

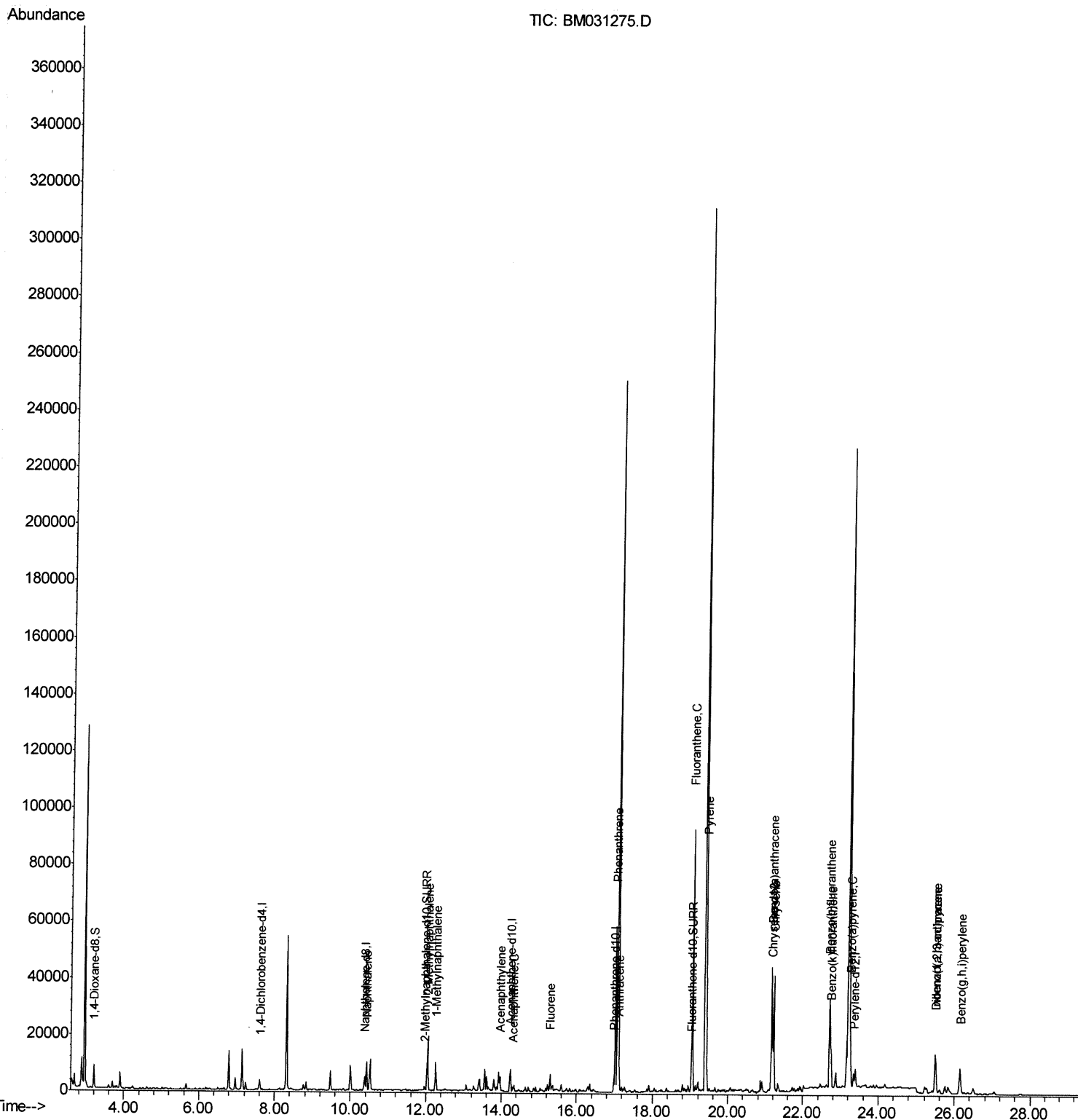
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\  
Data File : BM031275.D  
Acq On : 30 Jul 2021 12:30  
Operator : CG/JU  
Sample : M3084-04  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0024

