

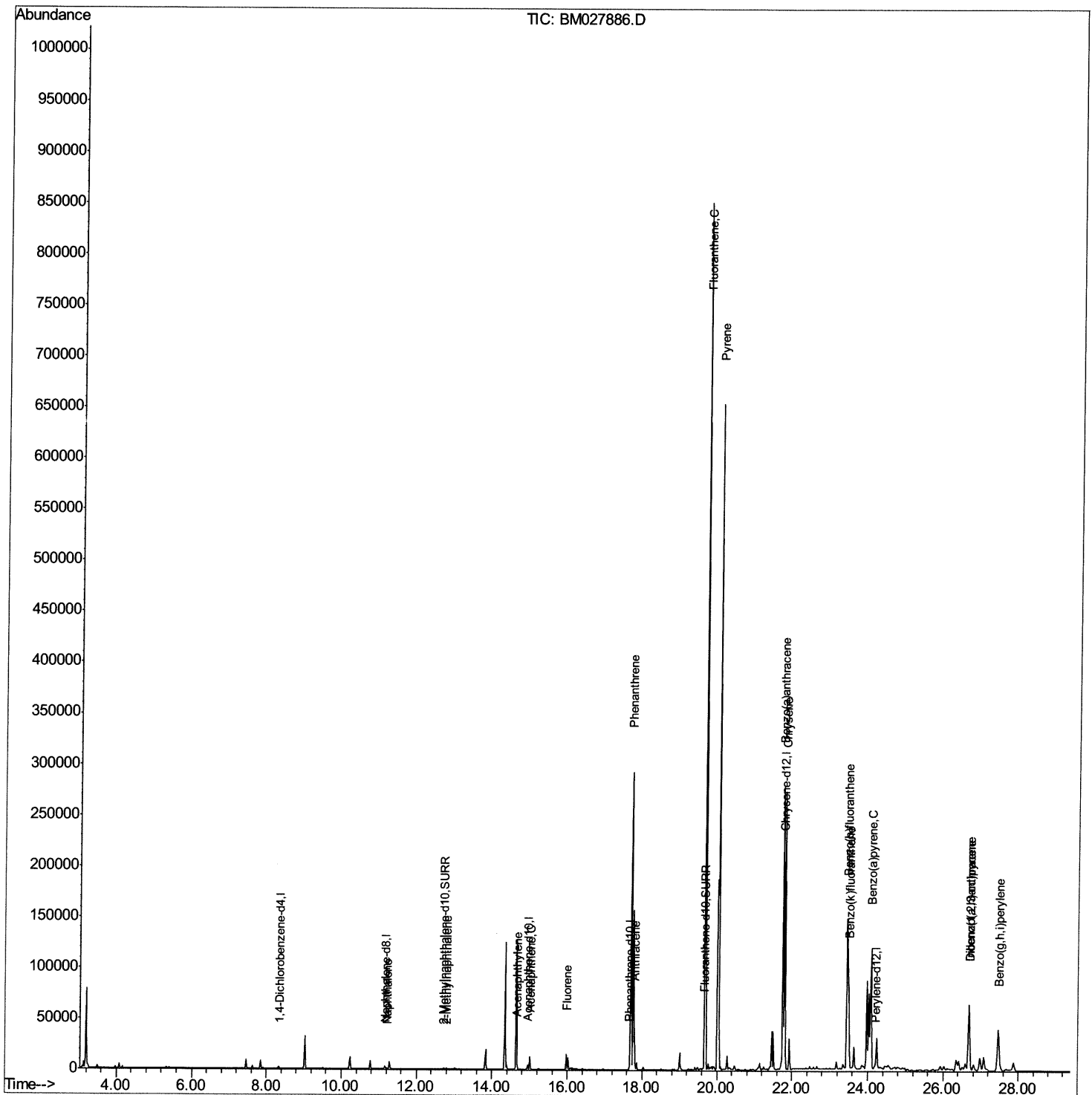
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\  
Data File : BM027886.D  
Acq On : 21 Nov 2020 18:07  
Operator : JU/CG  
Sample : L4711-10  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0B53

