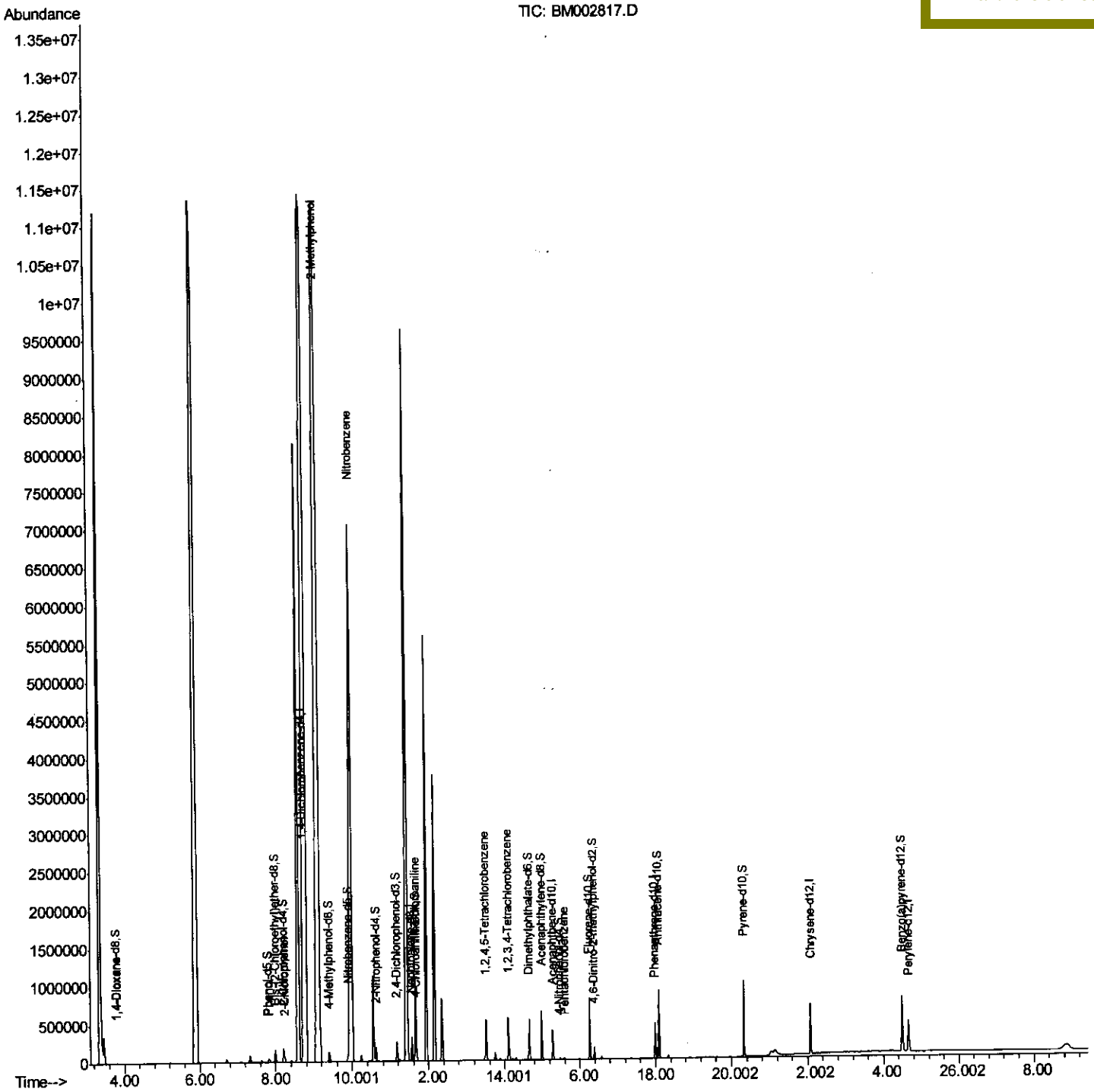
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100115\
Data File : BM002817.D
Acq On : 01 Oct 2015 23:15
Operator : UM/IZ
Sample : G3831-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 02 07:38:55 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AP5

