

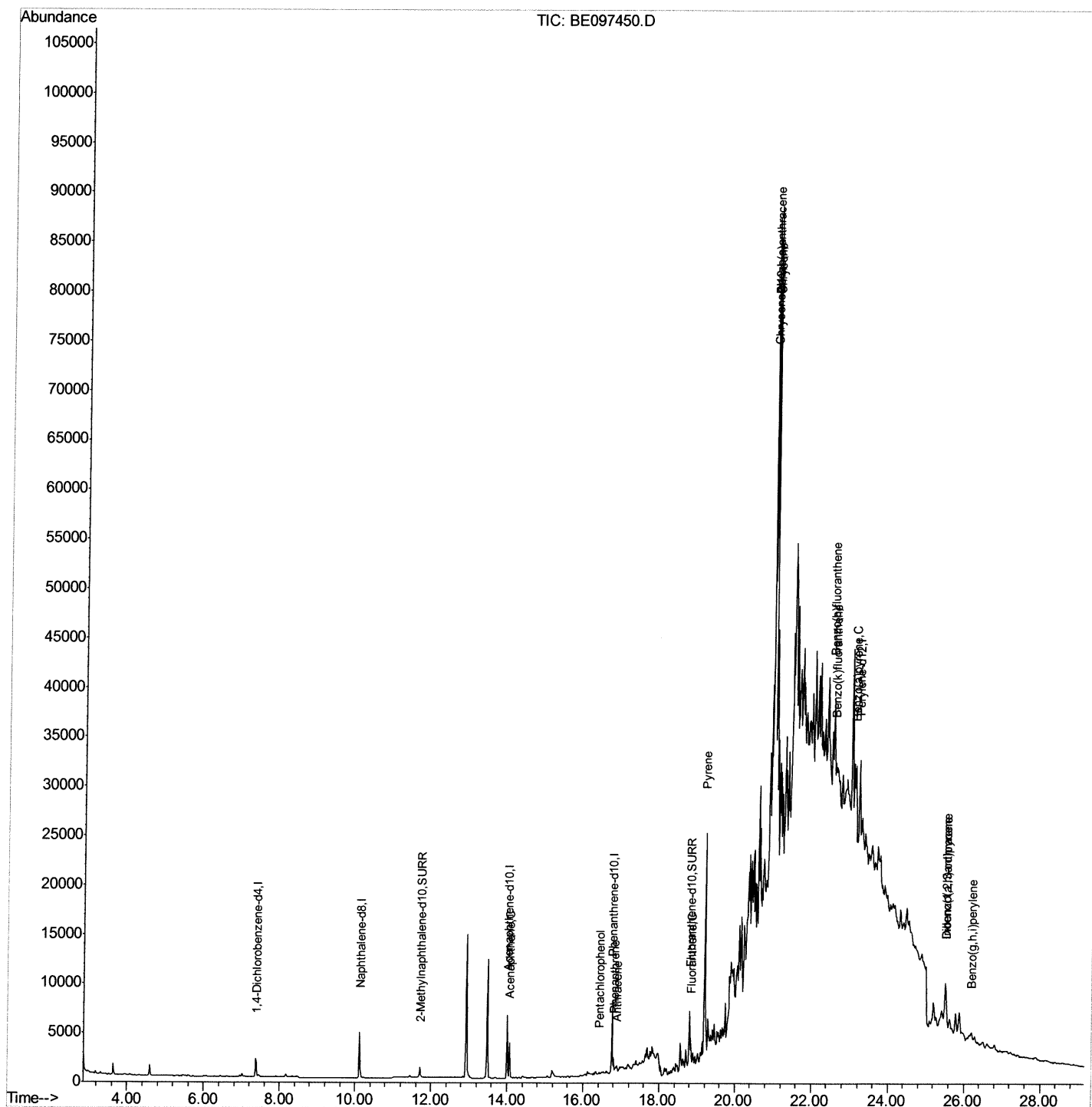
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
Data File : BE097450.D  
Acq On : 12 Sep 2018 12:11  
Operator : SJ/JU  
Sample : J4792-06MS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
A3YZ4MS

