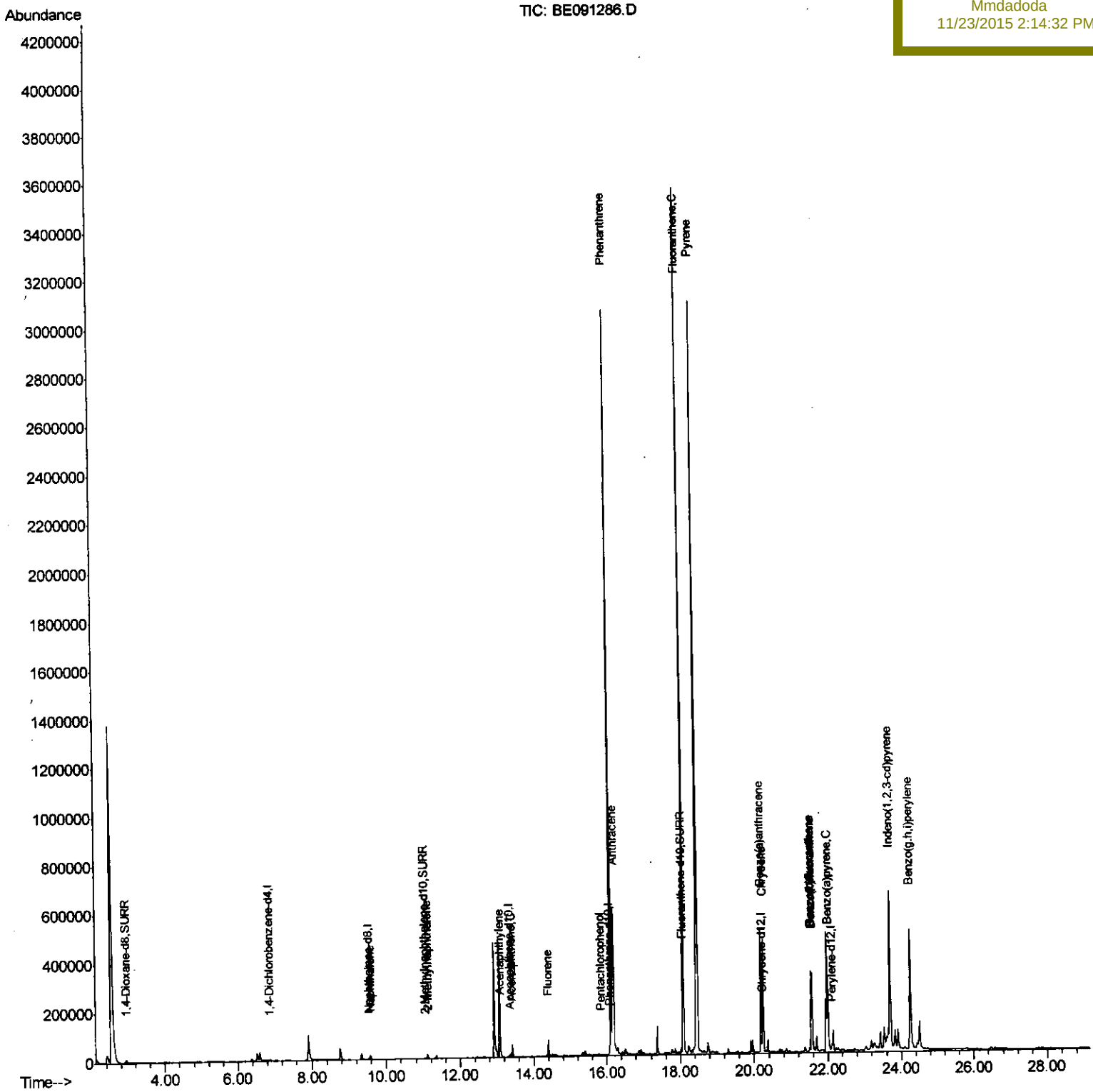


Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
Data File : BE091286.D
Acq On : 21 Nov 2015 21:07
Operator : UM/NP
Sample : G4345-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 22 02:23:14 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 : Sun Nov 22 01:59:17 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4J67

