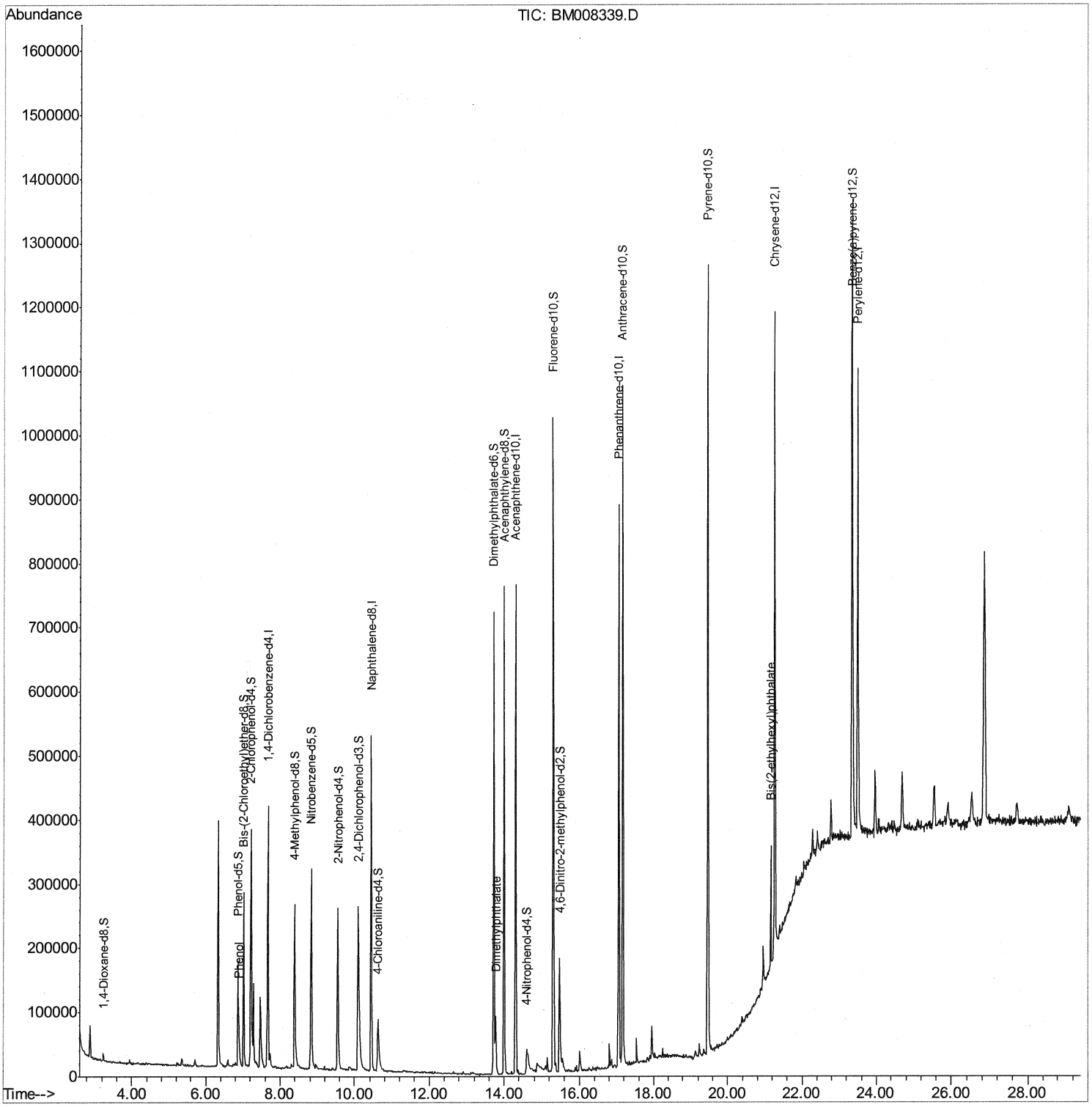
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008339.D
Acq On : 15 Dec 2016 12:46
Operator : UM/SJ
Sample : H5996-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 02:41:13 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 :**
DA879

