

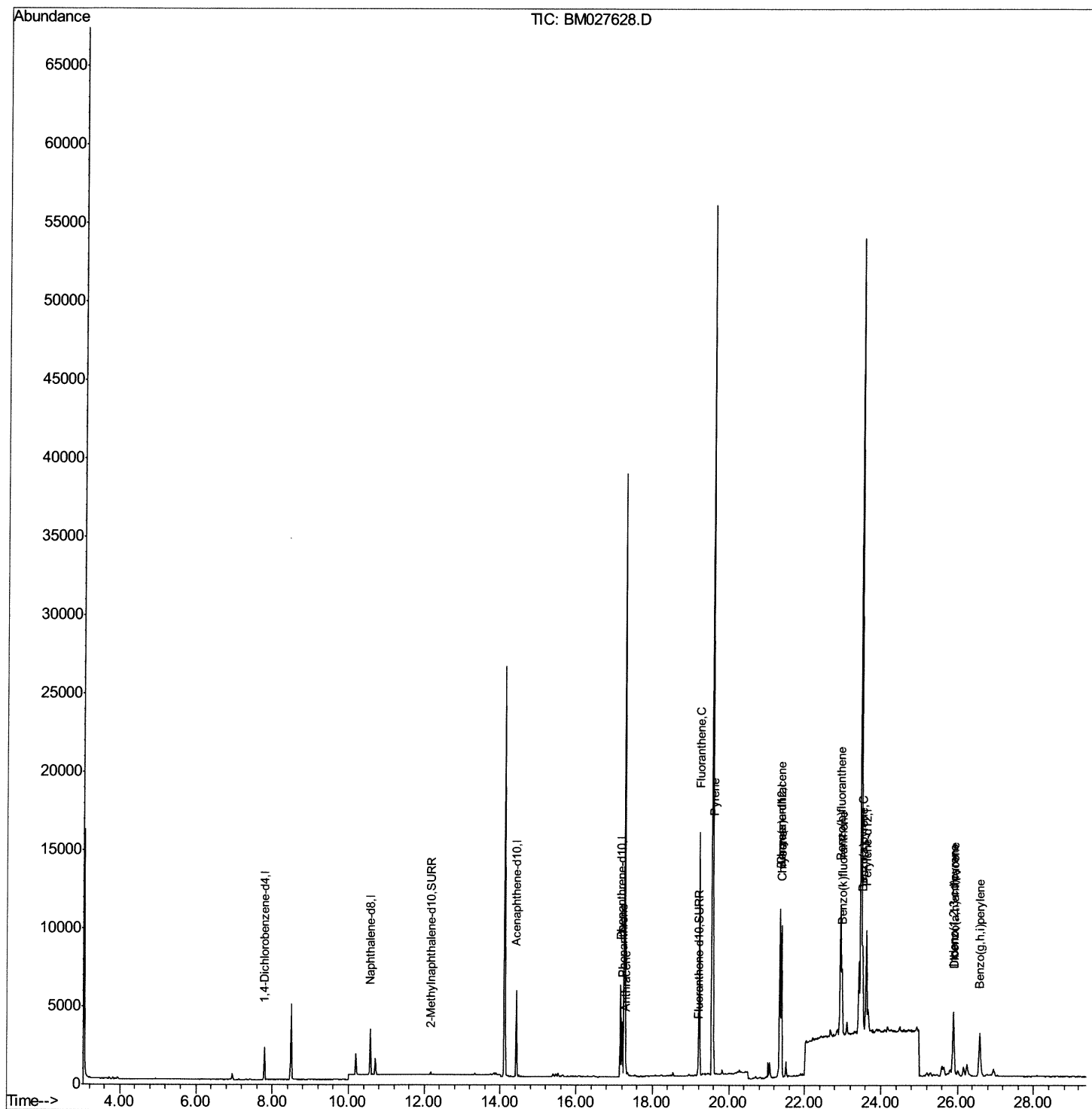
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\  
Data File : BM027628.D  
Acq On : 06 Oct 2020 09:04  
Operator : JU/CG  
Sample : L4184-17DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AQ1DL

Manual Integrations  
APPROVED

mohammad  
10/6/2020 3:24:32 PM

Quant Time: Oct 06 10:12:21 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM092320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 05 10:43:07 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

