

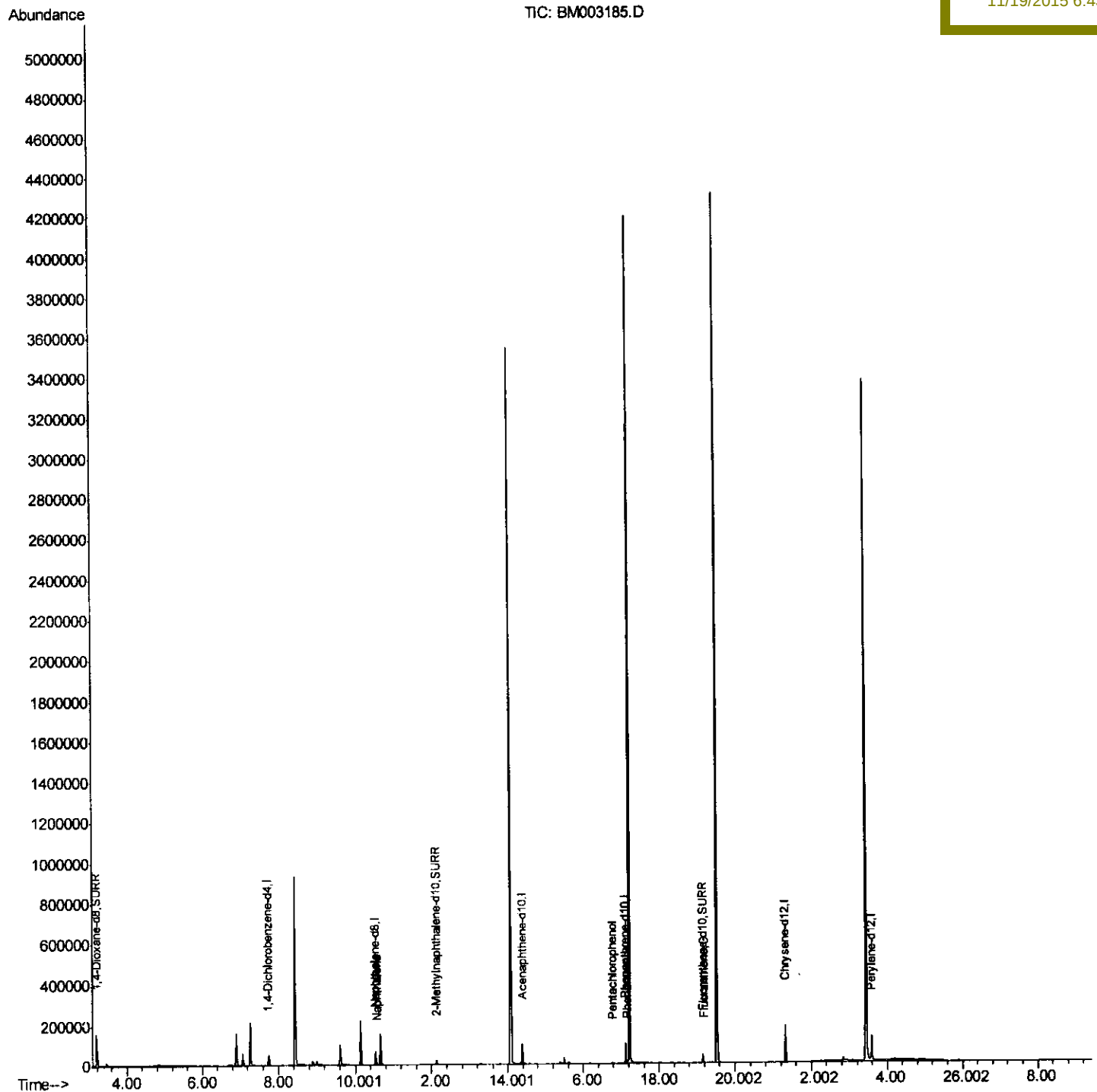
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003185.D
Acq On : 19 Nov 2015 06:23
Operator : UM/IZ
Sample : G4323-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4HW3

Quant Time: Nov 19 07:47:08 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 6:43:02 PM



Quantitation Report (Qedit)

