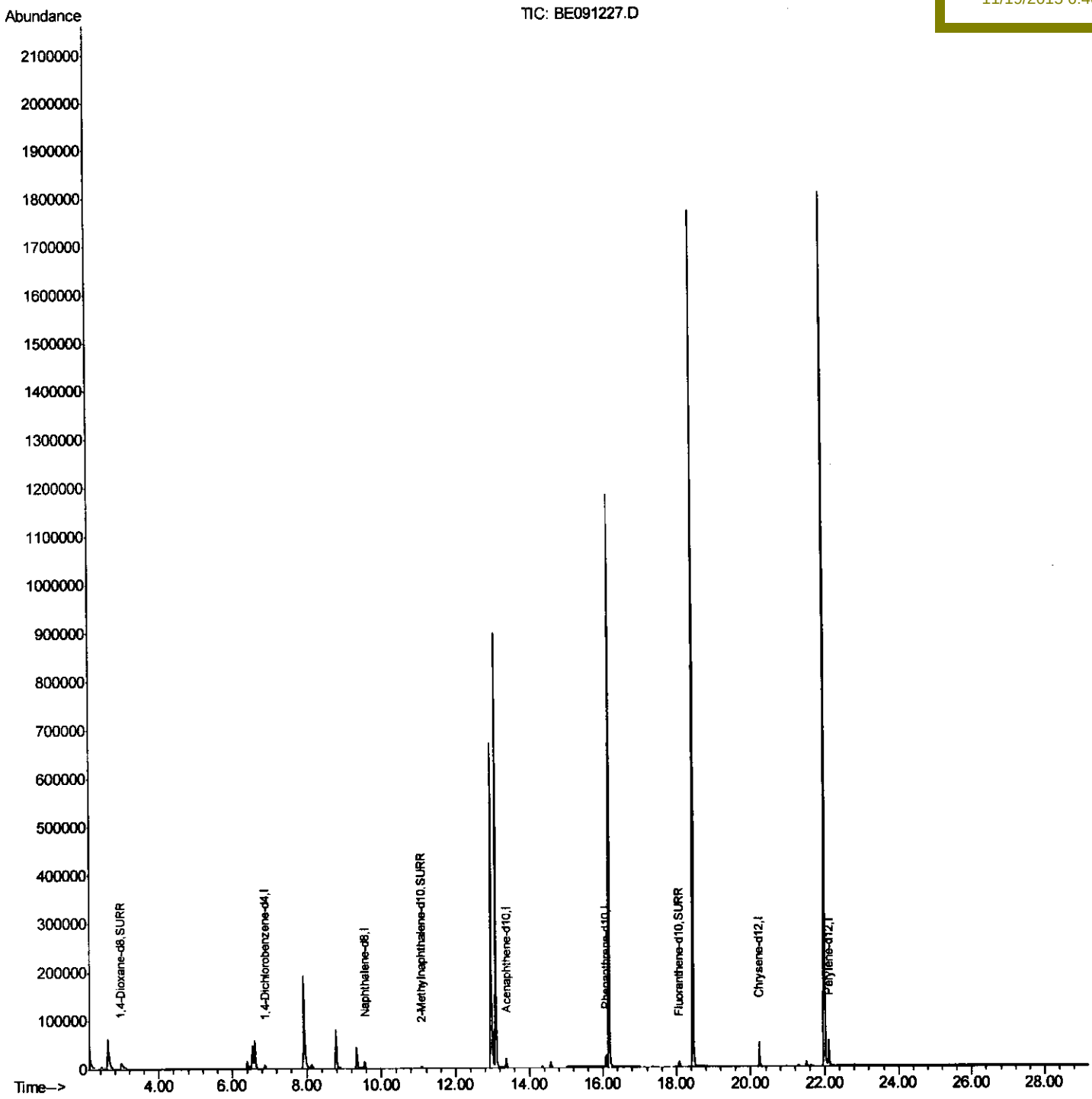
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111815\
Data File : BE091227.D
Acq On : 18 Nov 2015 14:41
Operator : UM/NP
Sample : PB86634BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 19 17:41:36 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 :
SBLK34

