

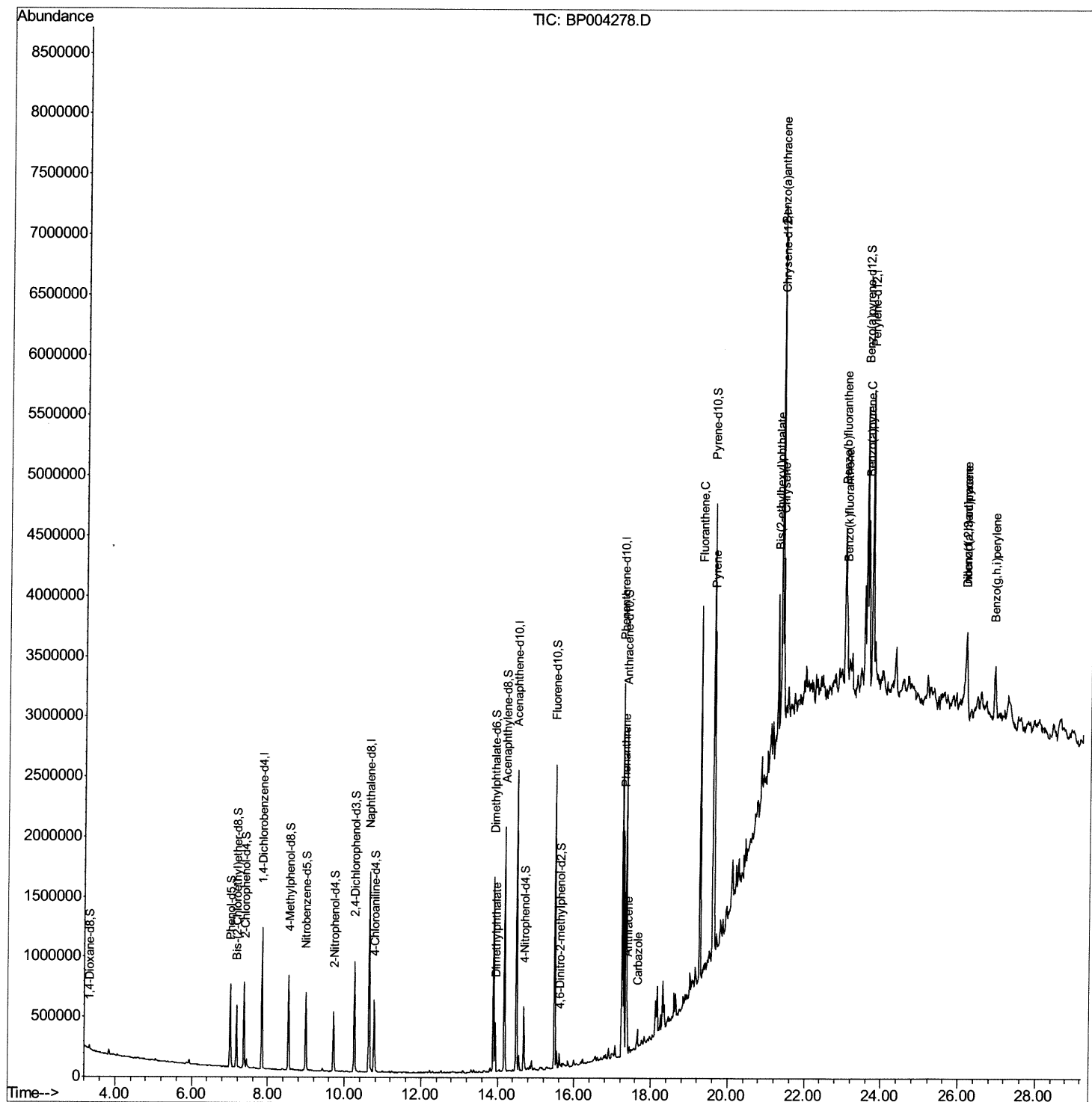
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\  
Data File : BP004278.D  
Acq On : 14 Dec 2020 17:28  
Operator : CG/JU  
Sample : L5000-06  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
A54A4

Manual Integrations  
APPROVED

mohammad  
12/17/2020 9:51:44 AM

Quant Time: Dec 15 00:35:46 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Dec 10 13:52:32 2020  
Response via : Initial Calibration



