

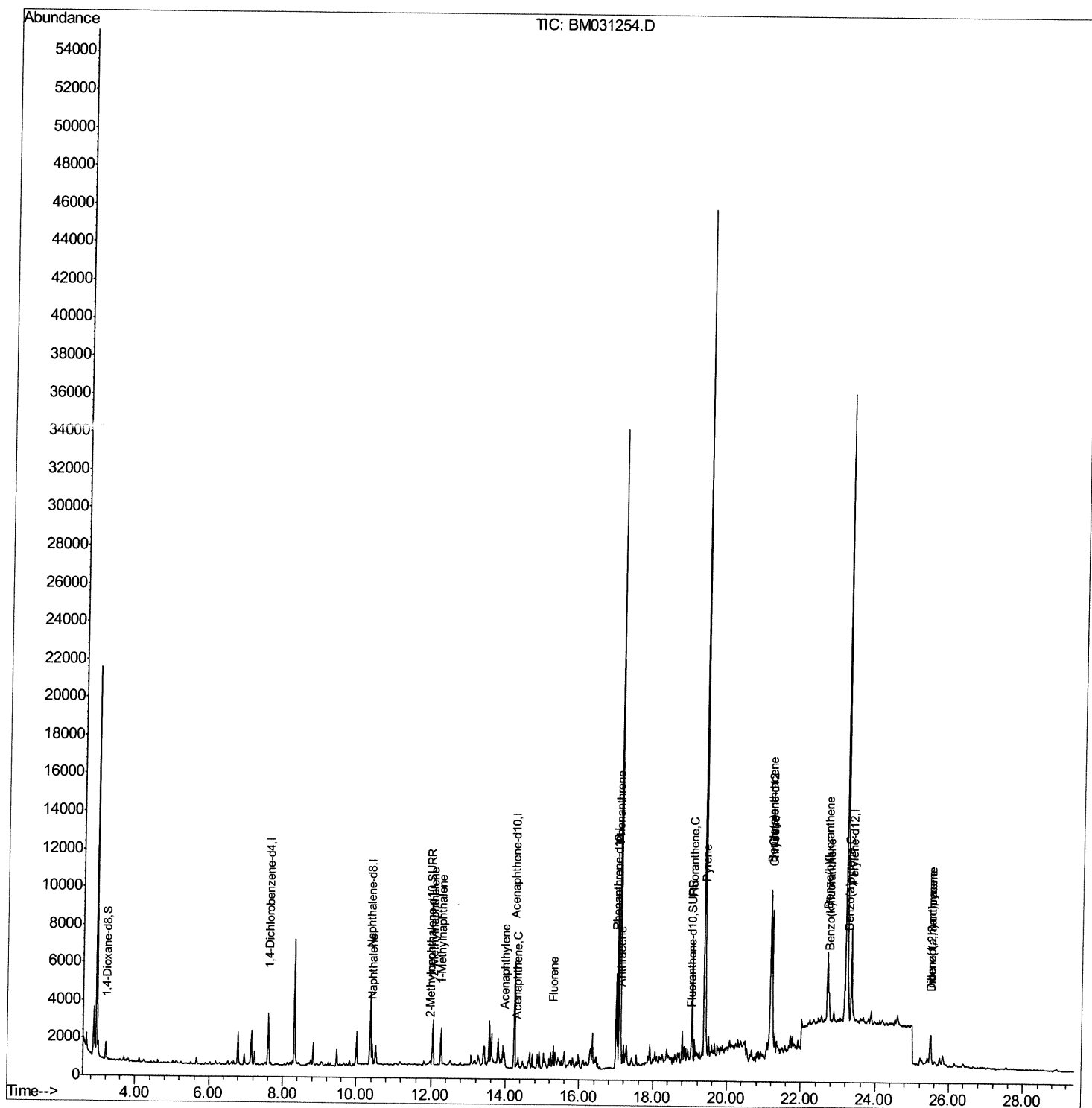
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\  
Data File : BM031254.D  
Acq On : 29 Jul 2021 18:30  
Operator : CG/JU  
Sample : M3082-11DL 5X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0009DL

Manual Integrations  
APPROVED

mohammad  
7/30/2021 12:02:10 PM

Quant Time: Jul 30 03:50:11 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 : Wed Jul 28 15:20:04 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

