

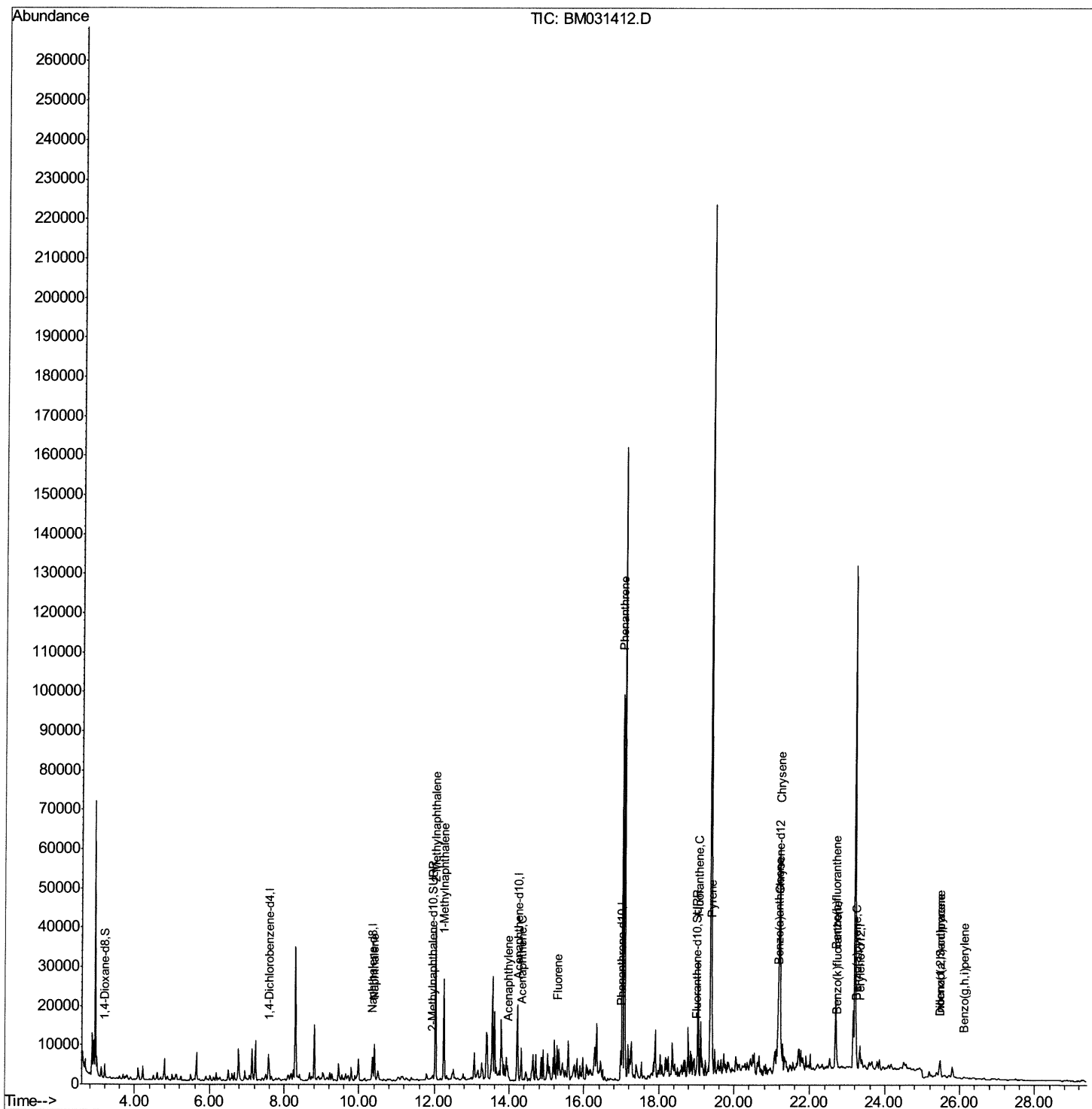
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\  
Data File : BM031412.D  
Acq On : 03 Aug 2021 15:25  
Operator : CG/JU  
Sample : M3123-16  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0077

Manual Integrations  
APPROVED

mohammad  
8/4/2021 3:47:44 PM

Quant Time: Aug 03 16:08:00 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 03 13:47:07 2021  
Response via : Initial Calibration



