

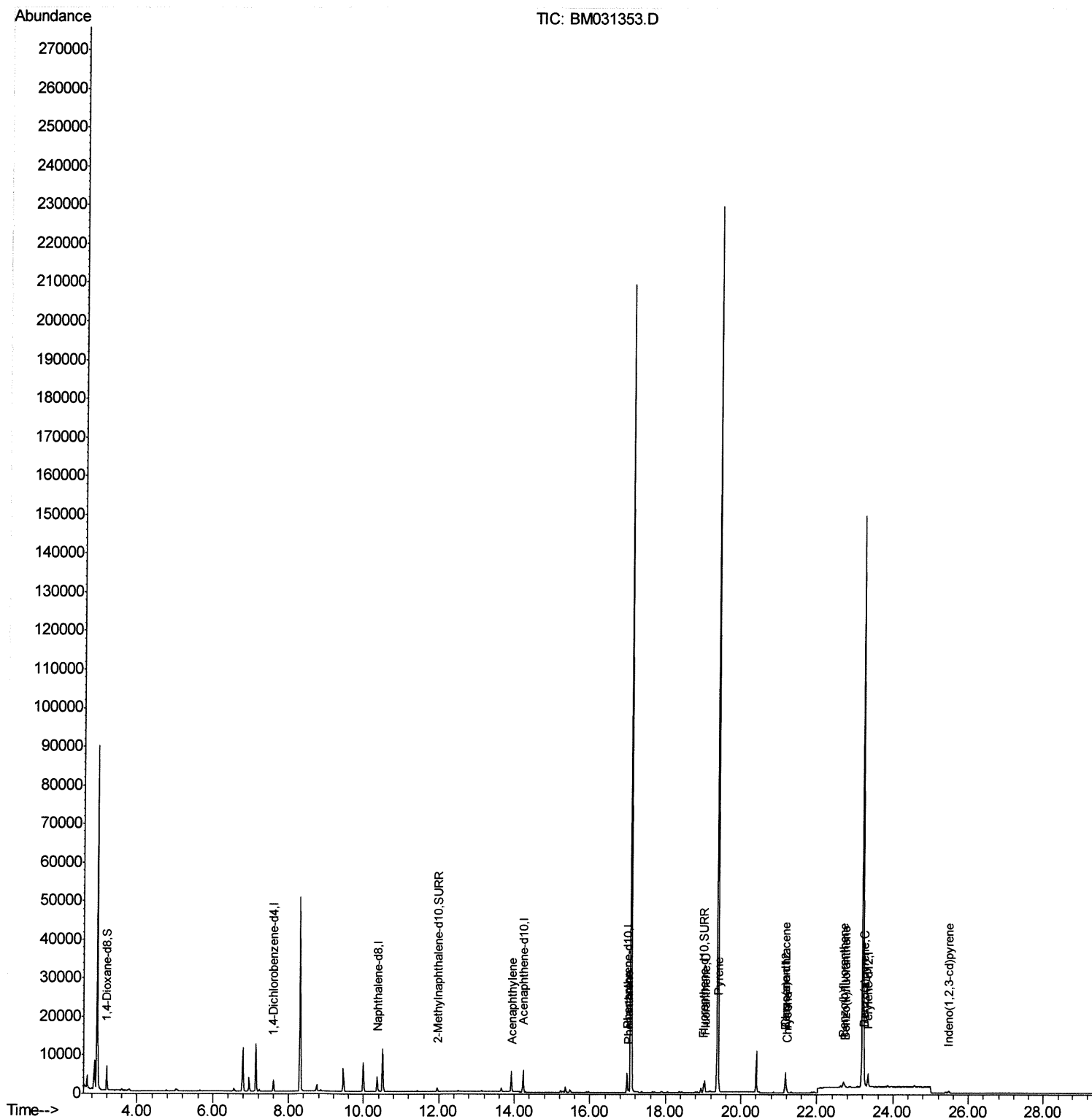
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\  
Data File : BM031353.D  
Acq On : 01 Aug 2021 17:23  
Operator : CG/JU  
Sample : M3107-13  
Misc :  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BGD05

Manual Integrations  
APPROVED

mohammad  
8/2/2021 3:43:30 PM

Quant Time: Aug 02 05:42:26 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 14:16:52 2021  
Response via : Initial Calibration