**Manual Integrations APPROVED**
sohil
12/16/2016 6:19:55 PM



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Quant Time: Dec 16 02:36:19 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 :**
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**ClientSampleId :**
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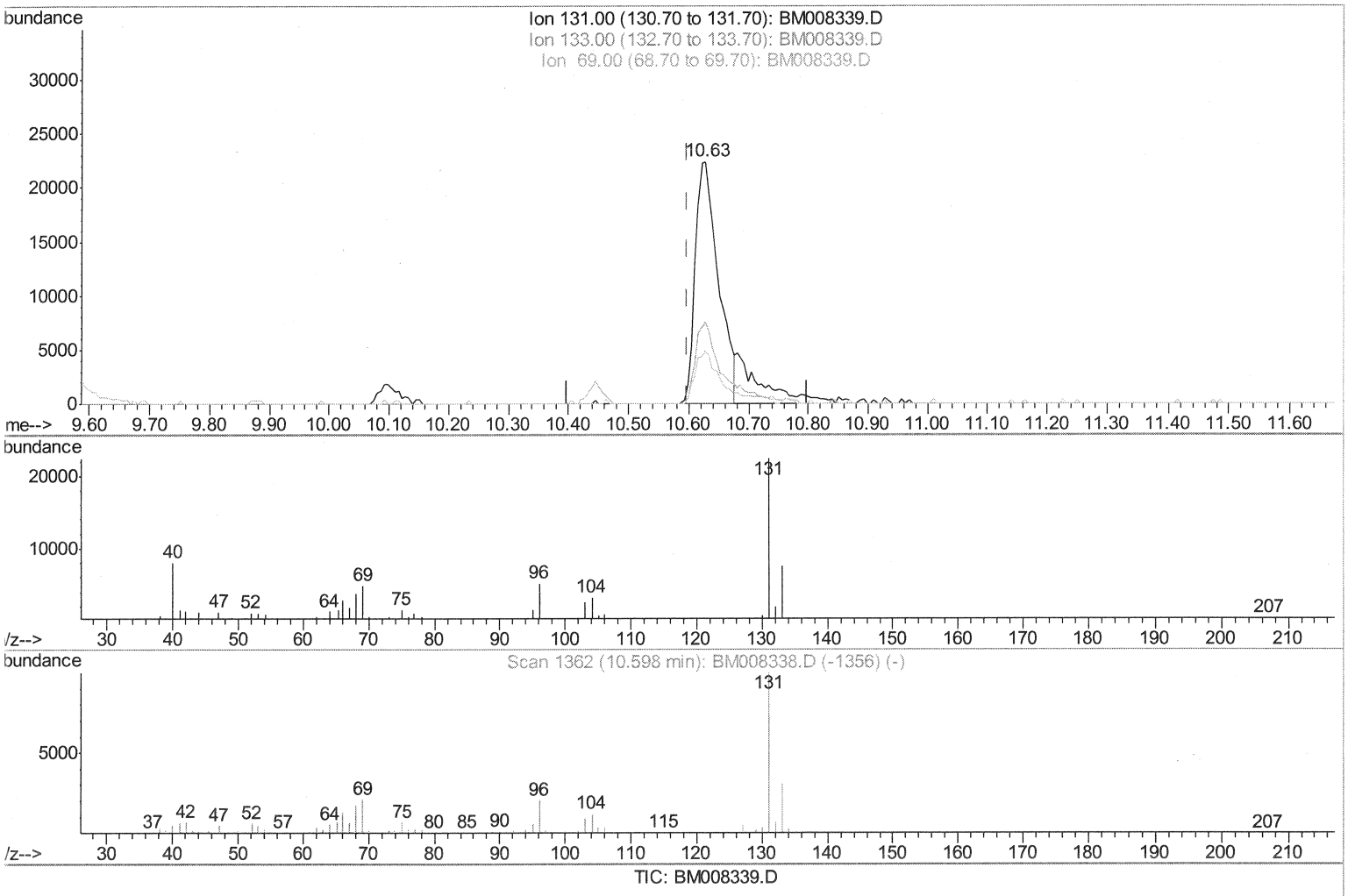
12/16/2016 6:19:55 PM










