

## Quantitation Report (QT Reviewed)

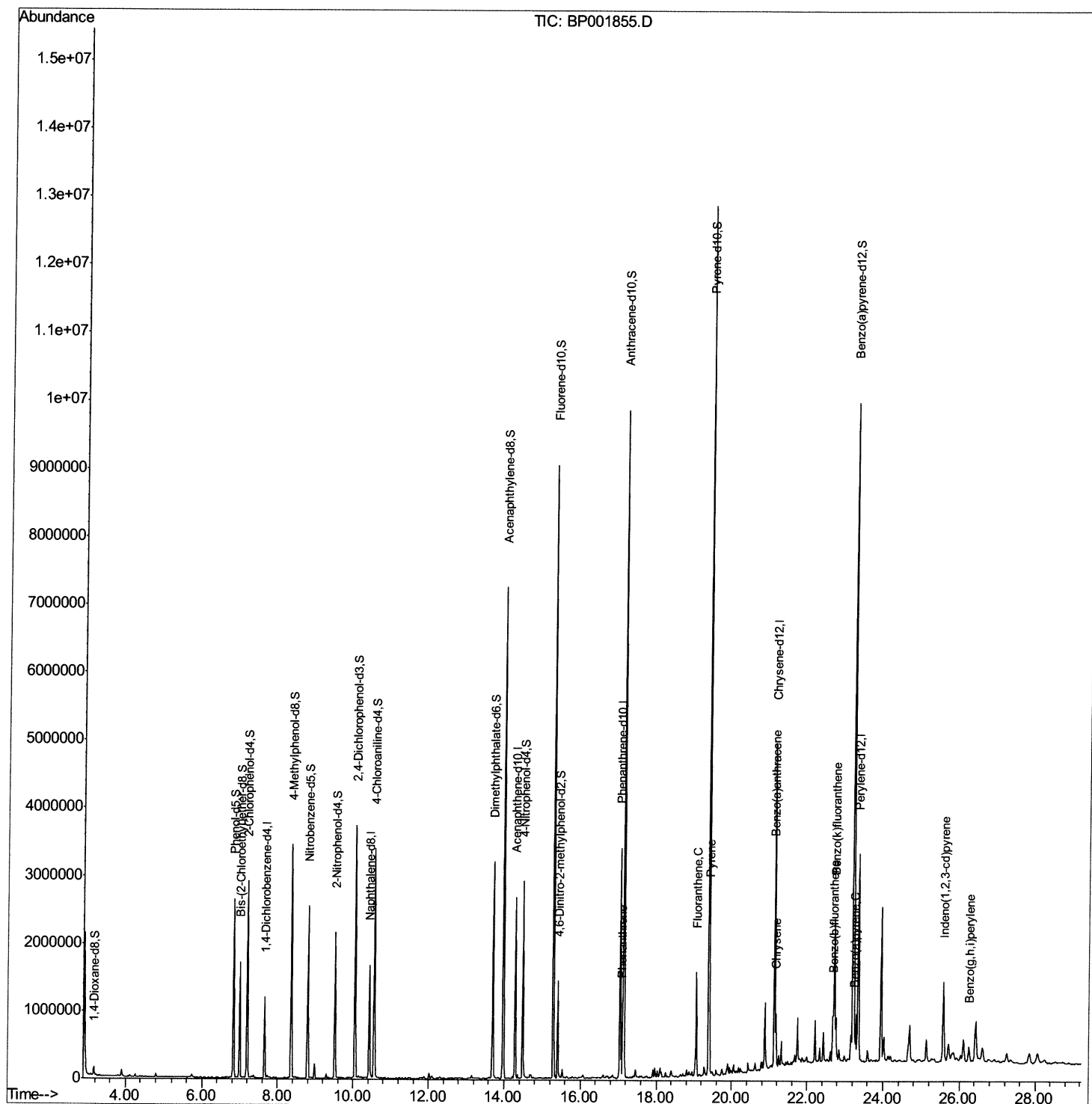
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\  
Data File : BP001855.D  
Acq On : 24 Feb 2020 12:07  
Operator : CG/JU  
Sample : L1536-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
OK-03-021020

Manual Integrations  
APPROVED

mohammad  
2/28/2020 8:49:02 AM

Quant Time: Feb 24 16:16:49 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Feb 24 01:10:13 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

