

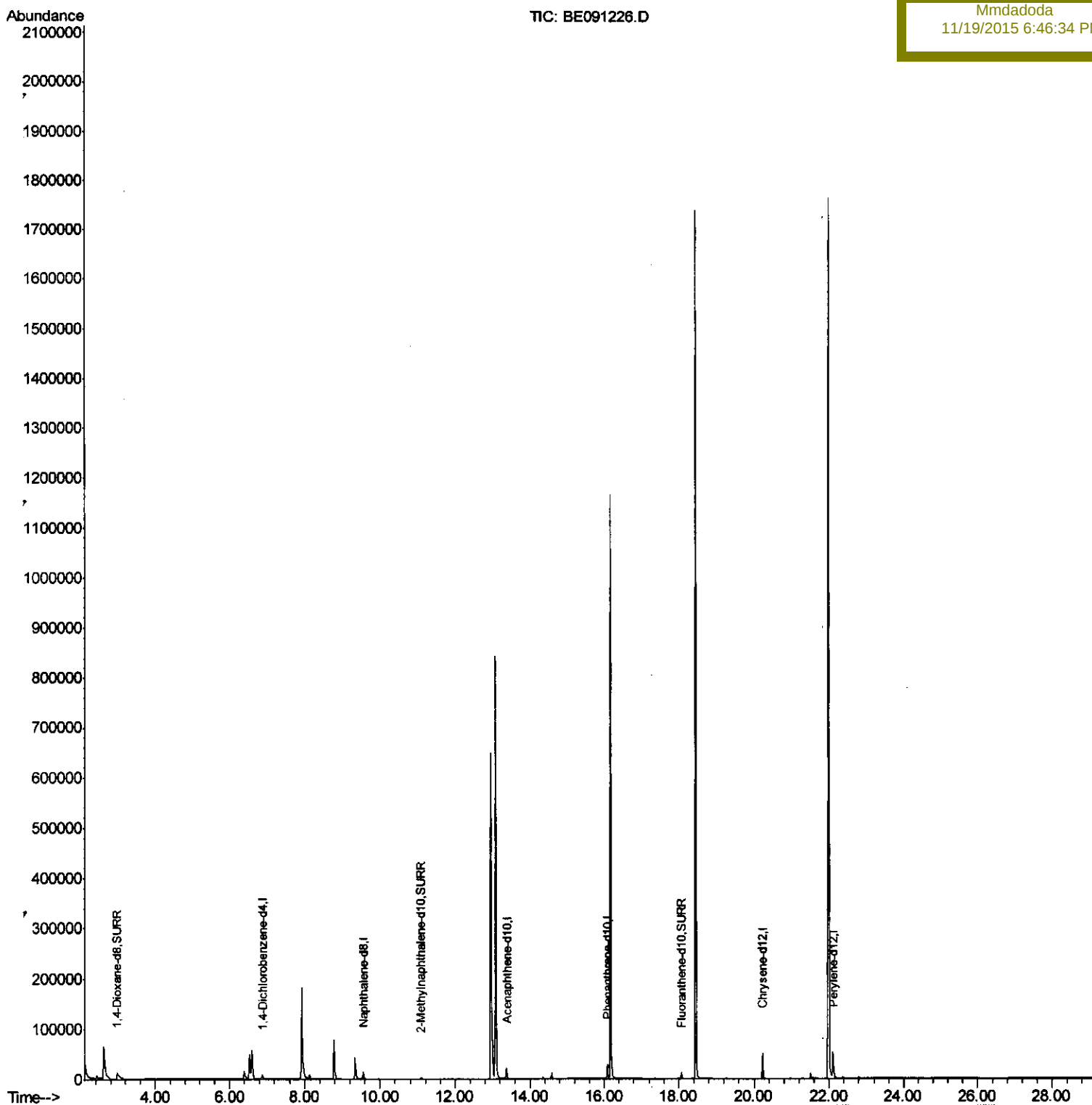
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111815\
Data File : BE091226.D
Acq On : 18 Nov 2015 14:05
Operator : UM/NP
Sample : PB86586BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 19 17:40:34 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 : Thu Nov 19 04:25:56 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SBLK86

