

# Quantitation Report (QT Reviewed)

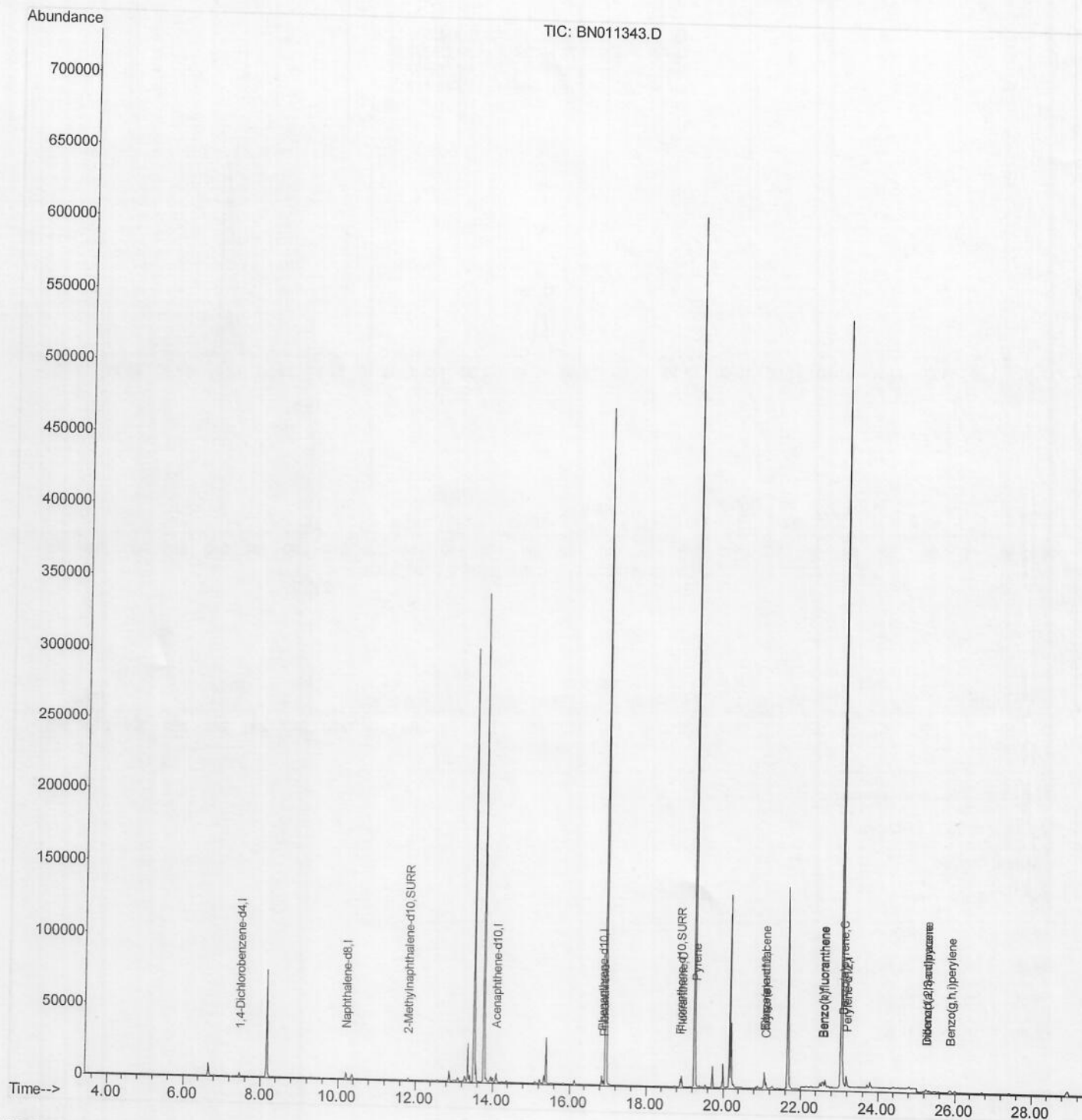
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN080320\  
 Data File : BN011343.D  
 Acq On : 03 Aug 2020 21:15  
 Operator : CG/JU  
 Sample : L3391-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AE3

Manual Integrations  
 APPROVED

mohammad  
 8/5/2020 10:27:39 AM

Quant Time: Aug 04 11:24:14 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 03 10:06:56 2020  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

