

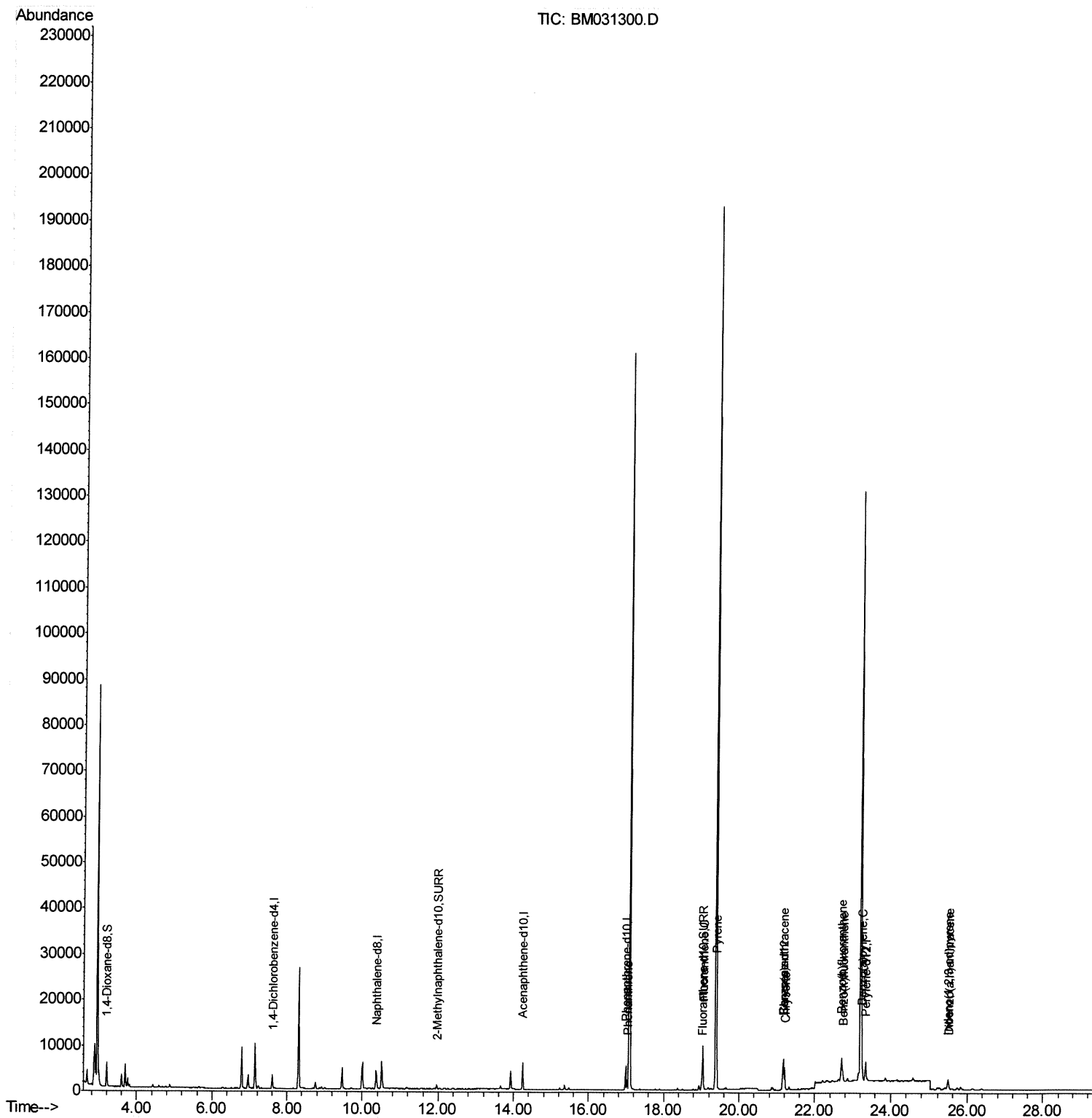
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\  
Data File : BM031300.D  
Acq On : 31 Jul 2021 07:09  
Operator : CG/JU  
Sample : M3106-05  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGD19

Quant Time: Jul 31 07:49:41 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 : Sat Jul 31 06:03:25 2021  
Response via : Initial Calibration

