

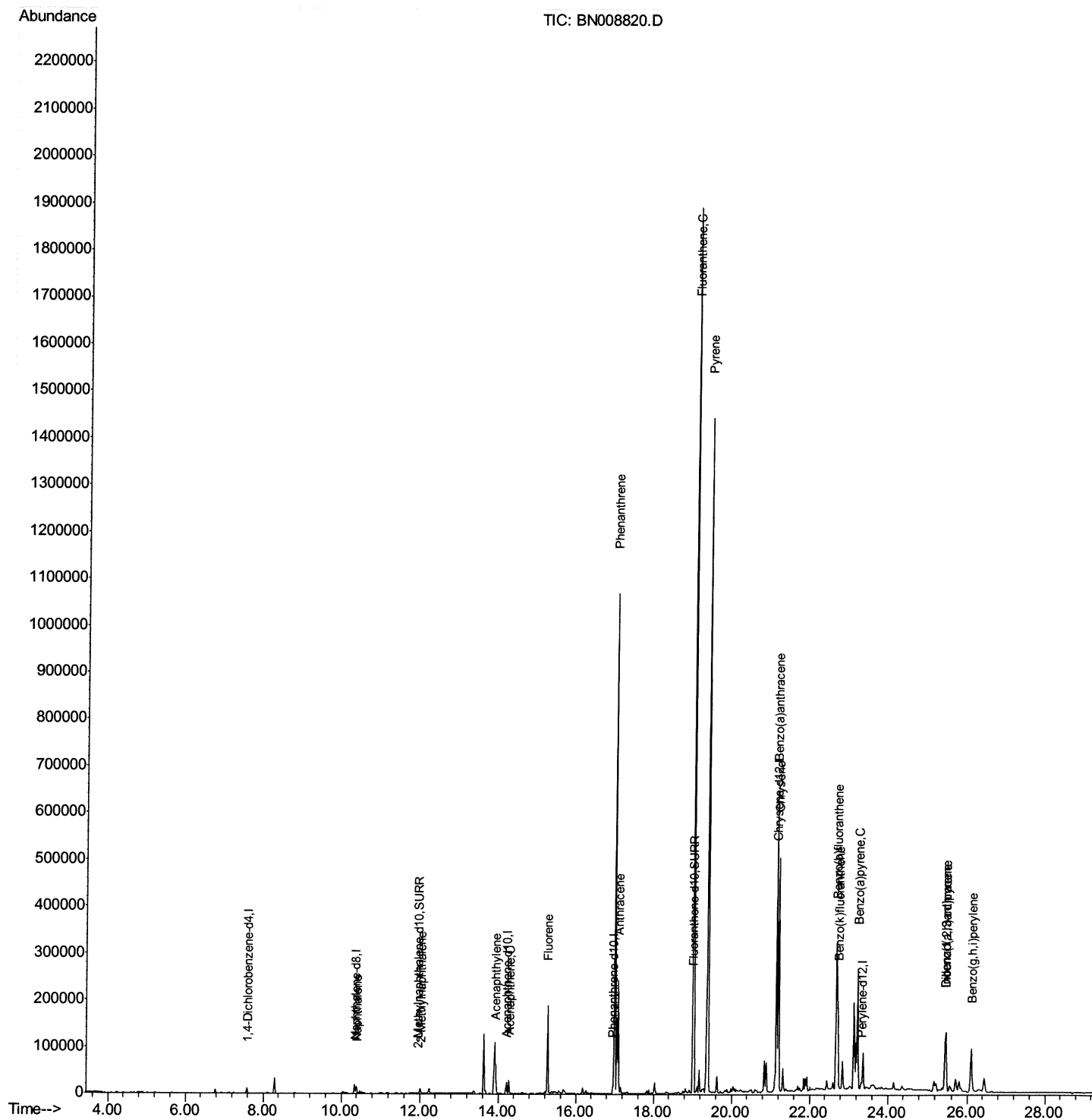
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\  
Data File : BN008820.D  
Acq On : 02 Dec 2019 18:29  
Operator : JU  
Sample : K5851-10DL 5X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AA8DL

