

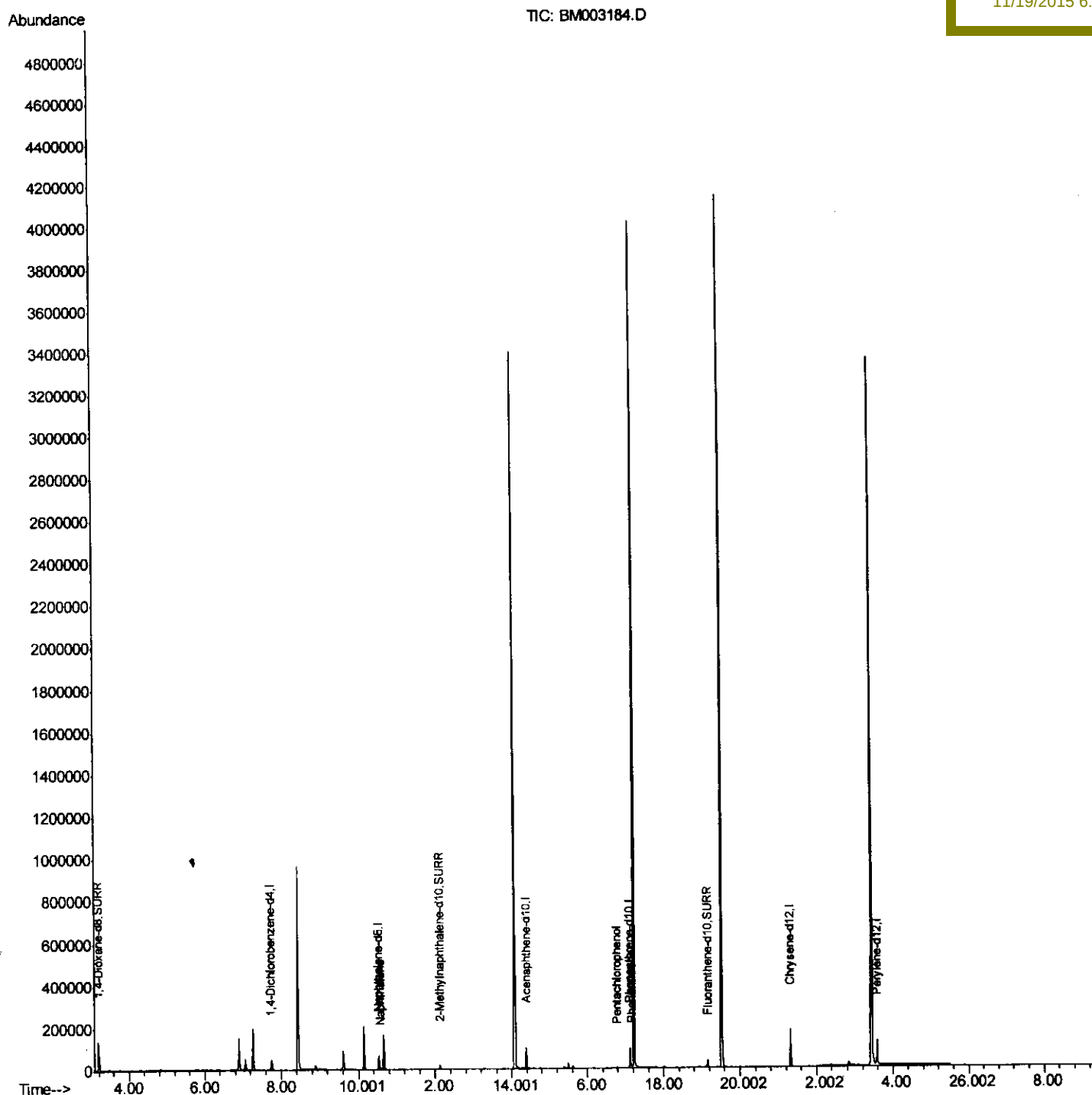
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003184.D
Acq On : 19 Nov 2015 05:47
Operator : UM/IZ
Sample : G4323-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HW2

Quant Time: Nov 19 07:27:35 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

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:43:04 PM



Quantitation Report (Qedit)