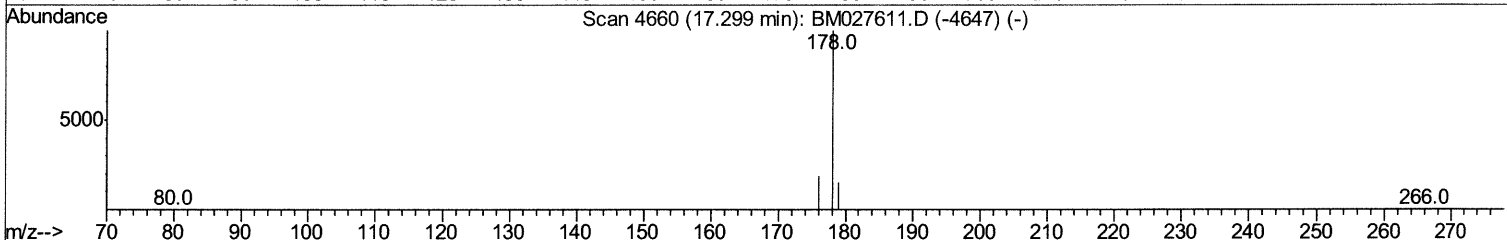
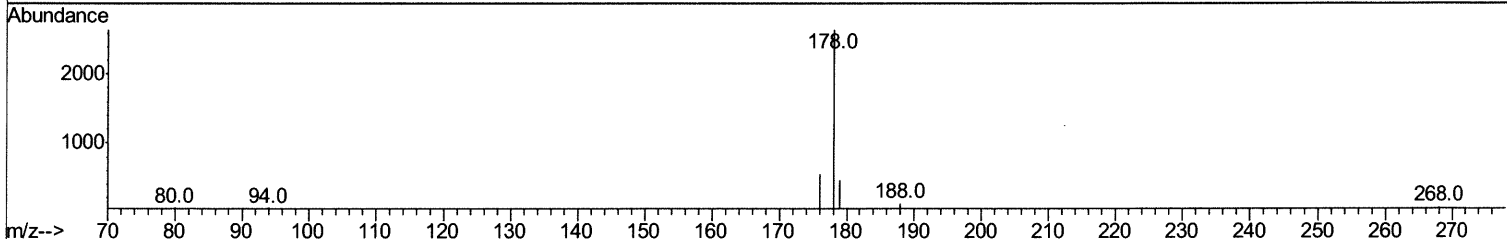
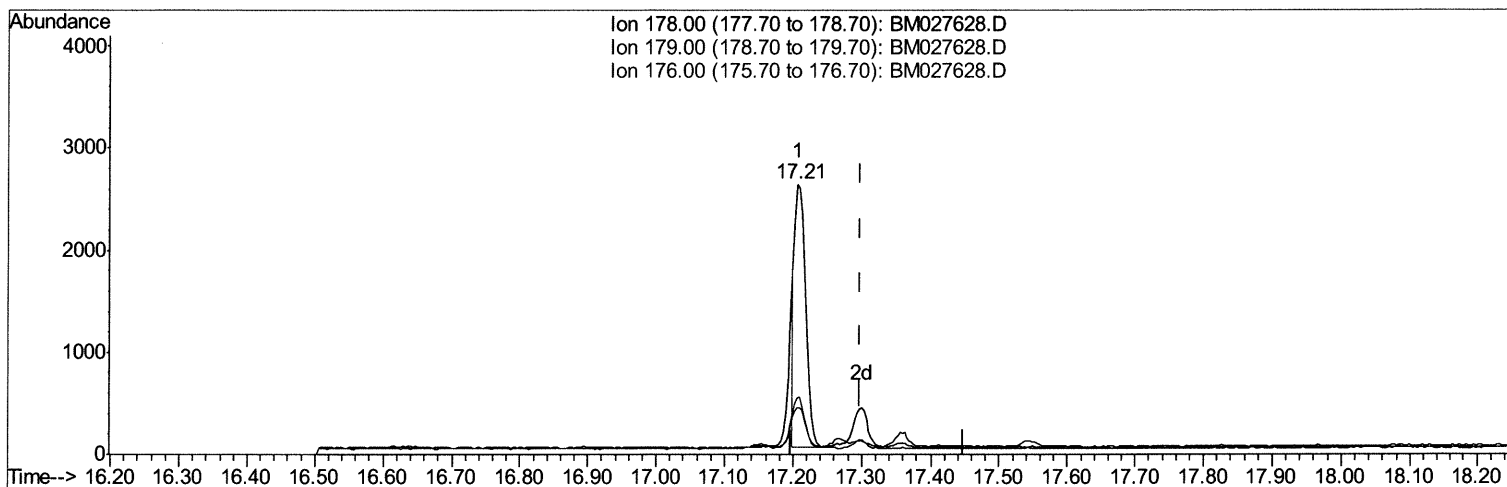
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Manual Integrations  
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Quant Time: Oct 06 10:09:16 2020  
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TIC: BM027628.D

(13) Anthracene

17.206min (-0.091) 0.12ng/ul

response 2802

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 16.20 | 17.28 |
| 176.00 | 19.00 | 20.73 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

