

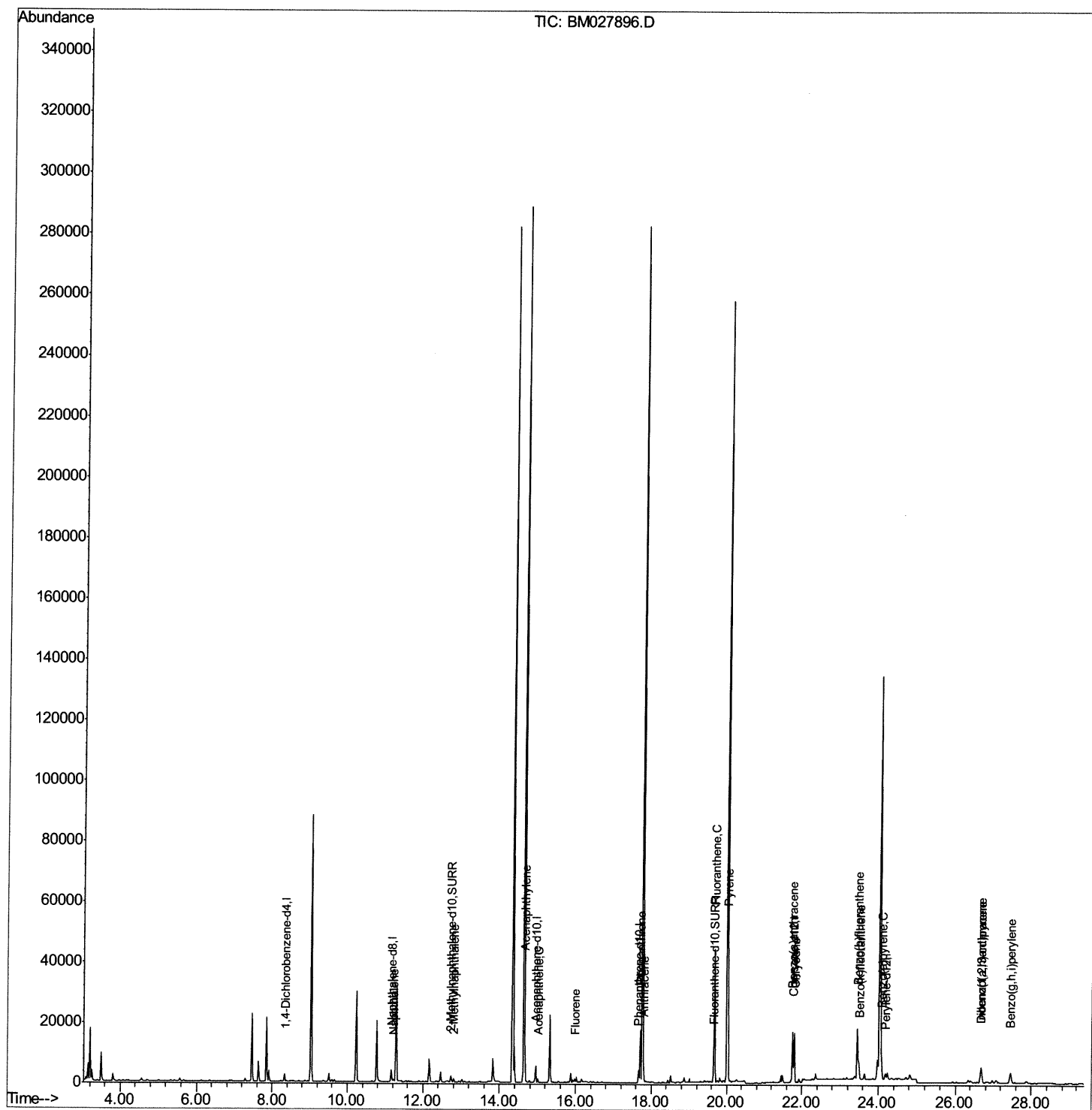
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\  
Data File : BM027896.D  
Acq On : 22 Nov 2020 00:10  
Operator : JU/CG  
Sample : L4711-04  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AZ8

Manual Integrations  
APPROVED

mohammad  
11/24/2020 8:59:21 AM

Quant Time: Nov 23 05:28:01 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 23 04:04:52 2020  
Response via : Initial Calibration