Manual Integrations
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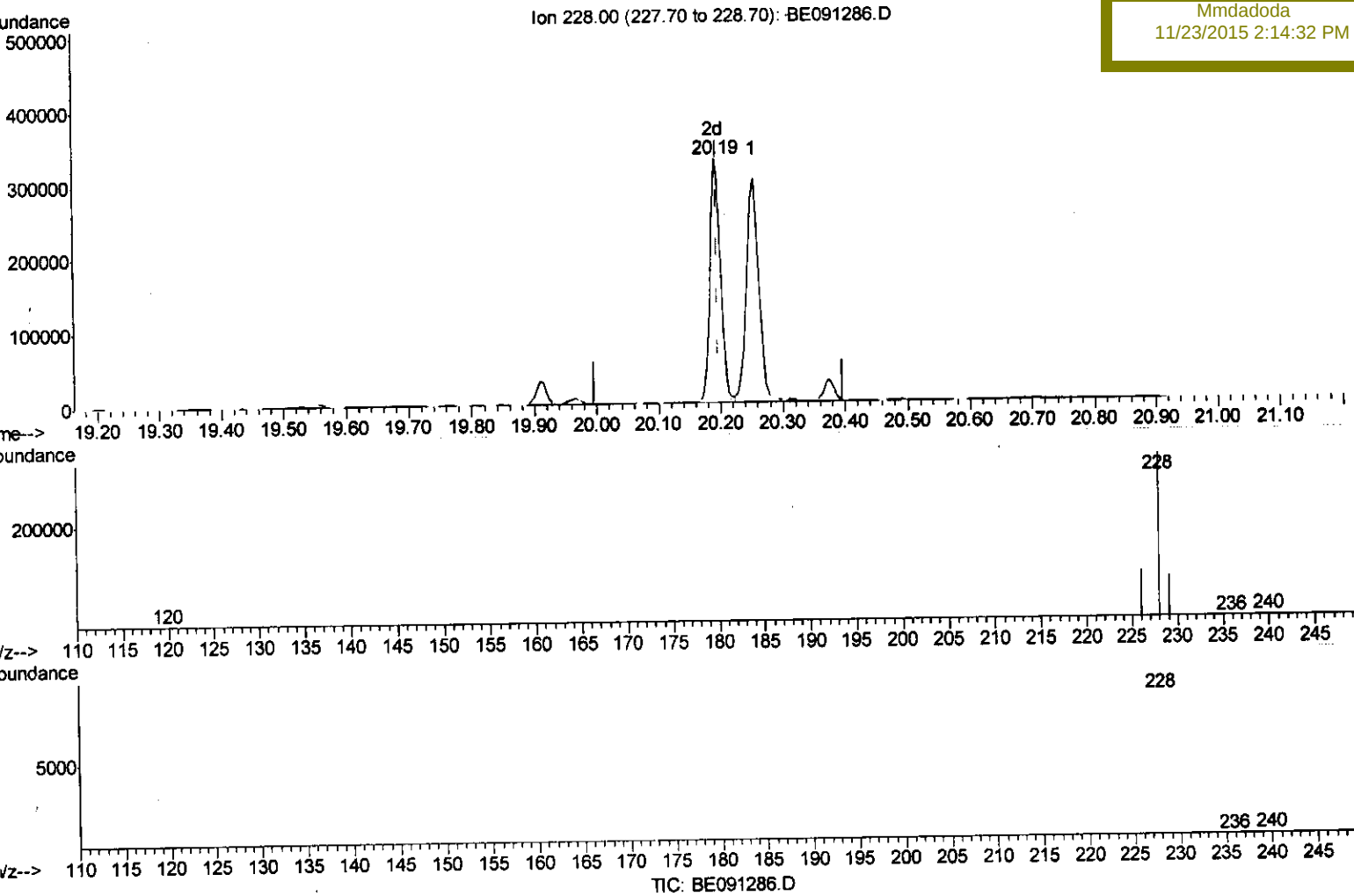


Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
Data File : BE091286.D
Acq On : 21 Nov 2015 21:07
Operator : UM/NP
Sample : G4345-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 22 02:03:09 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 : Sun Nov 22 01:59:17 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4J67

Manual Integrations
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(20) Benzo(a)anthracene
20.192min (-0.005) 6.46ng/ul m
response 391893
U.M
11/25/2015

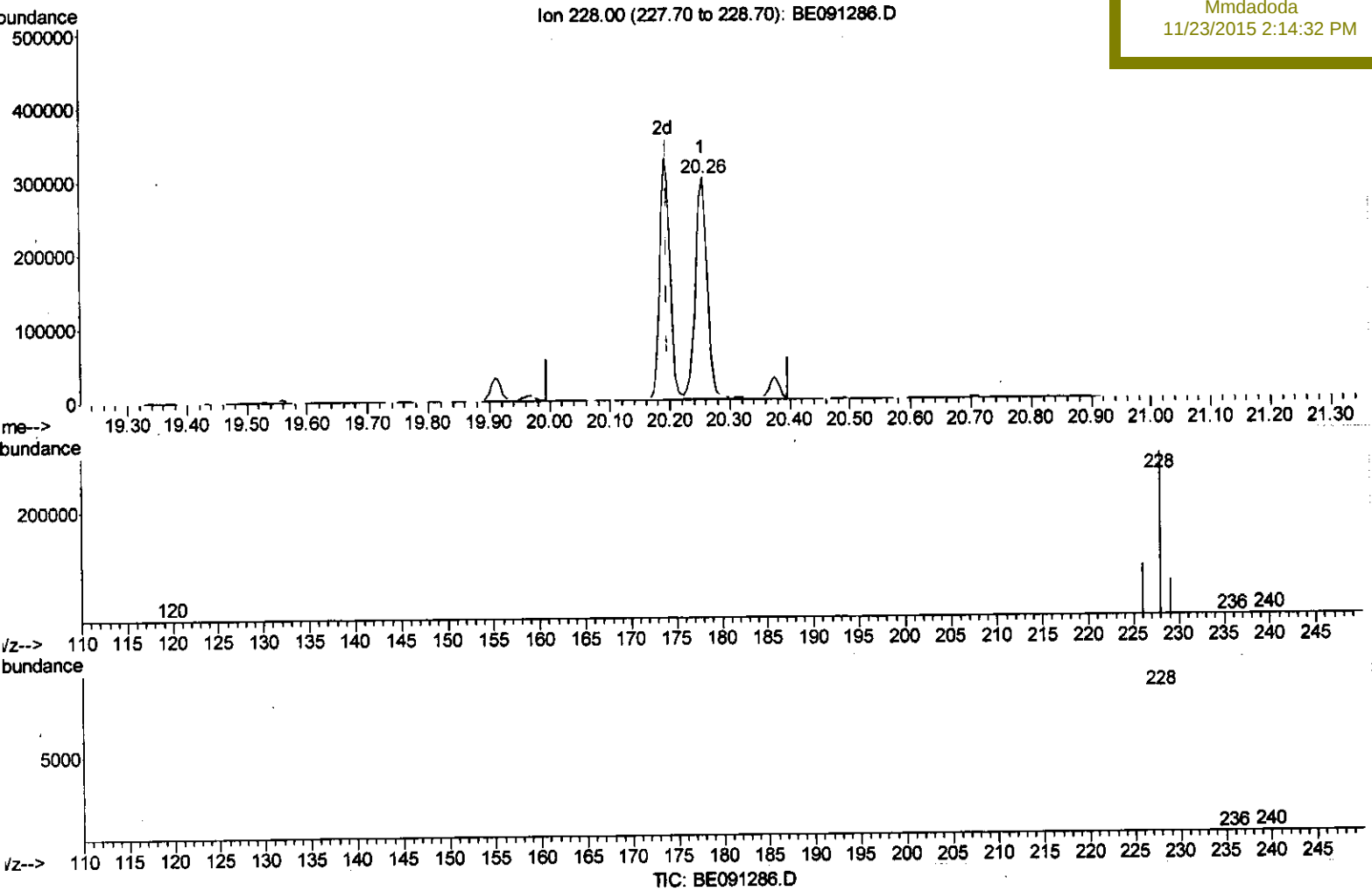
Ion	Exp%	Act%
228.00	100	100
226.00	28.70	28.16
229.00	19.00	24.51#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
Data File : BE091286.D
Acq On : 21 Nov 2015 21:07
Operator : UM/NP
Sample : G4345-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 22 02:03:09 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 : Sun Nov 22 01:59:17 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4J67

