

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM031320\  
Quantitation Report (QT Reviewed)

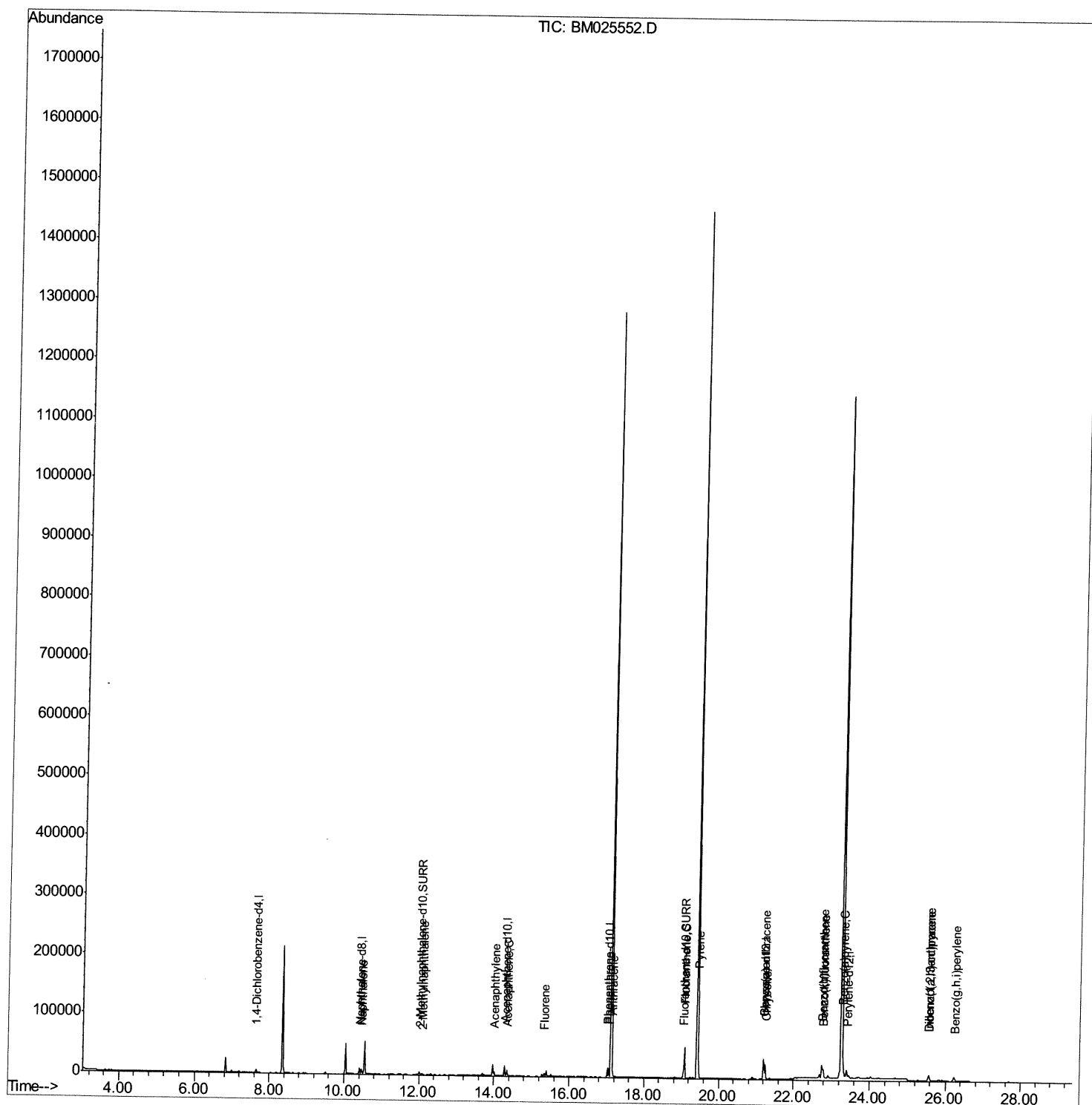
Data File : BM025552.D  
Acq On : 13 Mar 2020 21:49  
Operator : CG/JU  
Sample : L1786-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB9

Manual Integrations  
APPROVED

mohammad  
3/16/2020 1:52:29 PM

Quant Time: Mar 16 06:42:28 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM030920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 16 05:37:34 2020  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM031320\  
Quantitation Report (Qedit)