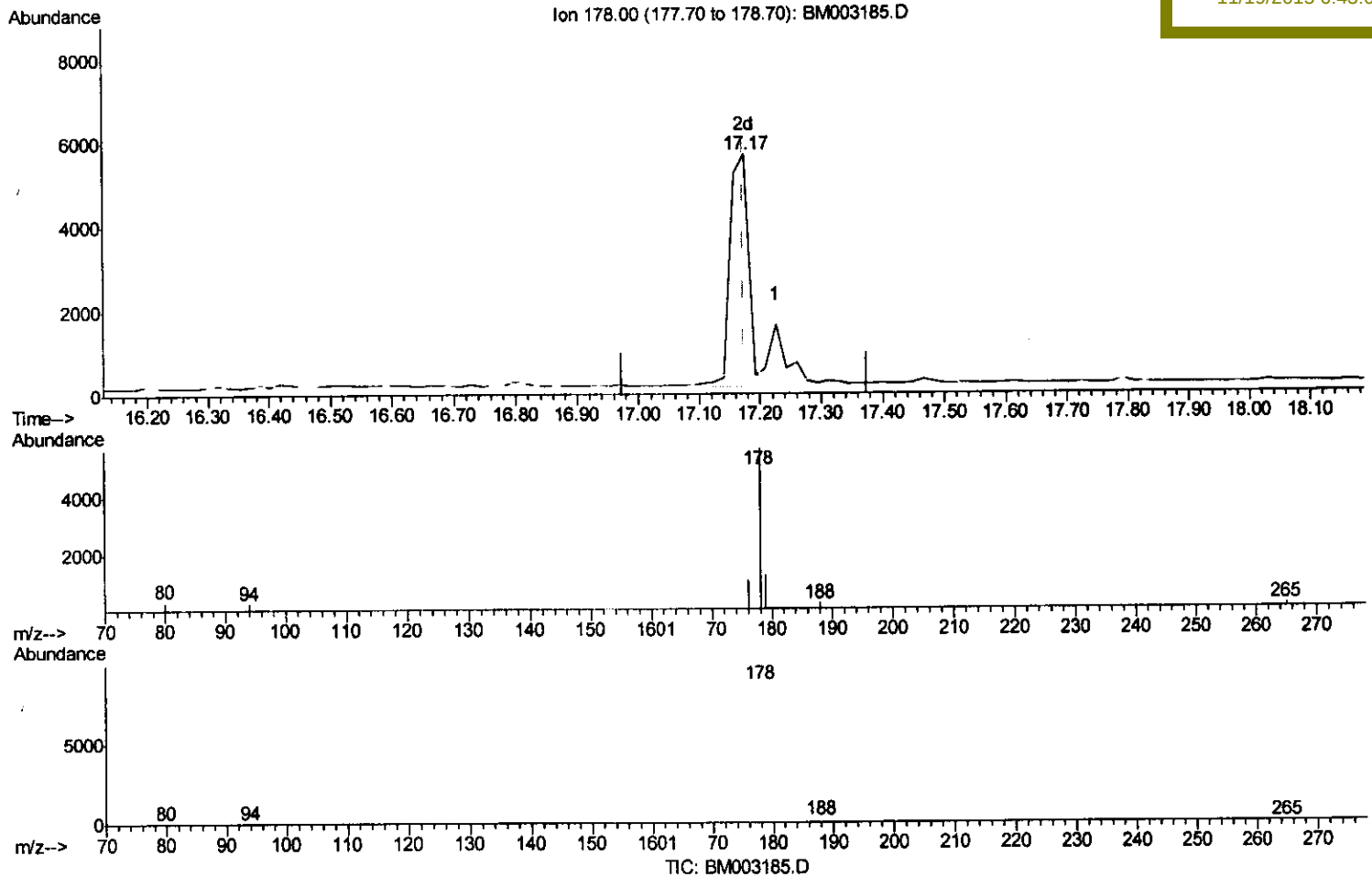
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Instrument :
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 ClientSampleId :
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Quant Time: Nov 19 07:29:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(14) Phenanthrene

17.174min (+0.000) 0.03ng/ul m

response 11340

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	18.76
179.00	17.70	21.35#
0.00	0.00	0.00

> U.M.
 11/21/15

Quantitation Report (Qedit)

