

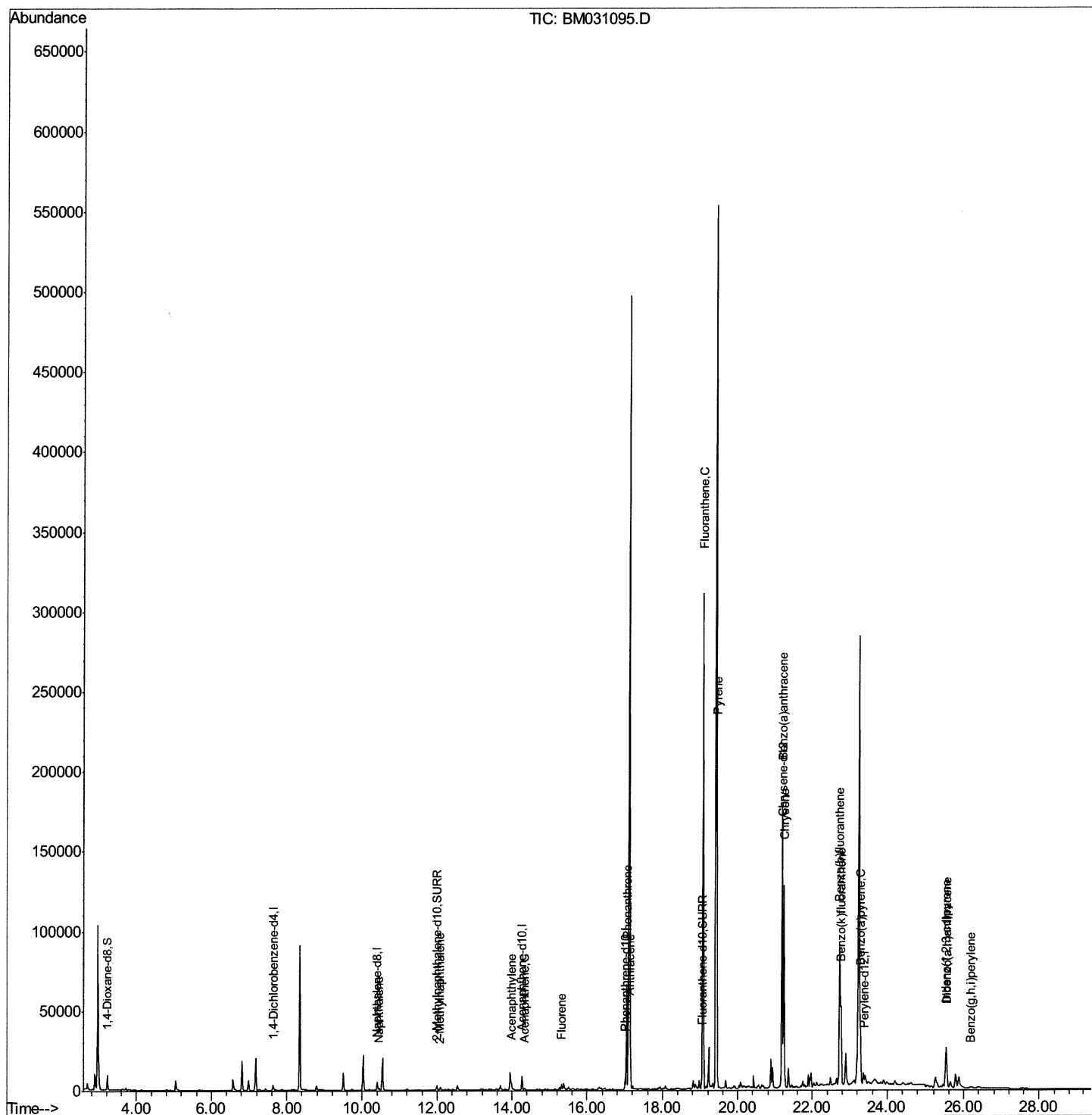
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072321\  
Data File : BM031095.D  
Acq On : 23 Jul 2021 18:06  
Operator : CG/JU  
Sample : M2970-19  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGED2