Manual Integrations  
APPROVED

mohammad  
11/24/2020 8:59:40 AM

Quant Time: Nov 23 04:24:11 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)

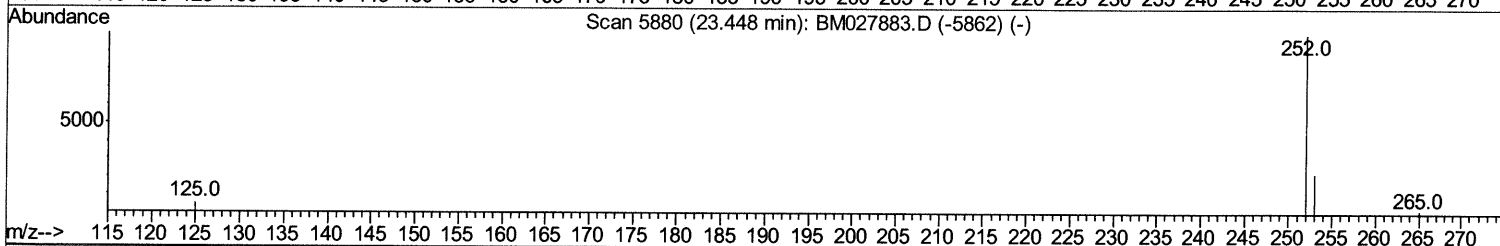
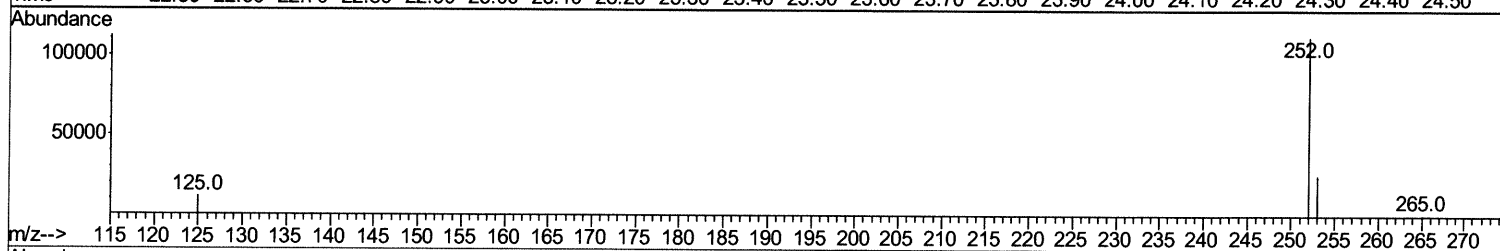
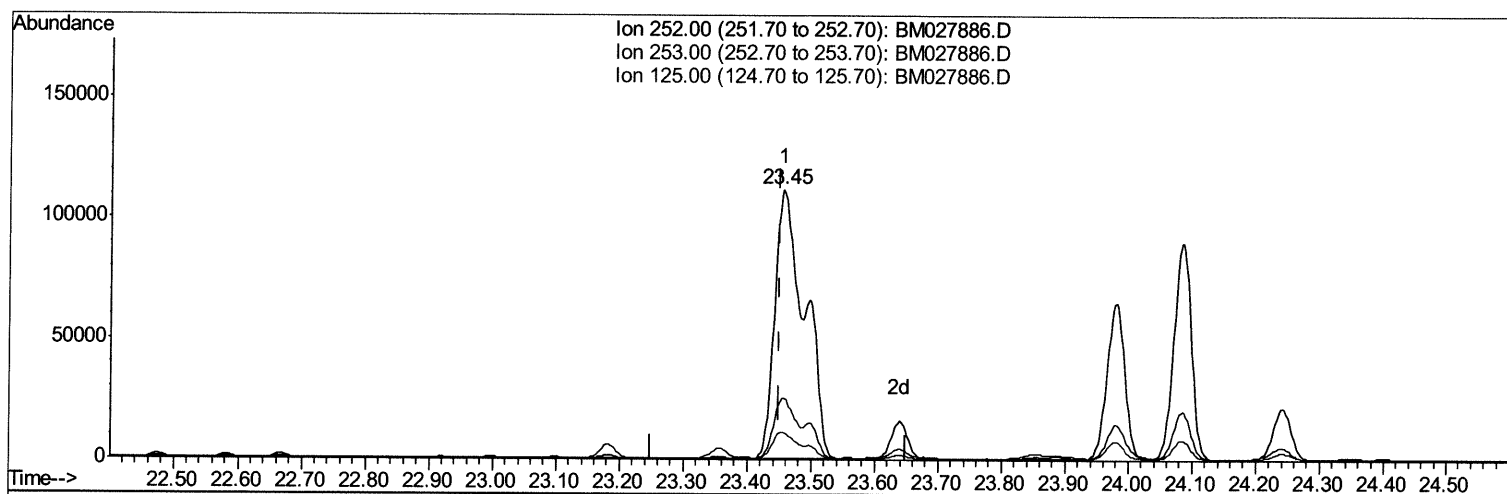
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TIC: BM027886.D

