

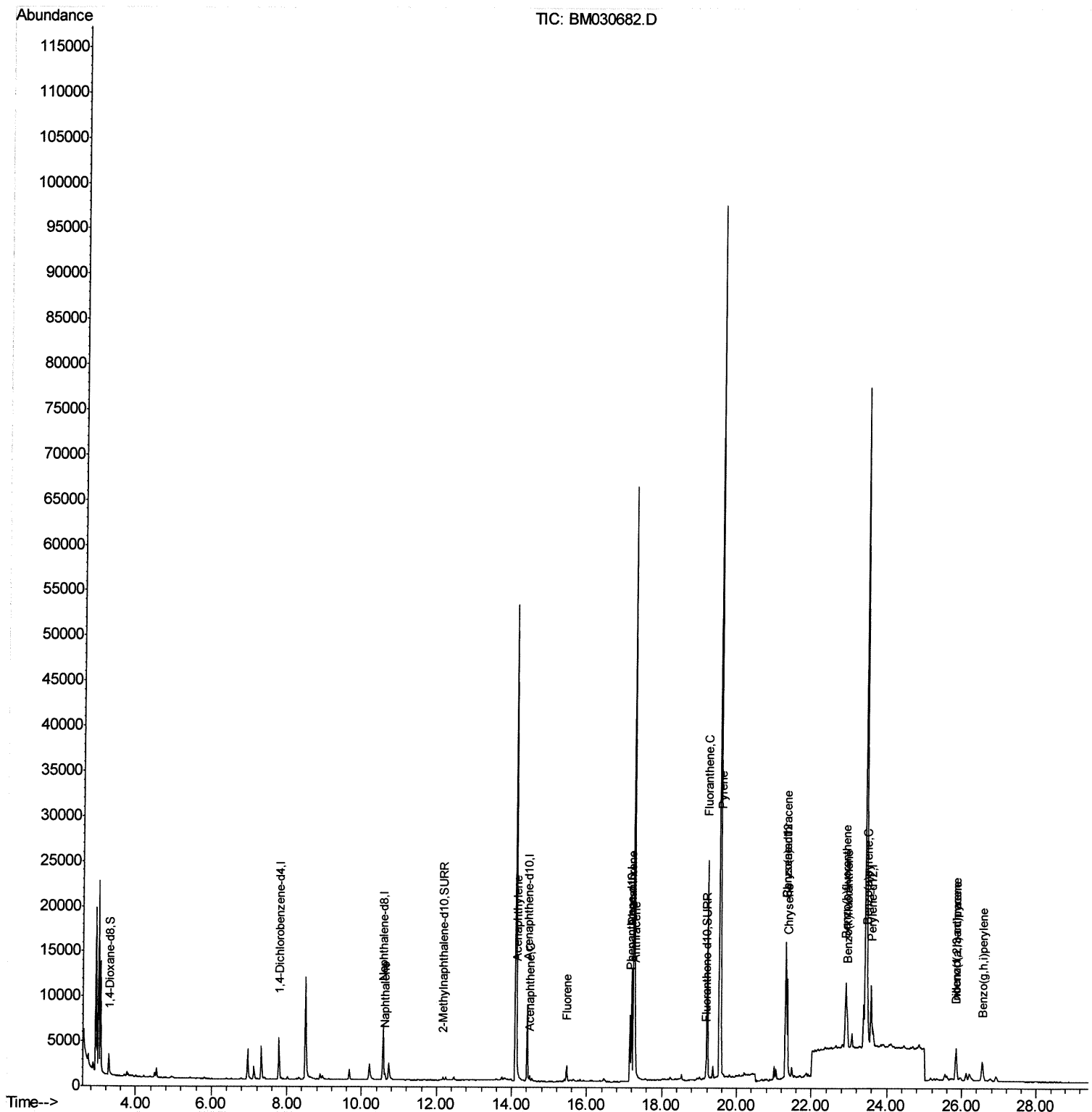
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062821\  
Data File : BM030682.D  
Acq On : 29 Jun 2021 09:25  
Operator : CG/JU  
Sample : M2704-05DL 5X  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGD86DL

Quant Time: Jun 29 10:27:45 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 28 14:33:12 2021  
Response via : Initial Calibration

Manual Integrations  
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mohammad  
6/29/2021 2:32:38 PM



