

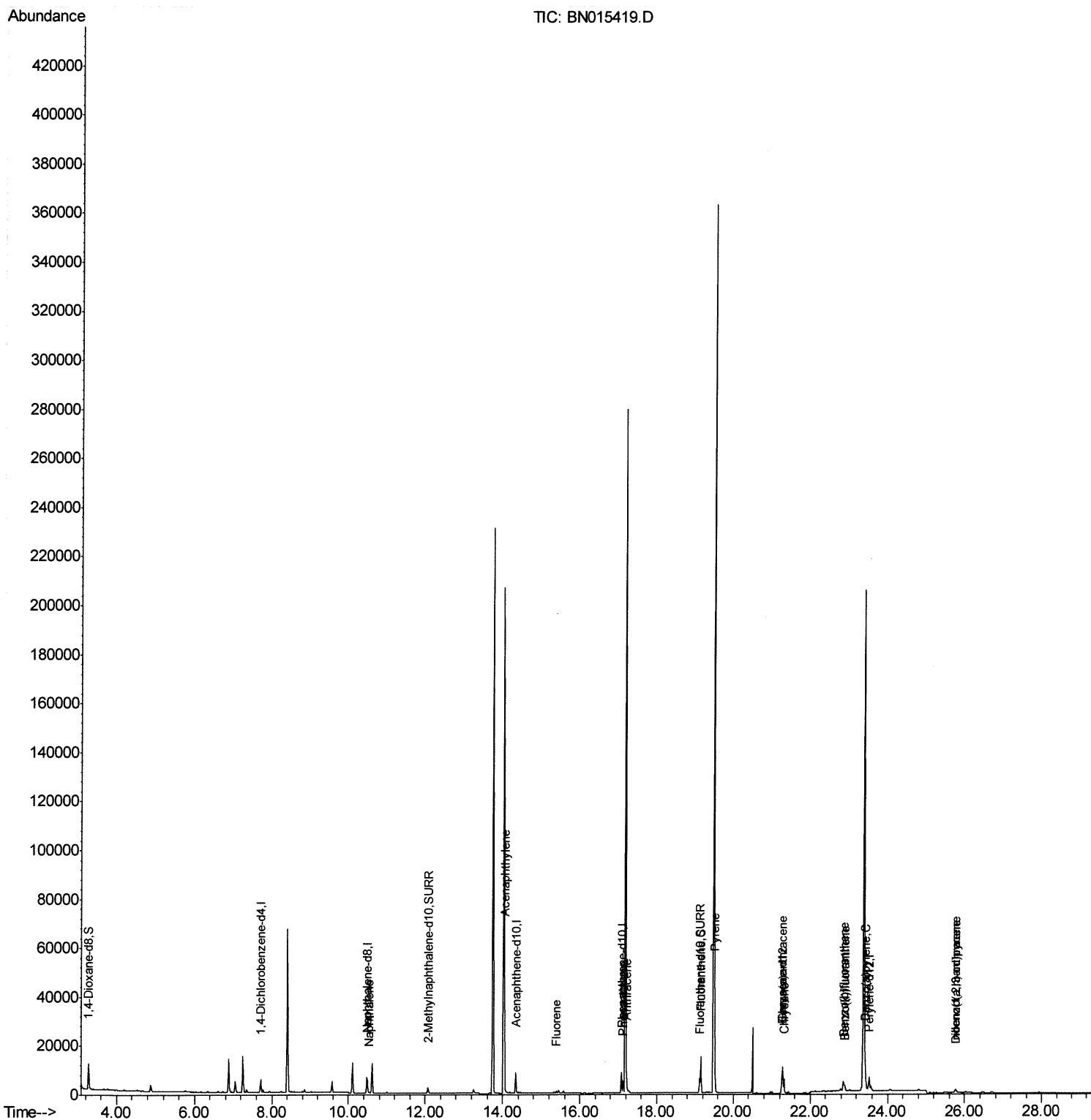
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\  
Data File : BN015419.D  
Acq On : 08 Jul 2021 21:39  
Operator : CG/JU  
Sample : M2825-14  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BGDQ0

Manual Integrations  
APPROVED

mohammad  
7/9/2021 3:03:56 PM

Quant Time: Jul 09 02:01:35 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 08 11:17:31 2021  
Response via : Initial Calibration



