

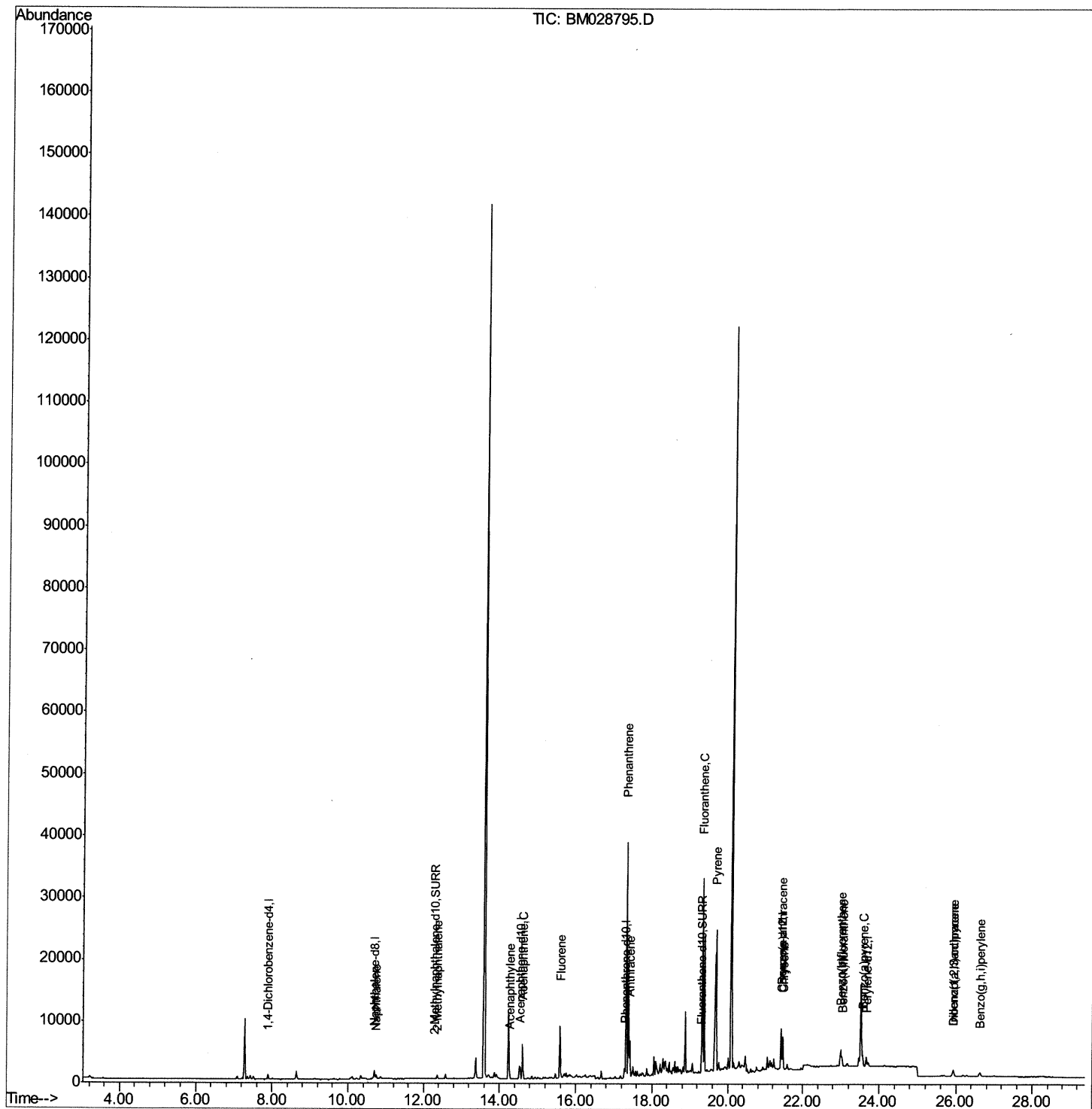
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\  
Data File : BM028795.D  
Acq On : 18 Feb 2021 14:14  
Operator : CG/JU  
Sample : M1379-10DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBGZ0DL

Manual Integrations  
APPROVED

mohammad  
2/19/2021 1:19:42 PM

Quant Time: Feb 18 14:49:56 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 18 13:03:27 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