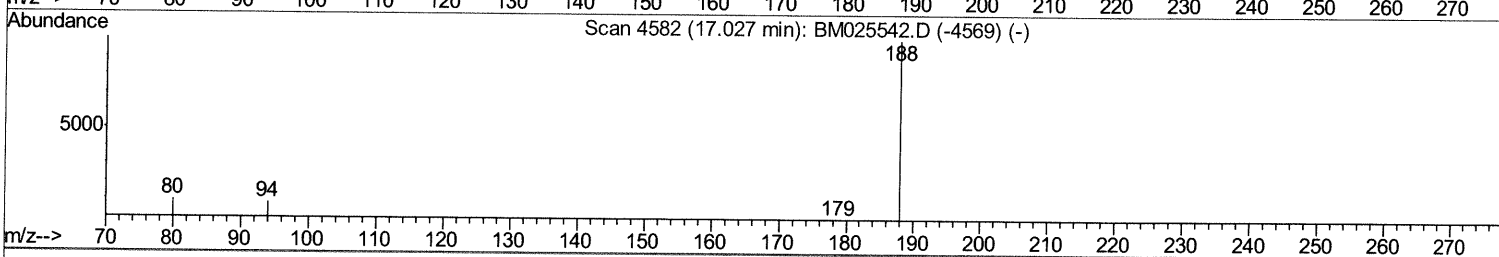
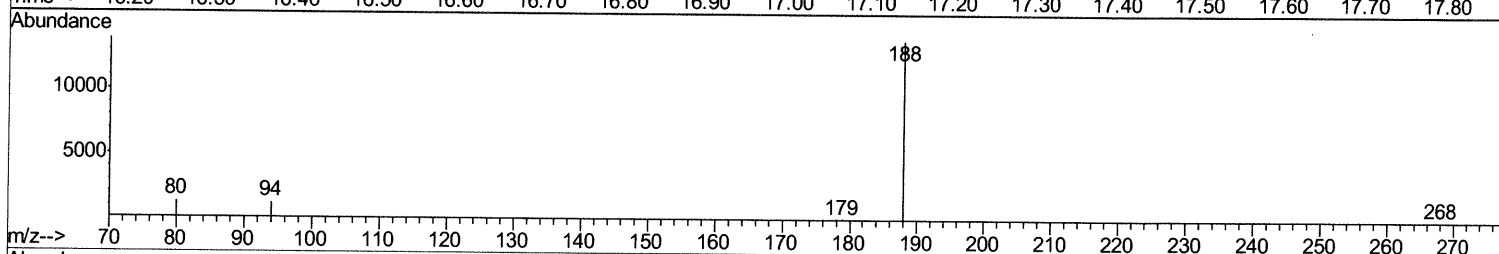
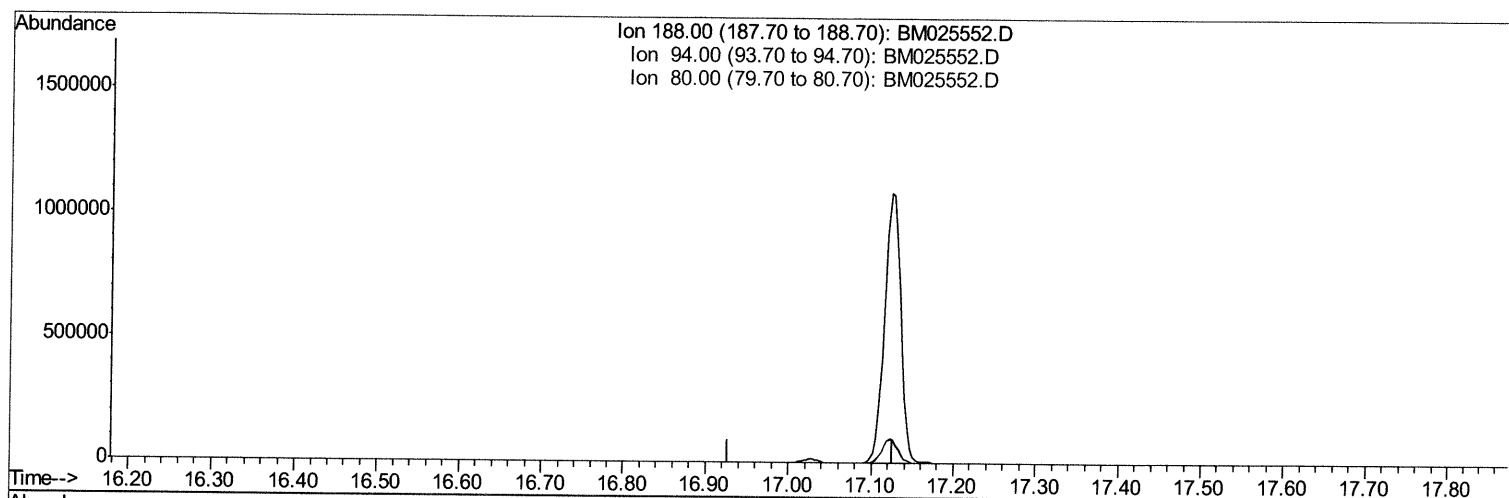
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Quant Time: Mar 16 05:40:54 2020  
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TIC: BM025552.D

(10) Phenanthrene-d10 (I)

