Quantitation Report (QT Reviewed)

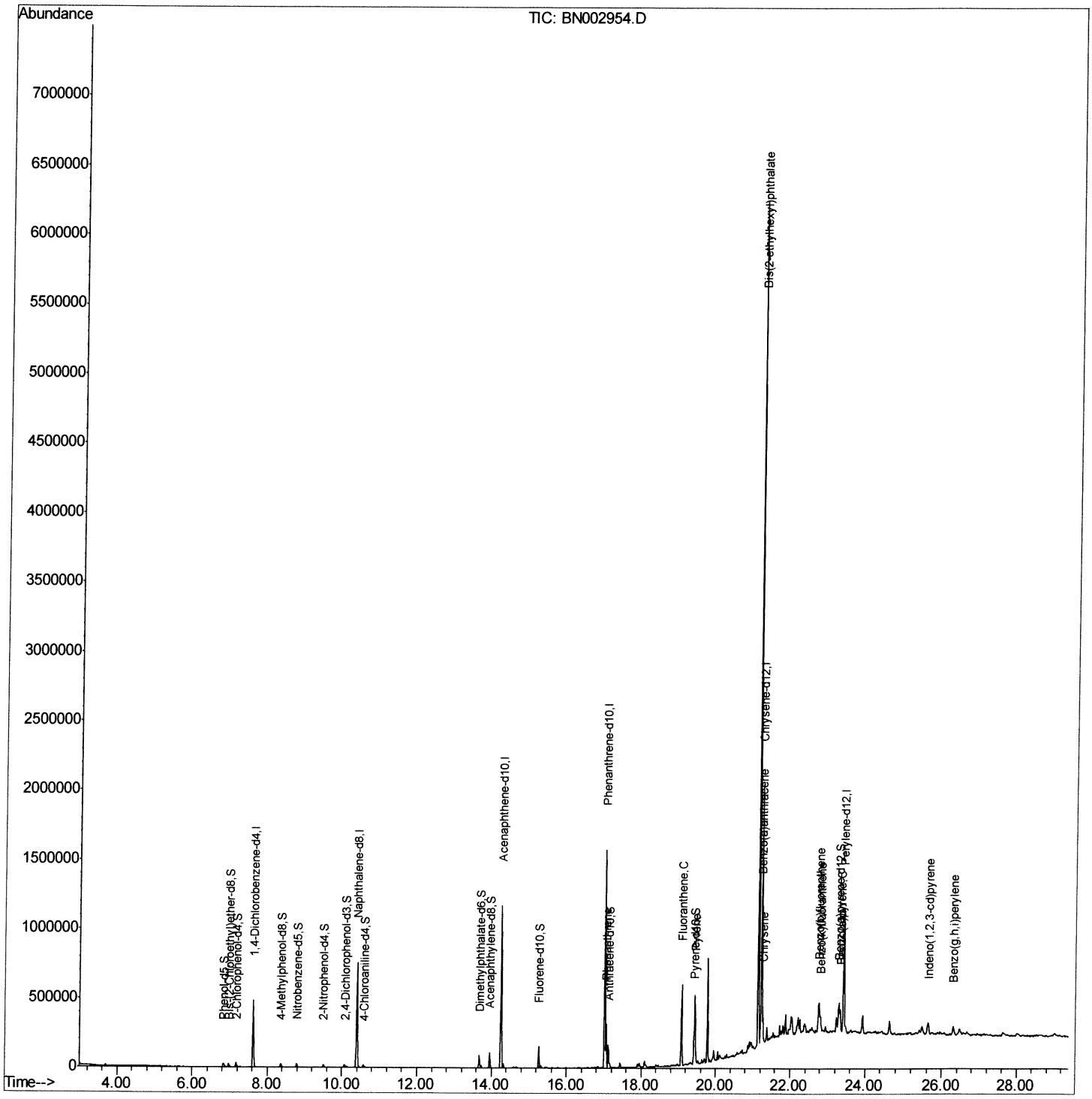
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002954.D
Acq On : 05 Oct 2018 04:32
Operator : MJ/SJ
Sample : J5115-20DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Oct 05 07:25:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 05 05:51:15 2018
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
JLC63DL

