

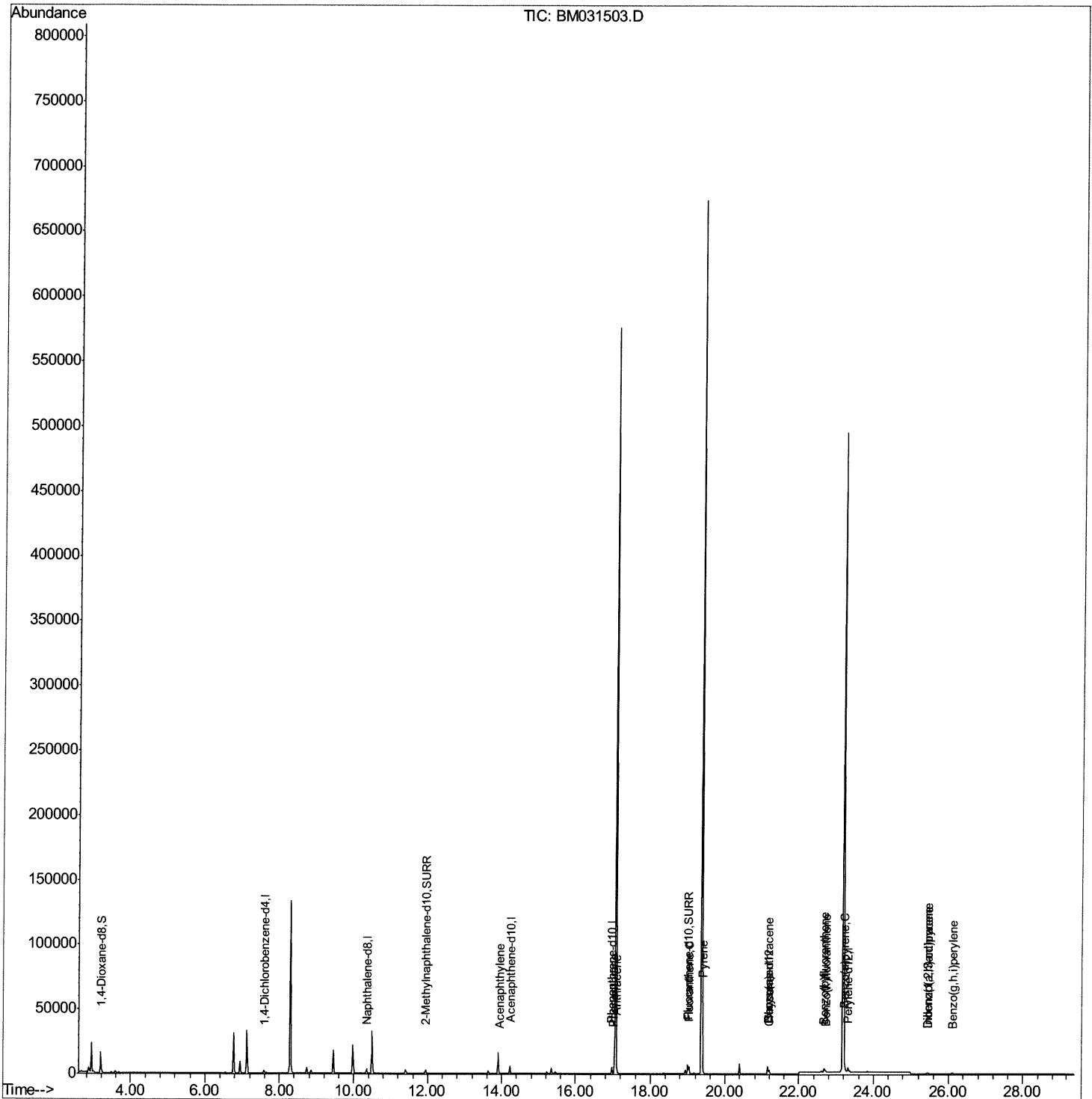
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
Data File : BM031503.D  
Acq On : 06 Aug 2021 04:44  
Operator : CG/JU  
Sample : M3162-02  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGET1

Manual Integrations  
APPROVED

mohammad  
8/6/2021 2:49:35 PM

Quant Time: Aug 06 06:58:24 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 : Fri Aug 06 01:41:10 2021  
Response via : Initial Calibration



