

# Quantitation Report (Qedit)

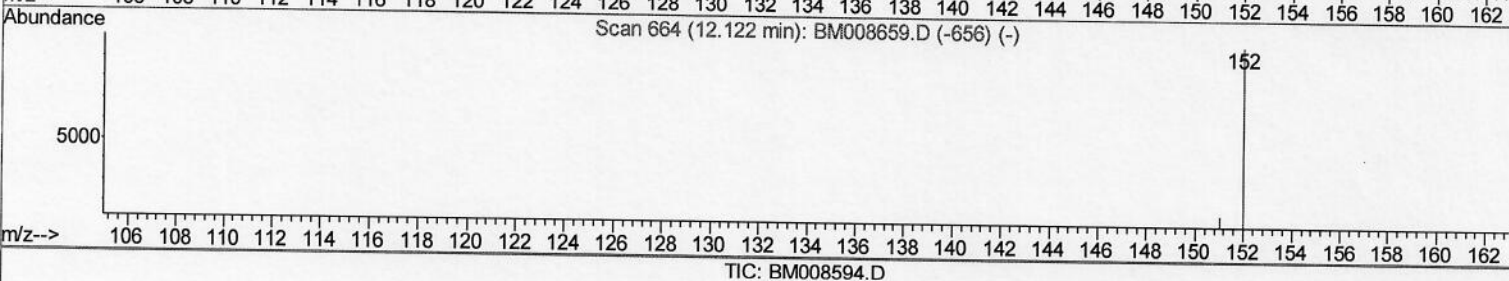
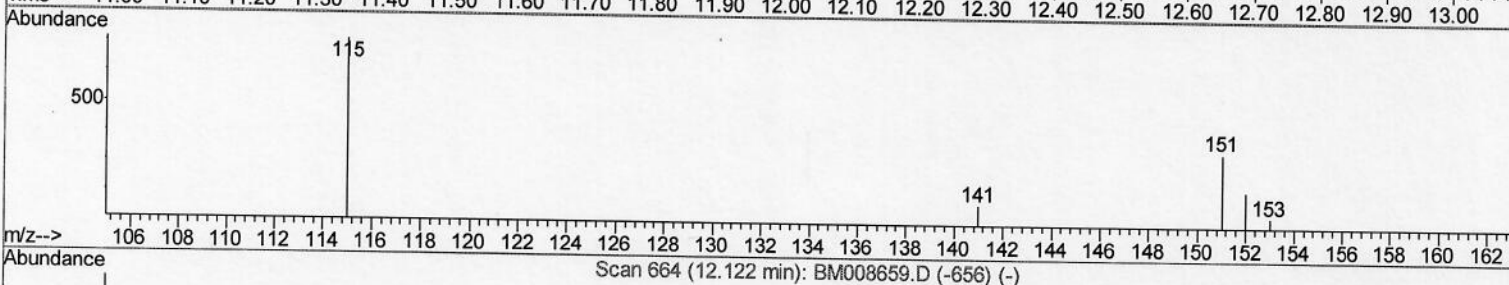
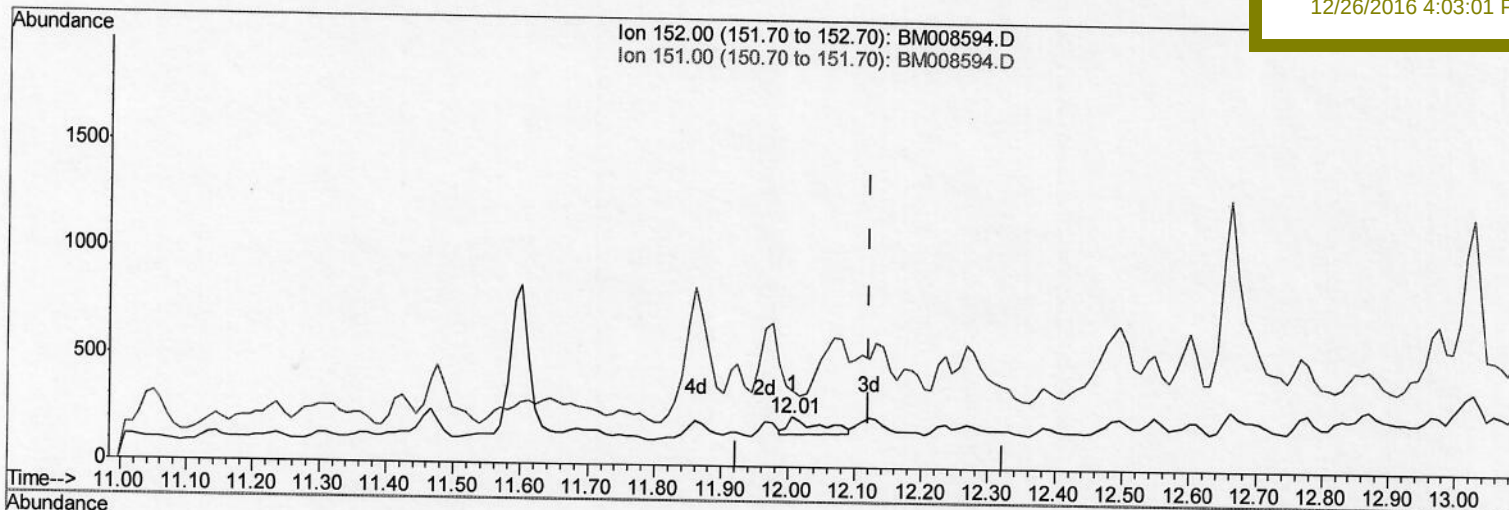
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008594.D  
 Acq On : 23 Dec 2016 14:19  
 Operator : UM/SJ  
 Sample : H5970-22DL 5X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA861DL

Quant Time: Dec 26 12:20:15 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 26 03:21:10 2016  
 Response via : Initial Calibration

Manual Integrations  
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(4) 2-Methylnaphthalene-d10 (SURR)

12.007min (-0.114) 0.13ng/ul

response 259

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 152.00 | 100   | 100   |
| 151.00 | 19.30 | 0.00# |
| 0.00   | 0.00  | 0.00  |
| 0.00   | 0.00  | 0.00  |

