

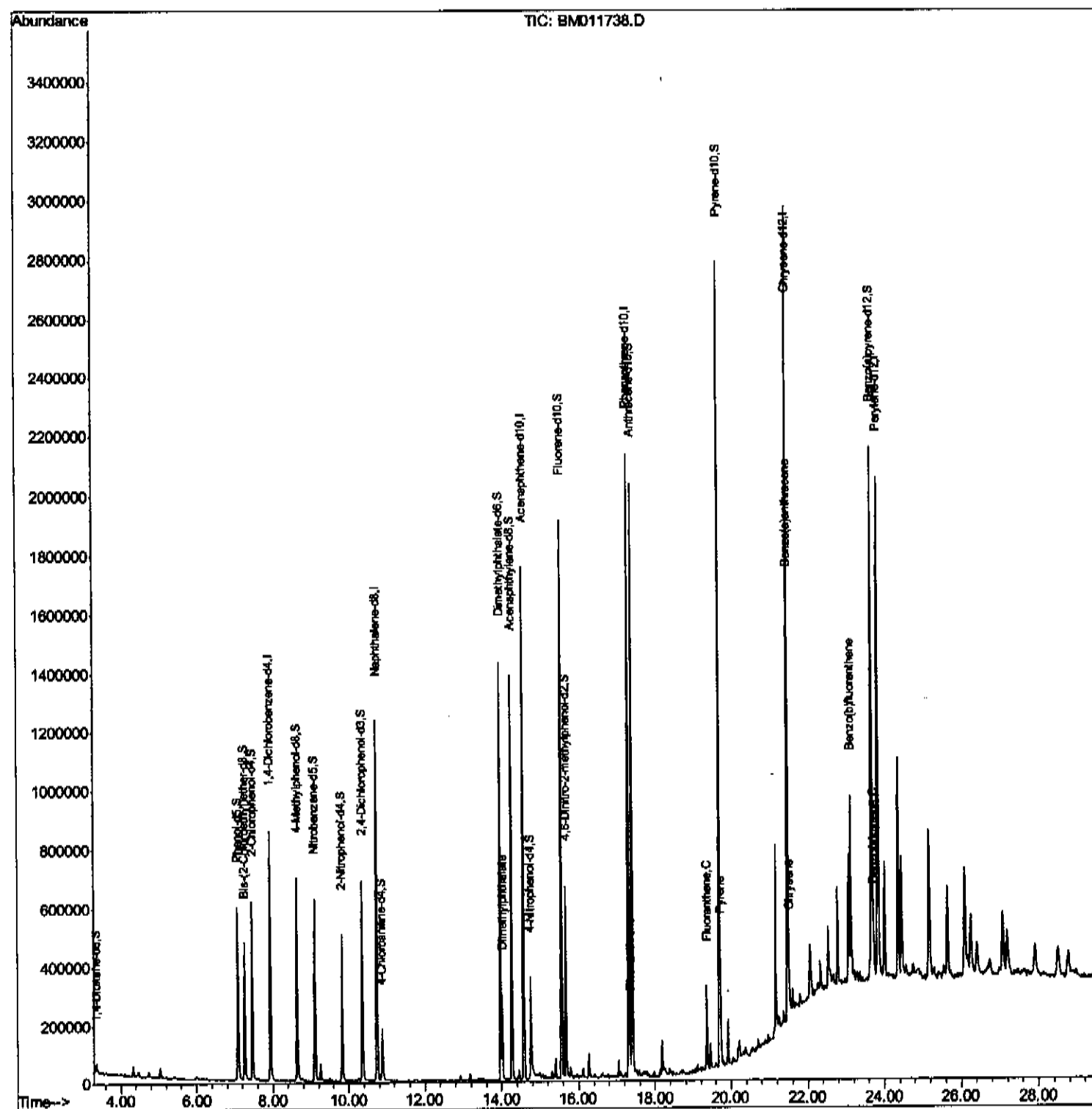
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\  
Data File : BM011738.D  
Acq On : 28 Sep 2017 00:09  
Operator : SJ/JU  
Sample : I5377-04  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
CB3D8