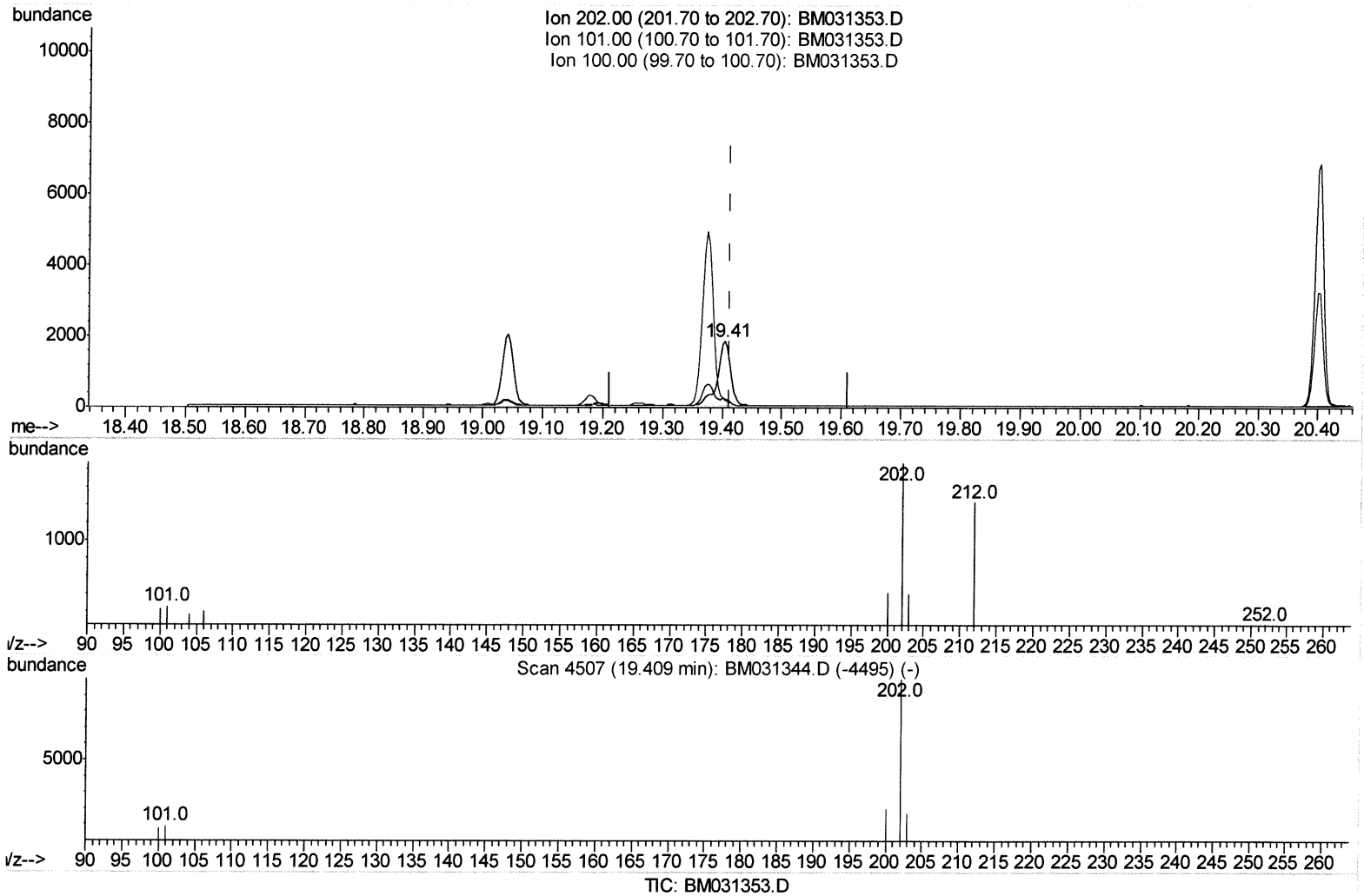
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(20) Pyrene

19.405min (-0.007) 0.15ng/ul

response 2850

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 202.00 | 100  | 100    |
| 101.00 | 9.70 | 13.78# |
| 100.00 | 8.30 | 12.34# |
| 0.00   | 0.00 | 0.00   |