**Manual Integrations APPROVED**
Sohil
10/5/2018 5:30:22 PM

10/5/2018 5:30:22 PM



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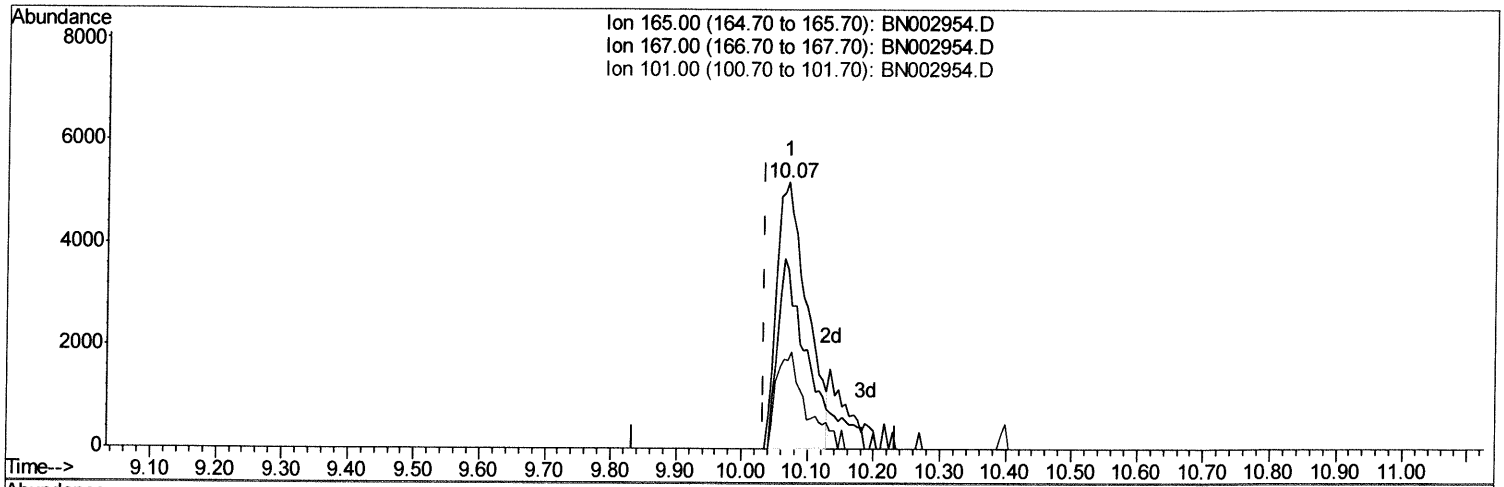