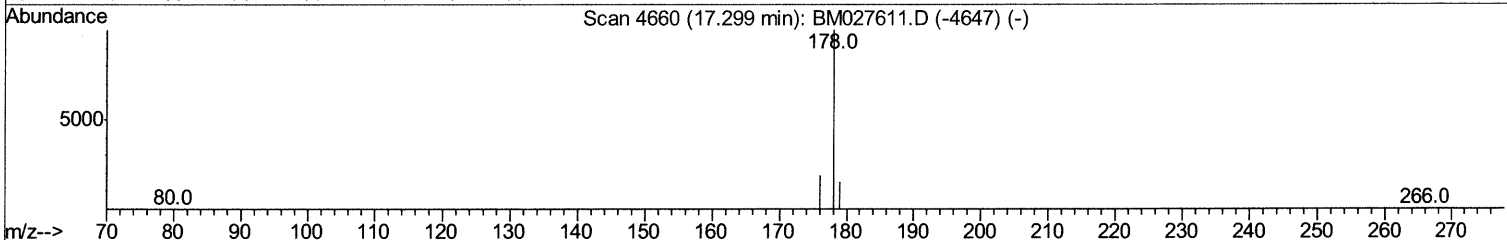
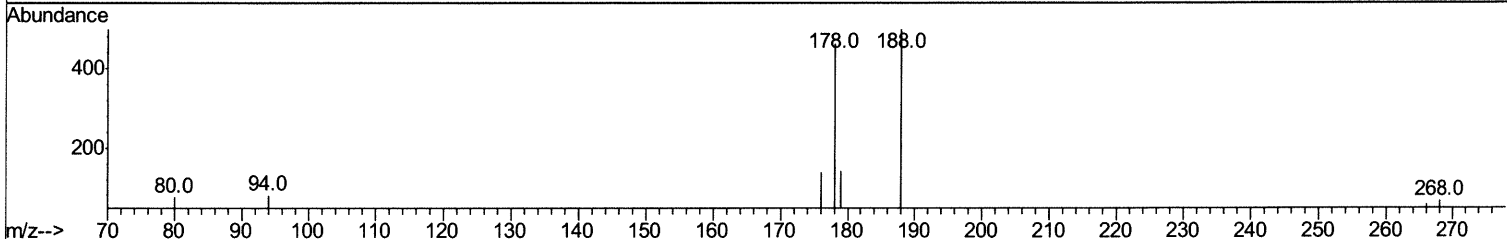
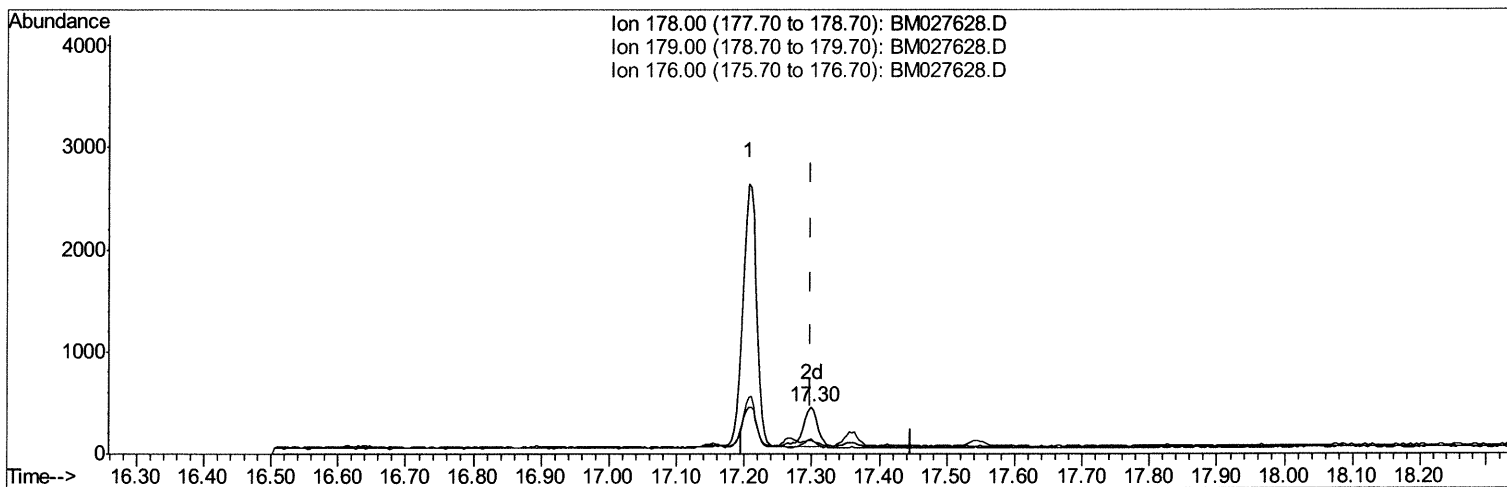
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\  
 Data File : BM027628.D  
 Acq On : 06 Oct 2020 09:04  
 Operator : JU/CG  
 Sample : L4184-17DL 5X  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AQ1DL