## Quantitation Report (Qedit)

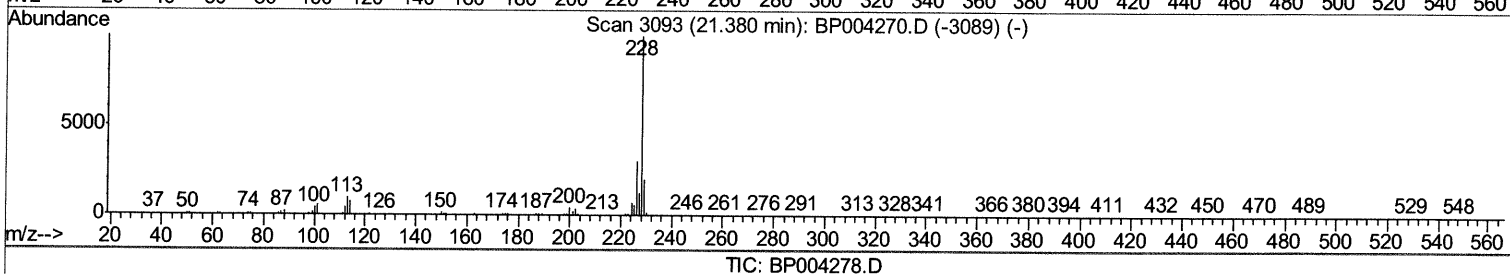
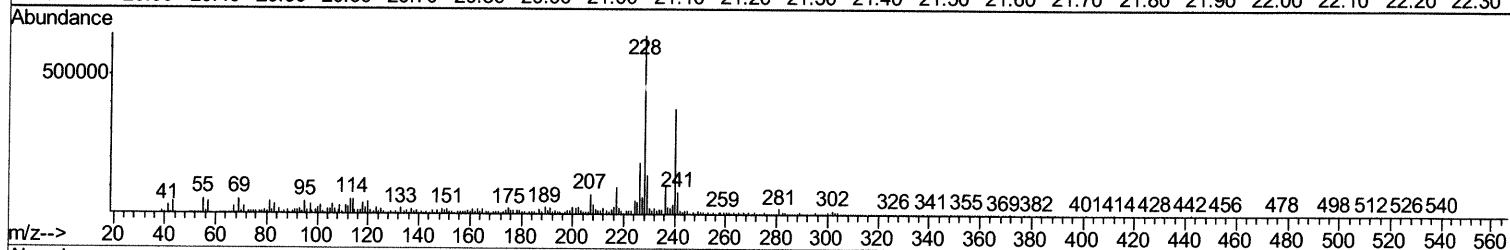
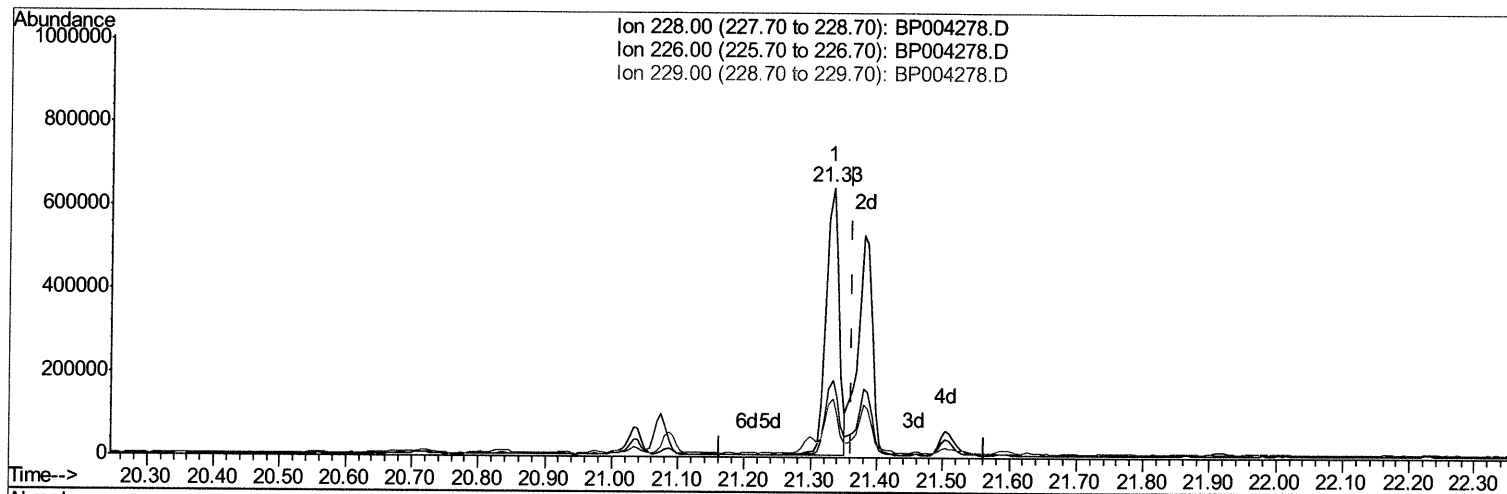
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ClientSampled :  
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12/17/2020 9:51:44 AM

