

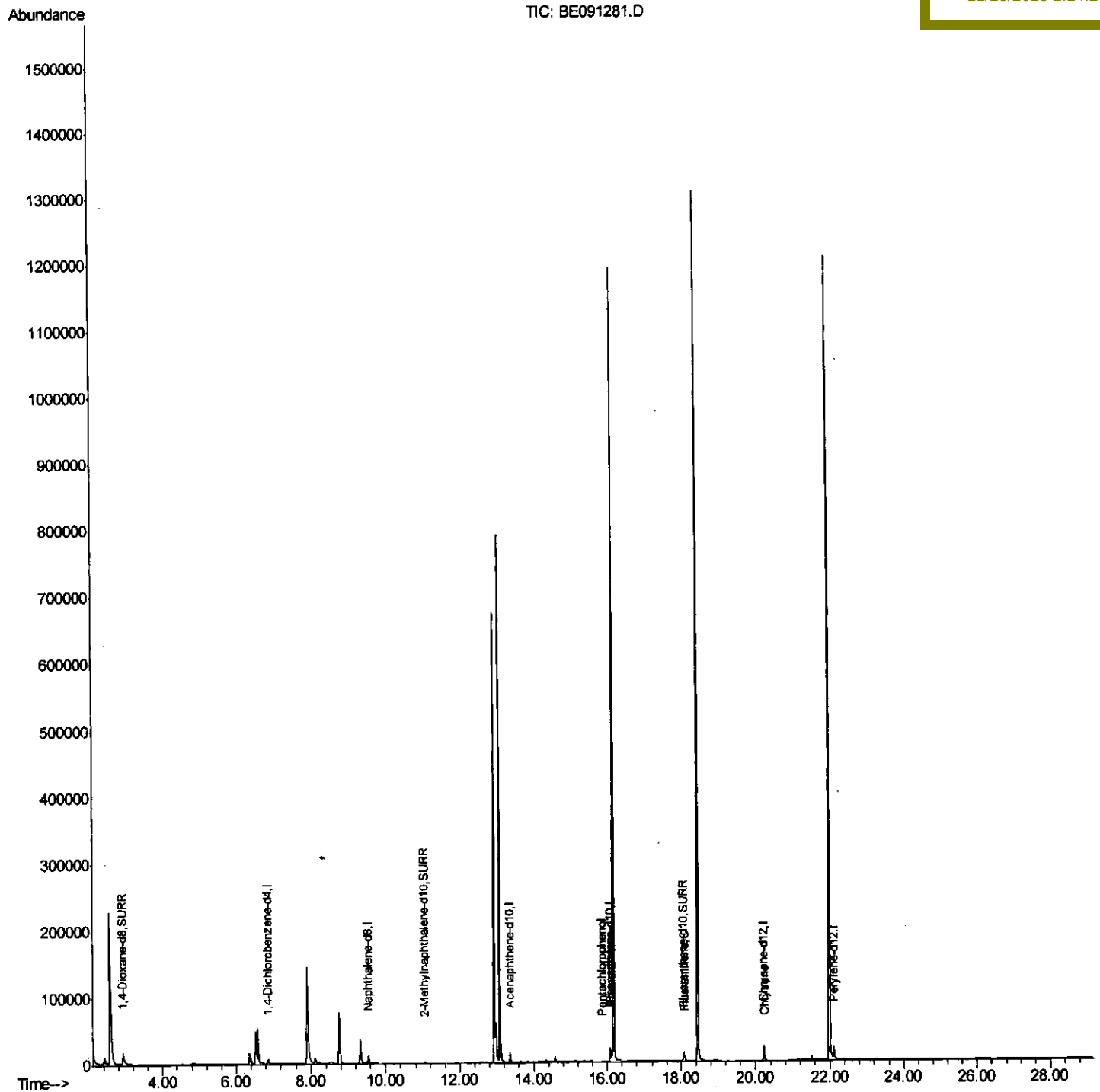
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
Data File : BE091281.D
Acq On : 21 Nov 2015 18:02
Operator : UM/NP
Sample : G4345-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4J62

Quant Time: Nov 23 10:29:05 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 : Sun Nov 22 01:59:17 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 2:14:27 PM