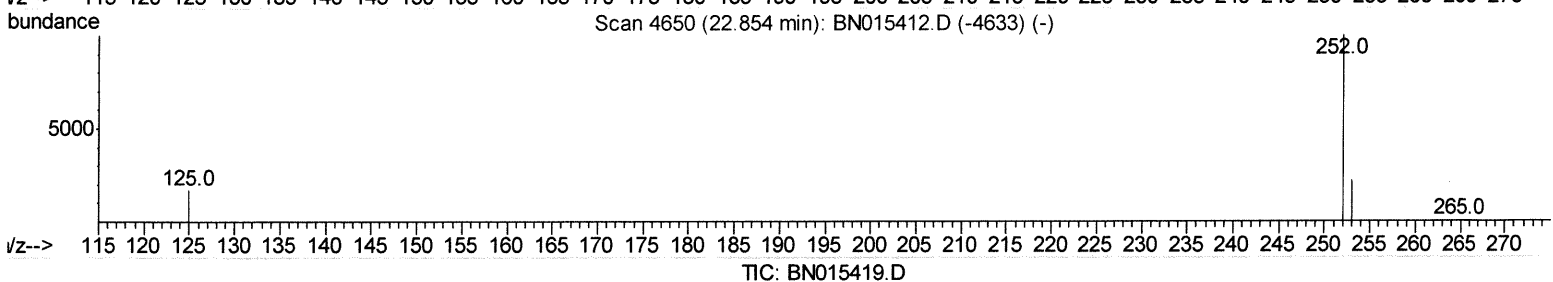
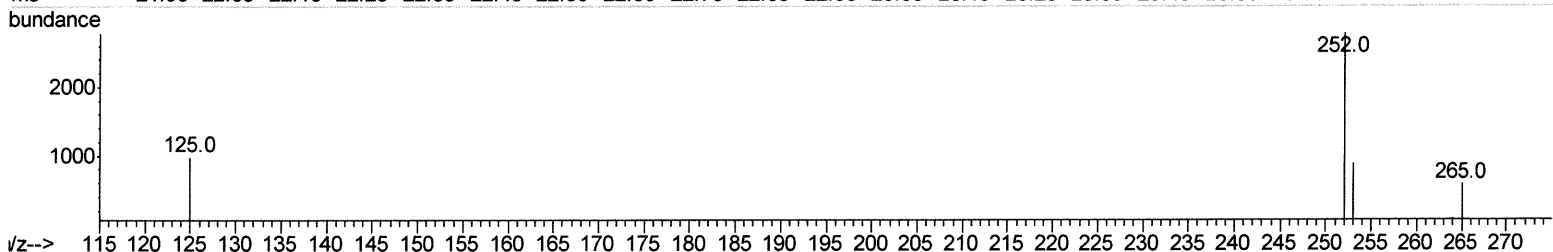
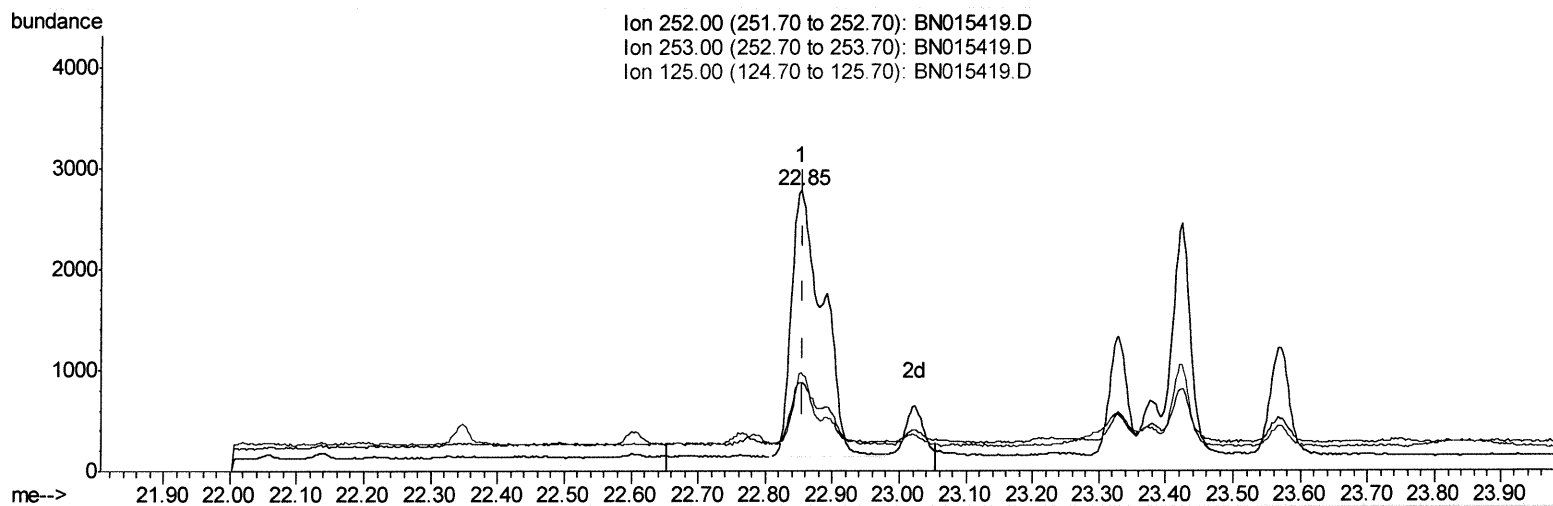
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(24) Benzo(b)fluoranthene