Manual Integrations
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(20) Benzo(a)anthracene

20.255min (+0.058) 6.75ng/ul

response 409525

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	30.98
229.00	19.00	21.04
0.00	0.00	0.00

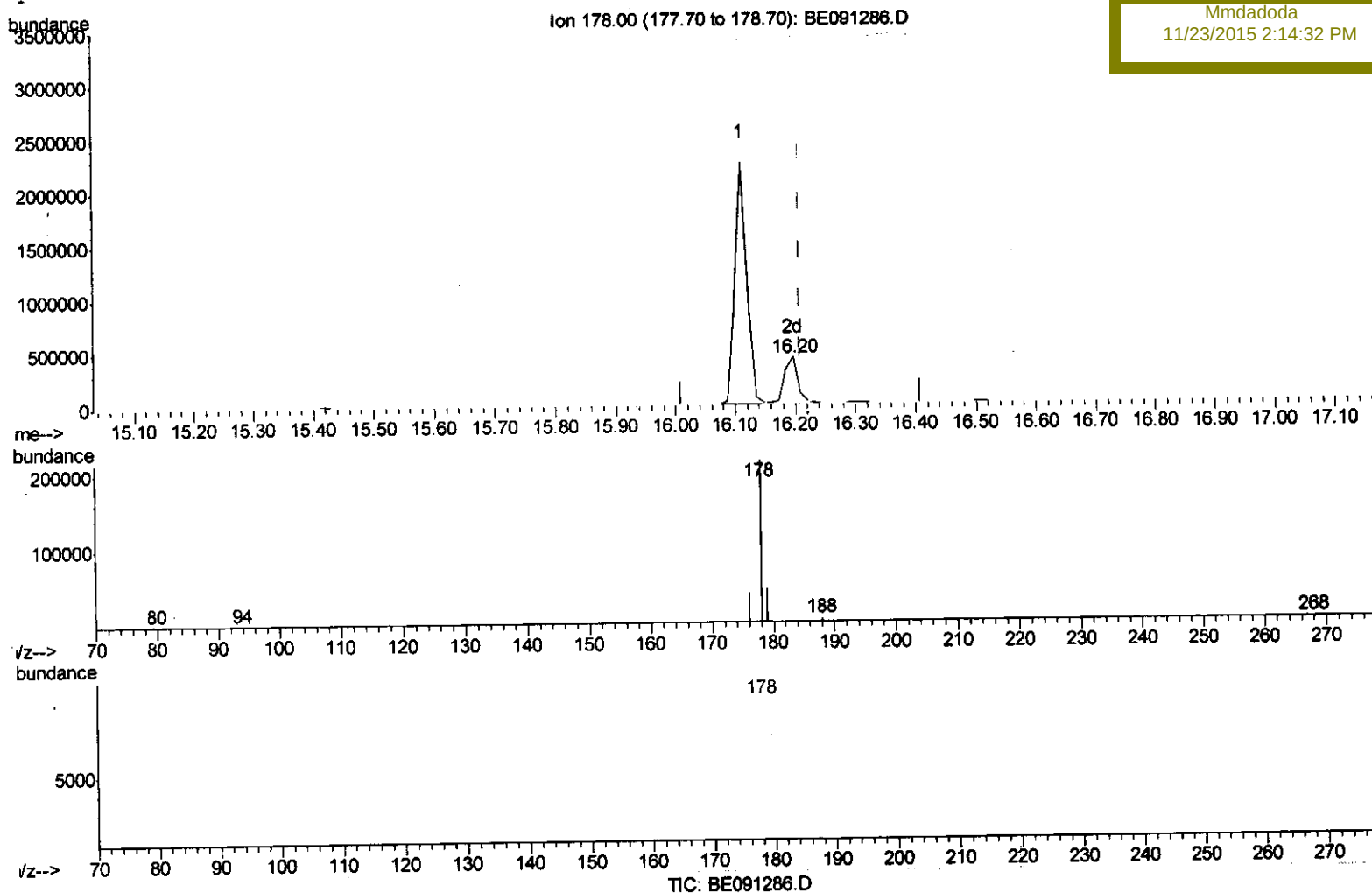
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
 Data File : BE091286.D
 Acq On : 21 Nov 2015 21:07
 Operator : UM/NP
 Sample : G4345-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 22 02:03:09 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 : Sun Nov 22 01:59:17 2015
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 A4J67

