

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\

Data File : BN006996.D

Acq On : 07 Aug 2019 20:21

Operator : HP/JU

Sample : K3893-17DL 10X

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 08 05:20:41 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 07 17:30:08 2019

Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

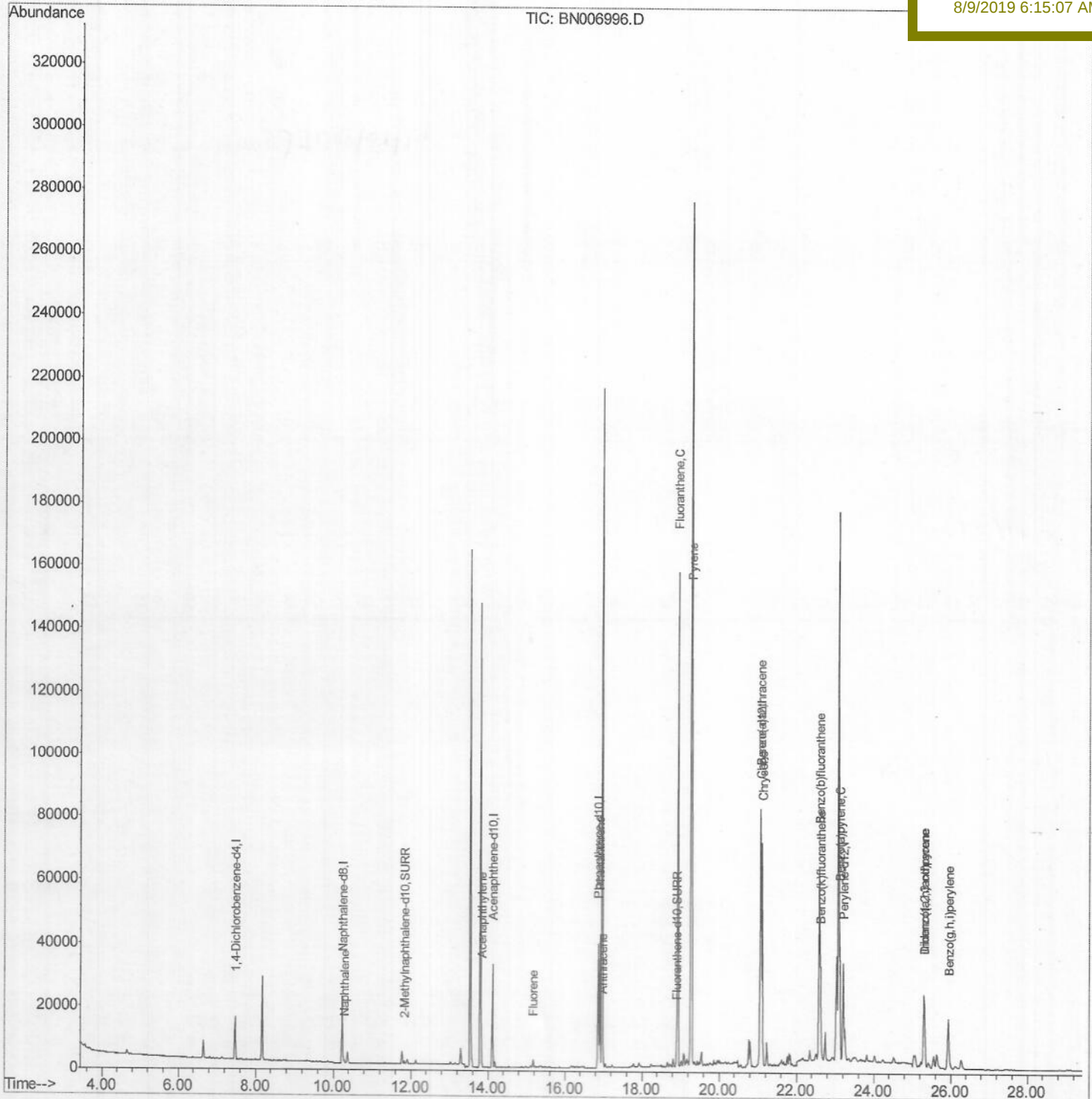
BEP21DL

Manual Integrations

APPROVED

mohammad

8/9/2019 6:15:07 AM



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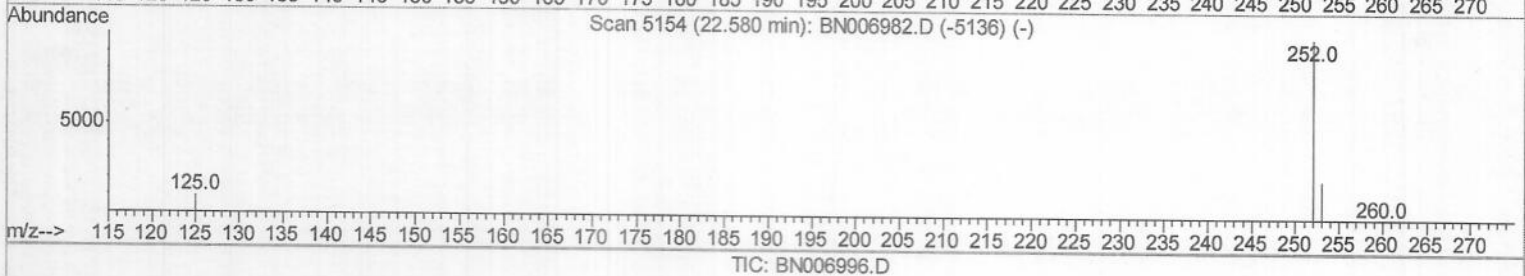
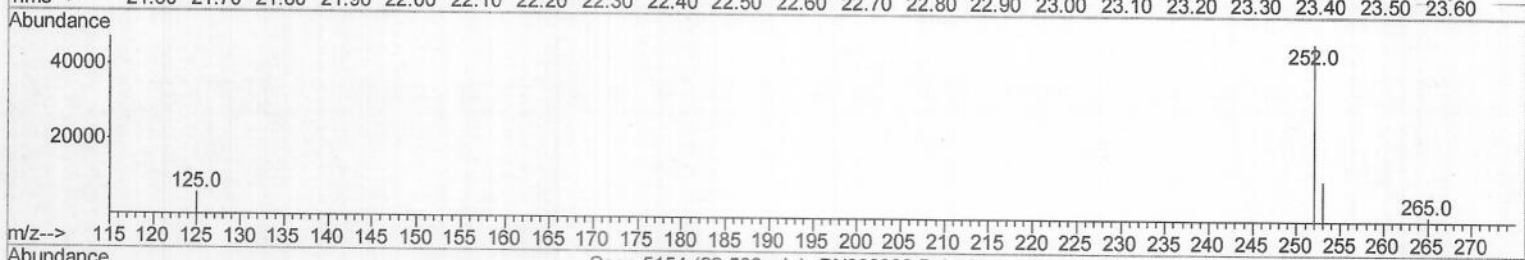
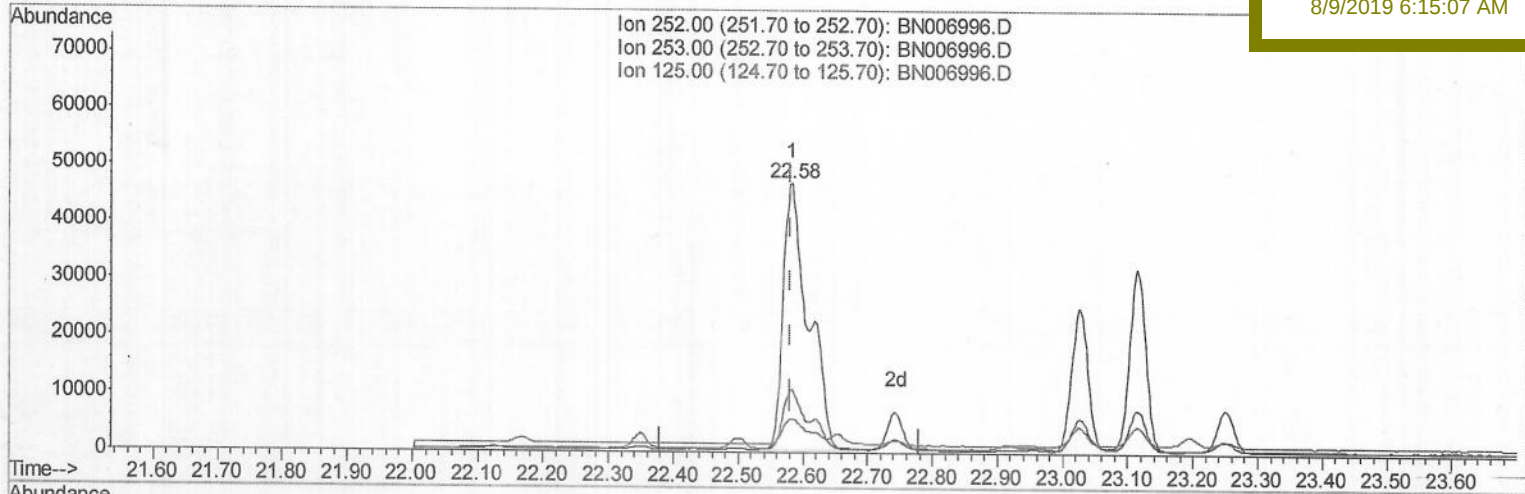
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Manual Integrations

