

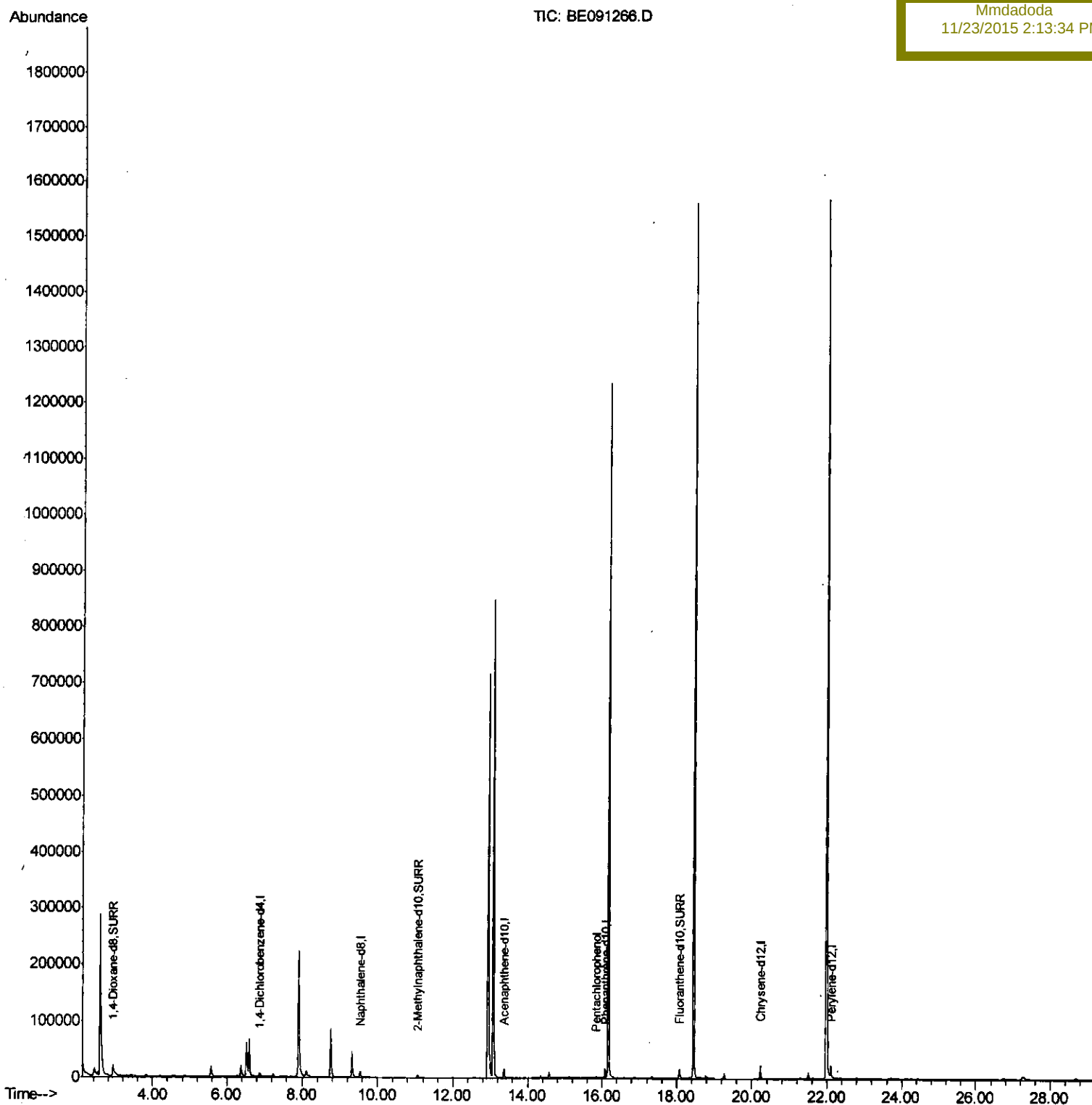
Data Path : Z:\HPCHEM1\BNA E\Data\BE112115\
Data File : BE091266.D
Acq On : 21 Nov 2015 5:04
Operator : UM/NP
Sample : G4310-22MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 23 10:03:05 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 : Mon Nov 23 00:41:30 2015
Response via : Initial Calibration

