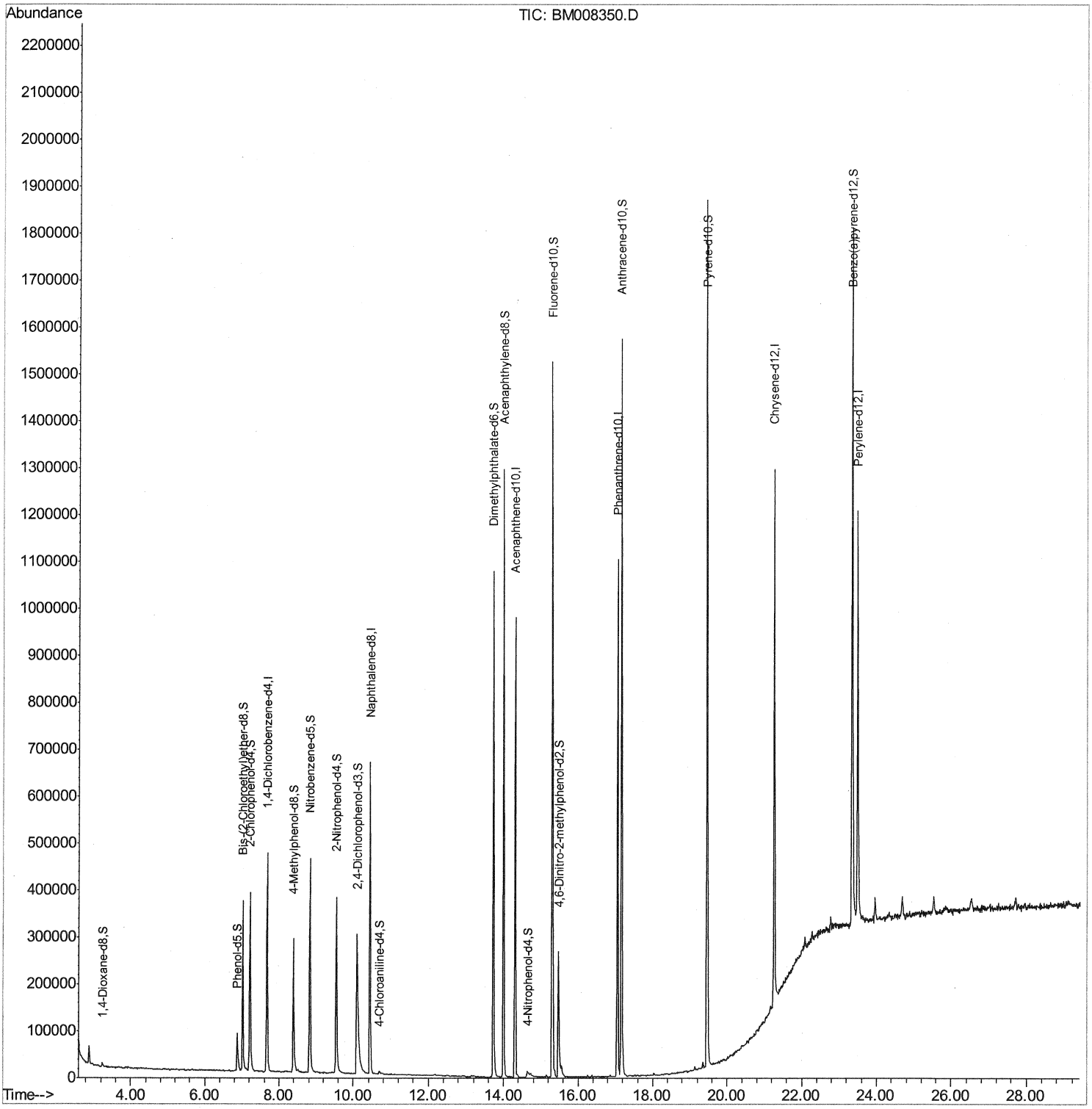
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008350.D
Acq On : 15 Dec 2016 19:25
Operator : UM/SJ
Sample : H6039-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 16 03:06:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12141
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 02:33:30 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DA8T5