Manual Integrations  
APPROVED

mohammad  
8/2/2021 3:41:02 PM



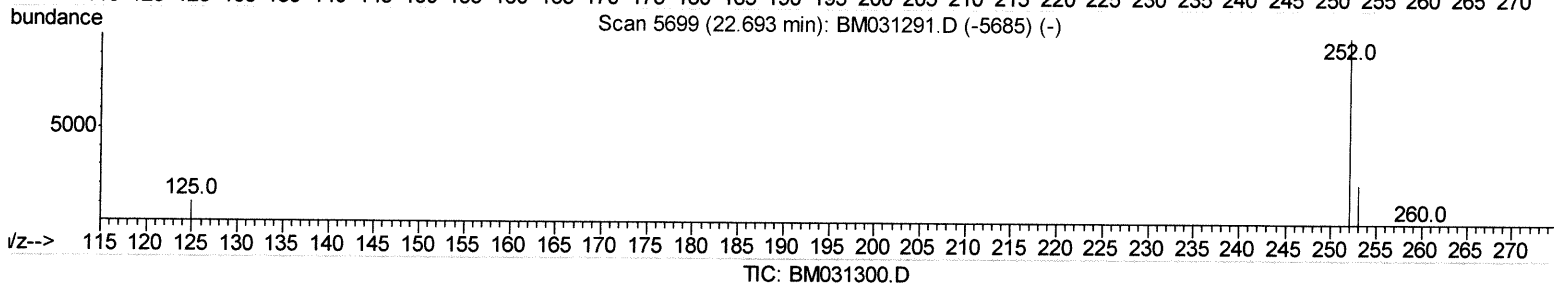
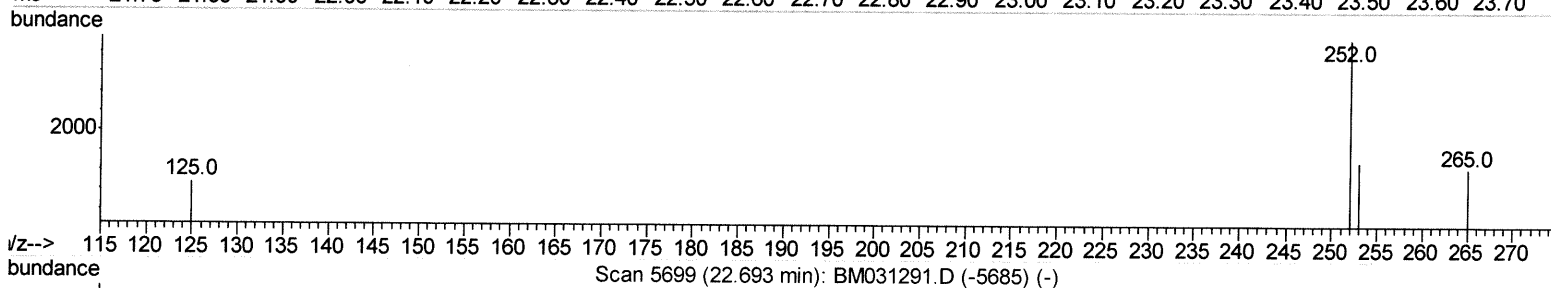
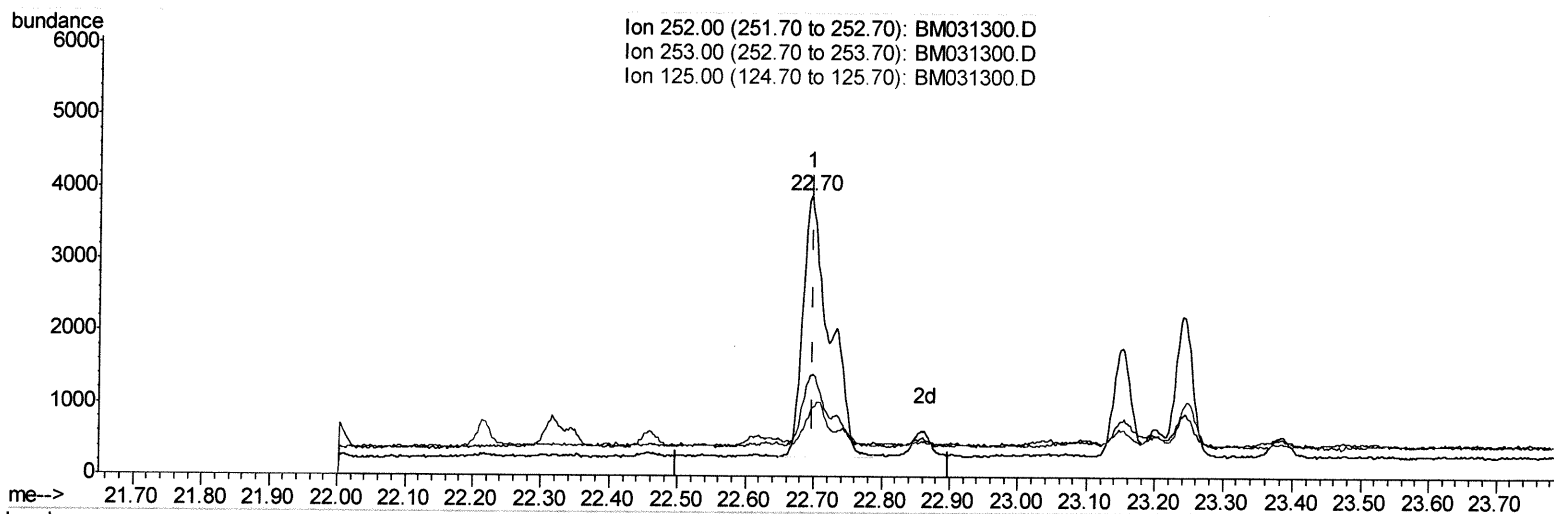
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Quant Time: Jul 31 07:46:49 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M  
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(24) Benzo(b)fluoranthene