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8/9/2019 6:15:07 AM



(21) Benzo(b)fluoranthene

22.583min (+0.003) 0.85ng/ul

response 126263

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.60 | 23.18 |
| 125.00 | 11.10 | 12.45 |
| 0.00   | 0.00  | 0.00  |

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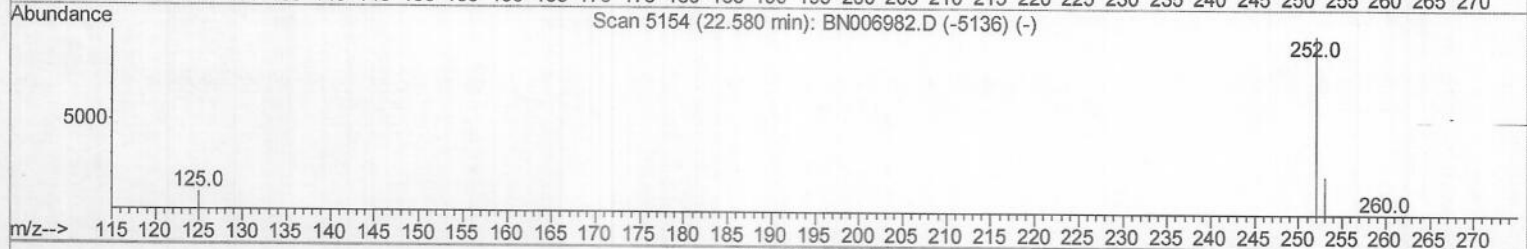
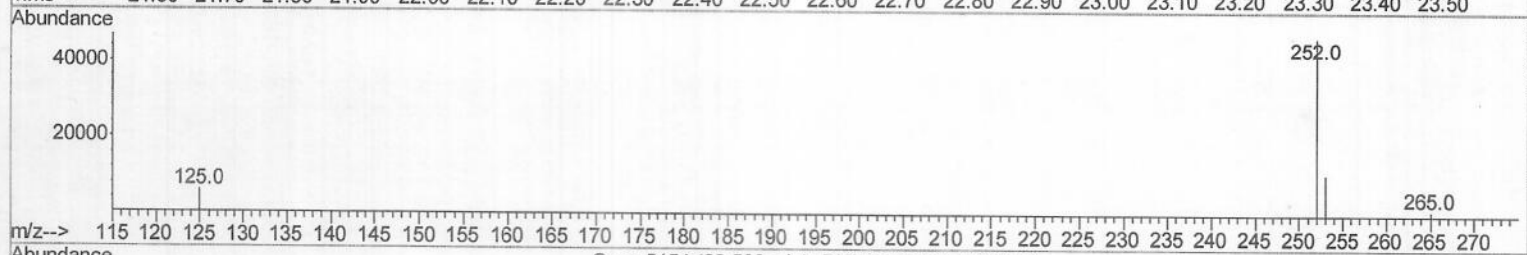
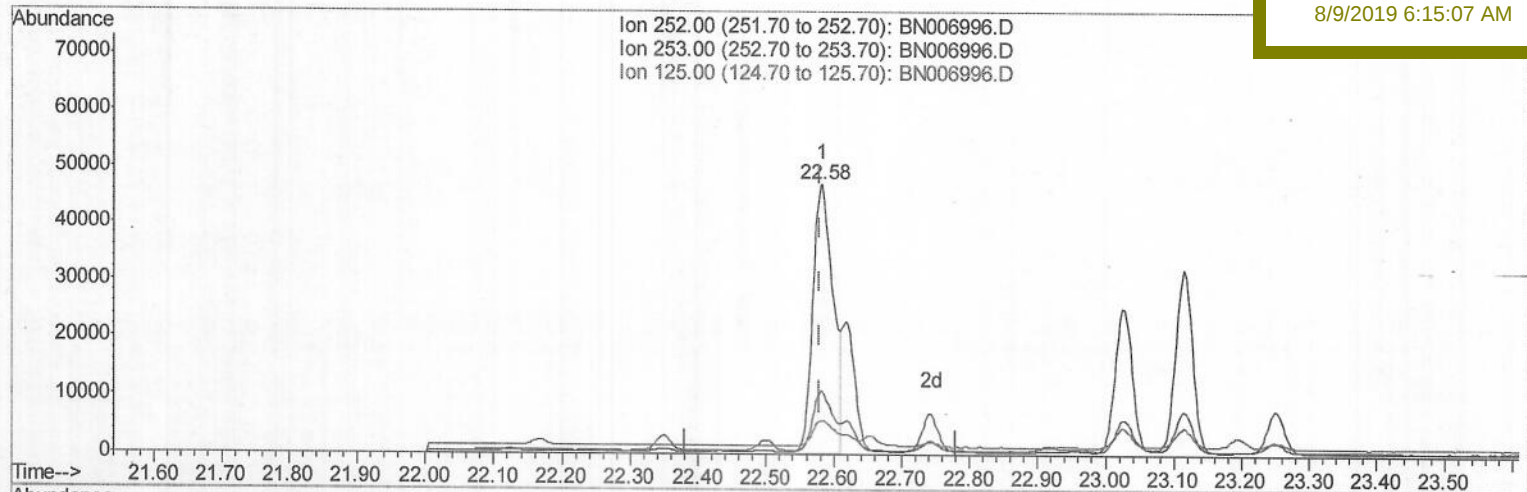
BEP21DL