## Quantitation Report (Qedit)

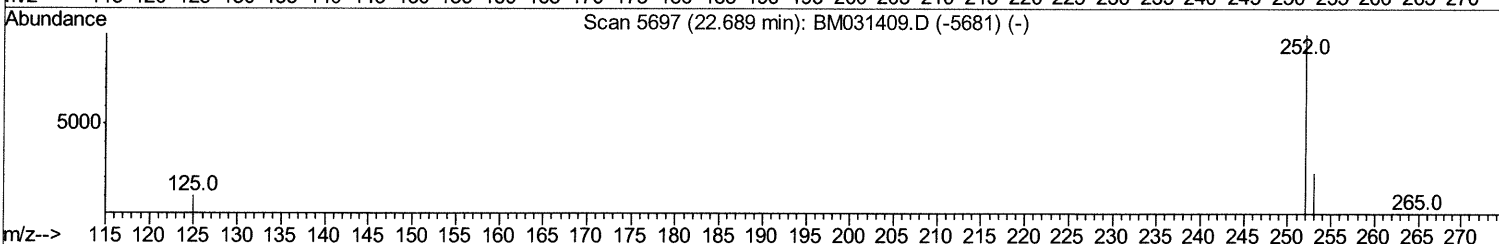
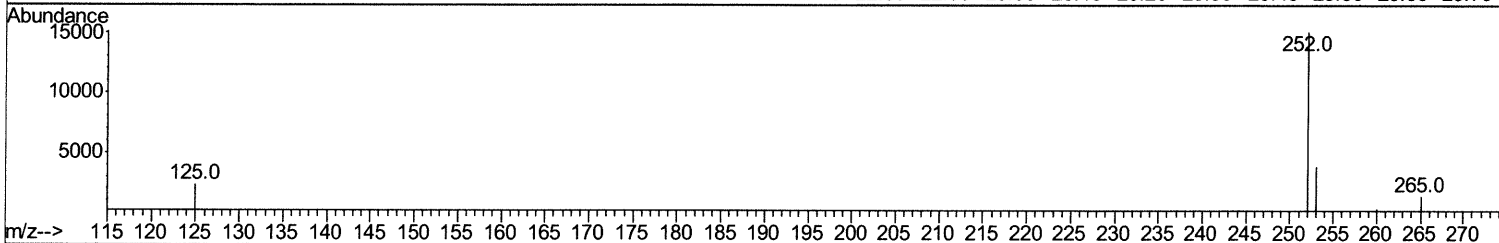
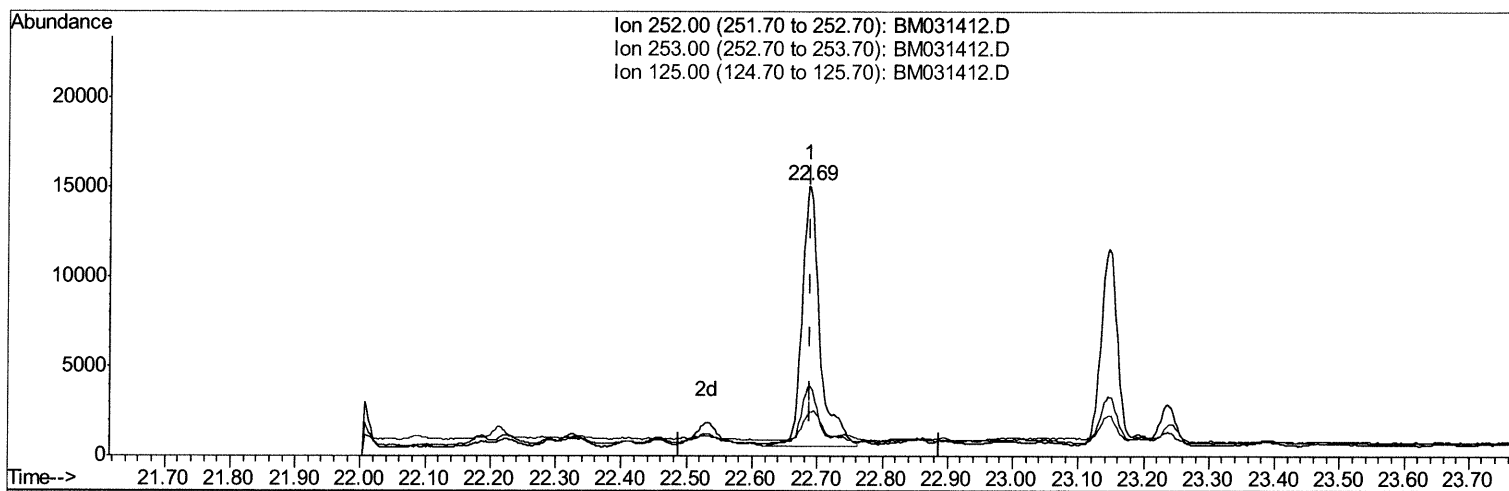
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Quant Time: Aug 03 16:05:05 2021  
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TIC: BM031412.D

(24) Benzo(b)fluoranthene

22.687min (-0.002) 0.86ng/ul

response 27852

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.50 | 25.90 |
| 125.00 | 11.40 | 15.44 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