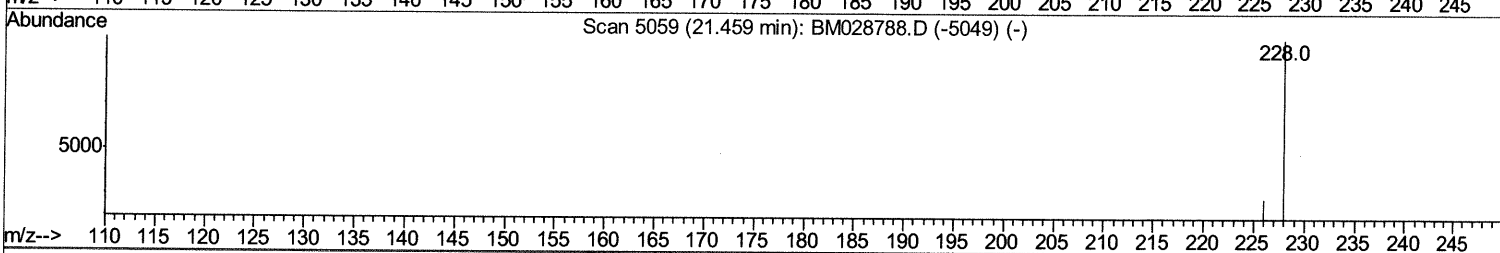
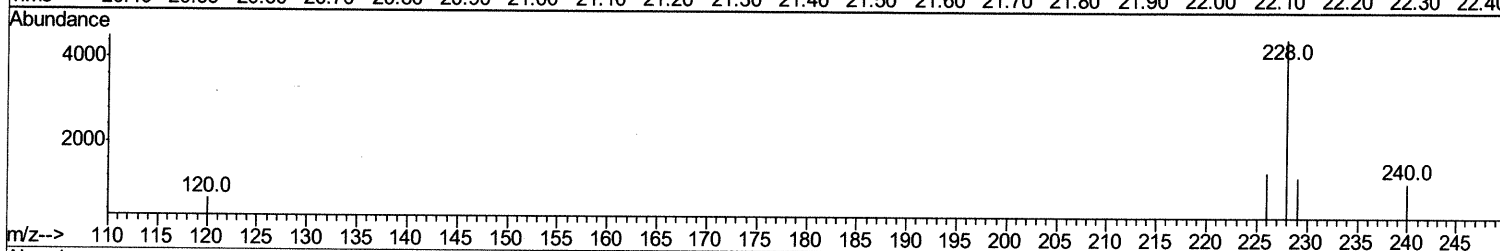
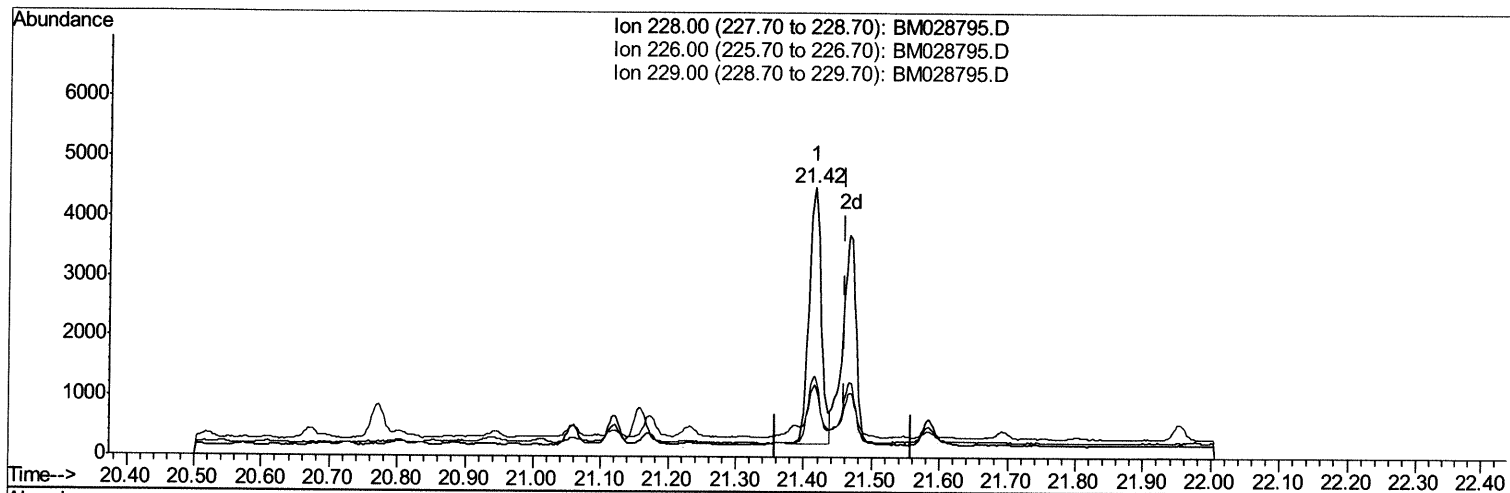
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TIC: BM028795.D

(19) Chrysene

21.416min (-0.043) 0.78ng/ul

response 5335

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 30.80 | 29.94 |
| 229.00 | 23.50 | 26.75 |
| 0.00   | 0.00  | 0.00  |