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:07:50 PM



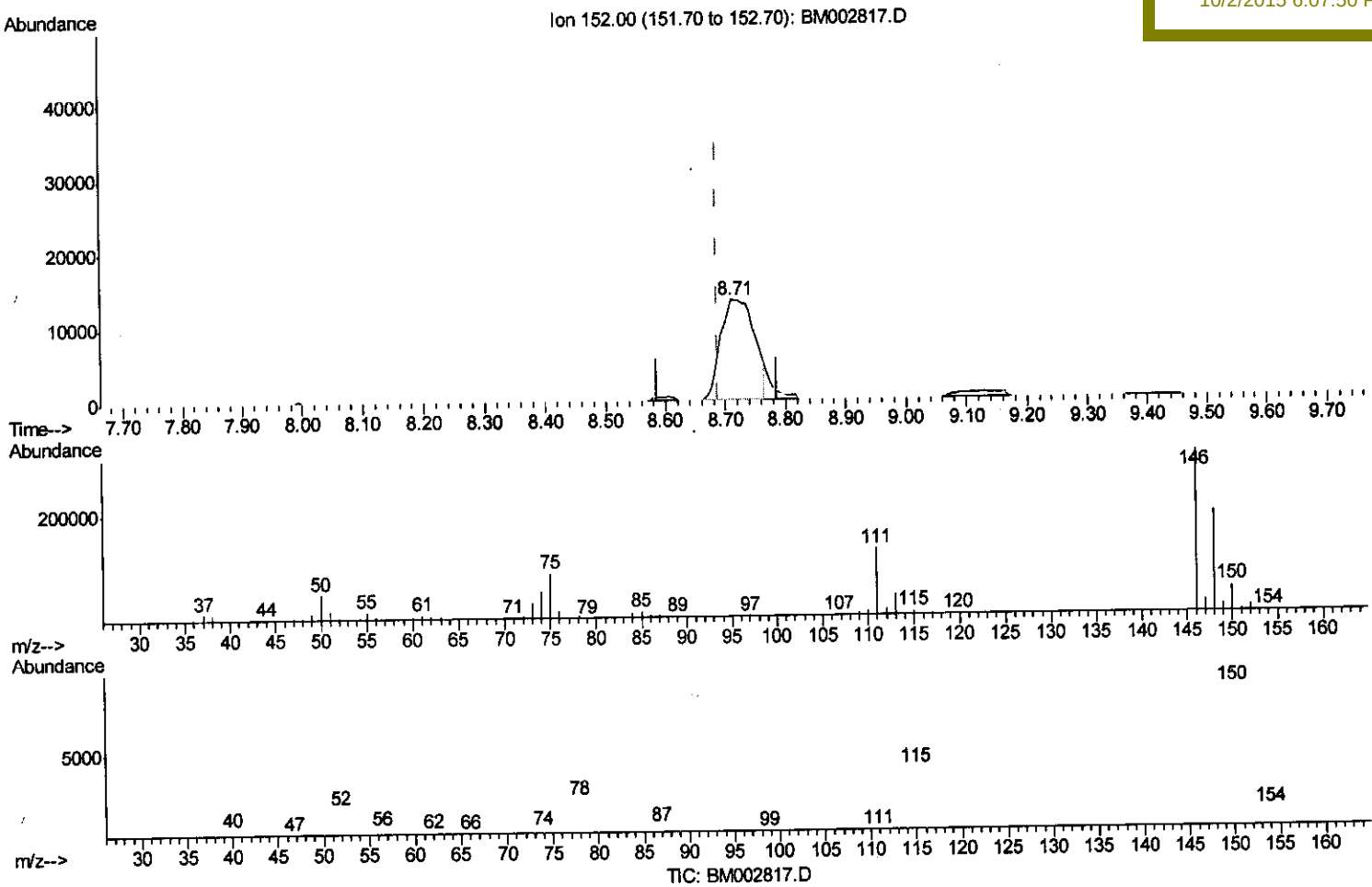
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100115\
Data File : BM002817.D
Acq On : 01 Oct 2015 23:15
Operator : UM/IZ
Sample : G3831-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 02 05:58:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AP5