Instrument :
BNA E
ClientSampleId :
D9KL3MSD

Manual Integrations
APPROVED

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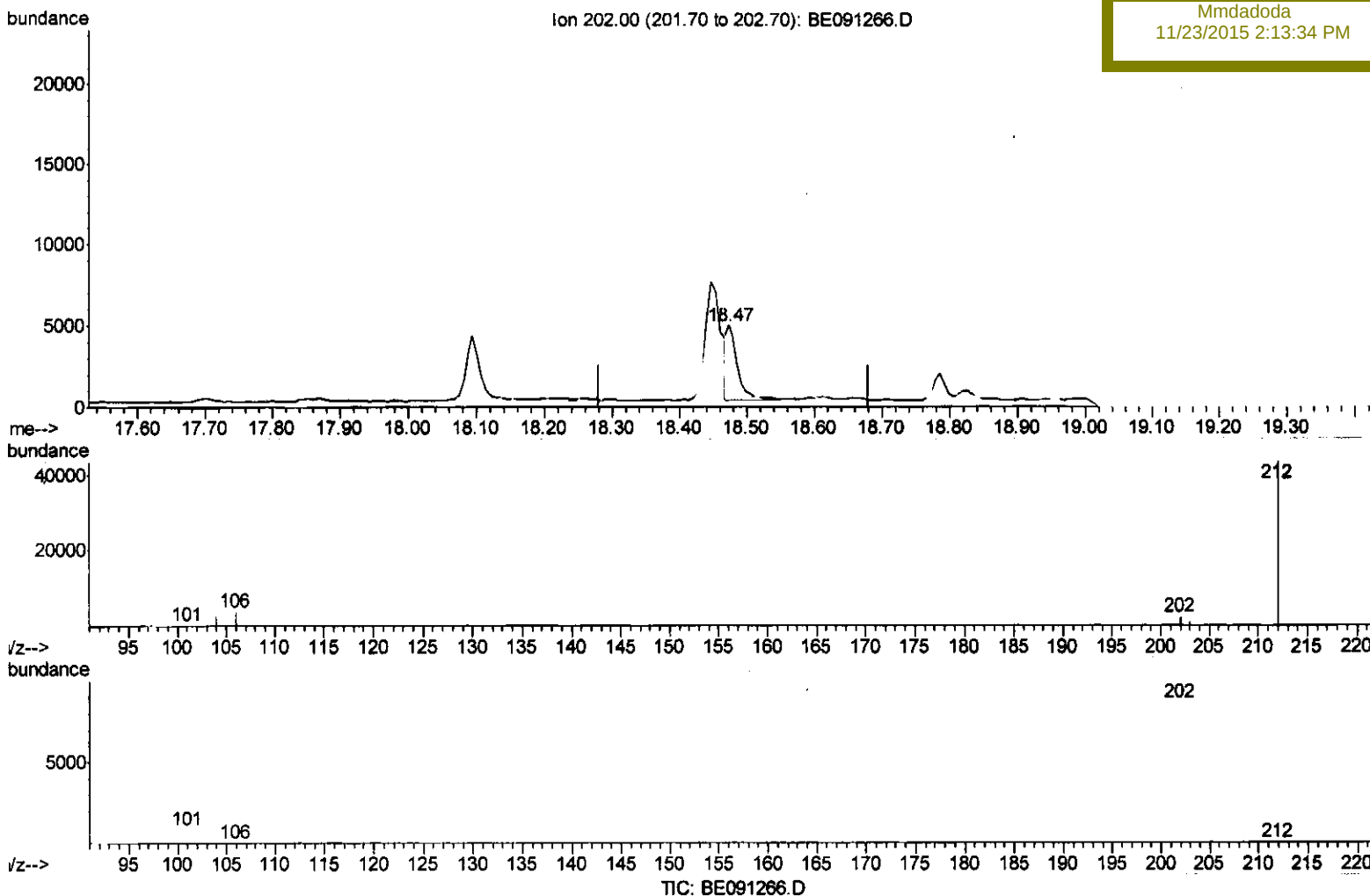
Data Path : Z:\HPCHEM1\BNA_E\Data\BE112115\
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Quant Time: Nov 23 10:01:26 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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Manual Integrations
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(19) Pyrene

18.473min (-0.008) 0.02ng/ul m

response 5432

Ion	Exp%	Act%
202.00	100	100
200.00	22.50	13.08#
203.00	17.20	44.44#
0.00	0.00	0.00