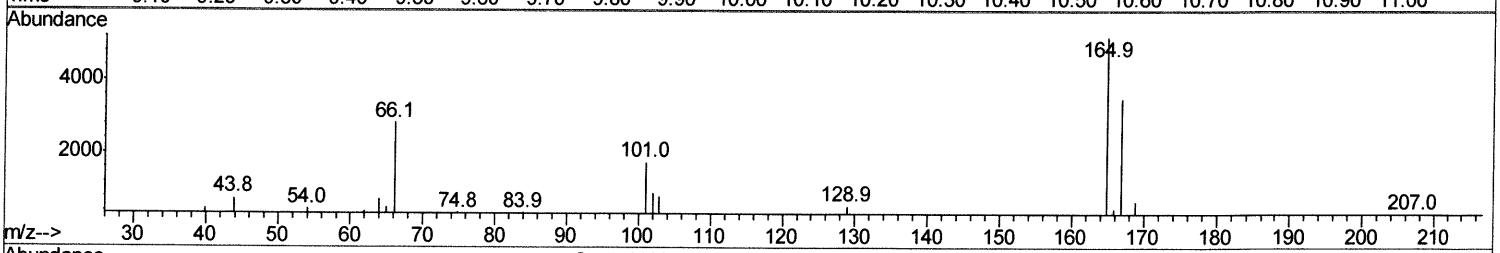


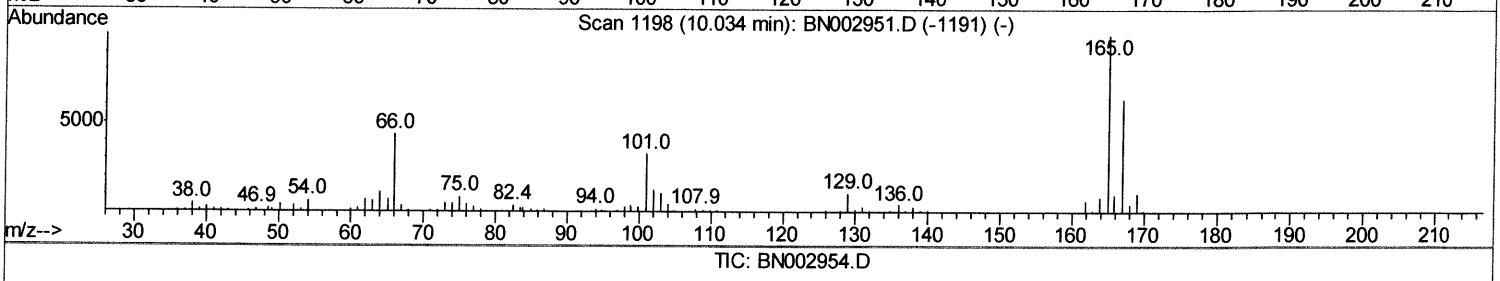


TIC: BN002954.D

(26) 2,4-Dichlorophenol-d3 (S)

10.069min (+0.035) 1.60ng/ul

response 16470

| Ion | Exp% | Act% |
|---|---|---|
| 165.00 | 100 | 100 |
| 167.00 | 62.60 | 67.26 |
| 101.00 | 34.90 | 33.18 |
| 0.00 | 0.00 | 0.00 |

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10/5/2018 5:30:22 PM

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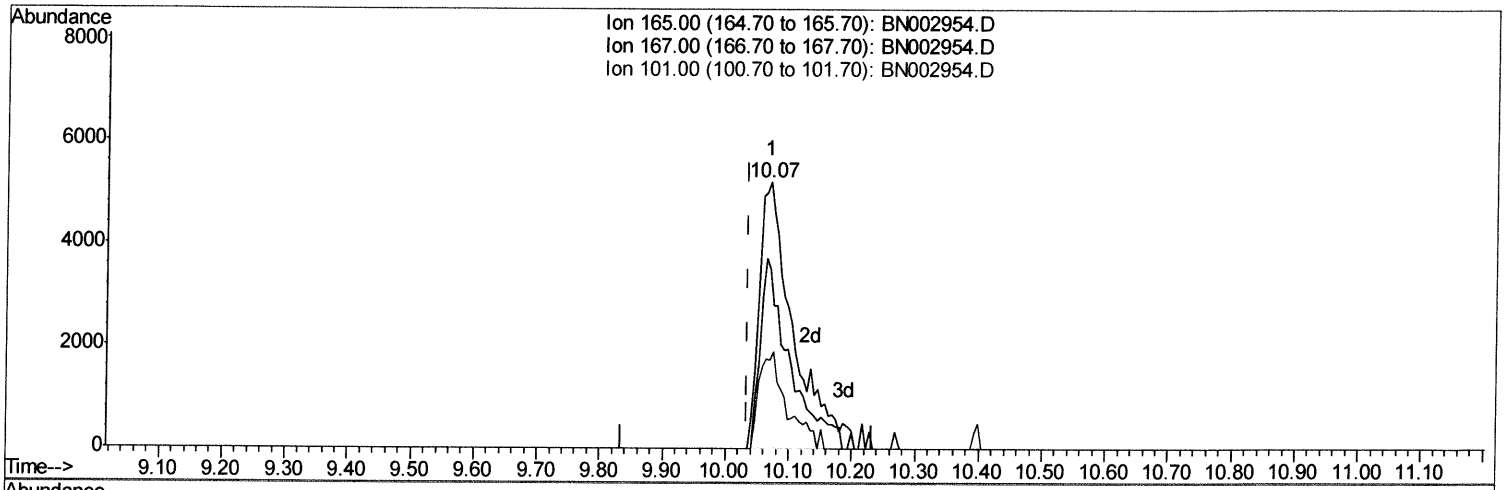