## Quantitation Report (Qedit)

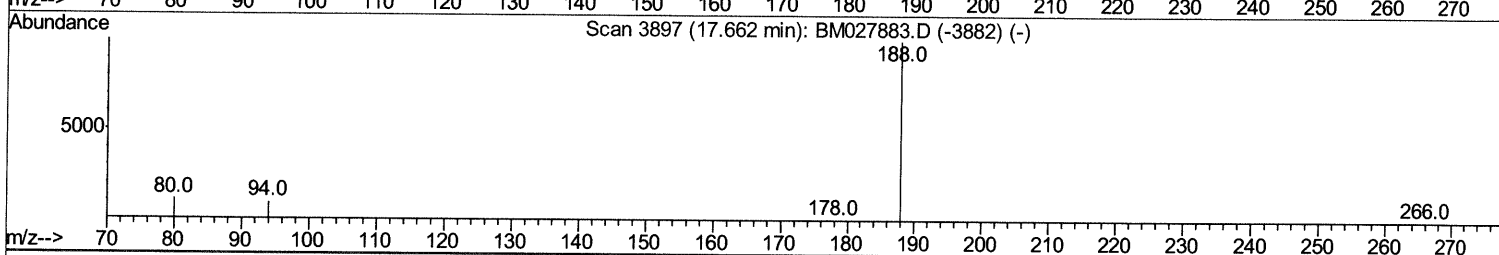
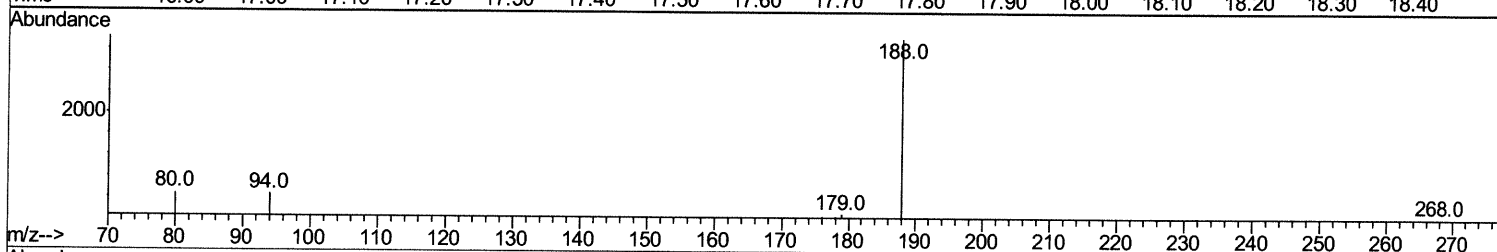
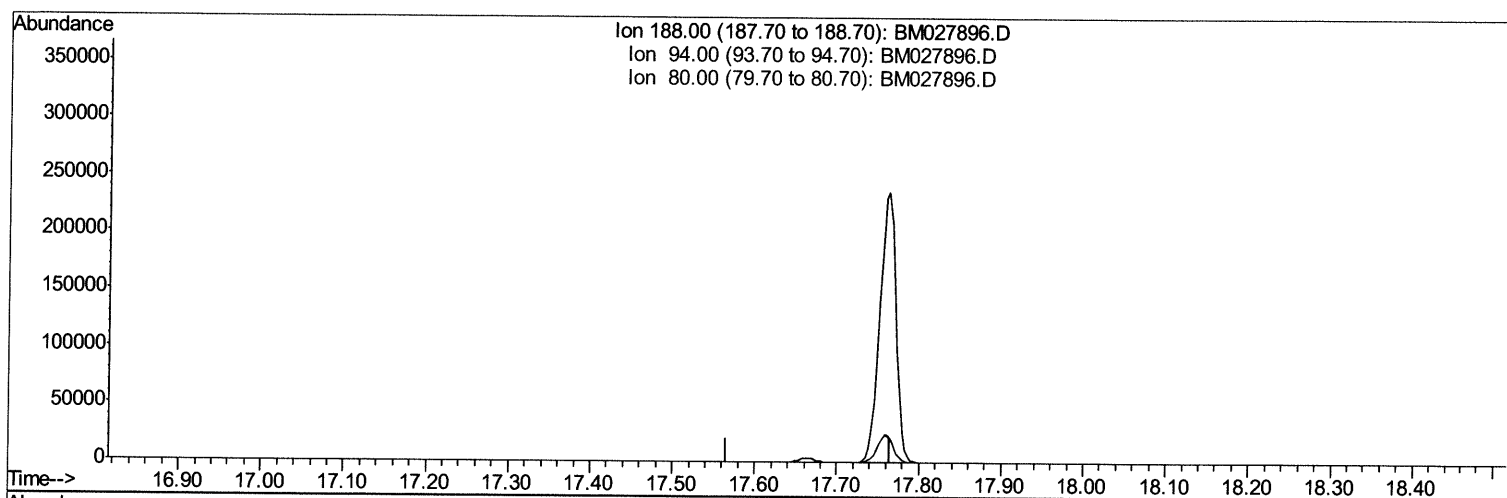
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Quant Time: Nov 23 04:07:43 2020  
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TIC: BM027896.D

(10) Phenanthrene-d10 (I)

17.666min (-17.666) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 0.00  |
| 94.00  | 9.30  | 0.00# |
| 80.00  | 10.20 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