Quant Time: Dec 15 00:01:01 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP121020MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Dec 10 13:52:32 2020  
Response via : Initial Calibration



(85) Chrysene

21.333min (-0.030) 7.61ng/ul

response 877695

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 30.20 | 28.80 |
| 229.00 | 19.80 | 21.82 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

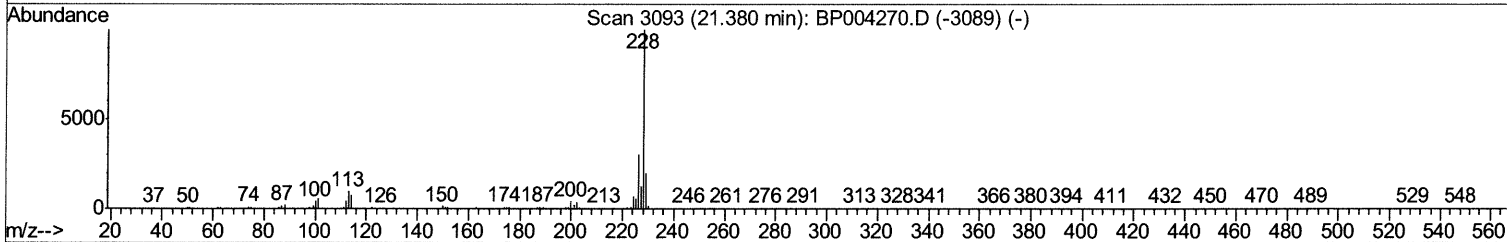
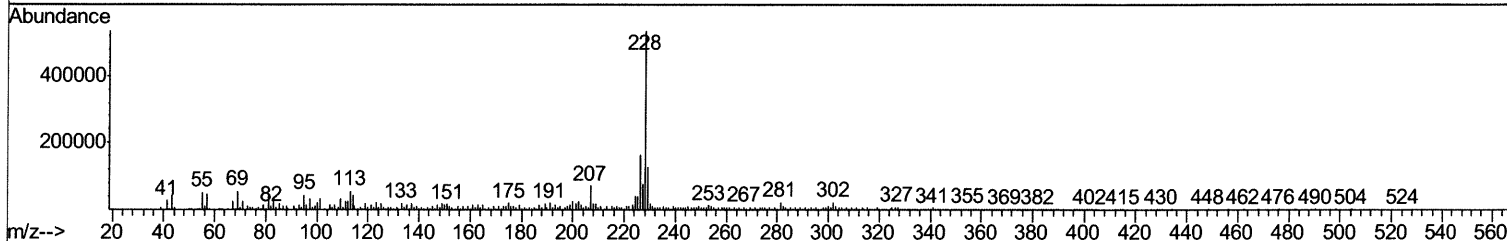
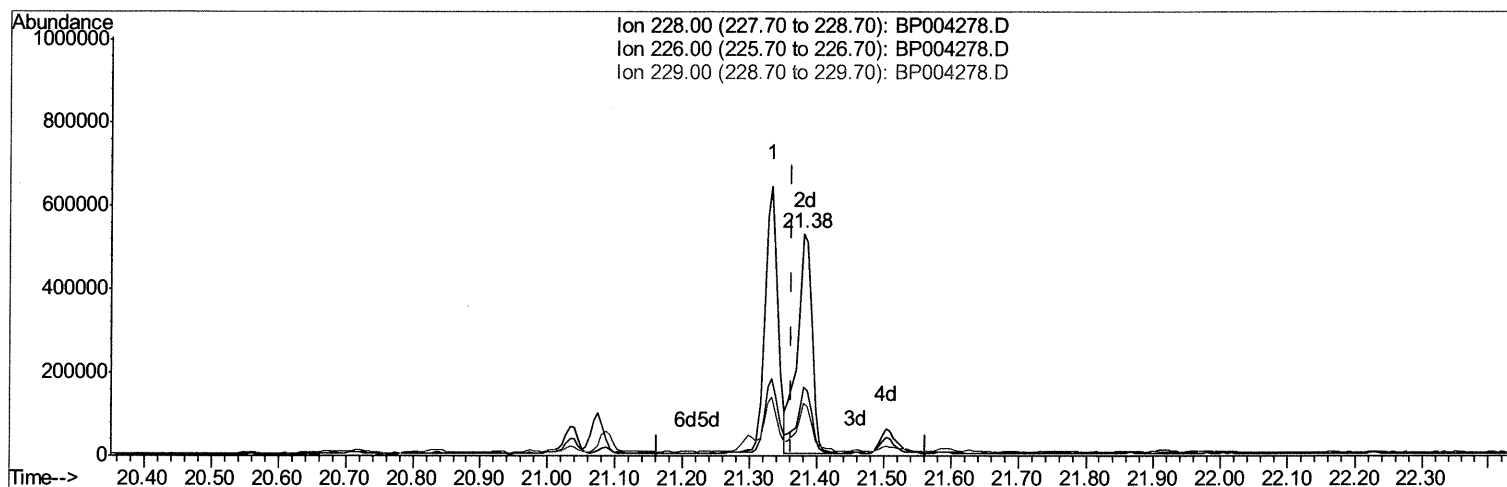
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Manual Integrations  
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mohammad  
 12/17/2020 9:51:44 AM