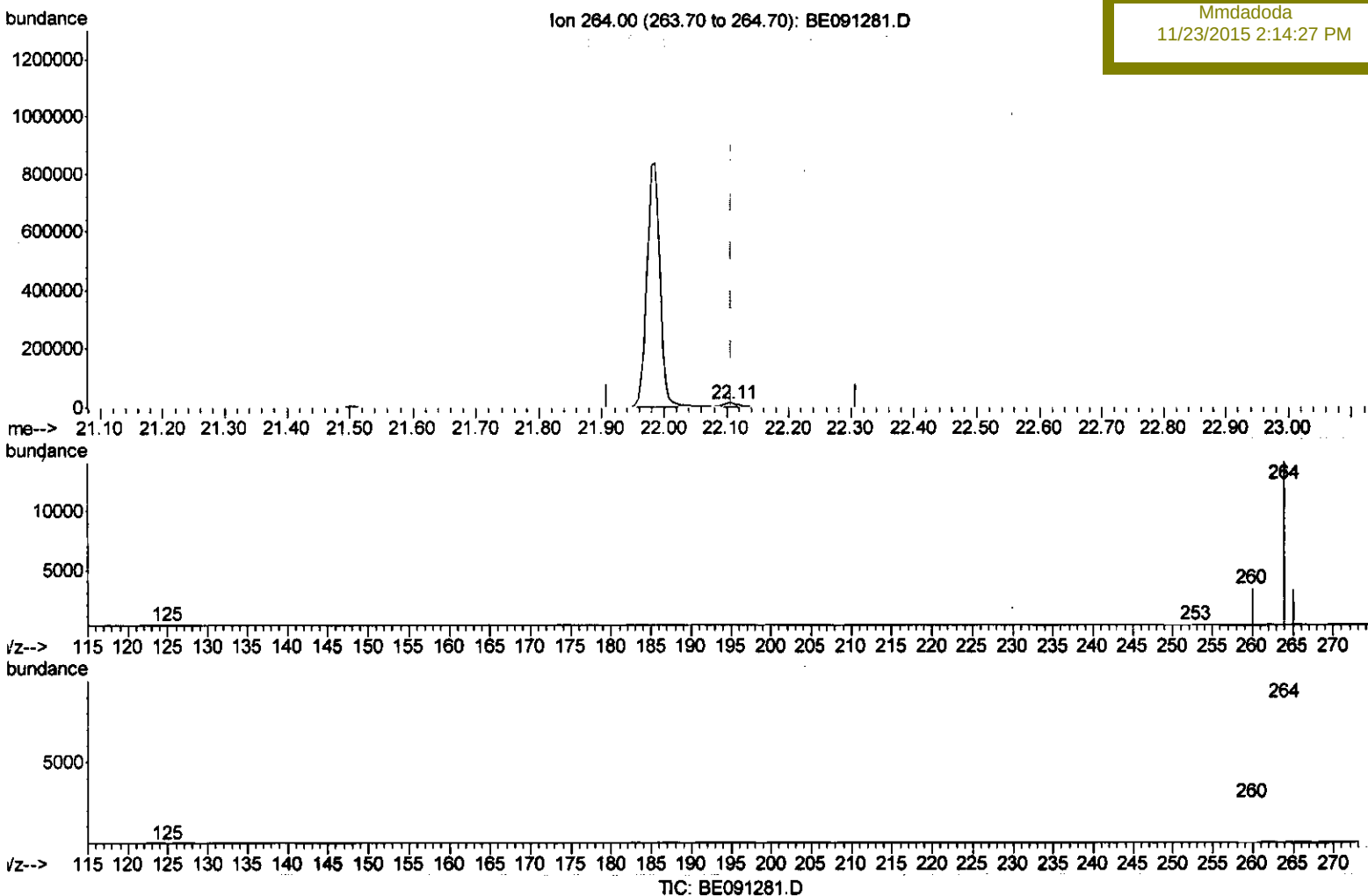
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
 Data File : BE091281.D
 Acq On : 21 Nov 2015 18:02
 Operator : UM/NP
 Sample : G4345-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 22 02:06:25 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 : Sun Nov 22 01:59:17 2015
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 A4J62

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 2:14:27 PM



(22) Perylene-d12 (I)

22.108min (-0.001) 0.40ng/ul m

response 16452

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	23.64
265.00	34.70	22.86#
0.00	0.00	0.00

