

# Quantitation Report (Qedit)

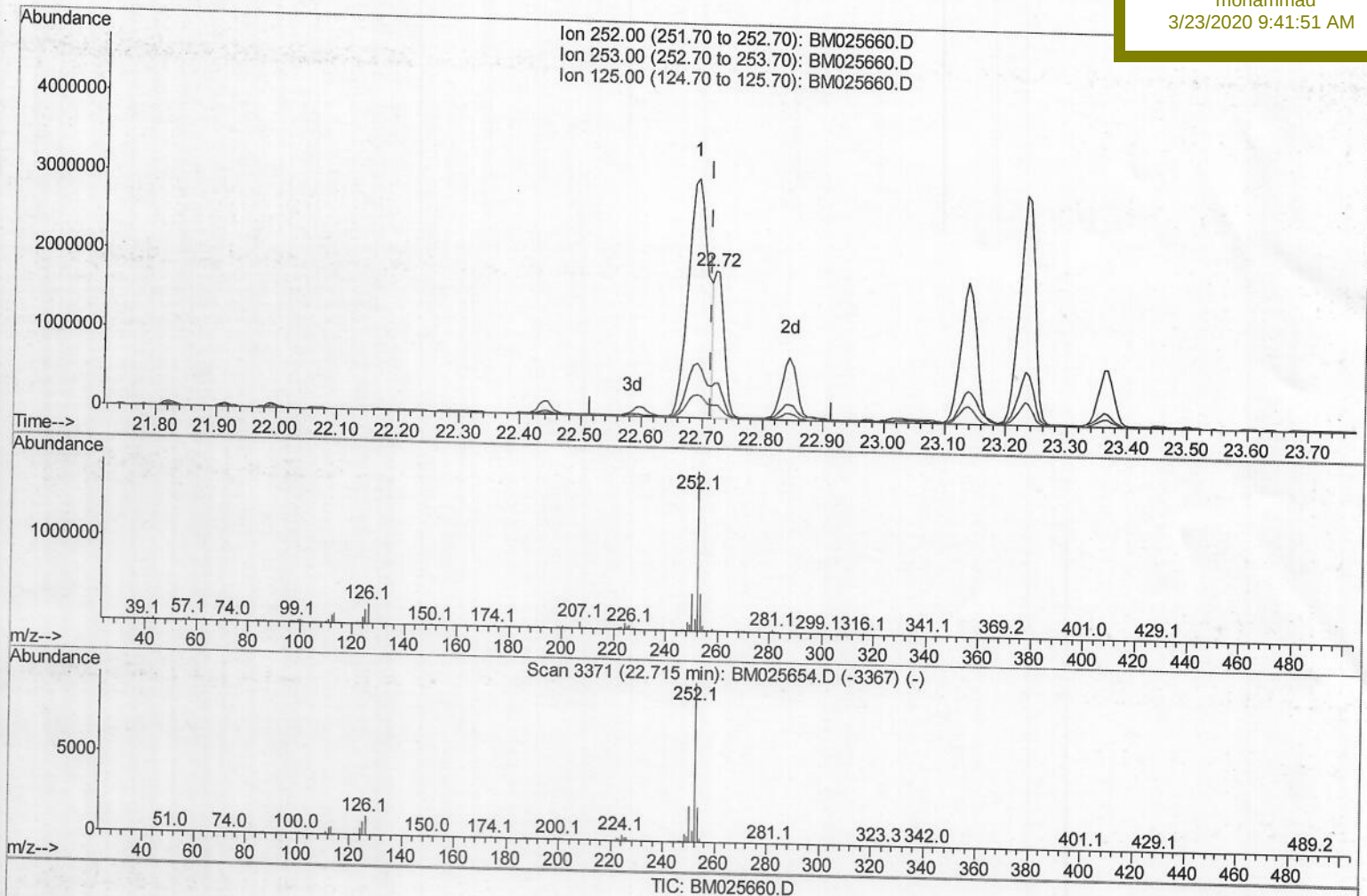
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM032020\  
 Data File : BM025660.D  
 Acq On : 20 Mar 2020 13:59  
 Operator : CG/JU  
 Sample : L1972-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B0AG8