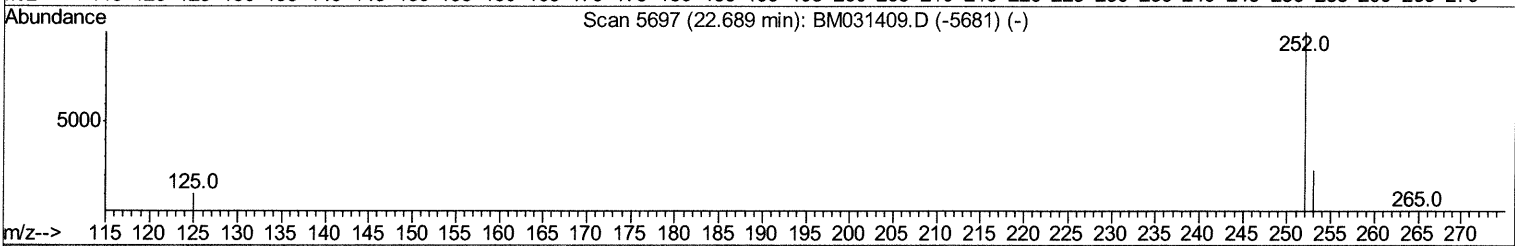
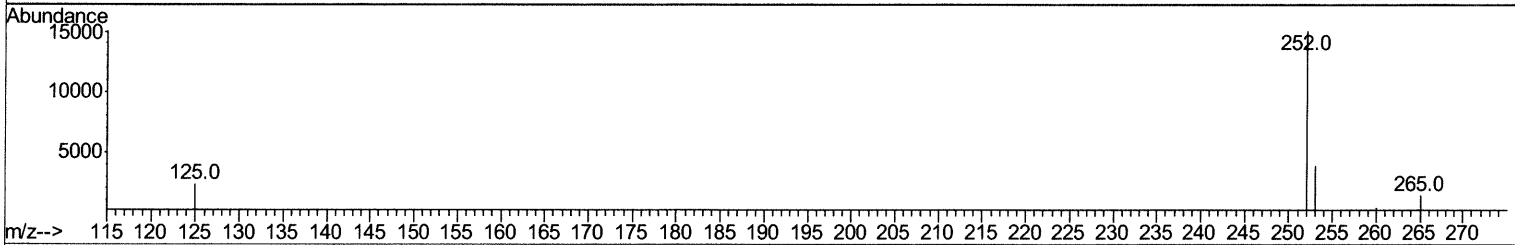
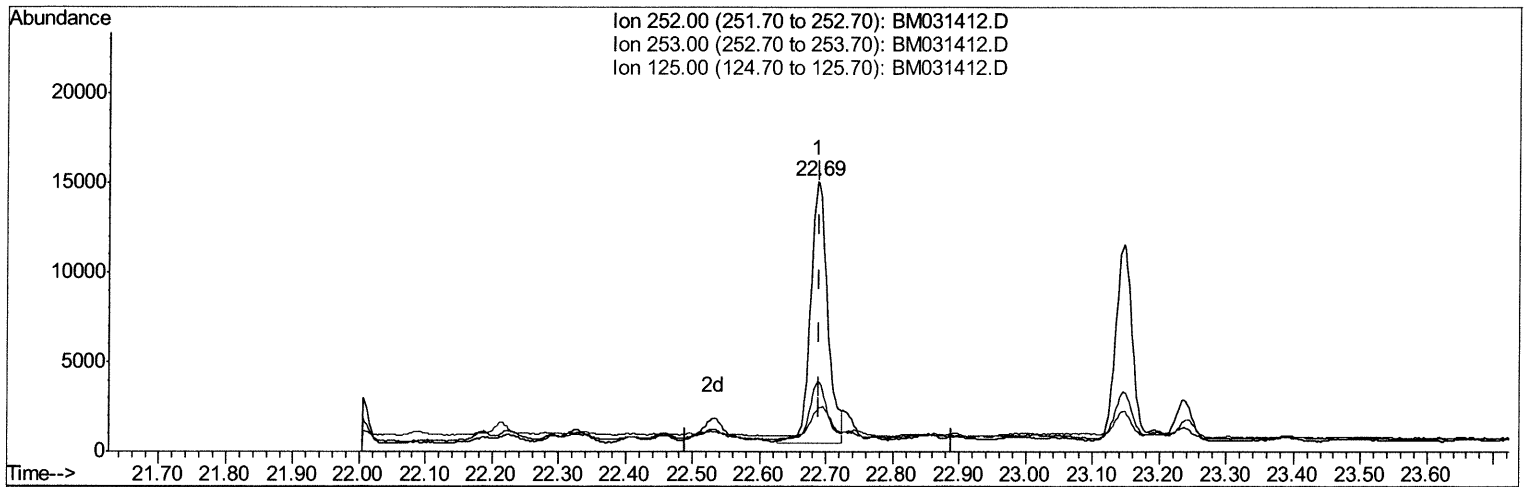
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\  
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Operator : CG/JU  
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TIC: BM031412.D

(24) Benzo(b)fluoranthene

22.687min (-0.002) 0.81ng/ul m

08/06/21 JU

response 25969

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.50 | 25.90 |
| 125.00 | 11.40 | 15.44 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