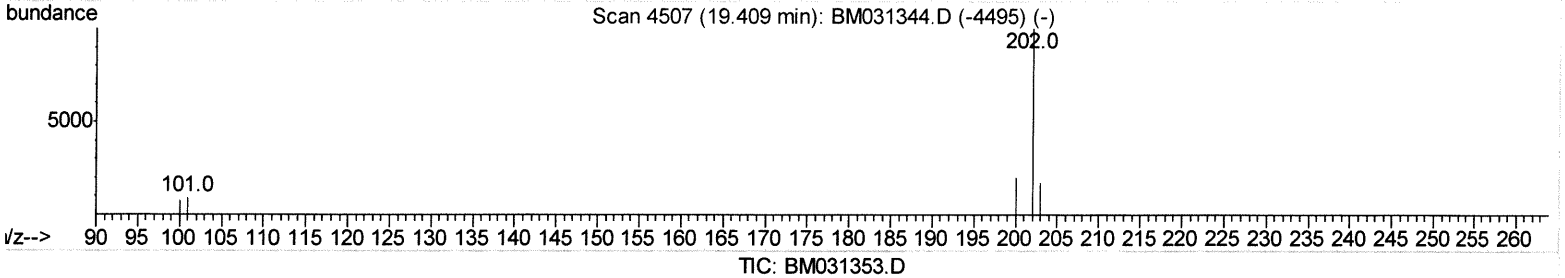
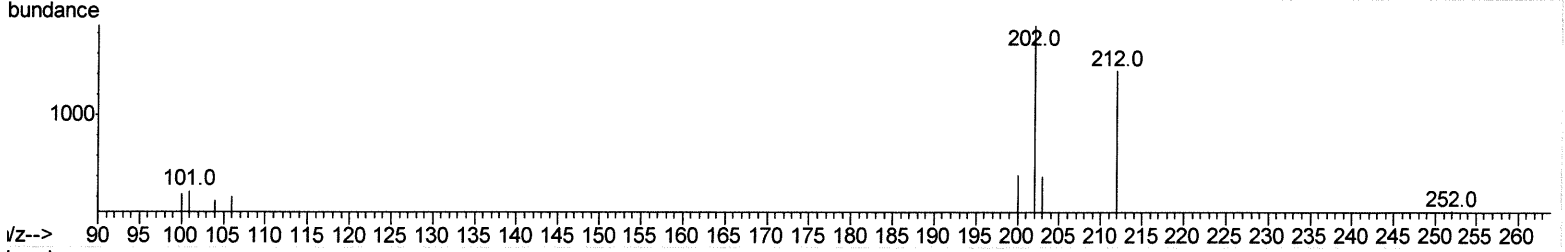
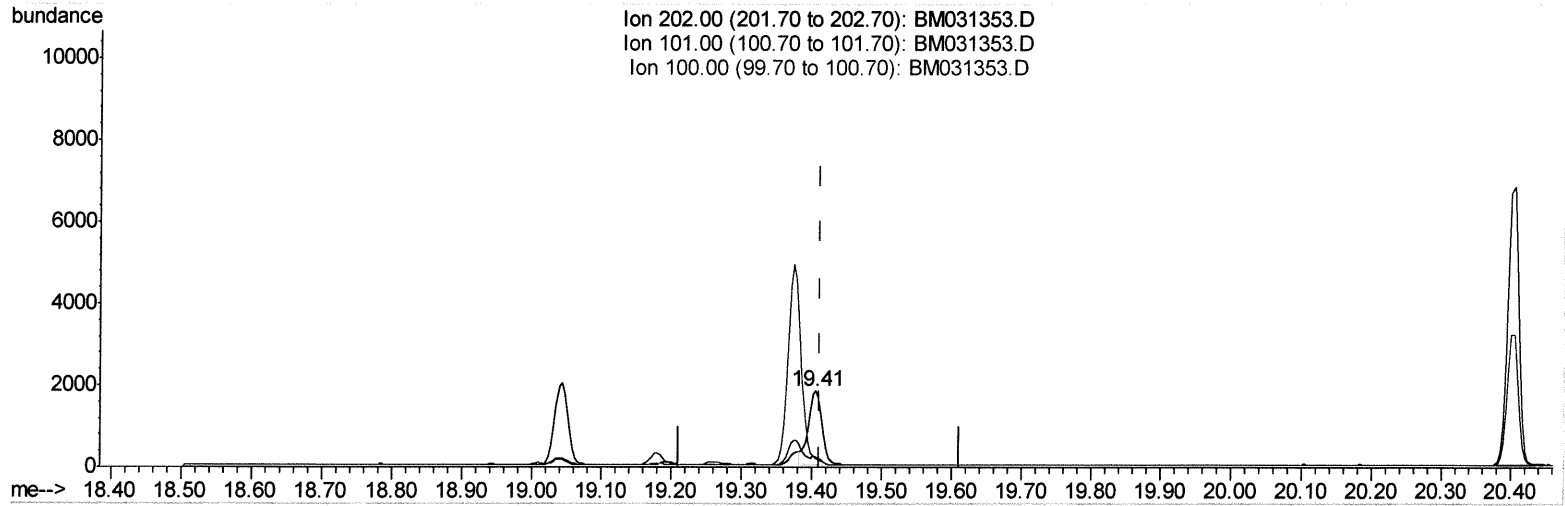
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(20) Pyrene

19.405min (-0.007) 0.13ng/ul m

*ju 8/3/21*

response 2528

| Ion    | Exp% | Act%   |
|--------|------|--------|
| 202.00 | 100  | 100    |
| 101.00 | 9.70 | 13.78# |
| 100.00 | 8.30 | 12.34# |
| 0.00   | 0.00 | 0.00   |

