

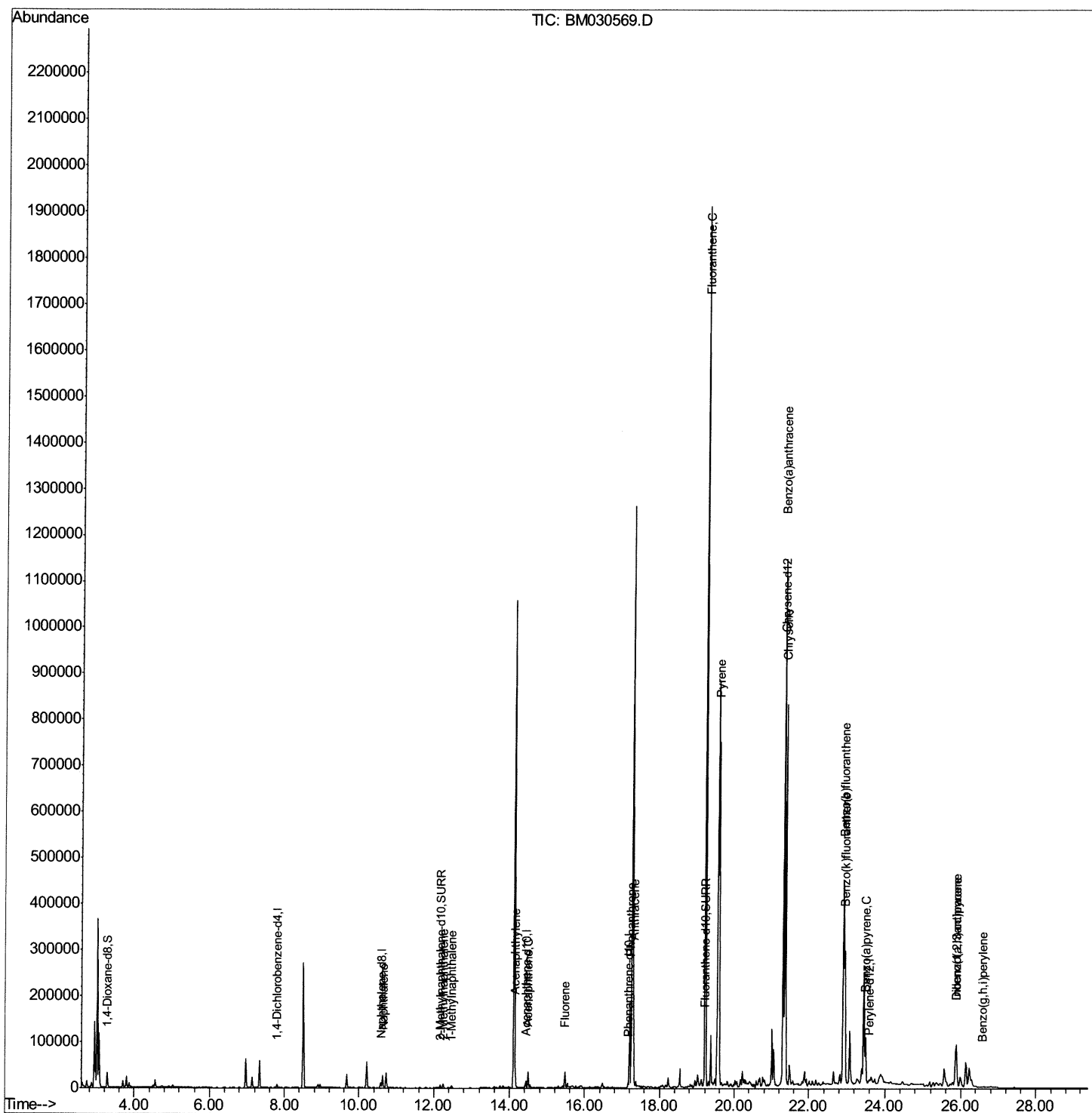
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062421\  
Data File : BM030569.D  
Acq On : 24 Jun 2021 11:19  
Operator : CG/JU  
Sample : M2662-16  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDE5

Manual Integrations  
APPROVED

mohammad  
6/24/2021 2:55:44 PM

Quant Time: Jun 24 11:51:20 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 01:55:26 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

