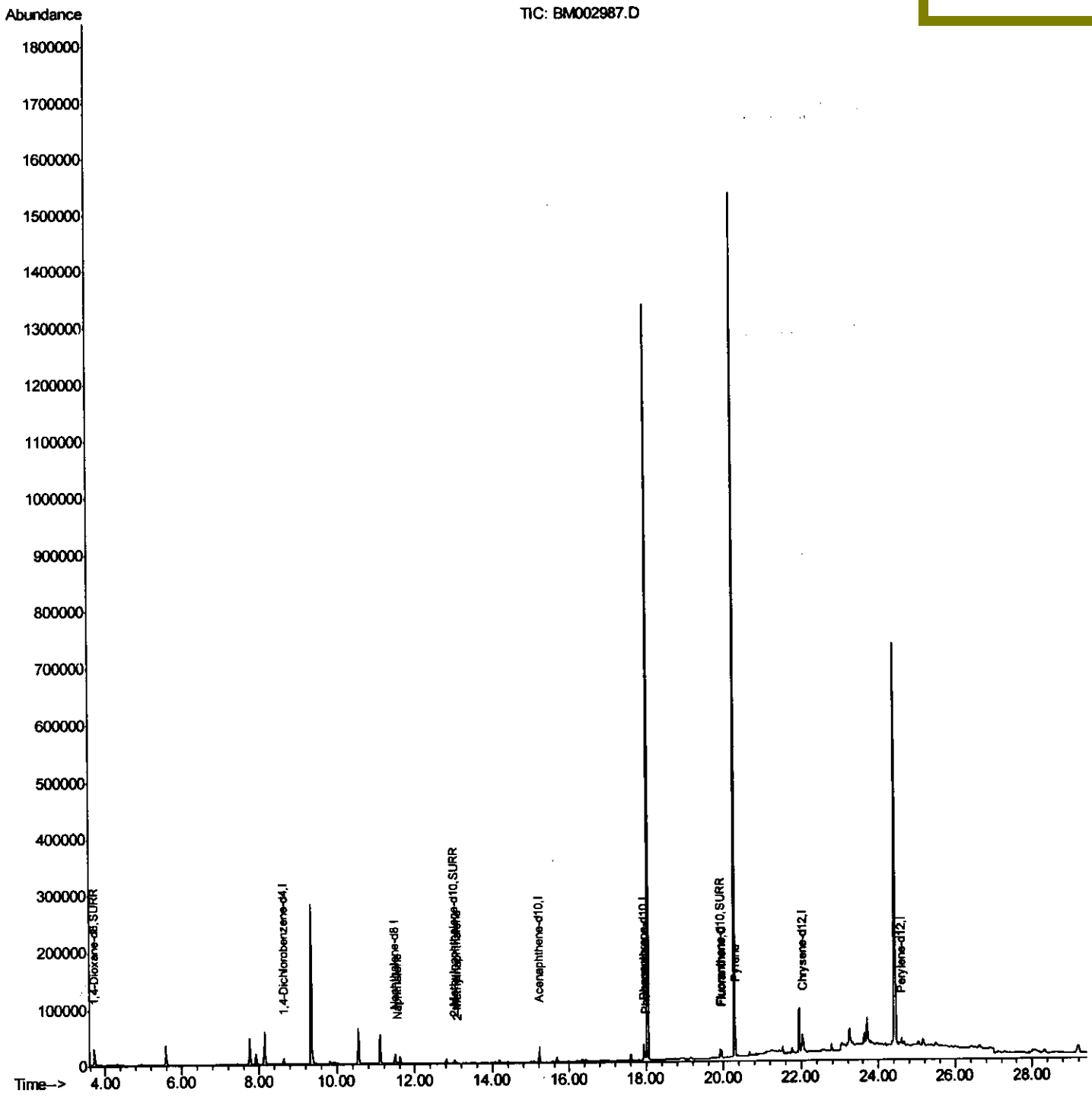
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
Data File : BM002987.D
Acq On : 22 Oct 2015 21:14
Operator : UM/IZ
Sample : G4074-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 23 05:44:08 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:55:29 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JG9H2

