

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM080319\  
Quantitation Report (QT Reviewed)

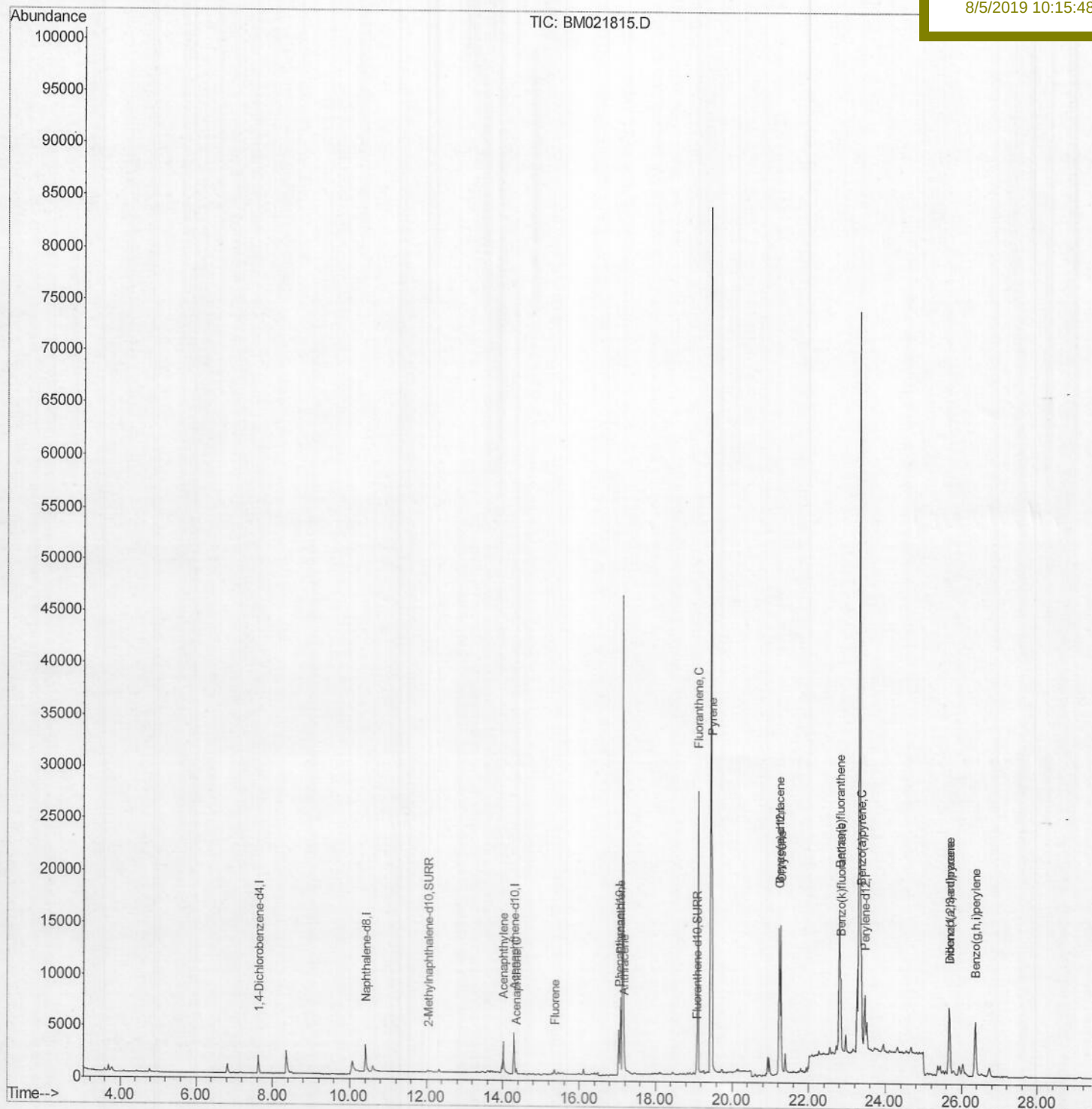
Data File : BM021815.D  
Acq On : 04 Aug 2019 16:36  
Operator : HP/JU  
Sample : K3850-10DL 5X  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Aug 05 07:36:58 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 05 06:57:04 2019  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
BENR6DL

Manual Integrations  
APPROVED

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8/5/2019 10:15:48 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM080319\  
Quantitation Report (Qedit)