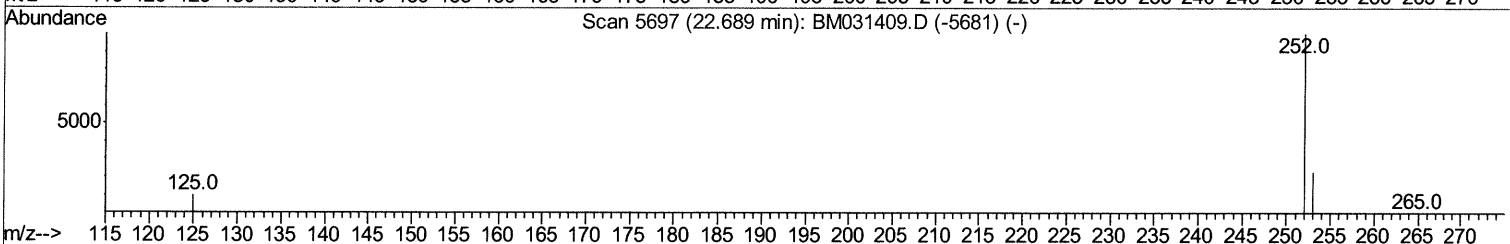
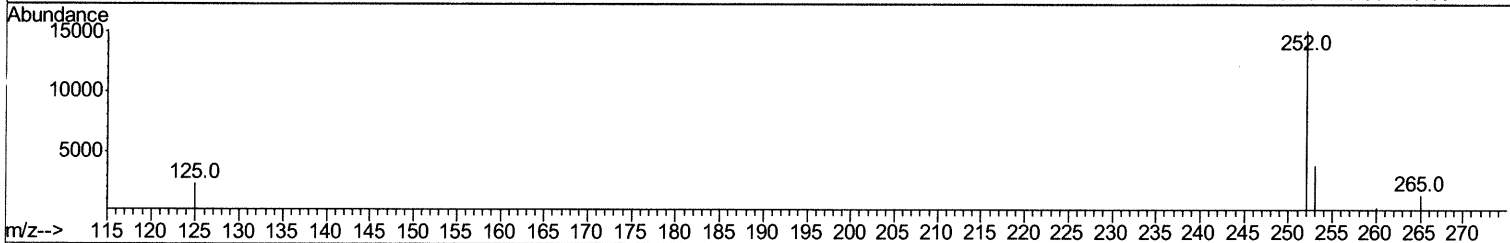
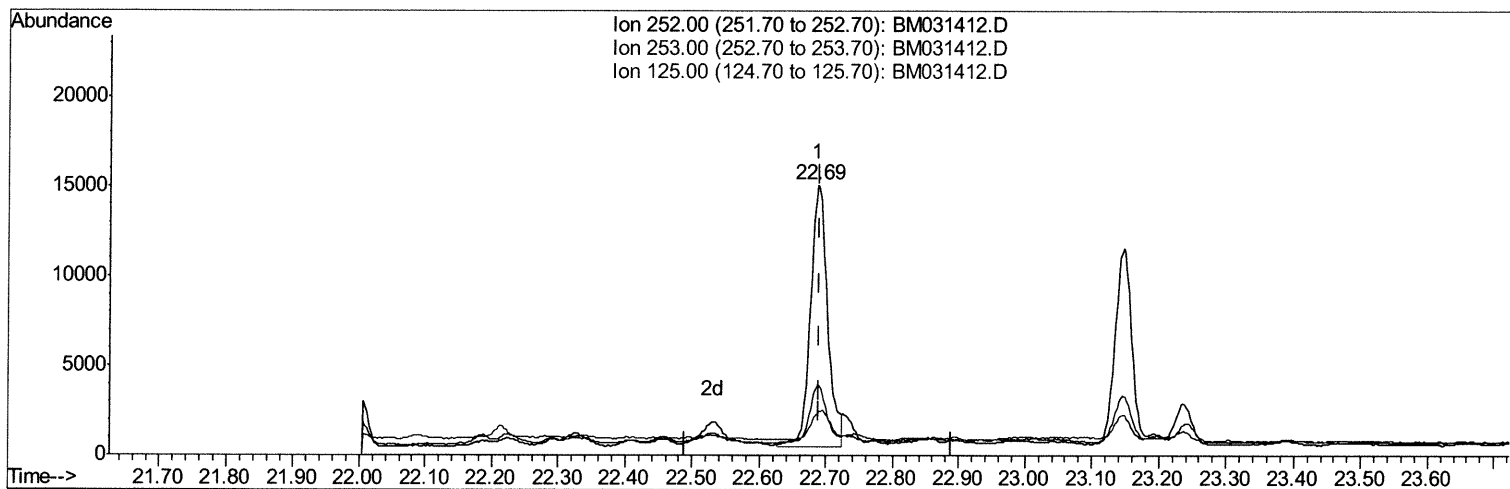
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\  
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Acq On : 03 Aug 2021 15:25  
Operator : CG/JU  
Sample : M3123-16  
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(24) Benzo(b)fluoranthene

22.687min (-0.002) 0.81ng/ul m 08/06/21 JU

response 25969

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.50 | 25.90 |
| 125.00 | 11.40 | 15.44 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