Manual Integrations  
APPROVED

Sohil  
9/29/2017 2:22:53 PM

Quant Time: Sep 28 04:48:41 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 28 04:06:20 2017  
Response via : Initial Calibration



# Quantitation Report (Qedit)

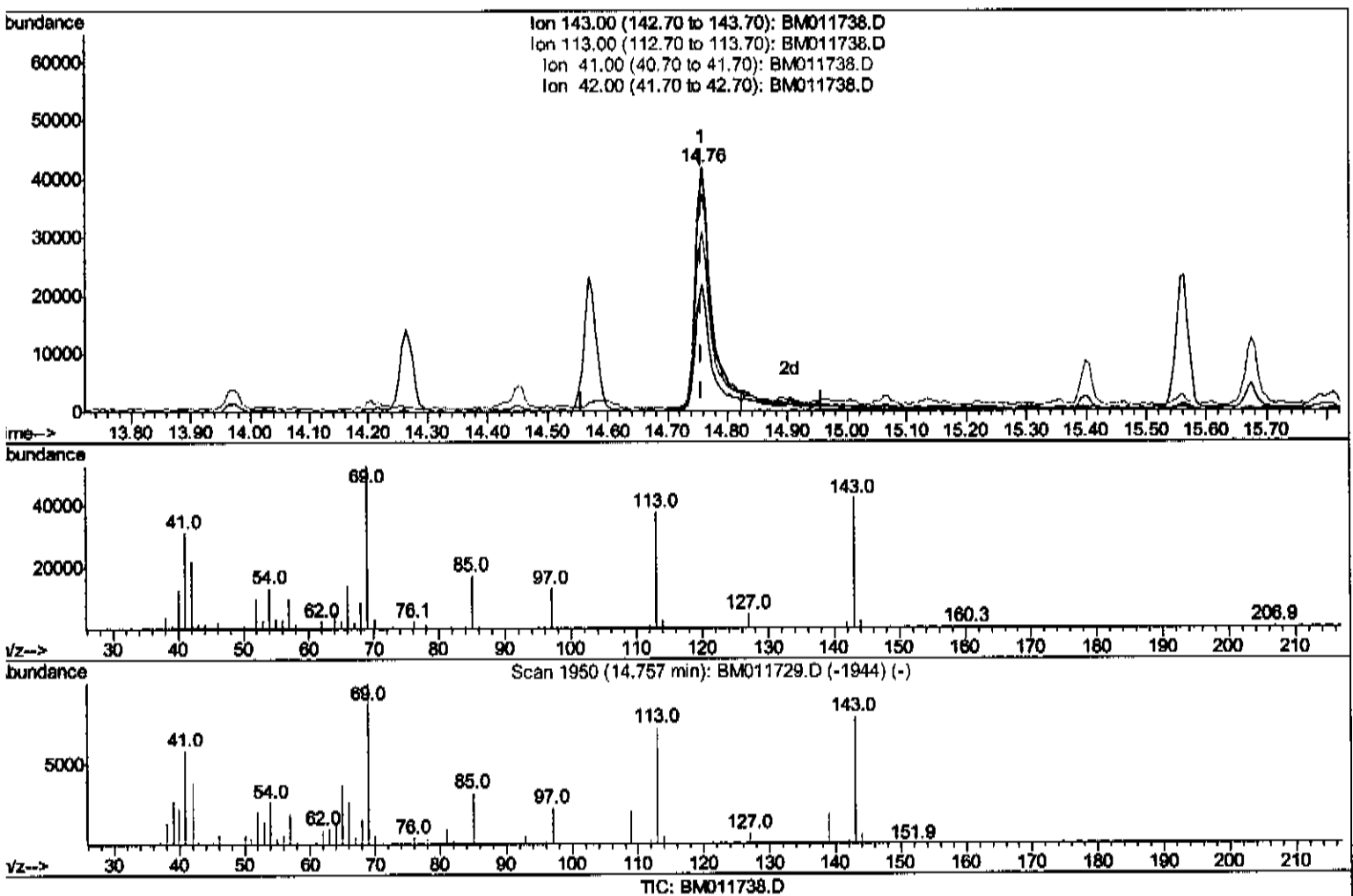
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Quant Time: Sep 28 04:08:24 2017  
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 QLast Update : Thu Sep 28 04:06:20 2017  
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(51) 4-Nitrophenol-d4 (S)

