Quantitation Report (QT Reviewed)

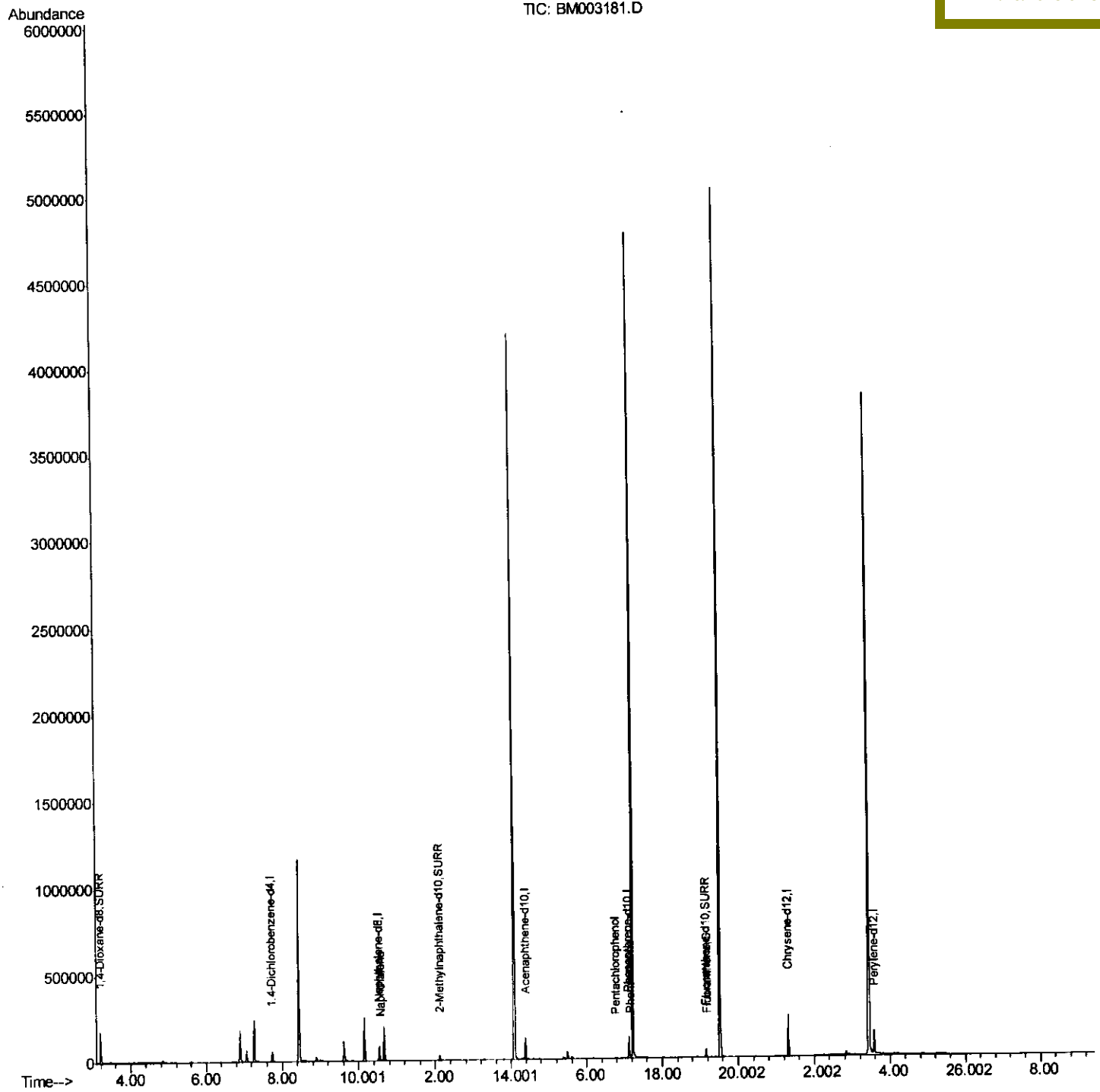
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003181.D
Acq On : 19 Nov 2015 03:58
Operator : UM/IZ
Sample : G4323-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 19 07:20:28 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 :
A4HT9