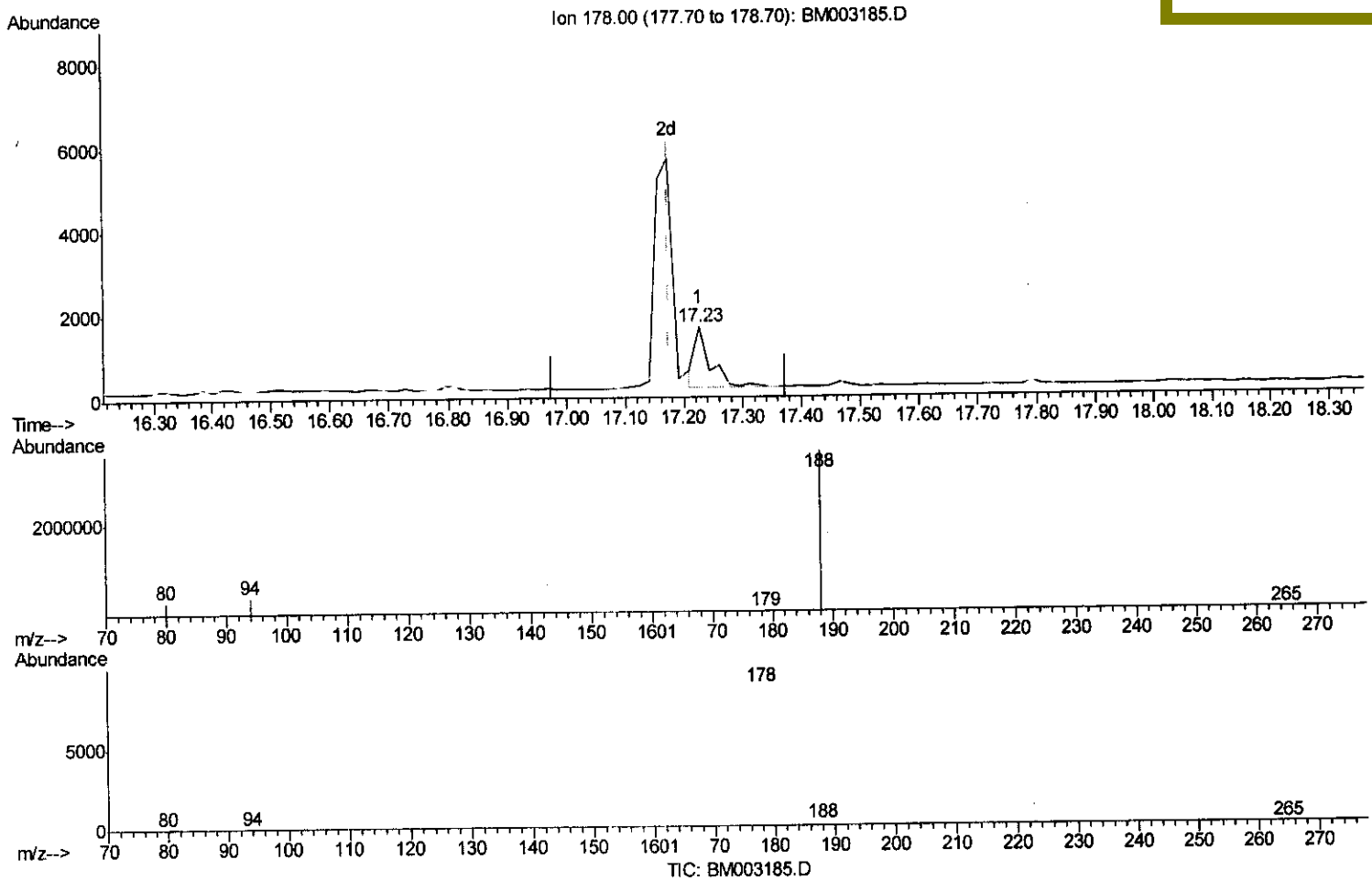
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
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 Operator : UM/IZ
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Manual Integrations
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Mmdadoda
 11/19/2015 6:43:02 PM

Quant Time: Nov 19 07:29:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
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 Response via : Initial Calibration



(14) Phenanthrene

17.226min (+0.052) 0.01ng/ul

response 2592

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	13.24
179.00	17.70	271.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003185.D
 Acq On : 19 Nov 2015 06:23
 Operator : UM/IZ
 Sample : G4323-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