Manual Integrations

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mohammad

8/9/2019 6:15:07 AM



TIC: BN006996.D

(21) Benzo(b)fluoranthene

22.583min (+0.003) 0.65ng/ul m) JU

response 96335

08/08/19

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.60 | 23.18 |
| 125.00 | 11.10 | 12.45 |
| 0.00   | 0.00  | 0.00  |

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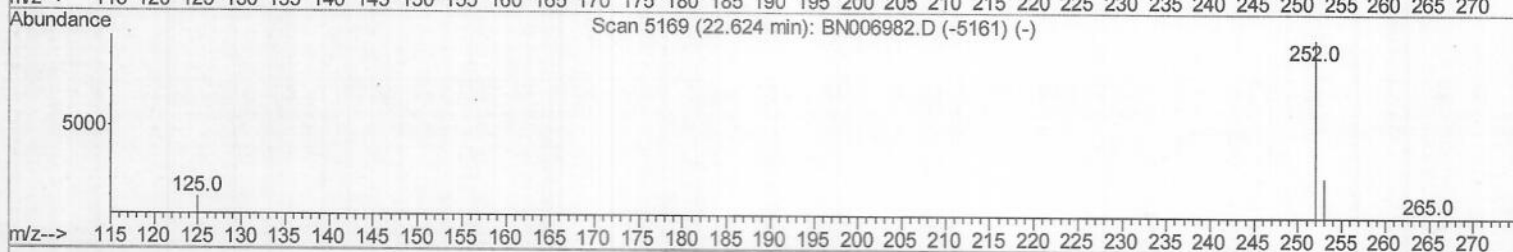
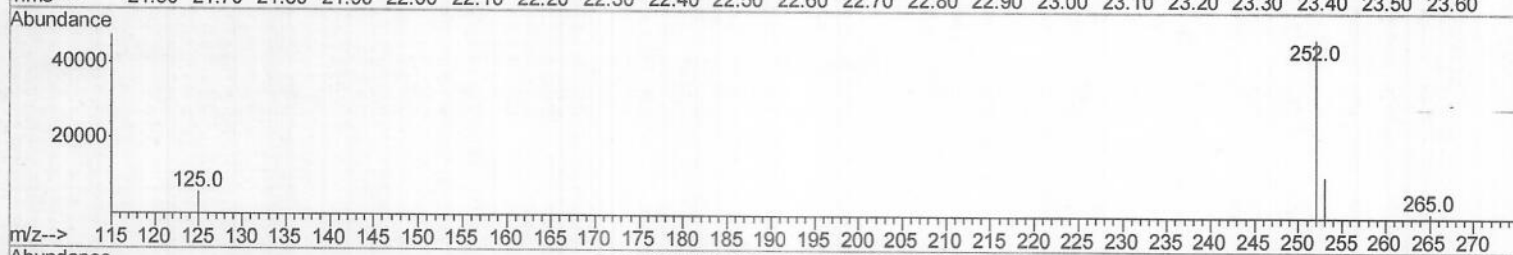
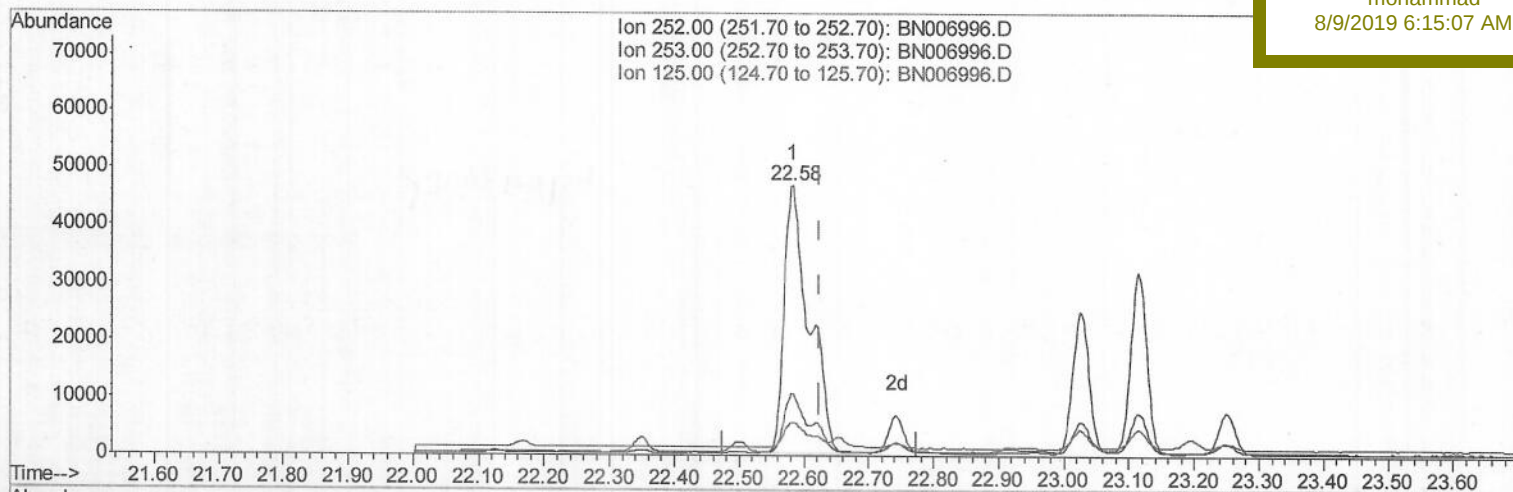
Response via : Initial Calibration

Instrument :

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ClientSampleId :

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Manual Integrations  
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8/9/2019 6:15:07 AM

TIC: BN006996.D

(22) Benzo(k)fluoranthene

22.583min (-0.041) 0.88ng/ul

response 126263

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.30 | 23.18 |
| 125.00 | 10.90 | 12.45 |
| 0.00   | 0.00  | 0.00  |

