

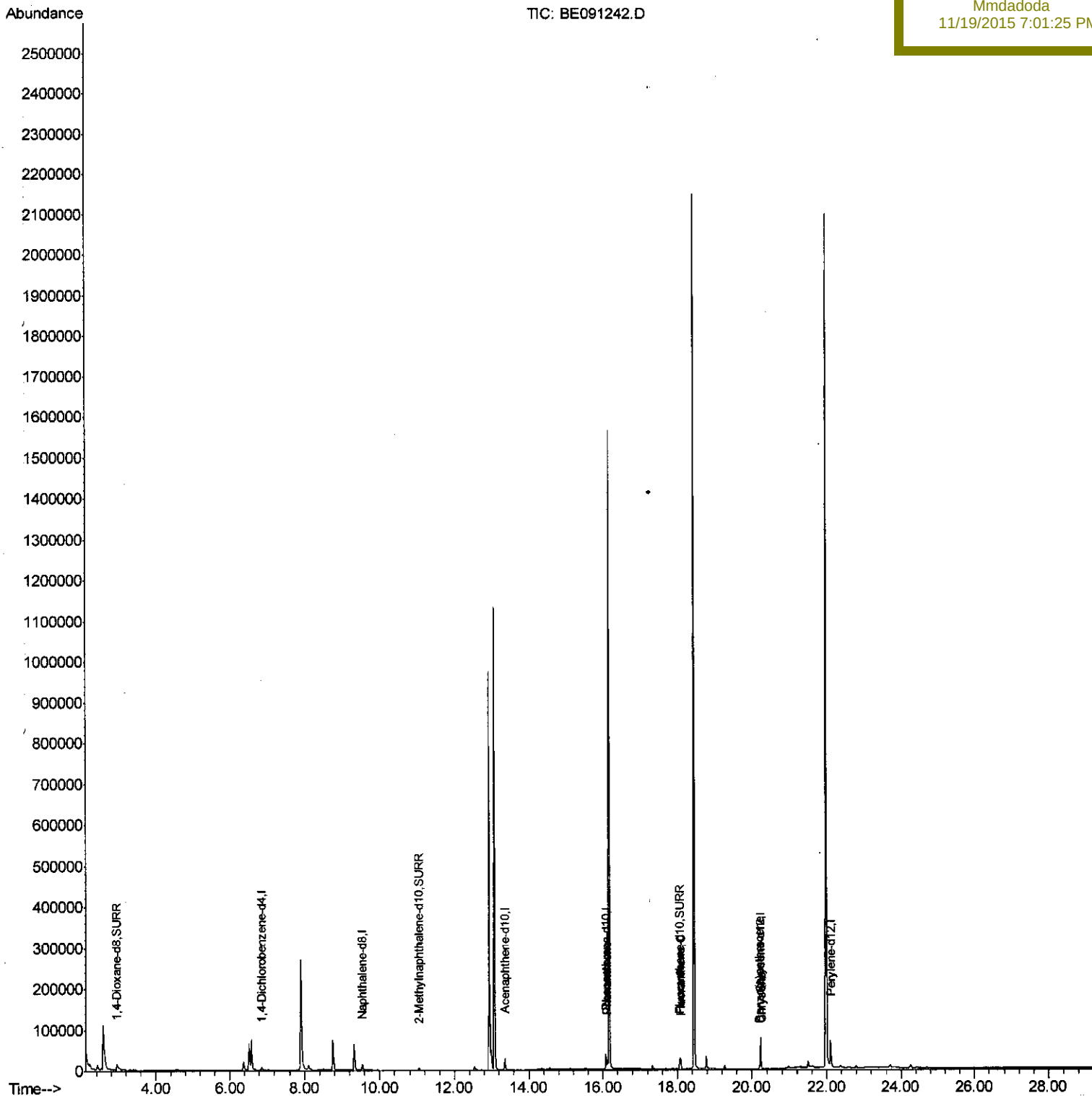
Data Path : Z:\HPCHEM1\BNA_E\Data\BE111815\
Data File : BE091242.D
Acq On : 18 Nov 2015 23:50
Operator : UM/NP
Sample : G4310-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Nov 19 18:37:58 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 06:02:12 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KM1

