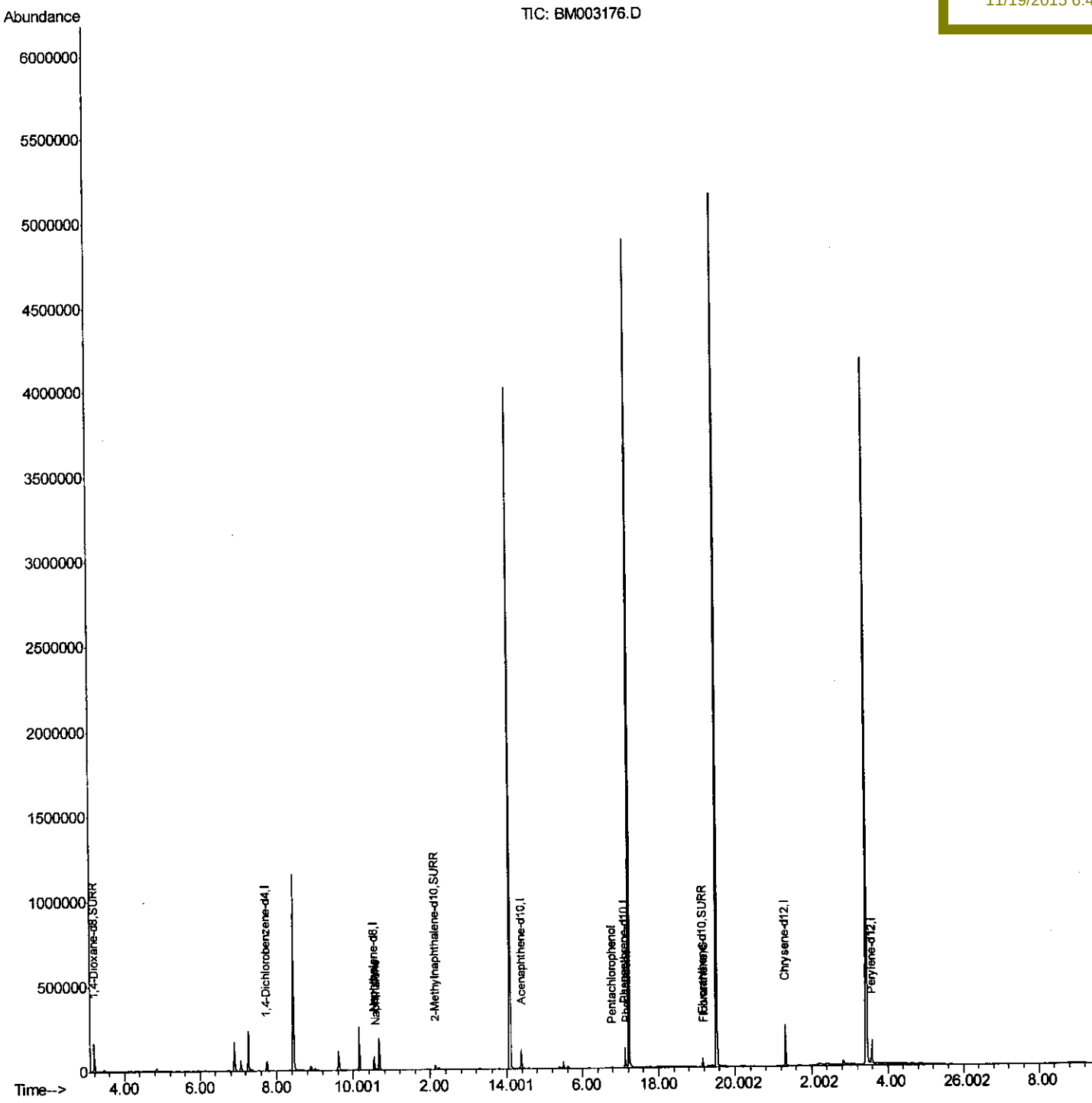
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003176.D
Acq On : 19 Nov 2015 00:48
Operator : UM/IZ
Sample : G4323-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 19 03:56:40 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 03:20:59 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4HT4