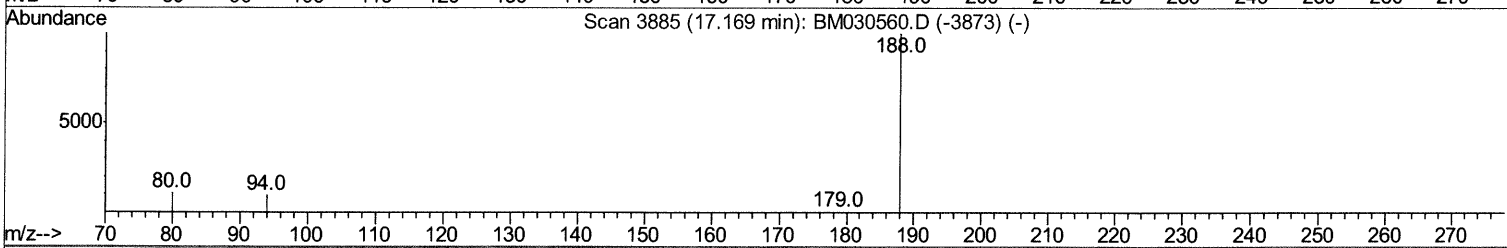
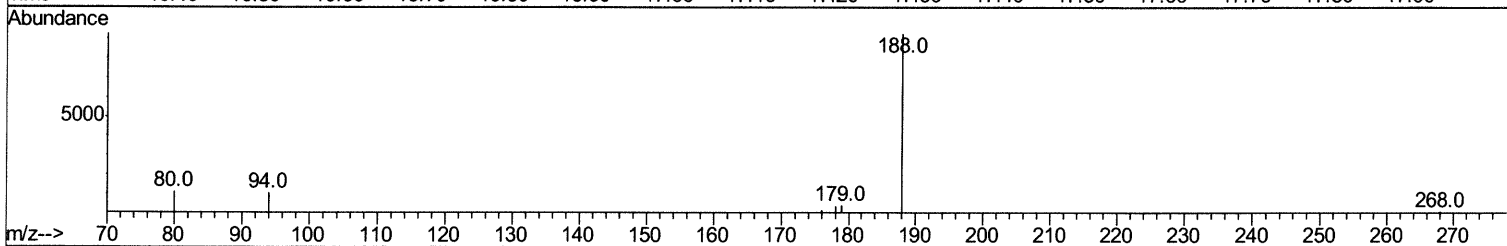
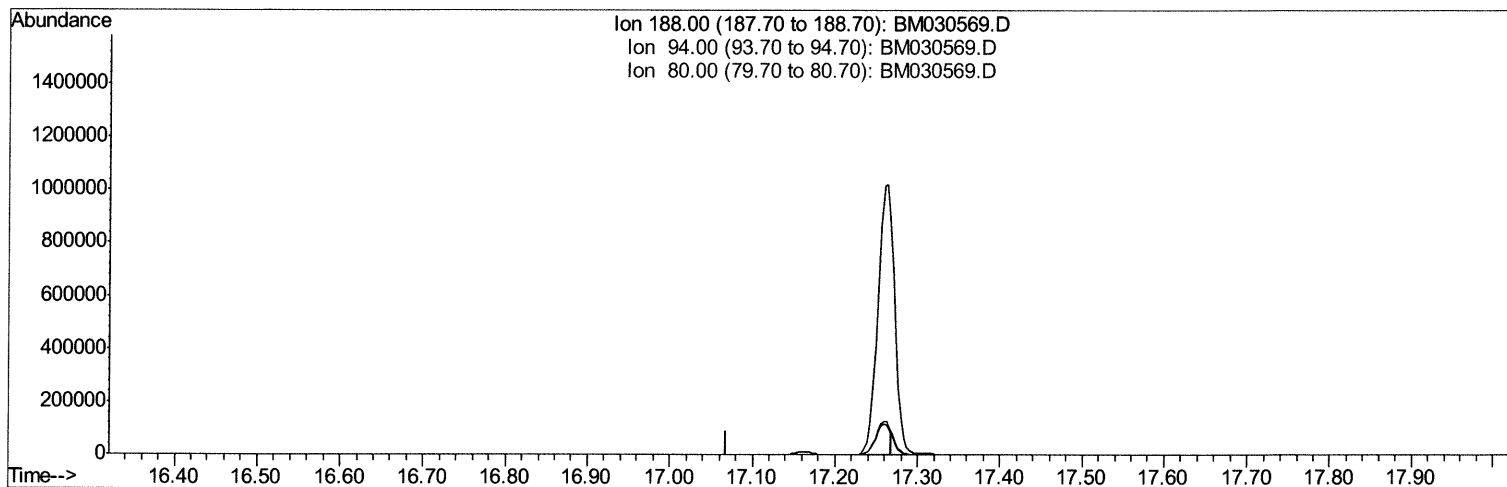
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062421\  
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**ClientSampleId :**  
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**Manual Integrations**  
**APPROVED**

mohammad  
 6/24/2021 2:55:44 PM

Quant Time: Jun 24 11:49:28 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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TIC: BM030569.D

(13) Phenanthrene-d10 (I)

17.169min (-17.169) 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)