(21) Benzo(b)fluoranthene  
23.455min (+0.005) 30.55ng/ul  
response 362018

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 22.77 |
| 125.00 | 14.20 | 10.13 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

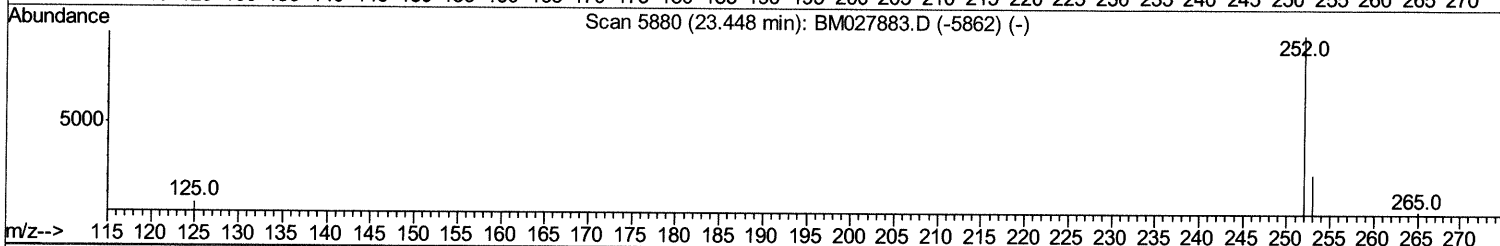
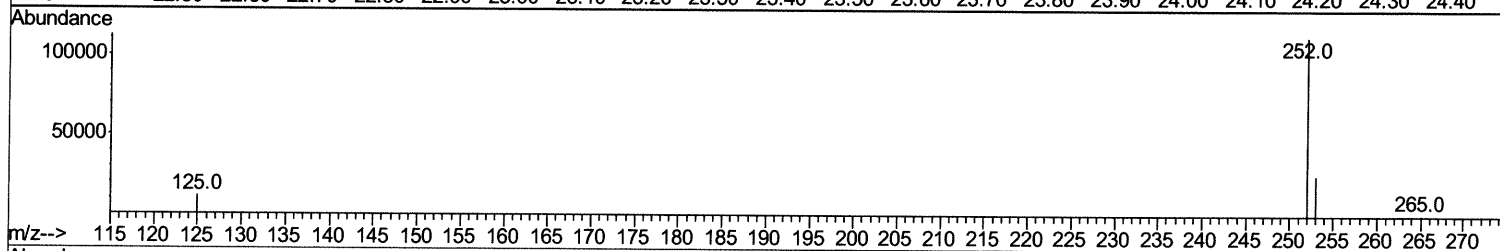
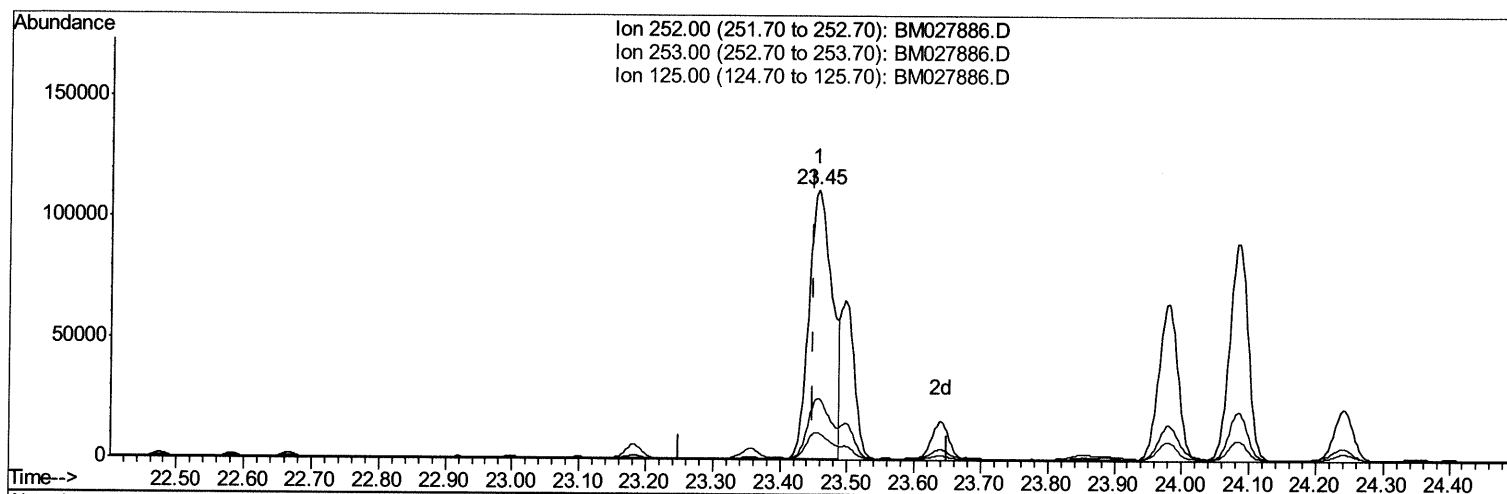
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\  
Data File : BM027886.D  
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TIC: BM027886.D

