

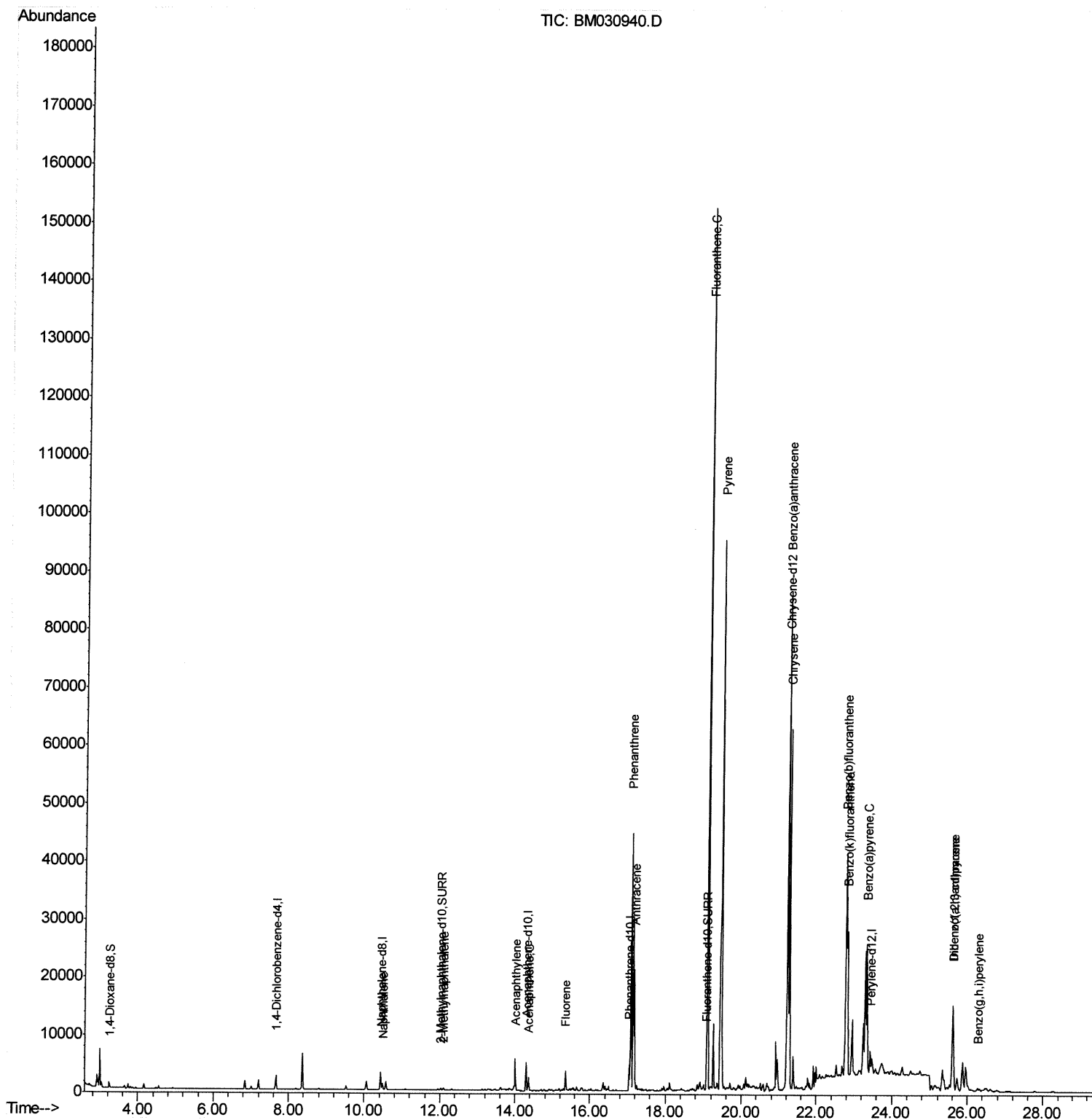
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071321\  
Data File : BM030940.D  
Acq On : 13 Jul 2021 20:53  
Operator : CG/JU  
Sample : M2878-12DL 5X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGE03DL