Quant Time: Jul 30 13:04:21 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 Jul 30 09:57:24 2021  
Response via : Initial Calibration

Manual Integrations  
APPROVED

mohammad  
8/2/2021 3:39:59 PM



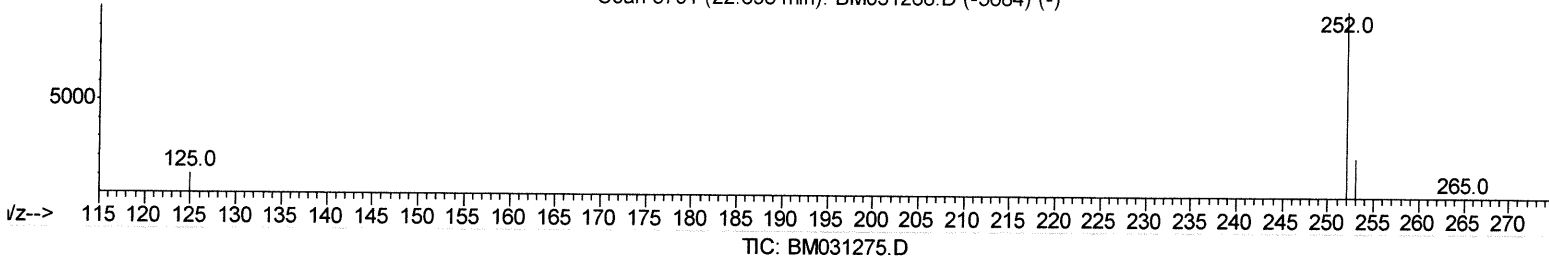
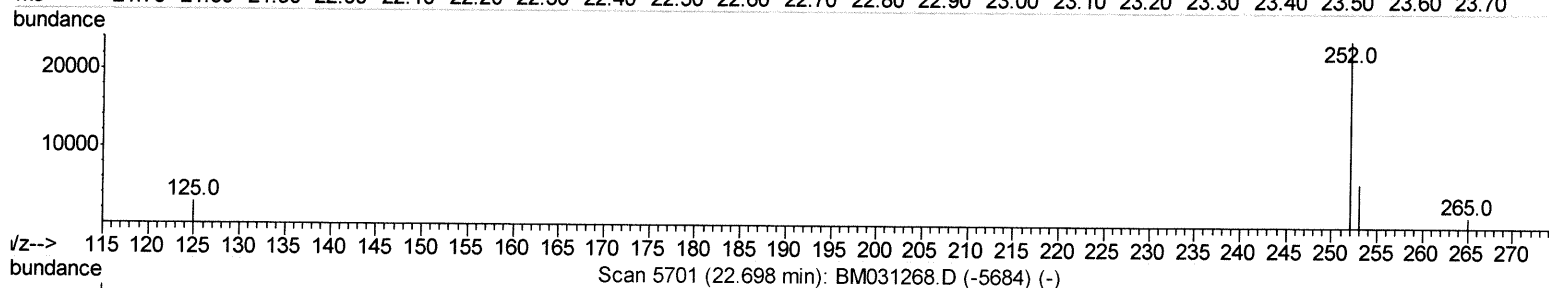
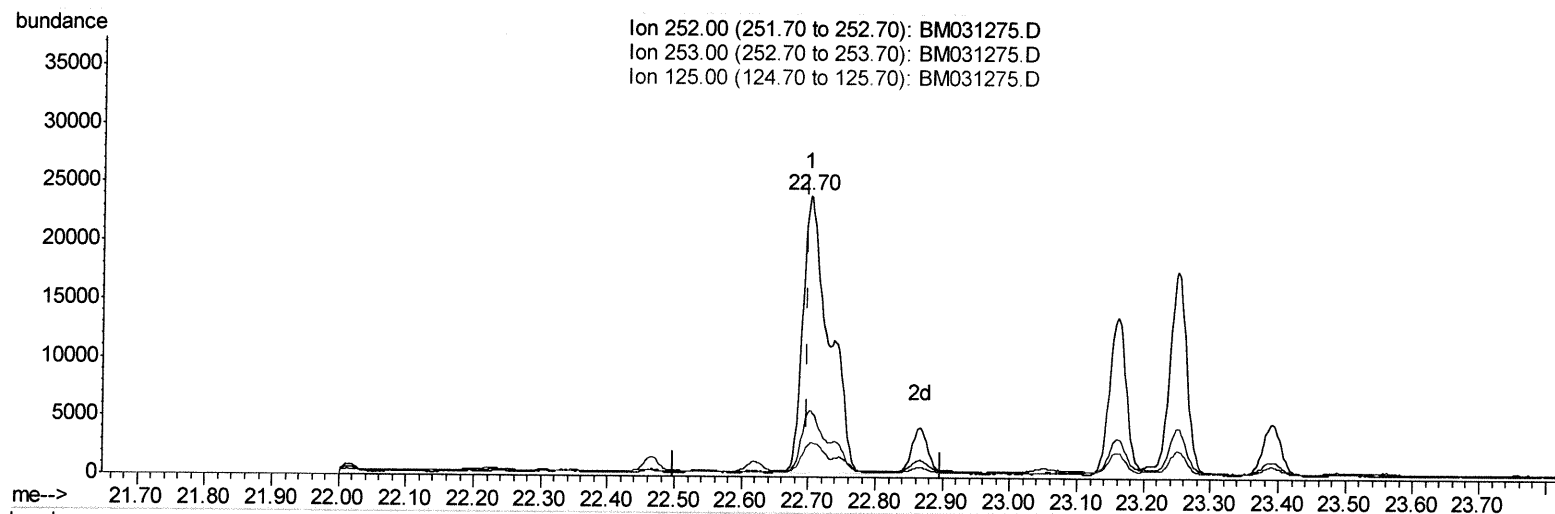
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Quant Time: Jul 30 13:01:54 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M  
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(24) Benzo(b)fluoranthene