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:43:41 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
Data File : BM002987.D
Acq On : 22 Oct 2015 21:14
Operator : UM/IZ
Sample : G4074-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 23 02:01:38 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:55:29 2015
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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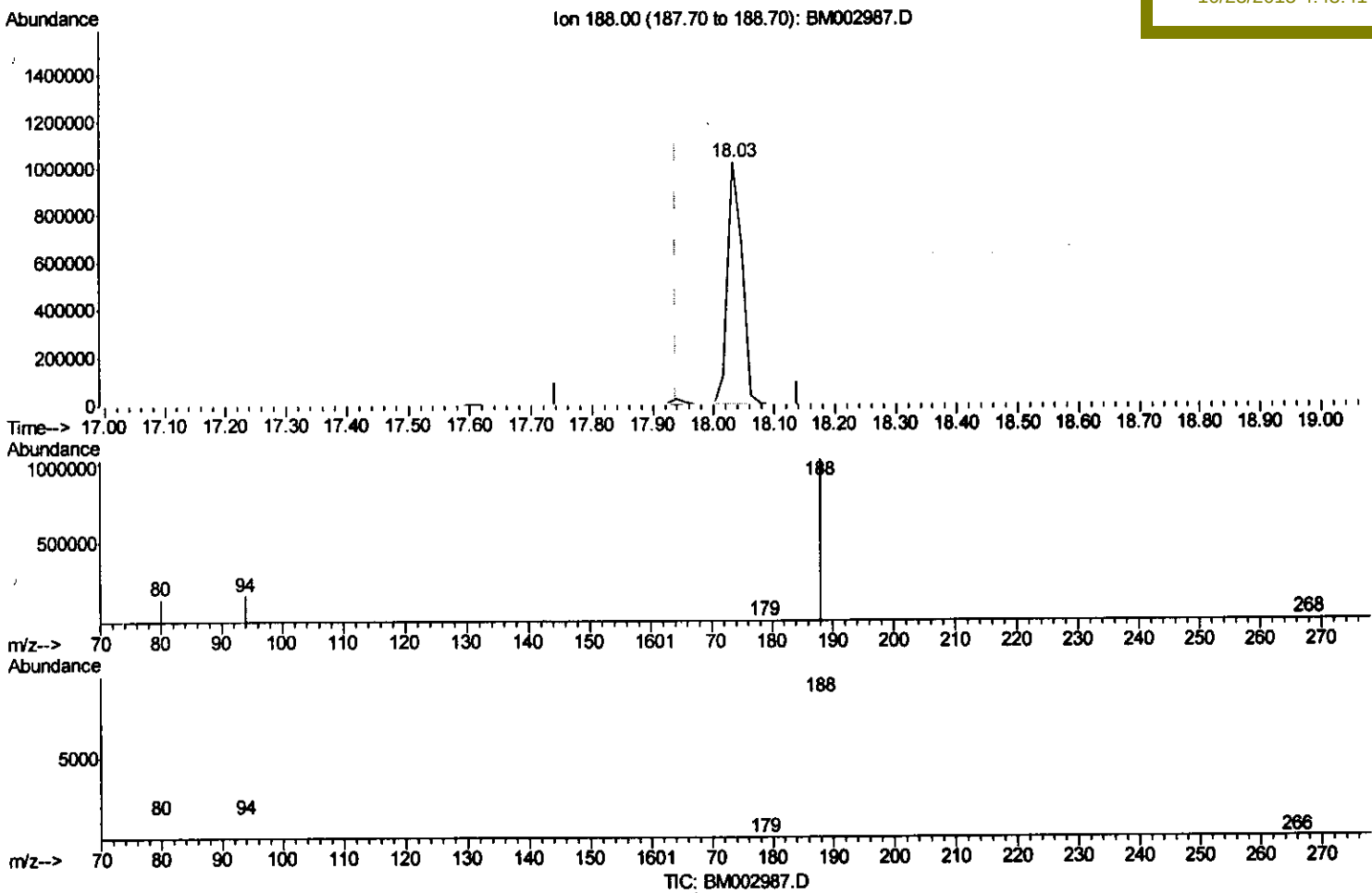

(12) Phenanthrene-d10 (I)

18.031min (+0.093) 0.40ng/ul

response 1725233

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	16.35#
80.00	8.90	13.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

