

Data File : BM022085.D

Acq On : 14 Aug 2019 00:55

Operator : HP/JU

Sample : K4041-13DL 5X

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 14 08:24:43 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 : Wed Aug 14 08:16:48 2019

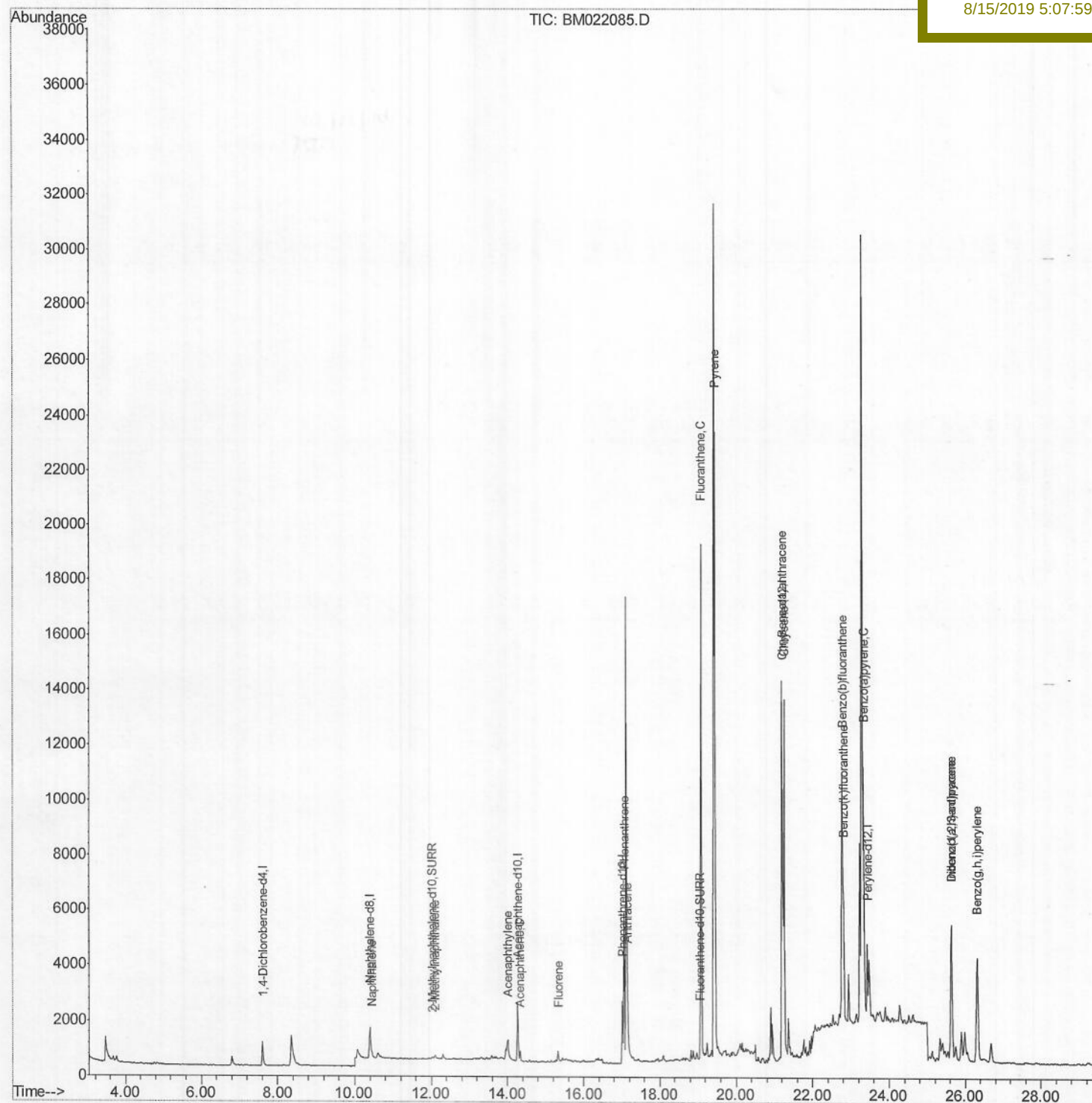
Response via : Initial Calibration

Instrument :

BNA\_M

Client Sampled :