22.696min (-0.002) 0.42ng/ul

response 9882

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.50 | 35.78  |
| 125.00 | 11.40 | 24.06# |
| 0.00   | 0.00  | 0.00   |

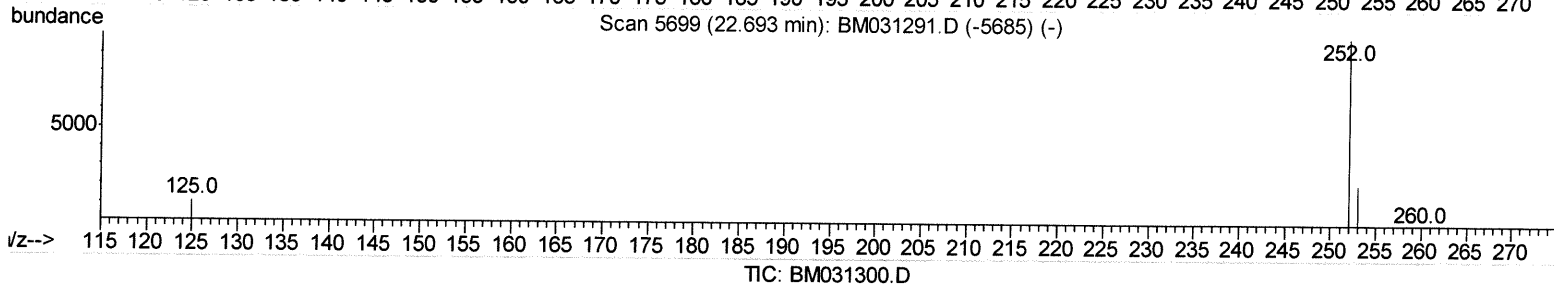
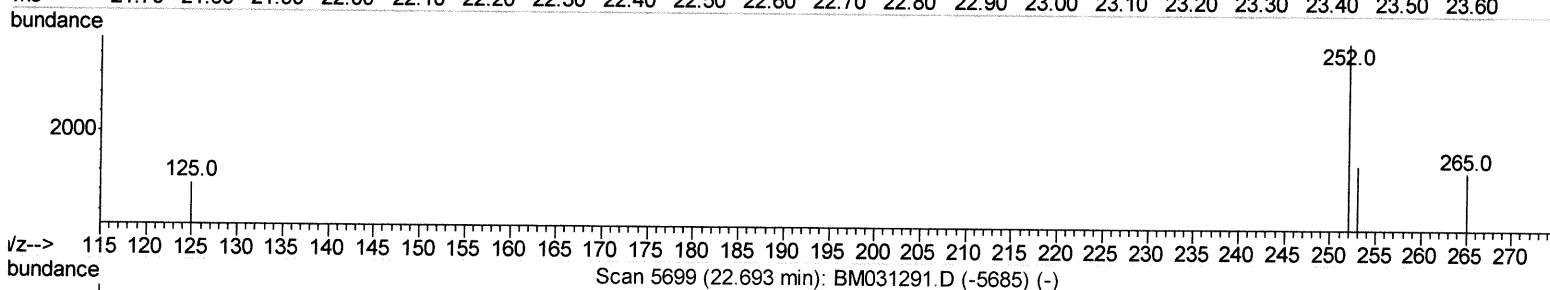