U.M
 11/25/15

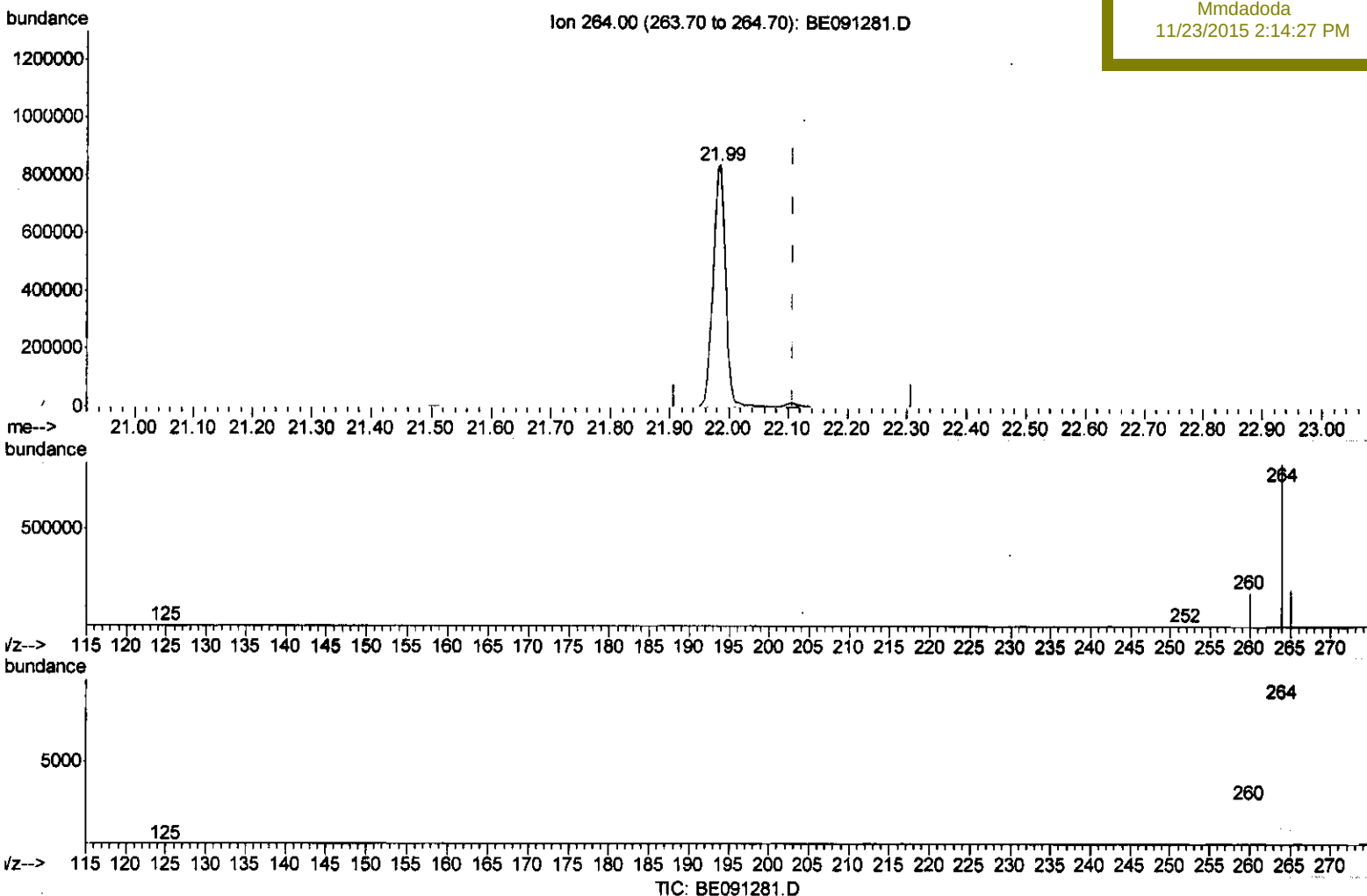
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
 Data File : BE091281.D
 Acq On : 21 Nov 2015 18:02
 Operator : UM/NP
 Sample : G4345-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 22 02:06:25 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 : Sun Nov 22 01:59:17 2015
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 A4J62

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 2:14:27 PM



(22) Perylene-d12 (I)

21.985min (-0.124) 0.40ng/ul

response 1236607

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	20.77#
265.00	34.70	22.42#
0.00	0.00	0.00