BENW6DL

Manual Integrations  
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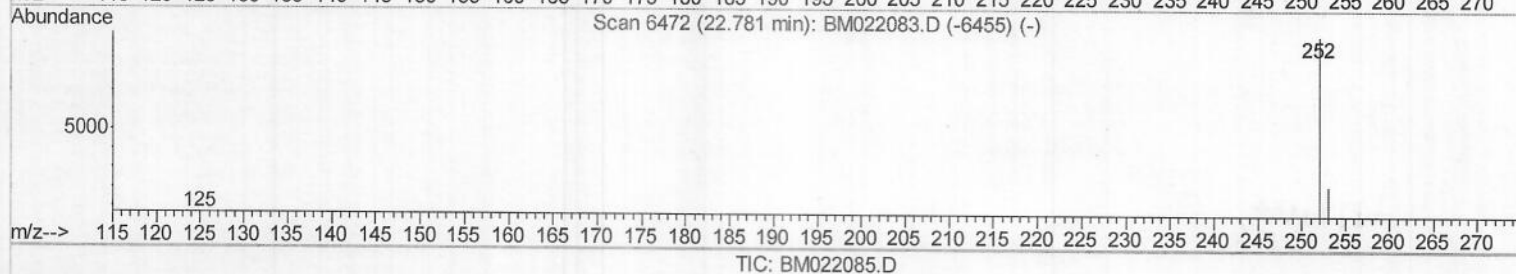
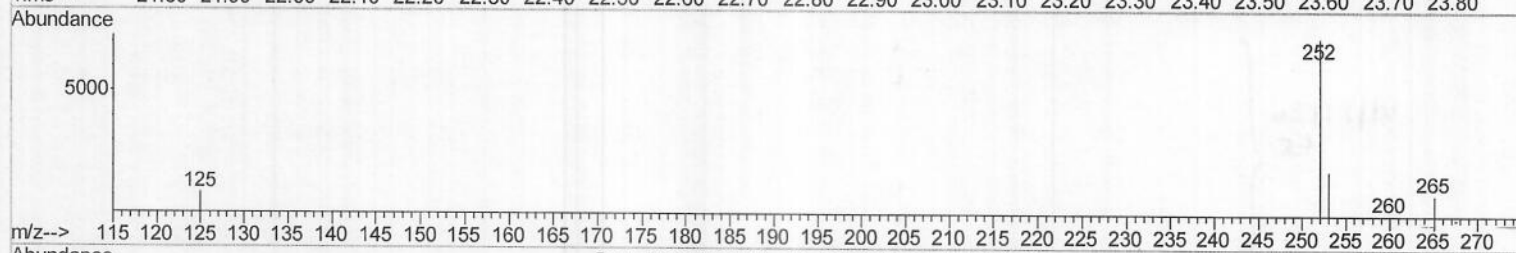
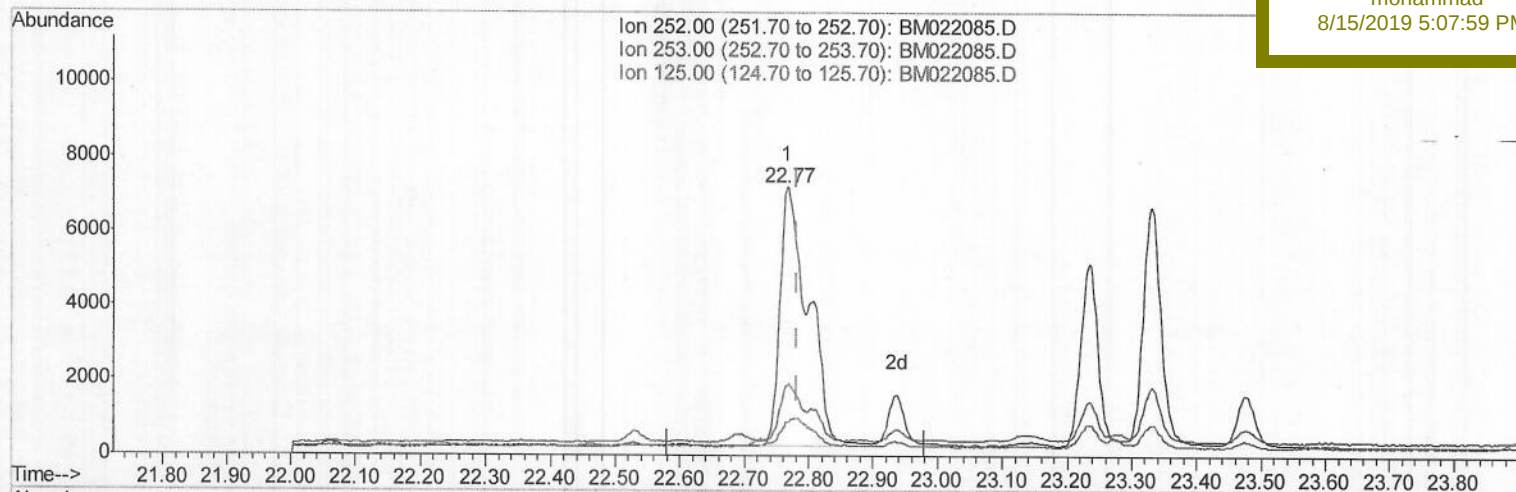
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(21) Benzo(b)fluoranthene  
22.767min (-0.014) 1.96ng/ul  
response 21301