(21) Benzo(b)fluoranthene

23.455min (+0.005) 22.43ng/ul m 11/27/2020

response 265817

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 29.80 | 22.77 |
| 125.00 | 14.20 | 10.13 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

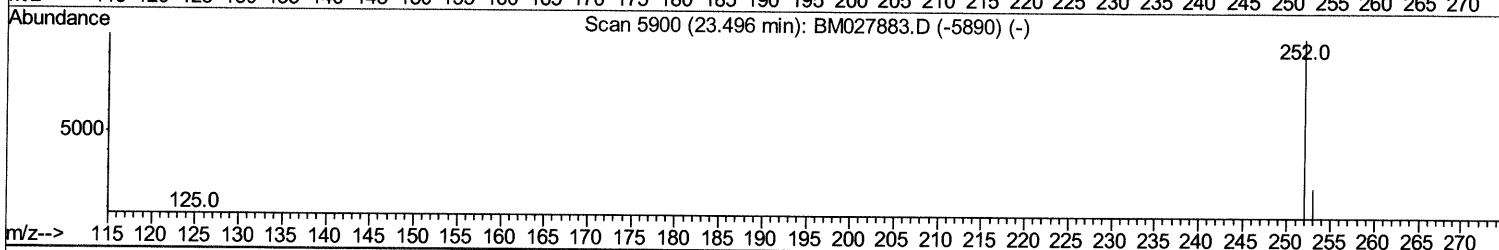
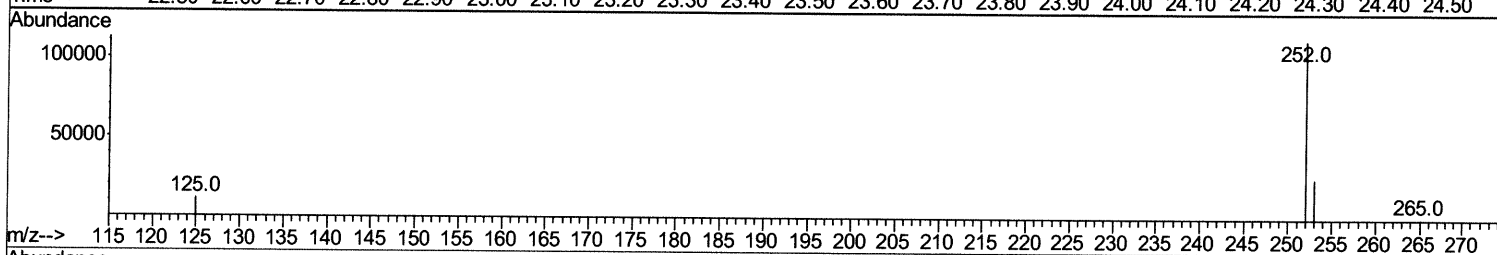
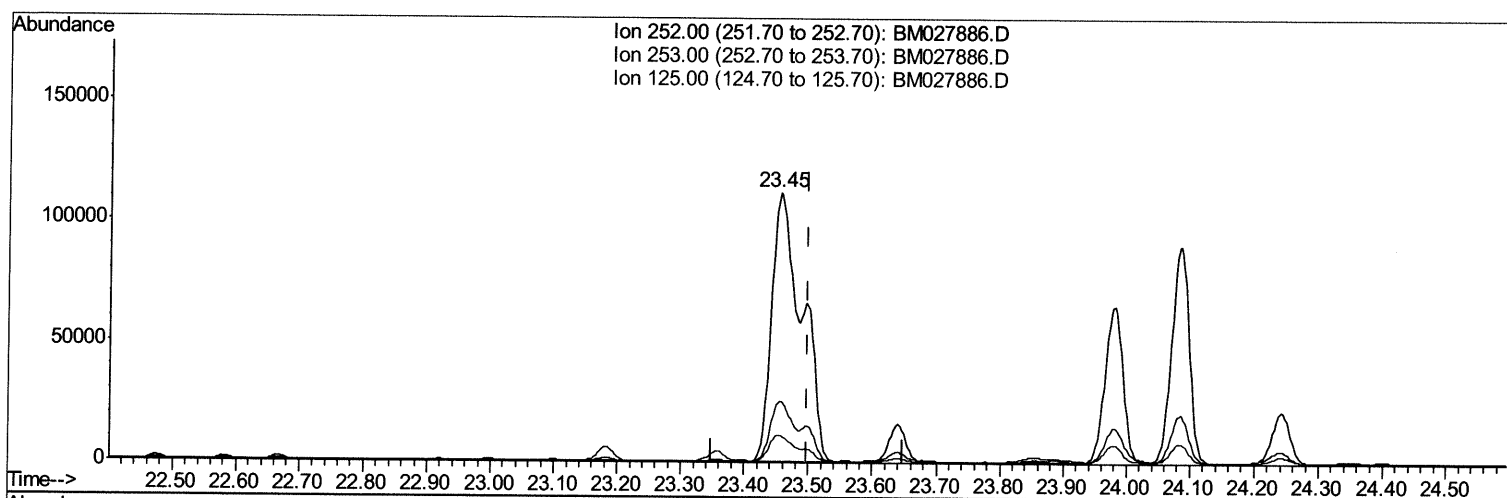
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\  
 Data File : BM027886.D  
 Acq On : 21 Nov 2020 18:07  
 Operator : JU/CG  
 Sample : L4711-10  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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TIC: BM027886.D

(22) Benzo(k)fluoranthene

23.455min (-0.044) 31.19ng/ul

response 361995

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.00 | 22.77# |
| 125.00 | 14.70 | 10.13# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

