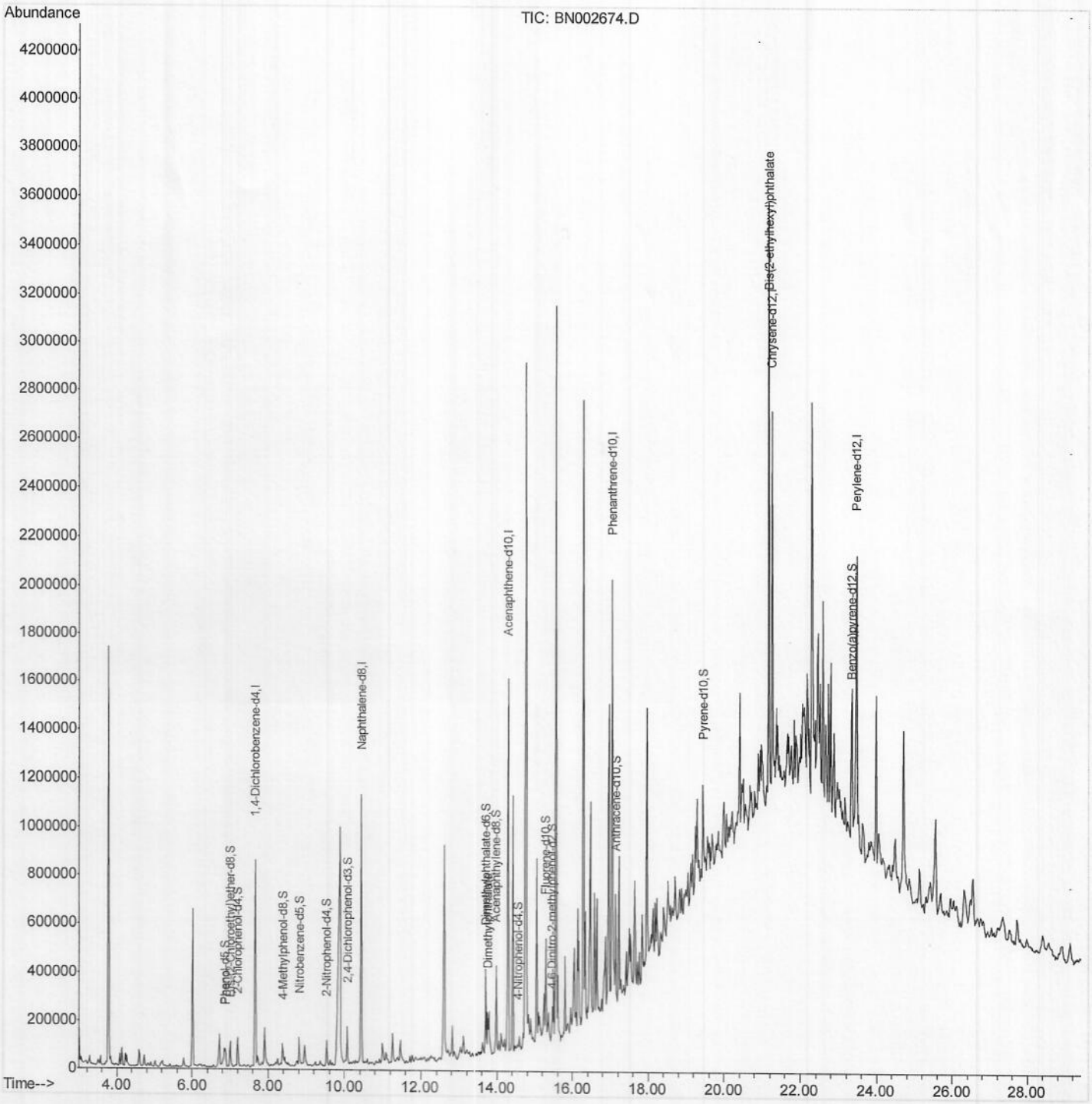
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091318\
Data File : BN002674.D
Acq On : 13 Sep 2018 14:21
Operator : JU/SJ
Sample : J4860-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 20 03:00:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A41S8

**Manual Integrations APPROVED**
Sohil
9/14/2018 5:15:44 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091318\
Data File : BN002674.D
Acq On : 13 Sep 2018 14:21
Operator : JU/SJ
Sample : J4860-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 13 16:53:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