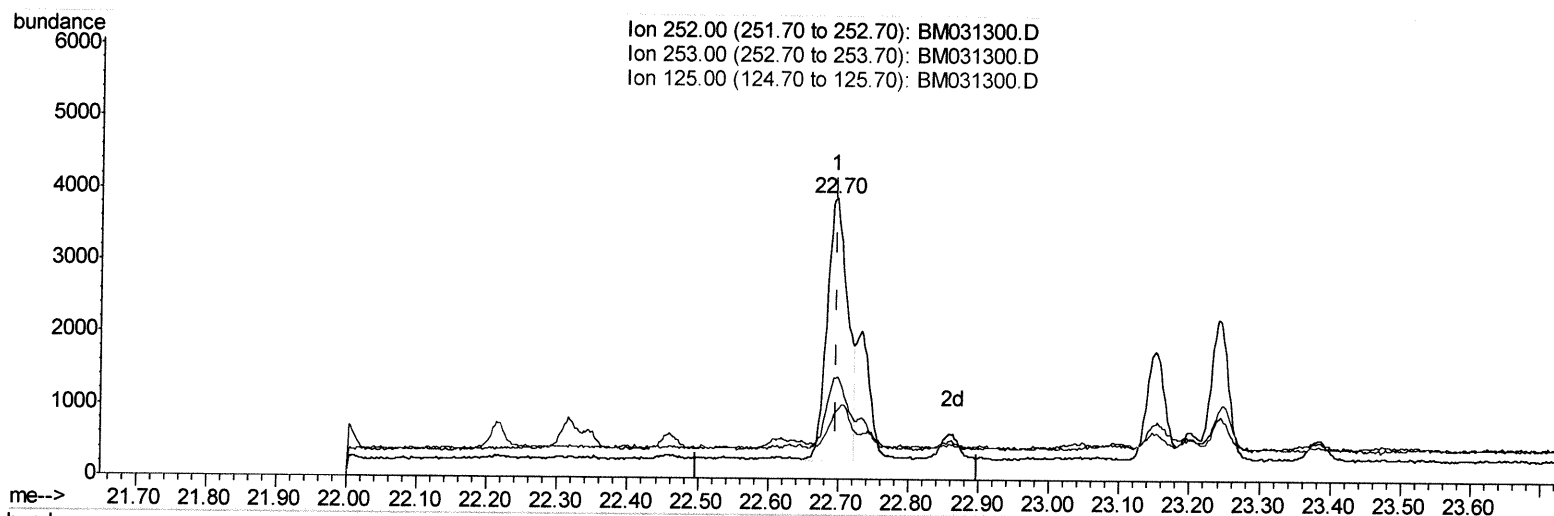
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(24) Benzo(b)fluoranthene

22.696min (-0.002) 0.32ng/ul m

response 7490

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.50 | 35.78  |
| 125.00 | 11.40 | 24.06# |
| 0.00   | 0.00  | 0.00   |