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mmdadoda
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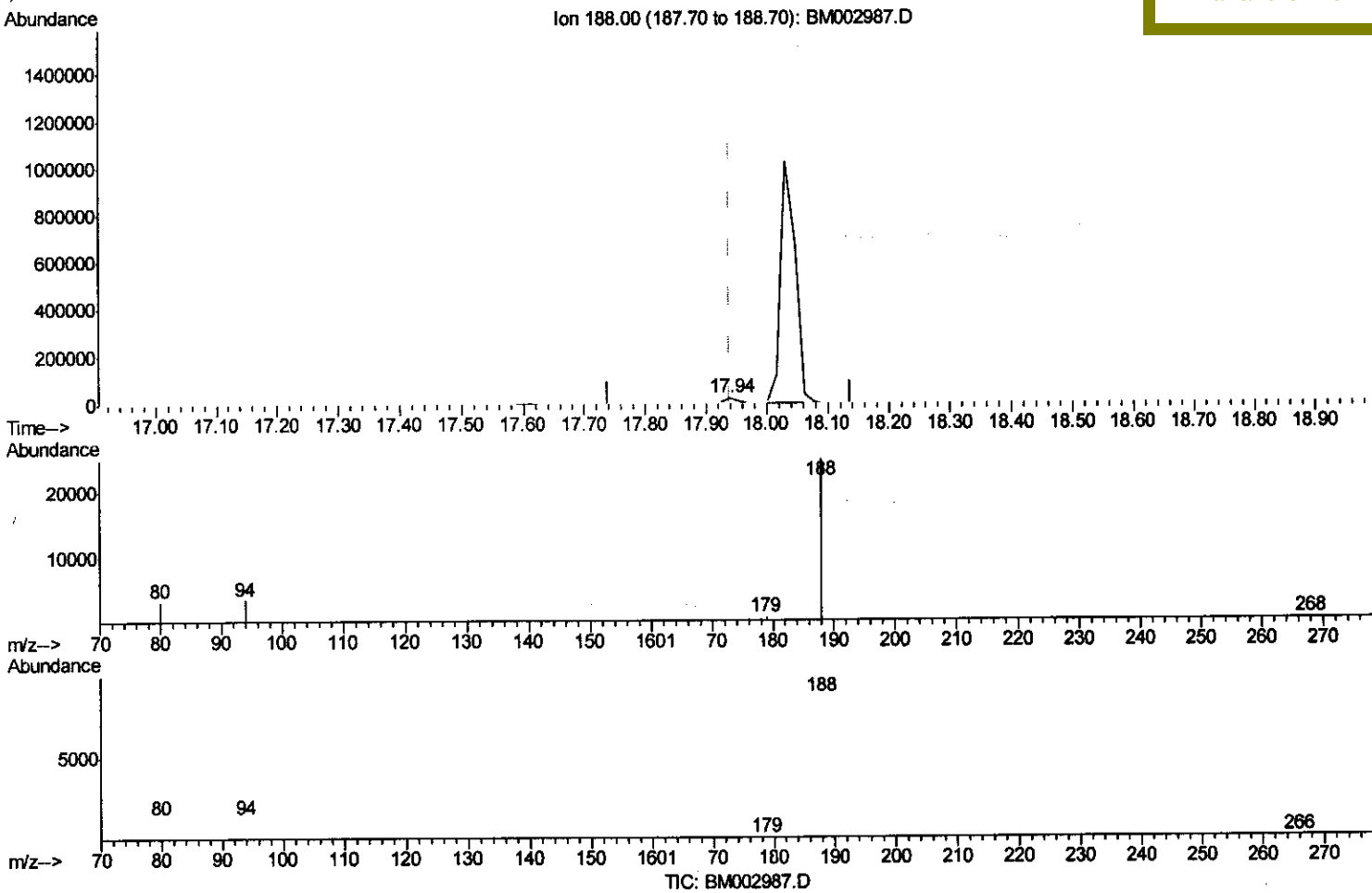

(12) Phenanthrene-d10 (I)

