

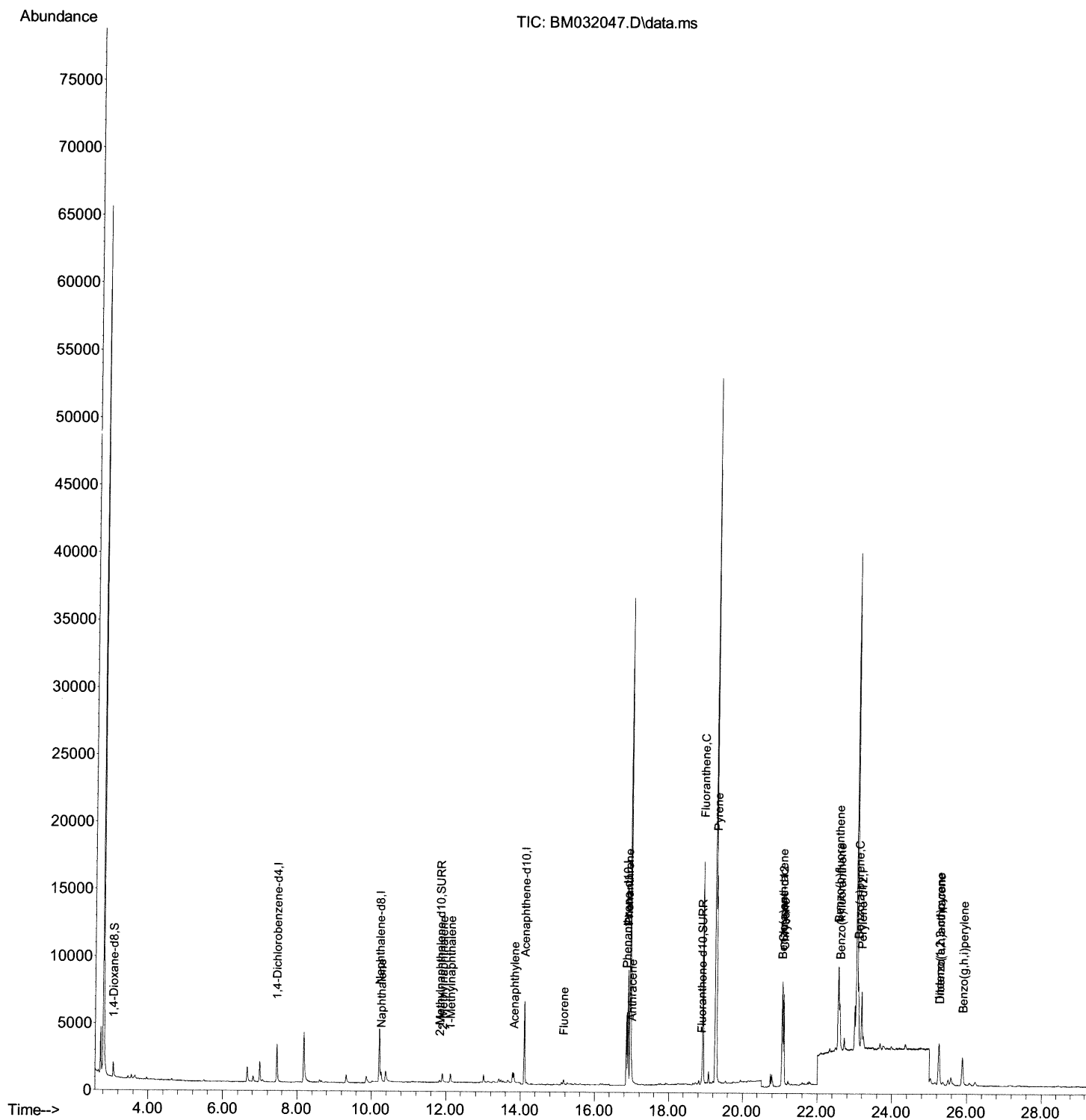
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090321\  
Data File : BM032047.D  
Acq On : 03 Sep 2021 19:09  
Operator : CG/JU  
Sample : M3486-01DL 5X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AR6DL

Manual Integrations  
APPROVED

mohammad  
9/7/2021 11:37:18 AM

Quant Time: Sep 04 00:53:16 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM090321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 03 16:21:27 2021  
Response via : Initial Calibration