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 7:01:25 PM



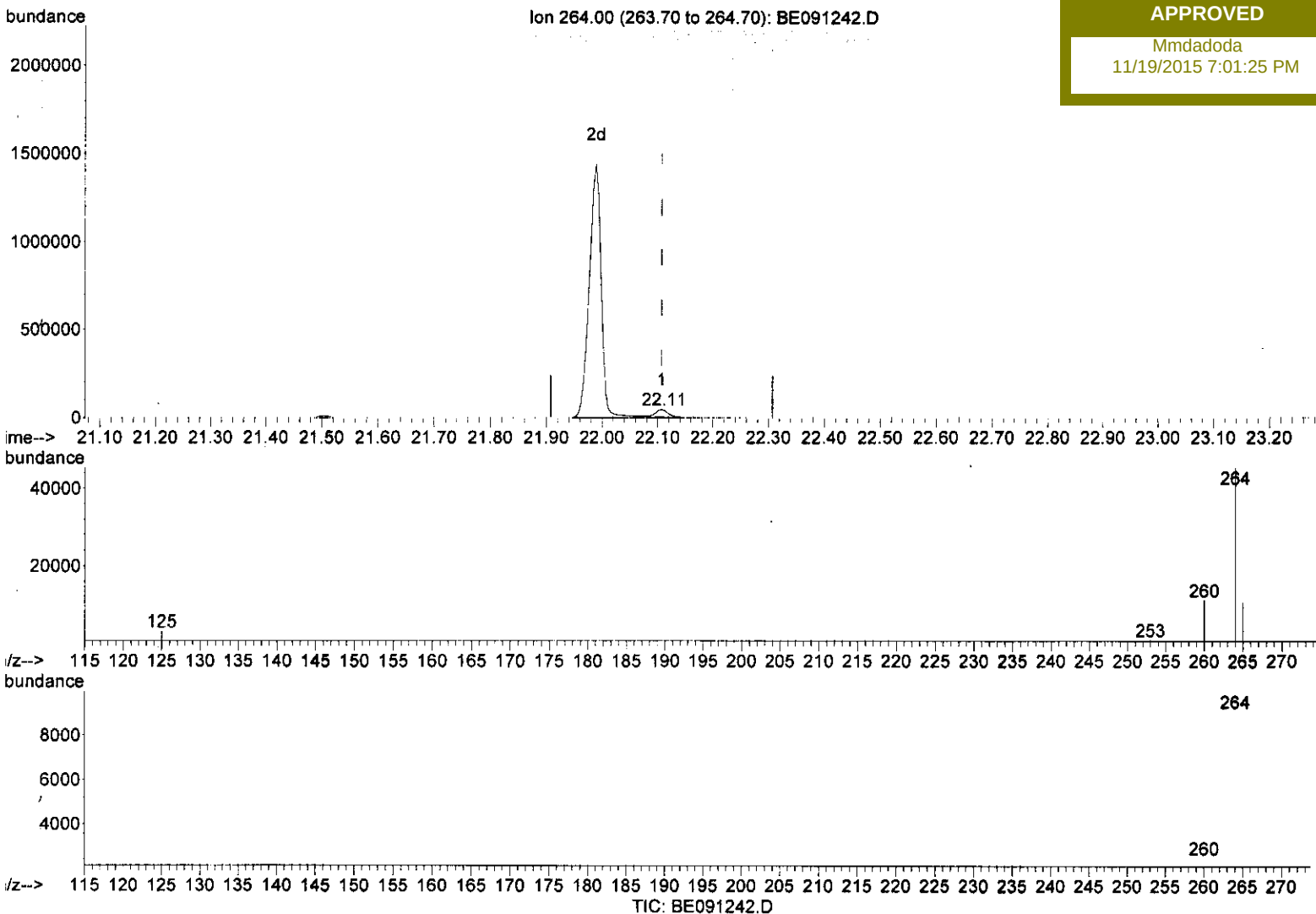
Data Path : Z:\HPCHEM1\BNA E\Data\BE111815\
 Data File : BE091242.D
 Acq On : 18 Nov 2015 23:50
 Operator : UM/NP
 Sample : G4310-06
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Quant Time: Nov 19 07:03:42 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 06:02:12 2015
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Manual Integrations
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(22) Perylene-d12 (I)