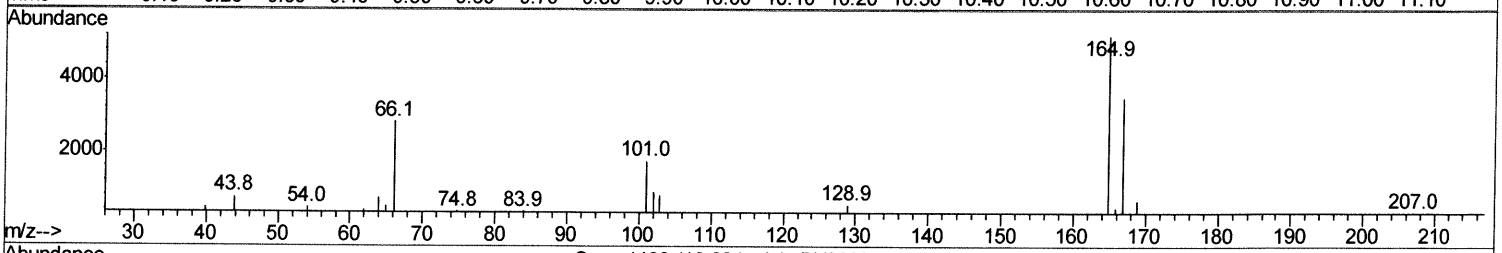


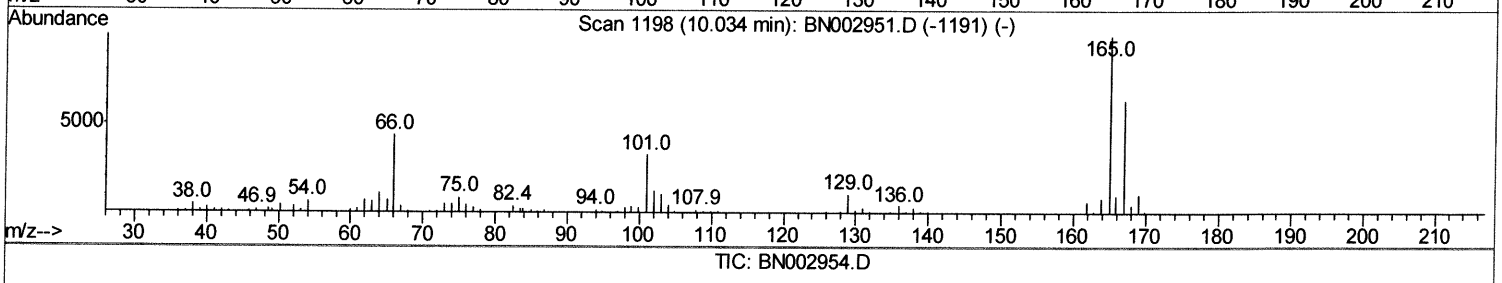


TIC: BN002954.D

(26) 2,4-Dichlorophenol-d3 (S)

10.069min (+0.035) 1.91ng/ul m

response 19629

| Ion | Exp% | Act% |
|---|---|---|
| 165.00 | 100 | 100 |
| 167.00 | 62.60 | 67.26 |
| 101.00 | 34.90 | 33.18 |
| 0.00 | 0.00 | 0.00 |

