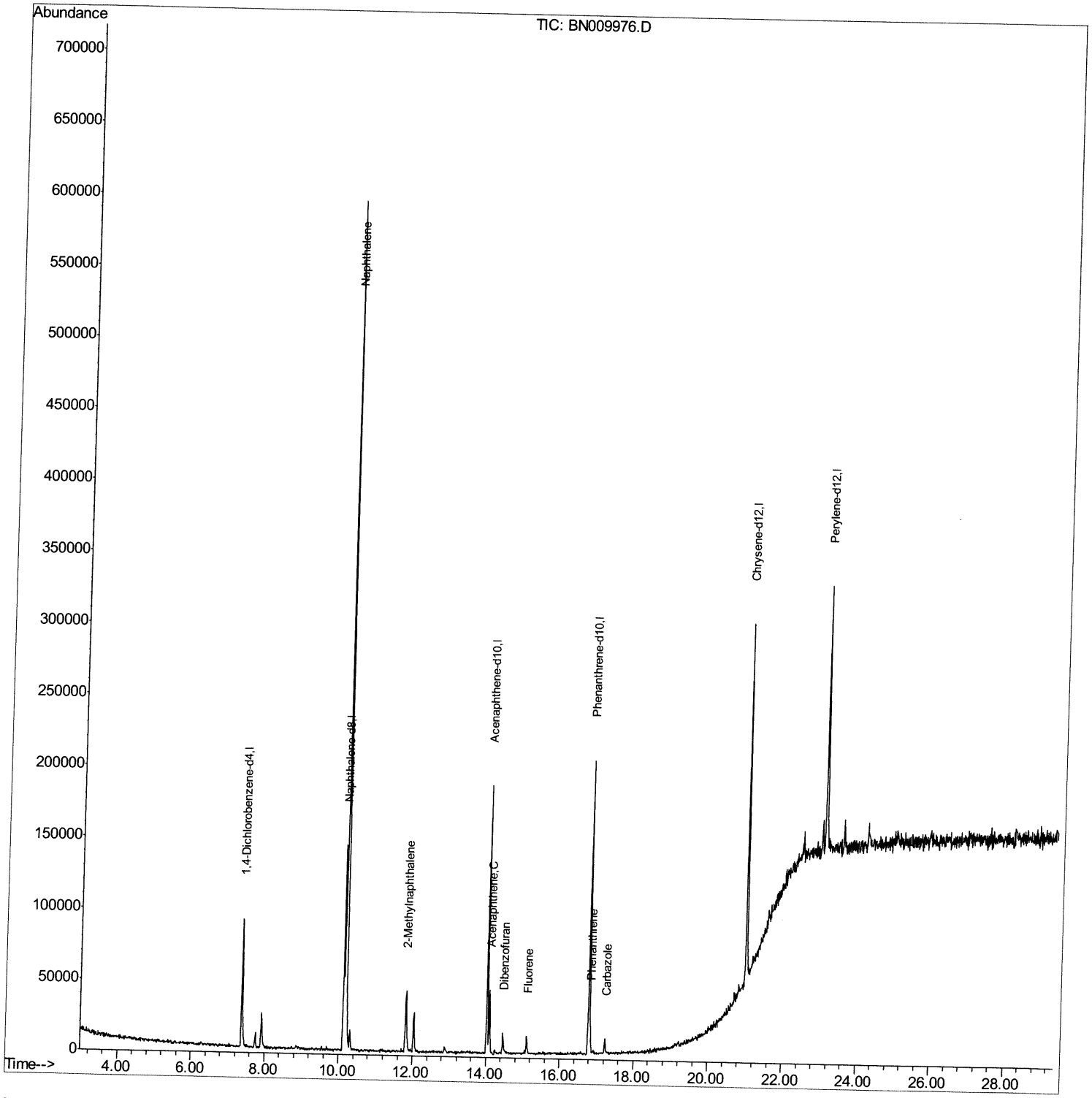
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009976.D
Acq On : 27 Feb 2020 22:29
Operator : CG/JU
Sample : L1582-07DL3 300X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Feb 28 03:30:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
DBDJ9DL3