Manual Integrations  
 APPROVED

mohammad  
 3/23/2020 9:41:51 AM

Quant Time: Mar 20 14:41:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 20 11:44:27 2020  
 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

22.720min (+0.005) 26.93ng/ul m

response 2134545

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.10 | 23.66 |
| 125.00 | 8.60  | 9.12  |
| 0.00   | 0.00  | 0.00  |

7 JU  
 03/24/2020

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| Internal Standards             | R.T.  | QIon | Response  | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|-----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.58  | 152  | 188654    | 20.00  | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.34 | 136  | 795212    | 20.00  | ng/ul  | 0.00     |
| 36) Acenaphthene-d10           | 14.22 | 164  | 486600    | 20.00  | ng/ul  | 0.00     |
| 62) Phenanthrene-d10           | 16.96 | 188  | 1017293   | 20.00  | ng/ul  | 0.00     |
| 78) Chrysene-d12               | 21.16 | 240  | 1068211   | 20.00  | ng/ul  | 0.00     |
| 86) Perylene-d12               | 23.32 | 264  | 1289402   | 20.00  | ng/ul  | 0.01     |
| System Monitoring Compounds    |       |      |           |        |        |          |
| 3) 1,4-Dioxane-d8              | 3.15  | 96   | 16324     | 3.63   | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 6.76  | 99   | 361769    | 24.30  | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl) ether-d | 6.92  | 67   | 206990    | 24.36  | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.12  | 132  | 311160    | 25.75  | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.29  | 113  | 305326    | 24.96  | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 8.72  | 128  | 149793    | 25.34  | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.44  | 143  | 160167    | 25.49  | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.97  | 165  | 320315    | 24.93  | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.48 | 131  | 383789    | 25.72  | ng/ul  | 0.00     |
| 44) Dimethylphthalate-d6       | 13.63 | 166  | 939547    | 25.41  | ng/ul  | 0.00     |
| 47) Acenaphthylene-d8          | 13.90 | 160  | 1171881   | 26.45  | ng/ul  | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.42 | 143  | 141713    | 20.13  | ng/ul  | 0.00     |
| 58) Fluorene-d10               | 15.22 | 176  | 842408    | 25.95  | ng/ul  | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.34 | 200  | 96365     | 15.53  | ng/ul  | 0.00     |
| 71) Anthracene-d10             | 17.06 | 188  | 1312924   | 27.63  | ng/ul  | 0.00     |
| 79) Pyrene-d10                 | 19.36 | 212  | 1437843   | 28.02  | ng/ul  | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.19 | 264  | 1812373   | 27.45  | ng/ul  | 0.01     |
| Target Compounds               |       |      |           |        |        |          |
| 28) Naphthalene                | 10.40 | 128  | 47298     | 1.092  | ng/ul# | 96       |
| 45) Dimethylphthalate          | 13.68 | 163  | 82157     | 2.134  | ng/ul  | 99       |
| 48) Acenaphthylene             | 13.93 | 152  | 850282    | 17.719 | ng/ul  | 99       |
| 50) Acenaphthene               | 14.28 | 153  | 66693     | 2.044  | ng/ul  | 99       |
| 54) Dibenzofuran               | 14.62 | 168  | 48514     | 1.048  | ng/ul  | 98       |
| 59) Fluorene                   | 15.27 | 166  | 97820     | 2.513  | ng/ul  | 99       |
| 70) Phenanthrene               | 17.00 | 178  | 1938348   | 32.371 | ng/ul  | 99       |
| 72) Anthracene                 | 17.10 | 178  | 694786    | 11.385 | ng/ul  | 99       |
| 75) Carbazole                  | 17.36 | 167  | 138417    | 2.595  | ng/ul  | 99       |
| 77) Fluoranthene               | 19.03 | 202  | 6072032   | 86.028 | ng/ul  | 98       |
| 80) Pyrene                     | 19.39 | 202  | 5774335   | 80.487 | ng/ul  | 97       |
| 83) Benzo(a)anthracene         | 21.14 | 228  | 4578523m> | 65.011 | ng/ul  | 95       |
| 84) Bis(2-ethylhexyl)phthalate | 21.10 | 149  | 75762     | 1.788  | ng/ul  | 98       |
| 85) Chrysene                   | 21.20 | 228  | 4101552   | 59.359 | ng/ul  | 98       |
| 88) Benzo(b)fluoranthene       | 22.69 | 252  | 7113733   | 88.423 | ng/ul  | 98       |
| 89) Benzo(k)fluoranthene       | 22.72 | 252  | 2134545m> | 26.933 | ng/ul  | 97       |
| 91) Benzo(a)pyrene             | 23.23 | 252  | 5144074   | 70.261 | ng/ul  | 97       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.46 | 276  | 3681709   | 38.078 | ng/ul  | 97       |
| 93) Dibenzo(a,h)anthracene     | 25.46 | 278  | 963246    | 11.765 | ng/ul# | 83       |
| 94) Benzo(a,h,i)perylene       | 26.11 | 276  | 2495121   | 31.311 | ng/ul  | 99       |