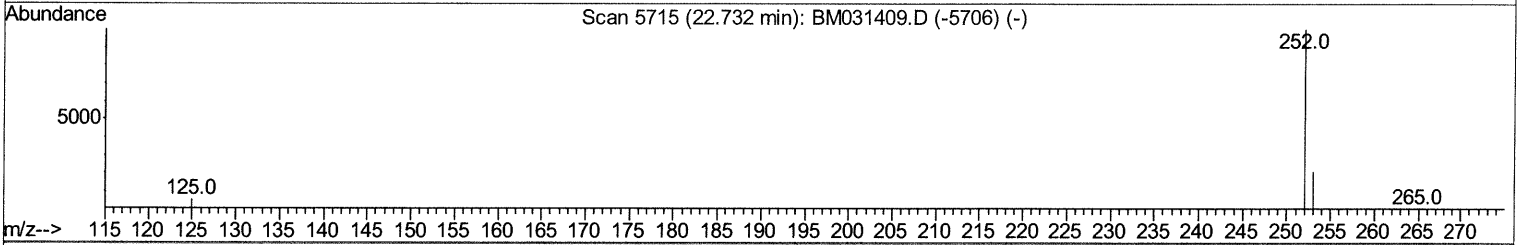
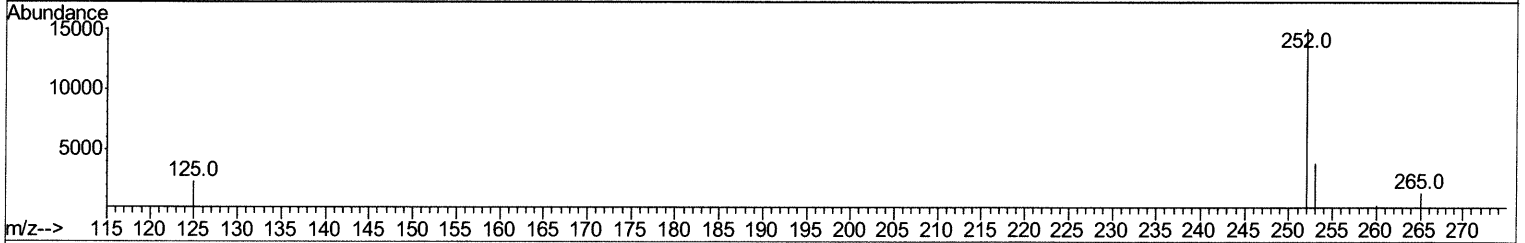
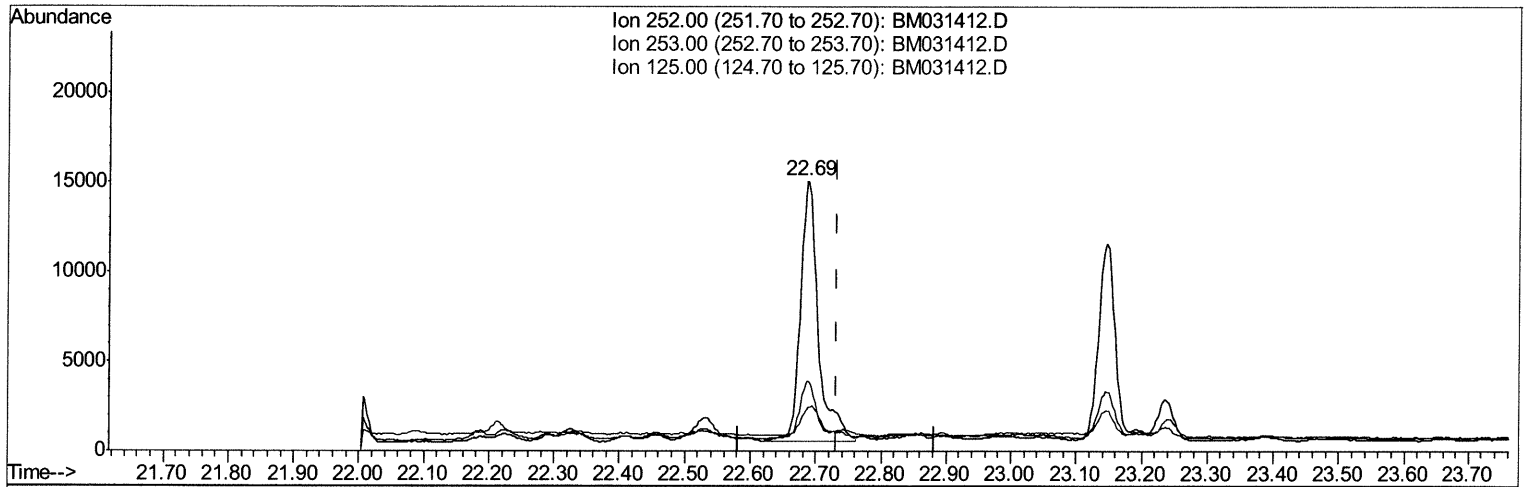
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\  
 Data File : BM031412.D  
 Acq On : 03 Aug 2021 15:25  
 Operator : CG/JU  
 Sample : M3123-16  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

**Instrument :**  
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**Manual Integrations**  
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TIC: BM031412.D

(25) Benzo(k)fluoranthene  
 22.687min (-0.046) 0.84ng/ul  
 response 27852

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 25.90  |
| 125.00 | 11.00 | 15.44# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

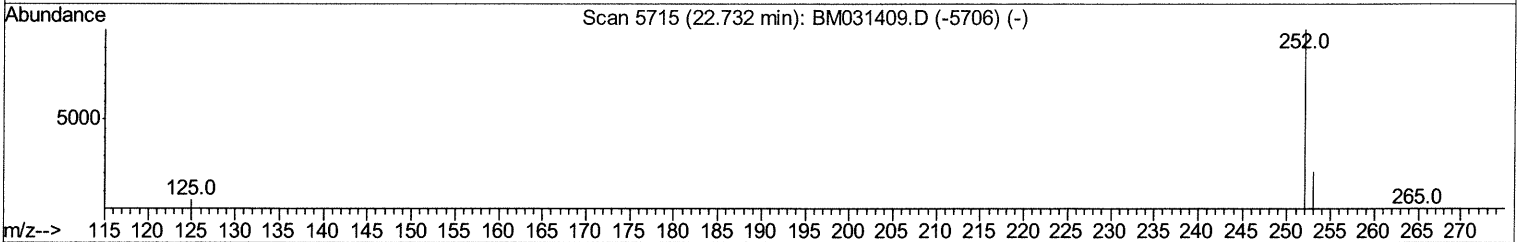
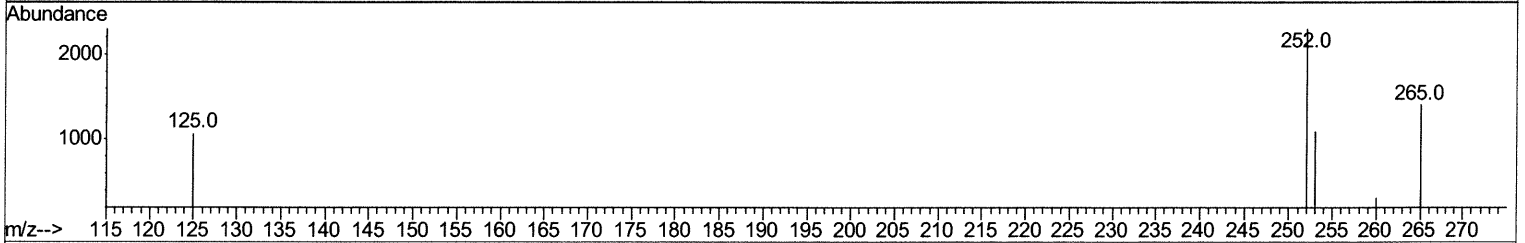
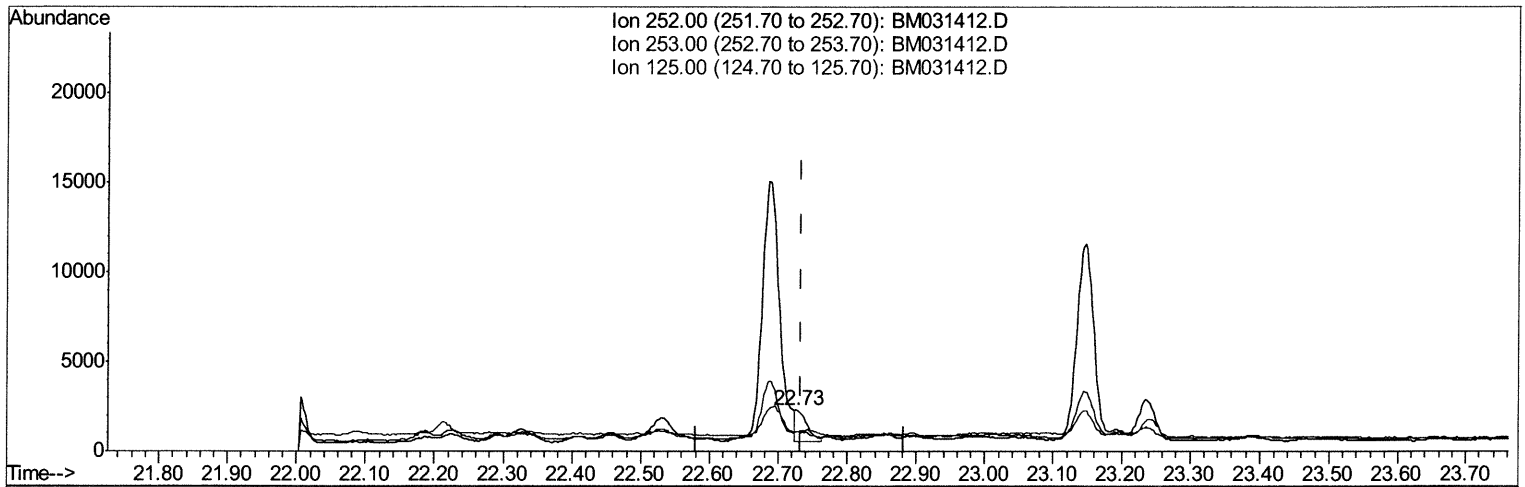
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\  
 Data File : BM031412.D  
 Acq On : 03 Aug 2021 15:25  
 Operator : CG/JU  
 Sample : M3123-16  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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Manual Integrations  
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 8/4/2021 3:47:44 PM