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:07:50 PM



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

8.710min (+0.023) 20.00ng/ul

response 52537

Ion	Exp%	Act%
152.00	100	100
115.00	56.80	57.25
0.00	0.00	0.00
0.00	0.00	0.00

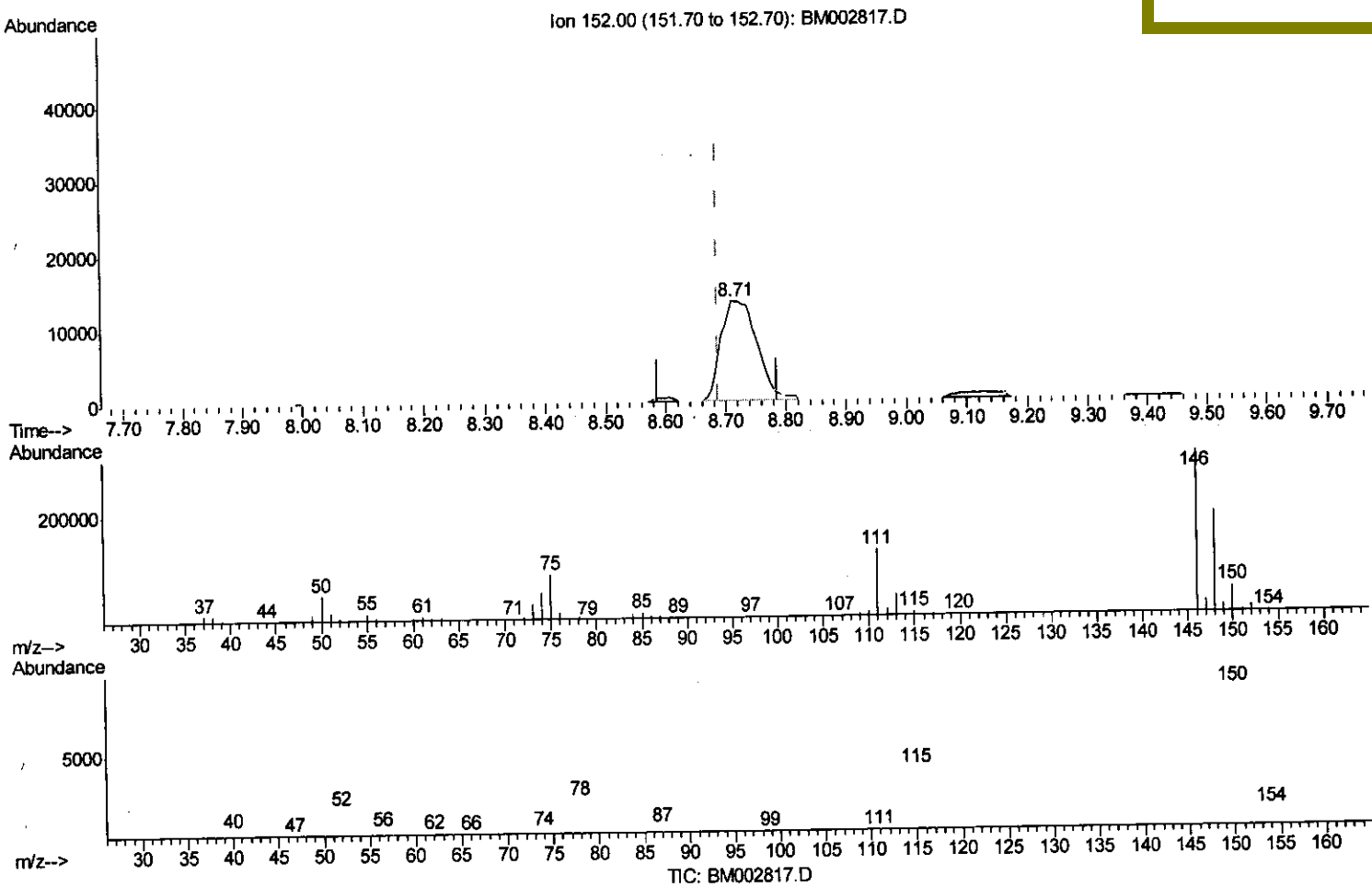
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100115\
Data File : BM002817.D
Acq On : 01 Oct 2015 23:15
Operator : UM/IZ
Sample : G3831-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 02 05:58:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AP5

