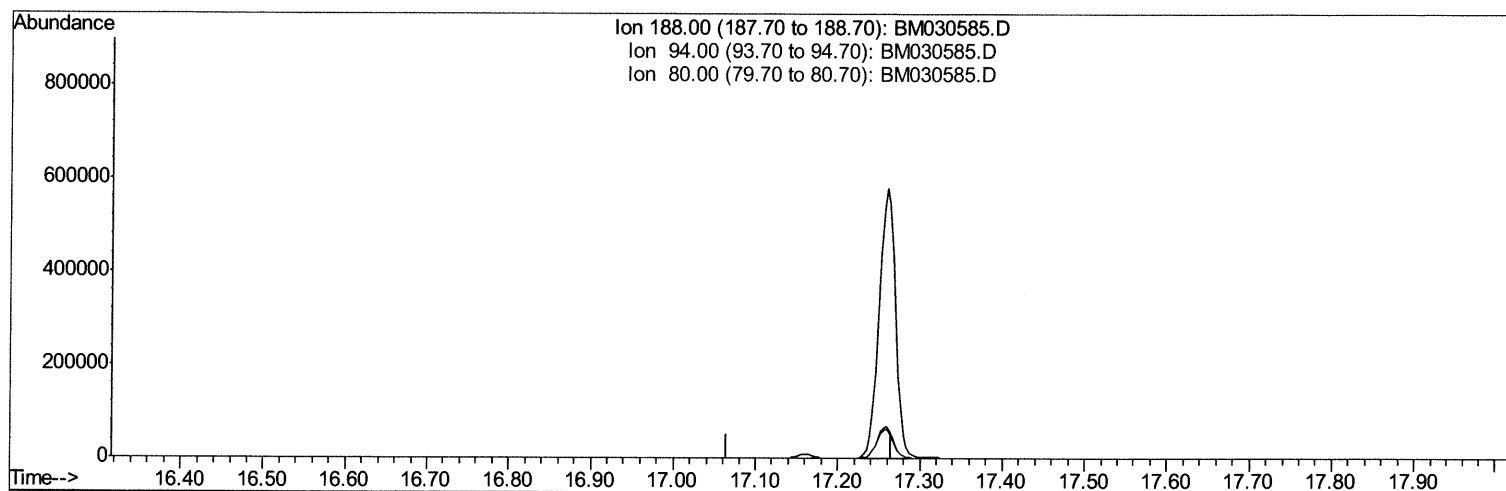
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Manual Integrations  
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Quant Time: Jun 25 02:26:49 2021  
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TIC: BM030585.D

(13) Phenanthrene-d10 (I)

17.166min (-17.166) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 0.00  |
| 94.00  | 10.30 | 0.00# |
| 80.00  | 11.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