Manual Integrations  
APPROVED

mohammad  
12/3/2019 2:39:02 PM

Quant Time: Dec 03 00:23:57 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 02 12:46:36 2019  
Response via : Initial Calibration



## Quantitation Report (Qedit)

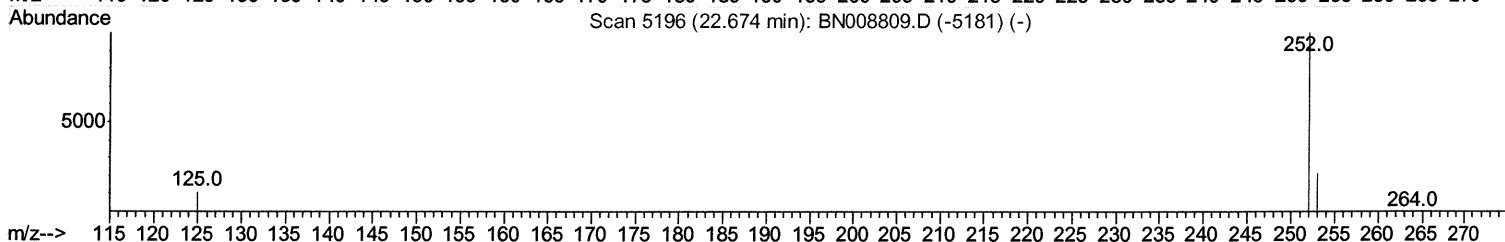
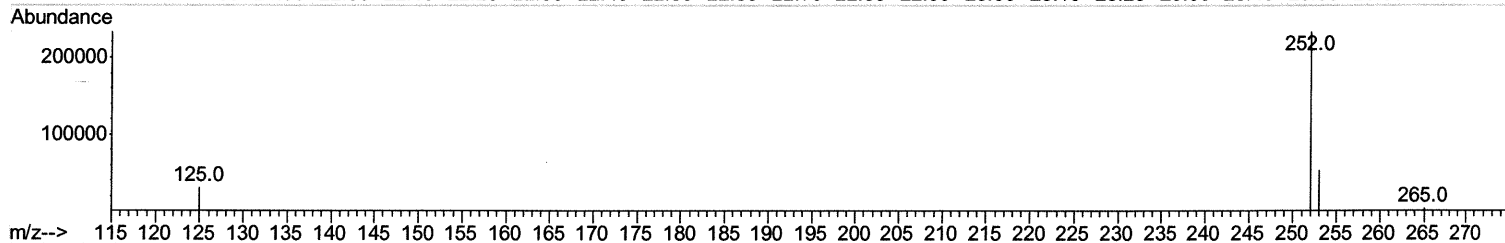
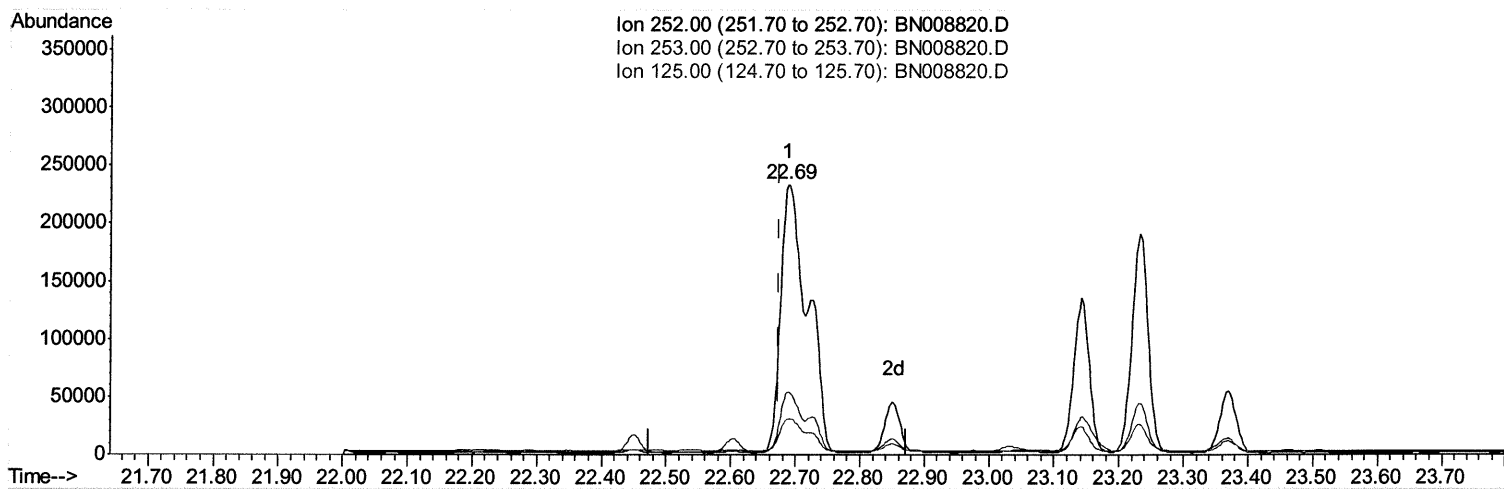
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TIC: BN008820.D