TIC: BM008339.D

(29) 4-Chloroaniline-d4 (S)

10.628min (+0.029) 8.38ng/ul

response 59589

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100 | 100 |
| 133.00 | 34.20 | 33.82 |
| 69.00 | 21.70 | 21.88 |
| 0.00 | 0.00 | 0.00 |

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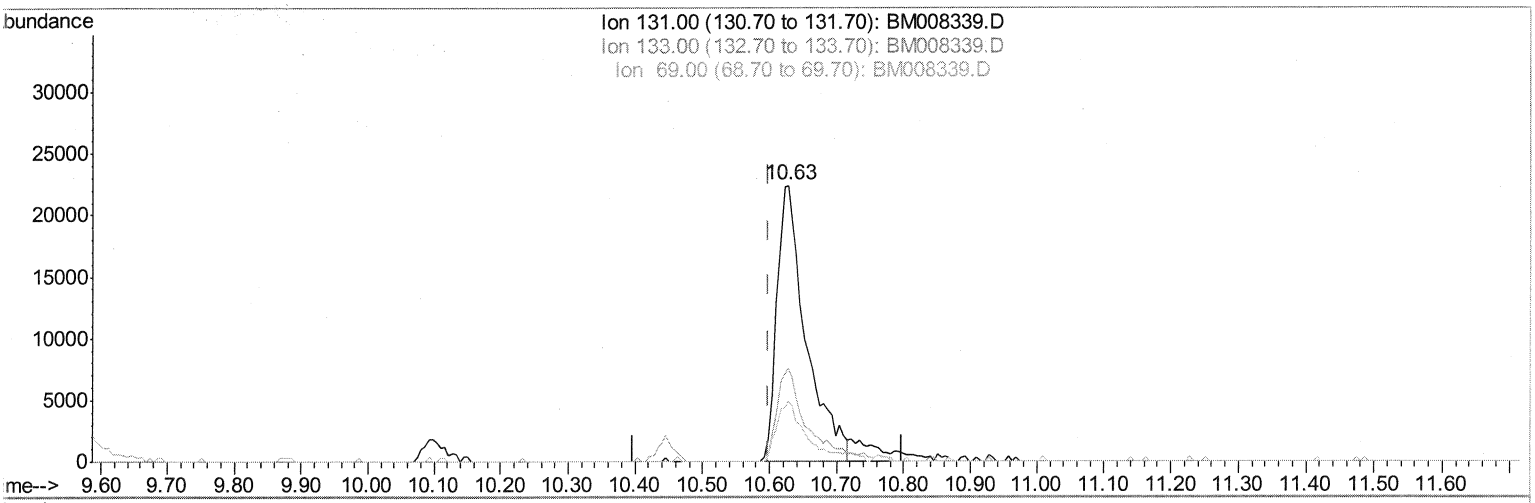
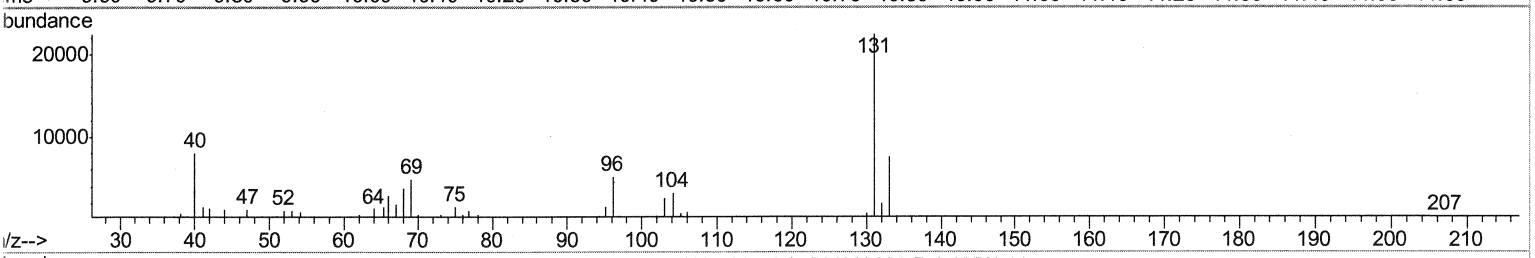
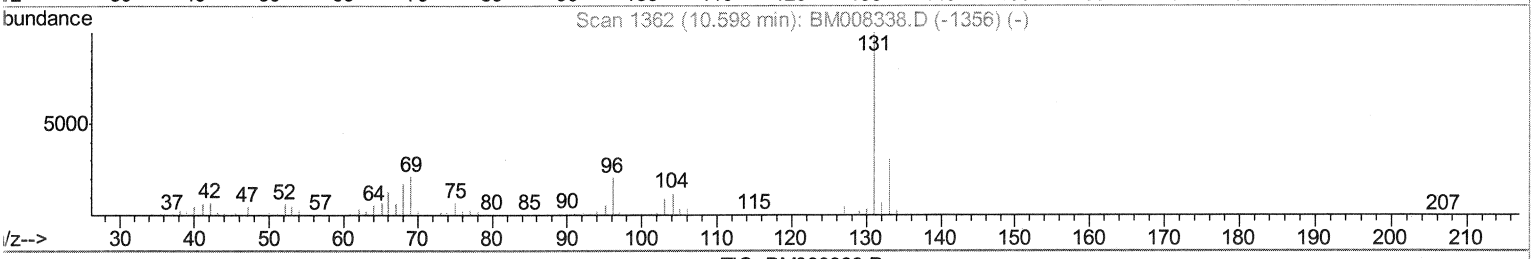
**Instrument :**
BNA_M
**ClientSampleId :**
DA879