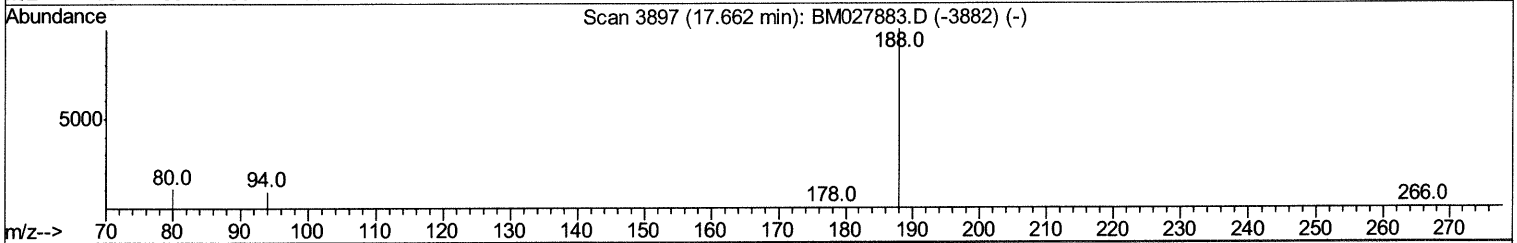
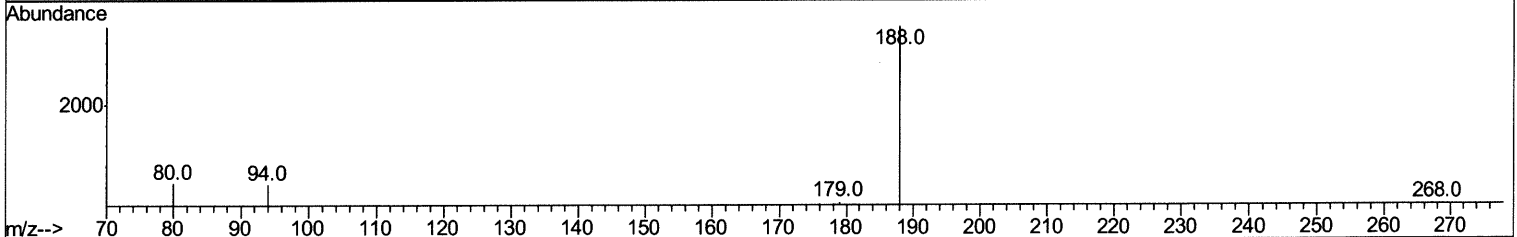
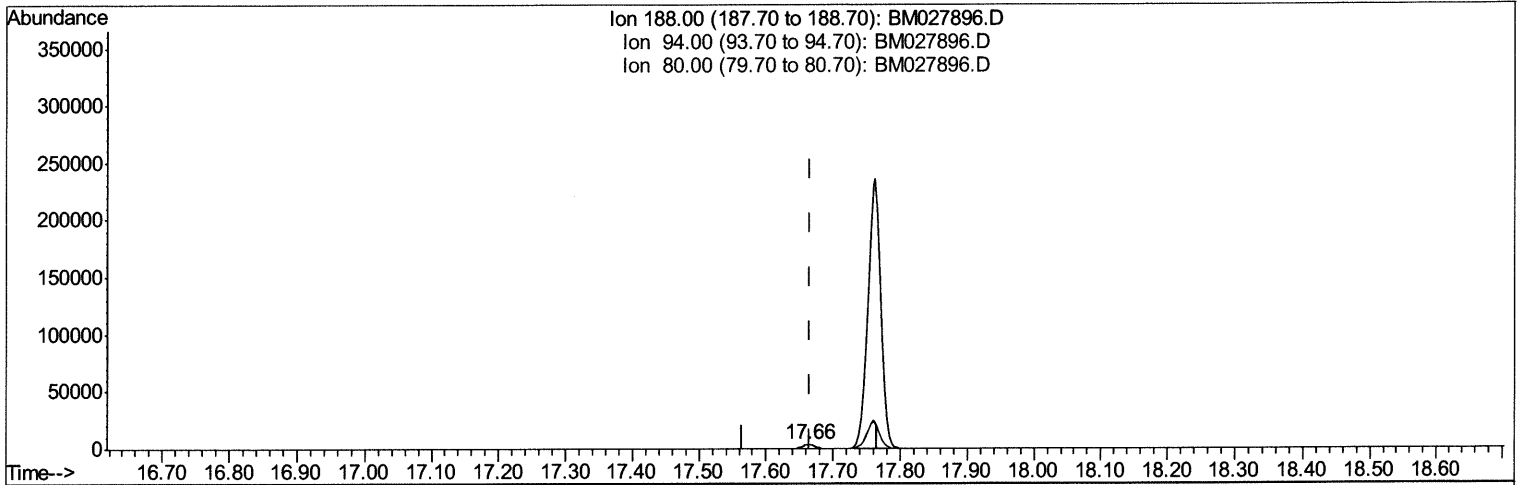
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\  
 Data File : BM027896.D  
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 Operator : JU/CG  
 Sample : L4711-04  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

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TIC: BM027896.D

(10) Phenanthrene-d10 (I)

17.662min (-0.004) 0.40ng/ul m

11/21/2024

response 4796

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 9.30  | 12.68# |
| 80.00  | 10.20 | 13.39# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