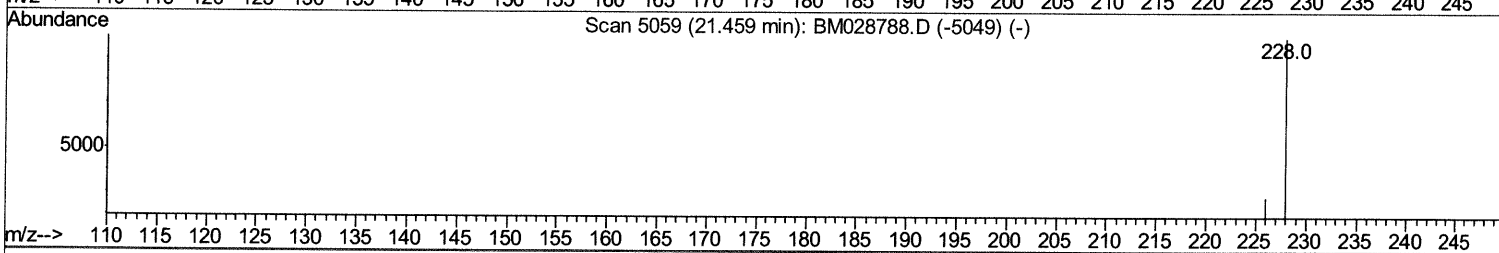
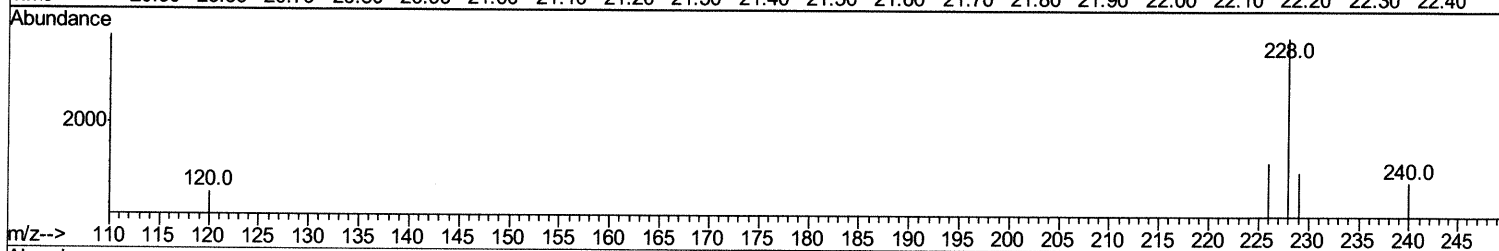
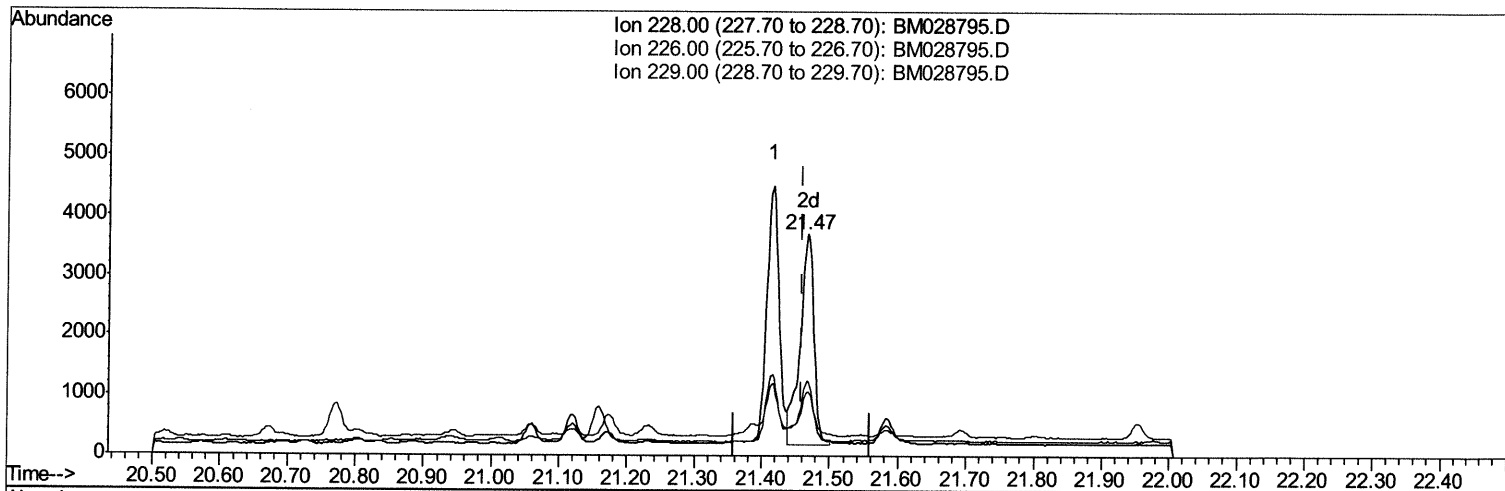
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BNA\_M  
ClientSampled :  
DBGZ0DL

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TIC: BM028795.D

(19) Chrysene

21.466min (+0.007) 0.74ng/ul m *02/22/21 JU*

response 5044

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 30.80 | 33.69  |
| 229.00 | 23.50 | 28.93# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