JU  
 03/24/2020

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

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QLast Update : Fri Mar 20 11:44:27 2020  
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Instrument :

BNA\_M

Client Sampled :

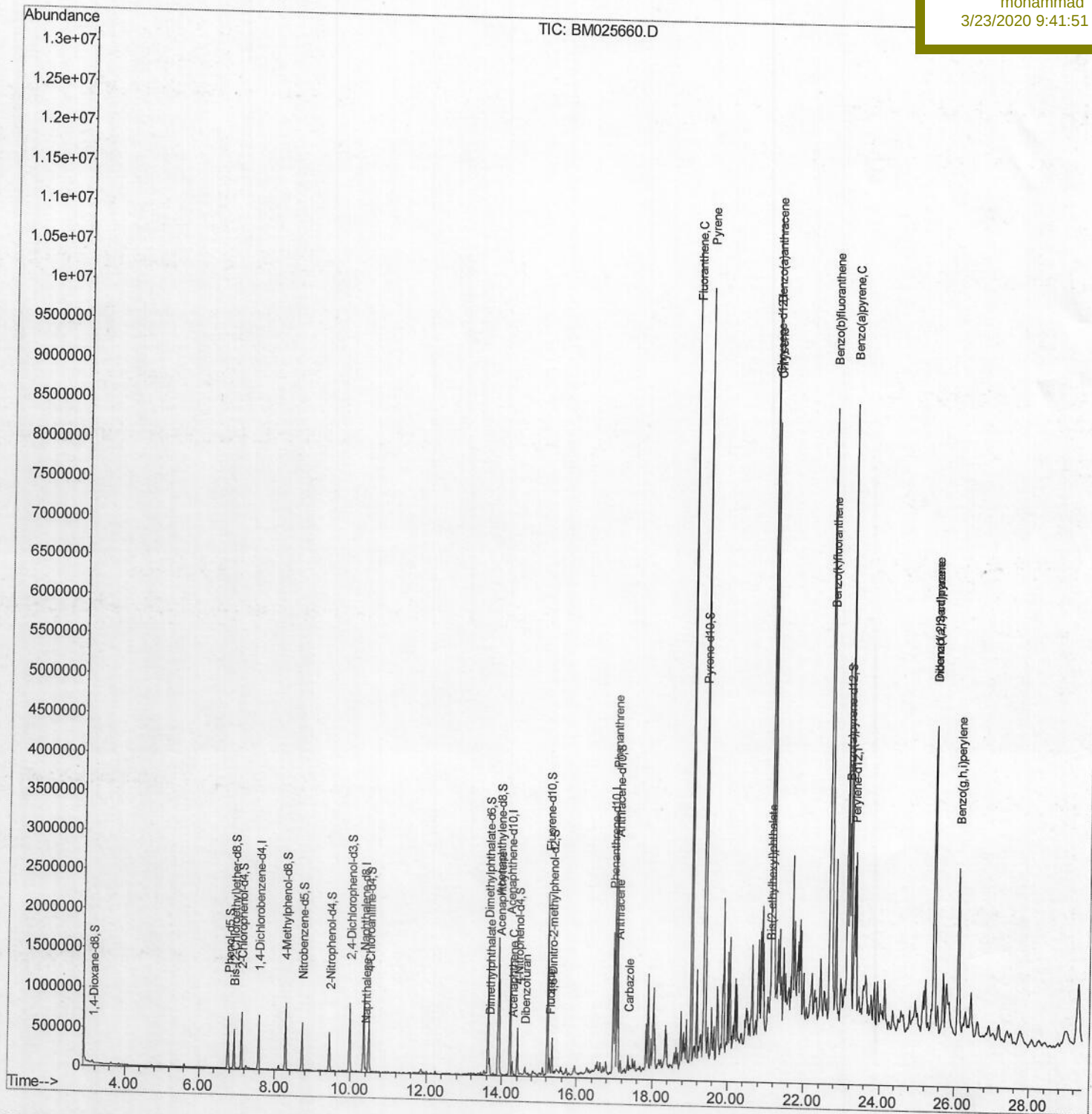
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Manual Integrations