22.701min (+0.002) 2.50ng/ul

response 64856

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.50 | 23.83 |
| 125.00 | 11.40 | 11.88 |
| 0.00   | 0.00  | 0.00  |

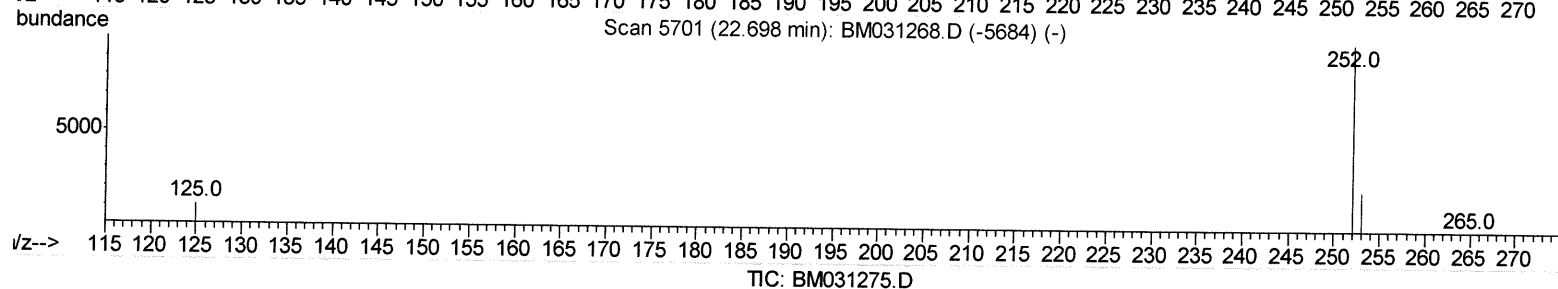