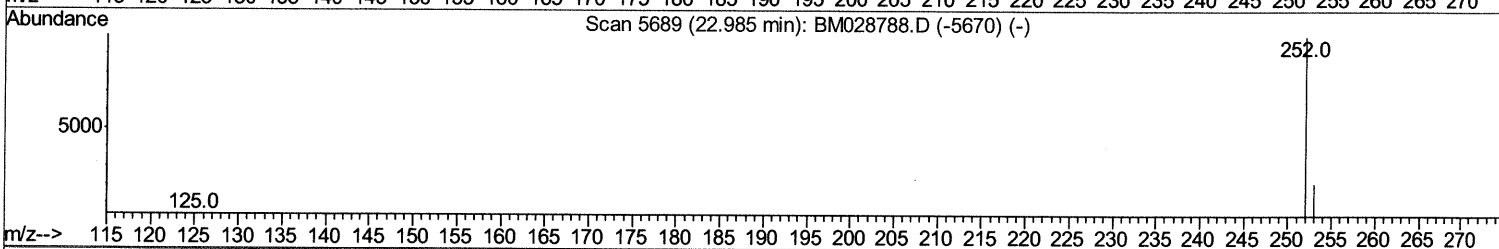
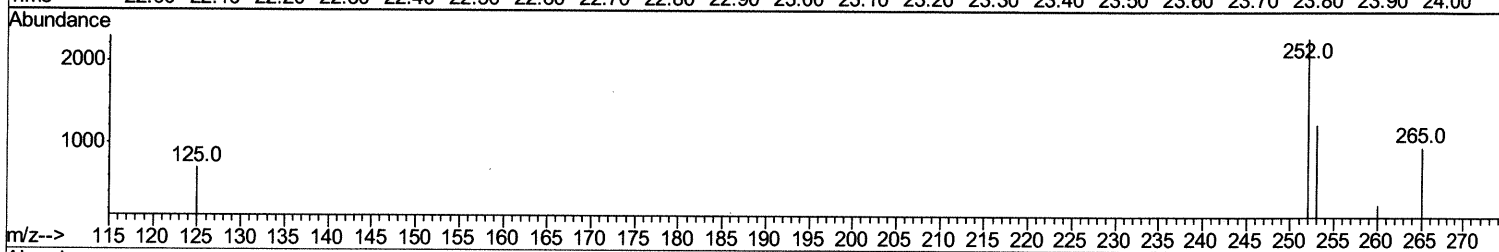
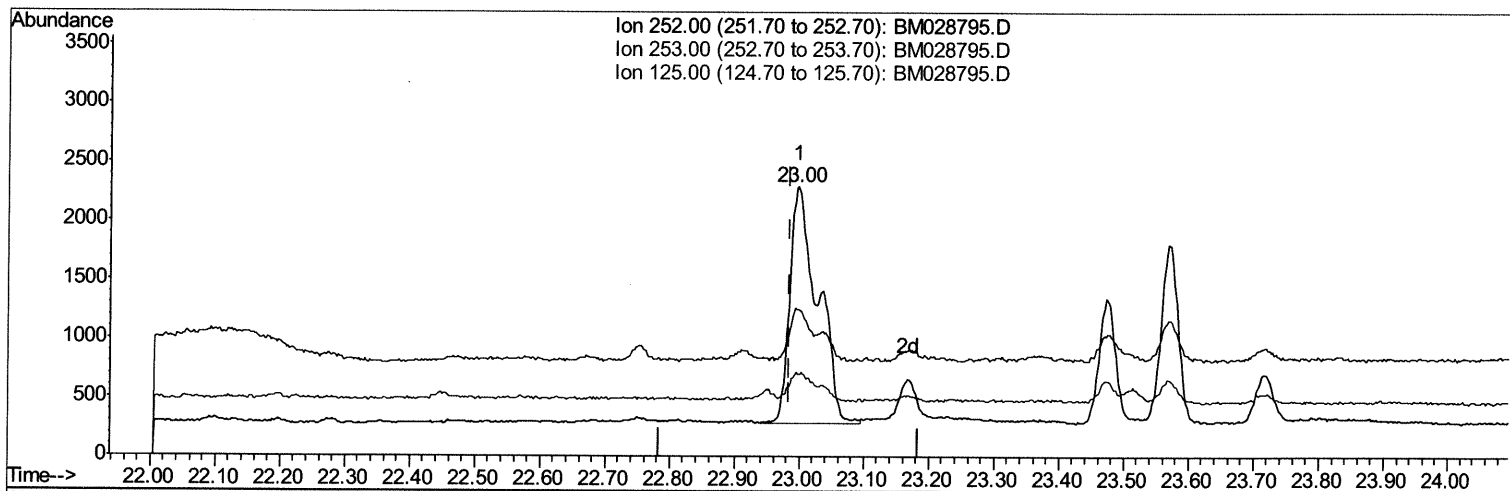
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\  
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 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DBGZ0DL

