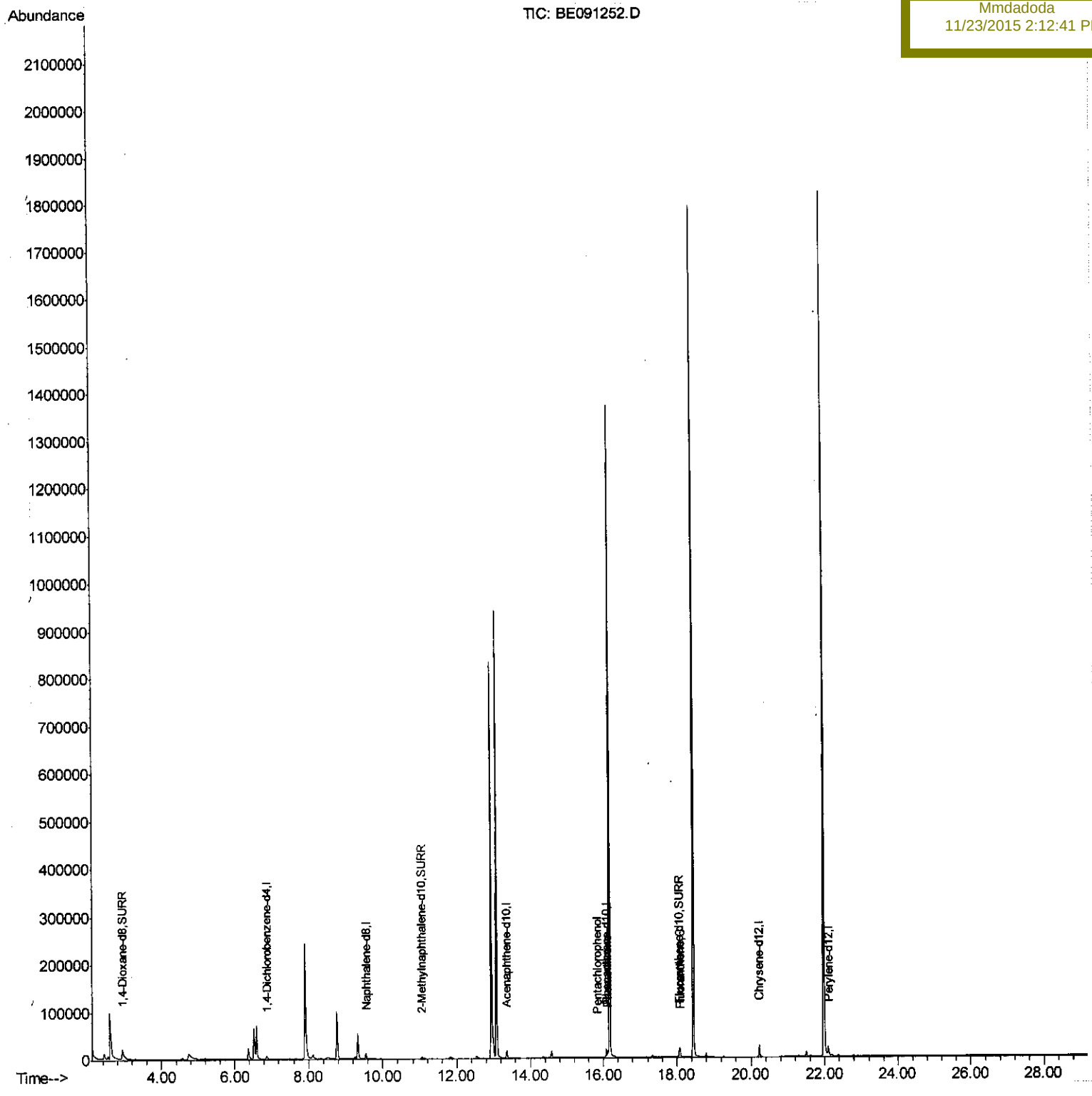
Data Path : Z:\HPCHEM1\BNA E\Data\BE112015\
Data File : BE091252.D
Acq On : 20 Nov 2015 19:06
Operator : UM/NP
Sample : G4310-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 23 09:35:18 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:52:22 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KM4

