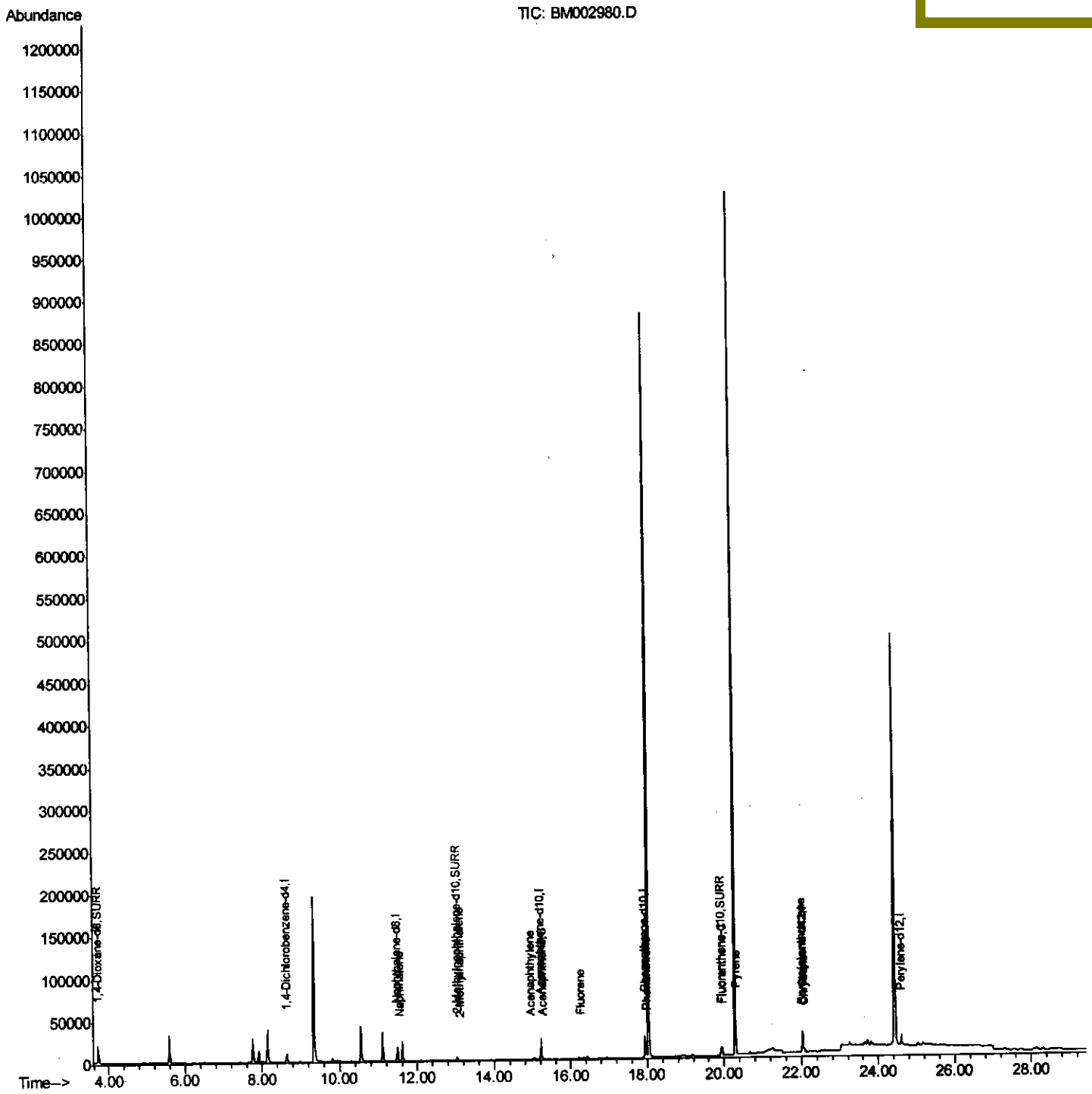
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102315\
Data File : BM002980.D
Acq On : 22 Oct 2015 16:58
Operator : UM/IZ
Sample : G4074-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 23 04:25:42 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 :
JG9H7