(21) Benzo(b)fluoranthene

22.688min (+0.015) 10.04ng/ul

response 669884

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.30 | 23.15 |
| 125.00 | 15.80 | 13.31 |
| 0.00   | 0.00  | 0.00  |

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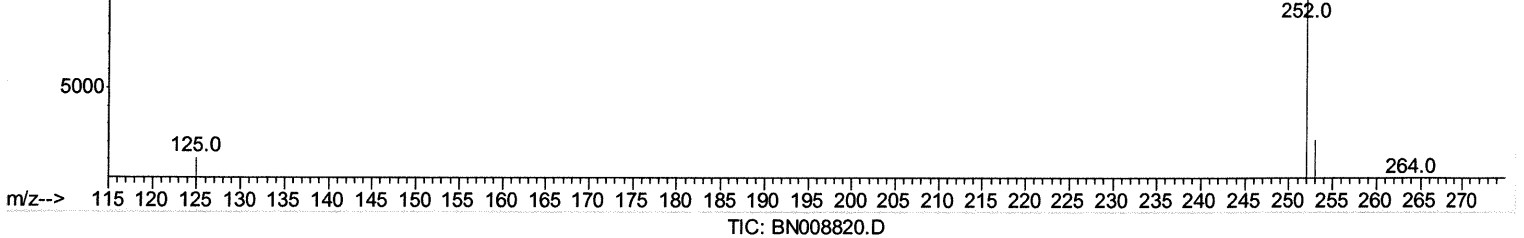
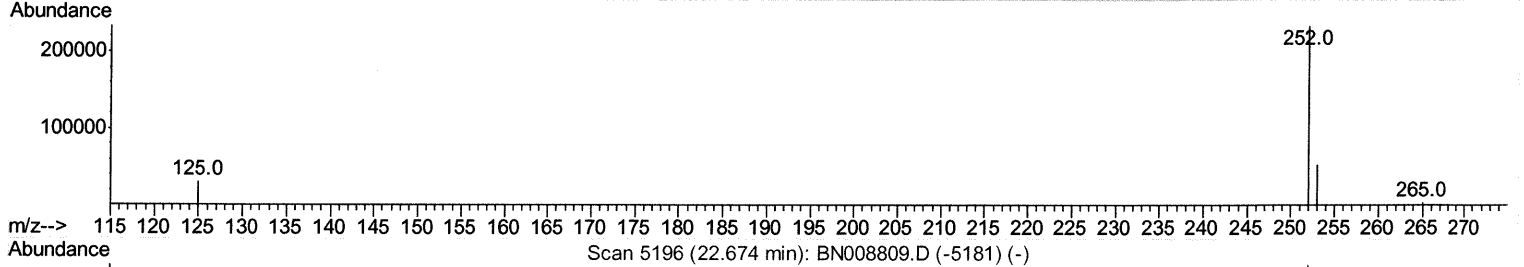