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:07:50 PM



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

8.710min (+0.023) 20.00ng/ul m U.M 10/5/15

response 56686

Ion	Exp%	Act%
152.00	100	100
115.00	56.80	57.25
0.00	0.00	0.00
0.00	0.00	0.00

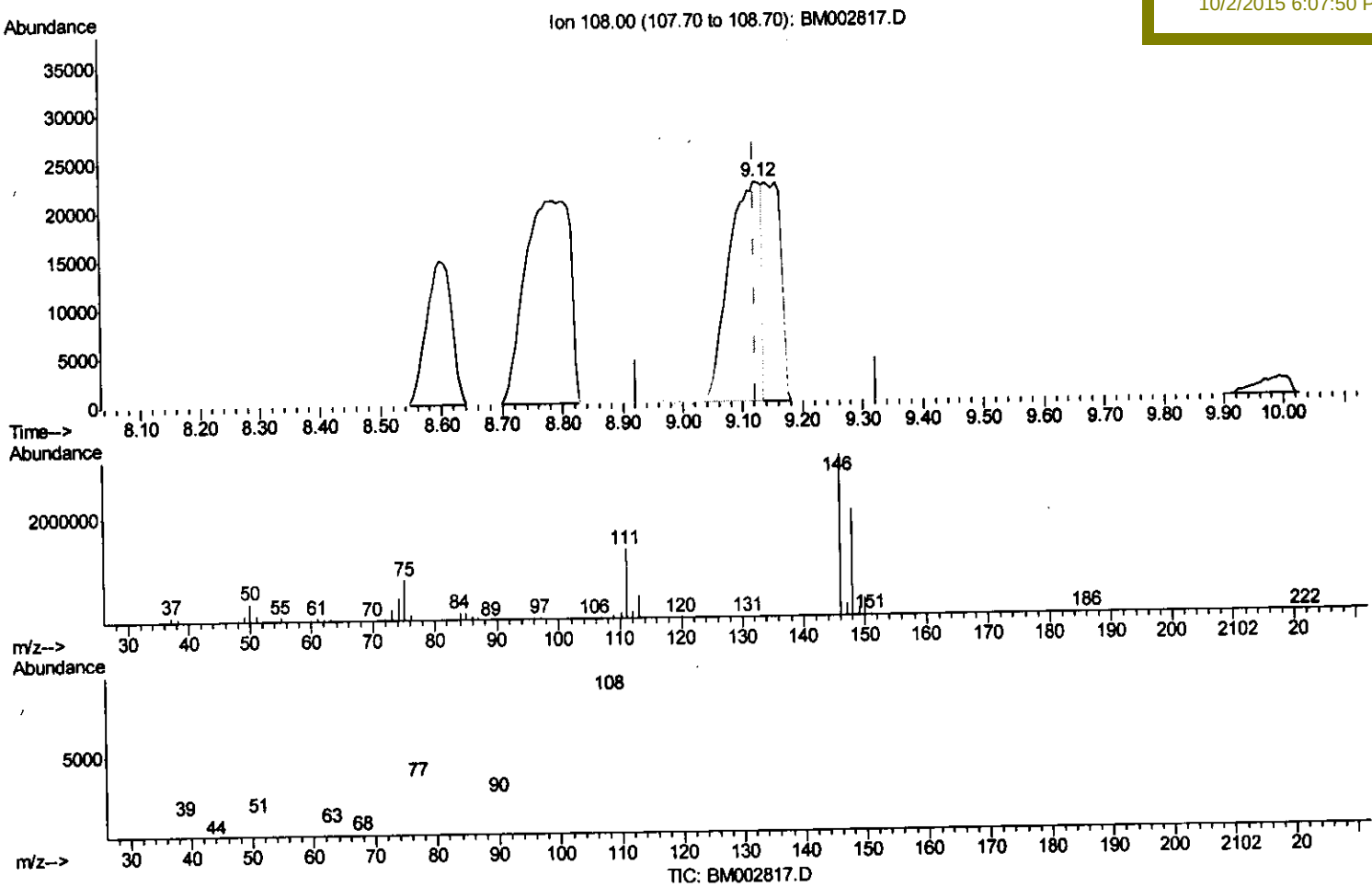
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100115\
Data File : BM002817.D
Acq On : 01 Oct 2015 23:15
Operator : UM/IZ
Sample : G3831-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 02 07:32:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AP5