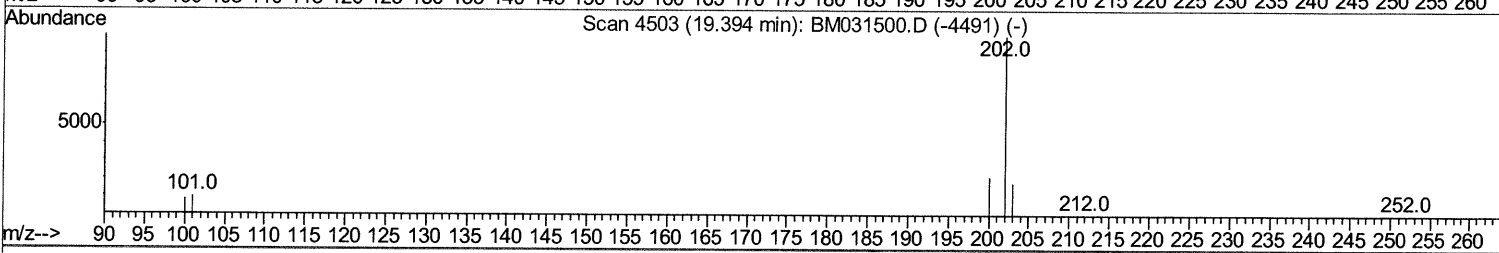
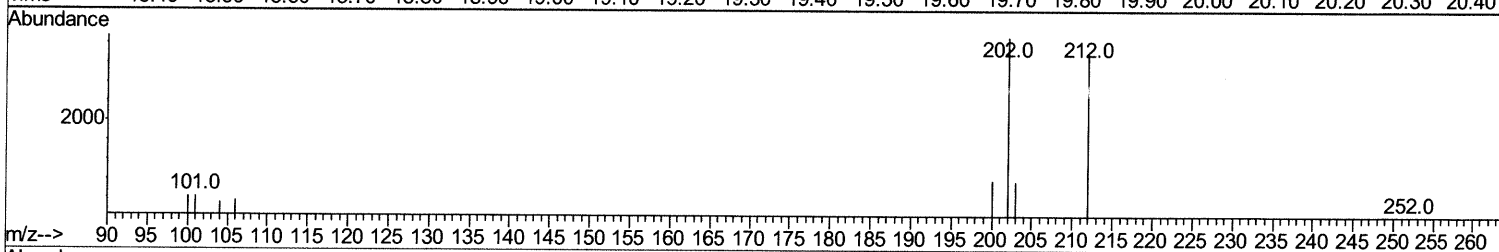
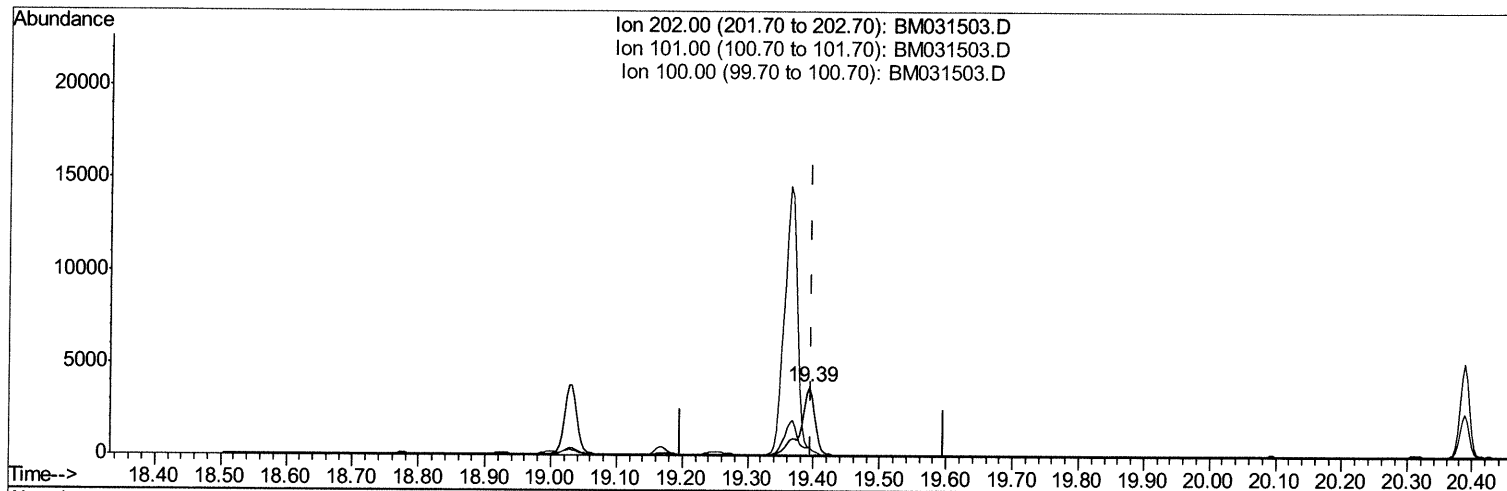
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Manual Integrations  
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Quant Time: Aug 06 06:45:35 2021  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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TIC: BM031503.D

(20) Pyrene

19.394min (-0.004) 0.31ng/ul

response 5757

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 202.00 | 100  | 100    |
| 101.00 | 9.70 | 11.76# |
| 100.00 | 8.30 | 11.74# |
| 0.00   | 0.00 | 0.00   |

# Quantitation Report (Qedit)

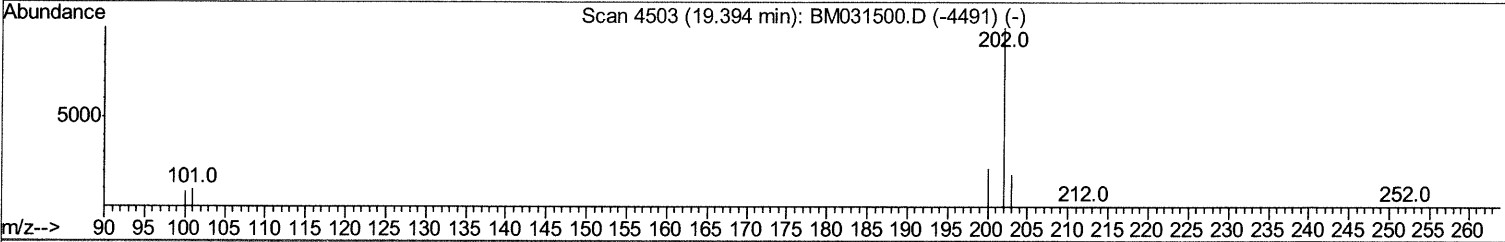
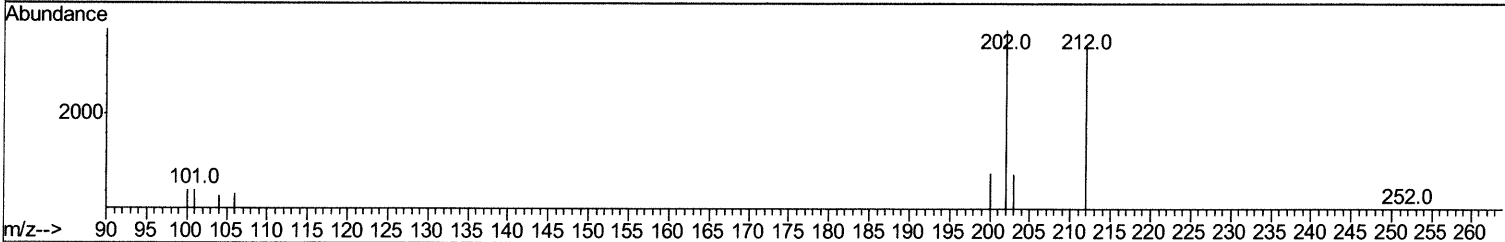
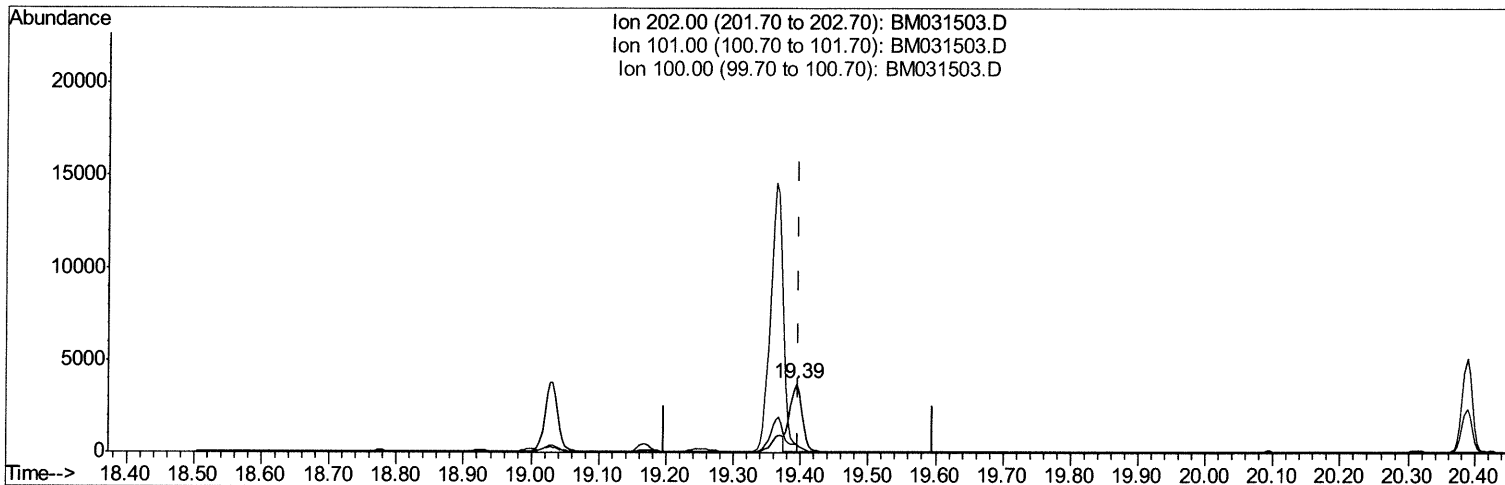
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
 Data File : BM031503.D  
 Acq On : 06 Aug 2021 04:44  
 Operator : CG/JU  
 Sample : M3162-02  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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mohammad  
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 QLast Update : Fri Aug 06 01:41:10 2021  
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TIC: BM031503.D

