

Quantitation Report (QT Reviewed)

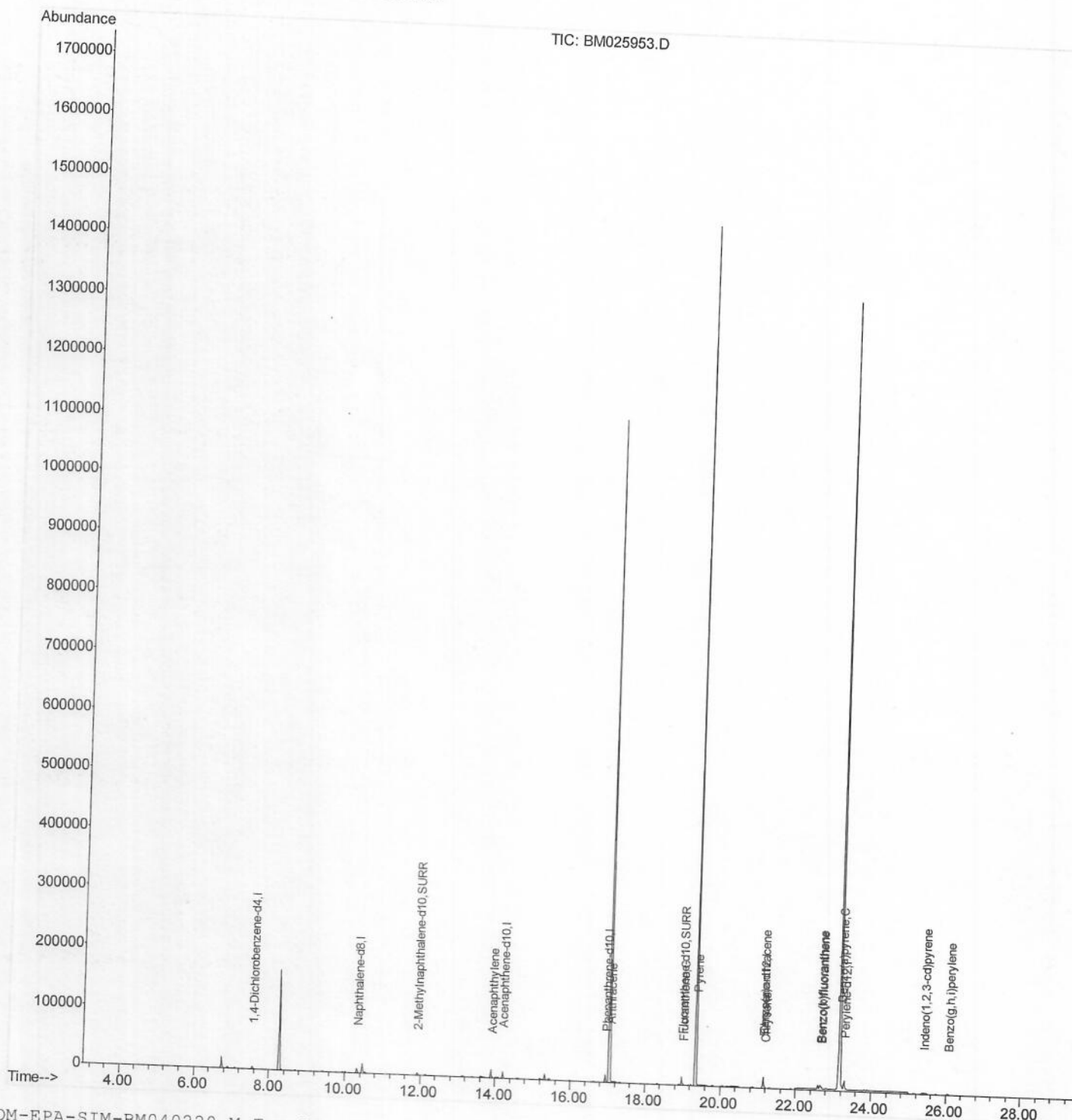
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040720\  
Data File : BM025953.D  
Acq On : 07 Apr 2020 11:40  
Operator : CG/JU  
Sample : L2062-02  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
Client Sampled :  
F3E01

Quant Time: Apr 07 12:18:02 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 02 10:49:07 2020  
Response via : Initial Calibration

Manual Integrations  
APPROVED

mohammad  
4/8/2020 8:13:54 AM



Quantitation Report (Qedit)