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:43:00 PM

TIC: BM003181.D



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003181.D
Acq On : 19 Nov 2015 03:58
Operator : UM/IZ
Sample : G4323-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 19 07:16:25 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 :
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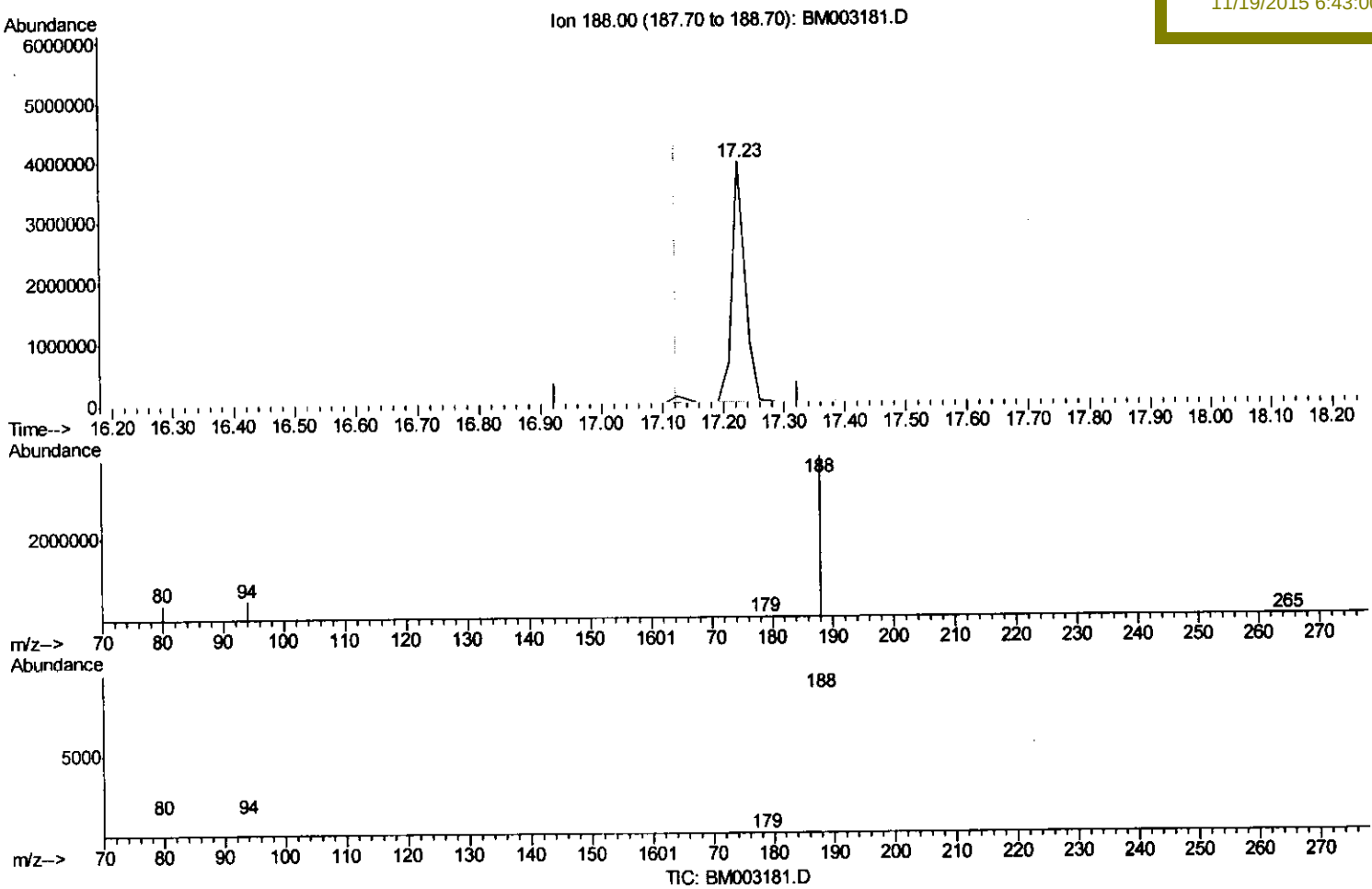
Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:43:00 PM



(12) Phenanthrene-d10 (I)

17.226min (+0.103) 0.40ng/ul

response 5760502

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.63
80.00	11.90	9.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