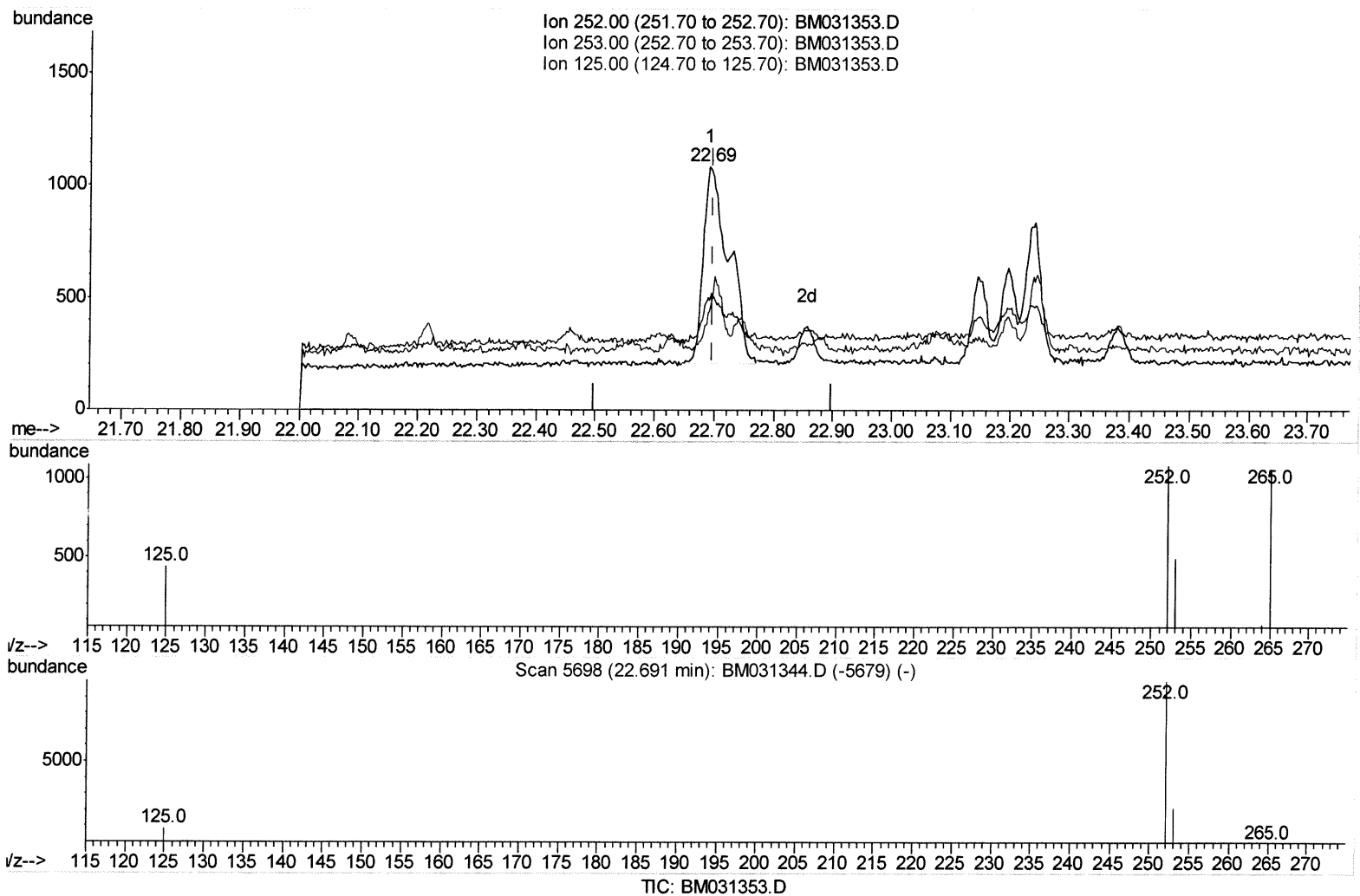
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(24) Benzo(b)fluoranthene

22.691min (-0.007) 0.13ng/ul

response 2579

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.50 | 45.20  |
| 125.00 | 11.40 | 40.59# |
| 0.00   | 0.00  | 0.00   |