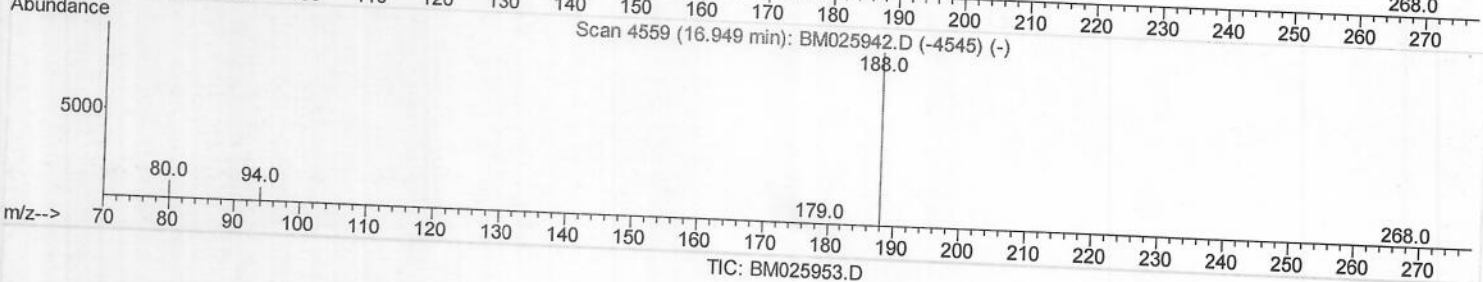
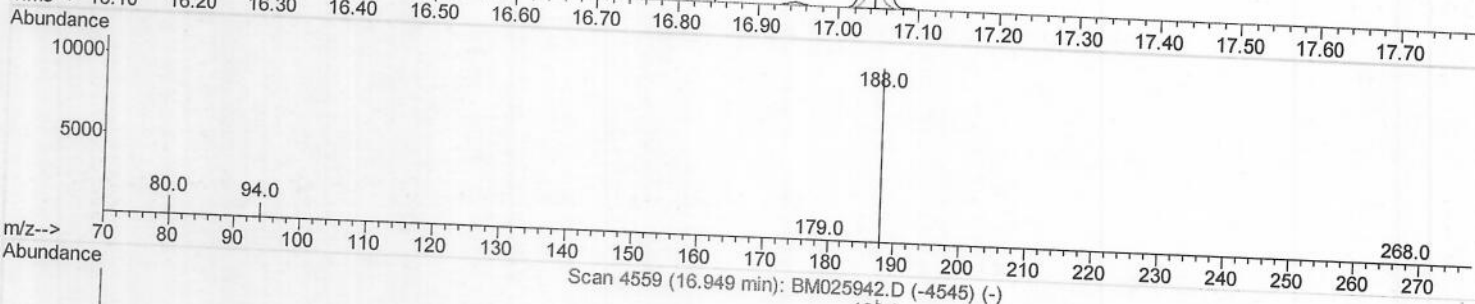
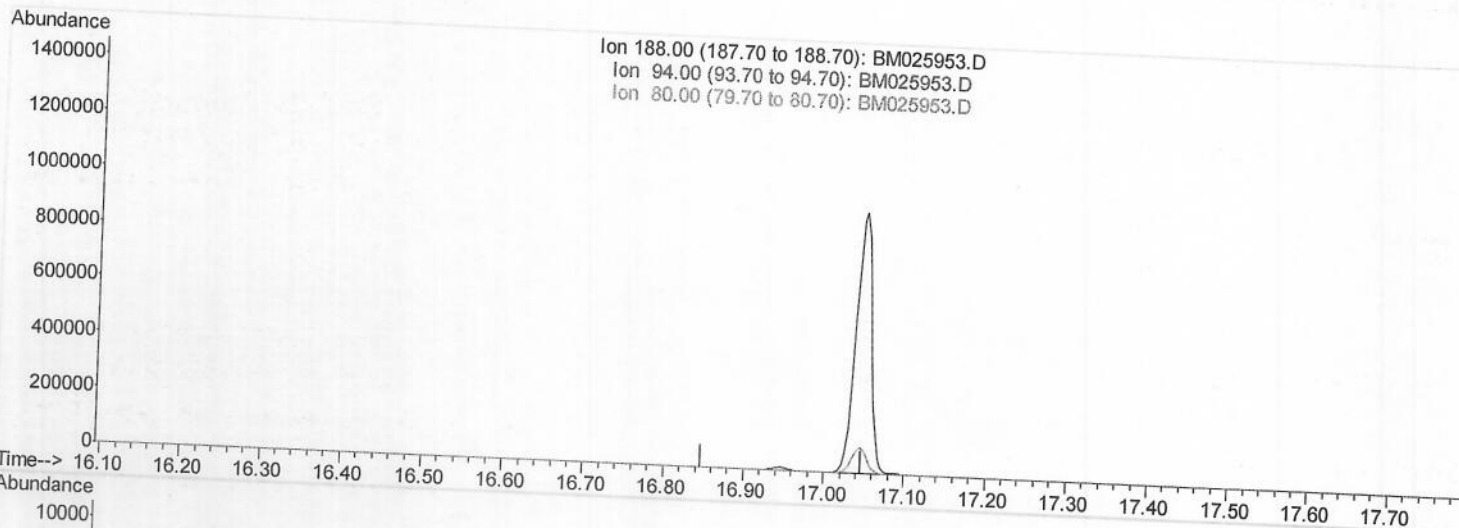
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Quant Time: Apr 07 12:15:30 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M  
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(10) Phenanthrene-d10 (I)  
 16.947min (-16.947) 0.00ng/ul  
 response 0

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 0.00  |
| 94.00  | 8.20 | 0.00# |
| 80.00  | 9.50 | 0.00# |
| 0.00   | 0.00 | 0.00  |

Quantitation Report (Qedit)