Manual Integrations  
APPROVED

Sohil  
9/13/2018 5:42:14 PM

Quant Time: Sep 13 01:30:29 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 13 01:16:50 2018  
Response via : Initial Calibration



## Quantitation Report (Qedit)

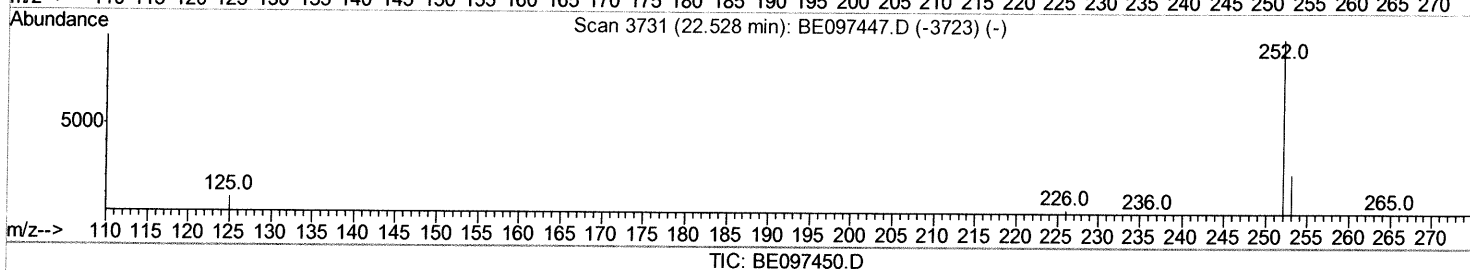
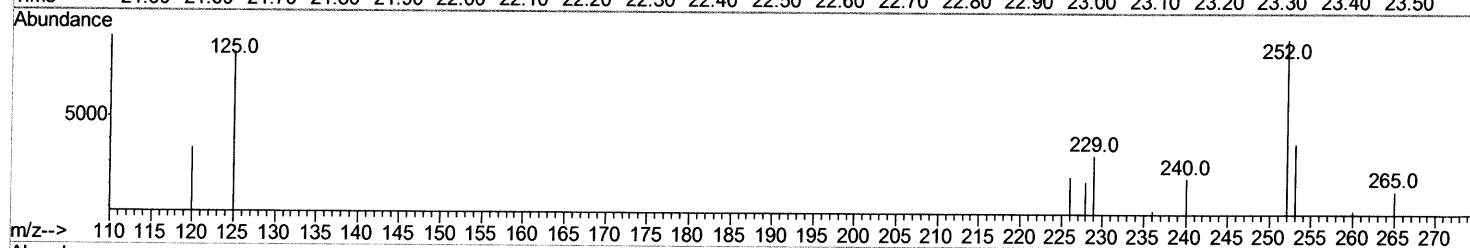
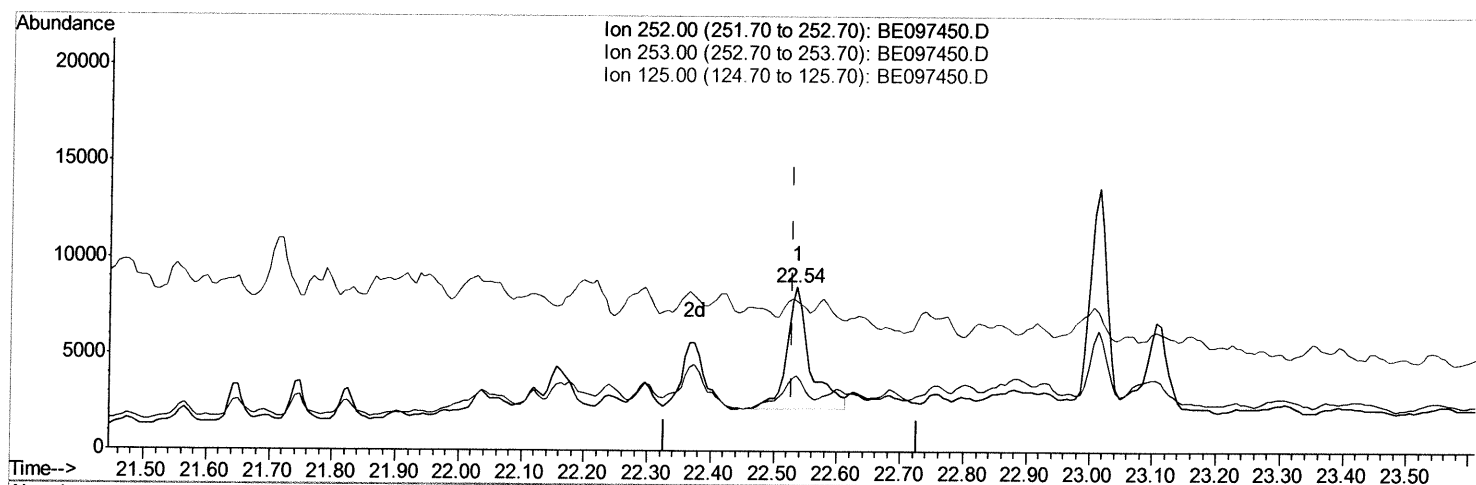
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(21) Benzo(b)fluoranthene