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:46:35 PM



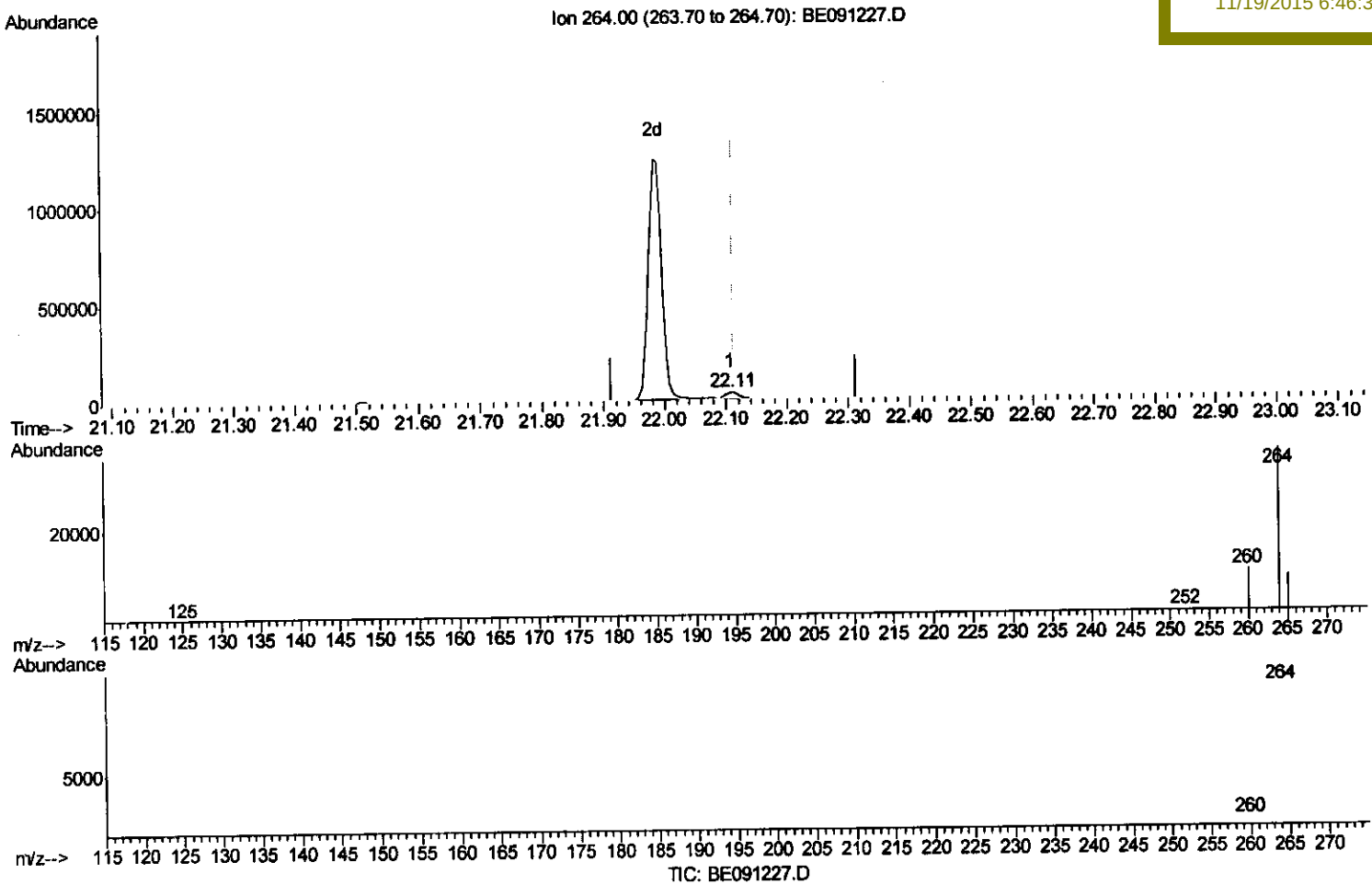
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111815\
Data File : BE091227.D
Acq On : 18 Nov 2015 14:41
Operator : UM/NP
Sample : PB86634BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 19 17:41:36 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 :
SBLK34

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:46:35 PM



(22) Perylene-d12 (I)

22.108min (-0.005) 0.40ng/ul m

response 46285

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	25.59
265.00	34.70	22.31#
0.00	0.00	0.00