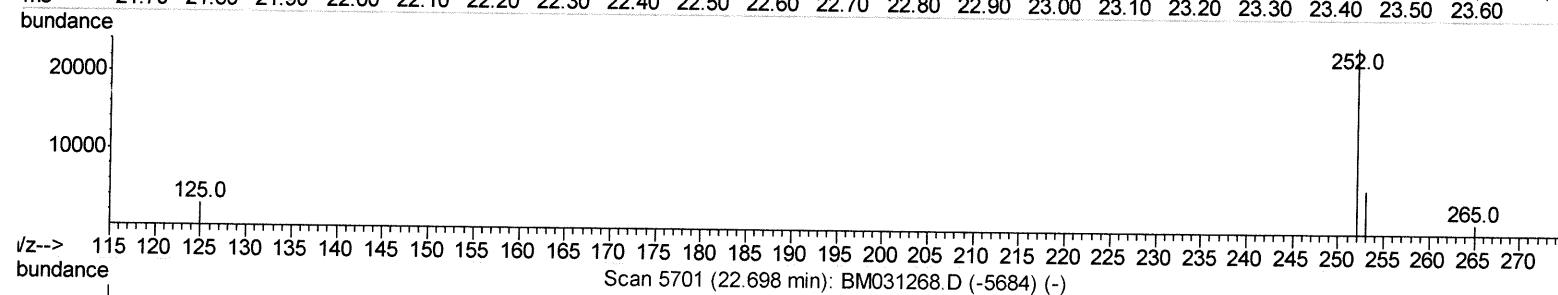
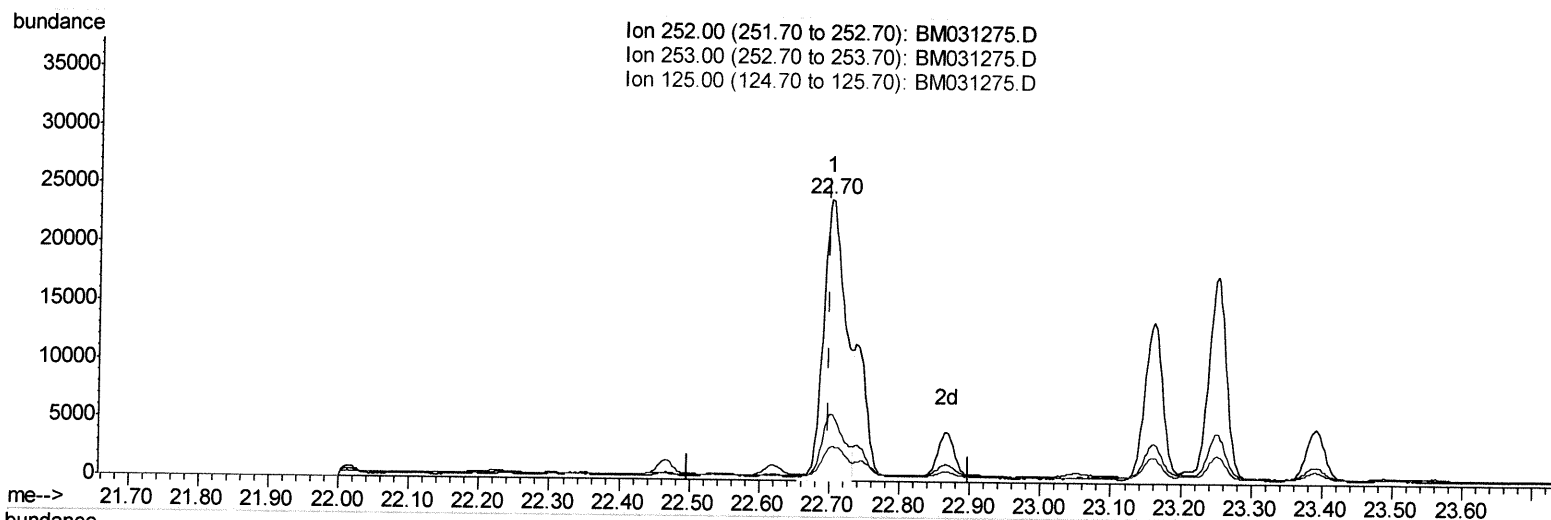
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Instrument :  
 BNA\_M  
 ClientSampled :  
 C0024

