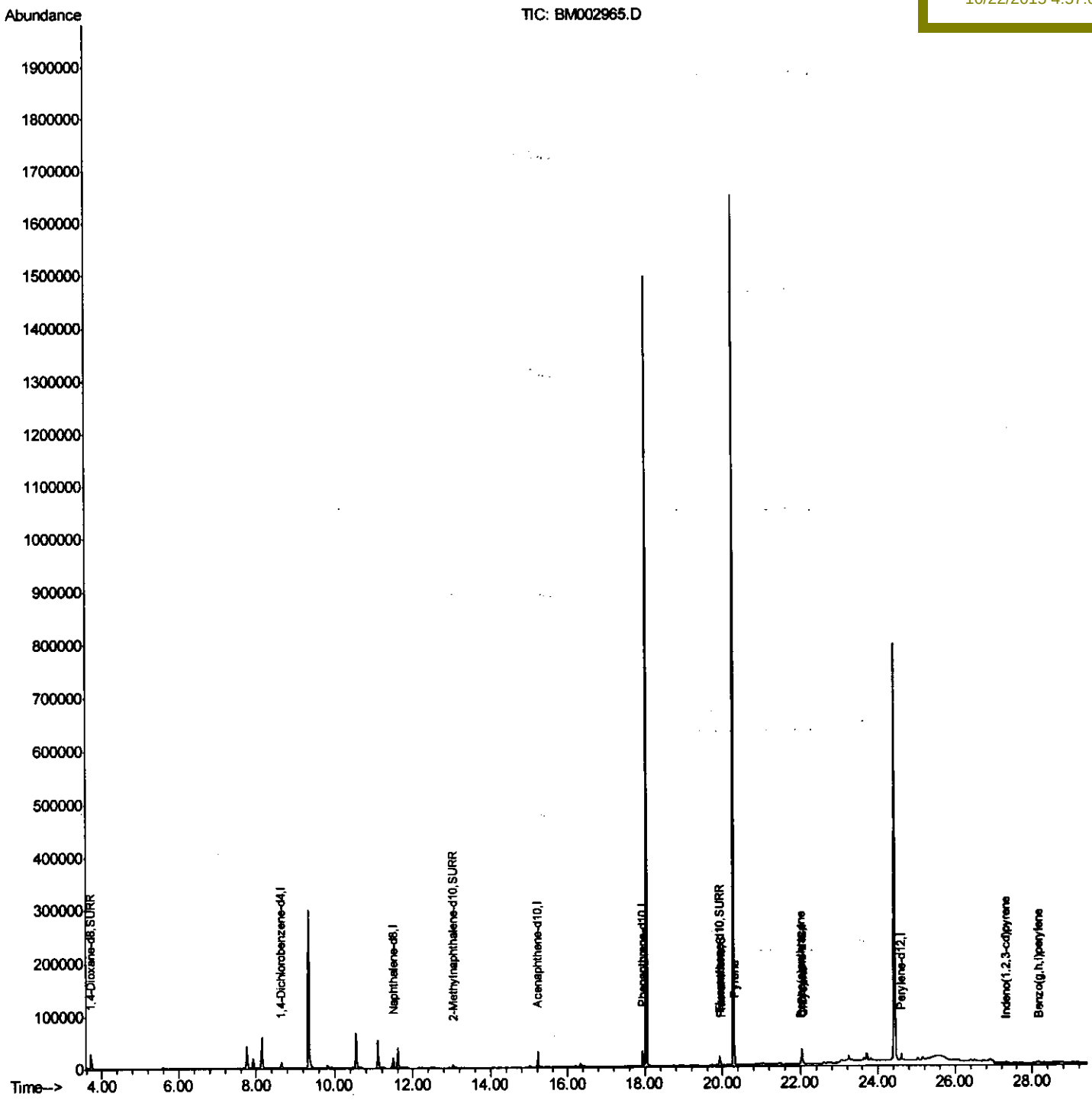
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
Data File : BM002965.D
Acq On : 22 Oct 2015 01:49
Operator : UM/IZ
Sample : G4075-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 22 13:31:07 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 : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JG9L1