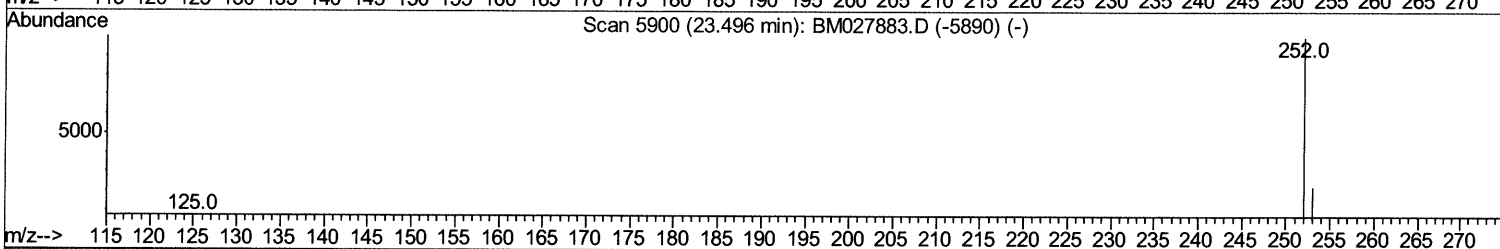
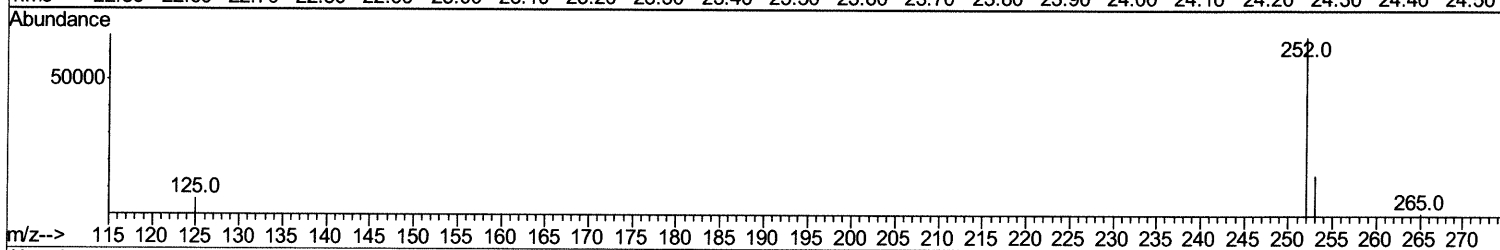
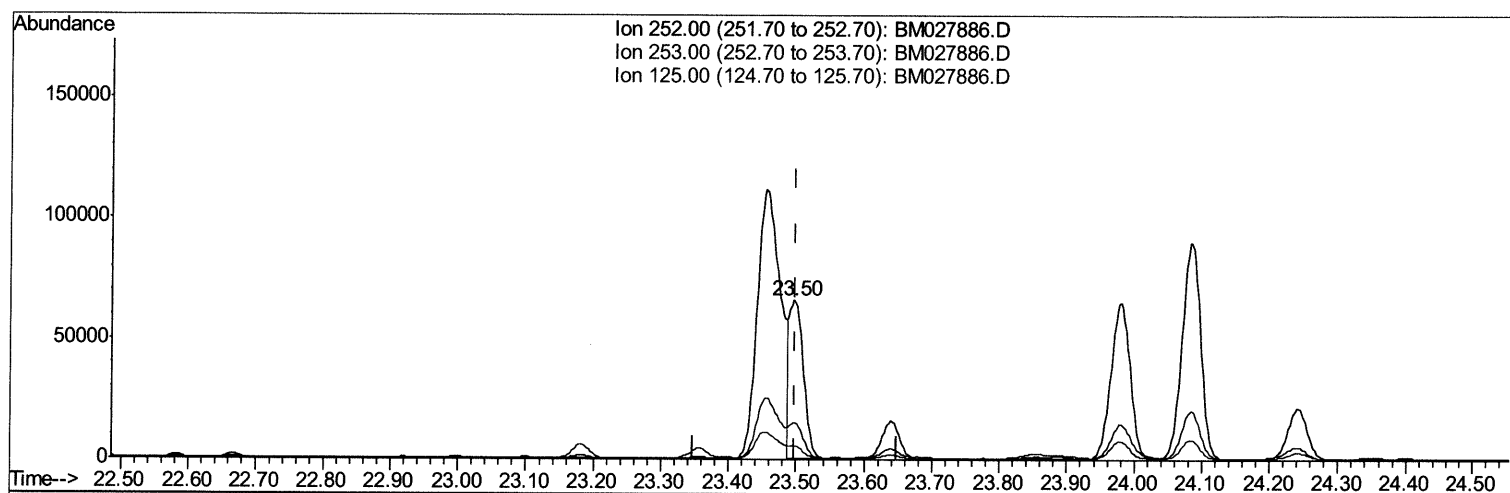
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Operator : JU/CG  
Sample : L4711-10  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Manual Integrations  
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TIC: BM027886.D

