

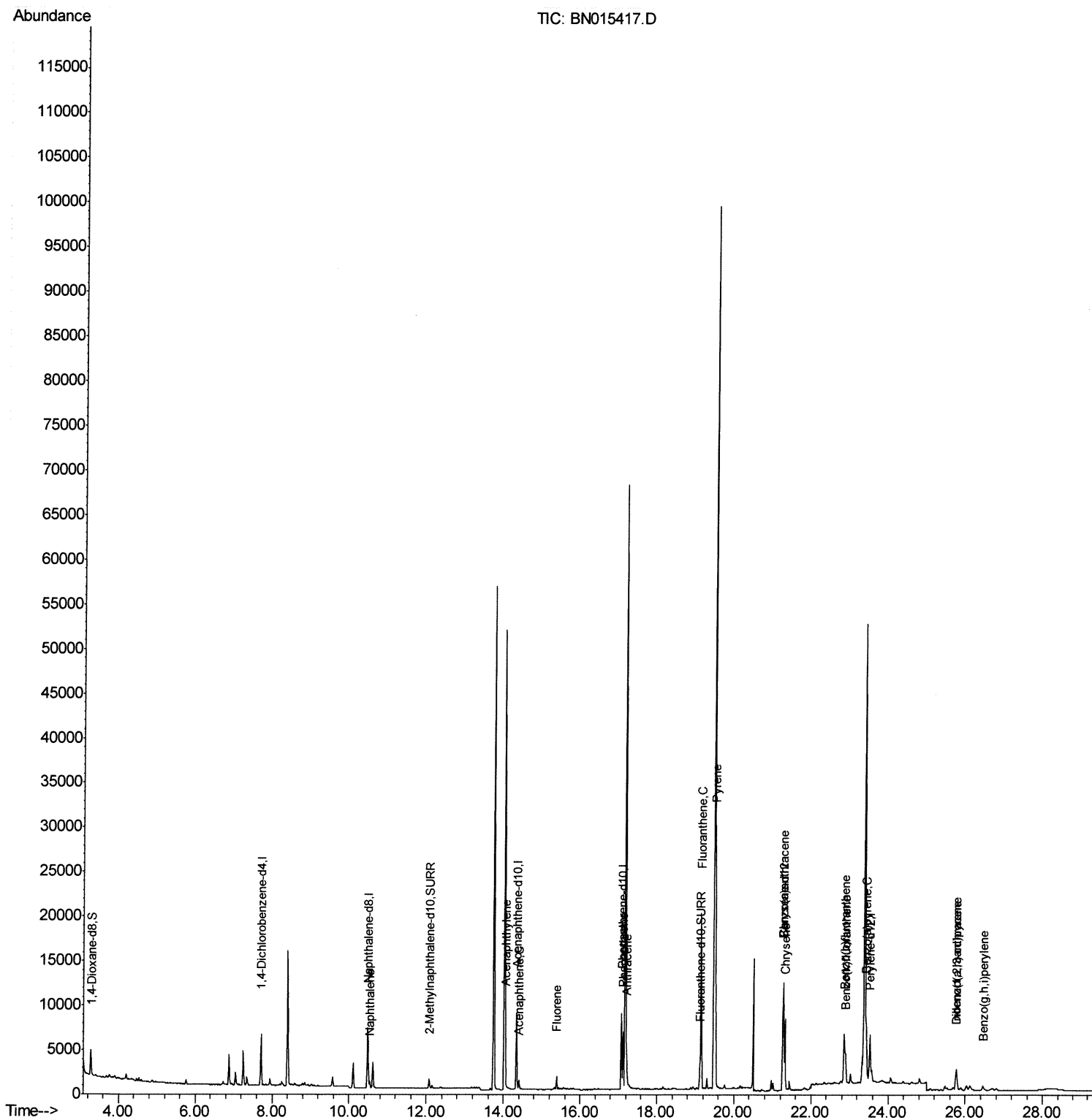
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\  
Data File : BN015417.D  
Acq On : 08 Jul 2021 20:27  
Operator : CG/JU  
Sample : M2825-17  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BGDR5

Manual Integrations  
APPROVED

mohammad  
7/9/2021 3:03:49 PM

Quant Time: Jul 09 01:43:34 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