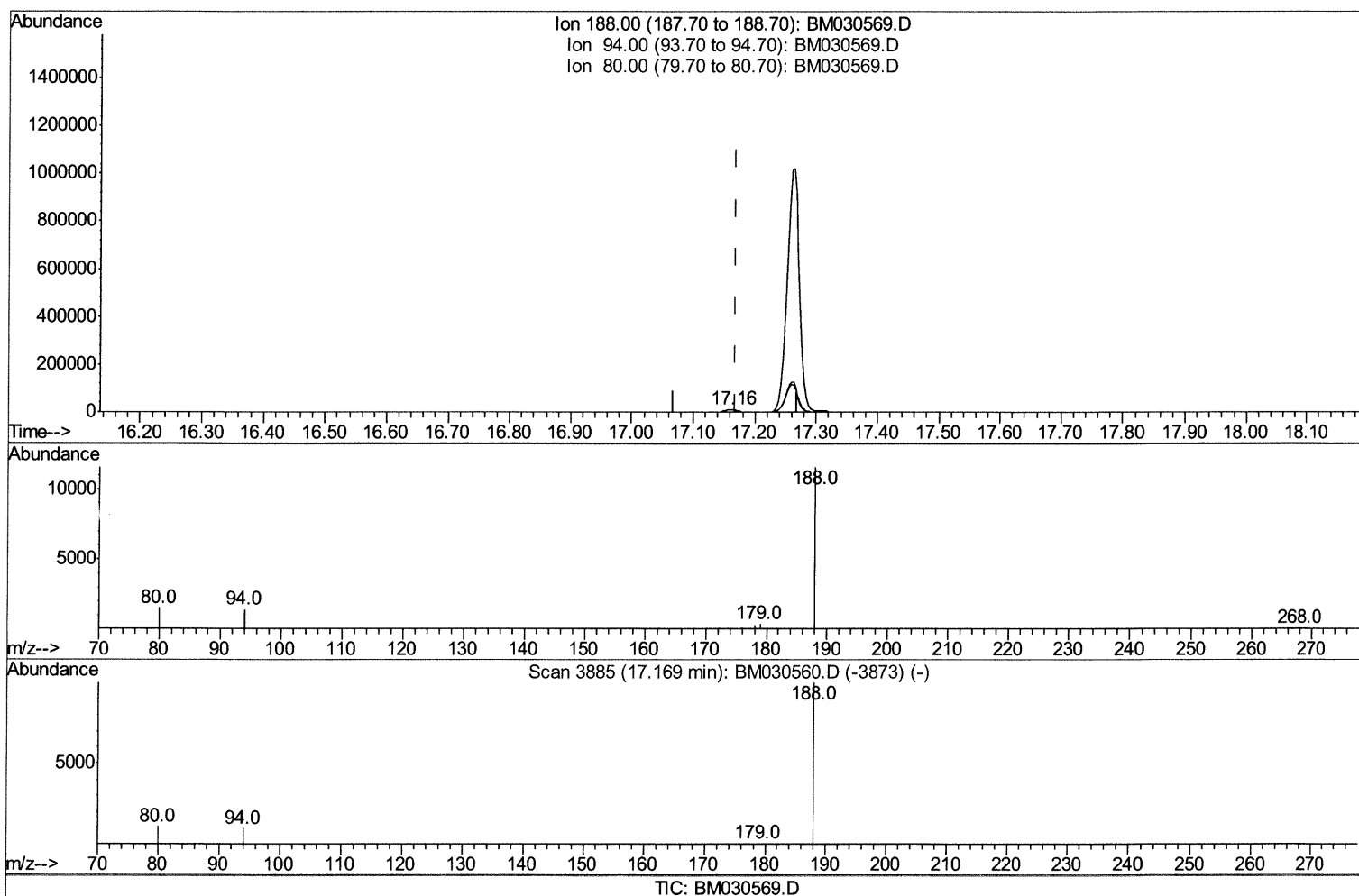
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062421\  
 Data File : BM030569.D  
 Acq On : 24 Jun 2021 11:19  
 Operator : CG/JU  
 Sample : M2662-16  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 BGDE5

**Manual Integrations**  
**APPROVED**

mohammad  
 6/24/2021 2:55:44 PM

Quant Time: Jun 24 11:49:28 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 01:55:26 2021  
 Response via : Initial Calibration



TIC: BM030569.D

(13) Phenanthrene-d10 (I)

17.162min (-0.007) 0.40ng/ul m

06/28/21 JU

response 16575

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 10.30 | 12.32 |
| 80.00  | 11.60 | 13.26 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