(20) Pyrene

19.394min (-0.004) 0.25ng/ul m 08/09/21ju

response 4673

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 202.00 | 100  | 100    |
| 101.00 | 9.70 | 11.76# |
| 100.00 | 8.30 | 11.74# |
| 0.00   | 0.00 | 0.00   |

# Quantitation Report (Qedit)

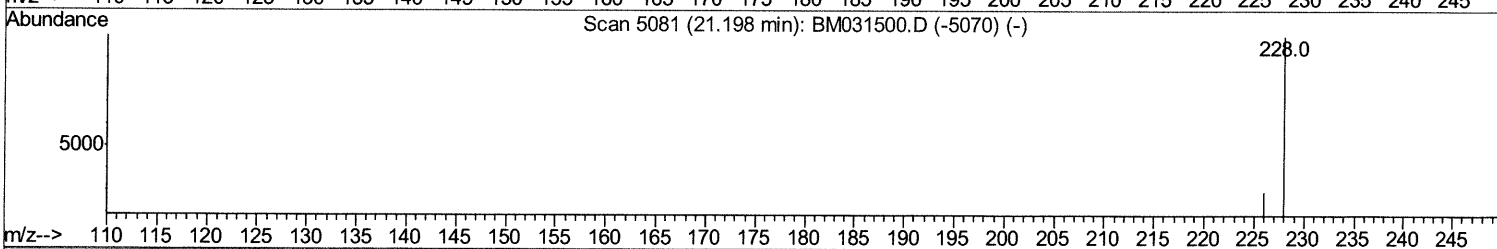
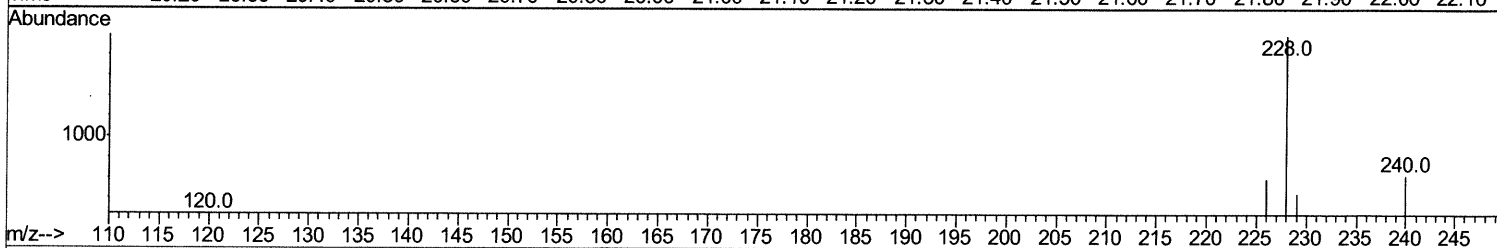
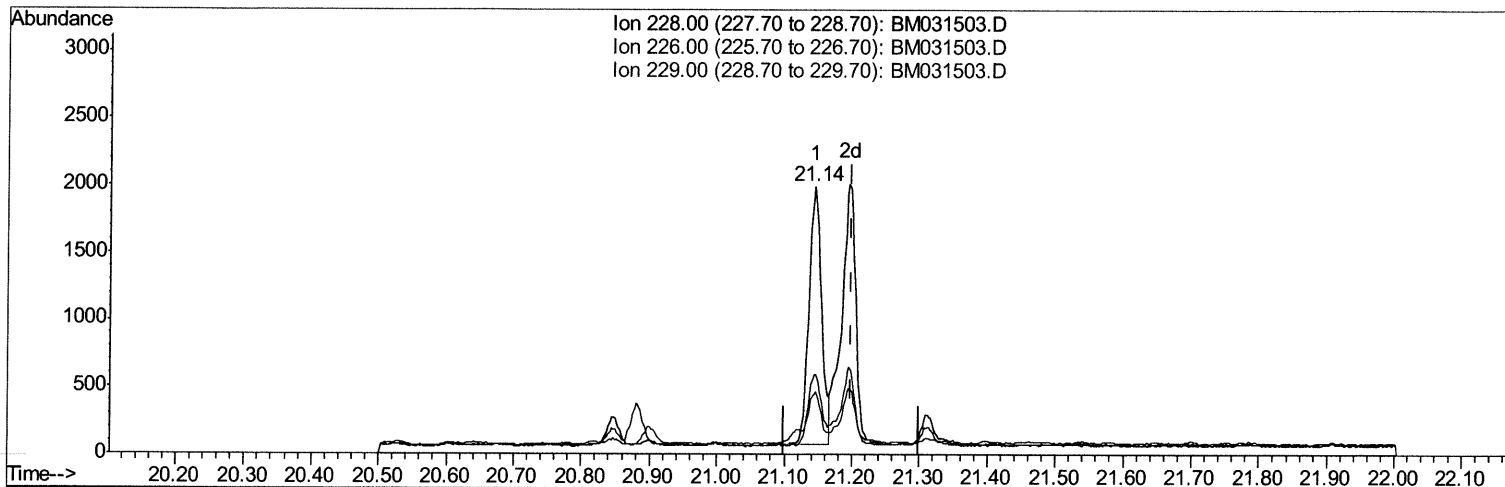
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
 Data File : BM031503.D  
 Acq On : 06 Aug 2021 04:44  
 Operator : CG/JU  
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TIC: BM031503.D