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:43:32 PM



Quantitation Report (Qedit)

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Data File : BM002980.D
Acq On : 22 Oct 2015 16:58
Operator : UM/IZ
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Misc :
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Quant Time: Oct 23 04:22:31 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:55:29 2015
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ClientSampleId :
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Manual Integrations APPROVED
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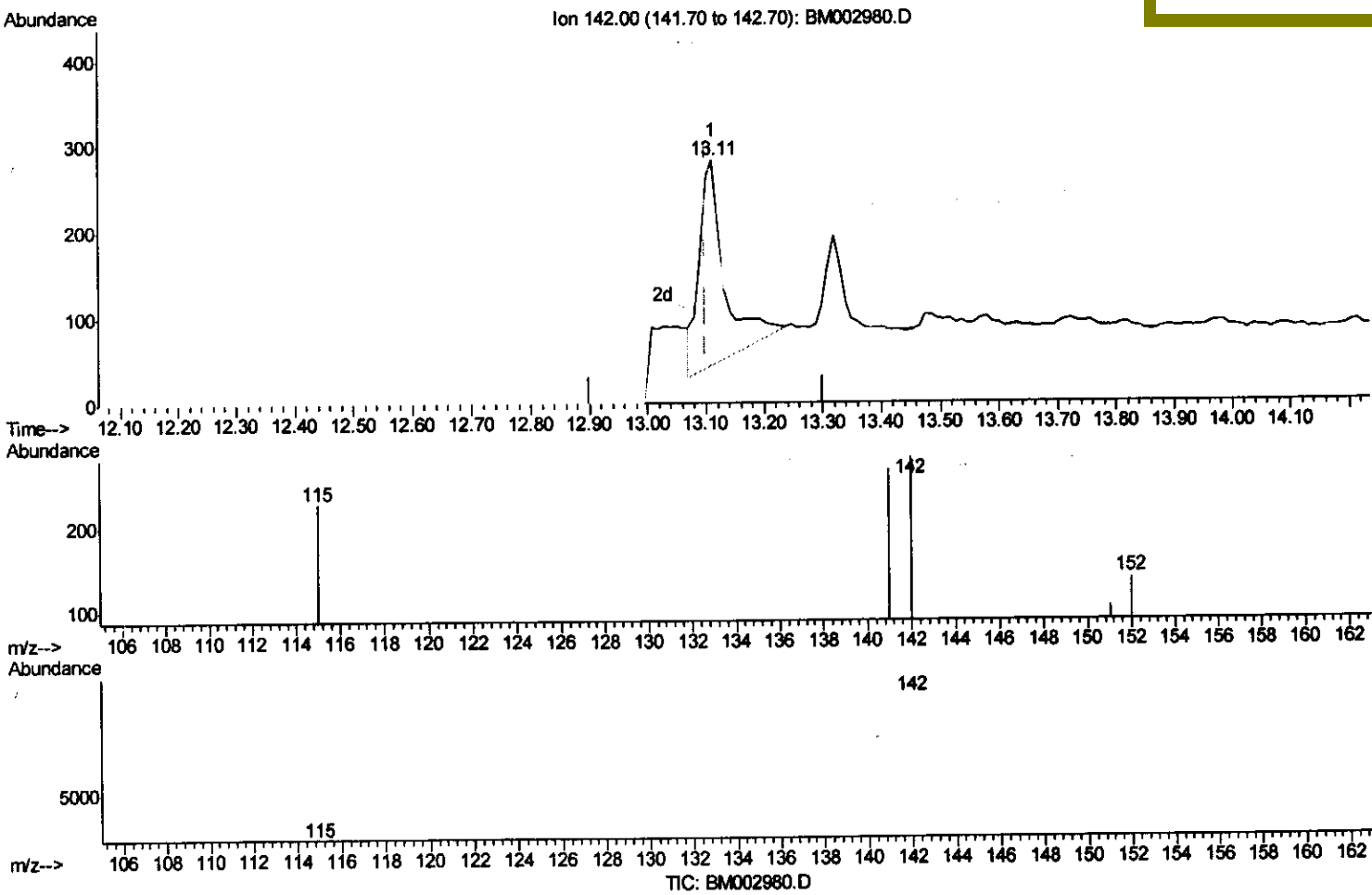
10/23/2015 4:43:32 PM