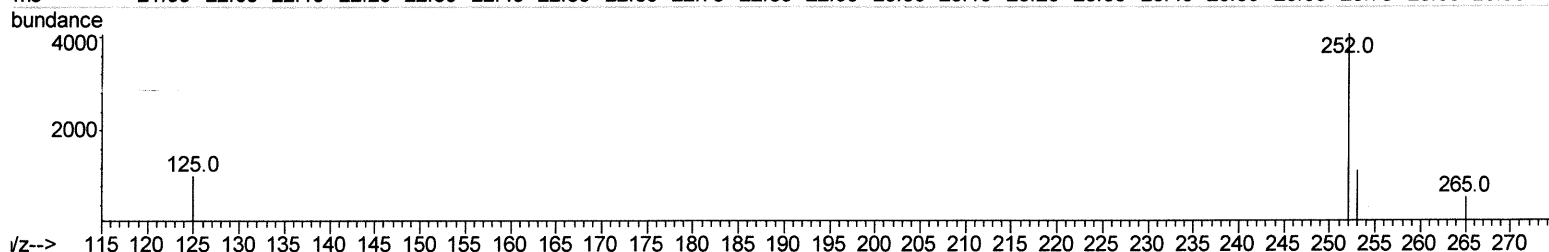
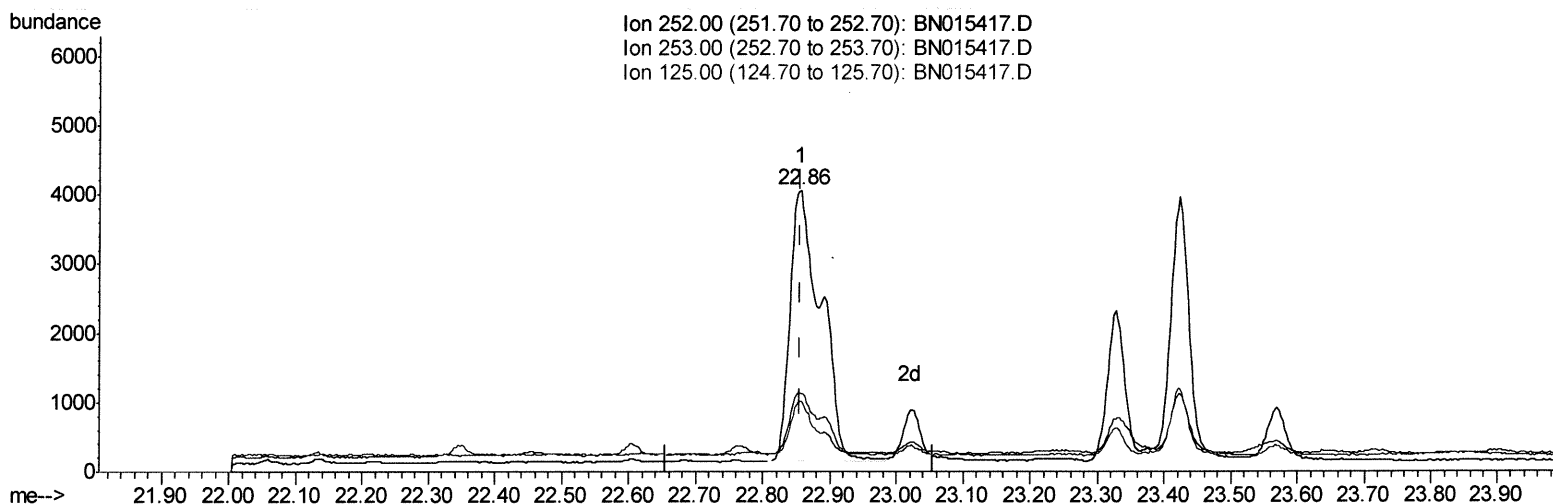
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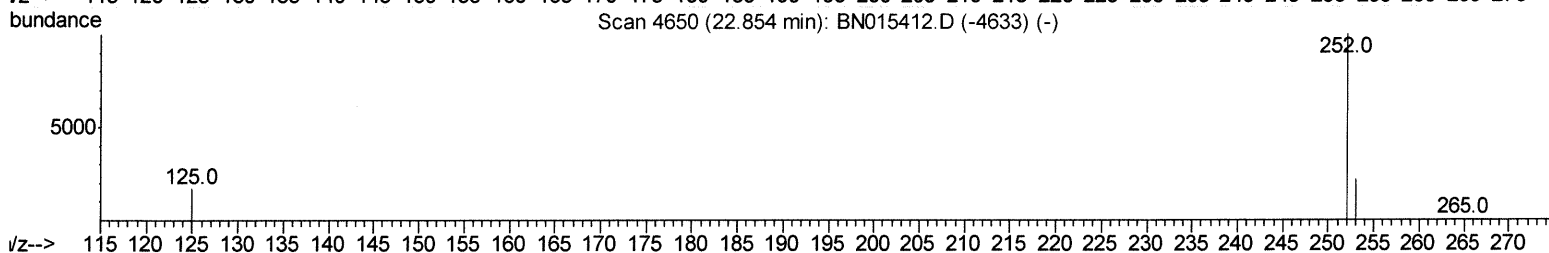
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Quant Time: Jul 09 01:15:30 2021  
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Scan 4650 (22.854 min): BN015412.D (-4633) (-)