Manual Integrations  
 APPROVED

mohammad  
 10/6/2020 3:24:32 PM

Quant Time: Oct 06 10:09:16 2020  
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 QLast Update : Mon Oct 05 10:43:07 2020  
 Response via : Initial Calibration



TIC: BM027628.D

(13) Anthracene

17.300min (+0.002) 0.03ng/ul m 10/07/20 JU

response 588

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 16.20 | 30.30# |
| 176.00 | 19.00 | 29.87# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

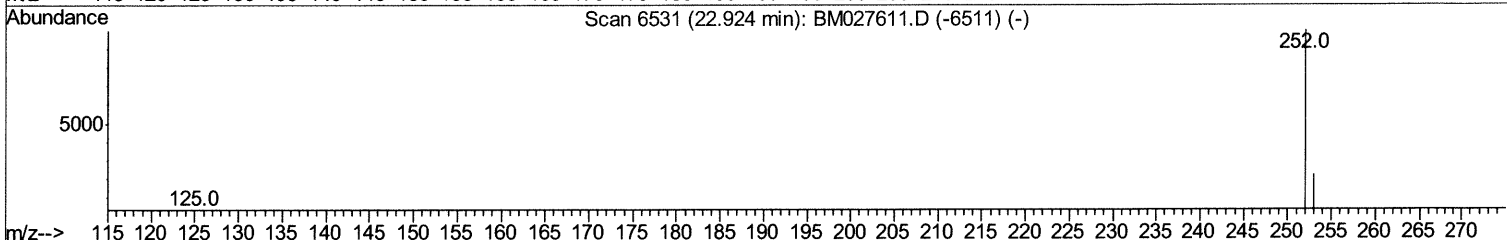
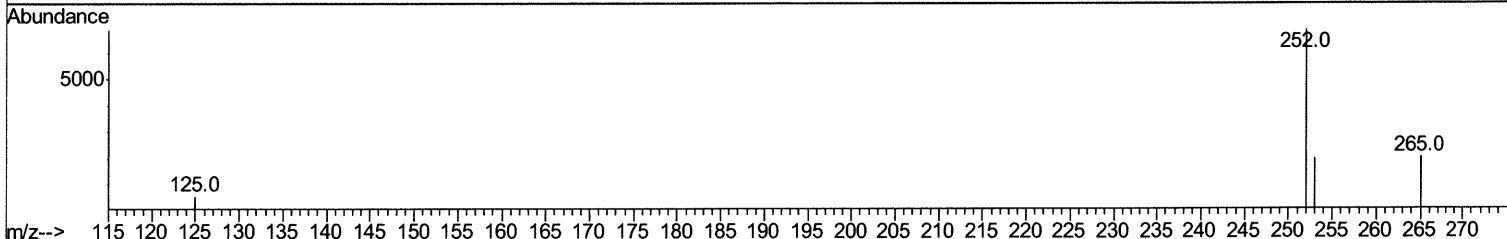
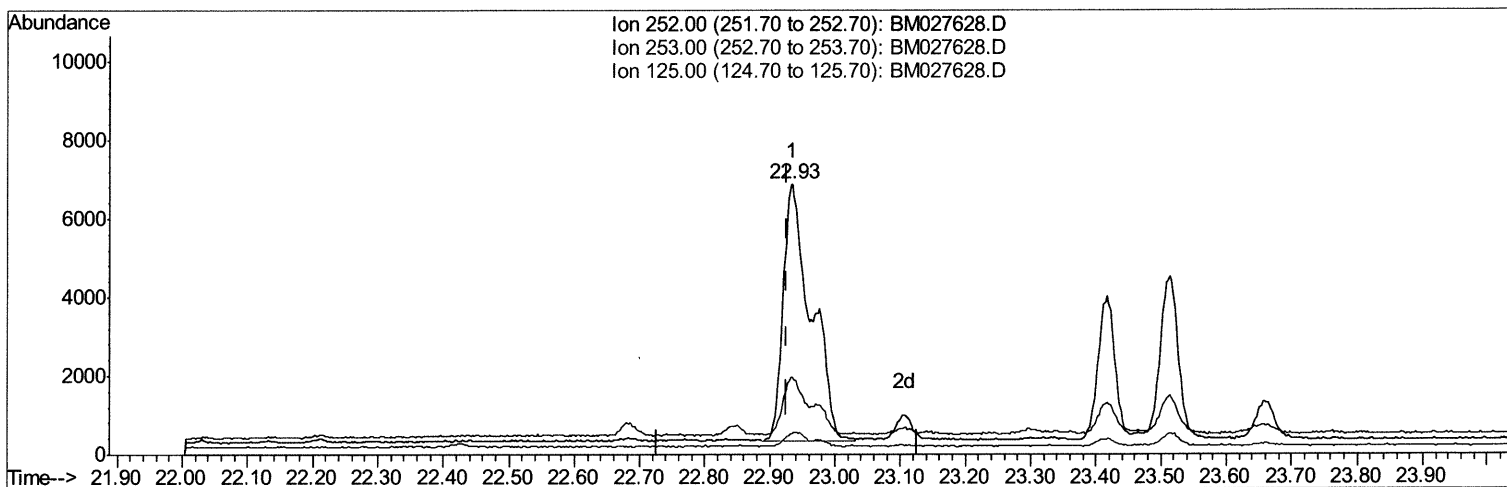
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\  
 Data File : BM027628.D  
 Acq On : 06 Oct 2020 09:04  
 Operator : JU/CG  
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 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 C0AQ1DL