**Manual Integrations**  
**APPROVED**

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TIC: BM028795.D

(21) Benzo(b)fluoranthene

22.997min (+0.012) 0.91ng/ul

response 6040

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.50 | 54.45 |
| 125.00 | 28.70 | 30.28 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

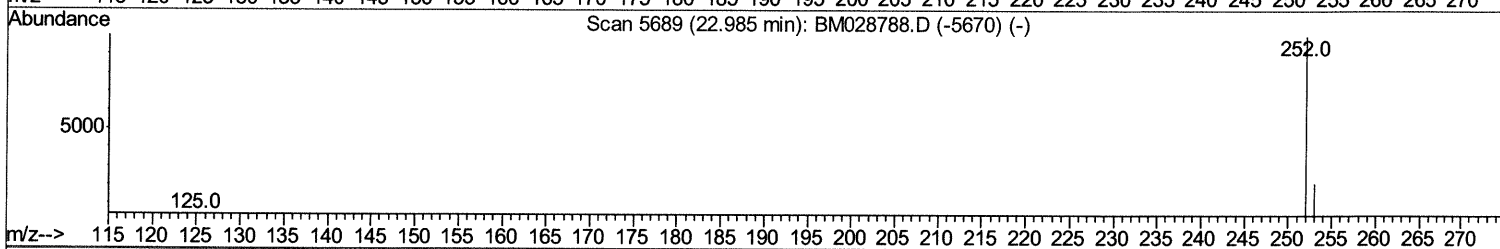
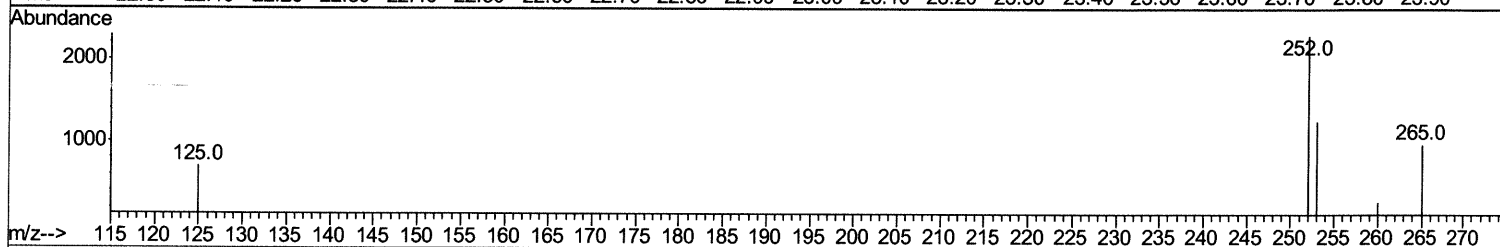
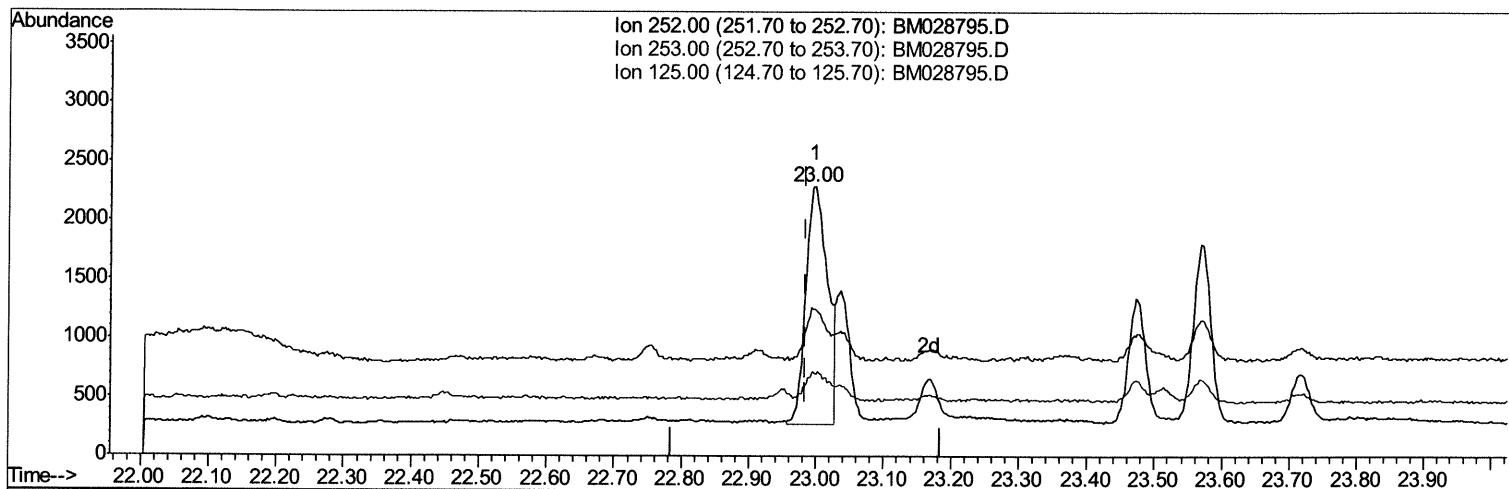
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\  
Data File : BM028795.D  
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Sample : M1379-10DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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TIC: BM028795.D