Manual Integrations  
APPROVED

mohammad  
7/26/2021 1:25:55 PM

Quant Time: Jul 23 18:50:14 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 23 18:04:27 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

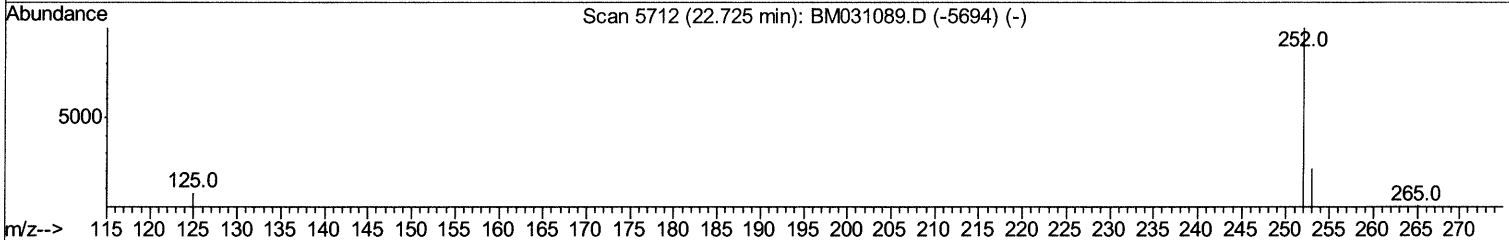
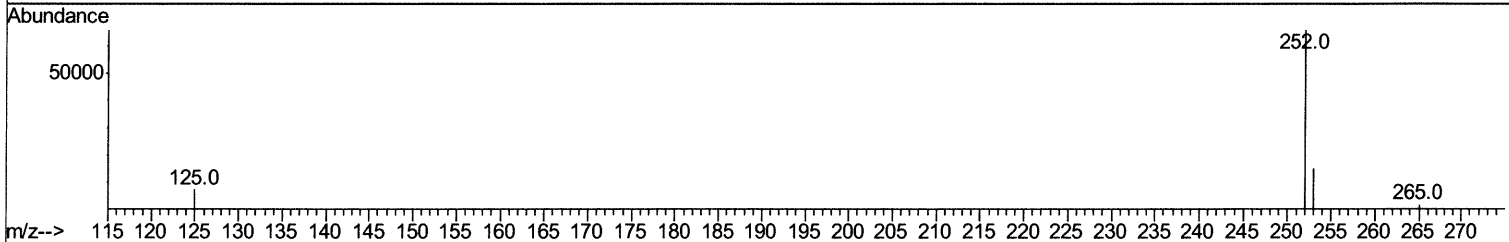
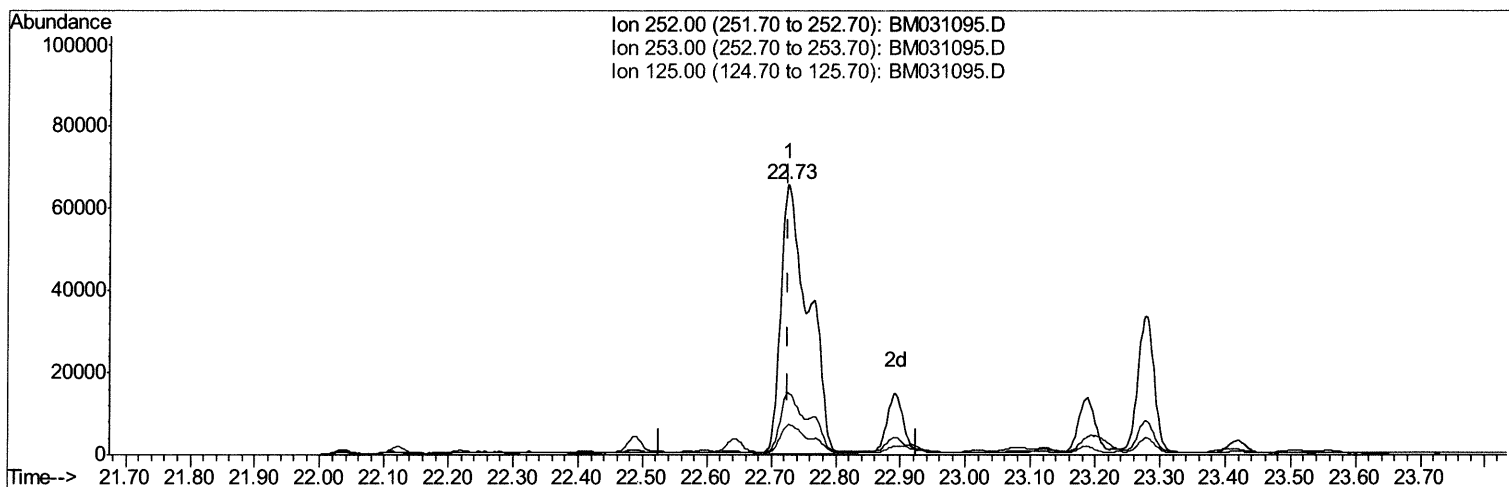
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Quant Time: Jul 23 18:48:32 2021  
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TIC: BM031095.D