SJ 10/10/18

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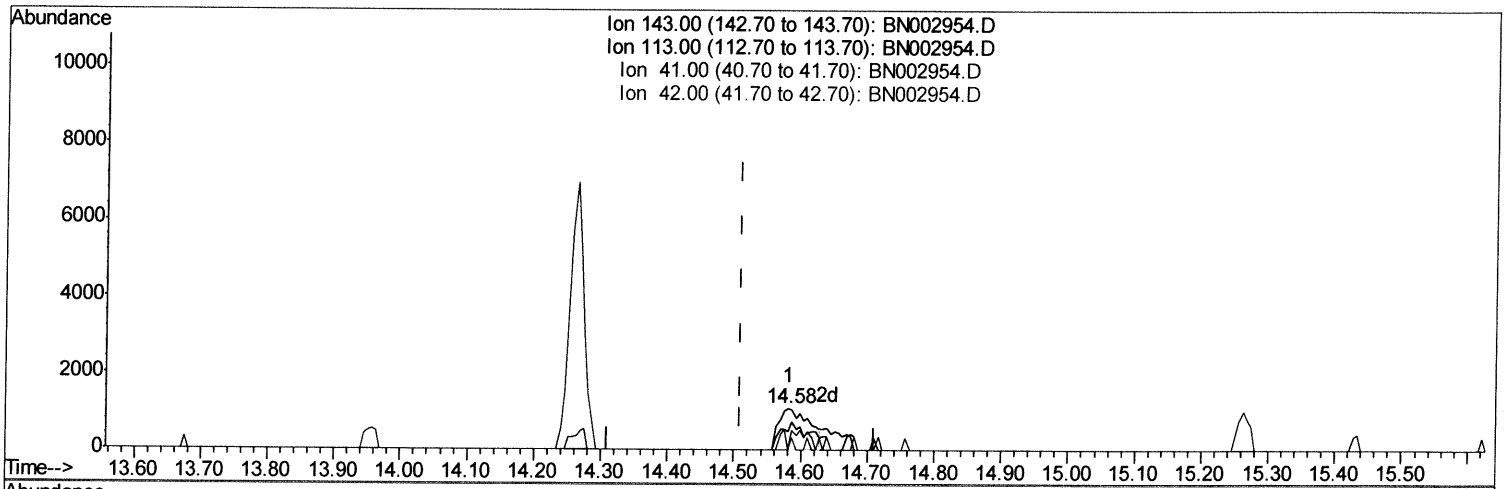


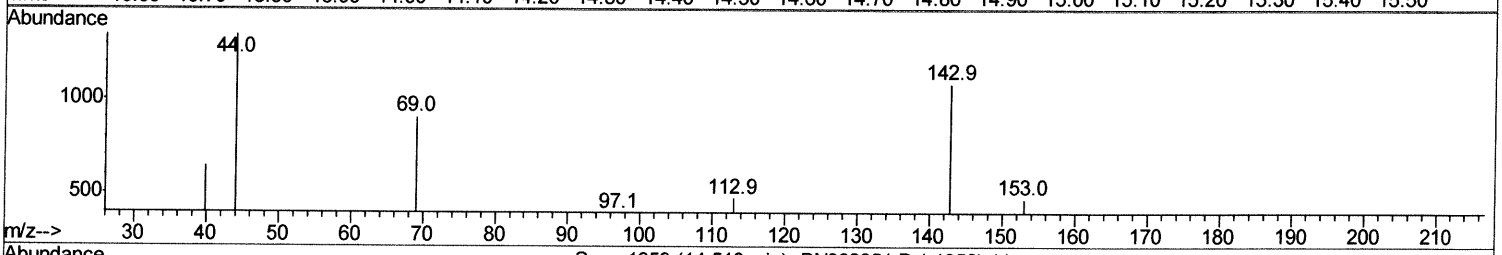


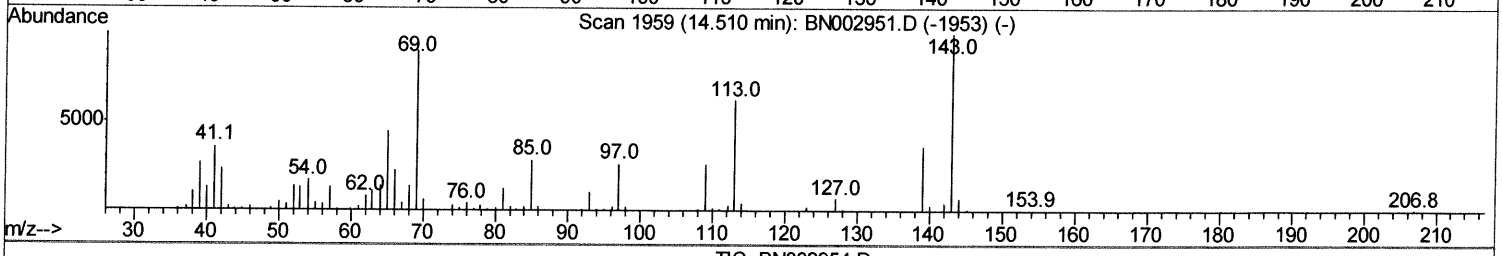


TIC: BN002954.D

(51) 4-Nitrophenol-d4 (S)

14.581min (+0.071) 0.67ng/ul

response 3419

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 66.10 | 43.61# |
| 41.00 | 39.90 | 0.00# |
| 42.00 | 25.80 | 0.00# |