(21) Benzo(b)fluoranthene

22.997min (+0.012) 0.68ng/ul m 02/22/21 JU

response 4489

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.50 | 54.45 |
| 125.00 | 28.70 | 30.28 |
| 0.00   | 0.00  | 0.00  |

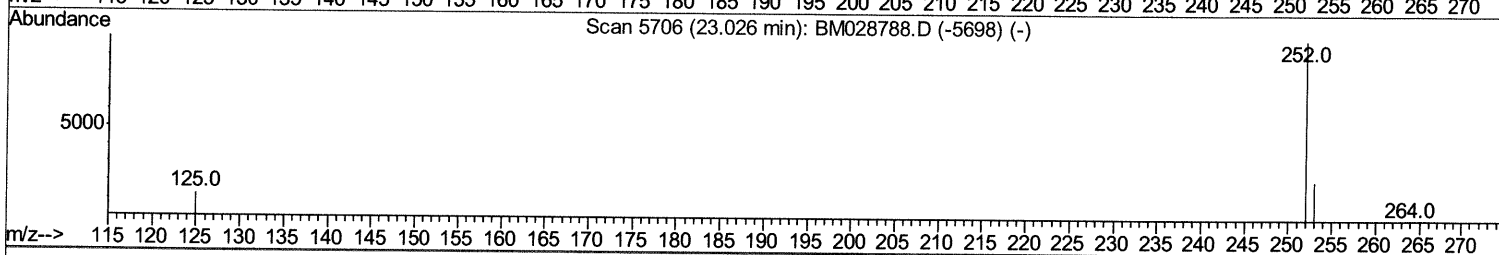
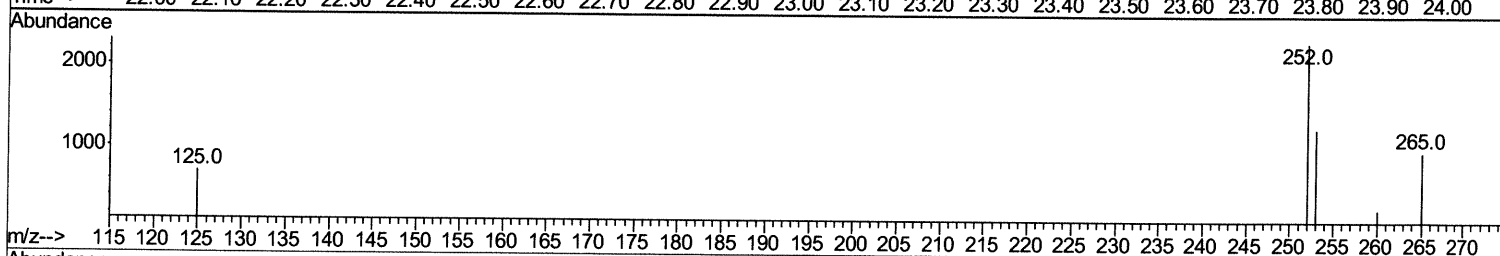
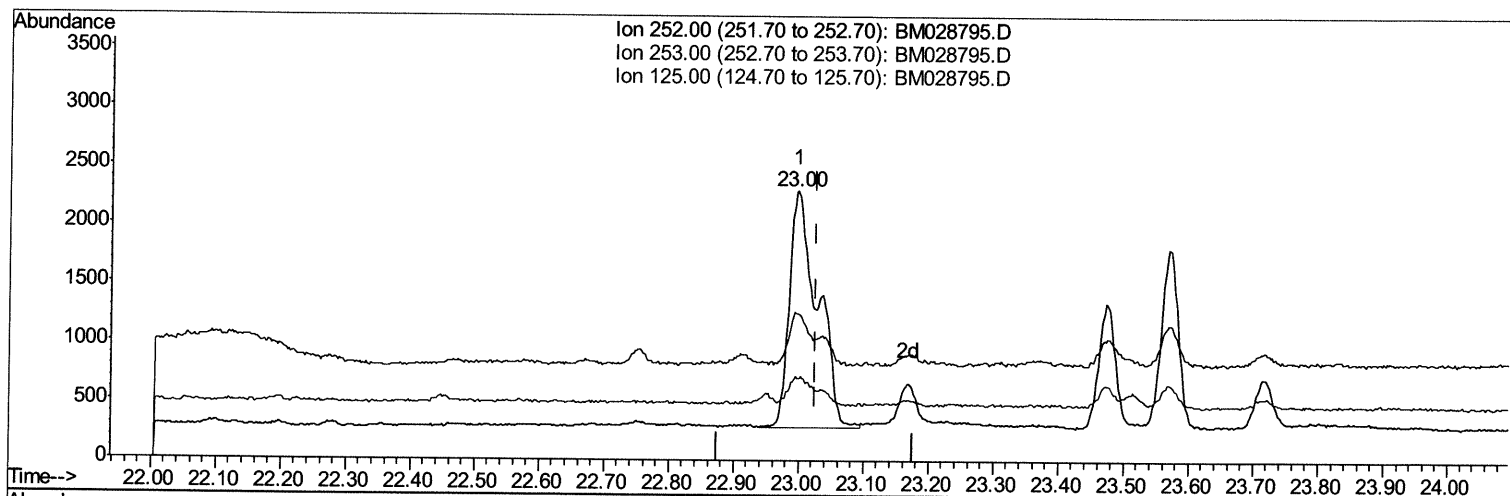
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\  
Data File : BM028795.D  
Acq On : 18 Feb 2021 14:14  
Operator : CG/JU  
Sample : M1379-10DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBGZ0DL