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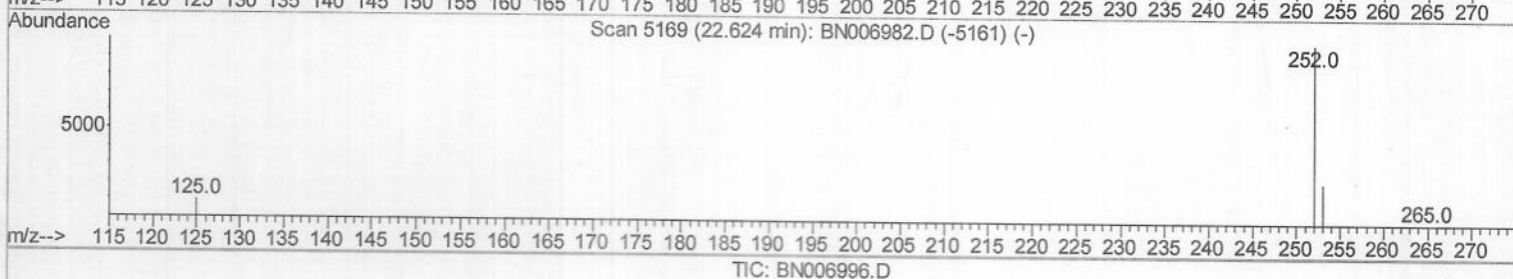
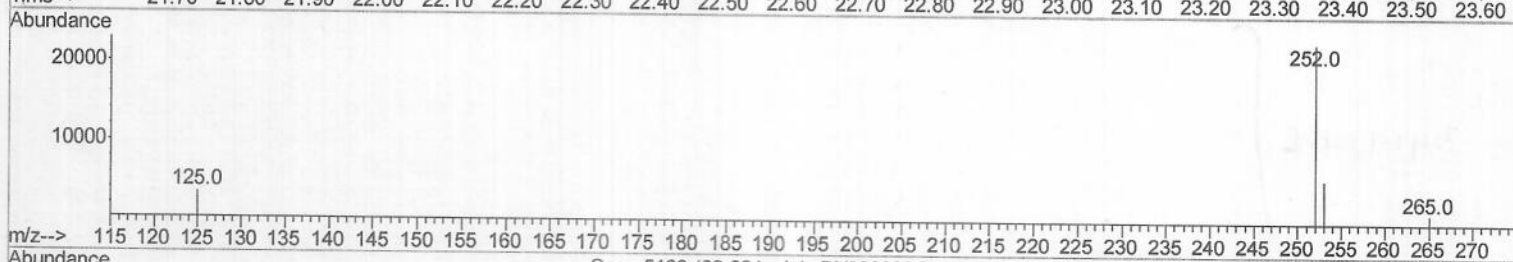
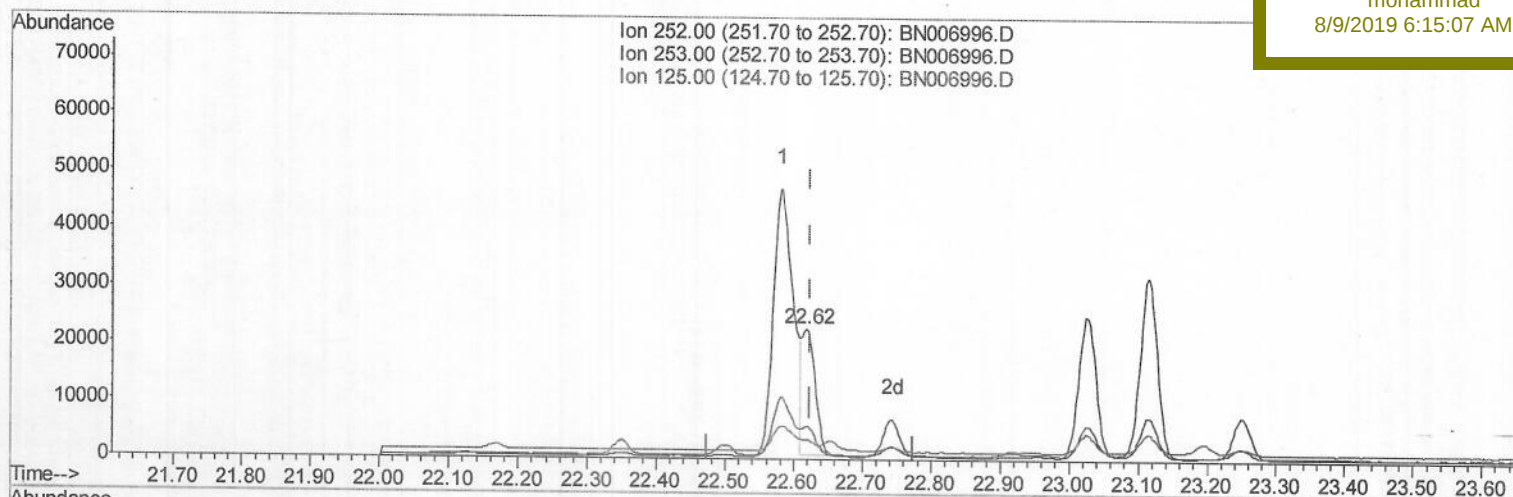
Response via : Initial Calibration