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:42:51 PM



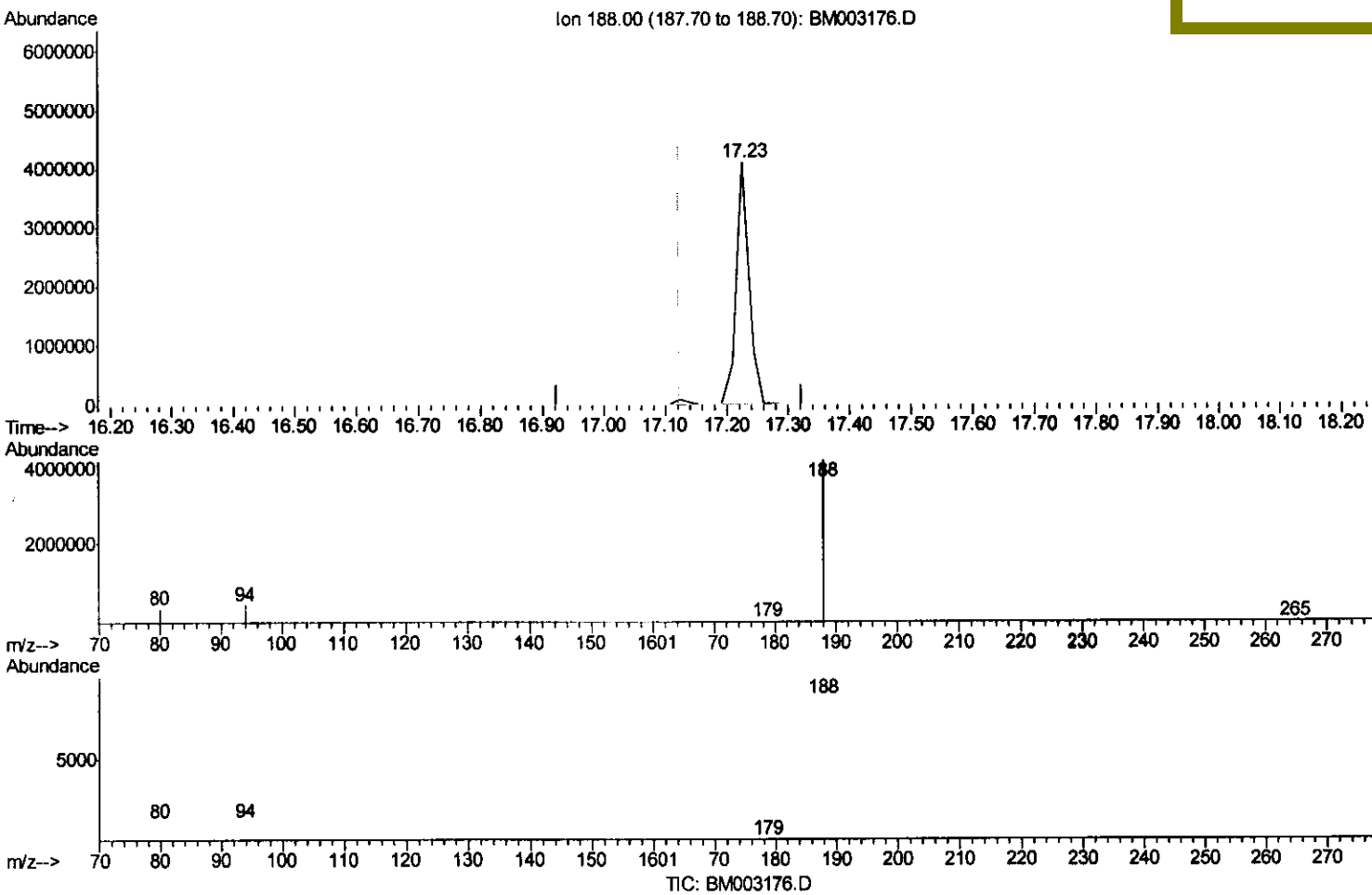
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003176.D
Acq On : 19 Nov 2015 00:48
Operator : UM/IZ
Sample : G4323-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 19 03:23:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 03:20:59 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4HT4

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:42:51 PM



TIC: BM003176.D

(12) Phenanthrene-d10 (I)