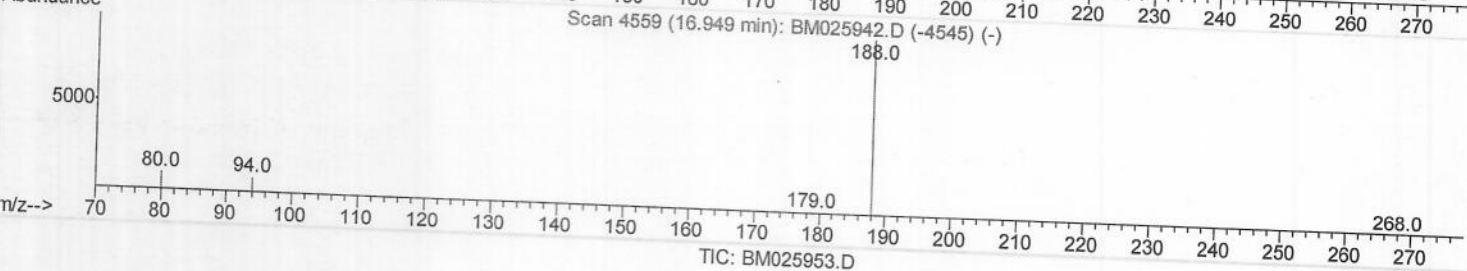
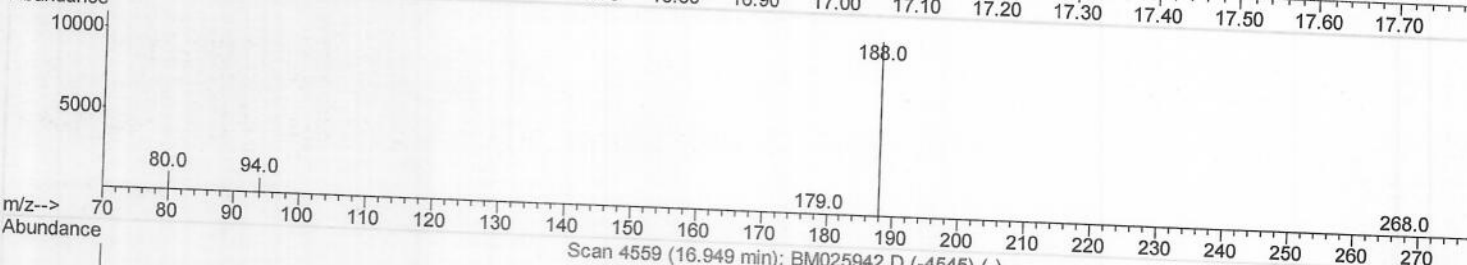
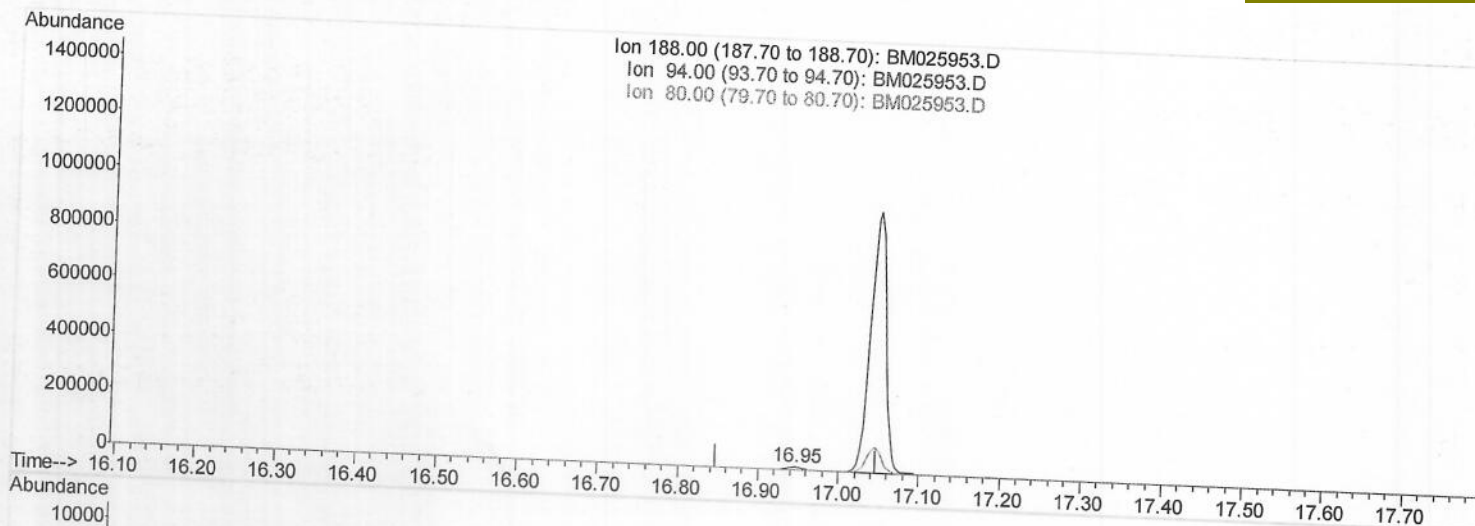
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 Data File : BM025953.D  
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 Operator : CG/JU  
 Sample : L2062-02  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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(10) Phenanthrene-d10 (I)