Manual Integrations  
APPROVED

mohammad  
7/14/2021 12:16:44 PM

Quant Time: Jul 14 04:13:08 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 14 04:01:52 2021  
Response via : Initial Calibration



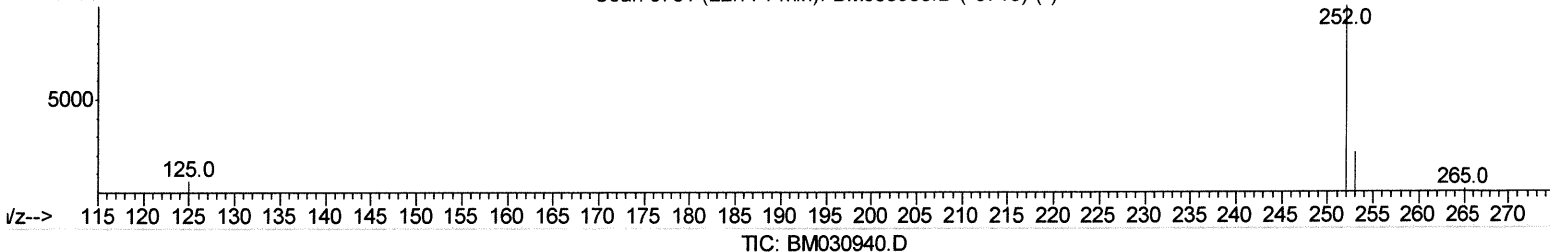
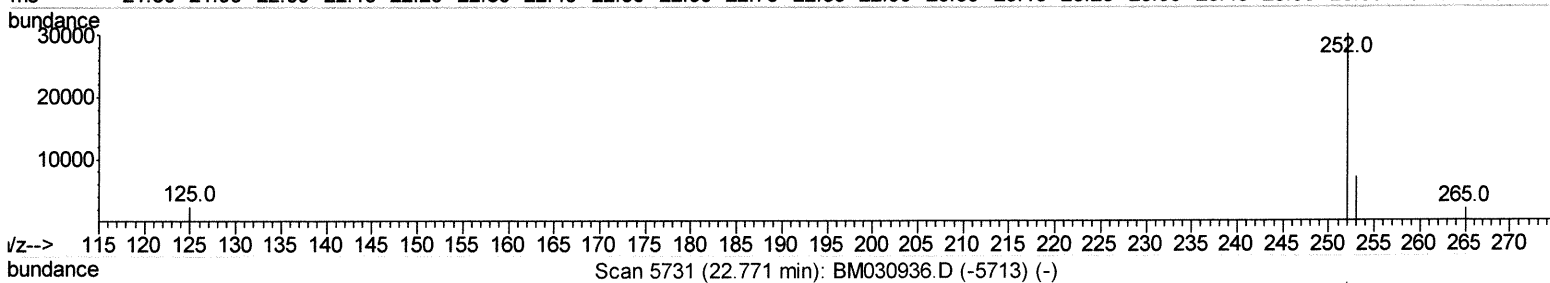
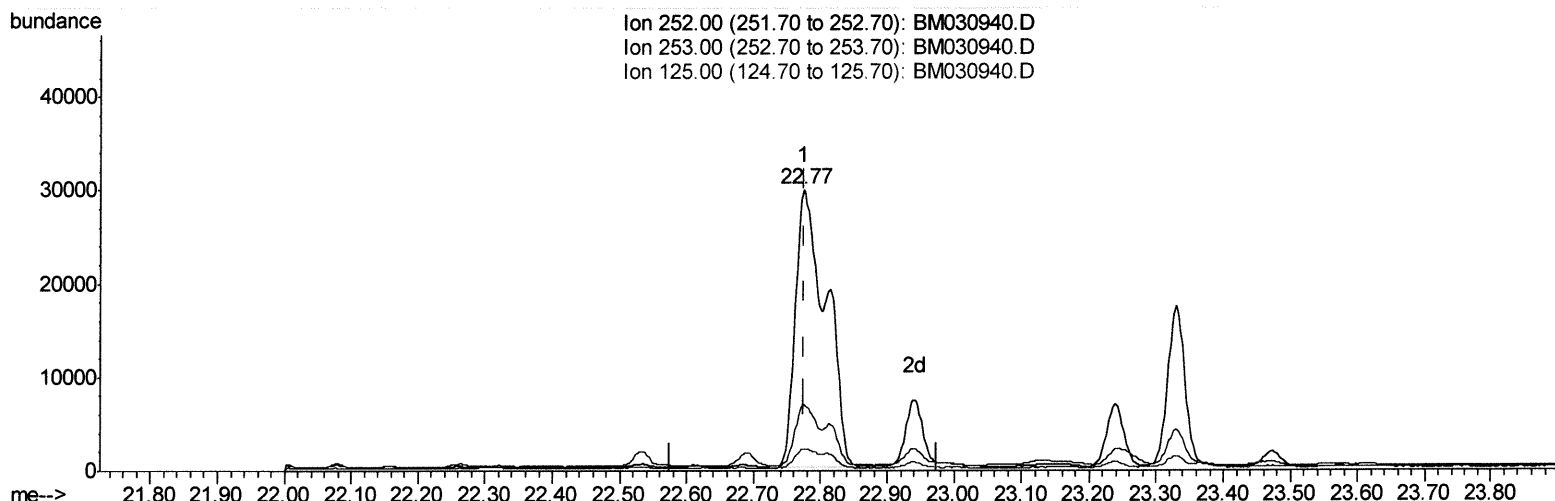
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(24) Benzo(b)fluoranthene