# Quantitation Report (Qedit)

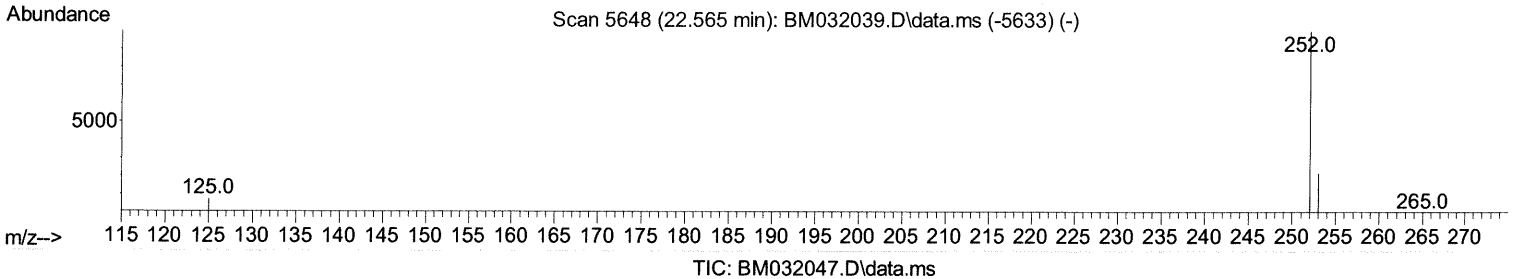
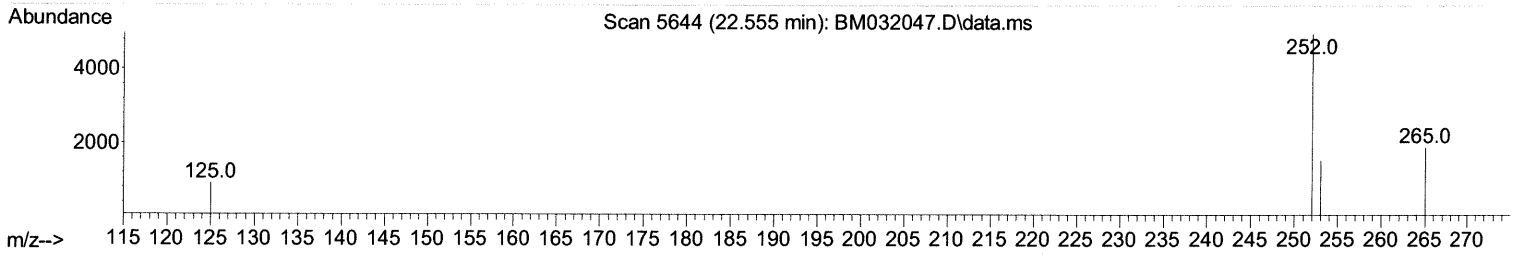
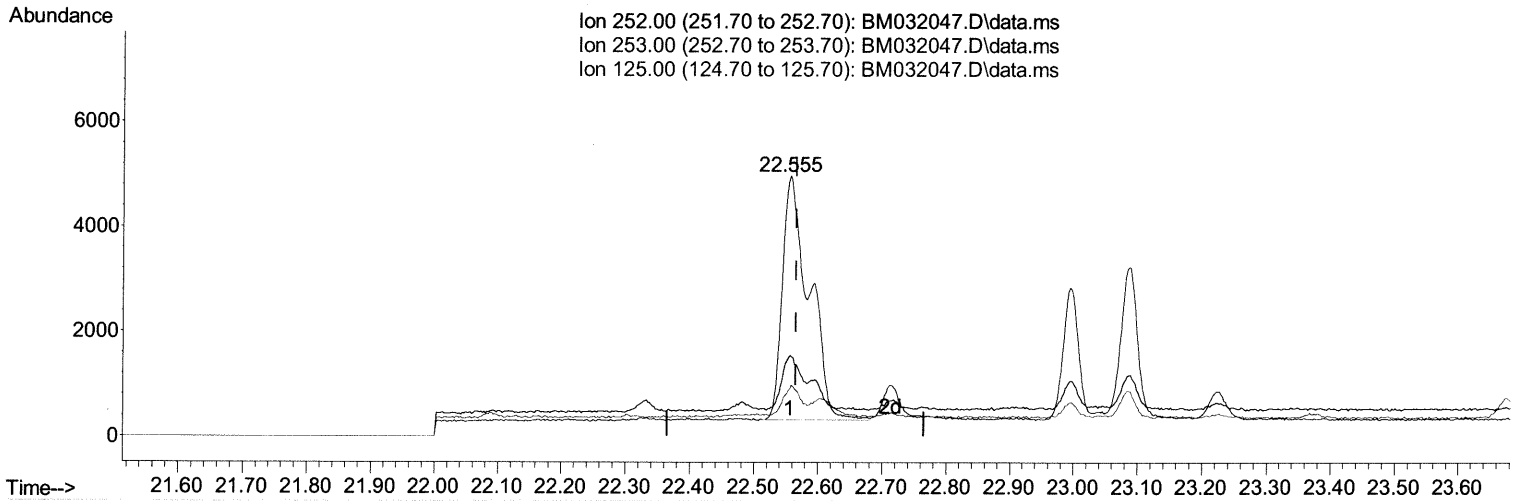
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090321\  
 Data File : BM032047.D  
 Acq On : 03 Sep 2021 19:09  
 Operator : CG/JU  
 Sample : M3486-01DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AR6DL

