

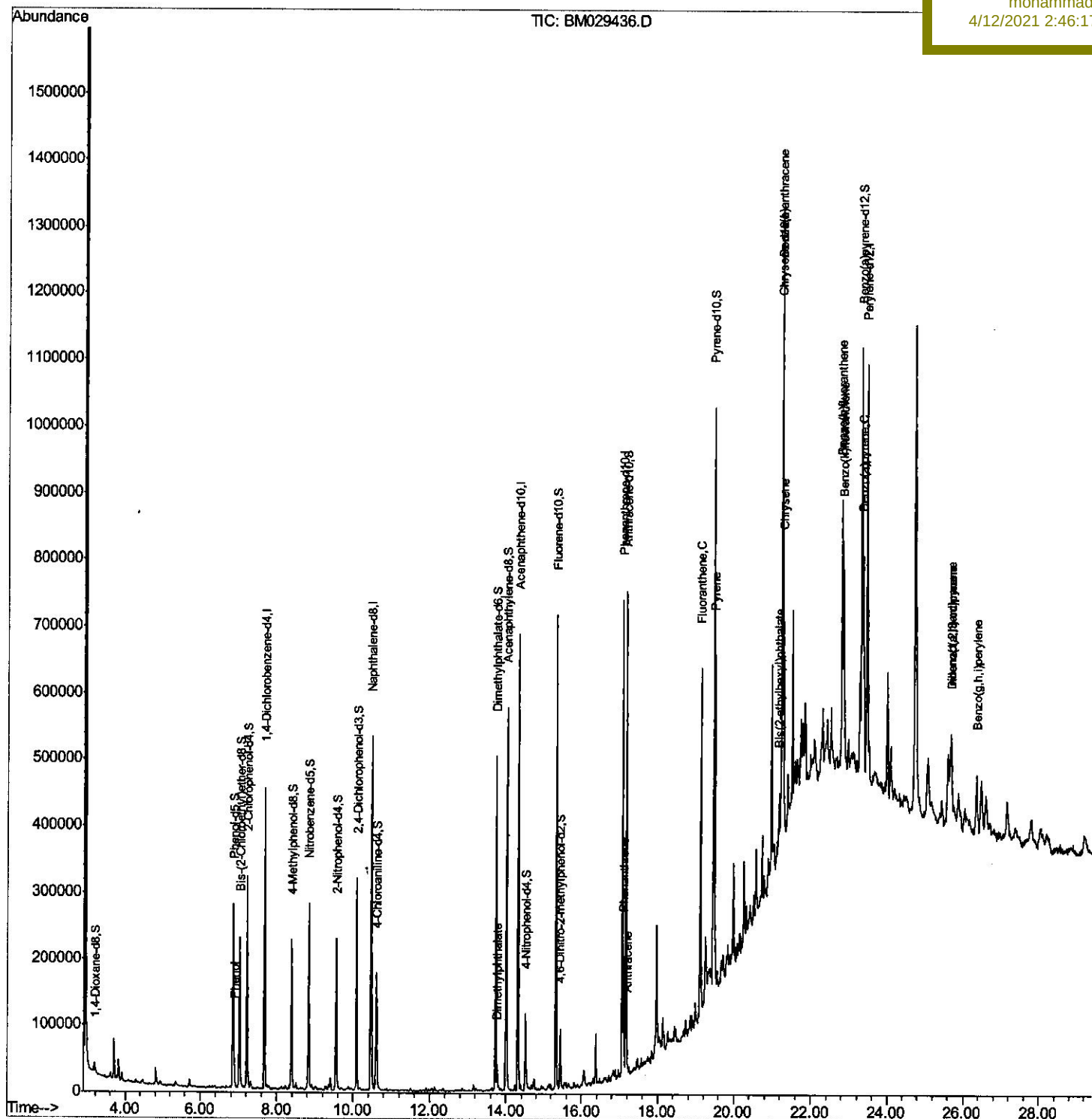
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040921\  
Data File : BM029436.D  
Acq On : 09 Apr 2021 18:00  
Operator : CG/JU  
Sample : M1881-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 09 18:36:22 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM040721MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Apr 09 11:03:41 2021  
Response via : Initial Calibration