TIC: BN015417.D

(24) Benzo(b)fluoranthene

22.856min (+0.000) 0.40ng/ul

response 12664

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.80 | 27.94 |
| 125.00 | 14.20 | 24.98 |
| 0.00   | 0.00  | 0.00  |

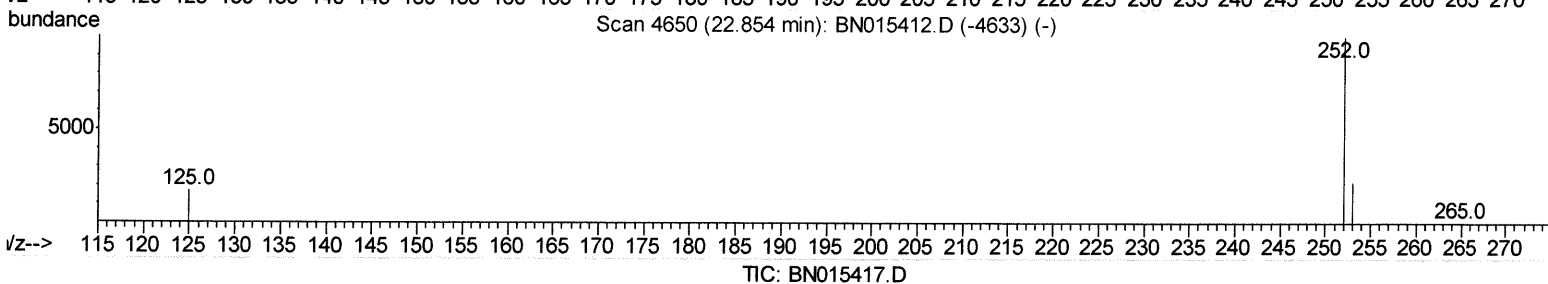
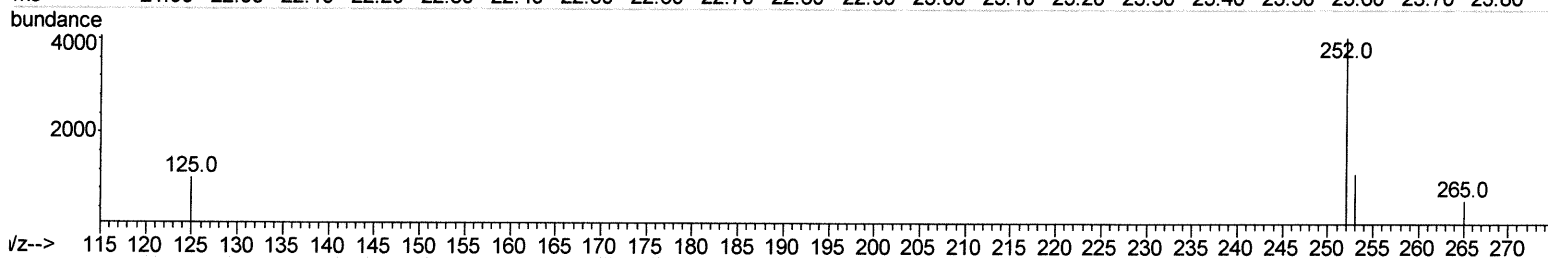
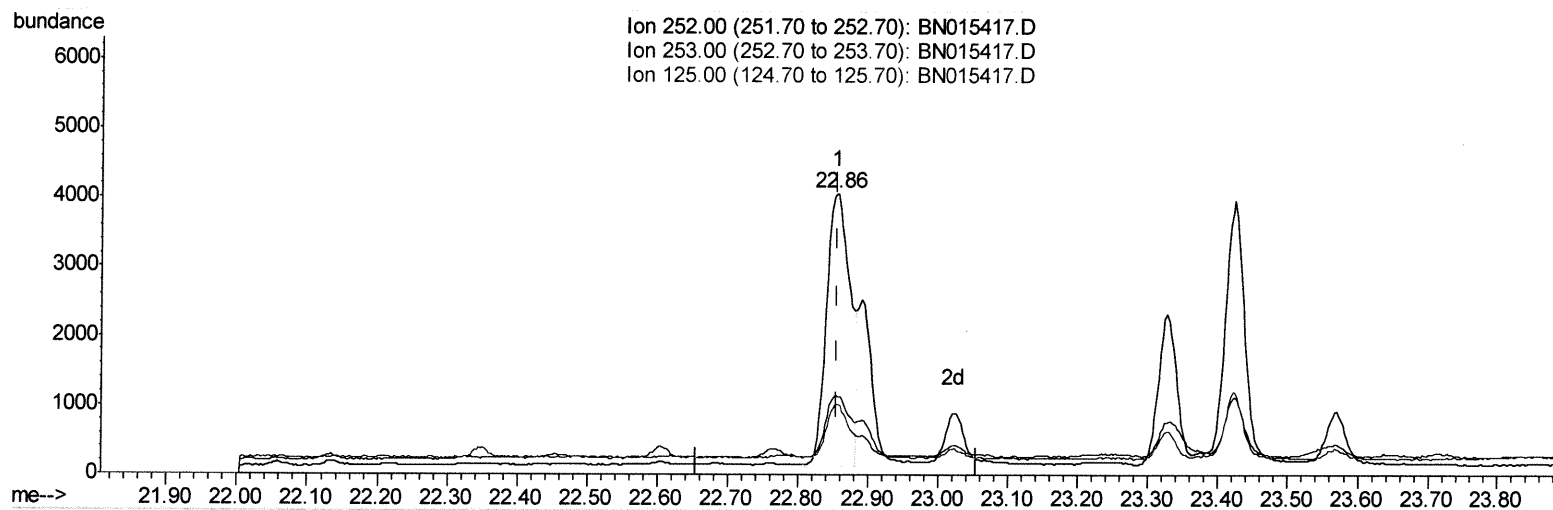
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(24) Benzo(b)fluoranthene