**Instrument :**
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**ClientSampleId :**
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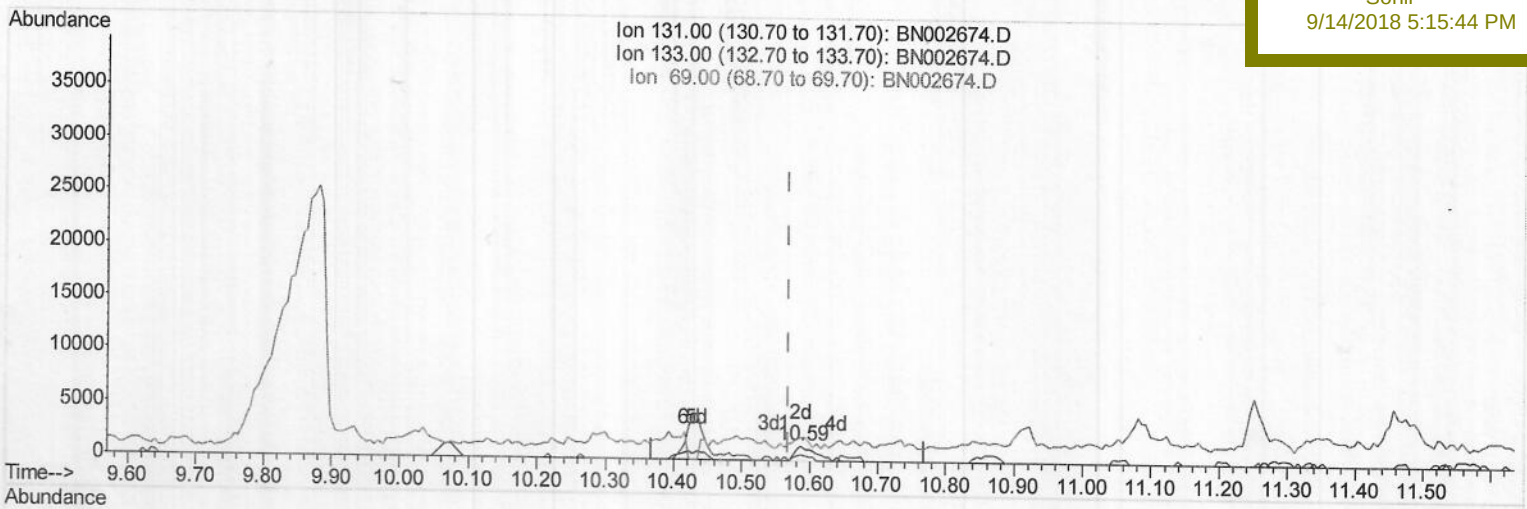
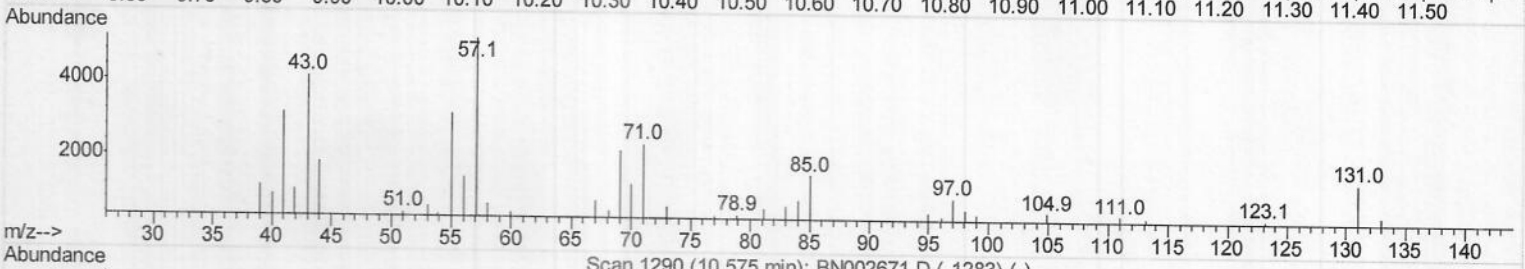
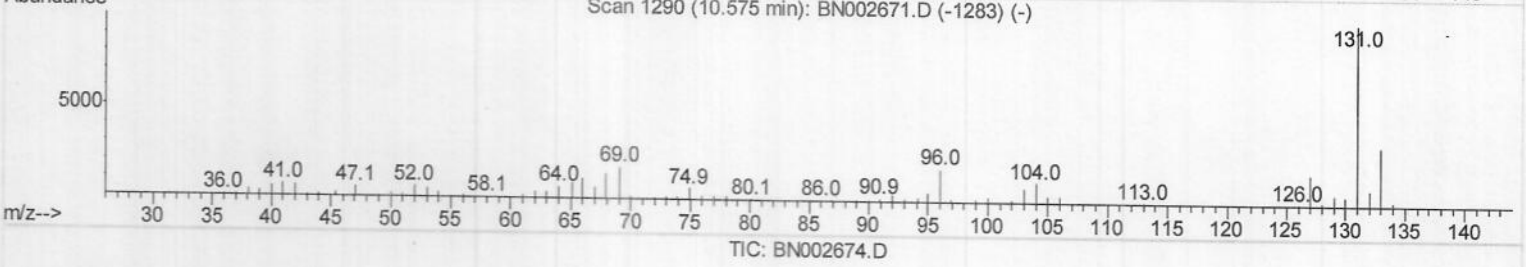
**Manual Integrations APPROVED**
Sohil
9/14/2018 5:15:44 PM