**Manual Integrations APPROVED**
sohil
12/16/2016 6:19:55 PM




TIC: BM008339.D

(29) 4-Chloroaniline-d4 (S)

10.628min (+0.029) 9.46ng/ul m SJ 12/20/16

response 67208

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100 | 100 |
| 133.00 | 34.20 | 33.82 |
| 69.00 | 21.70 | 21.88 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
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Misc :
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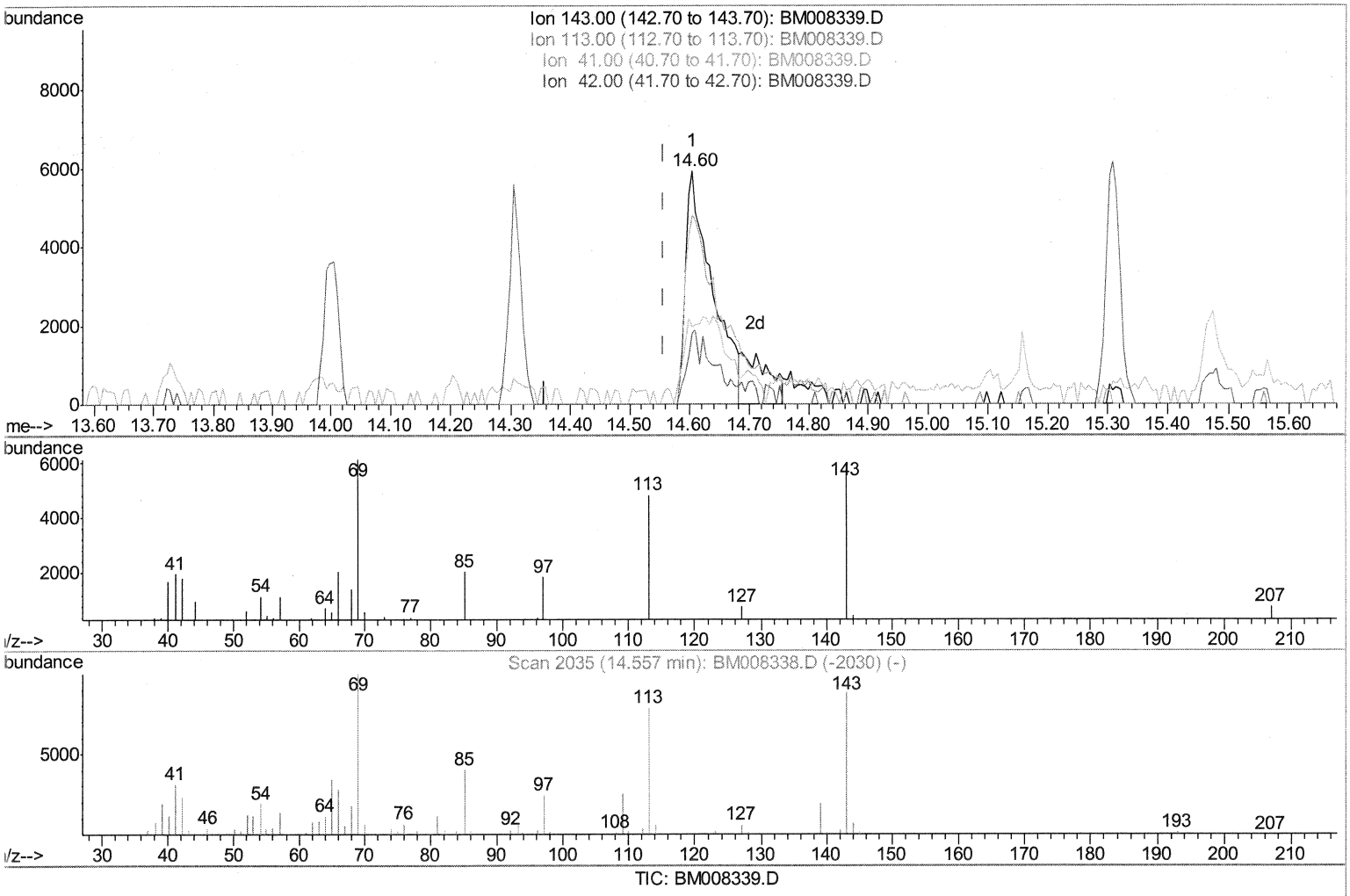
**Instrument :**
BNA_M
**ClientSampleId :**
DA879

**Manual Integrations APPROVED**
sohil
12/16/2016 6:19:55 PM










TIC: BM008339.D

(51) 4-Nitrophenol-d4 (S)

14.604min (+0.047) 6.93ng/ul

response 18296

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 101.20 | 81.08 |
| 41.00 | 39.40 | 33.14 |
| 42.00 | 27.40 | 30.34 |