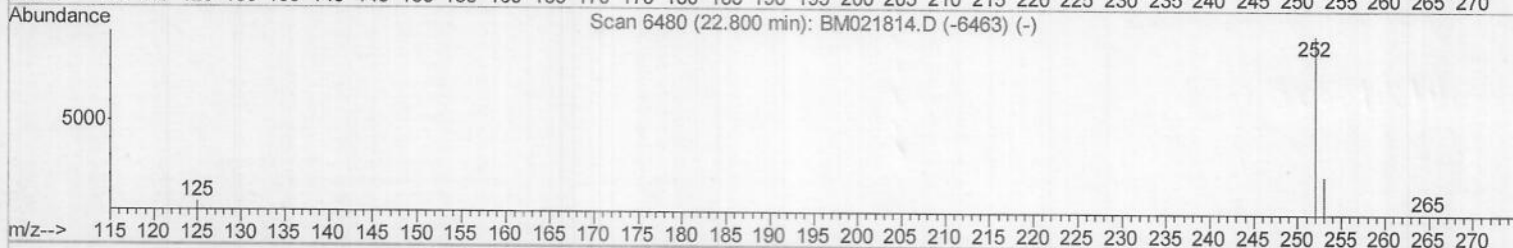
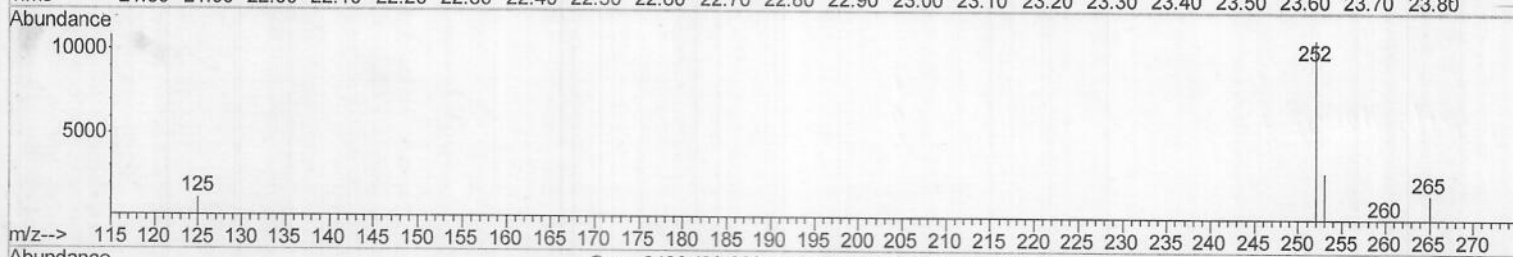
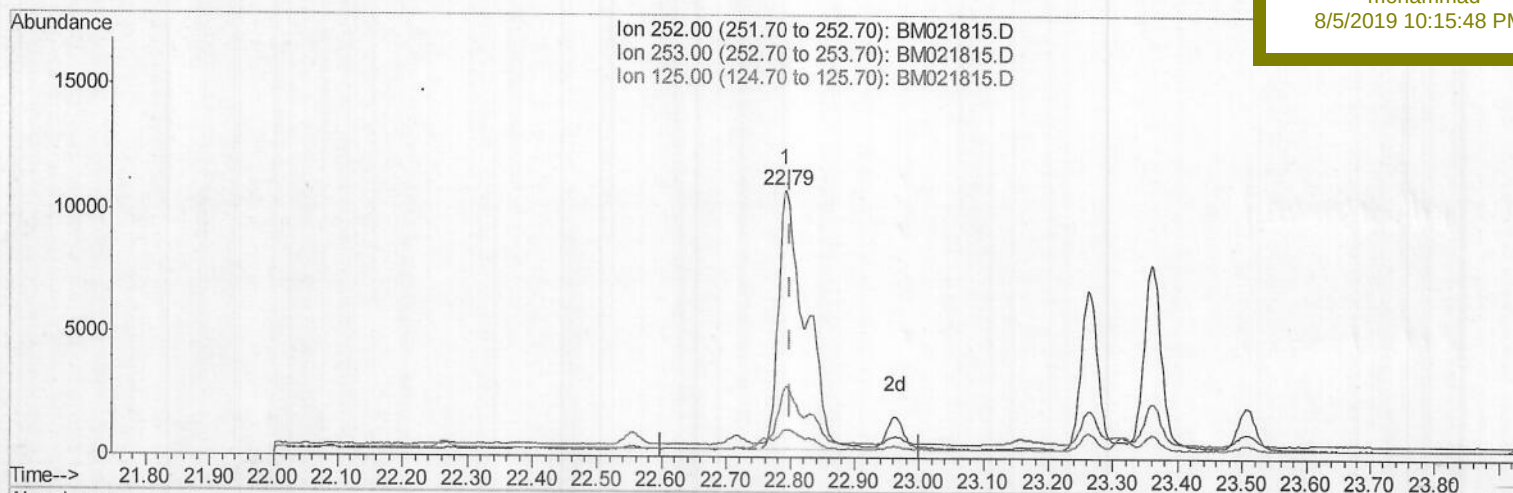
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Acq On : 04 Aug 2019 16:36  
Operator : HP/JU  
Sample : K3850-10DL 5X  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Aug 05 07:32:57 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
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TIC: BM021815.D