22.535min (+0.007) 0.55ng/ul

response 16949

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 46.06  |
| 125.00 | 17.50 | 91.75# |
| 0.00   | 0.00  | 0.00   |

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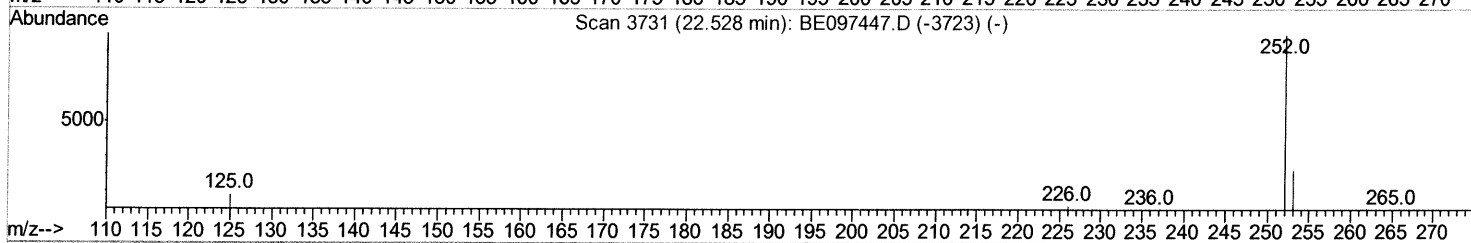
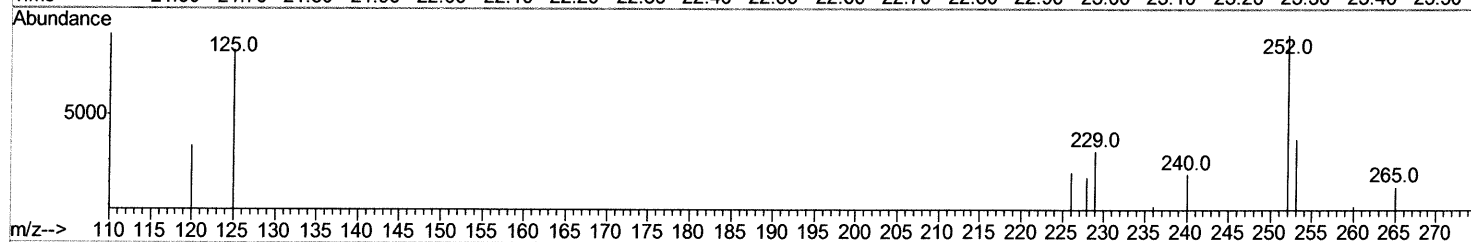
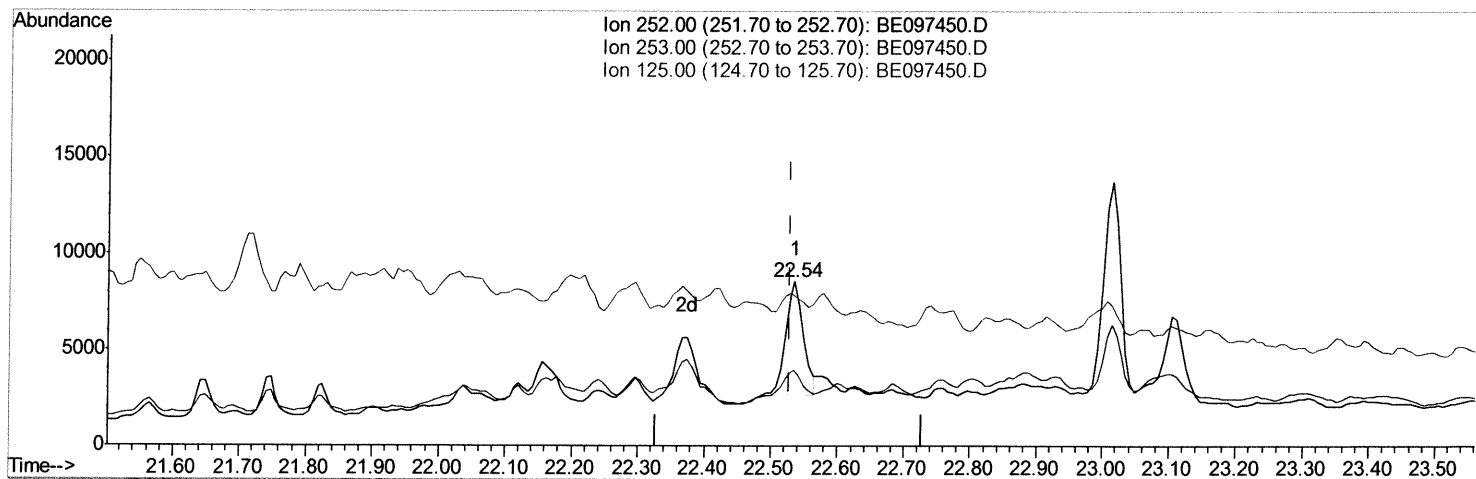
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TIC: BE097450.D

(21) Benzo(b)fluoranthene

22.535min (+0.007) 0.36ng/ul m> SJ 9/18/18

response 11092

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 32.10 | 46.06  |
| 125.00 | 17.50 | 91.75# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

