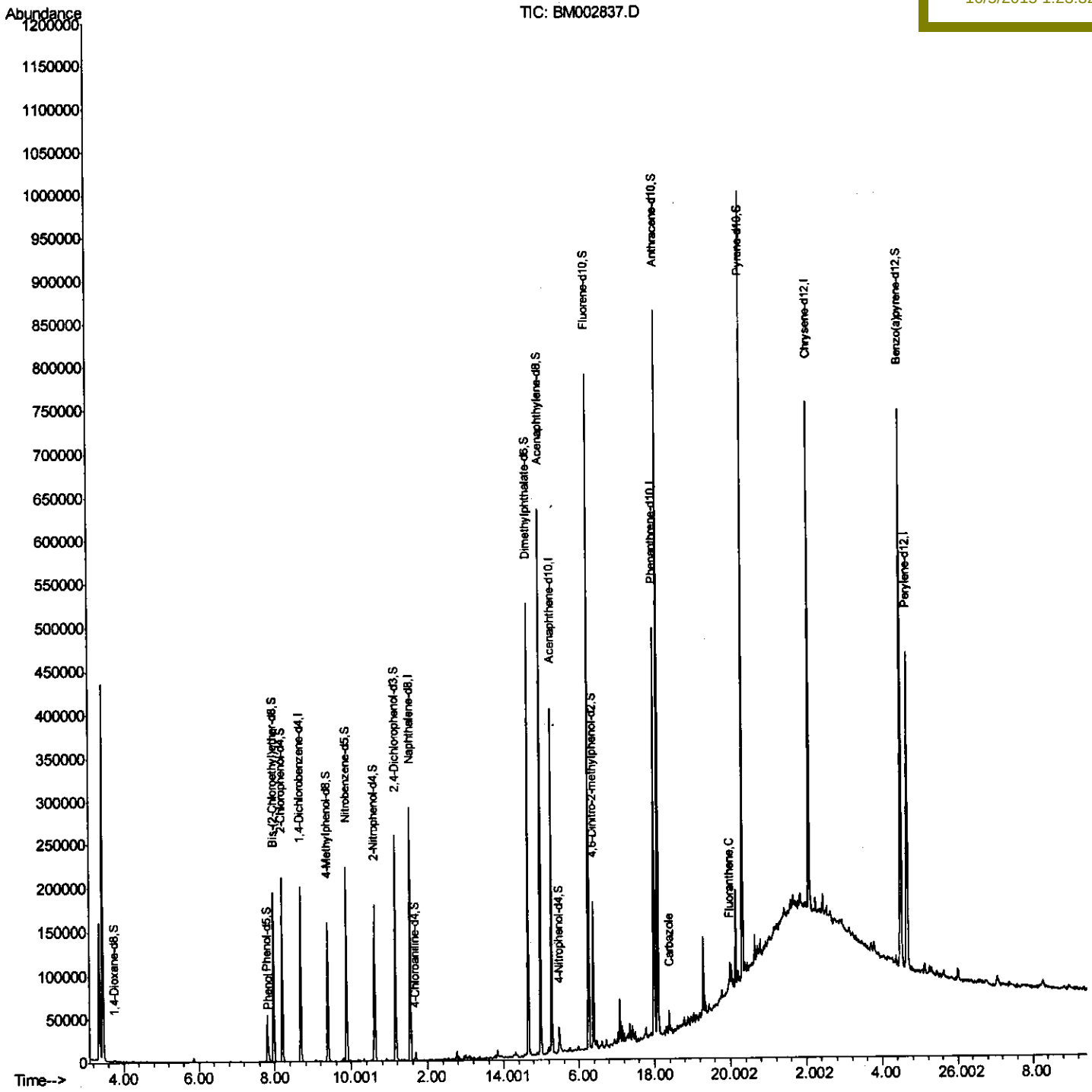
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM100215\
Data File : BM002837.D
Acq On : 02 Oct 2015 19:30
Operator : UM/IZ
Sample : G3852-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 03 01:38:40 2015
Quant Method : Z:\HPCHEM1\BNA M\METHOD\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 00:37:55 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C03H4