Manual Integrations
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(15) Anthracene

16.196min (-0.013) 3.35ng/ul m

response 683442

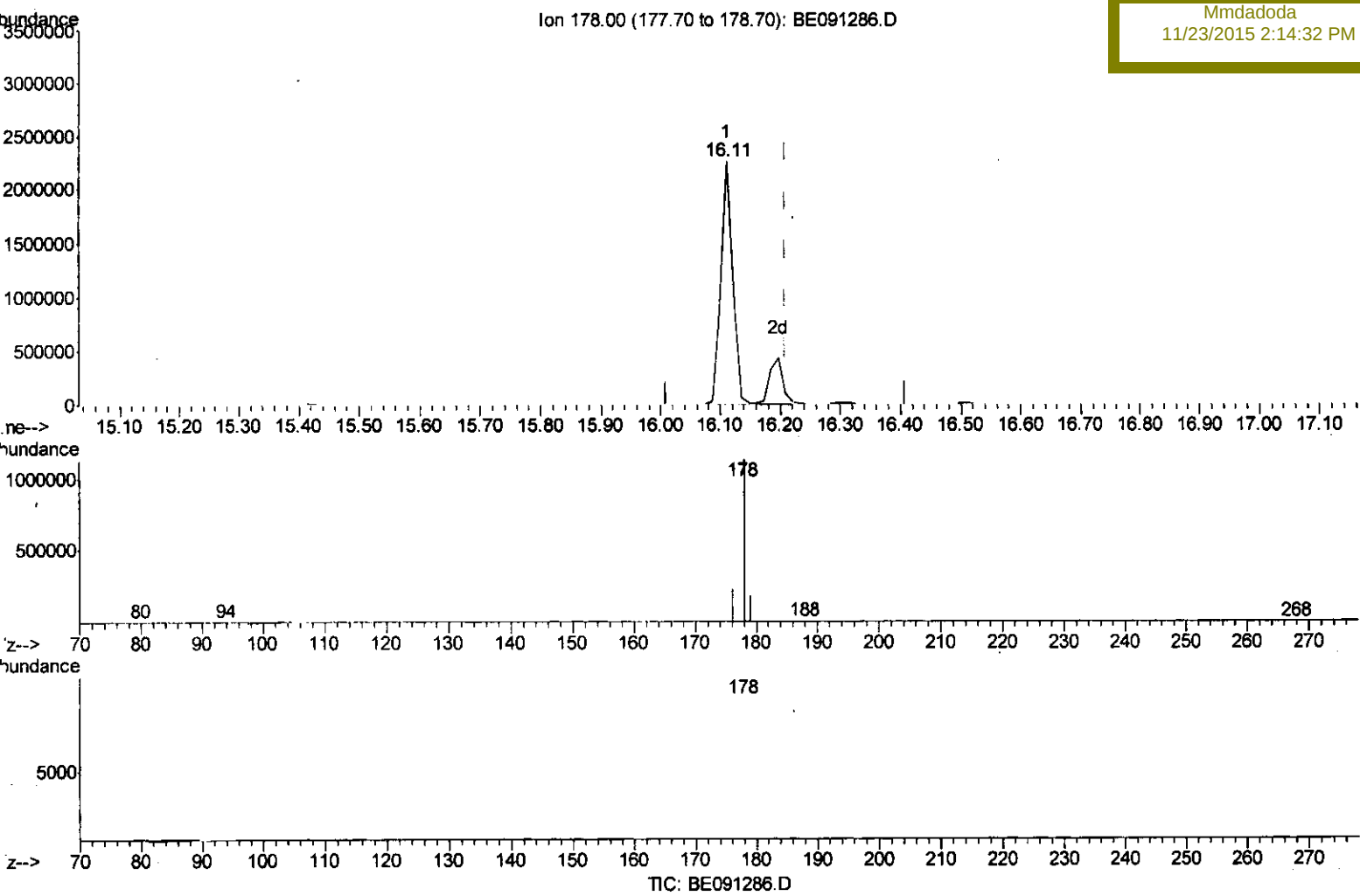
Ion	Exp%	Act%
178.00	100	100
176.00	19.80	17.60
179.00	16.60	20.32#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
Data File : BE091286.D
Acq On : 21 Nov 2015 21:07
Operator : UM/NP
Sample : G4345-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 22 02:03:09 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 : Sun Nov 22 01:59:17 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4J67