(21) Benzo(b)fluoranthene  
22.793min (-0.007) 1.08ng/ul  
response 30946

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 26.65 |
| 125.00 | 15.50 | 10.37 |
| 0.00   | 0.00  | 0.00  |



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Quantitation Report (Qedit)

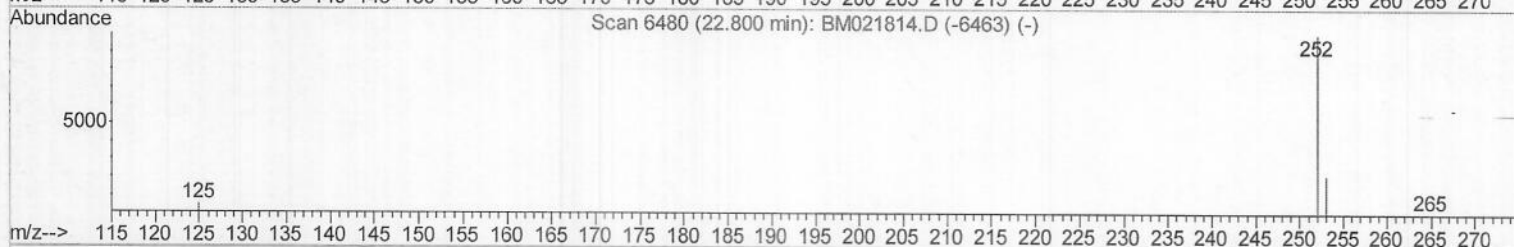
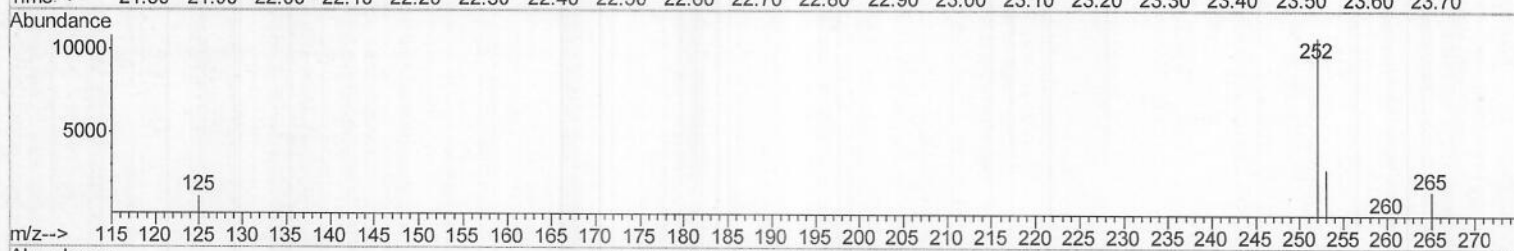
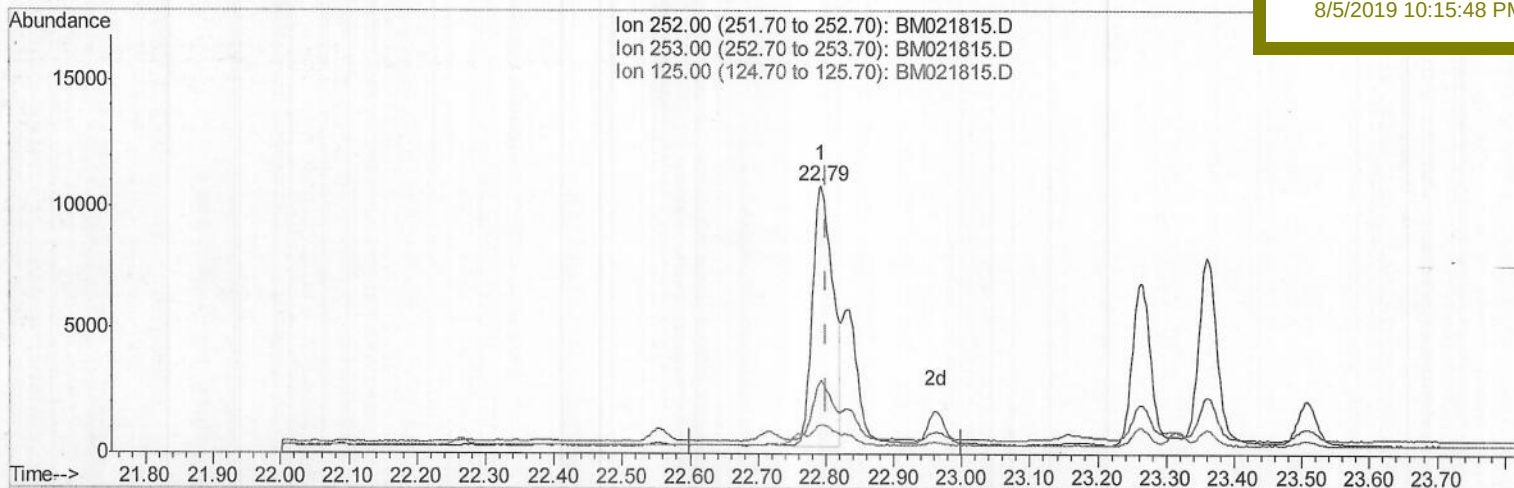
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ClientSampleId :  
BENR6DL