U.M
11 119 115

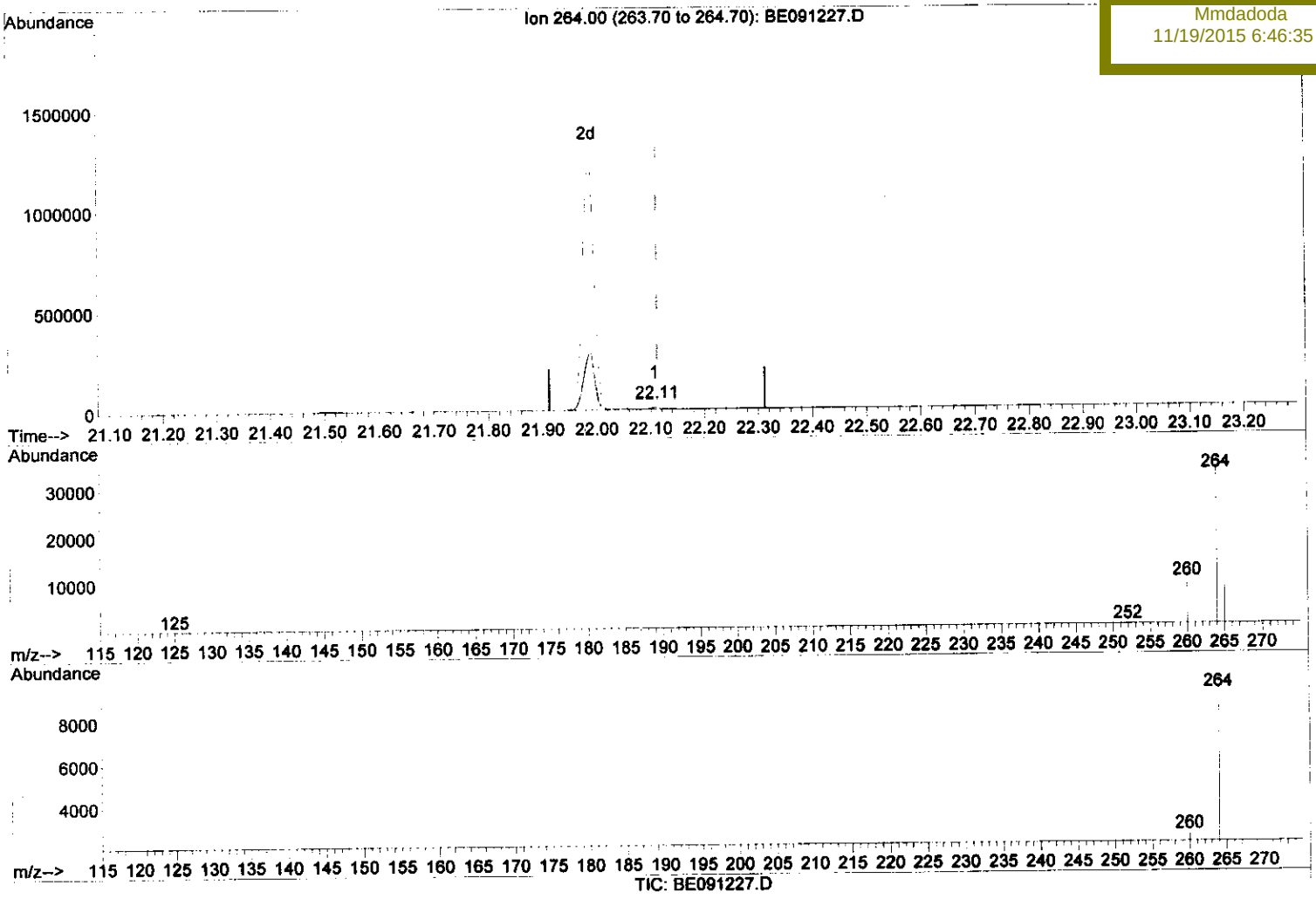
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE111815\
Data File : BE091227.D
Acq On : 18 Nov 2015 14:41
Operator : UM/NP
Sample : PB86634BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 19 05:47:10 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 :
SBLK34

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:46:35 PM



(22) Perylene-d12 (I)

22.108min (-0.005) 0.40ng/ul

response 61868

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	25.59
265.00	34.70	22.31#
0.00	0.00	0.00