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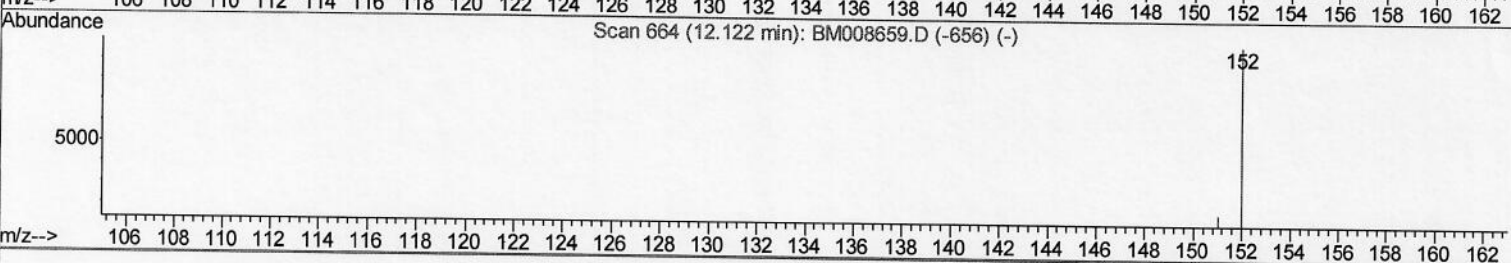
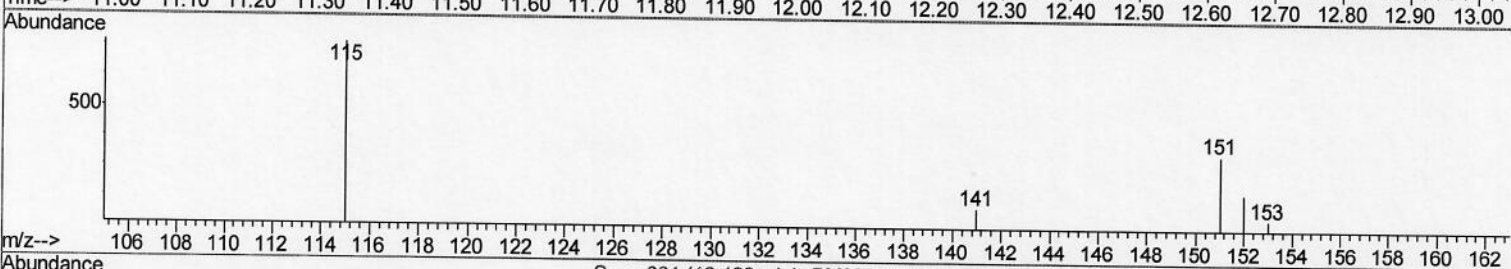
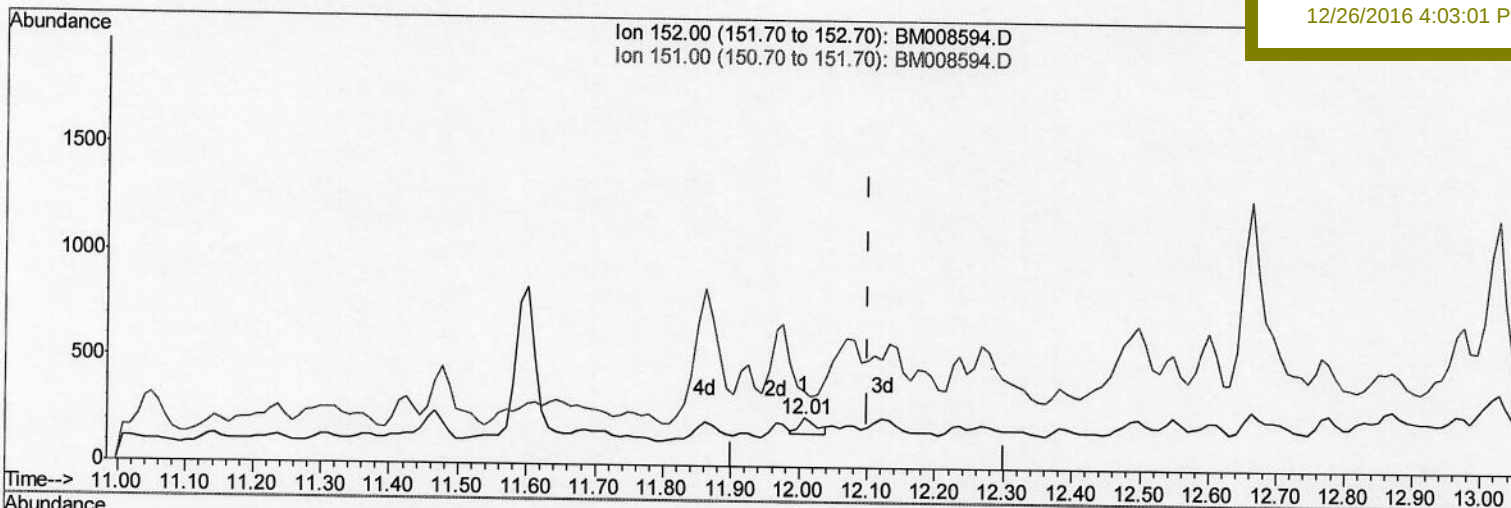
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TIC: BM008594.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.007min (-0.093) 0.07ng/ul m

response 137

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 152.00 | 100   | 100   |
| 151.00 | 19.30 | 0.00# |
| 0.00   | 0.00  | 0.00  |
| 0.00   | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

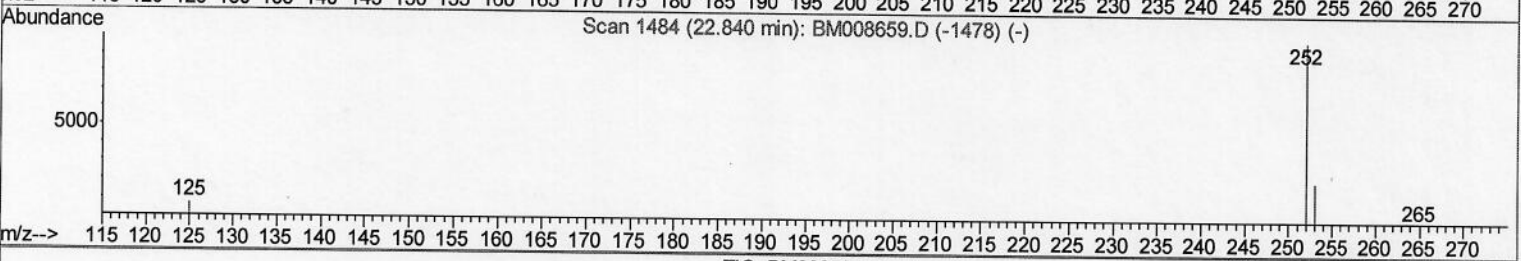
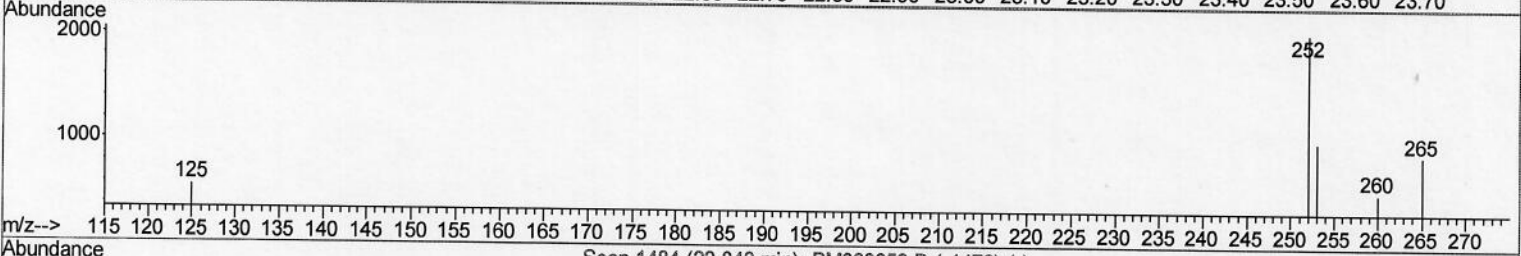
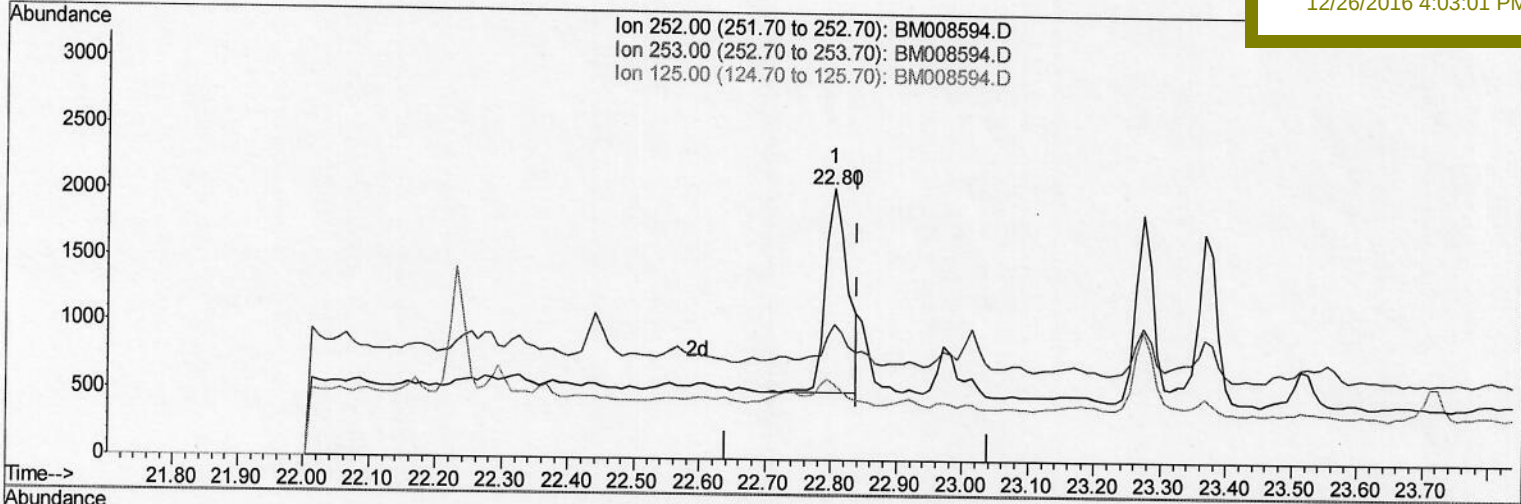
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TIC: BM008594.D