16.946min (-0.002) 0.40ng/ul m

response 14696

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 8.20 | 8.92  |
| 80.00  | 9.50 | 10.53 |
| 0.00   | 0.00 | 0.00  |

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Quantitation Report (Qedit)

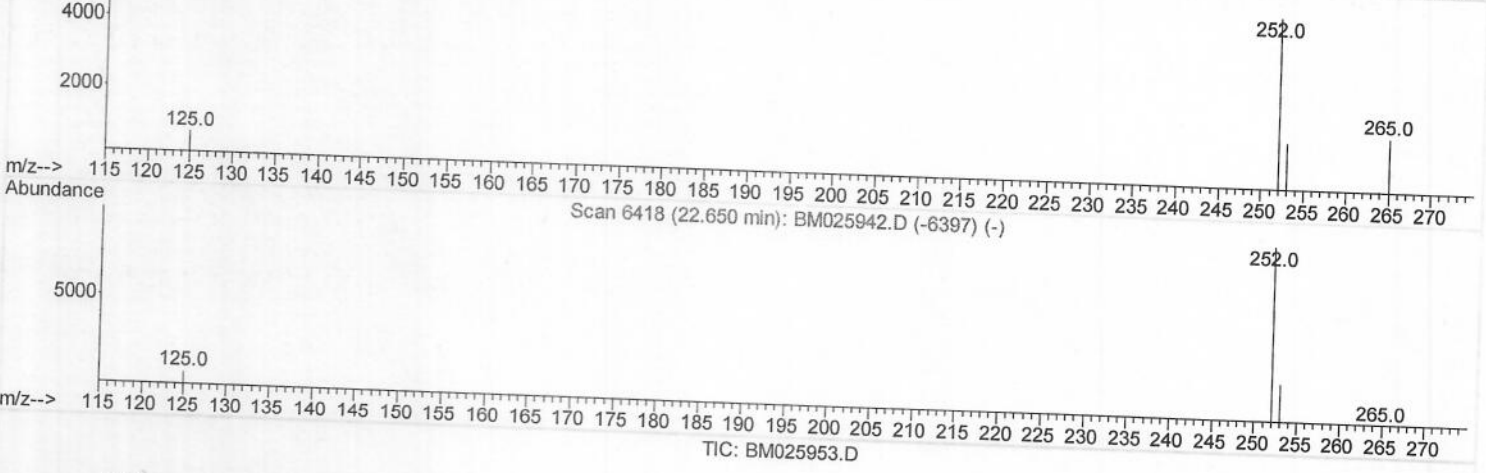
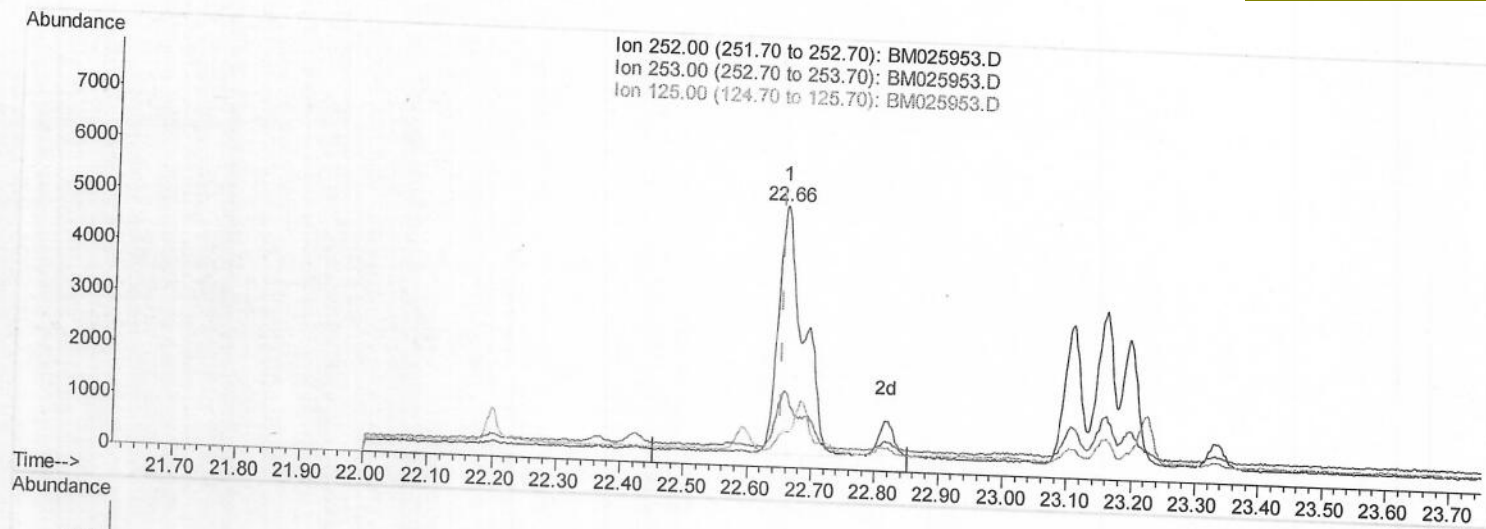
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040720\  
 Data File : BM025953.D  
 Acq On : 07 Apr 2020 11:40  
 Operator : CG/JU  
 Sample : L2062-02  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 F3E01

