

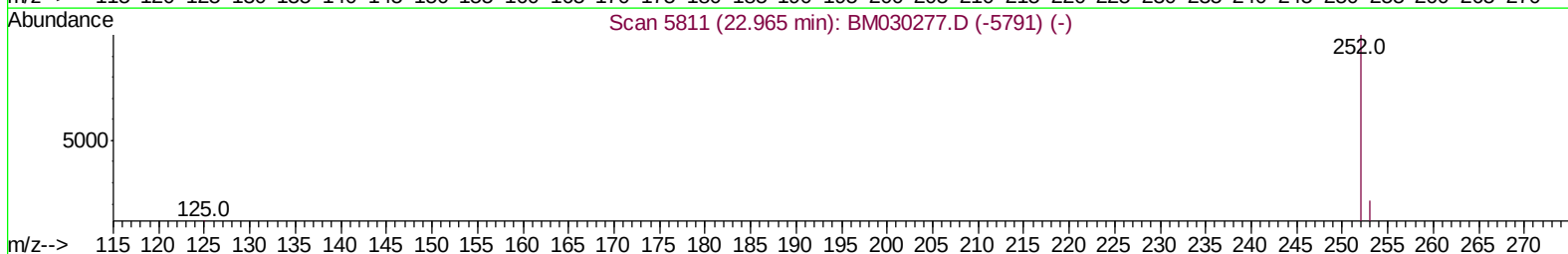
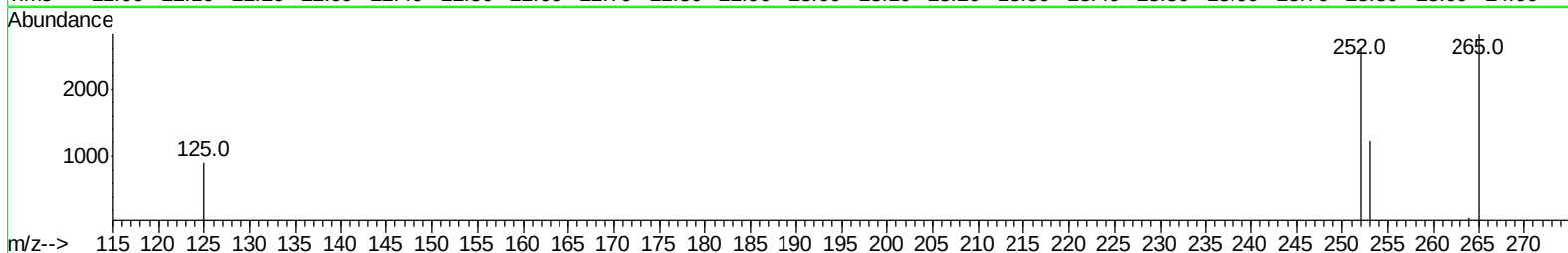
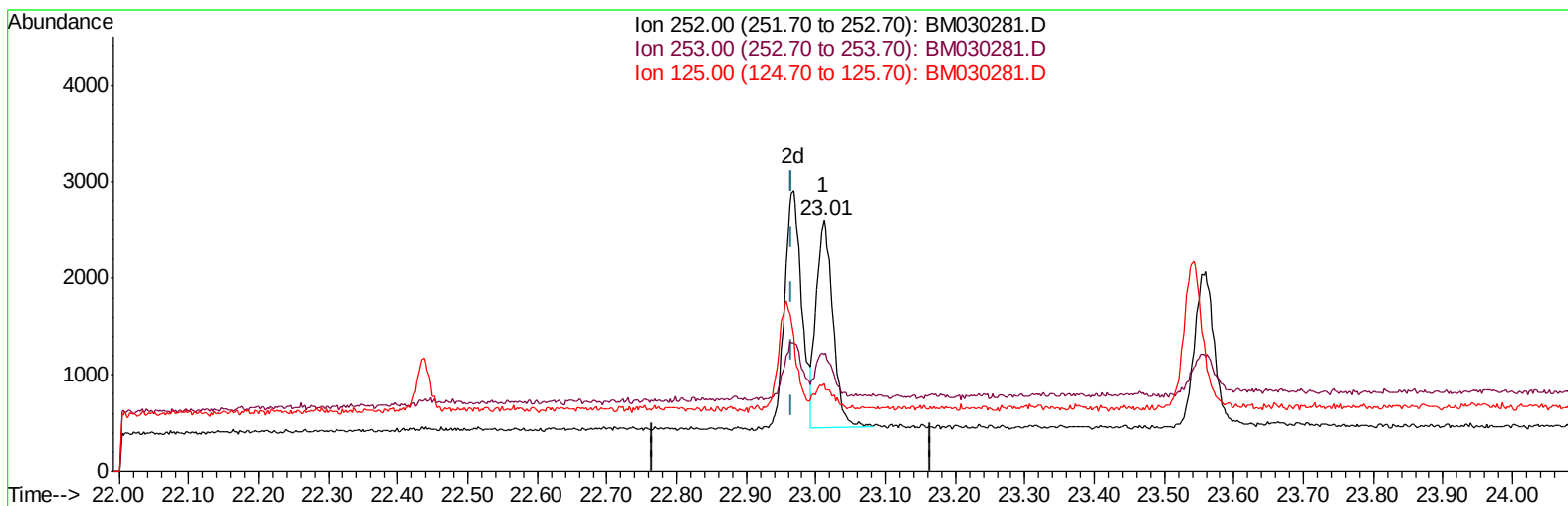
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM060321\  
Data File : BM030281.D  
Acq On : 03 Jun 2021 12:46  
Operator : CG/JU  
Sample : M2250-03  
Misc : SFAM-SIM-S-MDL-01  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-SOIL-QT3-2021-05