(21) Benzo(b)fluoranthene  
 22.805min (-0.035) 0.04ng/ul  
 response 3494

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 49.73 |
| 125.00 | 17.50 | 27.78 |
| 0.00   | 0.00  | 0.00  |

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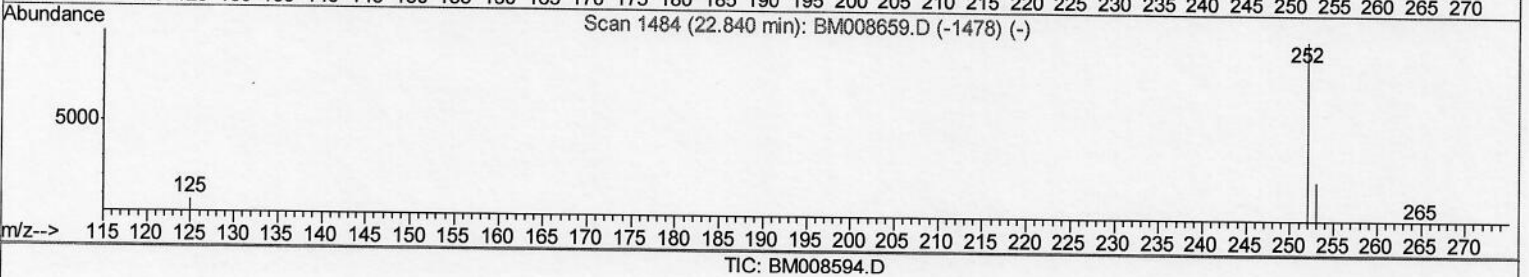
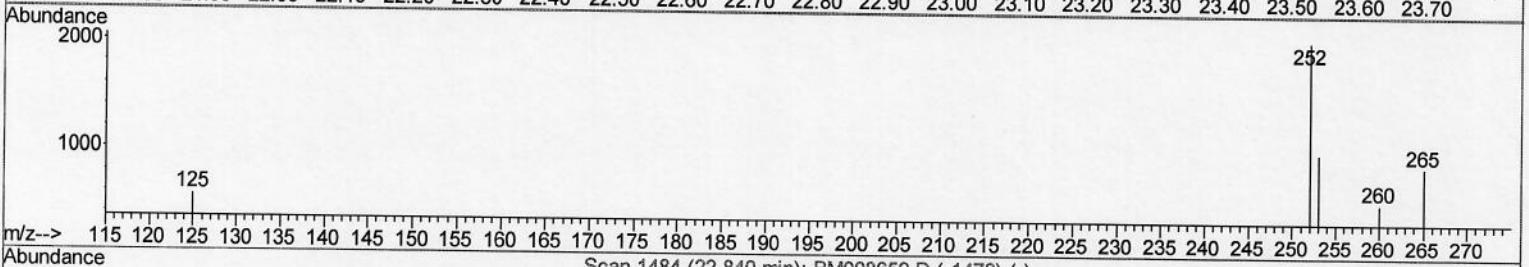
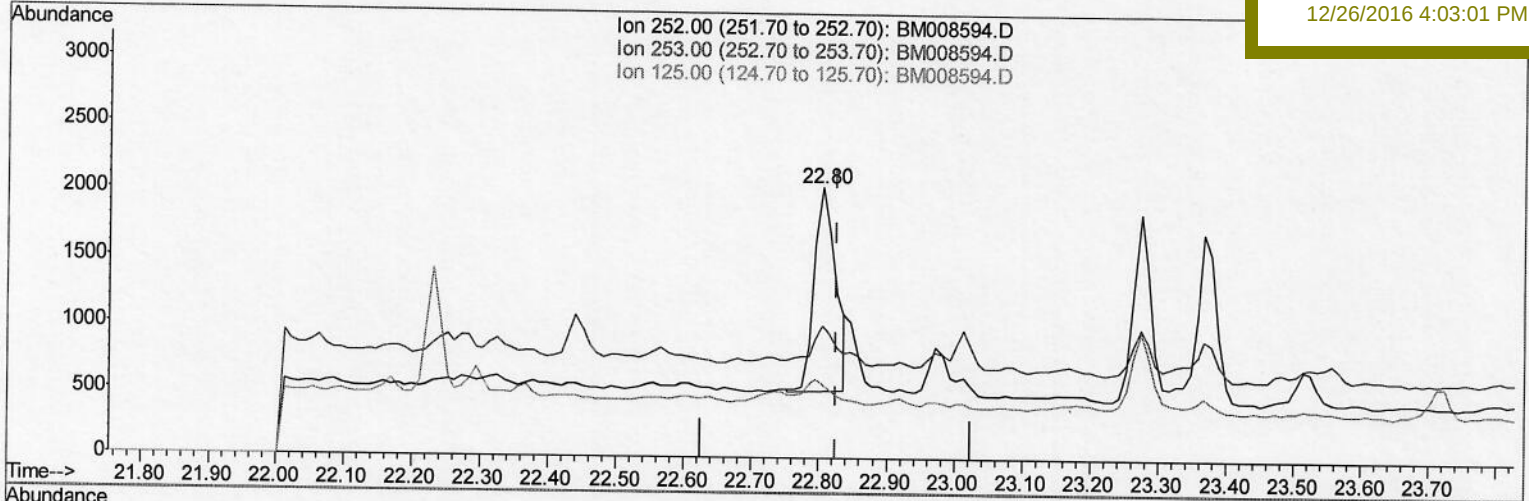
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(21) Benzo(b)fluoranthene  
 22.805min (-0.021) 0.47ng/ul m  
 response 3452  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 49.73 |
| 125.00 | 17.50 | 27.78 |
| 0.00   | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

