

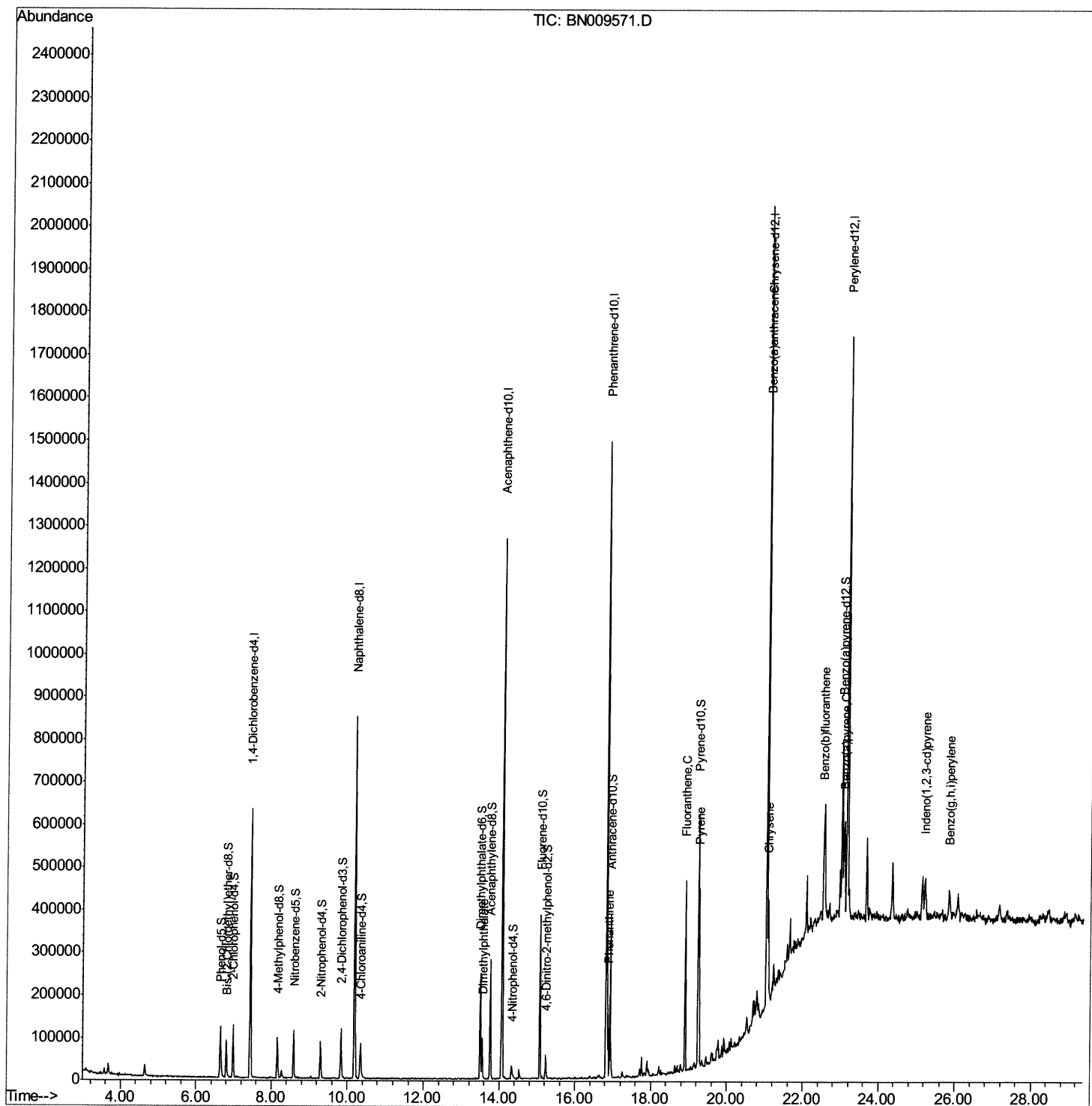
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\  
Data File : BN009571.D  
Acq On : 04 Feb 2020 19:15  
Operator : CG/JU  
Sample : L1302-09  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
OR-03-011020

Manual Integrations  
APPROVED

mohammad  
2/6/2020 8:12:54 AM

Quant Time: Feb 05 00:55:37 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Feb 03 16:39:56 2020  
Response via : Initial Calibration