**Manual Integrations APPROVED**
mohammad
2/28/2020 2:39:19 PM



# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009976.D
Acq On : 27 Feb 2020 22:29
Operator : CG/JU
Sample : L1582-07DL3 300X
Misc :
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Feb 28 01:16:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

**Instrument :**
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**ClientSampleId :**
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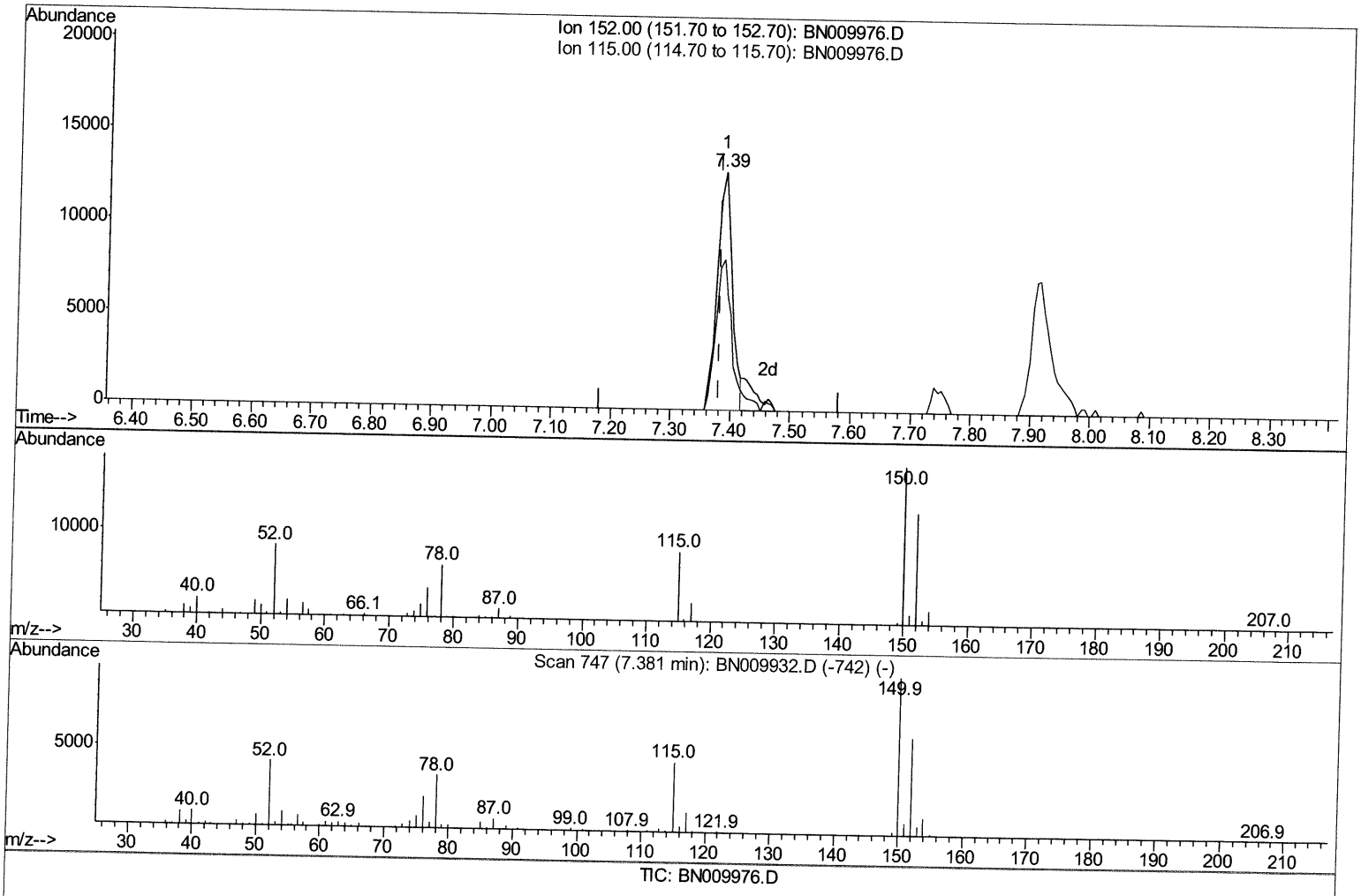
2/28/2020 2:39:19 PM