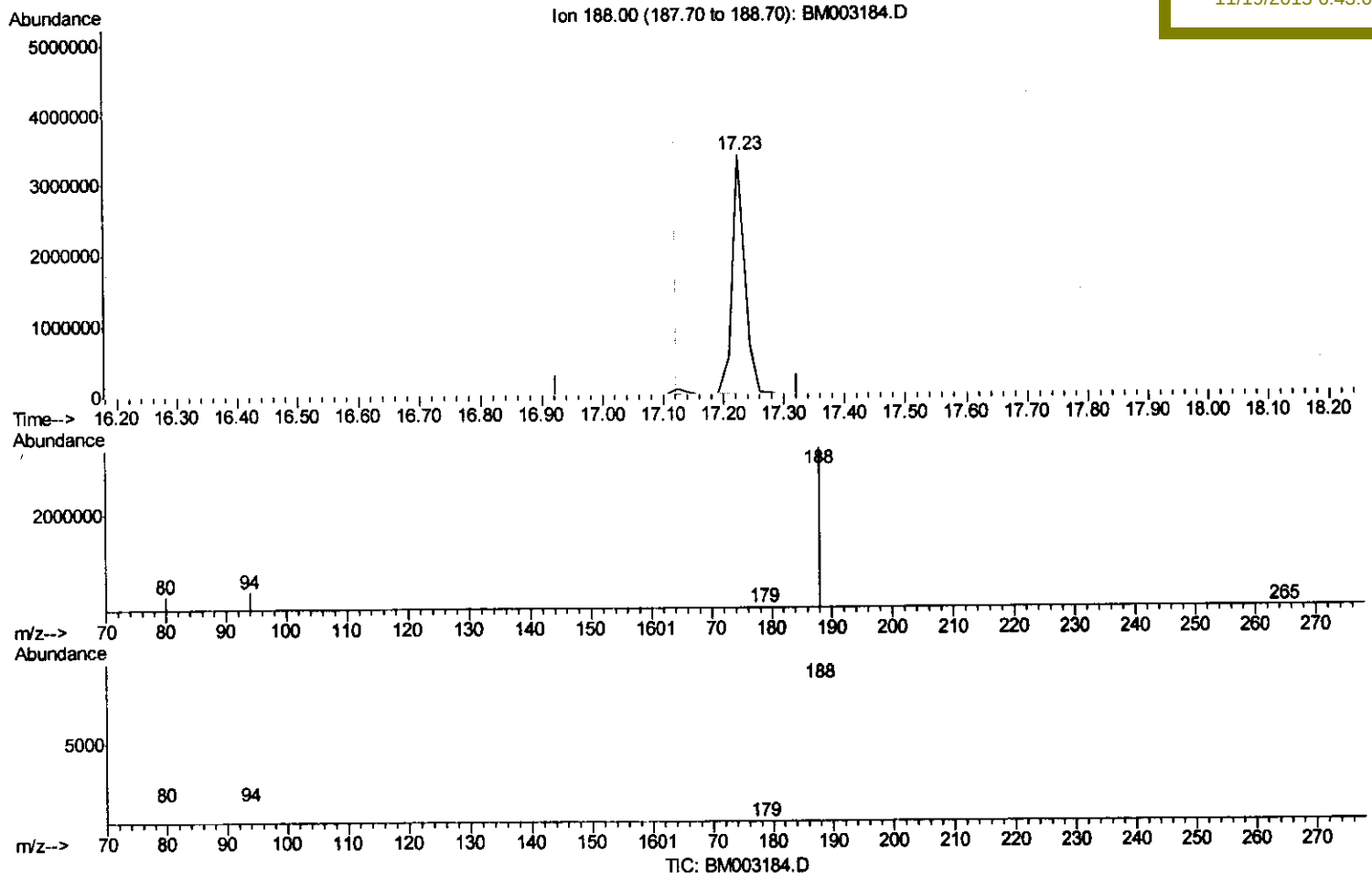
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003184.D
 Acq On : 19 Nov 2015 05:47
 Operator : UM/IZ
 Sample : G4323-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HW2

Quant Time: Nov 19 07:17:17 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

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:43:04 PM



(12) Phenanthrene-d10 (I)

17.225min (+0.103) 0.40ng/ul

response 4742770

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.73
80.00	11.90	8.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