17.226min (+0.103) 0.40ng/ul

response 5875796

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.81
80.00	11.90	8.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003176.D
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Quant Time: Nov 19 03:56:40 2015
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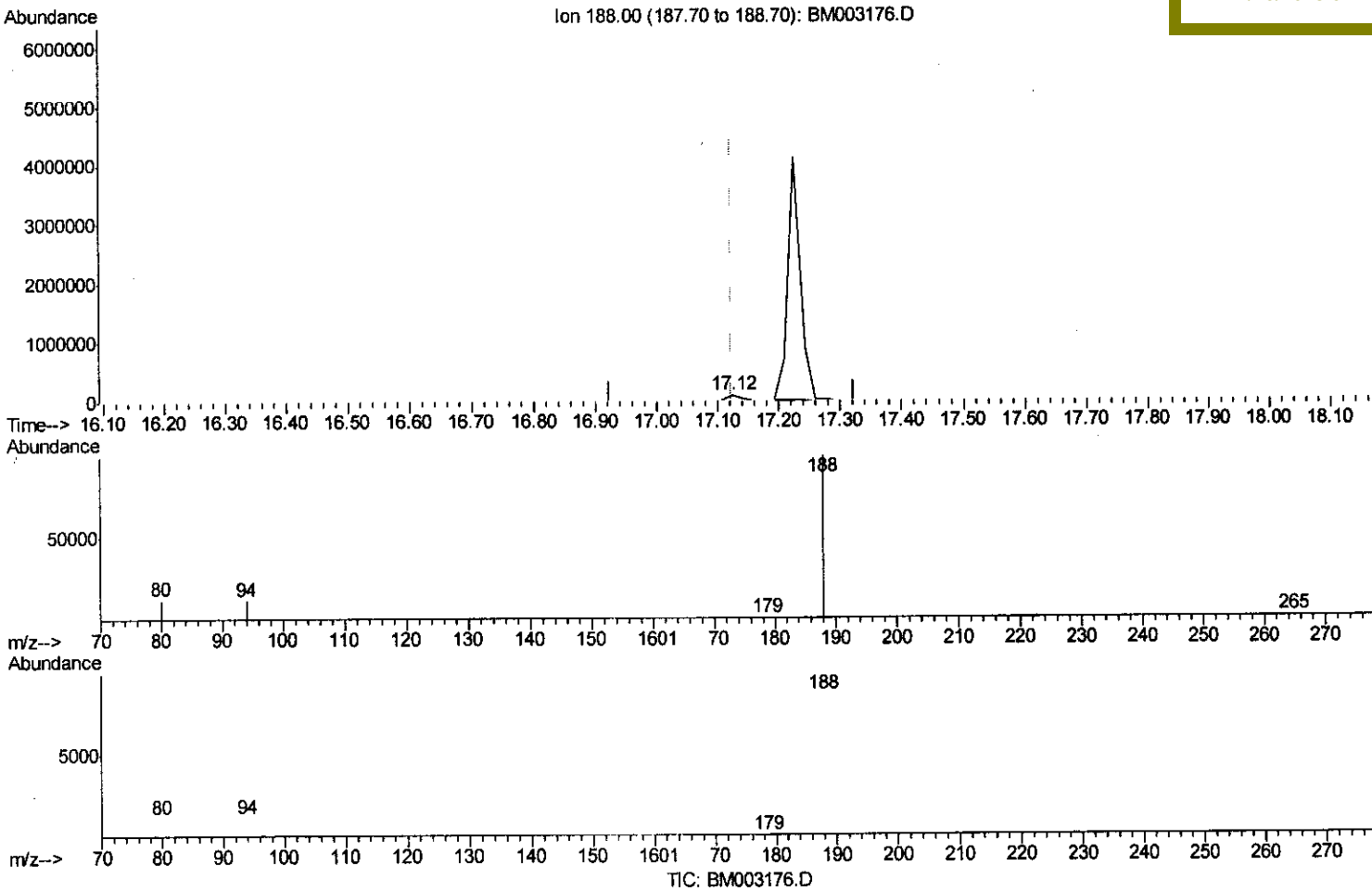
BNA_M
ClientSampleId :
A4HT4

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:42:51 PM



(12) Phenanthrene-d10 (I)

17.123min (+0.000) 0.40ng/ul m > U.M. 11/21/15

response 155964

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.60
80.00	11.90	11.74
0.00	0.00	0.00