17.027min (-17.027) 0.00ng/ul

response 0

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 0.00  |
| 94.00  | 7.10 | 0.00# |
| 80.00  | 8.70 | 0.00# |
| 0.00   | 0.00 | 0.00  |

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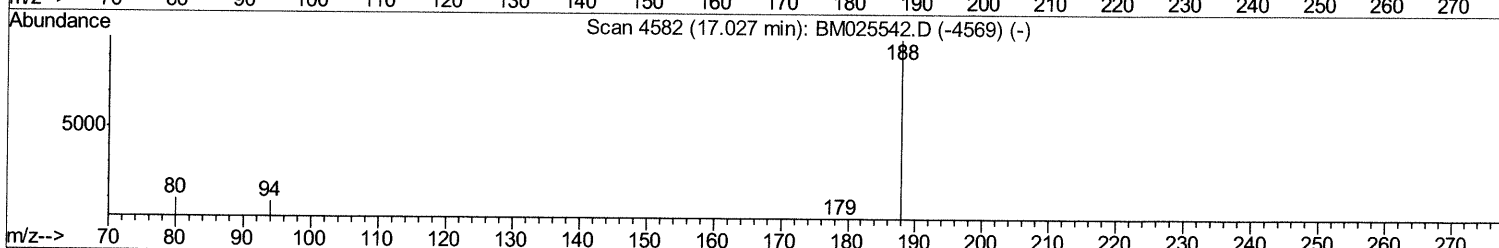
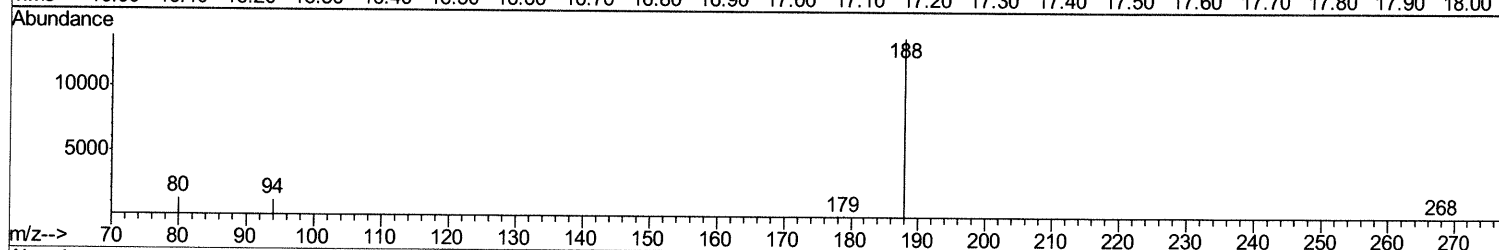
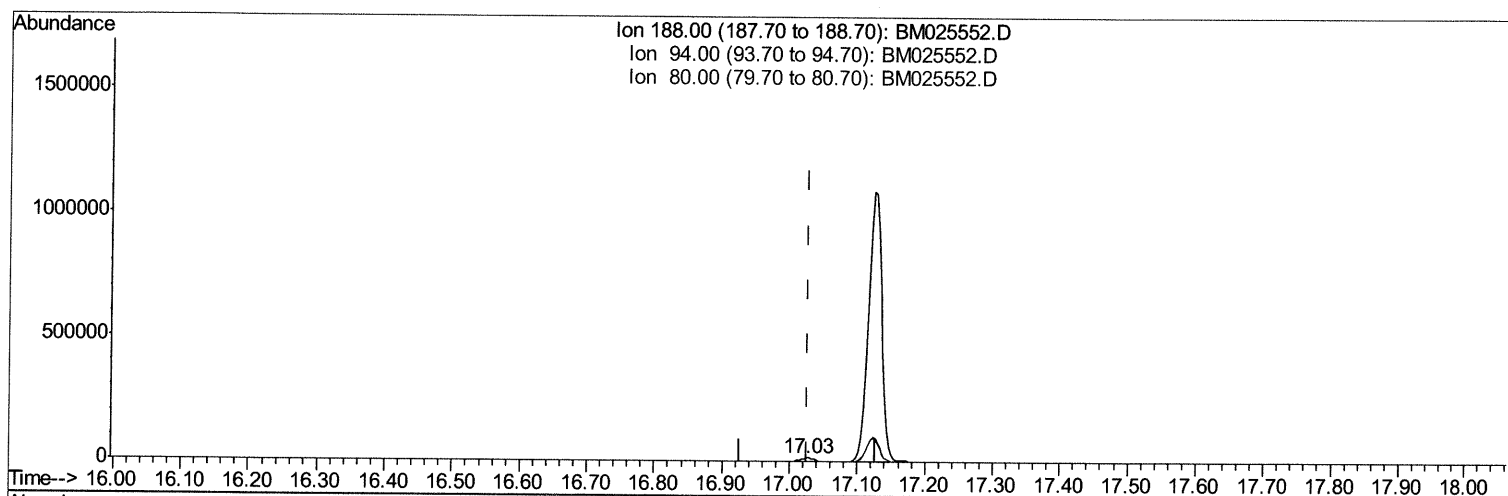
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TIC: BM025552.D