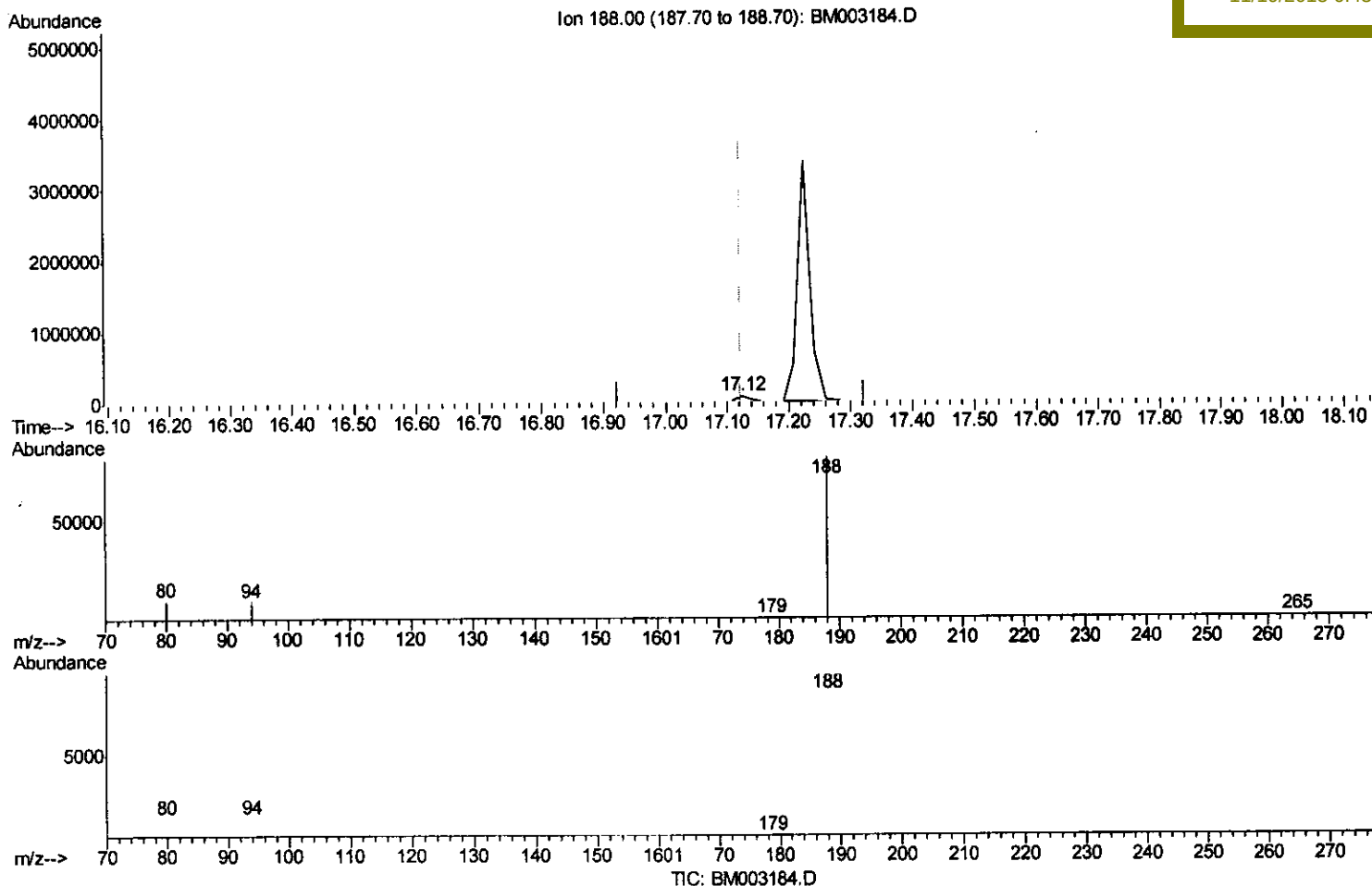
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003184.D
 Acq On : 19 Nov 2015 05:47
 Operator : UM/IZ
 Sample : G4323-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HW2

Quant Time: Nov 19 07:17:17 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

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:43:04 PM



(12) Phenanthrene-d10 (I)

17.123min (-0.000) 0.40ng/ul m

response 125263

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.68
80.00	11.90	11.77
0.00	0.00	0.00

> $\frac{U.N.}{11/21/15}$

Quantitation Report (Qedit)