17.938min (-0.000) 0.40ng/ul m U.M 10/27/15

response 36977

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	13.79#
80.00	8.90	12.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/IZ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 23 05:38:33 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
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QLast Update : Fri Oct 23 01:55:29 2015
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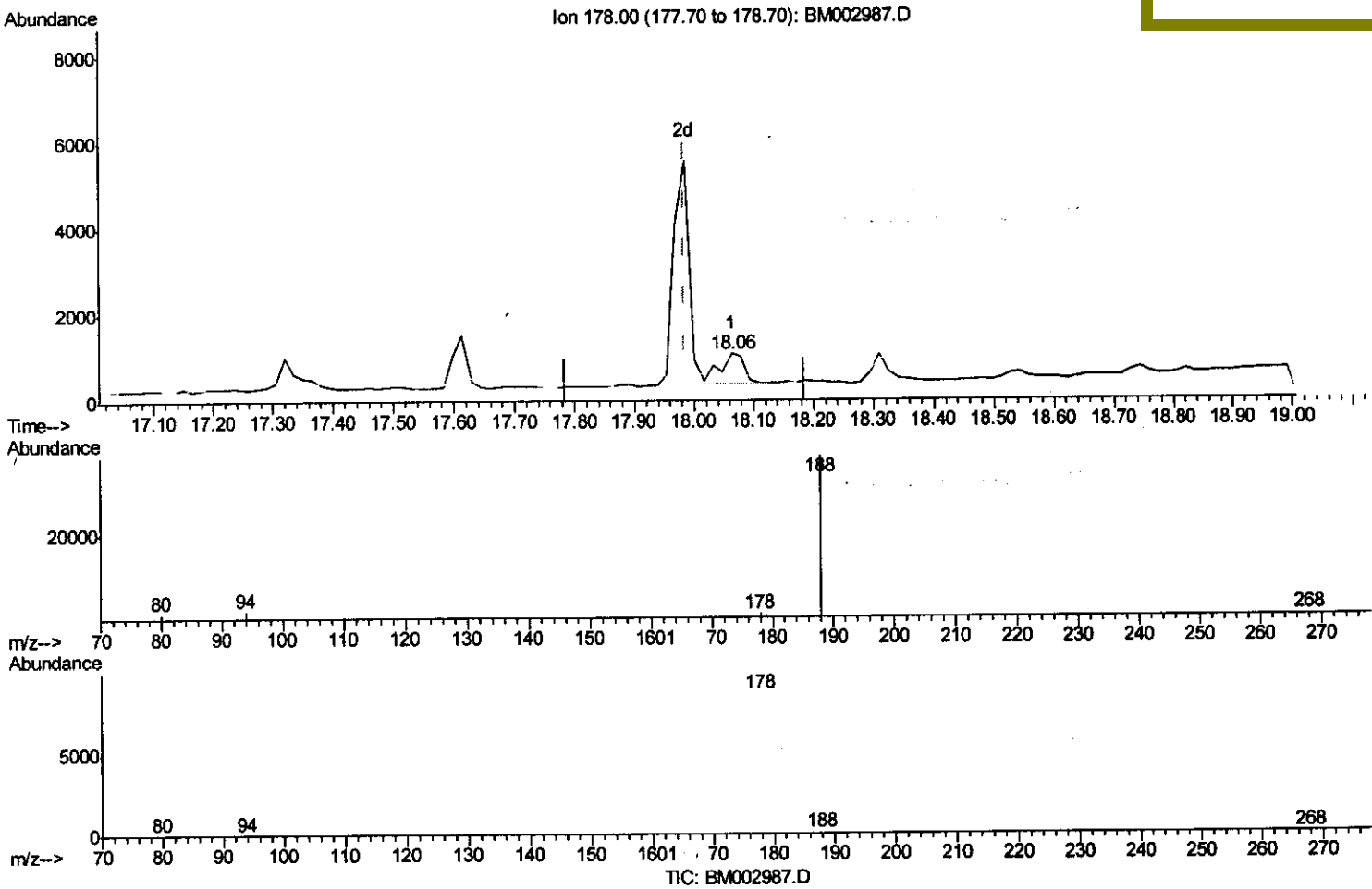
Instrument :
BNA_M
ClientSampleId :
JG9H2

