

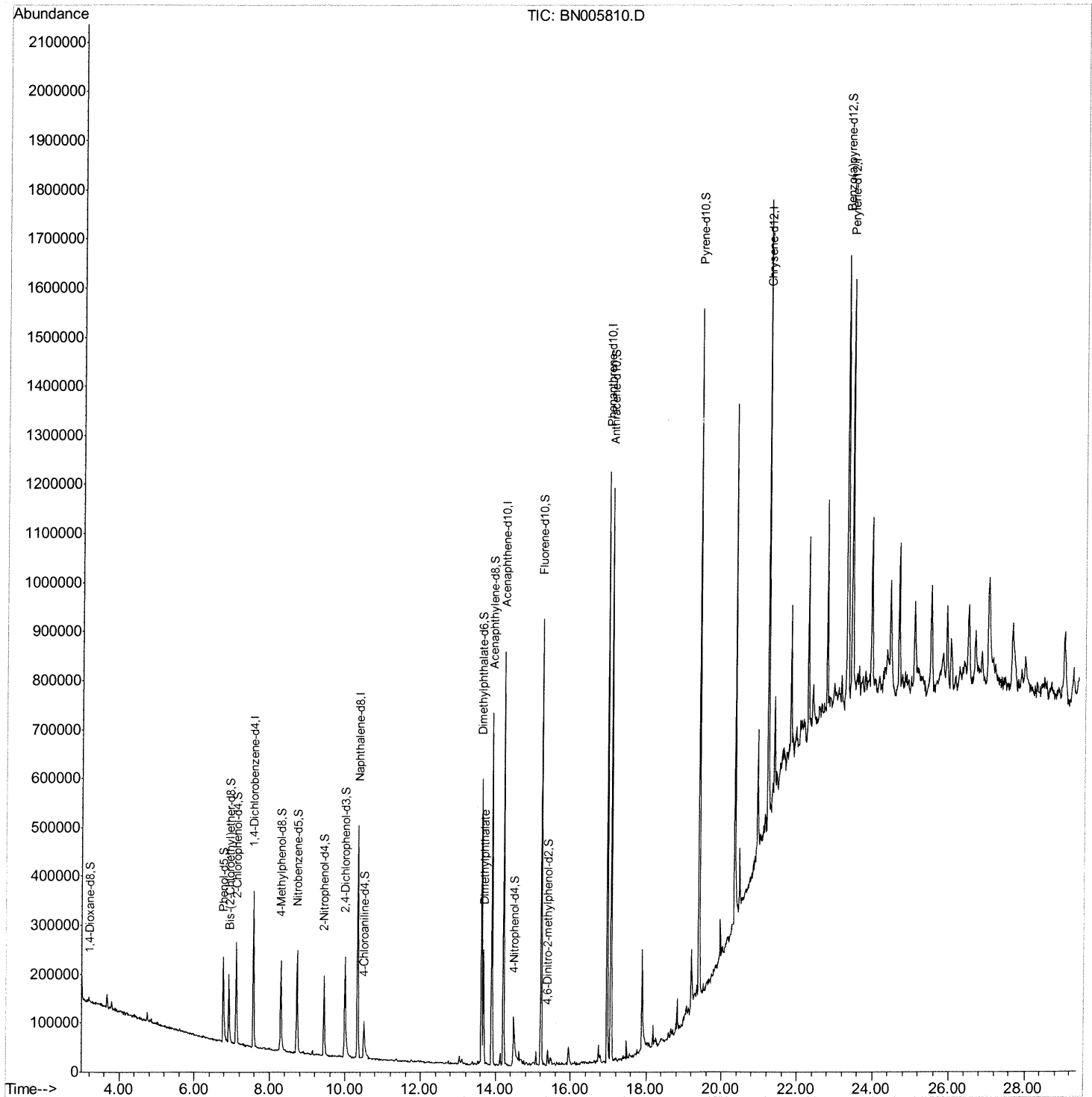
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN052019\  
Data File : BN005810.D  
Acq On : 20 May 2019 21:28  
Operator : JU/SJ  
Sample : K2692-21  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
A5184