*Handwritten signature/initials*

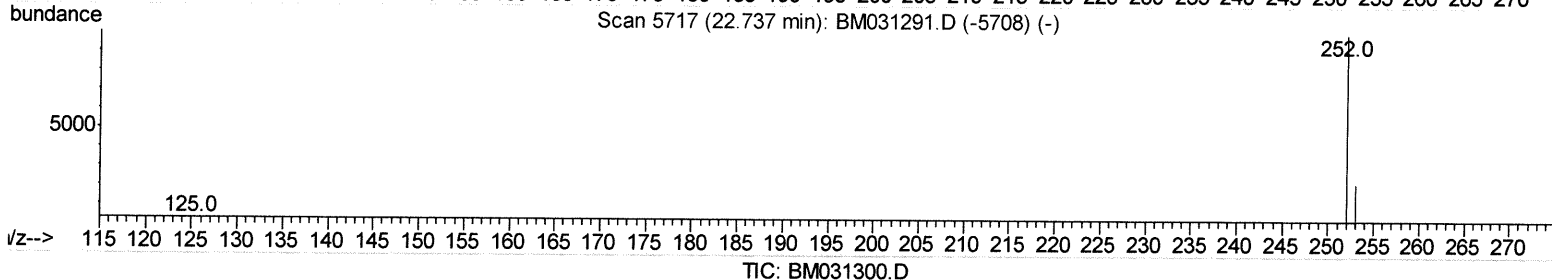
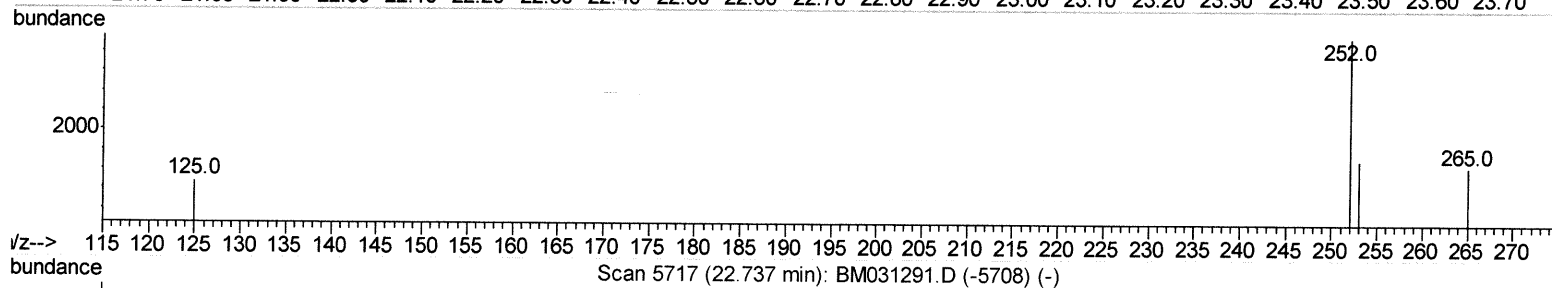
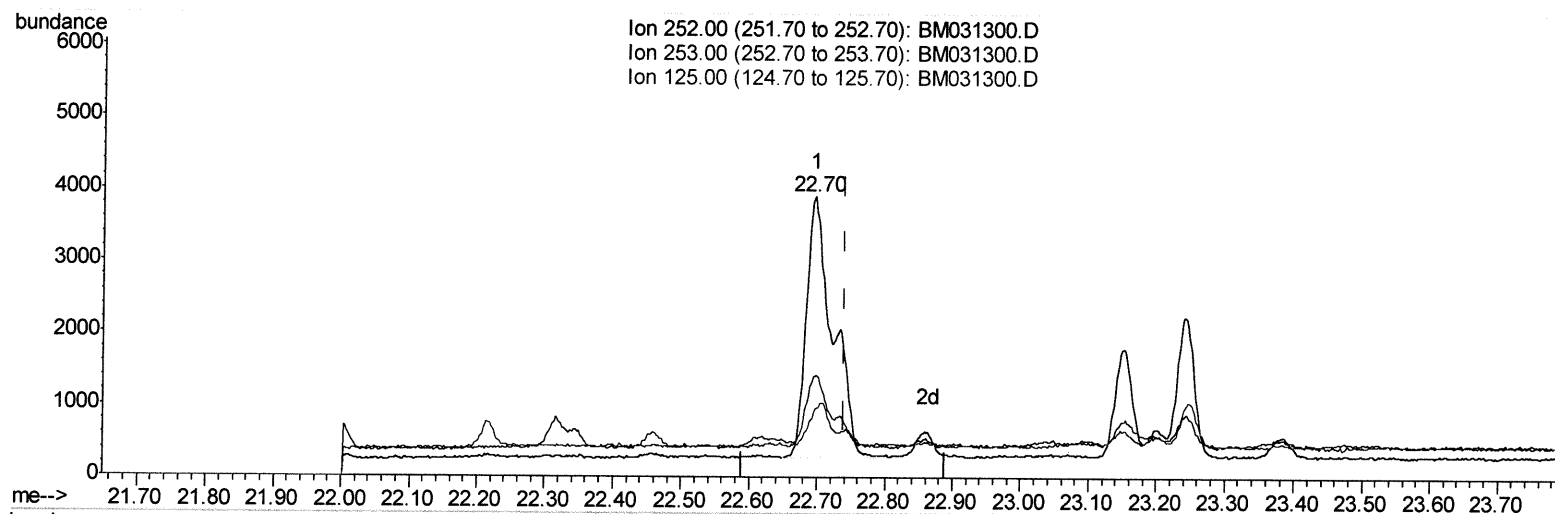
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 ALS Vial : 65 Sample Multiplier: 1