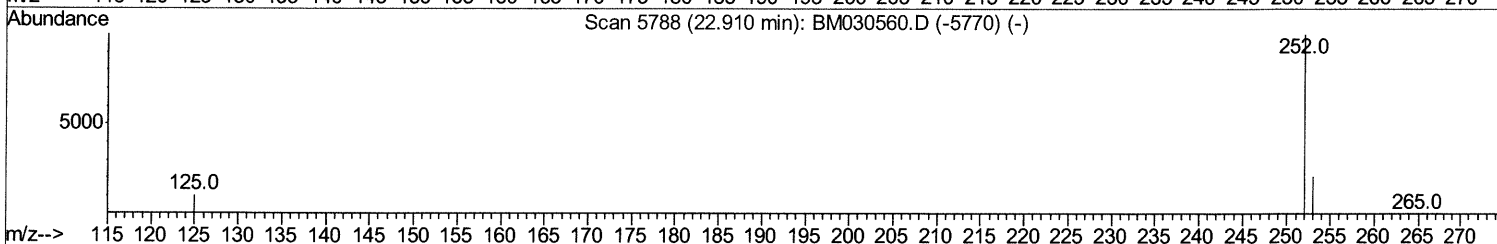
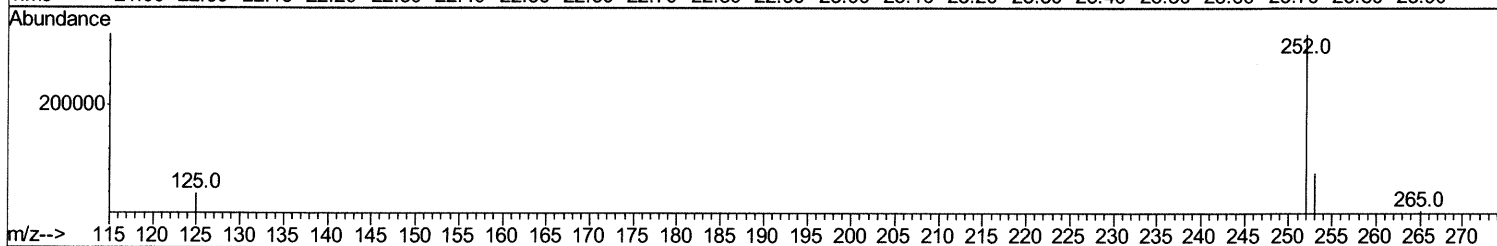
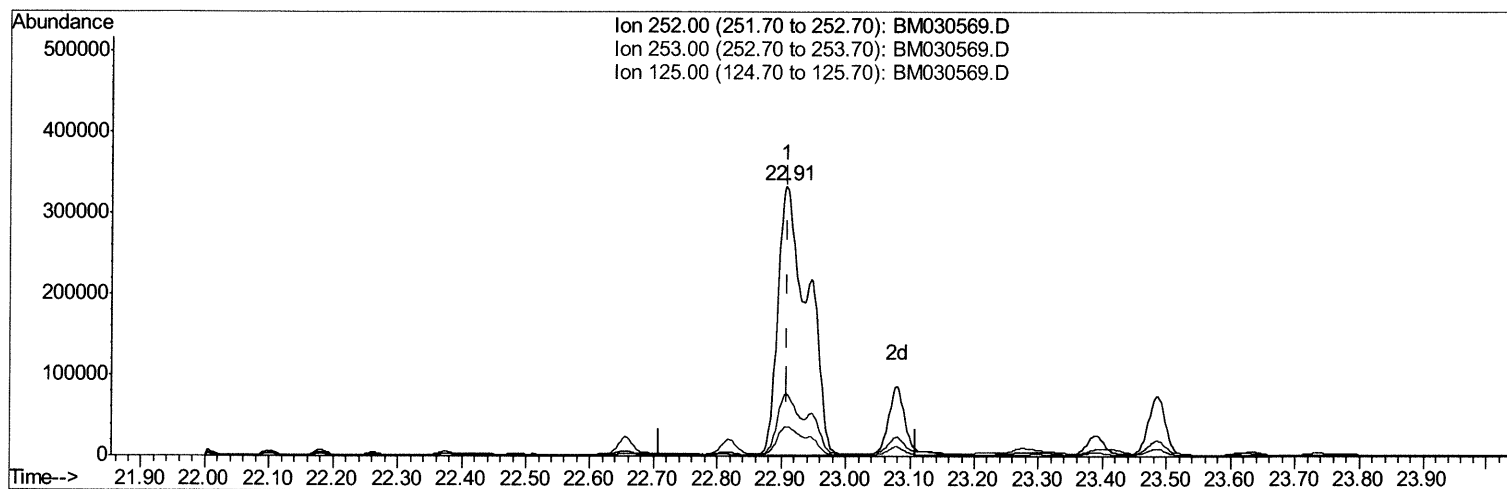
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062421\  
Data File : BM030569.D  
Acq On : 24 Jun 2021 11:19  
Operator : CG/JU  
Sample : M2662-16  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDE5

Manual Integrations  
APPROVED

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Quant Time: Jun 24 11:50:25 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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TIC: BM030569.D

(24) Benzo(b)fluoranthene

22.907min (-0.002) 22.13ng/ul

response 1067215

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.10 | 23.01 |
| 125.00 | 13.90 | 10.96 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

