

# Quantitation Report (Qedit)

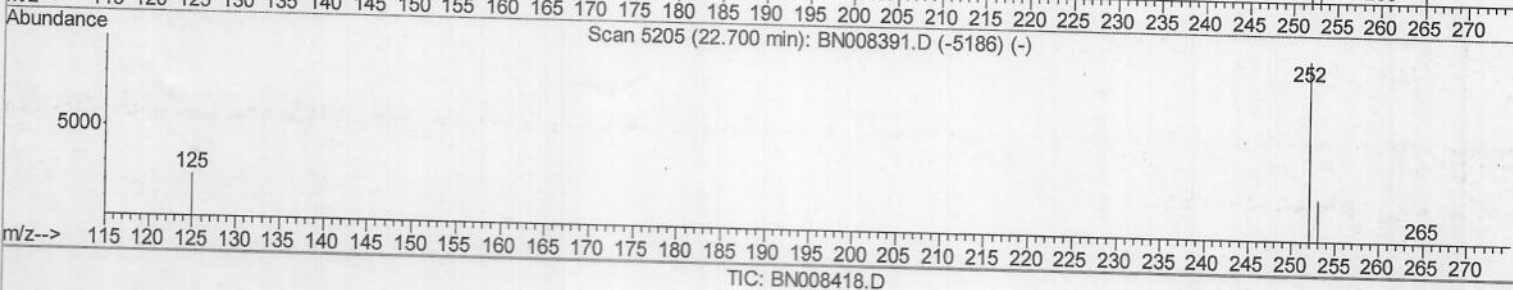
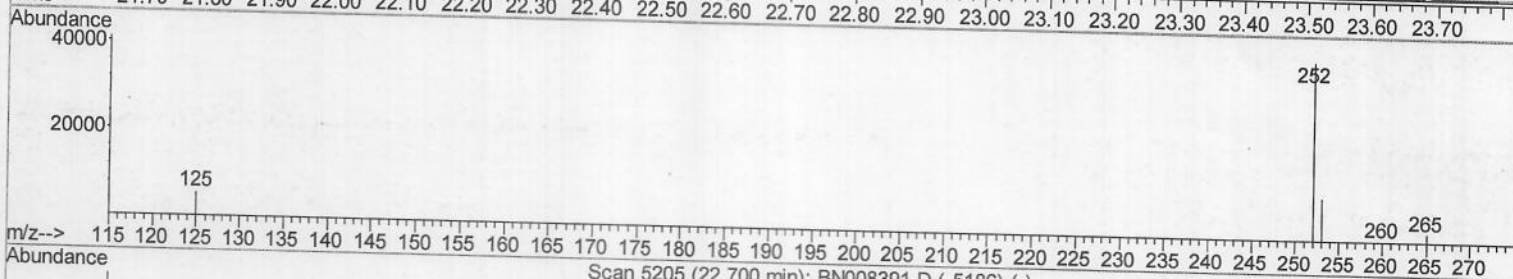
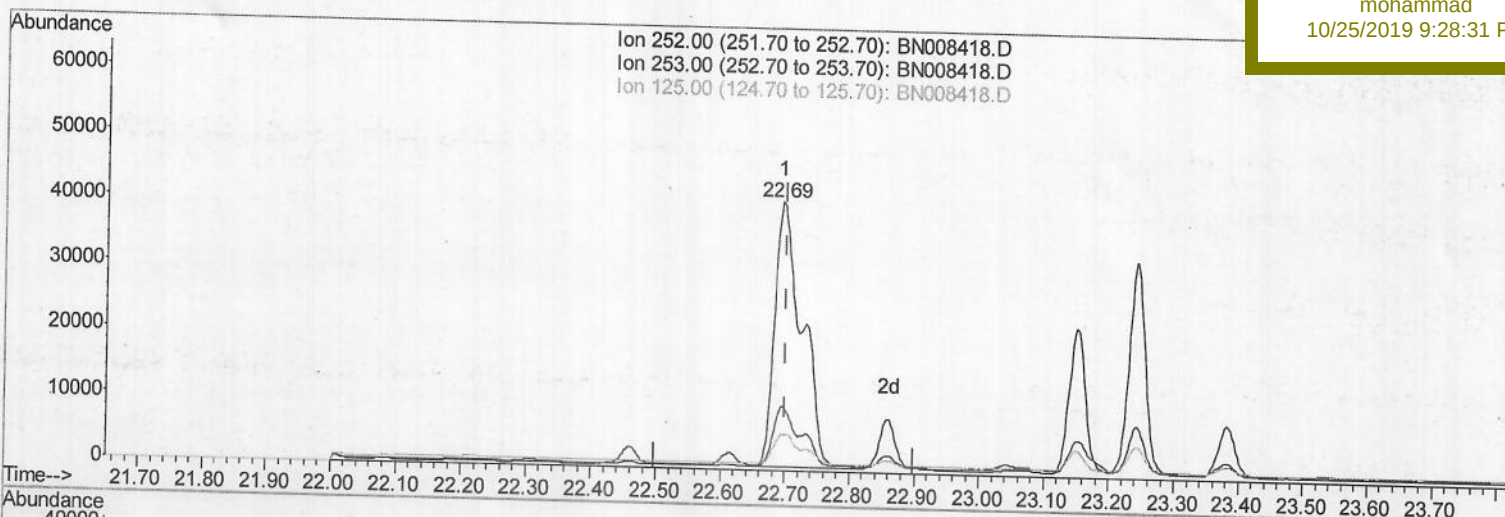
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102419\  
 Data File : BN008418.D  
 Acq On : 25 Oct 2019 09:18  
 Operator : JU  
 Sample : K5236-11DL 5X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Oct 25 12:10:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN101019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 25 00:45:13 2019  
 Response via : Initial Calibration