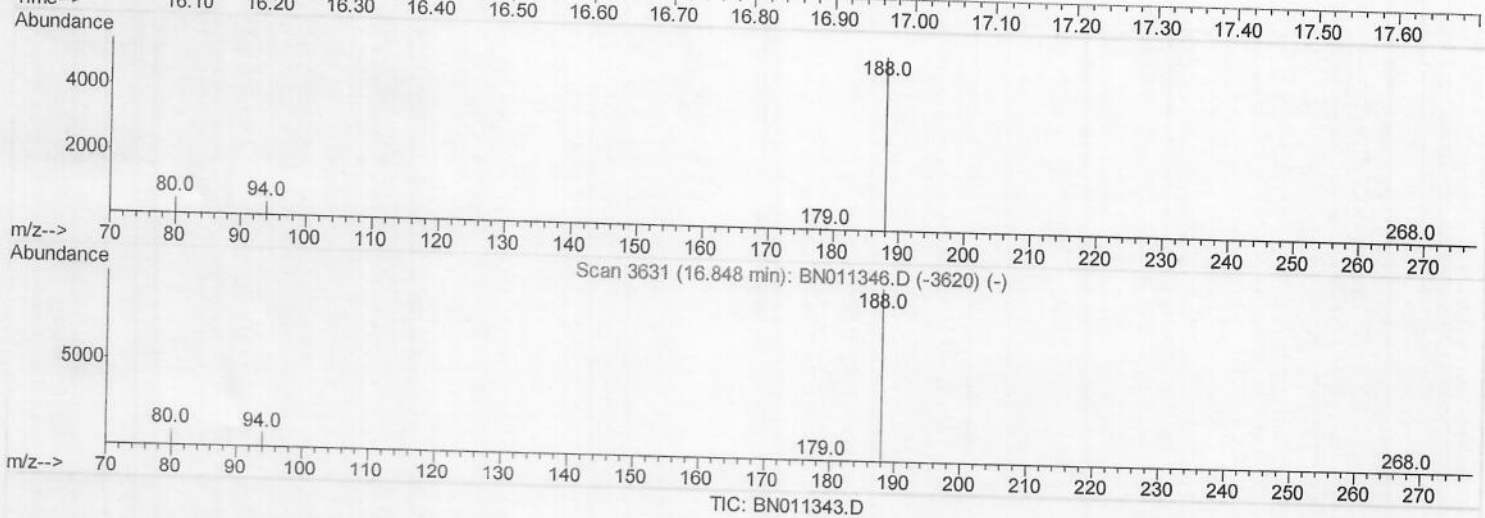
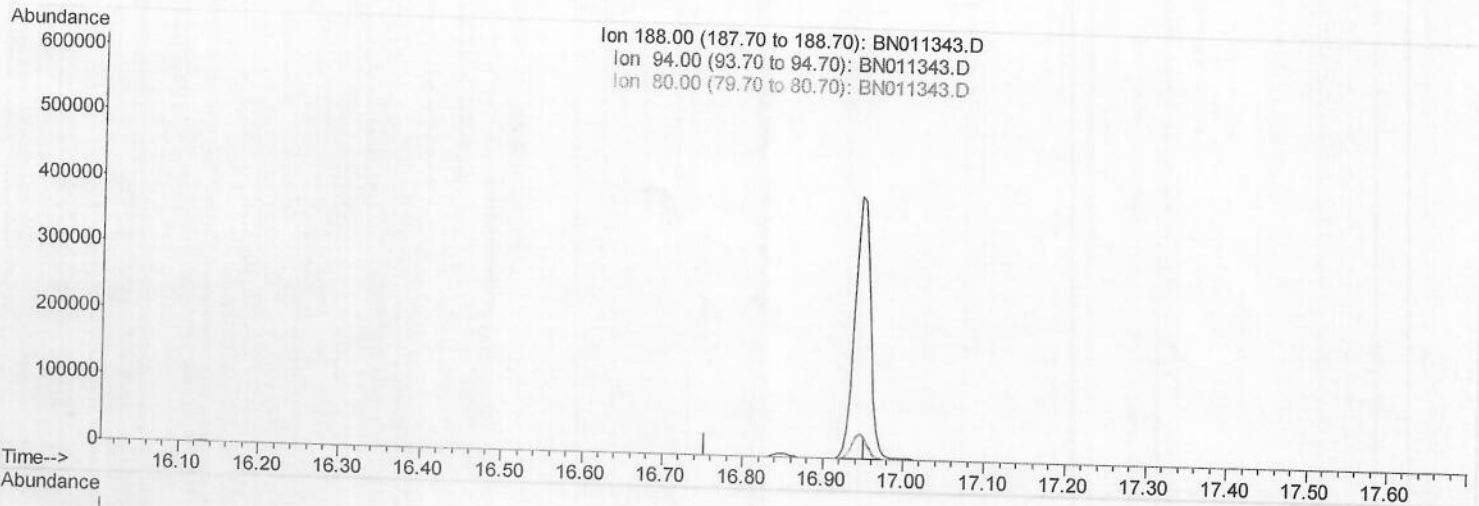
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(10) Phenanthrene-d10 (I)

16.853min (-16.853) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 0.00  |
| 94.00  | 8.90  | 0.00# |
| 80.00  | 10.30 | 0.00# |
| 0.00   | 0.00  | 0.00  |