22.774min (-0.002) 3.85ng/ul

response 94268

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 31.00 | 23.61 |
| 125.00 | 11.60 | 7.82  |
| 0.00   | 0.00  | 0.00  |

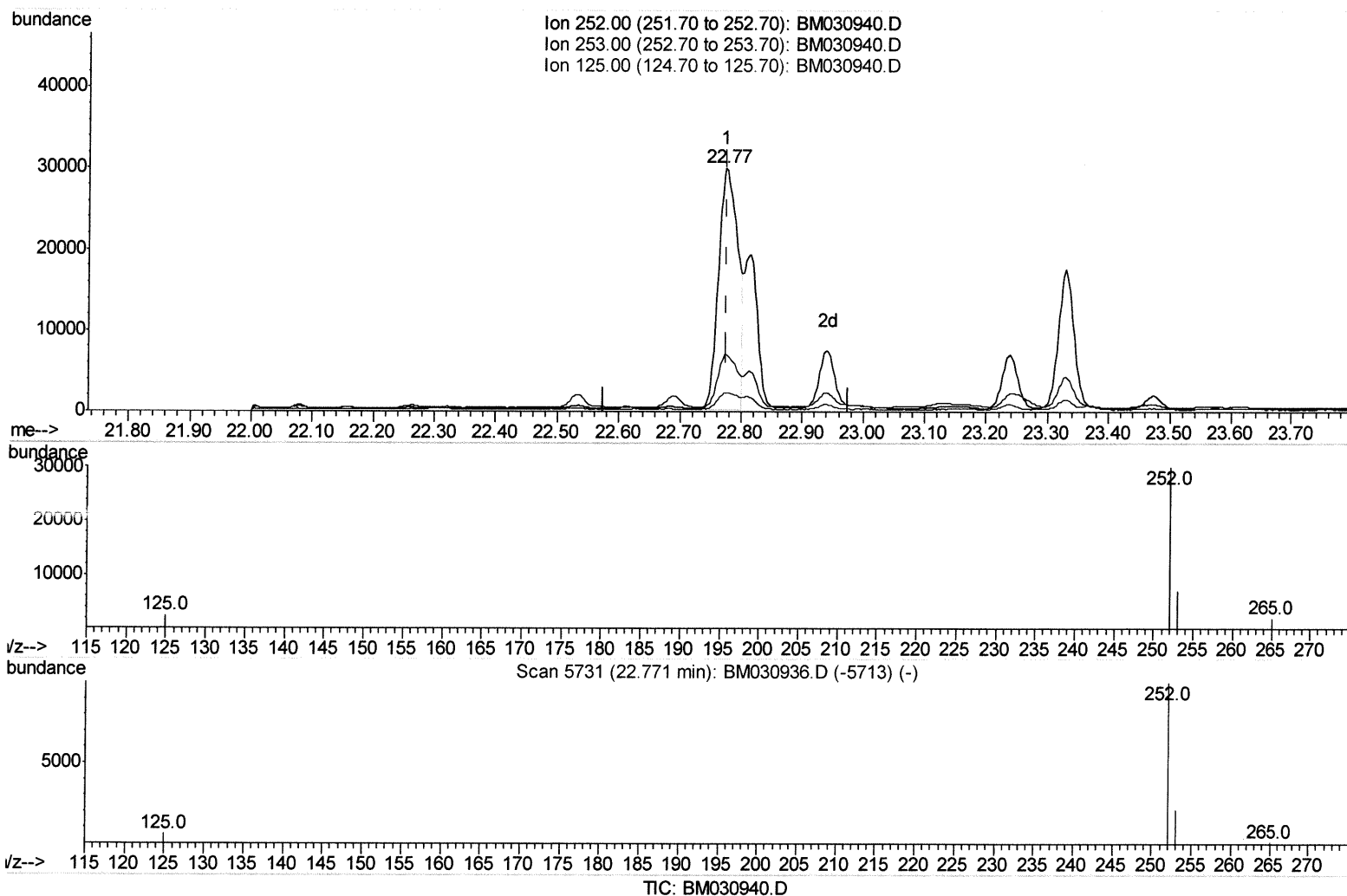
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(24) Benzo(b)fluoranthene