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(25) Benzo(k)fluoranthene

22.696min (-0.043) 0.40ng/ul

response 9882

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 35.78# |
| 125.00 | 11.00 | 24.06# |
| 0.00   | 0.00  | 0.00   |

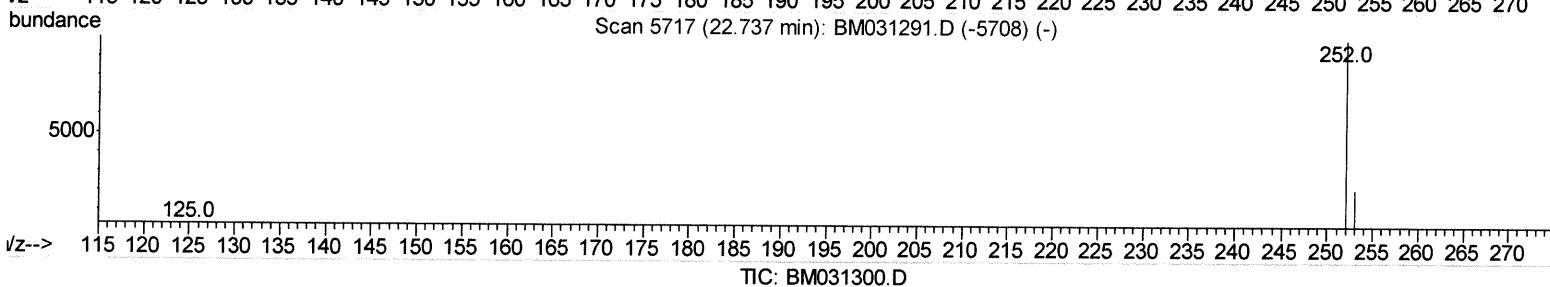
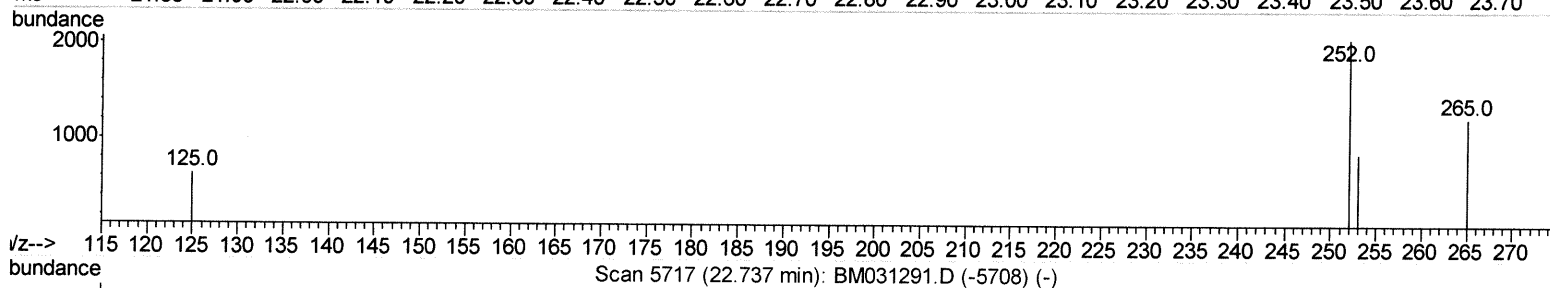
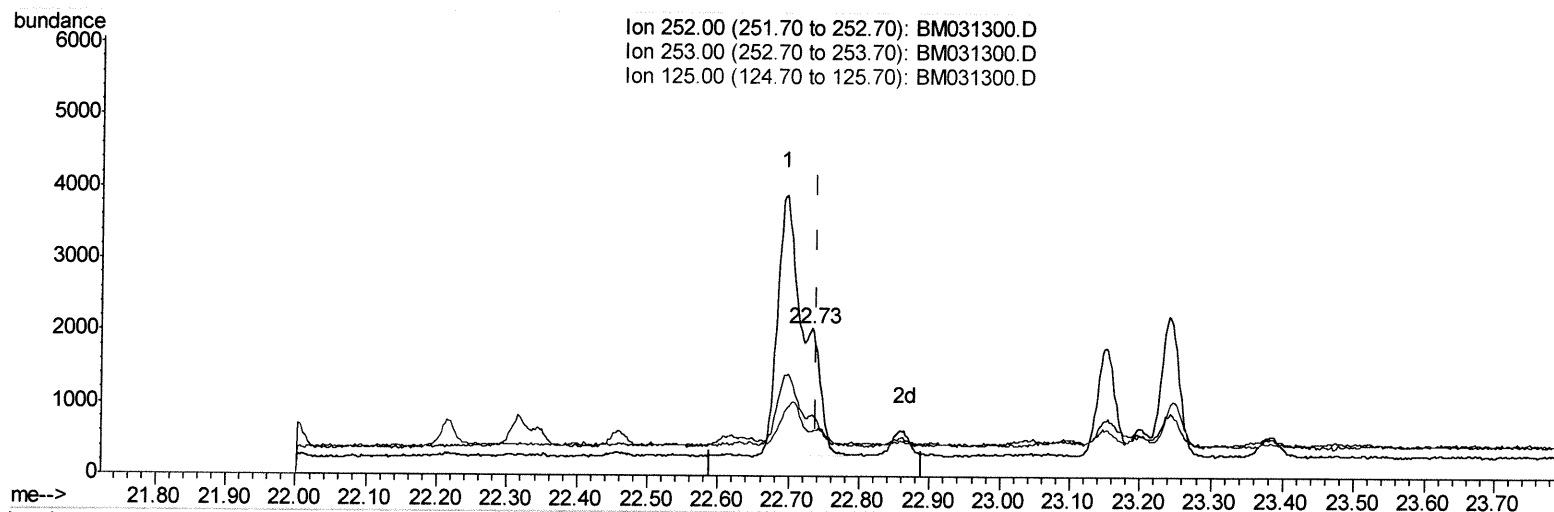
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 Operator : CG/JU  
 Sample : M3106-05  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
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(25) Benzo(k)fluoranthene