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BEPM1DL

Manual Integrations  
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(21) Benzo(b)fluoranthene  
 22.694min (-0.006) 3.74ng/ul  
 response 119713

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.70 | 24.03 |
| 125.00 | 16.20 | 13.62 |
| 0.00   | 0.00  | 0.00  |

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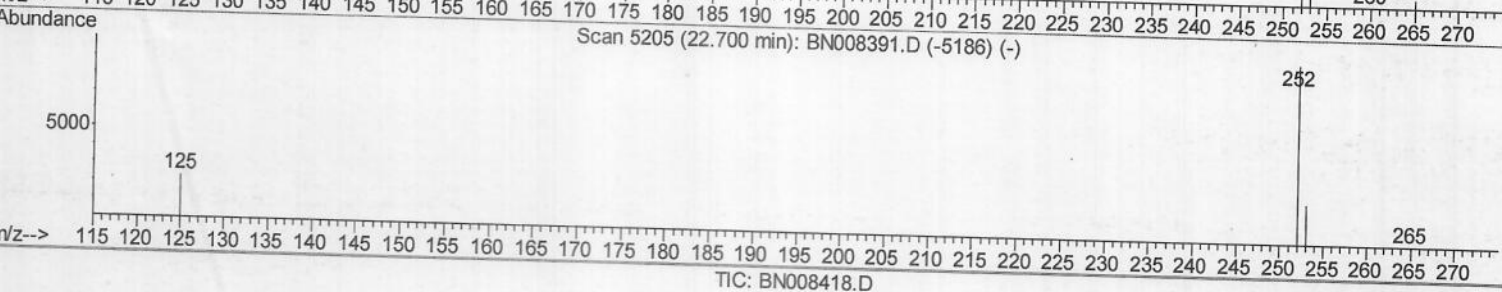
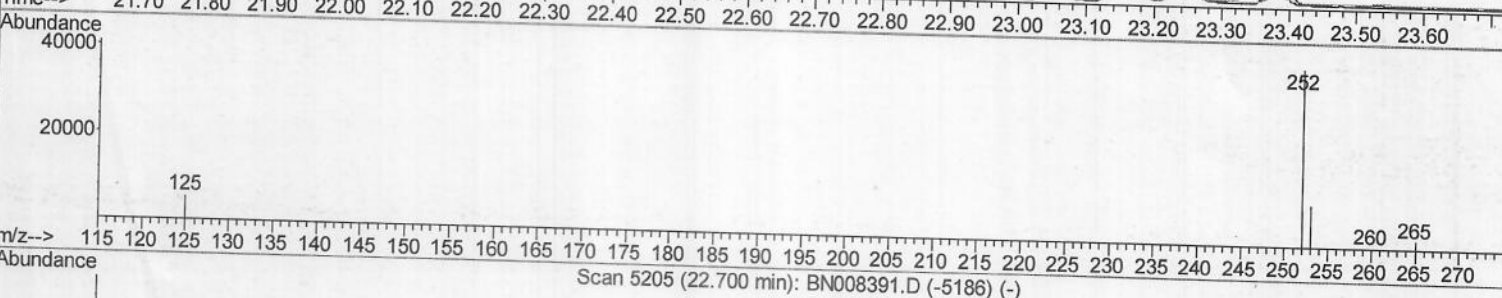
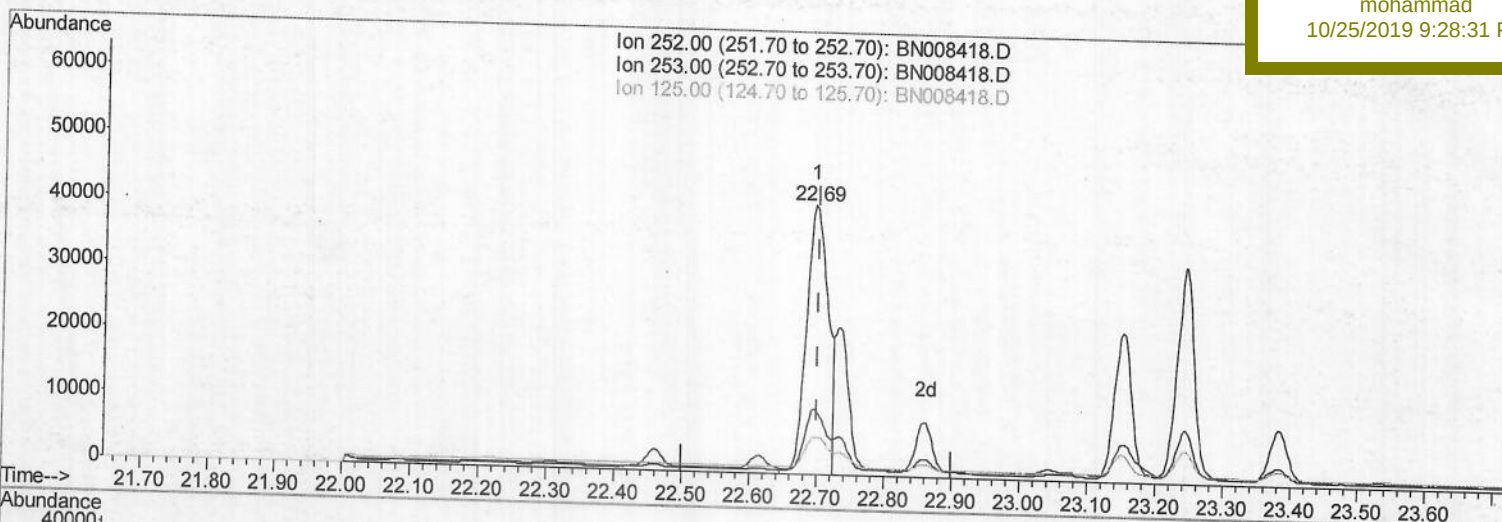
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(21) Benzo(b)fluoranthene

