

# Quantitation Report (LSC Reviewed)

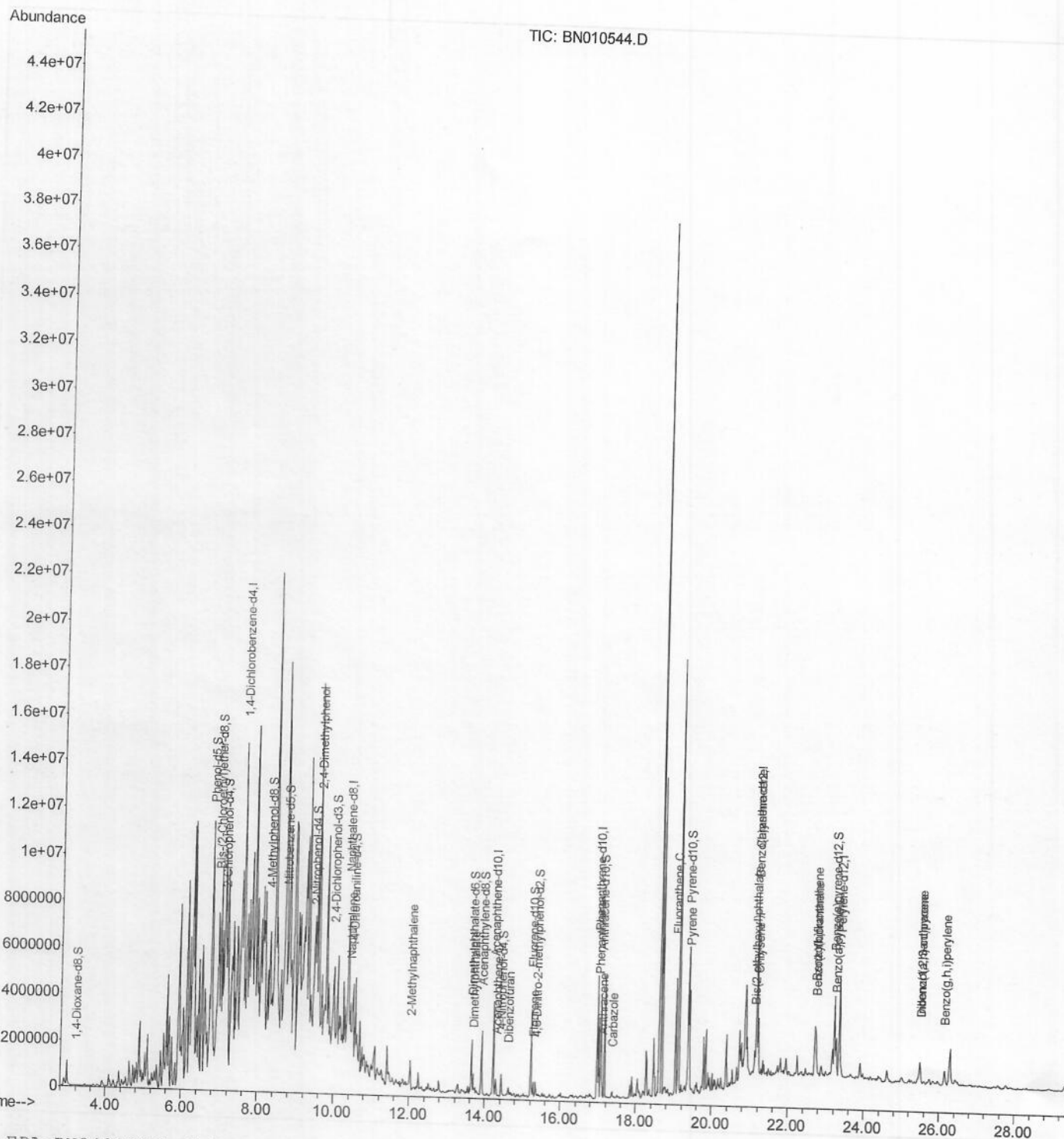
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN041620\  
 Data File : BN010544.D  
 Acq On : 17 Apr 2020 07:51  
 Operator : CG/JU  
 Sample : L2176-04  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 Client Sampled :  
 BG2J0