(22) Chrysene

21.144min (-0.056) 0.14ng/ul

response 2508

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 30.90 | 29.75 |
| 229.00 | 20.20 | 22.53 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

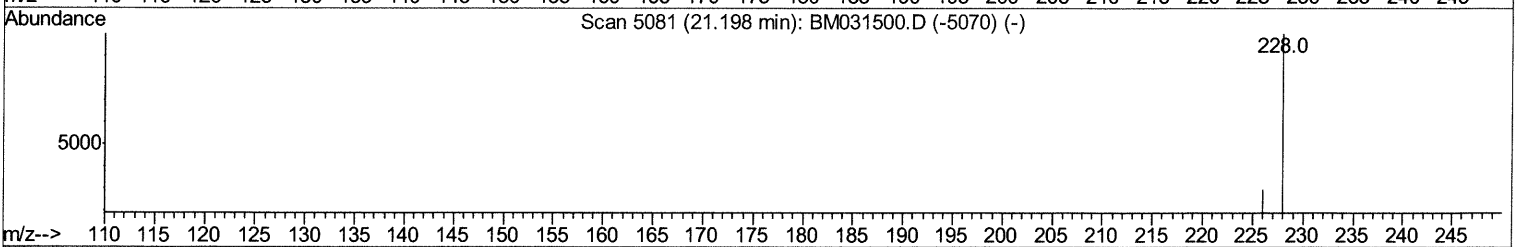
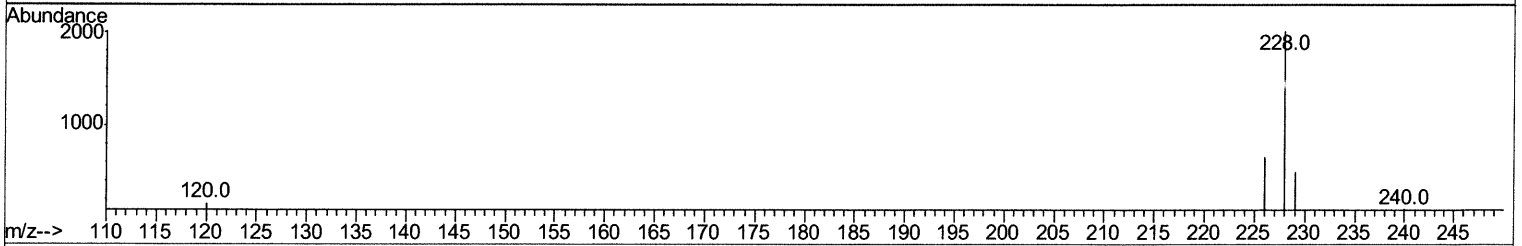
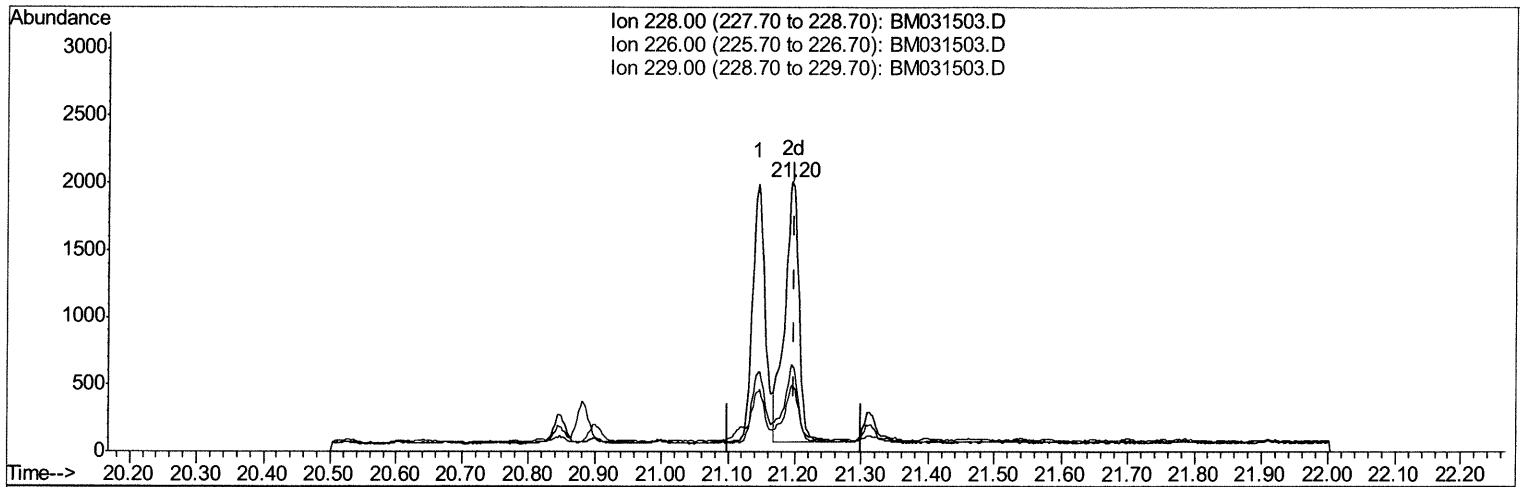
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
Data File : BM031503.D  
Acq On : 06 Aug 2021 04:44  
Operator : CG/JU  
Sample : M3162-02  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Manual Integrations  
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mohammad  
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Quant Time: Aug 06 06:54:35 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M  
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TIC: BM031503.D

