

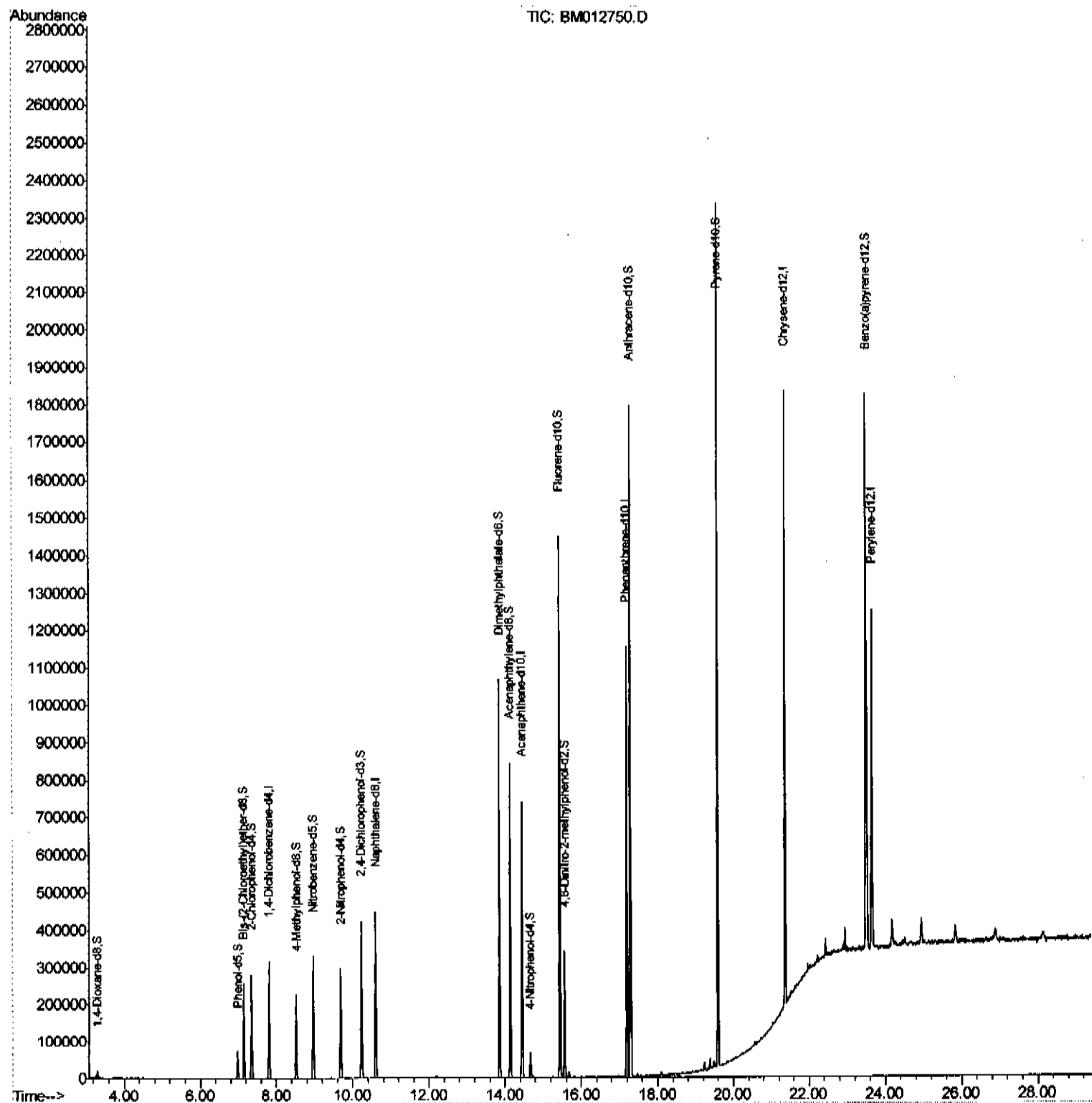
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\  
Data File : BM012750.D  
Acq On : 05 Nov 2017 21:41  
Operator : SJ/JU  
Sample : I6154-08  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
BDEE6

Manual Integrations  
APPROVED

Sohil  
11/6/2017 4:28:47 PM

Quant Time: Nov 06 07:07:44 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Nov 06 06:44:10 2017  
Response via : Initial Calibration



