

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030920\  
Data File : BM025464.D  
Acq On : 10 Mar 2020 22:04  
Operator : CG/JU  
Sample : L1617-14  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Mar 11 00:12:19 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Qlast Update : Tue Mar 10 23:48:01 2020  
Response via : Initial Calibration

Instrument :

BNA\_M

ClientSampleId :

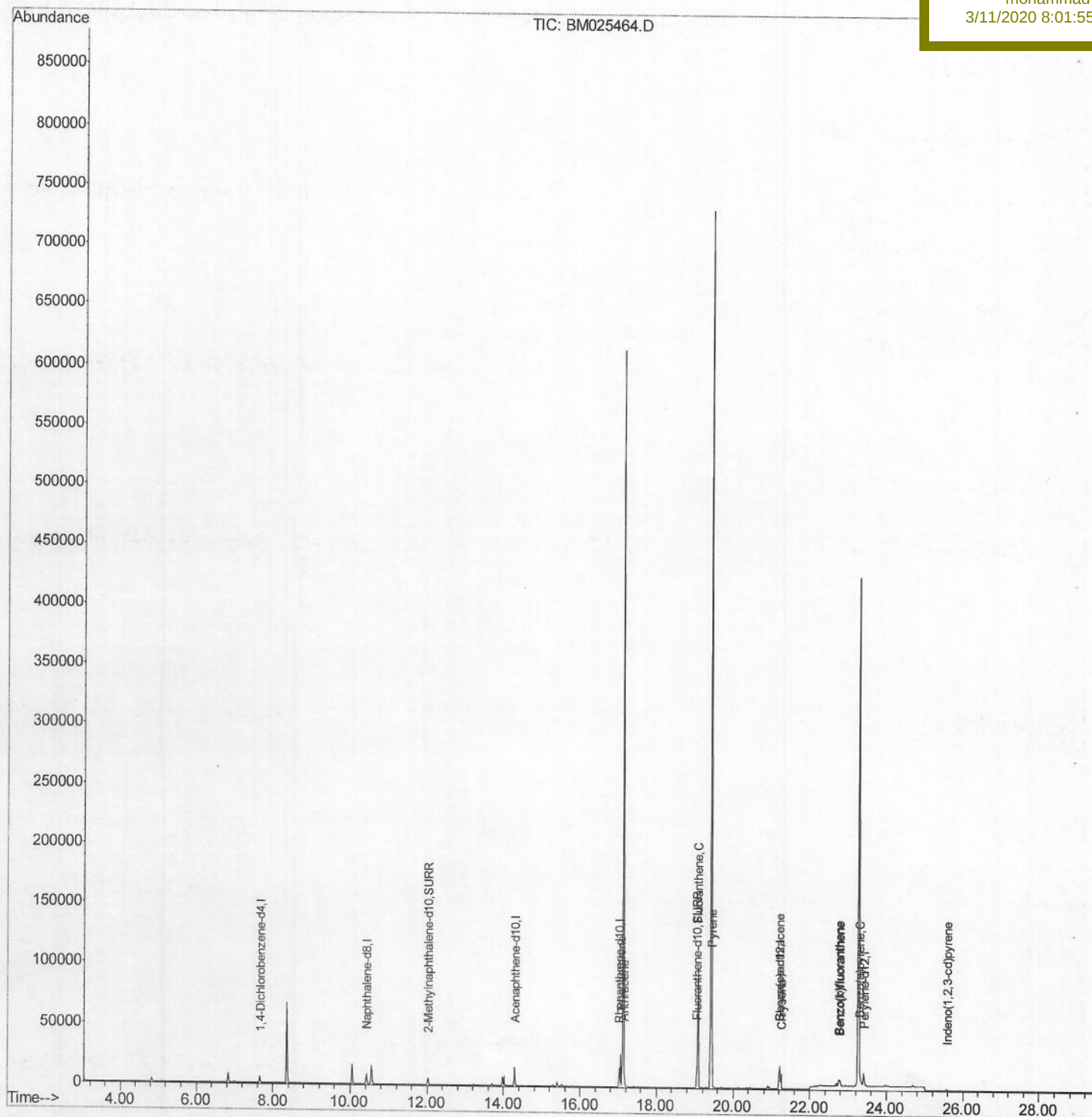
DBDS8

Manual Integrations

APPROVED

mohammad

3/11/2020 8:01:55 AM



# Quantitation Report (Qedit)

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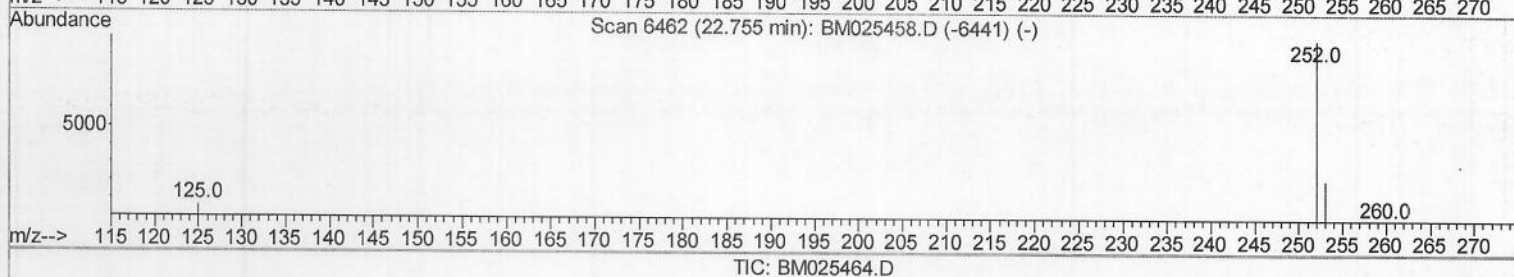
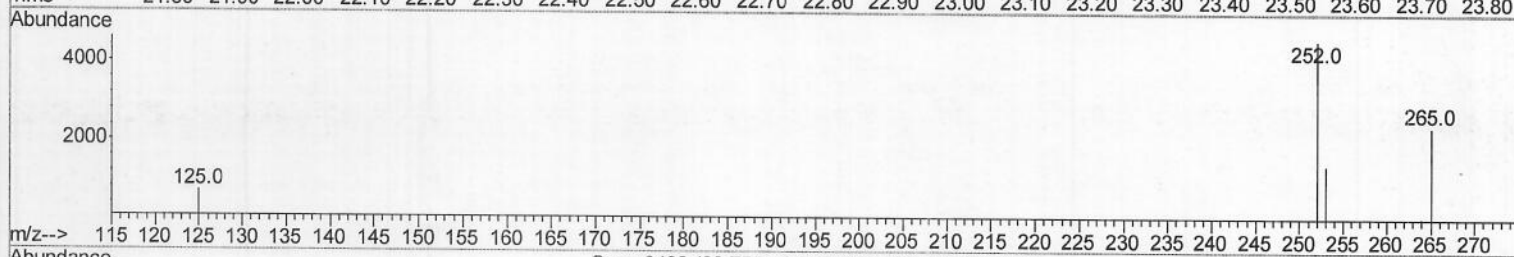
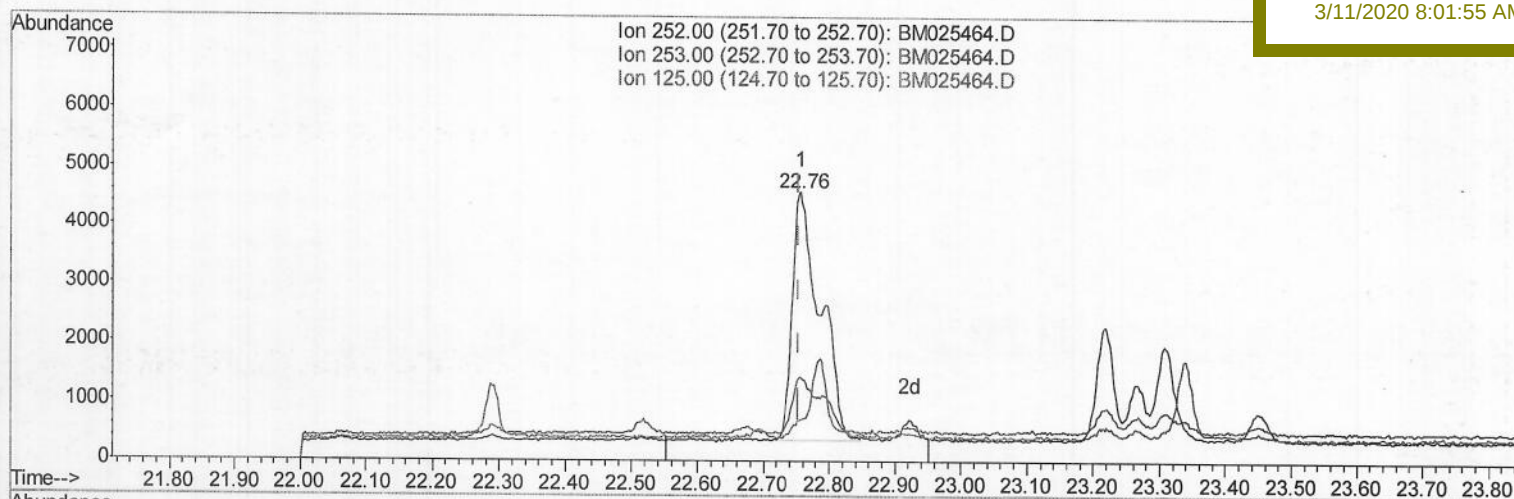
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(21) Benzo(b)fluoranthene