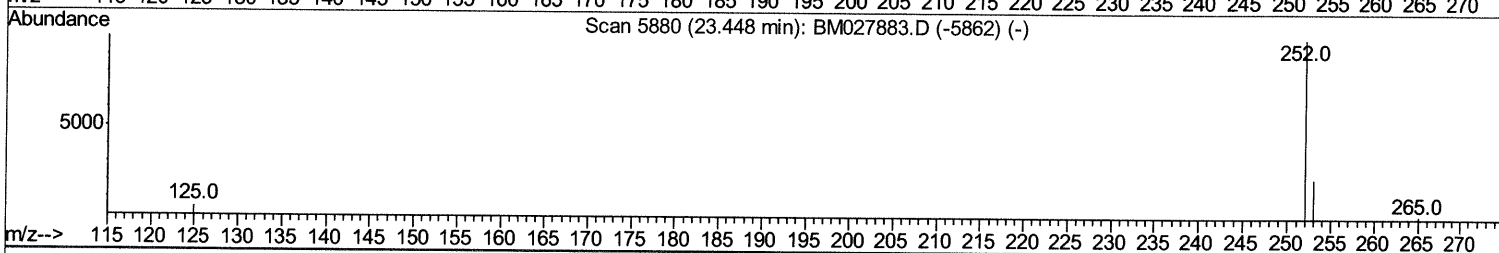
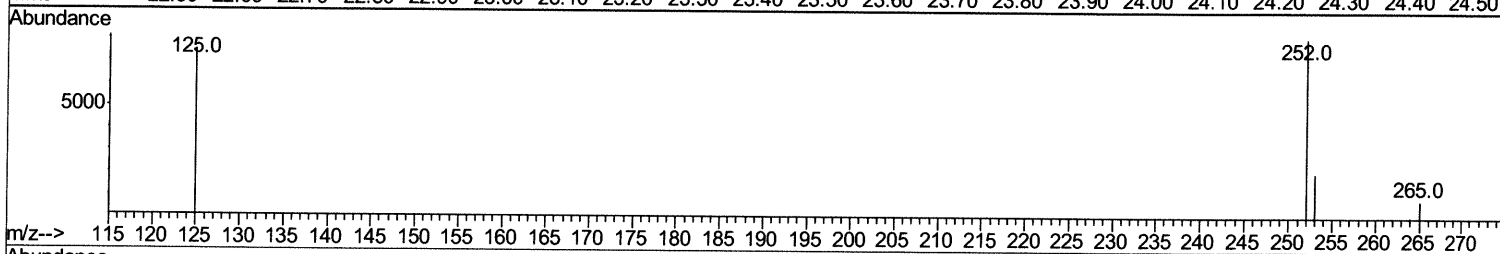
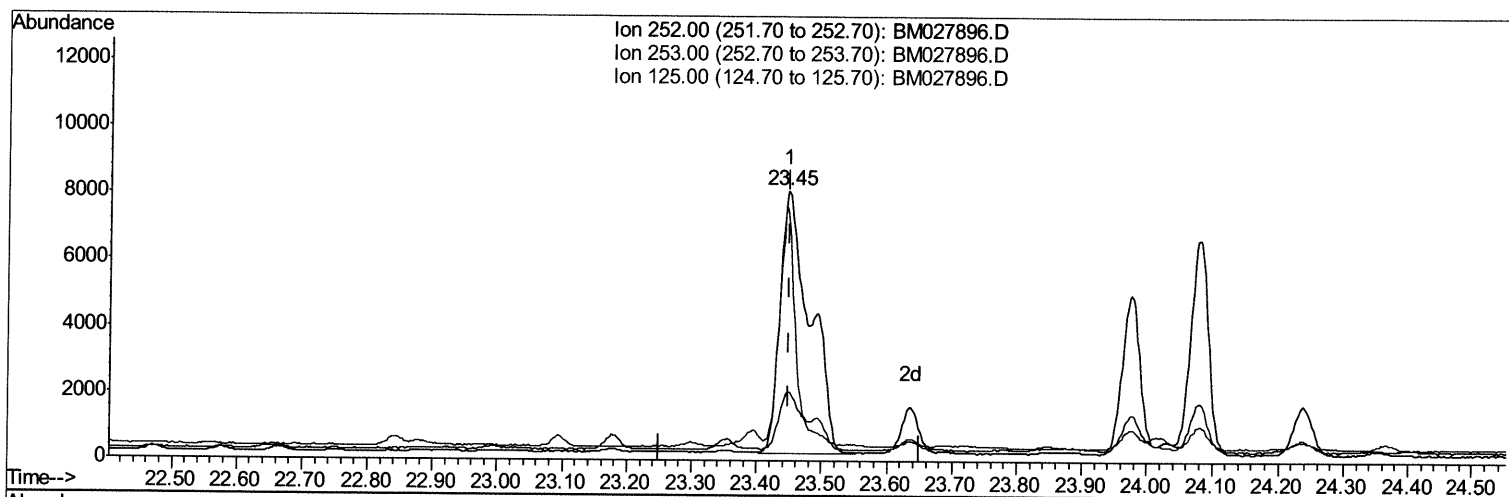
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\  
Data File : BM027896.D  
Acq On : 22 Nov 2020 00:10  
Operator : JU/CG  
Sample : L4711-04  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Manual Integrations  
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TIC: BM027896.D