Manual Integrations  
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Quant Time: Apr 07 12:16:55 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M  
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(21) Benzo(b)fluoranthene  
 22.655min (+0.002) 0.20ng/ul  
 response 13313

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.30 | 28.34 |
| 125.00 | 7.70  | 13.37 |
| 0.00   | 0.00  | 0.00  |

Quantitation Report (Qedit)

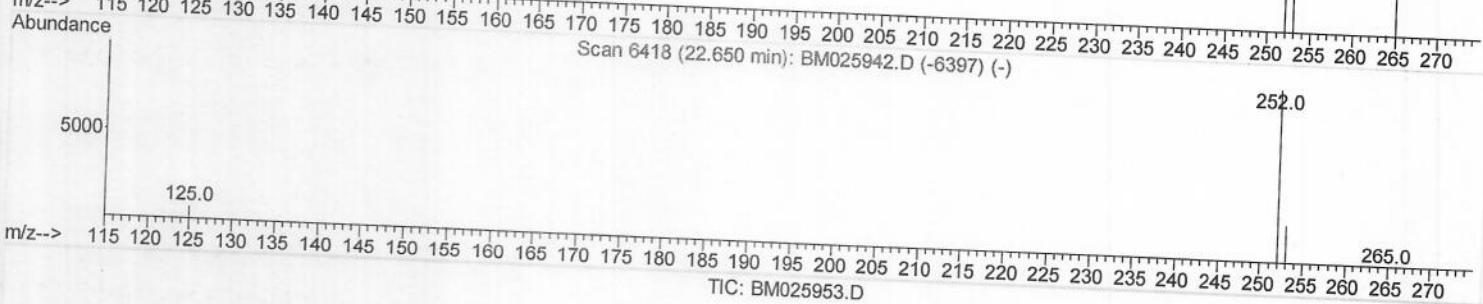
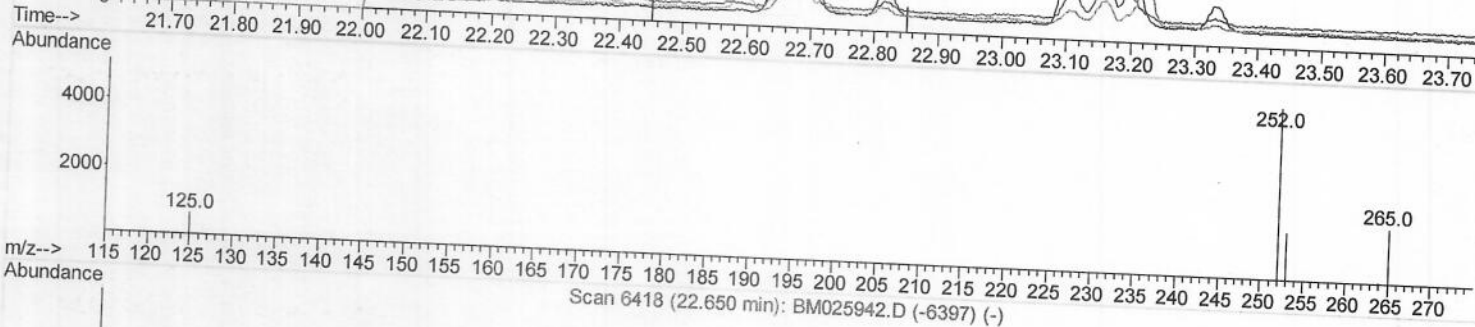
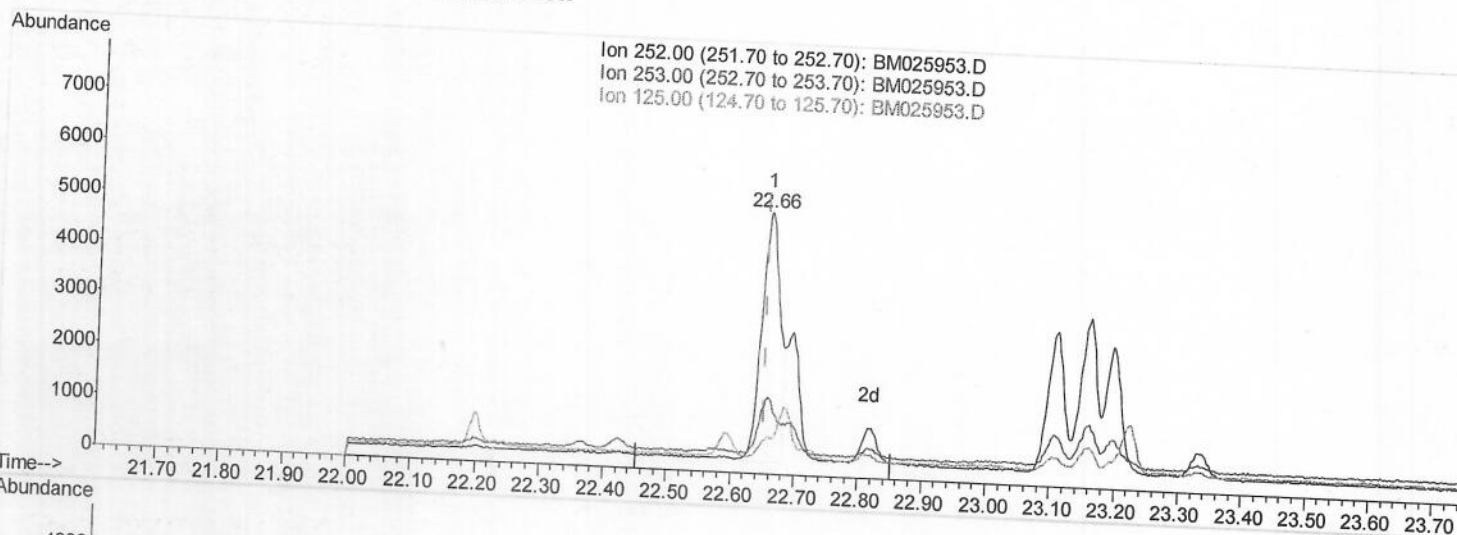
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040720\  
 Data File : BM025953.D  
 Acq On : 07 Apr 2020 11:40  
 Operator : CG/JU  
 Sample : L2062-02  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 Client Sampled :  
 F3E01