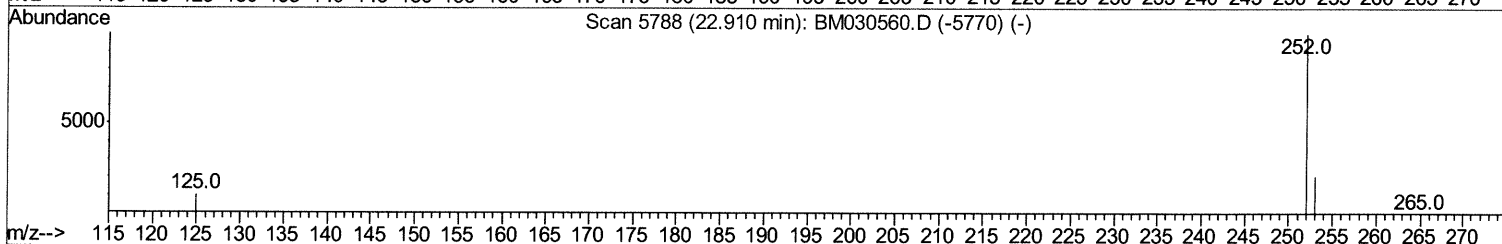
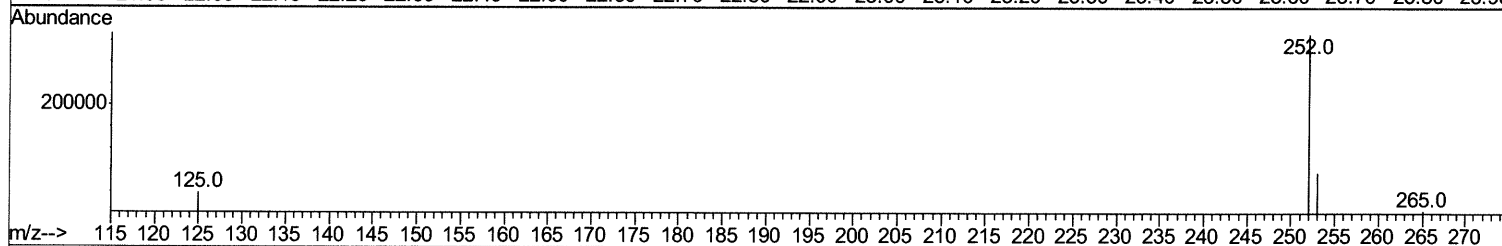
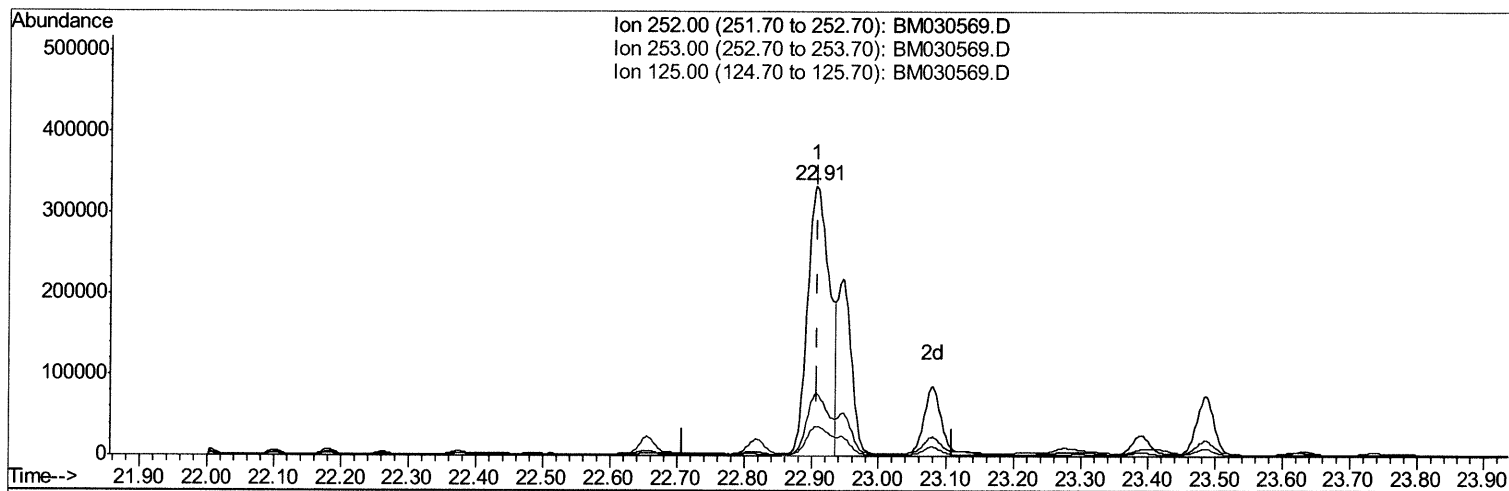
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062421\  
Data File : BM030569.D  
Acq On : 24 Jun 2021 11:19  
Operator : CG/JU  
Sample : M2662-16  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDE5

Manual Integrations  
APPROVED

mohammad  
6/24/2021 2:55:44 PM

Quant Time: Jun 24 11:50:25 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 01:55:26 2021  
Response via : Initial Calibration