TIC: BM002980.D

(7) 2-Methylnaphthalene

13.110min (+0.010) 0.01ng/ul

response 721

Ion	Exp%	Act%
142.00	100	100
141.00	87.90	268.65#
0.00	0.00	0.00
0.00	0.00	0.00

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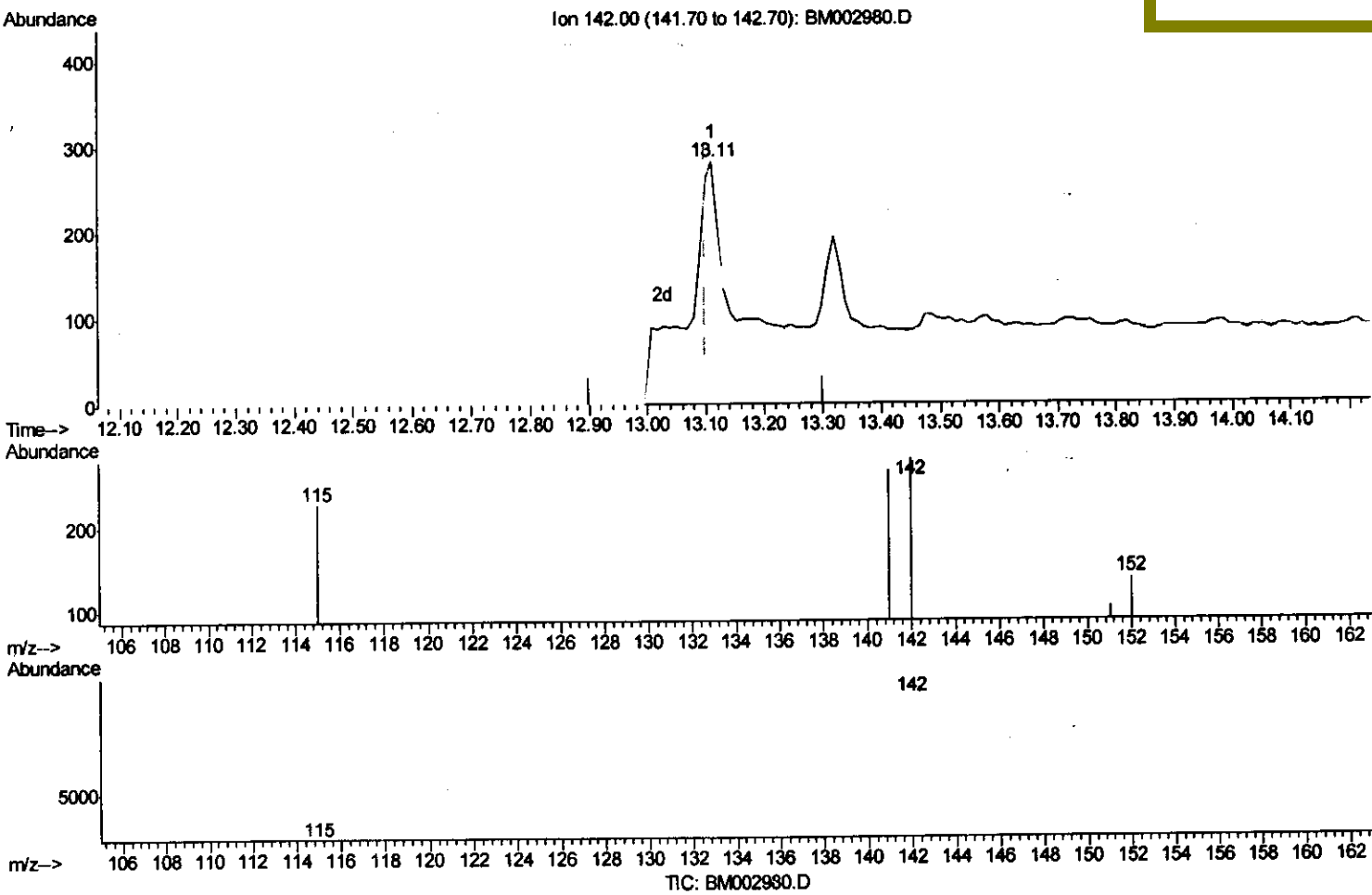
Manual Integrations APPROVED
mmdadoda
10/23/2015 4:43:32 PM