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(21) Benzo(b)fluoranthene

22.655min (+0.002) 0.15ng/ul m →

response 9668

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.30 | 28.34 |
| 125.00 | 7.70  | 13.37 |
| 0.00   | 0.00  | 0.00  |

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Quantitation Report (Qedit)

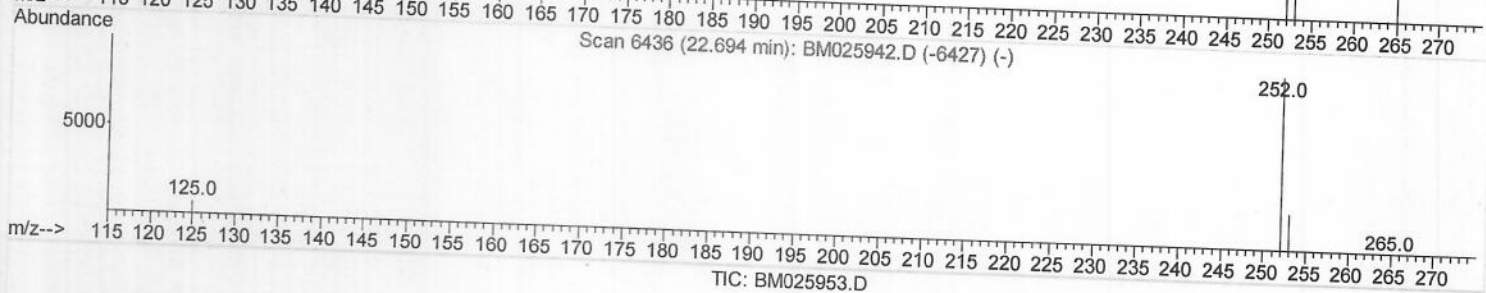
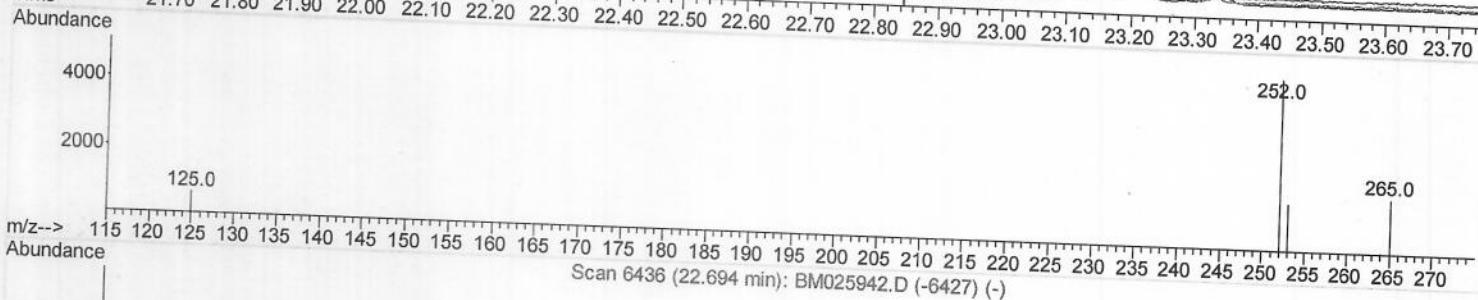
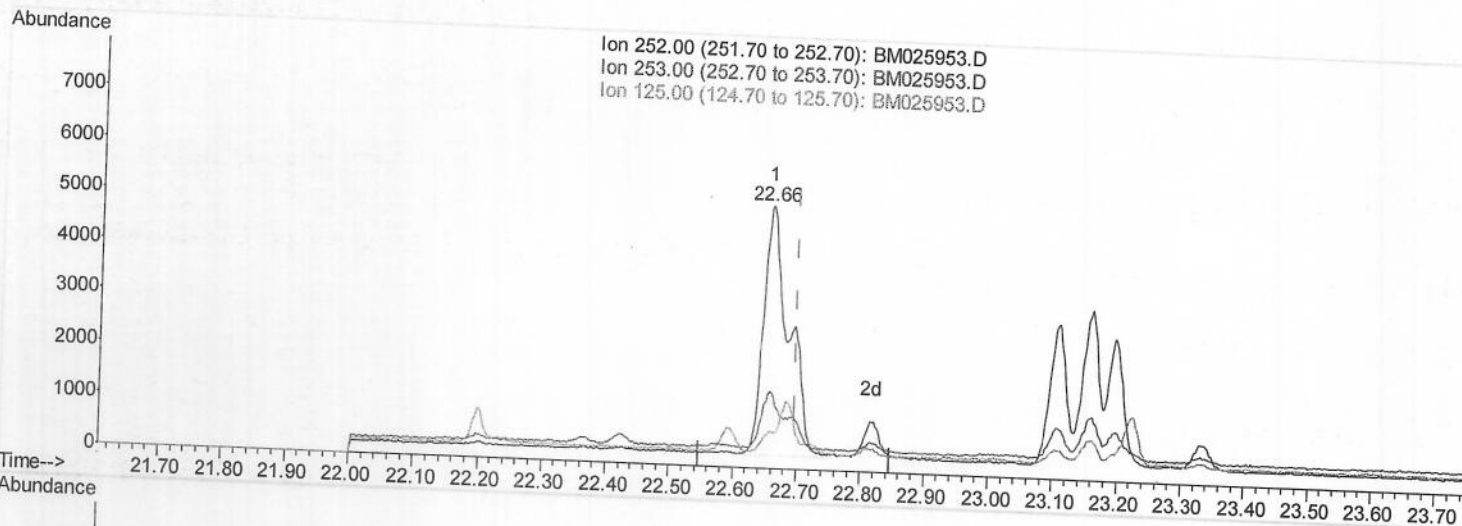
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040720\  
 Data File : BM025953.D  
 Acq On : 07 Apr 2020 11:40  
 Operator : CG/JU  
 Sample : L2062-02  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
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(22) Benzo(k)fluoranthene  
 22.655min (-0.041) 0.19ng/ul  
 response 13313