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:46:34 PM



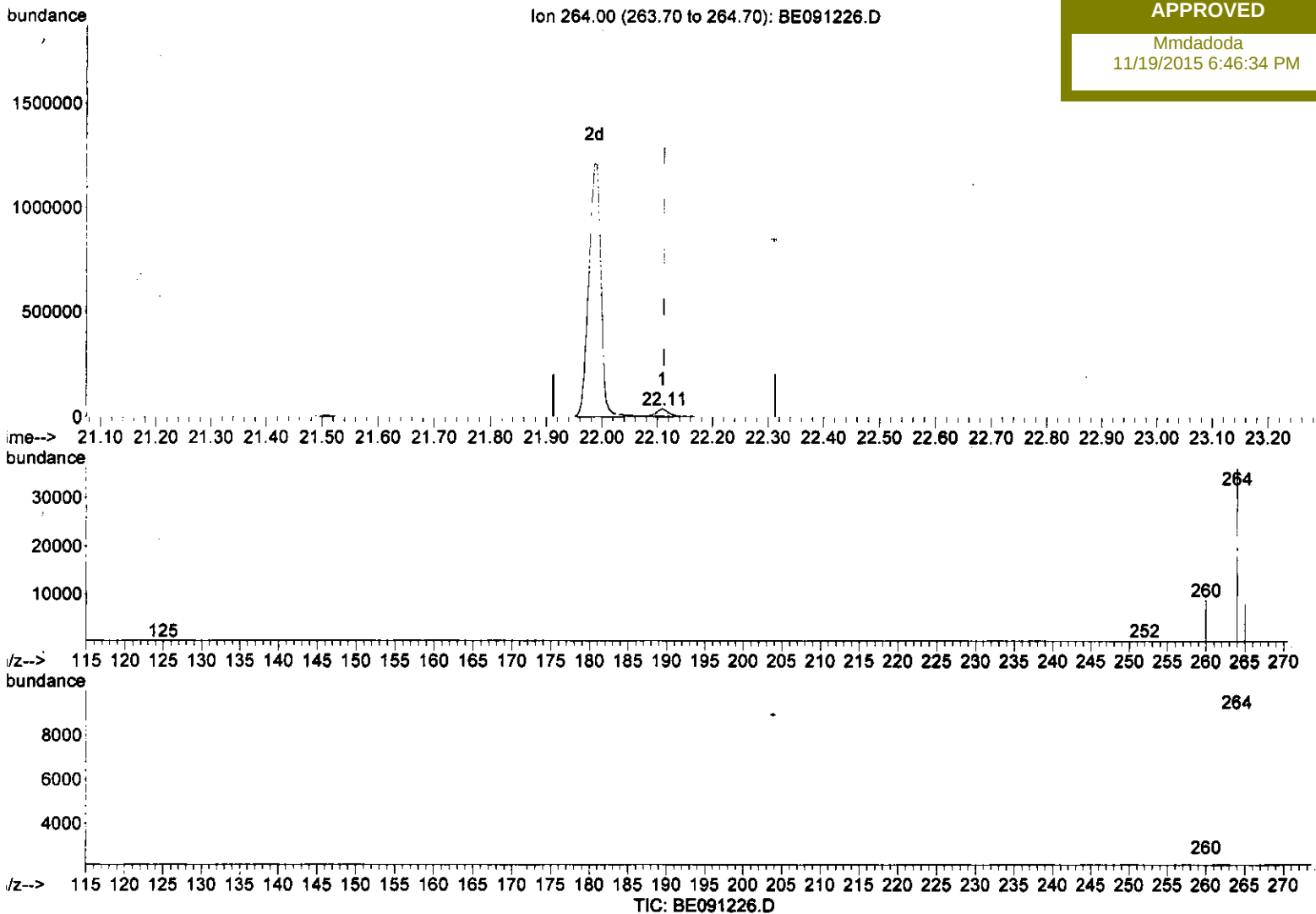
Data Path : Z:\HPCHEM1\BNA E\Data\BE111815\
Data File : BE091226.D
Acq On : 18 Nov 2015 14:05
Operator : UM/NP
Sample : PB86586BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 19 05:43:25 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 : Thu Nov 19 04:25:56 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SBLK86

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:46:34 PM



(22) Perylene-d12 (I)

22.109min (-0.004) 0.40ng/ul m

response 47057

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	24.51
265.00	34.70	21.78#
0.00	0.00	0.00