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BNA_N
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**Manual Integrations APPROVED**
Sohil
10/5/2018 5:30:22 PM

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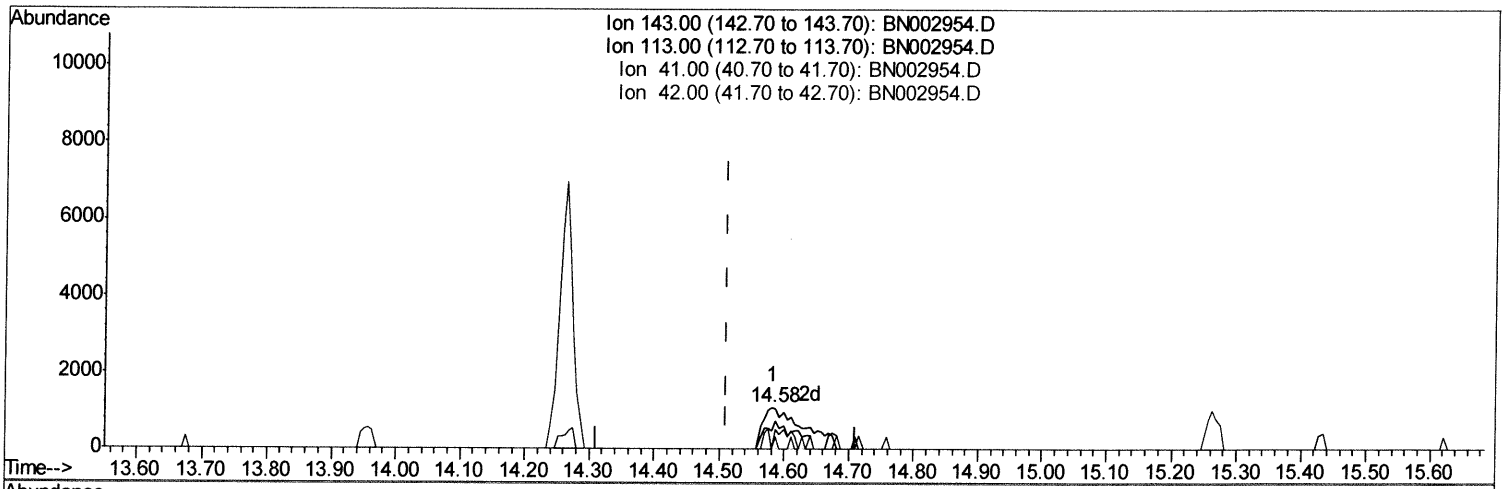