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:43:41 PM



(14) Phenanthrene

18.062min (+0.077) 0.02ng/ul

response 1997

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	42.57#
179.00	16.00	65.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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mmdadoda
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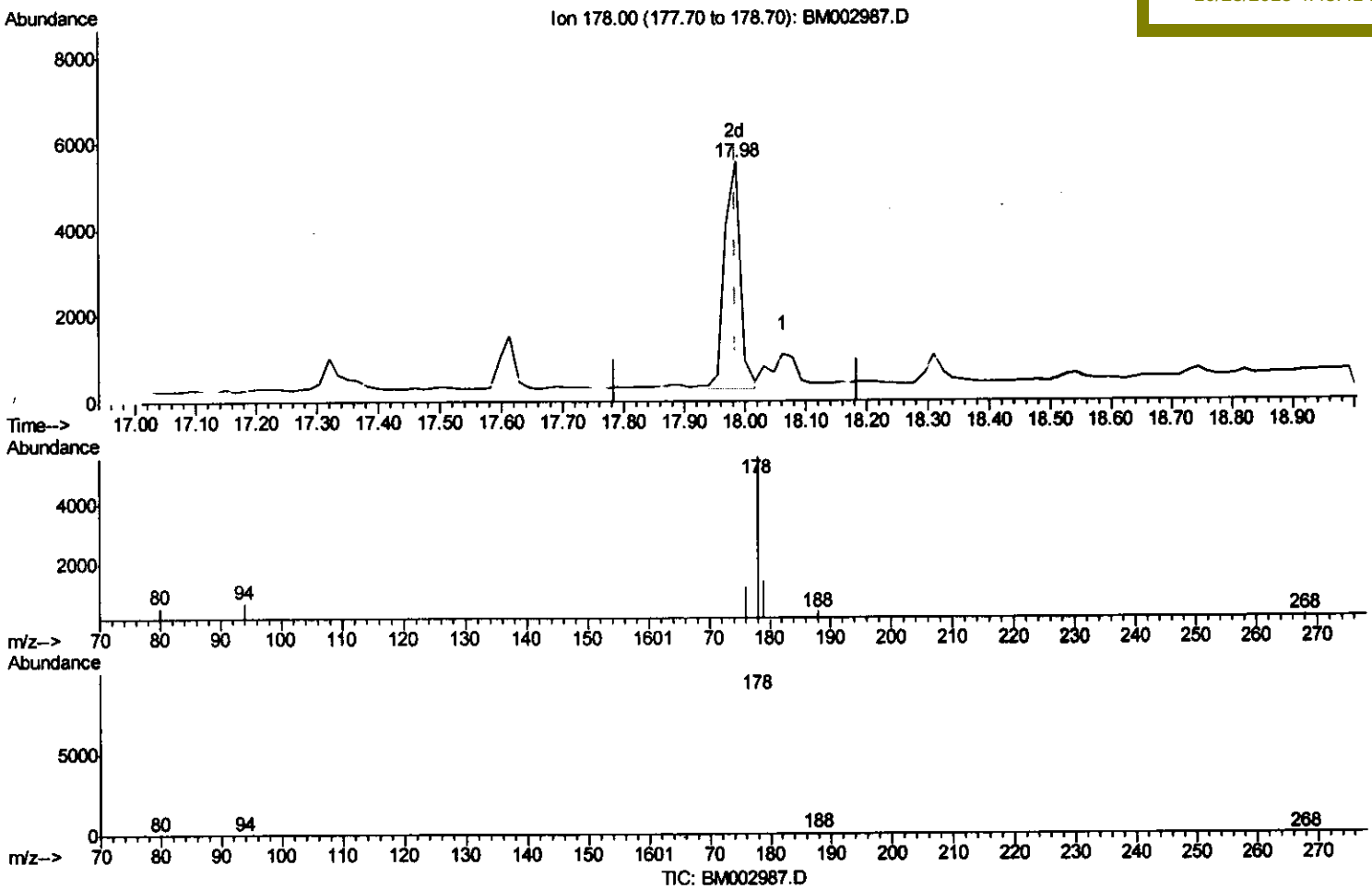