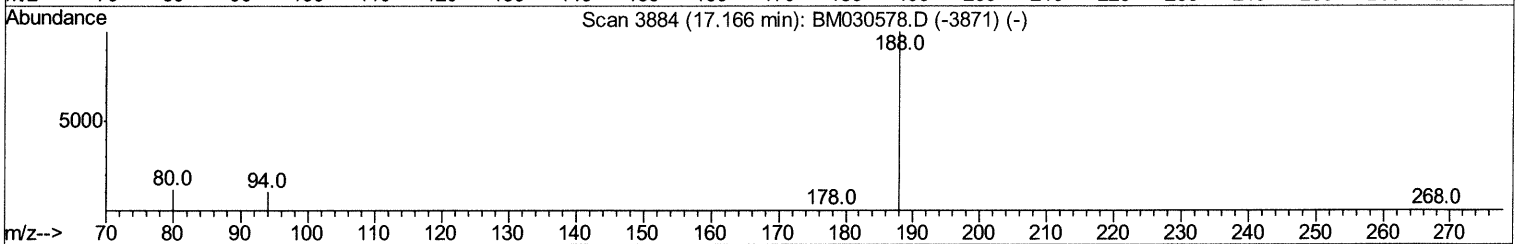
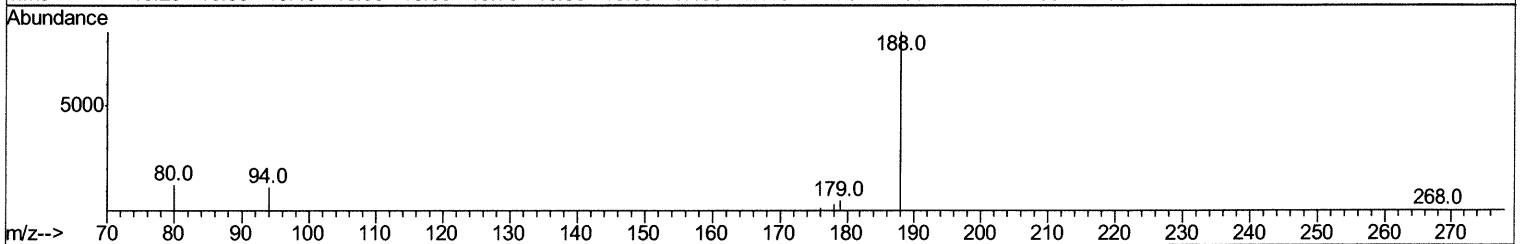
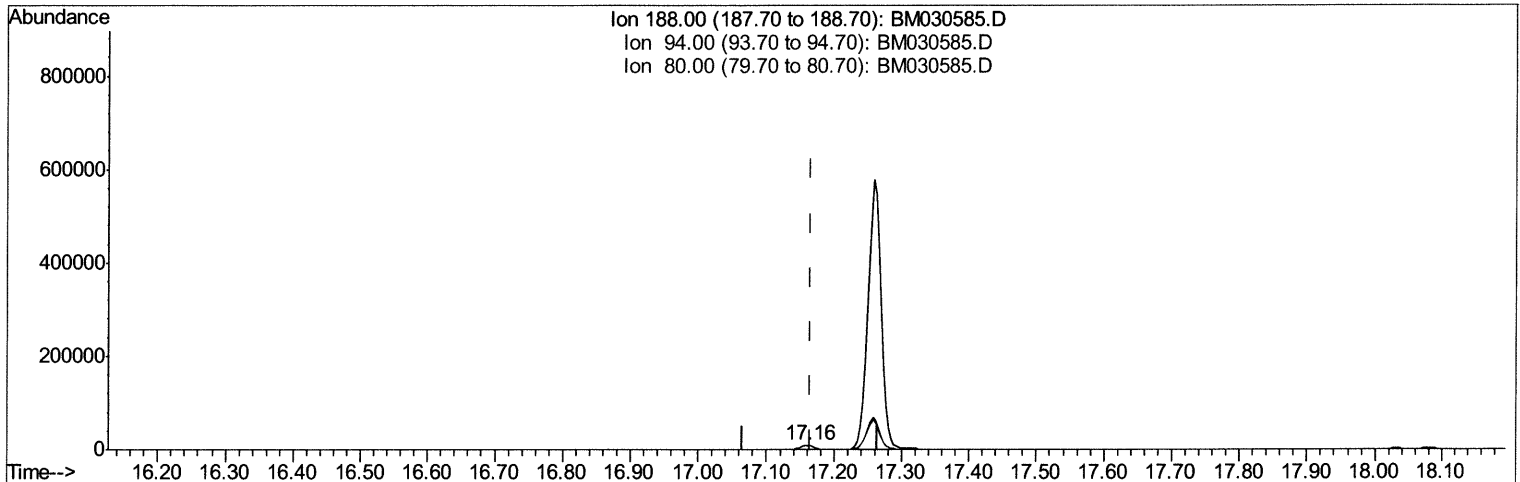
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062421\  
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 Operator : CG/JU  
 Sample : M2662-24  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 BGD98

**Manual Integrations**  
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mohammad  
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TIC: BM030585.D

(13) Phenanthrene-d10 (I)

17.162min (-0.003) 0.40ng/ul m 06/28/21 JU

response 12131

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 10.30 | 13.65# |
| 80.00  | 11.60 | 14.86# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