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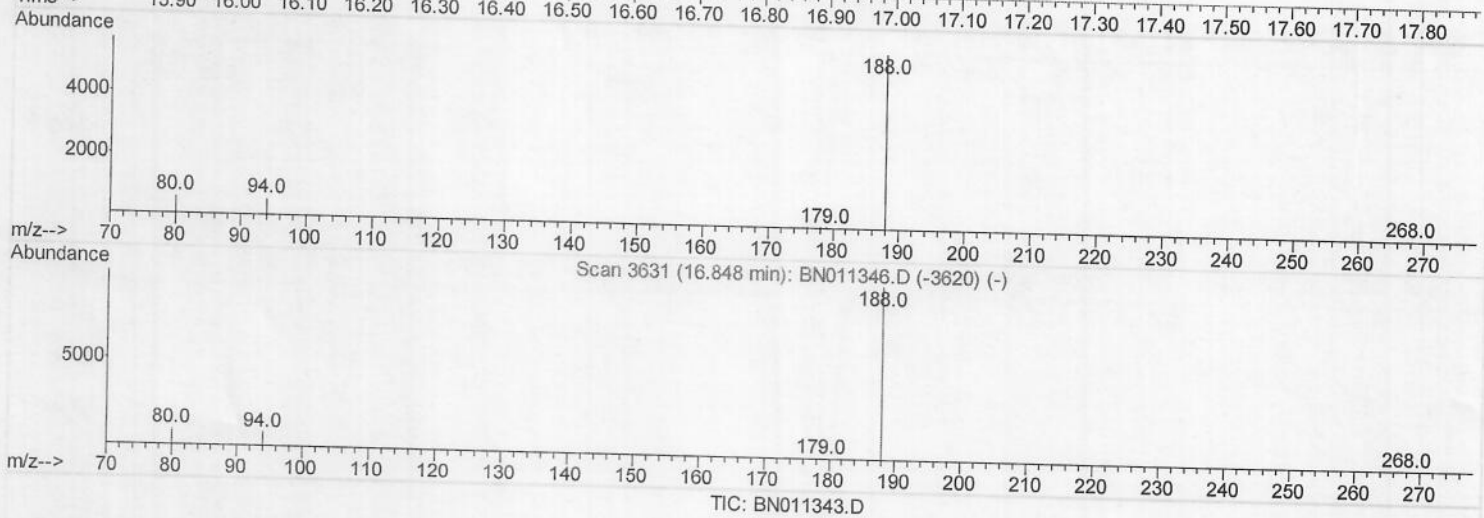
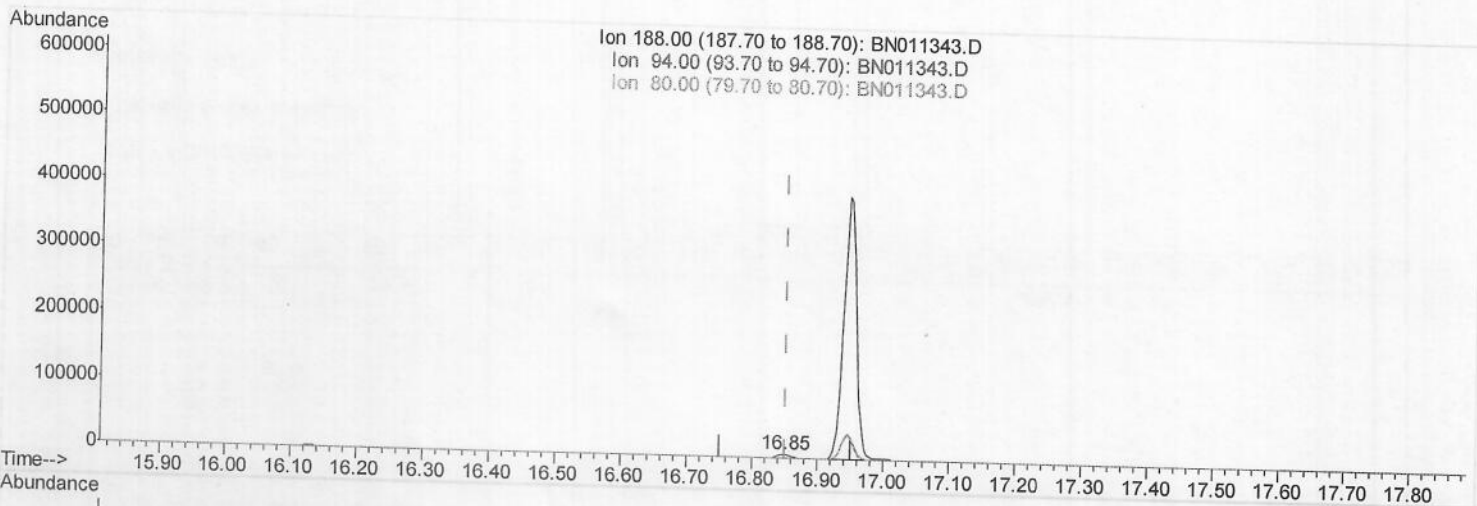
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(10) Phenanthrene-d10 (I)

16.848min (-0.004) 0.40ng/ul m

response 8113

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 8.90  | 9.68  |
| 80.00  | 10.30 | 10.62 |
| 0.00   | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

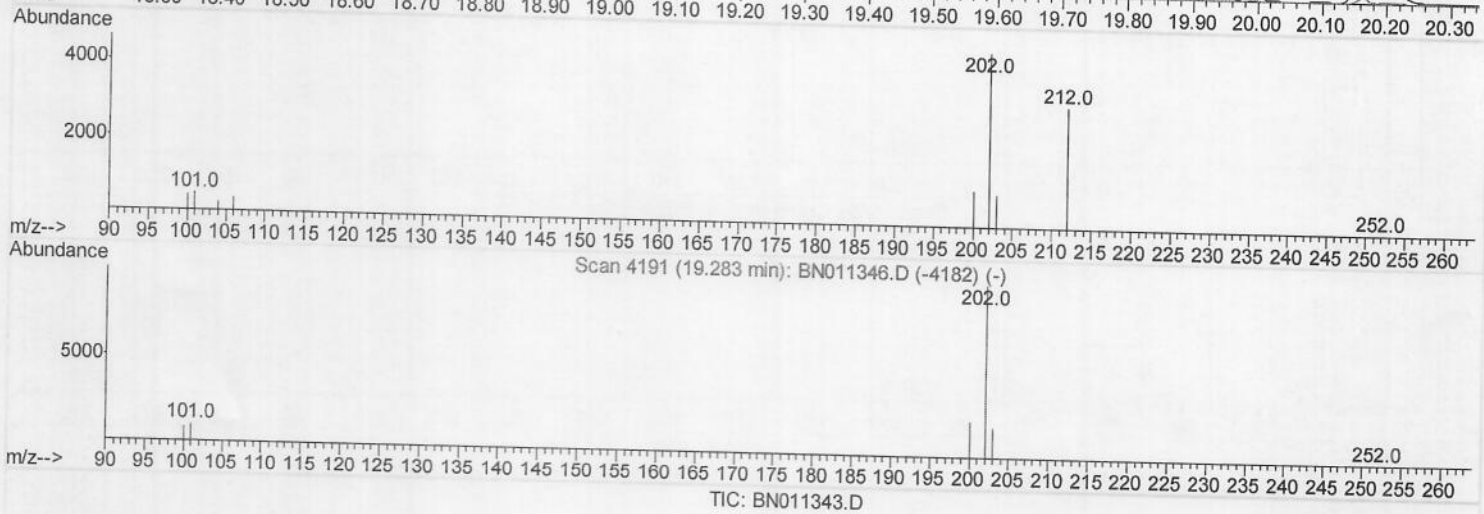
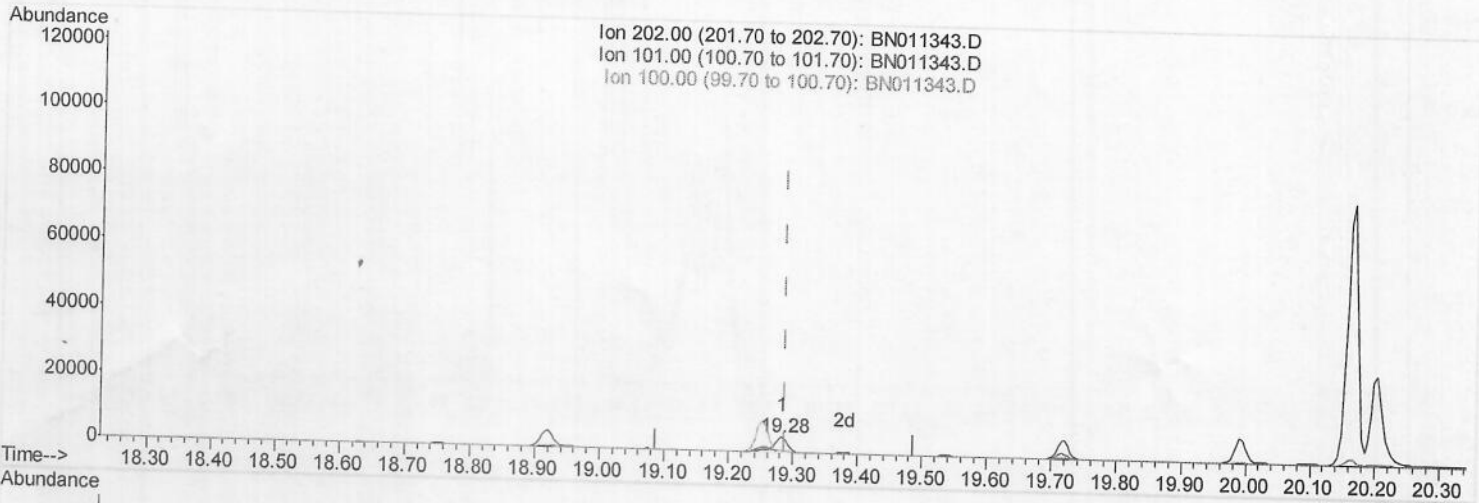
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(17) Pyrene