22.107min (+0.000) 0.40ng/ul m

response 59168

U.M
25/11/15

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	24.66
265.00	34.70	23.20#
0.00	0.00	0.00

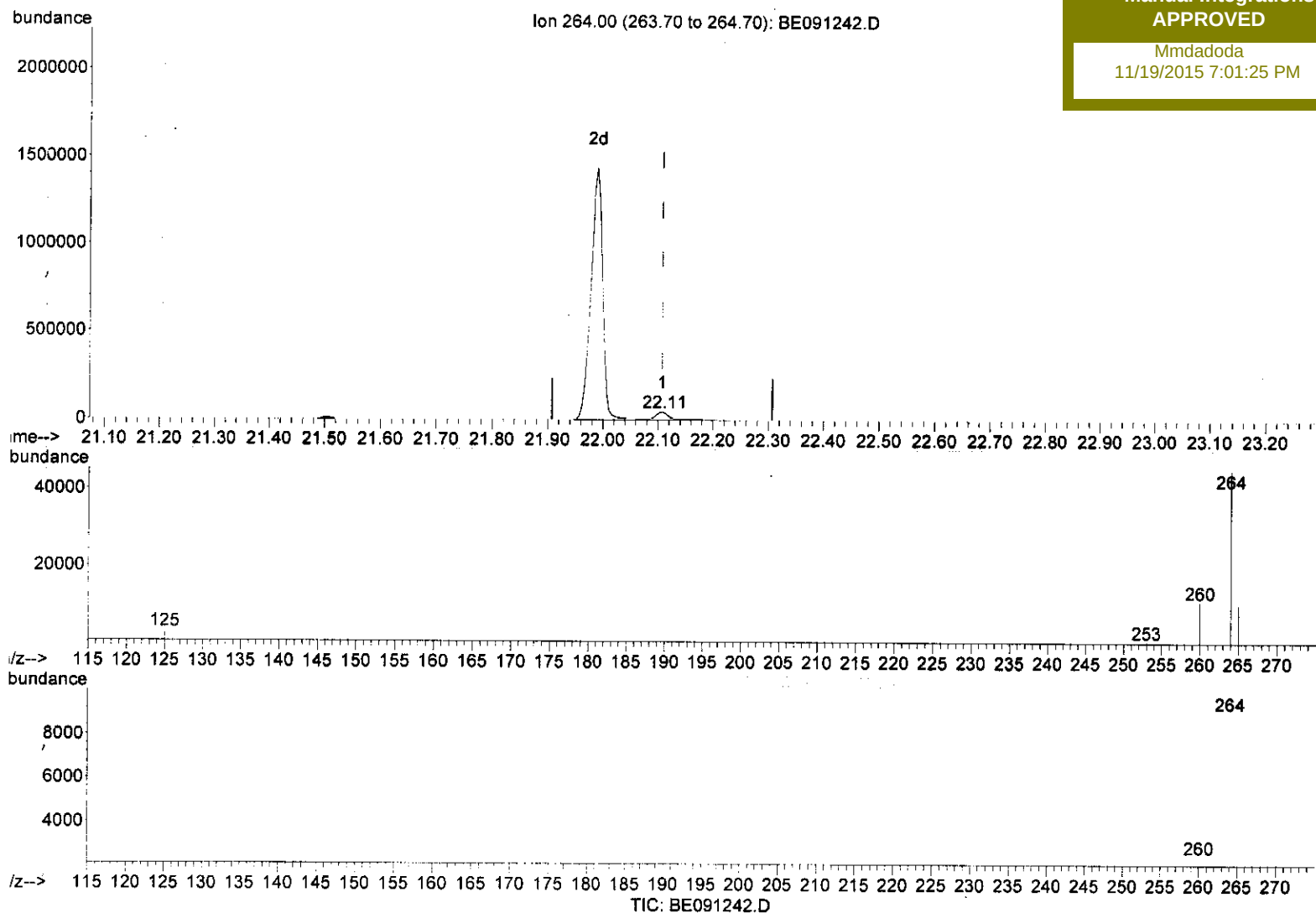
Data Path : Z:\HPCHEM1\BNA E\Data\BE111815\
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 Operator : UM/NP
 Sample : G4310-06
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Quant Time: Nov 19 07:03:42 2015
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Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 7:01:25 PM



