

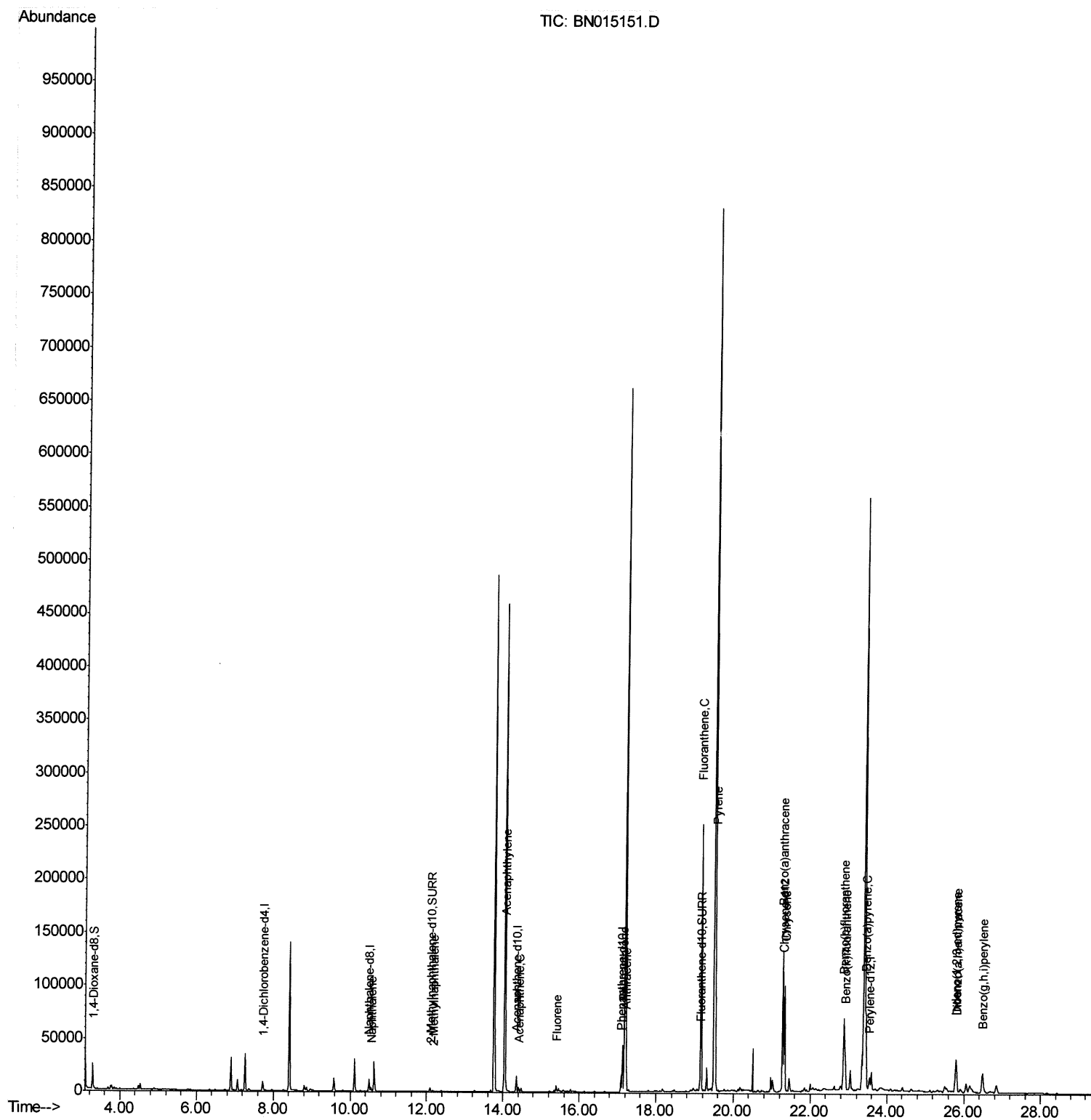
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\  
Data File : BN015151.D  
Acq On : 27 Jun 2021 13:53  
Operator : CG/JU  
Sample : M2704-11  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BGDD4

Quant Time: Jun 28 04:01:20 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 : Tue Jun 22 11:53:52 2021  
Response via : Initial Calibration