Manual Integrations  
APPROVED

mohammad  
6/3/2021 5:06:42 PM

Quant Time: Jun 03 13:19:00 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM060121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 03 10:49:01 2021  
Response via : Initial Calibration



TIC: BM030281.D

(24) Benzo(b)fluoranthene

23.011min (+0.046) 0.07ng/ul

response 3582

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 28.70 | 46.90 |
| 125.00 | 19.00 | 34.86 |
| 0.00   | 0.00  | 0.00  |

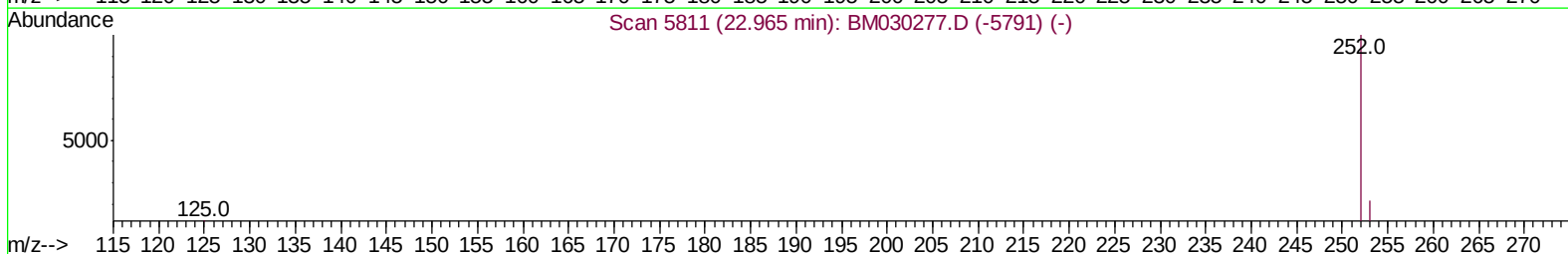
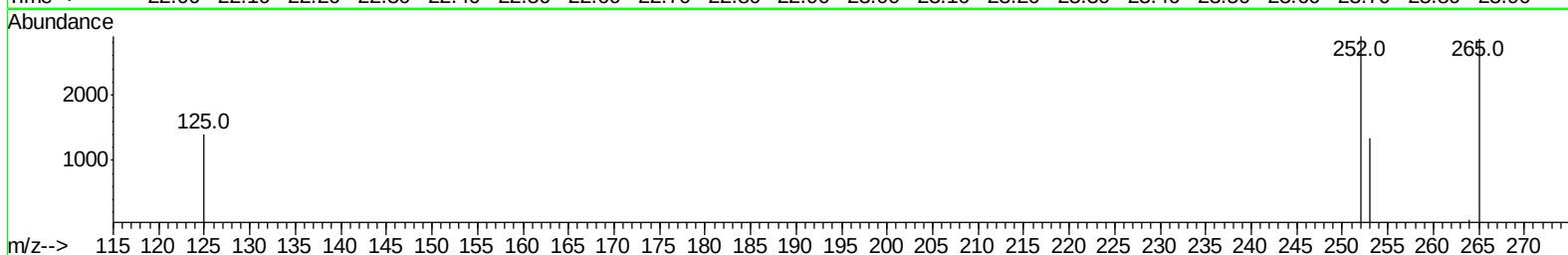
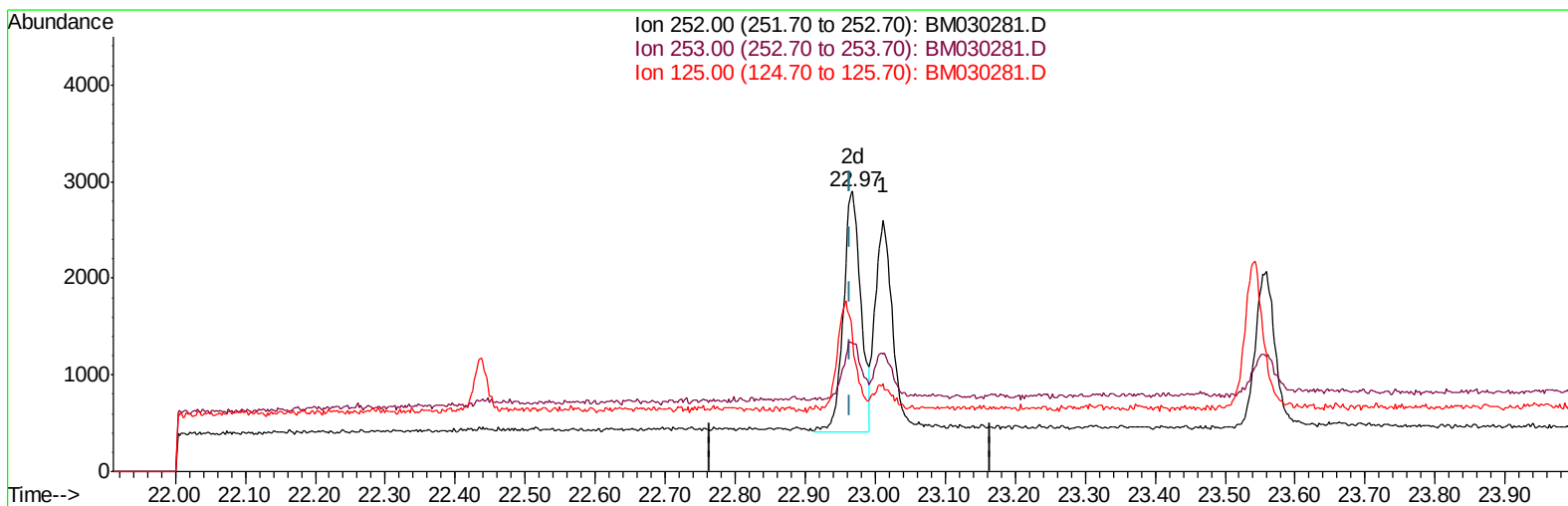
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TIC: BM030281.D