Manual Integrations  
APPROVED

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TIC: BM028795.D

(22) Benzo(k)fluoranthene

22.997min (-0.029) 0.91ng/ul

response 6040

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.90 | 54.45# |
| 125.00 | 28.60 | 30.28  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

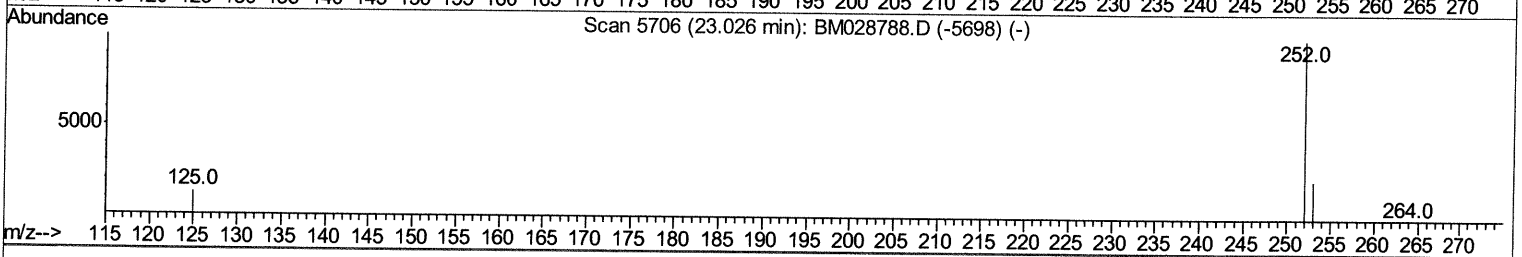
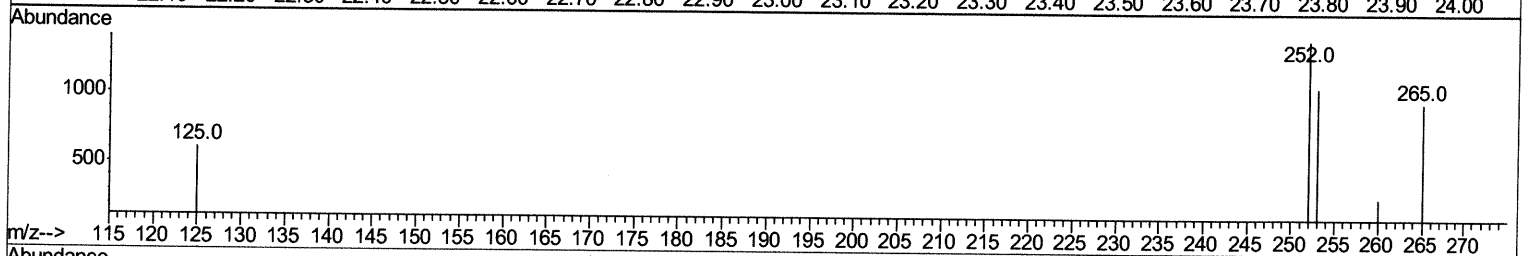
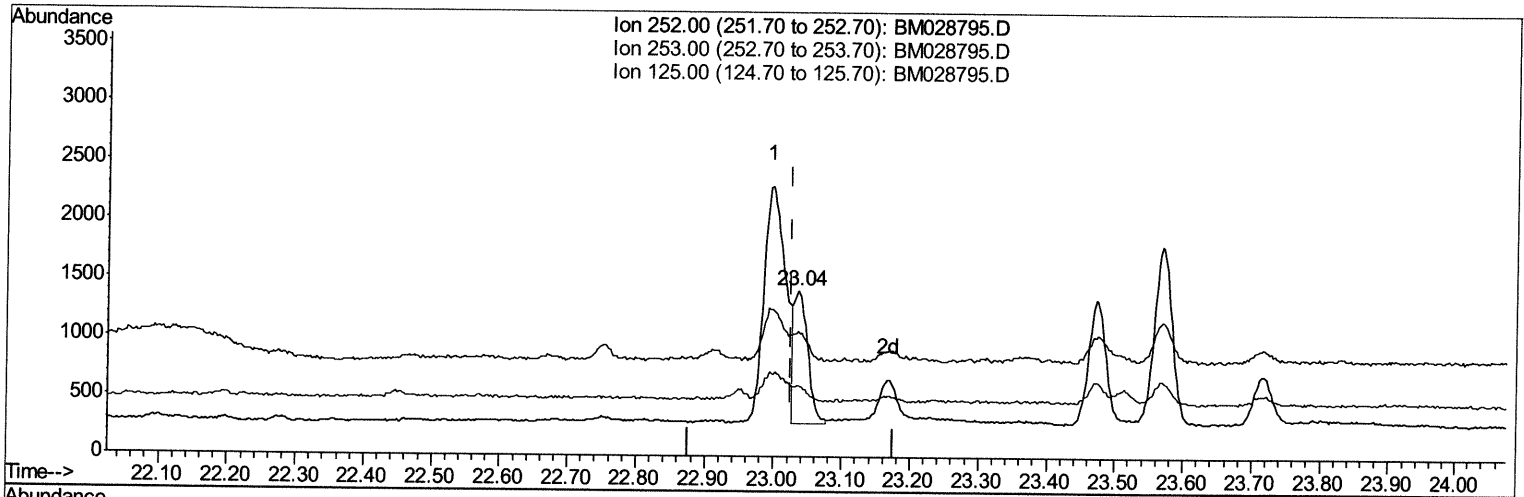
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Data File : BM028795.D  
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Operator : CG/JU  
Sample : M1379-10DL 5X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Manual Integrations  
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TIC: BM028795.D