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:07:50 PM



(11) 2-Methylphenol

9.122min (-0.000) 25.06ng/ul

response 85887

Ion	Exp%	Act%
108.00	100	100
107.00	88.40	87.77
0.00	0.00	0.00
0.00	0.00	0.00

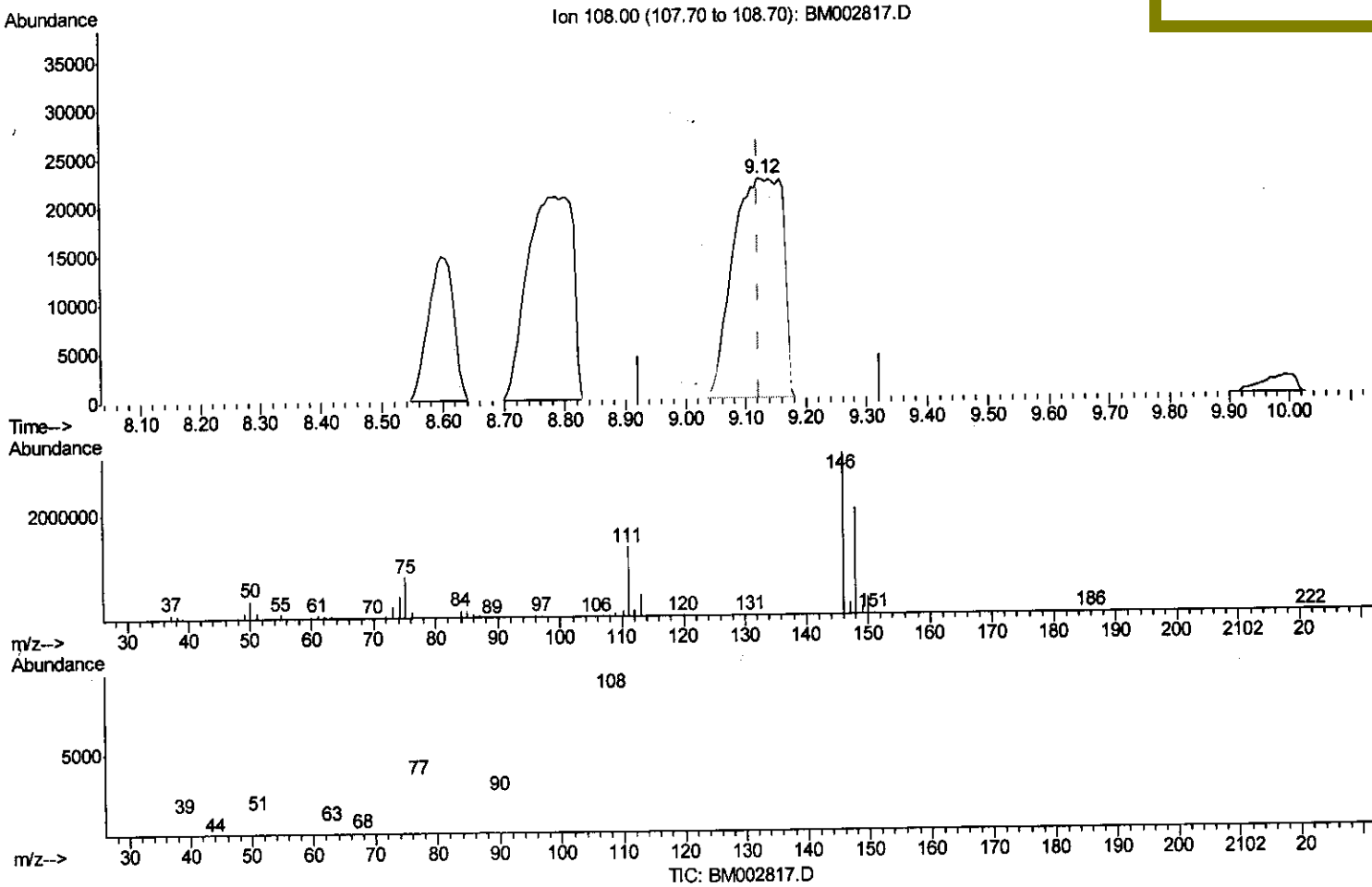
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100115\
Data File : BM002817.D
Acq On : 01 Oct 2015 23:15
Operator : UM/IZ
Sample : G3831-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 02 07:32:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AP5