Manual Integrations  
 APPROVED

mohammad  
 4/17/2020 1:52:32 PM

Quant Time: Apr 17 08:41:18 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 16 10:21:51 2020  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

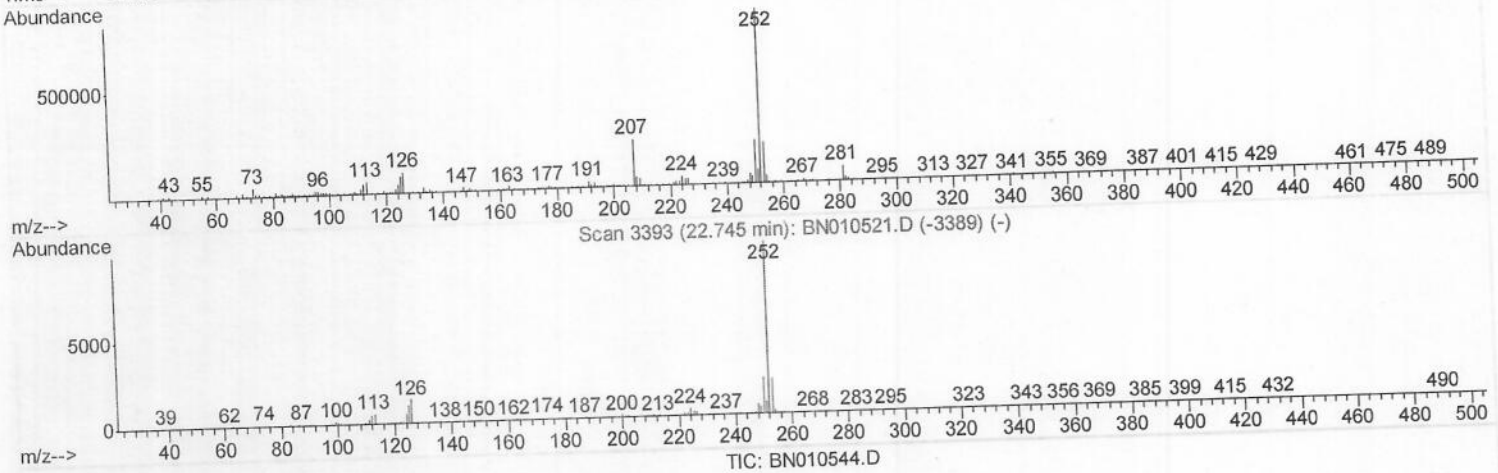
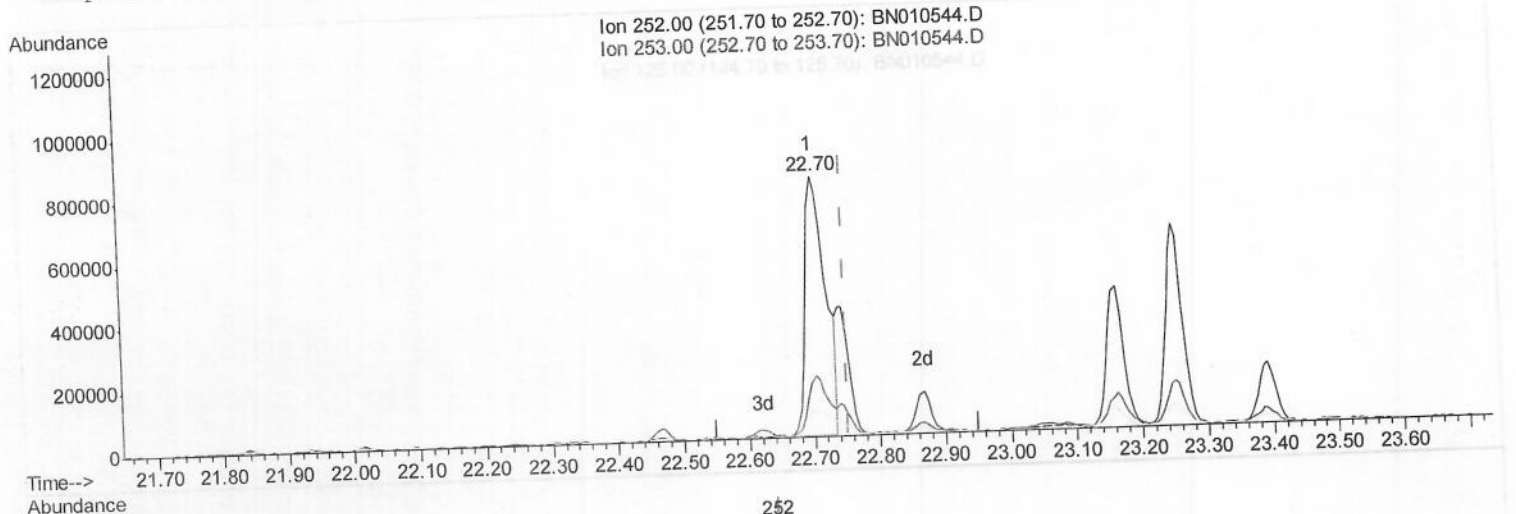
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(89) Benzo(k)fluoranthene  
 22.704min (-0.047) 9.80ng/ul  
 response 1785320