Manual Integrations  
APPROVED

Sohil  
5/21/2019 7:13:26 PM

Quant Time: May 21 06:54:57 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN051819MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 21 04:05:47 2019  
Response via : Initial Calibration



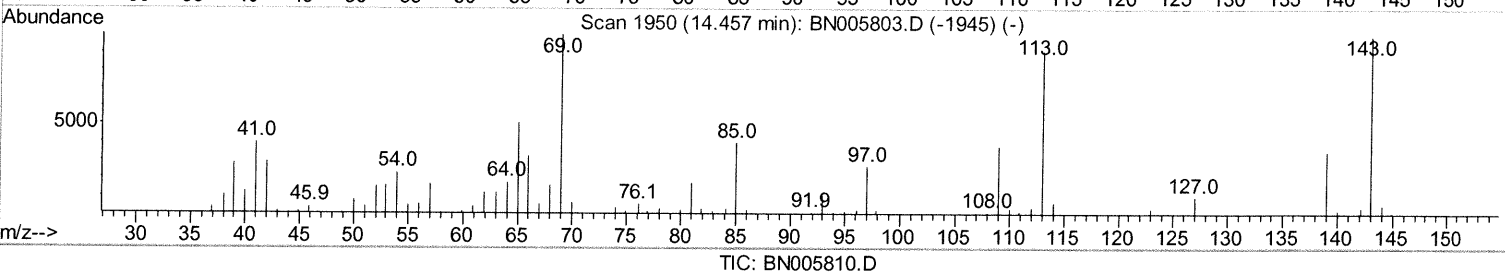
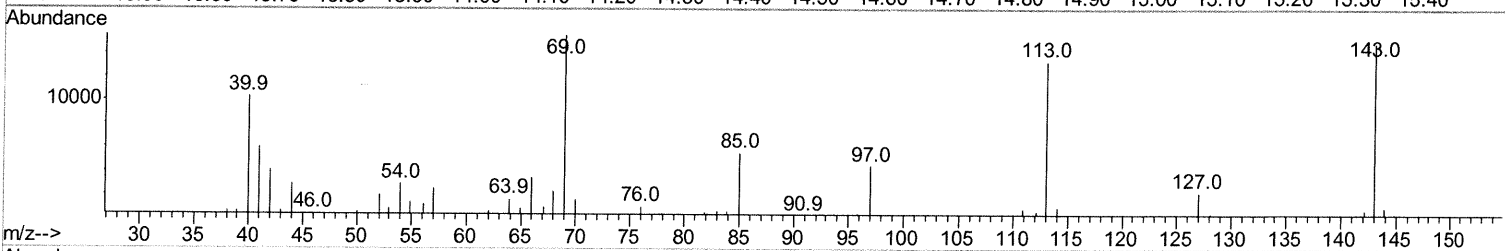
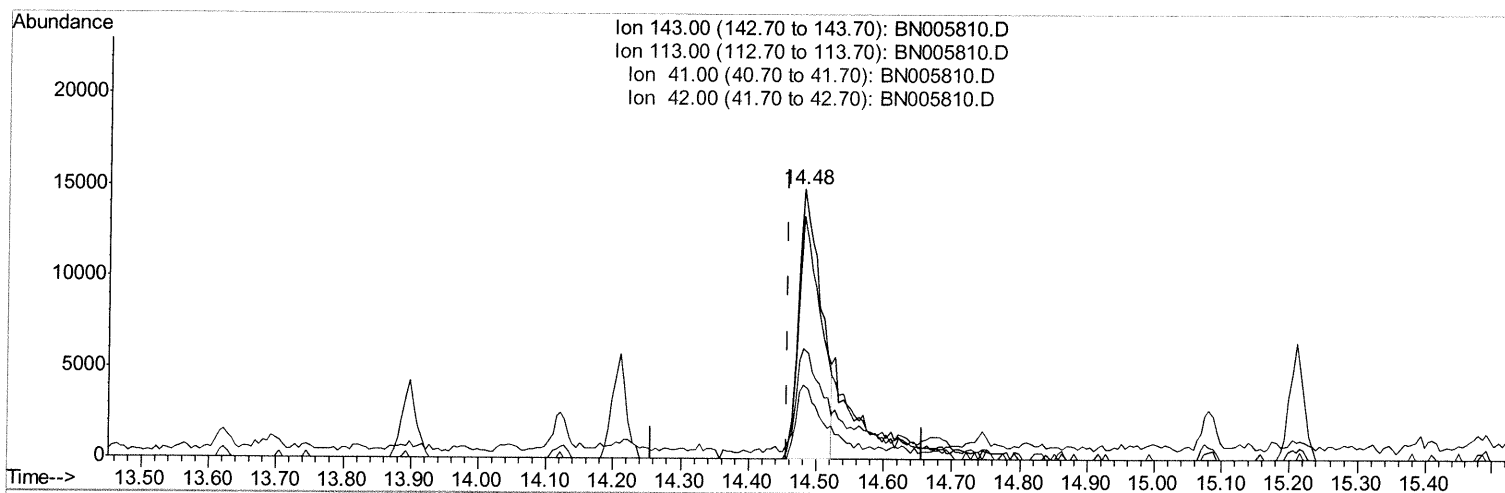
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(51) 4-Nitrophenol-d4 (S)