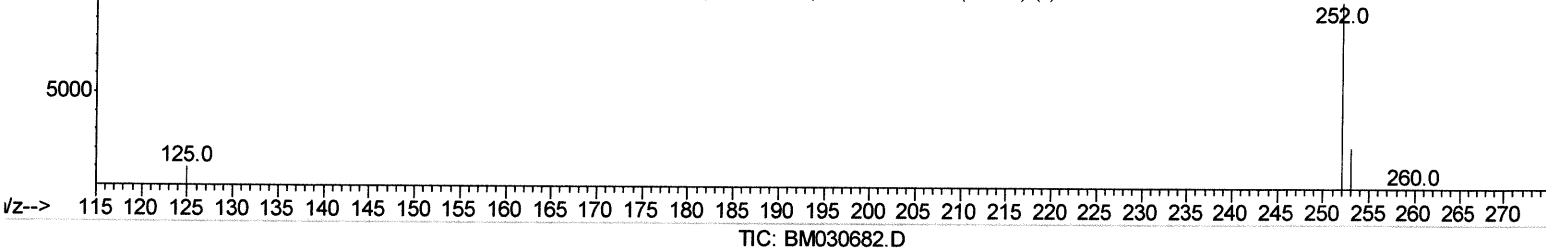
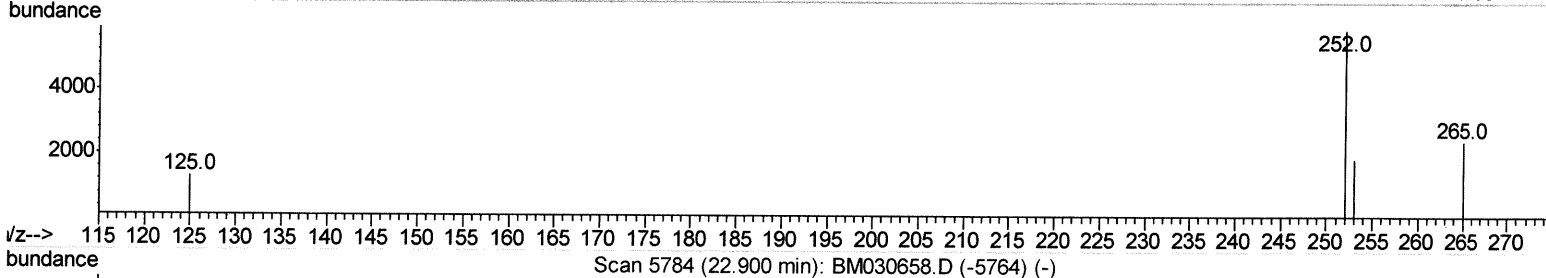
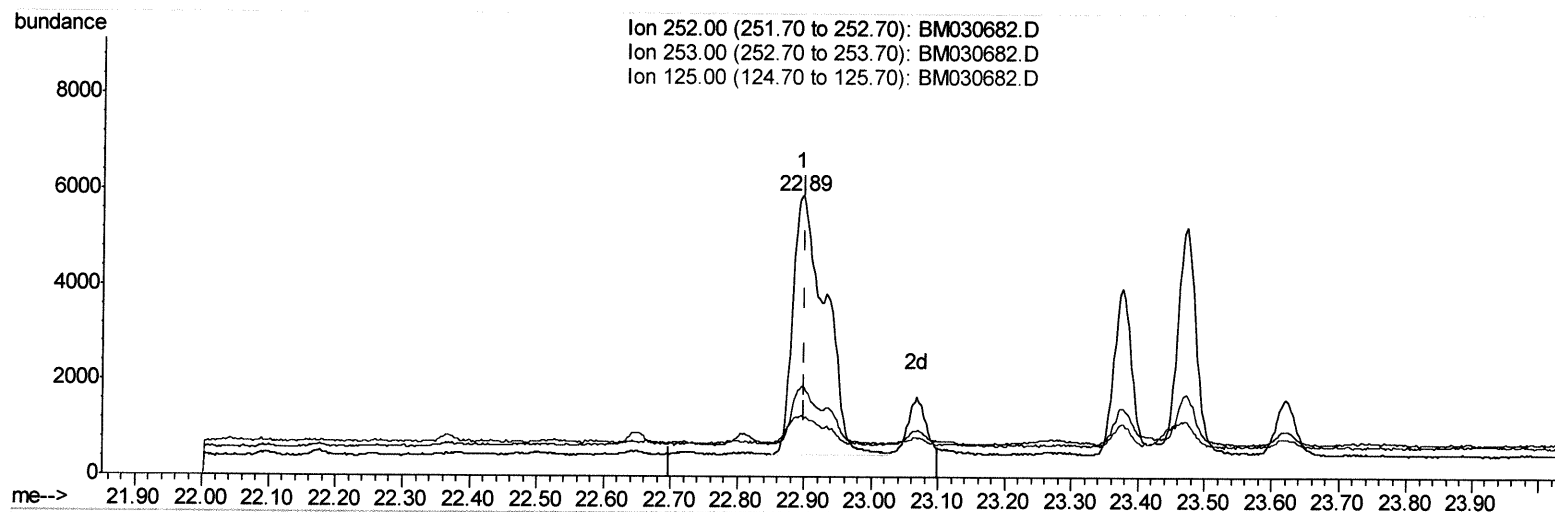
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(24) Benzo(b)fluoranthene