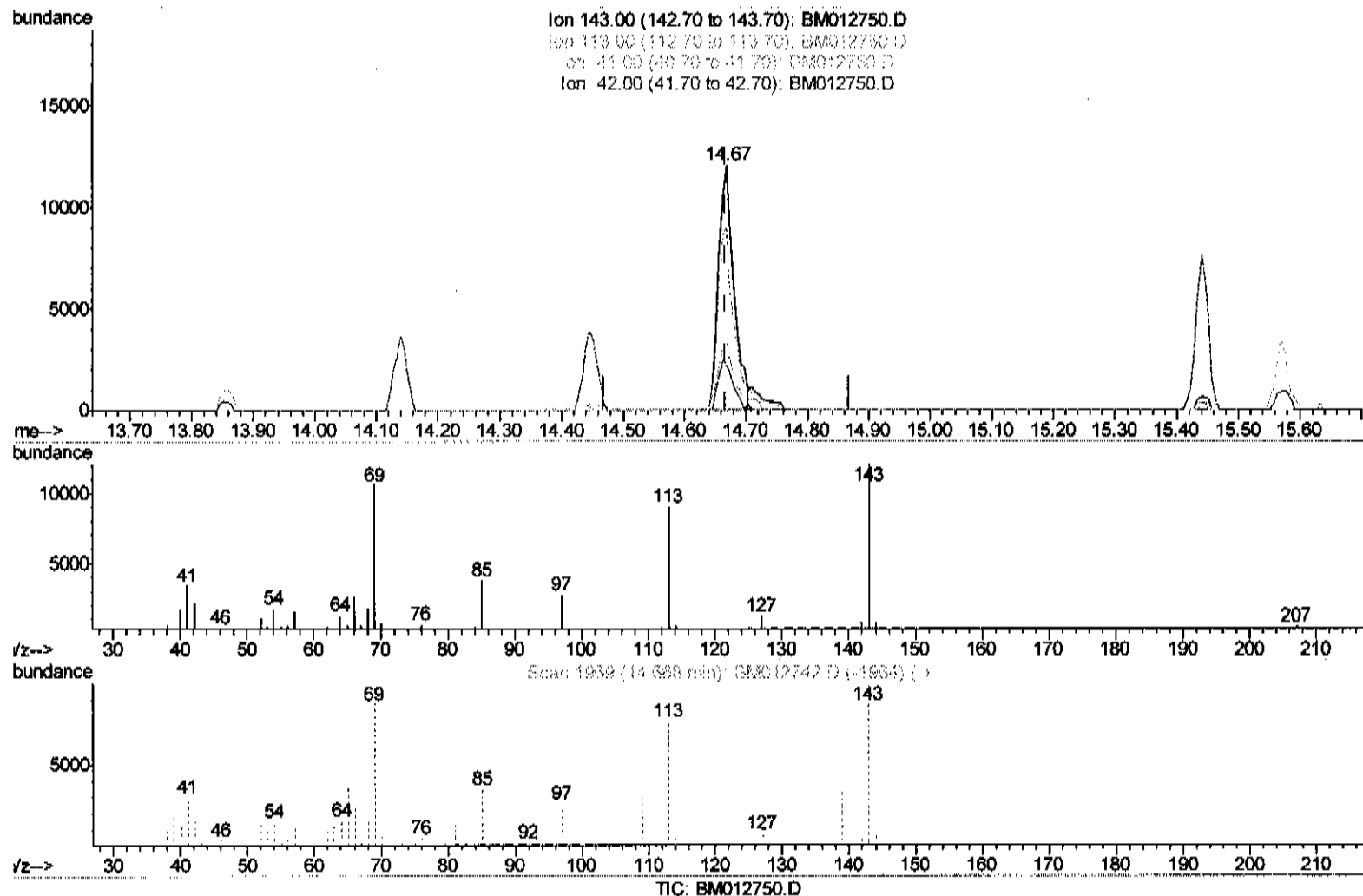
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\  
 Data File : BM012750.D  
 Acq On : 05 Nov 2017 21:41  
 Operator : SJ/JU  
 Sample : I6154-08  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 BDEE6

Manual Integrations  
 APPROVED

Sohil  
 11/6/2017 4:28:47 PM

Quant Time: Nov 06 06:47:07 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 06 06:44:10 2017  
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.669min (+0.000) 6.22ng/ul

response 21034

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 75.10 | 74.54 |
| 41.00  | 28.80 | 27.62 |
| 42.00  | 19.10 | 18.03 |