(24) Benzo(b)fluoranthene

22.968min (+0.002) 0.08ng/ul m

response 4360

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 28.70 | 45.88  |
| 125.00 | 19.00 | 48.22# |
| 0.00   | 0.00  | 0.00   |

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Manual Integrations  
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Quant Time: Jun 03 13:20:27 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM060121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 03 10:49:01 2021  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.86  | 152  | 5017     | 0.40   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.65 | 136  | 17891    | 0.40   | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.49 | 164  | 9747     | 0.40   | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.21 | 188  | 19338    | 0.40   | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.37 | 240  | 12485    | 0.40   | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.66 | 264  | 10666    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.33  | 96   | 2615     | 0.53   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.24 | 152  | 7210     | 0.28   | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.23 | 212  | 12210    | 0.29   | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 2) 1,4-Dioxane              | 3.37  | 88   | 318      | 0.060  | ng/ul# | 79       |
| 5) Naphthalene              | 10.70 | 128  | 3668     | 0.069  | ng/ul  | 95       |
| 7) 2-Methylnaphthalene      | 12.31 | 142  | 2525     | 0.071  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.53 | 142  | 2140     | 0.062  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.20 | 152  | 2975     | 0.064  | ng/ul  | 96       |
| 11) Acenaphthene            | 14.54 | 153  | 2596     | 0.066  | ng/ul  | 98       |
| 12) Fluorene                | 15.53 | 166  | 2946     | 0.066  | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.87 | 266  | 390      | 0.065  | ng/ul  | 97       |
| 15) Phenanthrene            | 17.26 | 178  | 4708     | 0.067  | ng/ul  | 97       |
| 16) Anthracene              | 17.35 | 178  | 3896     | 0.065  | ng/ul  | 96       |
| 19) Fluoranthene            | 19.26 | 202  | 4741     | 0.075  | ng/ul  | 98       |
| 20) Pyrene                  | 19.63 | 202  | 4715     | 0.073  | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 21.36 | 228  | 3419     | 0.068  | ng/ul  | 99       |
| 22) Chrysene                | 21.41 | 228  | 3892     | 0.072  | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.97 | 252  | 4360m    | 0.082  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.01 | 252  | 3582     | 0.071  | ng/ul# | 65       |
| 26) Benzo(a)pyrene          | 23.56 | 252  | 3252     | 0.076  | ng/ul# | 41       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.97 | 276  | 3707     | 0.065  | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.99 | 278  | 2906     | 0.063  | ng/ul# | 70       |
| 29) Benzo(a,h,i)perylene    | 26.68 | 276  | 3226     | 0.065  | ng/ul# | 89       |

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

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