(10) Phenanthrene-d10 (I)

17.025min (-0.002) 0.40ng/ul m 3/16/20

response 18995

| Ion    | Exp% | Act%  |
|--------|------|-------|
| 188.00 | 100  | 100   |
| 94.00  | 7.10 | 8.63# |
| 80.00  | 8.70 | 9.60  |
| 0.00   | 0.00 | 0.00  |

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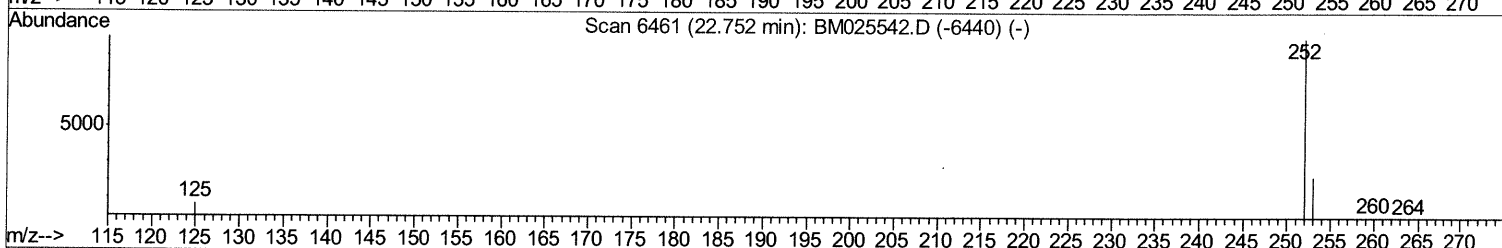
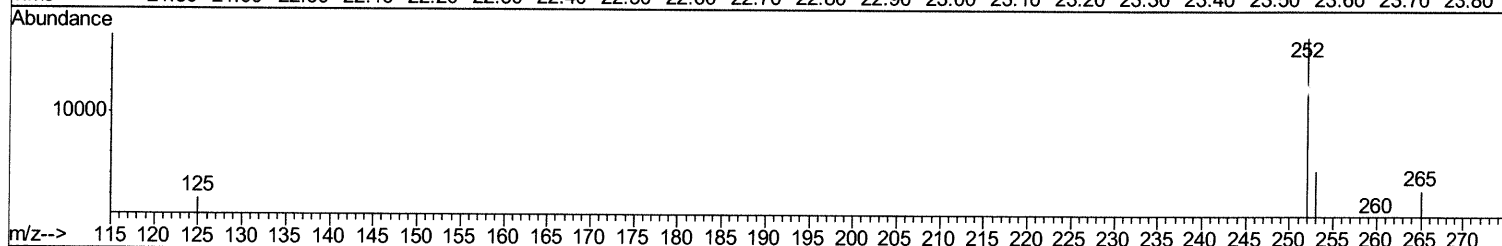
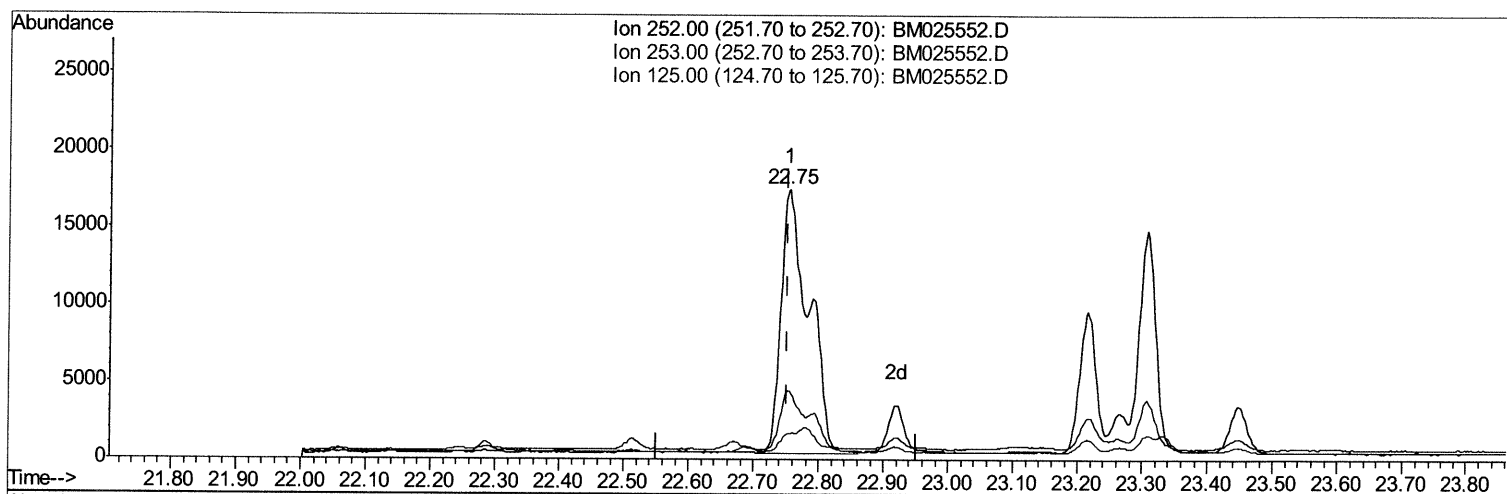
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Sample : L1786-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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TIC: BM025552.D