Instrument :  
BNA\_M  
Client Sample Id :  
ESQG6

Manual Integrations  
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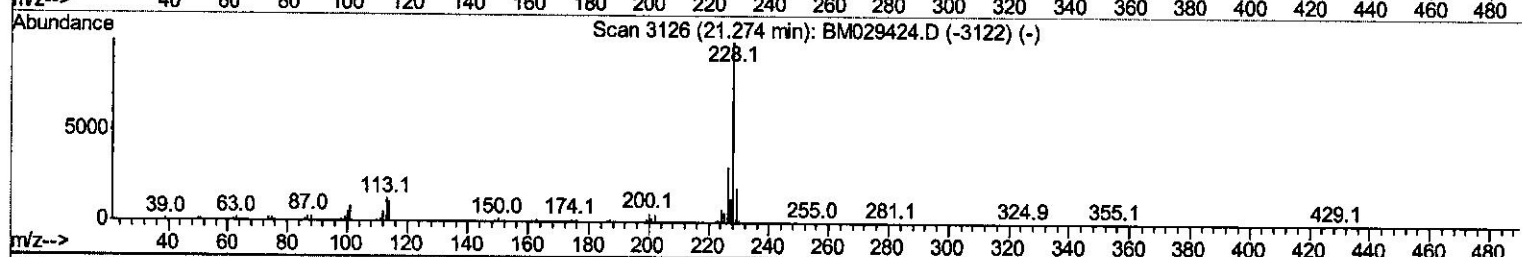
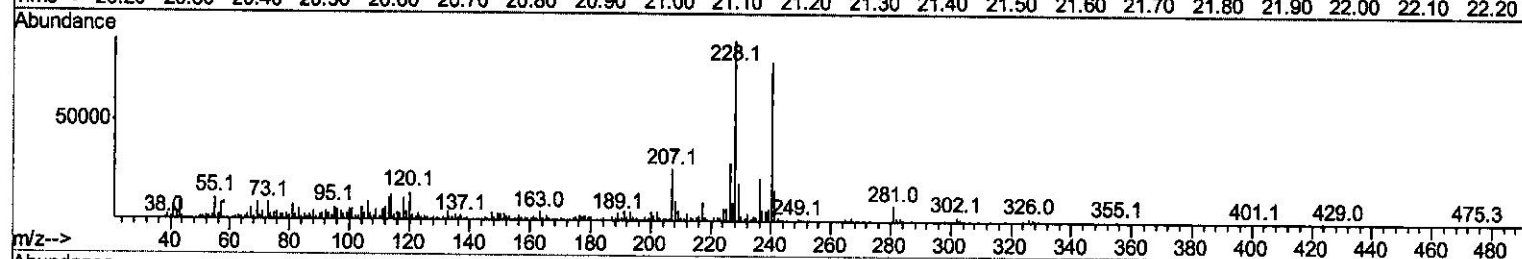
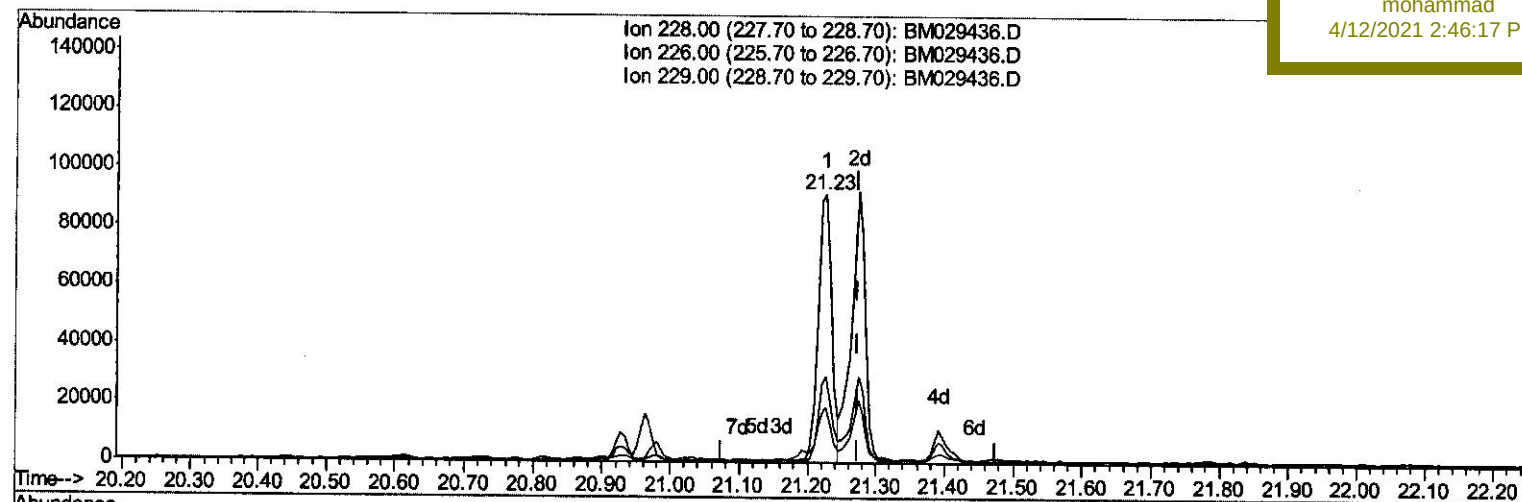
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TIC: BM029436.D

