

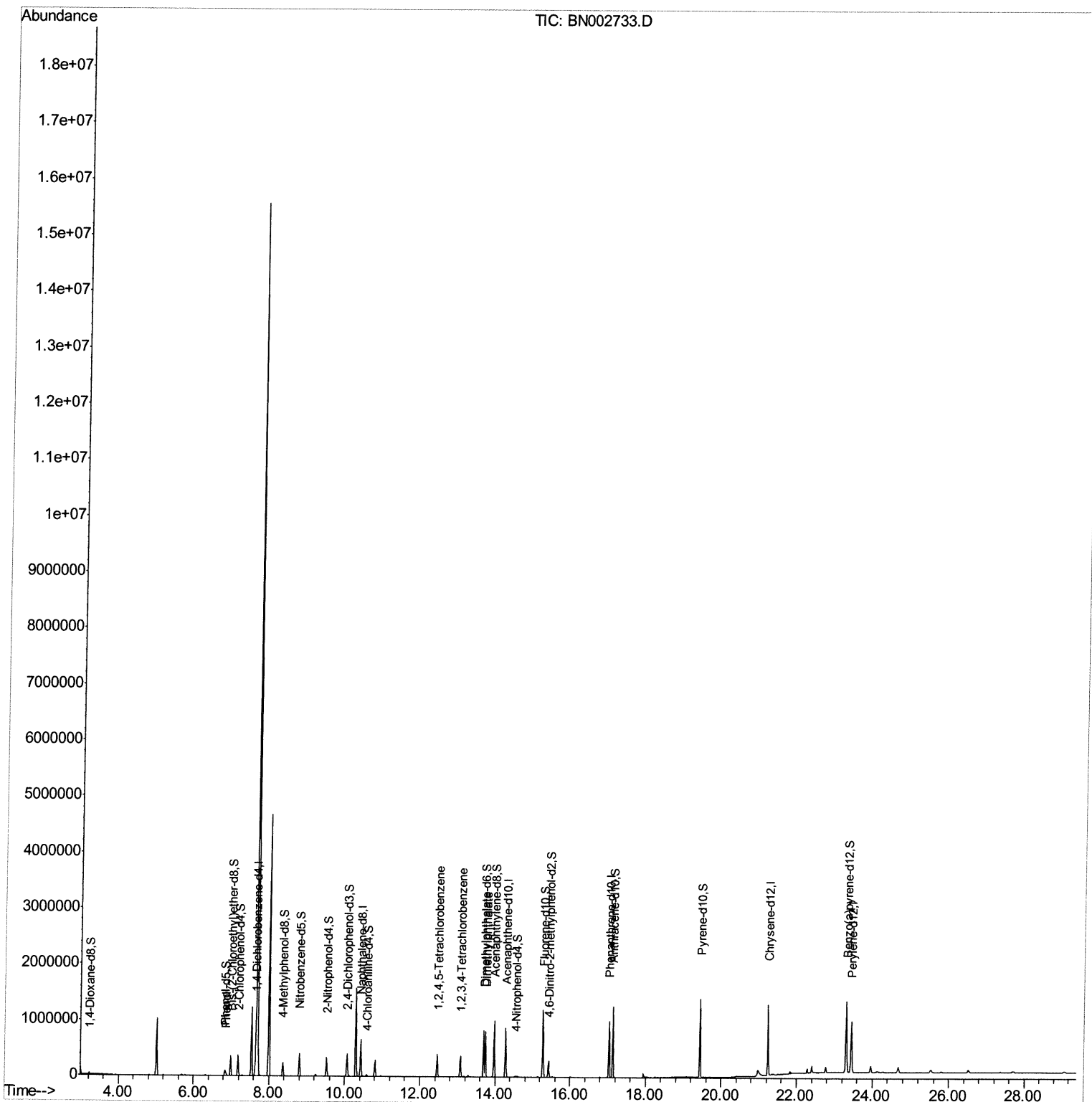
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091718\  
Data File : BN002733.D  
Acq On : 17 Sep 2018 19:29  
Operator : JU/SJ  
Sample : J4893-04  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C08K3