(21) Benzo(b)fluoranthene

23.447min (-0.003) 2.59ng/ul

response 25019

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.80 | 25.56  |
| 125.00 | 14.20 | 92.90# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

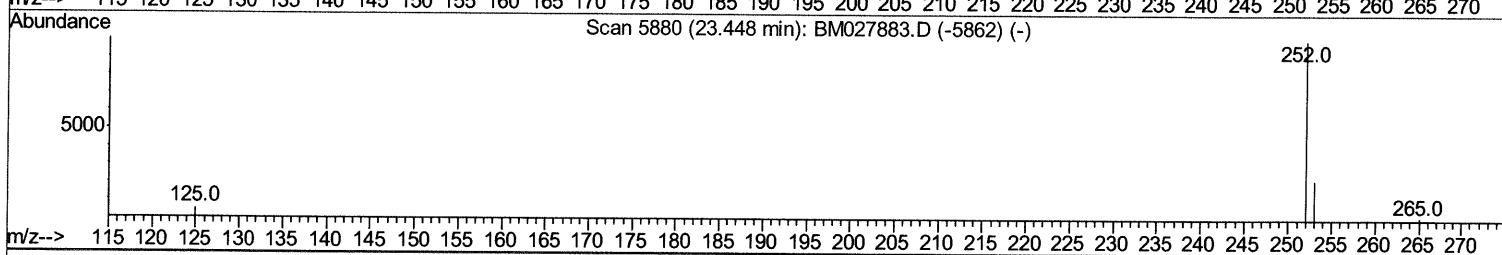
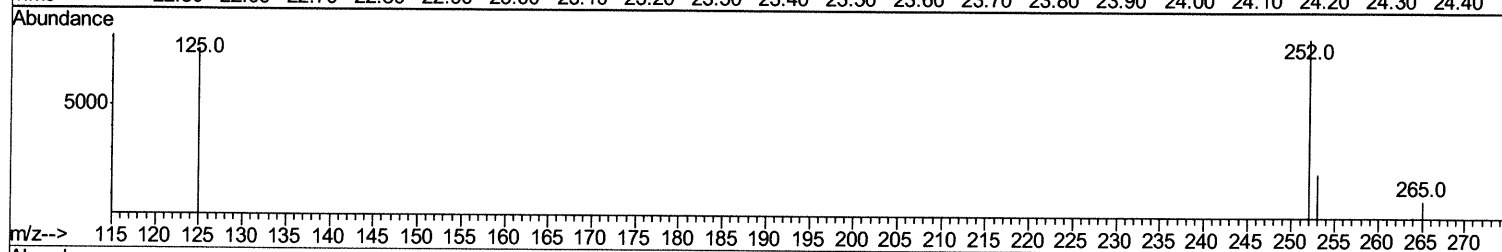
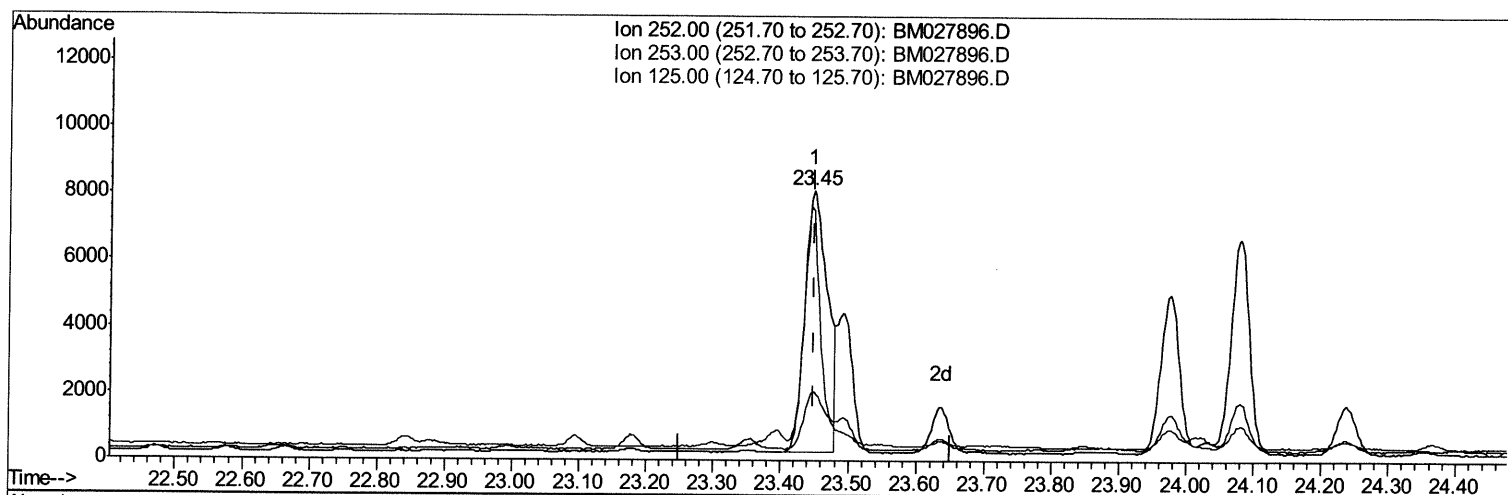
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\  
Data File : BM027896.D  
Acq On : 22 Nov 2020 00:10  
Operator : JU/CG  
Sample : L4711-04  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Manual Integrations  
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11/24/2020 8:59:21 AM