22.774min (-0.002) 2.65ng/ul m

response 64915

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 31.00 | 23.61 |
| 125.00 | 11.60 | 7.82  |
| 0.00   | 0.00  | 0.00  |

34,15/21

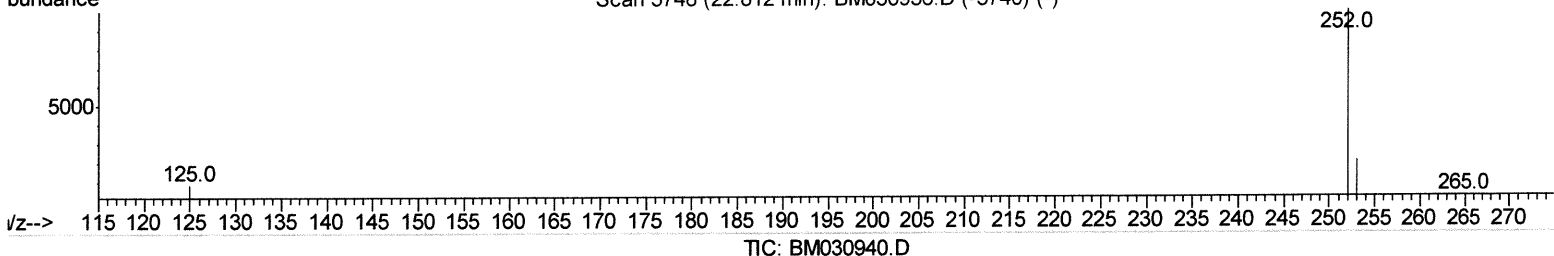
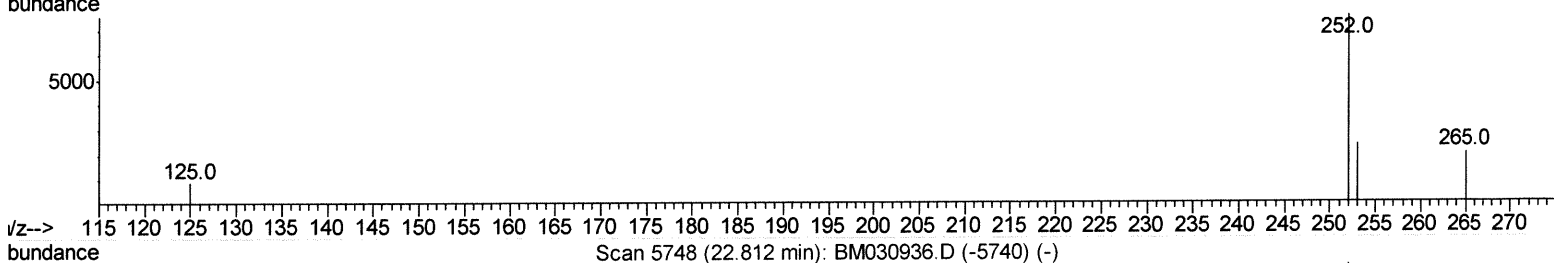