(14) Phenanthrene

17.985min (-0.000) 0.08ng/ul m U.M 10/27/15

response 9496

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	20.99
179.00	16.00	24.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/IZ
Sample : G4074-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 23 05:40:20 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM102215.M
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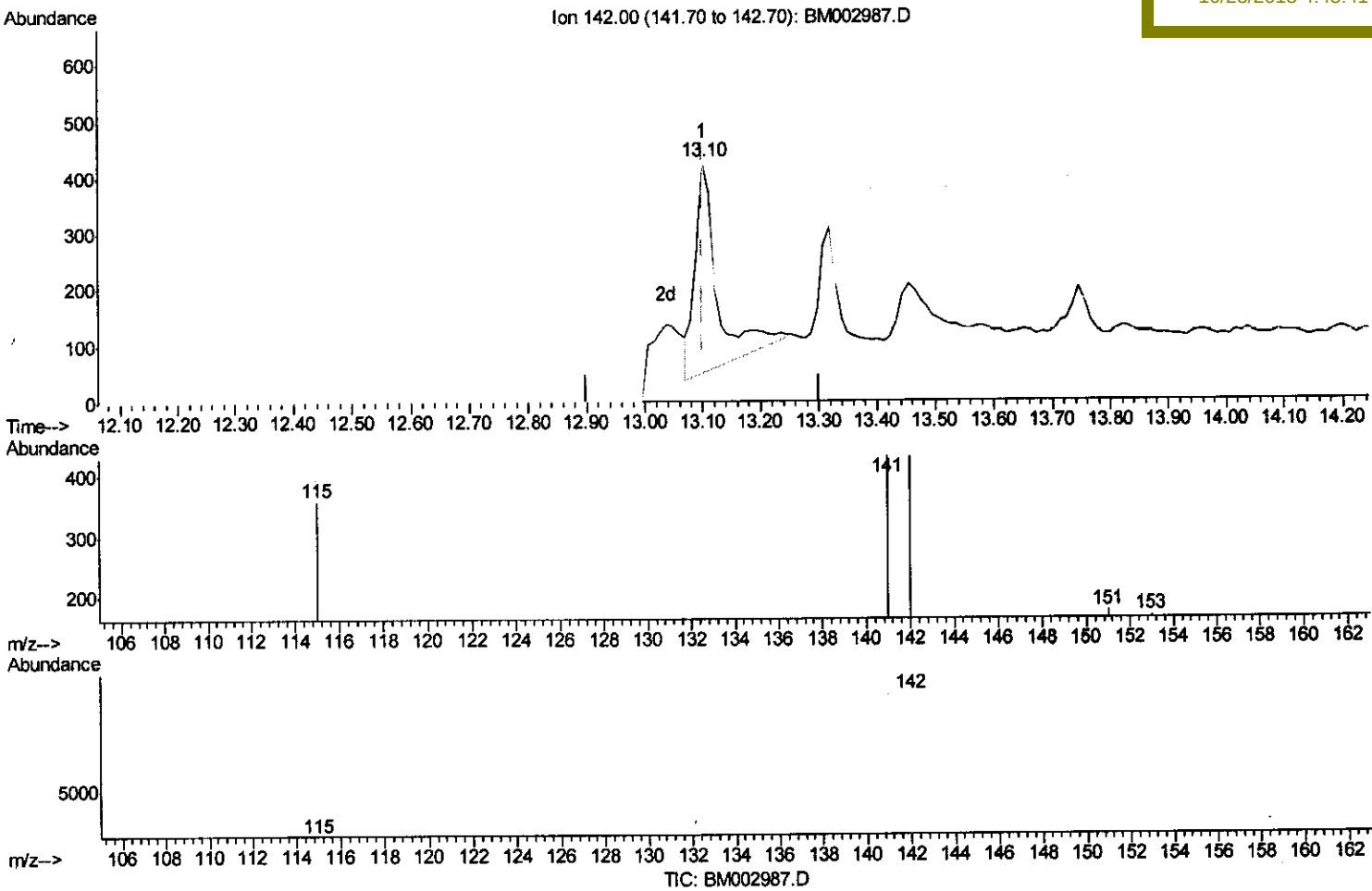
BNA_M
ClientSampleId :
JG9H2

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:43:41 PM



TIC: BM002987.D

(7) 2-Methylnaphthalene

13.100min (-0.000) 0.02ng/ul

response 988

Ion	Exp%	Act%
142.00	100	100
141.00	87.90	101.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 17 Sample Multiplier: 1