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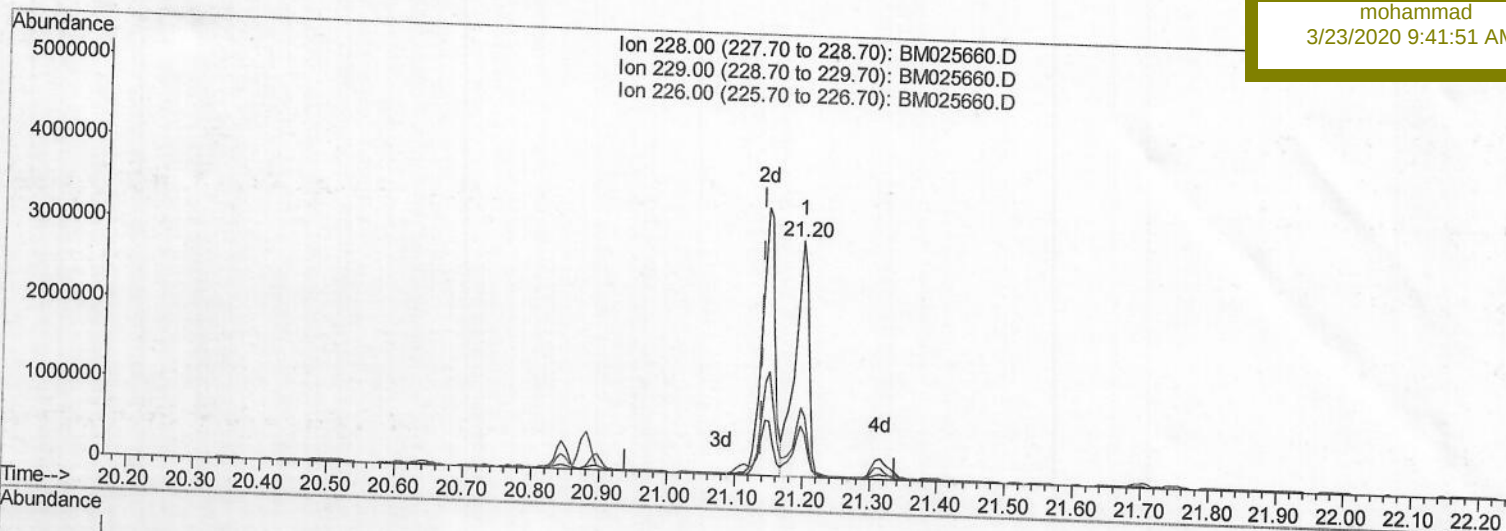
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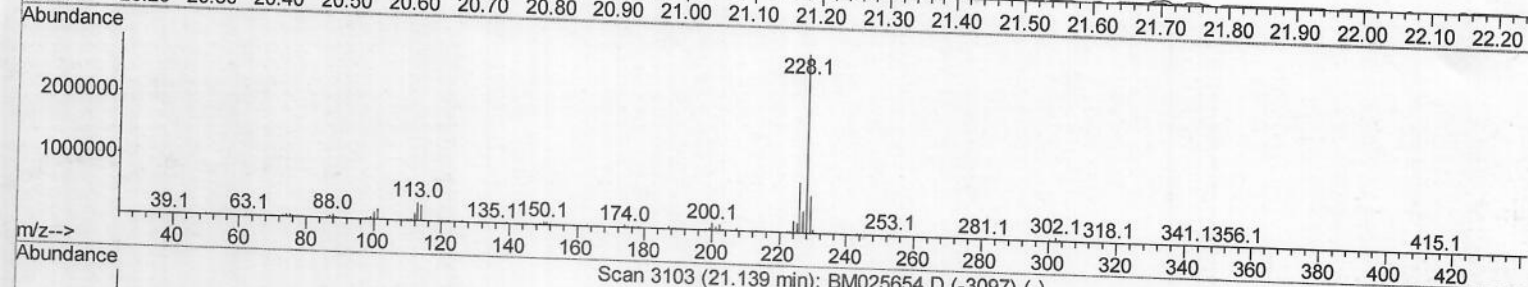
Instrument :  
 BNA\_M  
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Manual Integrations  
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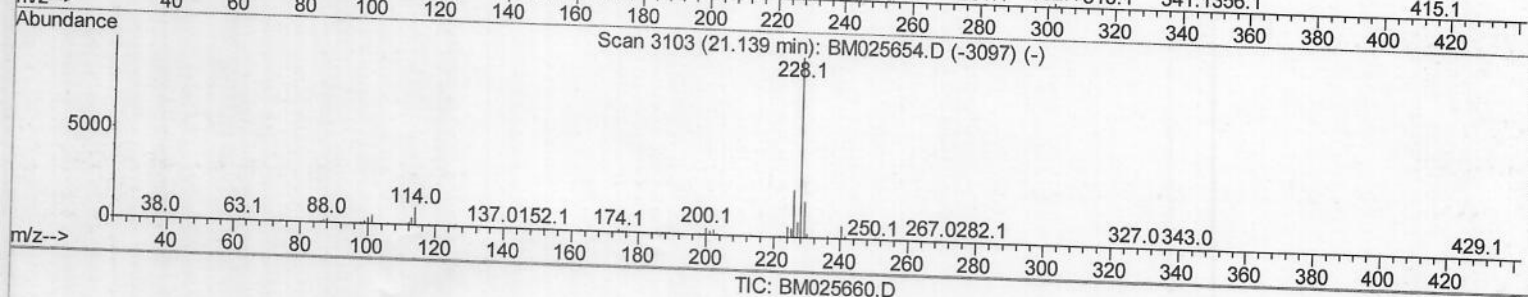
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Ion 228.00 (227.70 to 228.70): BM025660.D  
 Ion 229.00 (228.70 to 229.70): BM025660.D  
 Ion 226.00 (225.70 to 226.70): BM025660.D