(22) Chrysene

21.195min (-0.005) 0.16ng/ul m

08/09/21JU

response 2918

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 30.90 | 32.25  |
| 229.00 | 20.20 | 24.39# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

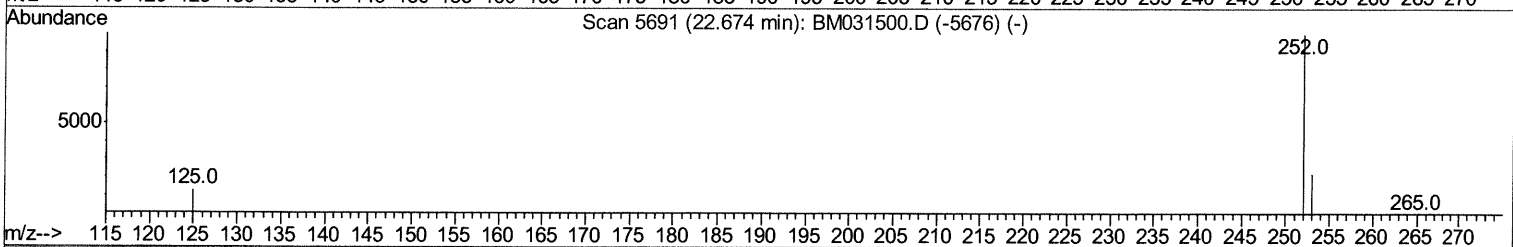
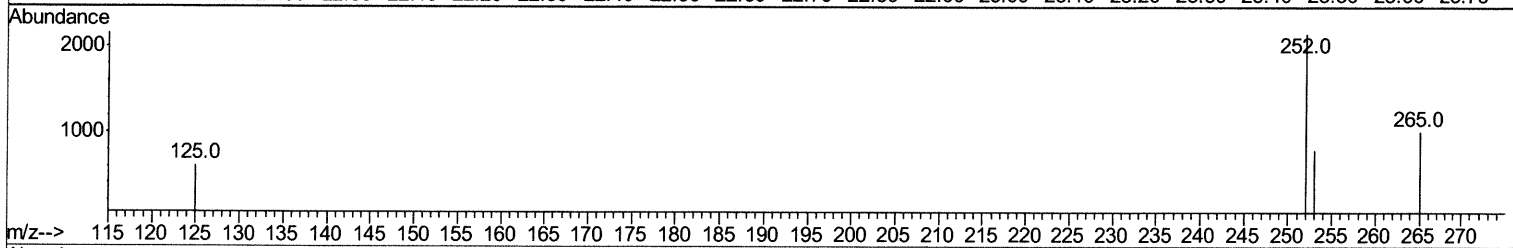
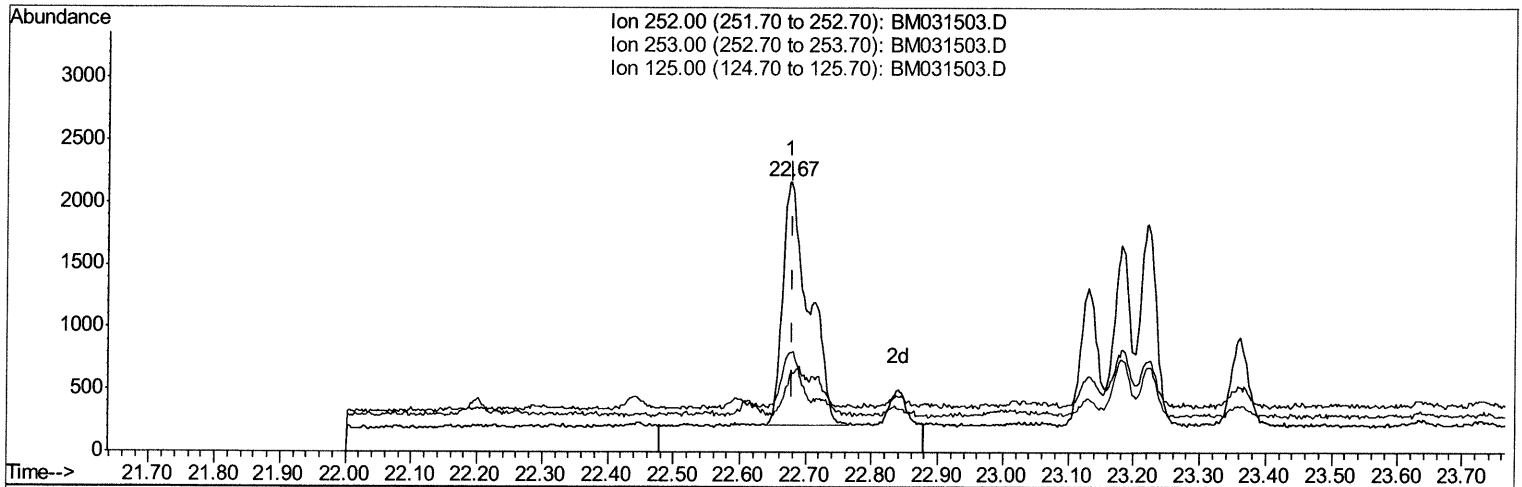
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
 Data File : BM031503.D  
 Acq On : 06 Aug 2021 04:44  
 Operator : CG/JU  
 Sample : M3162-02  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGET1

Manual Integrations  
 APPROVED

mohammad  
 8/6/2021 2:49:35 PM

Quant Time: Aug 06 06:56:09 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 : Fri Aug 06 01:41:10 2021  
 Response via : Initial Calibration



TIC: BM031503.D

(24) Benzo(b)fluoranthene  
 22.675min (-0.005) 0.26ng/ul  
 response 5414  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.50 | 36.83  |
| 125.00 | 11.40 | 28.23# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