(24) Benzo(b)fluoranthene  
 22.725min (+0.000) 5.03ng/ui  
 response 192484

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.40 | 23.04 |
| 125.00 | 10.10 | 11.05 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

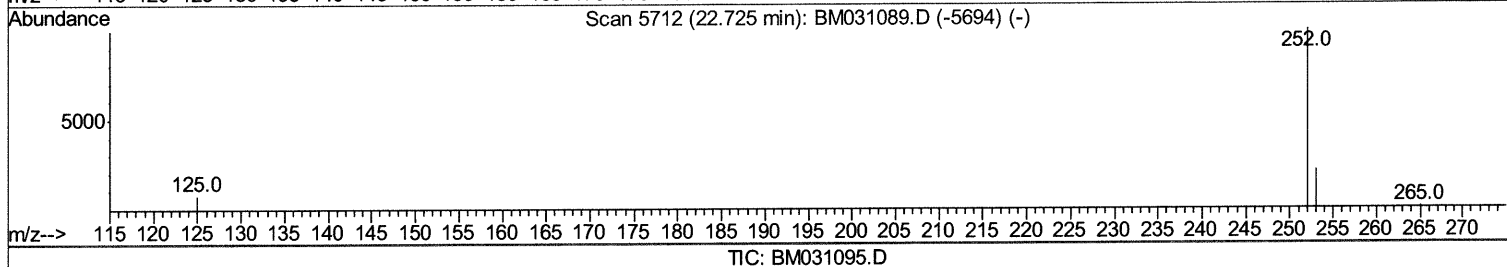
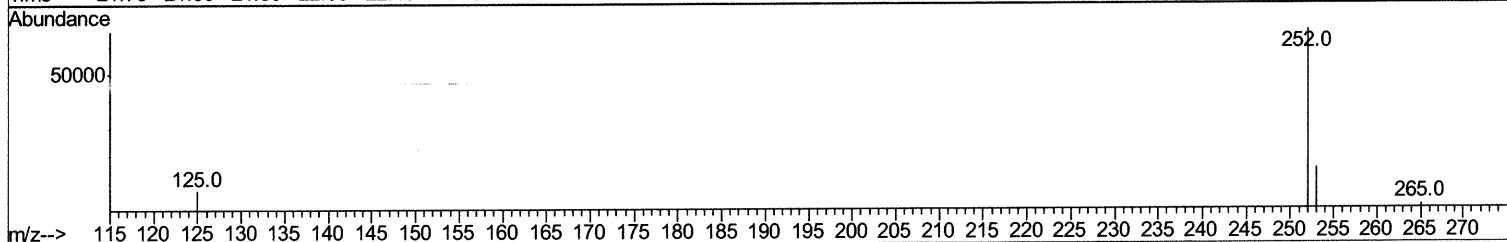
