

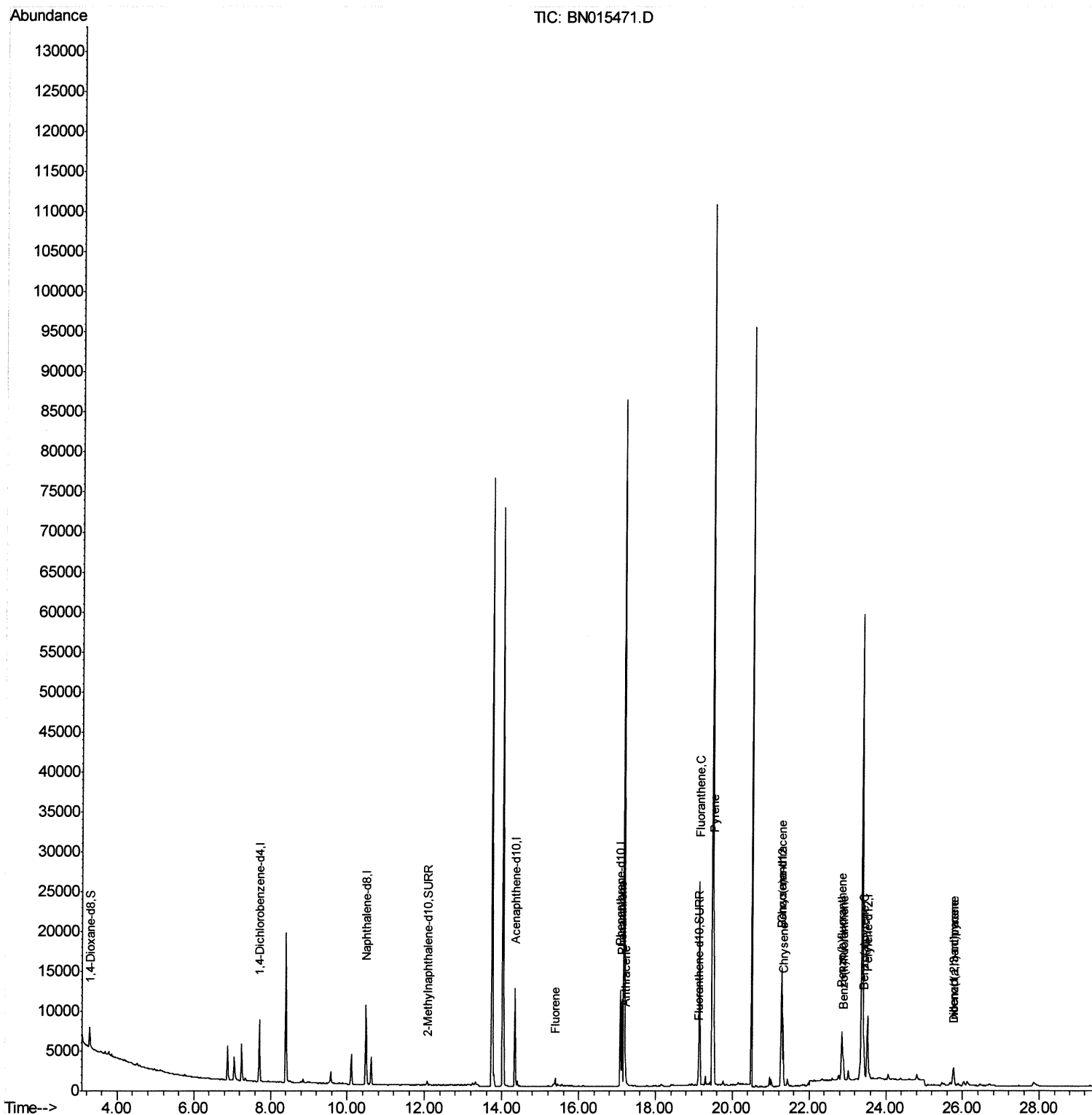
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\  
Data File : BN015471.D  
Acq On : 10 Jul 2021 06:51  
Operator : CG/JU  
Sample : M2808-08DL 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BGDP8DL

Manual Integrations  
APPROVED

mohammad  
7/12/2021 9:34:02 AM

Quant Time: Jul 11 06:19:53 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