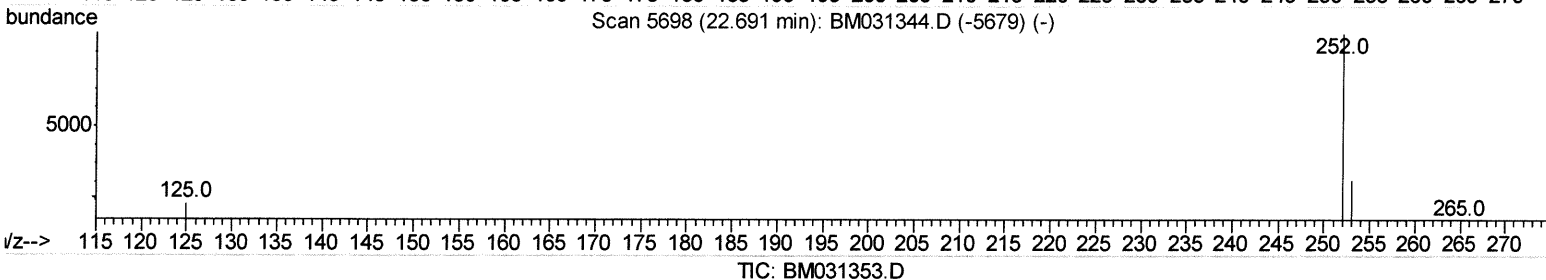
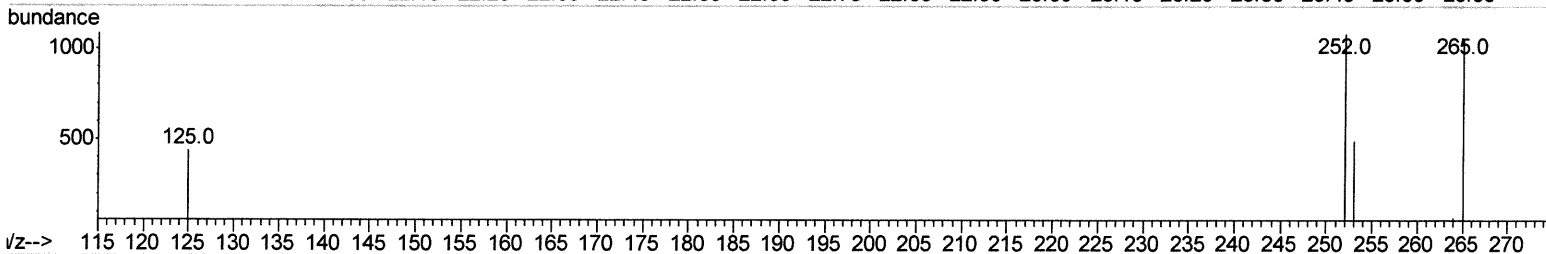
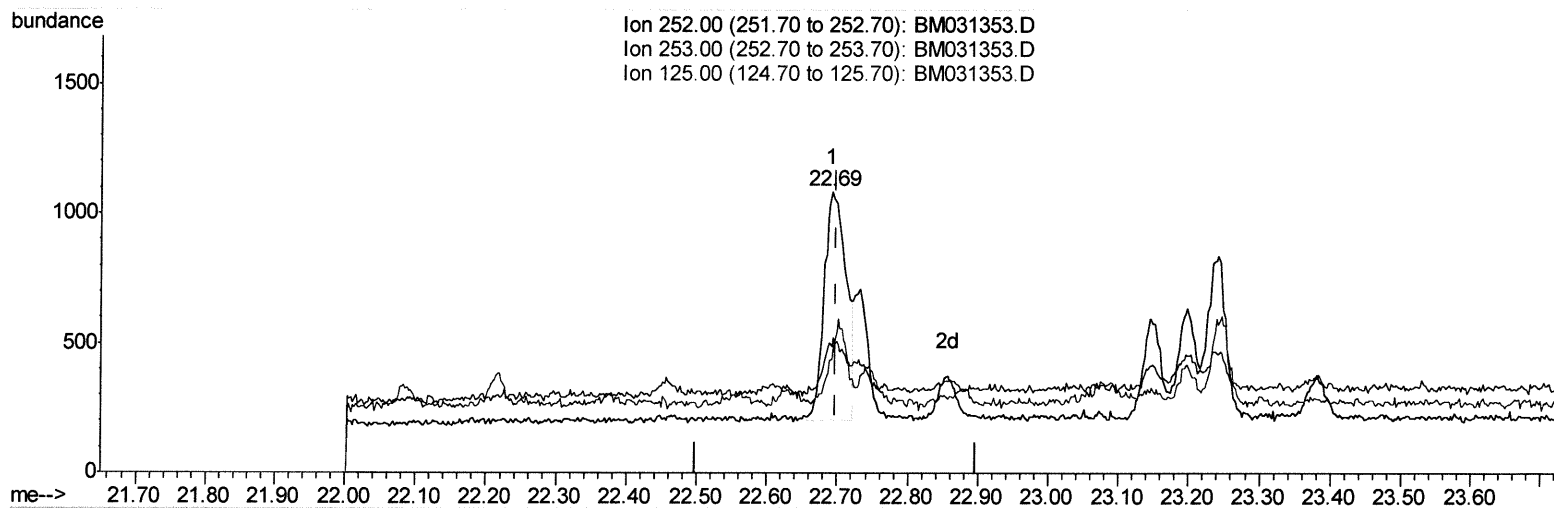
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(24) Benzo(b)fluoranthene