19.283min (-0.005) 0.17ng/ul

response 6713

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.60 | 11.31 |
| 100.00 | 8.90  | 10.12 |
| 0.00   | 0.00  | 0.00  |

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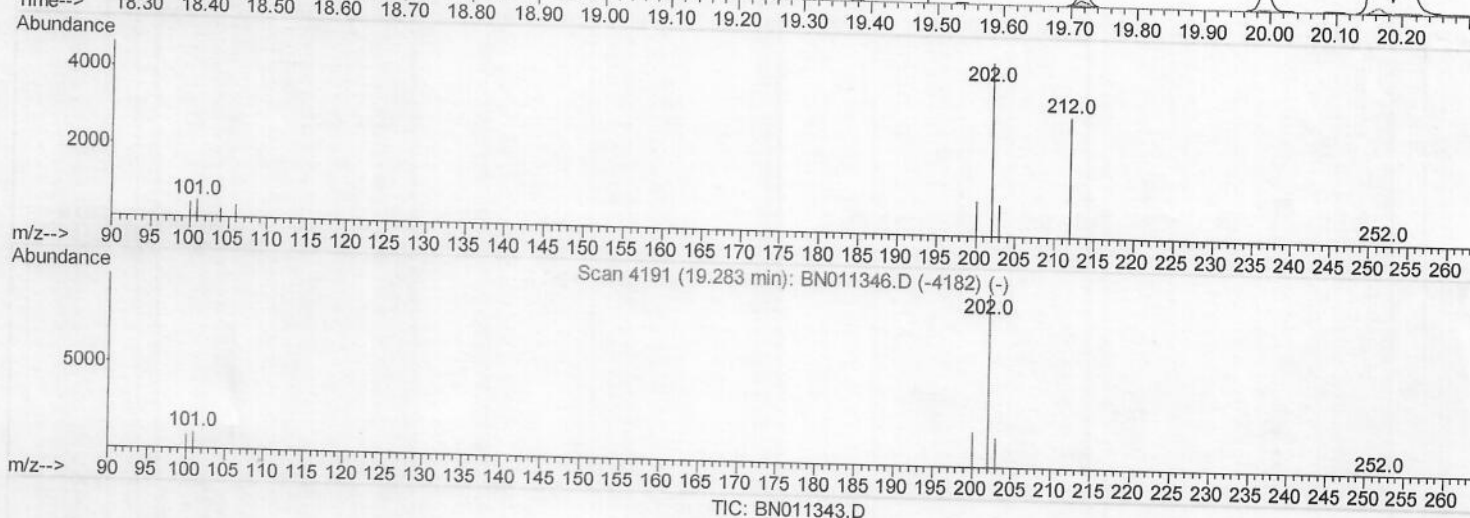
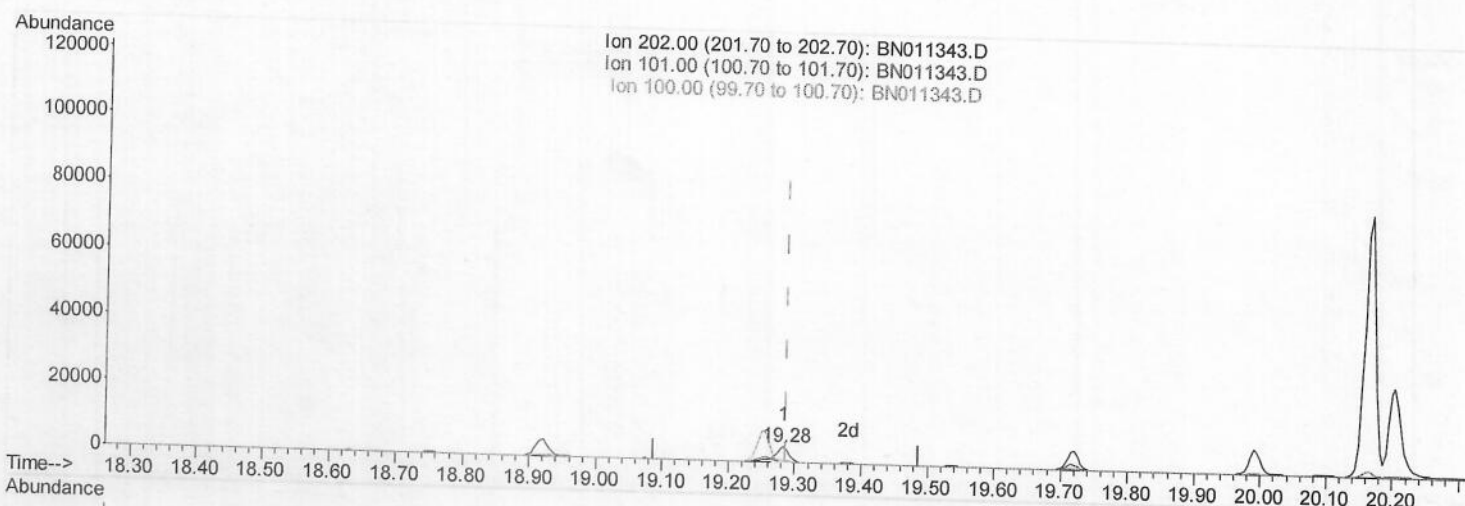
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(17) Pyrene