U.m
11/25/15

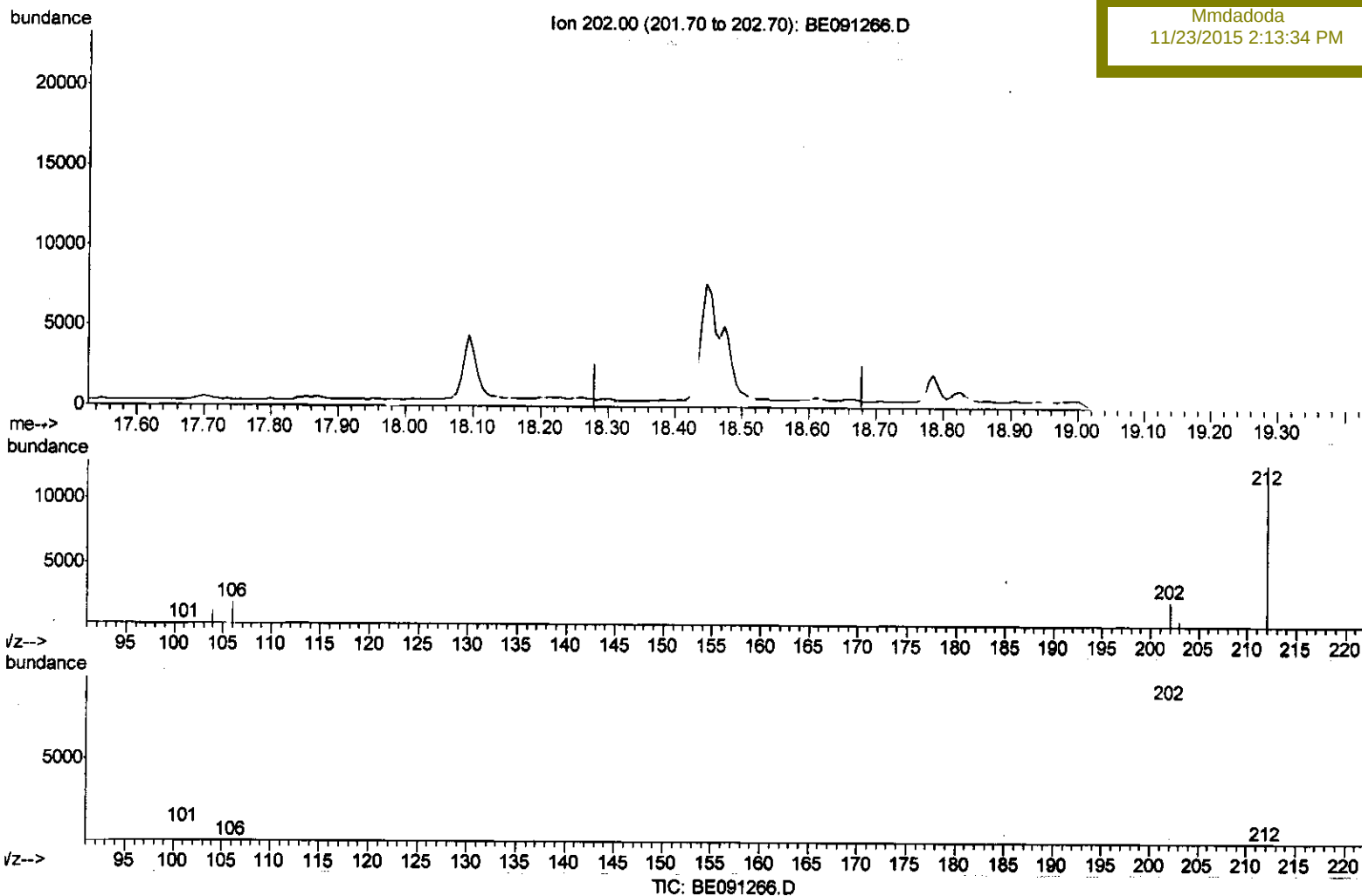
Data Path : Z:\HPCHEM1\BNA_E\Data\BE112115\
Data File : BE091266.D
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Sample : G4310-22MSD
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ALS Vial : 20 Sample Multiplier: 1

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Manual Integrations
APPROVED