Manual Integrations  
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TIC: BM027628.D

(21) Benzo(b)fluoranthene  
 22.934min (+0.007) 0.58ng/ul  
 response 19281  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.10 | 28.72 |
| 125.00 | 5.30  | 7.84  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

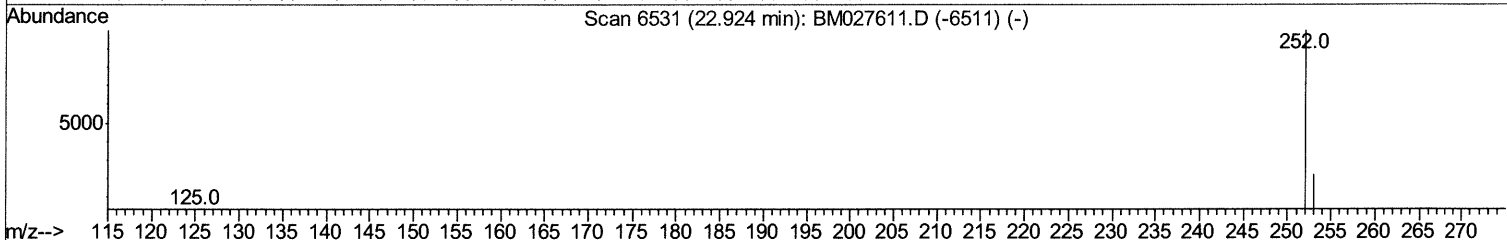
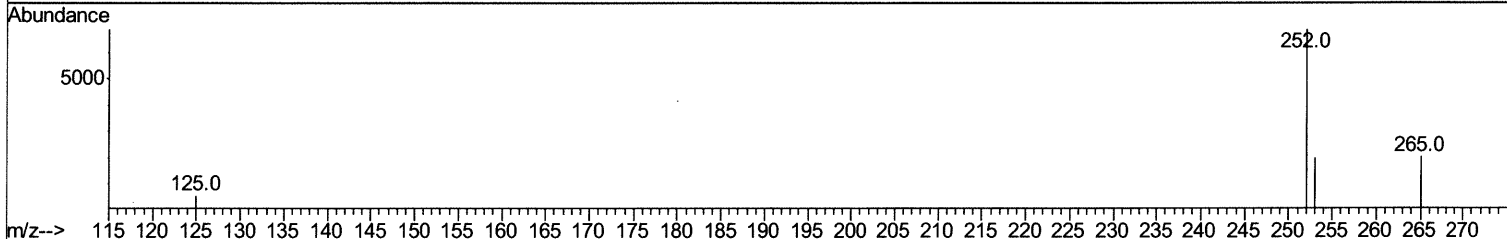
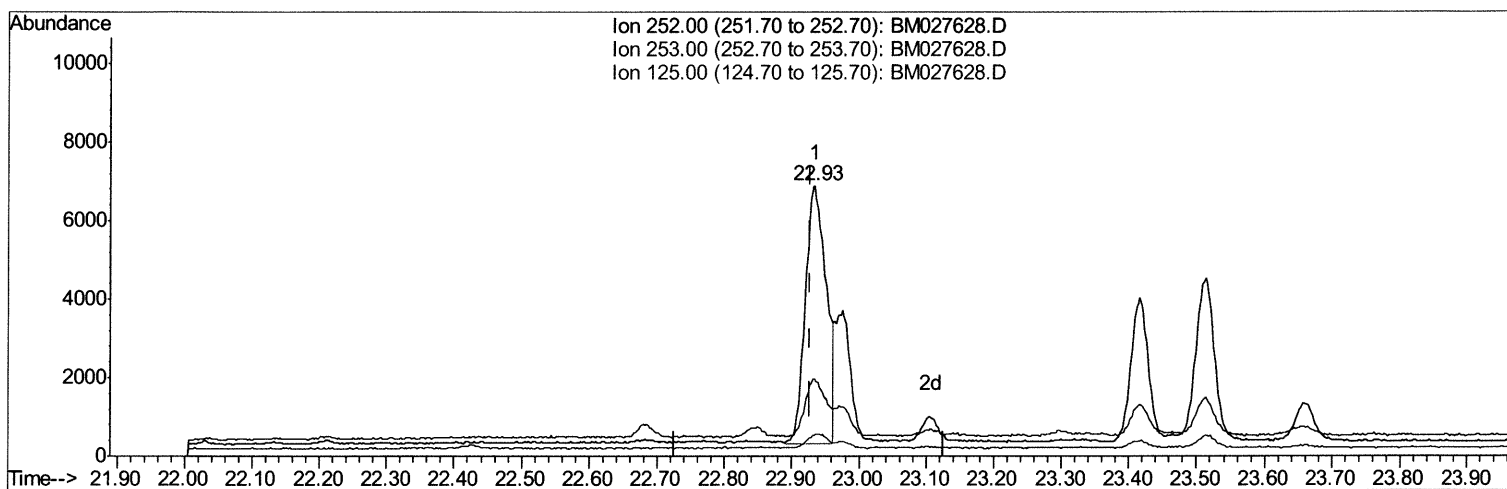
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\  
 Data File : BM027628.D  
 Acq On : 06 Oct 2020 09:04  
 Operator : JU/CG  
 Sample : L4184-17DL 5X  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AQ1DL