22.895min (-0.005) 0.44ng/ul

response 18297

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 28.90 | 32.25 |
| 125.00 | 16.60 | 21.93 |
| 0.00   | 0.00  | 0.00  |

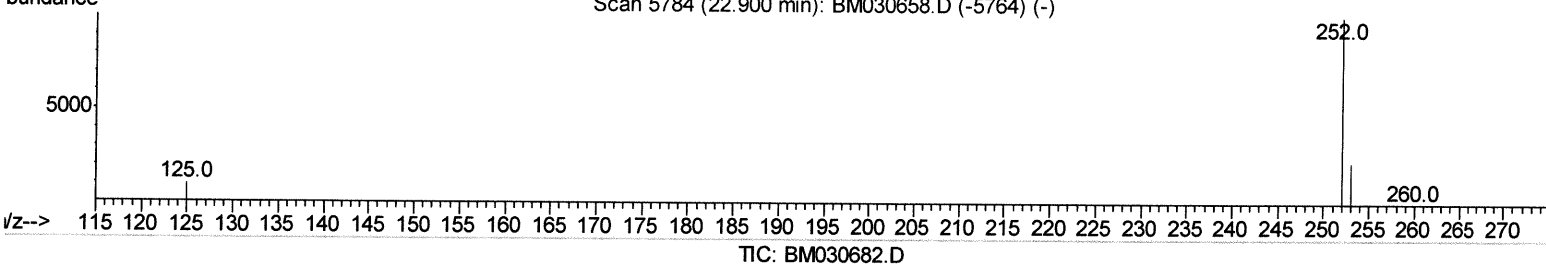
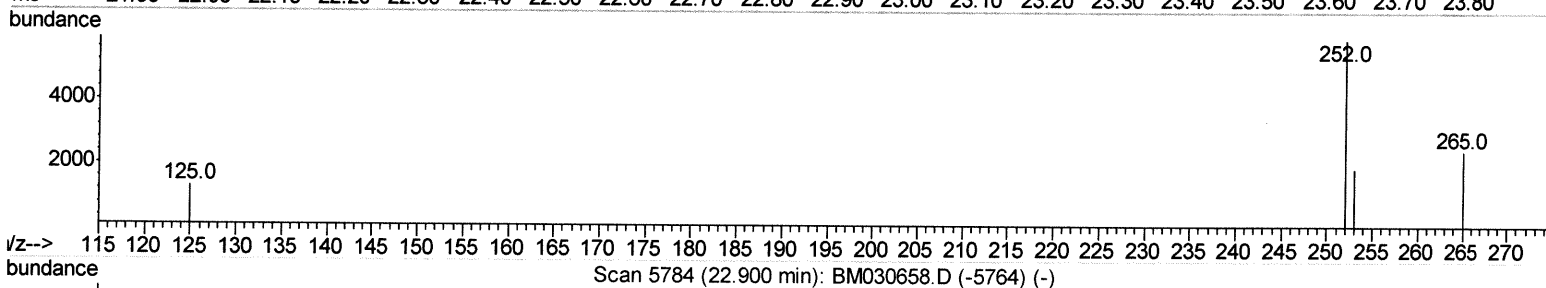
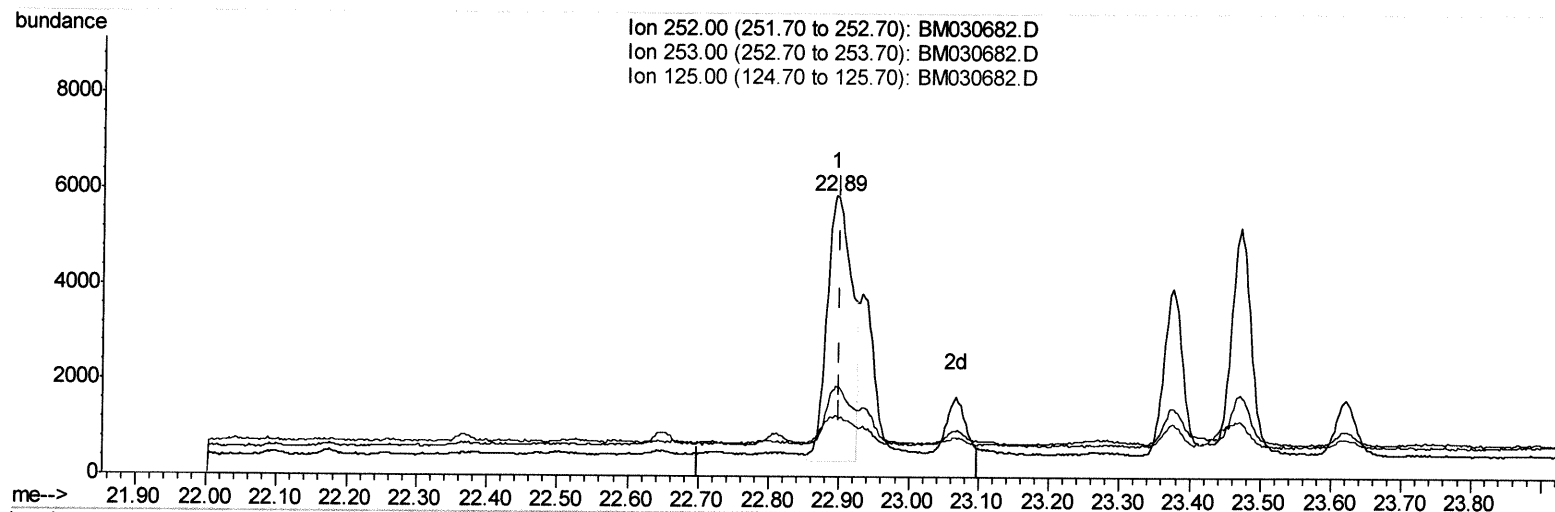
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(24) Benzo(b)fluoranthene