19.283min (-0.005) 0.15ng/ul m

response 5806

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.60 | 11.31 |
| 100.00 | 8.90  | 10.12 |
| 0.00   | 0.00  | 0.00  |

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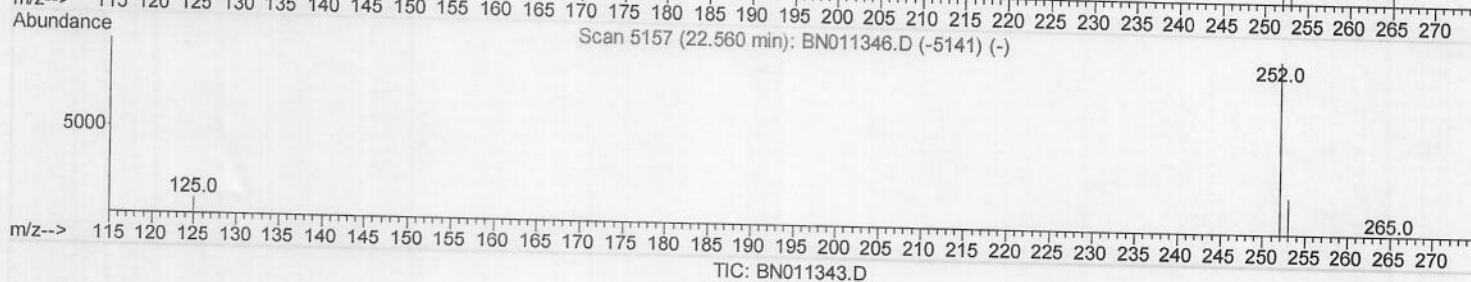
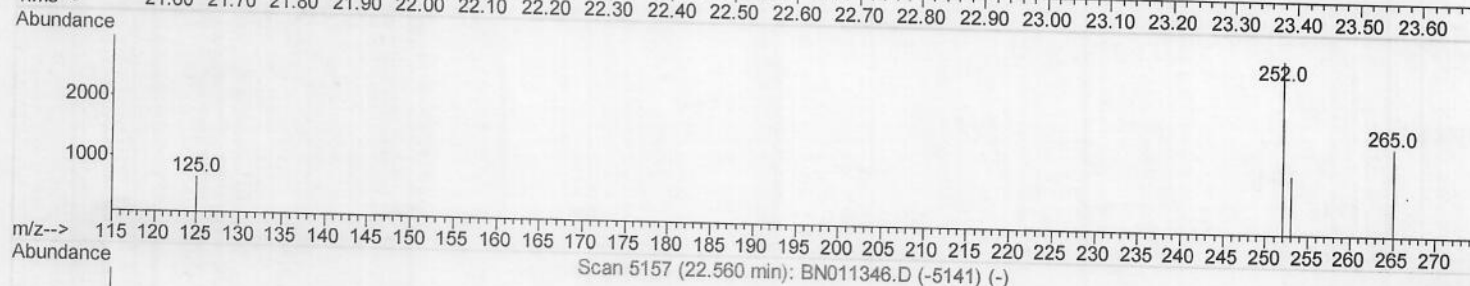
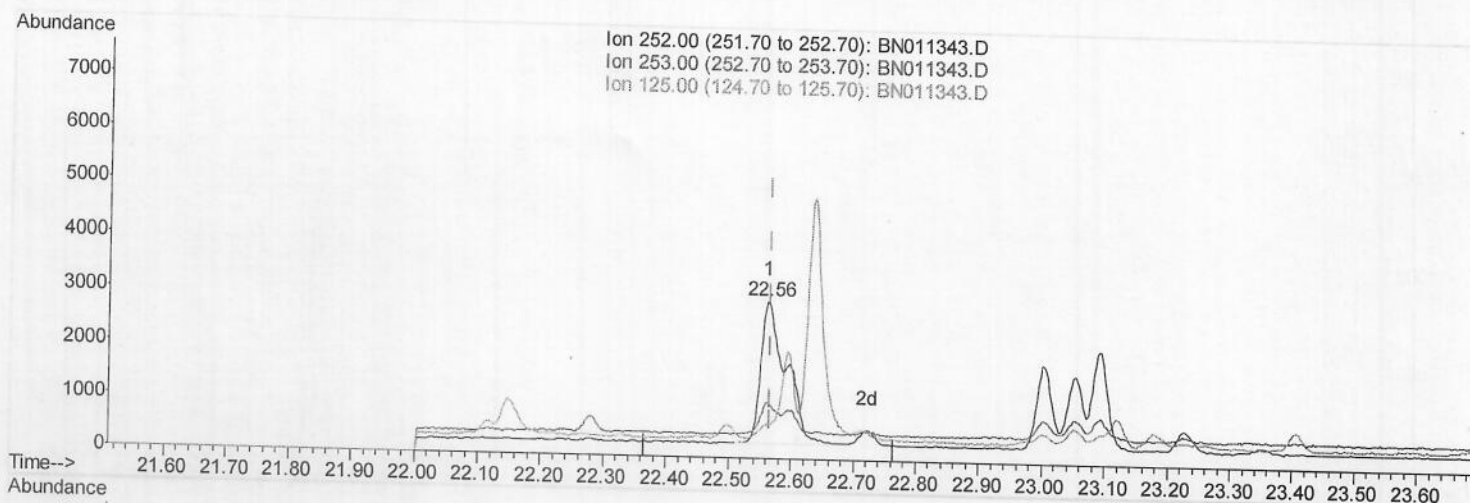
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(21) Benzo(b)fluoranthene  
 22.563min (-0.003) 0.20ng/ul  
 response 7714