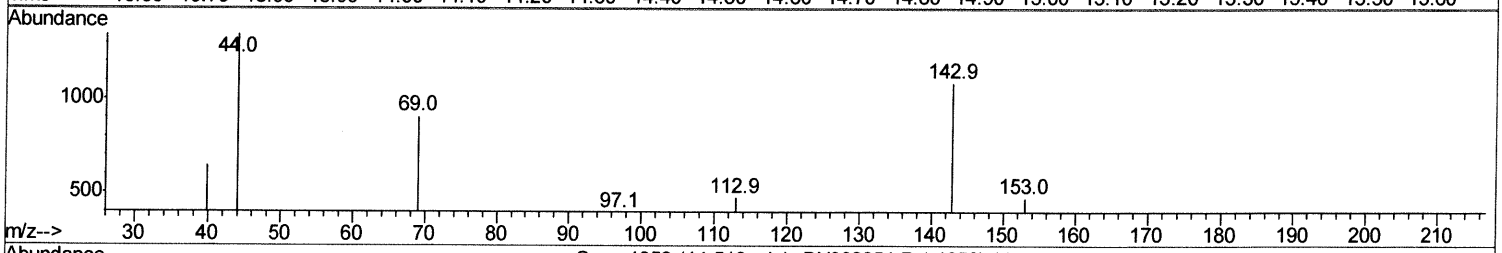


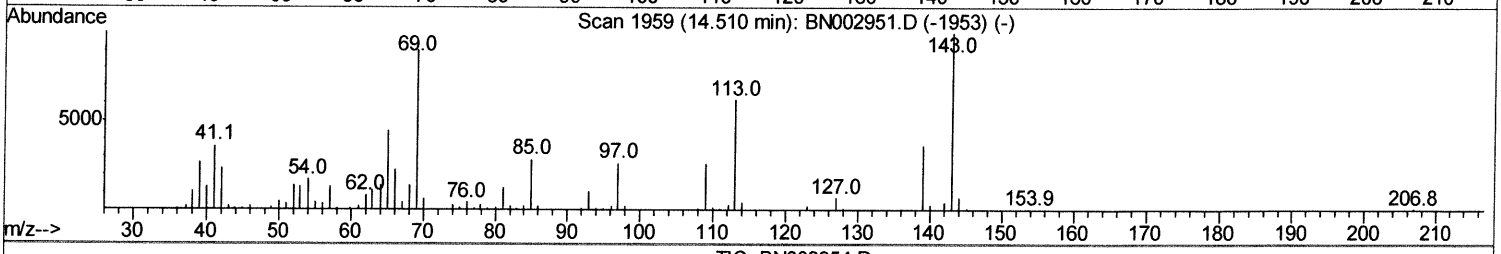


TIC: BN002954.D

(51) 4-Nitrophenol-d4 (S)

14.581min (+0.071) 0.91ng/ul m SJ 10/10/18

response 4660

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 66.10 | 43.61# |
| 41.00 | 39.90 | 0.00# |
| 42.00 | 25.80 | 0.00# |

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**Instrument :** BNA_N
**ClientSampleId :** JLC63DL

**Manual Integrations APPROVED**
Sohil
10/5/2018 5:30:22 PM

10/5/2018 5:30:22 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 141809 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.39 | 136 | 651050 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.26 | 164 | 394759 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.02 | 188 | 889755 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.22 | 240 | 777664 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.43 | 264 | 623473 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.20 | 96 | 959 | 0.31 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.83 | 99 | 22564 | 1.87 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.98 | 67 | 13615 | 1.82 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.18 | 132 | 18935 | 1.91 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8 | 8.36 | 113 | 14481 | 1.55 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5 | 8.79 | 128 | 9450 | 1.87 | ng/ul | 0.02 |
| 22) 2-Nitrophenol-d4 | 9.50 | 143 | 10153 | 1.78 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.07 | 165 | 19629m | 1.91 | ng/ul | 0.04 |
| 29) 4-Chloroaniline-d4 | 10.57 | 131 | 17701 | 1.48 | ng/ul | 0.03 |
| 43) Dimethylphthalate-d6 | 13.68 | 166 | 70298 | 2.28 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.96 | 160 | 86101 | 2.13 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.58 | 143 | 4660m | 0.91 | ng/ul | 0.07 |
| 57) Fluorene-d10 | 15.26 | 176 | 68370 | 2.53 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 1321 | 0.24 | ng/ul | 0.02 |
| 70) Anthracene-d10 | 17.12 | 188 | 101304 | 2.38 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.42 | 212 | 109370 | 2.67 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.29 | 264 | 80926 | 2.47 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 69) Phenanthrene | 17.06 | 178 | 188909 | 3.853 | ng/ul | 98 |
| 76) Fluoranthene | 19.09 | 202 | 353579 | 6.761 | ng/ul | 98 |
| 79) Pyrene | 19.45 | 202 | 314672 | 6.120 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.20 | 228 | 138746 | 2.868 | ng/ul | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 2124489 | 68.395 | ng/ul | 99 |
| 84) Chrysene | 21.26 | 228 | 151045 | 3.331 | ng/ul | 97 |
| 87) Benzo(b)fluoranthene | 22.77 | 252 | 169047 | 4.440 | ng/ul | 96 |
| 88) Benzo(k)fluoranthene | 22.82 | 252 | 49442 | 1.392 | ng/ul | 98 |
| 90) Benzo(a)pyrene | 23.33 | 252 | 111026 | 3.084 | ng/ul | 97 |
| 91) Indeno(1,2,3-cd)pyrene | 25.63 | 276 | 72639 | 1.704 | ng/ul | 94 |
| 93) Benzo(g,h,i)perylene | 26.30 | 276 | 73272 | 2.057 | ng/ul | 93 |

SJ 10/10/18

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