Manual Integrations
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(15) Anthracene
16.111min (-0.098) 14.53ng/ul
response 2968190

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	19.97
179.00	16.60	15.56
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
 Data File : BE091286.D
 Acq On : 21 Nov 2015 21:07
 Operator : UM/NP
 Sample : G4345-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 22 02:23:14 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 : Sun Nov 22 01:59:17 2015
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Instrument :
 BNA_E
 ClientSampleId :
 A4J67

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	2730	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.54	136	13370	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	7964	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.07	188	19450	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	23633	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	24339	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	2.93	96	14808	7.54	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.05	152	3441	0.19	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	7838	0.14	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	9.58	128	22155	0.67	ng/ul	99
7) 2-Methylnaphthalene	11.12	142	14081	0.66	ng/ul	98
9) Acenaphthylene	13.10	152	11420	0.29	ng/ul	99
10) Acenaphthene	13.42	153	27768	1.02	ng/ul	92
11) Fluorene	14.40	166	41309	1.18	ng/ul	91
13) Pentachlorophenol	15.84	266	1797	0.97	ng/ul	98
14) Phenanthrene	16.11	178	2970797	13.23	ng/ul	99
15) Anthracene	16.20	178	683442m	3.35	ng/ul	
17) Fluoranthene	18.09	202	3696676	14.06	ng/ul	89
19) Pyrene	18.47	202	3074987	11.45	ng/ul#	79
20) Benzo(a)anthracene	20.19	228	391893m	6.46	ng/ul	
21) Chrysene	20.26	228	412074	5.89	ng/ul	97
23) Benzo(b)fluoranthene	21.55	252	347340	4.57	ng/ul	95
24) Benzo(k)fluoranthene	21.57	252	271475	3.48	ng/ul	95
25) Benzo(a)pyrene	22.01	252	326128	4.66	ng/ul	92
26) Indeno(1,2,3-cd)pyrene	23.70	276	851561	2.89	ng/ul#	91
28) Benzo(a,h,i)perylene	24.26	276	785185	2.54	ng/ul	95

U.m
 11/25/2015

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