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:01 PM



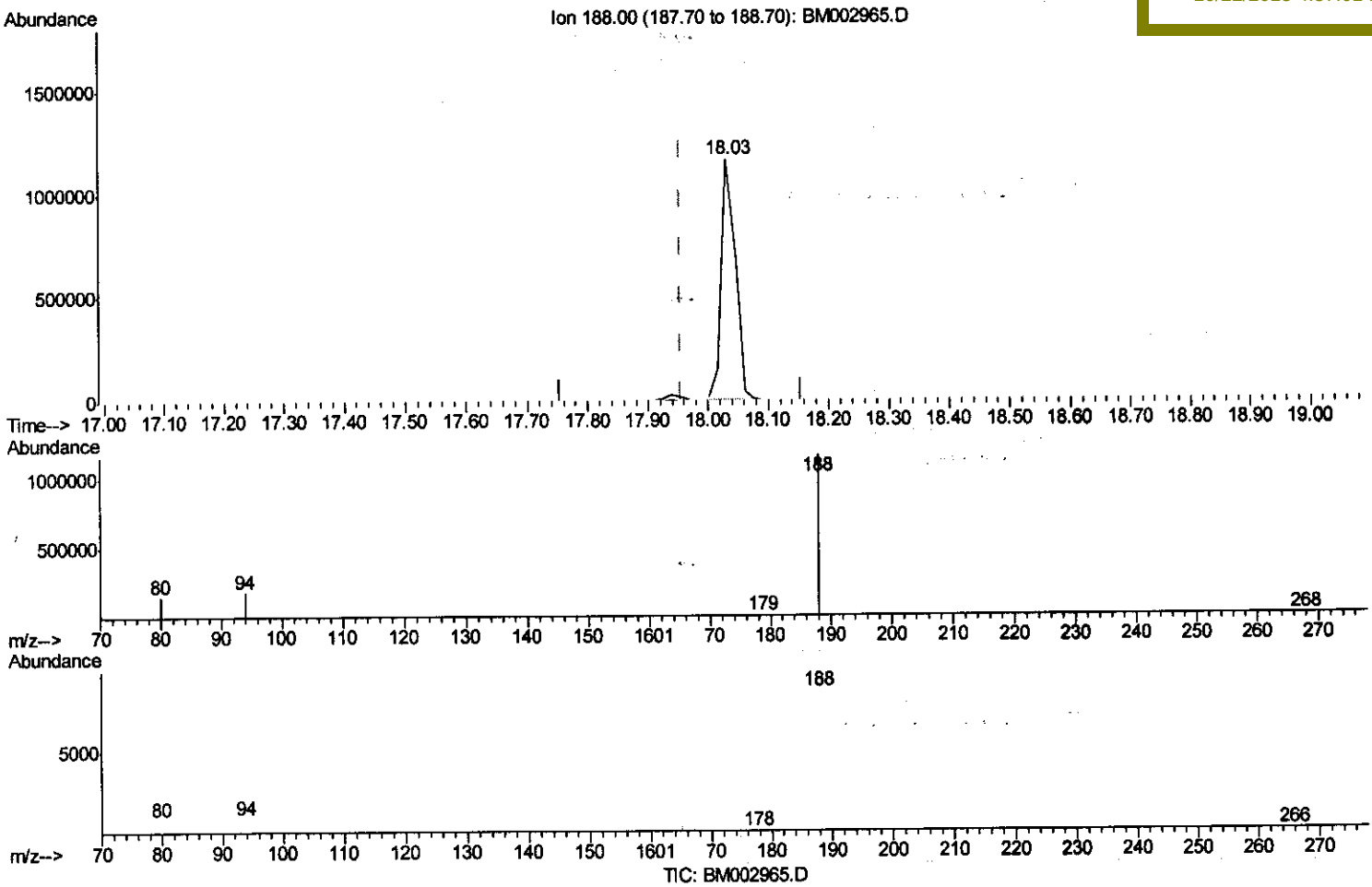
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
Data File : BM002965.D
Acq On : 22 Oct 2015 01:49
Operator : UM/IZ
Sample : G4075-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 22 12:05:30 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 : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JG9L1

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:01 PM



TIC: BM002965.D

(12) Phenanthrene-d10 (I)

18.031min (+0.077) 0.40ng/ul

response 1894364

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	15.61#
80.00	8.90	12.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