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
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Acq On : 15 Dec 2016 12:46
Operator : UM/SJ
Sample : H5996-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 02:36:19 2016
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Quant Title : SVOA CALIBRATION
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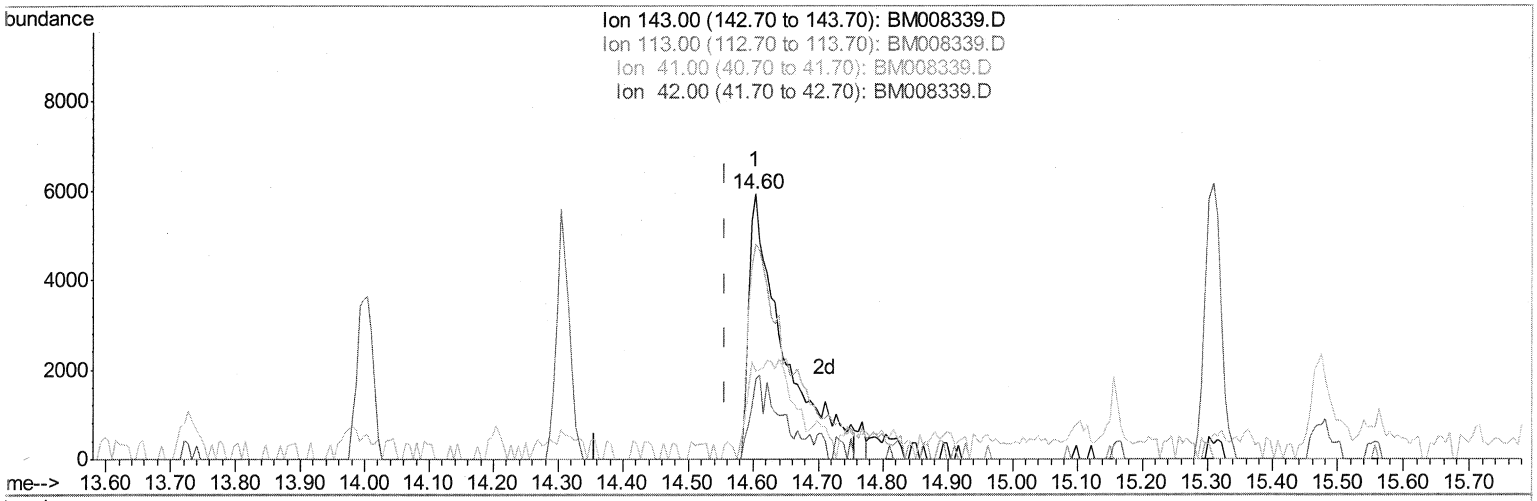
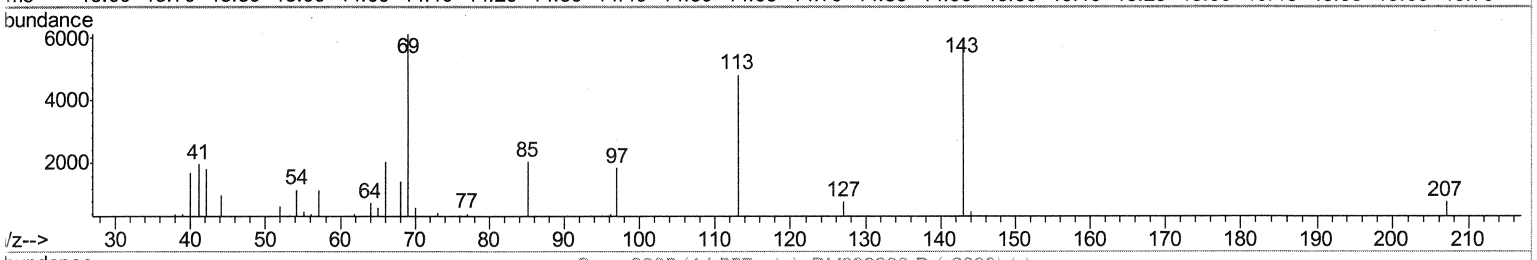
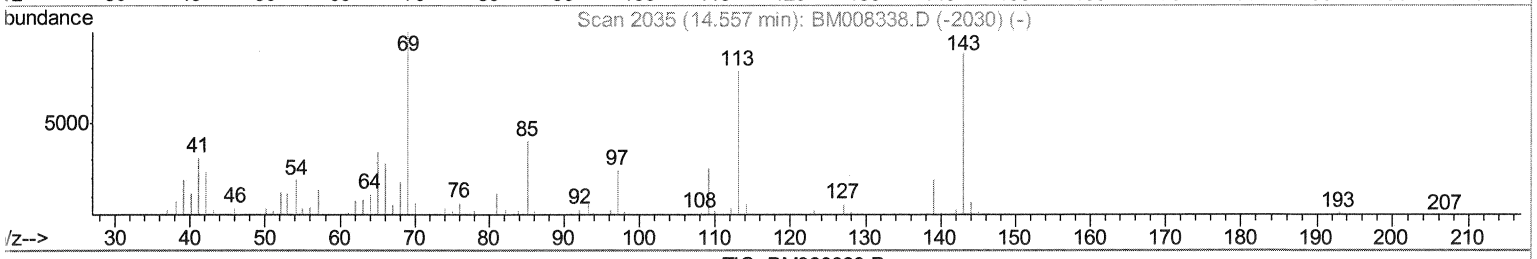
**Instrument :**
BNA_M
**ClientSampleId :**
DA879