22.895min (-0.005) 0.32ng/ul m

*ju 6/30/21*

response 13282

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 28.90 | 32.25 |
| 125.00 | 16.60 | 21.93 |
| 0.00   | 0.00  | 0.00  |

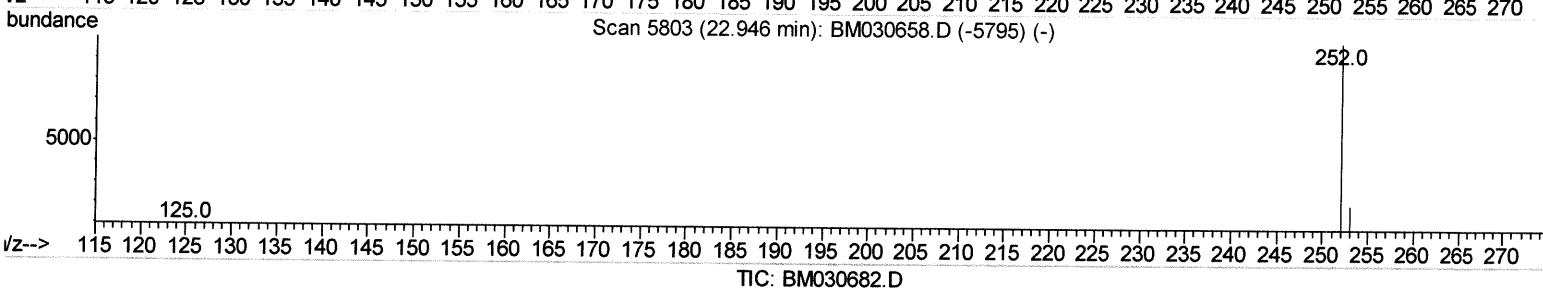
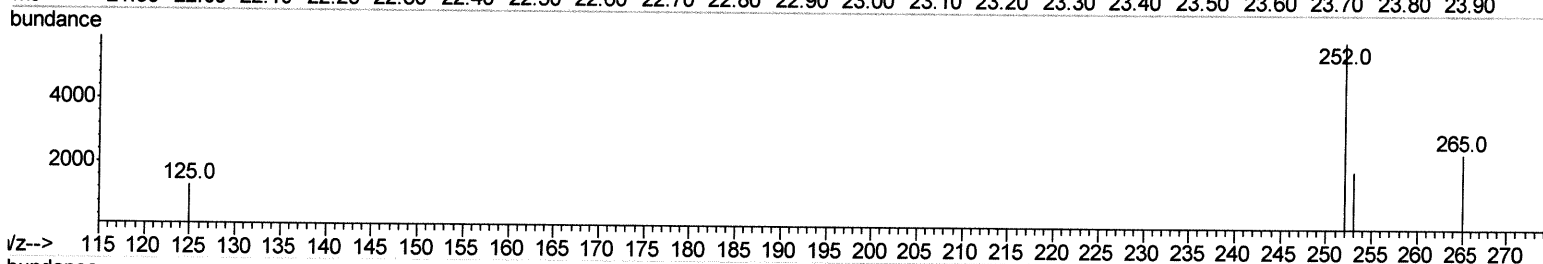