22.757min (+0.002) 0.25ng/ul

response 12369

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.10 | 31.05 |
| 125.00 | 8.80  | 15.46 |
| 0.00   | 0.00  | 0.00  |

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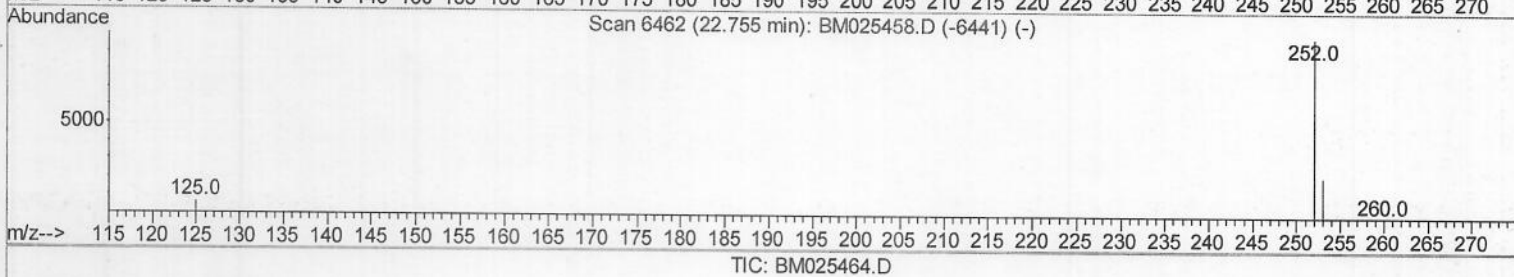
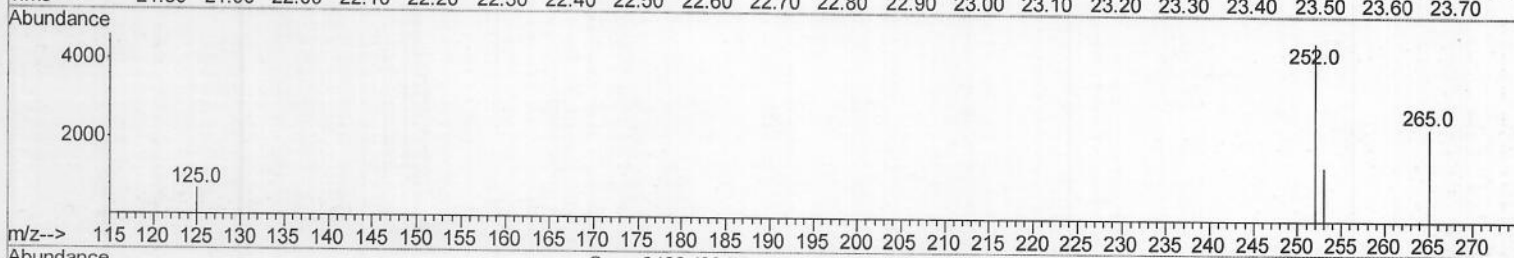