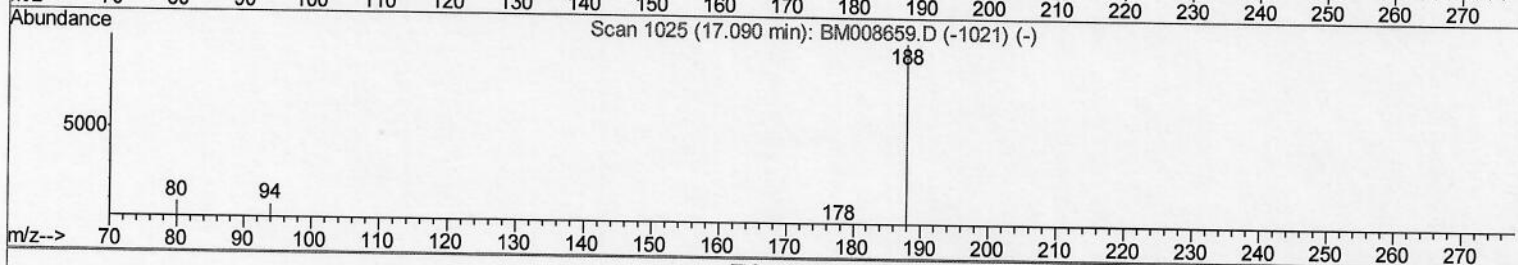
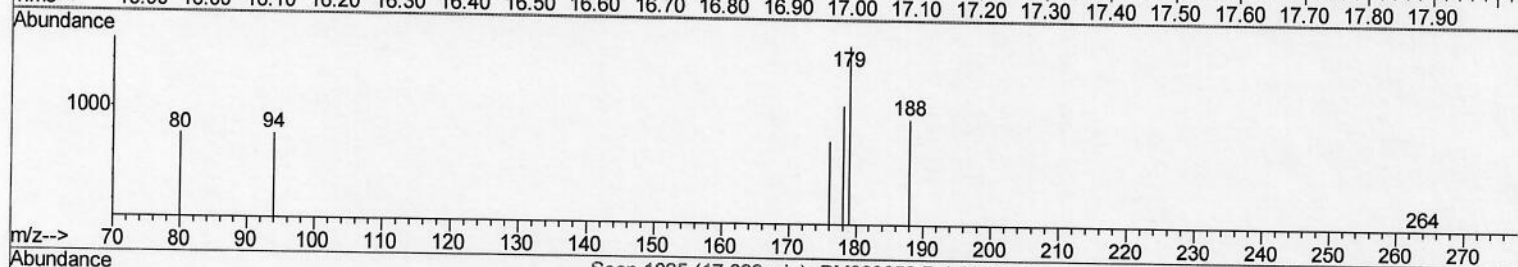
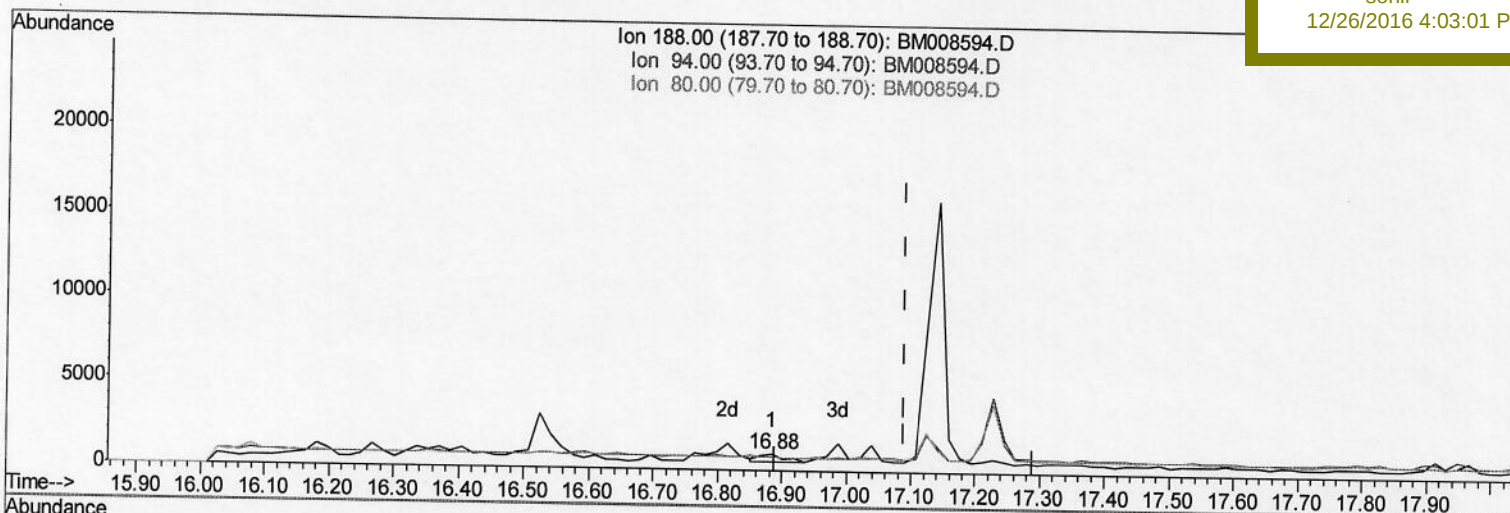
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TIC: BM008594.D

(10) Phenanthrene-d10 (I)  
 16.884min (-0.206) 0.40ng/ul  
 response 1076

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.00 | 80.44# |
| 80.00  | 11.80 | 79.92# |
| 0.00   | 0.00  | 0.00   |