14.757min (+0.000) 10.08ng/ul

response 79110

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.60 | 89.47# |
| 41.00  | 34.80  | 74.20# |
| 42.00  | 20.50  | 52.12# |

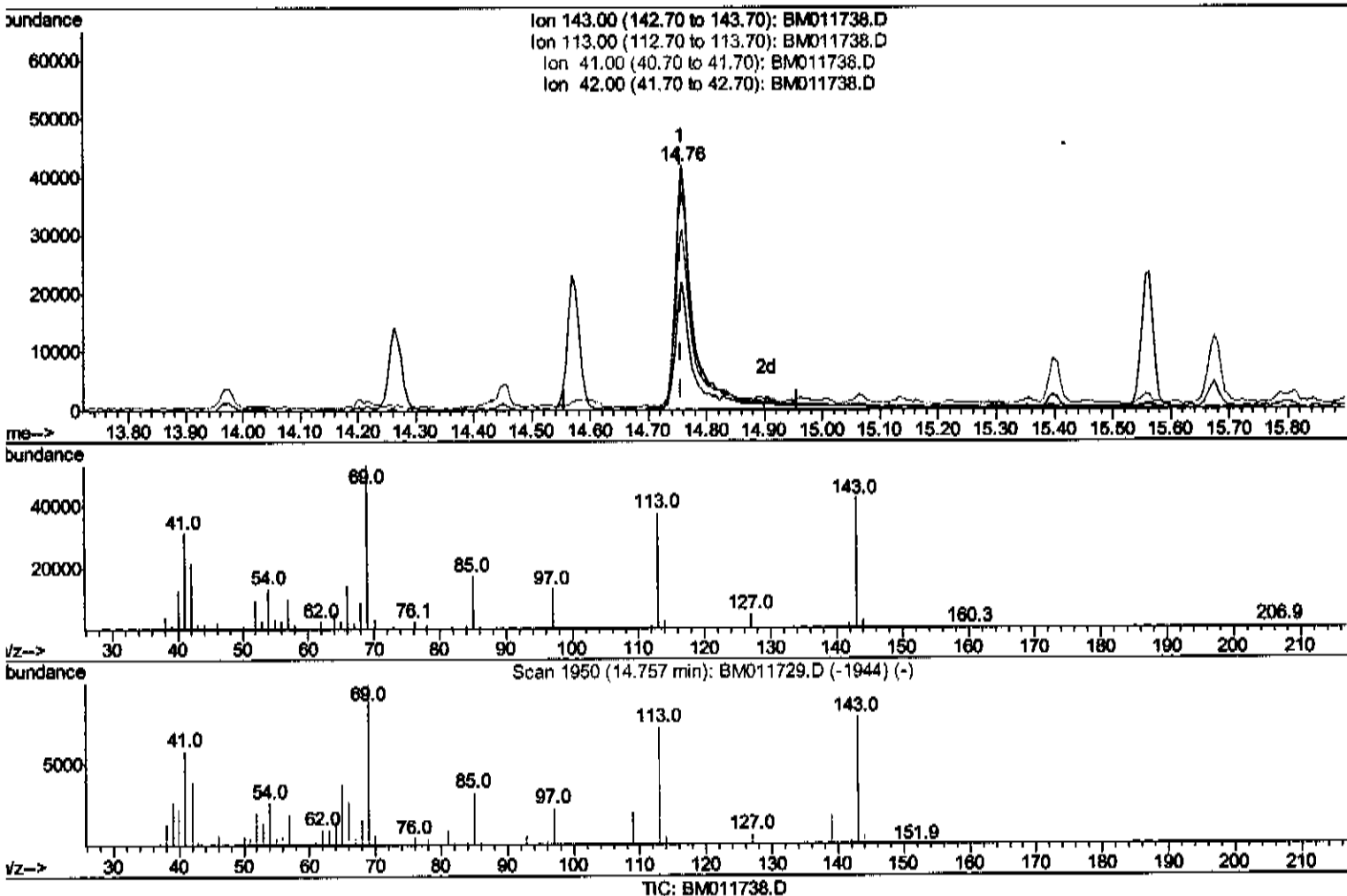
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Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.757min (+0.000) 11.23ng/ul m