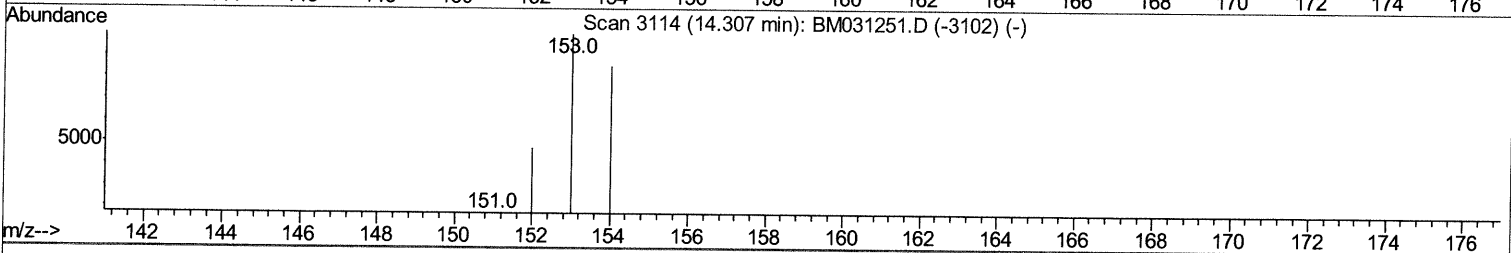
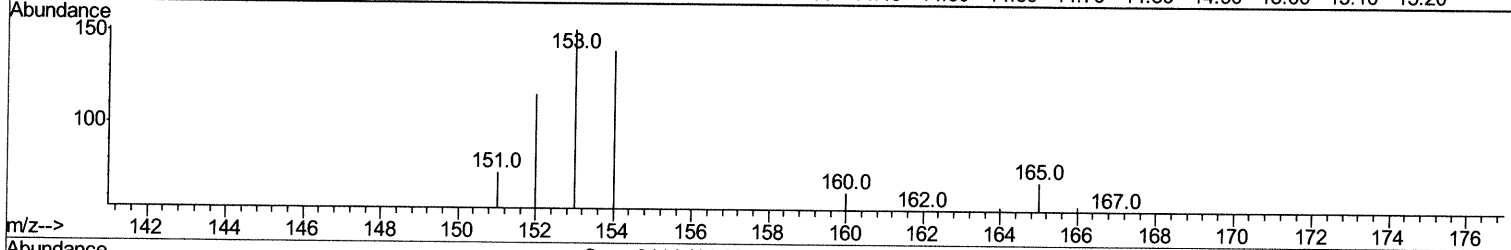
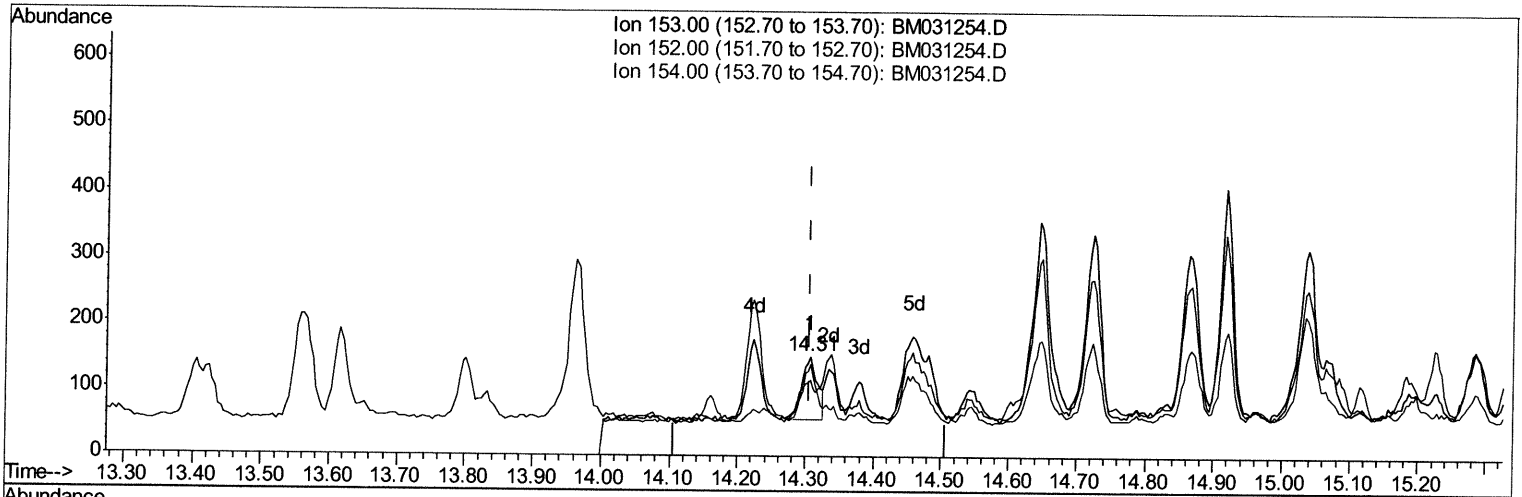
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 C0009DL

Manual Integrations  
 APPROVED

mohammad  
 7/30/2021 12:02:10 PM

Quant Time: Jul 30 03:41:13 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 : Wed Jul 28 15:20:04 2021  
 Response via : Initial Calibration



TIC: BM031254.D

(11) Acenaphthene (C)

14.307min (-0.000) 0.01ng/ul

response 158

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 153.00 | 100   | 100    |
| 152.00 | 50.90 | 76.82# |
| 154.00 | 87.70 | 92.72  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