(85) Chrysene

21.227min (-0.047) 6.04ng/ul

response 126259

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 30.00 | 32.24 |
| 229.00 | 19.20 | 20.73 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

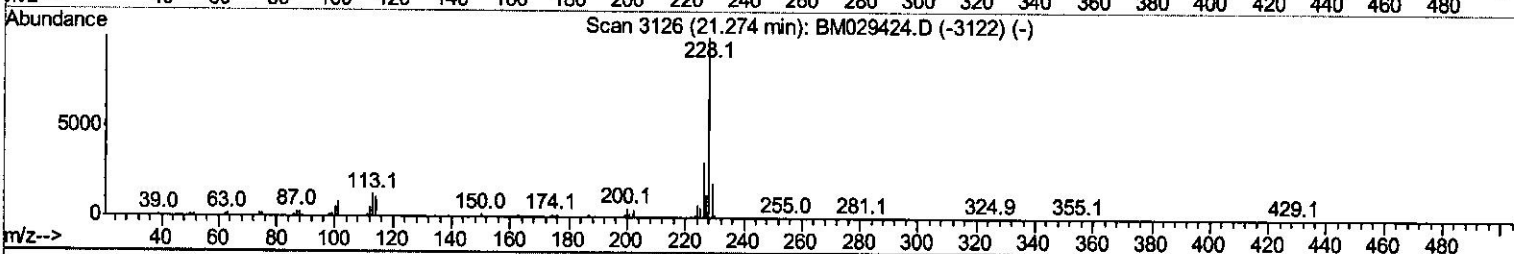
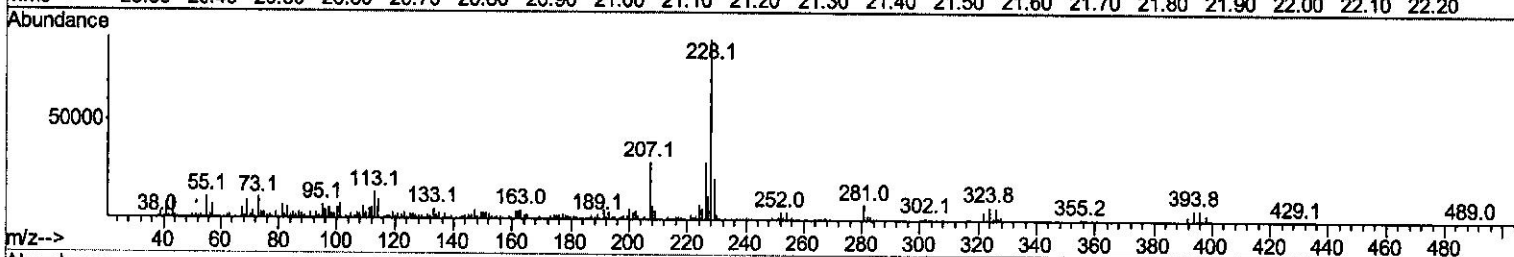
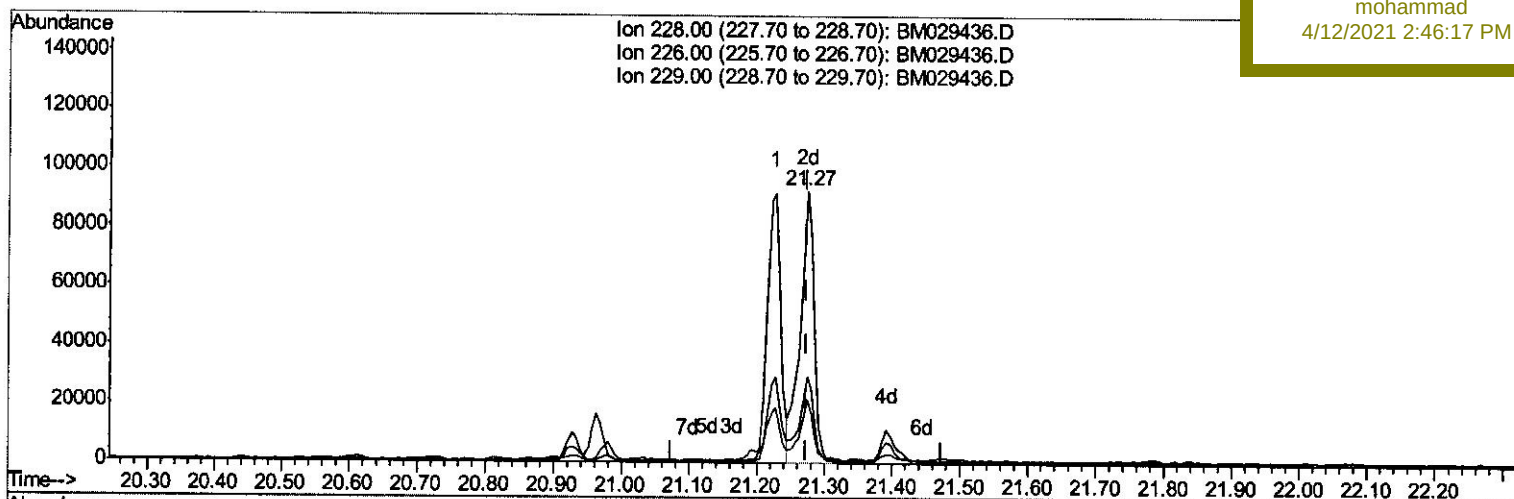
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 Response via : Initial Calibration