22.856min (+0.000) 0.29ng/ul m 07/12/21JU

response 9379

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.80 | 27.94 |
| 125.00 | 14.20 | 24.98 |
| 0.00   | 0.00  | 0.00  |

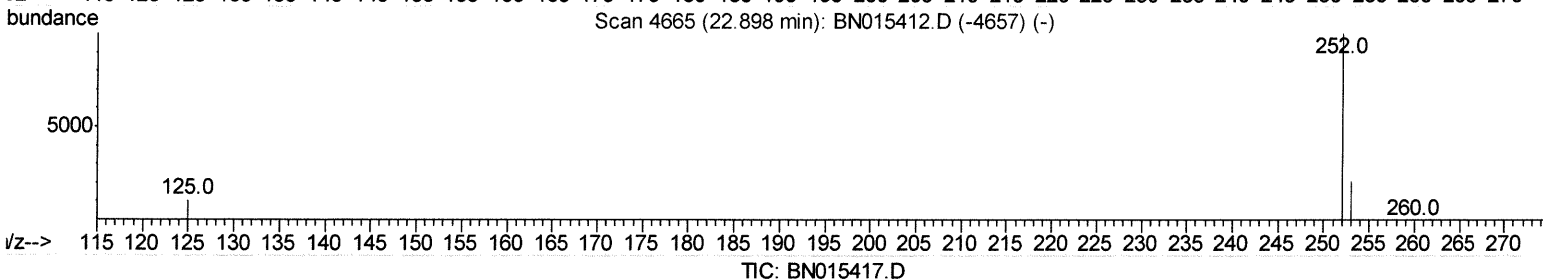
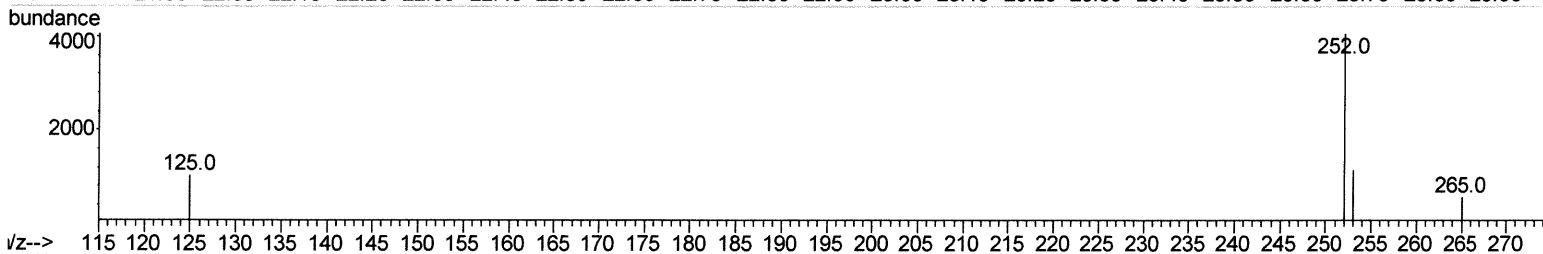
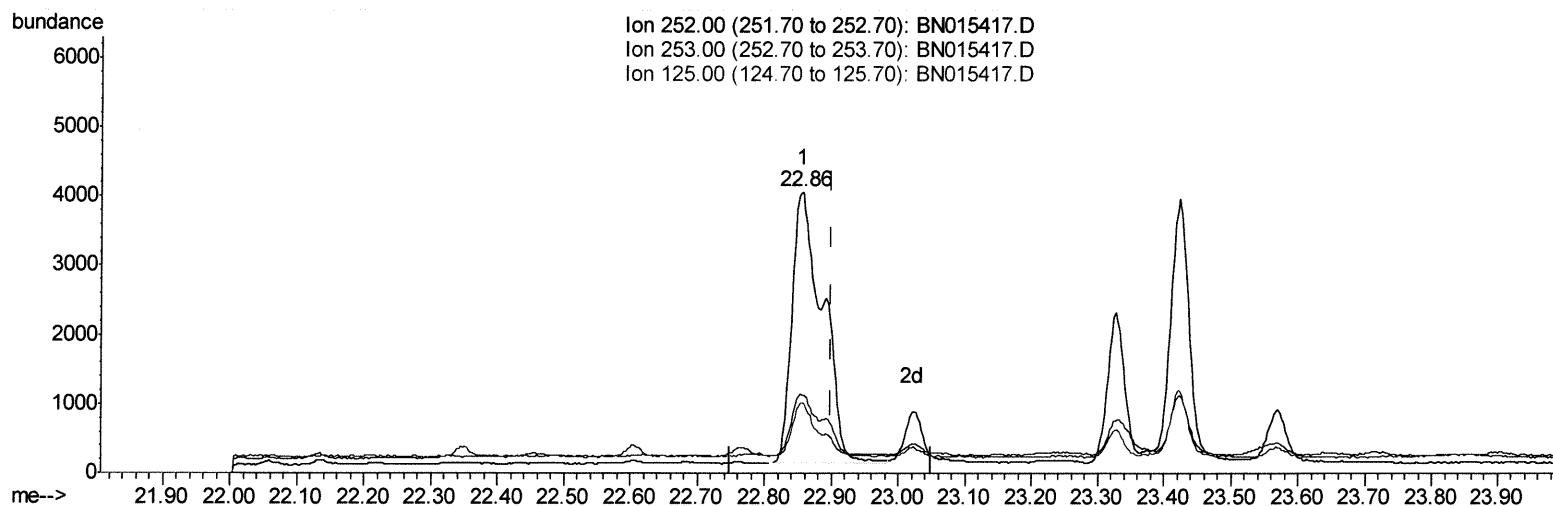
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Manual Integrations  
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(25) Benzo(k)fluoranthene

22.856min (-0.044) 0.35ng/ul

response 12664

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.60 | 27.94# |
| 125.00 | 14.40 | 24.98# |
| 0.00   | 0.00  | 0.00   |