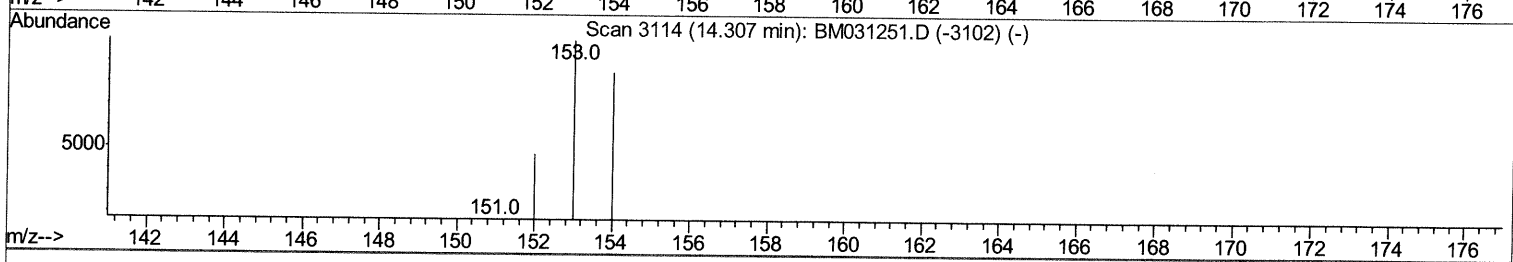
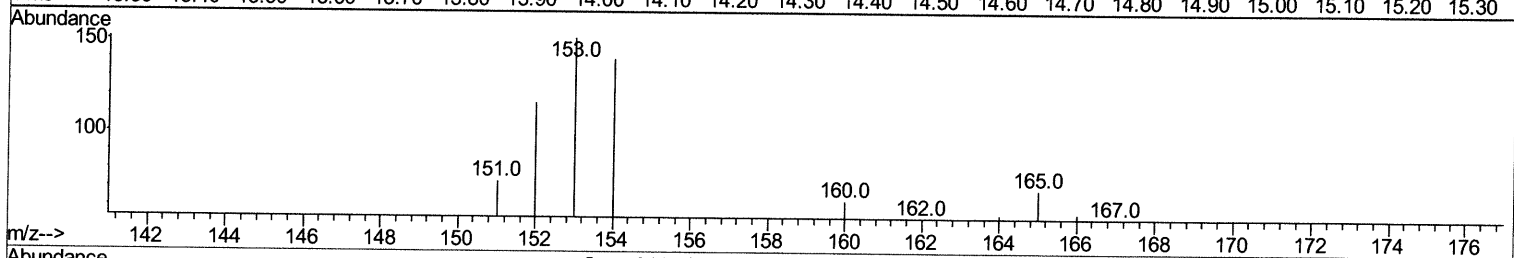
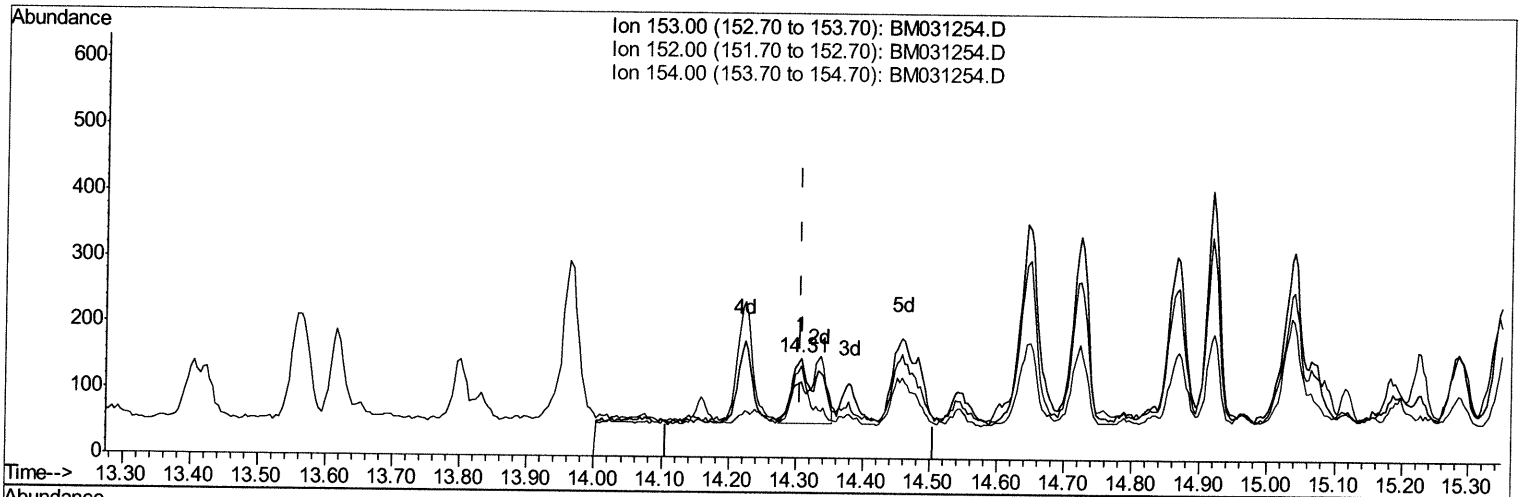
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Data File : BM031254.D  
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Manual Integrations  
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mohammad  
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TIC: BM031254.D

(11) Acenaphthene (C)

14.307min (-0.000) 0.02ng/ul m *0.01/0.01/0.01*

response 255

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 153.00 | 100   | 100    |
| 152.00 | 50.90 | 76.82# |
| 154.00 | 87.70 | 92.72  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