Manual Integrations  
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 QLast Update : Fri Jul 30 09:57:24 2021  
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(24) Benzo(b)fluoranthene

22.701min (+0.002) 2.00ng/ul m

response 51977

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.50 | 23.83 |
| 125.00 | 11.40 | 11.88 |
| 0.00   | 0.00  | 0.00  |

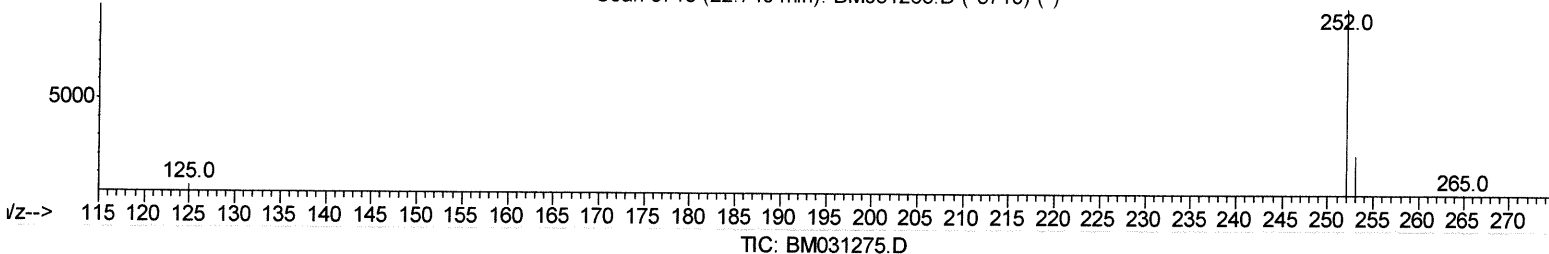
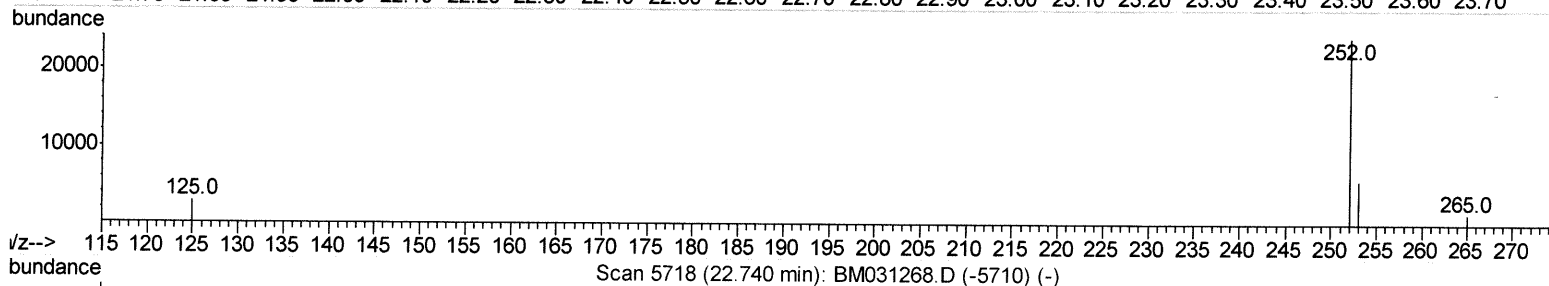
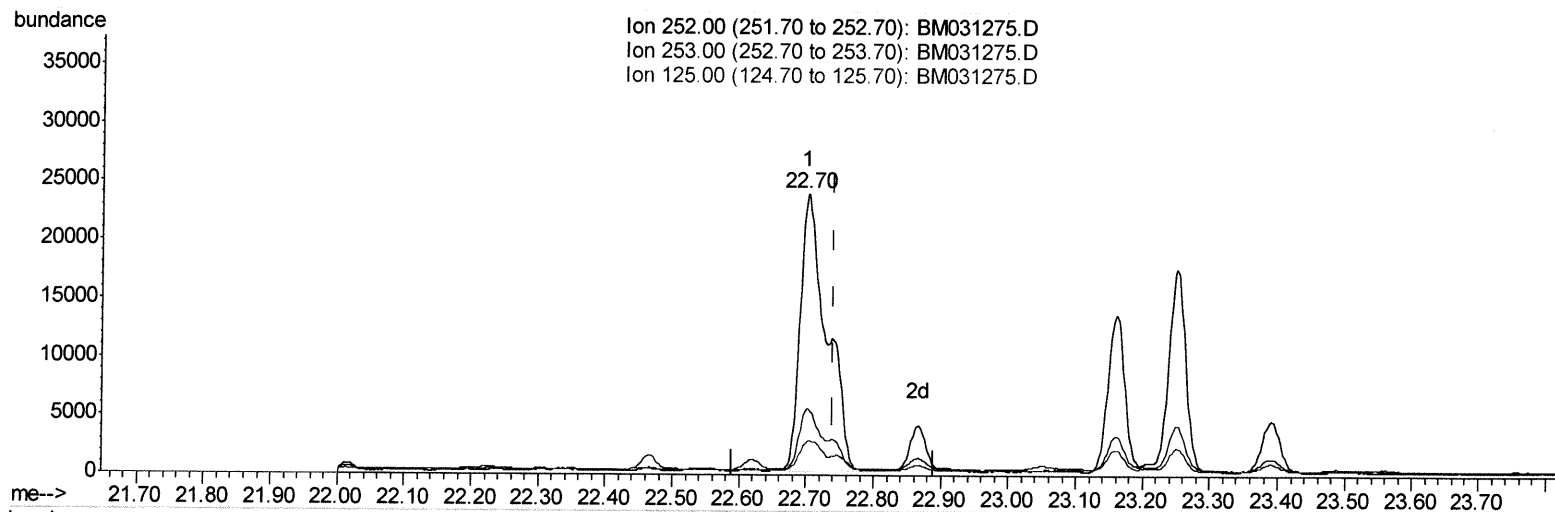
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 Data File : BM031275.D  
 Acq On : 30 Jul 2021 12:30  
 Operator : CG/JU  
 Sample : M3084-04  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0024