(22) Benzo(k)fluoranthene

23.496min (-0.003) 8.20ng/ul m 11/27/20 JU

response 95123

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.00 | 22.99# |
| 125.00 | 14.70 | 8.87#  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\  
 Data File : BM027886.D  
 Acq On : 21 Nov 2020 18:07  
 Operator : JU/CG  
 Sample : L4711-10  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B53

Manual Integrations  
 APPROVED

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 11/24/2020 8:59:40 AM

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| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|--------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 8.33  | 152  | 981      | 0.40   | ng/ul  | 0.00        |
| 2) Naphthalene-d8           | 11.17 | 136  | 4030     | 0.40   | ng/ul  | 0.00        |
| 6) Acenaphthene-d10         | 14.95 | 164  | 2445     | 0.40   | ng/ul  | 0.00        |
| 10) Phenanthrene-d10        | 17.66 | 188  | 4872     | 0.40   | ng/ul  | 0.00        |
| 16) Chrysene-d12            | 21.77 | 240  | 3242     | 0.40   | ng/ul  | 0.00        |
| 20) Perylene-d12            | 24.19 | 264  | 2820     | 0.40   | ng/ul  | 0.00        |
| System Monitoring Compounds |       |      |          |        |        |             |
| 4) 2-Methylnaphthalene-d10  | 12.73 | 152  | 978      | 0.14   | ng/ul  | 0.00        |
| 14) Fluoranthene-d10        | 19.65 | 212  | 2171     | 0.17   | ng/ul  | 0.00        |
| Target Compounds            |       |      |          |        |        |             |
|                             |       |      |          |        | Ovalue |             |
| 3) Naphthalene              | 11.22 | 128  | 1080     | 0.089  | ng/ul# | 88          |
| 5) 2-Methylnaphthalene      | 12.80 | 142  | 580      | 0.071  | ng/ul  | 99          |
| 7) Acenaphthylene           | 14.67 | 152  | 1594     | 0.134  | ng/ul# | 93          |
| 8) Acenaphthene             | 15.01 | 153  | 7459     | 0.834  | ng/ul  | 99          |
| 9) Fluorene                 | 15.98 | 166  | 9445     | 0.911  | ng/ul  | 99          |
| 12) Phenanthrene            | 17.70 | 178  | 299509   | 19.461 | ng/ul  | 97          |
| 13) Anthracene              | 17.79 | 178  | 44549    | 3.001  | ng/ul  | 98          |
| 15) Fluoranthene            | 19.68 | 202  | 697170   | 40.855 | ng/ul  | 99          |
| 17) Pyrene                  | 20.04 | 202  | 547485   | 33.251 | ng/ul  | 99          |
| 18) Benzo(a)anthracene      | 21.75 | 228  | 241428   | 18.457 | ng/ul  | 100         |
| 19) Chrysene                | 21.81 | 228  | 267813   | 21.020 | ng/ul  | 99          |
| 21) Benzo(b)fluoranthene    | 23.45 | 252  | 265817m  | 22.429 | ng/ul  | 11/27/20 JU |
| 22) Benzo(k)fluoranthene    | 23.50 | 252  | 95123m   | 8.196  | ng/ul  |             |
| 23) Benzo(a)pyrene          | 24.08 | 252  | 171913   | 16.591 | ng/ul# | 83          |
| 24) Indeno(1,2,3-cd)pyrene  | 26.69 | 276  | 109468   | 9.757  | ng/ul# | 95          |
| 25) Dibenzo(a,h)anthracene  | 26.69 | 278  | 28557    | 3.057  | ng/ul  | 92          |
| 26) Benzo(a,h,i)perylene    | 27.46 | 276  | 92589    | 9.836  | ng/ul  | 92          |

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