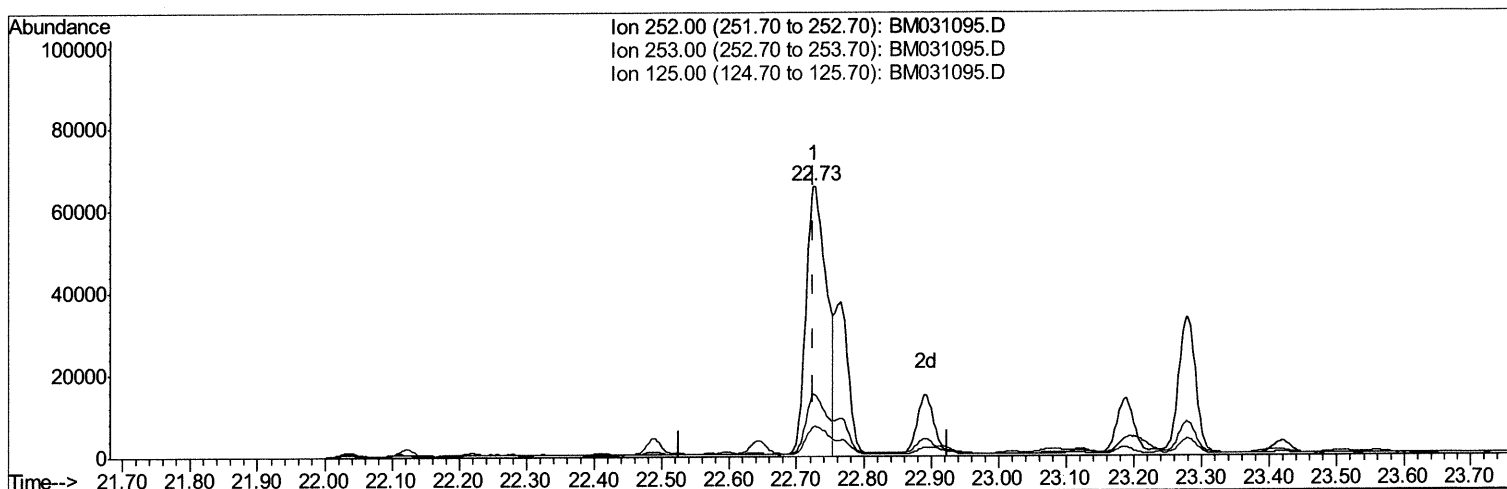
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Data File : BM031095.D  
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Operator : CG/JU  
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(24) Benzo(b)fluoranthene