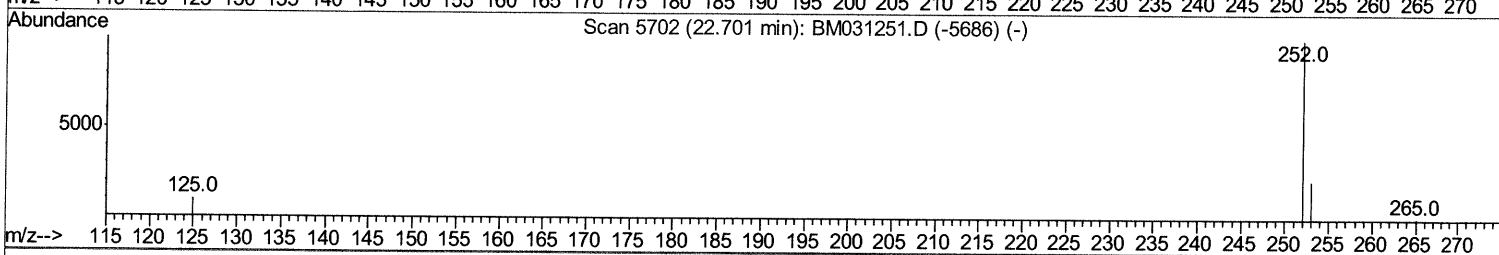
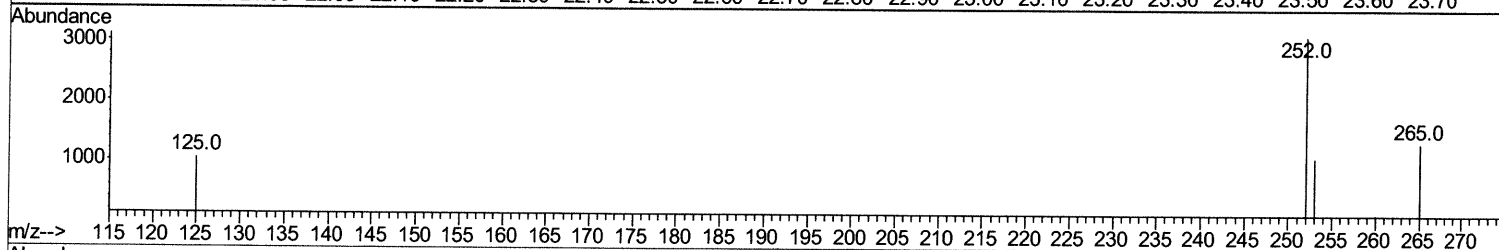
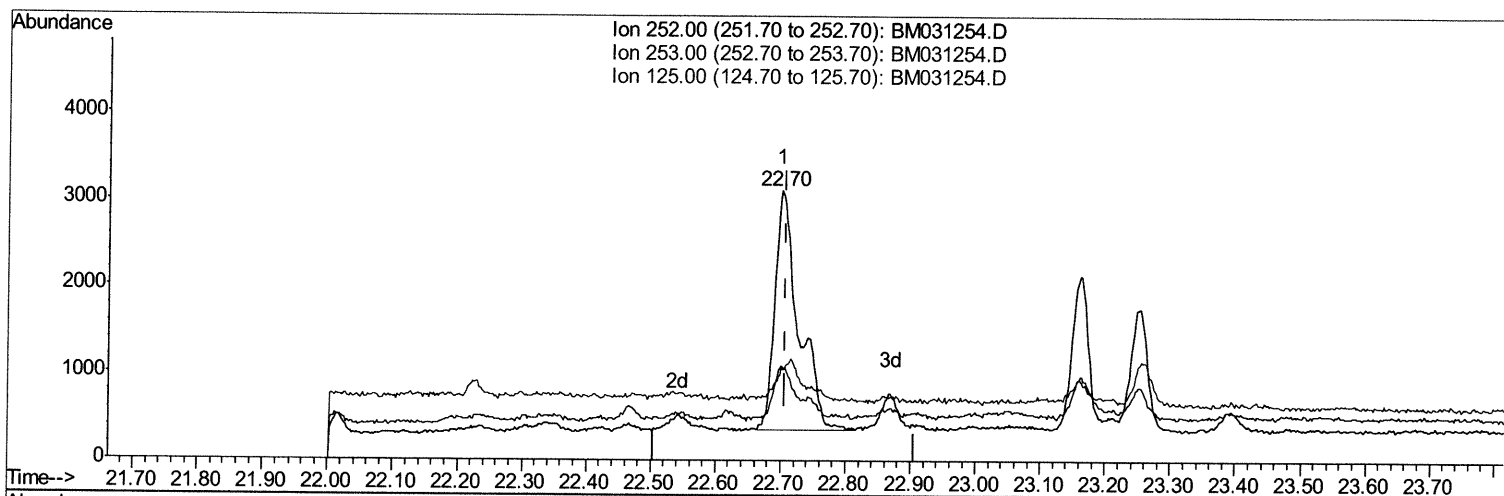
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\  
Data File : BM031254.D  
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Sample : M3082-11DL 5X  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0009DL

Manual Integrations  
APPROVED

mohammad  
7/30/2021 12:02:10 PM

Quant Time: Jul 30 03:48:09 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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TIC: BM031254.D