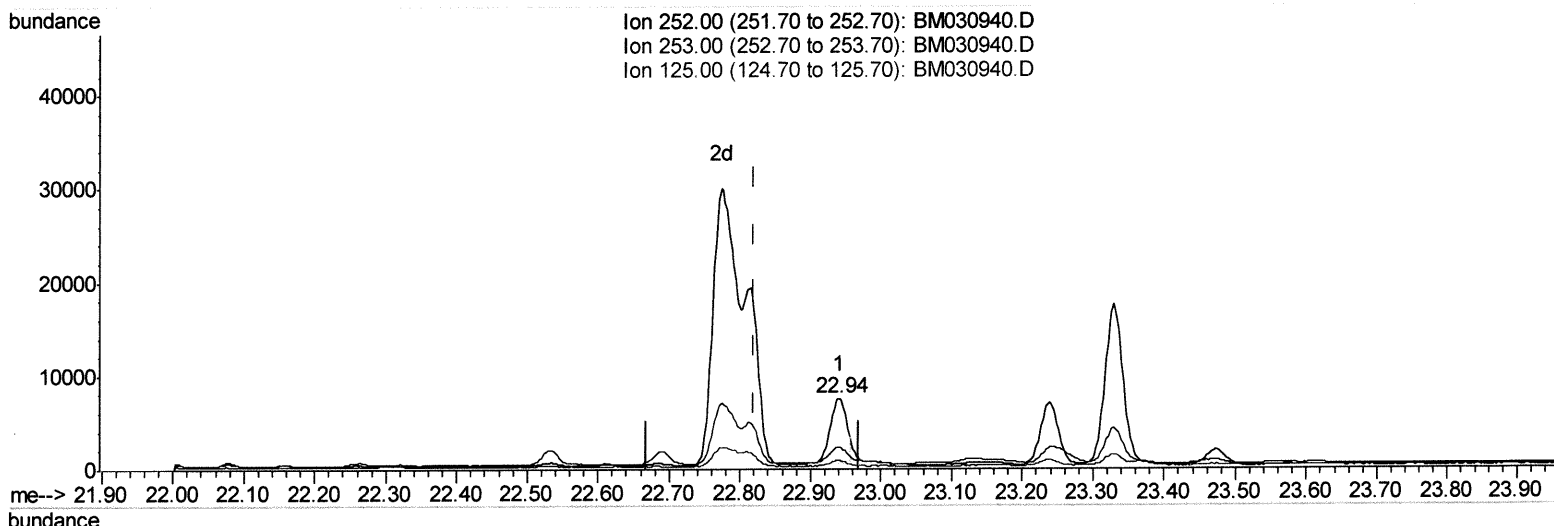
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(25) Benzo(k)fluoranthene

22.941min (+0.121) 0.46ng/ul

response 11283

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 30.40 | 31.70 |
| 125.00 | 12.30 | 11.89 |
| 0.00   | 0.00  | 0.00  |