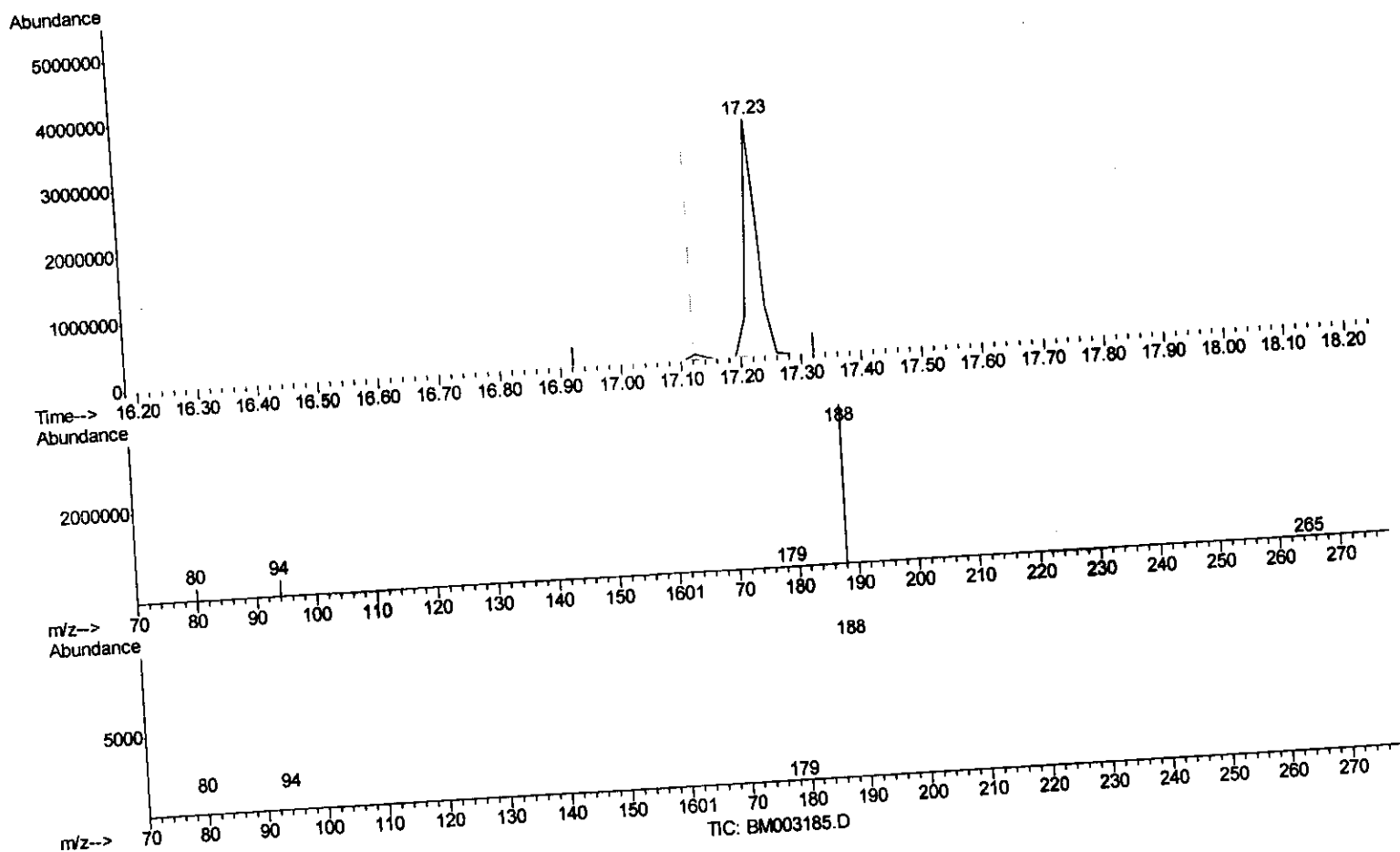
Instrument :
 BNA_M
 ClientSampleId :
 A4HW3

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:43:02 PM

Quant Time: Nov 19 07:17:35 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

Ion 188.00 (187.70 to 188.70): BM003185.D



(12) Phenanthrene-d10 (I)

17.226min (+0.103) 0.40ng/ul

response 5063854

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.29
80.00	11.90	7.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