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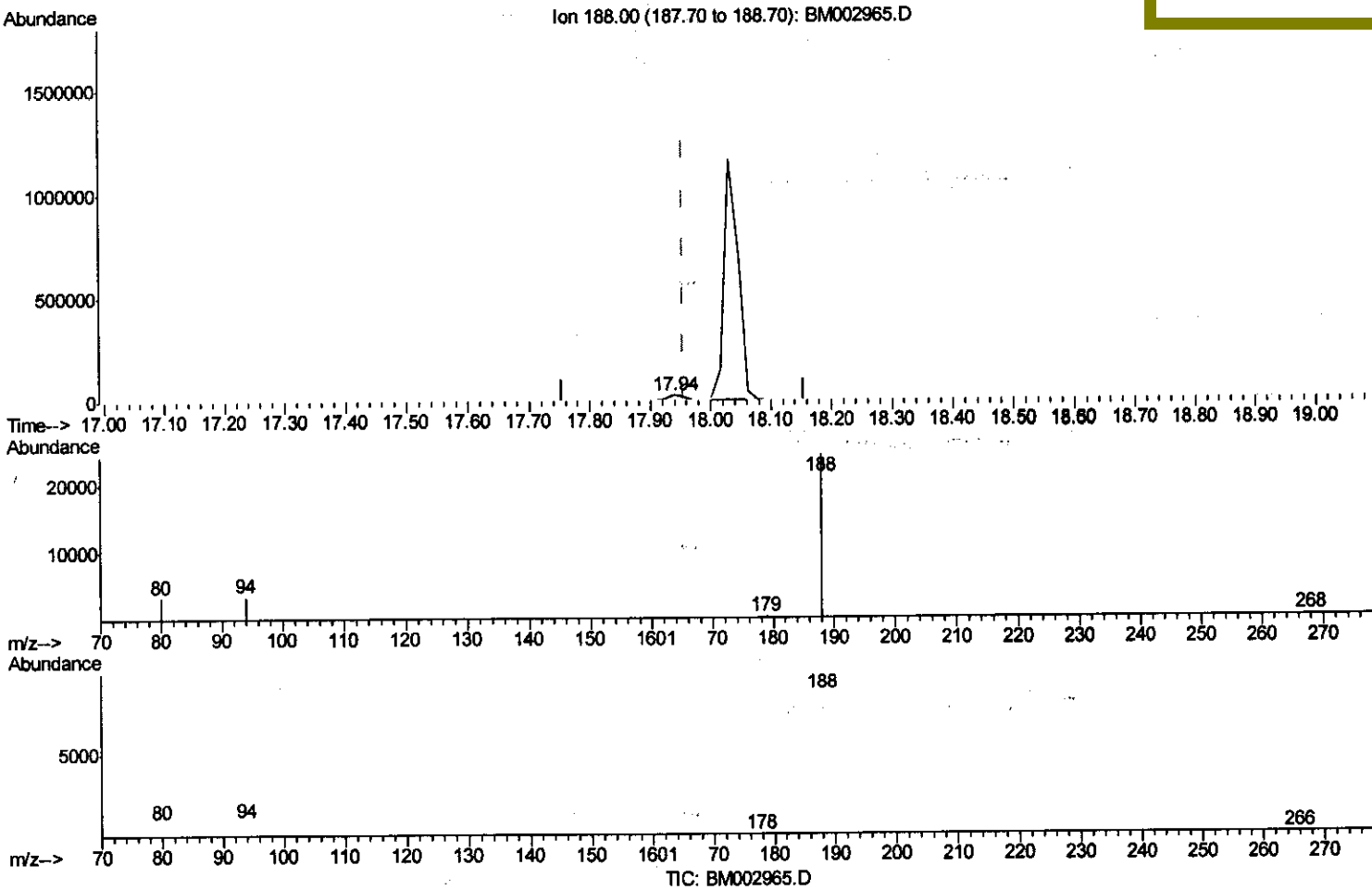
Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:01 PM



(12) Phenanthrene-d10 (I)