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TIC: BP004278.D

(85) Chrysene

21.380min (+0.018) 7.07ng/ul m 12/12/20

response 815729

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 30.20 | 30.88  |
| 229.00 | 19.80 | 23.93# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

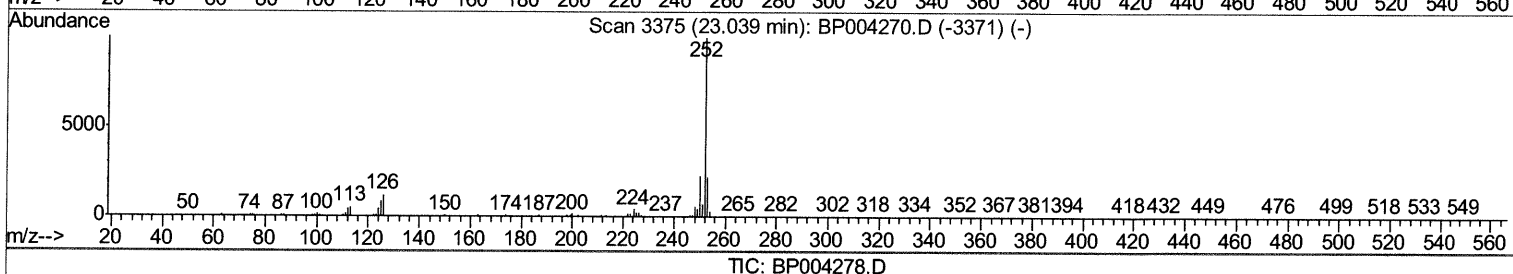
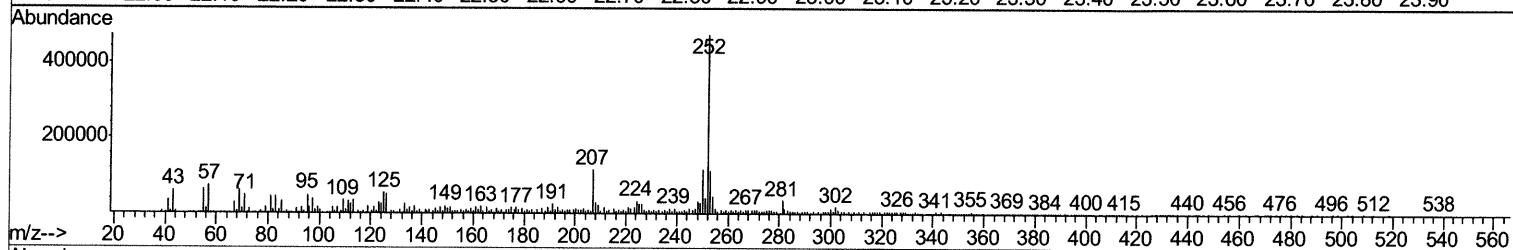
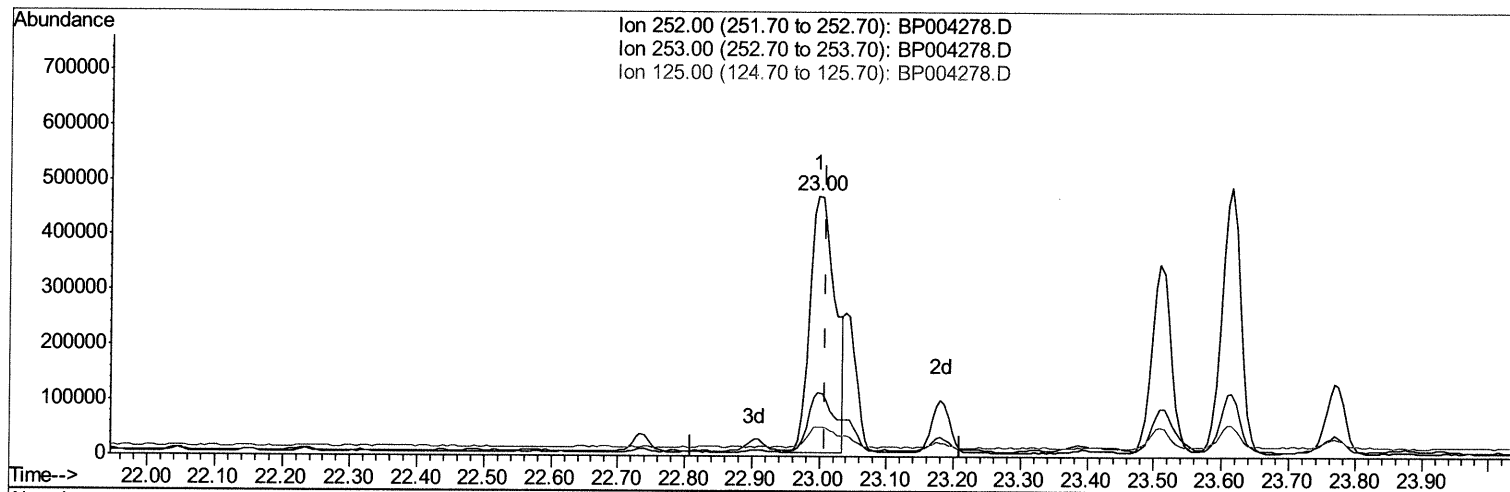
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\  
Data File : BP004278.D  
Acq On : 14 Dec 2020 17:28  
Operator : CG/JU  
Sample : L5000-06  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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(89) Benzo(k)fluoranthene

22.998min (-0.012) 9.28ng/ul

response 1213561

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.80 | 24.27  |
| 125.00 | 9.10  | 11.35# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