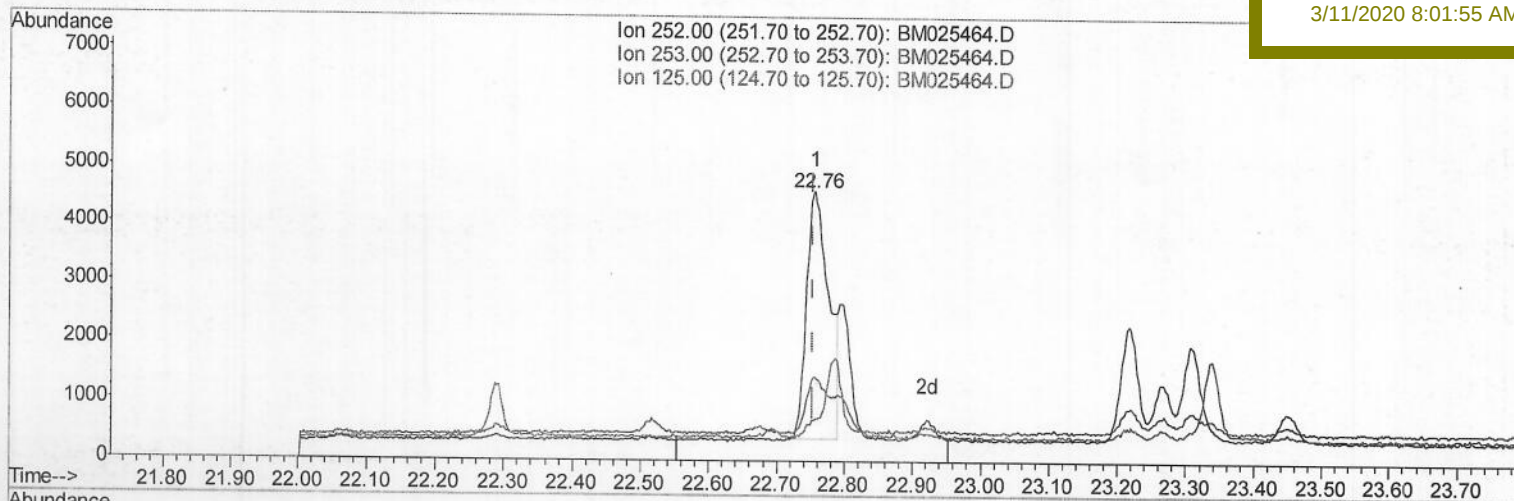
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(21) Benzo(b)fluoranthene

22.757min (+0.002) 0.19ng/ul m 550 03/11/20

response 9305

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.10 | 31.05 |
| 125.00 | 8.80  | 15.46 |
| 0.00   | 0.00  | 0.00  |