TIC: BN002674.D

(29) 4-Chloroaniline-d4 (S)

10.587min (+0.018) 0.19ng/ul m

response 2822

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100 | 100 |
| 133.00 | 32.10 | 37.39 |
| 69.00 | 16.20 | 153.06# |
| 0.00 | 0.00 | 0.00 |

SJ 09/14/18

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091318\
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Quant Title : SVOA CALIBRATION
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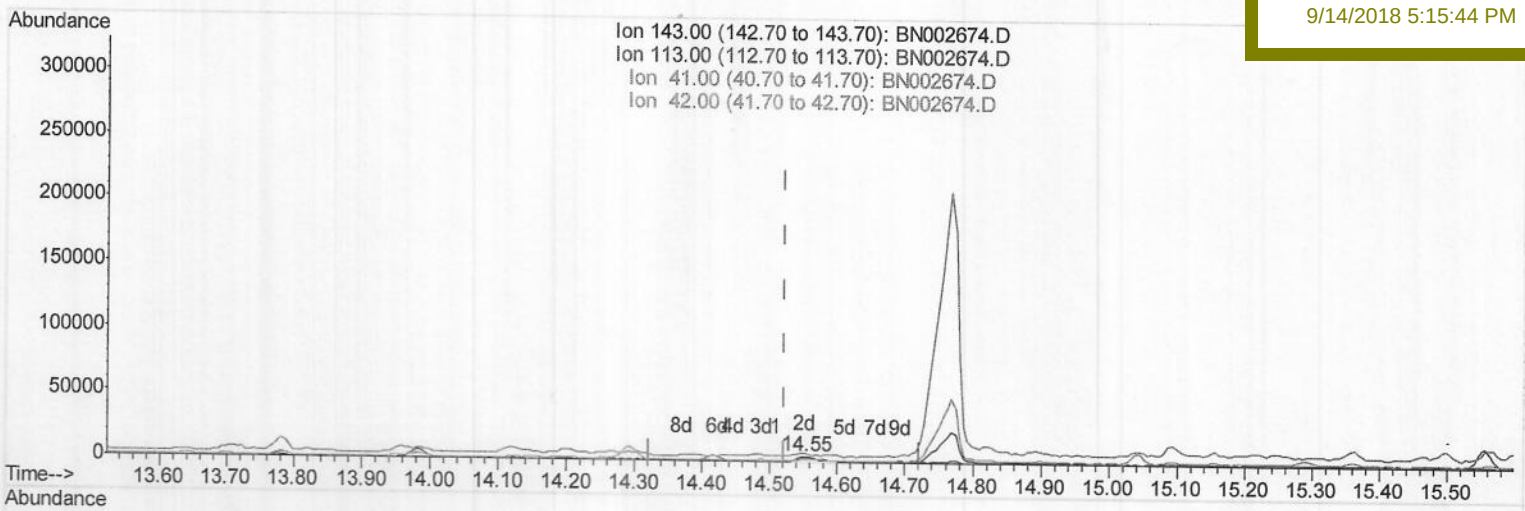
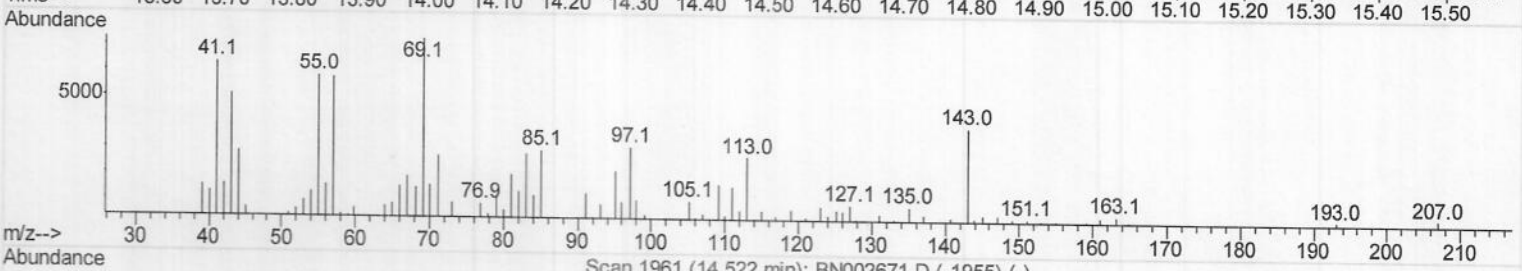
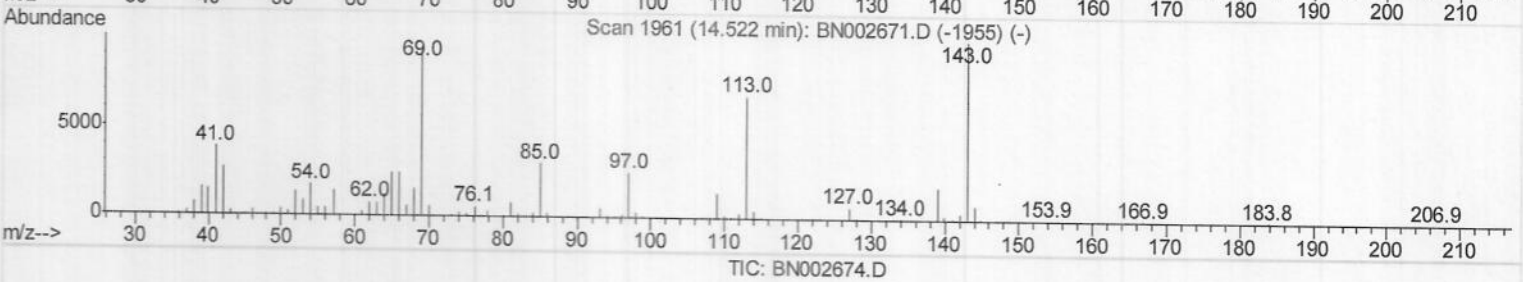
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A41S8