Scan 3103 (21.139 min): BM025654.D (-3097) (-)



TIC: BM025660.D

(83) Benzo(a)anthracene

21.197min (+0.058) 58.24ng/ul

response 4101552

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 19.40 | 21.31 |
| 226.00 | 26.30 | 28.84 |
| 0.00   | 0.00  | 0.00  |

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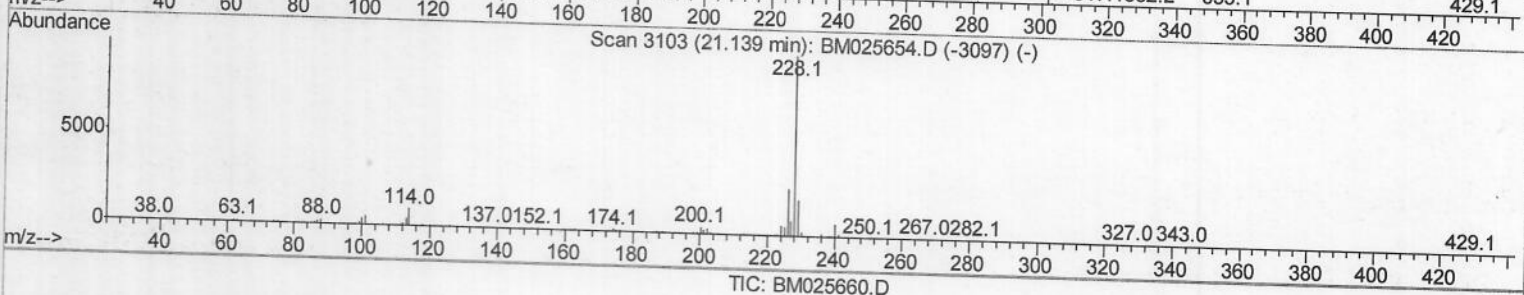
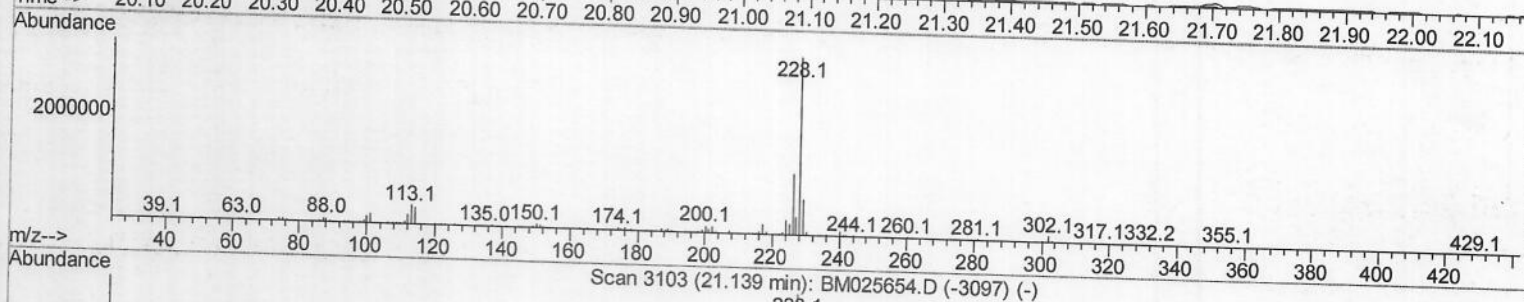
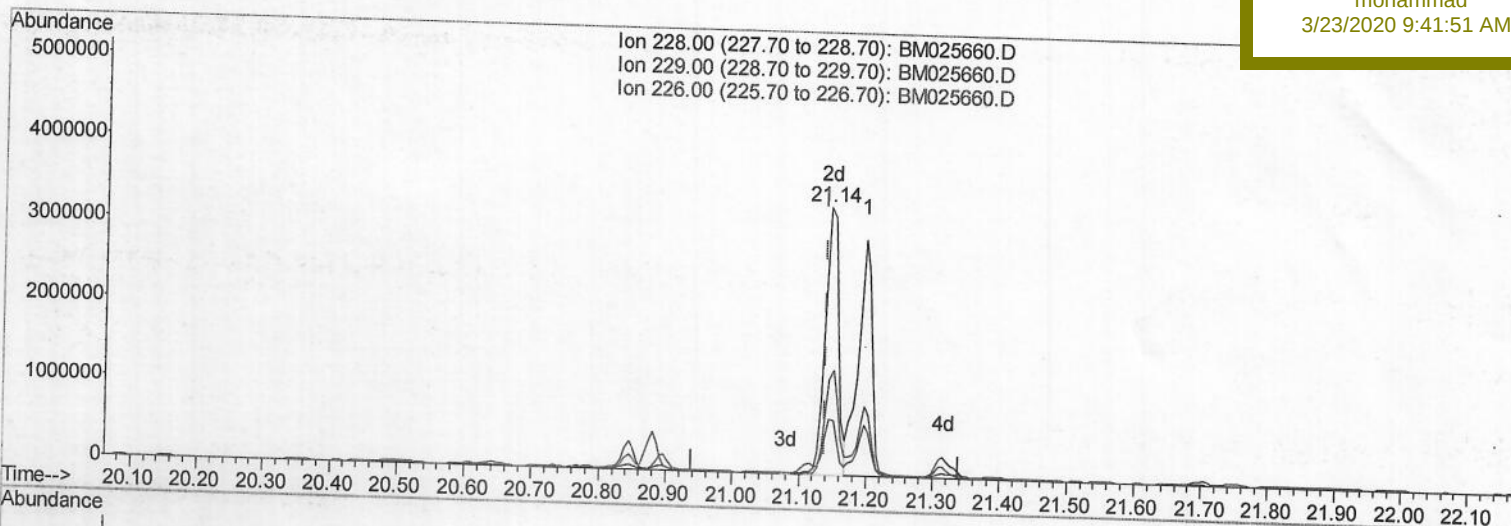
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(83) Benzo(a)anthracene