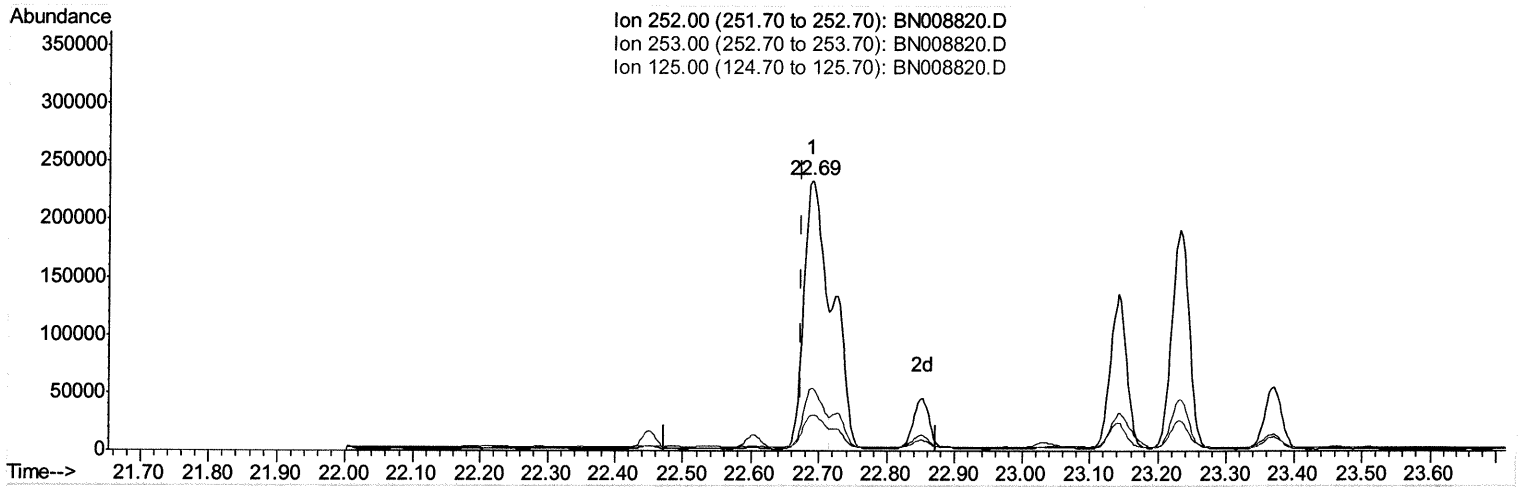
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(21) Benzo(b)fluoranthene

22.688min (+0.015) 7.29ng/ul m JU 12/03/19

response 486806

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.30 | 23.15 |
| 125.00 | 15.80 | 13.31 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