> U.M
25/11/15

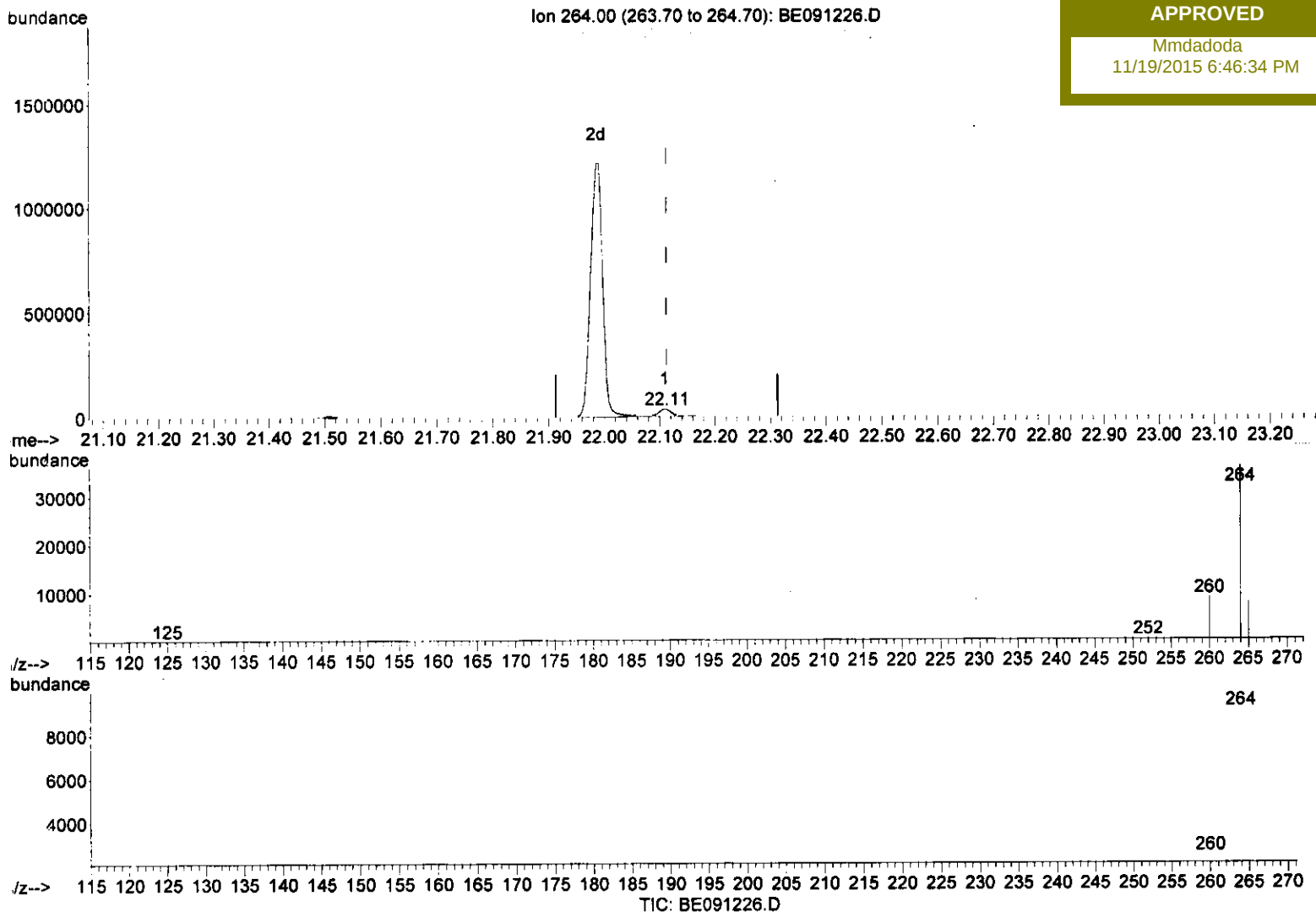
Data Path : Z:\HPCHEM1\BNA E\Data\BE111815\
 Data File : BE091226.D
 Acq On : 18 Nov 2015 14:05
 Operator : UM/NP
 Sample : PB86586BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 19 05:43:25 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 : Thu Nov 19 04:25:56 2015
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampled :
 SBLK86

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:46:34 PM



(22) Perylene-d12 (I)

22.109min (-0.004) 0.40ng/ul

response 62944

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	24.51
265.00	34.70	21.78#
0.00	0.00	0.00