22.725min (+0.000) 3.69ng/ul m 07/27/21 JU

response 141367

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.40 | 23.04 |
| 125.00 | 10.10 | 11.05 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

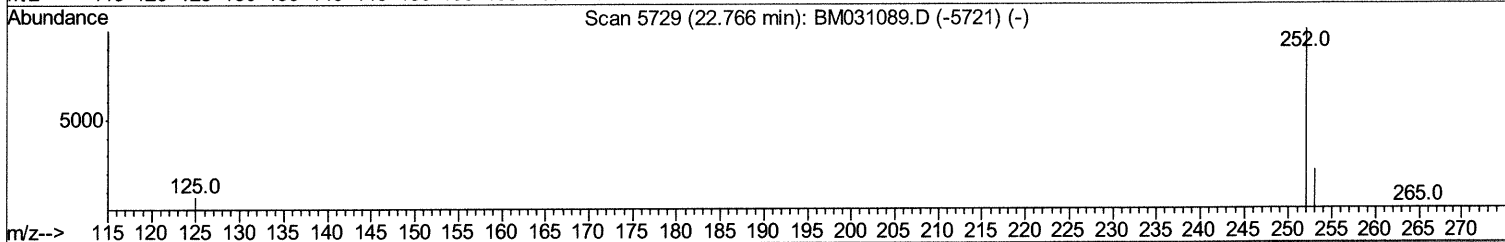
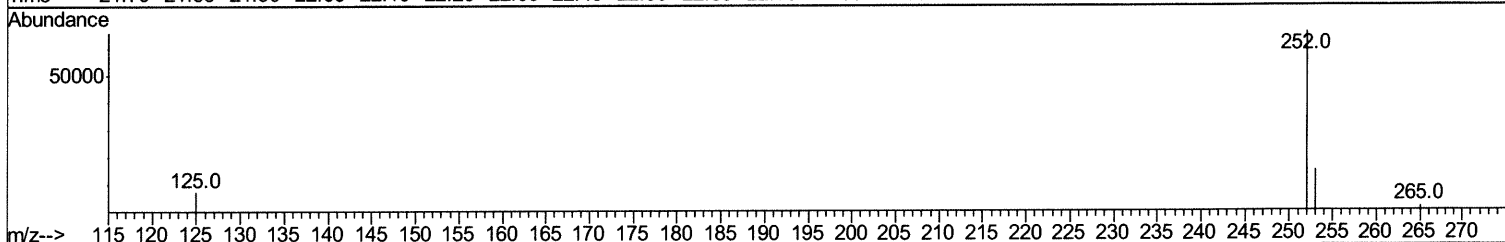
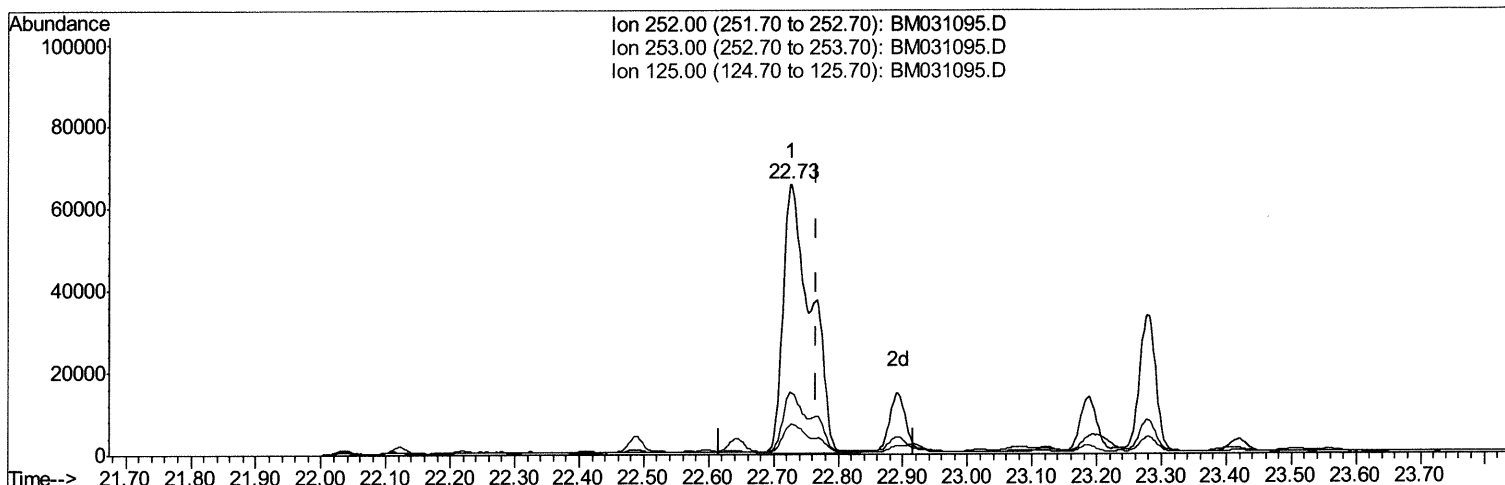
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072321\  
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Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
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TIC: BM031095.D

(25) Benzo(k)fluoranthene  
 22.725min (-0.041) 4.96ng/ul  
 response 192484  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 27.00 | 23.04 |
| 125.00 | 10.80 | 11.05 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