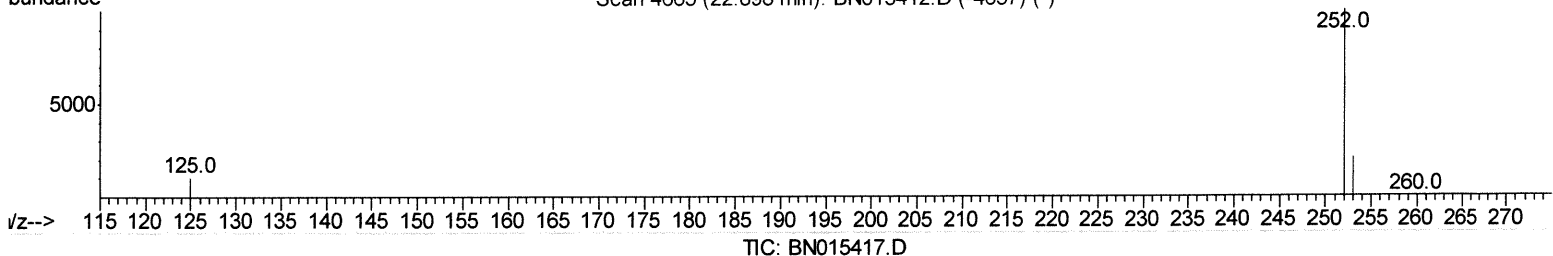
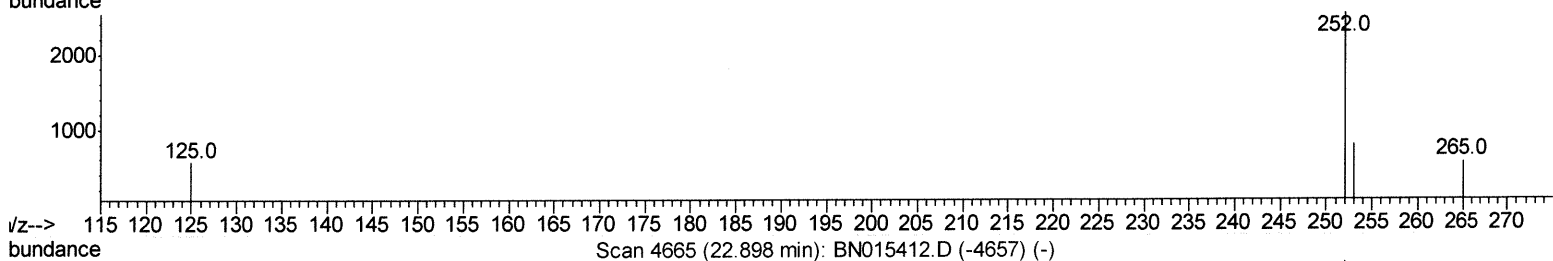
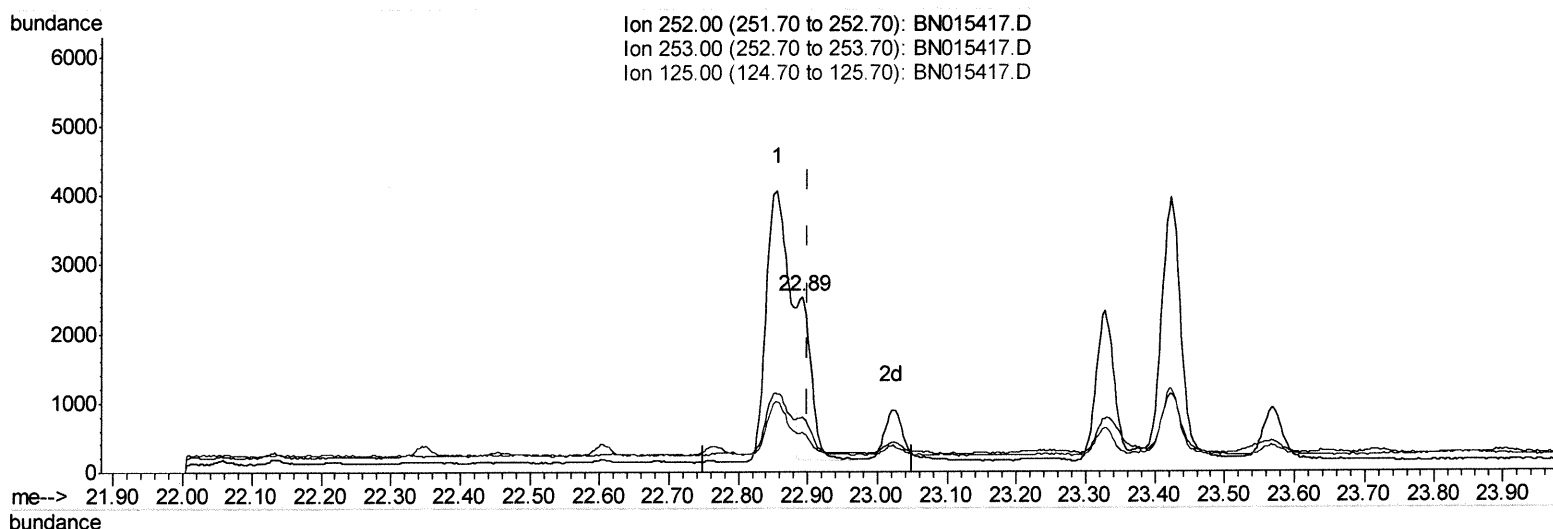
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 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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(25) Benzo(k)fluoranthene