Manual Integrations  
 APPROVED

mohammad  
 9/7/2021 11:37:18 AM

Quant Time: Sep 04 00:53:16 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM090321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 03 16:21:27 2021  
 Response via : Initial Calibration



TIC: BM032047.D\data.ms

## (24) Benzo(b)fluoranthene

22.555min (-0.010) 0.58 ng/ul

response 13550

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 30.50  | 31.13  |
| 125.00 | 14.20  | 18.31  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

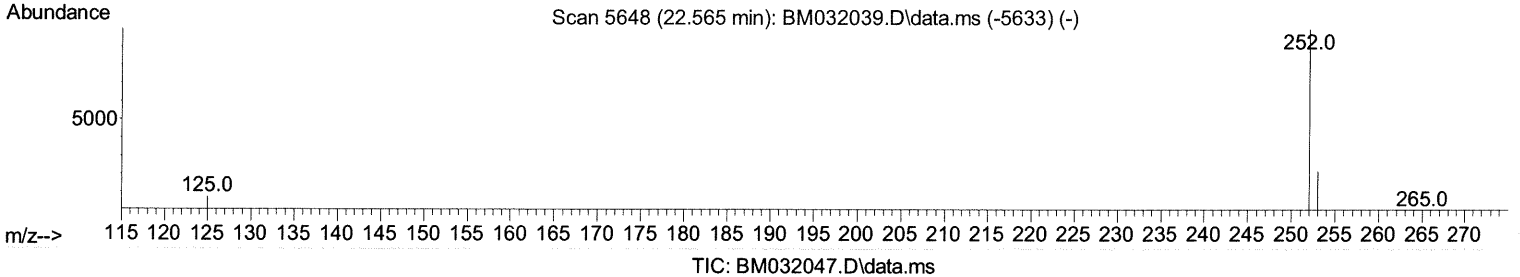
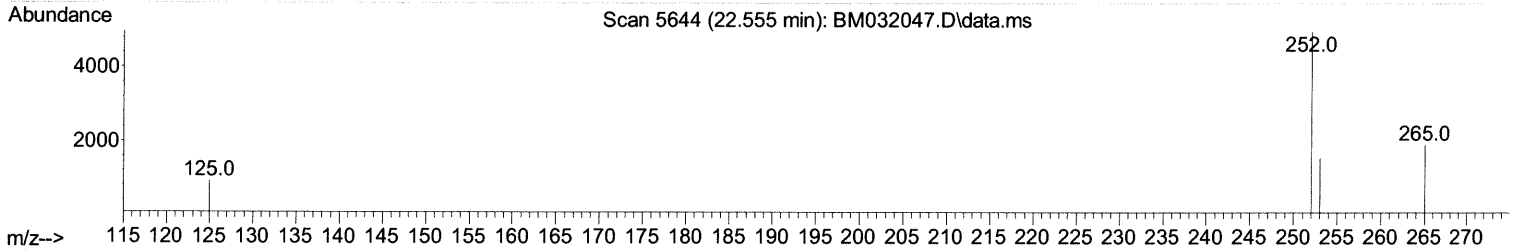
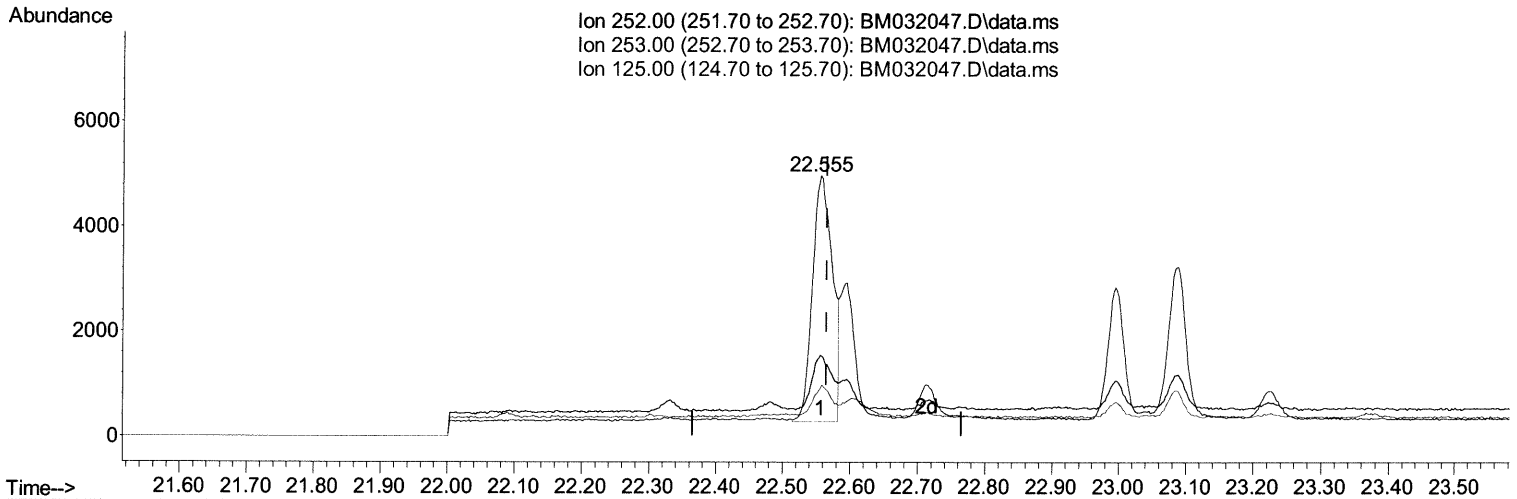
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090321\  
 Data File : BM032047.D  
 Acq On : 03 Sep 2021 19:09  
 Operator : CG/JU  
 Sample : M3486-01DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AR6DL