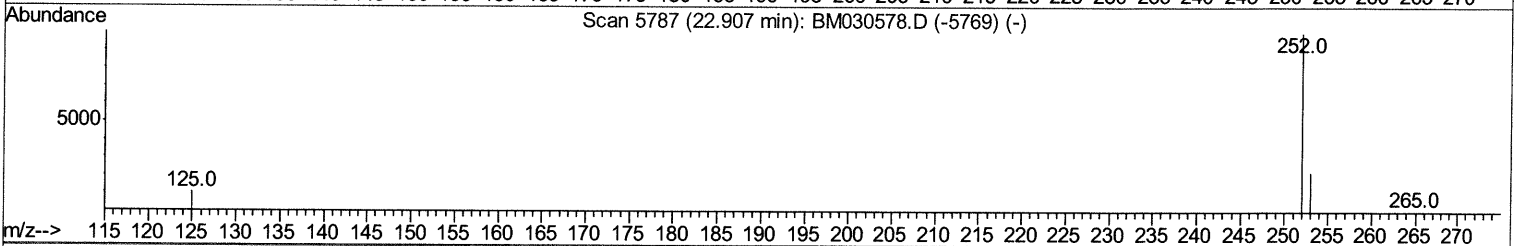
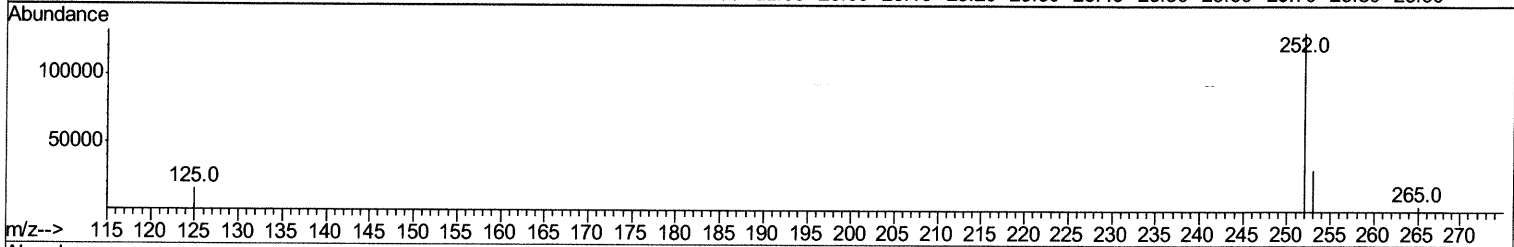
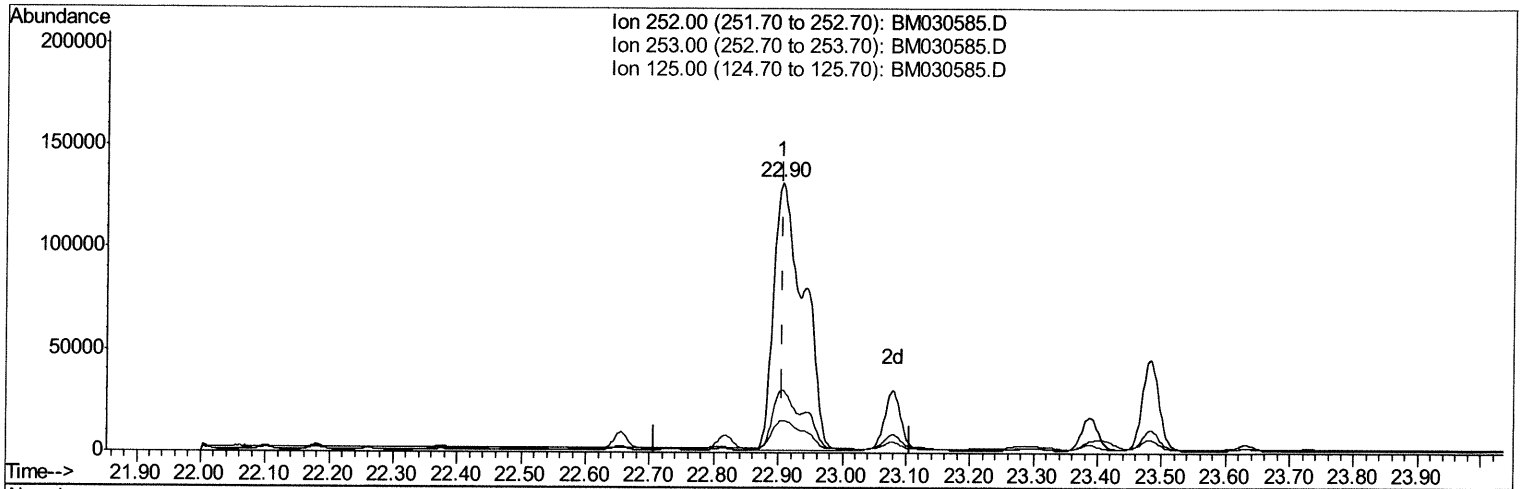
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062421\  
 Data File : BM030585.D  
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 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 BGD98