Manual Integrations APPROVED
Mmdadoda
11/23/2015 2:12:41 PM

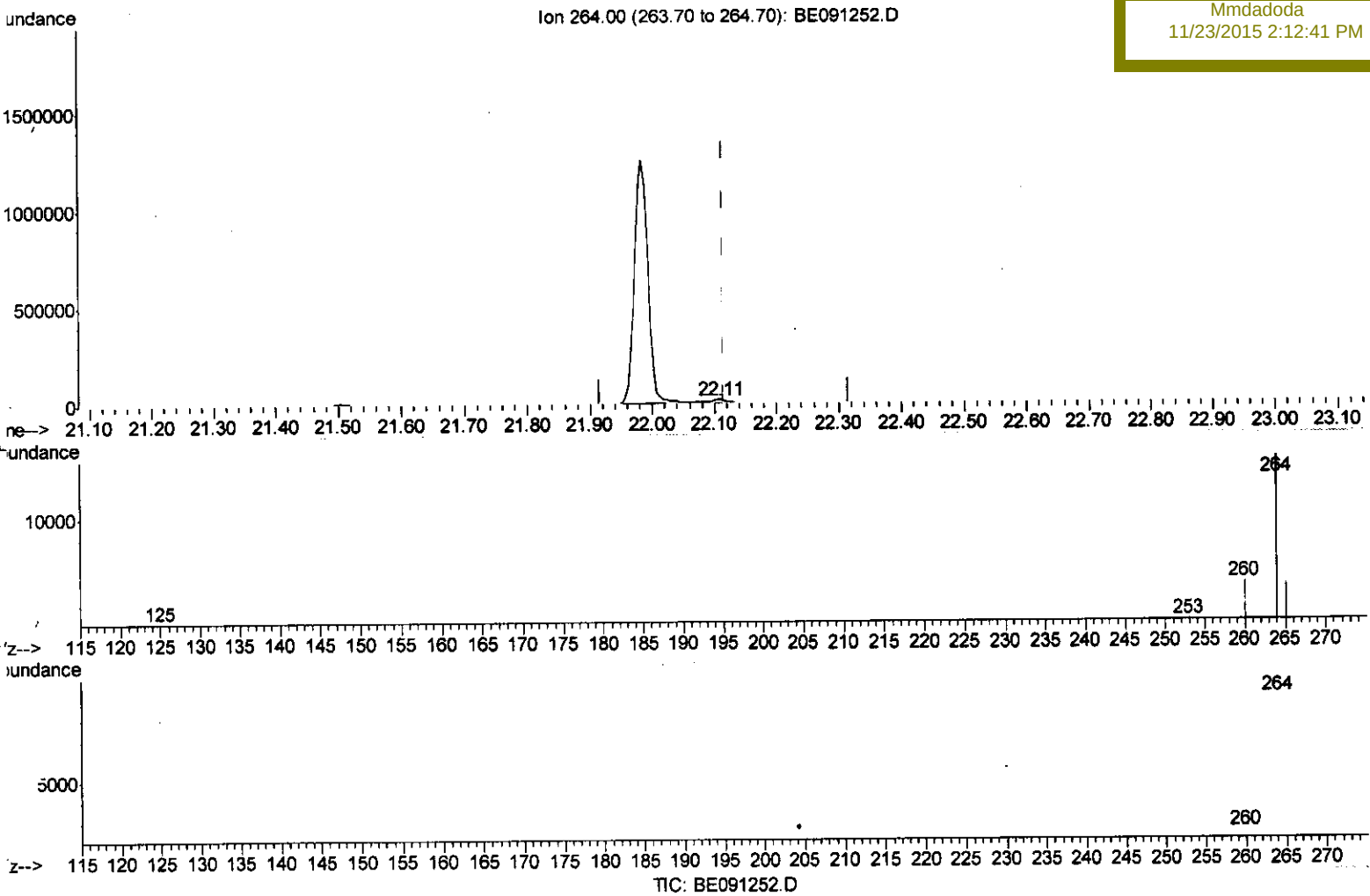


Data Path : Z:\HPCHEM1\BNA E\DATA\BE112015\
Data File : BE091252.D
Acq On : 20 Nov 2015 19:06
Operator : UM/NP
Sample : G4310-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 21 03:26:30 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:52:22 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KM4

Manual Integrations APPROVED
Mmdadoda
11/23/2015 2:12:41 PM



(22) Perylene-d12 (I)