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:07:50 PM



TIC: BM002817.D

(11) 2-Methylphenol

9.122min (-0.000) 37.63ng/ul m U.M 10/5/15

response 128959

Ion	Exp%	Act%
108.00	100	100
107.00	88.40	87.77
0.00	0.00	0.00
0.00	0.00	0.00

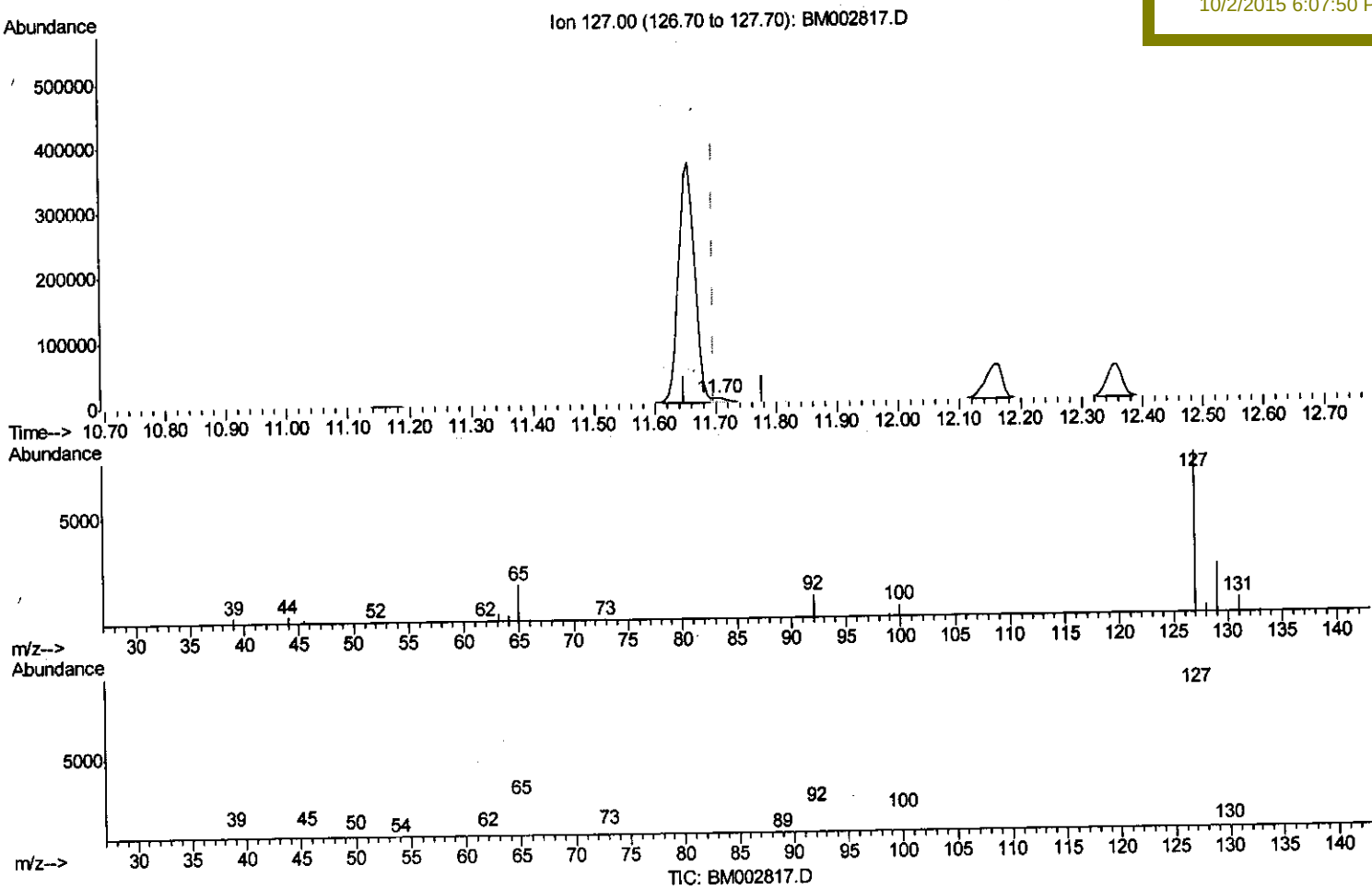
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100115\
Data File : BM002817.D
Acq On : 01 Oct 2015 23:15
Operator : UM/IZ
Sample : G3831-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 02 07:32:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AP5