22.694min (-0.006) 2.83ng/ul m →

response 90451

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.70 | 24.03 |
| 125.00 | 16.20 | 13.62 |
| 0.00   | 0.00  | 0.00  |

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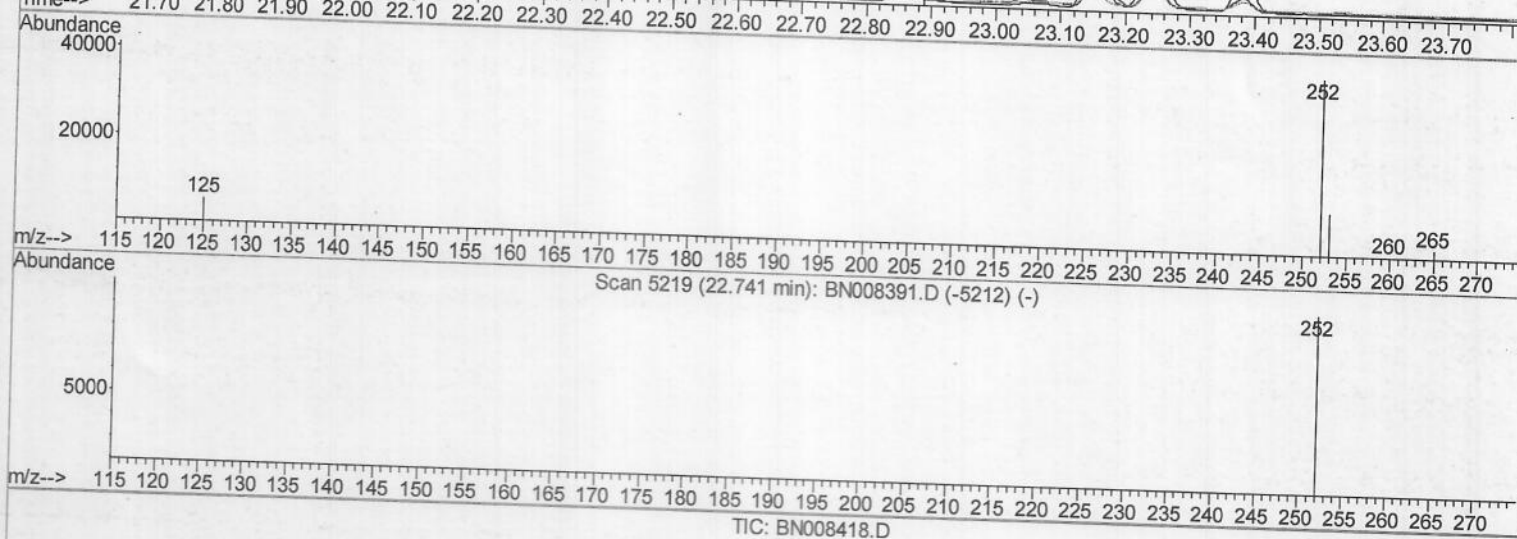
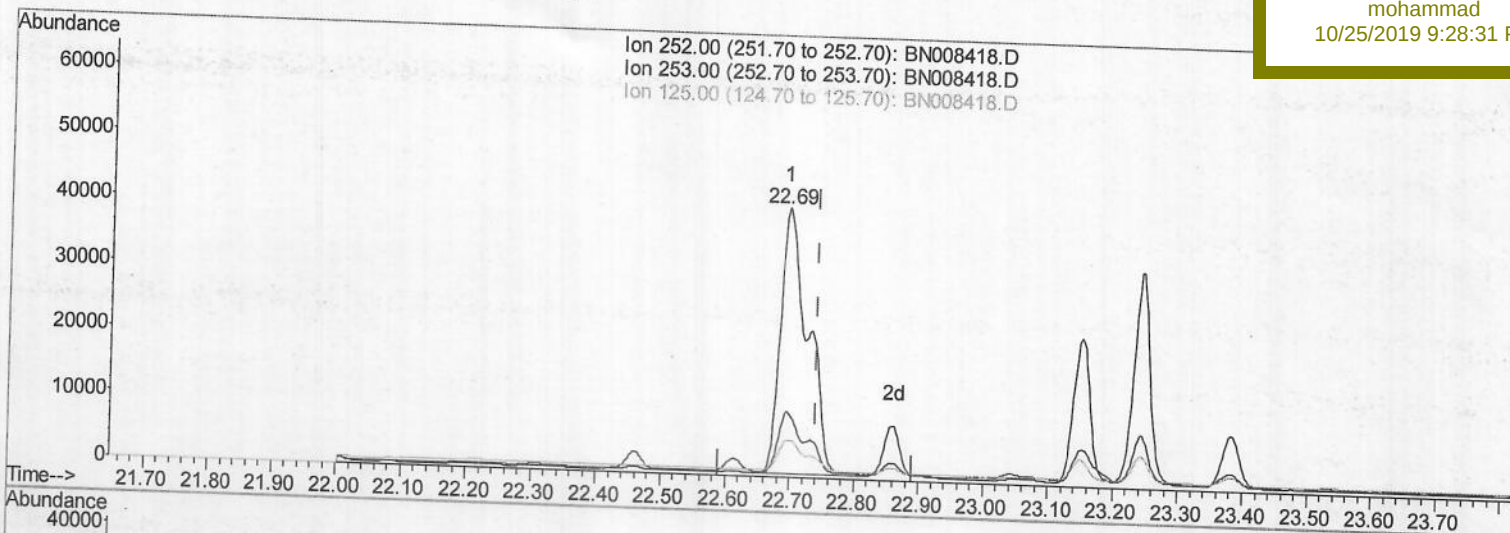
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(22) Benzo(k)fluoranthene  
 22.694min (-0.047) 3.30ng/ul  
 response 119655

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 24.03 |
| 125.00 | 15.40 | 13.62 |
| 0.00   | 0.00  | 0.00  |