(24) Benzo(b)fluoranthene

22.701min (-0.005) 0.26ng/ul

response 7005

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.50 | 35.05  |
| 125.00 | 11.40 | 33.96# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

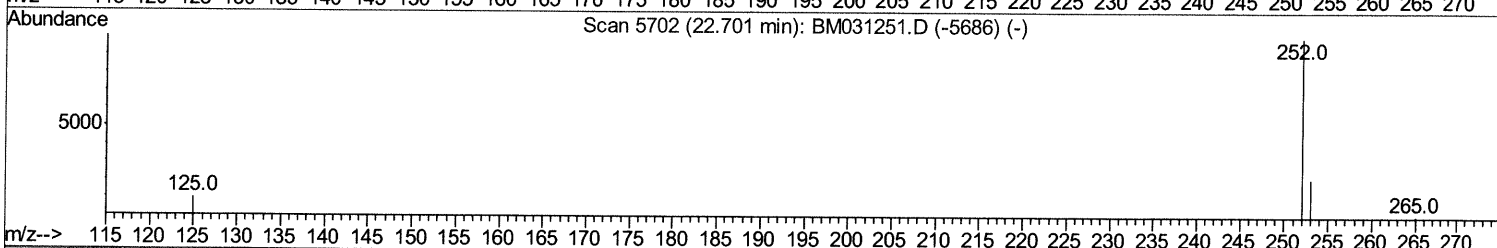
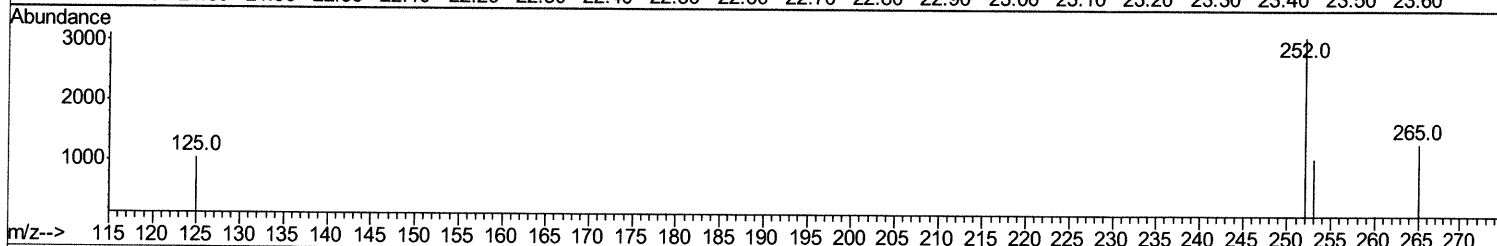
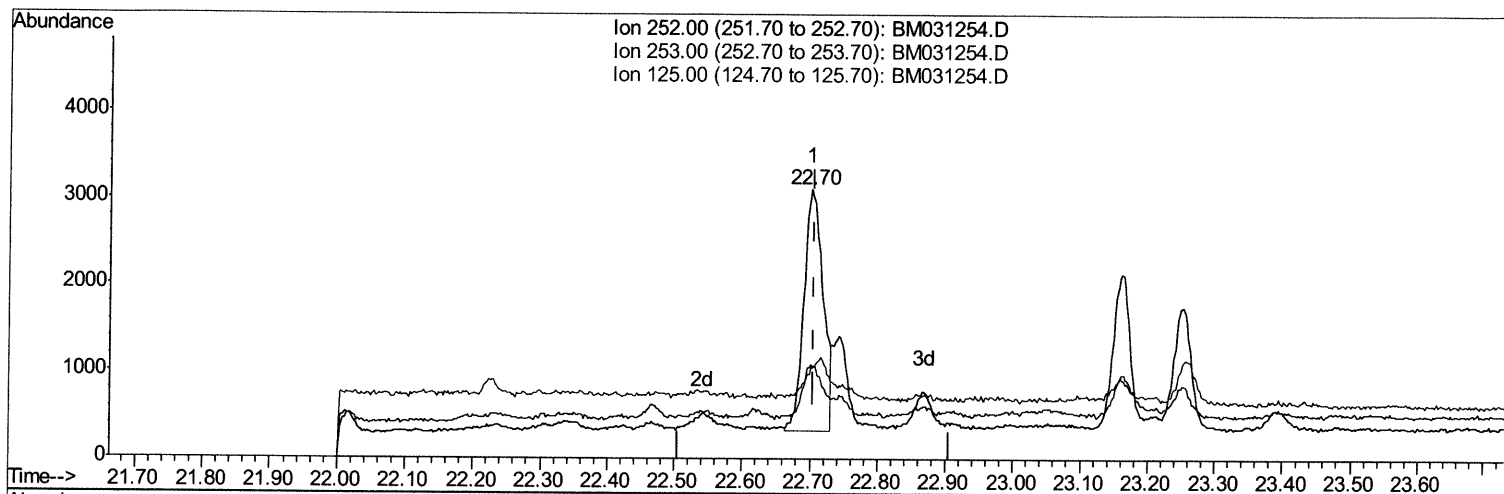
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\  
Data File : BM031254.D  
Acq On : 29 Jul 2021 18:30  
Operator : CG/JU  
Sample : M3082-11DL 5X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0009DL