22.853min (-0.003) 0.26ng/ul

response 8597

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.80 | 31.46  |
| 125.00 | 14.20 | 35.13# |
| 0.00   | 0.00  | 0.00   |

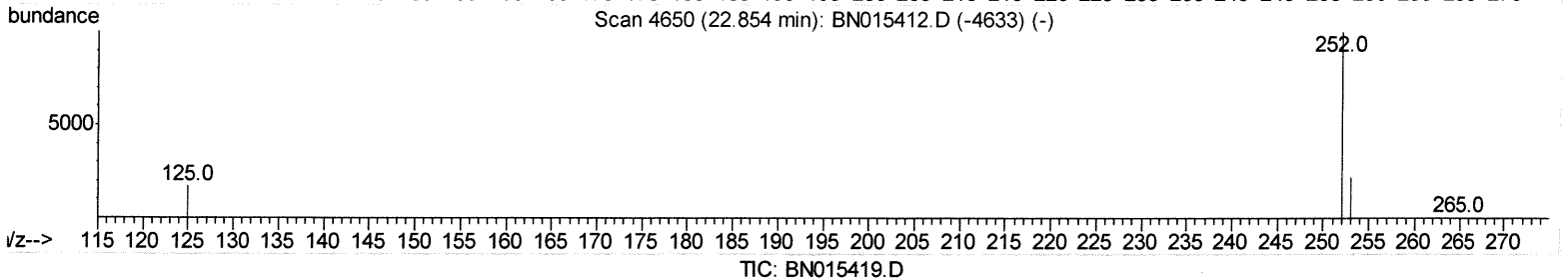
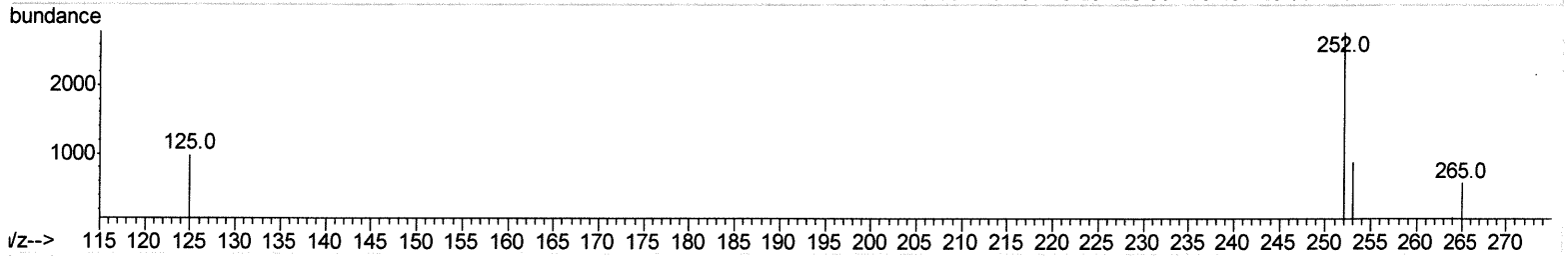
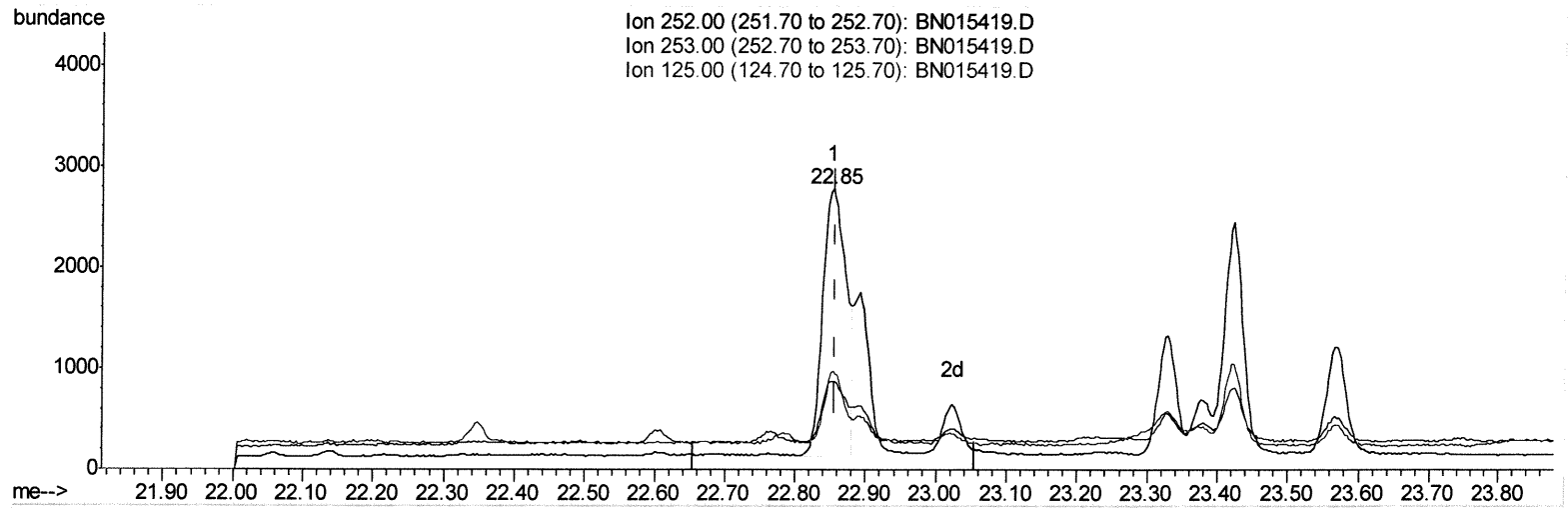
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(24) Benzo(b)fluoranthene

22.853min (-0.003) 0.18ng/ul m 07/12/21 JU

response 6101

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.80 | 31.46  |
| 125.00 | 14.20 | 35.13# |
| 0.00   | 0.00  | 0.00   |