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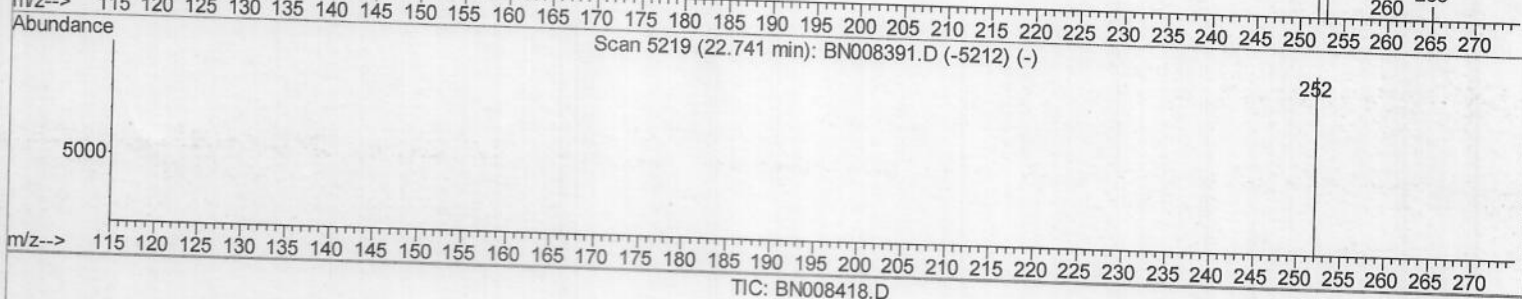
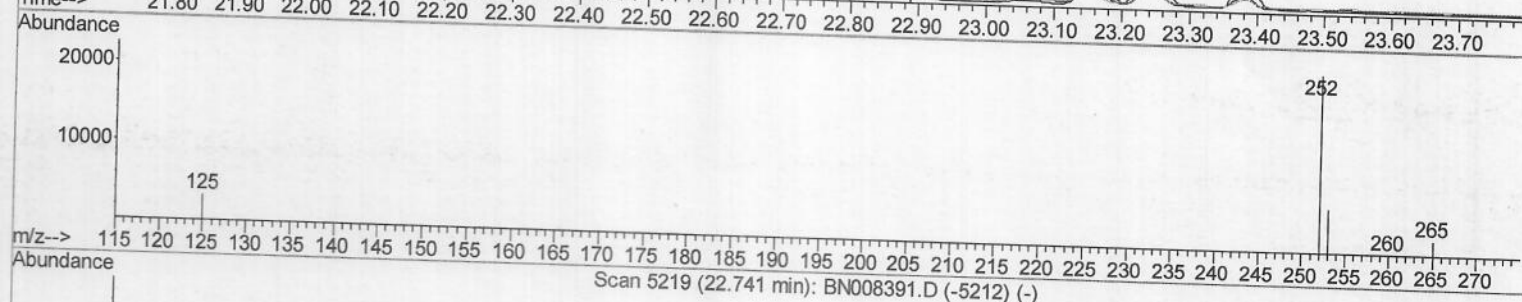
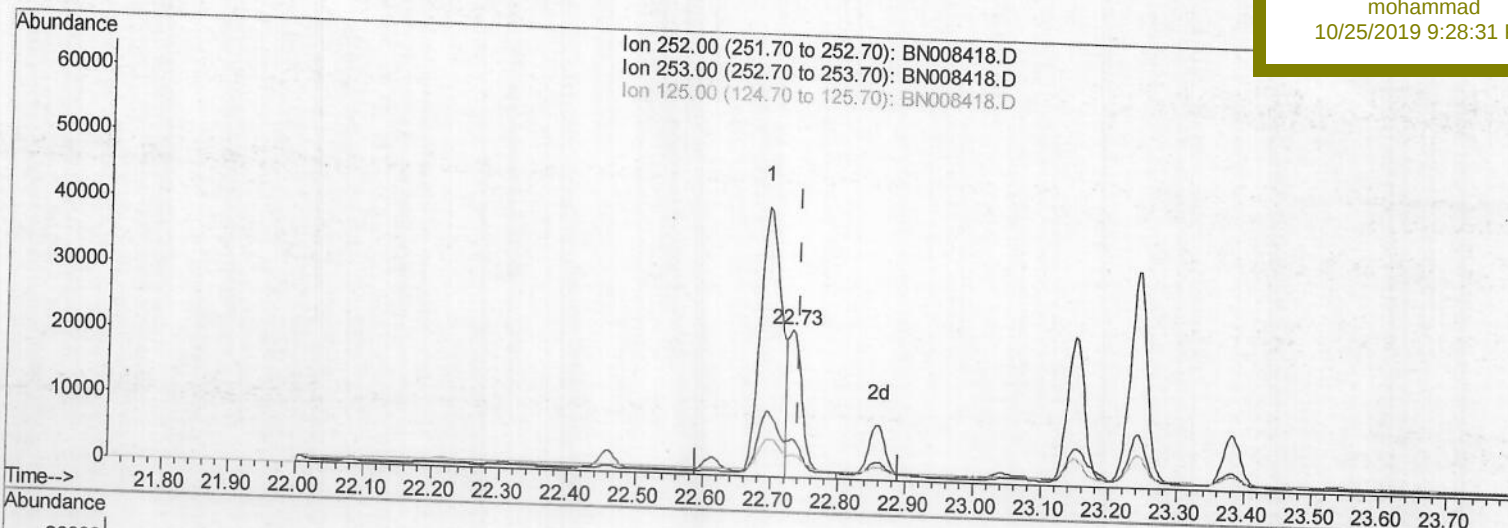
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(22) Benzo(k)fluoranthene

22.732min (-0.009) 0.92ng/ul m →

response 33483

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 25.58 |
| 125.00 | 15.40 | 14.65 |
| 0.00   | 0.00  | 0.00  |