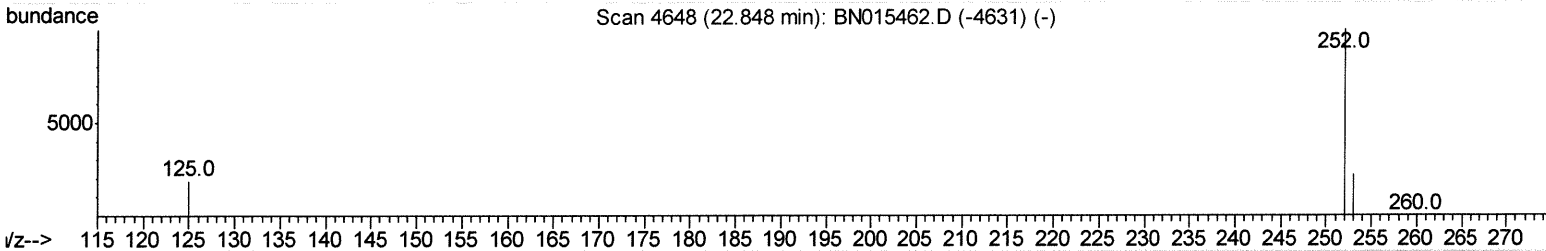
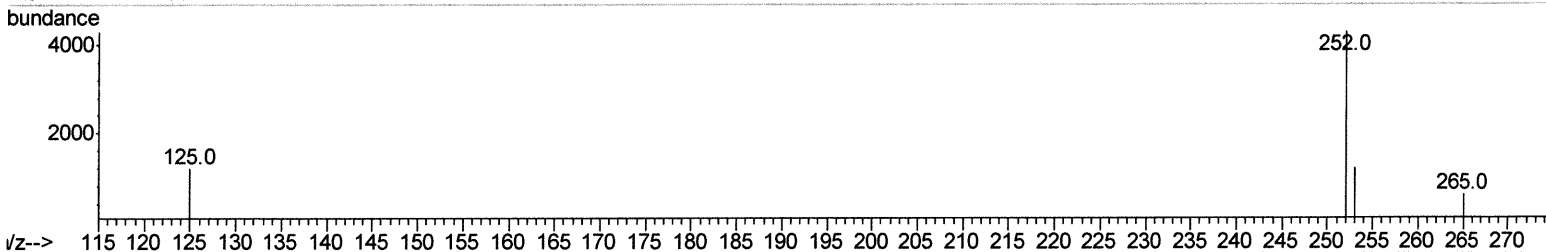
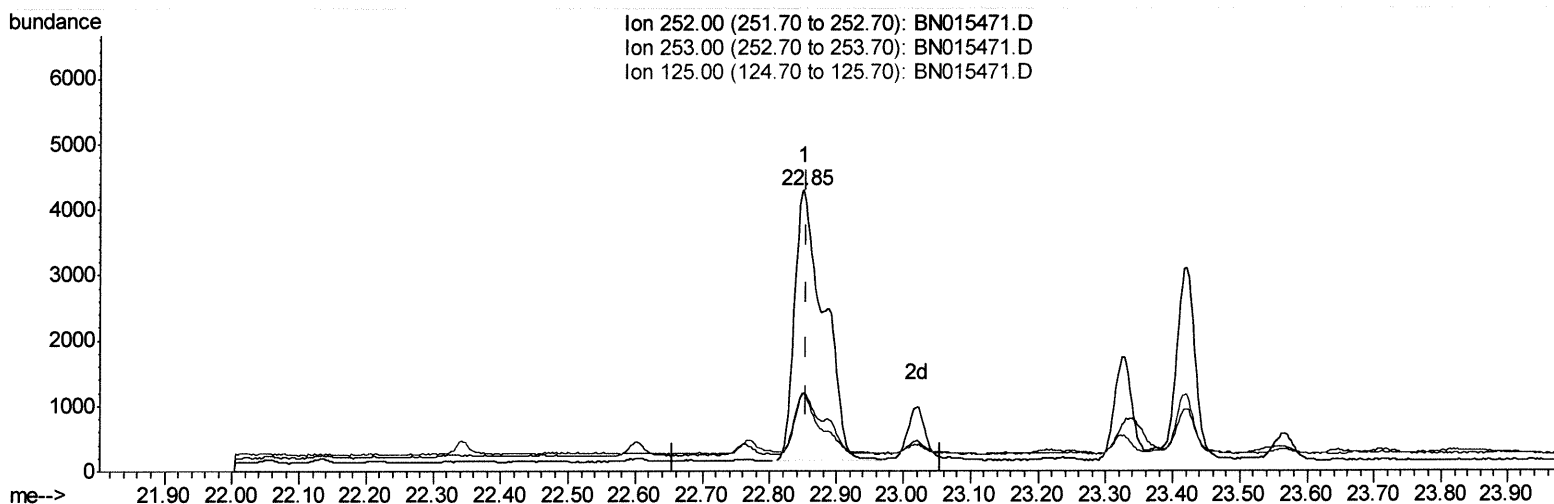
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(24) Benzo(b)fluoranthene  
 22.851min (-0.005) 0.27ng/ui  
 response 12703  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.80 | 27.73 |
| 125.00 | 14.20 | 27.63 |
| 0.00   | 0.00  | 0.00  |