(21) Benzo(b)fluoranthene

22.754min (+0.002) 0.77ng/ul

response 50097

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.10 | 25.49 |
| 125.00 | 8.80  | 9.65  |
| 0.00   | 0.00  | 0.00  |

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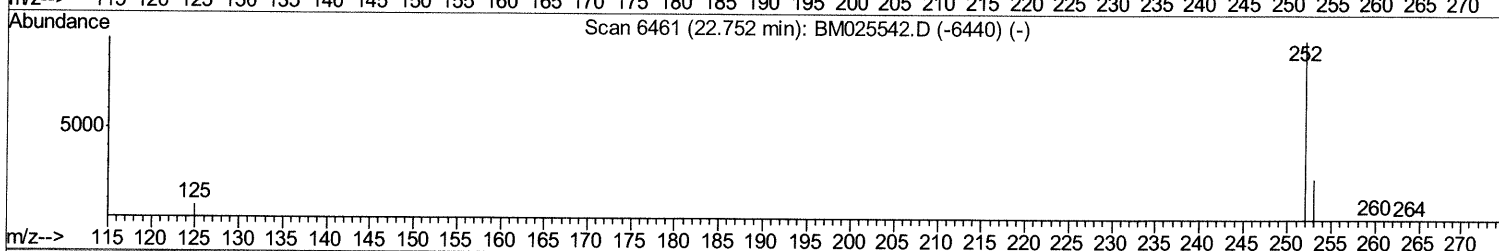
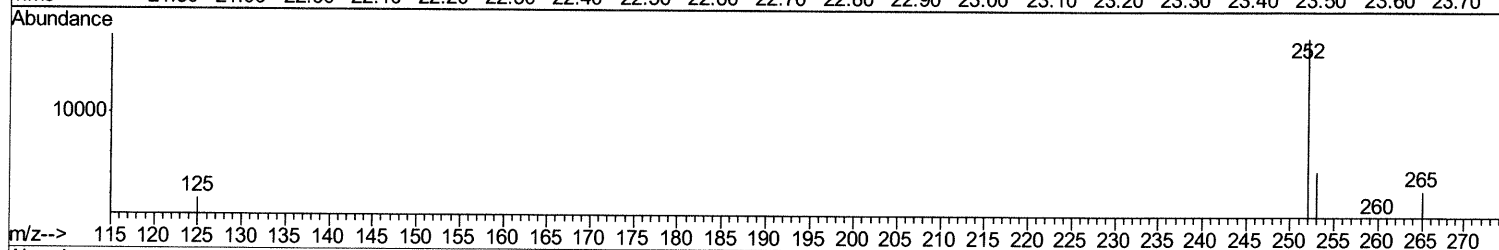
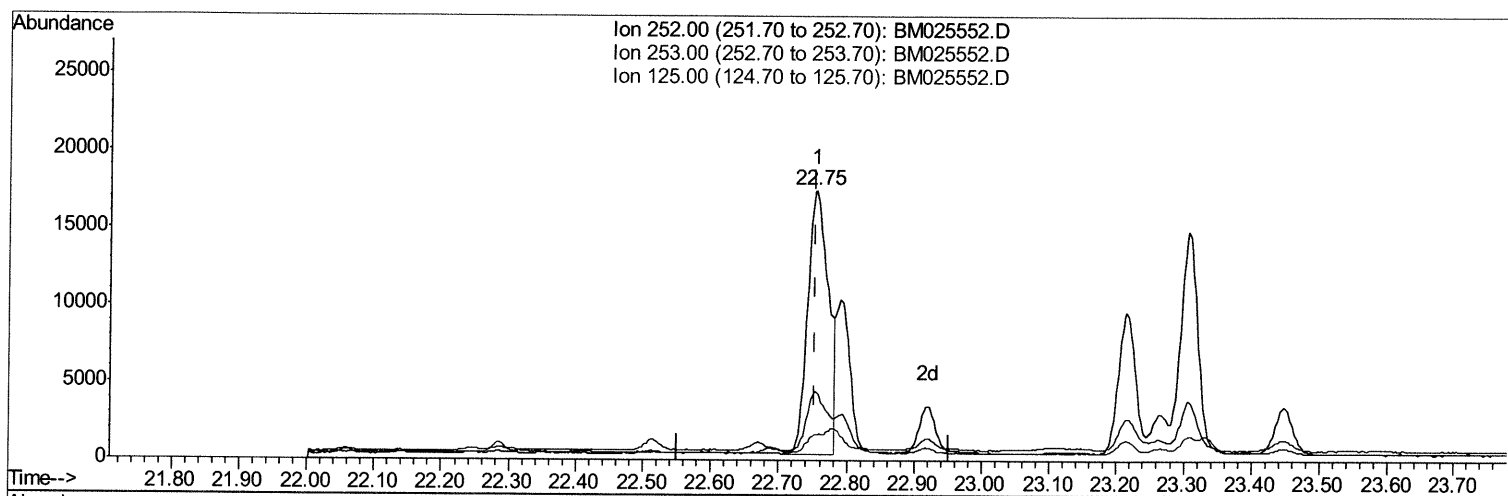
Data File : BM025552.D  
Acq On : 13 Mar 2020 21:49  
Operator : CG/JU  
Sample : L1786-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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TIC: BM025552.D