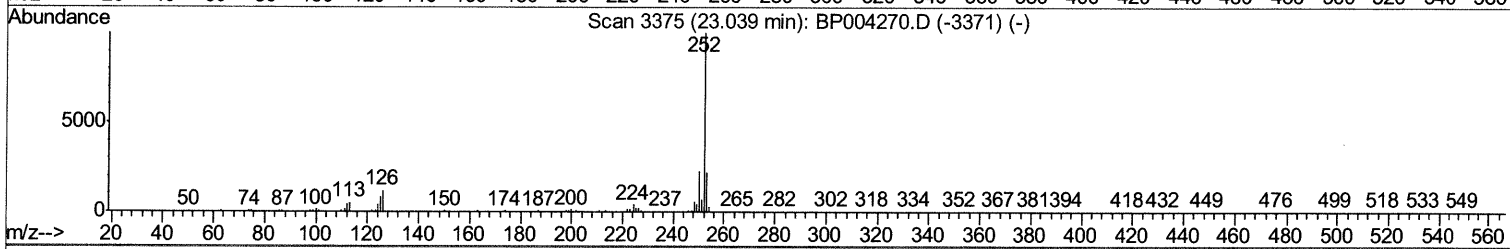
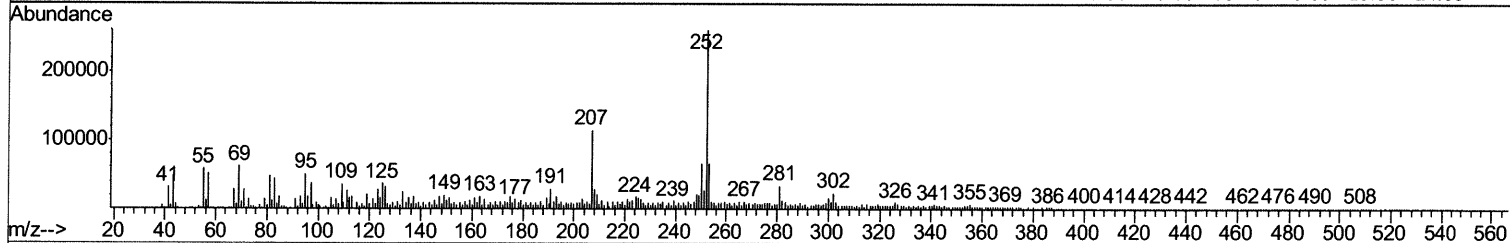
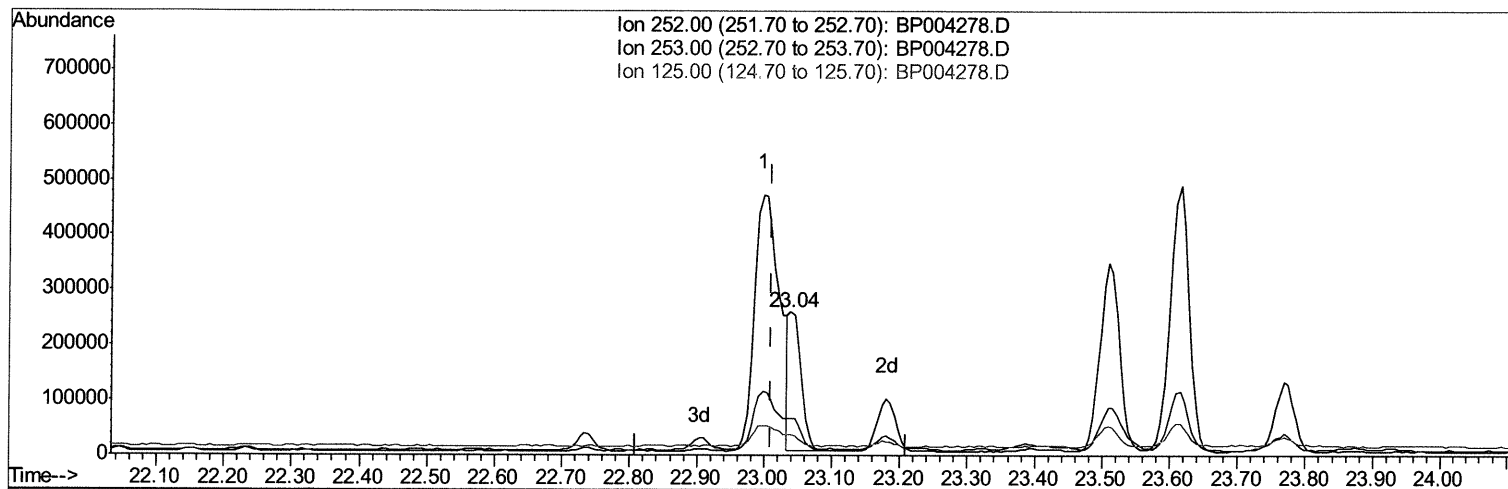
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Manual Integrations  
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Response via : Initial Calibration



TIC: BP004278.D

(89) Benzo(k)fluoranthene

23.039min (+0.029) 2.38ng/ul m 12/2/2024

response 311445

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.80 | 25.30  |
| 125.00 | 9.10  | 14.35# |
| 0.00   | 0.00  | 0.00   |