Manual Integrations  
 APPROVED

mohammad  
 9/7/2021 11:37:18 AM

Quant Time: Sep 04 00:53:16 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM090321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 03 16:21:27 2021  
 Response via : Initial Calibration



## (24) Benzo(b)fluoranthene

22.555min (-0.010) 0.42 ng/ul m 09/08/21J4

response 9767

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 30.50  | 31.13  |
| 125.00 | 14.20  | 18.31  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

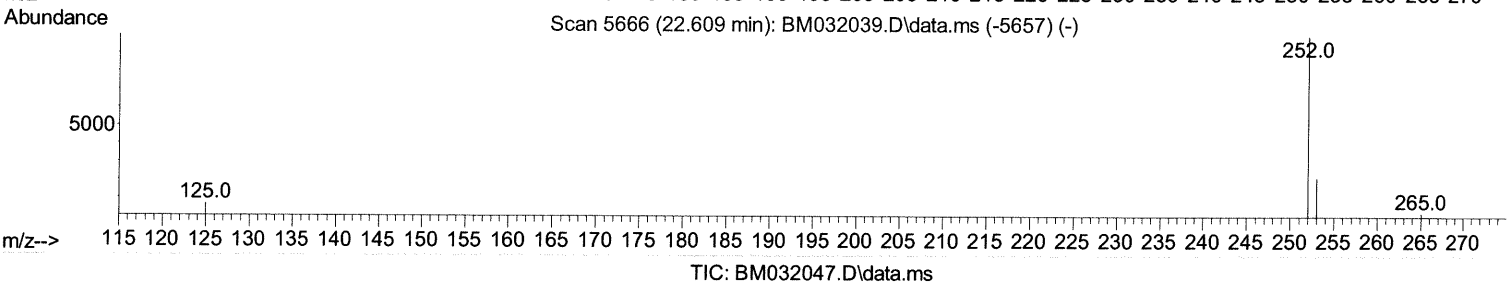
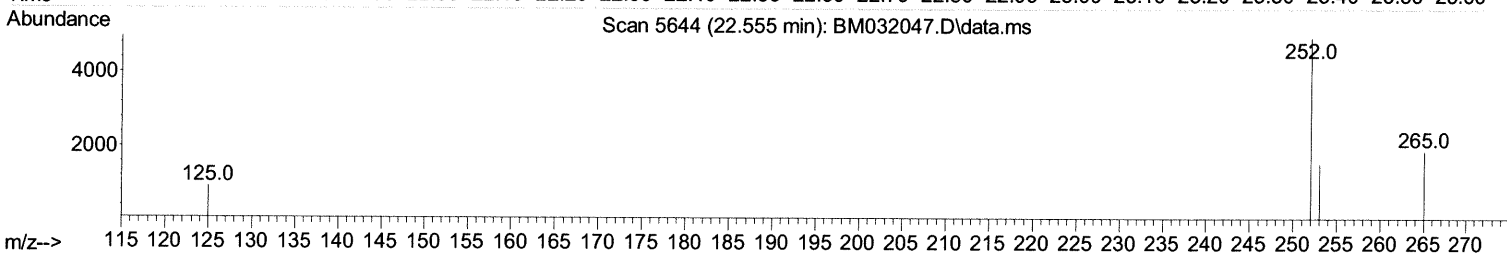
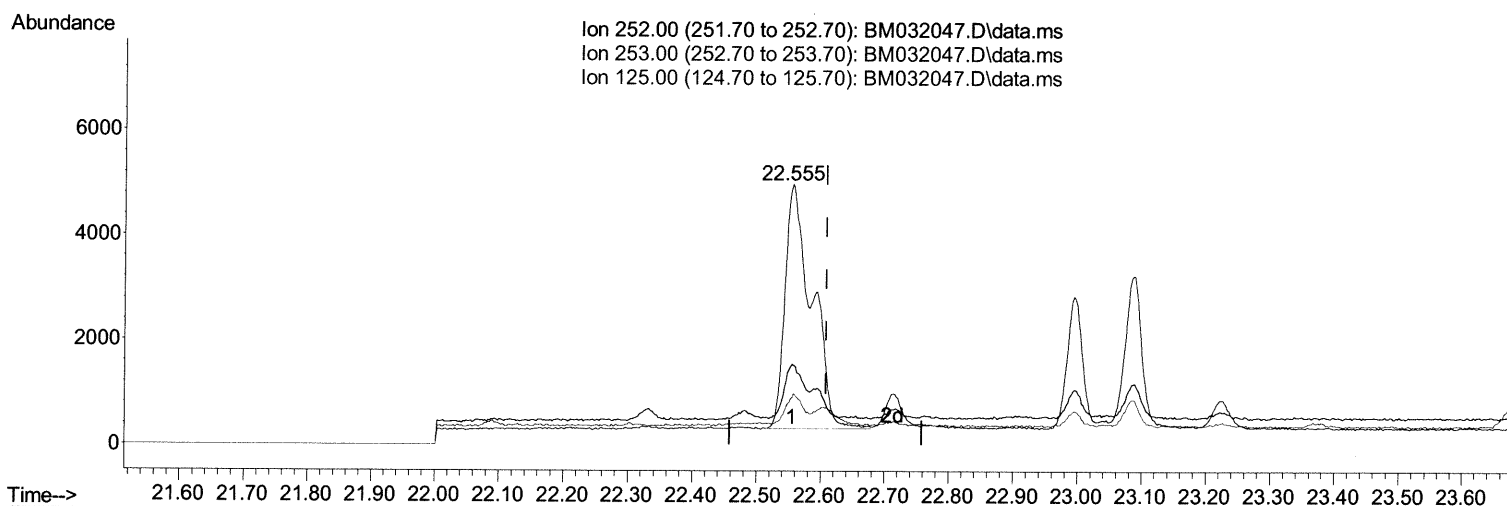
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090321\  
 Data File : BM032047.D  
 Acq On : 03 Sep 2021 19:09  
 Operator : CG/JU  
 Sample : M3486-01DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AR6DL