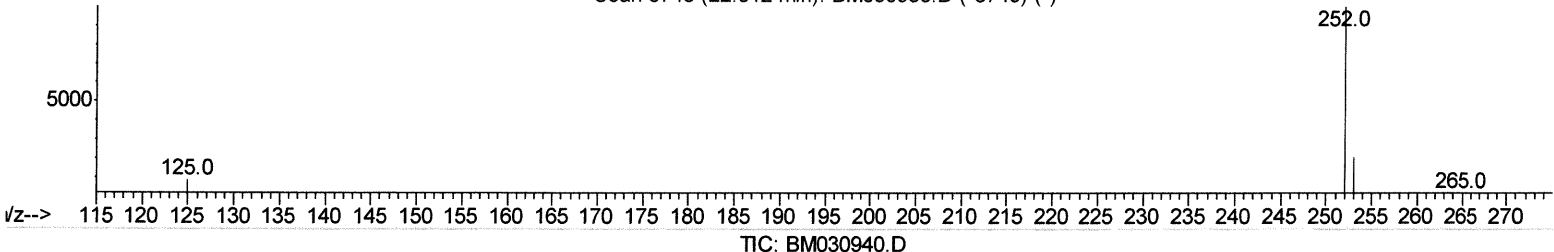
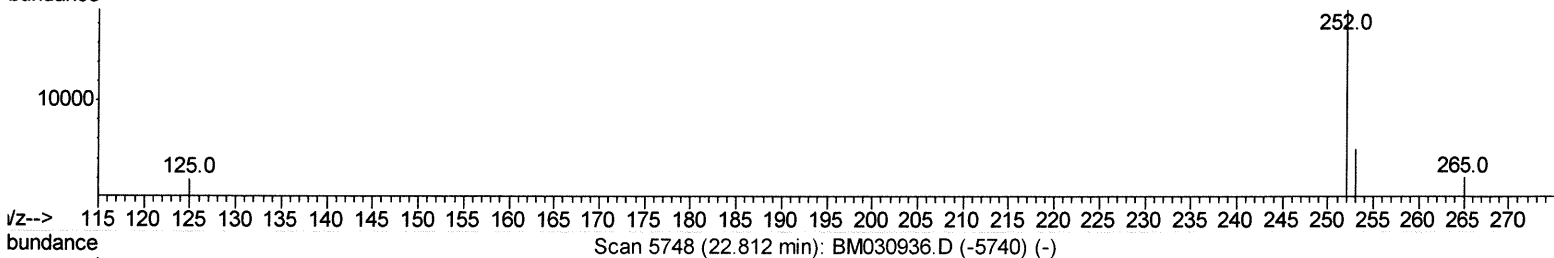
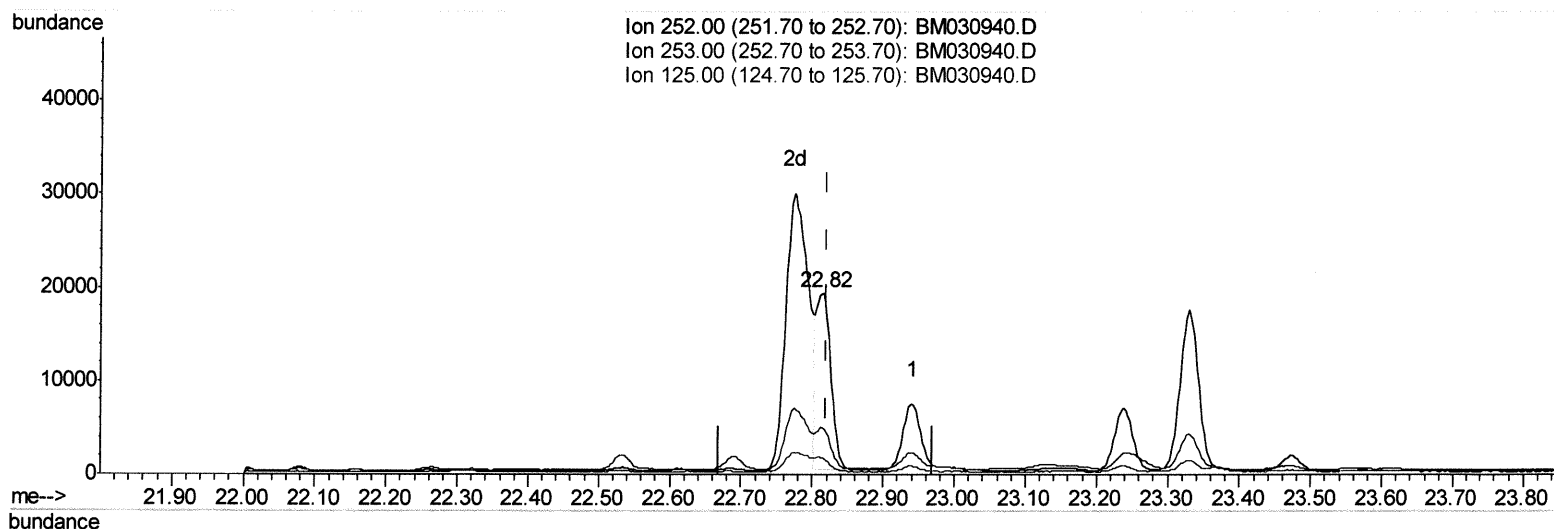
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(25) Benzo(k)fluoranthene