Manual Integrations  
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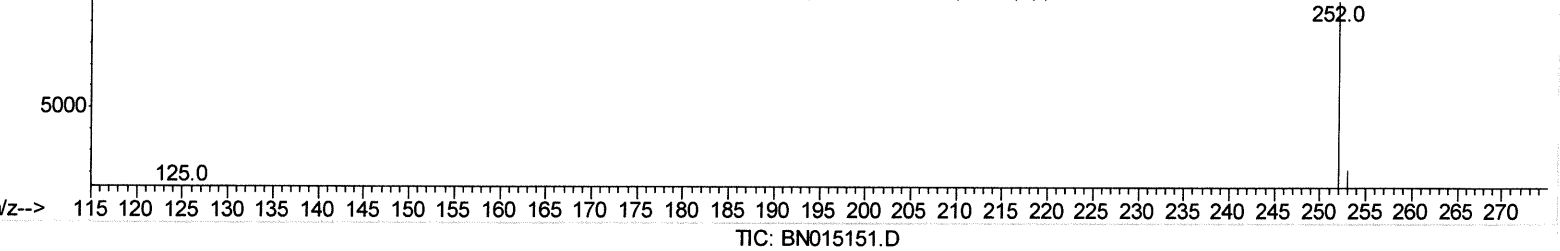
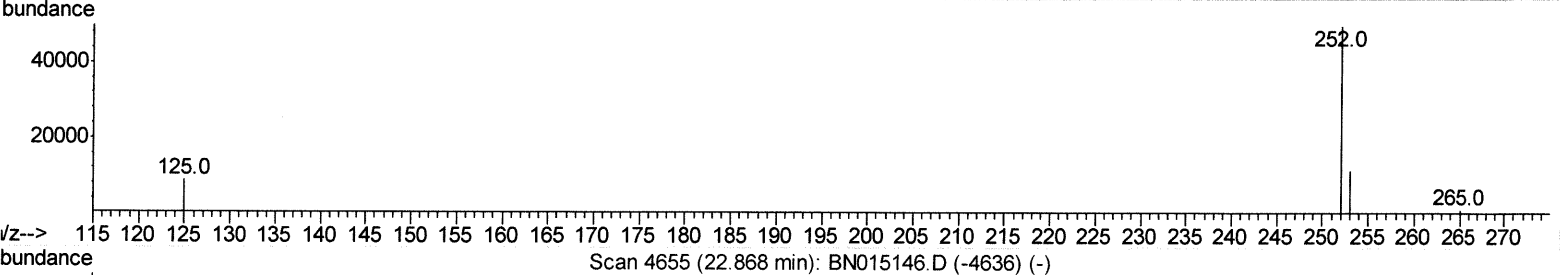
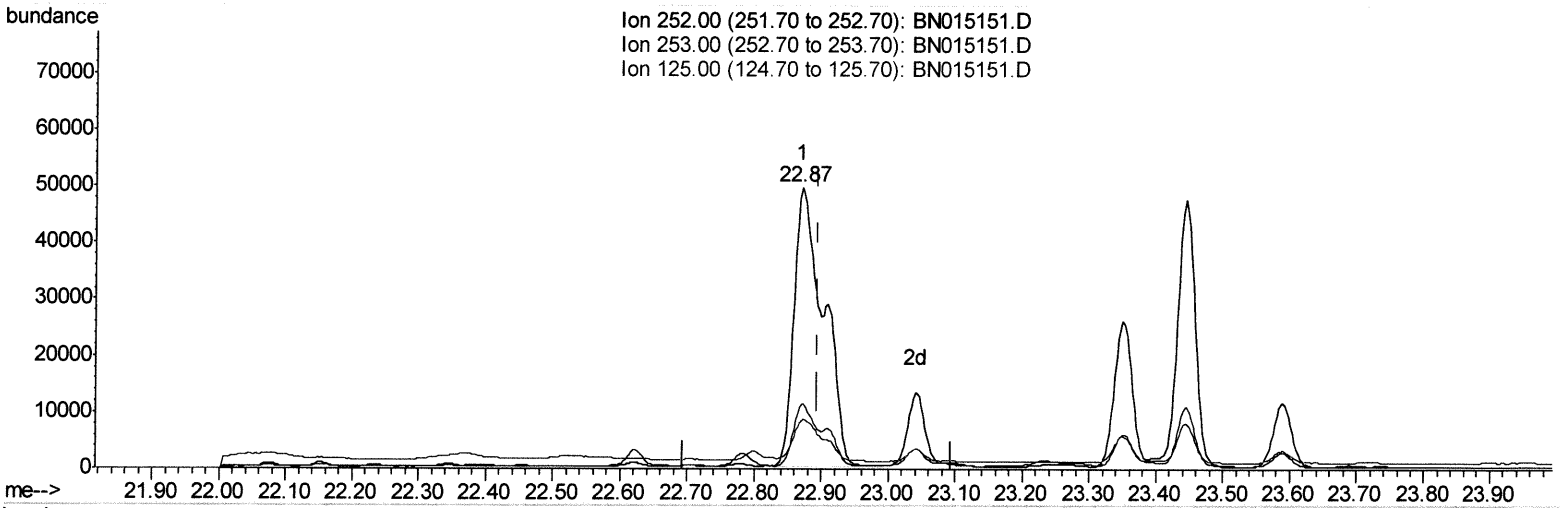