(21) Benzo(b)fluoranthene

22.754min (+0.002) 0.56ng/ul m 5403/6/20

response 36098

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 25.10 | 25.49 |
| 125.00 | 8.80  | 9.65  |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM031320\  
Quantitation Report (Qedit)

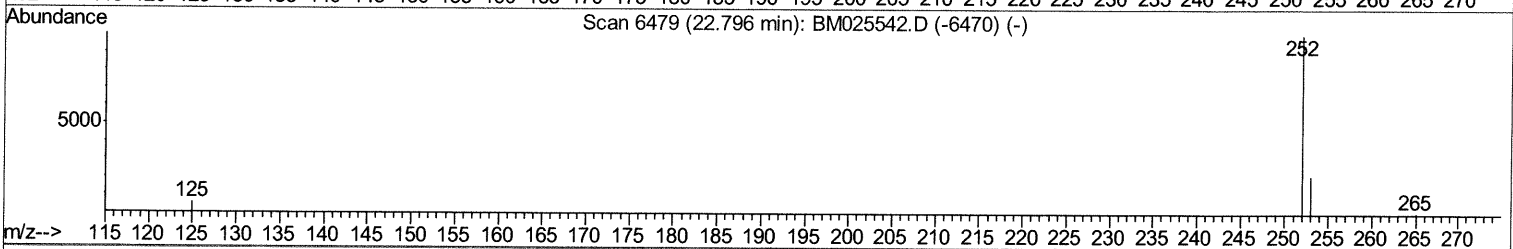
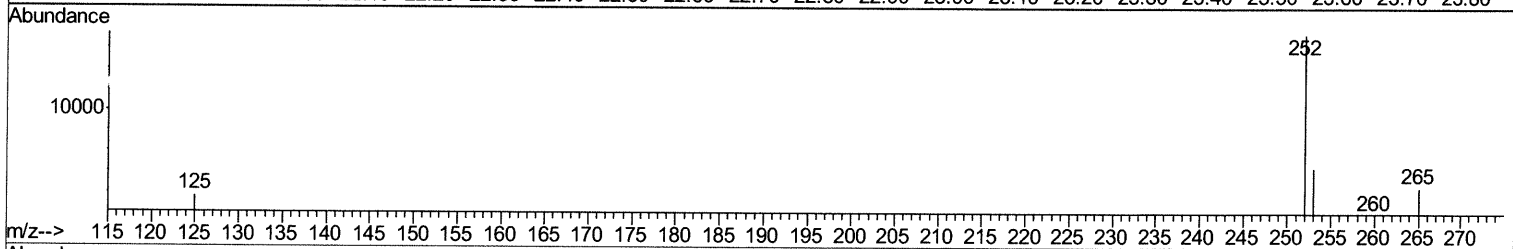
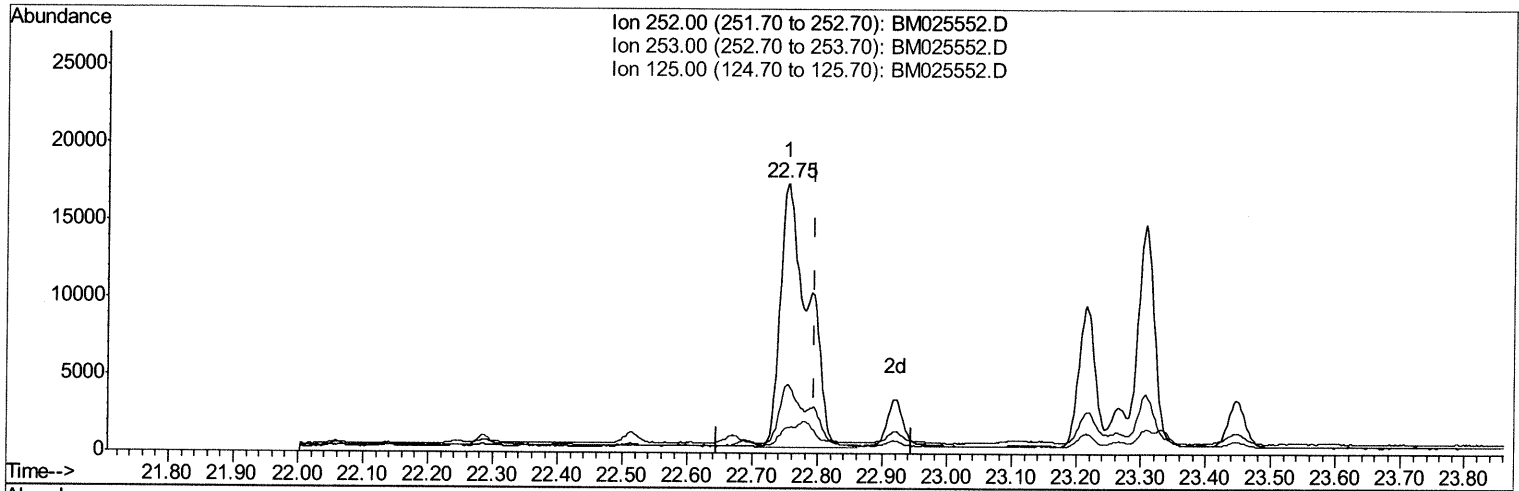
Data File : BM025552.D  
Acq On : 13 Mar 2020 21:49  
Operator : CG/JU  
Sample : L1786-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB9