Manual Integrations  
 APPROVED

mohammad  
 9/7/2021 11:37:18 AM

Quant Time: Sep 04 00:53:16 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM090321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 03 16:21:27 2021  
 Response via : Initial Calibration



## (25) Benzo(k) fluoranthene

22.555min (-0.053) 0.57 ng/u1

response 13546

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.50  | 31.13  |
| 125.00 | 13.70  | 18.31# |
| 0.00   | 0.00   | 0.00   |

## Quantitation Report (Qedit)

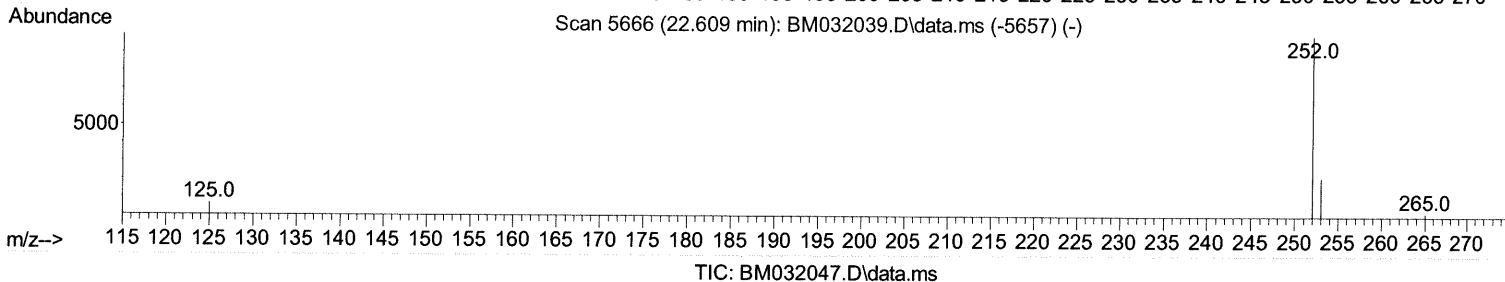
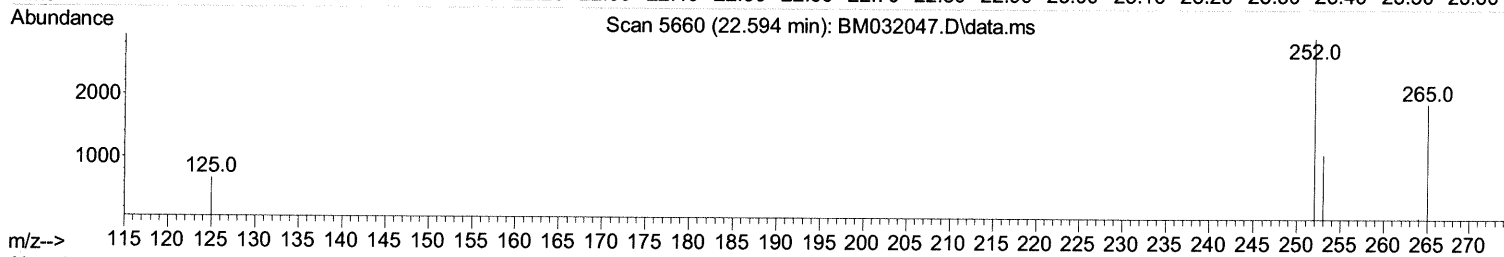
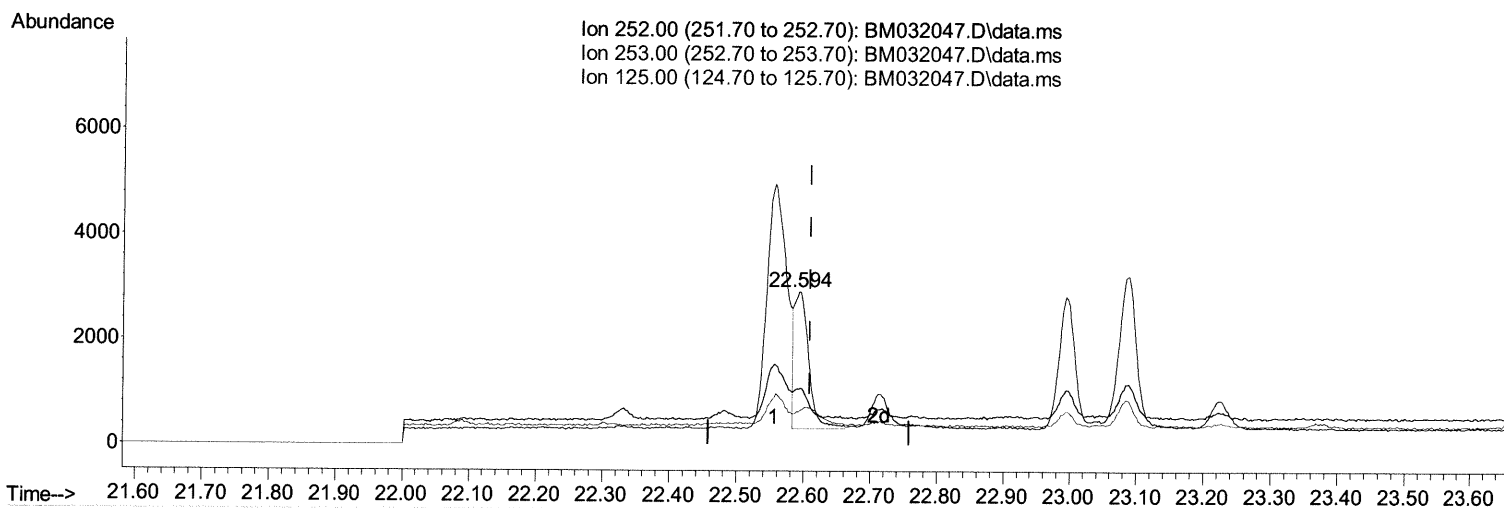
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090321\  
Data File : BM032047.D  
Acq On : 03 Sep 2021 19:09  
Operator : CG/JU  
Sample : M3486-01DL 5X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AR6DL