(22) Perylene-d12 (I)

22.107min (+0.000) 0.40ng/ul

response 78163

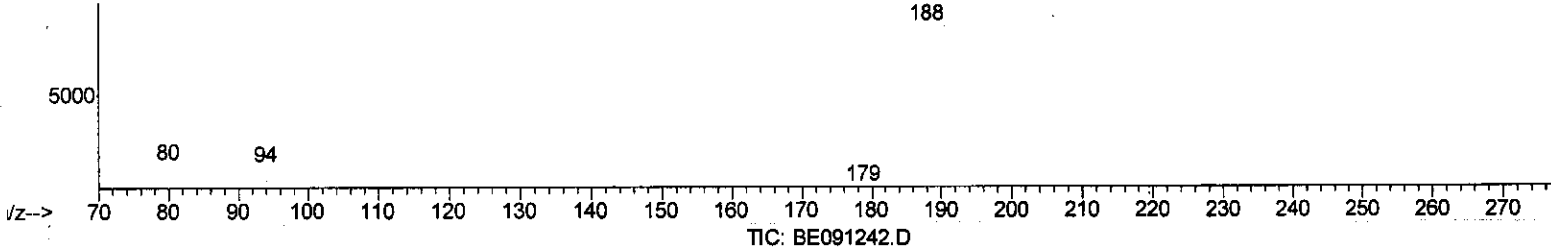
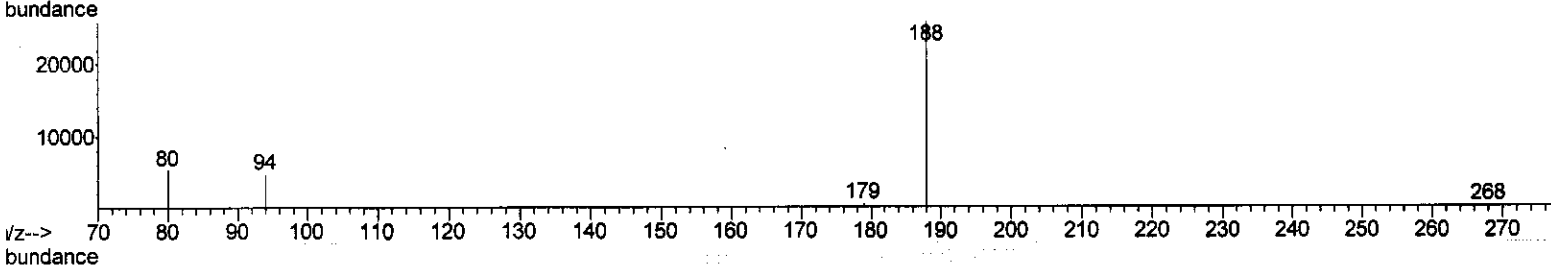
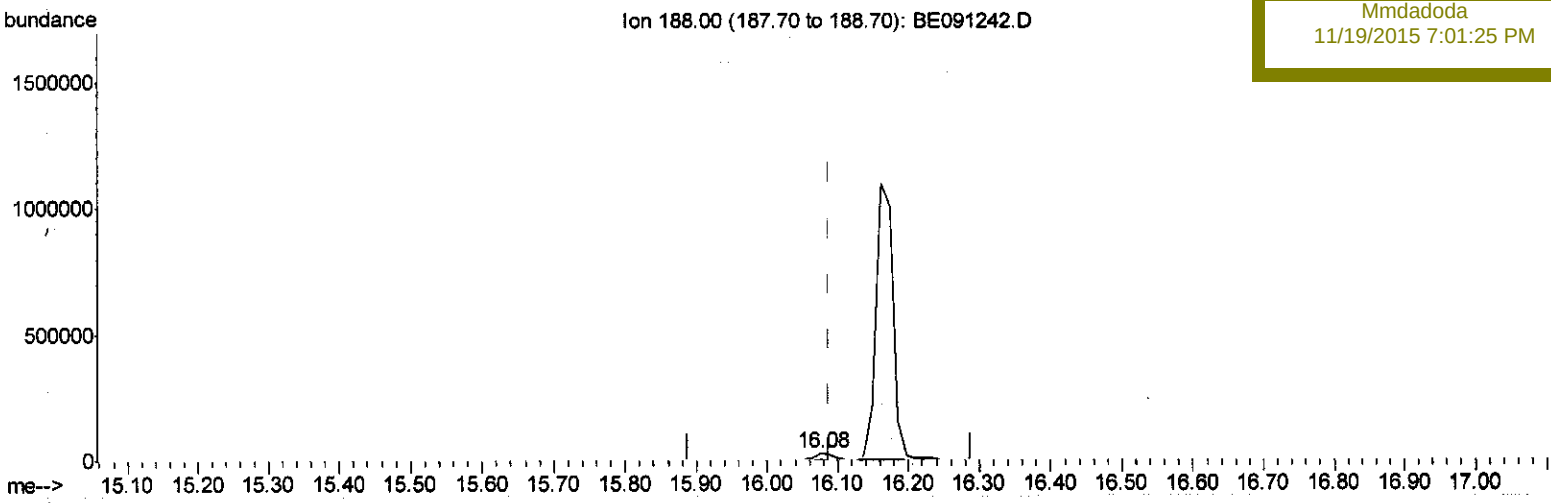
Ion	Exp%	Act%
264.00	100	100
260.00	28.90	24.66
265.00	34.70	23.20#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091242.D
 Acq On : 18 Nov 2015 23:50
 Operator : UM/NP
 Sample : G4310-06
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Quant Time: Nov 19 06:07:19 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 06:02:12 2015
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 D9KM1