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(24) Benzo(b)fluoranthene

22.871min (-0.024) 2.20ng/ul

response 152328

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.80 | 23.10 |
| 125.00 | 14.20 | 17.27 |
| 0.00   | 0.00  | 0.00  |

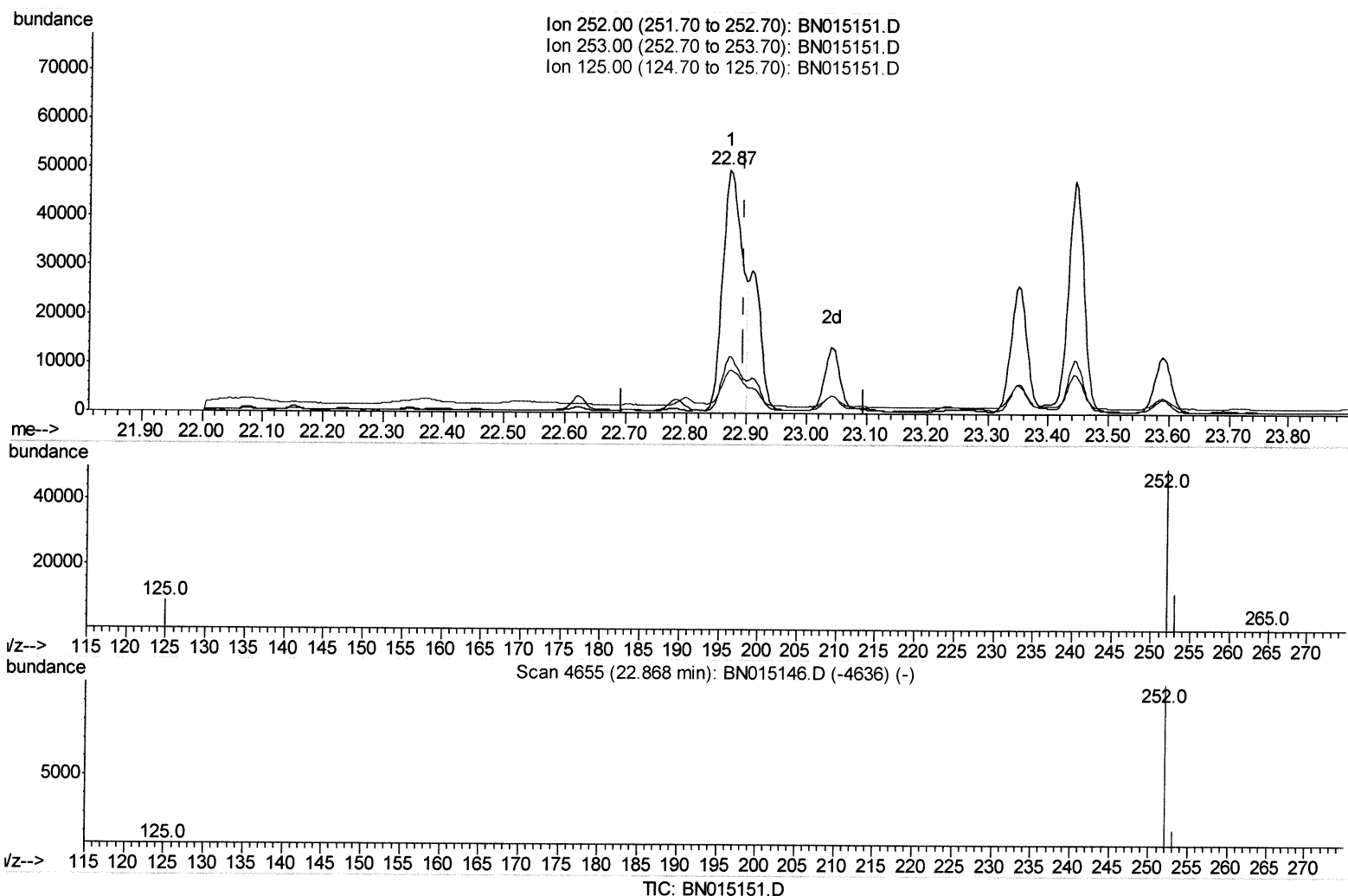
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Instrument :  
 BNA\_N  
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(24) Benzo(b)fluoranthene