21.144min (+0.005) 65.01ng/ul m<sup>2</sup> JU

response 4578523

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 19.40 | 20.69  |
| 226.00 | 26.30 | 34.97# |
| 0.00   | 0.00  | 0.00   |

03/24/2020

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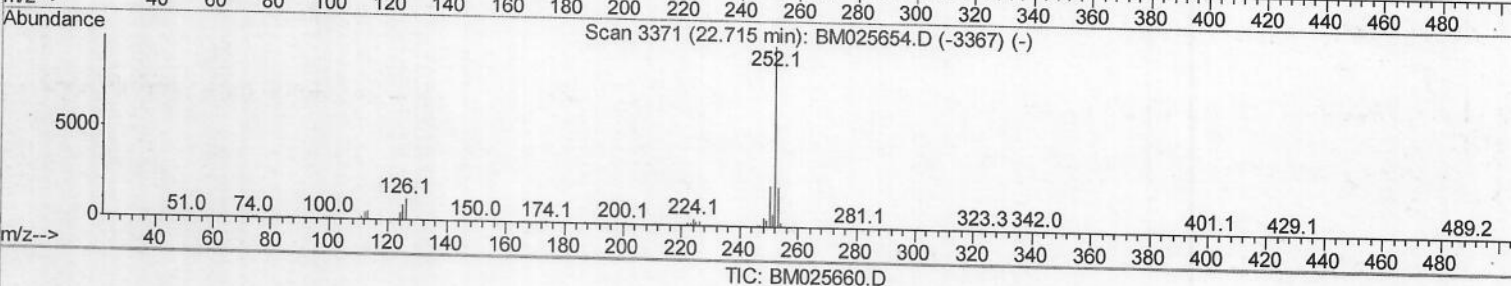
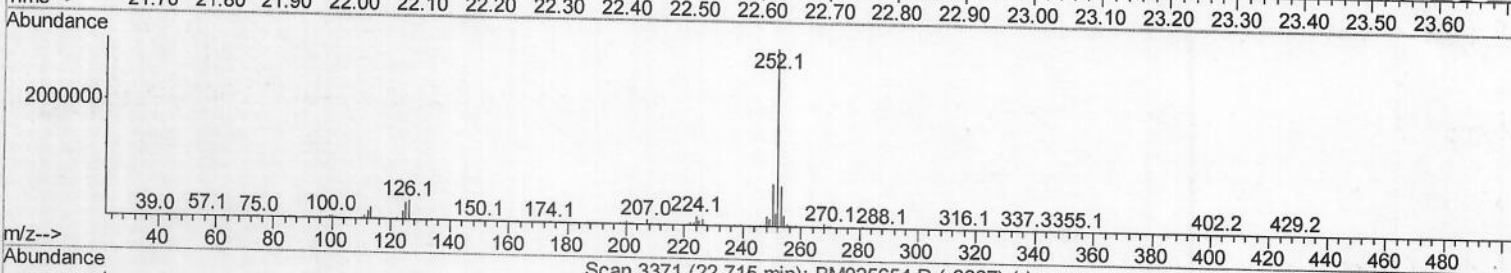