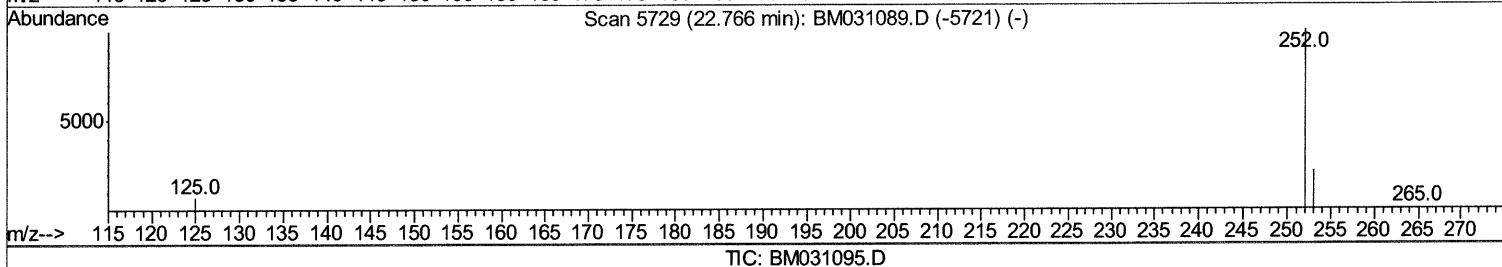
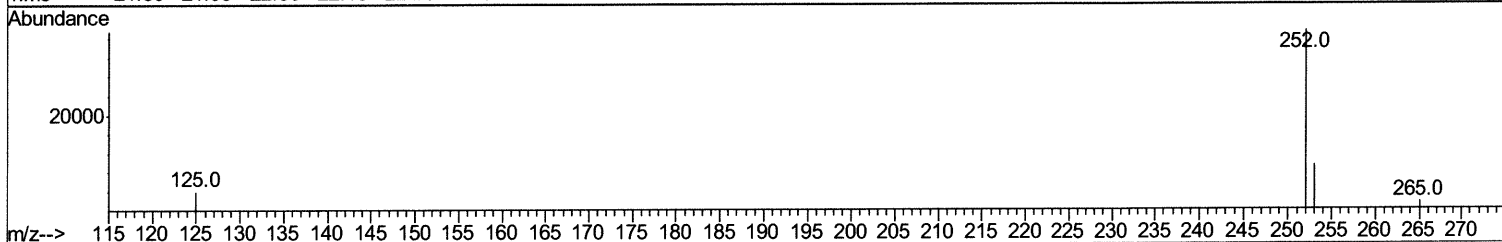
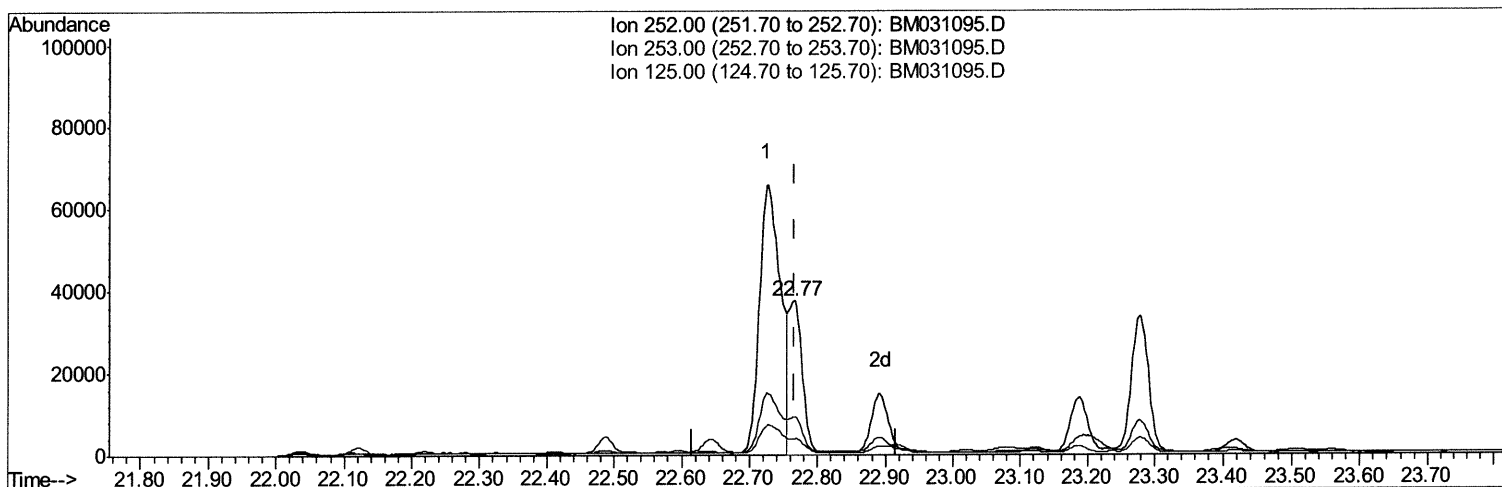
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072321\  
Data File : BM031095.D  
Acq On : 23 Jul 2021 18:06  
Operator : CG/JU  
Sample : M2970-19  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGED2