22.871min (-0.024) 1.61ng/ul m

response 111265

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.80 | 23.10 |
| 125.00 | 14.20 | 17.27 |
| 0.00   | 0.00  | 0.00  |

*Jub/20/21*

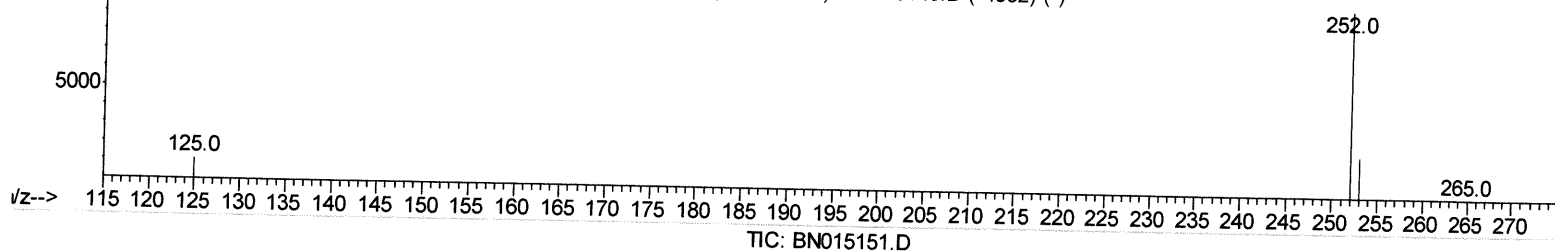
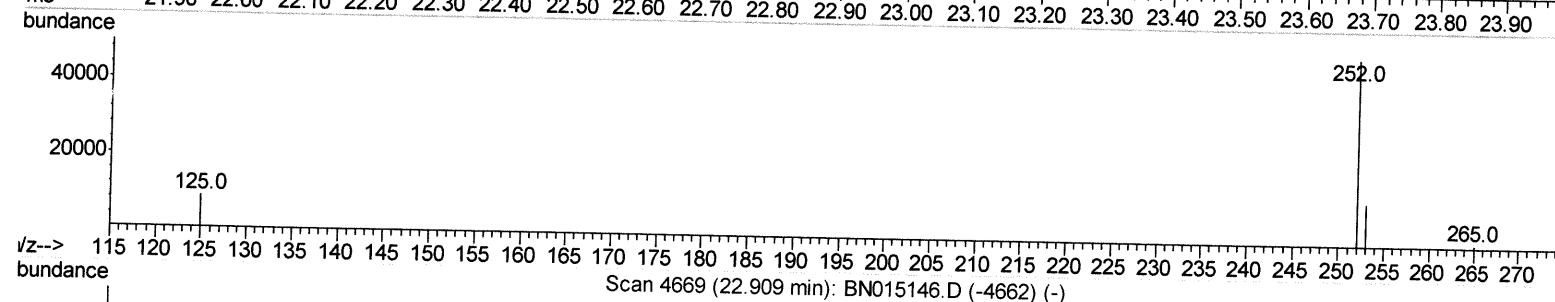
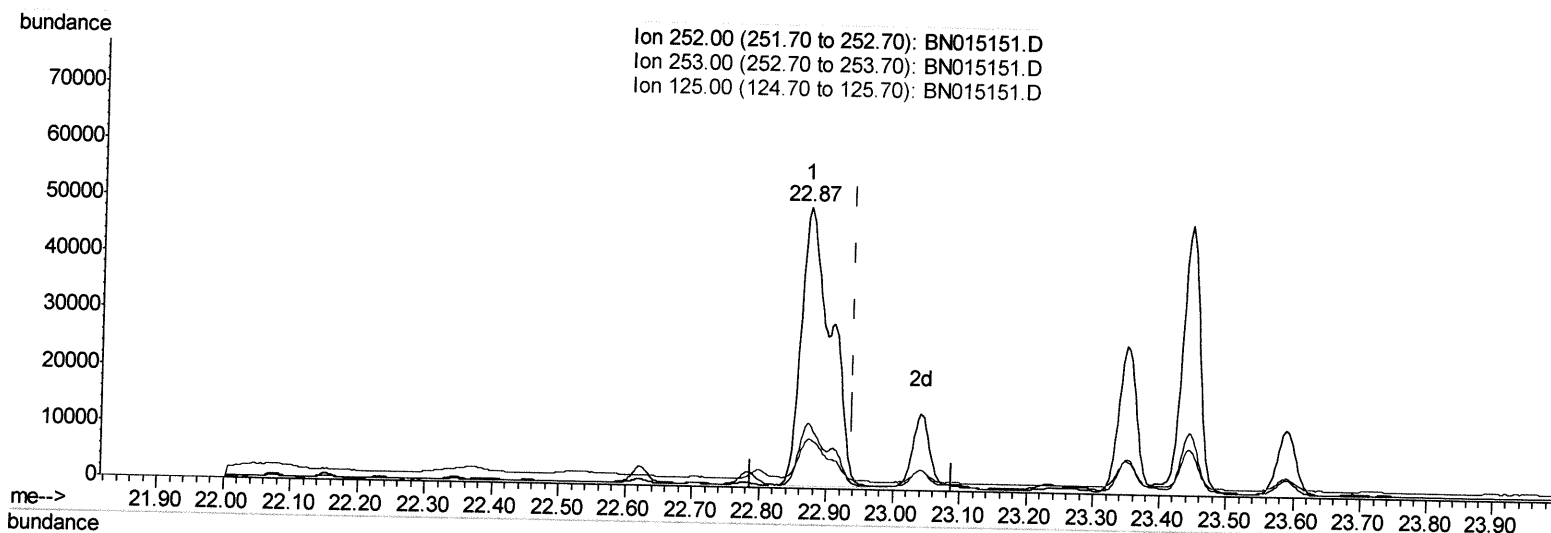
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 Sample : M2704-11  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGDD4

Manual Integrations  
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Quant Time: Jun 28 04:00:15 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M  
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 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.871min (-0.068) 1.95ng/ul

response 152328

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.60 | 23.10 |
| 125.00 | 14.40 | 17.27 |
| 0.00   | 0.00  | 0.00  |