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.90 | 35.73 |
| 125.00 | 12.10 | 22.23 |
| 0.00   | 0.00  | 0.00  |

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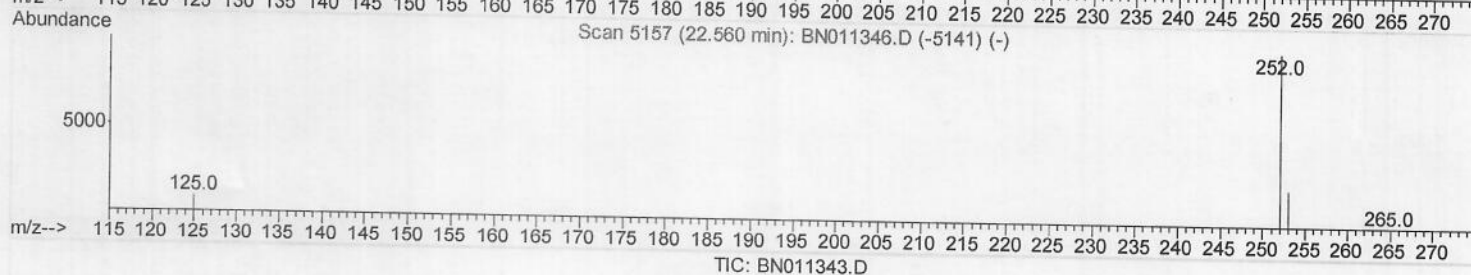
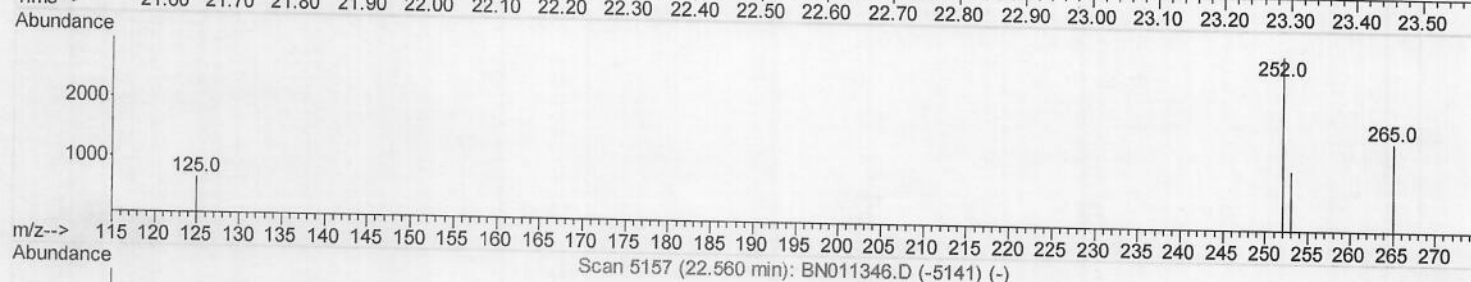
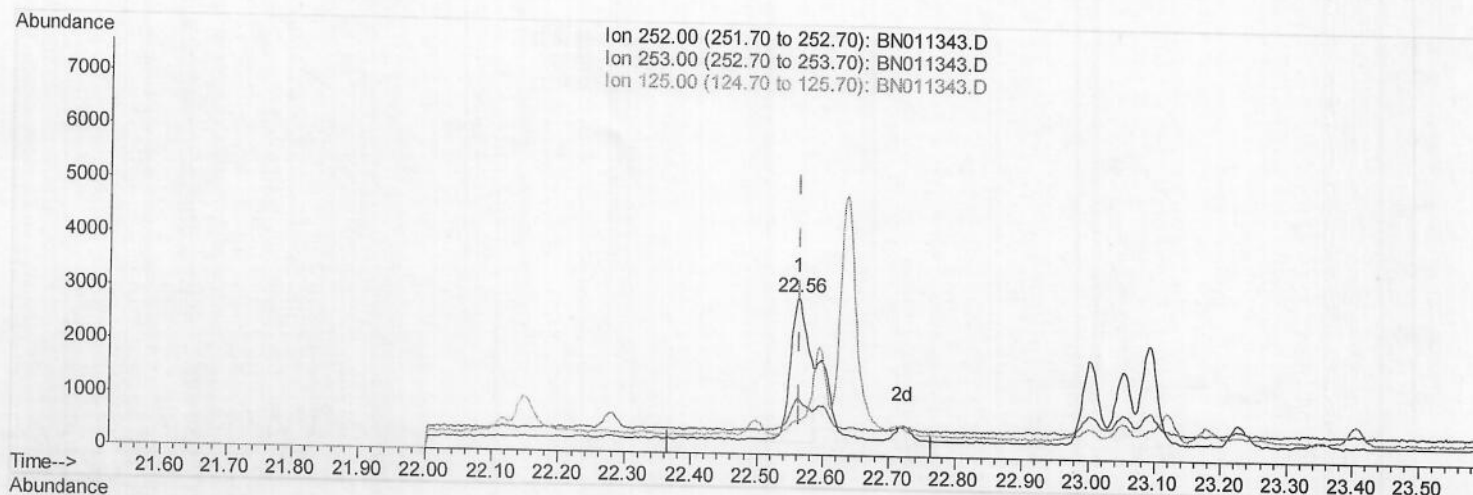
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN080320\  
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 Sample : L3391-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

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(21) Benzo(b)fluoranthene

22.563min (-0.003) 0.14ng/ul m

response 5242

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.90 | 35.73 |
| 125.00 | 12.10 | 22.23 |
| 0.00   | 0.00  | 0.00  |