TIC: BM029436.D

(85) Chrysene

21.274min (-0.000) 6.30ng/ul m

response 131618

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 30.00 | 31.93  |
| 229.00 | 19.20 | 23.06# |
| 0.00   | 0.00  | 0.00   |

3 4/13/21 JU

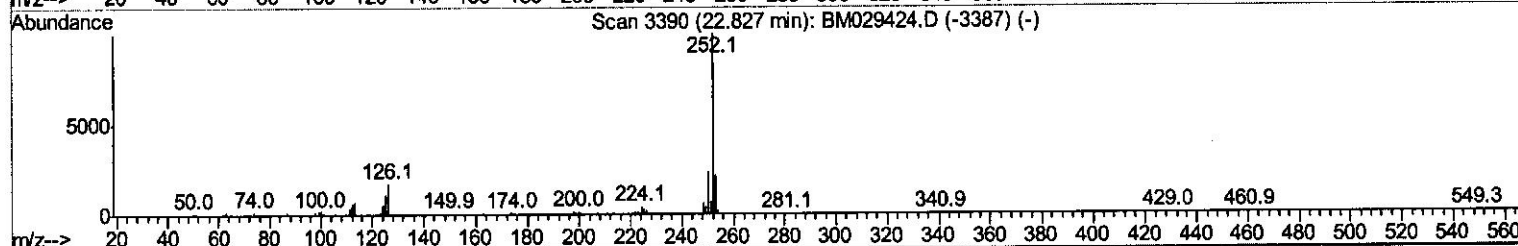
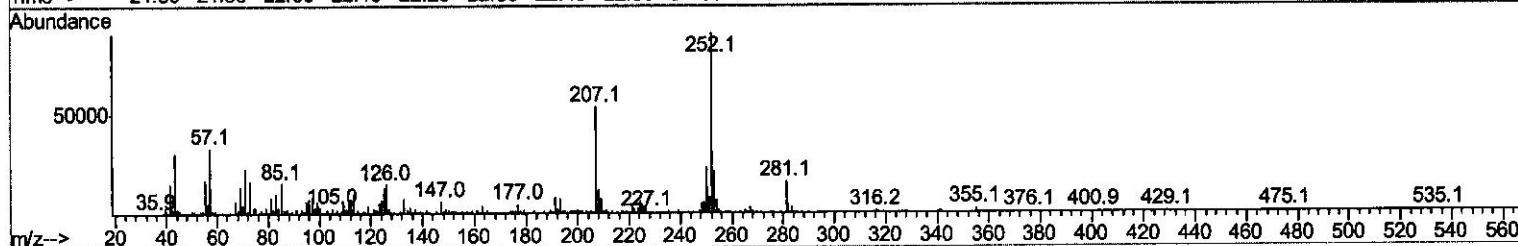
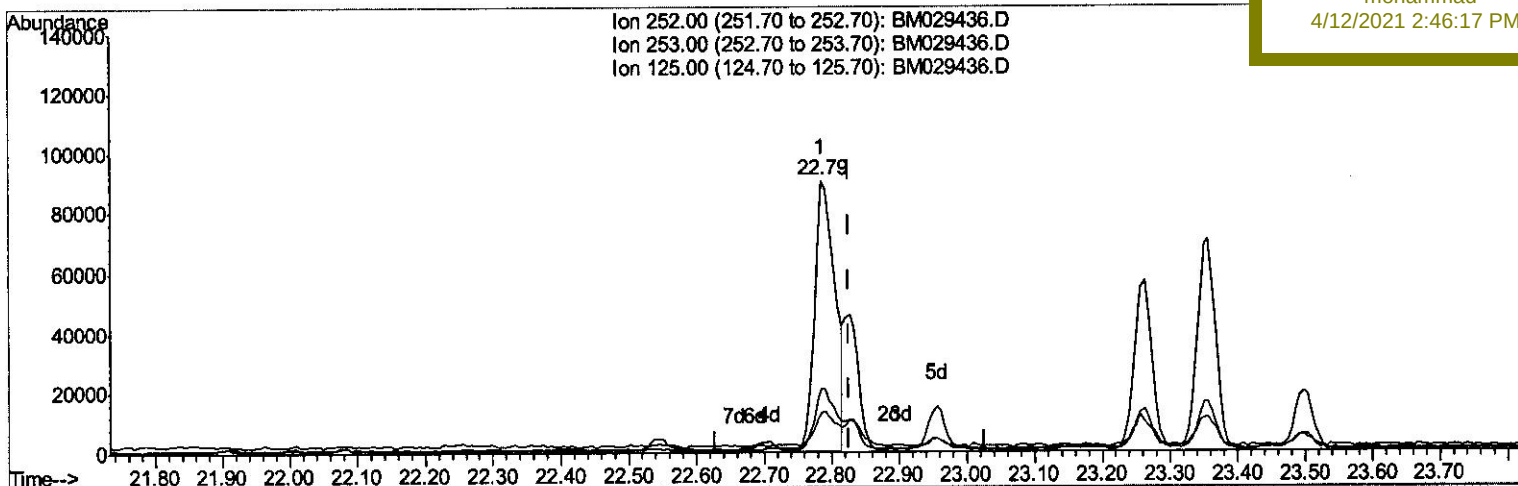
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Operator : CG/JU  
Sample : M1881-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

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Manual Integrations  
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(89) Benzo(k)fluoranthene  
22.786min (-0.042) 8.25ng/ul  
response 189750

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 23.52  |
| 125.00 | 11.70 | 14.75# |
| 0.00   | 0.00  | 0.00   |



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Misc :  
ALS Vial : 13 Sample Multiplier: 1

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Instrument :

BNA\_M

ClientSampleId :