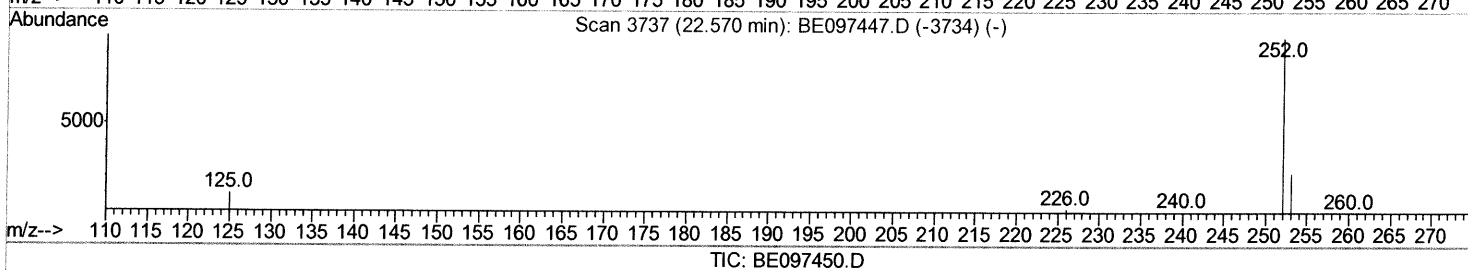
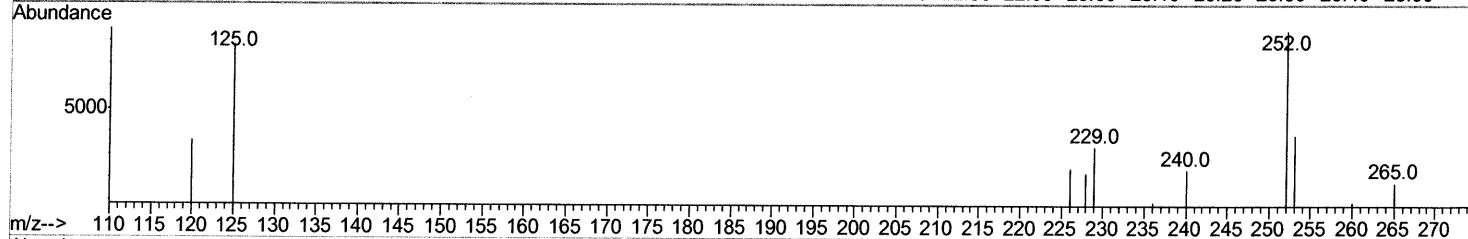
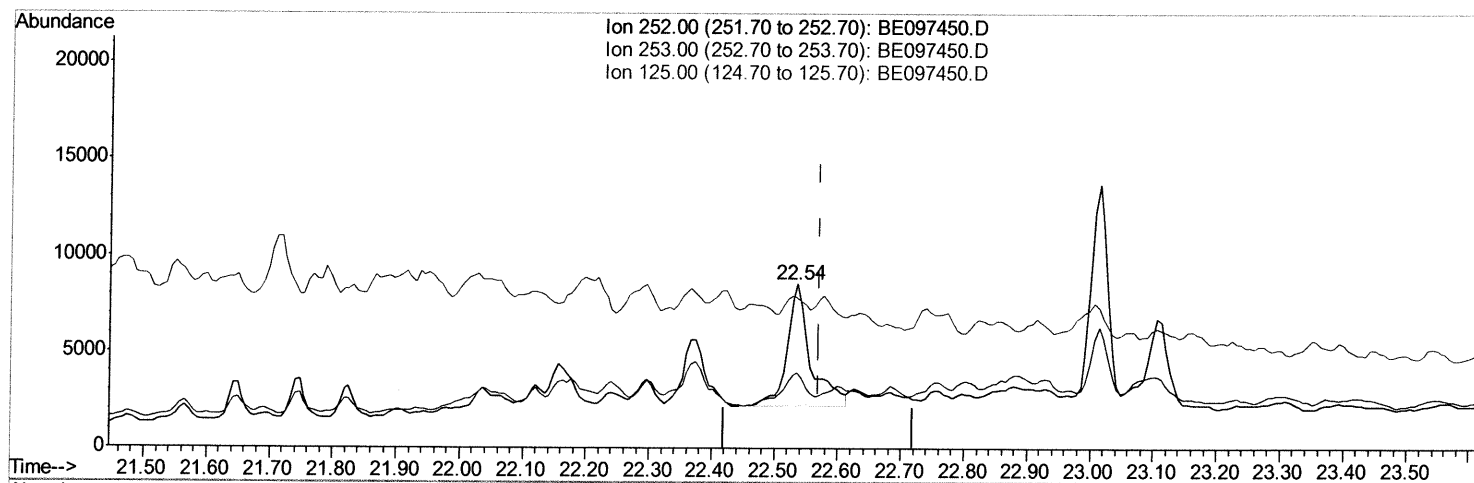
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(22) Benzo(k)fluoranthene

22.535min (-0.035) 0.49ng/ul

response 16949

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 46.06# |
| 125.00 | 17.10 | 91.75# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