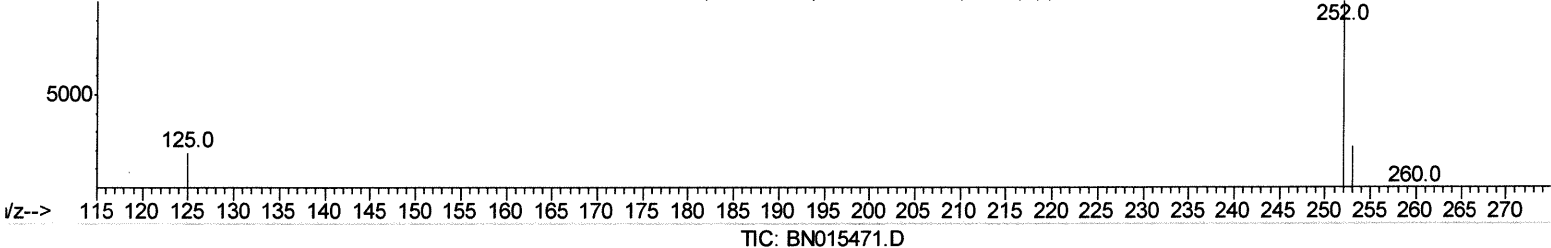
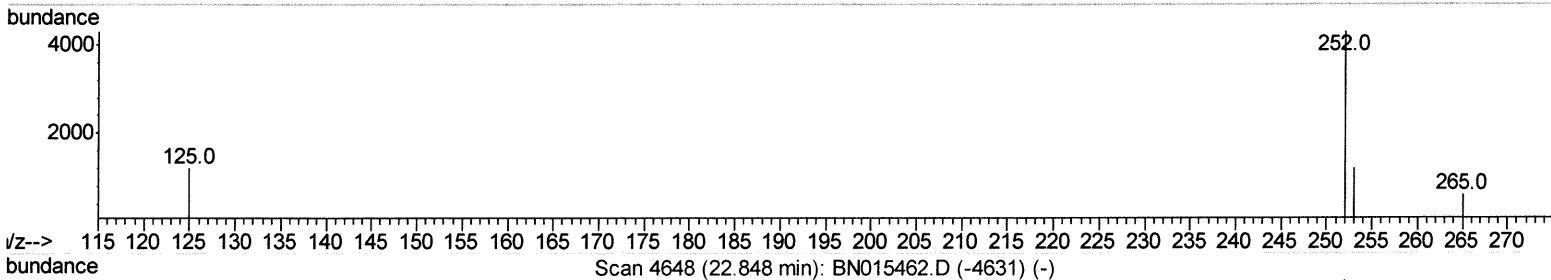
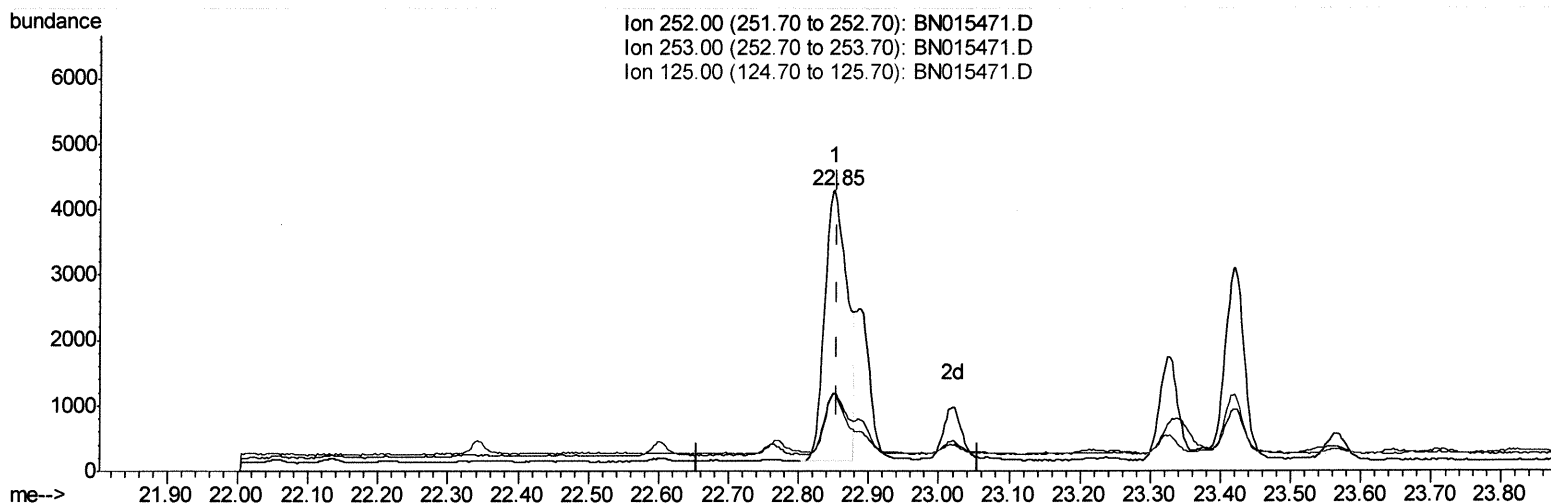
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(24) Benzo(b)fluoranthene