14.481min (+0.024) 11.49ng/ul

response 34140

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 82.50 | 90.04 |
| 41.00  | 47.90 | 40.99 |
| 42.00  | 31.70 | 27.47 |

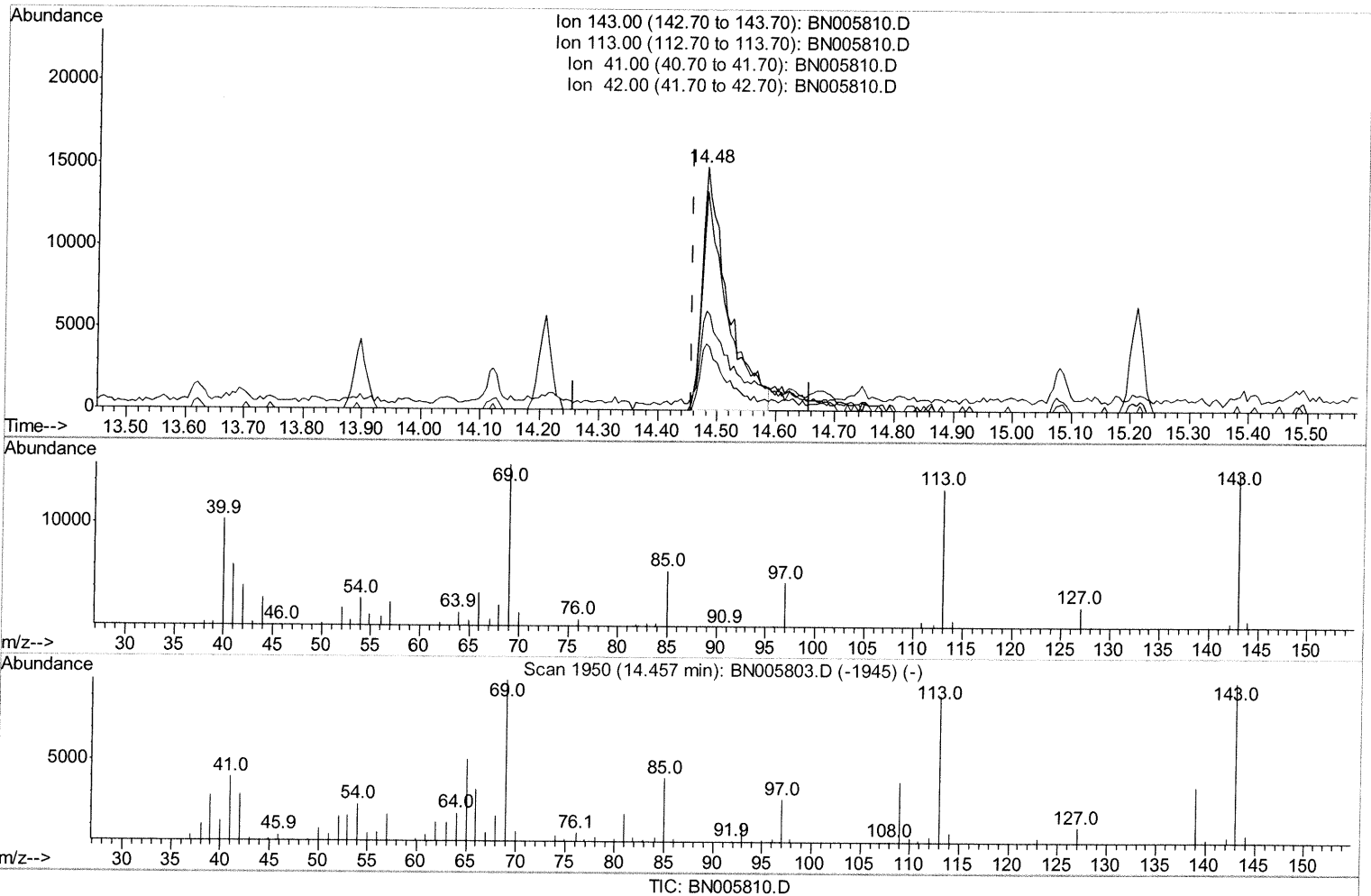
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Manual Integrations  
APPROVED

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5/21/2019 7:13:26 PM

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Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 21 04:05:47 2019  
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.481min (+0.024) 14.94ng/ul m

JU  
05/22/19

response 44387

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 143.00 | 100   | 100   |
| 113.00 | 82.50 | 90.04 |
| 41.00  | 47.90 | 40.99 |
| 42.00  | 31.70 | 27.47 |

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Instrument :  
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 ClientSampleId :  
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Manual Integrations  
 APPROVED

Sohil  
 5/21/2019 7:13:26 PM

Quant Time: May 21 06:54:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN051819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 21 04:05:47 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 92421    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.33 | 136  | 401630   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.21 | 164  | 274133   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.97 | 188  | 709466   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.21 | 240  | 621736   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.42 | 264  | 639387   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.19  | 96  | 5373   | 3.25  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.77  | 99  | 125773 | 17.61 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.92  | 67  | 65308  | 17.52 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 106967 | 18.62 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 83654  | 13.70 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 54458  | 18.68 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 57482  | 17.07 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 116037 | 18.06 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 65840  | 9.23  | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 405334 | 19.22 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 528455 | 20.62 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.48 | 143 | 44387m | 14.94 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.21 | 176 | 391132 | 21.59 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 8106   | 1.90  | ng/ul | 0.02 |
| 70) Anthracene-d10             | 17.07 | 188 | 644761 | 21.04 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.39 | 212 | 745696 | 24.34 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.28 | 264 | 620920 | 21.65 | ng/ul | 0.00 |

JU  
 05/21/19

## Target Compounds

|                       |       |     |        |       |       |           |
|-----------------------|-------|-----|--------|-------|-------|-----------|
| 44) Dimethylphthalate | 13.67 | 163 | 155234 | 7.464 | ng/ul | Ovalue 99 |
|-----------------------|-------|-----|--------|-------|-------|-----------|

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