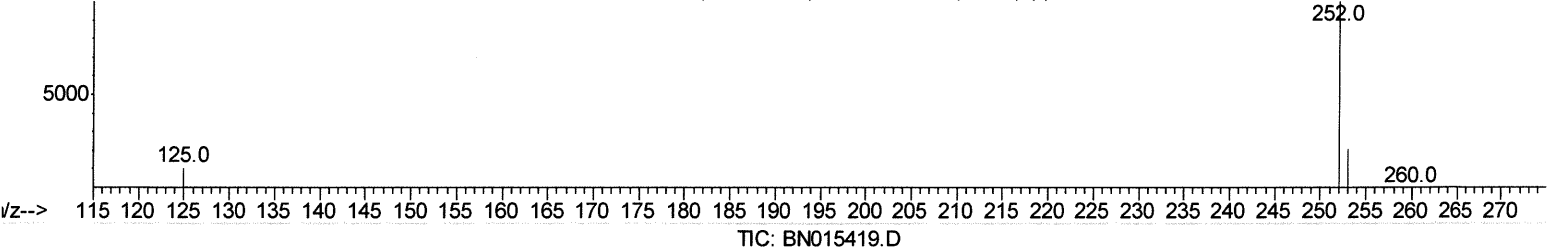
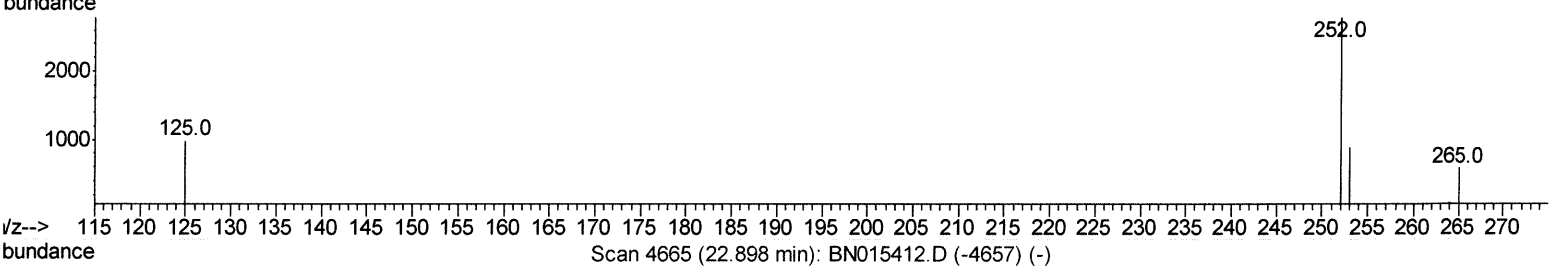
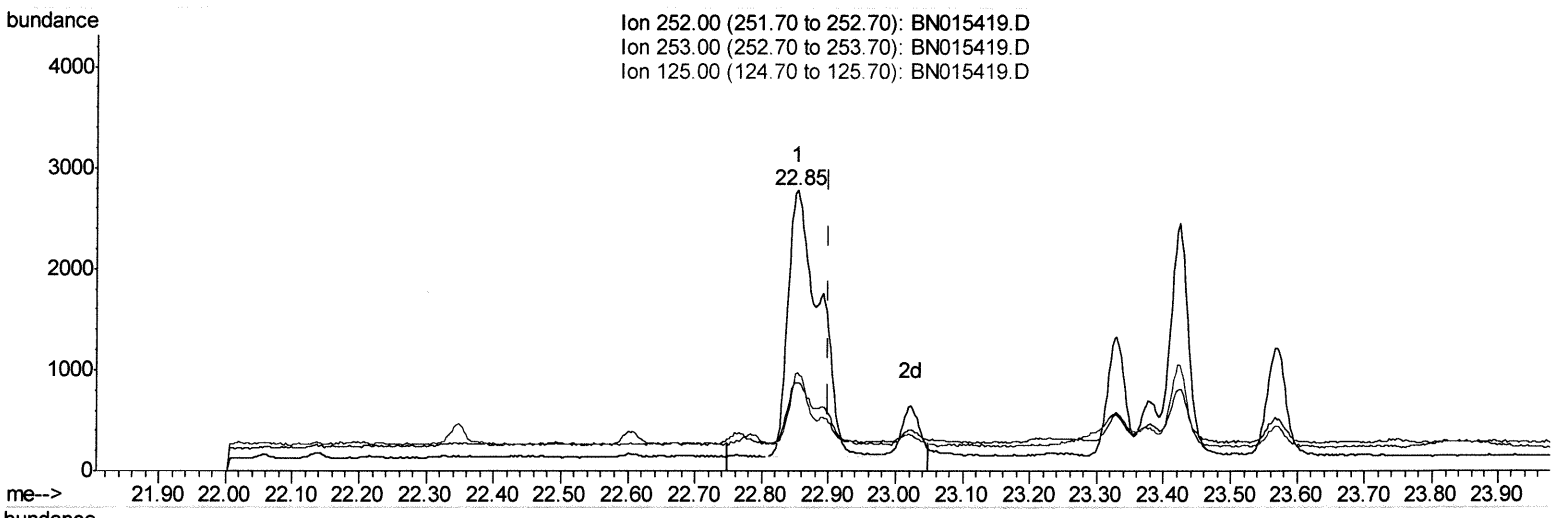
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(25) Benzo(k)fluoranthene  
 22.853min (-0.047) 0.23ng/ul  
 response 8597