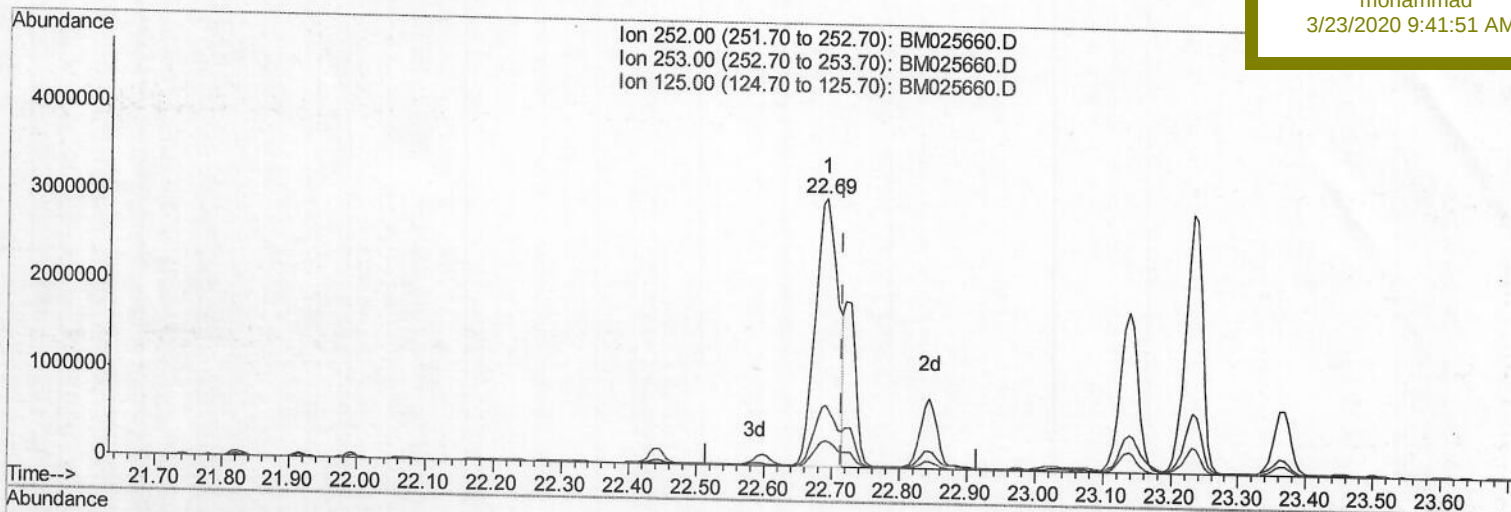
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TIC: BM025660.D

(89) Benzo(k)fluoranthene

22.691min (-0.024) 89.76ng/ul

response 7113733

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.10 | 22.82 |
| 125.00 | 8.60  | 9.56  |
| 0.00   | 0.00  | 0.00  |