22.851min (-0.005) 0.20ng/ul m

response 9150

547/16/21

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.80 | 27.73 |
| 125.00 | 14.20 | 27.63 |
| 0.00   | 0.00  | 0.00  |

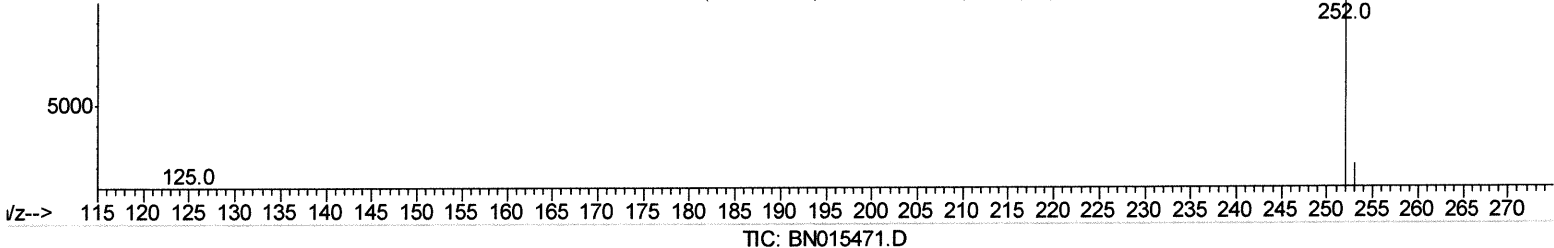
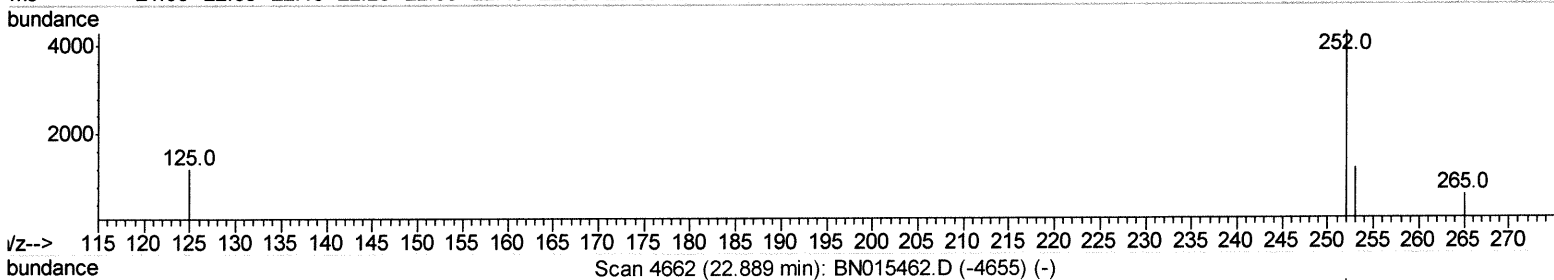
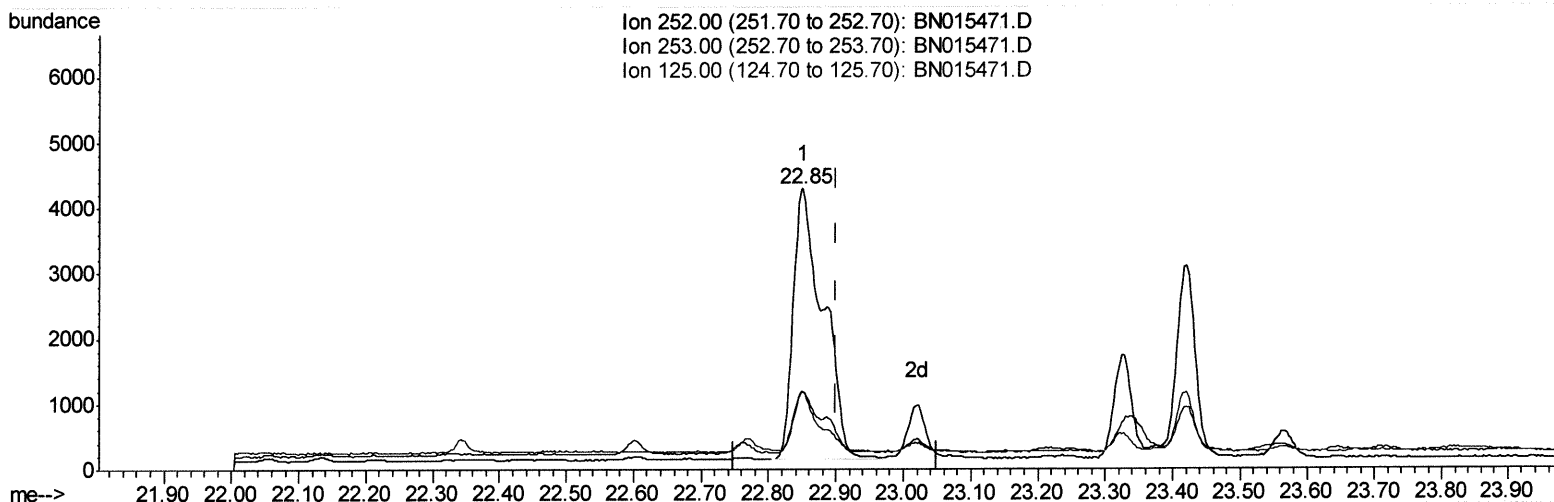
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(25) Benzo(k)fluoranthene  
 22.851min (-0.049) 0.24ng/ul  
 response 12703  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.60 | 27.73# |
| 125.00 | 14.40 | 27.63# |
| 0.00   | 0.00  | 0.00   |