**Manual Integrations APPROVED**
sohil
12/16/2016 6:19:55 PM




TIC: BM008339.D

(51) 4-Nitrophenol-d4 (S)

14.604min (+0.047) 8.79ng/ul m SJ 12/20/16

response 23198

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 101.20 | 81.08 |
| 41.00 | 39.40 | 33.14 |
| 42.00 | 27.40 | 30.34 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008339.D
Acq On : 15 Dec 2016 12:46
Operator : UM/SJ
Sample : H5996-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 02:41:13 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 :** DA879

**Manual Integrations APPROVED**
sohil
12/16/2016 6:19:55 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) | |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 108322 | 20.00 | ng/ul | 0.00 | |
| 18) Naphthalene-d8 | 10.45 | 136 | 422447 | 20.00 | ng/ul | 0.00 | |
| 35) Acenaphthene-d10 | 14.31 | 164 | 269597 | 20.00 | ng/ul | 0.00 | |
| 61) Phenanthrene-d10 | 17.06 | 188 | 499864 | 20.00 | ng/ul | 0.00 | |
| 75) Chrysene-d12 | 21.26 | 240 | 587583 | 20.00 | ng/ul | 0.00 | |
| 83) Perylene-d12 | 23.50 | 264 | 601228 | 20.00 | ng/ul | 0.00 | |
| **System Monitoring Compounds** | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.24 | 96 | 7296 | 3.17 | ng/uL | 0.00 | |
| 5) Phenol-d5 | 6.86 | 99 | 115245 | 13.72 | ng/ul | 0.00 | |
| 7) Bis-(2-Chloroethyl)ether-d | 7.02 | 67 | 129517 | 26.81 | ng/ul | 0.00 | |
| 9) 2-Chlorophenol-d4 | 7.21 | 132 | 145526 | 23.02 | ng/ul | 0.00 | |
| 13) 4-Methylphenol-d8 | 8.39 | 113 | 118880 | 18.26 | ng/ul | 0.00 | |
| 19) Nitrobenzene-d5 | 8.83 | 128 | 80107 | 26.24 | ng/ul | 0.00 | |
| 22) 2-Nitrophenol-d4 | 9.55 | 143 | 87268 | 25.80 | ng/ul | 0.00 | |
| 26) 2,4-Dichlorophenol-d3 | 10.09 | 165 | 149111 | 24.05 | ng/ul | 0.01 | |
| 29) 4-Chloroaniline-d4 | 10.63 | 131 | 67208m | 9.46 | ng/ul | 0.03 | SJ 12/20/16 |
| 43) Dimethylphthalate-d6 | 13.73 | 166 | 499861 | 27.89 | ng/ul | 0.00 | |
| 46) Acenaphthylene-d8 | 14.00 | 160 | 559804 | 26.43 | ng/ul | 0.00 | |
| 51) 4-Nitrophenol-d4 | 14.60 | 143 | 23198m | 8.79 | ng/ul | 0.05 | SJ 12/20/16 |
| 57) Fluorene-d10 | 15.31 | 176 | 419052 | 26.90 | ng/ul | 0.00 | |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 53979 | 18.14 | ng/ul | 0.01 | |
| 70) Anthracene-d10 | 17.16 | 188 | 621979 | 28.56 | ng/ul | 0.00 | |
| 76) Pyrene-d10 | 19.46 | 212 | 706640 | 31.14 | ng/ul | 0.00 | |
| 87) Benzo(a)pyrene-d12 | 23.35 | 264 | 690245 | 27.34 | ng/ul | 0.00 | |
| **Target Compounds** | | | | | | Qvalue | |
| 6) Phenol | 6.89 | 94 | 20221 | 2.32 | ng/ul# | 87 | |
| 44) Dimethylphthalate | 13.78 | 163 | 63503 | 3.62 | ng/ul | 97 | |
| 81) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 57824 | 3.82 | ng/ul | 99 | |

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