TIC: BM030569.D

(24) Benzo(b)fluoranthene

22.907min (-0.002) 15.93ng/ul m

06/28/21 JU

response 768037

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.10 | 23.01 |
| 125.00 | 13.90 | 10.96 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

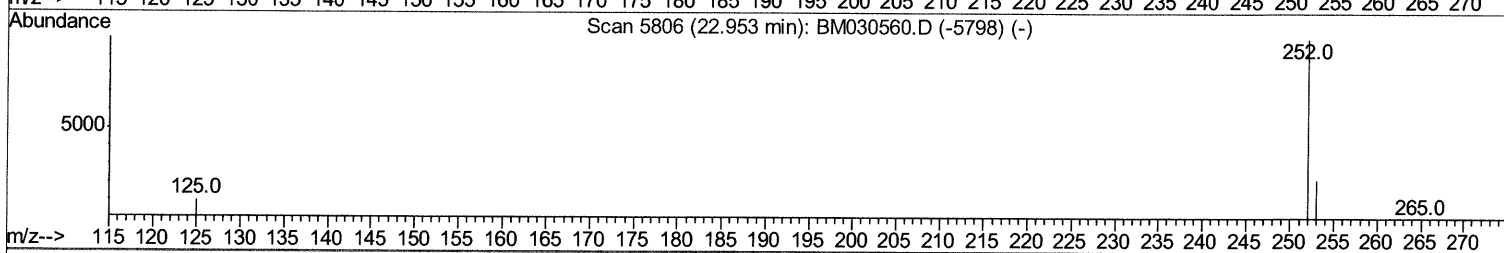
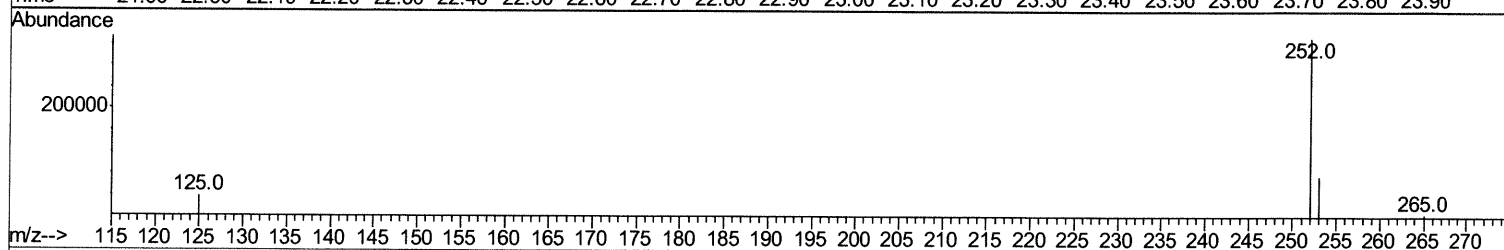
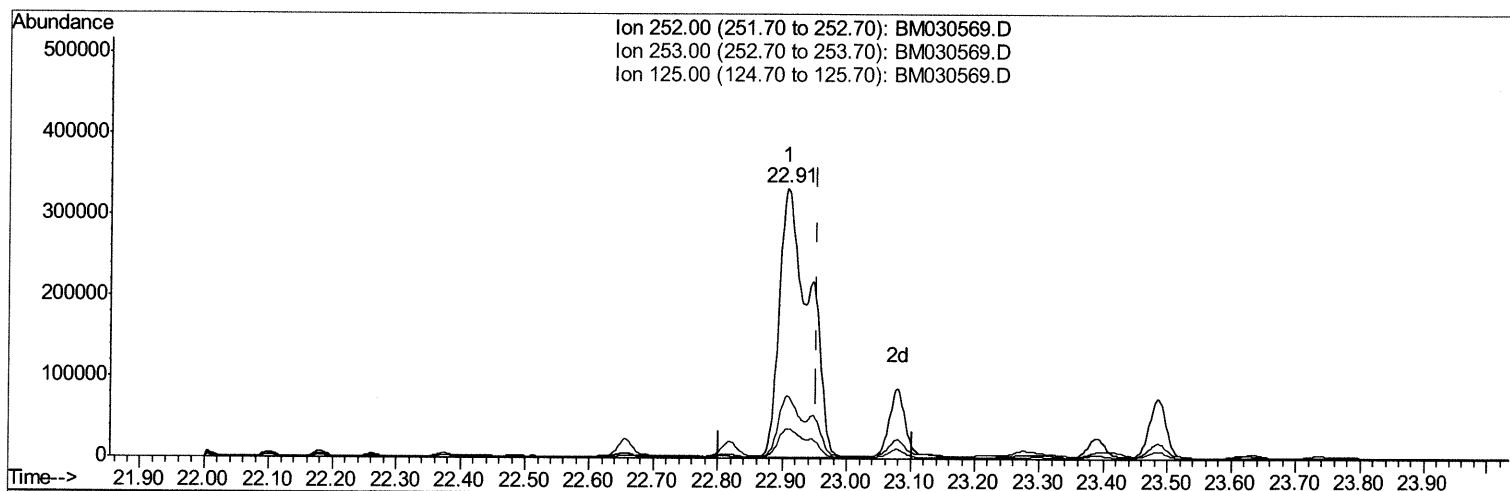
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062421\  
Data File : BM030569.D  
Acq On : 24 Jun 2021 11:19  
Operator : CG/JU  
Sample : M2662-16  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDE5