17.938min (-0.016) 0.40ng/ul m

response 38923

U.M. 10/23/15

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	14.11#
80.00	8.90	14.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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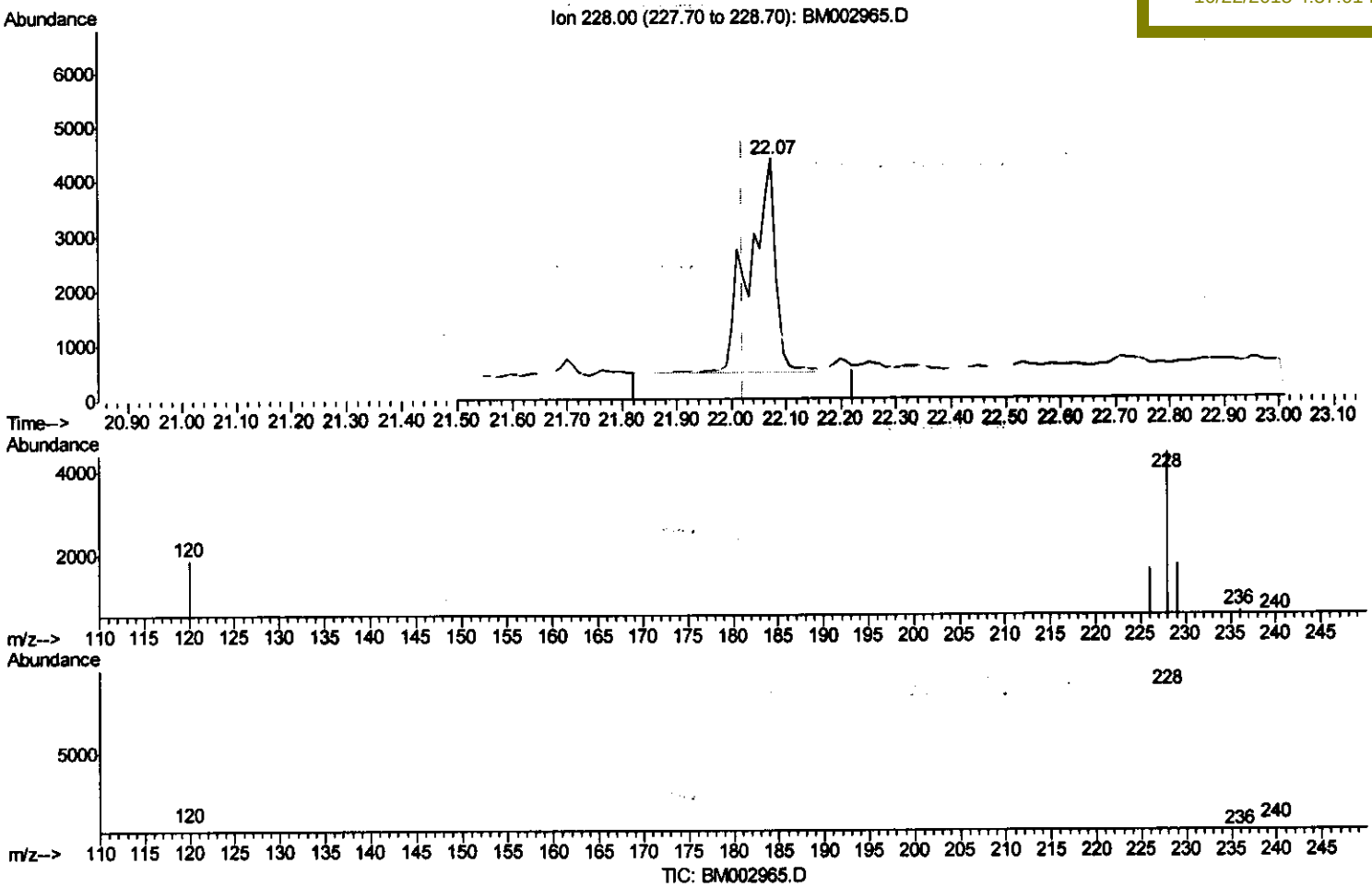
Data File : BM002965.D
Acq On : 22 Oct 2015 01:49
Operator : UM/IZ
Sample : G4075-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 22 13:29:34 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 : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JG9L1