Manual Integrations  
APPROVED

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TIC: BM025552.D

(22) Benzo(k)fluoranthene

22.754min (-0.041) 0.74ng/ul

response 50097

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 24.80 | 25.49 |
| 125.00 | 8.90  | 9.65  |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM031320\  
Quantitation Report (Qedit)

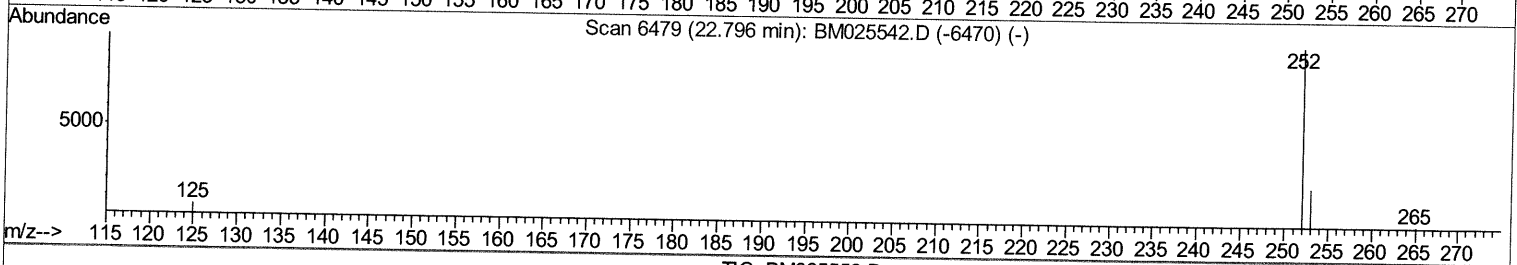
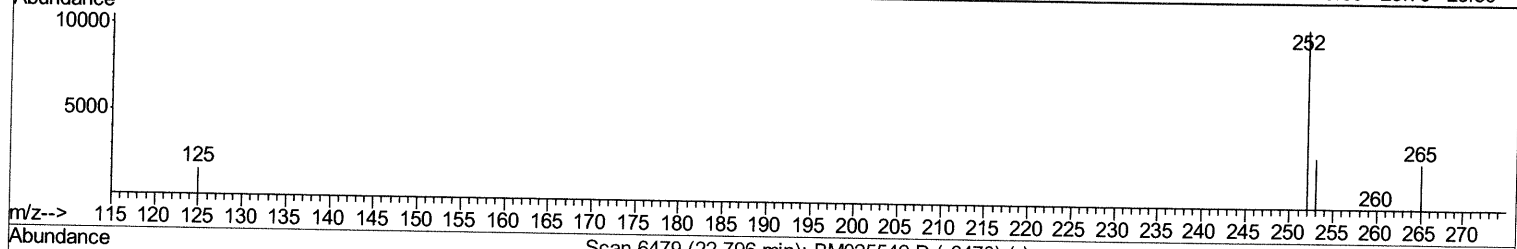
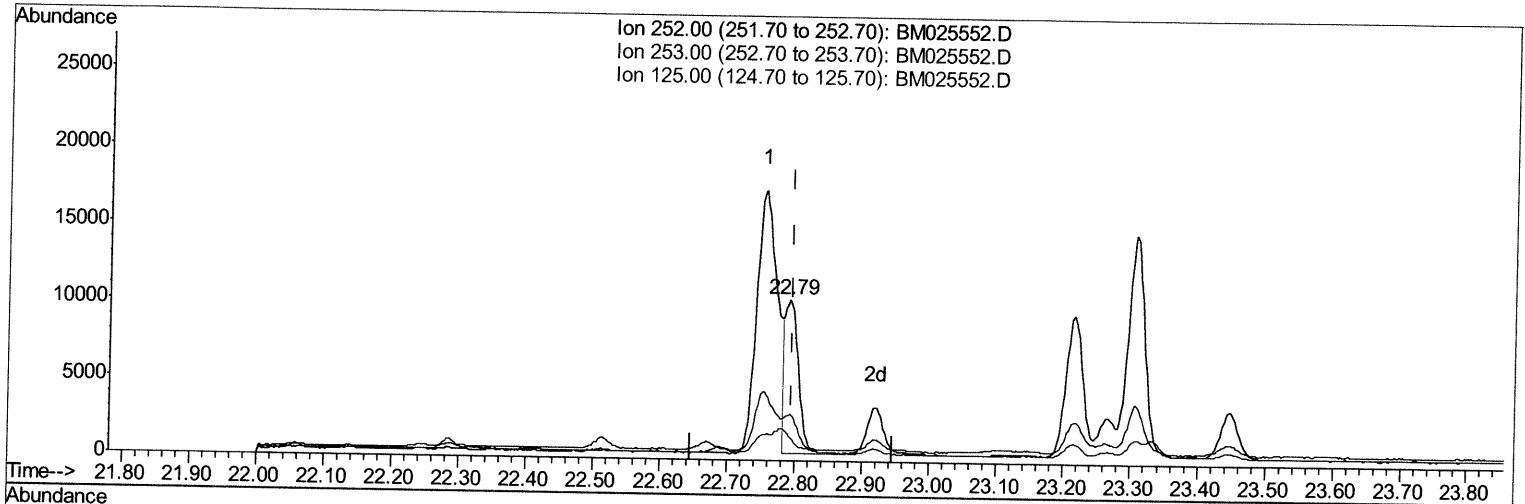
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Operator : CG/JU  
Sample : L1786-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB9