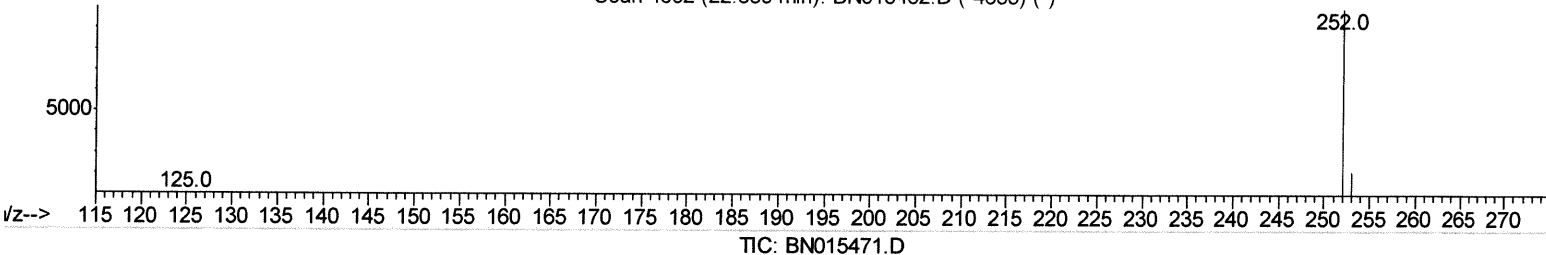
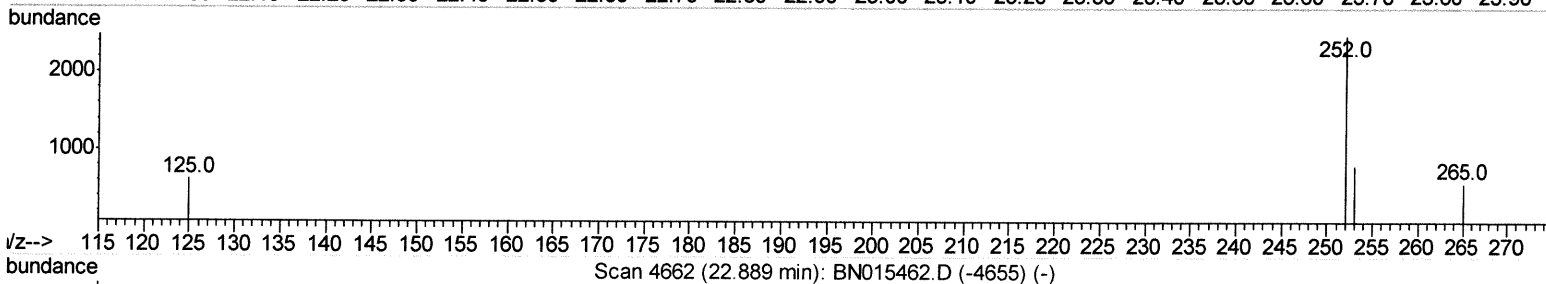