response 88089

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 114.80 | 89.47# |
| 41.00  | 34.80  | 74.20# |
| 42.00  | 20.50  | 52.12# |

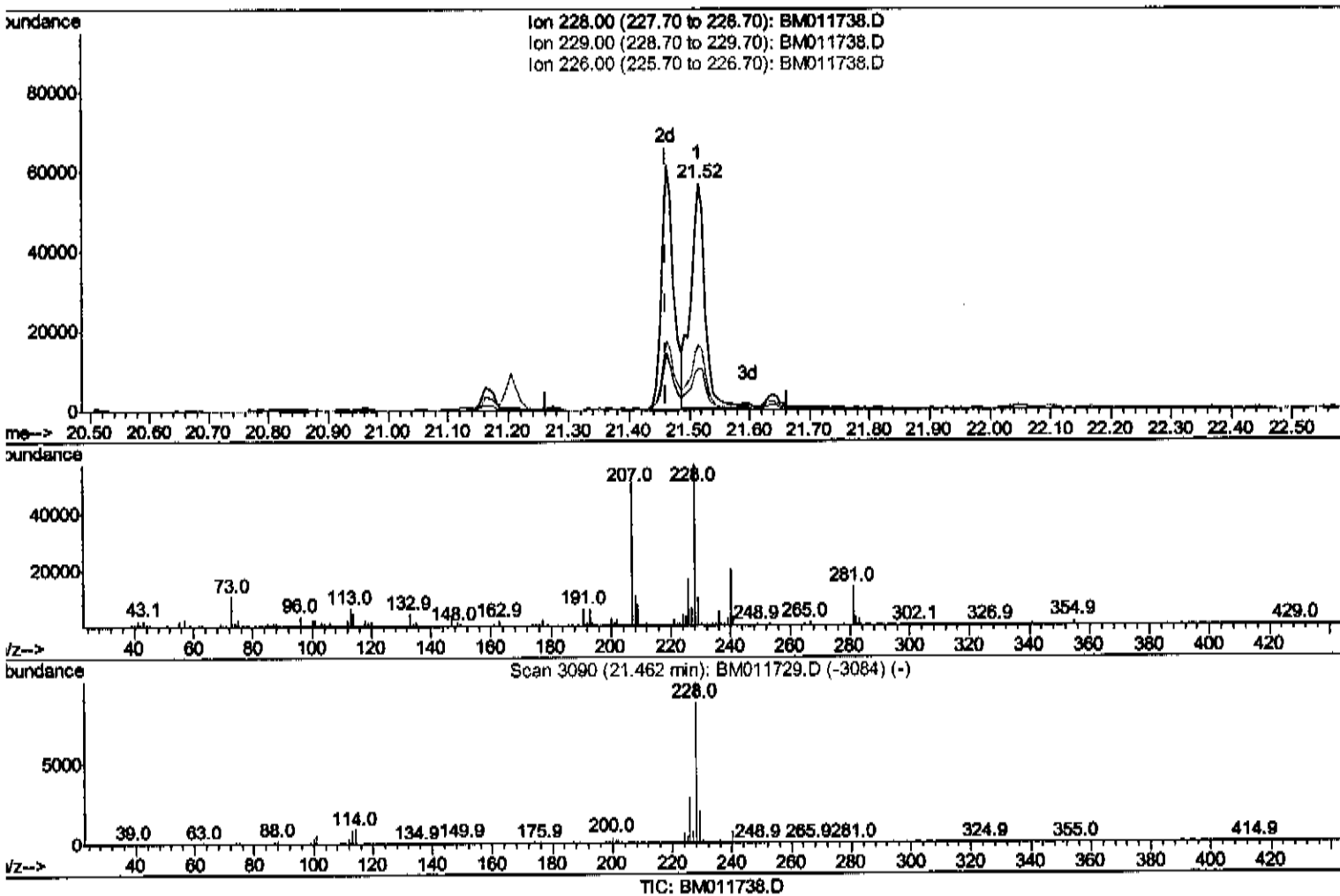
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Operator : SJ/JU  
Sample : I5377-04  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleID :  
CB3D8