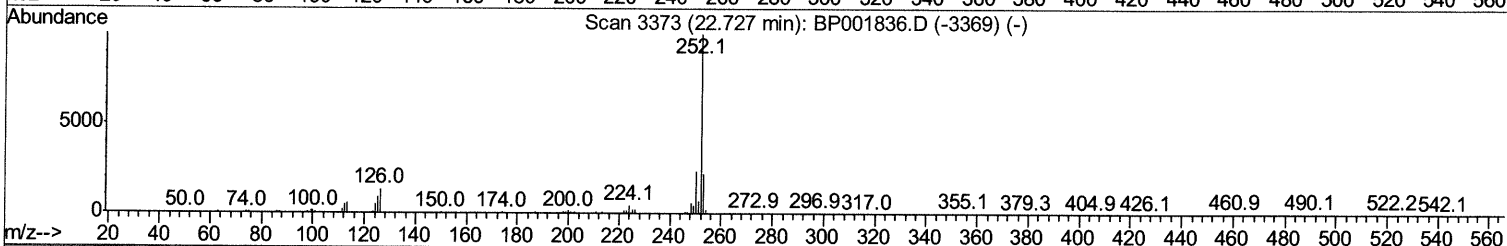
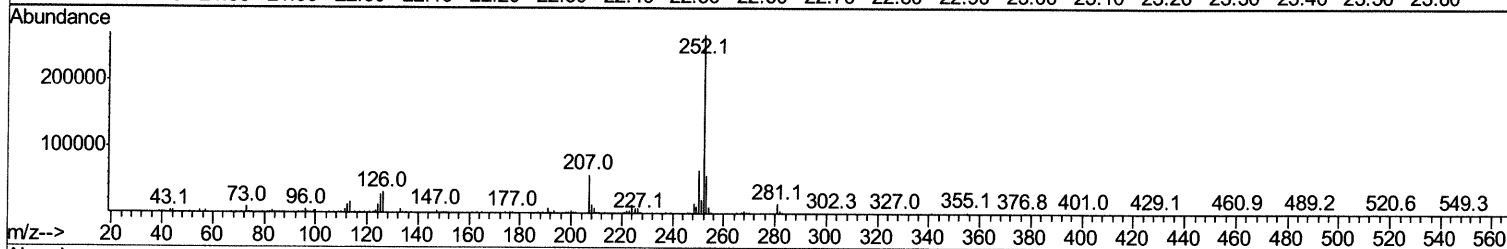
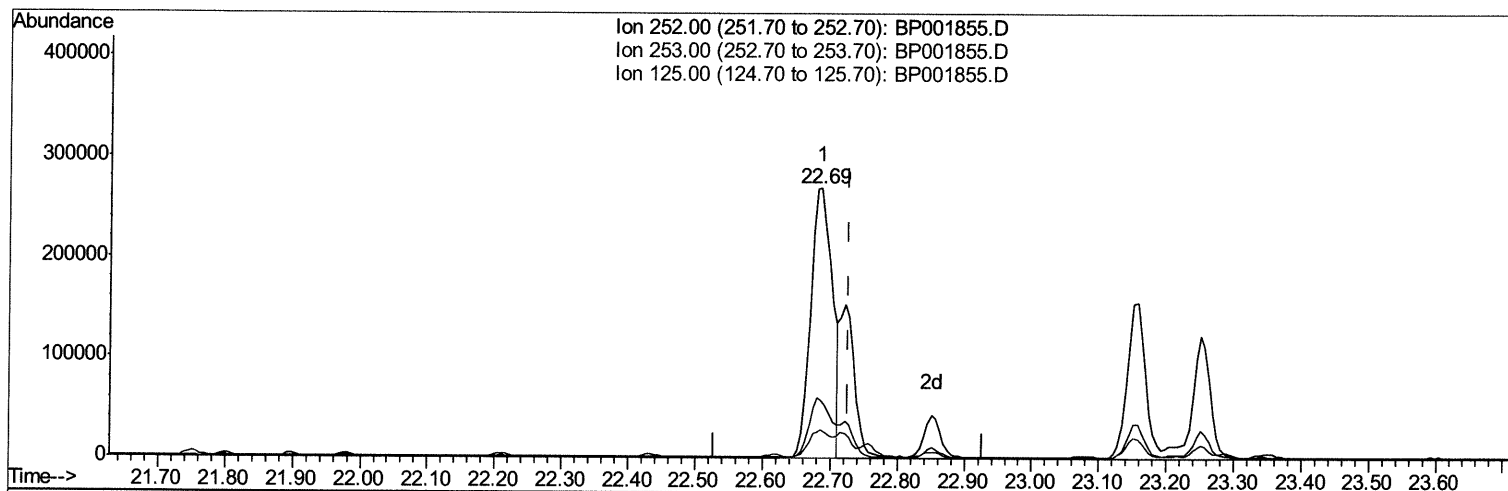
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 2/28/2020 8:49:02 AM