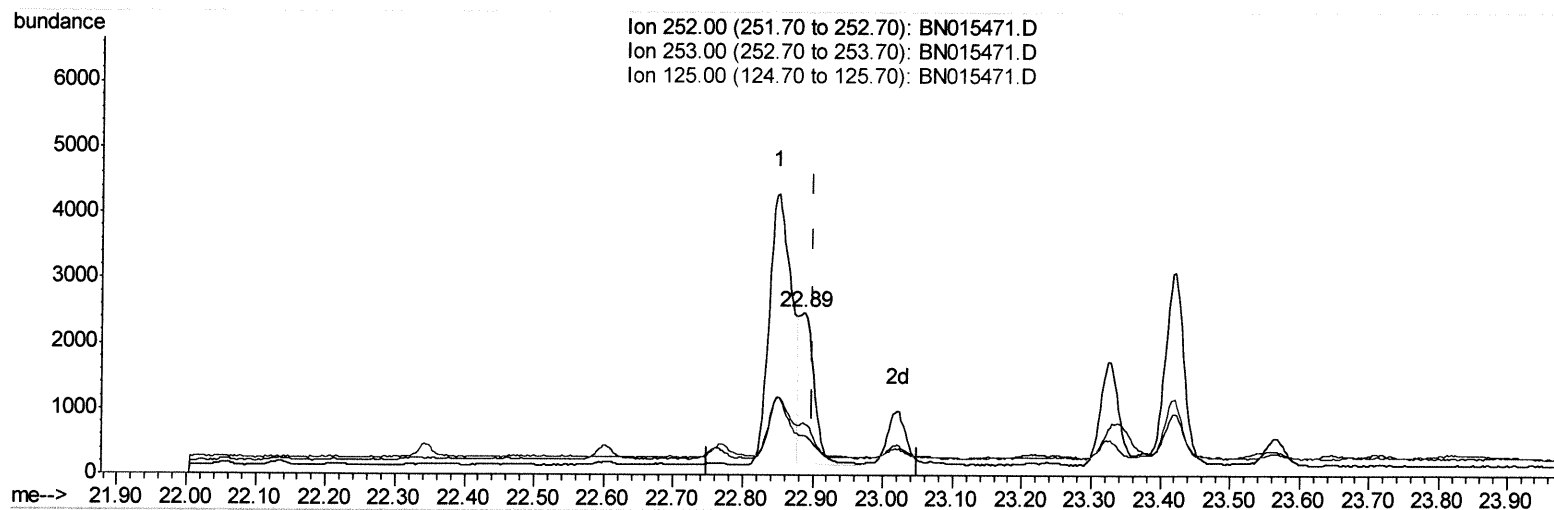
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(25) Benzo(k)fluoranthene