Quant Time: Aug 03 16:05:05 2021  
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TIC: BM031412.D

(25) Benzo(k)fluoranthene

22.725min (-0.007) 0.06ng/ul m 08/06/21 JU

response 2141

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 47.29# |
| 125.00 | 11.00 | 46.46# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

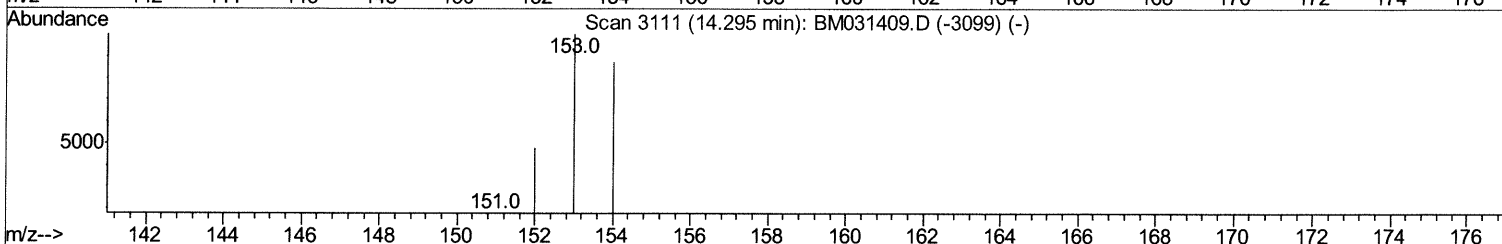
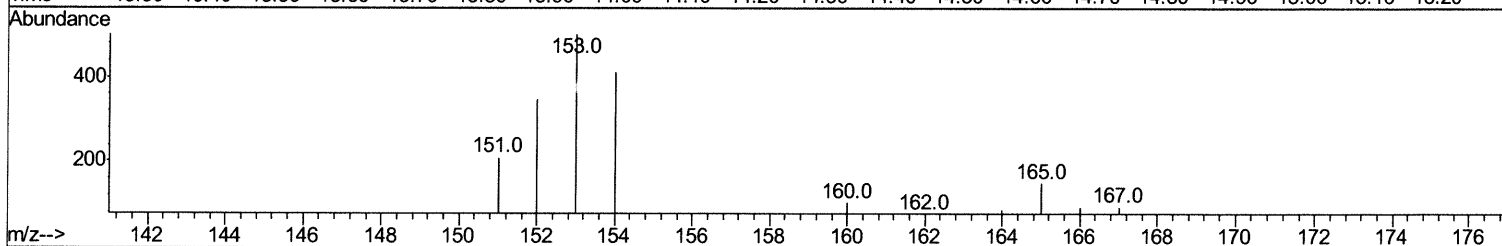
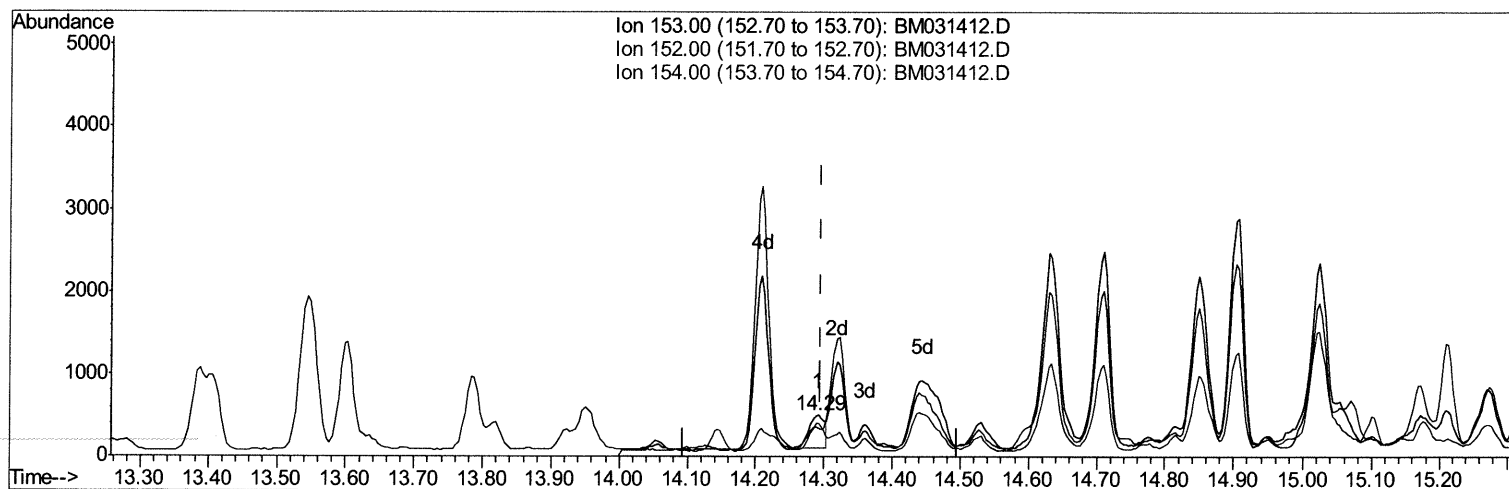
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\  
Data File : BM031412.D  
Acq On : 03 Aug 2021 15:25  
Operator : CG/JU  
Sample : M3123-16  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Manual Integrations  
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Quant Time: Aug 03 16:05:05 2021  
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TIC: BM031412.D