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.80 | 23.36 |
| 125.00 | 8.60  | 9.94  |
| 0.00   | 0.00  | 0.00  |

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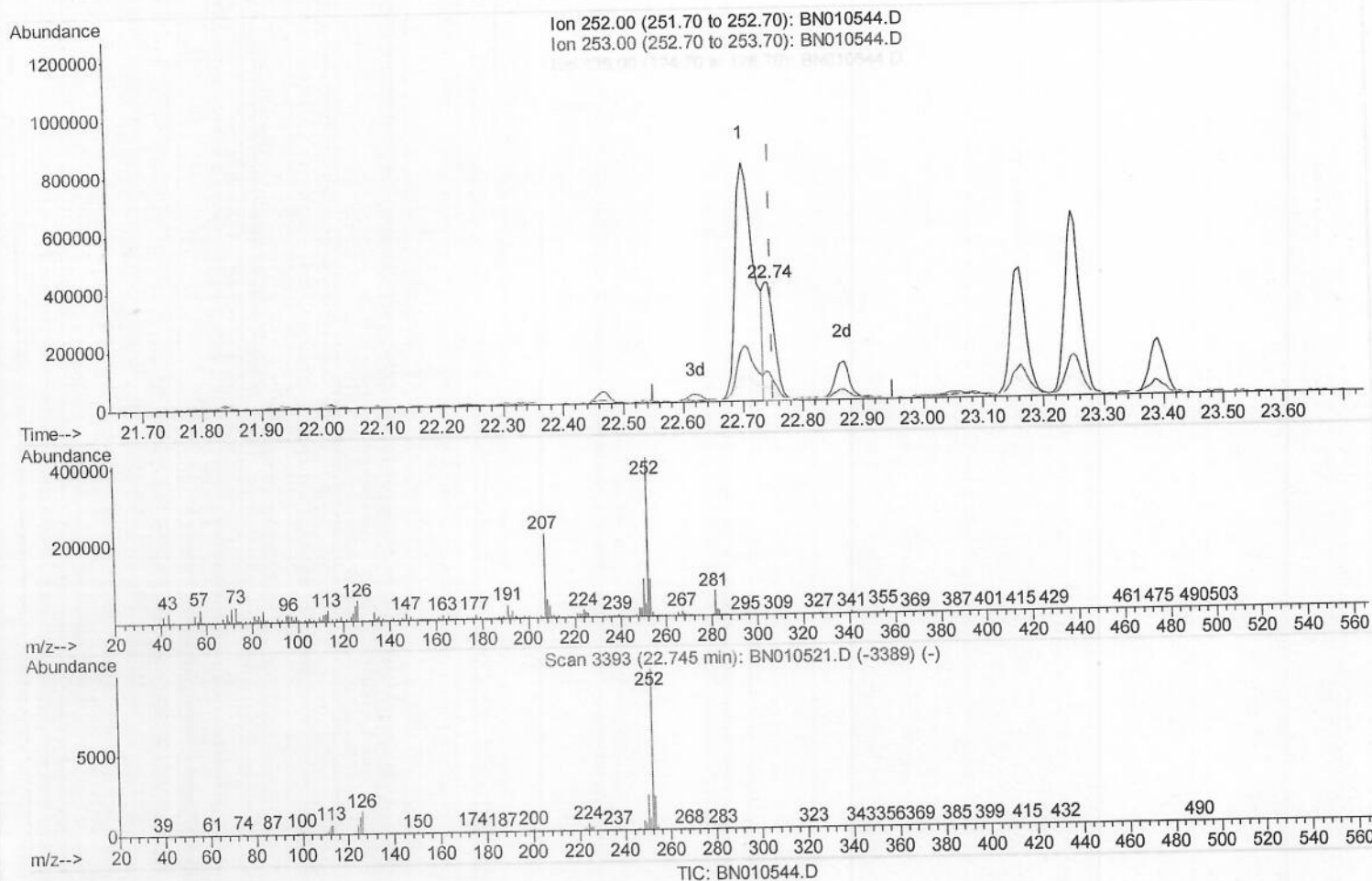
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(89) Benzo(k)fluoranthene