22.107min (-0.009) 0.40ng/ul m > U.M 25/11/15

response 21827

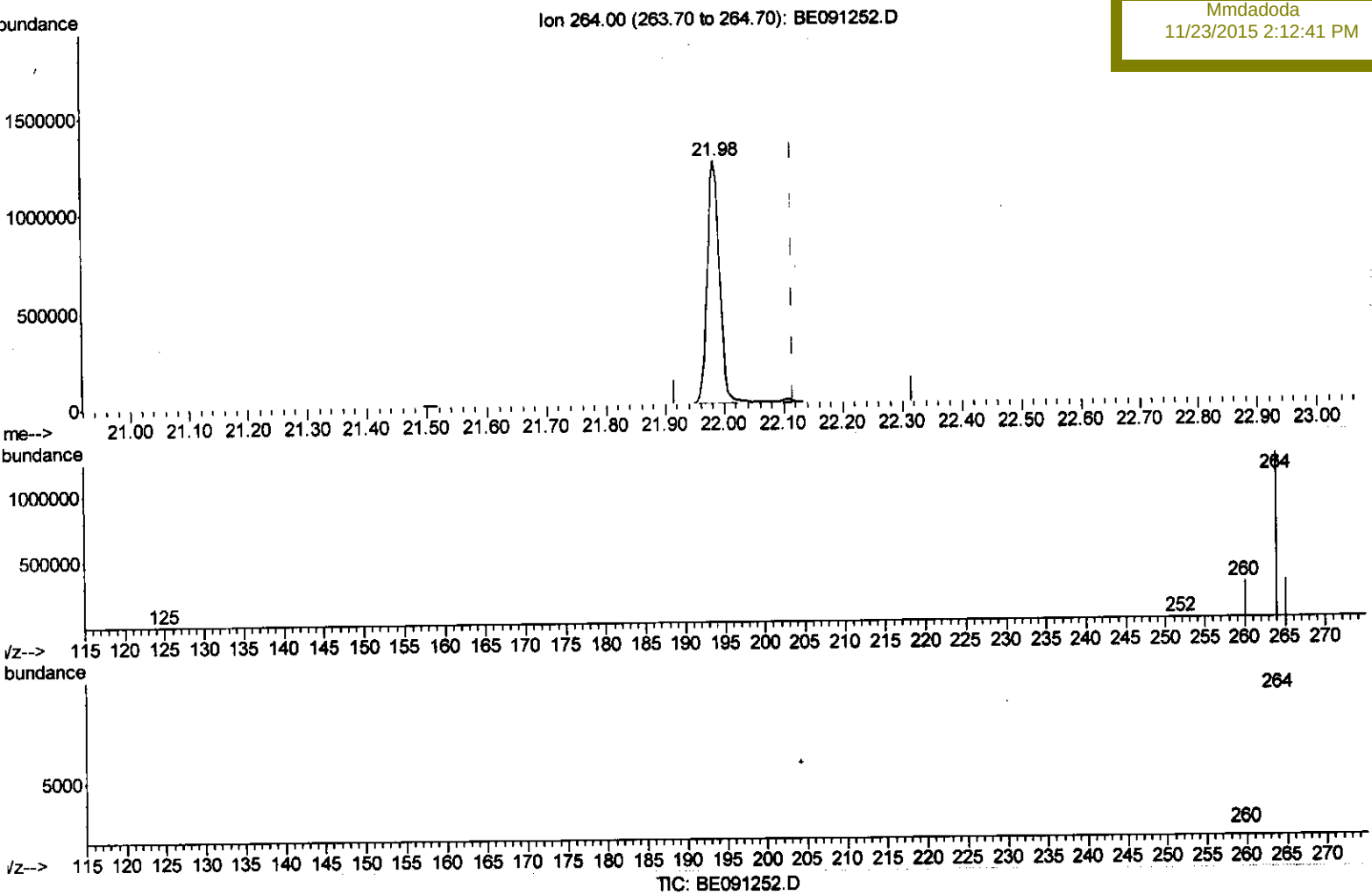
Ion	Exp%	Act%
264.00	100	100
260.00	28.90	24.55
265.00	34.70	23.06#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA F\DATA\BE112015\
Data File : BE091252.D
Acq On : 20 Nov 2015 19:06
Operator : UM/NP
Sample : G4310-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 21 03:26:30 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:52:22 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KM4