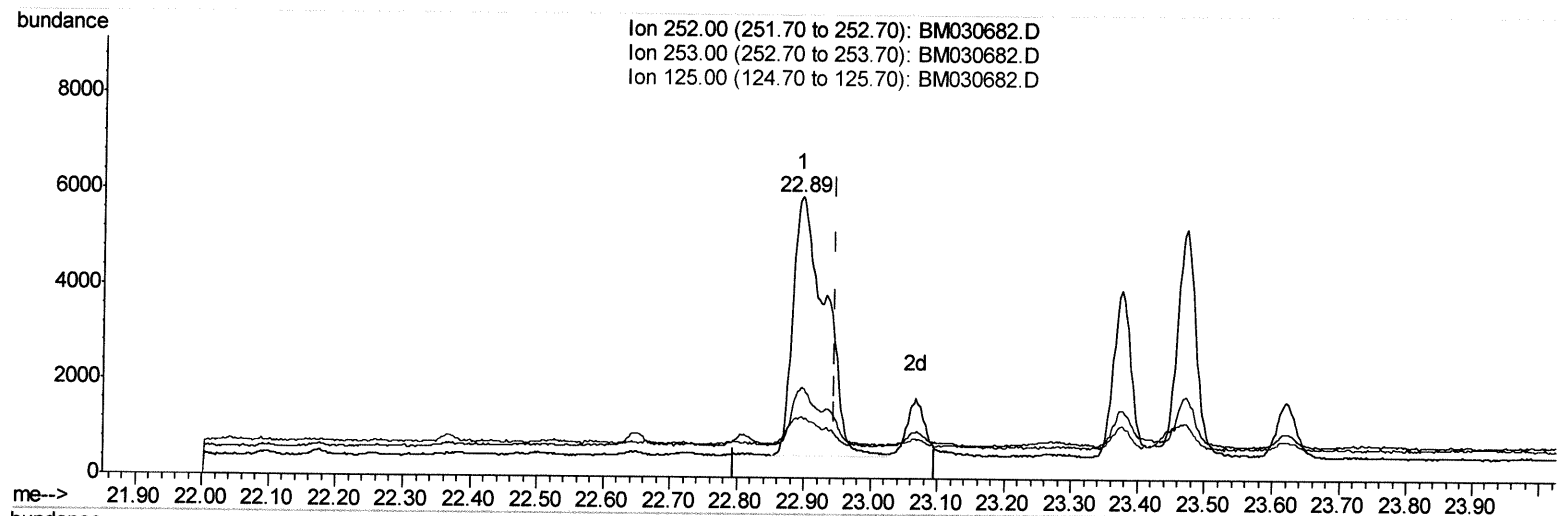
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(25) Benzo(k)fluoranthene

22.895min (-0.051) 0.42ng/ul

response 18297

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.00 | 32.25  |
| 125.00 | 15.80 | 21.93# |
| 0.00   | 0.00  | 0.00   |