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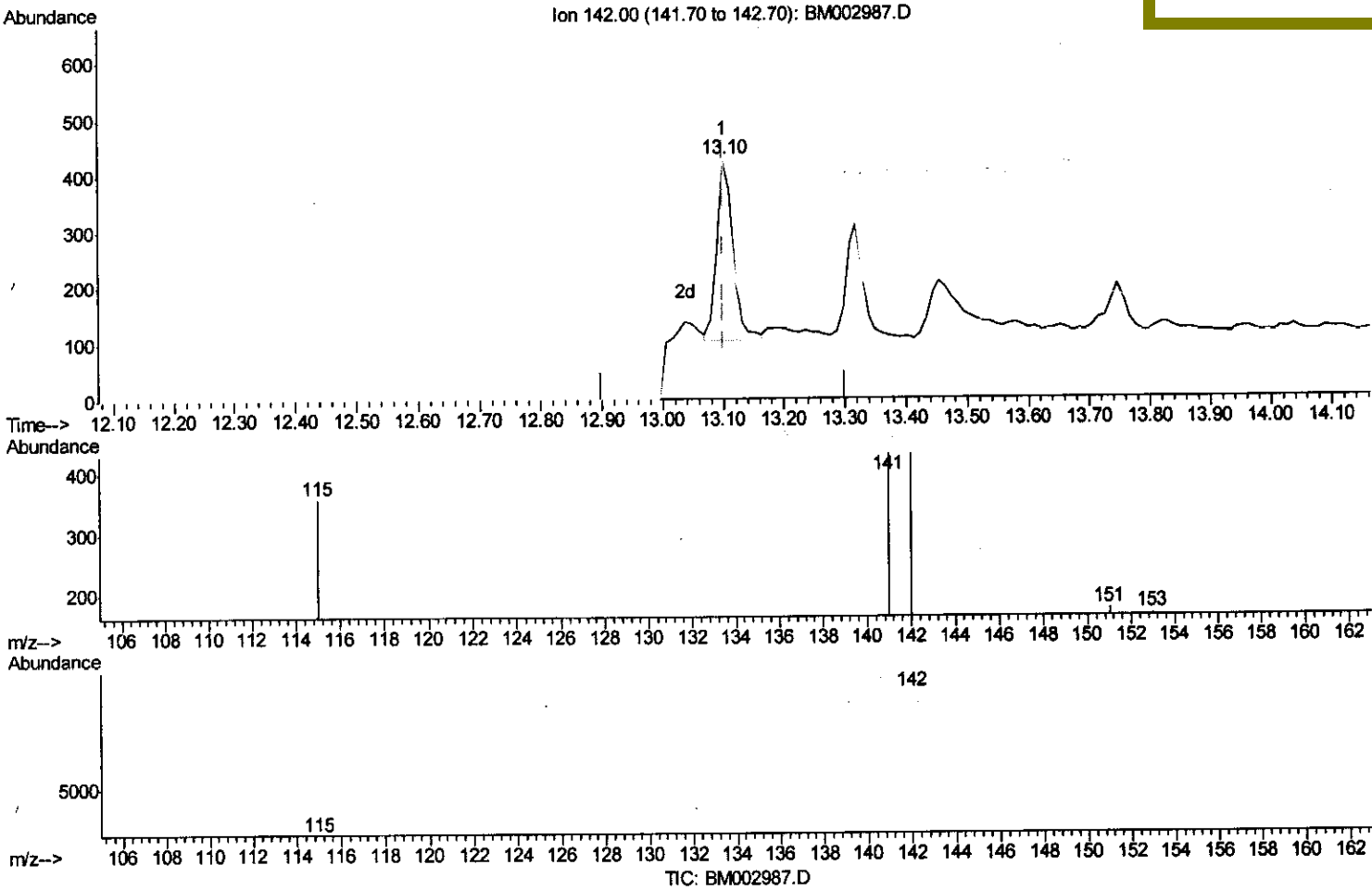
BNA_M
ClientSampleId :
JG9H2

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:43:41 PM



(7) 2-Methylnaphthalene

13.100min (-0.000) 0.01ng/ul m UM 10/27/15

response 599

Ion	Exp%	Act%
142.00	100	100
141.00	87.90	168.11#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	7198	0.40	ng/ul	0.00
4) Naphthalene-d8	11.48	136	31327	0.40	ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	17507	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.94	188	36977m	0.40	ng/ul	0.00
18) Chrysene-d12	22.03	240	26826	0.40	ng/ul	0.00
22) Perylene-d12	24.60	264	23858	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	25563	3.32	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.03	152	11080	0.21	ng/ul	-0.01
16) Fluoranthene-d10	19.93	212	20589	0.21	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	11.54	128	2449	0.03	ng/ul#	82
7) 2-Methylnaphthalene	13.10	142	599m	0.01	ng/ul	
14) Phenanthrene	17.98	178	9496m	0.08	ng/ul	
17) Fluoranthene	19.95	202	13825	0.10	ng/ul	78
19) Pyrene	20.30	202	15621	0.16	ng/ul#	73

U.M 10/27/15

U.M 10/27/15

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