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 26.12 |
| 125.00 | 15.50 | 12.38 |
| 0.00   | 0.00  | 0.00  |

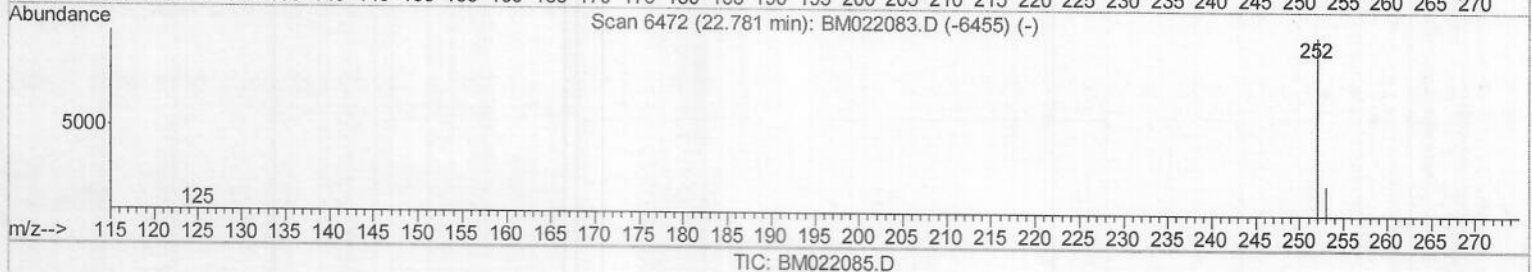
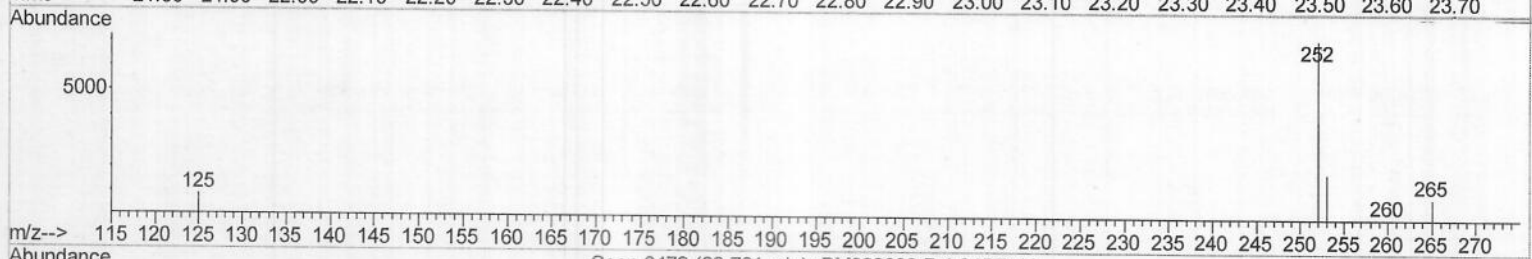
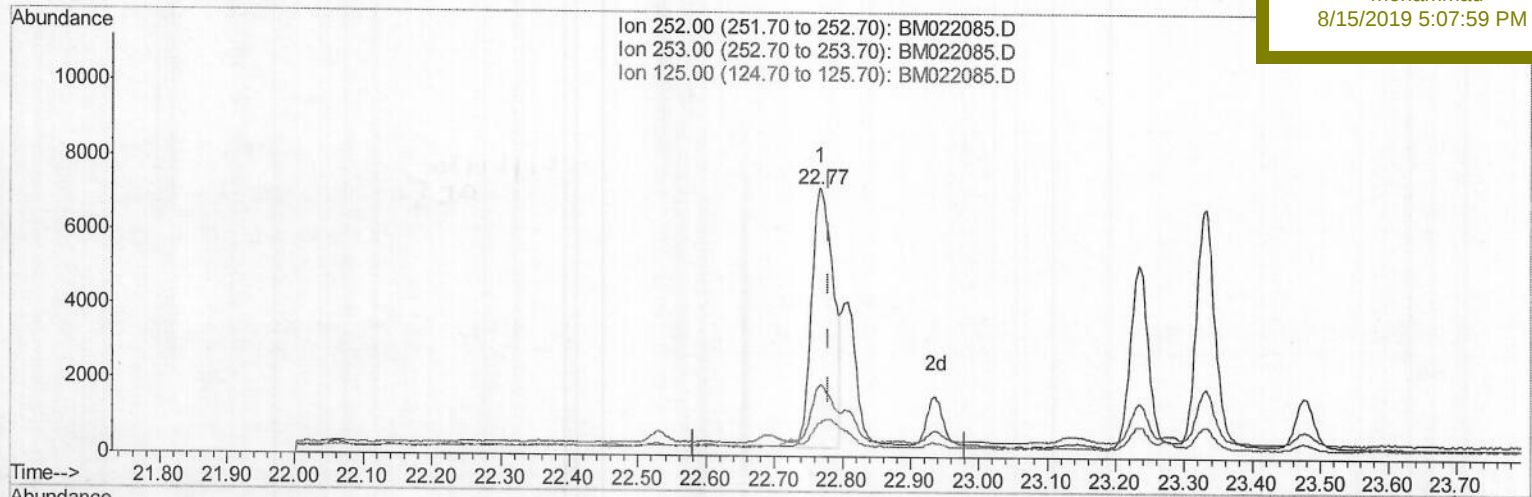
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Client Sampled :  
BENW6DL