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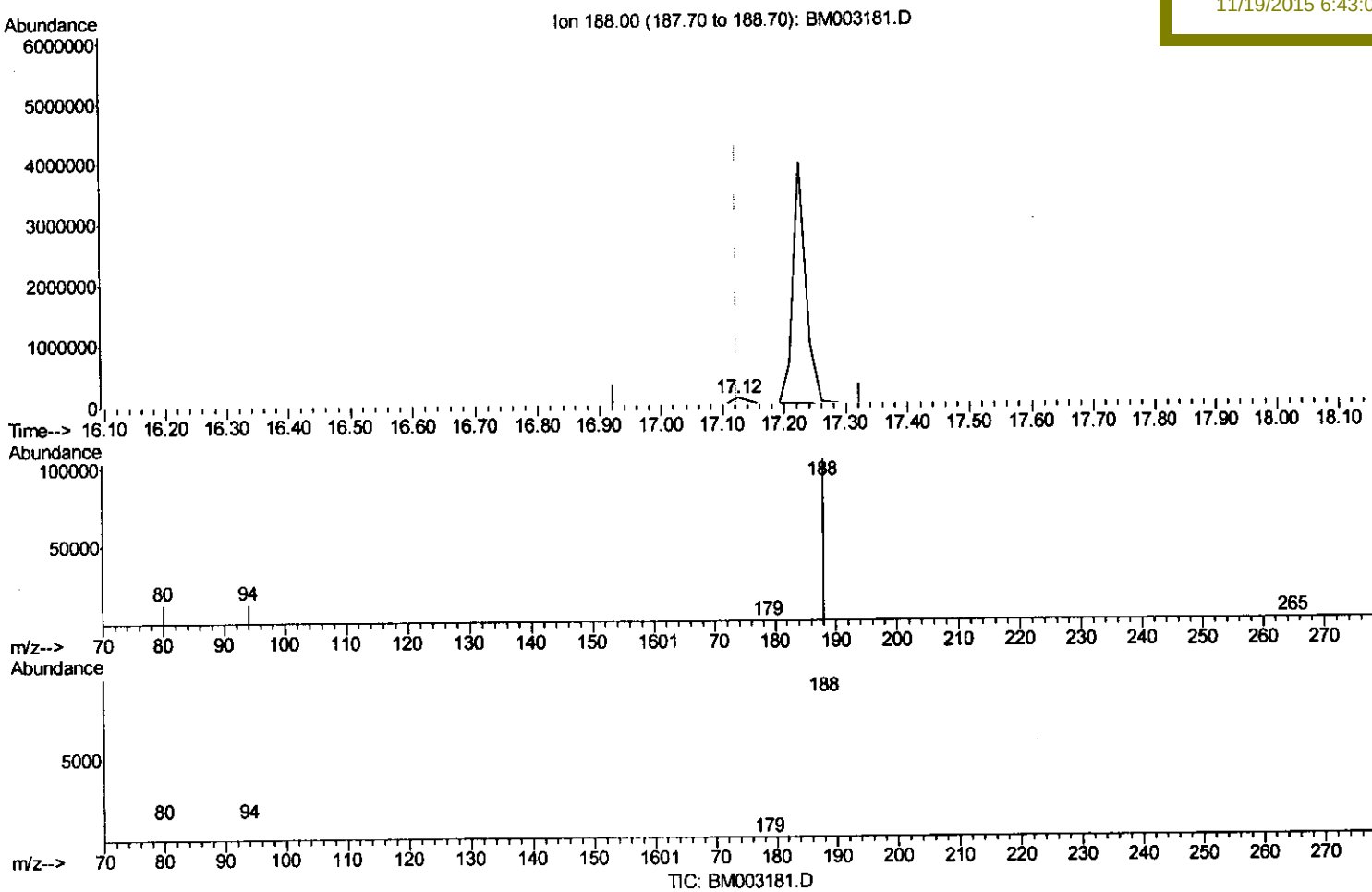
BNA_M
ClientSampleId :
A4HT9

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:43:00 PM



TIC: BM003181.D

(12) Phenanthrene-d10 (I)

17.123min (+0.000) 0.40ng/ul m

response 162315

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.93
80.00	11.90	11.95
0.00	0.00	0.00