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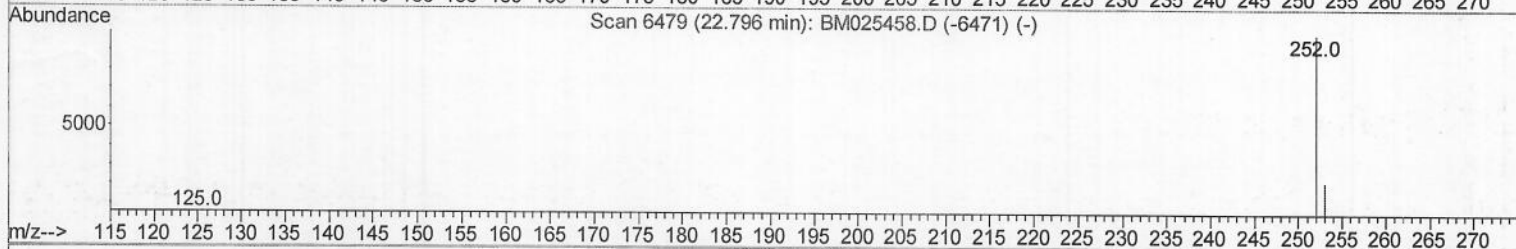
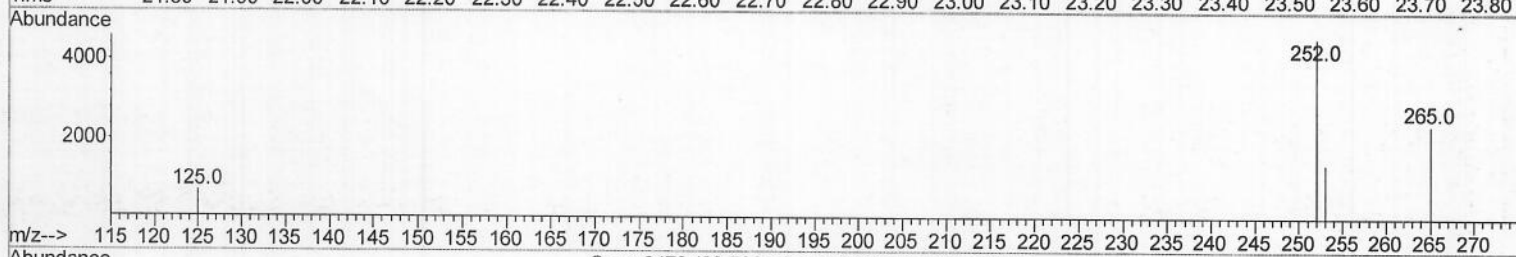
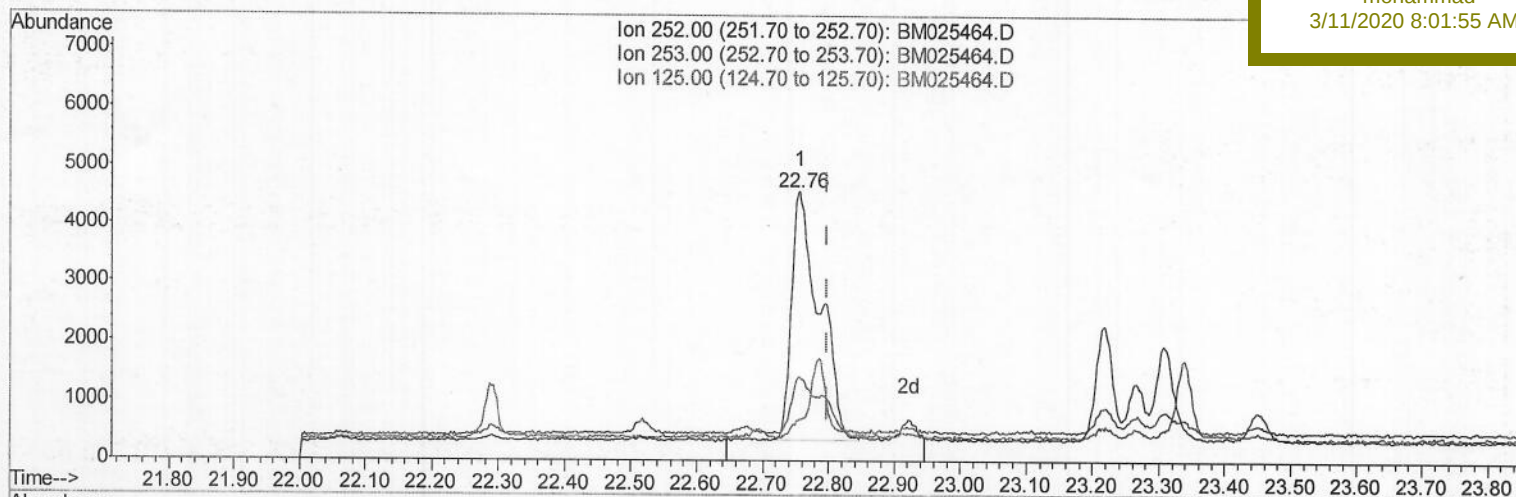
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TIC: BM025464.D