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:01 PM



(20) Benzo(a)anthracene

22.074min (+0.052) 0.14ng/ul

response 13251

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	37.16#
229.00	19.00	40.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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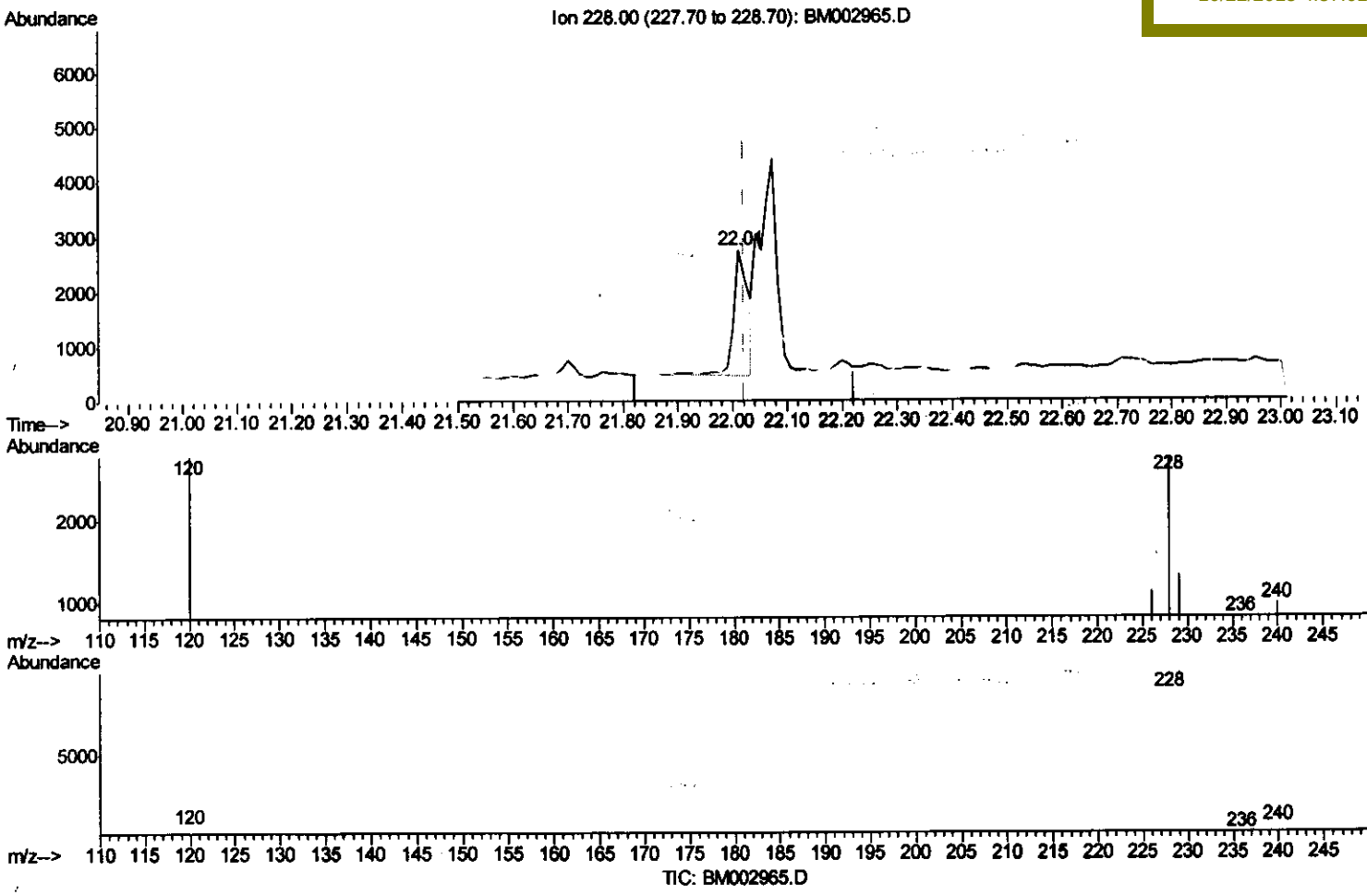
Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:01 PM



(20) Benzo(a)anthracene

22.011min (-0.011) 0.04ng/ul m

response 4173

U.M. 10/23/15

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	41.09#
229.00	19.00	48.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