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:07:50 PM



(30) 4-Chloroaniline

11.704min (+0.006) 2.07ng/ul

response 10562

Ion	Exp%	Act%
127.00	100	100
129.00	32.90	33.26
0.00	0.00	0.00
0.00	0.00	0.00

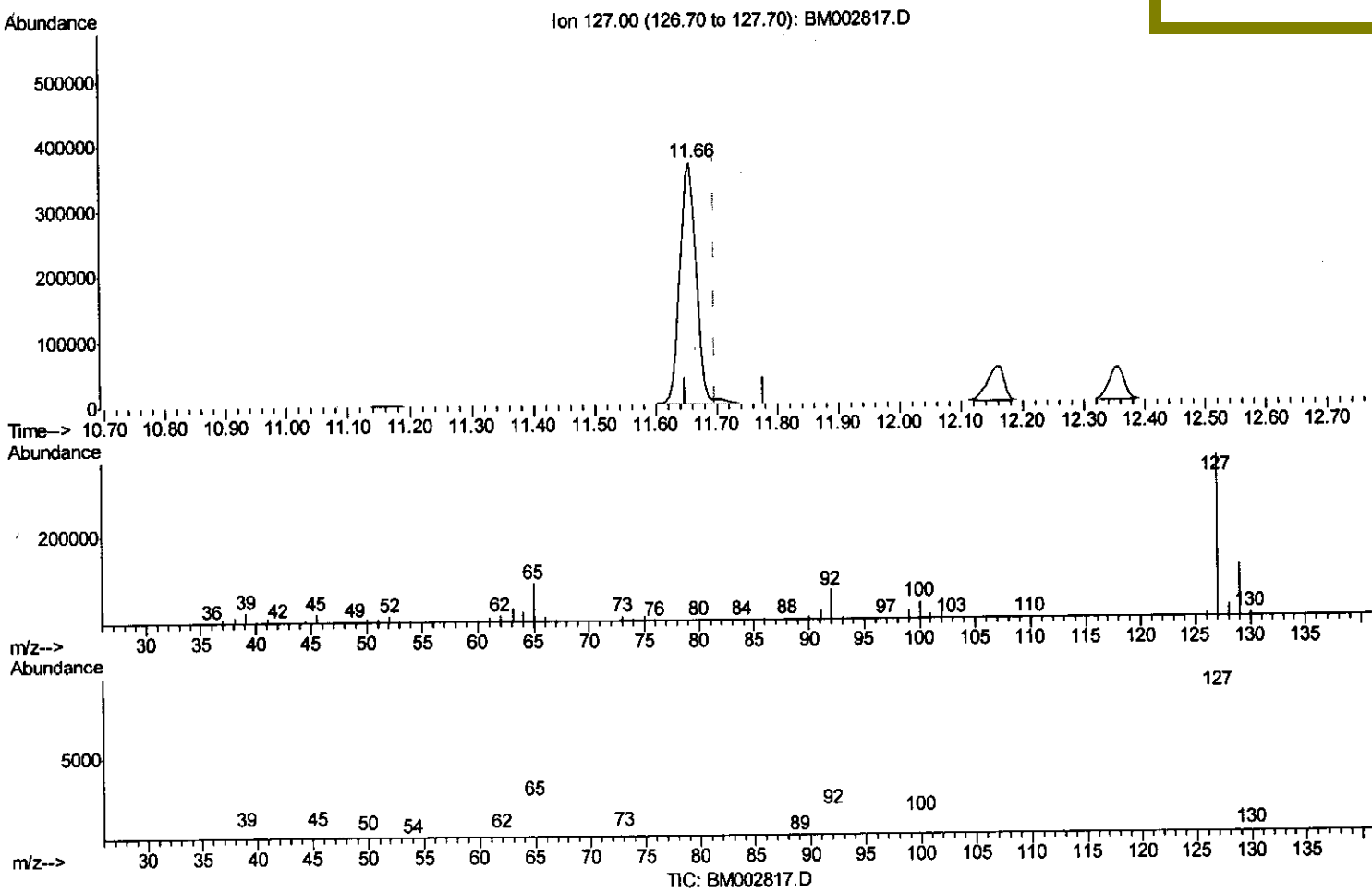
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100115\
Data File : BM002817.D
Acq On : 01 Oct 2015 23:15
Operator : UM/IZ
Sample : G3831-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 02 07:32:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AP5