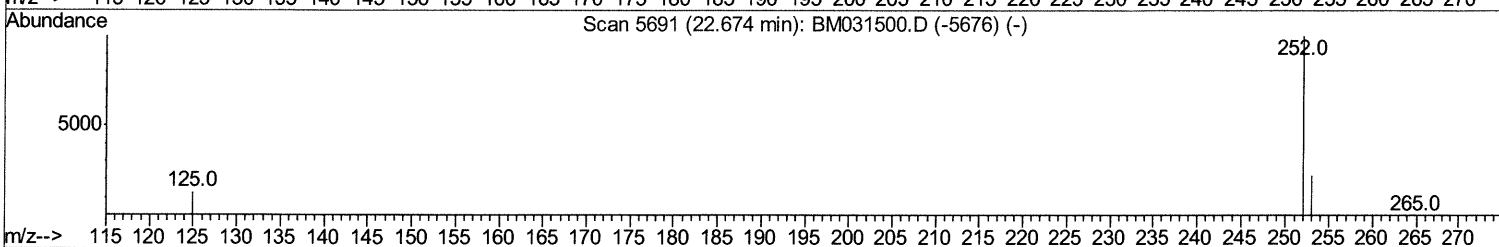
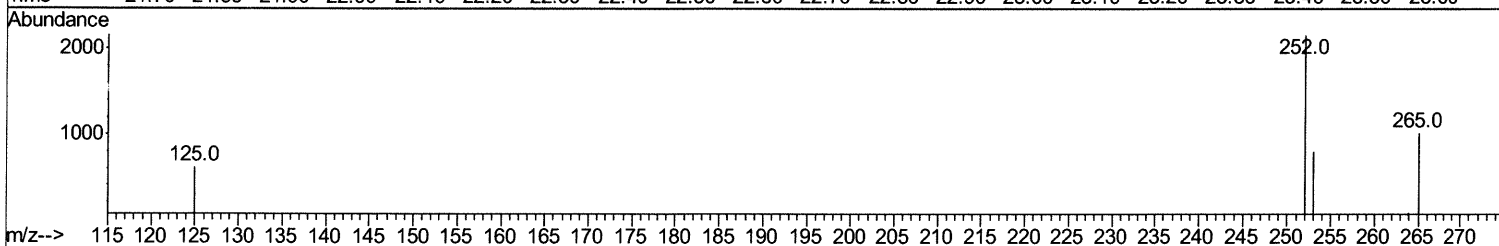
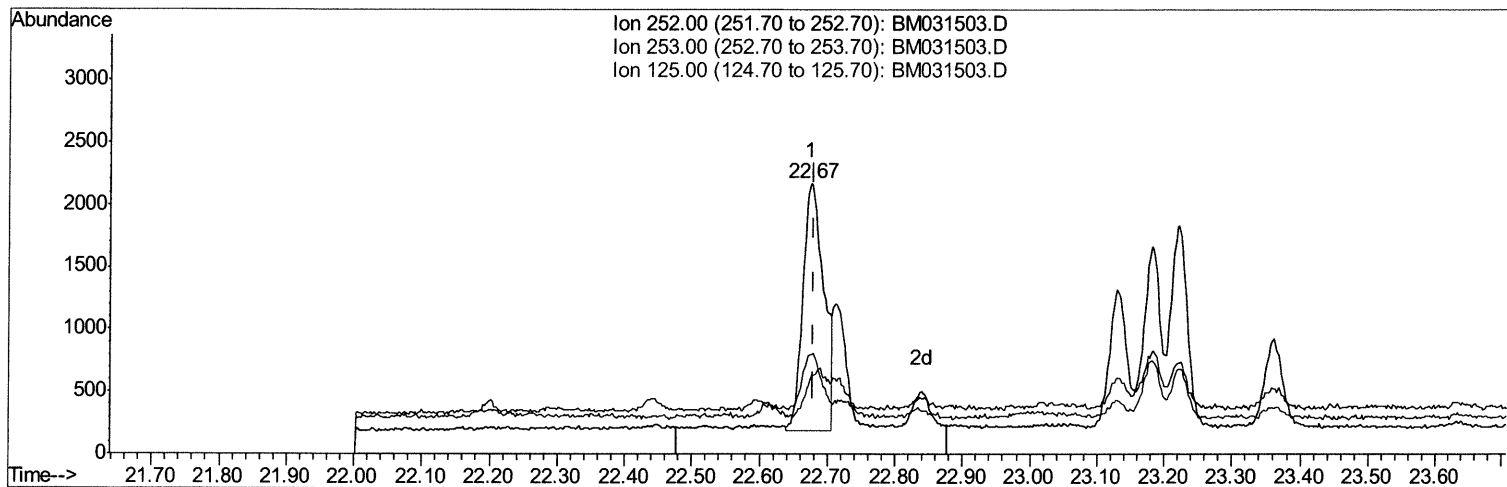
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
Data File : BM031503.D  
Acq On : 06 Aug 2021 04:44  
Operator : CG/JU  
Sample : M3162-02  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGET1

Manual Integrations  
APPROVED

mohammad  
8/6/2021 2:49:35 PM

Quant Time: Aug 06 06:56:09 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 : Fri Aug 06 01:41:10 2021  
Response via : Initial Calibration



TIC: BM031503.D

(24) Benzo(b)fluoranthene

22.675min (-0.005) 0.20ng/ul m 08/09/21 JU

response 4222

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.50 | 36.83  |
| 125.00 | 11.40 | 28.23# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