(7) 2-Methylnaphthalene

13.110min (+0.010) 0.01ng/ul m U.M 10/27/15

response 466

Ion	Exp%	Act%
142.00	100	100
141.00	87.90	415.67#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
ClientSampleId :
JG9H7

Manual Integrations APPROVED
mmdadoda
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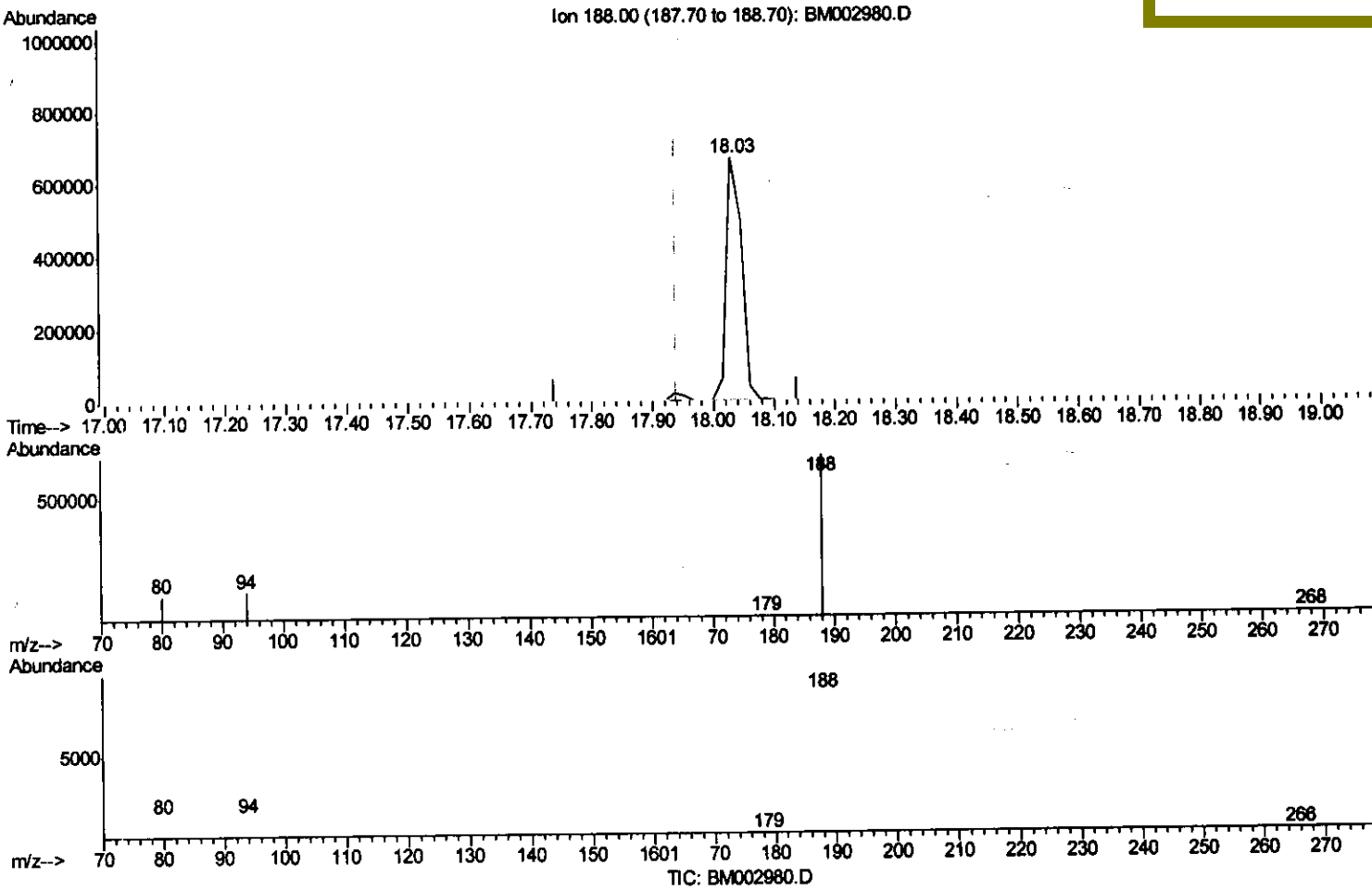