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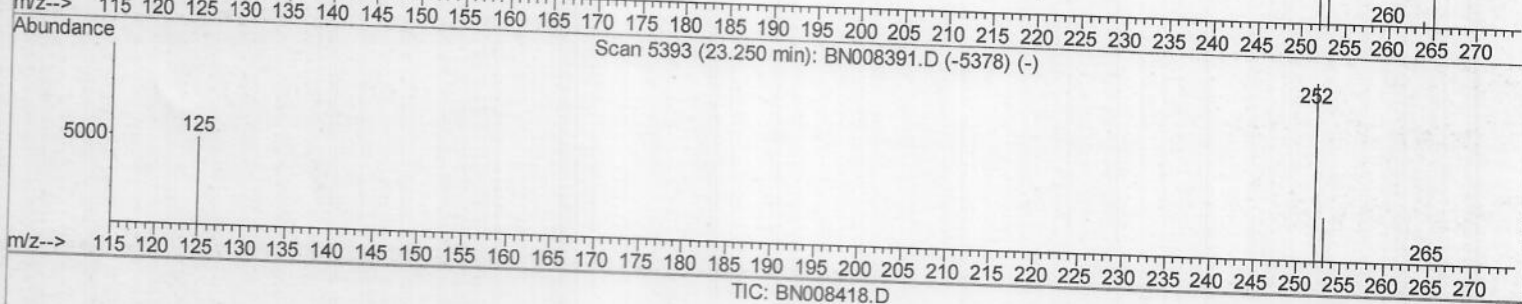
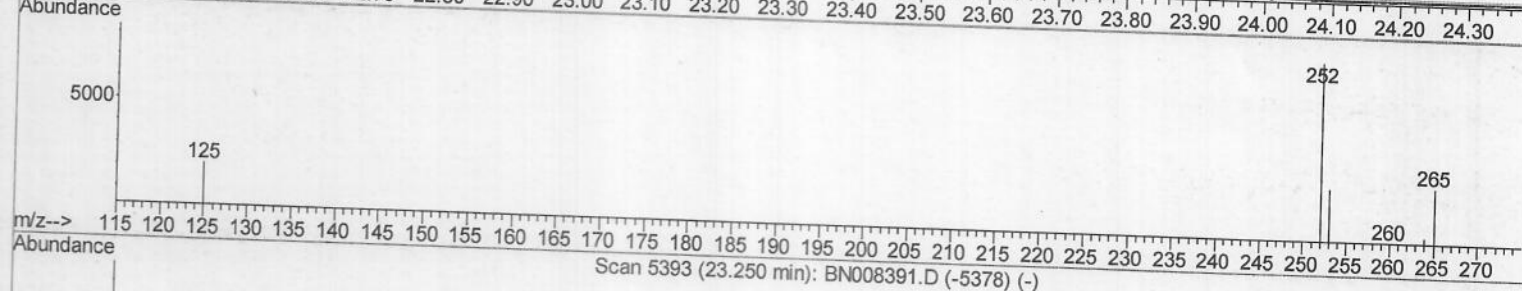
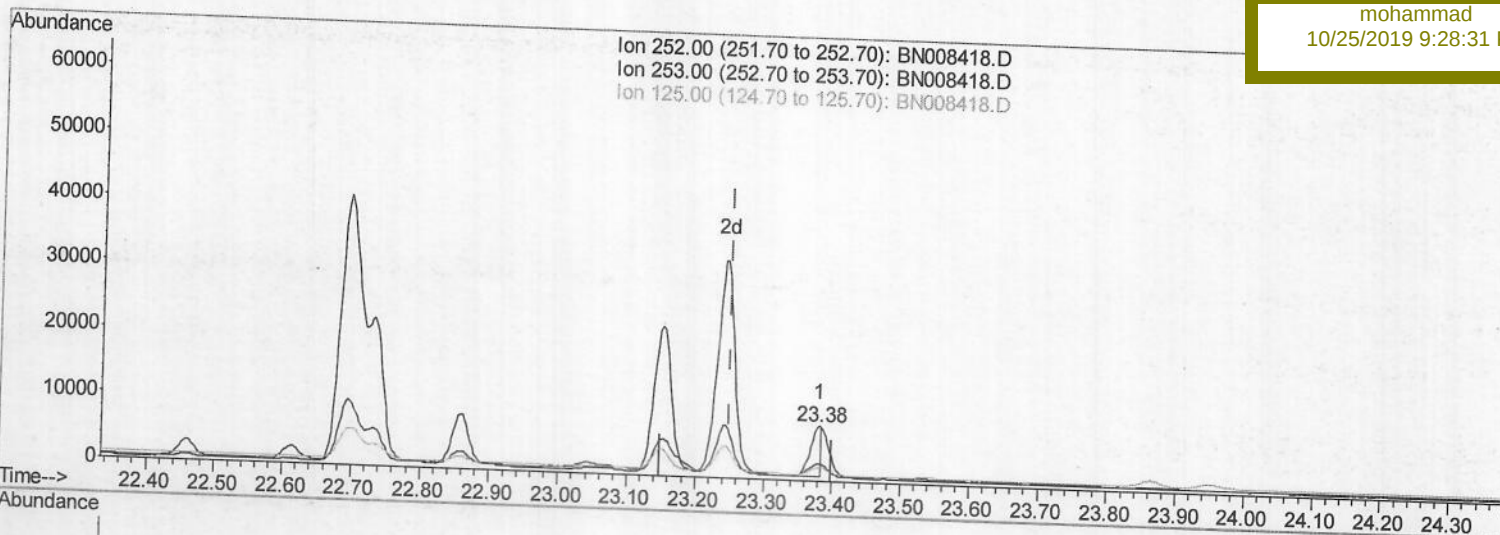
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(23) Benzo(a)pyrene (C)