Manual Integrations  
APPROVED

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TIC: BM021815.D

(21) Benzo(b)fluoranthene

22.793min (-0.007) 0.76ng/ul m) JU08105/19

response 21710

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 26.65 |
| 125.00 | 15.50 | 10.37 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM080319\  
Quantitation Report (Qedit)

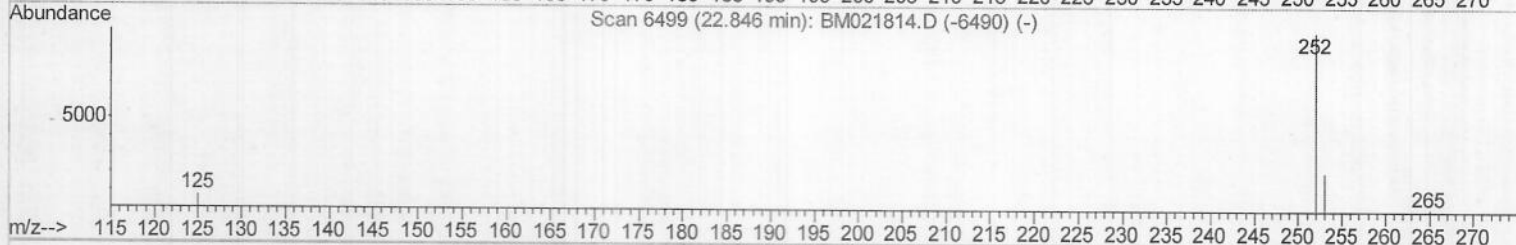
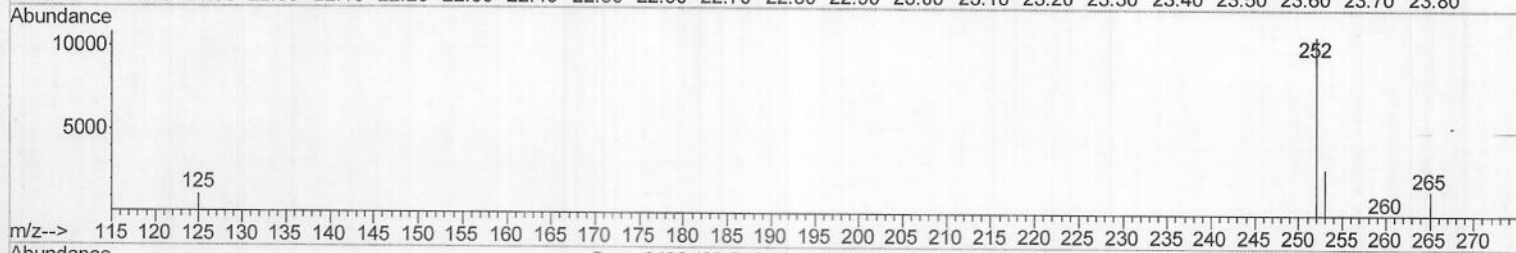
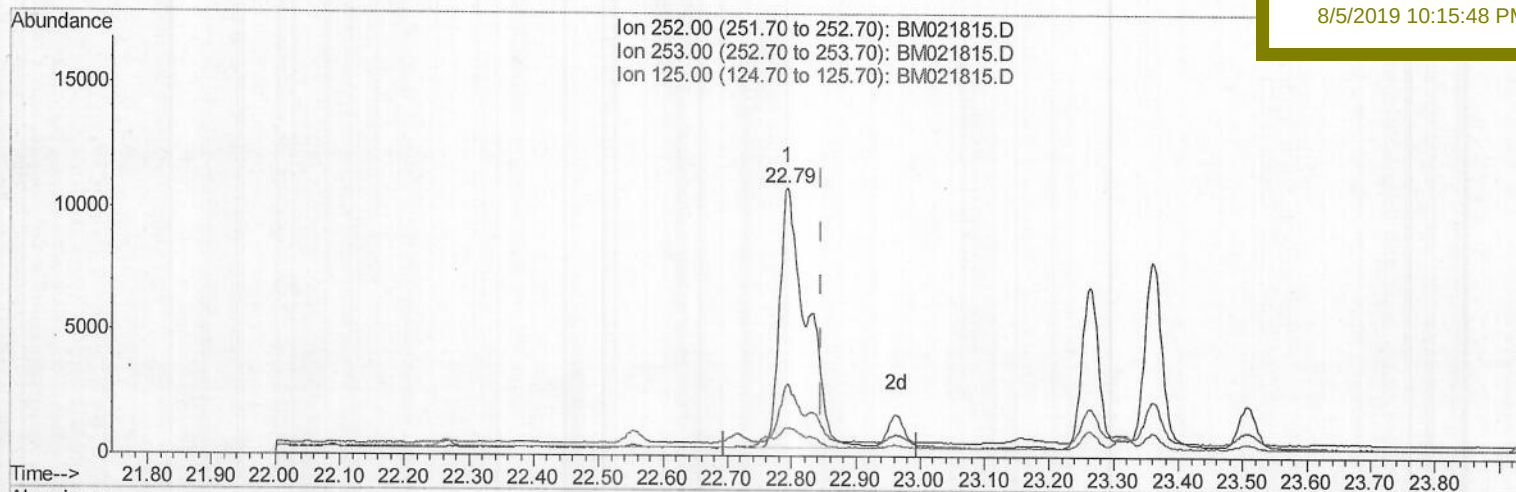
Data File : BM021815.D  
Acq On : 04 Aug 2019 16:36  
Operator : HP/JU  
Sample : K3850-10DL 5X  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
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BNA\_M  
ClientSampleId :  
BENR6DL

Manual Integrations  
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TIC: BM021815.D

(22) Benzo(k)fluoranthene

22.793min (-0.053) 0.96ng/ul

response 30989

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 33.70 | 26.65# |
| 125.00 | 15.20 | 10.37# |
| 0.00   | 0.00  | 0.00   |