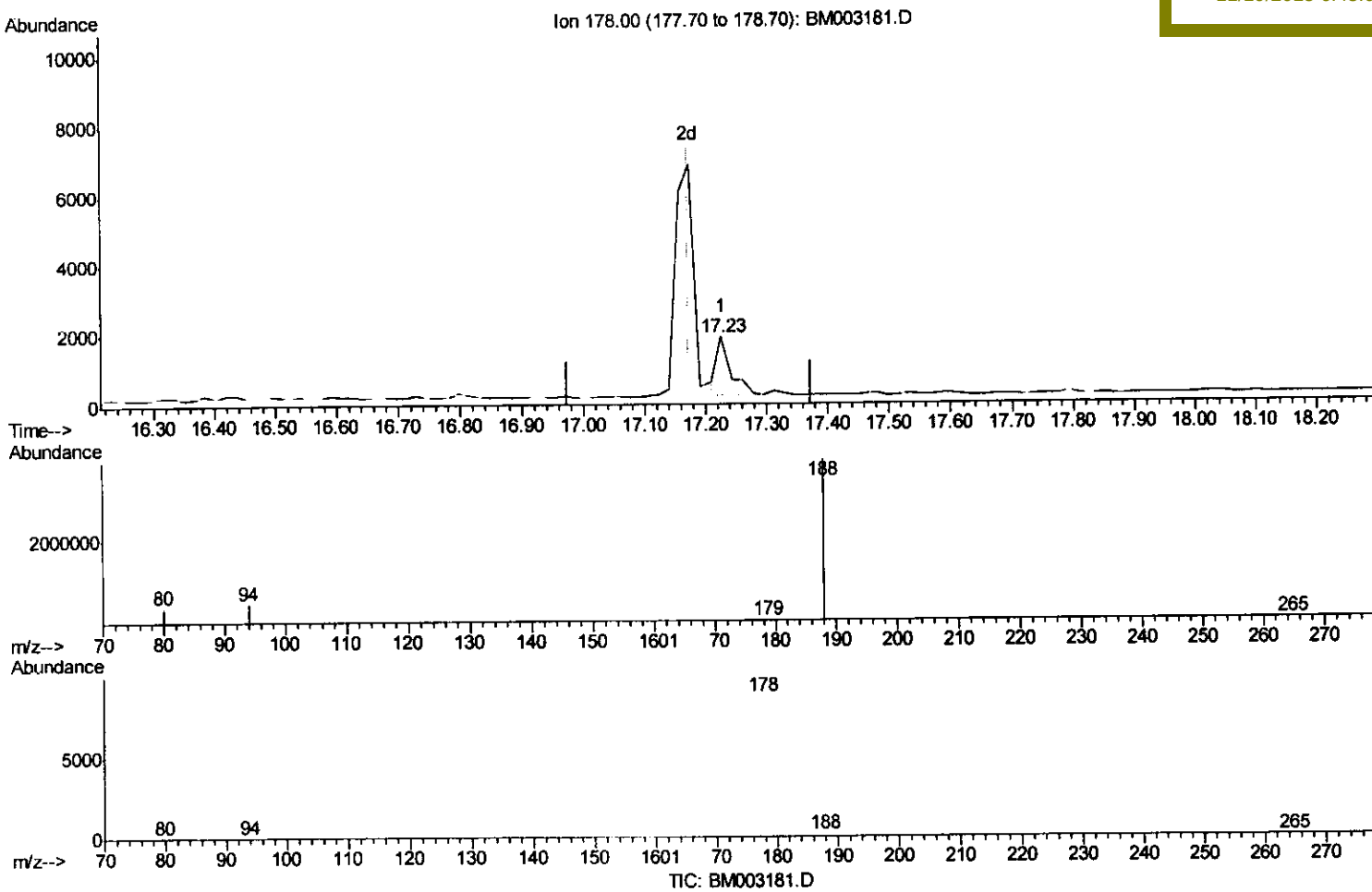
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003181.D
Acq On : 19 Nov 2015 03:58
Operator : UM/IZ
Sample : G4323-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 19 07:16:25 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 :
A4HT9

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:43:00 PM



TIC: BM003181.D

(14) Phenanthrene

17.226min (+0.052) 0.01ng/ul

response 2634

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	12.11#
179.00	17.70	262.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