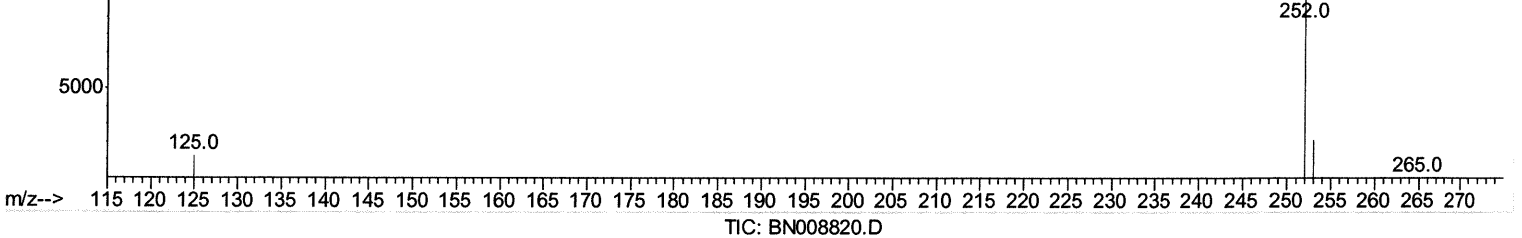
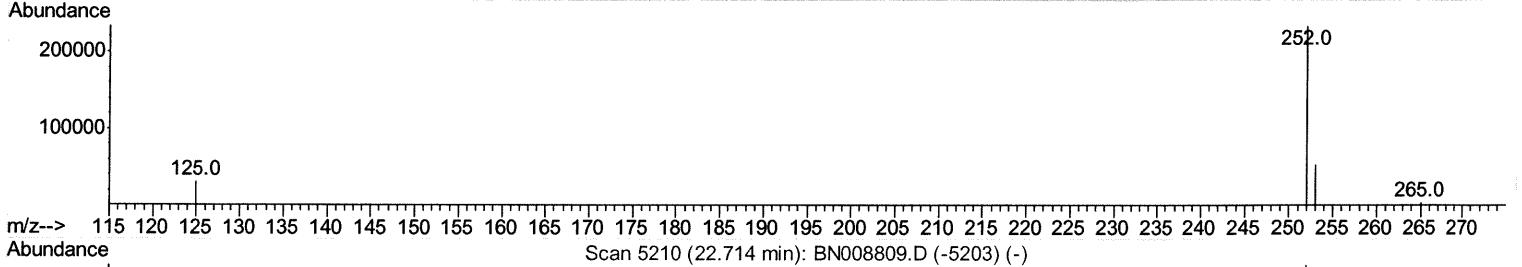
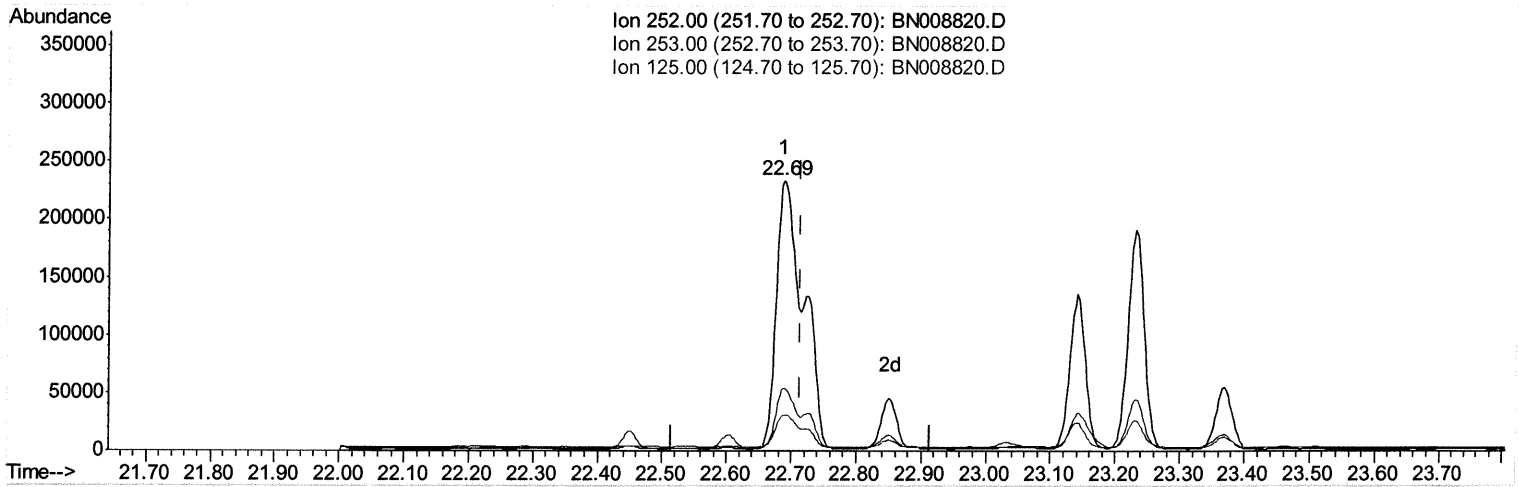
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(22) Benzo(k)fluoranthene  
 22.688min (-0.026) 10.12ng/ul  
 response 669884