(11) Acenaphthene (C)

14.292min (-0.003) 0.04ng/ul

response 653

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 153.00 | 100   | 100    |
| 152.00 | 50.90 | 69.06# |
| 154.00 | 87.70 | 81.84  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

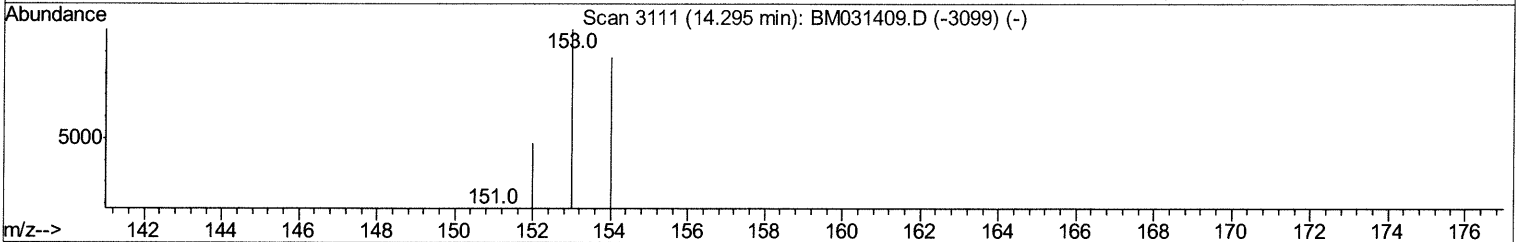
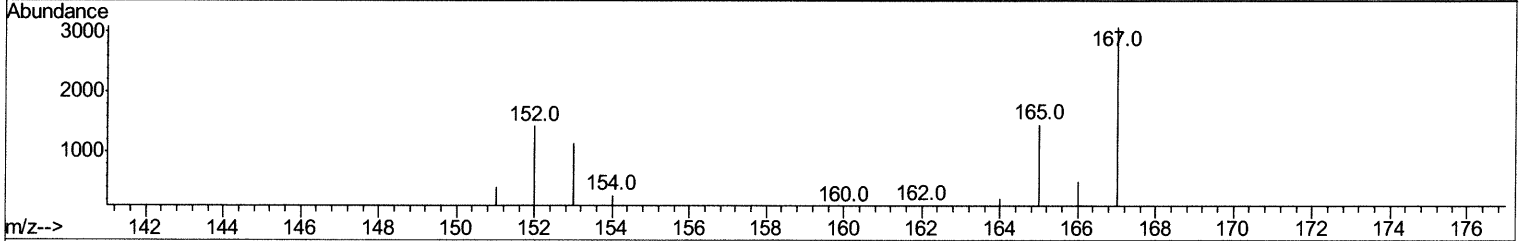
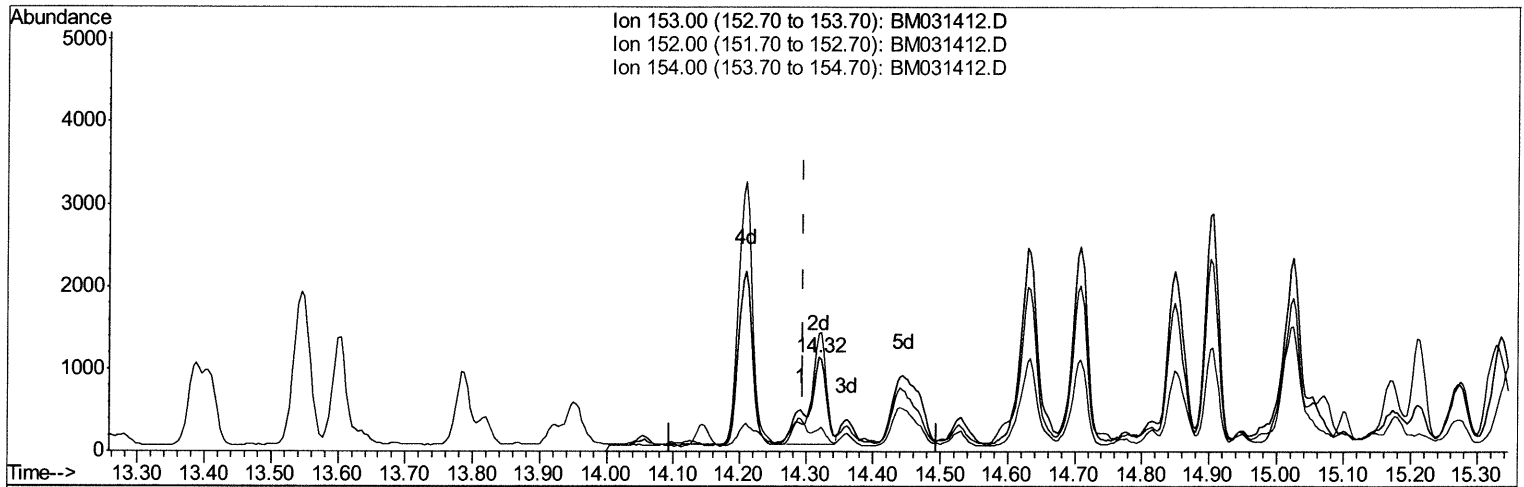
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\  
 Data File : BM031412.D  
 Acq On : 03 Aug 2021 15:25  
 Operator : CG/JU  
 Sample : M3123-16  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0077