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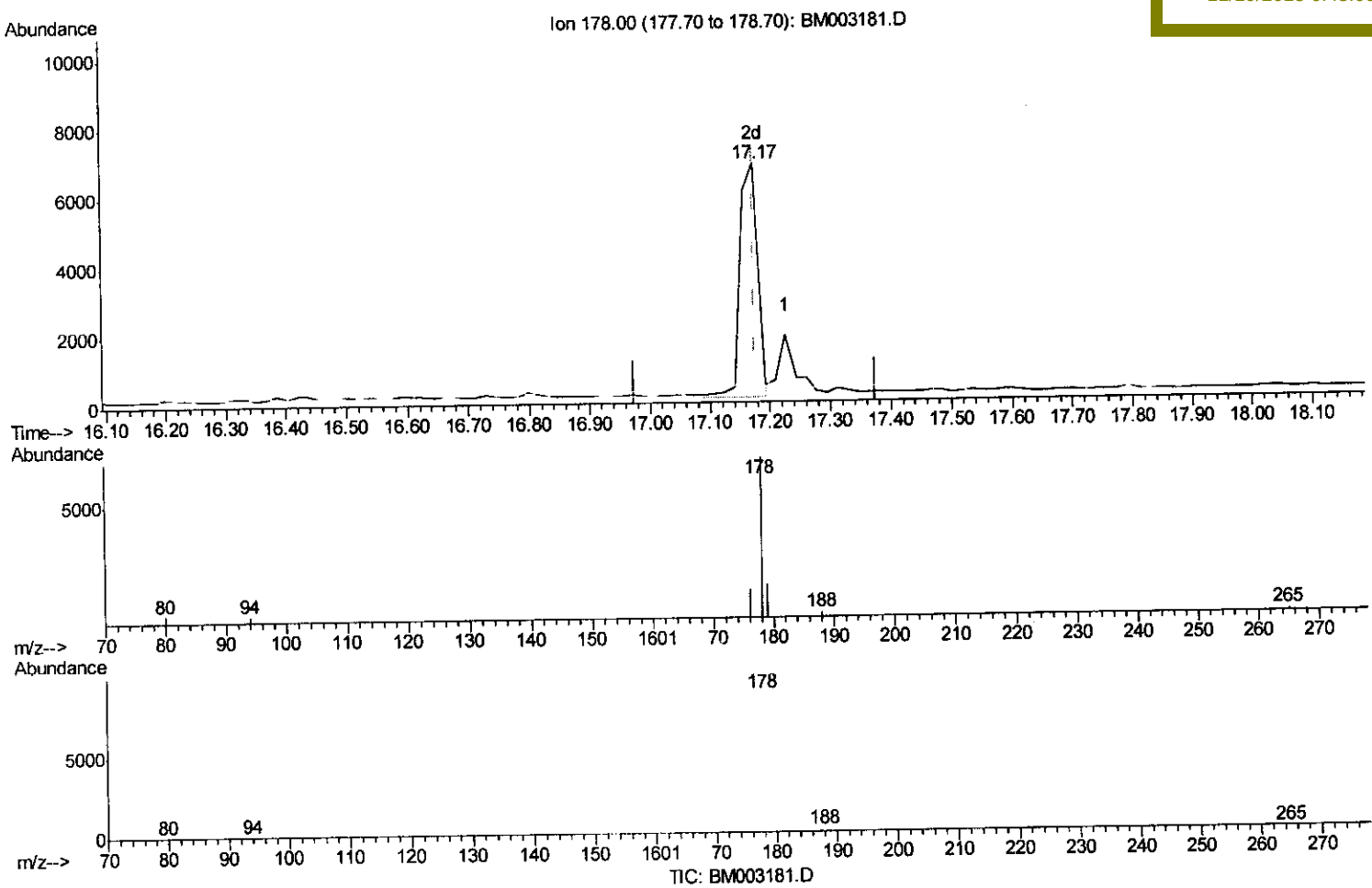
Operator : UM/IZ
Sample : G4323-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 19 07:16:25 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 :
A4HT9

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:43:00 PM



(14) Phenanthrene

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

response 13939

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	18.95
179.00	17.70	21.50#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111815\
Data File : BM003181.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 03:20:59 2015
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Instrument : BNA_M
ClientSampleId : A4HT9

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:43:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	31034	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	123994	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	73792	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	162315m	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	219791	0.40	ng/ul	0.00
22) Perylene-d12	23.57	264	209667	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	125124	3.77	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	35257	0.21	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	63074	0.16	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.58	128	6946	0.02	ng/ul#	92
13) Pentachlorophenol	16.78	266	1124	0.03	ng/ul#	16
14) Phenanthrene	17.17	178	13939m	0.03	ng/ul	
17) Fluoranthene	19.19	202	1759	0.00	ng/ul#	53

UM 11/21/15

UM 11/21/15

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