22.745min (-0.006) 2.75ng/ul m

response 500515

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.80 | 23.98 |
| 125.00 | 8.60  | 9.86  |
| 0.00   | 0.00  | 0.00  |

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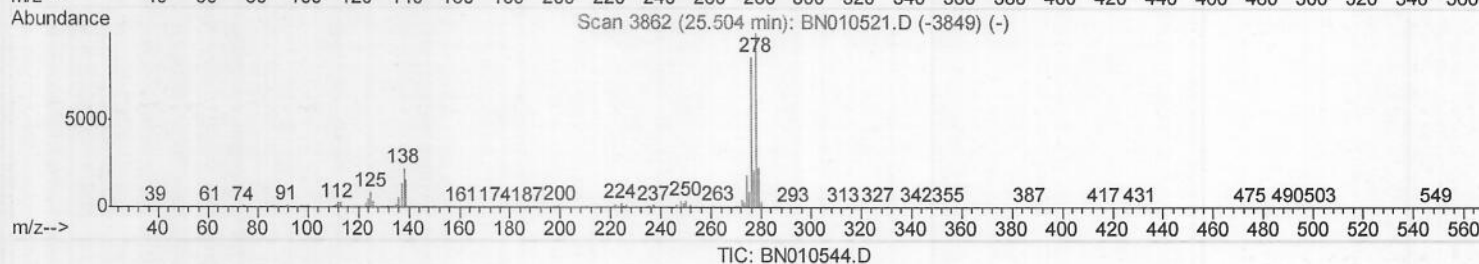
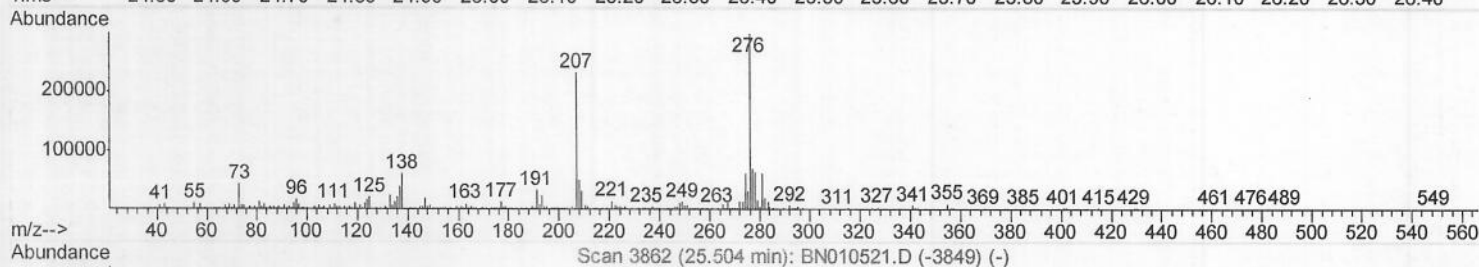