Manual Integrations APPROVED
MMDADODA
10/5/2015 1:23:32 PM



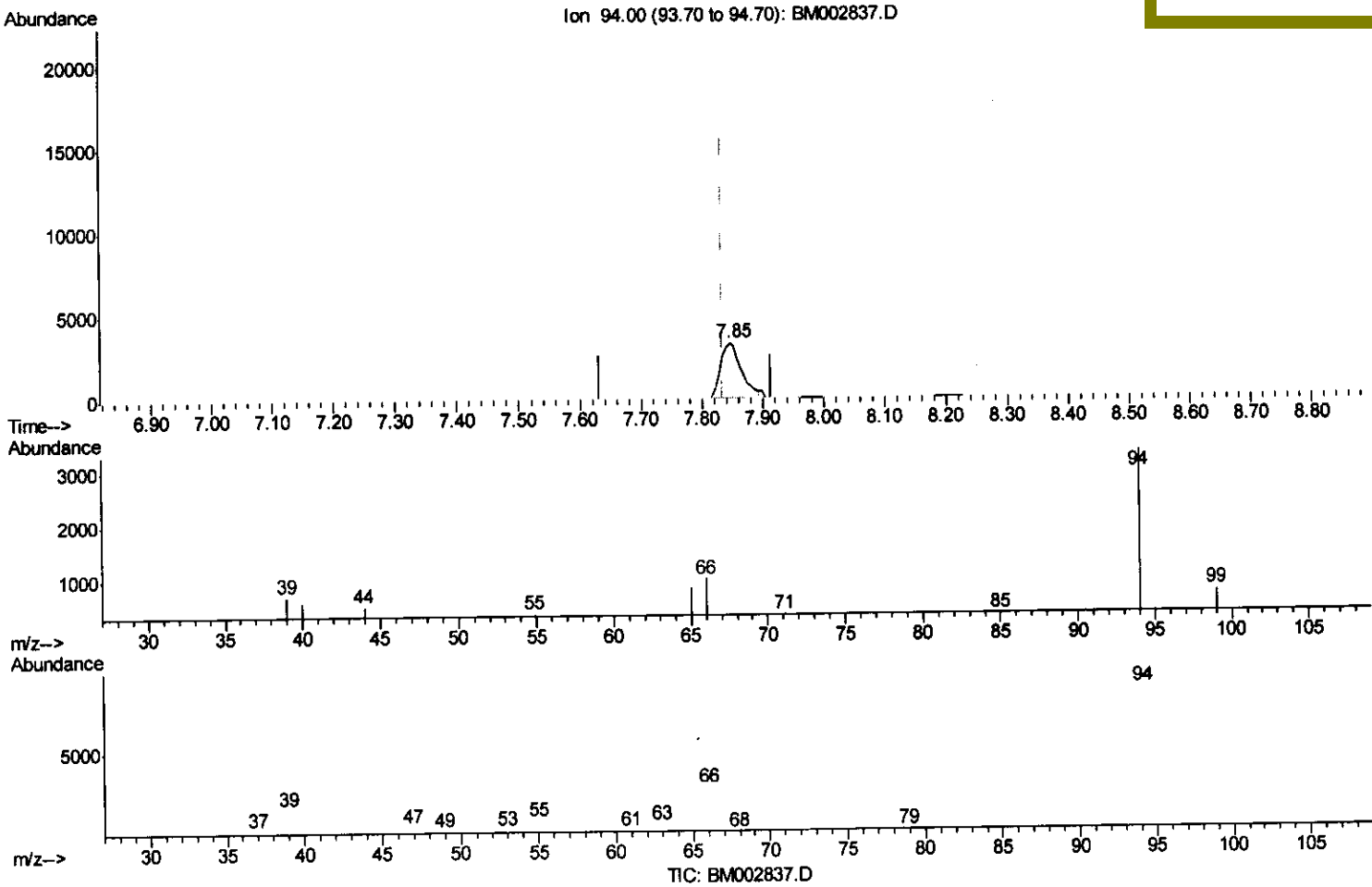
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM100215\
Data File : BM002837.D
Acq On : 02 Oct 2015 19:30
Operator : UM/IZ
Sample : G3852-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 03 00:44:59 2015
Quant Method : Z:\HPCHEM1\BNA M\METHOD\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 00:37:55 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C03H4