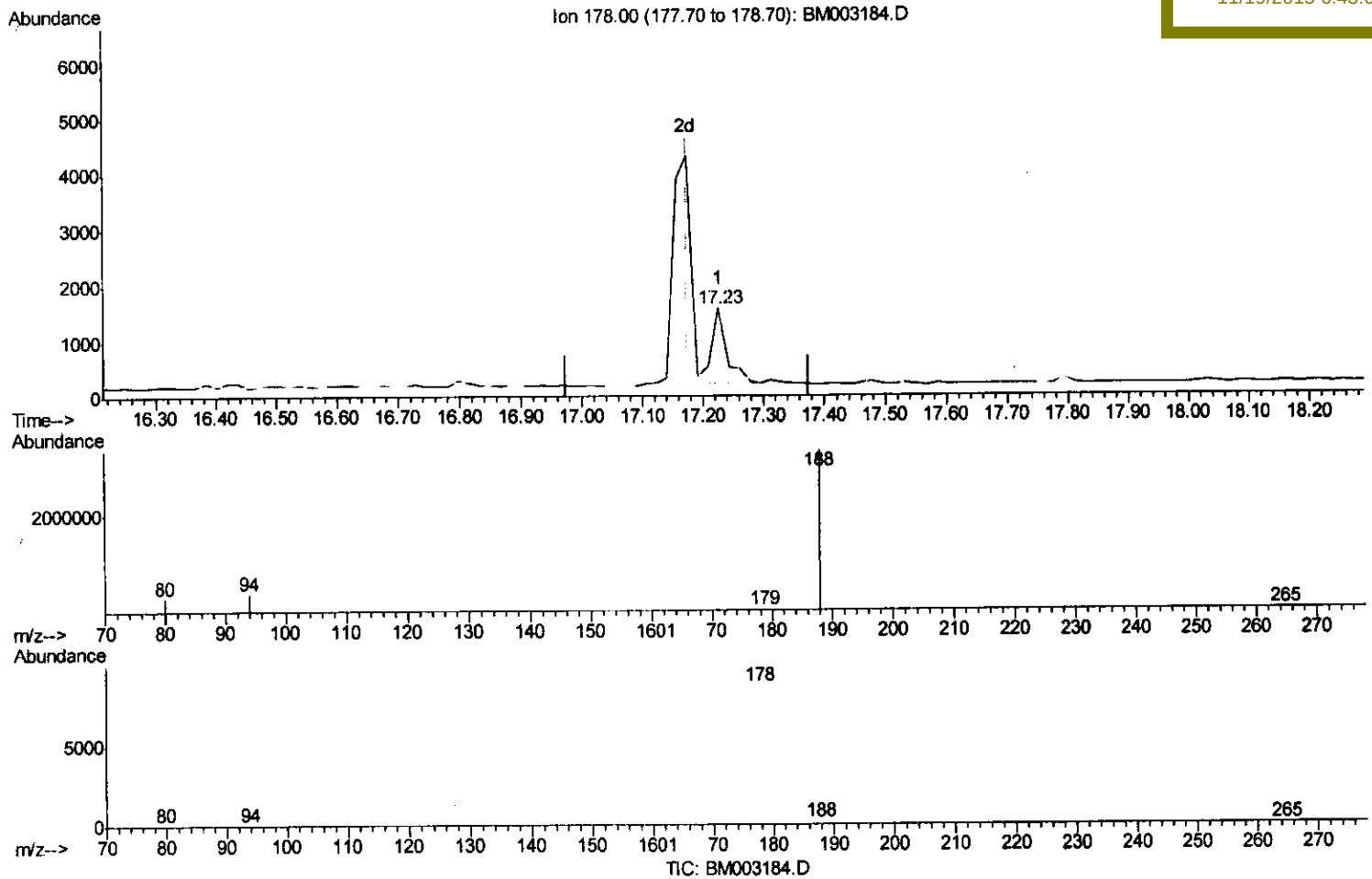
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003184.D
 Acq On : 19 Nov 2015 05:47
 Operator : UM/IZ
 Sample : G4323-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 A4HW2

Quant Time: Nov 19 07:17:17 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

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:43:04 PM



(14) Phenanthrene

17.225min (+0.051) 0.01ng/ul

response 2049

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	12.79#
179.00	17.70	264.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