**Manual Integrations APPROVED**
sohil
12/16/2016 6:21:01 PM

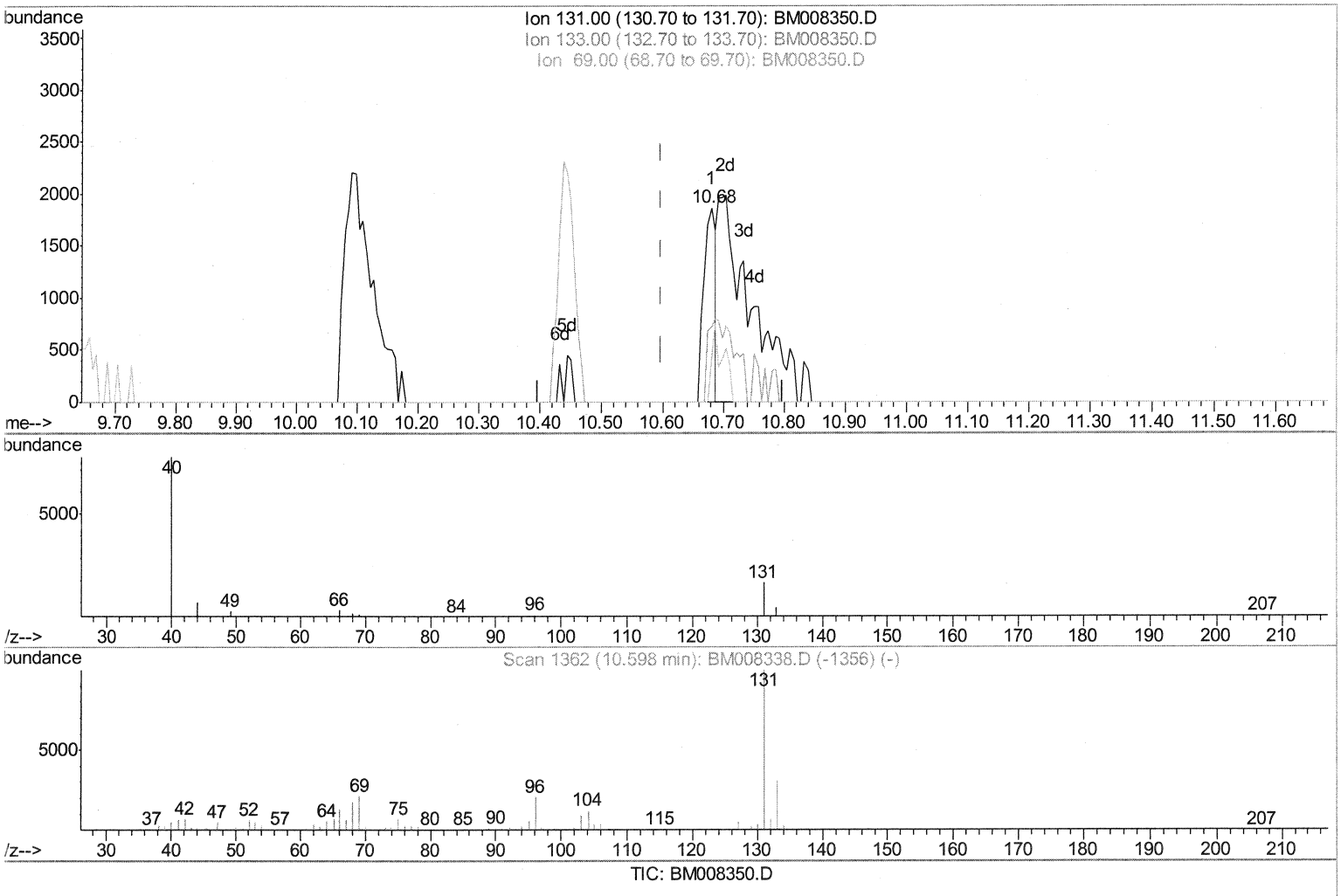


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008350.D
Acq On : 15 Dec 2016 19:25
Operator : UM/SJ
Sample : H6039-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 16 02:37:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 02:33:30 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DA8T5