Manual Integrations APPROVED
MMDADODA
10/5/2015 1:23:32 PM



(6) Phenol

7.845min (+0.012) 1.52ng/ul

response 7706

Ion	Exp%	Act%
94.00	100	100
65.00	24.30	25.16
66.00	31.50	29.94
0.00	0.00	0.00

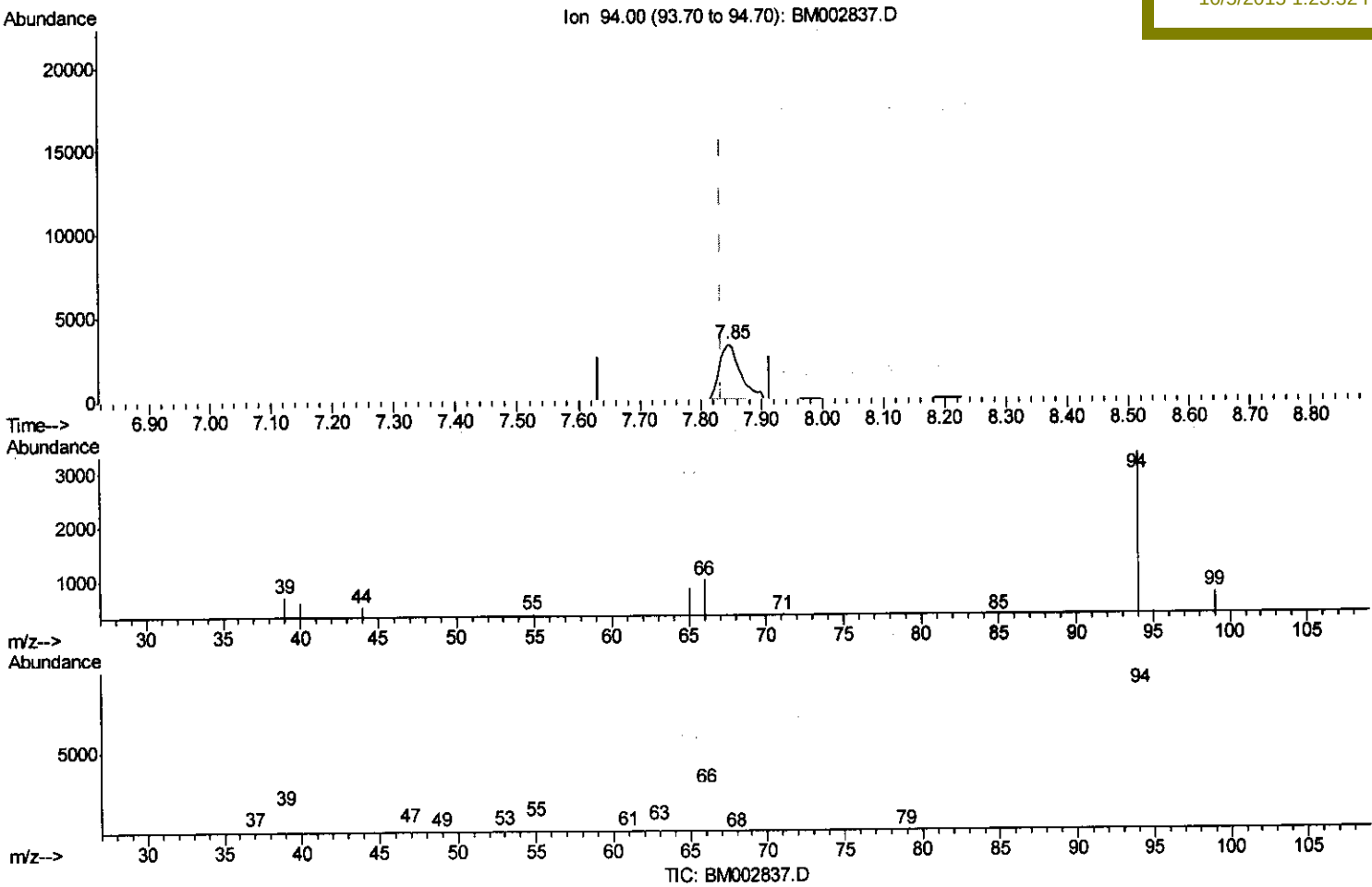
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM100215\
Data File : BM002837.D
Acq On : 02 Oct 2015 19:30
Operator : UM/IZ
Sample : G3852-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 03 00:44:59 2015
Quant Method : Z:\HPCHEM1\BNA M\METHOD\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 00:37:55 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C03H4