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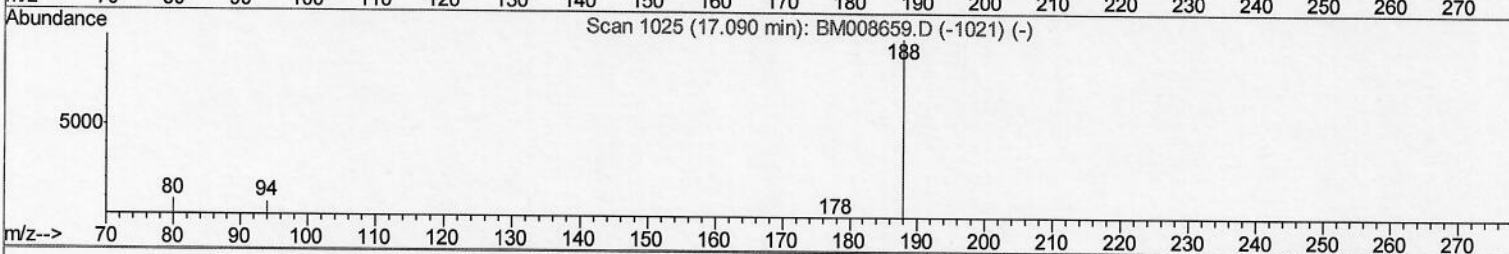
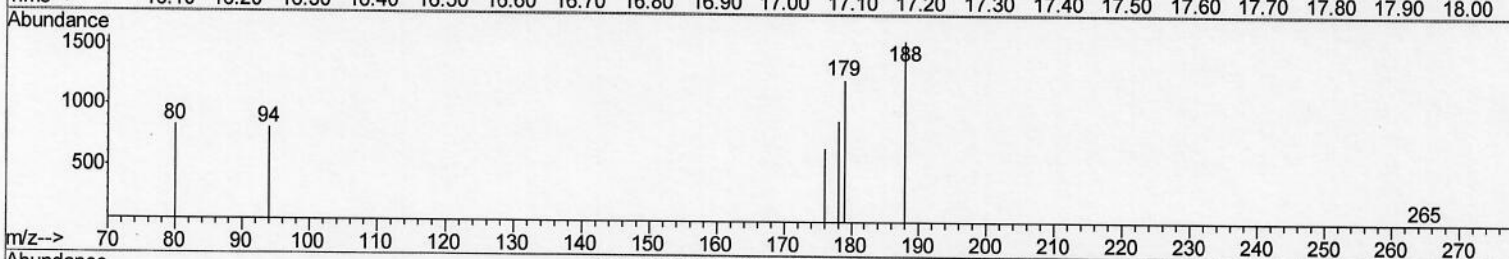
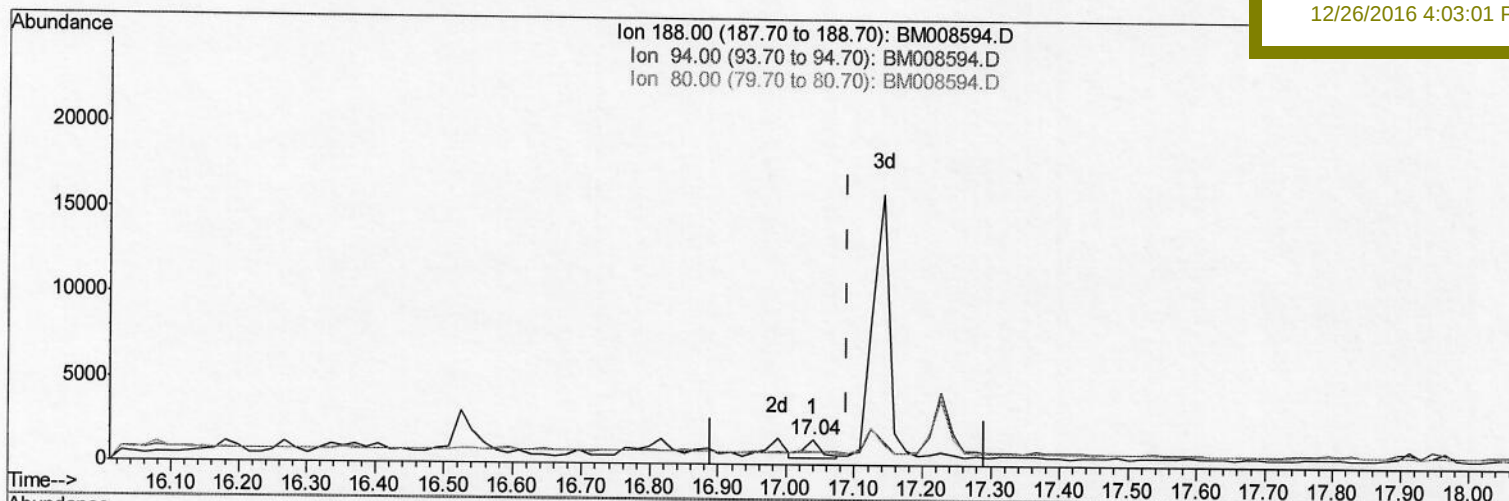
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Sample : H5970-22DL 5X  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

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TIC: BM008594.D

(10) Phenanthrene-d10 (I)

17.039min (-0.051) 0.40ng/ul m

response 1938

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 11.00 | 51.55# |
| 80.00  | 11.80 | 52.96# |
| 0.00   | 0.00  | 0.00   |

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# Quantitation Report (Qedit)

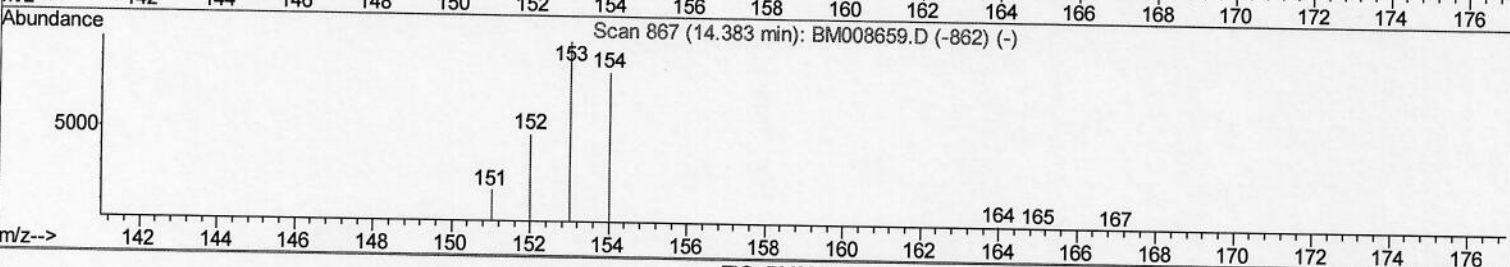
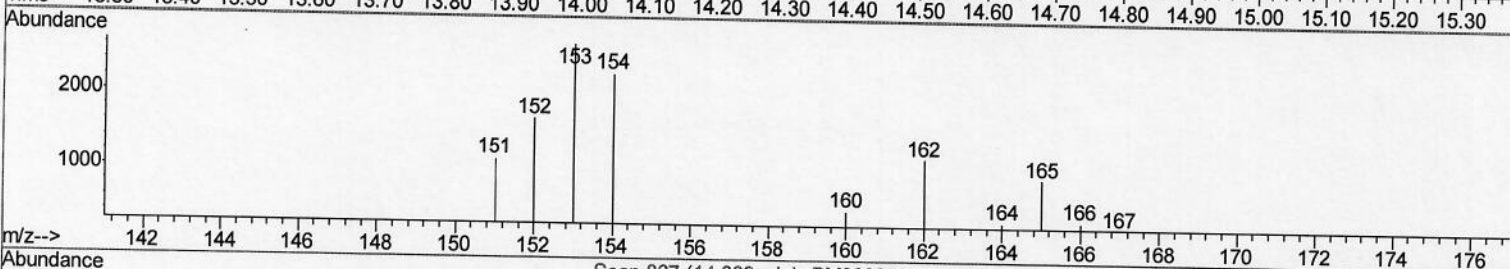
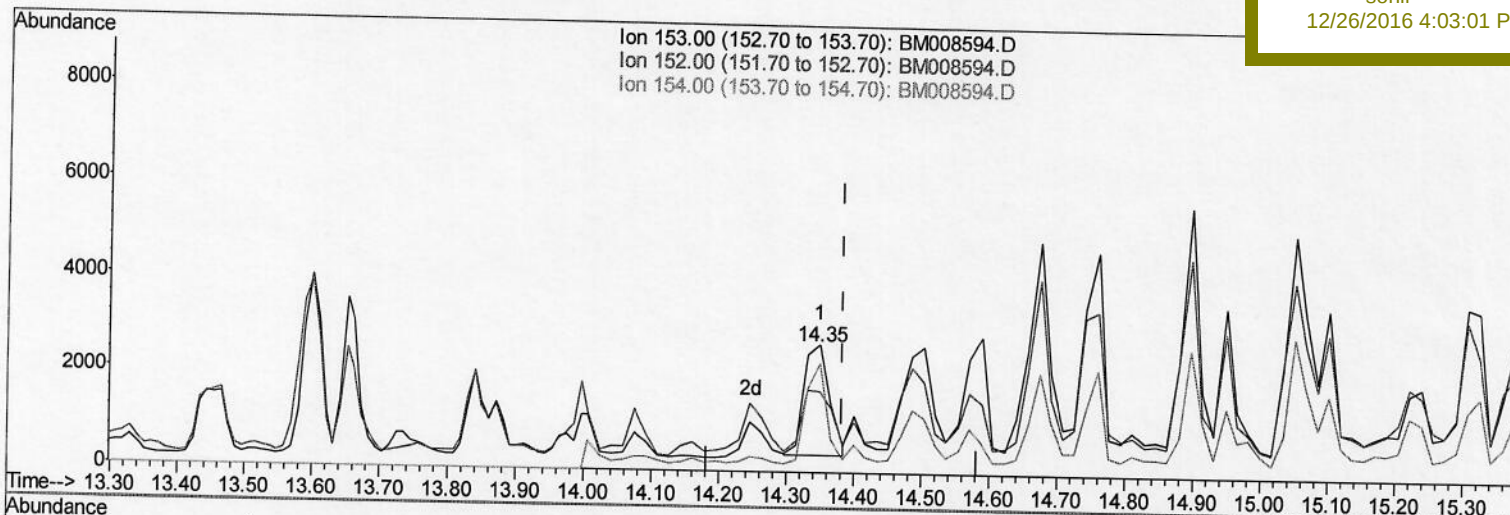
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
 Data File : BM008594.D  
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 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 Client Sampled :  
 DA861DL