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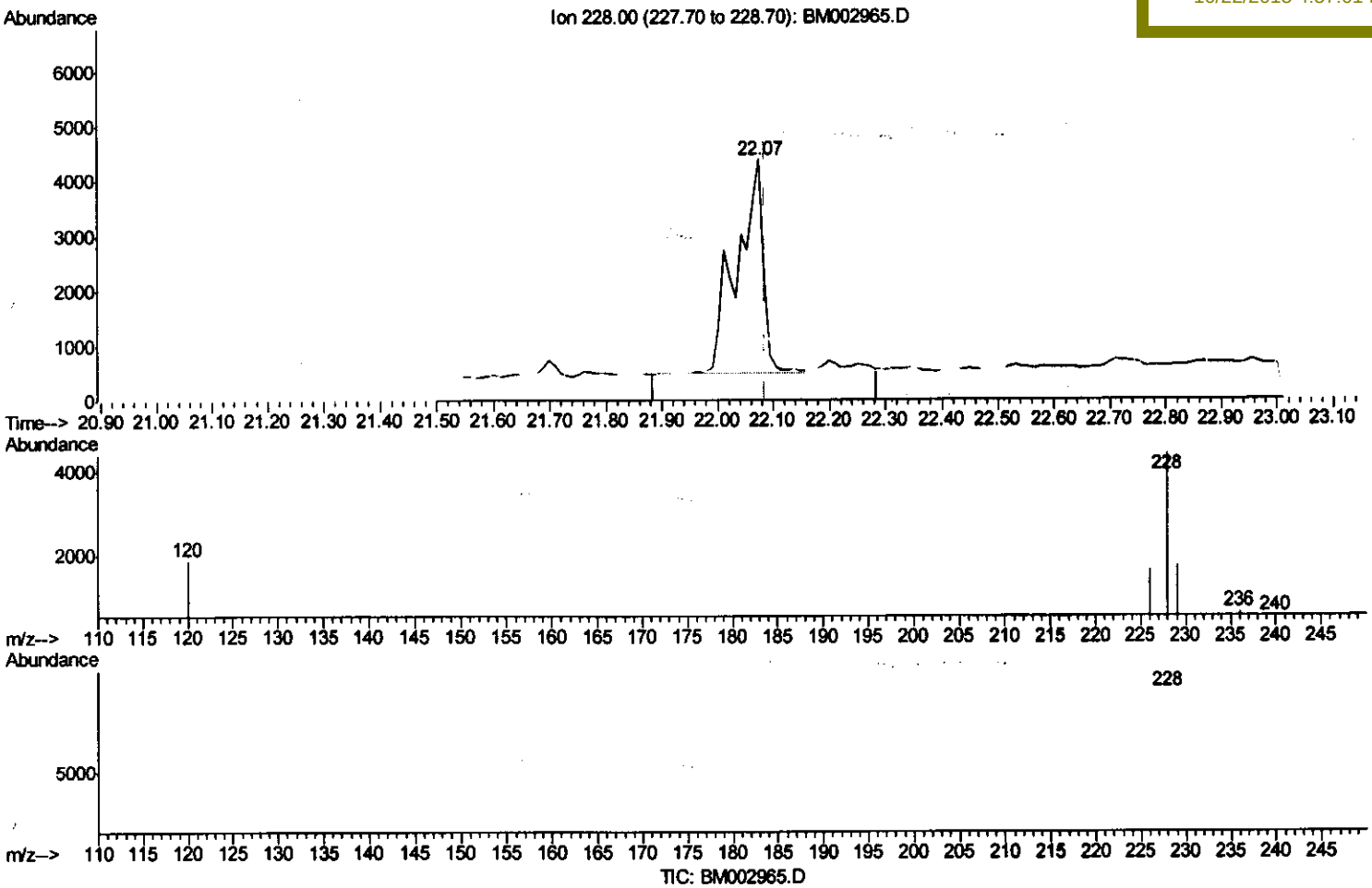
Instrument :
BNA_M
ClientSampleId :
JG9L1

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:01 PM



(21) Chrysene

22.074min (-0.011) 0.13ng/ul

response 12936

Ion	Exp%	Act%
228.00	100	100
226.00	32.10	37.16
229.00	19.00	40.00#
0.00	0.00	0.00