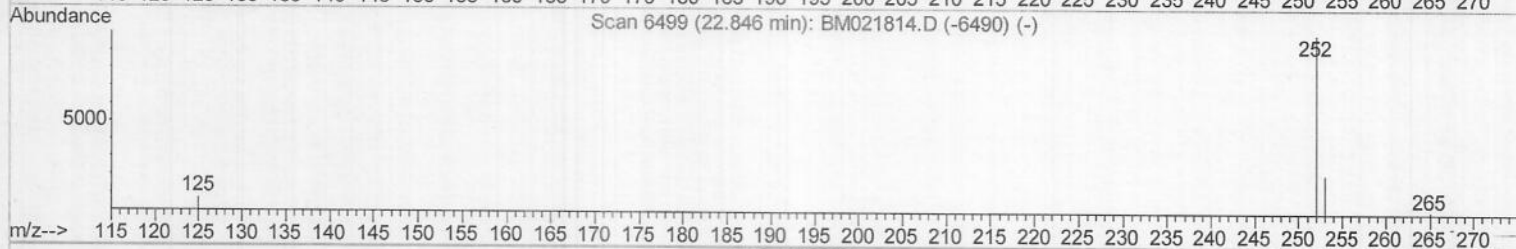
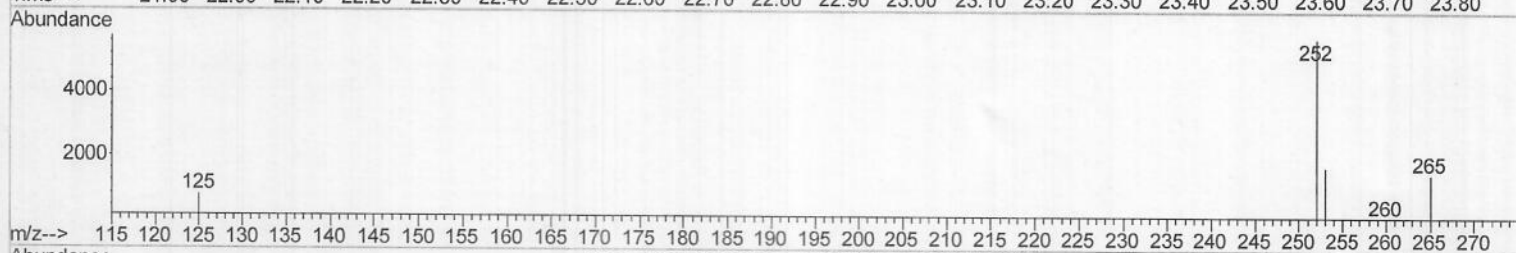
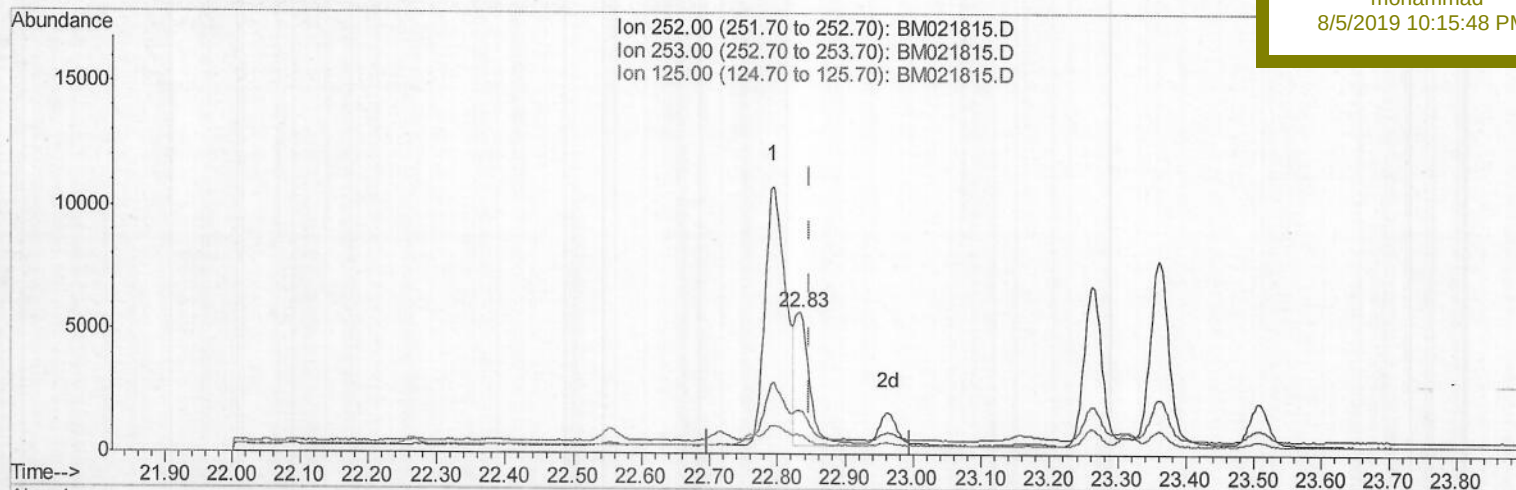
Data File : BM021815.D  
Acq On : 04 Aug 2019 16:36  
Operator : HP/JU  
Sample : K3850-10DL 5X  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Aug 05 07:32:57 2019  
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ClientSampleId :  
BENR6DL