Manual Integrations  
APPROVED

mohammad  
7/26/2021 1:25:55 PM

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QLast Update : Fri Jul 23 18:04:27 2021  
Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.766min (0.000) 1.41ng/ul m 07/27/21-JM

response 54624

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 27.00 | 24.87 |
| 125.00 | 10.80 | 10.73 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072321\  
 Data File : BM031095.D  
 Acq On : 23 Jul 2021 18:06  
 Operator : CG/JU  
 Sample : M2970-19  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGD2

Manual Integrations  
 APPROVED

mohammad  
 7/26/2021 1:25:55 PM

Quant Time: Jul 23 18:50:14 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 23 18:04:27 2021

Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 1668     | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 10.40 | 136  | 6846     | 0.40 | ng/ul | 0.00     |
| 9) Acenaphthene-d10       | 14.27 | 164  | 4793     | 0.40 | ng/ul | 0.00     |
| 13) Phenanthrene-d10      | 17.01 | 188  | 10158    | 0.40 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.20 | 240  | 9386     | 0.40 | ng/ul | 0.00     |
| 23) Perylene-d12          | 23.37 | 264  | 8140     | 0.40 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                            |       |     |      |      |       |      |
|----------------------------|-------|-----|------|------|-------|------|
| 3) 1,4-Dioxane-d8          | 3.22  | 96  | 6368 | 3.63 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.00 | 152 | 3295 | 0.27 | ng/ul | 0.00 |
| 18) Fluoranthene-d10       | 19.04 | 212 | 9030 | 0.32 | ng/ul | 0.00 |

#### Target Compounds

|                            |       |     |         |       | Ovalue |    |
|----------------------------|-------|-----|---------|-------|--------|----|
| 5) Naphthalene             | 10.46 | 128 | 1648    | 0.081 | ng/ul  | 94 |
| 7) 2-Methylnaphthalene     | 12.07 | 142 | 348     | 0.024 | ng/ul  | 97 |
| 10) Acenaphthylene         | 13.99 | 152 | 3440    | 0.176 | ng/ul  | 99 |
| 11) Acenaphthene           | 14.33 | 153 | 785     | 0.045 | ng/ul  | 92 |
| 12) Fluorene               | 15.32 | 166 | 2016    | 0.099 | ng/ul# | 95 |
| 15) Phenanthrene           | 17.05 | 178 | 68372   | 2.119 | ng/ul  | 98 |
| 16) Anthracene             | 17.14 | 178 | 29233   | 0.967 | ng/ul  | 97 |
| 19) Fluoranthene           | 19.07 | 202 | 262794  | 6.955 | ng/ul# | 96 |
| 20) Pyrene                 | 19.44 | 202 | 173281  | 4.492 | ng/ul  | 97 |
| 21) Benzo(a)anthracene     | 21.18 | 228 | 143519  | 3.828 | ng/ul  | 97 |
| 22) Chrysene               | 21.23 | 228 | 118503  | 2.921 | ng/ul  | 97 |
| 24) Benzo(b)fluoranthene   | 22.73 | 252 | 141367m | 3.694 | ng/ul  | 97 |
| 25) Benzo(k)fluoranthene   | 22.77 | 252 | 54624m  | 1.407 | ng/ul  | 97 |
| 26) Benzo(a)pyrene         | 23.28 | 252 | 58766   | 1.776 | ng/ul  | 94 |
| 27) Indeno(1,2,3-cd)pyrene | 25.53 | 276 | 36458   | 0.841 | ng/ul# | 97 |
| 28) Dibenzo(a,h)anthracene | 25.54 | 278 | 14520   | 0.418 | ng/ul  | 94 |
| 29) Benzo(a,h,i)perylene   | 26.19 | 276 | 1429    | 0.039 | ng/ul# | 59 |

07/27/21 JU

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