22.691min (-0.007) 0.09ng/ul m

*Handwritten signature/initials*

response 1916

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.50 | 45.20  |
| 125.00 | 11.40 | 40.59# |
| 0.00   | 0.00  | 0.00   |

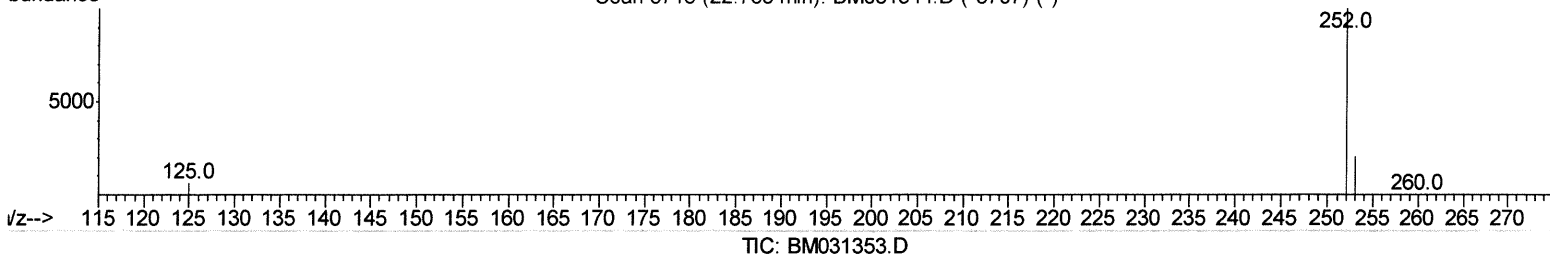
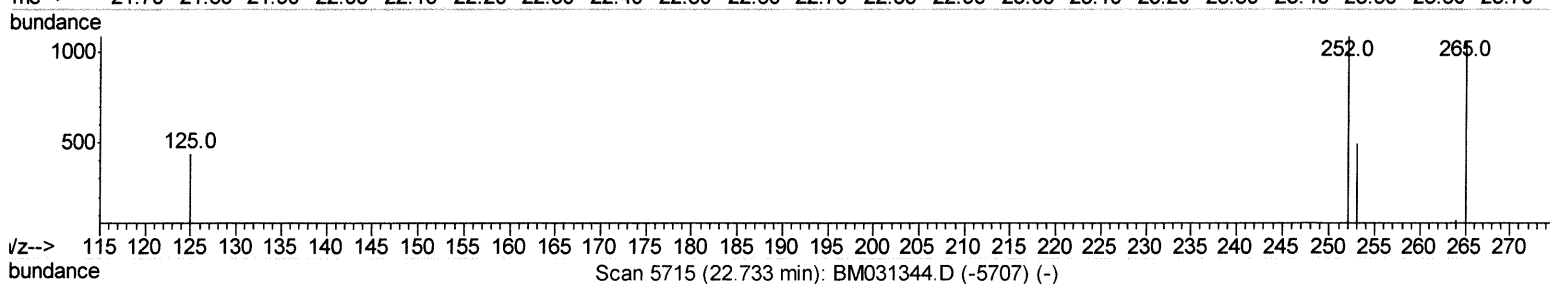
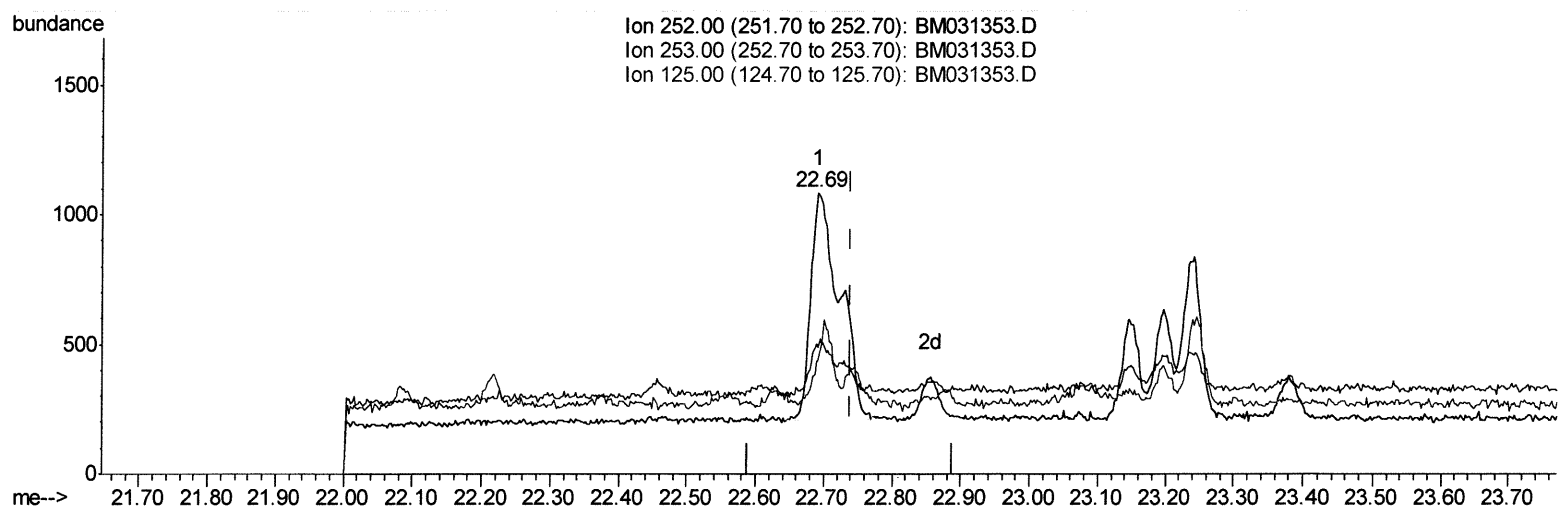
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Quant Time: Aug 02 05:41:18 2021  
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(25) Benzo(k)fluoranthene