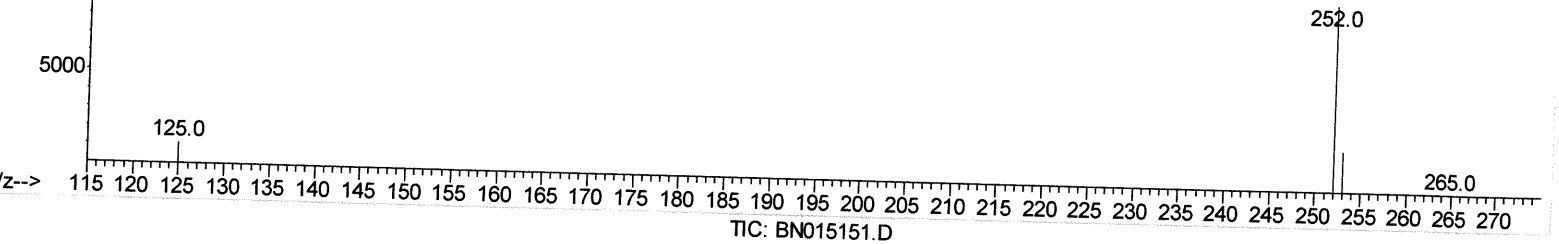
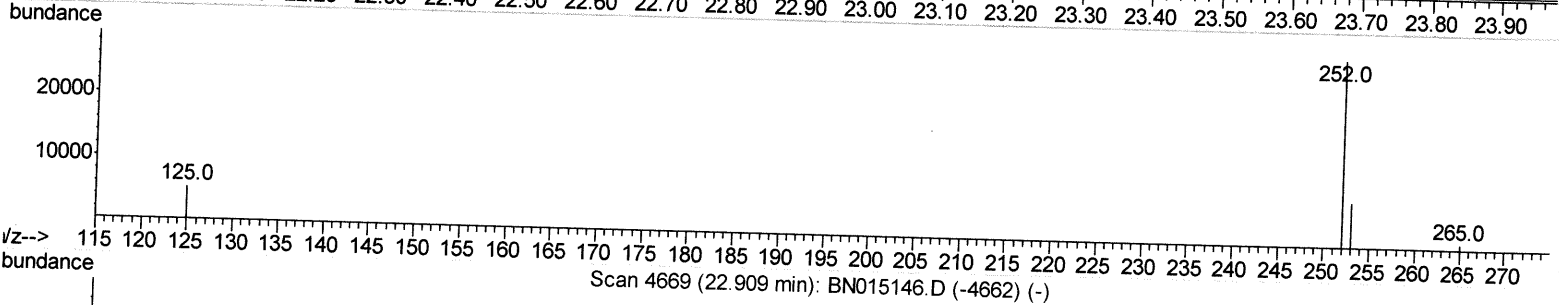
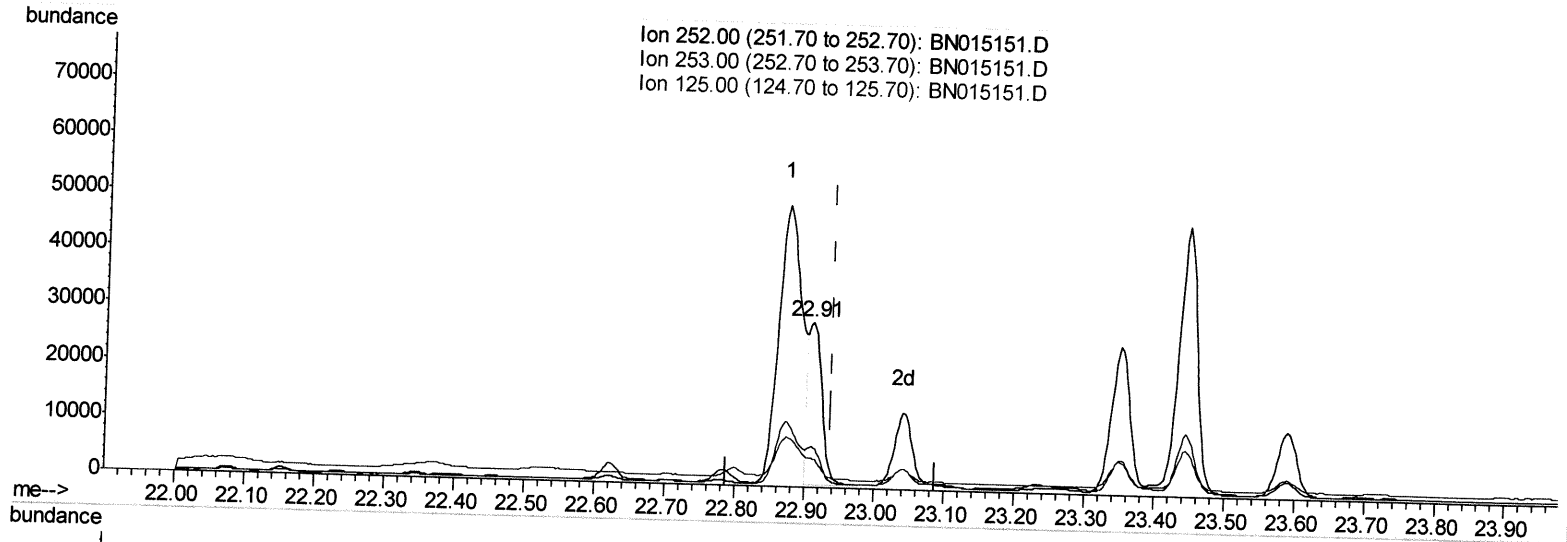
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 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
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(25) Benzo(k)fluoranthene