Manual Integrations  
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TIC: BM025552.D

(22) Benzo(k)fluoranthene

22.791min (-0.005) 0.21ng/ul m *5003/6/20*

response 14210

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 24.80 | 28.50  |
| 125.00 | 8.90  | 15.44# |
| 0.00   | 0.00  | 0.00   |

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Sample : L1786-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 2926     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.42 | 136  | 12919    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.28 | 164  | 9293     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.03 | 188  | 18995m>  | 0.40 | ng/ul | > 0.00   |
| 16) Chrysene-d12          | 21.22 | 240  | 15309    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.40 | 264  | 16352    | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.01 | 152  | 8167     | 0.35 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.06 | 212  | 17629    | 0.34 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 10.47 | 128  | 10684    | 0.279 | ng/ul  | 99     |
| 5) 2-Methylnaphthalene     | 12.09 | 142  | 1778     | 0.065 | ng/ul  | 99     |
| 7) Acenaphthylene          | 14.00 | 152  | 4083     | 0.108 | ng/ul# | 84     |
| 8) Acenaphthene            | 14.34 | 153  | 5670     | 0.170 | ng/ul  | 100    |
| 9) Fluorene                | 15.34 | 166  | 3503     | 0.086 | ng/ul  | 99     |
| 12) Phenanthrene           | 17.07 | 178  | 15205    | 0.253 | ng/ul  | 99     |
| 13) Anthracene             | 17.16 | 178  | 6539     | 0.125 | ng/ul  | 95     |
| 15) Fluoranthene           | 19.09 | 202  | 45540    | 0.698 | ng/ul  | 98     |
| 17) Pyrene                 | 19.45 | 202  | 39891    | 0.581 | ng/ul  | 98     |
| 18) Benzo(a)anthracene     | 21.20 | 228  | 25994    | 0.475 | ng/ul  | 97     |
| 19) Chrysene               | 21.25 | 228  | 23721    | 0.386 | ng/ul  | 99     |
| 21) Benzo(b)fluoranthene   | 22.75 | 252  | 36098m   | 0.557 | ng/ul  | } 99   |
| 22) Benzo(k)fluoranthene   | 22.79 | 252  | 14210m   | 0.209 | ng/ul  |        |
| 23) Benzo(a)pyrene         | 23.31 | 252  | 25113    | 0.467 | ng/ul  | 99     |
| 24) Indeno(1,2,3-cd)pyrene | 25.57 | 276  | 15513    | 0.213 | ng/ul# | 99     |
| 25) Dibenzo(a,h)anthracene | 25.58 | 278  | 4723     | 0.077 | ng/ul# | 78     |
| 26) Benzo(g,h,i)perylene   | 26.23 | 276  | 13867    | 0.219 | ng/ul# | 97     |

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