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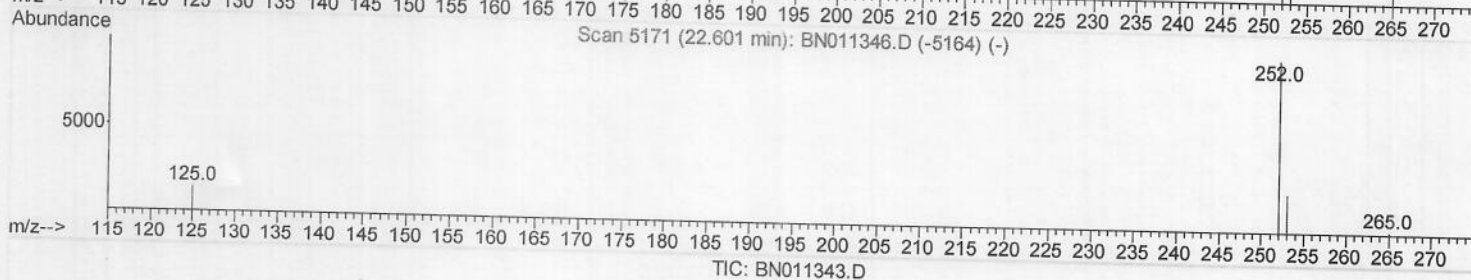
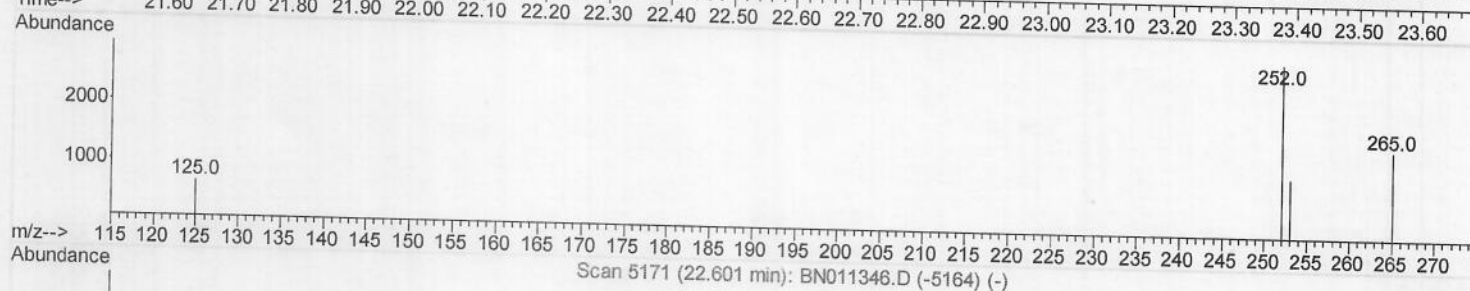
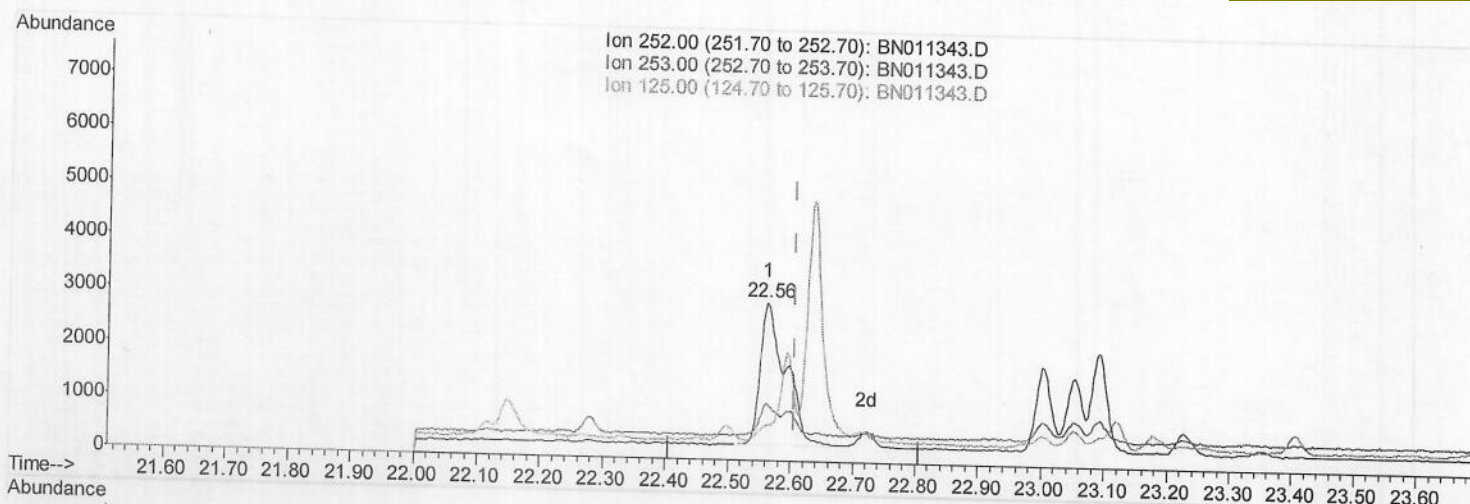
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(22) Benzo(k)fluoranthene  
 22.563min (-0.044) 0.18ng/ul  
 response 7714  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.70 | 35.73# |
| 125.00 | 15.70 | 22.23# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