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TIC: BM008594.D

(8) Acenaphthene (C)  
 14.348min (-0.034) 1.54ng/ul m  
 response 5925  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 153.00 | 100   | 100    |
| 152.00 | 50.40 | 63.05# |
| 154.00 | 89.30 | 85.41  |
| 0.00   | 0.00  | 0.00   |

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# Quantitation Report (Qedit)

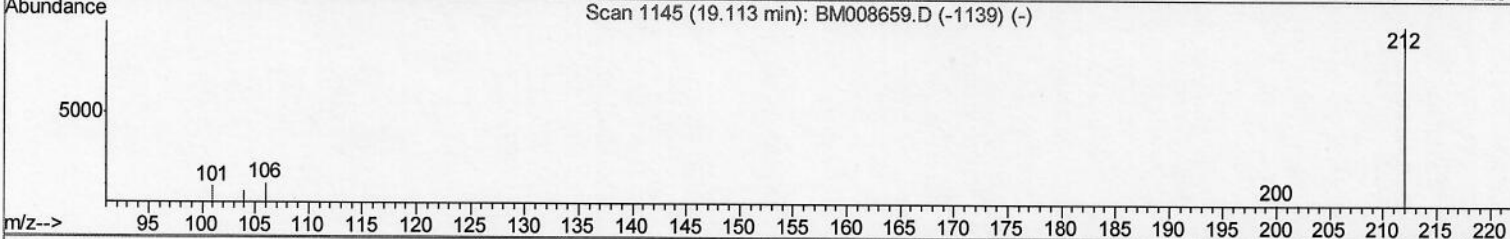
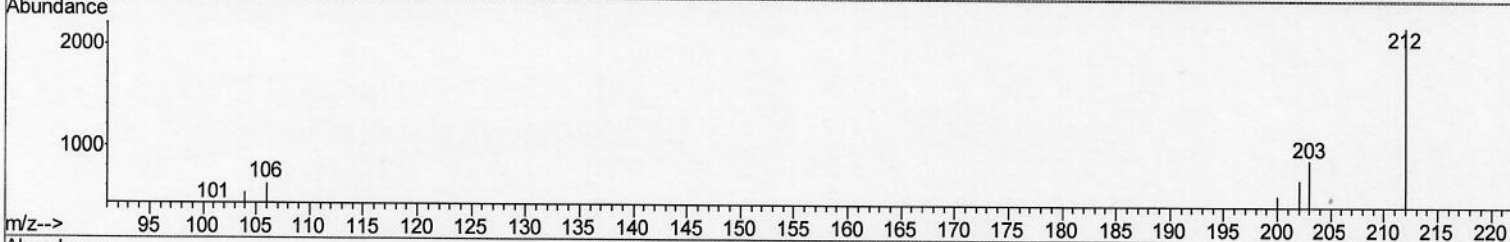
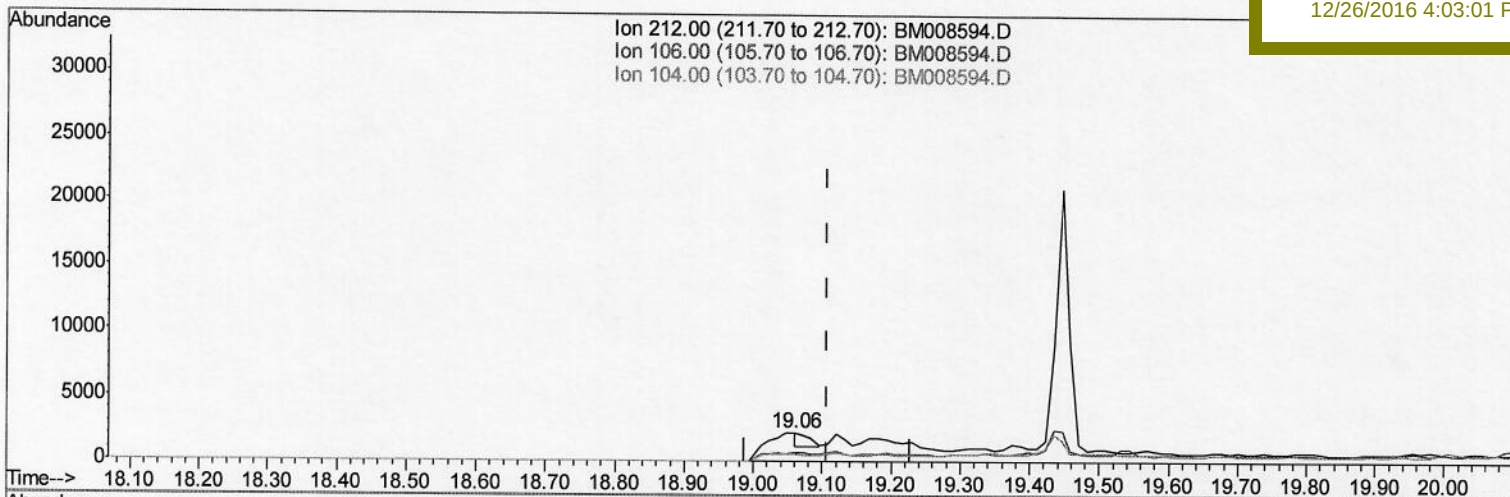
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM122316\  
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 Sample : H5970-22DL 5X  
 Misc :  
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 DA861DL