TIC: BN009976.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.387min (+0.006) 20.00ng/ul

response 22649

| Ion | Exp% | Act% |
|---|---|---|
| 152.00 | 100 | 100 |
| 115.00 | 65.80 | 63.33 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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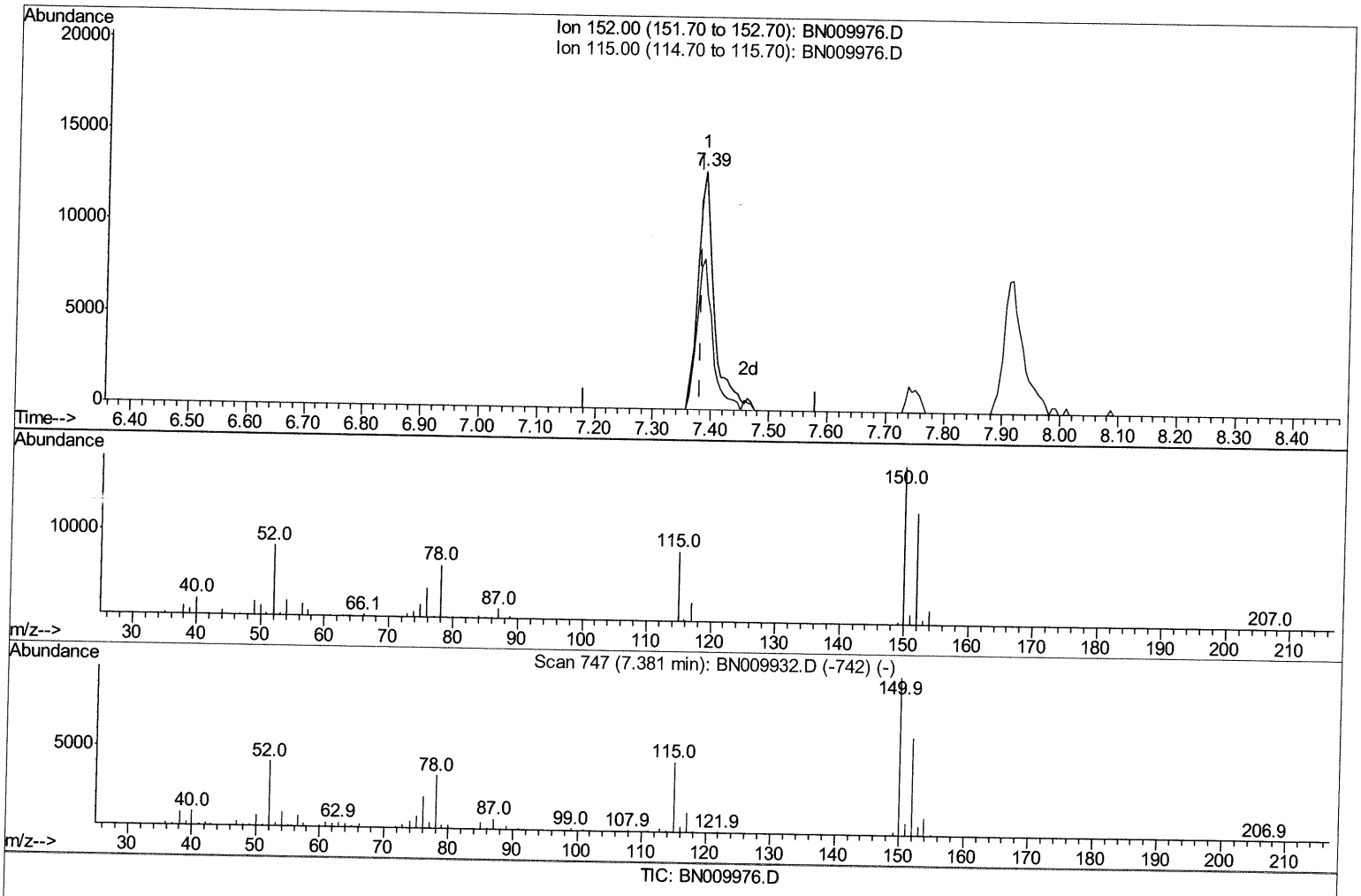
2/28/2020 2:39:19 PM