ESQG6

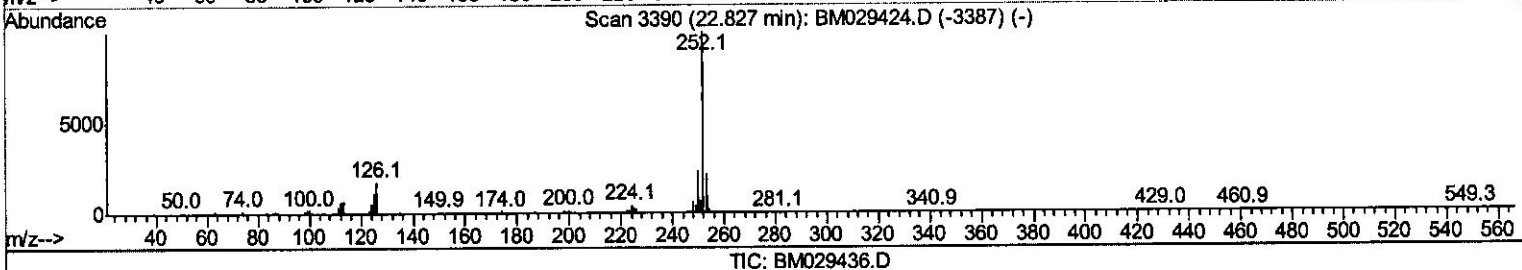
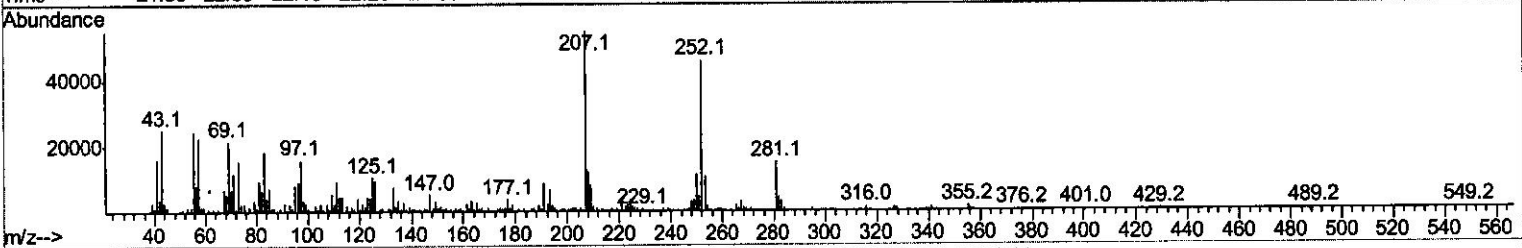
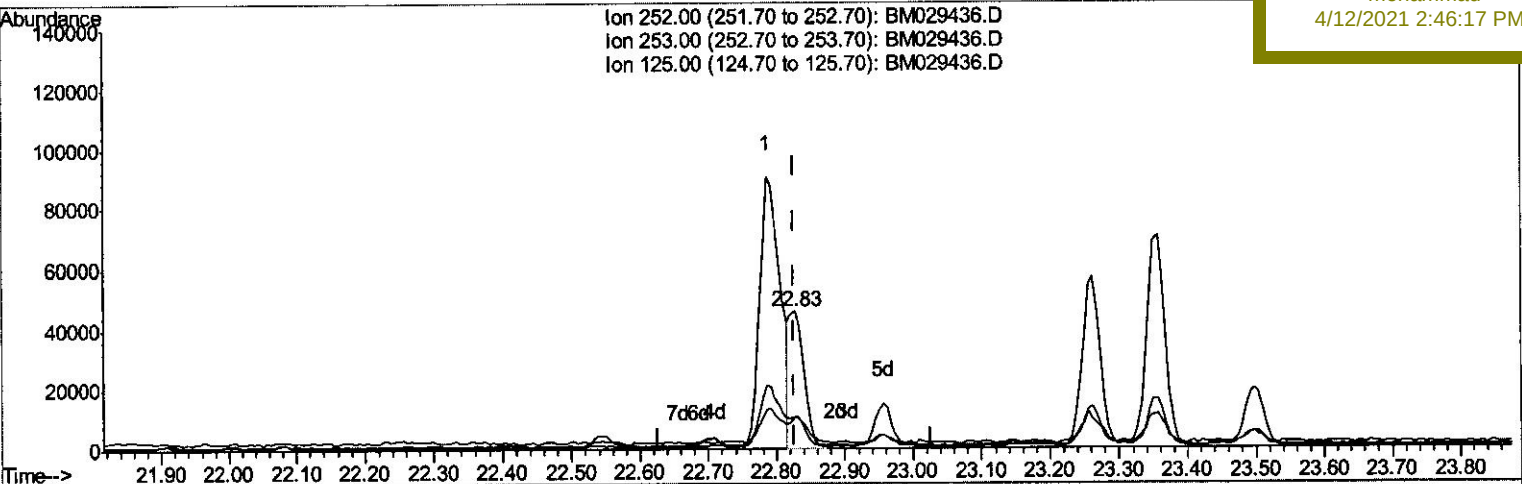
Manual Integrations