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Data File : BM002965.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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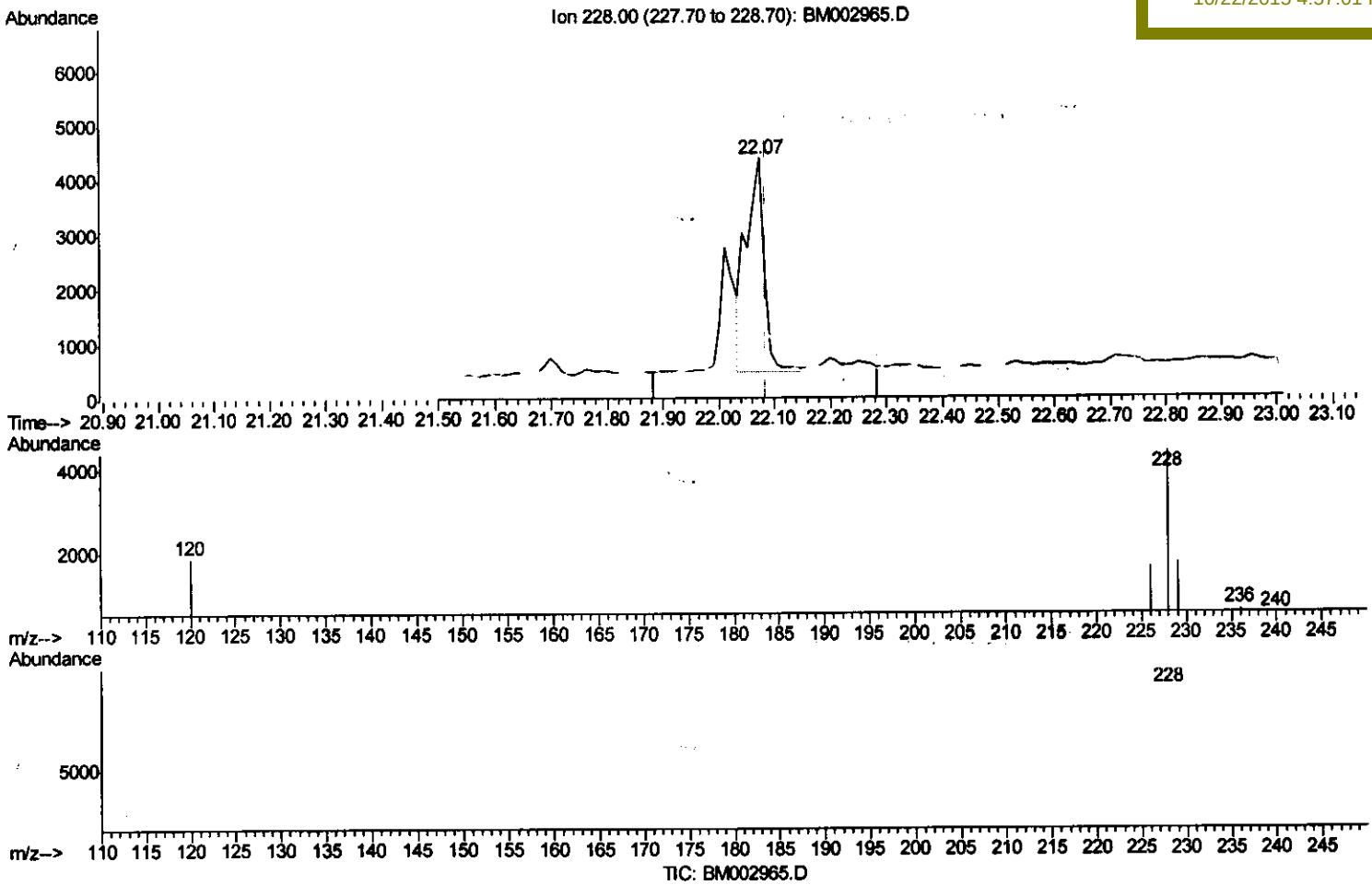
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JG9L1

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:01 PM



TIC: BM002965.D

(21) Chrysene

22.074min (-0.011) 0.09ng/ul m

response 8935

U.M. 10/23/15

Ion	Exp%	Act%
228.00	100	100
226.00	32.10	37.16
229.00	19.00	40.00#
0.00	0.00	0.00

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ClientSampleId :
JG9L1

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:57:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	7637	0.40	ng/ul	-0.02
4) Naphthalene-d8	11.49	136	33502	0.40	ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	18282	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.94	188	38923m	0.40	ng/ul	-0.02
18) Chrysene-d12	22.03	240	28484	0.40	ng/ul	-0.01
22) Perylene-d12	24.60	264	23752	0.40	ng/ul	-0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.71	96	23927	2.93	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.04	152	11490	0.20	ng/ul	-0.01
16) Fluoranthene-d10	19.93	212	22858	0.22	ng/ul	0.00
Target Compounds						Qvalue
17) Fluoranthene	19.95	202	8332	0.06	ng/ul	83
19) Pyrene	20.30	202	11331	0.11	ng/ul#	86
20) Benzo(a)anthracene	22.01	228	4173m	0.04	ng/ul	
21) Chrysene	22.07	228	8935m	0.09	ng/ul	
26) Indeno(1,2,3-cd)pyrene	27.32	276	3965	0.05	ng/ul#	59
28) Benzo(g,h,i)perylene	28.16	276	6042	0.08	ng/ul#	26

U.M. 10/23/15

U.M. 10/23/15

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