22.886min (-0.014) 0.07ng/ul m

*547/14/21*

response 3548

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.60 | 31.90# |
| 125.00 | 14.40 | 24.45# |
| 0.00   | 0.00  | 0.00   |

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 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)   |
|-----------------------------|-------|------|----------|-------|--------|------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.71  | 152  | 3764     | 0.40  | ng/ul  | 0.00       |
| 4) Naphthalene-d8           | 10.48 | 136  | 13045    | 0.40  | ng/ul  | 0.00       |
| 9) Acenaphthene-d10         | 14.33 | 164  | 6836     | 0.40  | ng/ul  | 0.00       |
| 13) Phenanthrene-d10        | 17.08 | 188  | 13463    | 0.40  | ng/ul  | 0.00       |
| 17) Chrysene-d12            | 21.28 | 240  | 10810    | 0.40  | ng/ul  | 0.00       |
| 23) Perylene-d12            | 23.52 | 264  | 10000    | 0.40  | ng/ul  | -0.01      |
| System Monitoring Compounds |       |      |          |       |        |            |
| 3) 1,4-Dioxane-d8           | 3.29  | 96   | 1868     | 0.44  | ng/ul  | 0.00       |
| 6) 2-Methylnaphthalene-d10  | 12.07 | 152  | 652      | 0.03  | ng/ul  | 0.00       |
| 18) Fluoranthene-d10        | 19.12 | 212  | 1360     | 0.04  | ng/ul  | 0.00       |
| Target Compounds            |       |      |          |       |        |            |
|                             |       |      |          |       | Ovalue |            |
| 12) Fluorene                | 15.39 | 166  | 636      | 0.021 | ng/ul# | 95         |
| 15) Phenanthrene            | 17.12 | 178  | 11031    | 0.226 | ng/ul  | 99         |
| 16) Anthracene              | 17.22 | 178  | 2637     | 0.061 | ng/ul  | 94         |
| 19) Fluoranthene            | 19.15 | 202  | 20991    | 0.420 | ng/ul  | 97         |
| 20) Pyrene                  | 19.51 | 202  | 17088    | 0.341 | ng/ul  | 97         |
| 21) Benzo(a)anthracene      | 21.26 | 228  | 8531     | 0.213 | ng/ul  | 95         |
| 22) Chrysene                | 21.32 | 228  | 7970     | 0.166 | ng/ul  | 98         |
| 24) Benzo(b)fluoranthene    | 22.85 | 252  | 9150m    | 0.196 | ng/ul  | 74 7/14/21 |
| 25) Benzo(k)fluoranthene    | 22.89 | 252  | 3548m    | 0.067 | ng/ul  |            |
| 26) Benzo(a)pyrene          | 23.42 | 252  | 5582     | 0.142 | ng/ul# |            |
| 27) Indeno(1,2,3-cd)pyrene  | 25.76 | 276  | 3395     | 0.072 | ng/ul# | 90         |
| 28) Dibenzo(a,h)anthracene  | 25.77 | 278  | 988      | 0.027 | ng/ul# | 53         |

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