Quant Time: Feb 24 15:35:06 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
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 Response via : Initial Calibration



TIC: BP001855.D

(89) Benzo(k)fluoranthene

22.686min (-0.041) 4.36ng/ul

response 604856

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.20 | 21.54 |
| 125.00 | 10.00 | 10.59 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

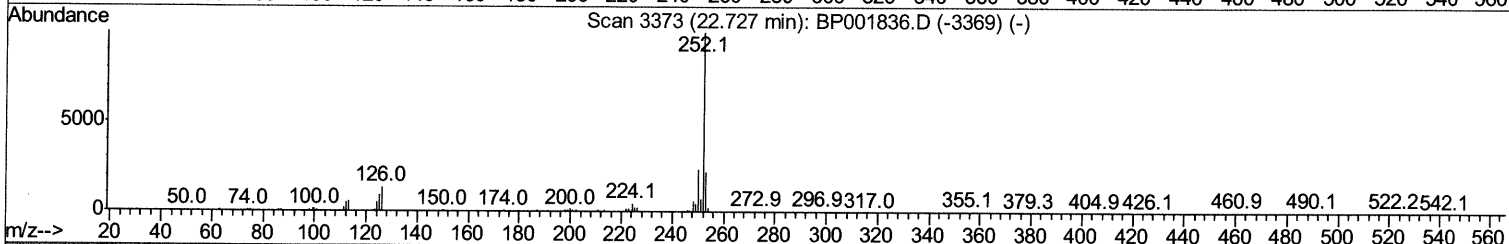
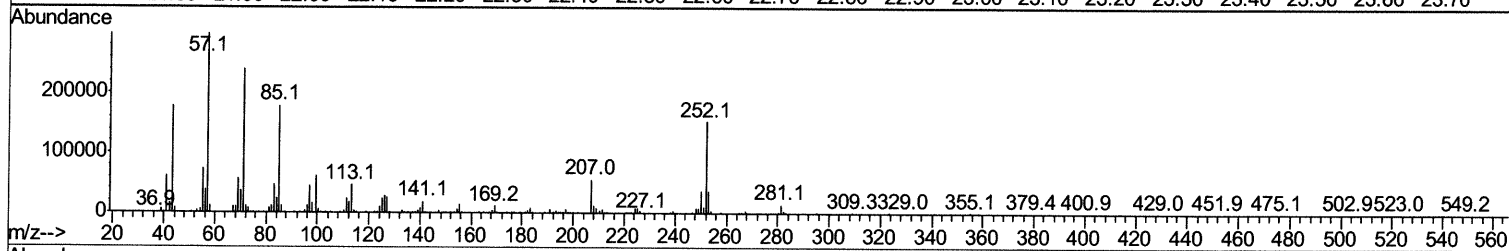
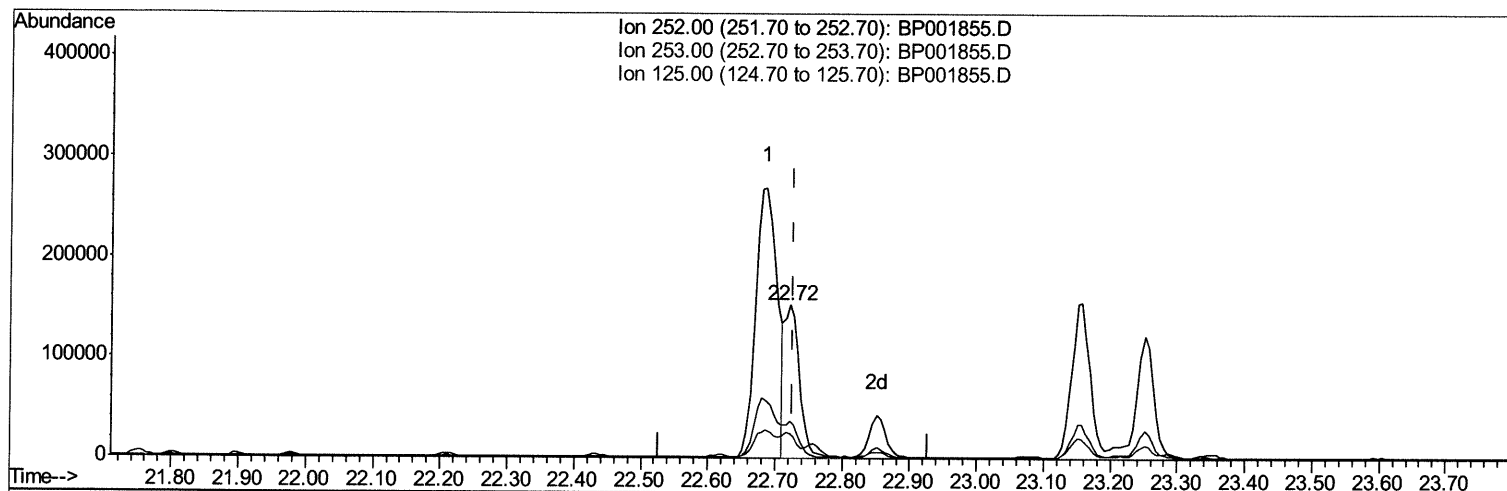
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\  
Data File : BP001855.D  
Acq On : 24 Feb 2020 12:07  
Operator : CG/JU  
Sample : L1536-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
OK-03-021020