TIC: BN009976.D

(1) 1,4-Dichlorobenzene-d4 (I)

7.387min (+0.006) 20.00ng/ul m Ju 02/29/20

response 25679

| Ion | Exp% | Act% |
|---|---|---|
| 152.00 | 100 | 100 |
| 115.00 | 65.80 | 63.33 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Misc :
ALS Vial : 57 Sample Multiplier: 1

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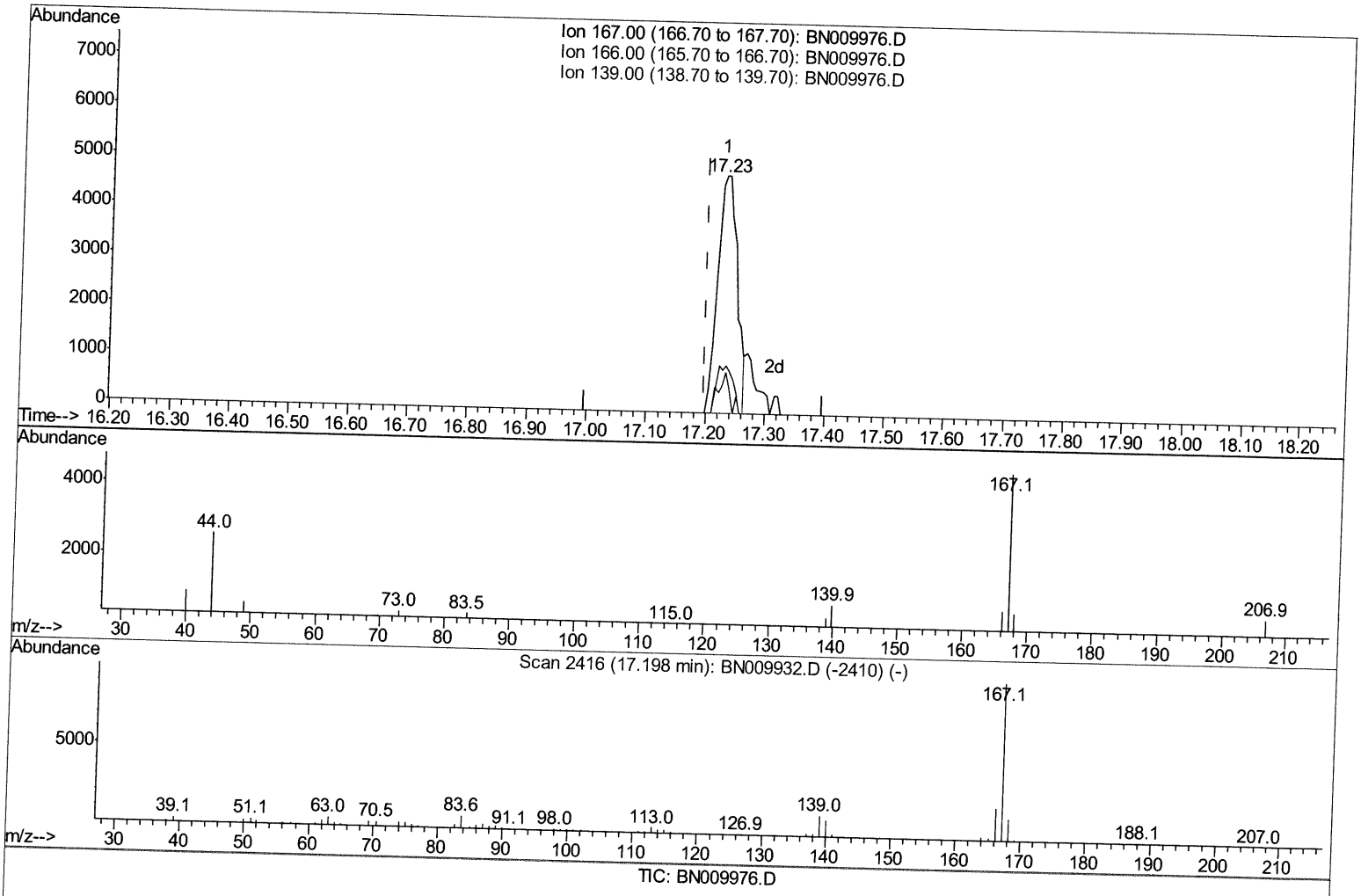
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
DBDJ9DL3