**Manual Integrations**  
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Quant Time: Jun 25 02:45:35 2021  
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TIC: BM030585.D

(24) Benzo(b)fluoranthene  
 22.905min (-0.002) 13.55ng/ul  
 response 428105

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.10 | 23.23 |
| 125.00 | 13.90 | 11.95 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

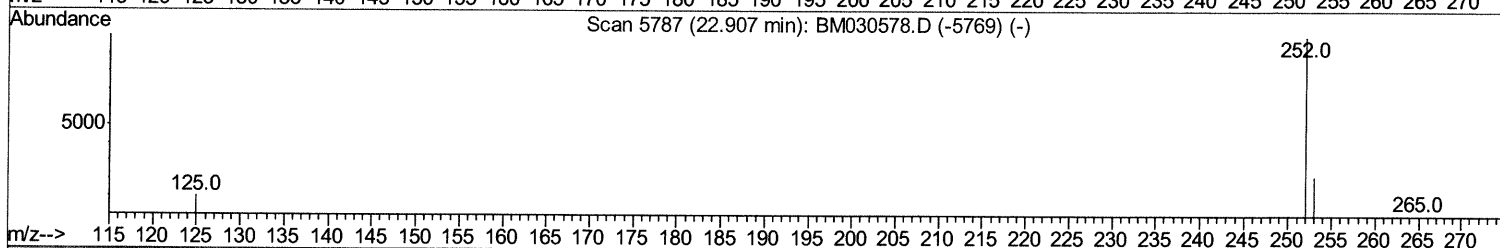
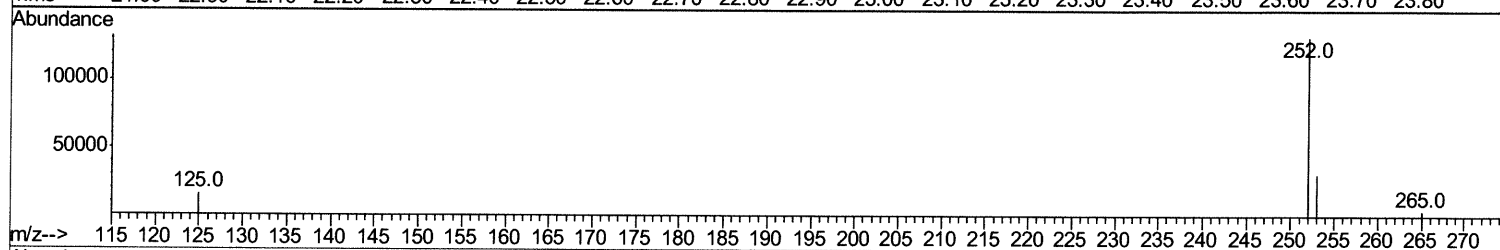
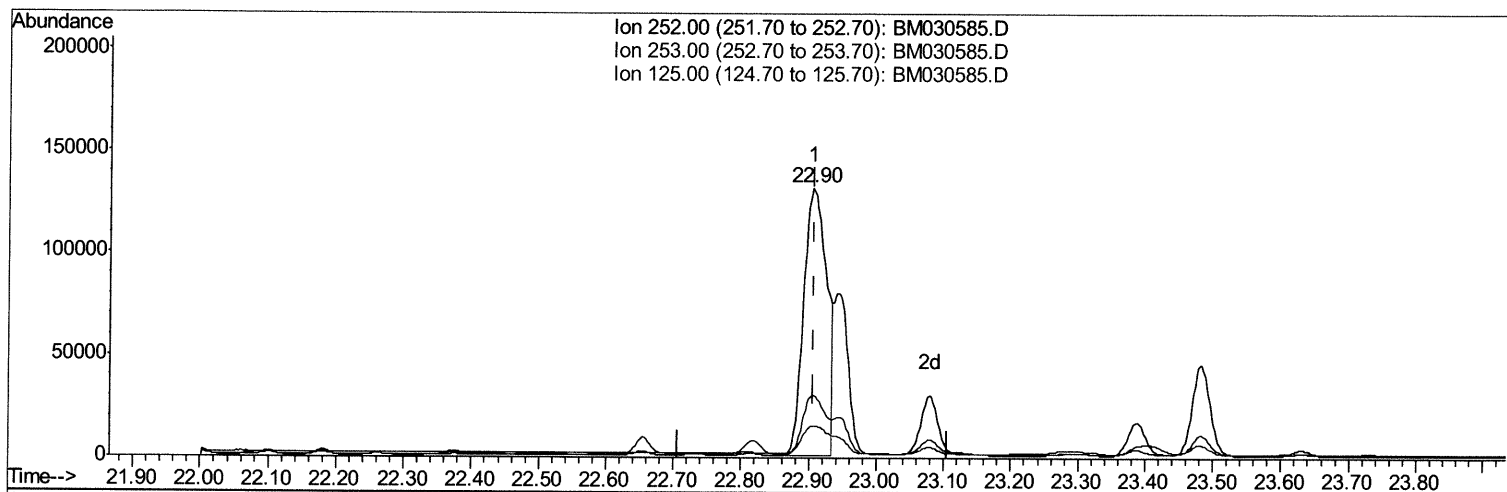
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062421\  
Data File : BM030585.D  
Acq On : 24 Jun 2021 21:05  
Operator : CG/JU  
Sample : M2662-24  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Manual Integrations  
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TIC: BM030585.D