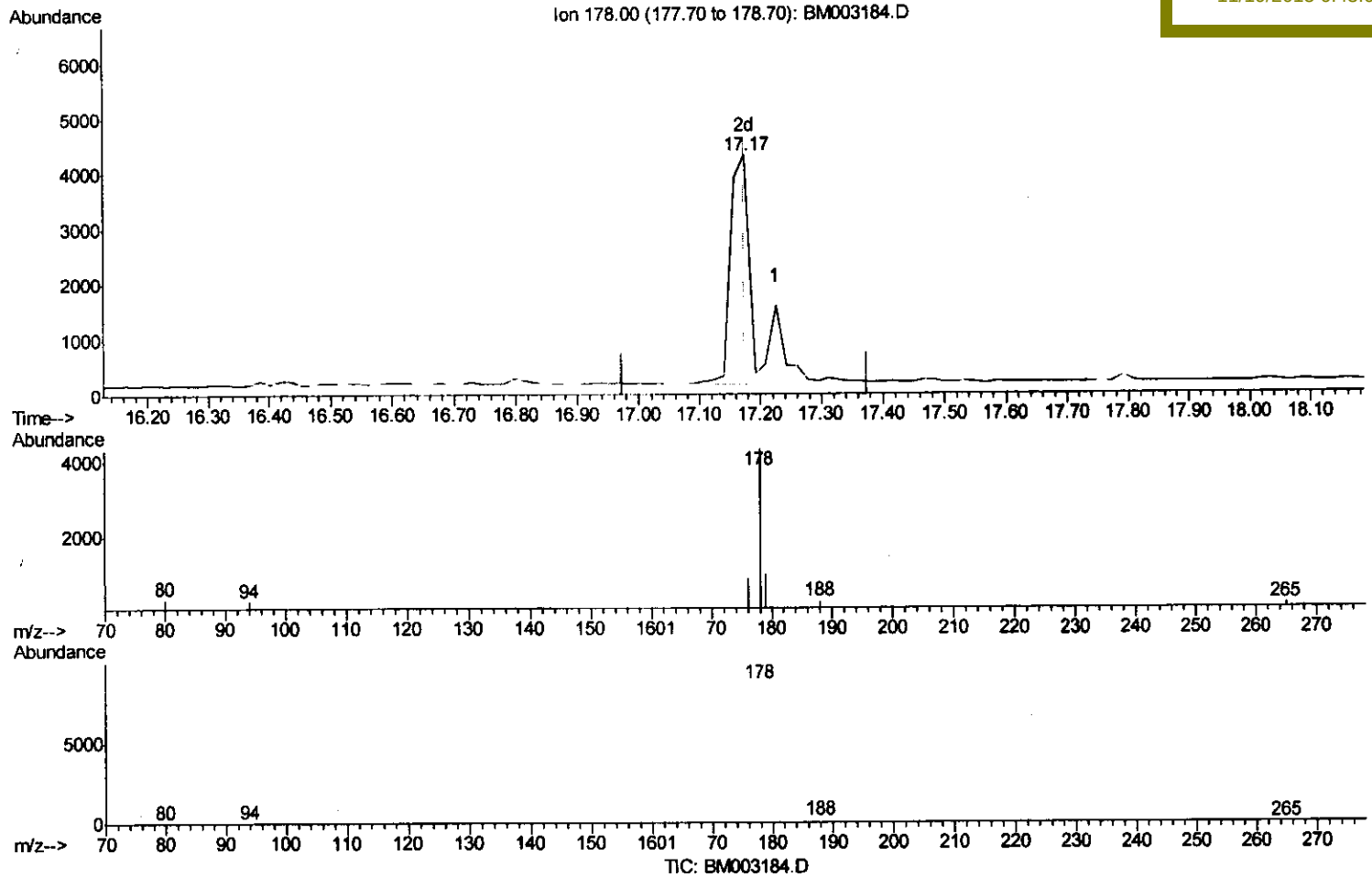
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003184.D
 Acq On : 19 Nov 2015 05:47
 Operator : UM/IZ
 Sample : G4323-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HW2

Quant Time: Nov 19 07:17:17 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

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:43:04 PM



(14) Phenanthrene

17.174min (-0.000) 0.02ng/ul m

response 8461

> U.N.
 11/21/15

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	19.70#
179.00	17.70	22.45#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003184.D
 Acq On : 19 Nov 2015 05:47
 Operator : UM/IZ
 Sample : G4323-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HW2

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:43:04 PM

Quant Time: Nov 19 07:27:35 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	25285	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	98707	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	57718	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	125263m	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	169482	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	169568	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	102010	3.78	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	27883	0.21	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	48921	0.16	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.58	128	3197	0.01	ng/ul#	86
13) Pentachlorophenol	16.78	266	1023	0.03	ng/ul#	14
14) Phenanthrene	17.17	178	8461m	0.02	ng/ul	

U.M.
 11/21/15

U.M.
 11/21/15

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