Manual Integrations  
APPROVED

Sohil  
9/18/2018 6:16:47 PM

Quant Time: Sep 18 03:03:11 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 18 02:47:57 2018  
Response via : Initial Calibration



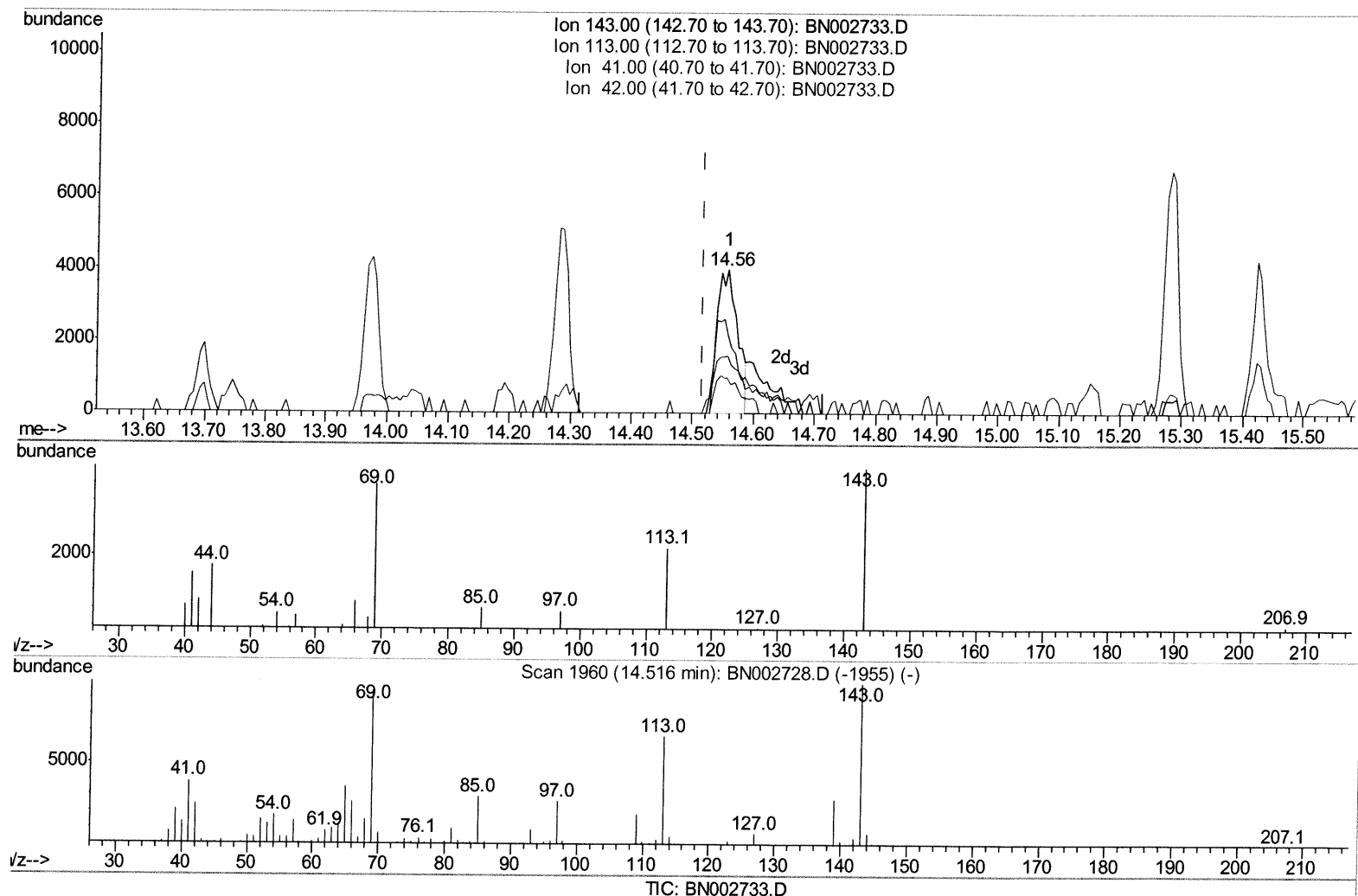
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(51) 4-Nitrophenol-d4 (S)