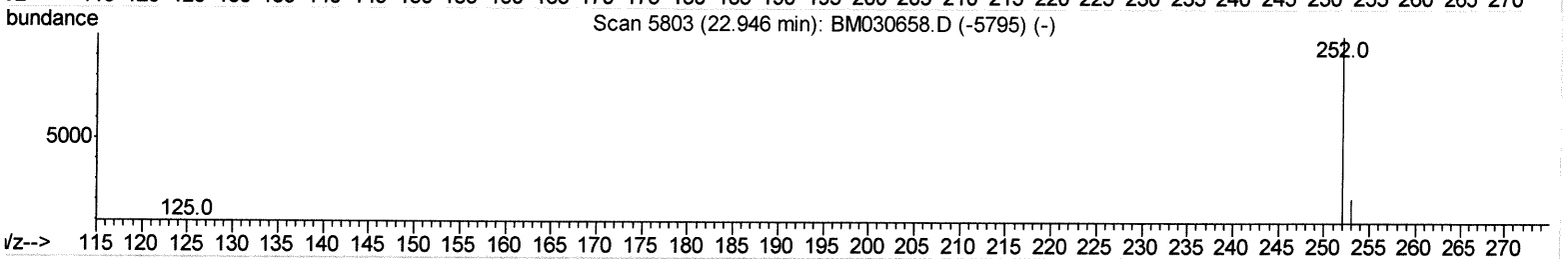
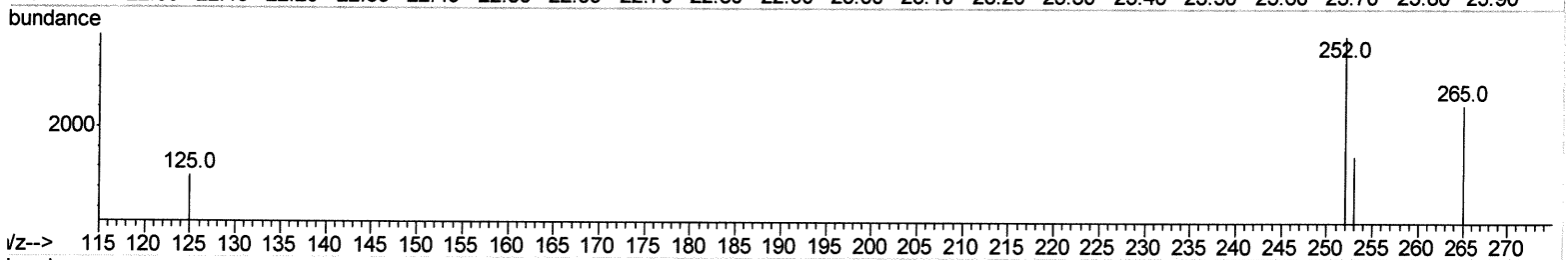
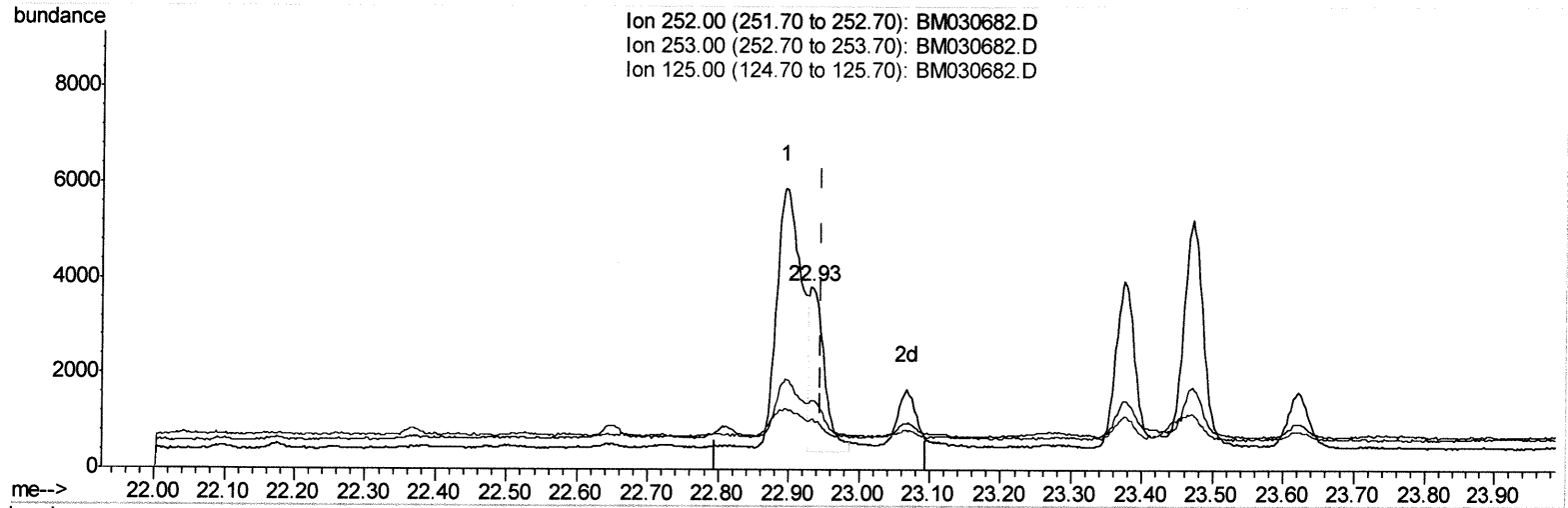
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 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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TIC: BM030682.D