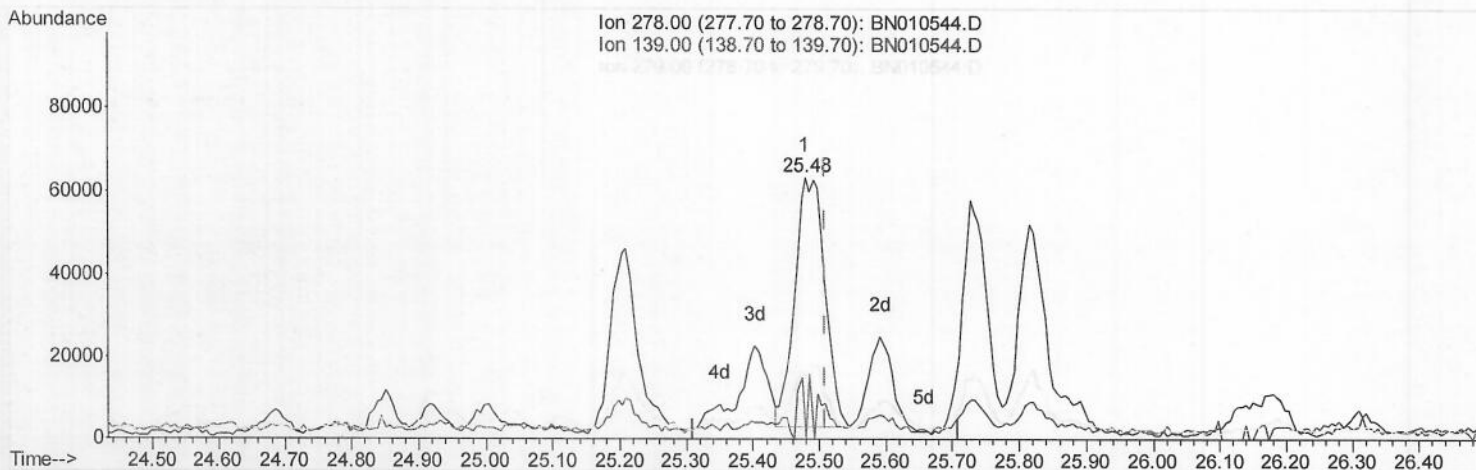
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(93) Dibenzo(a,h)anthracene

25.480min (-0.029) 1.24ng/ul m

response 190631

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 14.40 | 0.00# |
| 279.00 | 24.00 | 23.41 |
| 0.00   | 0.00  | 0.00  |