Manual Integrations  
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(25) Benzo(k)fluoranthene

22.701min (-0.039) 2.42ng/ul

response 64856

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 26.60 | 23.83 |
| 125.00 | 11.00 | 11.88 |
| 0.00   | 0.00  | 0.00  |

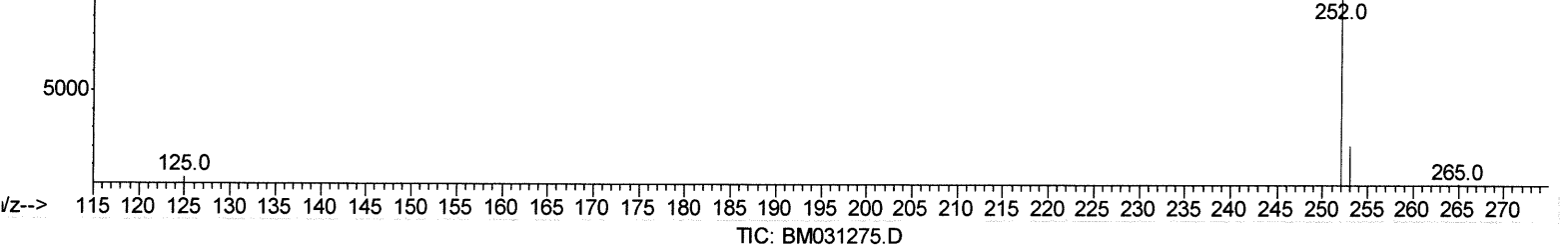
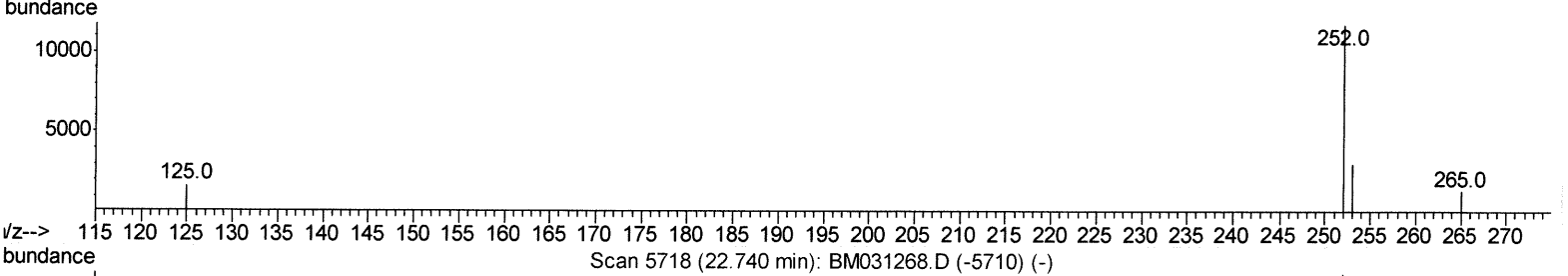
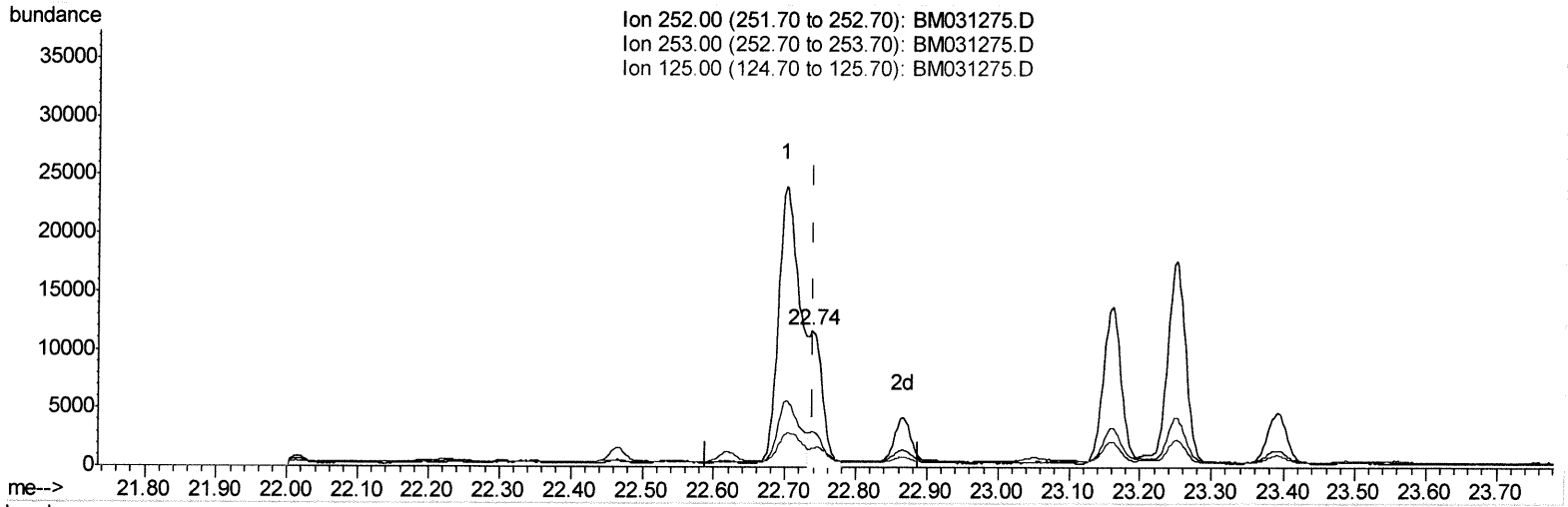
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 Data File : BM031275.D  
 Acq On : 30 Jul 2021 12:30  
 Operator : CG/JU  
 Sample : M3084-04  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0024

Manual Integrations  
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(25) Benzo(k)fluoranthene