Manual Integrations  
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8/5/2019 10:15:48 PM



TIC: BM021815.D

(22) Benzo(k)fluoranthene

22.834min (-0.012) 0.26ng/ul m 5008/05/19

response 8355

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 30.01 |
| 125.00 | 15.20 | 12.88 |
| 0.00   | 0.00  | 0.00  |

Data File : BM021815.D

Acq On : 04 Aug 2019 16:36

Operator : HP/JU

Sample : K3850-10DL 5X

Misc :

ALS Vial : 58 Sample Multiplier: 1

Quant Time: Aug 05 07:36:58 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Aug 05 06:57:04 2019

Response via : Initial Calibration

Instrument :

BNA\_M

Client SampleId :

BENR6DL

Manual Integrations

APPROVED

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|---------------------------|-------|------|----------|------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 978      | 0.40 | ng/ul | 0.00      |
| 2) Naphthalene-d8         | 10.42 | 136  | 3966     | 0.40 | ng/ul | 0.00      |
| 6) Acenaphthene-d10       | 14.29 | 164  | 2308     | 0.40 | ng/ul | 0.00      |
| 10) Phenanthrene-d10      | 17.04 | 188  | 5570     | 0.40 | ng/ul | -0.01     |
| 16) Chrysene-d12          | 21.24 | 240  | 5785     | 0.40 | ng/ul | 0.00      |
| 20) Perylene-d12          | 23.46 | 264  | 8482     | 0.40 | ng/ul | 0.00      |

## System Monitoring Compounds

|                            |       |     |     |      |       |       |
|----------------------------|-------|-----|-----|------|-------|-------|
| 4) 2-Methylnaphthalene-d10 | 12.04 | 152 | 291 | 0.04 | ng/ul | 0.00  |
| 14) Fluoranthene-d10       | 19.08 | 212 | 935 | 0.05 | ng/ul | -0.01 |

## Target Compounds

|                            |       |     |         |       |        | Qvalue      |
|----------------------------|-------|-----|---------|-------|--------|-------------|
| 7) Acenaphthylene          | 14.01 | 152 | 558     | 0.052 | ng/ul# | 81          |
| 8) Acenaphthene            | 14.35 | 153 | 308     | 0.035 | ng/ul  | 94          |
| 9) Fluorene                | 15.35 | 166 | 379     | 0.039 | ng/ul# | 90          |
| 12) Phenanthrene           | 17.08 | 178 | 8248    | 0.509 | ng/ul  | 98          |
| 13) Anthracene             | 17.18 | 178 | 1340    | 0.097 | ng/ul# | 89          |
| 15) Fluoranthene           | 19.11 | 202 | 24498   | 1.128 | ng/ul  | 97          |
| 17) Pyrene                 | 19.47 | 202 | 24415   | 1.027 | ng/ul  | 100         |
| 18) Benzo(a)anthracene     | 21.23 | 228 | 11518   | 0.557 | ng/ul  | 99          |
| 19) Chrysene               | 21.28 | 228 | 15692   | 0.590 | ng/ul  | 98          |
| 21) Benzo(b)fluoranthene   | 22.79 | 252 | 21710m) | 0.759 | ng/ul  | } 300810519 |
| 22) Benzo(k)fluoranthene   | 22.83 | 252 | 8355m)  | 0.258 | ng/ul  |             |
| 23) Benzo(a)pyrene         | 23.36 | 252 | 14108   | 0.485 | ng/ul# | 83          |
| 24) Indeno(1,2,3-cd)pyrene | 25.68 | 276 | 11821   | 0.340 | ng/ul# | 91          |
| 25) Dibenzo(a,h)anthracene | 25.68 | 278 | 2596    | 0.092 | ng/ul# | 78          |
| 26) Benzo(g,h,i)perylene   | 26.36 | 276 | 12218   | 0.391 | ng/ul  | 99          |

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