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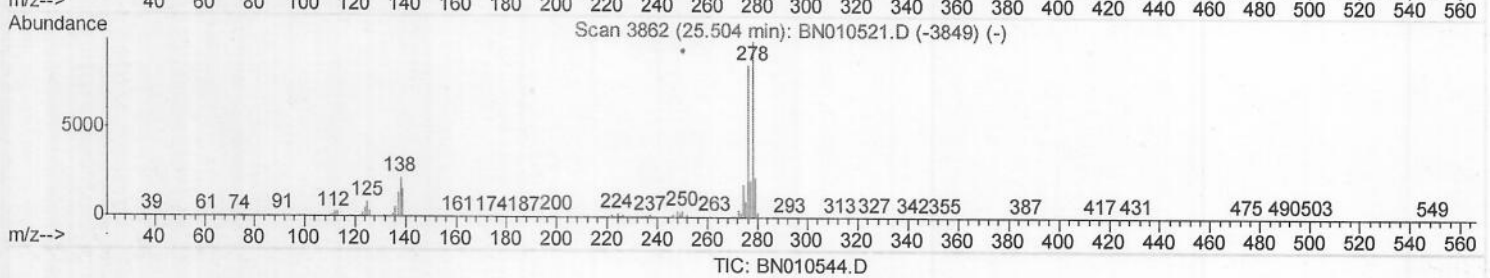
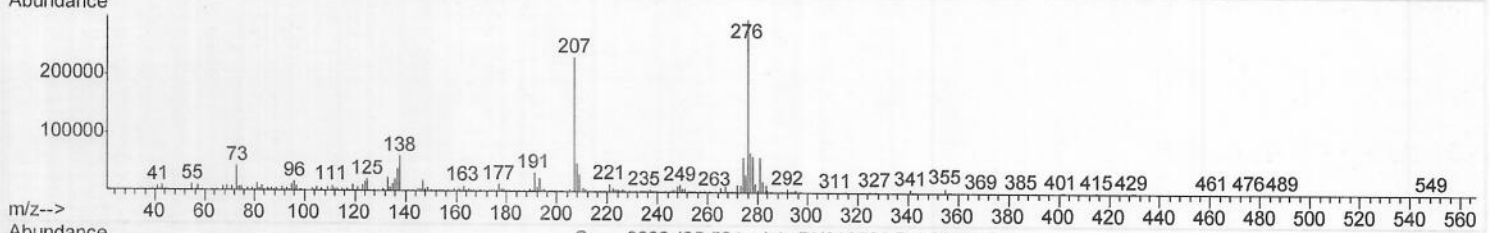
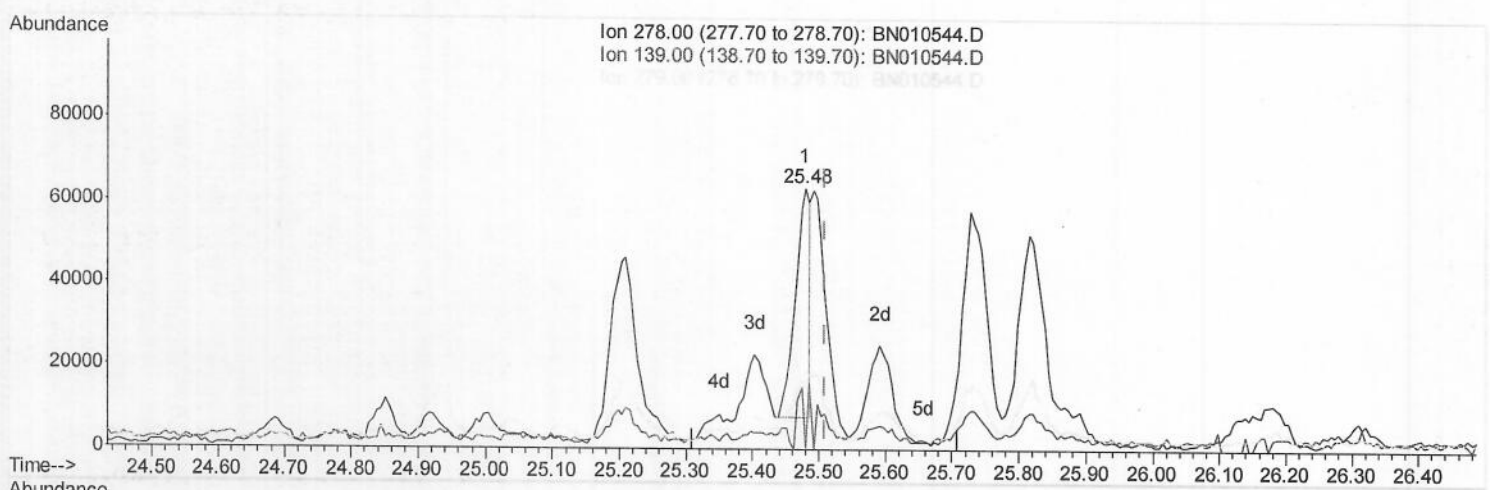
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(93) Dibenzo(a,h)anthracene