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(19) Pyrene

18.481min (-18.481) 0.00ng/ul d

response 0

Ion	Exp%	Act%
202.00	100	0.00
200.00	22.50	0.00
203.00	17.20	0.00
0.00	0.00	0.00

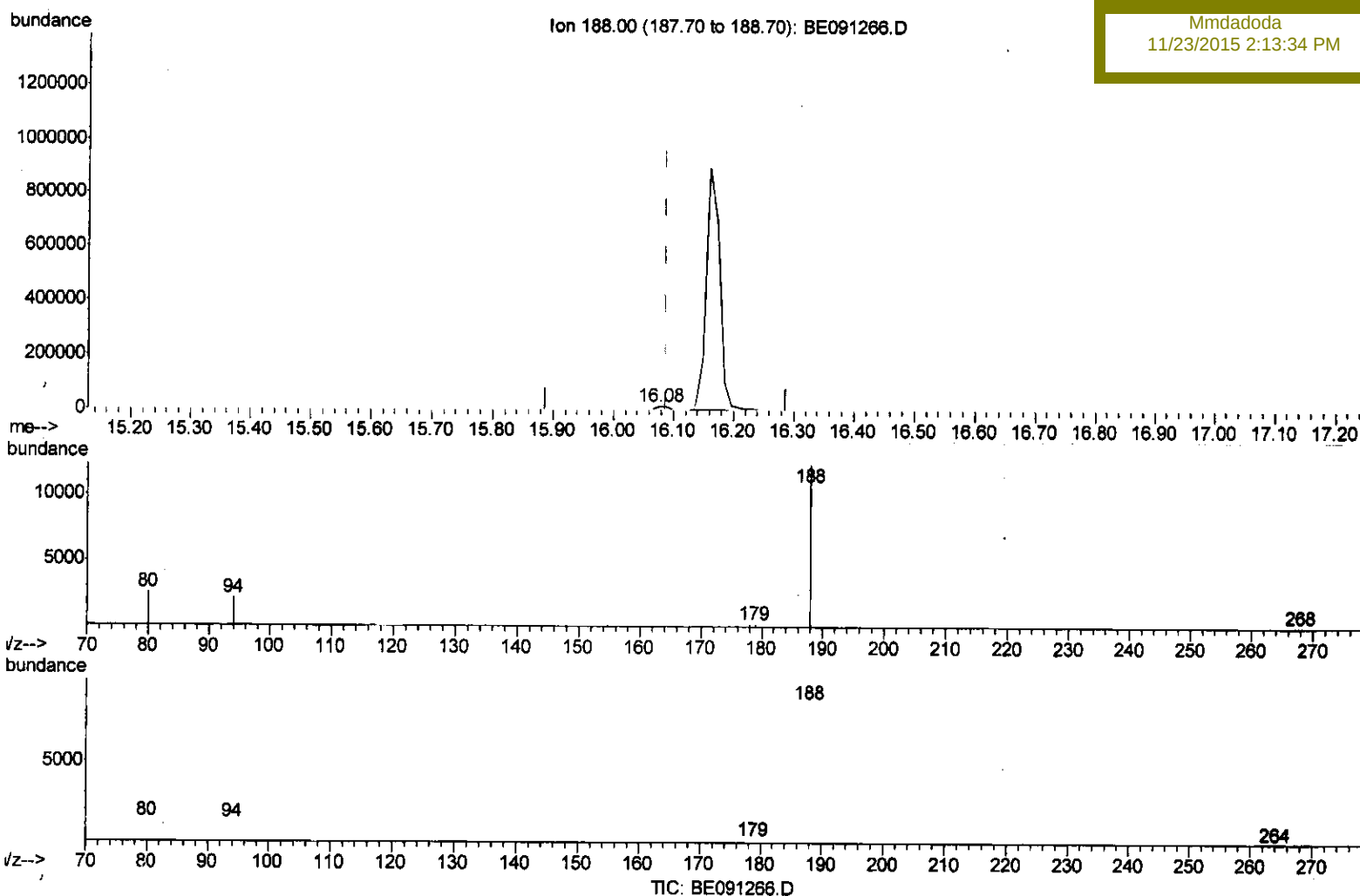
Data Path : Z:\HPCHEM1\BNA_E\Data\BE112115\
 Data File : BE091266.D
 Acq On : 21 Nov 2015 5:04
 Operator : UM/NP
 Sample : G4310-22MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 23 10:00:42 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 : Mon Nov 23 00:41:30 2015
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Manual Integrations
 APPROVED

Mmdadoda
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(12) Phenanthrene-d10 (I)

16.076min (-0.013) 0.40ng/ul m

response 19238

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	17.31#
80.00	8.90	20.60#
0.00	0.00	0.00