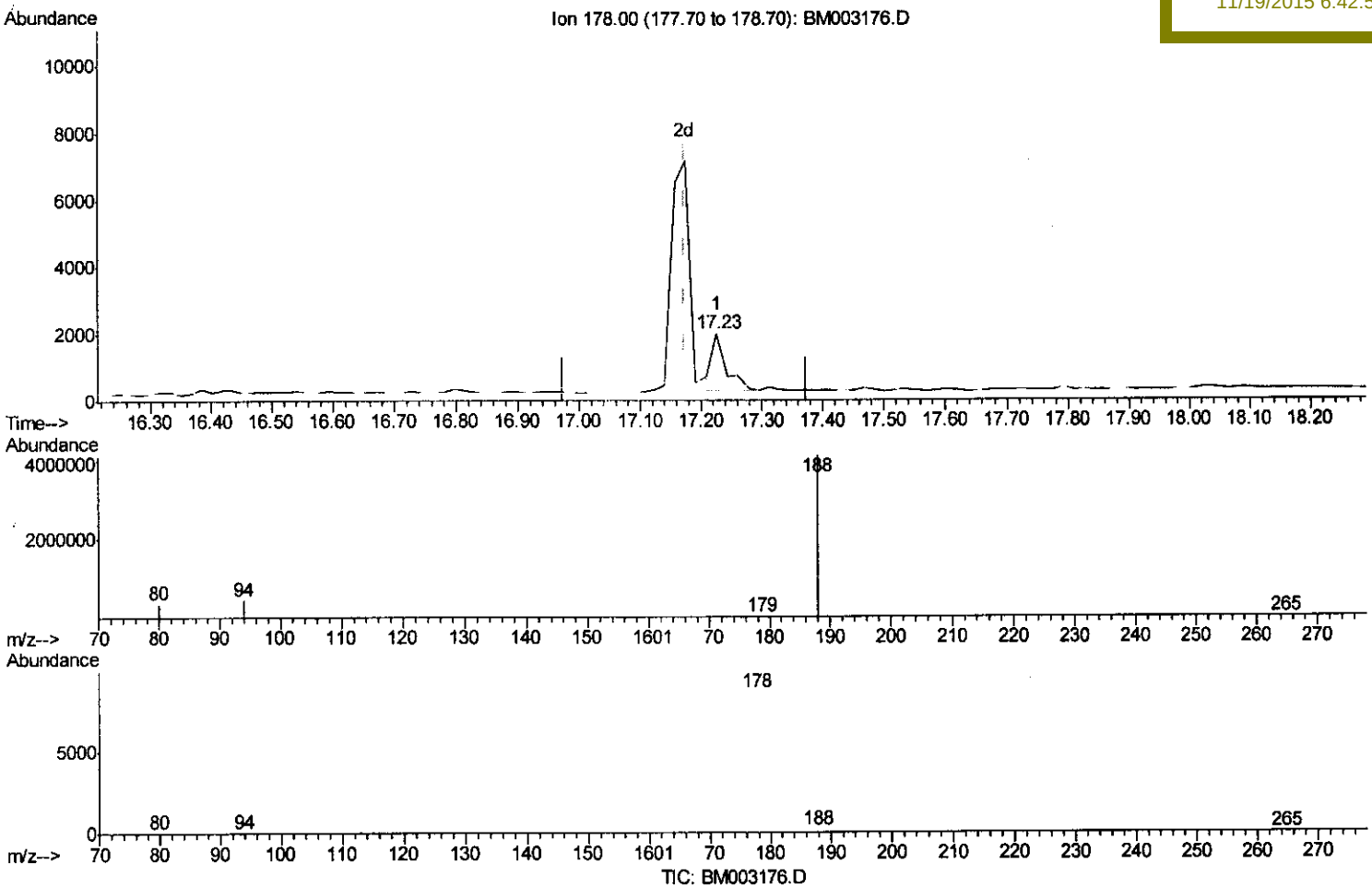
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003176.D
Acq On : 19 Nov 2015 00:48
Operator : UM/IZ
Sample : G4323-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 19 03:51:38 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 03:20:59 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4HT4

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:42:51 PM



TIC: BM003176.D

(14) Phenanthrene

17.226min (+0.052) 0.01ng/ul

response 2691

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	13.00
179.00	17.70	261.35#
0.00	0.00	0.00