22.891min (-0.009) 0.09ng/ul m 07/12/21 JU

response 3330

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.60 | 31.11# |
| 125.00 | 14.40 | 22.50# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070821\  
 Data File : BN015417.D  
 Acq On : 08 Jul 2021 20:27  
 Operator : CG/JU  
 Sample : M2825-17  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 2710     | 0.40 | ng/ul | 0.00     |
| 4) Naphthalene-d8         | 10.49 | 136  | 9080     | 0.40 | ng/ul | 0.00     |
| 9) Acenaphthene-d10       | 14.34 | 164  | 4738     | 0.40 | ng/ul | 0.00     |
| 13) Phenanthrene-d10      | 17.09 | 188  | 9664     | 0.40 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.28 | 240  | 7902     | 0.40 | ng/ul | 0.00     |
| 23) Perylene-d12          | 23.52 | 264  | 6820     | 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   | 2077     | 0.68 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.07 | 152  | 1342     | 0.09 | ng/ul | 0.00     |
| 18) Fluoranthene-d10        | 19.12 | 212  | 2589     | 0.10 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue       |
|----------------------------|-------|------|----------|-------|--------|--------------|
| 5) Naphthalene             | 10.53 | 128  | 1053     | 0.036 | ng/ul# | 84           |
| 10) Acenaphthylene         | 14.06 | 152  | 643      | 0.026 | ng/ul# | 77           |
| 11) Acenaphthene           | 14.40 | 153  | 623      | 0.033 | ng/ul  | 96           |
| 12) Fluorene               | 15.39 | 166  | 942      | 0.045 | ng/ul# | 93           |
| 15) Phenanthrene           | 17.13 | 178  | 6781     | 0.193 | ng/ul  | 98           |
| 16) Anthracene             | 17.22 | 178  | 2712     | 0.088 | ng/ul# | 92           |
| 19) Fluoranthene           | 19.15 | 202  | 16726    | 0.458 | ng/ul  | 100          |
| 20) Pyrene                 | 19.51 | 202  | 21139    | 0.577 | ng/ul  | 100          |
| 21) Benzo(a)anthracene     | 21.27 | 228  | 8435     | 0.288 | ng/ul  | 96           |
| 22) Chrysene               | 21.32 | 228  | 7537     | 0.215 | ng/ul  | 97           |
| 24) Benzo(b)fluoranthene   | 22.86 | 252  | 9379m    | 0.294 | ng/ul  | > 07/12/21JU |
| 25) Benzo(k)fluoranthene   | 22.89 | 252  | 3330m    | 0.093 | ng/ul  | >            |
| 26) Benzo(a)pyrene         | 23.42 | 252  | 7166     | 0.268 | ng/ul# | 81           |
| 27) Indeno(1,2,3-cd)pyrene | 25.77 | 276  | 3747     | 0.116 | ng/ul# | 90           |
| 28) Dibenzo(a,h)anthracene | 25.77 | 278  | 1009     | 0.040 | ng/ul# | 61           |
| 29) Benzo(a,h,i)perylene   | 26.45 | 276  | 990      | 0.033 | ng/ul# | 70           |

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