(12) Phenanthrene-d10 (I)

18.030min (+0.091) 0.40ng/ul

response 1177374

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	17.01#
80.00	8.90	14.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

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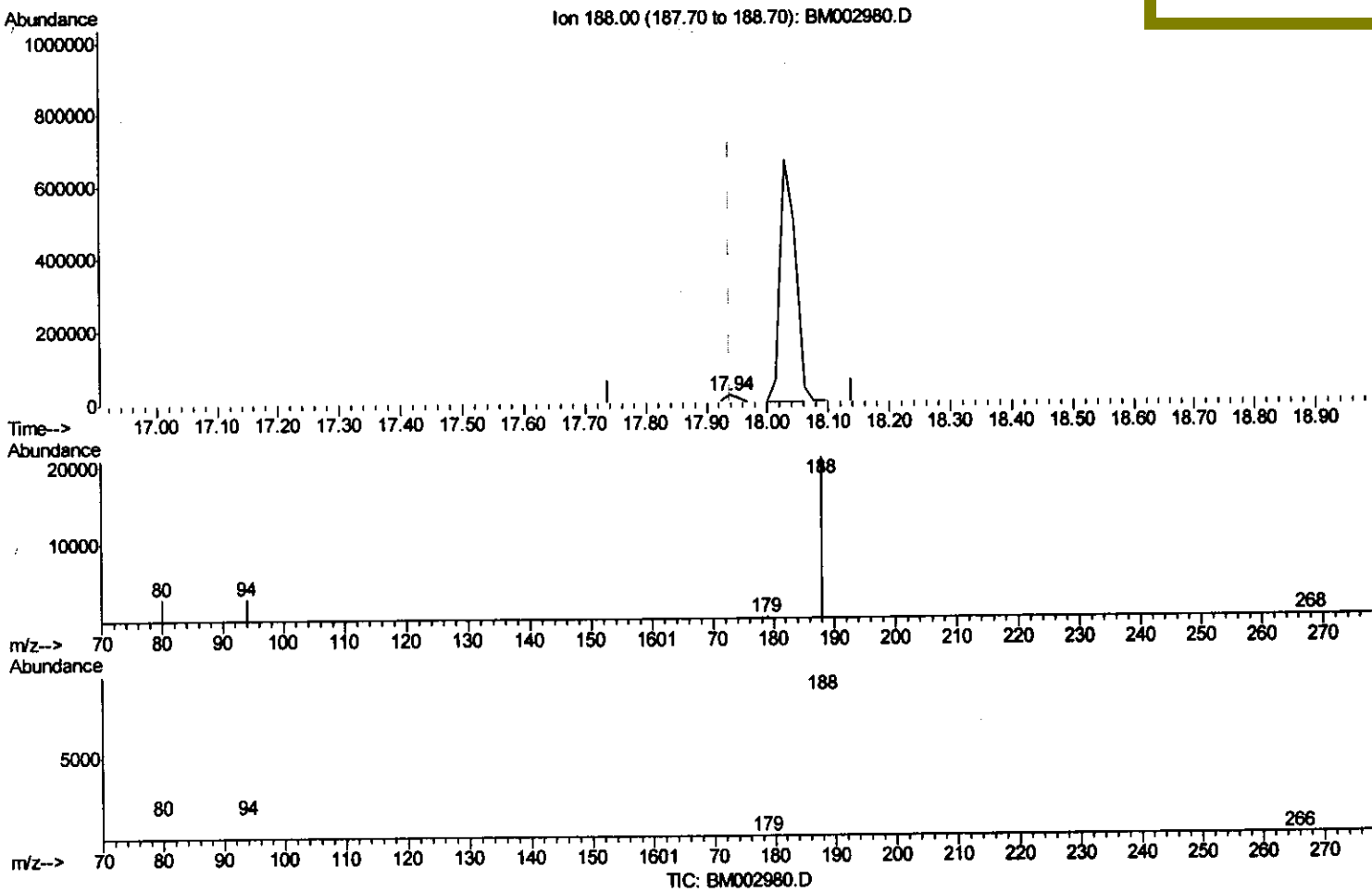
Instrument :
BNA_M
ClientSampleId :
JG9H7