**Manual Integrations APPROVED**
sohil
12/16/2016 6:21:01 PM




TIC: BM008350.D

(29) 4-Chloroaniline-d4 (S)

10.681min (+0.082) 0.28ng/ul

response 2554

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100 | 100 |
| 133.00 | 34.20 | 38.86 |
| 69.00 | 21.70 | 24.21 |
| 0.00 | 0.00 | 0.00 |

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 16 02:37:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
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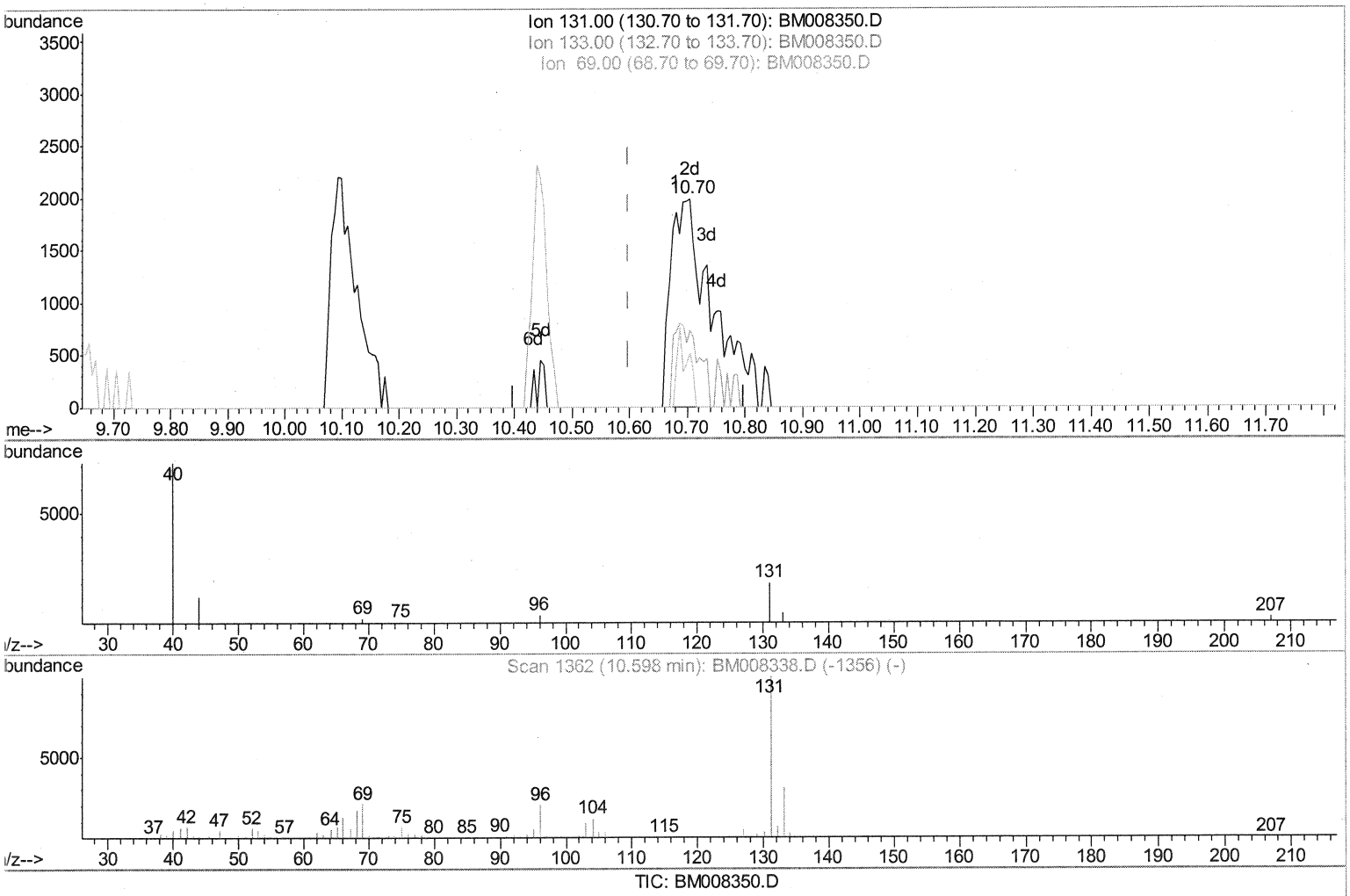
**Instrument :**
BNA_M
**ClientSampleId :**
DA8T5