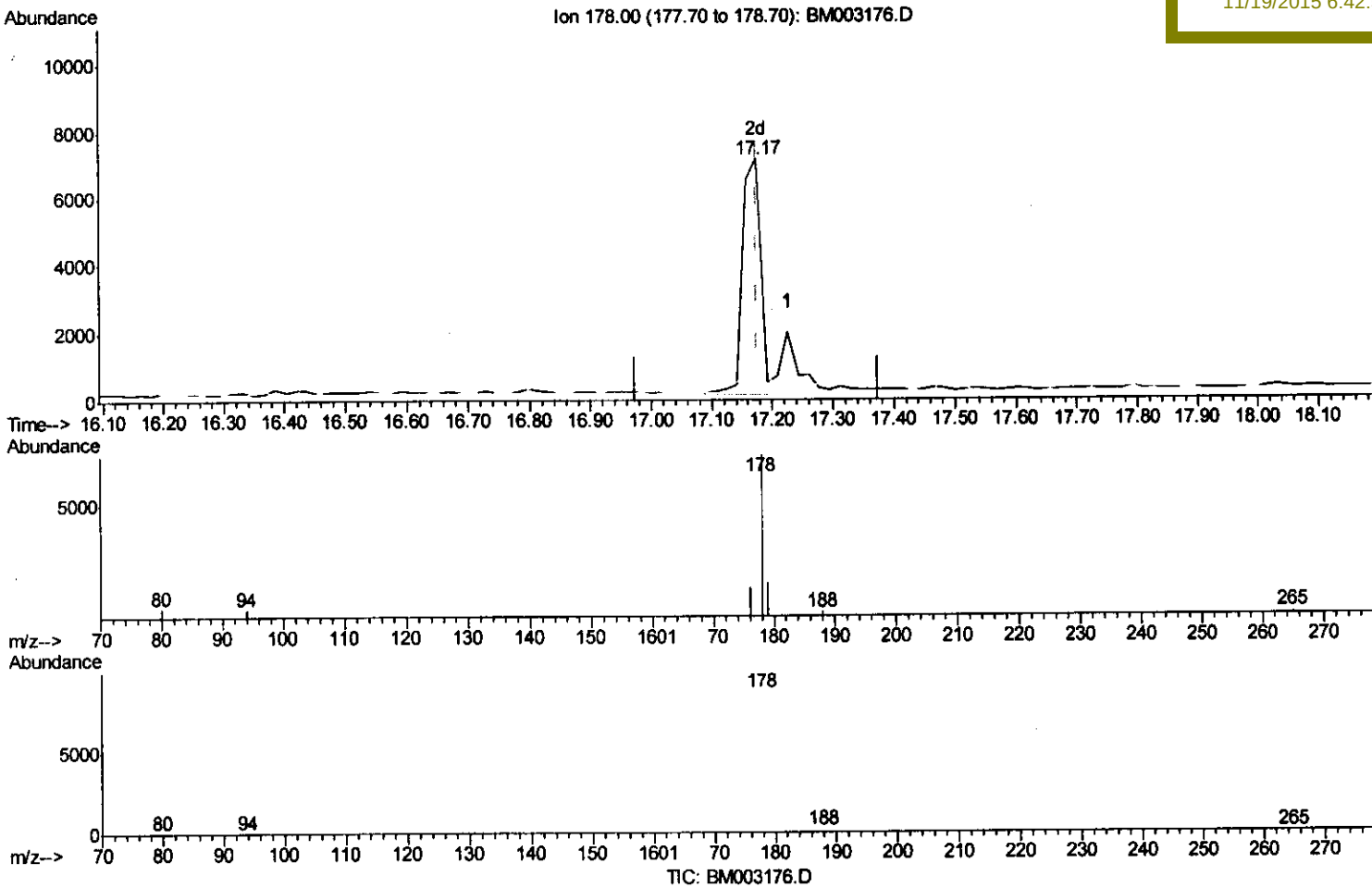
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003176.D
Acq On : 19 Nov 2015 00:48
Operator : UM/IZ
Sample : G4323-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 19 03:51:38 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 03:20:59 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4HT4

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:42:51 PM



(14) Phenanthrene

17.174min (+0.000) 0.03ng/ul m > U.M. 11/21/15

response 14695

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	18.53
179.00	17.70	21.40#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003176.D
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Operator : UM/IZ
Sample : G4323-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HT4

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:42:51 PM

Quant Time: Nov 19 03:56:40 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	28827	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	115494	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	69050	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	155964m	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	217520	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	212445	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	119598	3.88	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	34854	0.22	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	67514	0.18	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.58	128	6160	0.02	ng/ul#	91
13) Pentachlorophenol	16.78	266	2807	0.08	ng/ul#	16
14) Phenanthrene	17.17	178	14695m	0.03	ng/ul	
17) Fluoranthene	19.19	202	3329	0.01	ng/ul	61

U.M. 11/21/15

U.M. 11/21/15

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