23.381min (+0.132) 0.25ng/ul

response 8278

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 28.50 | 31.59 |
| 125.00 | 23.00 | 25.16 |
| 0.00   | 0.00  | 0.00  |

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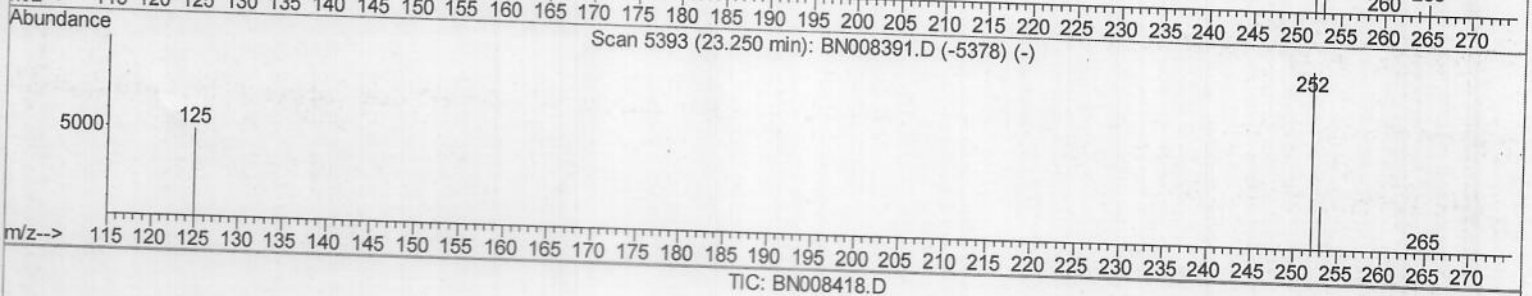
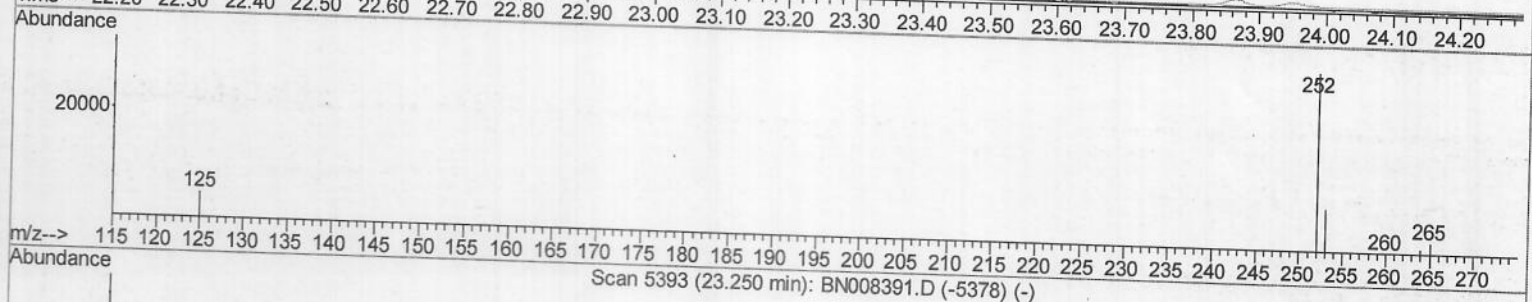