Manual Integrations APPROVED
MMDADODA
10/5/2015 1:23:32 PM



(6) Phenol

7.845min (+0.012) 1.55ng/ul m U.M 10/6/15

response 7862

Ion	Exp%	Act%
94.00	100	100
65.00	24.30	25.16
66.00	31.50	29.94
0.00	0.00	0.00

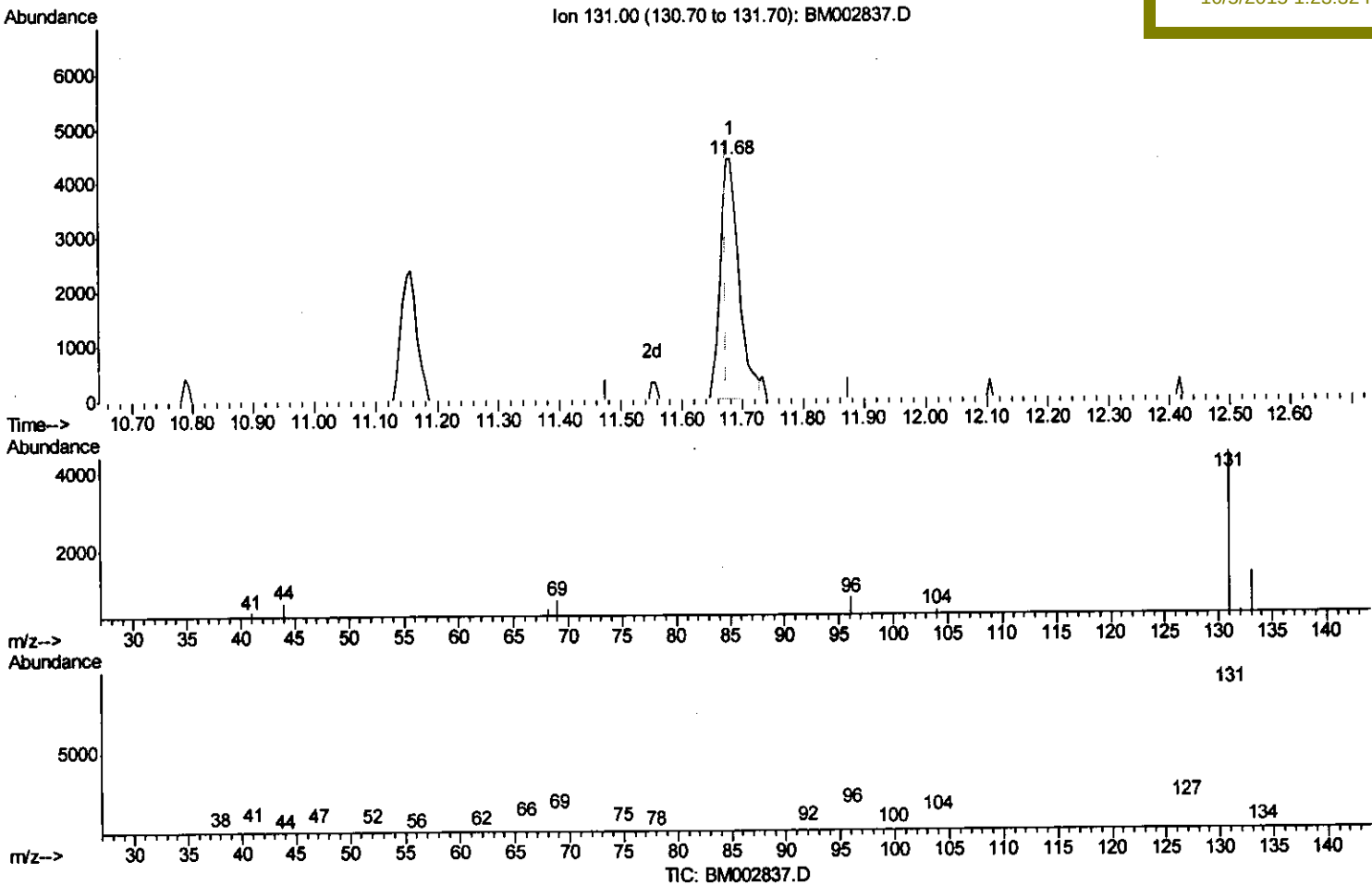
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM100215\
Data File : BM002837.D
Acq On : 02 Oct 2015 19:30
Operator : UM/IZ
Sample : G3852-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 03 00:44:59 2015
Quant Method : Z:\HPCHEM1\BNA M\METHOD\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 00:37:55 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C03H4