U.M
 11/25/15

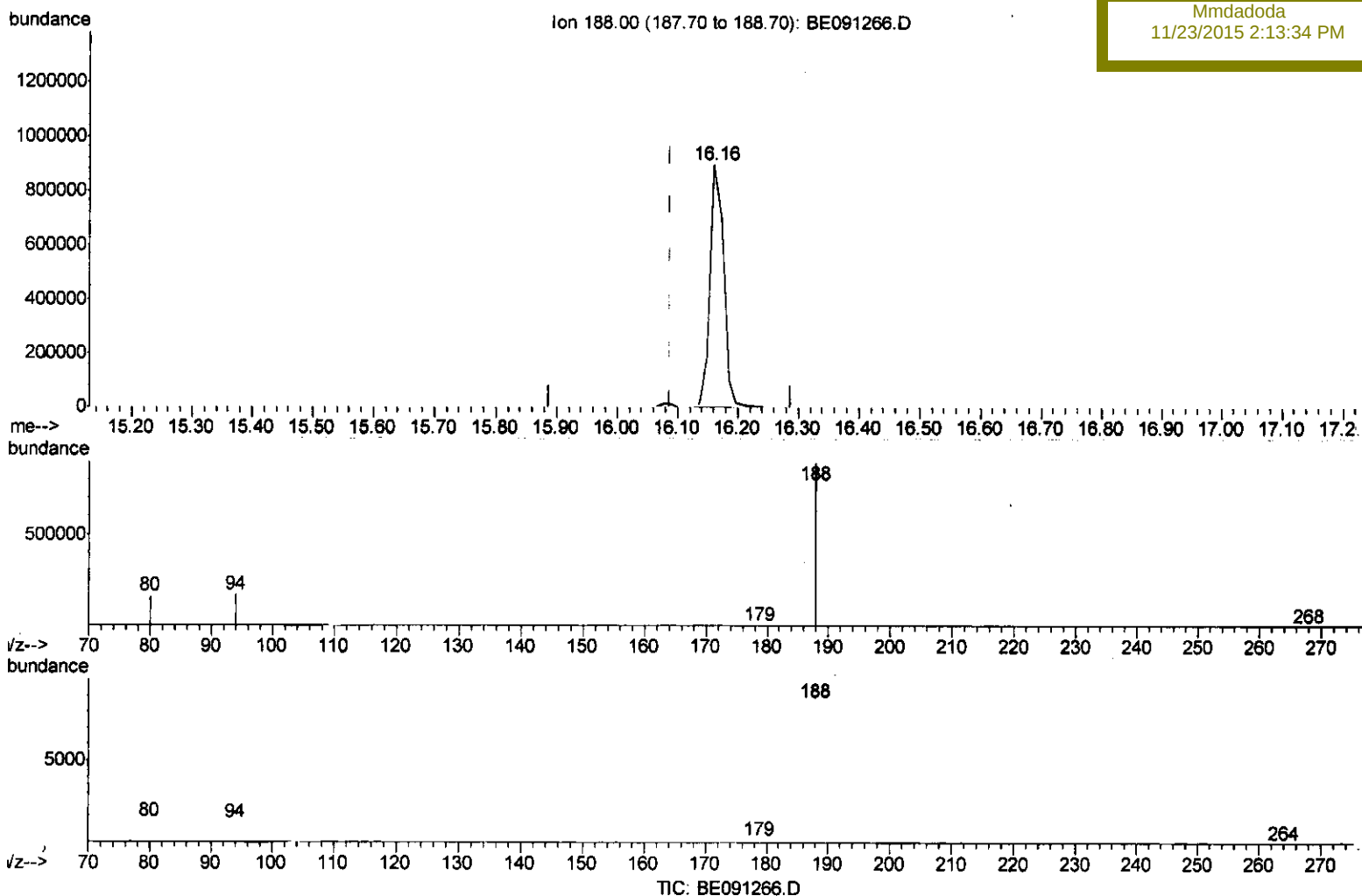
Data Path : Z:\HPCHEM1\BNA_E\Data\BE112115\
 Data File : BE091266.D
 Acq On : 21 Nov 2015 5:04
 Operator : UM/NP
 Sample : G4310-22MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 23 10:00:42 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
 BNA_E
 ClientSampleId :
 D9KL3MSD

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 2:13:34 PM



(12) Phenanthrene-d10 (I)

16.160min (+0.072) 0.40ng/ul

response 1389878

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	19.18#
80.00	8.90	18.12#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\Data\BE112115\
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Acq On : 21 Nov 2015 5:04
Operator : UM/NP
Sample : G4310-22MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

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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	3174	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.55	136	15126	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.36	164	8031	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.08	188	19238m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.23	240	21845	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	17454m	0.40	ng/ul	0.00

} u.m
11/25/15

System Monitoring Compounds

2) 1,4-Dioxane-d8	2.92	96	25071	10.98	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.06	152	6349	0.31	ng/ul	0.00
16) Fluoranthene-d10	18.07	212	18114	0.33	ng/ul	0.00

Target Compounds

					Ovalue
13) Pentachlorophenol	15.85	266	1575	0.86	ng/ul 94

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