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.70 | 28.34  |
| 125.00 | 8.40  | 13.37# |
| 0.00   | 0.00  | 0.00   |



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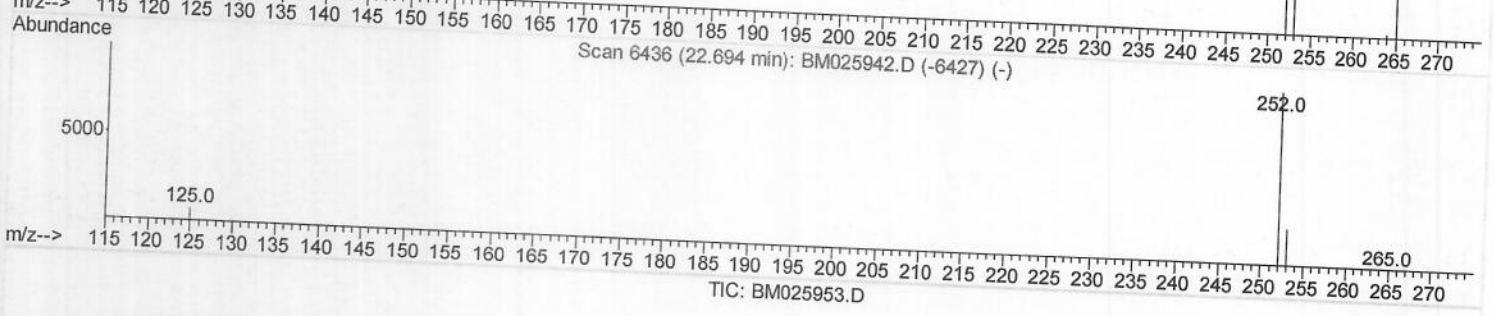
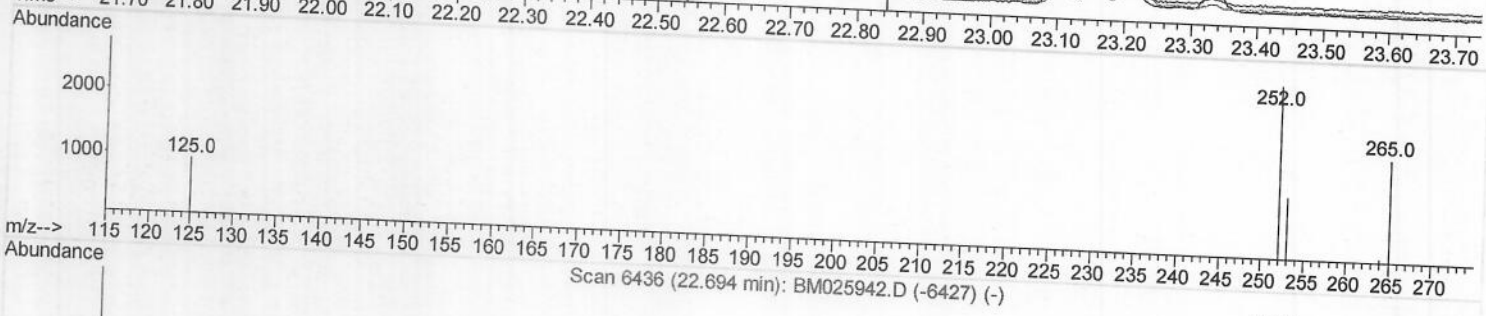
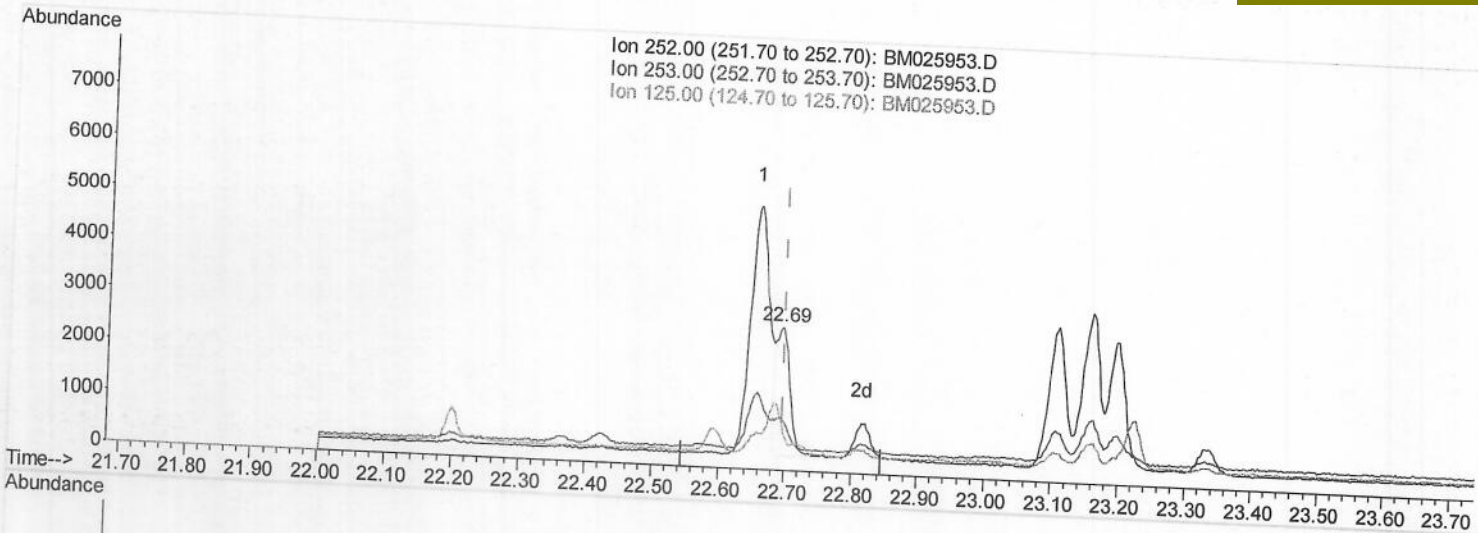
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 Data File : BM025953.D  
 Acq On : 07 Apr 2020 11:40  
 Operator : CG/JU  
 Sample : L2062-02  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 F3E01

Manual Integrations  
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(22) Benzo(k)fluoranthene

22.694min (-0.003) 0.05ng/ul m

response 3641

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.70 | 37.27# |
| 125.00 | 8.40  | 33.83# |
| 0.00   | 0.00  | 0.00   |

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 Acq On : 07 Apr 2020 11:40  
 Operator : CG/JU  
 Sample : L2062-02  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 Client Sampled :  
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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.56  | 152  | 2153     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.33 | 136  | 9415     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.20 | 164  | 6521     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 16.95 | 188  | 14696m   | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.14 | 240  | 15462    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.29 | 264  | 17868    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 11.92 | 152  | 5531     | 0.33  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 18.98 | 212  | 15405    | 0.33  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 7) Acenaphthylene           | 13.92 | 152  | 1008     | 0.036 | ng/ul# | 81       |
| 13) Anthracene              | 17.08 | 178  | 1055     | 0.026 | ng/ul# | 83       |
| 15) Fluoranthene            | 19.01 | 202  | 2367     | 0.041 | ng/ul# | 94       |
| 17) Pyrene                  | 19.37 | 202  | 5288     | 0.095 | ng/ul# | 92       |
| 18) Benzo(a)anthracene      | 21.13 | 228  | 2894     | 0.052 | ng/ul  | 91       |
| 19) Chrysene                | 21.18 | 228  | 5523     | 0.092 | ng/ul  | 96       |
| 21) Benzo(b)fluoranthene    | 22.66 | 252  | 9668m    | 0.147 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.69 | 252  | 3641m    | 0.052 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.20 | 252  | 4104     | 0.070 | ng/ul# | 77       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.41 | 276  | 2848     | 0.036 | ng/ul# | 100      |
| 26) Benzo(a,h,i)perylene    | 26.06 | 276  | 2065     | 0.031 | ng/ul# | 80       |

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