Manual Integrations  
APPROVED

mohammad  
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Quant Time: Jul 30 03:48:09 2021  
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TIC: BM031254.D

(24) Benzo(b)fluoranthene

22.701min (-0.005) 0.20ng/ul m

08/02/21 JU

response 5448

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.50 | 35.05  |
| 125.00 | 11.40 | 33.96# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

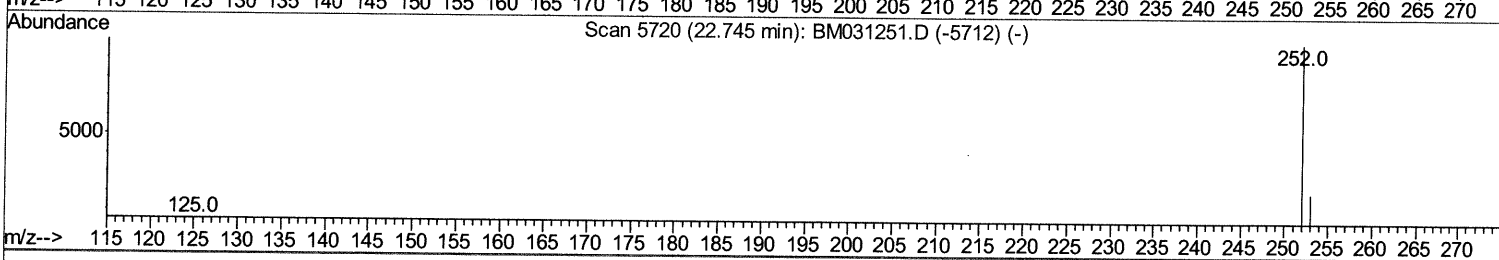
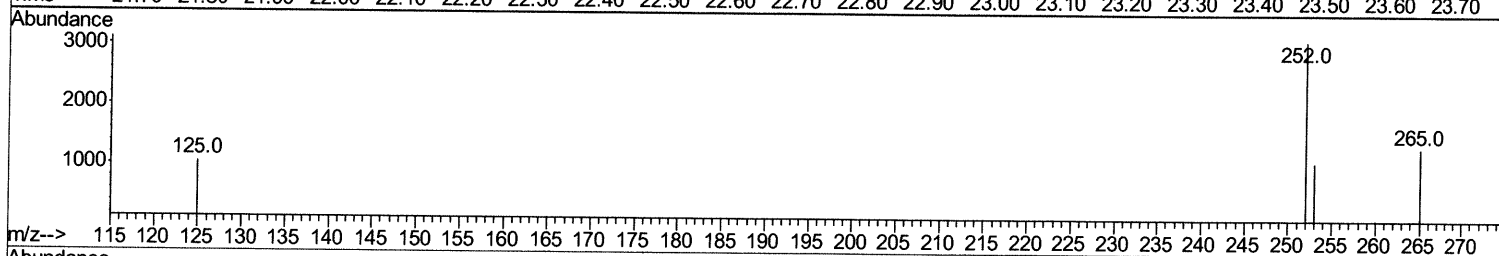
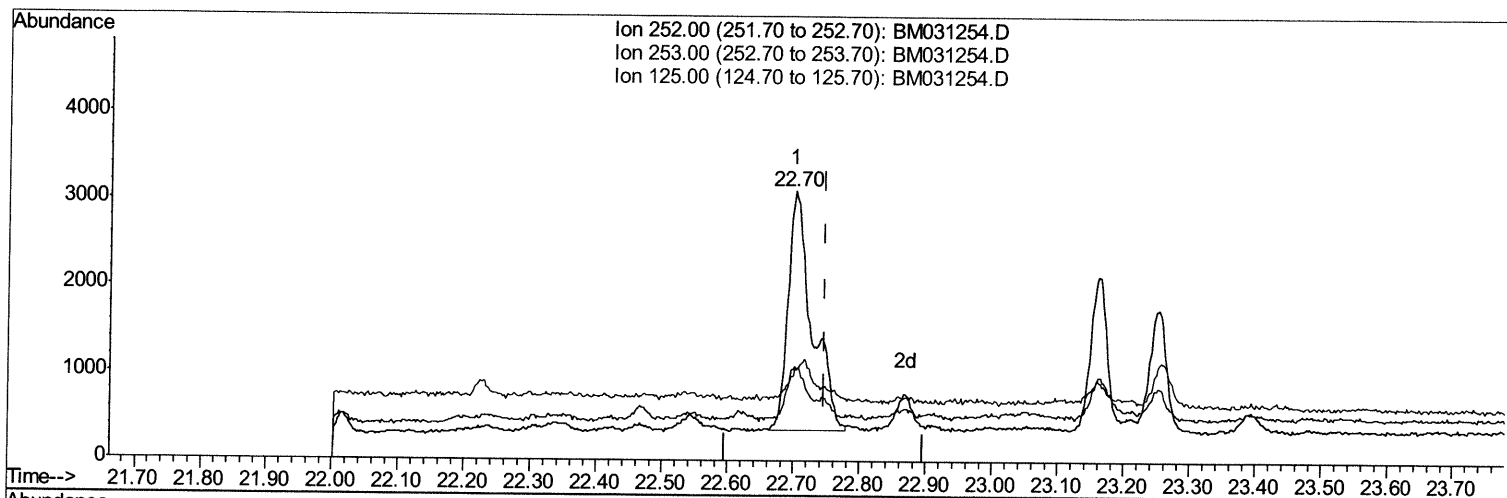
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\  
Data File : BM031254.D  
Acq On : 29 Jul 2021 18:30  
Operator : CG/JU  
Sample : M3082-11DL 5X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0009DL