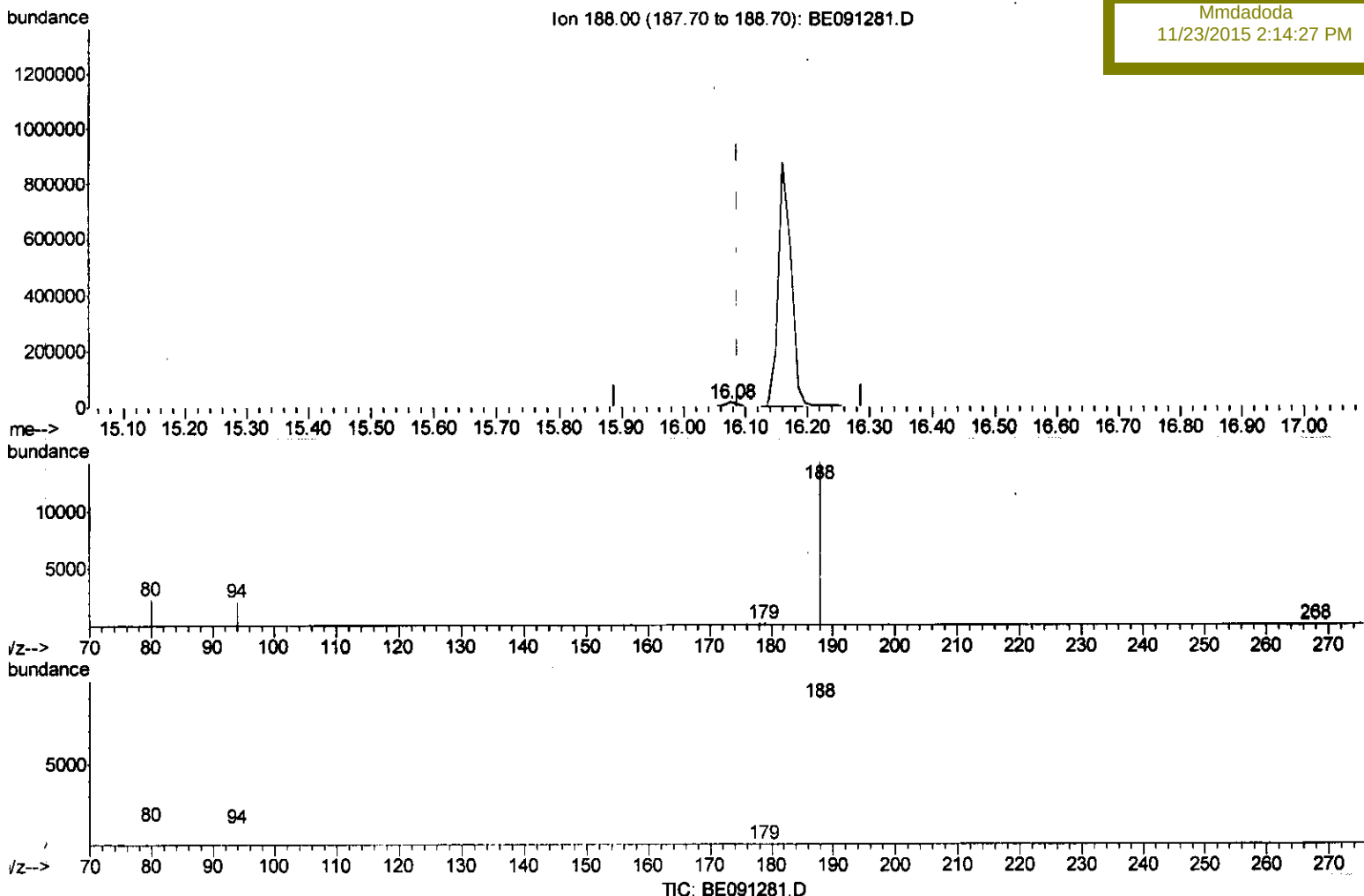
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
 Data File : BE091281.D
 Acq On : 21 Nov 2015 18:02
 Operator : UM/NP
 Sample : G4345-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 22 02:01:16 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 :
 A4J62

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 2:14:27 PM



(12) Phenanthrene-d10 (I)

16.076min (-0.013) 0.40ng/ul m

response 19925

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	14.94#
80.00	8.90	16.60#
0.00	0.00	0.00