Instrument :

BNA\_N

ClientSampleId :

BEP21DL

Manual Integrations  
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8/9/2019 6:15:07 AM

(22) Benzo(k)fluoranthene

22.618min (-0.006) 0.20ng/ul m) JU

08/08/19

response 28762

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 23.30 | 25.12  |
| 125.00 | 10.90 | 15.24# |
| 0.00   | 0.00  | 0.00   |

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Manual Integrations  
APPROVEDmohammad  
8/9/2019 6:15:07 AM

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|---------------------------|-------|------|----------|------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.47  | 152  | 7023     | 0.40 | ng/ul | 0.00      |
| 2) Naphthalene-d8         | 10.23 | 136  | 28601    | 0.40 | ng/ul | 0.00      |
| 6) Acenaphthene-d10       | 14.12 | 164  | 18290    | 0.40 | ng/ul | 0.00      |
| 10) Phenanthrene-d10      | 16.86 | 188  | 46178    | 0.40 | ng/ul | 0.00      |
| 16) Chrysene-d12          | 21.08 | 240  | 41002    | 0.40 | ng/ul | 0.00      |
| 20) Perylene-d12          | 23.21 | 264  | 36494    | 0.40 | ng/ul | 0.00      |

## System Monitoring Compounds

|                            |       |     |      |      |       |      |
|----------------------------|-------|-----|------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 11.83 | 152 | 1220 | 0.02 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 18.90 | 212 | 3423 | 0.02 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |        |       | Ovalue |                |
|----------------------------|-------|-----|--------|-------|--------|----------------|
| 3) Naphthalene             | 10.28 | 128 | 1647   | 0.020 | ng/ul# | 77             |
| 7) Acenaphthylene          | 13.83 | 152 | 4987   | 0.047 | ng/ul# | 95             |
| 9) Fluorene                | 15.17 | 166 | 1810   | 0.021 | ng/ul# | 96             |
| 12) Phenanthrene           | 16.90 | 178 | 44342  | 0.301 | ng/ul  | 100            |
| 13) Anthracene             | 16.99 | 178 | 7490   | 0.050 | ng/ul  | 96             |
| 15) Fluoranthene           | 18.93 | 202 | 133043 | 0.727 | ng/ul  | 99             |
| 17) Pyrene                 | 19.29 | 202 | 114438 | 0.625 | ng/ul  | 100            |
| 18) Benzo(a)anthracene     | 21.06 | 228 | 59702  | 0.331 | ng/ul  | 97             |
| 19) Chrysene               | 21.11 | 228 | 71054  | 0.421 | ng/ul  | 97             |
| 21) Benzo(b)fluoranthene   | 22.58 | 252 | 96335m | 0.651 | ng/ul  | JU<br>08/08/19 |
| 22) Benzo(k)fluoranthene   | 22.62 | 252 | 28762m | 0.201 | ng/ul  |                |
| 23) Benzo(a)pyrene         | 23.12 | 252 | 54788  | 0.393 | ng/ul  |                |
| 24) Indeno(1,2,3-cd)pyrene | 25.30 | 276 | 36499  | 0.243 | ng/ul# | 93             |
| 25) Dibenzo(a,h)anthracene | 25.32 | 278 | 8949   | 0.075 | ng/ul# | 79             |
| 26) Benzo(a,h,i)perylene   | 25.94 | 276 | 31568  | 0.251 | ng/ul  | 99             |

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