(22) Benzo(k)fluoranthene

22.757min (-0.041) 0.23ng/ul

response 12369

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.80 | 31.05# |
| 125.00 | 8.90  | 15.46# |
| 0.00   | 0.00  | 0.00   |

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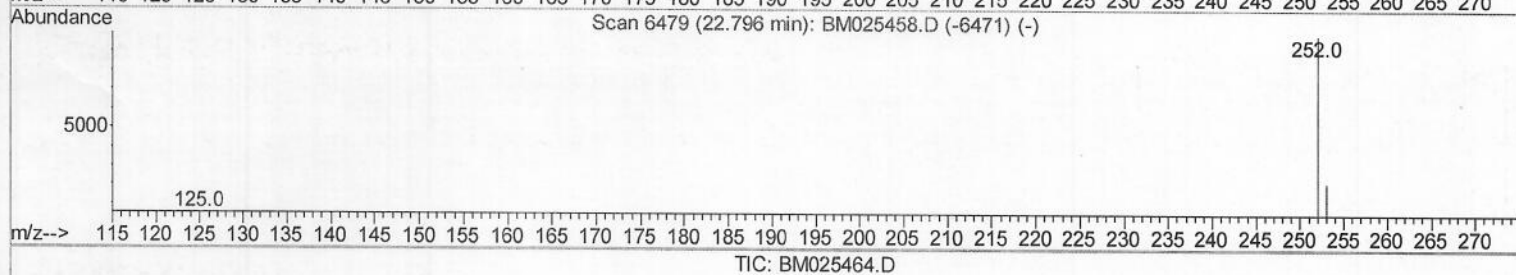
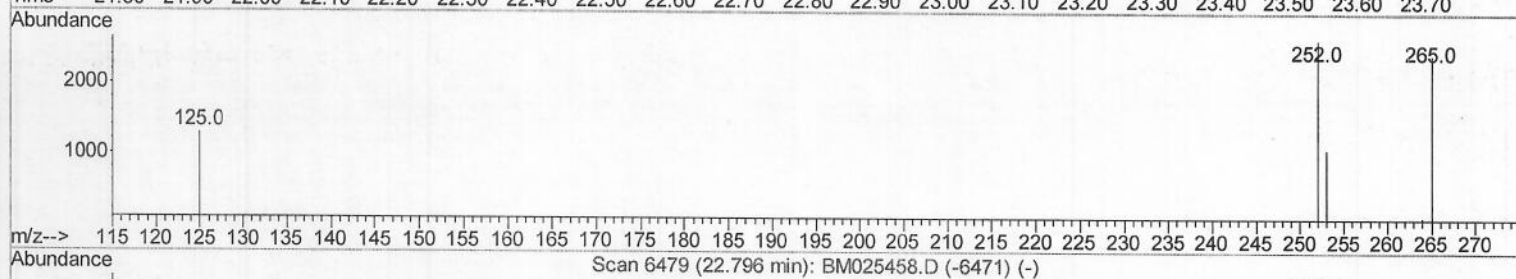
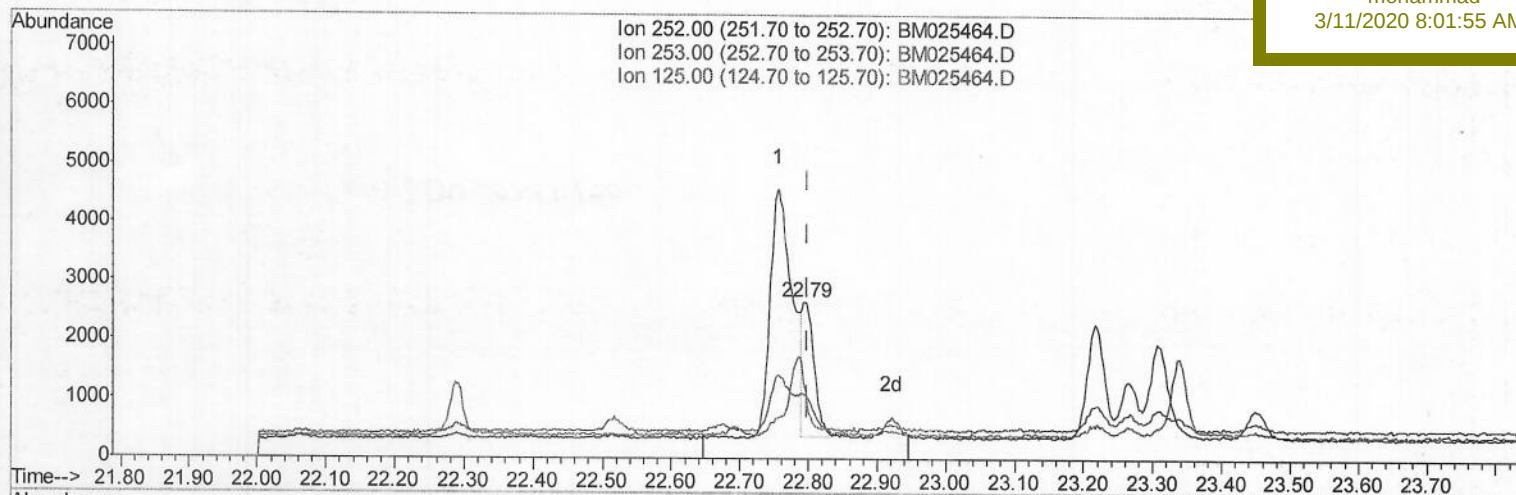
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Instrument :