**Manual Integrations APPROVED**
sohil
12/16/2016 6:21:01 PM




TIC: BM008350.D

(29) 4-Chloroaniline-d4 (S)

10.704min (+0.106) 1.09ng/ul m SJ 12/20/20

response 9939

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100 | 100 |
| 133.00 | 34.20 | 36.85 |
| 69.00 | 21.70 | 25.84 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
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Operator : UM/SJ
Sample : H6039-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 16 02:37:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM1214
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 02:33:30 2016
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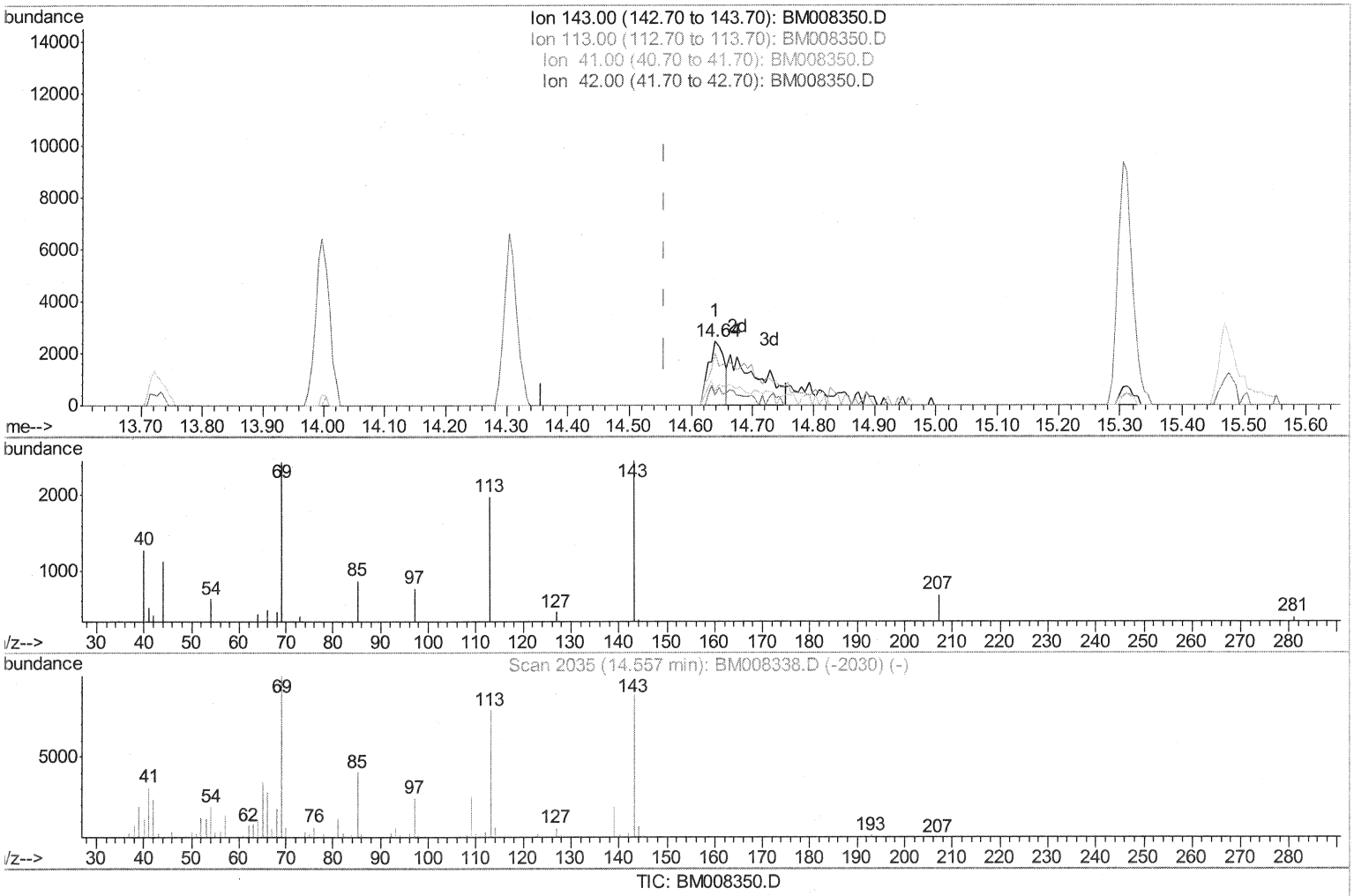
**Instrument :**
BNA_M
**ClientSampleId :**
DA8T5