Manual Integrations APPROVED
MMDADODA
10/5/2015 1:23:32 PM



(29) 4-Chloroaniline-d4 (S)

11.681min (+0.006) 2.00ng/ul

response 9409

Ion	Exp%	Act%
131.00	100	100
133.00	32.20	30.64
69.00	13.20	16.11#
0.00	0.00	0.00

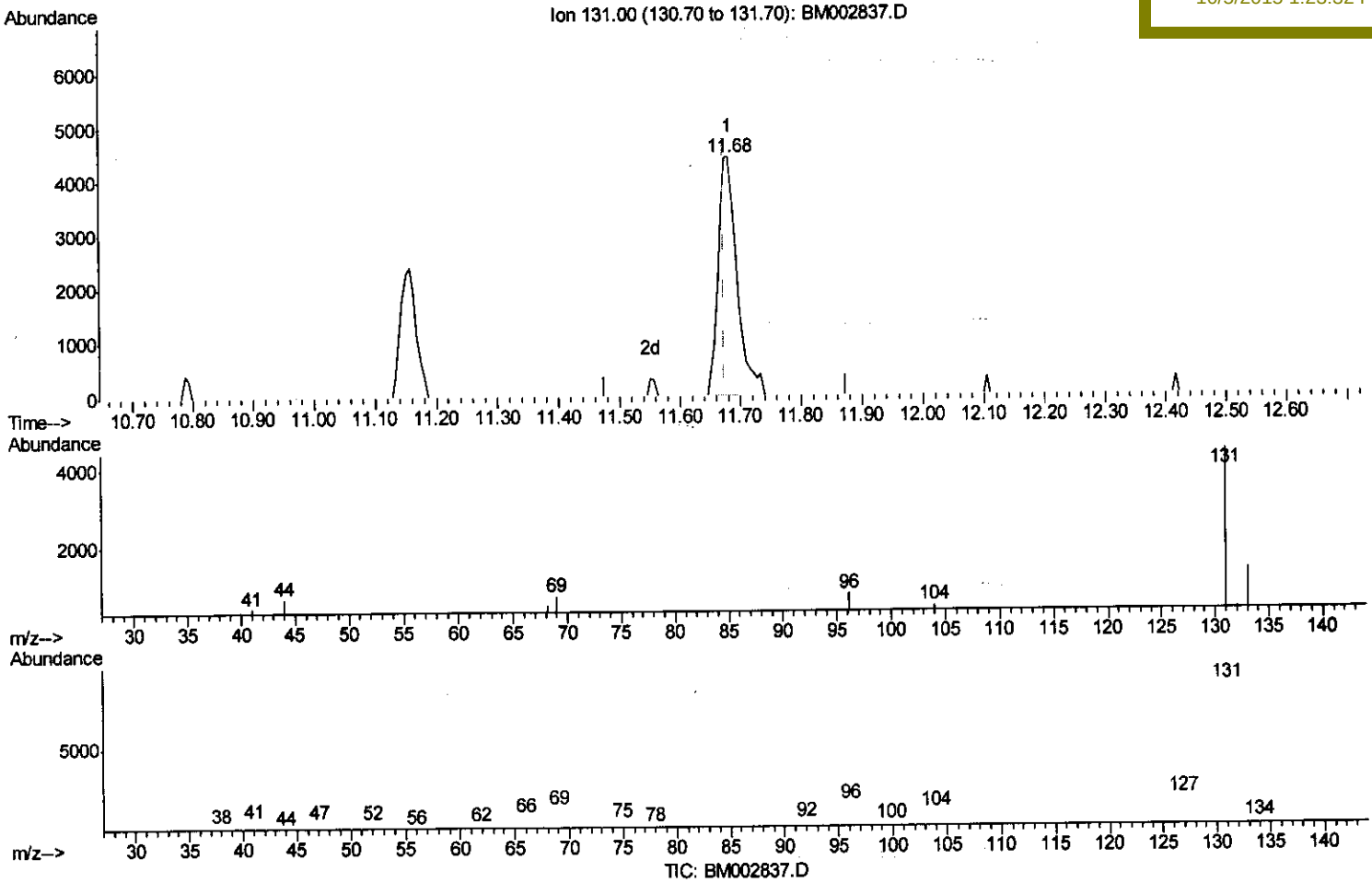
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM100215\
Data File : BM002837.D
Acq On : 02 Oct 2015 19:30
Operator : UM/IZ
Sample : G3852-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 03 00:44:59 2015
Quant Method : Z:\HPCHEM1\BNA M\METHOD\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 00:37:55 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C03H4