# Quantitation Report (Qedit)

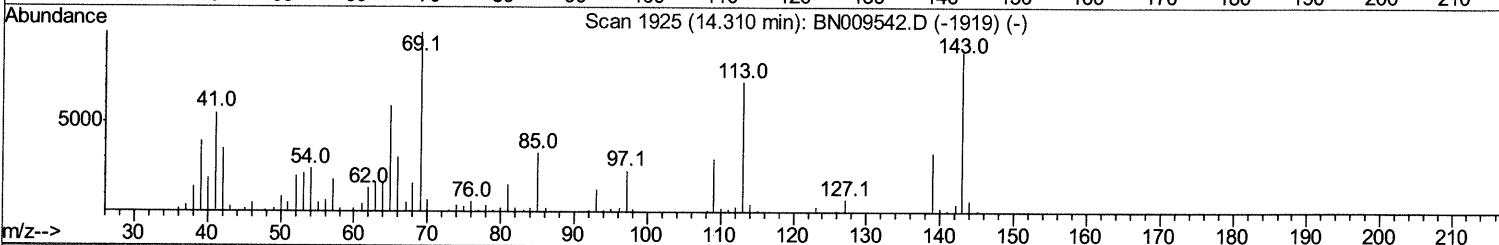
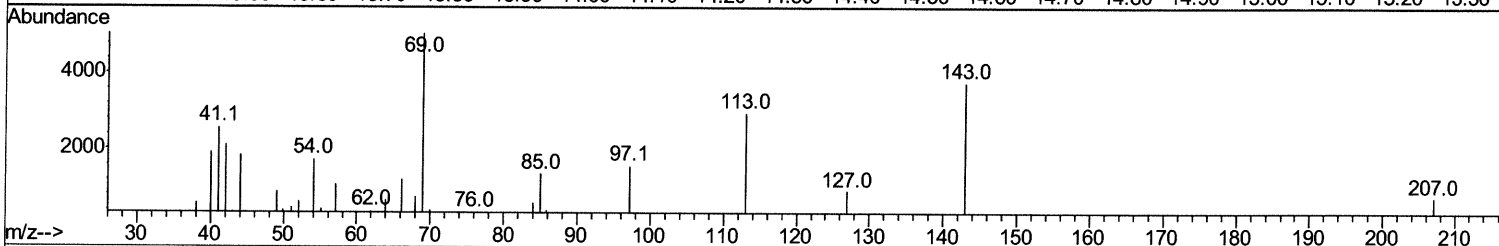
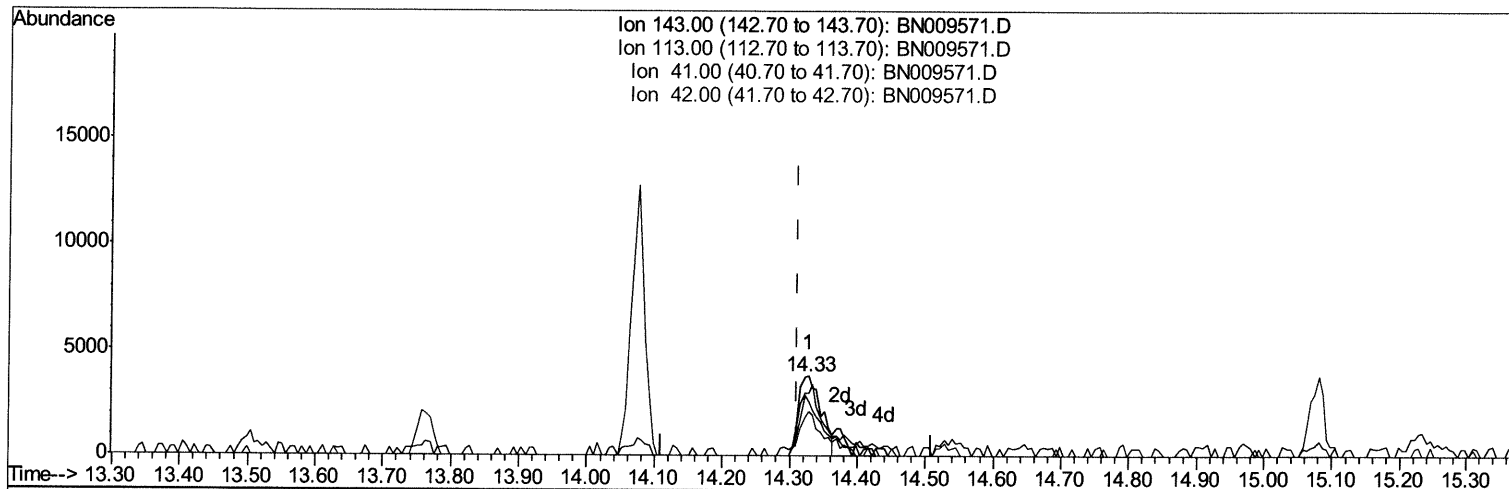
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Manual Integrations  
 APPROVED

mohammad  
 2/6/2020 8:12:54 AM

Quant Time: Feb 05 00:26:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Feb 03 16:39:56 2020  
 Response via : Initial Calibration