Manual Integrations  
APPROVED

mohammad  
2/28/2020 8:49:02 AM

Quant Time: Feb 24 15:35:06 2020  
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Quant Title : SVOA CALIBRATION  
QLast Update : Mon Feb 24 01:10:13 2020  
Response via : Initial Calibration



TIC: BP001855.D

(89) Benzo(k)fluoranthene

22.722min (-0.006) 1.68ng/ul m *Jun 27/20*

response 233221

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.20 | 24.38  |
| 125.00 | 10.00 | 15.80# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022420\  
 Data File : BP001855.D  
 Acq On : 24 Feb 2020 12:07  
 Operator : CG/JU  
 Sample : L1536-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OK-03-021020

Manual Integrations  
 APPROVED

mohammad  
 2/28/2020 8:49:02 AM

Quant Time: Feb 24 16:16:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP021820MA.M  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 338823   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 1445729  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.29 | 164  | 933330   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 2082943  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.13 | 240  | 2082962  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.35 | 264  | 2275562  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.18  | 96  | 80098   | 9.82  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.83  | 99  | 1630881 | 63.70 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67  | 707138  | 47.54 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.19  | 132 | 1423935 | 68.82 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 1341628 | 66.07 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 708076  | 72.35 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.52  | 143 | 804909  | 90.94 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 1473728 | 70.02 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 1926562 | 77.39 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.70 | 166 | 2280292 | 34.82 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.98 | 160 | 5349368 | 66.33 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.49 | 143 | 821392  | 72.02 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.29 | 176 | 3843136 | 65.25 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 341352  | 41.57 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.14 | 188 | 5703747 | 62.16 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.39 | 212 | 6604510 | 61.79 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.22 | 264 | 7653038 | 69.64 | ng/ul | 0.01 |

## Target Compounds

|                            |       |     |         |             | Ovalue |
|----------------------------|-------|-----|---------|-------------|--------|
| 70) Phenanthrene           | 17.08 | 178 | 514223  | 4.477 ng/ul | 99     |
| 77) Fluoranthene           | 19.06 | 202 | 920579  | 7.484 ng/ul | 98     |
| 80) Pyrene                 | 19.41 | 202 | 734423  | 5.184 ng/ul | 99     |
| 83) Benzo(a)anthracene     | 21.12 | 228 | 457663  | 3.336 ng/ul | 99     |
| 85) Chrysene               | 21.17 | 228 | 446040  | 3.329 ng/ul | 98     |
| 88) Benzo(b)fluoranthene   | 22.69 | 252 | 604856  | 4.517 ng/ul | 98     |
| 89) Benzo(k)fluoranthene   | 22.72 | 252 | 233221m | 1.680 ng/ul | 99     |
| 91) Benzo(a)pyrene         | 23.25 | 252 | 229697  | 1.830 ng/ul | 99     |
| 92) Indeno(1,2,3-cd)pyrene | 25.57 | 276 | 275927  | 1.760 ng/ul | 96     |
| 94) Benzo(g,h,i)perylene   | 26.25 | 276 | 226871  | 1.703 ng/ul | 99     |

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