Manual Integrations  
APPROVED

Sohil  
9/29/2017 2:22:53 PM

Quant Time: Sep 28 04:47:34 2017  
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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Sep 28 04:06:20 2017  
Response via : Initial Calibration



(80) Benzo(a)anthracene

21.515min (+0.053) 1.27ng/ul

response 92534

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 229.00 | 19.20 | 18.35 |
| 226.00 | 26.70 | 28.95 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

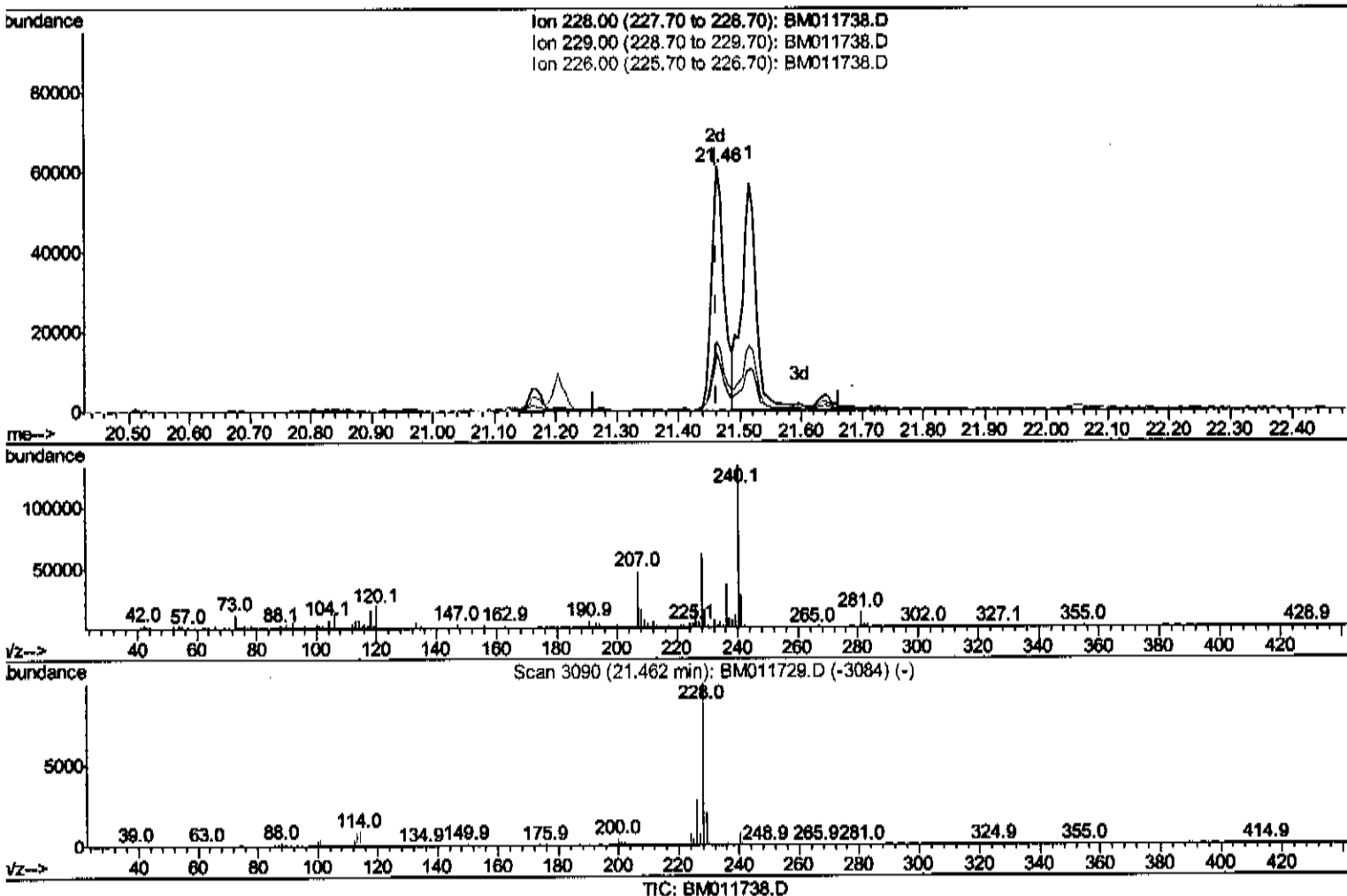
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 Sample : I5377-04  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB3D8