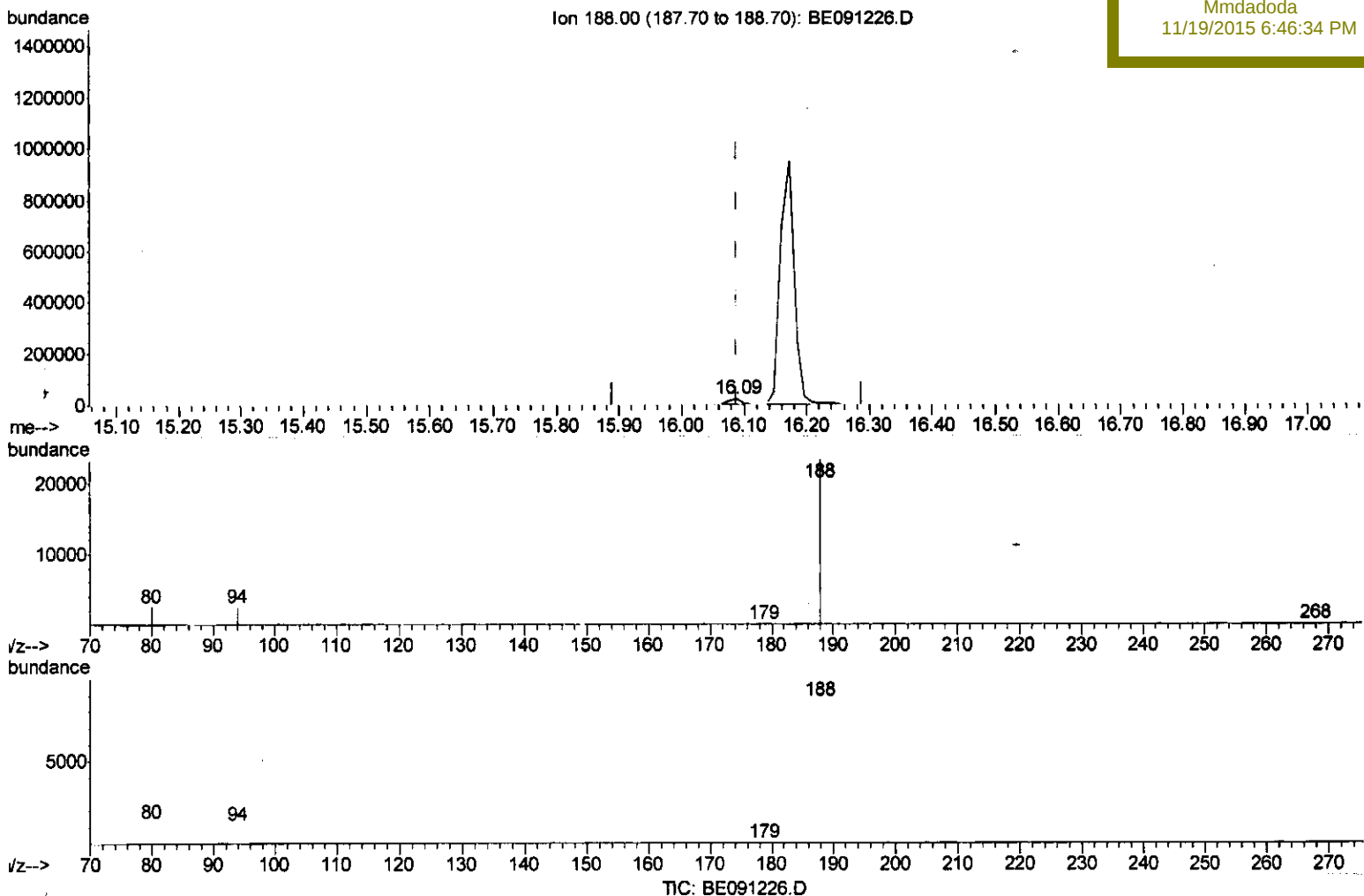
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091226.D
 Acq On : 18 Nov 2015 14:05
 Operator : UM/NP
 Sample : PB86586BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 19 04:28:57 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 : Thu Nov 19 04:25:56 2015
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 SBLK86

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:46:34 PM



(12) Phenanthrene-d10 (I)

16.088min (-0.001) 0.40ng/ul m

> $\frac{U.M}{25/11/15}$

response 31453

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	10.48
80.00	8.90	11.14#
0.00	0.00	0.00