Manual Integrations  
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(21) Benzo(b)fluoranthene

22.767min (-0.014) 1.41ng/ul m 2500814119

response 15297

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 26.12 |
| 125.00 | 15.50 | 12.38 |
| 0.00   | 0.00  | 0.00  |

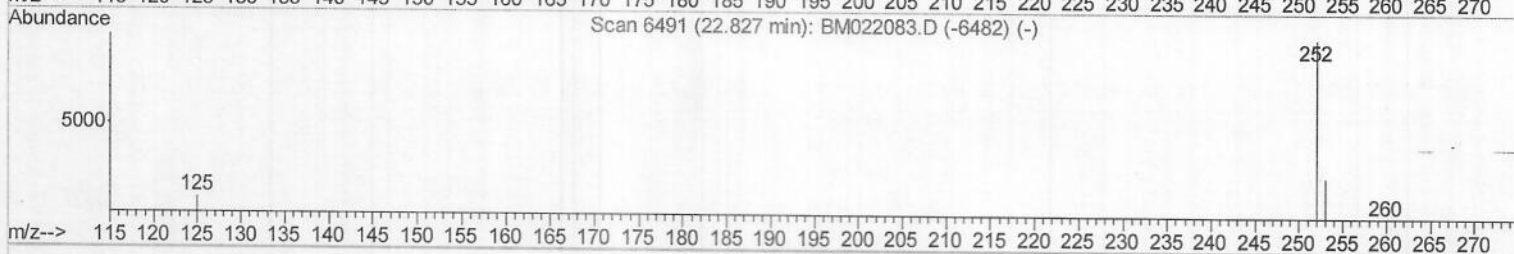
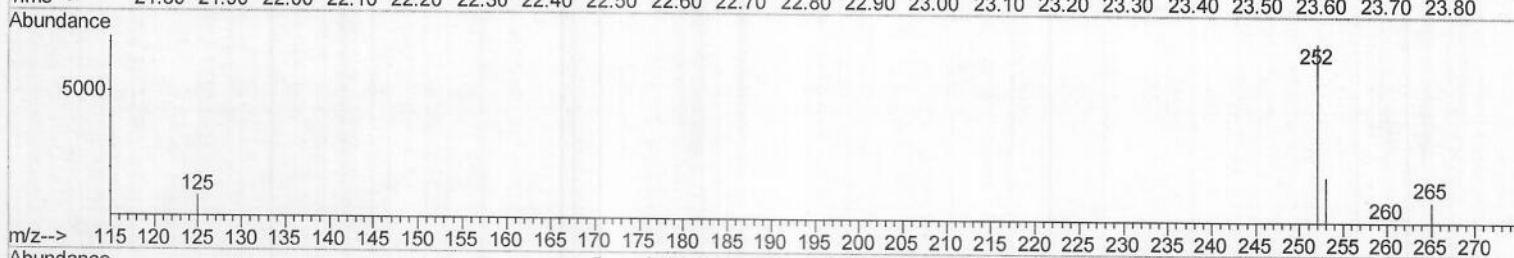
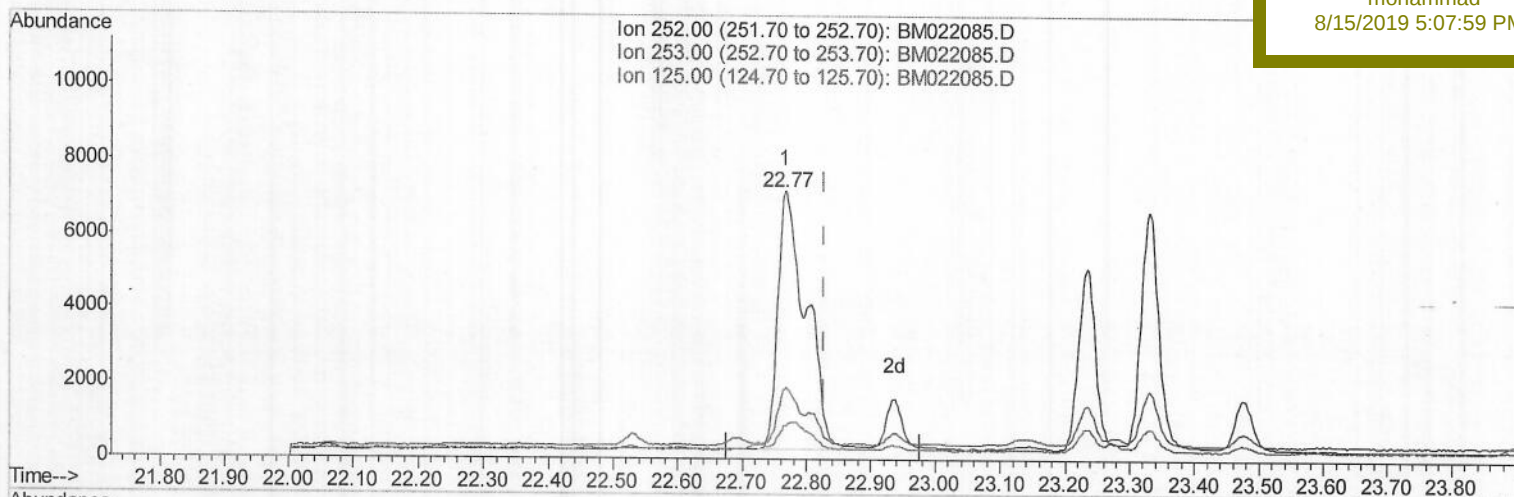
Data File : BM022085.D  
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Sample : K4041-13DL 5X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

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QLast Update : Wed Aug 14 08:16:48 2019  
Response via : Initial Calibration

Instrument :  
BNA\_M  
ClientSampleId :  
BENW6DL

Manual Integrations  
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TIC: BM022085.D

(22) Benzo(k)fluoranthene  
22.767min (-0.060) 1.73ng/ul  
response 21301  
Ion Exp% Act%  
252.00 100 100  
253.00 33.70 26.12#  
125.00 15.20 12.38  
0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM081219\  
Quantitation Report (Qedit)