14.557min (+0.041) 2.54ng/ul

response 9561

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 66.10 | 54.44 |
| 41.00  | 39.90 | 39.98 |
| 42.00  | 25.80 | 24.91 |

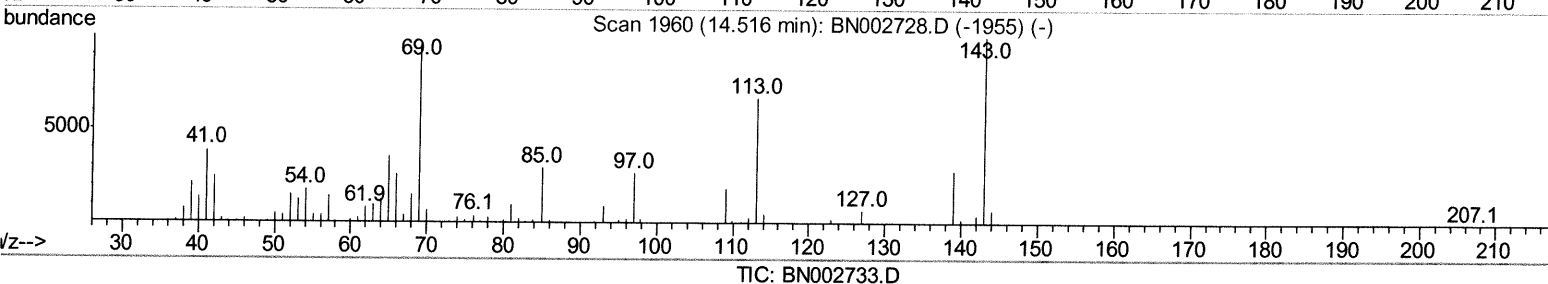
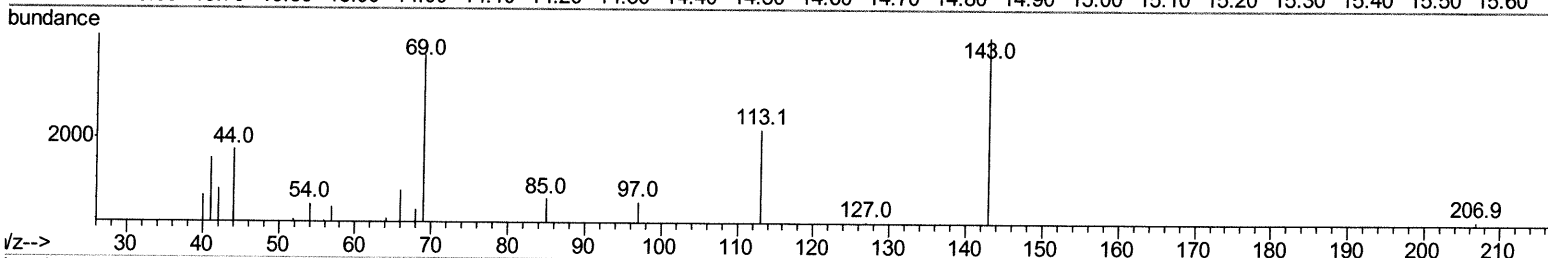
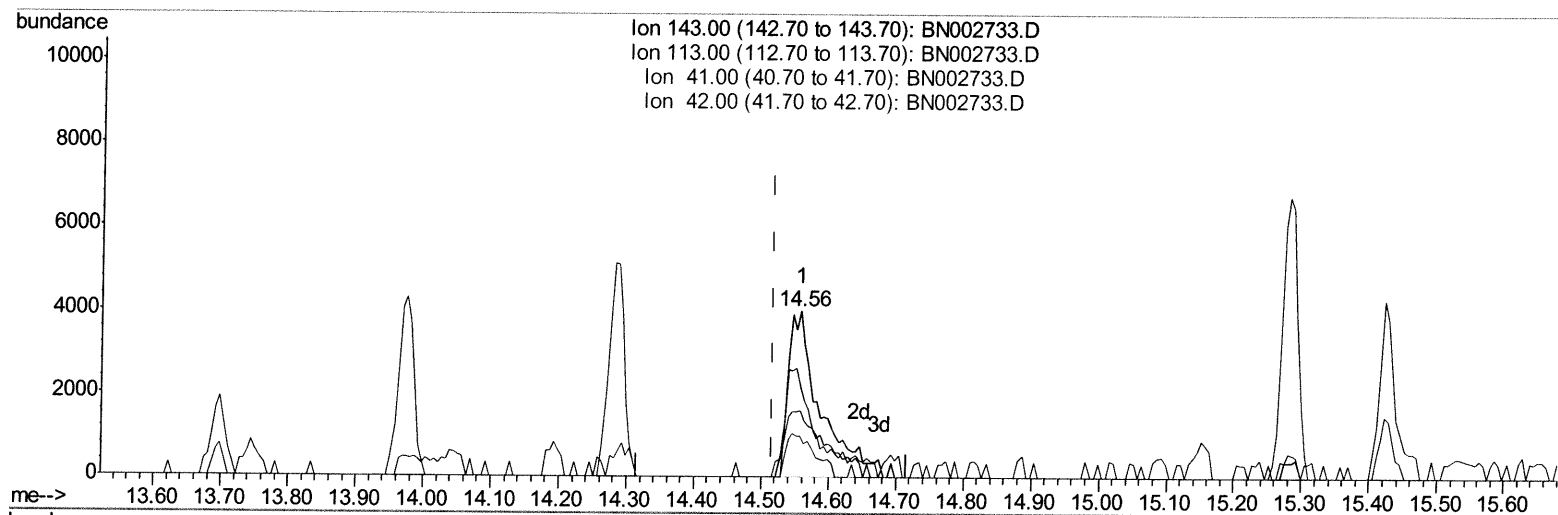
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 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.557min (+0.041) 3.59ng/ul m