Quant Time: Nov 23 05:23:53 2020  
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Response via : Initial Calibration



TIC: BM027896.D

(21) Benzo(b)fluoranthene

23.447min (-0.003) 1.85ng/ul m 11/27/2024

response 17922

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.80 | 25.56  |
| 125.00 | 14.20 | 92.90# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

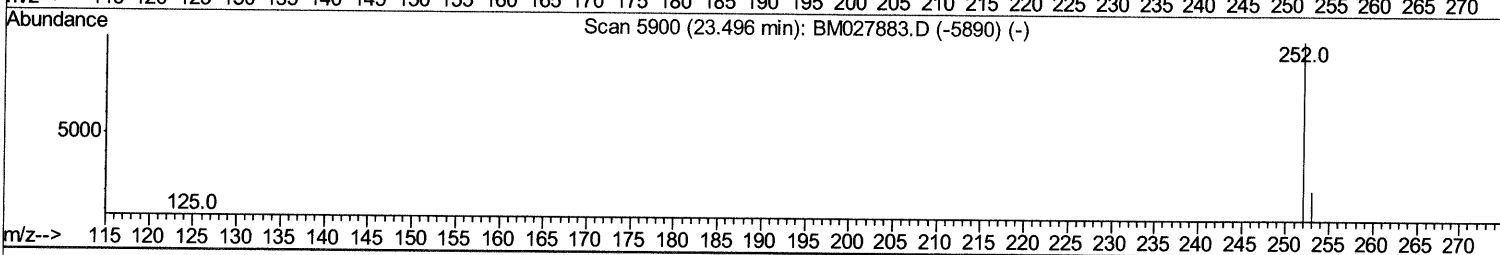
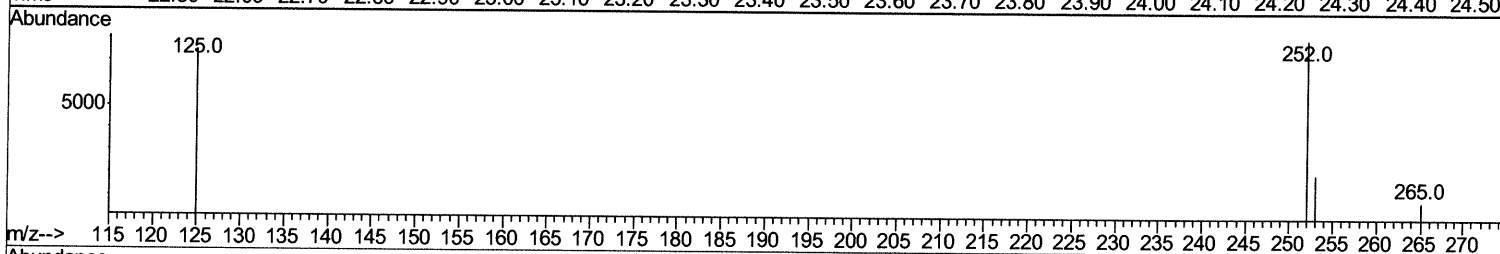
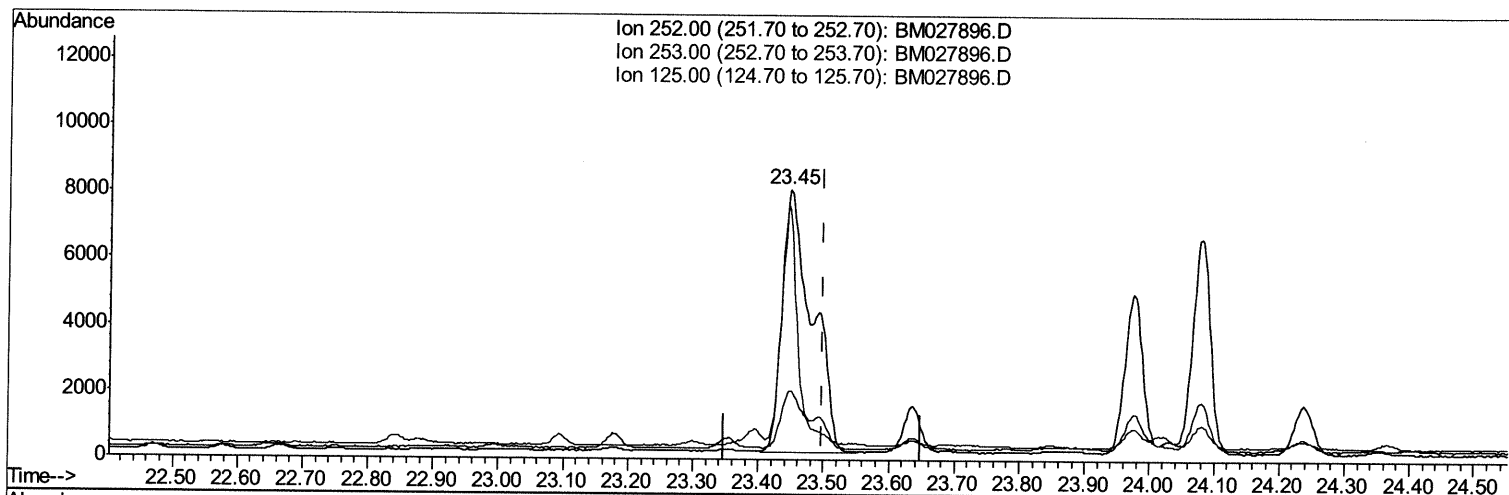
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\  
Data File : BM027896.D  
Acq On : 22 Nov 2020 00:10  
Operator : JU/CG  
Sample : L4711-04  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AZ8