(24) Benzo(b)fluoranthene

22.905min (-0.002) 9.72ng/ul m

06/28/21 JU

response 307065

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.10 | 23.23 |
| 125.00 | 13.90 | 11.95 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

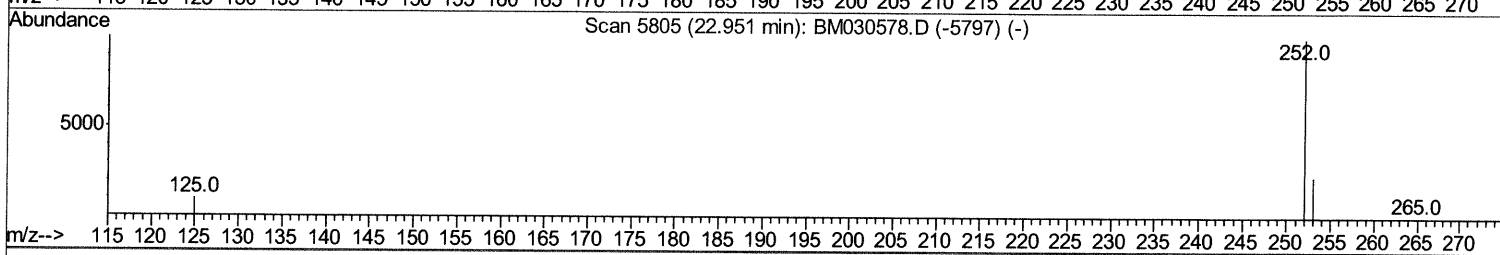
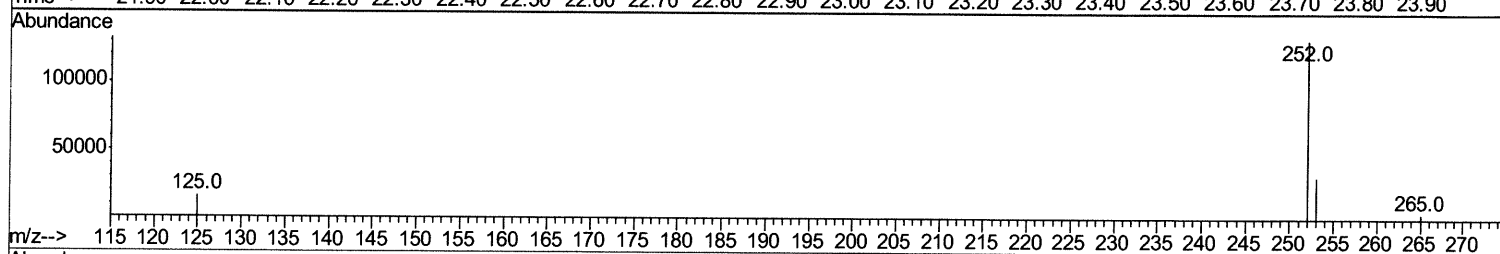
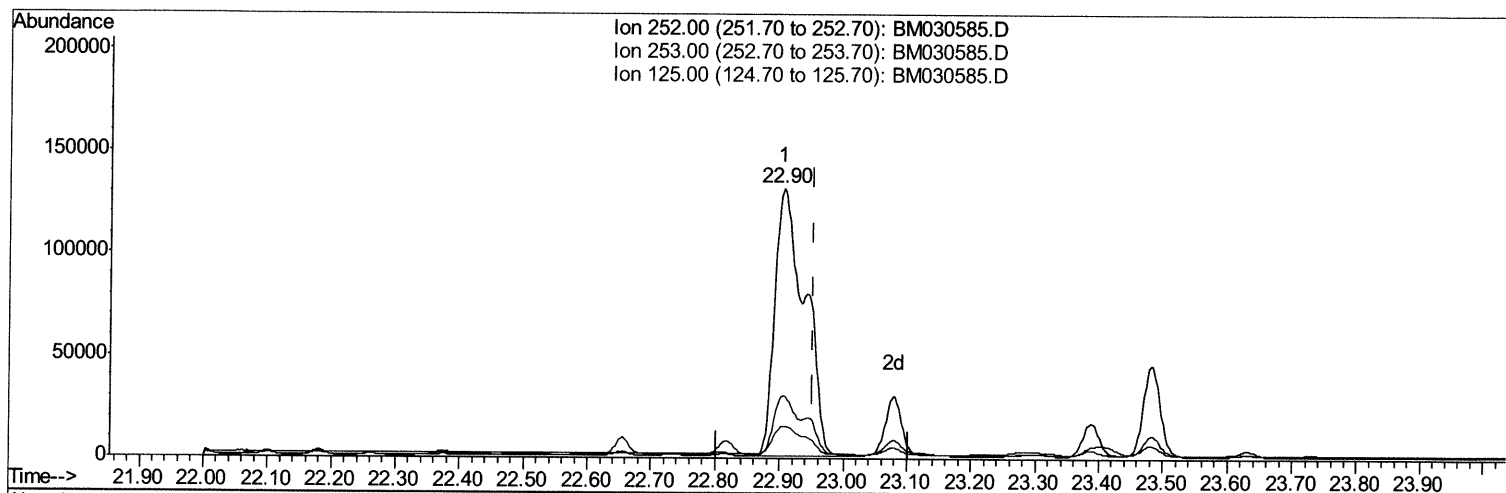
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062421\  
Data File : BM030585.D  
Acq On : 24 Jun 2021 21:05  
Operator : CG/JU  
Sample : M2662-24  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGD98

Manual Integrations  
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mohammad  
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TIC: BM030585.D

(25) Benzo(k)fluoranthene

22.905min (-0.048) 12.92ng/ul

response 428105

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.80 | 23.23 |
| 125.00 | 13.70 | 11.95 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