Manual Integrations APPROVED
MMDADODA
10/5/2015 1:23:32 PM



(29) 4-Chloroaniline-d4 (S)

11.681min (+0.006) 2.03ng/ul m U.M 10/6/15

response 9549

Ion	Exp%	Act%
131.00	100	100
133.00	32.20	30.64
69.00	13.20	16.11#
0.00	0.00	0.00

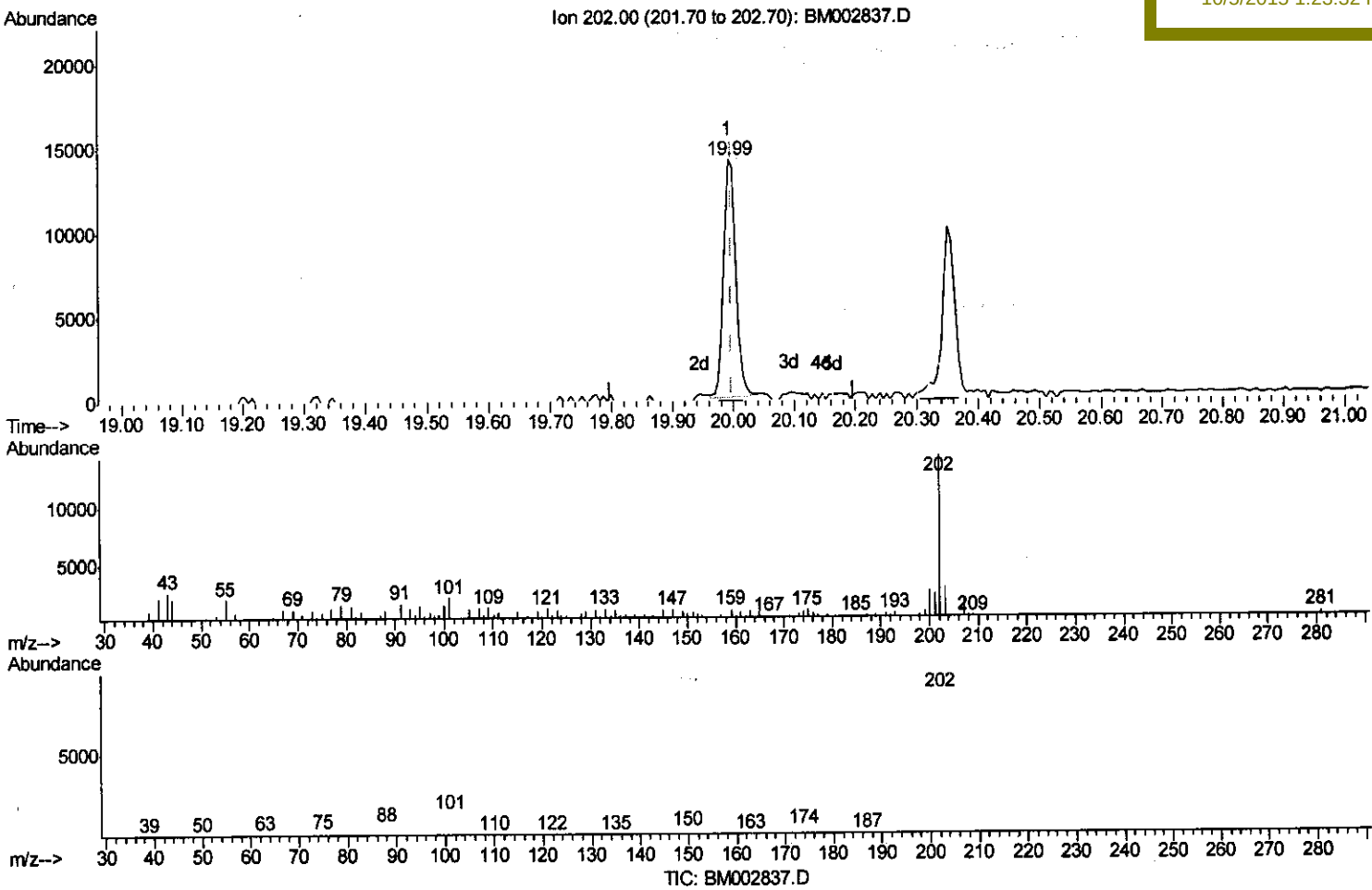
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM100215\
Data File : BM002837.D
Acq On : 02 Oct 2015 19:30
Operator : UM/IZ
Sample : G3852-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 03 00:44:59 2015
Quant Method : Z:\HPCHEM1\BNA M\METHOD\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 00:37:55 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C03H4