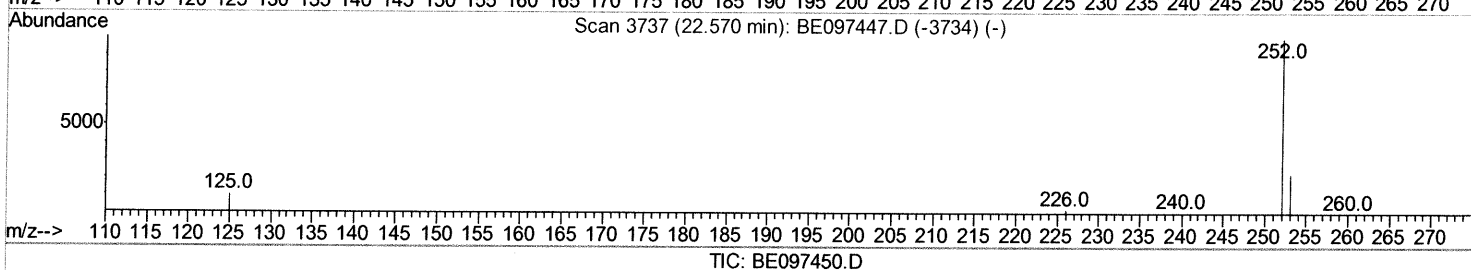
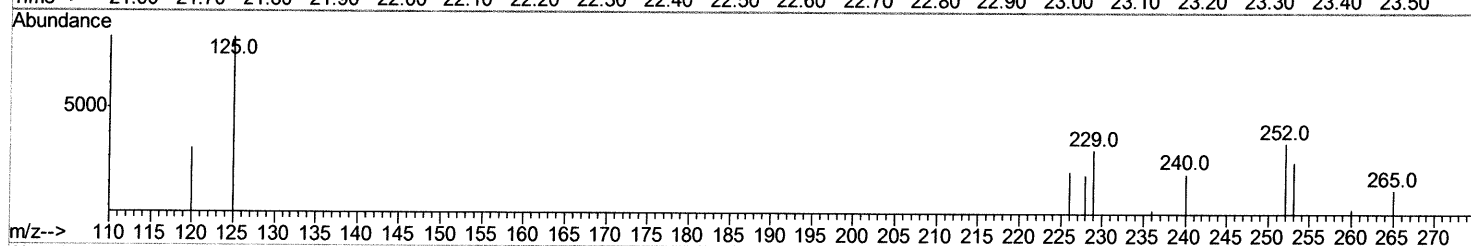
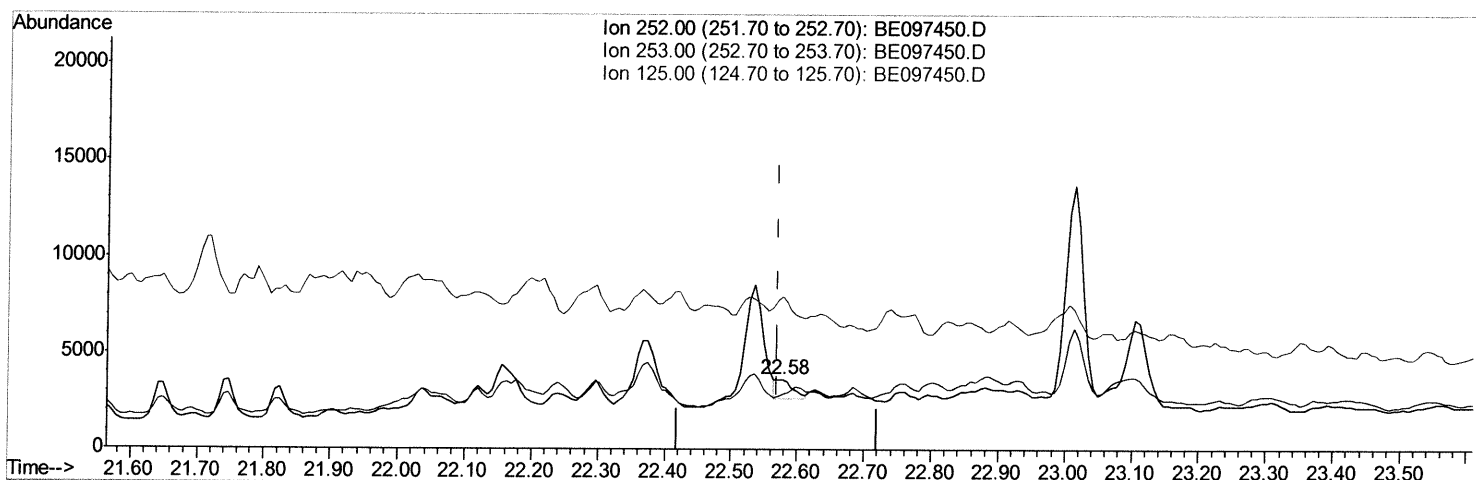
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 Sample : J4792-06MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 A3YZ4MS