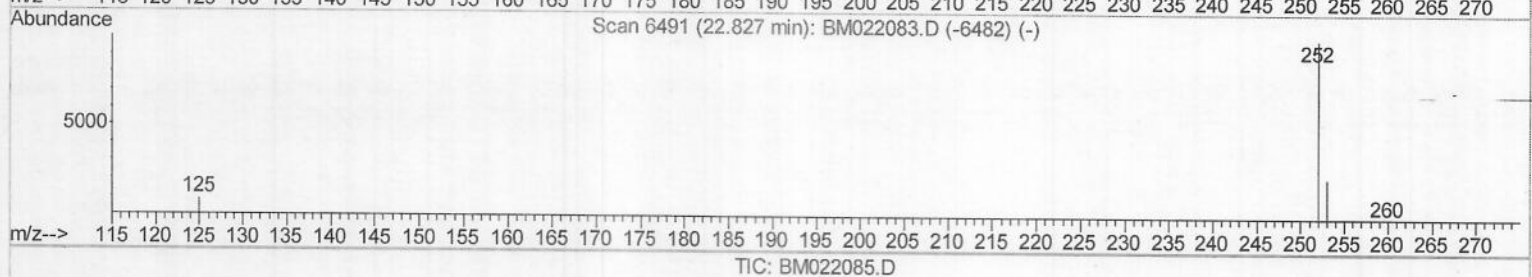
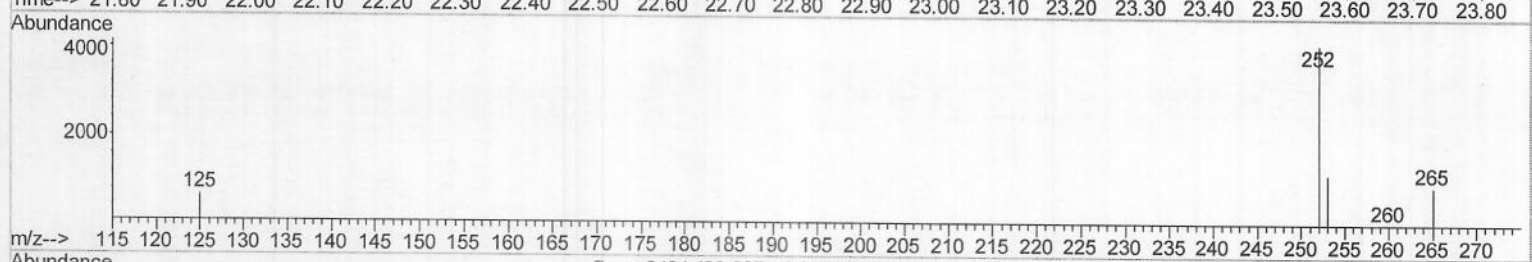
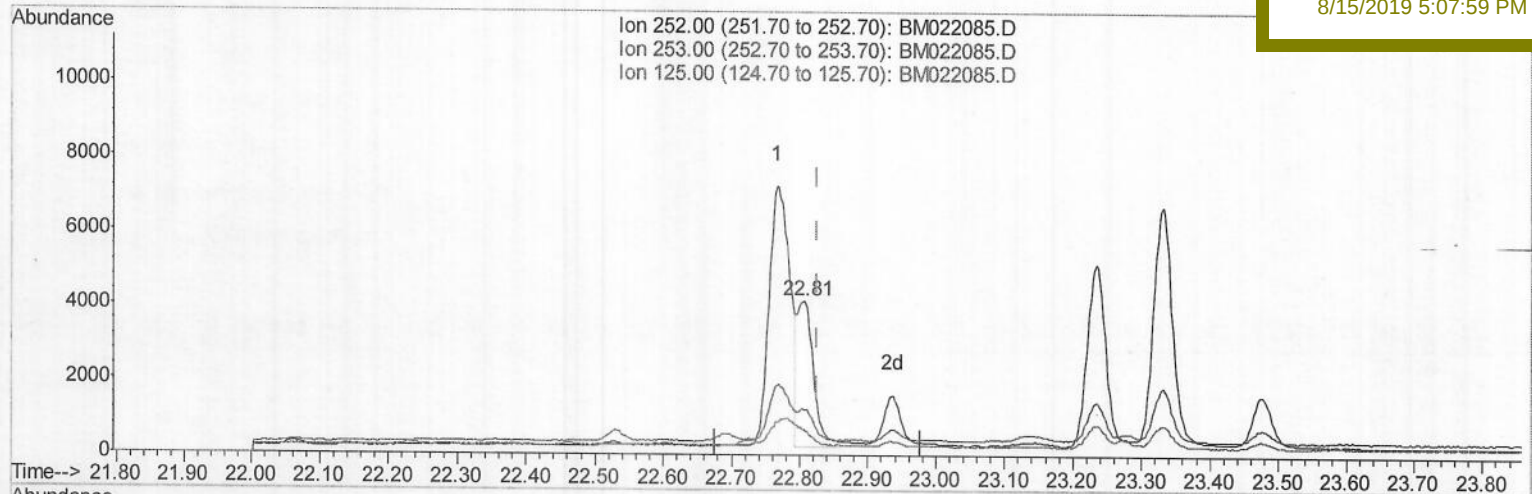
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Instrument :  
BNA\_M  
Client Sample Id :  
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Manual Integrations  
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(22) Benzo(k)fluoranthene