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.50 | 23.15  |
| 125.00 | 17.20 | 13.31# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

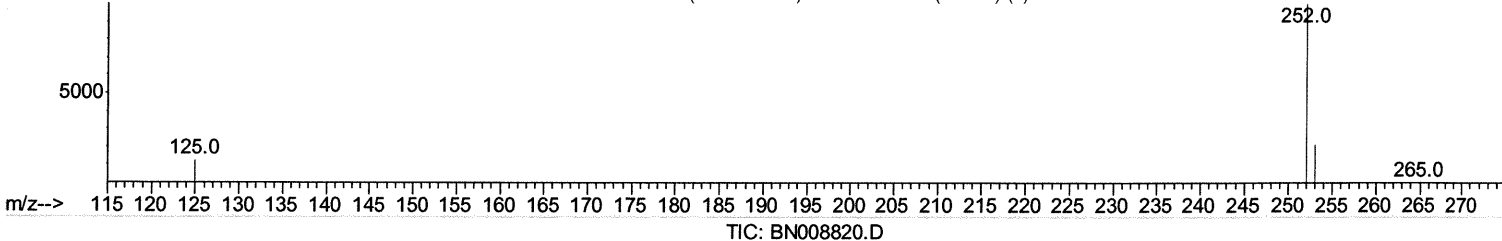
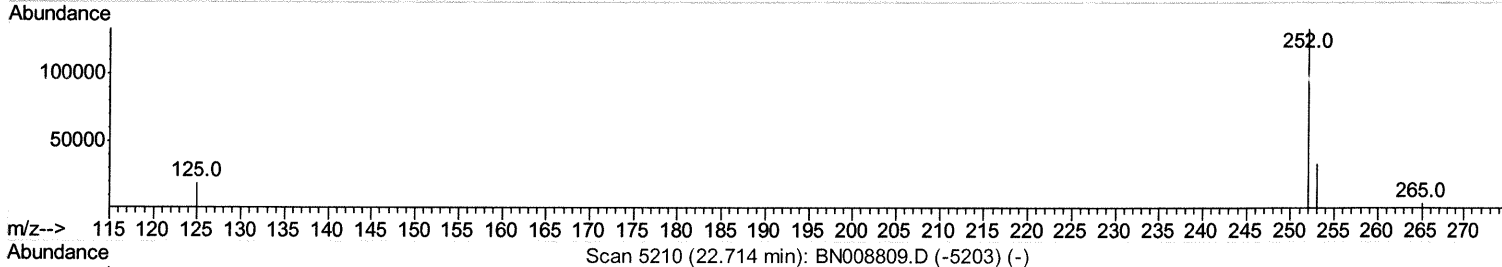
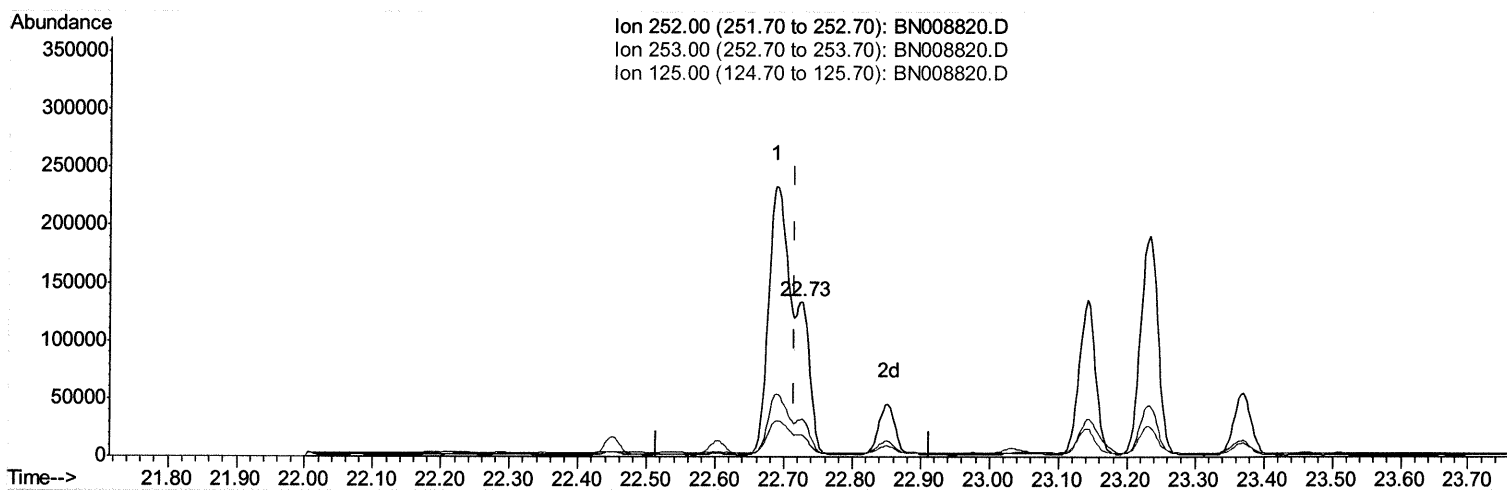
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(22) Benzo(k)fluoranthene