Manual Integrations  
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 QLast Update : Thu Sep 13 01:16:50 2018  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.577min (+0.007) 0.06ng/ul m > 53 9/18/18

response 1901

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 30.60 | 78.97#  |
| 125.00 | 17.10 | 218.10# |
| 0.00   | 0.00  | 0.00    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\  
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 Operator : SJ/JU  
 Sample : J4792-06MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 A3YZ4MS

Manual Integrations  
 APPROVED

Sohil  
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 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.37  | 152  | 921      | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.12 | 136  | 5259     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.01 | 164  | 3562     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 16.76 | 188  | 9163     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 20.97 | 240  | 10775    | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.21 | 264  | 11491    | 0.40 | ng/ul | 0.00     |

## System Monitoring Compounds

|                            |       |     |      |      |       |      |
|----------------------------|-------|-----|------|------|-------|------|
| 4) 2-Methylnaphthalene-d10 | 11.72 | 152 | 1599 | 0.20 | ng/ul | 0.00 |
| 14) Fluoranthene-d10       | 18.80 | 212 | 6450 | 0.21 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |          |       | Ovalue |    |
|----------------------------|-------|-----|----------|-------|--------|----|
| 8) Acenaphthene            | 14.07 | 153 | 2024     | 0.181 | ng/ul  | 95 |
| 11) Pentachlorophenol      | 16.43 | 266 | 108      | 0.120 | ng/ul  | 99 |
| 12) Phenanthrene           | 16.80 | 178 | 1661     | 0.070 | ng/ul# | 89 |
| 13) Anthracene             | 16.90 | 178 | 521      | 0.026 | ng/ul# | 57 |
| 15) Fluoranthene           | 18.83 | 202 | 3817     | 0.126 | ng/ul  | 82 |
| 17) Pyrene                 | 19.20 | 202 | 28391    | 0.979 | ng/ul# | 81 |
| 18) Benzo(a)anthracene     | 20.96 | 228 | 48782    | 1.762 | ng/ul# | 79 |
| 19) Chrysene               | 21.00 | 228 | 65783    | 2.063 | ng/ul# | 74 |
| 21) Benzo(b)fluoranthene   | 22.54 | 252 | 11092mly | 0.360 | ng/ul  |    |
| 22) Benzo(k)fluoranthene   | 22.58 | 252 | 1901m    | 0.055 | ng/ul  |    |
| 23) Benzo(a)pyrene         | 23.10 | 252 | 11793    | 0.414 | ng/ul# | 23 |
| 24) Indeno(1,2,3-cd)pyrene | 25.50 | 276 | 3470     | 0.094 | ng/ul# | 93 |
| 25) Dibenzo(a,h)anthracene | 25.51 | 278 | 7208     | 0.231 | ng/ul# | 22 |
| 26) Benzo(a,h,i)perylene   | 26.20 | 276 | 2907     | 0.092 | ng/ul# | 29 |

52 9/18/18

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