22.691min (-0.048) 0.12ng/ul

response 2579

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 45.20# |
| 125.00 | 11.00 | 40.59# |
| 0.00   | 0.00  | 0.00   |

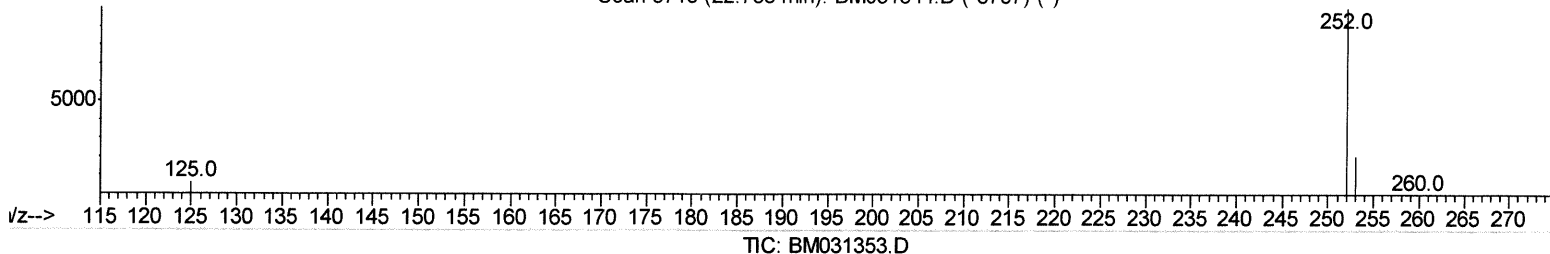
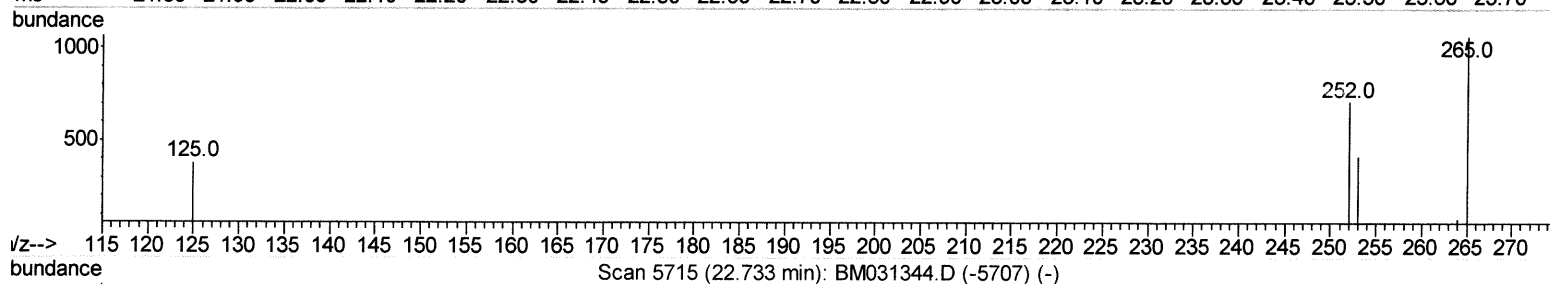
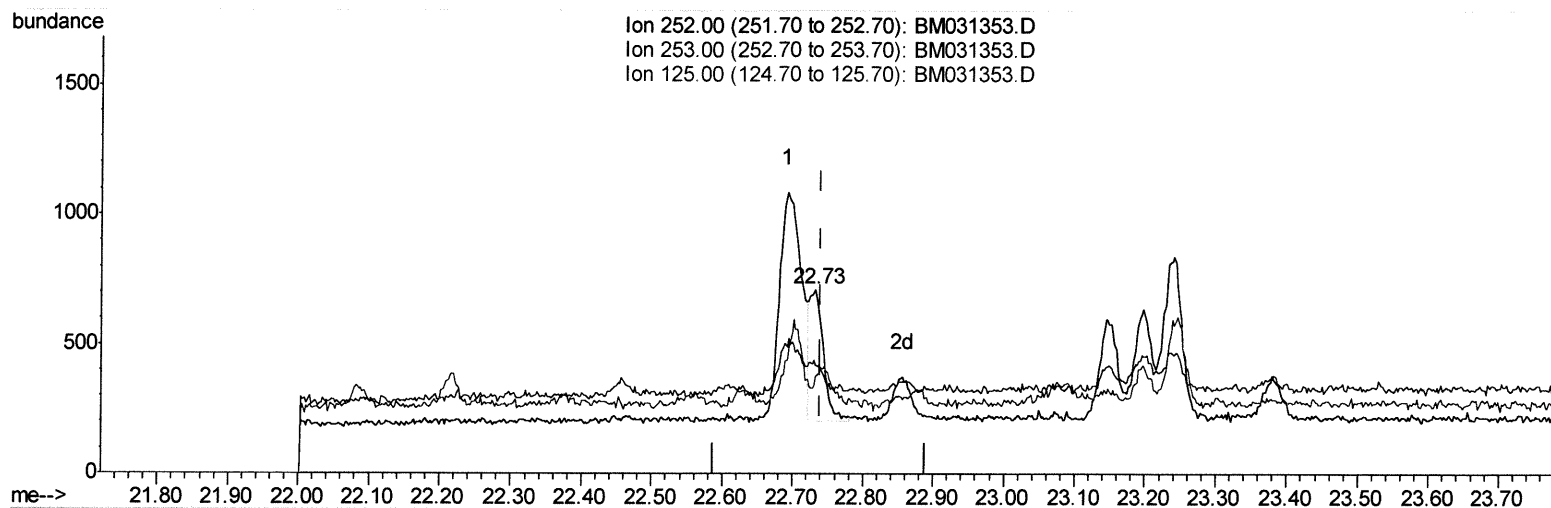
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\  
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 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 BGD05