(22) Benzo(k)fluoranthene

23.036min (+0.010) 0.24ng/ul m 02/22/21 JU

response 1599

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.90 | 75.39# |
| 125.00 | 28.60 | 43.12# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM021821\  
 Data File : BM028795.D  
 Acq On : 18 Feb 2021 14:14  
 Operator : CG/JU  
 Sample : M1379-10DL 5X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBGZ0DL

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.90  | 152  | 463      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.70 | 136  | 1886     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.54 | 164  | 1104     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.28 | 188  | 2028     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.43 | 240  | 2009     | 0.40 | ng/ul | 0.01     |
| 20) Perylene-d12          | 23.67 | 264  | 1942     | 0.40 | ng/ul | 0.01     |

|                             |       |     |     |      |       |      |
|-----------------------------|-------|-----|-----|------|-------|------|
| System Monitoring Compounds |       |     |     |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.29 | 152 | 98  | 0.04 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.29 | 212 | 222 | 0.04 | ng/ul | 0.00 |

|                            |       |     |       |        |        |               |
|----------------------------|-------|-----|-------|--------|--------|---------------|
| Target Compounds           |       |     |       | Ovalue |        |               |
| 3) Naphthalene             | 10.75 | 128 | 769   | 0.164  | ng/ul# | 84            |
| 5) 2-Methylnaphthalene     | 12.37 | 142 | 502   | 0.160  | ng/ul  | 99            |
| 7) Acenaphthylene          | 14.27 | 152 | 338   | 0.075  | ng/ul# | 58            |
| 8) Acenaphthene            | 14.61 | 153 | 3333  | 0.933  | ng/ul  | 98            |
| 9) Fluorene                | 15.59 | 166 | 5400  | 1.362  | ng/ul  | 97            |
| 12) Phenanthrene           | 17.32 | 178 | 38893 | 6.862  | ng/ul  | 95            |
| 13) Anthracene             | 17.41 | 178 | 5947  | 1.100  | ng/ul  | 99            |
| 15) Fluoranthene           | 19.33 | 202 | 25499 | 3.952  | ng/ul  | 93            |
| 17) Pyrene                 | 19.69 | 202 | 18697 | 2.561  | ng/ul  | 96            |
| 18) Benzo(a)anthracene     | 21.42 | 228 | 5308  | 0.774  | ng/ul  | 95            |
| 19) Chrysene               | 21.47 | 228 | 5044m | 0.740  | ng/ul  | } 02/22/21 JU |
| 21) Benzo(b)fluoranthene   | 23.00 | 252 | 4489m | 0.675  | ng/ul  |               |
| 22) Benzo(k)fluoranthene   | 23.04 | 252 | 1599m | 0.241  | ng/ul  |               |
| 23) Benzo(a)pyrene         | 23.57 | 252 | 2743  | 0.463  | ng/ul# | 74            |
| 24) Indeno(1,2,3-cd)pyrene | 25.93 | 276 | 1570  | 0.204  | ng/ul# | 100           |
| 25) Dibenzo(a,h)anthracene | 25.94 | 278 | 447   | 0.069  | ng/ul# | 1             |
| 26) Benzo(a,h,i)perylene   | 26.63 | 276 | 1248  | 0.194  | ng/ul# | 68            |

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