TIC: BN009571.D

(51) 4-Nitrophenol-d4 (S)  
 14.328min (+0.018) 1.65ng/ul  
 response 8896  

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 77.90 | 78.23  |
| 41.00  | 65.40 | 67.92  |
| 42.00  | 43.30 | 55.95# |

## Quantitation Report (Qedit)

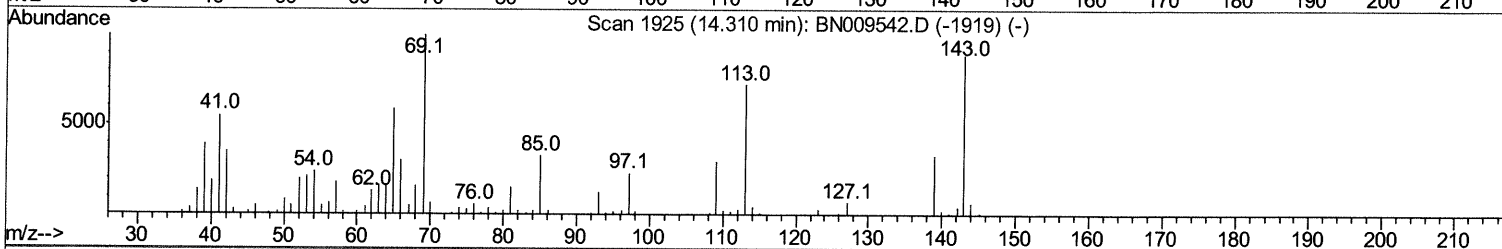
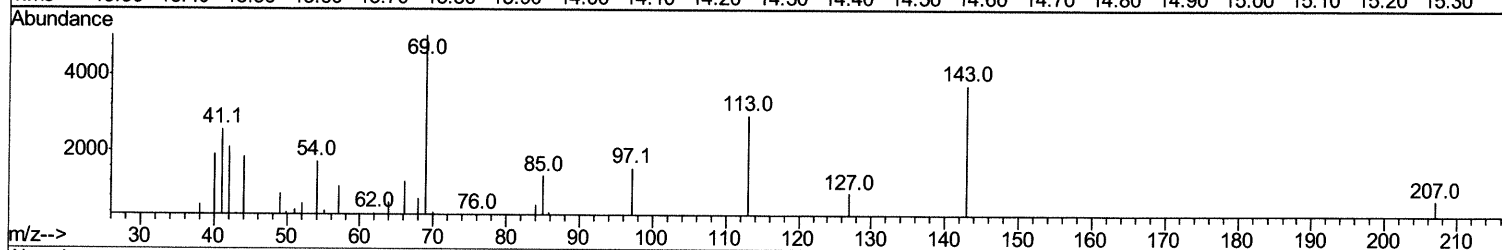
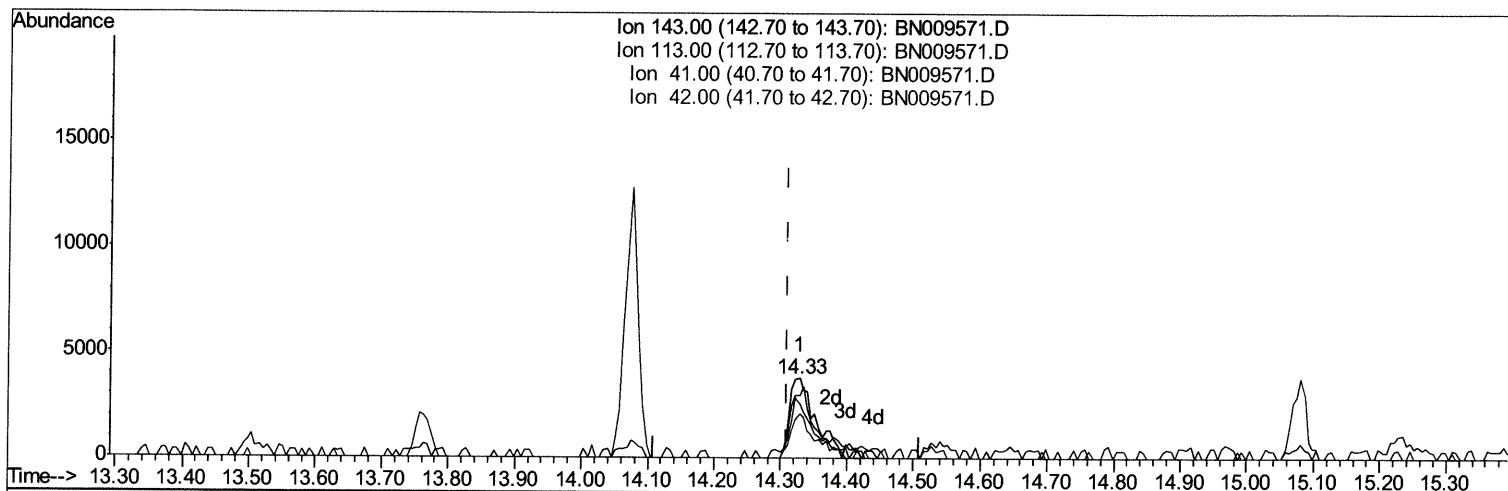
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Acq On : 04 Feb 2020 19:15  
Operator : CG/JU  
Sample : L1302-09  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
OR-03-011020