Manual Integrations APPROVED
MMDADODA
10/5/2015 1:23:32 PM



(77) Fluoranthene (C)

19.992min (-0.006) 1.15ng/ul

response 19507

Ion	Exp%	Act%
202.00	100	100
101.00	13.70	14.65
100.00	10.40	10.37
0.00	0.00	0.00

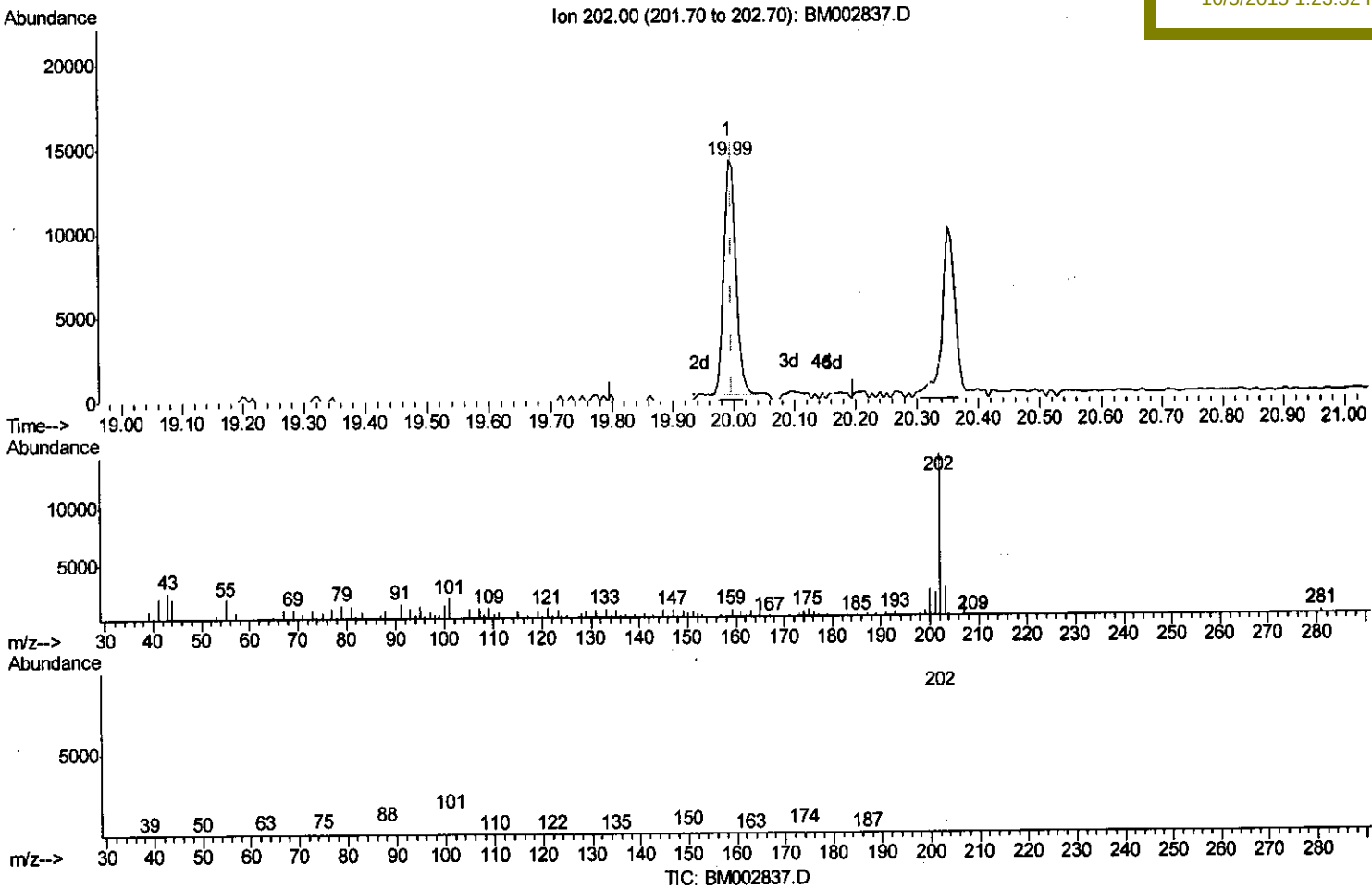
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM100215\
Data File : BM002837.D
Acq On : 02 Oct 2015 19:30
Operator : UM/IZ
Sample : G3852-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 03 00:44:59 2015
Quant Method : Z:\HPCHEM1\BNA M\METHOD\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 00:37:55 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C03H4