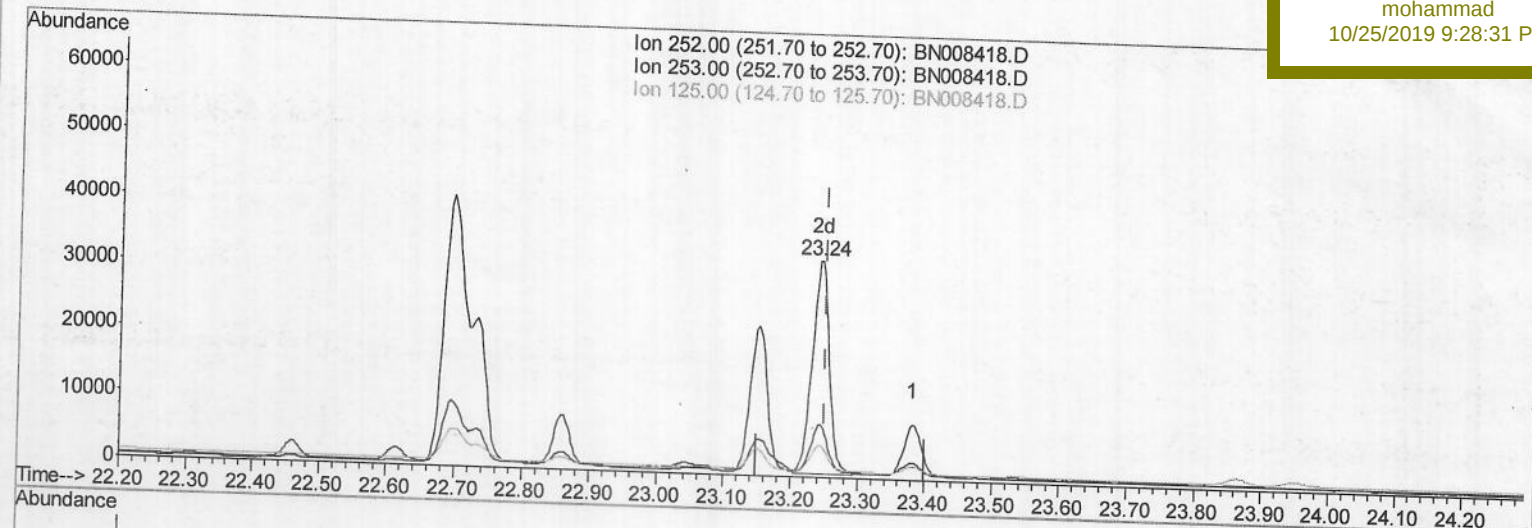
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 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
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 Client Sample Id :  
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(23) Benzo(a)pyrene (C)