Manual Integrations  
APPROVED

mohammad  
11/24/2020 8:59:21 AM

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TIC: BM027896.D

(22) Benzo(k)fluoranthene

23.447min (-0.051) 2.64ng/ul

response 25019

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.00 | 25.56  |
| 125.00 | 14.70 | 92.90# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

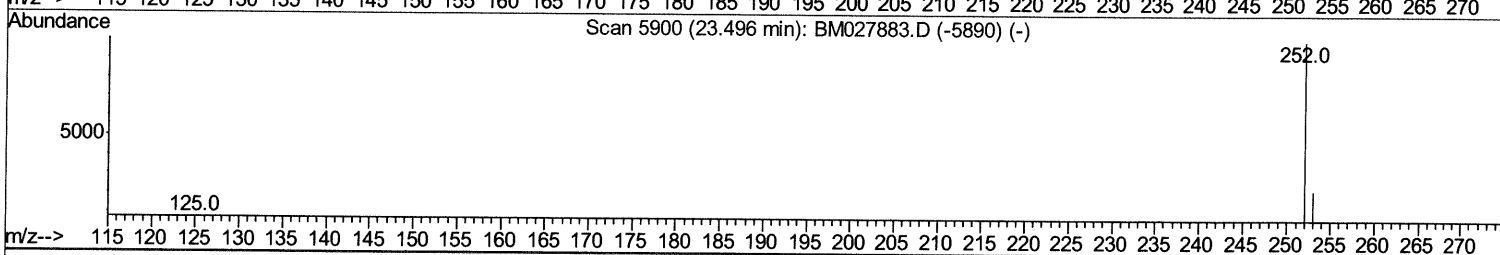
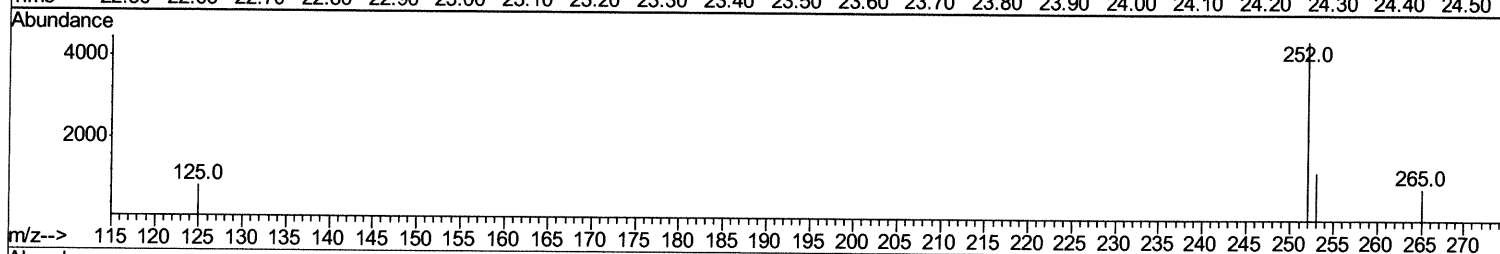
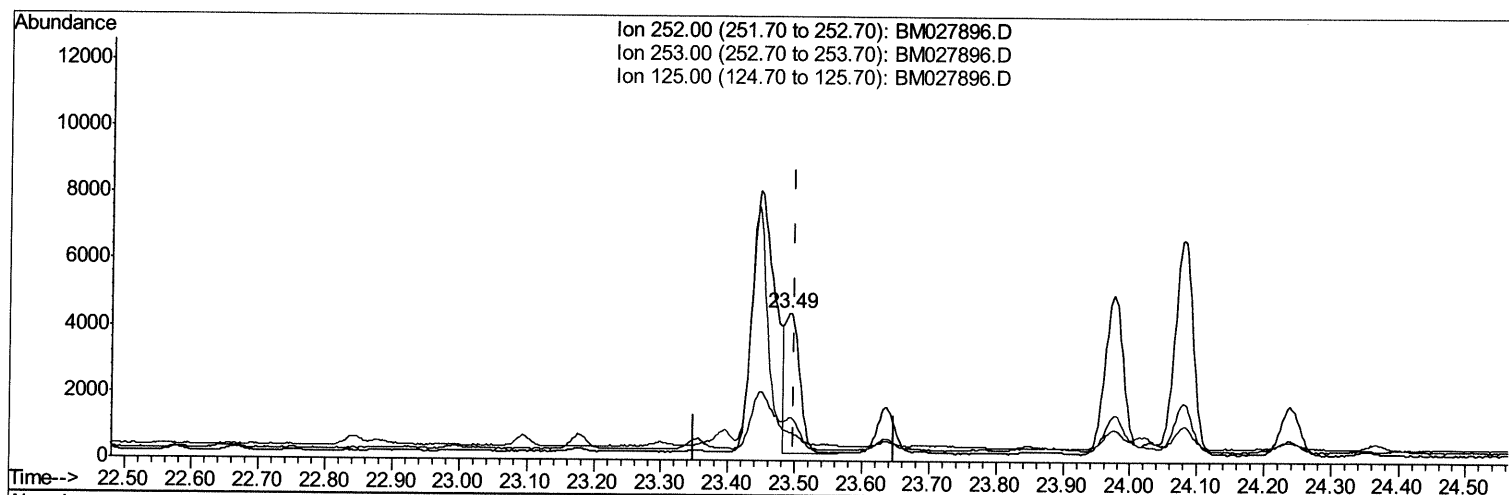
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\  
Data File : BM027896.D  
Acq On : 22 Nov 2020 00:10  
Operator : JU/CG  
Sample : L4711-04  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AZ8