**Manual Integrations APPROVED**
Sohil
9/14/2018 5:15:44 PM




TIC: BN002674.D

(51) 4-Nitrophenol-d4 (S)

14.551min (+0.029) 1.26ng/ul m

response 9554

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 75.10 | 69.12 |
| 41.00 | 28.80 | 160.94# |
| 42.00 | 19.10 | 39.03# |

SJ 09/14/18

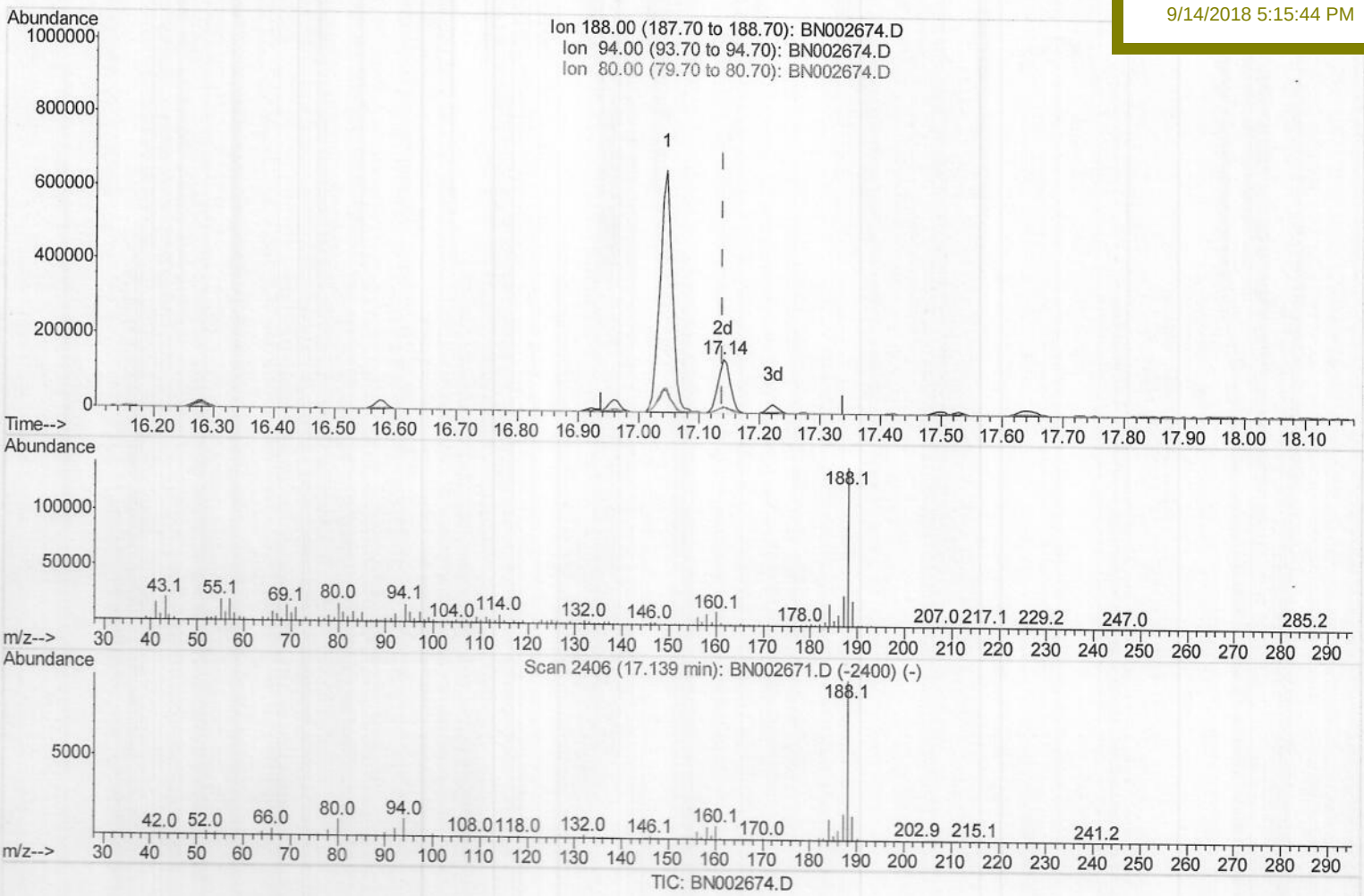
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091318\
Data File : BN002674.D
Acq On : 13 Sep 2018 14:21
Operator : JU/SJ
Sample : J4860-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 13 16:53:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A41S8

**Manual Integrations APPROVED**
Sohil
9/14/2018 5:15:44 PM




TIC: BN002674.D

(70) Anthracene-d10 (S)

17.139min (+0.000) 4.67ng/ul m

response 204333

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 10.10 | 11.39 |
| 80.00 | 9.10 | 11.47# |
| 0.00 | 0.00 | 0.00 |