Manual Integrations  
APPROVED

mohammad  
2/6/2020 8:12:54 AM

Quant Time: Feb 05 00:26:08 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Feb 03 16:39:56 2020  
Response via : Initial Calibration



TIC: BN009571.D

(51) 4-Nitrophenol-d4 (S)

14.328min (+0.018) 1.91ng/ul m *J402/05/20*

response 10300

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 77.90 | 78.23  |
| 41.00  | 65.40 | 67.92  |
| 42.00  | 43.30 | 55.95# |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020320\  
 Data File : BN009571.D  
 Acq On : 04 Feb 2020 19:15  
 Operator : CG/JU  
 Sample : L1302-09  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OR-03-011020

Manual Integrations  
 APPROVED

mohammad  
 2/6/2020 8:12:54 AM

Quant Time: Feb 05 00:55:37 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Feb 03 16:39:56 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.44  | 152  | 147501   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.19 | 136  | 613431   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.07 | 164  | 390817   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.83 | 188  | 807779   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.04 | 240  | 750404   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.16 | 264  | 833609   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |          |      |         |      |
|--------------------------------|-------|-----|----------|------|---------|------|
| 3) 1,4-Dioxane-d8              | 3.09  | 96  | 3483     | 0.97 | ng/uL   | 0.01 |
| 5) Phenol-d5                   | 6.64  | 99  | 59508    | 4.63 | ng/ul   | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.80  | 67  | 45223    | 5.23 | ng/ul   | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.98  | 132 | 49362    | 5.21 | ng/ul   | 0.00 |
| 13) 4-Methylphenol-d8          | 8.16  | 113 | 35300    | 3.45 | ng/ul   | 0.00 |
| 19) Nitrobenzene-d5            | 8.59  | 128 | 23090    | 5.06 | ng/ul   | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.30  | 143 | 23373    | 4.59 | ng/ul   | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.83  | 165 | 43605    | 4.57 | ng/ul   | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.35 | 131 | 50472    | 4.92 | ng/ul   | 0.00 |
| 43) Dimethylphthalate-d6       | 13.50 | 166 | 157074   | 5.51 | ng/ul   | 0.00 |
| 46) Acenaphthylene-d8          | 13.76 | 160 | 171676   | 4.98 | ng/ul   | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.33 | 143 | 10300m > | 1.91 | ng/ul > | 0.02 |
| 57) Fluorene-d10               | 15.08 | 176 | 140867   | 5.61 | ng/ul   | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.23 | 200 | 10109    | 2.00 | ng/ul   | 0.00 |
| 70) Anthracene-d10             | 16.93 | 188 | 208057   | 5.67 | ng/ul   | 0.00 |
| 78) Pyrene-d10                 | 19.23 | 212 | 250233   | 6.34 | ng/ul   | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.02 | 264 | 244160   | 5.95 | ng/ul   | 0.00 |

7402/05/20

## Target Compounds

|                            |       |     |        |       | Ovalue |    |
|----------------------------|-------|-----|--------|-------|--------|----|
| 44) Dimethylphthalate      | 13.55 | 163 | 57937  | 1.914 | ng/ul# | 96 |
| 69) Phenanthrene           | 16.87 | 178 | 93317  | 2.026 | ng/ul  | 98 |
| 76) Fluoranthene           | 18.90 | 202 | 249062 | 4.737 | ng/ul  | 96 |
| 79) Pvrene                 | 19.26 | 202 | 229423 | 4.188 | ng/ul  | 99 |
| 82) Benzo(a)anthracene     | 21.03 | 228 | 120129 | 2.319 | ng/ul  | 95 |
| 84) Chrysene               | 21.08 | 228 | 126107 | 2.445 | ng/ul  | 96 |
| 87) Benzo(b)fluoranthene   | 22.53 | 252 | 164618 | 3.156 | ng/ul  | 96 |
| 90) Benzo(a)pvrene         | 23.06 | 252 | 109367 | 2.263 | ng/ul  | 98 |
| 91) Indeno(1,2,3-cd)pvrene | 25.21 | 276 | 71285  | 1.241 | ng/ul  | 95 |
| 93) Benzo(g,h,i)perylene   | 25.84 | 276 | 69237  | 1.438 | ng/ul  | 97 |

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