22.737min (-0.002) 0.57ng/ul m

*Handwritten:* 748/8/21

response 15324

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 25.88  |
| 125.00 | 11.00 | 13.97# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\  
 Data File : BM031275.D  
 Acq On : 30 Jul 2021 12:30  
 Operator : CG/JU  
 Sample : M3084-04  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0024

Manual Integrations  
 APPROVED

mohammad  
 8/2/2021 3:39:59 PM

Quant Time: Jul 30 13:04:21 2021  
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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)   |
|-----------------------------|-------|------|----------|-------|--------|------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.61  | 152  | 1629     | 0.40  | ng/ul  | 0.00       |
| 4) Naphthalene-d8           | 10.37 | 136  | 6095     | 0.40  | ng/ul  | 0.00       |
| 9) Acenaphthene-d10         | 14.24 | 164  | 3779     | 0.40  | ng/ul  | 0.00       |
| 13) Phenanthrene-d10        | 16.99 | 188  | 7055     | 0.40  | ng/ul  | 0.00       |
| 17) Chrysene-d12            | 21.18 | 240  | 6086     | 0.40  | ng/ul  | 0.00       |
| 23) Perylene-d12            | 23.35 | 264  | 5759     | 0.40  | ng/ul  | 0.00       |
| System Monitoring Compounds |       |      |          |       |        |            |
| 3) 1,4-Dioxane-d8           | 3.20  | 96   | 4862     | 2.69  | ng/ul  | 0.00       |
| 6) 2-Methylnaphthalene-d10  | 11.97 | 152  | 1656     | 0.16  | ng/ul  | 0.00       |
| 18) Fluoranthene-d10        | 19.02 | 212  | 3573     | 0.18  | ng/ul  | 0.00       |
| Target Compounds            |       |      |          |       |        |            |
|                             |       |      |          |       | Ovalue |            |
| 5) Naphthalene              | 10.42 | 128  | 12696    | 0.699 | ng/ul  | 98         |
| 7) 2-Methylnaphthalene      | 12.04 | 142  | 12387    | 0.999 | ng/ul  | 100        |
| 8) 1-Methylnaphthalene      | 12.26 | 142  | 6687     | 0.546 | ng/ul  | 99         |
| 10) Acenaphthylene          | 13.96 | 152  | 4877     | 0.303 | ng/ul  | 94         |
| 11) Acenaphthene            | 14.30 | 153  | 1266     | 0.093 | ng/ul  | 96         |
| 12) Fluorene                | 15.30 | 166  | 3229     | 0.207 | ng/ul# | 94         |
| 15) Phenanthrene            | 17.03 | 178  | 61265    | 2.735 | ng/ul  | 97         |
| 16) Anthracene              | 17.12 | 178  | 8946     | 0.427 | ng/ul  | 100        |
| 19) Fluoranthene            | 19.05 | 202  | 77625    | 2.987 | ng/ul  | 98         |
| 20) Pyrene                  | 19.41 | 202  | 63204    | 2.398 | ng/ul  | 97         |
| 21) Benzo(a)anthracene      | 21.16 | 228  | 35335    | 1.438 | ng/ul  | 95         |
| 22) Chrysene                | 21.21 | 228  | 40057    | 1.575 | ng/ul  | 97         |
| 24) Benzo(b)fluoranthene    | 22.70 | 252  | 51977m   | 2.003 | ng/ul  | 74 8/31 21 |
| 25) Benzo(k)fluoranthene    | 22.74 | 252  | 15324m   | 0.572 | ng/ul  |            |
| 26) Benzo(a)pyrene          | 23.25 | 252  | 30402    | 1.338 | ng/ul  | 93         |
| 27) Indeno(1,2,3-cd)pyrene  | 25.49 | 276  | 20931    | 0.713 | ng/ul# | 99         |
| 28) Dibenzo(a,h)anthracene  | 25.49 | 278  | 5718     | 0.242 | ng/ul# | 83         |
| 29) Benzo(a,h,i)perylene    | 26.15 | 276  | 18094    | 0.722 | ng/ul  | 97         |

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