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 Operator : CG/JU  
 Sample : L5000-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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 Client Sampled :  
 A54A4

Manual Integrations  
 APPROVED

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 12/17/2020 9:51:44 AM

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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.84  | 152  | 335853   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.64 | 136  | 1423196  | 20.00 | ng/ul | 0.01     |
| 36) Acenaphthene-d10      | 14.49 | 164  | 899321   | 20.00 | ng/ul | 0.01     |
| 62) Phenanthrene-d10      | 17.25 | 188  | 1903170  | 20.00 | ng/ul | 0.02     |
| 78) Chrysene-d12          | 21.34 | 240  | 1783682  | 20.00 | ng/ul | 0.02     |
| 86) Perylene-d12          | 23.72 | 264  | 2007659  | 20.00 | ng/ul | 0.04     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.33  | 96  | 19318   | 2.02  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.00  | 99  | 419107  | 15.08 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.17  | 67  | 226678  | 13.07 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.38  | 132 | 345228  | 16.37 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.55  | 113 | 322234  | 15.35 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 8.99  | 128 | 174413  | 14.96 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.72  | 143 | 184833  | 19.23 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.26 | 165 | 371050  | 17.55 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4         | 10.77 | 131 | 346131  | 13.21 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 13.89 | 166 | 1103406 | 16.05 | ng/ul | 0.01 |
| 47) Acenaphthylene-d8          | 14.18 | 160 | 1474390 | 16.81 | ng/ul | 0.02 |
| 52) 4-Nitrophenol-d4           | 14.69 | 143 | 136624  | 11.77 | ng/ul | 0.03 |
| 58) Fluorene-d10               | 15.49 | 176 | 993432  | 15.96 | ng/ul | 0.02 |
| 63) 4,6-Dinitro-2-methylphenol | 15.62 | 200 | 28832   | 3.16  | ng/ul | 0.04 |
| 71) Anthracene-d10             | 17.35 | 188 | 1574468 | 16.97 | ng/ul | 0.02 |
| 79) Pyrene-d10                 | 19.59 | 212 | 1723190 | 18.54 | ng/ul | 0.02 |
| 90) Benzo(a)pyrene-d12         | 23.56 | 264 | 1869256 | 17.67 | ng/ul | 0.04 |

## Target Compounds

|                                |       |     |          |        |        | Ovalue      |
|--------------------------------|-------|-----|----------|--------|--------|-------------|
| 45) Dimethylphthalate          | 13.94 | 163 | 268700   | 3.838  | ng/ul  | 100         |
| 70) Phenanthrene               | 17.29 | 178 | 1167265  | 10.396 | ng/ul  | 99          |
| 72) Anthracene                 | 17.39 | 178 | 290503   | 2.615  | ng/ul  | 100         |
| 75) Carbazole                  | 17.65 | 167 | 100808   | 1.115  | ng/ul  | 98          |
| 77) Fluoranthene               | 19.27 | 202 | 1840285  | 15.350 | ng/ul  | 96          |
| 80) Pyrene                     | 19.62 | 202 | 1656394  | 13.767 | ng/ul  | 95          |
| 83) Benzo(a)anthracene         | 21.33 | 228 | 874240   | 7.436  | ng/ul  | 96          |
| 84) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 416511   | 7.745  | ng/ul# | 96          |
| 85) Chrysene                   | 21.38 | 228 | 815729m> | 7.072  | ng/ul> | 12/21/20 Ju |
| 88) Benzo(b)fluoranthene       | 23.00 | 252 | 1213561  | 9.532  | ng/ul  | 95          |
| 89) Benzo(k)fluoranthene       | 23.04 | 252 | 311445m> | 2.382  | ng/ul> | 12/21/20 Ju |
| 91) Benzo(a)pyrene             | 23.62 | 252 | 941221   | 7.922  | ng/ul# | 95          |
| 92) Indeno(1,2,3-cd)pyrene     | 26.16 | 276 | 700865   | 4.704  | ng/ul  | 94          |
| 93) Dibenzo(a,h)anthracene     | 26.16 | 278 | 181760   | 1.456  | ng/ul# | 71          |
| 94) Benzo(g,h,i)perylene       | 26.90 | 276 | 616917   | 4.935  | ng/ul  | 93          |

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