Manual Integrations  
 APPROVED

mohammad  
 10/6/2020 3:24:32 PM

Quant Time: Oct 06 10:09:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM092320.M  
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 Response via : Initial Calibration



TIC: BM027628.D

(21) Benzo(b)fluoranthene

22.934min (+0.007) 0.42ng/ul m 10/07/20 JU

response 14024

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.10 | 28.72 |
| 125.00 | 5.30  | 7.84  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

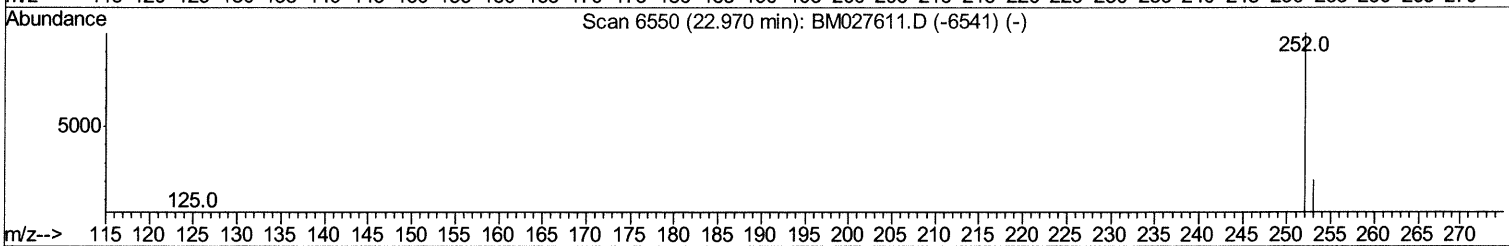
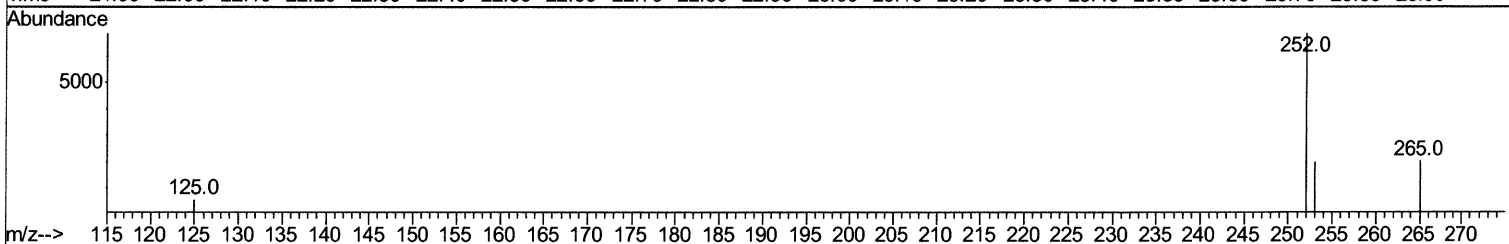
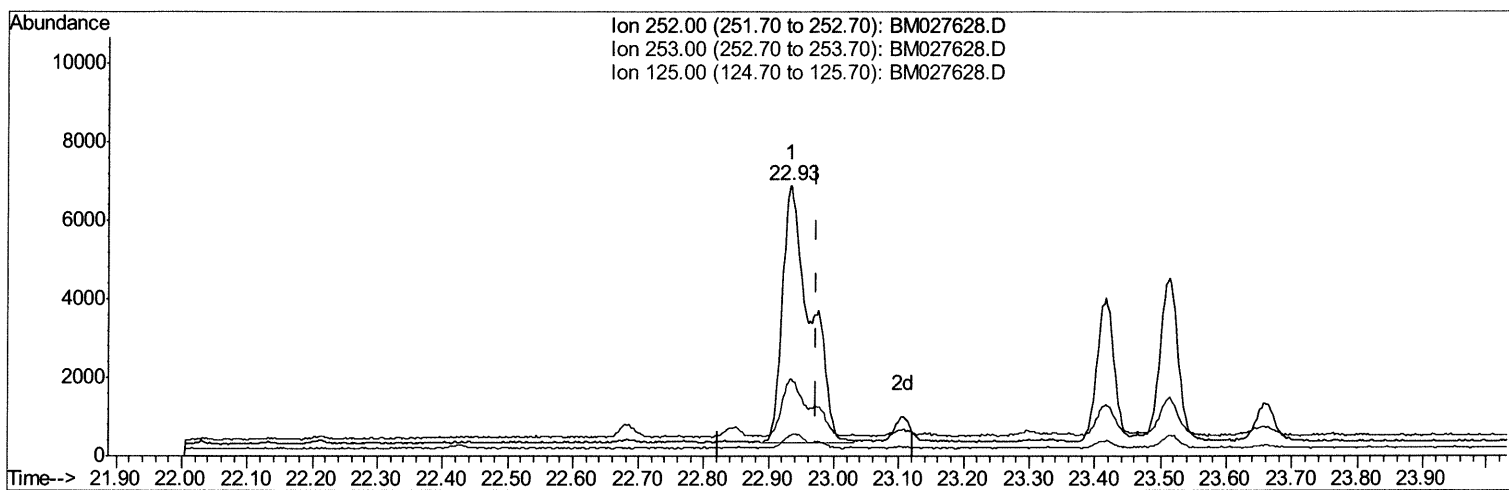
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\  
 Data File : BM027628.D  
 Acq On : 06 Oct 2020 09:04  
 Operator : JU/CG  
 Sample : L4184-17DL 5X  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AQ1DL