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:07:50 PM



(30) 4-Chloroaniline

11.657min (-0.041) 135.80ng/ul m U.M 10/5/15

response 691553

Ion	Exp%	Act%
127.00	100	100
129.00	32.90	32.23
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100115\
Data File : BM002817.D
Acq On : 01 Oct 2015 23:15
Operator : UM/IZ
Sample : G3831-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 02 07:38:55 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AP5

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:07:50 PM

U.M 10/5/15

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	56686m	20.00	ng/ul	0.02
18) Naphthalene-d8	11.56	136	291372	20.00	ng/ul	0.01
36) Acenaphthene-d10	15.28	164	145526	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.99	188	302657	20.00	ng/ul	0.00
78) Chrysene-d12	22.08	240	330766	20.00	ng/ul	0.00
86) Perylene-d12	24.66	264	331054	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.76	96	1735	1.42	ng/uL	0.00
5) Phenol-d5	7.82	99	35503	8.27	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.99	67	94178	38.98	ng/ul	0.01
9) 2-Chlorophenol-d4	8.22	132	123404	30.87	ng/ul	0.01
13) 4-Methylphenol-d8	9.40	113	70492	19.91	ng/ul	0.02
19) Nitrobenzene-d5	9.91	128	72849	32.79	ng/ul	0.03
22) 2-Nitrophenol-d4	10.62	143	78745	33.91	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	11.16	165	120677	29.45	ng/ul	0.01
29) 4-Chloroaniline-d4	11.68	131	11919	2.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.66	166	385290	35.19	ng/ul	0.00
47) Acenaphthylene-d8	14.99	160	500119	34.23	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	10669	5.49	ng/ul	0.00
58) Fluorene-d10	16.26	176	332764	33.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.38	200	42550	28.83	ng/ul	0.00
71) Anthracene-d10	18.09	188	494273	34.22	ng/ul	0.00
79) Pyrene-d10	20.32	212	530059	34.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.50	264	579297	34.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.81	88	6671	4.94	ng/uL	91
6) Phenol	7.84	94	28643	6.45	ng/ul	100
10) 2-Chlorophenol	8.25	128	20681	5.10	ng/ul	96
11) 2-Methylphenol	9.12	108	128959m	37.63	ng/ul	
20) Nitrobenzene	10.00	77	8248280	1874.87	ng/ul	97
30) 4-Chloroaniline	11.66	127	691553m	135.80	ng/ul	
37) 1,2,4,5-Tetrachlorobenzene	13.51	216	127189	27.99	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.10	216	187165	41.02	ng/uL	98
74) Pentachlorobenzene	15.59	250	6506	1.53	ng/uL	92

U.M 10/5/15

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