Manual Integrations APPROVED
Mmdadoda
11/23/2015 2:12:41 PM



(22) Perylene-d12 (I)

21.984min (-0.132) 0.40ng/ul

response 1845322

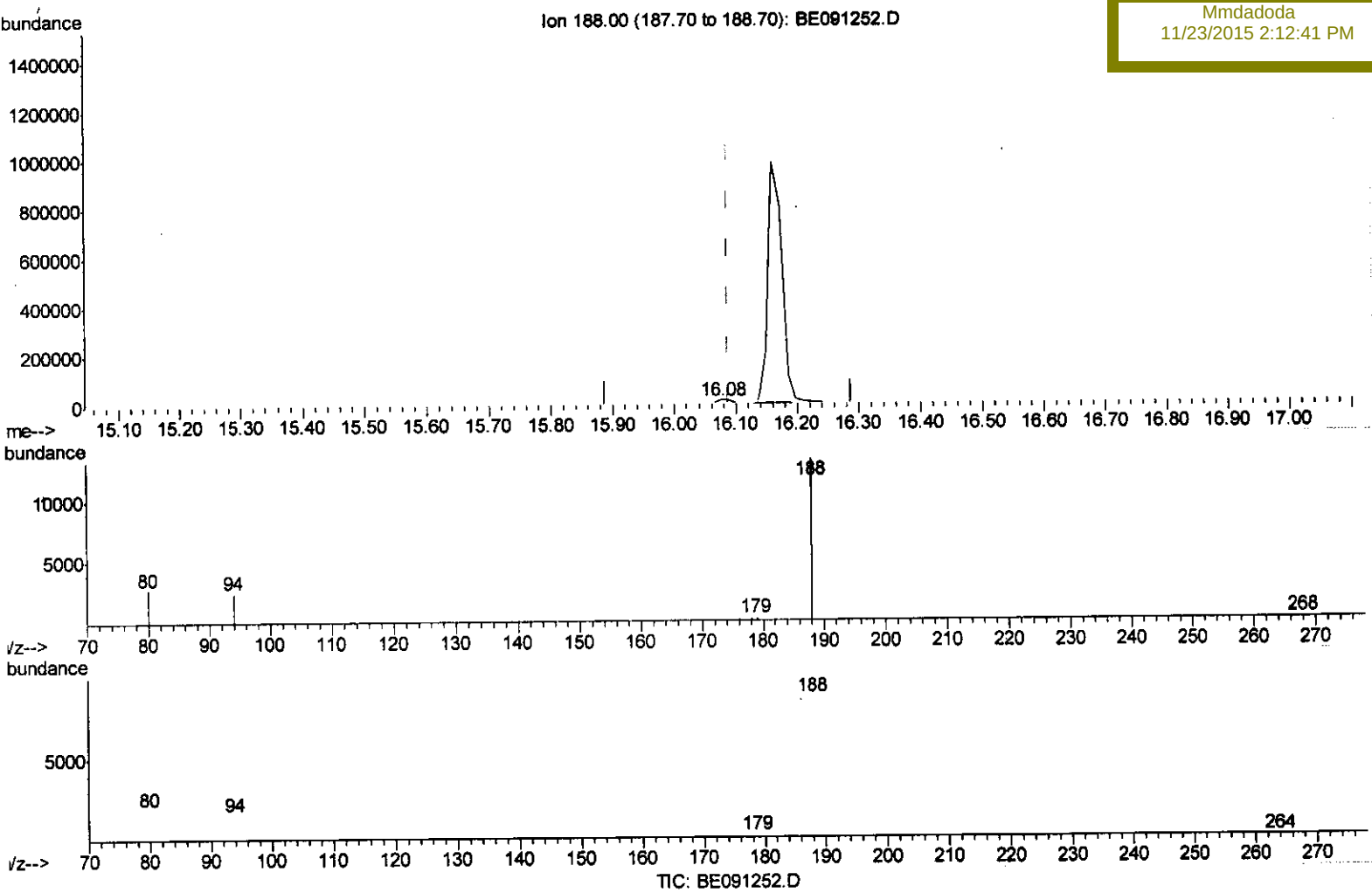
Ion	Exp%	Act%
264.00	100	100
260.00	28.90	22.00#
265.00	34.70	22.91#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112015\
Data File : BE091252.D
Acq On : 20 Nov 2015 19:06
Operator : UM/NP
Sample : G4310-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 21 02:54:14 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:52:22 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KM4