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:43:32 PM



(12) Phenanthrene-d10 (I)

17.937min (-0.002) 0.40ng/ul m U.M

response 32773 10/27/15

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	13.96#
80.00	8.90	13.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

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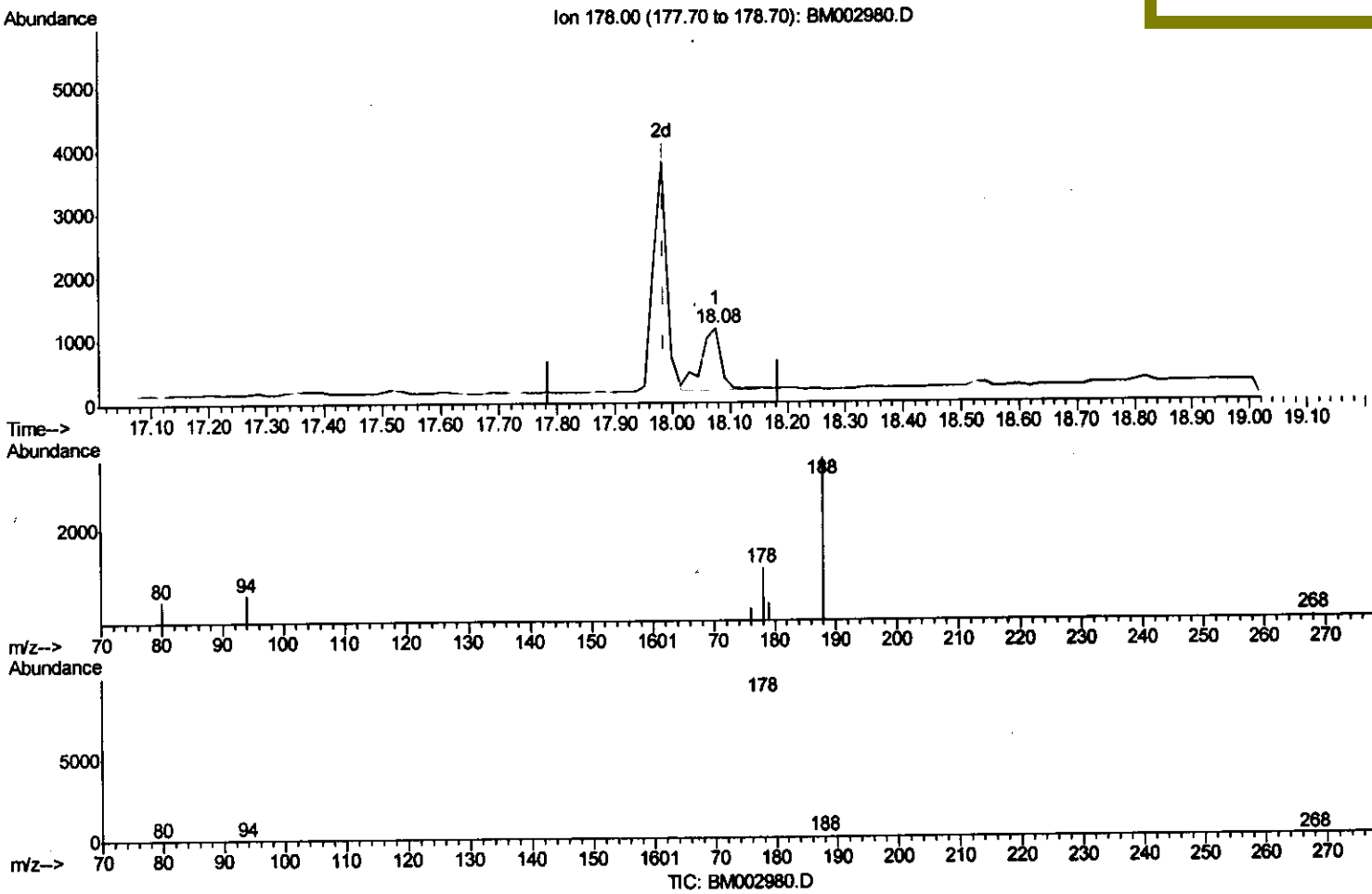
Data File : BM002980.D
Acq On : 22 Oct 2015 16:58
Operator : UM/IZ
Sample : G4074-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 23 04:24:29 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 :
JG9H7