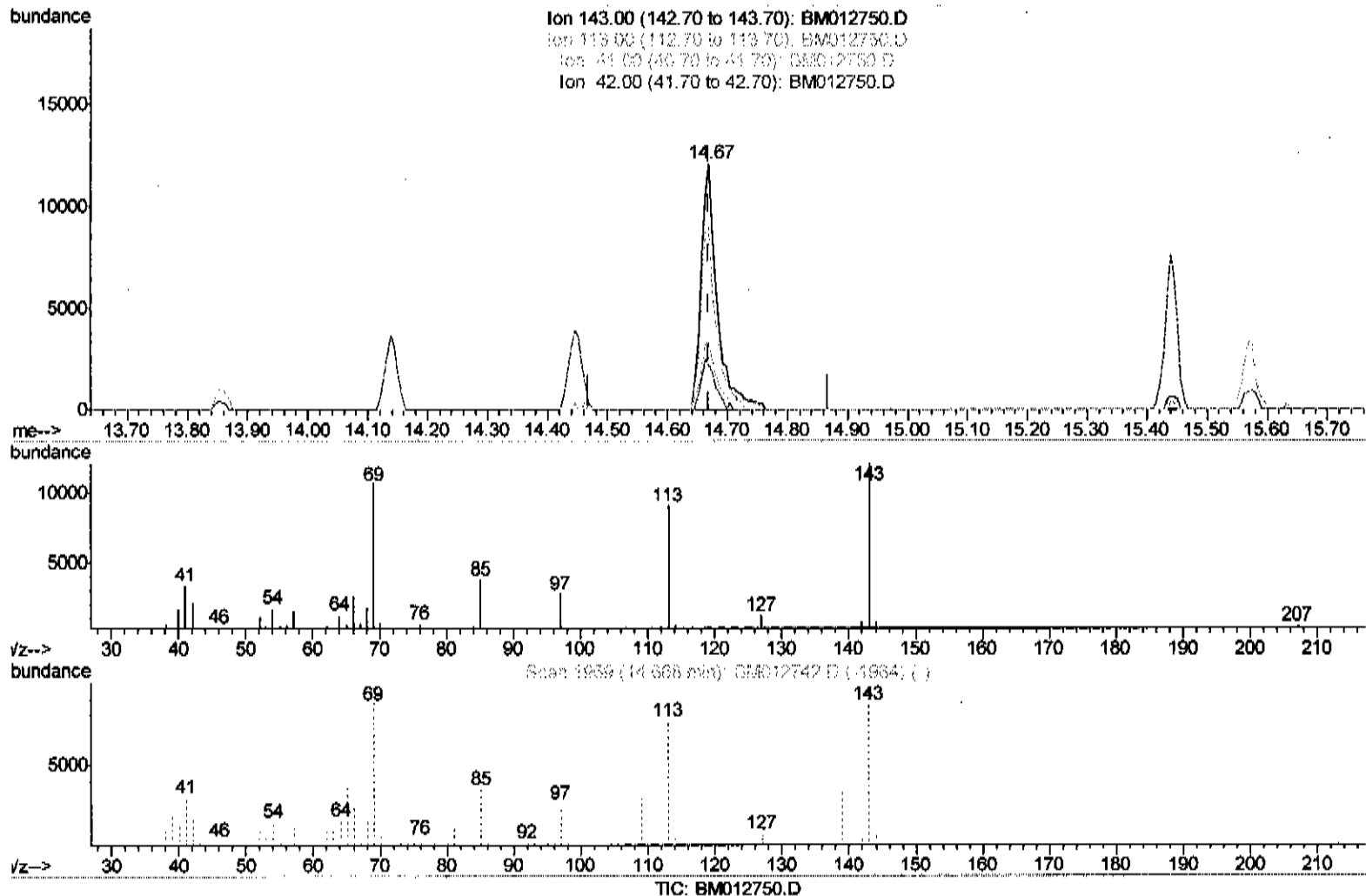
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\  
 Data File : BM012750.D  
 Acq On : 05 Nov 2017 21:41  
 Operator : SJ/JU  
 Sample : I6154-08  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDEE6

Manual Integrations  
 APPROVED

Sohil  
 11/6/2017 4:28:47 PM

Quant Time: Nov 06 06:47:07 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 06 06:44:10 2017  
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.669min (+0.000) 6.76ng/ul m

response 22880

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 75.10 | 74.54 |
| 41.00  | 28.80 | 27.62 |
| 42.00  | 19.10 | 18.03 |

*Handwritten signature:* 34 11/7/17

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\  
Data File : BM012750.D  
Acq On : 05 Nov 2017 21:41  
Operator : SJ/JU  
Sample : I6154-08  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
BDEE6

Manual Integrations  
APPROVED  
Sohil  
11/6/2017 4:28:47 PM

Quant Time: Nov 06 07:07:44 2017  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Nov 06 06:44:10 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.81  | 152  | 86482    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.60 | 136  | 371347   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.45 | 164  | 255156   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.19 | 188  | 667469   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.37 | 240  | 805444   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.66 | 264  | 714778   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 10478   | 6.55  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.99  | 99  | 42169   | 6.55  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67  | 106252  | 30.47 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.35  | 132 | 134645  | 25.12 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.52  | 113 | 83291   | 15.00 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.97  | 128 | 85190   | 31.05 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.69  | 143 | 101228  | 32.25 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165 | 172646  | 26.82 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 126     | 0.02  | ng/ul | -0.14 |
| 43) Dimethylphthalate-d6       | 13.86 | 166 | 698689  | 33.09 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.14 | 160 | 602917  | 23.09 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.67 | 143 | 22880m  | 6.76  | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.44 | 176 | 588589  | 32.55 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.57 | 200 | 92533   | 21.00 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.29 | 188 | 1009219 | 31.29 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.59 | 212 | 1208141 | 32.33 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.51 | 264 | 1019587 | 30.17 | ng/ul | 0.00  |

| Target Compounds | Ovalue |
|------------------|--------|
|------------------|--------|

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