**Manual Integrations APPROVED**
sohil
12/16/2016 6:21:01 PM




TIC: BM008350.D

(51) 4-Nitrophenol-d4 (S)

14.639min (+0.082) 1.29ng/ul

response 4379

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 101.20 | 80.66# |
| 41.00 | 39.40 | 20.97# |
| 42.00 | 27.40 | 16.41# |

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Quant Time: Dec 16 02:37:53 2016
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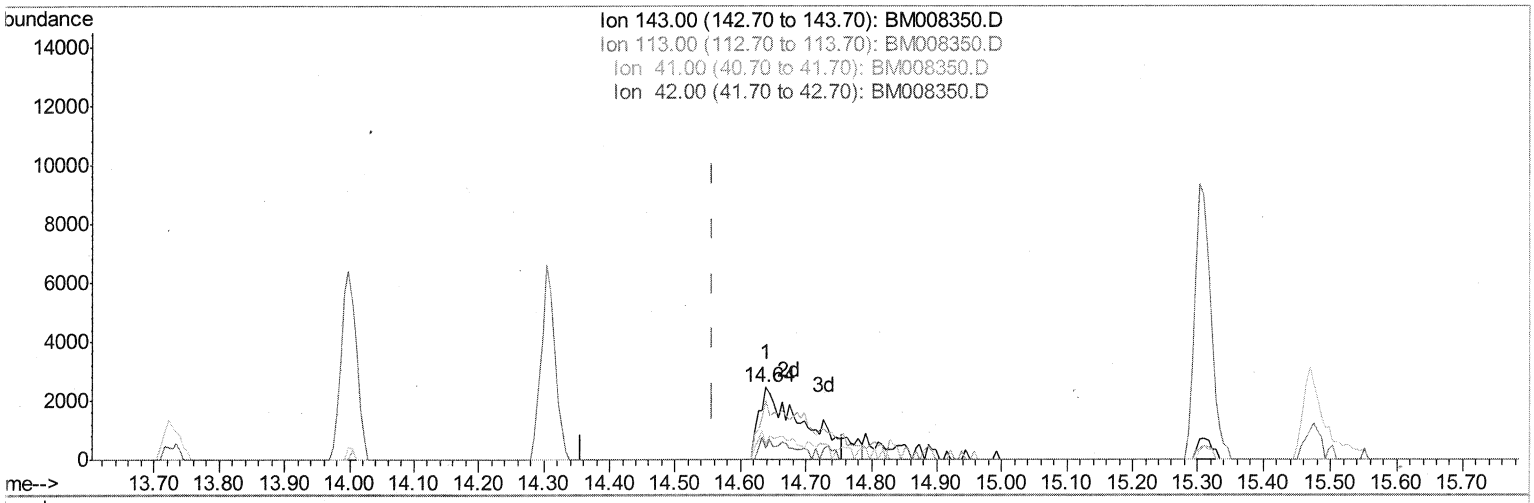
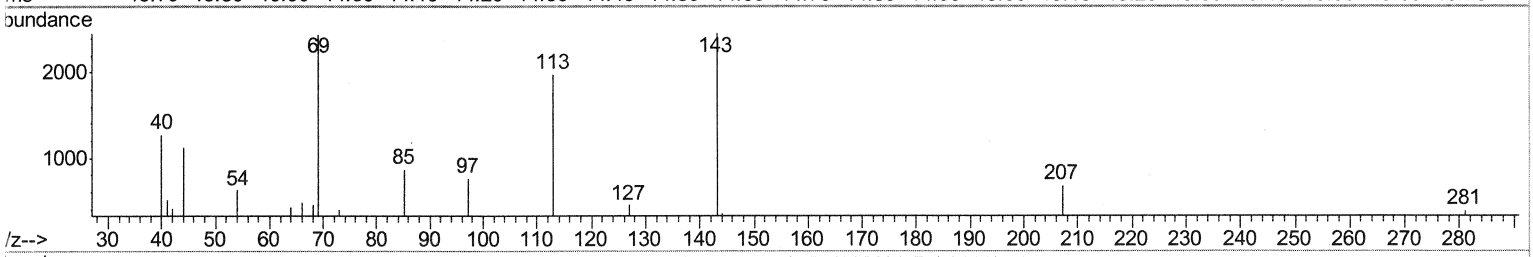
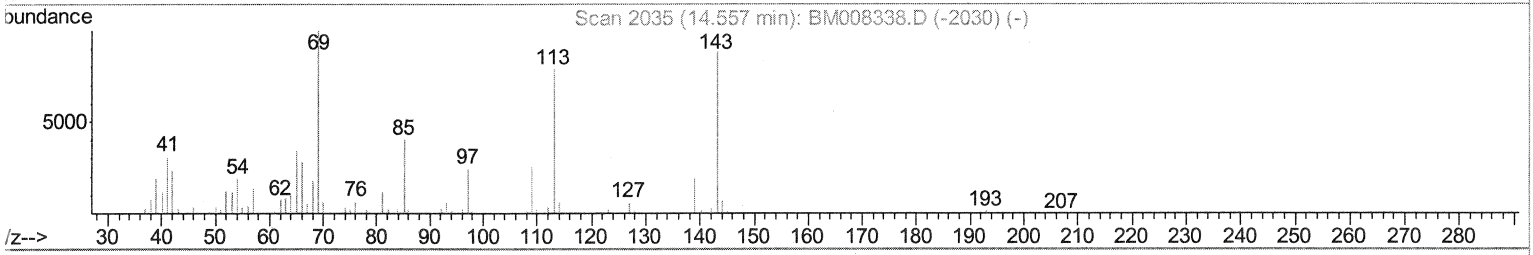
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 02:33:30 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DA8T5