U.m
11/25/15

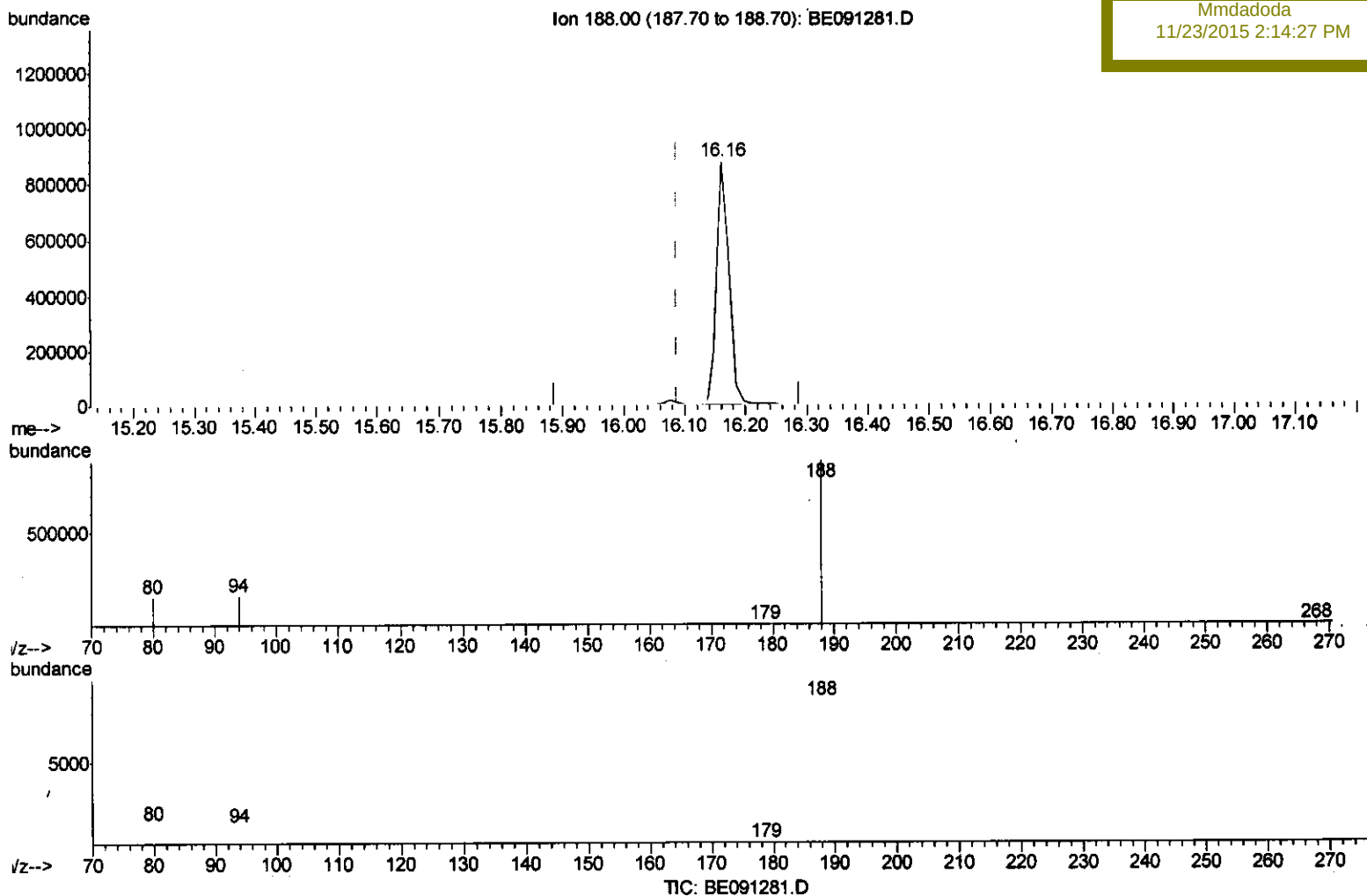
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
 Data File : BE091281.D
 Acq On : 21 Nov 2015 18:02
 Operator : UM/NP
 Sample : G4345-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 22 02:01:16 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 :
 A4J62

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 2:14:27 PM



(12) Phenanthrene-d10 (I)

16.160min (+0.072) 0.40ng/ul

response 1262131

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	17.96#
80.00	8.90	17.15#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
 Data File : BE091281.D
 Acq On : 21 Nov 2015 18:02
 Operator : UM/NP
 Sample : G4345-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4J62

Quant Time: Nov 23 10:29:05 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 : Sun Nov 22 01:59:17 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 2:14:27 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	3098	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.54	136	14785	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	8355	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.08	188	19925m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.23	240	21181	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	16452m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	21573	9.68	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.05	152	5353	0.27	ng/ul	0.00
16) Fluoranthene-d10	18.07	212	14364	0.26	ng/ul	0.00
Target Compounds						Ovalue
13) Pentachlorophenol	15.86	266	218	0.12	ng/ul	96
14) Phenanthrene	16.11	178	14169	0.06	ng/ul	95
17) Fluoranthene	18.10	202	10129	0.04	ng/ul	85
21) Chrysene	20.26	228	1643	0.03	ng/ul#	90

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

U.M
 11/25/15