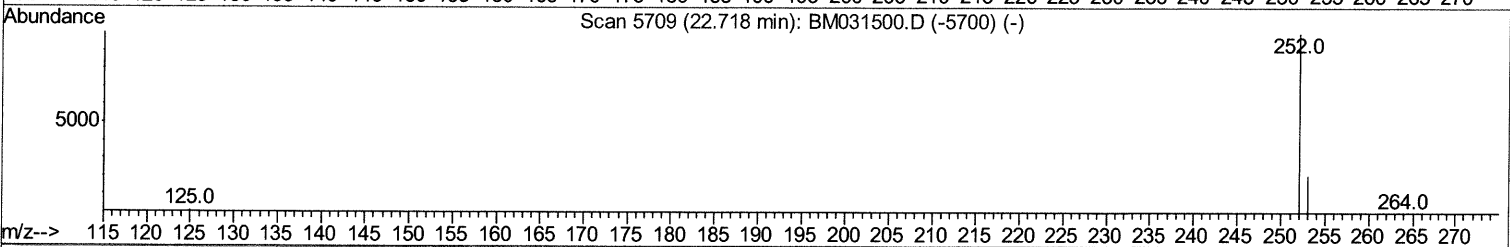
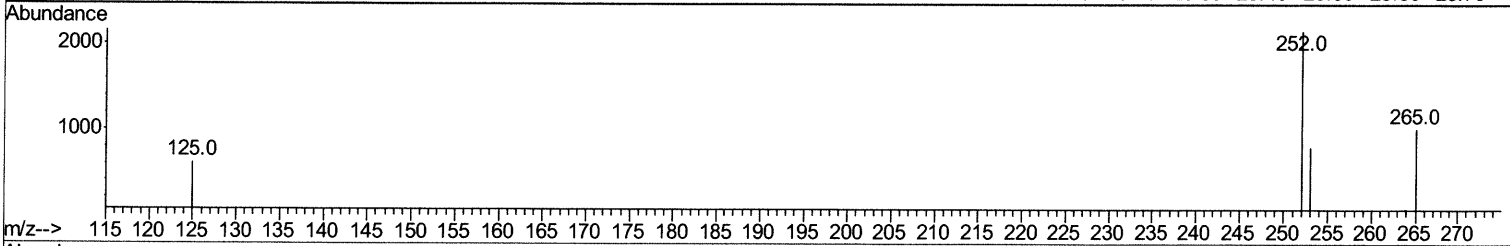
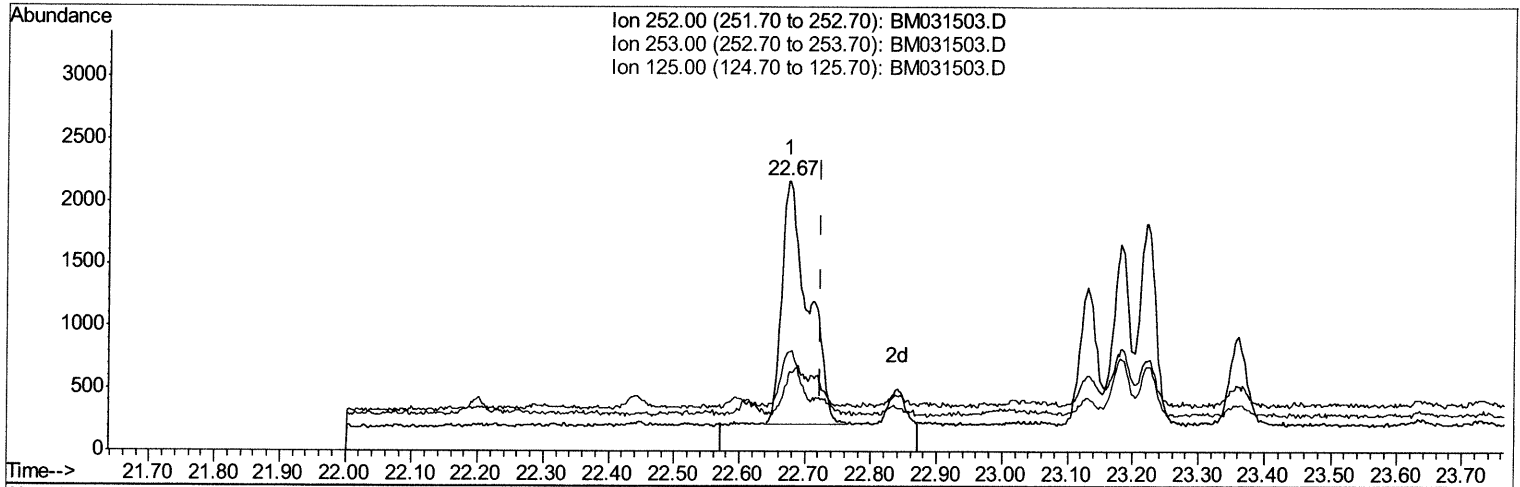
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
 Data File : BM031503.D  
 Acq On : 06 Aug 2021 04:44  
 Operator : CG/JU  
 Sample : M3162-02  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGET1

Manual Integrations  
 APPROVED

mohammad  
 8/6/2021 2:49:35 PM

Quant Time: Aug 06 06:56:53 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration



TIC: BM031503.D

(25) Benzo(k)fluoranthene  
 22.675min (-0.048) 0.25ng/ul  
 response 5414  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 36.83# |
| 125.00 | 11.00 | 28.23# |
| 0.00   | 0.00  | 0.00   |