SJ
09/14/18

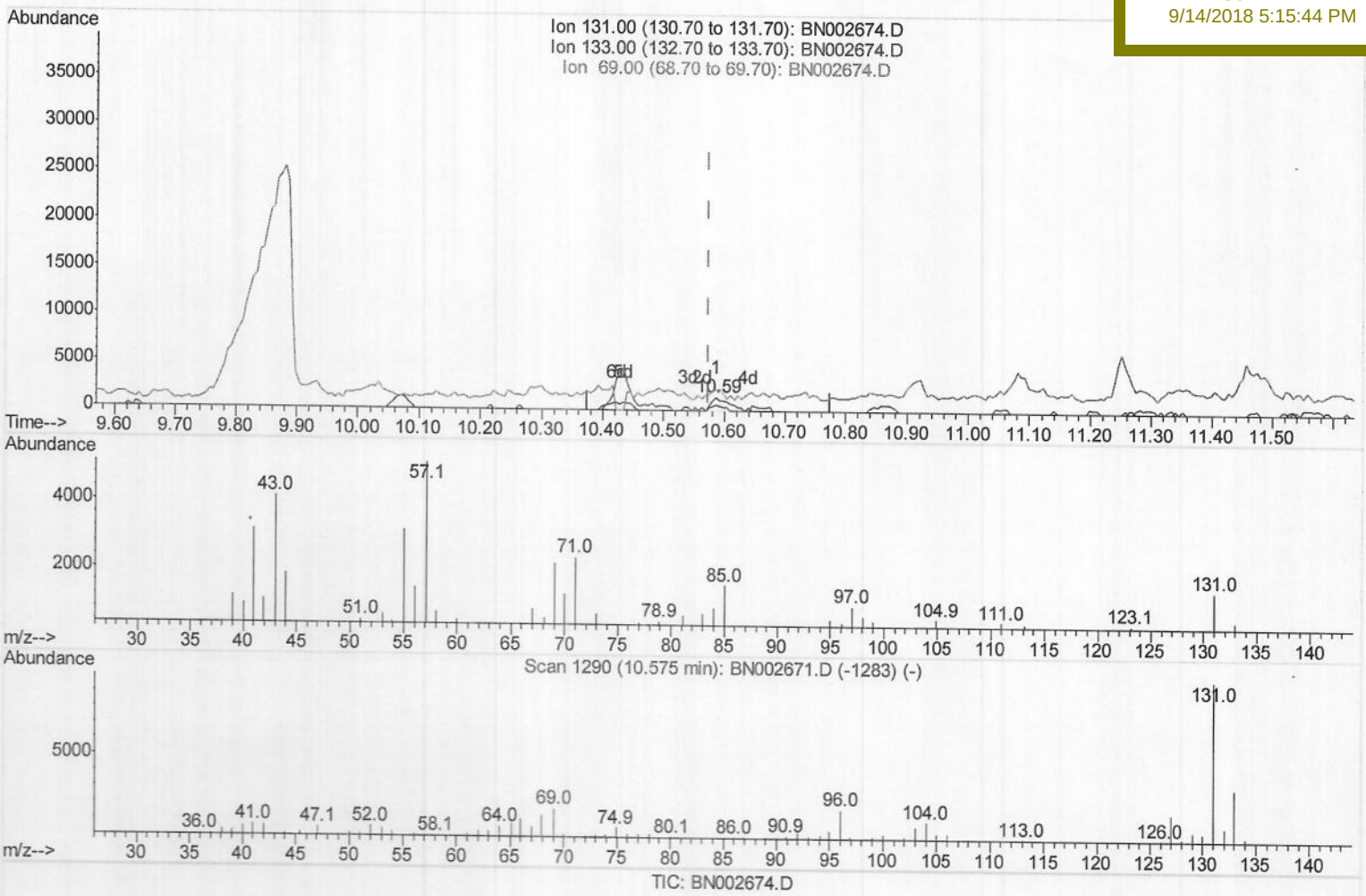
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091318\
Data File : BN002674.D
Acq On : 13 Sep 2018 14:21
Operator : JU/SJ
Sample : J4860-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 11:57:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 17 11:55:59 2018
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A41S8

**Manual Integrations APPROVED**
Sohil
9/14/2018 5:15:44 PM










TIC: BN002674.D

(29) 4-Chloroaniline-d4 (S)

10.587min (+0.012) 0.19ng/ul

response 2822

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100 | 100 |
| 133.00 | 32.10 | 37.39 |
| 69.00 | 16.20 | 153.06# |
| 0.00 | 0.00 | 0.00 |