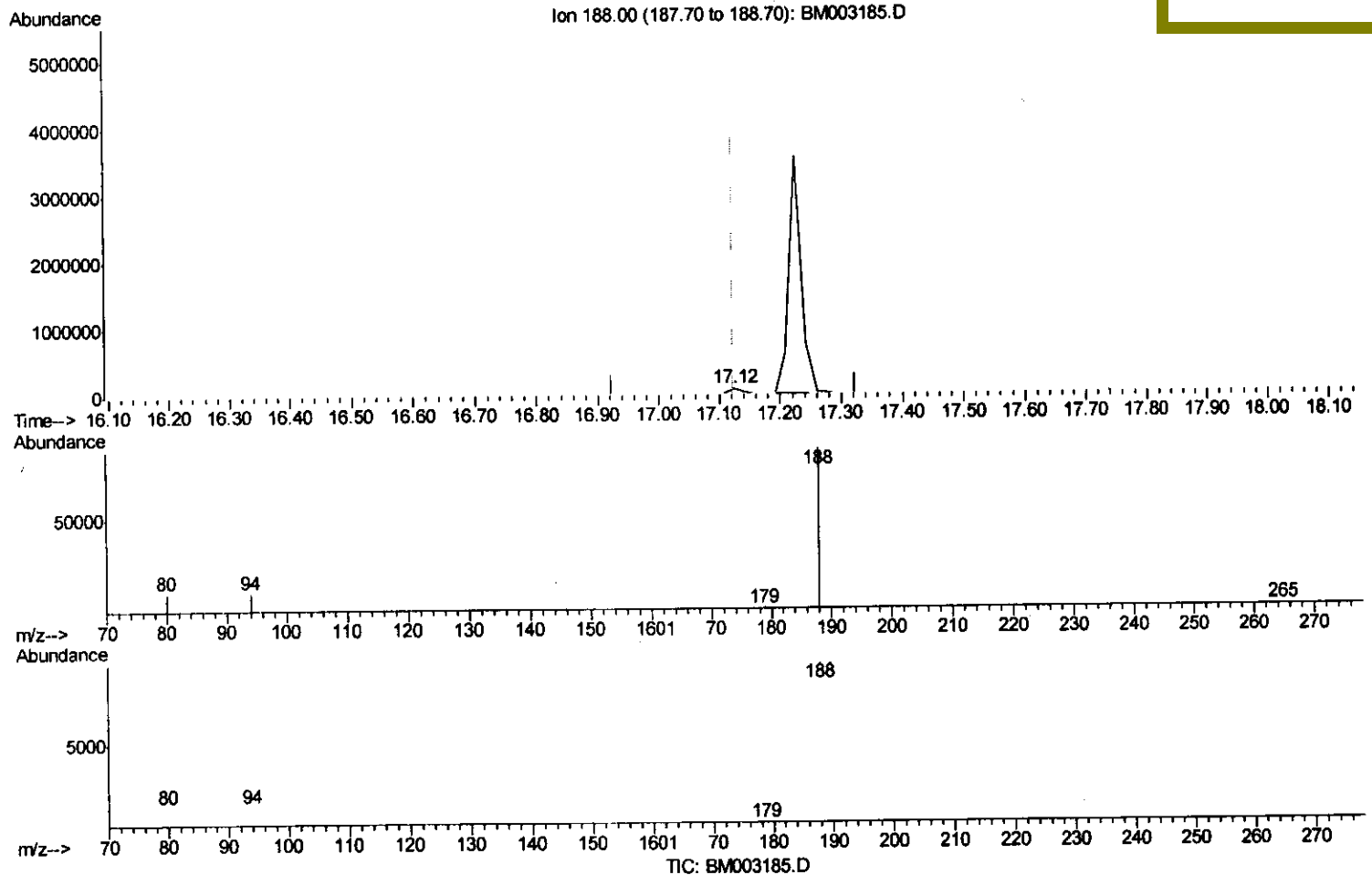
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003185.D
 Acq On : 19 Nov 2015 06:23
 Operator : UM/IZ
 Sample : G4323-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HW3

Quant Time: Nov 19 07:17:35 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
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Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:43:02 PM



(12) Phenanthrene-d10 (I)

17.123min (+0.000) 0.40ng/ul m

response 132438

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.32
80.00	11.90	11.34
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
 Data File : BM003185.D
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 Operator : UM/IZ
 Sample : G4323-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HW3

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:43:02 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	26274	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	103614	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	60440	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	132438m	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	180835	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	177312	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	116704	4.16	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	30253	0.21	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	53607	0.17	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.58	128	4071	0.02	ng/ul#	88
13) Pentachlorophenol	16.78	266	1096	0.04	ng/ul#	19
14) Phenanthrene	17.17	178	11340m	0.03	ng/ul	
17) Fluoranthene	19.19	202	4090	0.01	ng/ul	84

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 11/21/15

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