Manual Integrations
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(12) Phenanthrene-d10 (I)

16.076min (-0.013) 0.40ng/ul m

20.03
25/11/15

response 39947

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	18.17#
80.00	8.90	20.55#
0.00	0.00	0.00

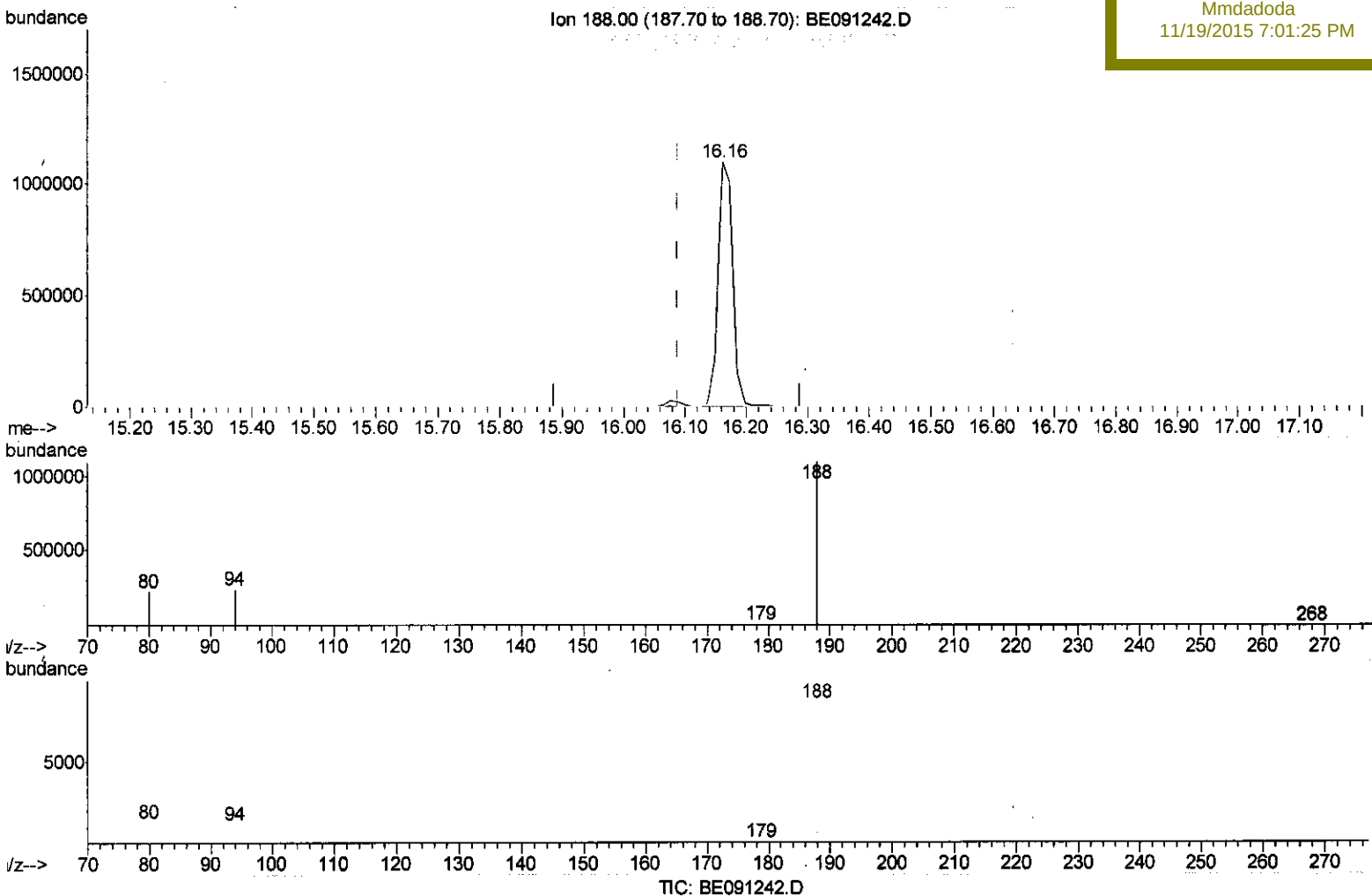
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091242.D
 Acq On : 18 Nov 2015 23:50
 Operator : UM/NP
 Sample : G4310-06
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Quant Time: Nov 19 06:07:19 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 06:02:12 2015
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 D9KM1

Manual Integrations
 APPROVED

Mmdadoda
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(12) Phenanthrene-d10 (I)

16.161min (+0.072) 0.40ng/ul

response 1814964

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	21.29#
80.00	8.90	20.52#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111815\
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	3462	0.40	ng/ul	-0.04
4) Naphthalene-d8	9.54	136	19380	0.40	ng/ul	-0.03
8) Acenaphthene-d10	13.36	164	15560	0.40	ng/ul	-0.01
12) Phenanthrene-d10	16.08	188	39947m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.23	240	66675	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	59168m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	2.95	96	24428	9.81	ng/uL	-0.05
6) 2-Methylnaphthalene-d10	11.05	152	9076	0.34	ng/ul	-0.01
16) Fluoranthene-d10	18.07	212	27289	0.24	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)	Ovalue
14) Phenanthrene	16.11	178	24112	0.05	ng/ul	95	
17) Fluoranthene	18.09	202	23387	0.04	ng/ul	85	

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

U.M.
 11/19/2015