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(22) Benzo(k)fluoranthene

22.793min (-0.005) 0.05ng/ul m 550 03/11/20

response 2880

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.80 | 40.95# |
| 125.00 | 8.90  | 49.06# |
| 0.00   | 0.00  | 0.00   |

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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)      |
|-----------------------------|-------|------|----------|-------|--------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.66  | 152  | 2676     | 0.40  | ng/ul  | 0.00          |
| 2) Naphthalene-d8           | 10.43 | 136  | 11644    | 0.40  | ng/ul  | 0.00          |
| 6) Acenaphthene-d10         | 14.29 | 164  | 8435     | 0.40  | ng/ul  | 0.00          |
| 10) Phenanthrene-d10        | 17.03 | 188  | 19081    | 0.40  | ng/ul  | 0.00          |
| 16) Chrysene-d12            | 21.22 | 240  | 13994    | 0.40  | ng/ul  | 0.00          |
| 20) Perylene-d12            | 23.40 | 264  | 12696    | 0.40  | ng/ul  | 0.00          |
| System Monitoring Compounds |       |      |          |       |        |               |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 7718     | 0.37  | ng/ul  | 0.00          |
| 14) Fluoranthene-d10        | 19.06 | 212  | 21080    | 0.40  | ng/ul  | 0.00          |
| Target Compounds            |       |      |          |       |        |               |
|                             |       |      |          |       | Ovalue |               |
| 12) Phenanthrene            | 17.07 | 178  | 27315    | 0.452 | ng/ul  | 99            |
| 13) Anthracene              | 17.16 | 178  | 7834     | 0.149 | ng/ul  | 97            |
| 15) Fluoranthene            | 19.09 | 202  | 87708    | 1.338 | ng/ul  | 98            |
| 17) Pyrene                  | 19.45 | 202  | 59494    | 0.947 | ng/ul  | 100           |
| 18) Benzo(a)anthracene      | 21.20 | 228  | 12942    | 0.259 | ng/ul  | 99            |
| 19) Chrysene                | 21.26 | 228  | 12642    | 0.225 | ng/ul  | 98            |
| 21) Benzo(b)fluoranthene    | 22.76 | 252  | 9305m    | 0.185 | ng/ul  | } 50 03/11/20 |
| 22) Benzo(k)fluoranthene    | 22.79 | 252  | 2880m    | 0.055 | ng/ul  |               |
| 23) Benzo(a)pyrene          | 23.31 | 252  | 2938     | 0.070 | ng/ul# | 66            |
| 24) Indeno(1,2,3-cd)pyrene  | 25.58 | 276  | 1600     | 0.028 | ng/ul# | 63            |

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