23.244min (-0.006) 1.68ng/ul m

response 56459

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 28.50 | 24.40  |
| 125.00 | 23.00 | 14.78# |
| 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   | 7.57  | 152  | 2134     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.33 | 136  | 10839    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.21 | 164  | 7107     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.96 | 188  | 15099    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.17 | 240  | 12403    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.34 | 264  | 9830     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.94 | 152  | 559      | 0.03  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.00 | 212  | 1899     | 0.04  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 10.38 | 128  | 1662     | 0.054 | ng/ul# | 88       |
| 5) 2-Methylnaphthalene      | 12.02 | 142  | 1423     | 0.067 | ng/ul  | 100      |
| 7) Acenaphthylene           | 13.93 | 152  | 8385     | 0.248 | ng/ul  | 99       |
| 8) Acenaphthene             | 14.27 | 153  | 2793     | 0.106 | ng/ul  | 97       |
| 9) Fluorene                 | 15.26 | 166  | 5911     | 0.198 | ng/ul  | 97       |
| 12) Phenanthrene            | 17.00 | 178  | 101192   | 2.289 | ng/ul  | 99       |
| 13) Anthracene              | 17.09 | 178  | 18269    | 0.470 | ng/ul  | 99       |
| 15) Fluoranthene            | 19.03 | 202  | 198711   | 3.403 | ng/ul  | 100      |
| 17) Pyrene                  | 19.39 | 202  | 154650   | 3.132 | ng/ul  | 100      |
| 18) Benzo(a)anthracene      | 21.15 | 228  | 80724    | 1.790 | ng/ul  | 98       |
| 19) Chrysene                | 21.20 | 228  | 80244    | 1.450 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.69 | 252  | 90451m   | 2.827 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.73 | 252  | 33483m   | 0.924 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.24 | 252  | 56459m   | 1.677 | ng/ul  |          |
| 24) Indeno(1,2,3-cd)pyrene  | 25.49 | 276  | 35327    | 0.891 | ng/ul  | 99       |
| 25) Dibenzo(a,h)anthracene  | 25.49 | 278  | 8897     | 0.284 | ng/ul# | 85       |
| 26) Benzo(g,h,i)perylene    | 26.14 | 276  | 32626    | 0.897 | ng/ul  | 98       |

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

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