Manual Integrations  
APPROVED

mohammad  
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Quant Time: Jun 24 11:50:25 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration



TIC: BM030569.D

(25) Benzo(k)fluoranthene

22.907min (-0.046) 21.10ng/ul

response 1067215

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.80 | 23.01 |
| 125.00 | 13.70 | 10.96 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

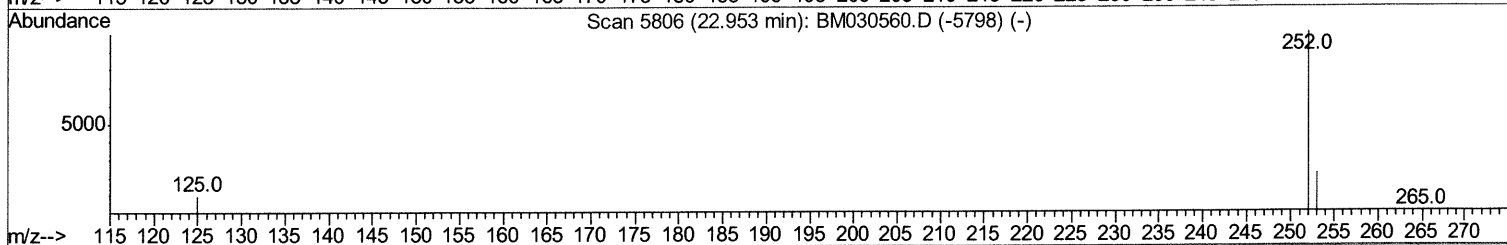
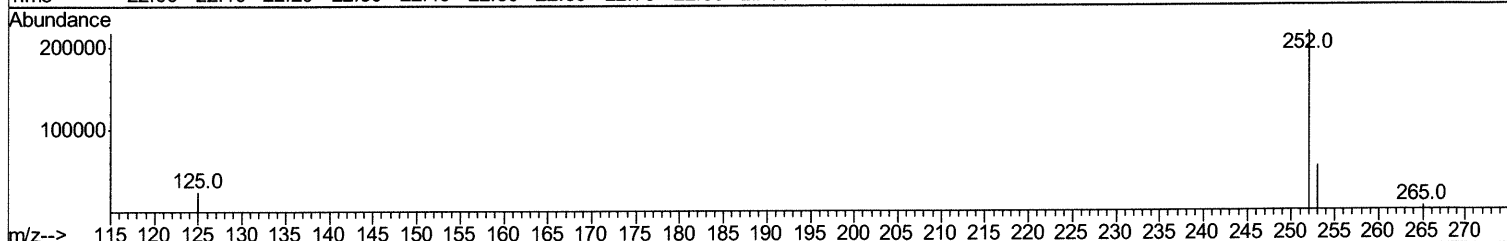
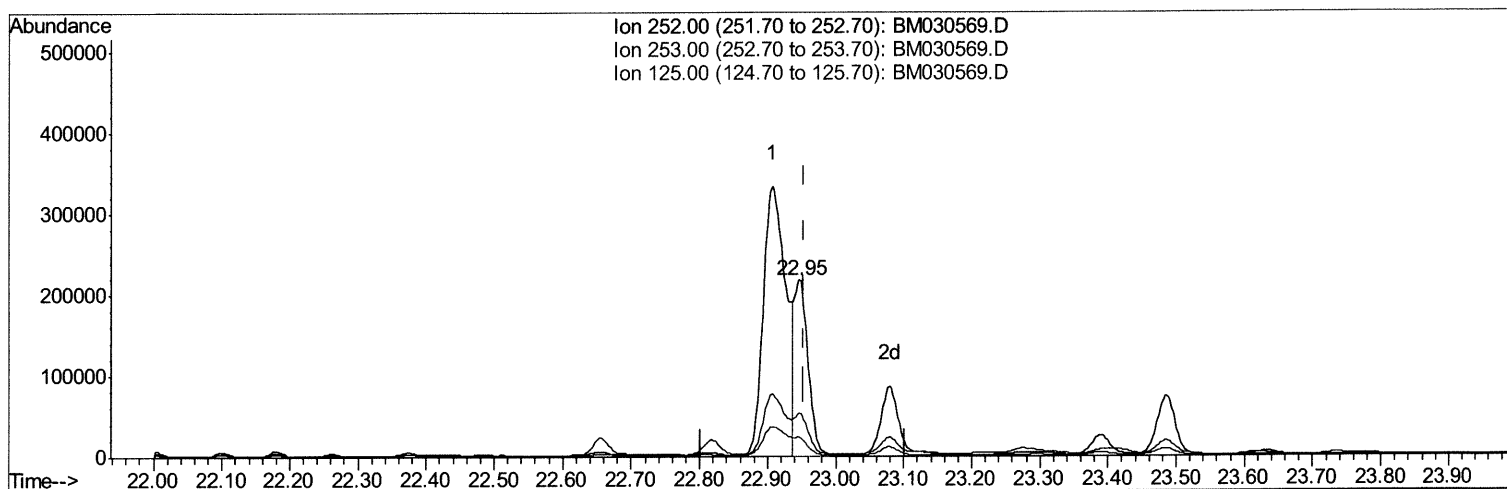
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062421\  
Data File : BM030569.D  
Acq On : 24 Jun 2021 11:19  
Operator : CG/JU  
Sample : M2662-16  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGDE5