22.909min (-0.030) 0.52ng/ul m

response 40519

*ju 6/28/21*

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.60 | 24.62  |
| 125.00 | 14.40 | 17.83# |
| 0.00   | 0.00  | 0.00   |

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 Operator : CG/JU  
 Sample : M2704-11  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BGDD4

Manual Integrations  
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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)       |
|-----------------------------|-------|------|----------|-------|--------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.73  | 152  | 4072     | 0.40  | ng/ul  | -0.01          |
| 4) Naphthalene-d8           | 10.50 | 136  | 14519    | 0.40  | ng/ul  | -0.01          |
| 9) Acenaphthene-d10         | 14.35 | 164  | 8114     | 0.40  | ng/ul  | -0.01          |
| 13) Phenanthrene-d10        | 17.10 | 188  | 17338    | 0.40  | ng/ul  | -0.01          |
| 17) Chrysene-d12            | 21.30 | 240  | 15520    | 0.40  | ng/ul  | -0.02          |
| 23) Perylene-d12            | 23.54 | 264  | 14812    | 0.40  | ng/ul  | -0.03          |
| System Monitoring Compounds |       |      |          |       |        |                |
| 3) 1,4-Dioxane-d8           | 3.28  | 96   | 14636    | 3.19  | ng/ul  | -0.01          |
| 6) 2-Methylnaphthalene-d10  | 12.09 | 152  | 4307     | 0.19  | ng/ul  | -0.01          |
| 18) Fluoranthene-d10        | 19.13 | 212  | 11622    | 0.23  | ng/ul  | -0.02          |
| Target Compounds            |       |      |          |       |        |                |
| 5) Naphthalene              | 10.55 | 128  | 4390     | 0.095 | ng/ul  | 95             |
| 7) 2-Methylnaphthalene      | 12.16 | 142  | 609      | 0.020 | ng/ul  | 98             |
| 10) Acenaphthylene          | 14.07 | 152  | 6124     | 0.146 | ng/ul  | 95             |
| 11) Acenaphthene            | 14.41 | 153  | 2596     | 0.081 | ng/ul  | 98             |
| 12) Fluorene                | 15.40 | 166  | 3795     | 0.107 | ng/ul  | 98             |
| 15) Phenanthrene            | 17.14 | 178  | 47281    | 0.751 | ng/ul  | 99             |
| 16) Anthracene              | 17.23 | 178  | 23647    | 0.426 | ng/ul  | 99             |
| 19) Fluoranthene            | 19.16 | 202  | 205687   | 2.868 | ng/ul  | 98             |
| 20) Pyrene                  | 19.53 | 202  | 166911   | 2.321 | ng/ul  | 100            |
| 21) Benzo(a)anthracene      | 21.28 | 228  | 110433   | 1.921 | ng/ul  | 94             |
| 22) Chrysene                | 21.33 | 228  | 89613    | 1.302 | ng/ul  | 98             |
| 24) Benzo(b)fluoranthene    | 22.87 | 252  | 111265m  | 1.608 | ng/ul  | } - Ju 6/30/21 |
| 25) Benzo(k)fluoranthene    | 22.91 | 252  | 40519m   | 0.519 | ng/ul  |                |
| 26) Benzo(a)pyrene          | 23.44 | 252  | 85367    | 1.469 | ng/ul  | 100            |
| 27) Indeno(1,2,3-cd)pyrene  | 25.79 | 276  | 48897    | 0.697 | ng/ul# | 90             |
| 28) Dibenzo(a,h)anthracene  | 25.80 | 278  | 12474    | 0.227 | ng/ul# | 88             |
| 29) Benzo(a,h,i)perylene    | 26.48 | 276  | 37999    | 0.584 | ng/ul  | 97             |

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