25.480min (-0.029) 0.56ng/ul

response 86563

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 278.00 | 100   | 100   |
| 139.00 | 14.40 | 0.00# |
| 279.00 | 24.00 | 23.41 |
| 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 | 7.60  | 152  | 444955   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 1914722  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.22 | 164  | 1322547  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.97 | 188  | 3097718  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.17 | 240  | 3161339  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.34 | 264  | 2814868  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 23031   | 2.71  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.78  | 99  | 488853  | 13.91 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67  | 599994  | 33.76 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.14  | 132 | 403591  | 13.48 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.30  | 113 | 327217  | 11.05 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 207351  | 14.05 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 226309  | 13.76 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 425197  | 13.19 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.49 | 131 | 918051  | 24.84 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.64 | 166 | 1513166 | 15.42 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.91 | 160 | 1826363 | 15.15 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.43 | 143 | 245279  | 12.84 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.22 | 176 | 1421608 | 16.14 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 144944  | 8.96  | ng/ul | -0.01 |
| 71) Anthracene-d10             | 17.07 | 188 | 2315316 | 16.14 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.37 | 212 | 2718826 | 15.24 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.21 | 264 | 2417973 | 16.56 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |         | Ovalue |           |
|--------------------------------|-------|-----|---------|--------|-----------|
| 24) 2,4-Dimethylphenol         | 9.59  | 107 | 520329  | 14.838 | ng/ul# 59 |
| 28) Naphthalene                | 10.41 | 128 | 356719  | 3.467  | ng/ul# 82 |
| 34) 2-Methylnaphthalene        | 12.02 | 142 | 505286  | 6.948  | ng/ul 100 |
| 45) Dimethylphthalate          | 13.69 | 163 | 574475  | 5.639  | ng/ul 99  |
| 50) Acenaphthene               | 14.29 | 153 | 275205  | 3.161  | ng/ul 97  |
| 54) Dibenzofuran               | 14.62 | 168 | 182692  | 1.499  | ng/ul 100 |
| 59) Fluorene                   | 15.27 | 166 | 253682  | 2.539  | ng/ul 99  |
| 70) Phenanthrene               | 17.01 | 178 | 1997011 | 11.609 | ng/ul 98  |
| 72) Anthracene                 | 17.10 | 178 | 478187  | 2.742  | ng/ul 97  |
| 75) Carbazole                  | 17.37 | 167 | 148859  | 1.039  | ng/ul 98  |
| 77) Fluoranthene               | 19.03 | 202 | 2984862 | 15.970 | ng/ul 99  |
| 80) Pyrene                     | 19.40 | 202 | 2654260 | 11.620 | ng/ul 98  |
| 83) Benzo(a)anthracene         | 21.16 | 228 | 1341791 | 6.118  | ng/ul 99  |
| 84) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 361691  | 2.542  | ng/ul 97  |
| 85) Chrysene                   | 21.21 | 228 | 1365910 | 6.624  | ng/ul 99  |
| 88) Benzo(b)fluoranthene       | 22.70 | 252 | 1785320 | 9.720  | ng/ul 96  |
| 89) Benzo(k)fluoranthene       | 22.74 | 252 | 500515m | 2.746  | ng/ul     |
| 91) Benzo(a)pyrene             | 23.25 | 252 | 1110186 | 6.803  | ng/ul 99  |
| 92) Indeno(1,2,3-cd)pyrene     | 25.48 | 276 | 761770  | 4.147  | ng/ul 96  |
| 93) Dibenzo(a,h)anthracene     | 25.48 | 278 | 190631m | 1.236  | ng/ul     |
| 94) Benzo(a,h,i)perylene       | 26.14 | 276 | 707445  | 4.654  | ng/ul 97  |

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|--------------------|------|------|----------|------|-------|----------|
| -----              |      |      |          |      |       |          |
| -----              |      |      |          |      |       |          |

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