5/9/20/18

response 13498

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 66.10 | 54.44 |
| 41.00  | 39.90 | 39.98 |
| 42.00  | 25.80 | 24.91 |

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Manual Integrations  
 APPROVED

Sohil  
 9/18/2018 6:16:47 PM

Quant Time: Sep 18 03:03:11 2018  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 143437   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.42 | 136  | 566795   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.29 | 164  | 290465   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.03 | 188  | 590899   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.24 | 240  | 595533   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.45 | 264  | 644329   | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 14539  | 4.68  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.84  | 99  | 61657  | 5.06  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67  | 164158 | 21.70 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.19  | 132 | 181223 | 18.08 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 105135 | 11.14 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 101997 | 23.23 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.52  | 143 | 113978 | 22.94 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.06 | 165 | 185086 | 20.64 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.58 | 131 | 21412  | 2.06  | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.70 | 166 | 551342 | 24.25 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.97 | 160 | 712028 | 23.98 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.56 | 143 | 13498m | 3.59  | ng/ul | 0.04 |
| 57) Fluorene-d10               | 15.28 | 176 | 484321 | 24.31 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 69295  | 18.75 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.13 | 188 | 711716 | 25.23 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.43 | 212 | 746802 | 23.76 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.31 | 264 | 851508 | 25.11 | ng/ul | 0.00 |

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#### Target Compounds

|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 6) Phenol                      | 6.87  | 94  | 26527  | 2.160  | ng/ul 95  |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216 | 139373 | 14.444 | ng/ul 99  |
| 44) Dimethylphthalate          | 13.75 | 163 | 535148 | 24.116 | ng/ul 100 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.08 | 216 | 112439 | 11.138 | ng/uL 99  |

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