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Ion 252.00 (251.70 to 252.70): BM029436.D  
Ion 253.00 (252.70 to 253.70): BM029436.D  
Ion 125.00 (124.70 to 125.70): BM029436.D



(89) Benzo(k)fluoranthene

22.827min (-0.000) 2.98ng/ul m

response 68516

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 23.04  |
| 125.00 | 11.70 | 22.84# |
| 0.00   | 0.00  | 0.00   |

3 4/13/21 JU

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Instrument :  
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 ClientSampleId :  
 ESQG6

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 103921   | 20.00 | nq/ul | 0.00     |
| 18) Naphthalene-d8        | 10.47 | 136  | 393441   | 20.00 | nq/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.32 | 164  | 210659   | 20.00 | nq/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.06 | 188  | 372172   | 20.00 | nq/ul | 0.00     |
| 78) Chrysene-d12          | 21.24 | 240  | 339046   | 20.00 | nq/ul | 0.00     |
| 86) Perylene-d12          | 23.45 | 264  | 363755   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 7709   | 2.83  | nq/uL | 0.01 |
| 5) Phenol-d5                   | 6.86  | 99  | 133088 | 15.29 | nq/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.03  | 67  | 103487 | 18.61 | nq/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.22  | 132 | 116936 | 17.77 | nq/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.39  | 113 | 78813  | 11.75 | nq/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.84  | 128 | 53625  | 19.69 | nq/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.56  | 143 | 57028  | 19.93 | nq/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.09 | 165 | 99080  | 17.00 | nq/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 88078  | 12.42 | nq/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.73 | 166 | 286372 | 18.98 | nq/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.02 | 160 | 367456 | 19.20 | nq/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.52 | 143 | 23172  | 8.37  | nq/ul | 0.00 |
| 58) Fluorene-d10               | 15.32 | 176 | 237250 | 18.61 | nq/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 14470  | 6.84  | nq/ul | 0.00 |
| 71) Anthracene-d10             | 17.16 | 188 | 346049 | 20.46 | nq/ul | 0.00 |
| 79) Pyrene-d10                 | 19.46 | 212 | 369690 | 22.71 | nq/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.31 | 264 | 399840 | 21.54 | ng/ul | 0.00 |

| Target Compounds               |       |     |         |              | Ovalue |
|--------------------------------|-------|-----|---------|--------------|--------|
| 6) Phenol                      | 6.89  | 94  | 15318   | 1.649 nq/ul  | 92     |
| 45) Dimethylphthalate          | 13.79 | 163 | 20276   | 1.307 nq/ul  | 96     |
| 70) Phenanthrene               | 17.10 | 178 | 95426   | 4.454 nq/ul  | 99     |
| 72) Anthracene                 | 17.19 | 178 | 26140   | 1.189 nq/ul  | 97     |
| 77) Fluoranthene               | 19.12 | 202 | 264020  | 10.886 nq/ul | 100    |
| 80) Pyrene                     | 19.48 | 202 | 261651  | 11.653 nq/ul | 97     |
| 83) Benzo(a)anthracene         | 21.23 | 228 | 126125  | 5.900 nq/ul  | 94     |
| 84) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 26525   | 1.793 nq/ul  | 96     |
| 85) Chrysene                   | 21.27 | 228 | 131618m | 6.297 nq/ul  |        |
| 88) Benzo(b)fluoranthene       | 22.79 | 252 | 189750  | 8.103 nq/ul# | 94     |
| 89) Benzo(k)fluoranthene       | 22.83 | 252 | 68516m  | 2.980 nq/ul  |        |
| 91) Benzo(a)pyrene             | 23.36 | 252 | 131309  | 6.321 nq/ul# | 94     |
| 92) Indeno(1,2,3-cd)pyrene     | 25.67 | 276 | 100097  | 3.682 nq/ul# | 92     |
| 93) Dibenzo(a,h)anthracene     | 25.67 | 278 | 23154   | 1.014 nq/ul# | 77     |
| 94) Benzo(a,h,i)perylene       | 26.34 | 276 | 90211   | 4.085 nq/ul  | 98     |

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

h 113121 JU