Manual Integrations  
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TIC: BM008594.D

(14) Fluoranthene-d10 (SURR)

19.060min (-0.048) 0.22ng/ul m

response 1165

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 212.00 | 100   | 100     |
| 106.00 | 18.30 | 364.64# |
| 104.00 | 15.60 | 0.00#   |
| 0.00   | 0.00  | 0.00    |

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# Quantitation Report (Qedit)

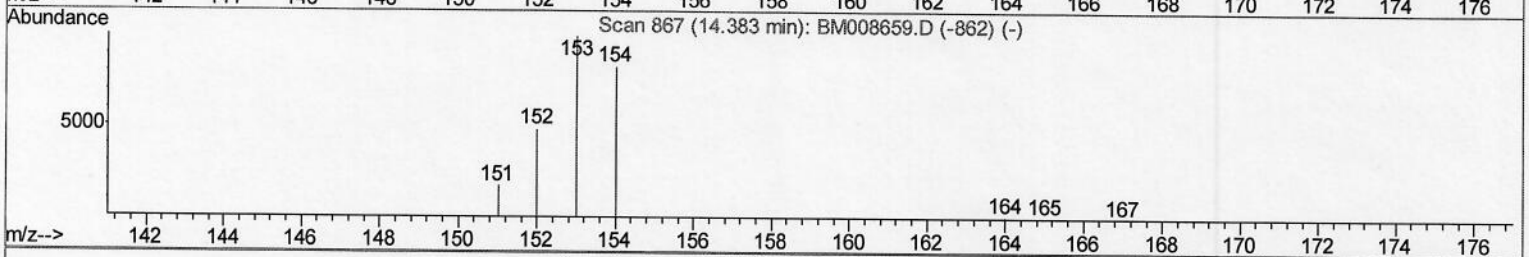
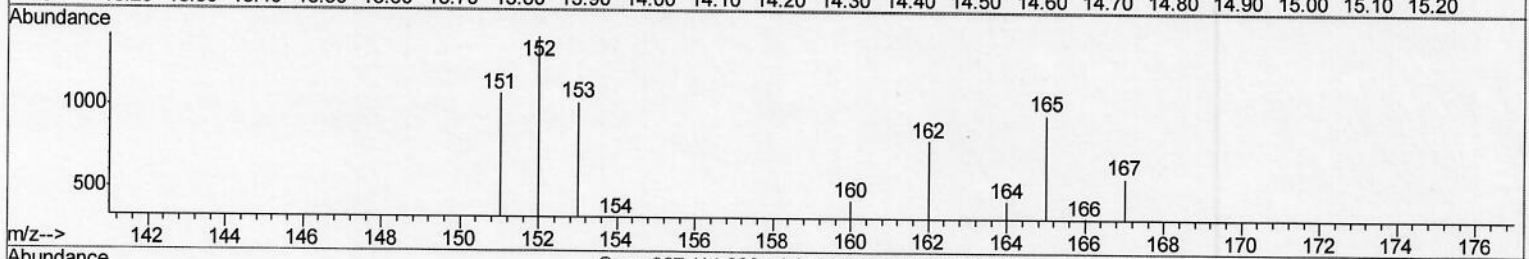
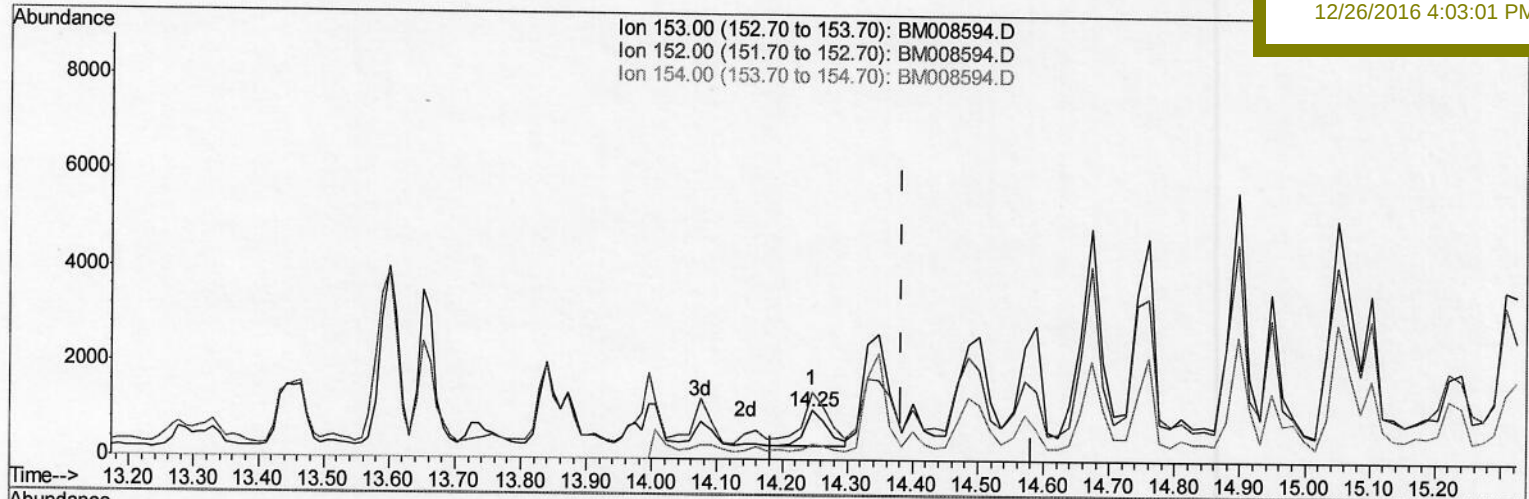
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TIC: BM008594.D

(8) Acenaphthene (C)

14.246min (-0.137) 3.36ng/ul

response 1863

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 153.00 | 100   | 100     |
| 152.00 | 50.40 | 138.92# |
| 154.00 | 89.30 | 31.67#  |
| 0.00   | 0.00  | 0.00    |