22.808min (-0.019) 0.53ng/ul m

response 6528

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 33.70 | 29.71 |
| 125.00 | 15.20 | 15.98 |
| 0.00   | 0.00  | 0.00  |

JU  
08/14/19

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Instrument :

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Client Sampled :

BENW6DL

Manual Integrations

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 577      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.40 | 136  | 2438     | 0.40 | ng/ul | -0.02    |
| 6) Acenaphthene-d10       | 14.27 | 164  | 1278     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.02 | 188  | 2889     | 0.40 | ng/ul | -0.02    |
| 16) Chrysene-d12          | 21.22 | 240  | 3084     | 0.40 | ng/ul | -0.02    |
| 20) Perylene-d12          | 23.43 | 264  | 3218     | 0.40 | ng/ul | -0.02    |

## System Monitoring Compounds

|                            |       |     |     |      |       |       |
|----------------------------|-------|-----|-----|------|-------|-------|
| 4) 2-Methylnaphthalene-d10 | 12.03 | 152 | 140 | 0.03 | ng/ul | 0.00  |
| 14) Fluoranthene-d10       | 19.05 | 212 | 426 | 0.04 | ng/ul | -0.02 |

## Target Compounds

|                            |       |     |         |       |        | Qvalue           |
|----------------------------|-------|-----|---------|-------|--------|------------------|
| 3) Naphthalene             | 10.45 | 128 | 277     | 0.040 | ng/ul# | 45               |
| 5) 2-Methylnaphthalene     | 12.10 | 142 | 163     | 0.036 | ng/ul  | 82               |
| 7) Acenaphthylene          | 13.99 | 152 | 932     | 0.156 | ng/ul# | 79               |
| 8) Acenaphthene            | 14.33 | 153 | 240     | 0.049 | ng/ul# | 91               |
| 9) Fluorene                | 15.33 | 166 | 301     | 0.056 | ng/ul# | 92               |
| 12) Phenanthrene           | 17.06 | 178 | 6175    | 0.735 | ng/ul  | 99               |
| 13) Anthracene             | 17.16 | 178 | 1829    | 0.255 | ng/ul  | 95               |
| 15) Fluoranthene           | 19.08 | 202 | 17029   | 1.512 | ng/ul  | 97               |
| 17) Pyrene                 | 19.45 | 202 | 21067   | 1.662 | ng/ul  | 100              |
| 18) Benzo(a)anthracene     | 21.21 | 228 | 11792   | 1.069 | ng/ul  | 98               |
| 19) Chrysene               | 21.26 | 228 | 13768   | 0.970 | ng/ul  | 98               |
| 21) Benzo(b)fluoranthene   | 22.77 | 252 | 15297m) | 1.410 | ng/ul  | } JU<br>08/14/19 |
| 22) Benzo(k)fluoranthene   | 22.81 | 252 | 6528m)  | 0.532 | ng/ul  |                  |
| 23) Benzo(a)pyrene         | 23.33 | 252 | 12210   | 1.106 | ng/ul# |                  |
| 24) Indeno(1,2,3-cd)pyrene | 25.64 | 276 | 7893    | 0.599 | ng/ul# |                  |
| 25) Dibenzo(a,h)anthracene | 25.63 | 278 | 2191    | 0.206 | ng/ul# | 84               |
| 26) Benzo(g,h,i)perylene   | 26.32 | 276 | 8280    | 0.698 | ng/ul  | 98               |

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