Manual Integrations  
APPROVED

mohammad  
7/30/2021 12:02:10 PM

Quant Time: Jul 30 03:48:52 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 : Wed Jul 28 15:20:04 2021  
Response via : Initial Calibration



TIC: BM031254.D

(25) Benzo(k)fluoranthene

22.701min (-0.046) 0.25ng/ul

response 6896

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 35.05# |
| 125.00 | 11.00 | 33.96# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

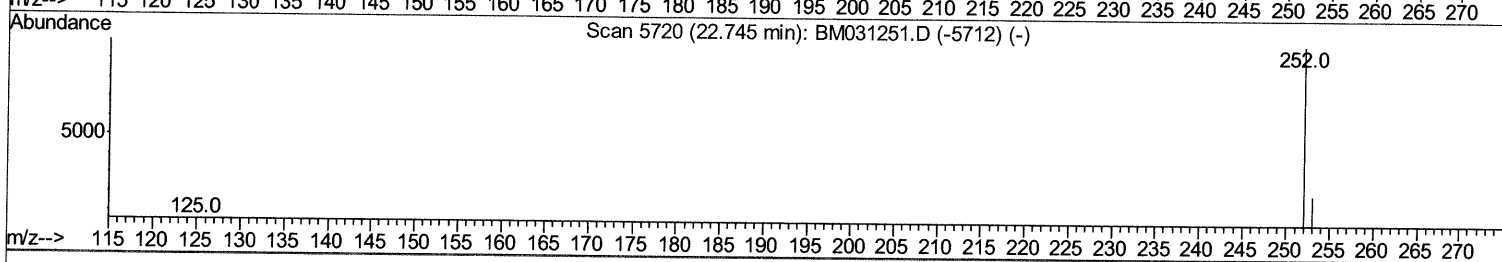
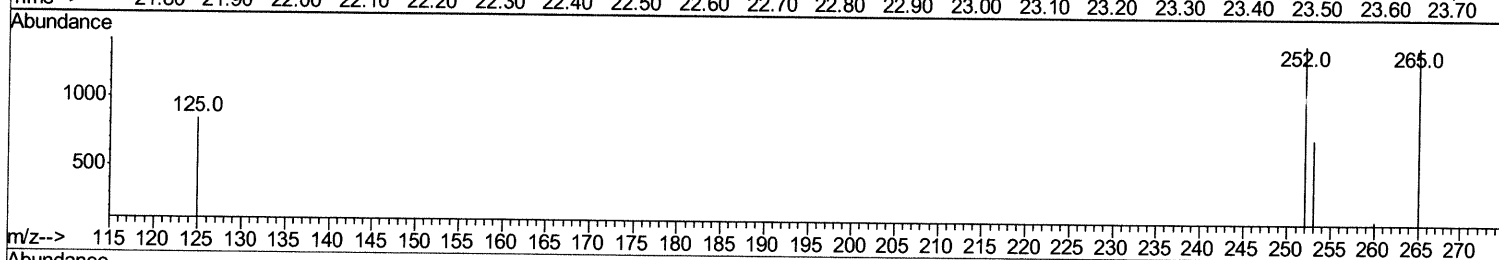
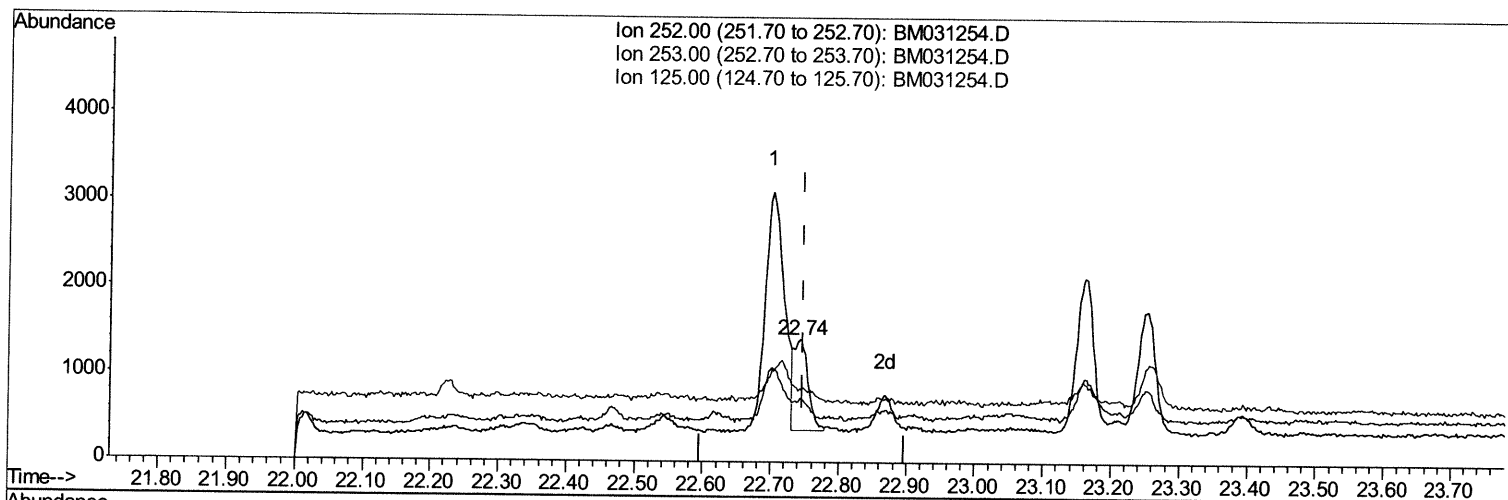
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\  
Data File : BM031254.D  
Acq On : 29 Jul 2021 18:30  
Operator : CG/JU  
Sample : M3082-11DL 5X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0009DL