Manual Integrations  
 APPROVED

mohammad  
 10/6/2020 3:24:32 PM

Quant Time: Oct 06 10:09:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM092320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 05 10:43:07 2020  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene  
 22.934min (-0.039) 0.56ng/ul  
 response 19281  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.90 | 28.72# |
| 125.00 | 6.20  | 7.84#  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

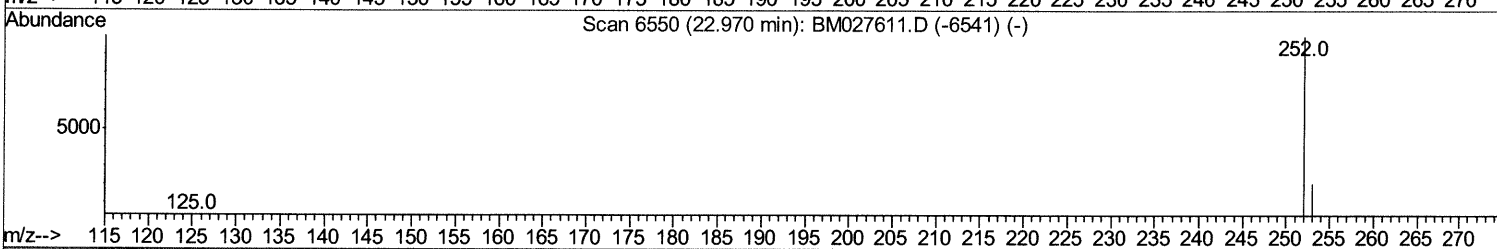
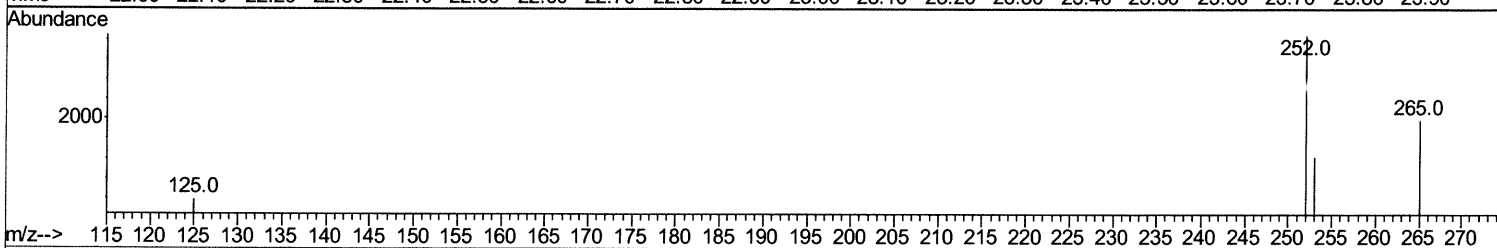
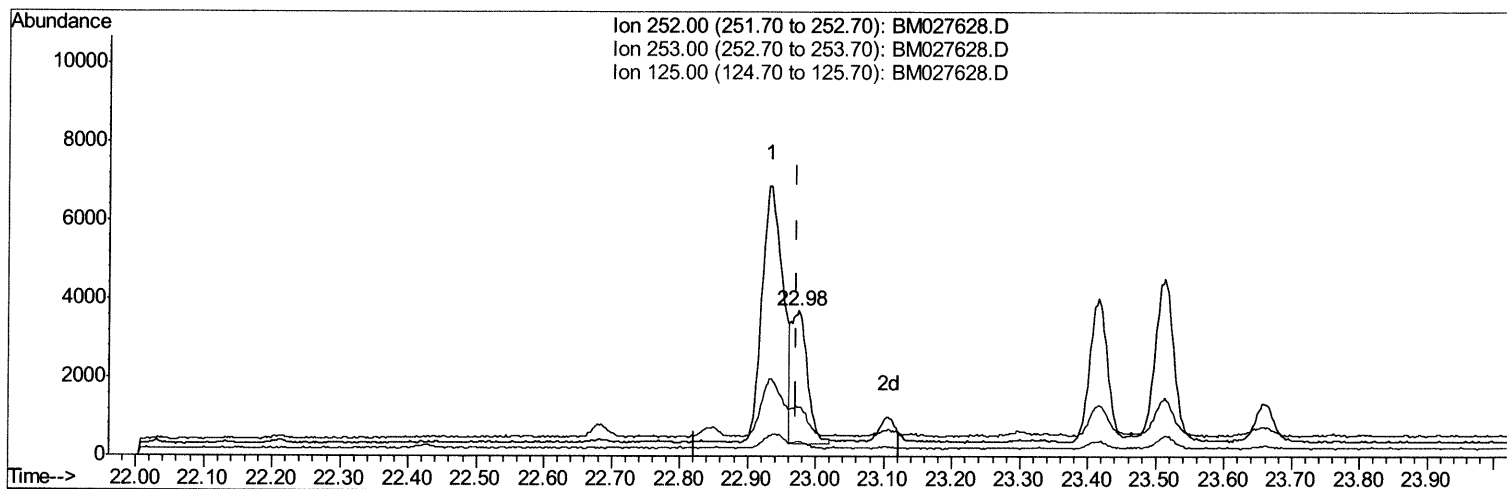
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\  
Data File : BM027628.D  
Acq On : 06 Oct 2020 09:04  
Operator : JU/CG  
Sample : L4184-17DL 5X  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AQ1DL