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:43:32 PM



(14) Phenanthrene

18.076min (+0.091) 0.02ng/ul

response 2393

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	29.42#
179.00	16.00	38.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/IZ
Sample : G4074-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

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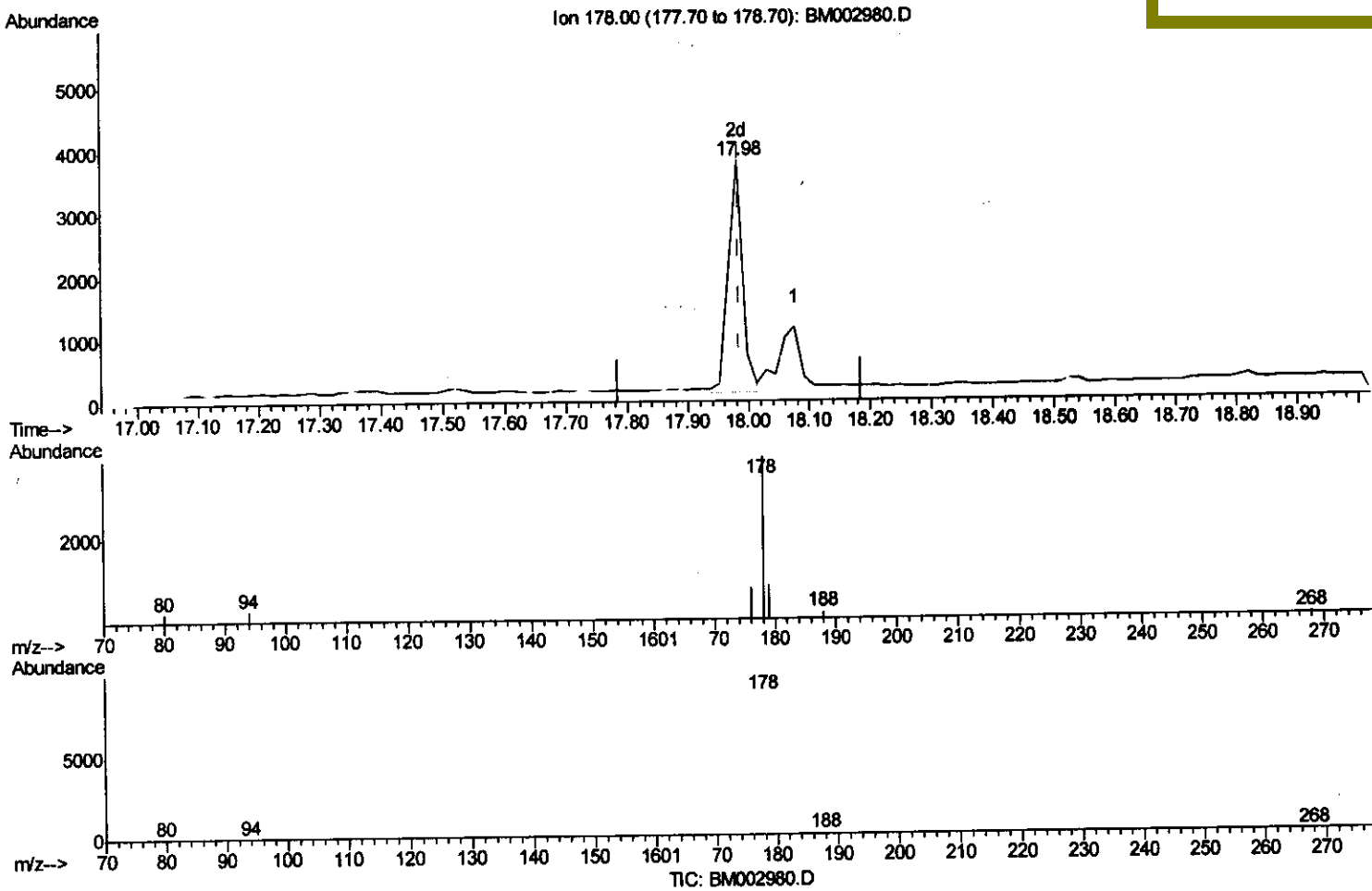
Instrument :
BNA_M
ClientSampleId :
JG9H7

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:43:32 PM



(14) Phenanthrene

17.983min (-0.002) 0.06ng/ul m U.M 10/27/15

response 5998

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	20.48
179.00	16.00	21.91#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM002980.D
Acq On : 22 Oct 2015 16:58
Operator : UM/IZ
Sample : G4074-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JG9H7

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:43:32 PM

Quant Time: Oct 23 04:25:42 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	6716	0.40	ng/ul	0.00
4) Naphthalene-d8	11.48	136	28935	0.40	ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	15475	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.94	188	32773m	0.40	ng/ul	0.00
18) Chrysene-d12	22.03	240	24137	0.40	ng/ul	0.00
22) Perylene-d12	24.60	264	21062	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	17261	2.41	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	7580	0.16	ng/ul	0.00
16) Fluoranthene-d10	19.93	212	13953	0.16	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	11.54	128	665	0.01	ng/ul#	50
7) 2-Methylnaphthalene	13.11	142	466m	0.01	ng/ul	
9) Acenaphthylene	14.96	152	1038	0.01	ng/ul#	66
10) Acenaphthene	15.28	153	315	0.01	ng/ul#	81
11) Fluorene	16.25	166	647	0.01	ng/ul#	84
14) Phenanthrene	17.98	178	5998m	0.06	ng/ul	
17) Fluoranthene	19.95	202	10378	0.08	ng/ul	86
19) Pyrene	20.30	202	10283	0.12	ng/ul#	84
20) Benzo(a)anthracene	22.01	228	3852	0.05	ng/ul#	54
21) Chrysene	22.08	228	6329	0.08	ng/ul#	65

U.M 10/27/15

U.M 10/27/15

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