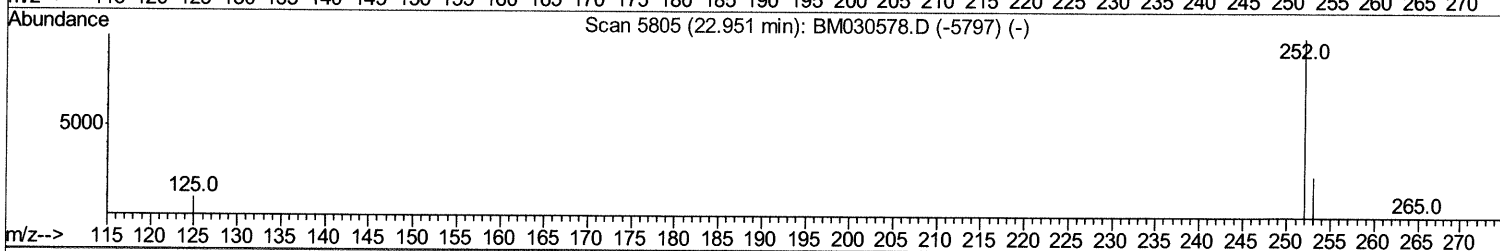
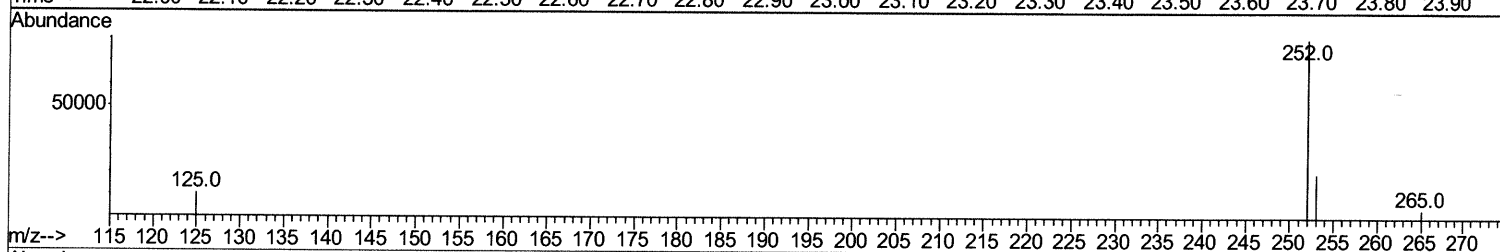
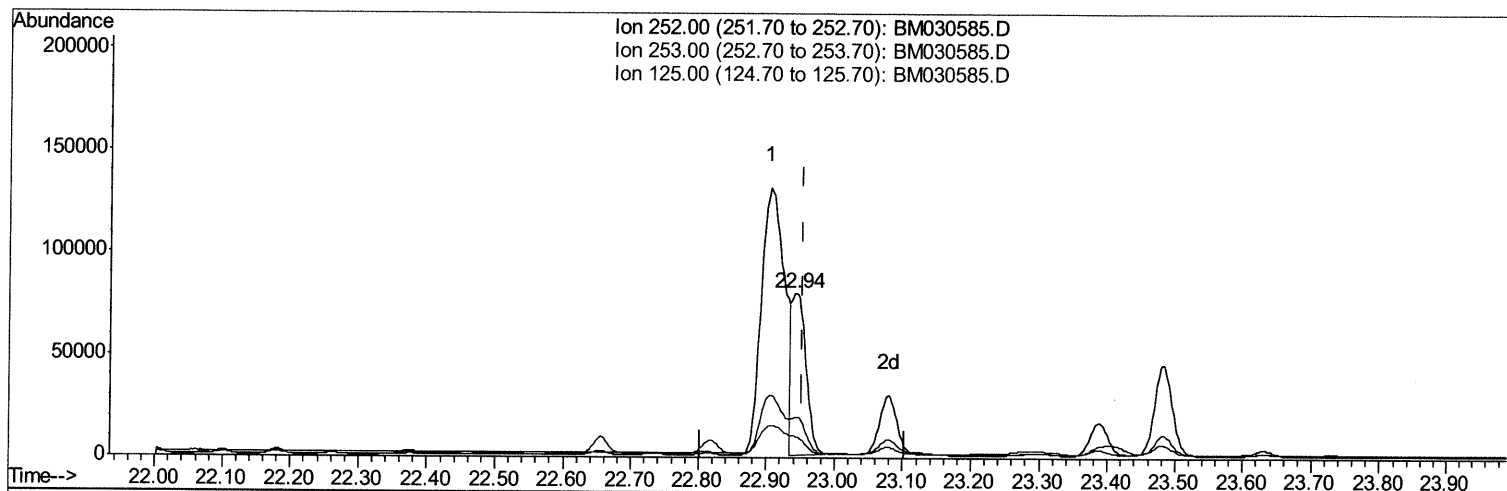
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062421\  
Data File : BM030585.D  
Acq On : 24 Jun 2021 21:05  
Operator : CG/JU  
Sample : M2662-24  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGD98