Manual Integrations  
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mohammad  
10/6/2020 3:24:32 PM

Quant Time: Oct 06 10:09:16 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM092320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 05 10:43:07 2020  
Response via : Initial Calibration



TIC: BM027628.D

(22) Benzo(k)fluoranthene

22.975min (+0.003) 0.16ng/ul m 10/07/20 JY

response 5509

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.90 | 33.68# |
| 125.00 | 6.20  | 10.14# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM100520\  
 Data File : BM027628.D  
 Acq On : 06 Oct 2020 09:04  
 Operator : JU/CG  
 Sample : L4184-17DL 5X  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AQ1DL

Manual Integrations  
 APPROVED

mohammad  
 10/6/2020 3:24:32 PM

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 1071     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.58 | 136  | 4220     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.42 | 164  | 2973     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.16 | 188  | 7494     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.35 | 240  | 7943     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.61 | 264  | 8292     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.17 | 152  | 213      | 0.03 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.19 | 212  | 712      | 0.03 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units   | Ovalue       |
|----------------------------|-------|------|----------|-------|---------|--------------|
| 12) Phenanthrene           | 17.21 | 178  | 3665     | 0.158 | ng/ul   | 97           |
| 13) Anthracene             | 17.30 | 178  | 588m >   | 0.026 | ng/ul > | 10/6/2020 JU |
| 15) Fluoranthene           | 19.22 | 202  | 14388    | 0.517 | ng/ul   | 98           |
| 17) Pyrene                 | 19.58 | 202  | 12344    | 0.341 | ng/ul   | 97           |
| 18) Benzo(a)anthracene     | 21.33 | 228  | 6601     | 0.212 | ng/ul   | 97           |
| 19) Chrysene               | 21.38 | 228  | 9611     | 0.298 | ng/ul   | 98           |
| 21) Benzo(b)fluoranthene   | 22.93 | 252  | 14024m 3 | 0.420 | ng/ul 3 | 10/6/2020 JU |
| 22) Benzo(k)fluoranthene   | 22.98 | 252  | 5509m 3  | 0.159 | ng/ul 3 |              |
| 23) Benzo(a)pyrene         | 23.51 | 252  | 7884     | 0.264 | ng/ul#  | 83           |
| 24) Indeno(1,2,3-cd)pyrene | 25.89 | 276  | 7228     | 0.188 | ng/ul#  | 95           |
| 25) Dibenzo(a,h)anthracene | 25.90 | 278  | 1765     | 0.056 | ng/ul#  | 51           |
| 26) Benzo(g,h,i)perylene   | 26.59 | 276  | 6334     | 0.195 | ng/ul   | 94           |

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