Manual Integrations  
 APPROVED

Sohil  
 9/29/2017 2:22:53 PM

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 Response via : Initial Calibration



(80) Benzo(a)anthracene

21.462min (+0.000) 1.21ng/ul m

response 88411

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 229.00 | 19.20 | 23.64# |
| 226.00 | 26.70 | 28.81  |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\  
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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Sohil  
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 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.94  | 152  | 200286   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.74 | 136  | 933561   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.57 | 164  | 535284   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.31 | 188  | 1197063  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.48 | 240  | 1304416  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.84 | 264  | 1276161  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.36  | 96   | 12970    | 2.89  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.09  | 99   | 287166   | 14.58 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.26  | 67   | 236594   | 16.56 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.46  | 132  | 237749   | 16.22 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.63  | 113  | 237965   | 15.42 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.10  | 128  | 120237   | 16.51 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.82  | 143  | 124454   | 16.02 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.36 | 165  | 227959   | 15.38 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.88 | 131  | 97656    | 5.96  | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.97 | 166  | 856770   | 18.66 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.26 | 160  | 950814   | 17.13 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.76 | 143  | 88089m   | 11.23 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.56 | 176  | 709332   | 17.94 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.67 | 200  | 99814    | 12.31 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.41 | 188  | 1109875  | 18.22 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.70 | 212  | 1340204  | 21.53 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.69 | 264  | 1179745  | 19.31 | ng/ul | 0.00     |

| Target Compounds         | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|--------------------------|-------|------|----------|-------|--------|--------|
| 44) Dimethylphthalate    | 14.02 | 163  | 171475   | 3.905 | ng/ul  | 97     |
| 69) Phenanthrene         | 17.36 | 178  | 78879    | 1.177 | ng/ul  | 99     |
| 74) Fluoranthene         | 19.36 | 202  | 166344   | 2.034 | ng/ul# | 88     |
| 77) Pvrene               | 19.73 | 202  | 159270   | 2.049 | ng/ul# | 91     |
| 80) Benzo(a)anthracene   | 21.46 | 228  | 88411m   | 1.211 | ng/ul  | 99     |
| 82) Chrysene             | 21.52 | 228  | 93395    | 1.357 | ng/ul  | 99     |
| 85) Benzo(b)fluoranthene | 23.13 | 252  | 114824   | 1.525 | ng/ul# | 89     |
| 88) Benzo(a)pyrene       | 23.74 | 252  | 74267    | 1.021 | ng/ul# | 96     |

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