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.60 | 31.46# |
| 125.00 | 14.40 | 35.13# |
| 0.00   | 0.00  | 0.00   |

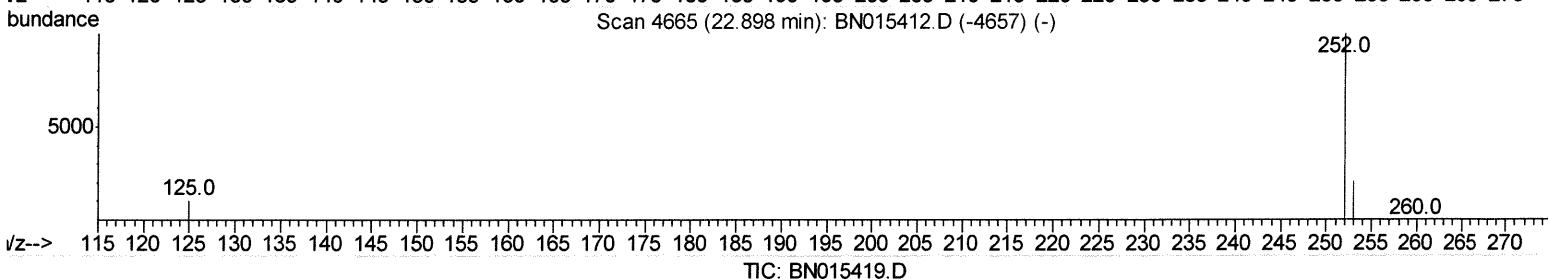
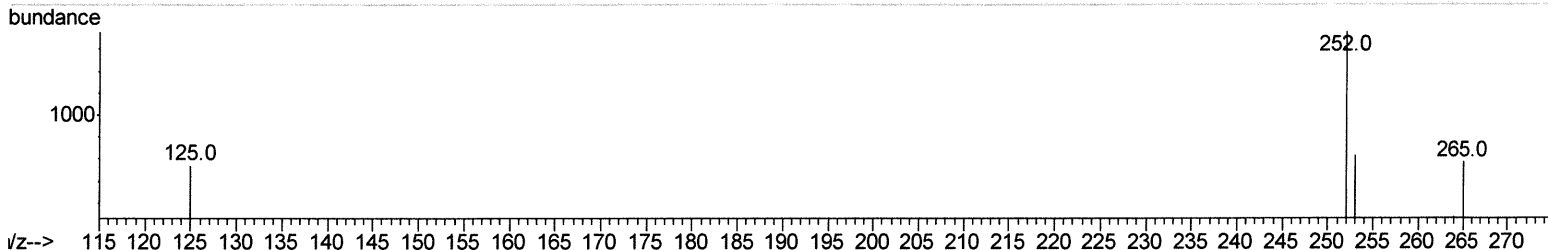
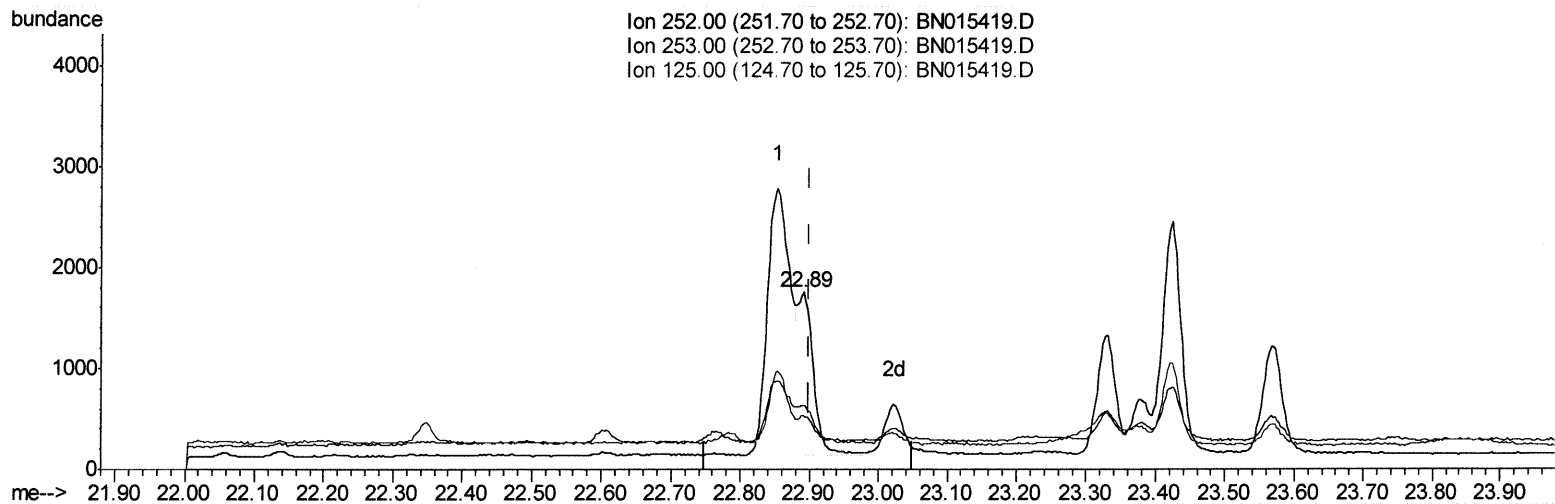
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(25) Benzo(k)fluoranthene