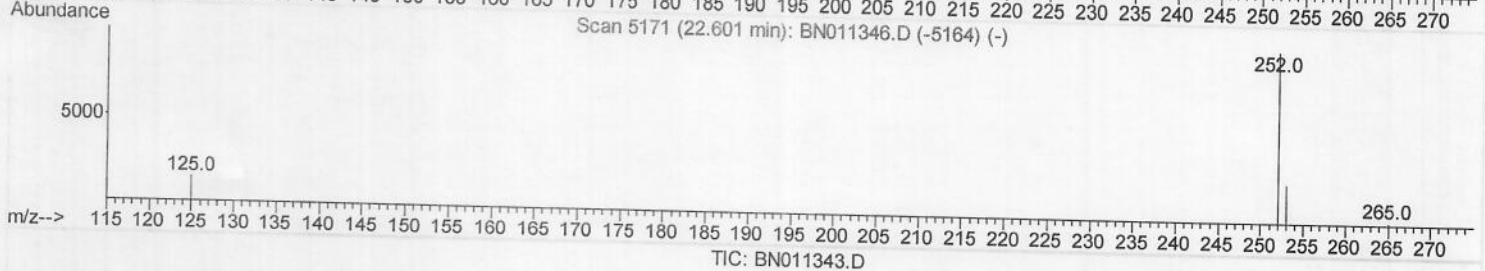
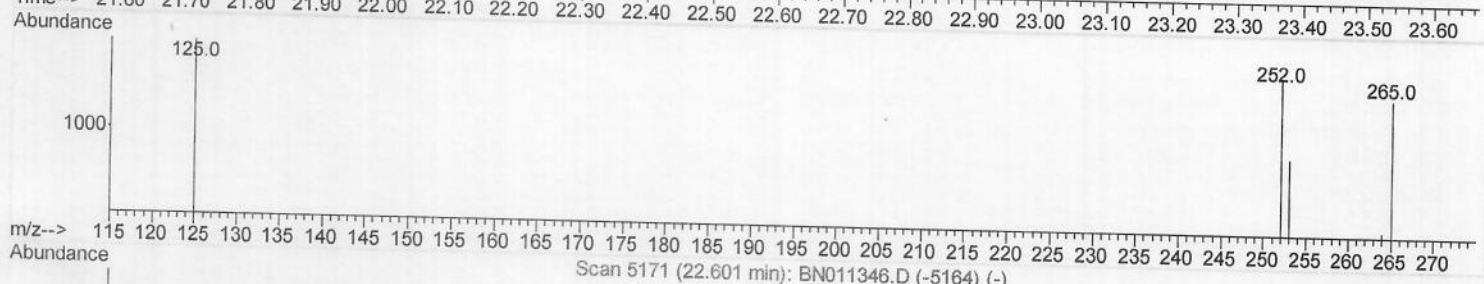
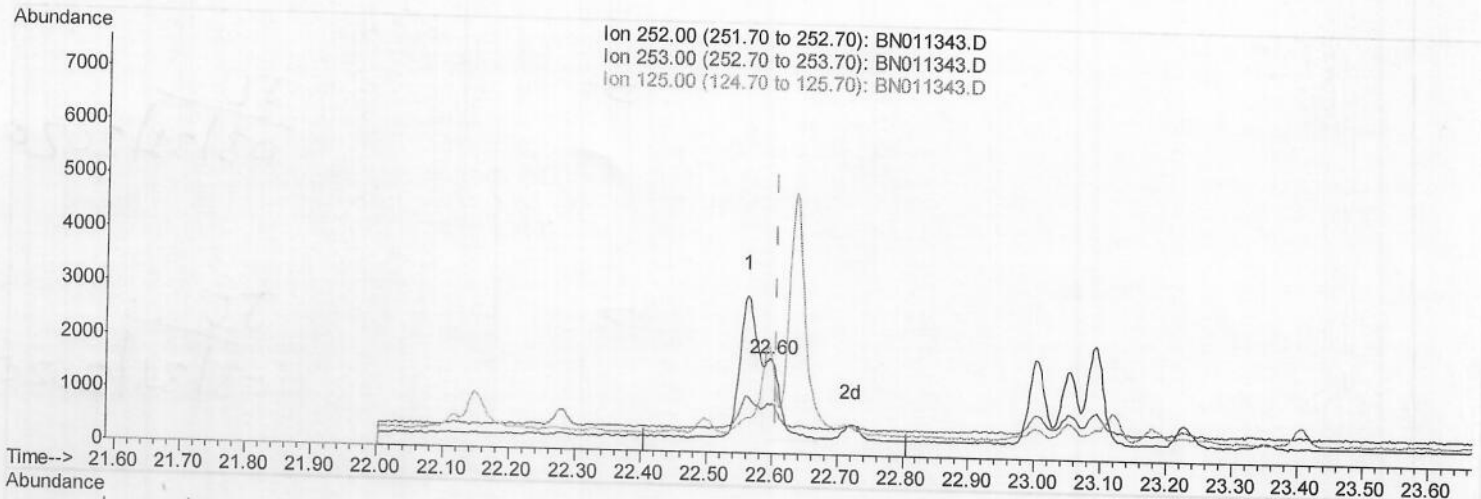
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(22) Benzo(k)fluoranthene

22.598min (-0.009) 0.06ng/ul m

response 2594

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 26.70 | 50.61#  |
| 125.00 | 15.70 | 109.54# |
| 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   | 7.47  | 152  | 1480     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.21 | 136  | 5587     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.09 | 164  | 3526     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.85 | 188  | 8113m    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.06 | 240  | 8653     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.19 | 264  | 9045     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.81 | 152  | 2390     | 0.17  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.89 | 212  | 6609     | 0.17  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 12) Phenanthrene            | 16.89 | 178  | 3492     | 0.130 | ng/ul  | 95       |
| 15) Fluoranthene            | 18.92 | 202  | 6388     | 0.193 | ng/ul  | 98       |
| 17) Pyrene                  | 19.28 | 202  | 5806m    | 0.148 | ng/ul  |          |
| 18) Benzo(a)anthracene      | 21.05 | 228  | 2753     | 0.083 | ng/ul# | 75       |
| 19) Chrysene                | 21.10 | 228  | 3991     | 0.105 | ng/ul# | 85       |
| 21) Benzo(b)fluoranthene    | 22.56 | 252  | 5242m    | 0.139 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.60 | 252  | 2594m    | 0.061 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.09 | 252  | 3166     | 0.096 | ng/ul# | 76       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.25 | 276  | 2843     | 0.082 | ng/ul# | 84       |
| 25) Dibenzo(a,h)anthracene  | 25.26 | 278  | 587      | 0.021 | ng/ul# | 2        |
| 26) Benzo(a,h,i)perylene    | 25.88 | 276  | 2853     | 0.092 | ng/ul# | 84       |

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