**Manual Integrations APPROVED**
mohammad
2/28/2020 2:39:19 PM




(75) Carbazole

17.227min (+0.029) 1.47ng/ul

response 10920

| Ion | Exp% | Act% |
|---|---|---|
| 167.00 | 100 | 100 |
| 166.00 | 20.70 | 18.17 |
| 139.00 | 12.40 | 11.74 |
| 0.00 | 0.00 | 0.00 |

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BNA_N
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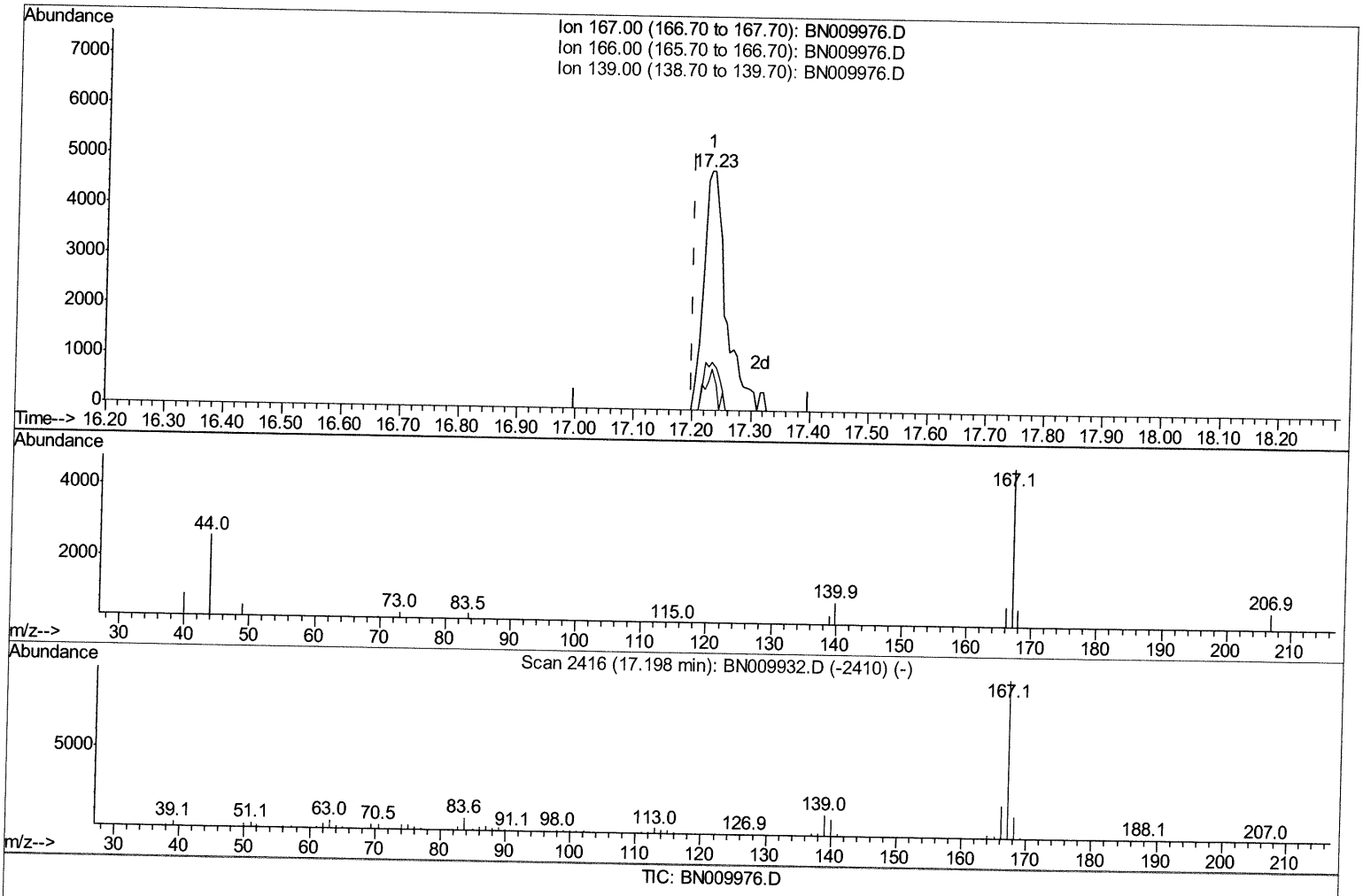
DBDJ9DL3