22.726min (+0.012) 2.71ng/ul m JU 12/03/19

response 179233

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.50 | 24.76 |
| 125.00 | 17.20 | 14.17 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\  
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 Operator : JU  
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 Misc :  
 ALS Vial : 13 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 | 7.59  | 152  | 5473     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.35 | 136  | 22285    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.21 | 164  | 12545    | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.96 | 188  | 25236    | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.16 | 240  | 16976    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.33 | 264  | 16187    | 0.40 | ng/ul | 0.01     |

## System Monitoring Compounds

|                            |       |     |      |      |       |      |
|----------------------------|-------|-----|------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 11.94 | 152 | 959  | 0.03 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 19.00 | 212 | 2143 | 0.03 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |        |        | Ovalue        |
|----------------------------|-------|-----|---------|--------|--------|---------------|
| 3) Naphthalene             | 10.39 | 128 | 18967   | 0.282  | ng/ul  | 100           |
| 5) 2-Methylnaphthalene     | 12.02 | 142 | 8279    | 0.176  | ng/ul  | 99            |
| 7) Acenaphthylene          | 13.93 | 152 | 72284   | 1.042  | ng/ul  | 99            |
| 8) Acenaphthene            | 14.27 | 153 | 17354   | 0.337  | ng/ul  | 100           |
| 9) Fluorene                | 15.27 | 166 | 110779  | 1.833  | ng/ul  | 99            |
| 12) Phenanthrene           | 17.00 | 178 | 1101292 | 12.940 | ng/ul  | 99            |
| 13) Anthracene             | 17.09 | 178 | 246168  | 3.061  | ng/ul  | 100           |
| 15) Fluoranthene           | 19.02 | 202 | 1574184 | 15.055 | ng/ul  | 99            |
| 17) Pyrene                 | 19.39 | 202 | 1182980 | 17.370 | ng/ul  | 99            |
| 18) Benzo(a)anthracene     | 21.15 | 228 | 514233  | 7.532  | ng/ul  | 97            |
| 19) Chrysene               | 21.20 | 228 | 465580  | 6.943  | ng/ul  | 97            |
| 21) Benzo(b)fluoranthene   | 22.69 | 252 | 486806m | 7.293  | ng/ul  | } JU 12/03/19 |
| 22) Benzo(k)fluoranthene   | 22.73 | 252 | 179233m | 2.707  | ng/ul  |               |
| 23) Benzo(a)pyrene         | 23.23 | 252 | 339542  | 5.419  | ng/ul# | 94            |
| 24) Indeno(1,2,3-cd)pyrene | 25.45 | 276 | 193343  | 2.639  | ng/ul# | 91            |
| 25) Dibenzo(a,h)anthracene | 25.46 | 278 | 47431   | 0.801  | ng/ul# | 90            |
| 26) Benzo(a,h,i)perylene   | 26.11 | 276 | 180558  | 2.946  | ng/ul  | 98            |

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