Manual Integrations APPROVED
MMDADODA
10/5/2015 1:23:32 PM



(77) Fluoranthene (C)

19.992min (-0.006) 1.13ng/ul m U.M 10/6/15

response 19182

Ion	Exp%	Act%
202.00	100	100
101.00	13.70	14.65
100.00	10.40	10.37
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM100215\
Data File : BM002837.D
Acq On : 02 Oct 2015 19:30
Operator : UM/IZ
Sample : G3852-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C03H4

Manual Integrations APPROVED
MMDADODA
10/5/2015 1:23:32 PM

Quant Time: Oct 03 01:38:40 2015
Quant Method : Z:\HPCHEM1\BNA M\METHOD\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 00:37:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	64799	20.00	ng/ul	0.00
18) Naphthalene-d8	11.54	136	278461	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.28	164	139575	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.99	188	284455	20.00	ng/ul	0.00
78) Chrysene-d12	22.08	240	292941	20.00	ng/ul	0.00
86) Perylene-d12	24.67	264	290801	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.76	96	1999	1.43	ng/uL	0.00
5) Phenol-d5	7.81	99	39293	8.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.97	67	90294	32.69	ng/ul	0.00
9) 2-Chlorophenol-d4	8.20	132	126012	27.57	ng/ul	0.00
13) 4-Methylphenol-d8	9.39	113	73607	18.18	ng/ul	0.00
19) Nitrobenzene-d5	9.88	128	70968	33.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.61	143	75621	34.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	117908	30.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.68	131	9549m	2.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.66	166	374218	35.64	ng/ul	0.00
47) Acenaphthylene-d8	14.99	160	490698	35.02	ng/ul	0.00
52) 4-Nitrophenol-d4	15.47	143	12882	6.91	ng/ul	0.01
58) Fluorene-d10	16.26	176	322403	34.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.38	200	40649	29.30	ng/ul	0.00
71) Anthracene-d10	18.09	188	469733	34.60	ng/ul	0.00
79) Pyrene-d10	20.33	212	478998	35.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.50	264	517482	34.79	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.85	94	7862m	1.55	ng/ul	
75) Carbazole	18.39	167	16695	1.14	ng/ul	97
77) Fluoranthene	19.99	202	19182m	1.13	ng/ul	

U.M 10/6/15

U.M 10/6/15

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