(25) Benzo(k)fluoranthene

22.931min (-0.014) 0.12ng/ul m *Jul 6/20/21*

response 5305

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 29.00 | 37.42# |
| 125.00 | 15.80 | 27.12# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062821\  
 Data File : BM030682.D  
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 Operator : CG/JU  
 Sample : M2704-05DL 5X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 2526     | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 10.58 | 136  | 8980     | 0.40 | ng/ul | 0.00     |
| 9) Acenaphthene-d10       | 14.42 | 164  | 4900     | 0.40 | ng/ul | 0.00     |
| 13) Phenanthrene-d10      | 17.15 | 188  | 9487     | 0.40 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.32 | 240  | 8758     | 0.40 | ng/ul | 0.00     |
| 23) Perylene-d12          | 23.57 | 264  | 9494     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 3) 1,4-Dioxane-d8           | 3.28  | 96   | 1695     | 0.62 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.17 | 152  | 573      | 0.04 | ng/ul | 0.00     |
| 18) Fluoranthene-d10        | 19.17 | 212  | 1253     | 0.05 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue       |
|----------------------------|-------|------|----------|-------|--------|--------------|
| 5) Naphthalene             | 10.62 | 128  | 1028     | 0.040 | ng/ul# | 84           |
| 10) Acenaphthylene         | 14.14 | 152  | 1326     | 0.061 | ng/ul# | 87           |
| 11) Acenaphthene           | 14.48 | 153  | 367      | 0.021 | ng/ul# | 93           |
| 12) Fluorene               | 15.46 | 166  | 1278     | 0.065 | ng/ul# | 98           |
| 15) Phenanthrene           | 17.19 | 178  | 13820    | 0.433 | ng/ul  | 99           |
| 16) Anthracene             | 17.28 | 178  | 3982     | 0.143 | ng/ul  | 97           |
| 19) Fluoranthene           | 19.20 | 202  | 22276    | 0.576 | ng/ul  | 100          |
| 20) Pyrene                 | 19.57 | 202  | 20394    | 0.525 | ng/ul  | 98           |
| 21) Benzo(a)anthracene     | 21.30 | 228  | 12340    | 0.353 | ng/ul  | 95           |
| 22) Chrysene               | 21.36 | 228  | 10362    | 0.265 | ng/ul  | 96           |
| 24) Benzo(b)fluoranthene   | 22.89 | 252  | 13282m   | 0.316 | ng/ul  | } 74 6/30/21 |
| 25) Benzo(k)fluoranthene   | 22.93 | 252  | 5305m    | 0.122 | ng/ul  |              |
| 26) Benzo(a)pyrene         | 23.47 | 252  | 9177     | 0.257 | ng/ul  | 97           |
| 27) Indeno(1,2,3-cd)pyrene | 25.85 | 276  | 5727     | 0.123 | ng/ul# | 95           |
| 28) Dibenzo(a,h)anthracene | 25.85 | 278  | 1747     | 0.047 | ng/ul# | 48           |
| 29) Benzo(a,h,i)perylene   | 26.55 | 276  | 4559     | 0.113 | ng/ul# | 90           |

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