22.815min (-0.005) 1.18ng/ul m

response 28972

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 30.40 | 25.37 |
| 125.00 | 12.30 | 9.37# |
| 0.00   | 0.00  | 0.00  |

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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.67  | 152  | 1191     | 0.40  | ng/ul  | 0.00      |
| 4) Naphthalene-d8           | 10.44 | 136  | 4125     | 0.40  | ng/ul  | 0.00      |
| 9) Acenaphthene-d10         | 14.30 | 164  | 2675     | 0.40  | ng/ul  | 0.00      |
| 13) Phenanthrene-d10        | 17.04 | 188  | 5618     | 0.40  | ng/ul  | 0.00      |
| 17) Chrysene-d12            | 21.23 | 240  | 5081     | 0.40  | ng/ul  | 0.00      |
| 23) Perylene-d12            | 23.43 | 264  | 5059     | 0.40  | ng/ul  | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 3) 1,4-Dioxane-d8           | 3.24  | 96   | 581      | 0.47  | ng/ul  | 0.00      |
| 6) 2-Methylnaphthalene-d10  | 12.02 | 152  | 292      | 0.04  | ng/ul  | 0.00      |
| 18) Fluoranthene-d10        | 19.07 | 212  | 685      | 0.04  | ng/ul  | 0.00      |
| Target Compounds            |       |      |          |       |        |           |
|                             |       |      |          |       | Ovalue |           |
| 5) Naphthalene              | 10.49 | 128  | 1401     | 0.114 | ng/ul  | 94        |
| 7) 2-Methylnaphthalene      | 12.11 | 142  | 223      | 0.026 | ng/ul  | 99        |
| 10) Acenaphthylene          | 14.02 | 152  | 1983     | 0.151 | ng/ul  | 97        |
| 11) Acenaphthene            | 14.36 | 153  | 1331     | 0.141 | ng/ul  | 98        |
| 12) Fluorene                | 15.35 | 166  | 2138     | 0.190 | ng/ul  | 96        |
| 15) Phenanthrene            | 17.09 | 178  | 45330    | 2.571 | ng/ul  | 97        |
| 16) Anthracene              | 17.18 | 178  | 21169    | 1.252 | ng/ul  | 96        |
| 19) Fluoranthene            | 19.10 | 202  | 130214   | 5.817 | ng/ul  | 97        |
| 20) Pyrene                  | 19.47 | 202  | 83104    | 3.671 | ng/ul  | 99        |
| 21) Benzo(a)anthracene      | 21.22 | 228  | 69691    | 3.174 | ng/ul  | 97        |
| 22) Chrysene                | 21.27 | 228  | 55806    | 2.461 | ng/ul  | 98        |
| 24) Benzo(b)fluoranthene    | 22.77 | 252  | 64915m   | 2.653 | ng/ul  | } 7/14/21 |
| 25) Benzo(k)fluoranthene    | 22.82 | 252  | 28972m   | 1.177 | ng/ul  |           |
| 26) Benzo(a)pyrene          | 23.33 | 252  | 30642    | 1.441 | ng/ul# | 86        |
| 27) Indeno(1,2,3-cd)pyrene  | 25.61 | 276  | 21998    | 0.763 | ng/ul# | 99        |
| 28) Dibenzo(a,h)anthracene  | 25.62 | 278  | 8150     | 0.350 | ng/ul  | 94        |
| 29) Benzo(a,h,i)perylene    | 26.27 | 276  | 1022     | 0.042 | ng/ul# | 56        |

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