Manual Integrations  
APPROVED

mohammad  
6/24/2021 2:55:44 PM

Quant Time: Jun 24 11:50:25 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 01:55:26 2021  
Response via : Initial Calibration



TIC: BM030569.D

(25) Benzo(k)fluoranthene

22.946min (-0.007) 6.11ng/ul m 06/28/21 JU

response 308889

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 25.80 | 24.43  |
| 125.00 | 13.70 | 10.95# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062421\  
 Data File : BM030569.D  
 Acq On : 24 Jun 2021 11:19  
 Operator : CG/JU  
 Sample : M2662-16  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDE5

Manual Integrations  
 APPROVED

mohammad  
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 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 3556     | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 10.59 | 136  | 13975    | 0.40 | ng/ul | 0.00     |
| 9) Acenaphthene-d10       | 14.43 | 164  | 8654     | 0.40 | ng/ul | 0.00     |
| 13) Phenanthrene-d10      | 17.16 | 188  | 16575m   | 0.40 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.33 | 240  | 13389    | 0.40 | ng/ul | 0.00     |
| 23) Perylene-d12          | 23.58 | 264  | 11086    | 0.40 | ng/ul | -0.01    |

06/24/21 JU

## System Monitoring Compounds

|                            |       |     |       |      |       |       |
|----------------------------|-------|-----|-------|------|-------|-------|
| 3) 1,4-Dioxane-d8          | 3.28  | 96  | 20894 | 5.49 | ng/ul | -0.01 |
| 6) 2-Methylnaphthalene-d10 | 12.18 | 152 | 8655  | 0.39 | ng/ul | 0.00  |
| 18) Fluoranthene-d10       | 19.18 | 212 | 19808 | 0.48 | ng/ul | 0.00  |

## Target Compounds

|                            |       |     |         |        |        | Ovalue |
|----------------------------|-------|-----|---------|--------|--------|--------|
| 5) Naphthalene             | 10.64 | 128 | 37947   | 0.913  | ng/ul  | 99     |
| 7) 2-Methylnaphthalene     | 12.25 | 142 | 7393    | 0.264  | ng/ul  | 99     |
| 8) 1-Methylnaphthalene     | 12.47 | 142 | 3537    | 0.130  | ng/ul  | 99     |
| 10) Acenaphthylene         | 14.15 | 152 | 37225   | 0.919  | ng/ul  | 100    |
| 11) Acenaphthene           | 14.49 | 153 | 20626   | 0.625  | ng/ul  | 98     |
| 12) Fluorene               | 15.47 | 166 | 22008   | 0.602  | ng/ul  | 99     |
| 15) Phenanthrene           | 17.20 | 178 | 194681  | 3.299  | ng/ul  | 99     |
| 16) Anthracene             | 17.29 | 178 | 223343  | 4.320  | ng/ul  | 99     |
| 19) Fluoranthene           | 19.21 | 202 | 1582483 | 25.709 | ng/ul  | 99     |
| 20) Pyrene                 | 19.58 | 202 | 629469  | 9.982  | ng/ul  | 99     |
| 21) Benzo(a)anthracene     | 21.31 | 228 | 949810  | 17.858 | ng/ul  | 97     |
| 22) Chrysene               | 21.36 | 228 | 745630  | 12.628 | ng/ul  | 97     |
| 24) Benzo(b)fluoranthene   | 22.91 | 252 | 768037m | 15.927 | ng/ul  | 97     |
| 25) Benzo(k)fluoranthene   | 22.95 | 252 | 308889m | 6.107  | ng/ul  | 95     |
| 26) Benzo(a)pyrene         | 23.49 | 252 | 136914  | 3.199  | ng/ul# | 95     |
| 27) Indeno(1,2,3-cd)pyrene | 25.87 | 276 | 115672  | 2.126  | ng/ul# | 98     |
| 28) Dibenzo(a,h)anthracene | 25.87 | 278 | 80905   | 1.864  | ng/ul  | 95     |
| 29) Benzo(a,h,i)perylene   | 26.57 | 276 | 2015    | 0.043  | ng/ul# | 45     |

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