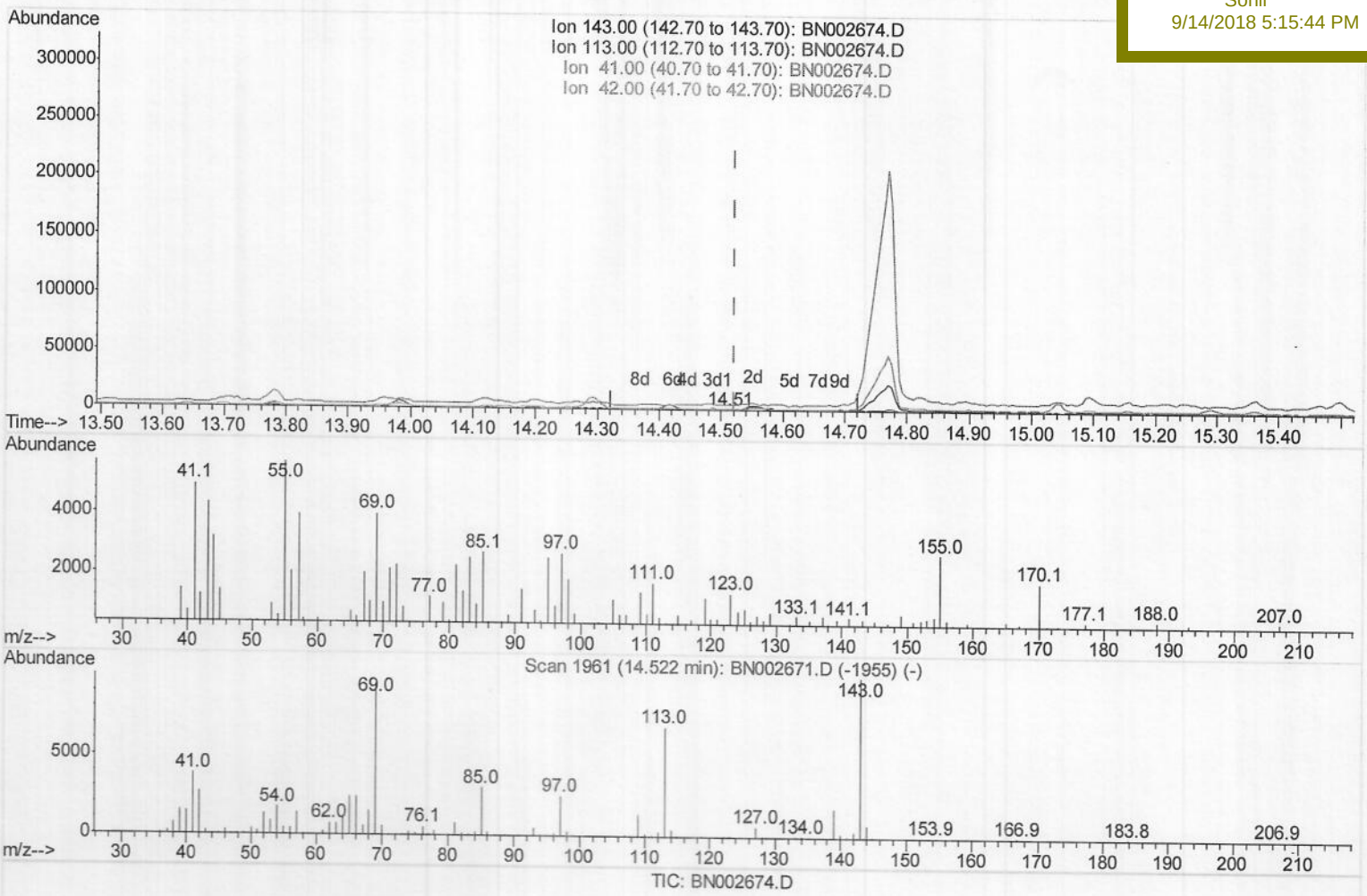
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091318\
Data File : BN002674.D
Acq On : 13 Sep 2018 14:21
Operator : JU/SJ
Sample : J4860-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 11:57:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 17 11:55:59 2018
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A41S8

**Manual Integrations APPROVED**
Sohil
9/14/2018 5:15:44 PM







TIC: BN002674.D

(51) 4-Nitrophenol-d4 (S)

14.510min (-0.012) 0.10ng/ul

response 753

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 75.10 | 66.67 |
| 41.00 | 28.80 | 994.61# |
| 42.00 | 19.10 | 250.50# |