22.733min (-0.007) 0.10ng/ul m

response 2454

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 41.76# |
| 125.00 | 11.00 | 30.46# |
| 0.00   | 0.00  | 0.00   |

*ju 8/3/21*

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 Acq On : 31 Jul 2021 07:09  
 Operator : CG/JU  
 Sample : M3106-05  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.61  | 152  | 1419     | 0.40  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.37 | 136  | 5352     | 0.40  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.24 | 164  | 3195     | 0.40  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.99 | 188  | 6270     | 0.40  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.17 | 240  | 5080     | 0.40  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.33 | 264  | 5251     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.20  | 96   | 3353     | 2.13  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.97 | 152  | 1113     | 0.12  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.02 | 212  | 2318     | 0.14  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
|                             |       |      |          |       | Ovalue |          |
| 15) Phenanthrene            | 17.03 | 178  | 2248     | 0.113 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.05 | 202  | 8588     | 0.396 | ng/ul  | 96       |
| 20) Pyrene                  | 19.41 | 202  | 7065     | 0.321 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.16 | 228  | 3400     | 0.166 | ng/ul# | 90       |
| 22) Chrysene                | 21.21 | 228  | 4969     | 0.234 | ng/ul# | 95       |
| 24) Benzo(b)fluoranthene    | 22.70 | 252  | 7490m    | 0.317 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.73 | 252  | 2454m    | 0.100 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.24 | 252  | 3470     | 0.167 | ng/ul# | 65       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.48 | 276  | 3367     | 0.126 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.49 | 278  | 884      | 0.041 | ng/ul# | 9        |

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