22.891min (-0.009) 0.07ng/ul m 07/12/21 JU

response 2606

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.60 | 35.92# |
| 125.00 | 14.40 | 30.50# |
| 0.00   | 0.00  | 0.00   |

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 Operator : CG/JU  
 Sample : M2825-14  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 2543     | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 10.48 | 136  | 8704     | 0.40 | ng/ul | 0.00     |
| 9) Acenaphthene-d10       | 14.34 | 164  | 4657     | 0.40 | ng/ul | 0.00     |
| 13) Phenanthrene-d10      | 17.09 | 188  | 9410     | 0.40 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.28 | 240  | 7869     | 0.40 | ng/ul | 0.00     |
| 23) Perylene-d12          | 23.52 | 264  | 7206     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 3) 1,4-Dioxane-d8           | 3.28  | 96   | 6932     | 2.42 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.07 | 152  | 2888     | 0.21 | ng/ul | 0.00     |
| 18) Fluoranthene-d10        | 19.12 | 212  | 6071     | 0.23 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 5) Naphthalene             | 10.53 | 128  | 629      | 0.023 | ng/ul# | 72     |
| 10) Acenaphthylene         | 14.05 | 152  | 859      | 0.036 | ng/ul# | 82     |
| 12) Fluorene               | 15.39 | 166  | 524      | 0.026 | ng/ul# | 89     |
| 15) Phenanthrene           | 17.13 | 178  | 5176     | 0.152 | ng/ul  | 97     |
| 16) Anthracene             | 17.22 | 178  | 1819     | 0.060 | ng/ul# | 91     |
| 19) Fluoranthene           | 19.15 | 202  | 12544    | 0.345 | ng/ul  | 98     |
| 20) Pyrene                 | 19.51 | 202  | 11407    | 0.313 | ng/ul  | 98     |
| 21) Benzo(a)anthracene     | 21.27 | 228  | 5840     | 0.200 | ng/ul  | 97     |
| 22) Chrysene               | 21.32 | 228  | 5449     | 0.156 | ng/ul  | 97     |
| 24) Benzo(b)fluoranthene   | 22.85 | 252  | 6101m    | 0.181 | ng/ul  | 72     |
| 25) Benzo(k)fluoranthene   | 22.89 | 252  | 2606m    | 0.069 | ng/ul  | 82     |
| 26) Benzo(a)pyrene         | 23.42 | 252  | 4243     | 0.150 | ng/ul# | 64     |
| 27) Indeno(1,2,3-cd)pyrene | 25.77 | 276  | 2301     | 0.067 | ng/ul# | 89     |
| 28) Dibenzo(a,h)anthracene | 25.77 | 278  | 682      | 0.025 | ng/ul# | 48     |

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