Manual Integrations  
 APPROVED

mohammad  
 8/4/2021 3:47:44 PM

Quant Time: Aug 03 16:05:05 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M  
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TIC: BM031412.D

(11) Acenaphthene (C)

14.318min (+0.023) 0.12ng/ul m 08/06/21 JU

response 2094

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 153.00 | 100   | 100     |
| 152.00 | 50.90 | 124.72# |
| 154.00 | 87.70 | 23.67#  |
| 0.00   | 0.00  | 0.00    |



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\  
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 Operator : CG/JU  
 Sample : M3123-16  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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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 | 7.60  | 152  | 1720     | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 10.36 | 136  | 6674     | 0.40 | ng/ul | 0.00     |
| 9) Acenaphthene-d10       | 14.23 | 164  | 4754     | 0.40 | ng/ul | 0.00     |
| 13) Phenanthrene-d10      | 16.98 | 188  | 8881     | 0.40 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.17 | 240  | 7167     | 0.40 | ng/ul | 0.00     |
| 23) Perylene-d12          | 23.33 | 264  | 7150     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 3) 1,4-Dioxane-d8           | 3.20  | 96   | 2162     | 1.13 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.95 | 152  | 1414     | 0.13 | ng/ul | 0.00     |
| 18) Fluoranthene-d10        | 19.01 | 212  | 3374     | 0.14 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue      |
|----------------------------|-------|------|----------|-------|--------|-------------|
| 5) Naphthalene             | 10.41 | 128  | 12366    | 0.622 | ng/ul  | 99          |
| 7) 2-Methylnaphthalene     | 12.02 | 142  | 26262    | 1.934 | ng/ul  | 100         |
| 8) 1-Methylnaphthalene     | 12.25 | 142  | 17120    | 1.276 | ng/ul  | 100         |
| 10) Acenaphthylene         | 13.95 | 152  | 938      | 0.046 | ng/ul# | 54          |
| 11) Acenaphthene           | 14.32 | 153  | 2094m>   | 0.123 | ng/ul> | 08/06/21 JU |
| 12) Fluorene               | 15.28 | 166  | 3294     | 0.168 | ng/ul# | 60          |
| 15) Phenanthrene           | 17.02 | 178  | 99723    | 3.536 | ng/ul  | 98          |
| 19) Fluoranthene           | 19.04 | 202  | 26699    | 0.872 | ng/ul# | 92          |
| 20) Pyrene                 | 19.40 | 202  | 21632    | 0.697 | ng/ul# | 91          |
| 21) Benzo(a)anthracene     | 21.15 | 228  | 7789     | 0.269 | ng/ul# | 43          |
| 22) Chrysene               | 21.20 | 228  | 71022    | 2.372 | ng/ul# | 94          |
| 24) Benzo(b)fluoranthene   | 22.69 | 252  | 25969m>  | 0.806 | ng/ul> | 08/06/21 JU |
| 25) Benzo(k)fluoranthene   | 22.73 | 252  | 2141m    | 0.064 | ng/ul  |             |
| 26) Benzo(a)pyrene         | 23.24 | 252  | 4032     | 0.143 | ng/ul# | 40          |
| 27) Indeno(1,2,3-cd)pyrene | 25.47 | 276  | 4159     | 0.114 | ng/ul# | 80          |
| 28) Dibenzo(a,h)anthracene | 25.48 | 278  | 4524     | 0.154 | ng/ul# | 38          |
| 29) Benzo(a,h,i)perylene   | 26.12 | 276  | 848      | 0.027 | ng/ul# | 24          |

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