**Manual Integrations APPROVED**
mohammad
2/28/2020 2:39:19 PM




(75) Carbazole

17.227min (+0.029) 1.69ng/ul m JU 02/29/20

response 12590

| Ion | Exp% | Act% |
|---|---|---|
| 167.00 | 100 | 100 |
| 166.00 | 20.70 | 18.17 |
| 139.00 | 12.40 | 11.74 |
| 0.00 | 0.00 | 0.00 |

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Manual Integrations APPROVED
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 25679m | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.13 | 136 | 110067 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.02 | 164 | 68544 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.79 | 188 | 144731 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.00 | 240 | 128525 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.10 | 264 | 134721 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0 | 0.00 | ng/uL | |
| 5) Phenol-d5 | 0.00 | 99 | 0 | 0.00 | ng/ul | |
| 7) Bis-(2-Chloroethyl)ether-d | 0.00 | 67 | 0 | 0.00 | ng/ul | |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0 | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 0.00 | 113 | 0 | 0.00 | ng/ul | |
| 19) Nitrobenzene-d5 | 0.00 | 128 | 0 | 0.00 | ng/ul | |
| 22) 2-Nitrophenol-d4 | 0.00 | 143 | 0 | 0.00 | ng/ul | |
| 26) 2,4-Dichlorophenol-d3 | 0.00 | 165 | 0 | 0.00 | ng/ul | |
| 29) 4-Chloroaniline-d4 | 0.00 | 131 | 0 | 0.00 | ng/ul | |
| 44) Dimethylphthalate-d6 | 0.00 | 166 | 0d | 0.00 | ng/ul | |
| 47) Acenaphthylene-d8 | 0.00 | 160 | 0d | 0.00 | ng/ul | |
| 52) 4-Nitrophenol-d4 | 0.00 | 143 | 0 | 0.00 | ng/ul | |
| 58) Fluorene-d10 | 0.00 | 176 | 0d | 0.00 | ng/ul | |
| 63) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0 | 0.00 | ng/ul | |
| 71) Anthracene-d10 | 0.00 | 188 | 0d | 0.00 | ng/ul | |
| 79) Pyrene-d10 | 0.00 | 212 | 0d | 0.00 | ng/ul | |
| 90) Benzo(a)pyrene-d12 | 0.00 | 264 | 0d | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.17 | 128 | 448896 | 75.630 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 11.83 | 142 | 33065 | 8.023 | ng/ul# | 77 |
| 50) Acenaphthene | 14.09 | 153 | 20083 | 4.489 | ng/ul# | 81 |
| 54) Dibenzofuran | 14.46 | 168 | 13940 | 2.220 | ng/ul | 87 |
| 59) Fluorene | 15.11 | 166 | 7394 | 1.403 | ng/ul# | 97 |
| 70) Phenanthrene | 16.83 | 178 | 9523 | 1.153 | ng/ul# | 91 |
| 75) Carbazole | 17.23 | 167 | 12590m | 1.693 | ng/ul | |

JU 02/29/20

JU 02/29/20

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