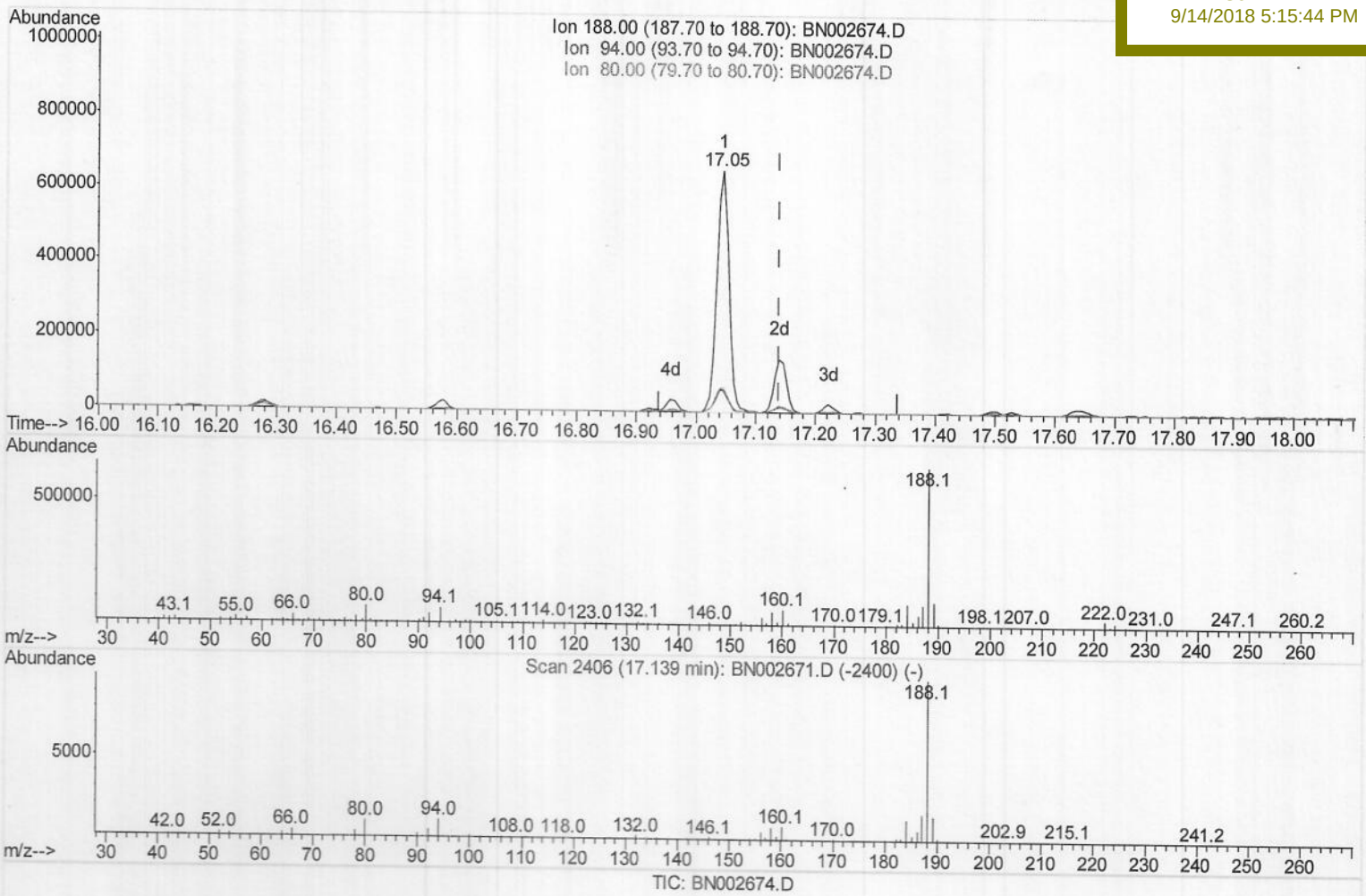
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091318\
Data File : BN002674.D
Acq On : 13 Sep 2018 14:21
Operator : JU/SJ
Sample : J4860-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 11:57:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 17 11:55:59 2018
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A41S8

**Manual Integrations APPROVED**
Sohil
9/14/2018 5:15:44 PM







TIC: BN002674.D

(70) Anthracene-d10 (S)

17.045min (-0.094) 20.93ng/ul

response 916465

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 10.10 | 9.20 |
| 80.00 | 9.10 | 10.07 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091318\
Data File : BN002674.D
Acq On : 13 Sep 2018 14:21
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

**Instrument :** BNA_N
**ClientSampleId :** A41S8

**Manual Integrations APPROVED**
Sohil
9/14/2018 5:15:44 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 208250 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.43 | 136 | 904303 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.29 | 164 | 483505 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.05 | 188 | 916465 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.25 | 240 | 670538 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.47 | 264 | 724050 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.24 | 96 | 573 | 0.13 | ng/uL | 0.01 |
| 5) Phenol-d5 | 6.85 | 99 | 24079 | 1.26 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.00 | 67 | 46583 | 3.88 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.20 | 132 | 52898 | 3.64 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.38 | 113 | 37209 | 2.44 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.81 | 128 | 28222 | 3.92 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.53 | 143 | 32583 | 4.30 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.07 | 165 | 60592 | 4.36 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.59 | 131 | 2822m | 0.19 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6 | 13.70 | 166 | 180798 | 4.51 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.98 | 160 | 226704 | 4.61 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.55 | 143 | 9554m | 1.26 | ng/ul | 0.03 |
| 57) Fluorene-d10 | 15.29 | 176 | 154009 | 4.43 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 5849 | 1.00 | ng/ul | 0.01 |
| 70) Anthracene-d10 | 17.14 | 188 | 204333m | 4.67 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.45 | 212 | 174218 | 5.43 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.33 | 264 | 174765 | 4.62 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.88 | 94 | 39146 | 2.013 | ng/ul | 99 |
| 44) Dimethylphthalate | 13.75 | 163 | 100680 | 2.561 | ng/ul | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 829964 | 32.300 | ng/ul | 98 |

SJ 9/14/18

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