## Quantitation Report (Qedit)

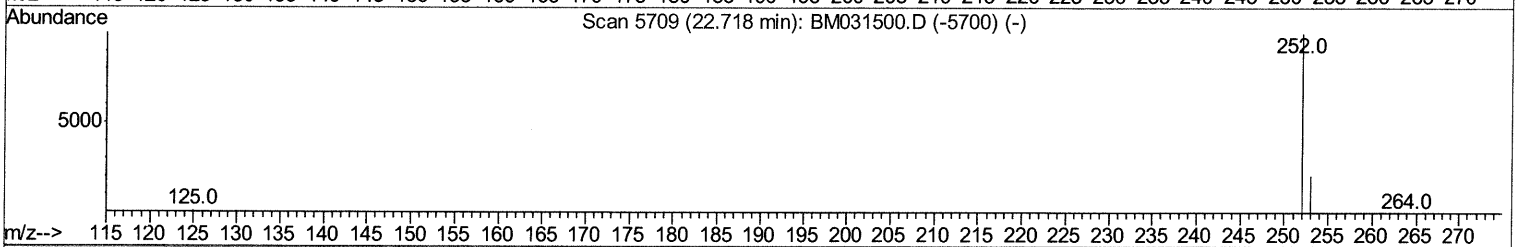
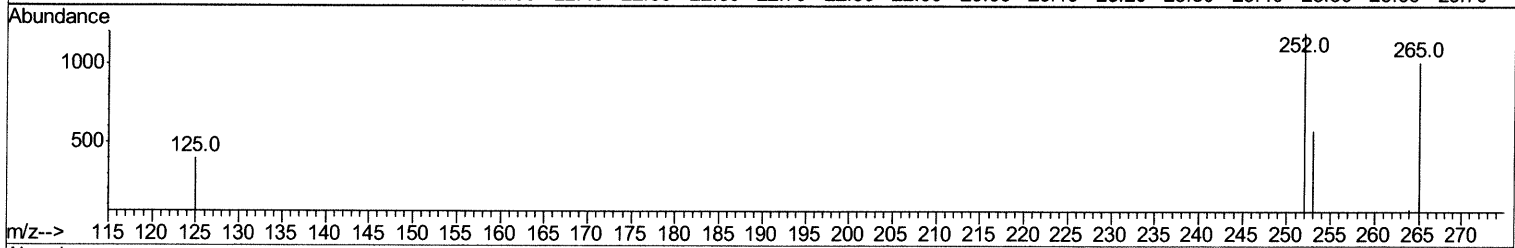
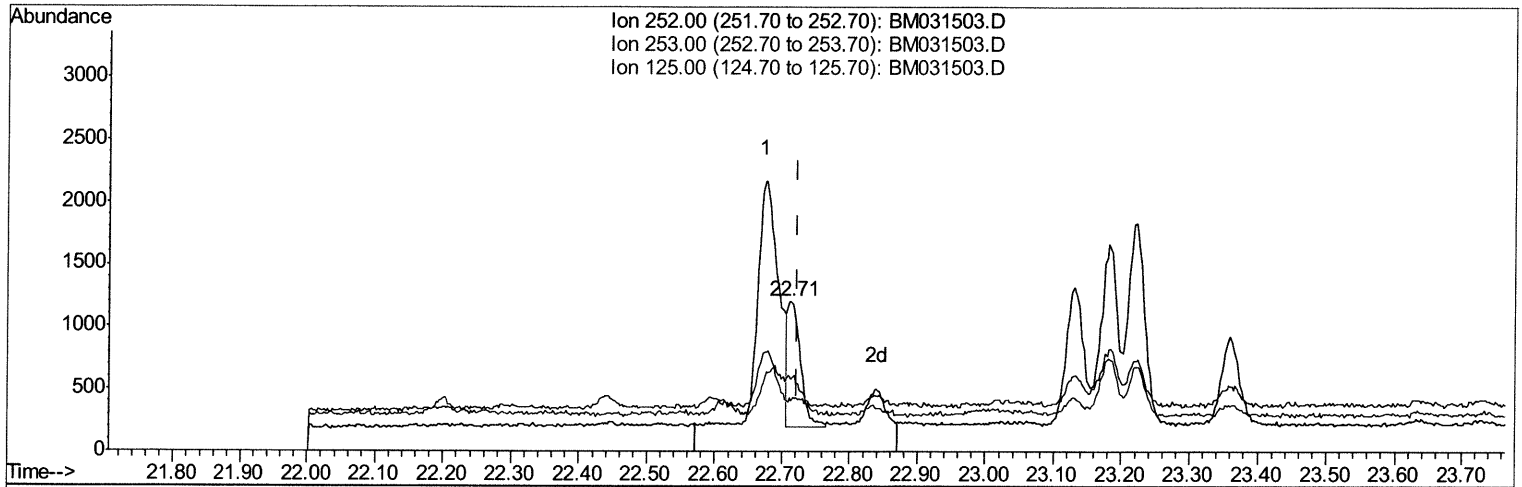
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
Data File : BM031503.D  
Acq On : 06 Aug 2021 04:44  
Operator : CG/JU  
Sample : M3162-02  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Manual Integrations  
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8/6/2021 2:49:35 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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TIC: BM031503.D

(25) Benzo(k)fluoranthene

22.713min (-0.010) 0.06ng/ul m

08/09/21JU

response 1359

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 47.92# |
| 125.00 | 11.00 | 33.28# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\  
 Data File : BM031503.D  
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 Operator : CG/JU  
 Sample : M3162-02  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 1183     | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 10.35 | 136  | 4597     | 0.40 | ng/ul | 0.00     |
| 9) Acenaphthene-d10       | 14.22 | 164  | 3064     | 0.40 | ng/ul | 0.00     |
| 13) Phenanthrene-d10      | 16.97 | 188  | 5720     | 0.40 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.16 | 240  | 4344     | 0.40 | ng/ul | 0.00     |
| 23) Perylene-d12          | 23.31 | 264  | 4575     | 0.40 | ng/ul | 0.00     |

## System Monitoring Compounds

|                            |       |     |      |      |       |      |
|----------------------------|-------|-----|------|------|-------|------|
| 3) 1,4-Dioxane-d8          | 3.19  | 96  | 9491 | 7.22 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.94 | 152 | 3944 | 0.51 | ng/ul | 0.00 |
| 18) Fluoranthene-d10       | 19.00 | 212 | 7983 | 0.55 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |       |       | Ovalue |              |
|----------------------------|-------|-----|-------|-------|--------|--------------|
| 10) Acenaphthylene         | 13.94 | 152 | 308   | 0.024 | ng/ul# | 53           |
| 15) Phenanthrene           | 17.01 | 178 | 1854  | 0.102 | ng/ul# | 93           |
| 16) Anthracene             | 17.10 | 178 | 463   | 0.027 | ng/ul# | 75           |
| 19) Fluoranthene           | 19.03 | 202 | 5050  | 0.272 | ng/ul# | 93           |
| 20) Pyrene                 | 19.39 | 202 | 4673m | 0.248 | ng/ul  | > 08/06/2021 |
| 21) Benzo(a)anthracene     | 21.14 | 228 | 2508  | 0.143 | ng/ul  | 94           |
| 22) Chrysene               | 21.20 | 228 | 2918m | 0.161 | ng/ul  | } 08/06/2021 |
| 24) Benzo(b)fluoranthene   | 22.67 | 252 | 4222m | 0.205 | ng/ul  |              |
| 25) Benzo(k)fluoranthene   | 22.71 | 252 | 1359m | 0.064 | ng/ul  |              |
| 26) Benzo(a)pyrene         | 23.22 | 252 | 2711  | 0.150 | ng/ul# | 68           |
| 27) Indeno(1,2,3-cd)pyrene | 25.45 | 276 | 1867  | 0.080 | ng/ul# | 100          |
| 28) Dibenzo(a,h)anthracene | 25.46 | 278 | 504   | 0.027 | ng/ul# | 1            |
| 29) Benzo(a,h,i)perylene   | 26.11 | 276 | 1906  | 0.096 | ng/ul# | 83           |

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