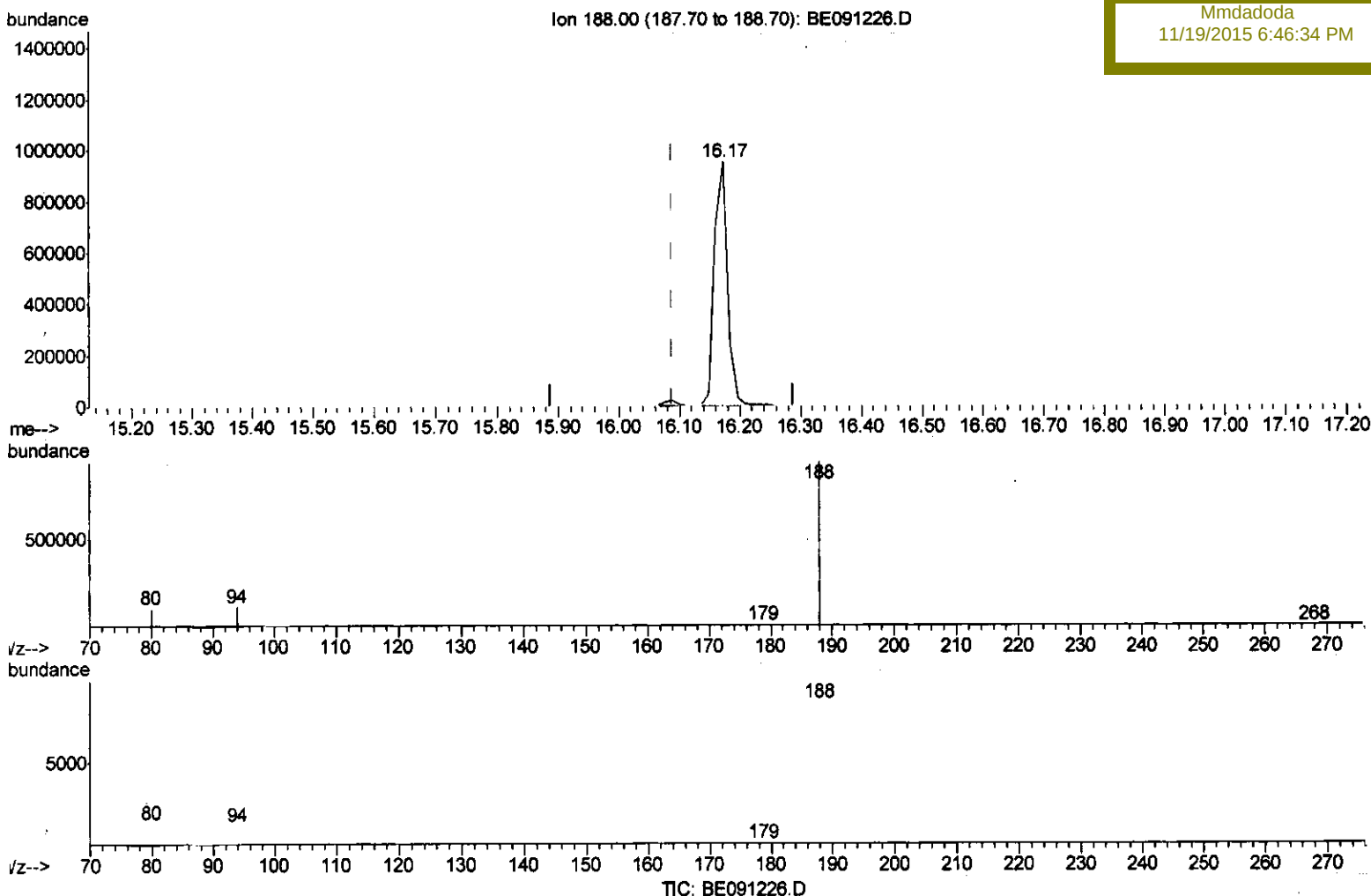
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091226.D
 Acq On : 18 Nov 2015 14:05
 Operator : UM/NP
 Sample : PB86586BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 19 04:28:57 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 : Thu Nov 19 04:25:56 2015
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 SBLK86

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:46:34 PM



(12) Phenanthrene-d10 (I)

16.173min (+0.084) 0.40ng/ul

response 1441942

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	11.64#
80.00	8.90	10.42
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111815\
Data File : BE091226.D
Acq On : 18 Nov 2015 14:05
Operator : UM/NP
Sample : PB86586BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 19 17:40:34 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 : Thu Nov 19 04:25:56 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SBLK86

Manual Integrations
APPROVED
Mmdadoda
11/19/2015 6:46:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	3572	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.56	136	18790	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.37	164	11268	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	31453m	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	50295	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	47057m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.97	96	22613	8.80	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.08	152	5227	0.20	ng/ul	0.01
16) Fluoranthene-d10	18.08	212	14239	0.16	ng/ul	0.00

Target Compounds	Ovalue
------------------	--------

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

U.M
11/19/15