Manual Integrations  
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(25) Benzo(k)fluoranthene

22.733min (-0.007) 0.03ng/ul m

*Jul 8/3/21*

response 718

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 26.60 | 58.57# |
| 125.00 | 11.00 | 52.67# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\  
 Data File : BM031353.D  
 Acq On : 01 Aug 2021 17:23  
 Operator : CG/JU  
 Sample : M3107-13  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.60  | 152  | 1460     | 0.40  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.37 | 136  | 5442     | 0.40  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.23 | 164  | 3159     | 0.40  | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.98 | 188  | 5957     | 0.40  | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.17 | 240  | 4469     | 0.40  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.33 | 264  | 4509     | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.19  | 96   | 3845     | 2.37  | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.96 | 152  | 1400     | 0.15  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.01 | 212  | 2637     | 0.18  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
|                             |       |      |          |       | Ovalue |          |
| 10) Acenaphthylene          | 13.95 | 152  | 280      | 0.021 | ng/ul# | 52       |
| 15) Phenanthrene            | 17.02 | 178  | 931      | 0.049 | ng/ul# | 87       |
| 19) Fluoranthene            | 19.04 | 202  | 2683     | 0.141 | ng/ul# | 92       |
| 20) Pyrene                  | 19.41 | 202  | 2528m    | 0.131 | ng/ul  | > 92     |
| 21) Benzo(a)anthracene      | 21.16 | 228  | 1301     | 0.072 | ng/ul# | 84       |
| 22) Chrysene                | 21.21 | 228  | 1391     | 0.075 | ng/ul# | 90       |
| 24) Benzo(b)fluoranthene    | 22.69 | 252  | 1916m    | 0.094 | ng/ul  | > 90     |
| 25) Benzo(k)fluoranthene    | 22.73 | 252  | 718m     | 0.034 | ng/ul  | > 90     |
| 26) Benzo(a)pyrene          | 23.24 | 252  | 1084     | 0.061 | ng/ul# | 23       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.48 | 276  | 782      | 0.034 | ng/ul# | 95       |

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