Manual Integrations  
APPROVED

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Quant Time: Jun 25 02:45:35 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M  
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TIC: BM030585.D

(25) Benzo(k)fluoranthene

22.943min (-0.010) 3.57ng/ul m

06/28/21 JU

response 118264

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.80 | 24.75 |
| 125.00 | 13.70 | 13.00 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062421\  
 Data File : BM030585.D  
 Acq On : 24 Jun 2021 21:05  
 Operator : CG/JU  
 Sample : M2662-24  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGD98

Manual Integrations  
 APPROVED

mohammad  
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| Internal Standards          | R.T.  | QIon | Response  | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|-----------|--------|---------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.80  | 152  | 3063      | 0.40   | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.58 | 136  | 11266     | 0.40   | ng/ul   | 0.00     |
| 9) Acenaphthene-d10         | 14.42 | 164  | 6592      | 0.40   | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.16 | 188  | 12131m >  | 0.40   | ng/ul > | 0.00     |
| 17) Chrysene-d12            | 21.33 | 240  | 9904      | 0.40   | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.58 | 264  | 7263      | 0.40   | ng/ul   | 0.00     |
| System Monitoring Compounds |       |      |           |        |         |          |
| 3) 1,4-Dioxane-d8           | 3.28  | 96   | 9906      | 3.02   | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.17 | 152  | 4429      | 0.25   | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.18 | 212  | 11225     | 0.37   | ng/ul   | 0.00     |
| Target Compounds            |       |      |           |        |         | Ovalue   |
| 5) Naphthalene              | 10.63 | 128  | 23879     | 0.713  | ng/ul   | 99       |
| 7) 2-Methylnaphthalene      | 12.25 | 142  | 5361      | 0.237  | ng/ul   | 99       |
| 8) 1-Methylnaphthalene      | 12.47 | 142  | 3278      | 0.149  | ng/ul   | 99       |
| 10) Acenaphthylene          | 14.14 | 152  | 27424     | 0.889  | ng/ul   | 98       |
| 11) Acenaphthene            | 14.49 | 153  | 20160     | 0.802  | ng/ul   | 99       |
| 12) Fluorene                | 15.47 | 166  | 27883     | 1.002  | ng/ul   | 97       |
| 15) Phenanthrene            | 17.20 | 178  | 436689    | 10.110 | ng/ul   | 99       |
| 16) Anthracene              | 17.29 | 178  | 141013    | 3.726  | ng/ul   | 99       |
| 19) Fluoranthene            | 19.21 | 202  | 878292    | 19.290 | ng/ul   | 99       |
| 20) Pyrene                  | 19.57 | 202  | 488947    | 10.482 | ng/ul   | 100      |
| 21) Benzo(a)anthracene      | 21.31 | 228  | 374105    | 9.509  | ng/ul   | 98       |
| 22) Chrysene                | 21.36 | 228  | 301635    | 6.906  | ng/ul   | 97       |
| 24) Benzo(b)fluoranthene    | 22.90 | 252  | 307065m > | 9.719  | ng/ul > | 99       |
| 25) Benzo(k)fluoranthene    | 22.94 | 252  | 118264m > | 3.569  | ng/ul > | 99       |
| 26) Benzo(a)pyrene          | 23.48 | 252  | 83564     | 2.981  | ng/ul   | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.86 | 276  | 59923     | 1.681  | ng/ul#  | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.87 | 278  | 29094     | 1.023  | ng/ul   | 93       |
| 29) Benzo(a,h,i)perylene    | 26.56 | 276  | 2160      | 0.070  | ng/ul#  | 41       |

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