Manual Integrations  
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mohammad  
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TIC: BM027896.D

(22) Benzo(k)fluoranthene

23.491min (-0.007) 0.68ng/ul m 11/27/2024

response 6466

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.00 | 28.77  |
| 125.00 | 14.70 | 19.09# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\  
 Data File : BM027896.D  
 Acq On : 22 Nov 2020 00:10  
 Operator : JU/CG  
 Sample : L4711-04  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AZ8

Manual Integrations  
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mohammad  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units   | Dev(Min) |
|---------------------------|-------|------|----------|------|---------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.33  | 152  | 1230     | 0.40 | ng/ul   | 0.00     |
| 2) Naphthalene-d8         | 11.17 | 136  | 4851     | 0.40 | ng/ul   | 0.00     |
| 6) Acenaphthene-d10       | 14.95 | 164  | 2885     | 0.40 | ng/ul   | 0.00     |
| 10) Phenanthrene-d10      | 17.66 | 188  | 4796m >  | 0.40 | ng/ul > | 0.00     |
| 16) Chrysene-d12          | 21.76 | 240  | 2528     | 0.40 | ng/ul   | 0.00     |
| 20) Perylene-d12          | 24.19 | 264  | 2299     | 0.40 | ng/ul   | 0.00     |

|                             |       |     |      |      |       |      |
|-----------------------------|-------|-----|------|------|-------|------|
| System Monitoring Compounds |       |     |      |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.73 | 152 | 2302 | 0.28 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.65 | 212 | 3077 | 0.24 | ng/ul | 0.00 |

|                            |       |     |          |        |         |    |
|----------------------------|-------|-----|----------|--------|---------|----|
| Target Compounds           |       |     |          | Ovalue |         |    |
| 3) Naphthalene             | 11.22 | 128 | 877      | 0.060  | ng/ul#  | 84 |
| 5) 2-Methylnaphthalene     | 12.80 | 142 | 632      | 0.064  | ng/ul   | 97 |
| 7) Acenaphthylene          | 14.67 | 152 | 2292     | 0.163  | ng/ul   | 95 |
| 8) Acenaphthene            | 15.01 | 153 | 571      | 0.054  | ng/ul#  | 87 |
| 9) Fluorene                | 15.98 | 166 | 786      | 0.064  | ng/ul#  | 94 |
| 12) Phenanthrene           | 17.70 | 178 | 18070    | 1.193  | ng/ul   | 98 |
| 13) Anthracene             | 17.79 | 178 | 4064     | 0.278  | ng/ul   | 98 |
| 15) Fluoranthene           | 19.68 | 202 | 37659    | 2.242  | ng/ul   | 98 |
| 17) Pyrene                 | 20.04 | 202 | 31648    | 2.465  | ng/ul   | 98 |
| 18) Benzo(a)anthracene     | 21.75 | 228 | 14324    | 1.404  | ng/ul   | 98 |
| 19) Chrysene               | 21.80 | 228 | 16400    | 1.651  | ng/ul   | 98 |
| 21) Benzo(b)fluoranthene   | 23.45 | 252 | 17922m } | 1.855  | ng/ul } | 97 |
| 22) Benzo(k)fluoranthene   | 23.49 | 252 | 6466m }  | 0.683  | ng/ul } | 97 |
| 23) Benzo(a)pyrene         | 24.08 | 252 | 12413    | 1.469  | ng/ul   | 93 |
| 24) Indeno(1,2,3-cd)pyrene | 26.68 | 276 | 8586     | 0.939  | ng/ul#  | 98 |
| 25) Dibenzo(a,h)anthracene | 26.69 | 278 | 2360     | 0.310  | ng/ul#  | 46 |
| 26) Benzo(a,h,i)perylene   | 27.46 | 276 | 8356     | 1.089  | ng/ul   | 97 |

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