Manual Integrations APPROVED
Mmdadoda
11/23/2015 2:12:41 PM



(12) Phenanthrene-d10 (I)

16.076min (-0.012) 0.40ng/ul m) U.M 25/11/15

response 21070

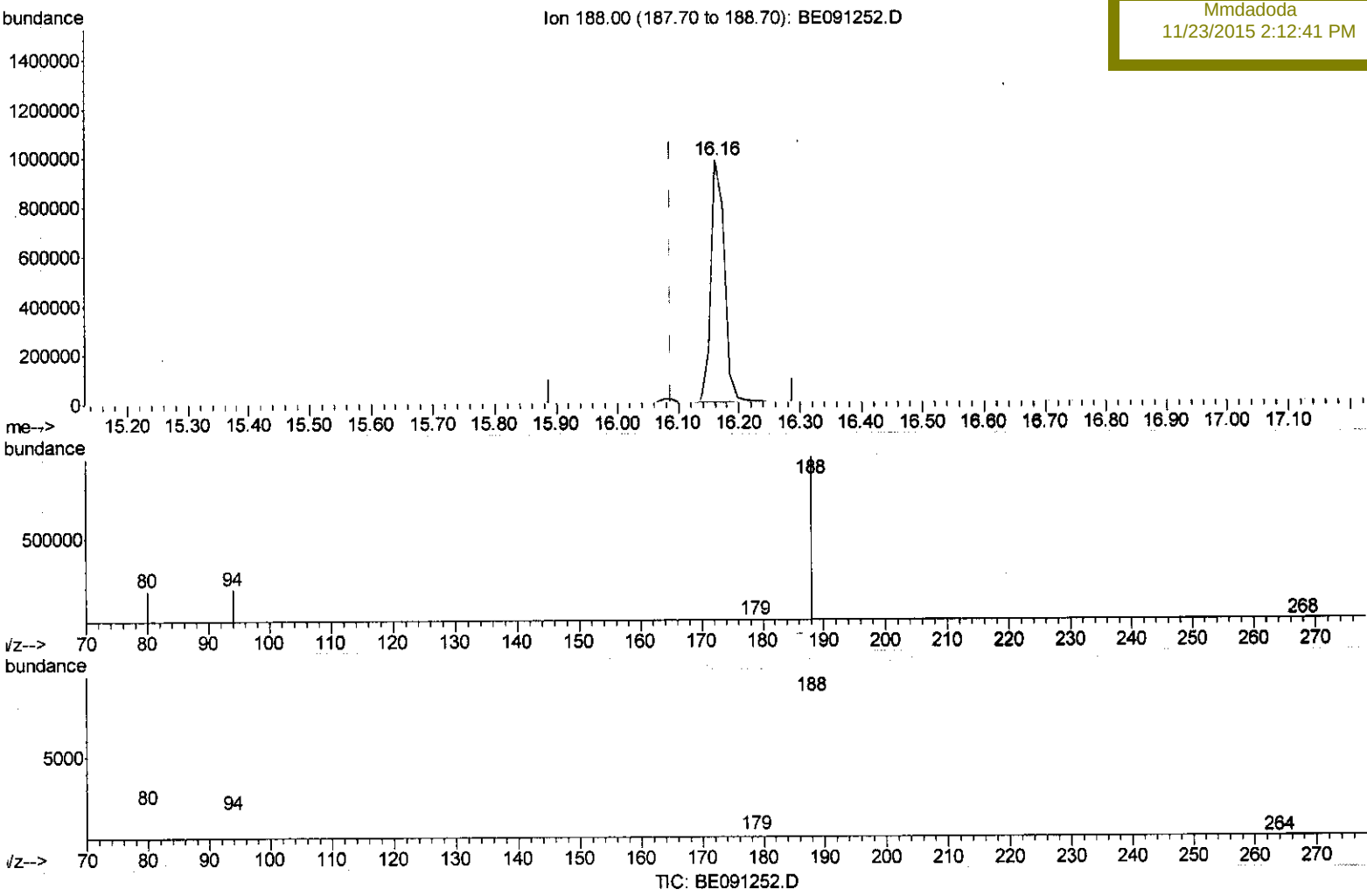
Ion	Exp%	Act%
188.00	100	100
94.00	9.00	18.17#
80.00	8.90	20.62#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112015\
Data File : BE091252.D
Acq On : 20 Nov 2015 19:06
Operator : UM/NP
Sample : G4310-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 21 02:54:14 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:52:22 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KM4

Manual Integrations APPROVED
Mmdadoda
11/23/2015 2:12:41 PM



TIC: BE091252.D

(12) Phenanthrene-d10 (I)

16.161min (+0.073) 0.40ng/ul

response 1555841

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	19.78#
80.00	8.90	18.72#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\Data\BE112015\
Data File : BE091252.D
Acq On : 20 Nov 2015 19:06
Operator : UM/NP
Sample : G4310-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
D9KM4

Manual Integrations APPROVED
Mmdadoda
11/23/2015 2:12:41 PM

Quant Time: Nov 23 09:35:18 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	3204	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.55	136	15777	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	8904	0.40	ng/ul	-0.01
12) Phenanthrene-d10	16.08	188	21070m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.23	240	24775	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	21827m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	26126	11.34	ng/uL	-0.04
6) 2-Methylnaphthalene-d10	11.06	152	7316	0.34	ng/ul	-0.01
16) Fluoranthene-d10	18.07	212	22202	0.37	ng/ul	0.00
Target Compounds						Qvalue
13) Pentachlorophenol	15.85	266	445	0.22	ng/ul	97
14) Phenanthrene	16.11	178	12971	0.05	ng/ul	93
17) Fluoranthene	18.10	202	10631	0.04	ng/ul	82

U.M 25/11/15

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