**Manual Integrations APPROVED**
sohil
12/16/2016 6:21:01 PM




TIC: BM008350.D

(51) 4-Nitrophenol-d4 (S)

14.639min (+0.082) 3.64ng/ul m SJ 12/20/16

response 12347

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 101.20 | 80.66# |
| 41.00 | 39.40 | 20.97# |
| 42.00 | 27.40 | 16.41# |

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 02:33:30 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DA8T5

**Manual Integrations APPROVED**
sohil
12/16/2016 6:21:01 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 132397 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.44 | 136 | 541417 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.31 | 164 | 345934 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.06 | 188 | 625496 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.26 | 240 | 697360 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.49 | 264 | 717609 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.24 | 96 | 4055 | 1.44 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.87 | 99 | 72315 | 7.04 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.01 | 67 | 174602 | 29.58 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.20 | 132 | 189025 | 24.46 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.39 | 113 | 127082 | 15.97 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.83 | 128 | 113581 | 29.03 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.55 | 143 | 128078 | 29.54 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.09 | 165 | 203911 | 25.66 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.70 | 131 | 9939m | 1.09 | ng/ul | 0.11 |
| 43) Dimethylphthalate-d6 | 13.73 | 166 | 768896 | 33.44 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.00 | 160 | 921126 | 33.89 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.64 | 143 | 12347m | 3.64 | ng/ul | 0.08 |
| 57) Fluorene-d10 | 15.31 | 176 | 653569 | 32.70 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 88066 | 23.65 | ng/ul | 0.01 |
| 70) Anthracene-d10 | 17.16 | 188 | 990853 | 36.36 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.46 | 212 | 1095252 | 40.67 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.34 | 264 | 1076787 | 35.73 | ng/ul | 0.00 |

SJ 12/20/16

SJ 12/20/16

Target Compounds Qvalue

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