Manual Integrations  
APPROVED

mohammad  
9/7/2021 11:37:18 AM

Quant Time: Sep 04 00:53:16 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM090321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 03 16:21:27 2021  
Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.594min (-0.014) 0.16 ng/ul m 09/08/2021

response 3923

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.50  | 37.00  |
| 125.00 | 13.70  | 22.75# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090321\  
 Data File : BM032047.D  
 Acq On : 03 Sep 2021 19:09  
 Operator : CG/JU  
 Sample : M3486-01DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleID :  
 C0AR6DL

Manual Integrations  
 APPROVED

mohammad  
 9/7/2021 11:37:18 AM

Quant Time: Sep 04 00:53:16 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM090321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 03 16:21:27 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.459  | 152  | 1649     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.212 | 136  | 5880     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.102 | 164  | 3521     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.858 | 188  | 6709     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.064 | 240  | 5141     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.176 | 264  | 5053     | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.071  | 96   | 891      | 0.492 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.831 | 152  | 249      | 0.027 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.896 | 212  | 572      | 0.038 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.262 | 128  | 936      | 0.060 | ng/ul# | 85       |
| 7) 2-Methylnaphthalene      | 11.908 | 142  | 648      | 0.060 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.124 | 142  | 545      | 0.051 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.819 | 152  | 934      | 0.066 | ng/ul# | 86       |
| 12) Fluorene                | 15.168 | 166  | 276      | 0.020 | ng/ul# | 89       |
| 15) Phenanthrene            | 16.897 | 178  | 9198     | 0.450 | ng/ul  | 98       |
| 16) Anthracene              | 16.997 | 178  | 778      | 0.043 | ng/ul# | 79       |
| 19) Fluoranthene            | 18.927 | 202  | 15241    | 0.686 | ng/ul  | 99       |
| 20) Pyrene                  | 19.289 | 202  | 13171    | 0.575 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.050 | 228  | 4281     | 0.228 | ng/ul  | 95       |
| 22) Chrysene                | 21.100 | 228  | 6696     | 0.310 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 22.555 | 252  | 9767m    | 0.420 | ng/ul  | >        |
| 25) Benzo(k)fluoranthene    | 22.594 | 252  | 3923m    | 0.164 | ng/ul  | >        |
| 26) Benzo(a)pyrene          | 23.086 | 252  | 5226     | 0.257 | ng/ul# | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.250 | 276  | 5078     | 0.184 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 25.262 | 278  | 1098     | 0.049 | ng/ul# | 47       |
| 29) Benzo(g,h,i)perylene    | 25.884 | 276  | 4237     | 0.172 | ng/ul  | 97       |

09/08/21 JU

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