Manual Integrations  
APPROVED

mohammad  
7/30/2021 12:02:10 PM

Quant Time: Jul 30 03:48:52 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 : Wed Jul 28 15:20:04 2021  
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TIC: BM031254.D

(25) Benzo(k)fluoranthene

22.742min (-0.005) 0.06ng/ul m 08/02/21 JU

response 1539

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 51.91# |
| 125.00 | 11.00 | 59.56# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\  
 Data File : BM031254.D  
 Acq On : 29 Jul 2021 18:30  
 Operator : CG/JU  
 Sample : M3082-11DL 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 C0009DL

Manual Integrations  
 APPROVED

mohammad  
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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)    |
|-----------------------------|-------|------|----------|-------|---------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.61  | 152  | 1337     | 0.40  | ng/ul   | 0.00        |
| 4) Naphthalene-d8           | 10.38 | 136  | 5016     | 0.40  | ng/ul   | 0.00        |
| 9) Acenaphthene-d10         | 14.24 | 164  | 2995     | 0.40  | ng/ul   | 0.00        |
| 13) Phenanthrene-d10        | 16.99 | 188  | 5947     | 0.40  | ng/ul   | 0.00        |
| 17) Chrysene-d12            | 21.18 | 240  | 5646     | 0.40  | ng/ul   | 0.00        |
| 23) Perylene-d12            | 23.35 | 264  | 5979     | 0.40  | ng/ul   | 0.00        |
| System Monitoring Compounds |       |      |          |       |         |             |
| 3) 1,4-Dioxane-d8           | 3.20  | 96   | 621      | 0.42  | ng/ul   | 0.00        |
| 6) 2-Methylnaphthalene-d10  | 11.97 | 152  | 276      | 0.03  | ng/ul   | 0.00        |
| 18) Fluoranthene-d10        | 19.02 | 212  | 600      | 0.03  | ng/ul   | 0.00        |
| Target Compounds            |       |      |          |       |         |             |
|                             |       |      |          |       | Ovalue  |             |
| 5) Naphthalene              | 10.43 | 128  | 1506     | 0.101 | ng/ul#  | 91          |
| 7) 2-Methylnaphthalene      | 12.05 | 142  | 1672     | 0.164 | ng/ul   | 100         |
| 8) 1-Methylnaphthalene      | 12.27 | 142  | 1352     | 0.134 | ng/ul   | 98          |
| 10) Acenaphthylene          | 13.96 | 152  | 409      | 0.032 | ng/ul#  | 68          |
| 11) Acenaphthene            | 14.31 | 153  | 255m >   | 0.024 | ng/ul > | 08/02/21 JU |
| 12) Fluorene                | 15.30 | 166  | 464      | 0.038 | ng/ul#  | 69          |
| 15) Phenanthrene            | 17.03 | 178  | 9884     | 0.523 | ng/ul   | 100         |
| 16) Anthracene              | 17.12 | 178  | 1241     | 0.070 | ng/ul#  | 85          |
| 19) Fluoranthene            | 19.05 | 202  | 5653     | 0.234 | ng/ul#  | 94          |
| 20) Pyrene                  | 19.41 | 202  | 5440     | 0.222 | ng/ul#  | 93          |
| 21) Benzo(a)anthracene      | 21.16 | 228  | 4043     | 0.177 | ng/ul#  | 75          |
| 22) Chrysene                | 21.21 | 228  | 8620     | 0.365 | ng/ul#  | 89          |
| 24) Benzo(b)fluoranthene    | 22.70 | 252  | 5448m >  | 0.202 | ng/ul > | 08/02/21 JU |
| 25) Benzo(k)fluoranthene    | 22.74 | 252  | 1539m >  | 0.055 | ng/ul   |             |
| 26) Benzo(a)pyrene          | 23.25 | 252  | 2575     | 0.109 | ng/ul#  | 35          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.49 | 276  | 2127     | 0.070 | ng/ul#  | 94          |
| 28) Dibenzo(a,h)anthracene  | 25.50 | 278  | 996      | 0.041 | ng/ul#  | 1           |

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