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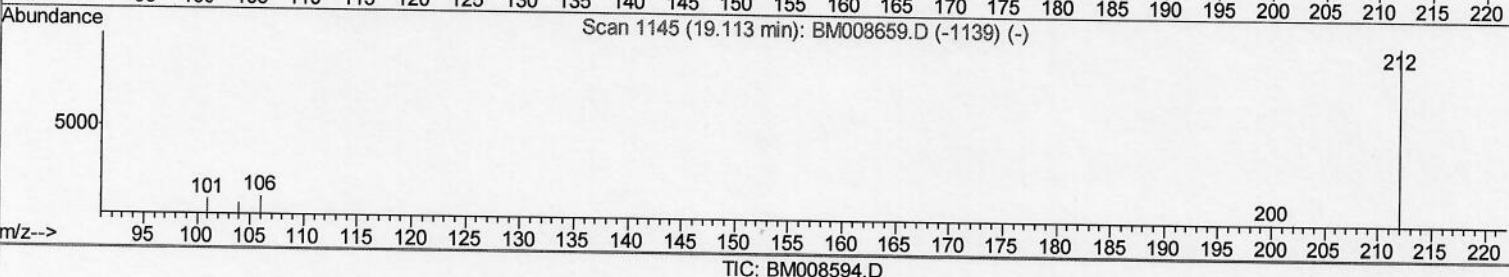
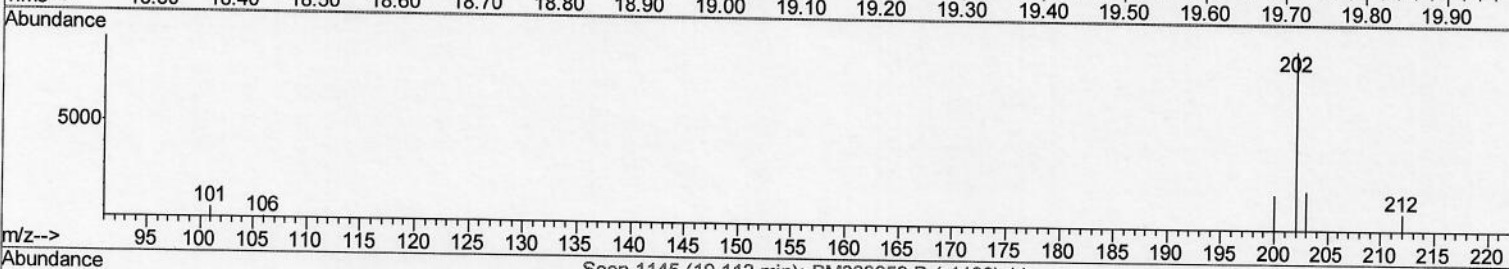
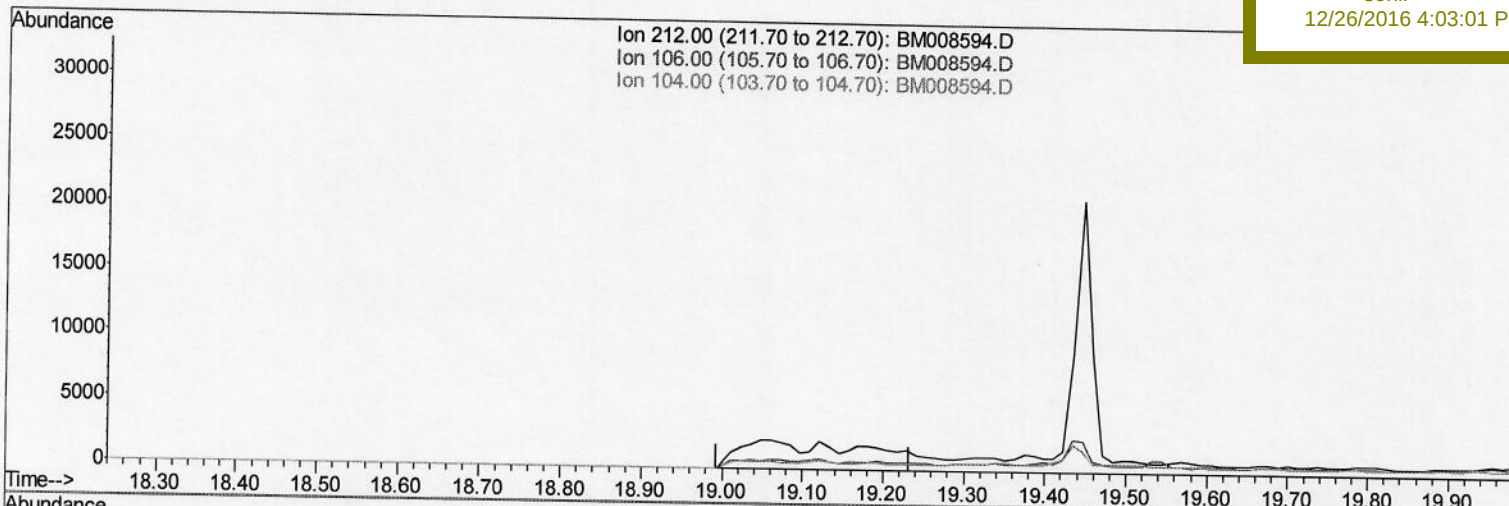
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Manual Integrations

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(14) Fluoranthene-d10 (SURR)

19.113min (-19.113) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 212.00 | 100   | 0.00  |
| 106.00 | 18.30 | 0.00# |
| 104.00 | 15.60 | 0.00# |
| 0.00   | 0.00  | 0.00  |

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| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.67  | 152  | 392      | 0.40 | ng/ul  | -0.08    |
| 2) Naphthalene-d8           | 10.43 | 136  | 1340     | 0.40 | ng/ul  | -0.06    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 1132     | 0.40 | ng/ul  | -0.03    |
| 10) Phenanthrene-d10        | 16.99 | 188  | 4319m    | 0.40 | ng/ul  | -0.10    |
| 16) Chrysene-d12            | 21.25 | 240  | 1880     | 0.40 | ng/ul  | -0.02    |
| 20) Perylene-d12            | 23.47 | 264  | 1871     | 0.40 | ng/ul  | -0.03    |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.01 | 152  | 137m     | 0.07 | ng/ul  | -0.09    |
| 14) Fluoranthene-d10        | 19.06 | 212  | 1165m    | 0.10 | ng/ul  | -0.05    |
| Target Compounds            |       |      |          |      |        |          |
| 3) Naphthalene              | 10.46 | 128  | 4394     | 1.17 | ng/ul# | 93       |
| 5) 2-Methylnaphthalene      | 12.08 | 142  | 11392    | 4.49 | ng/ul  | 99       |
| 8) Acenaphthene             | 14.35 | 153  | 5925m    | 1.54 | ng/ul  |          |
| 9) Fluorene                 | 15.34 | 166  | 13782    | 3.14 | ng/ul  | 89       |
| 12) Phenanthrene            | 17.07 | 178  | 38177    | 2.89 | ng/ul# | 94       |
| 15) Fluoranthene            | 19.11 | 202  | 11873    | 0.73 | ng/ul  | 87       |
| 17) Pyrene                  | 19.47 | 202  | 22460    | 3.09 | ng/ul  | 95       |
| 18) Benzo(a)anthracene      | 21.23 | 228  | 4673     | 0.76 | ng/ul# | 37       |
| 19) Chrysene                | 21.28 | 228  | 4203     | 0.62 | ng/ul# | 46       |
| 21) Benzo(b)fluoranthene    | 22.80 | 252  | 3452m    | 0.47 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.37 | 252  | 2734     | 0.40 | ng/ul# | 77       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.71 | 276  | 1319     | 0.16 | ng/ul# | 76       |
| 26) Benzo(g,h,i)perylene    | 26.40 | 276  | 1465     | 0.21 | ng/ul# | 66       |

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

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