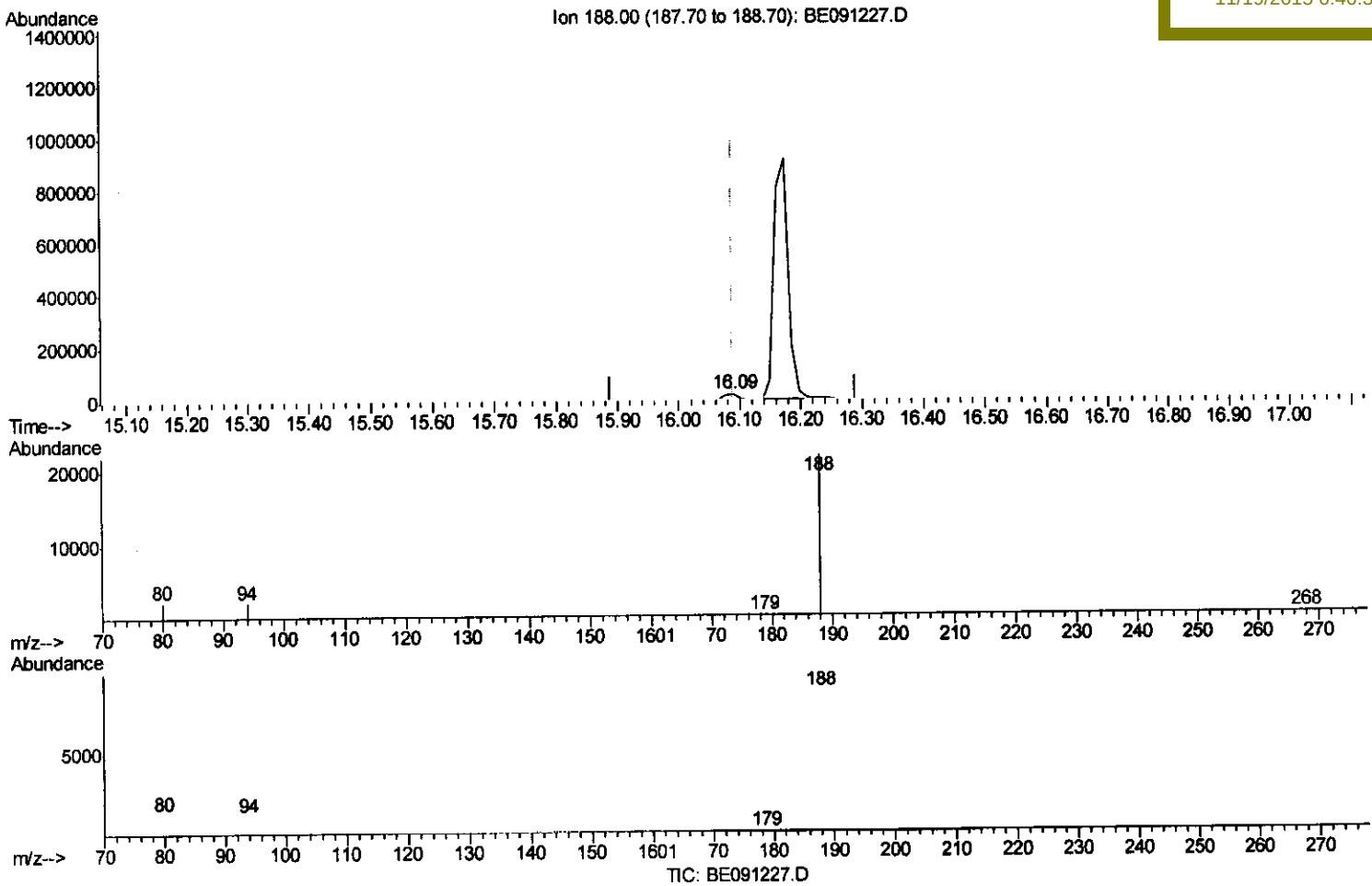
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
Data File : BE091227.D
Acq On : 18 Nov 2015 14:41
Operator : UM/NP
Sample : PB86634BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 19 04:29:16 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 : Thu Nov 19 04:25:56 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SBLK34

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:46:35 PM



TIC: BE091227.D

(12) Phenanthrene-d10 (I)

16.089min (+0.000) 0.40ng/ul m

response 31346

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	9.67
80.00	8.90	9.98
0.00	0.00	0.00

U.M
11/19/15

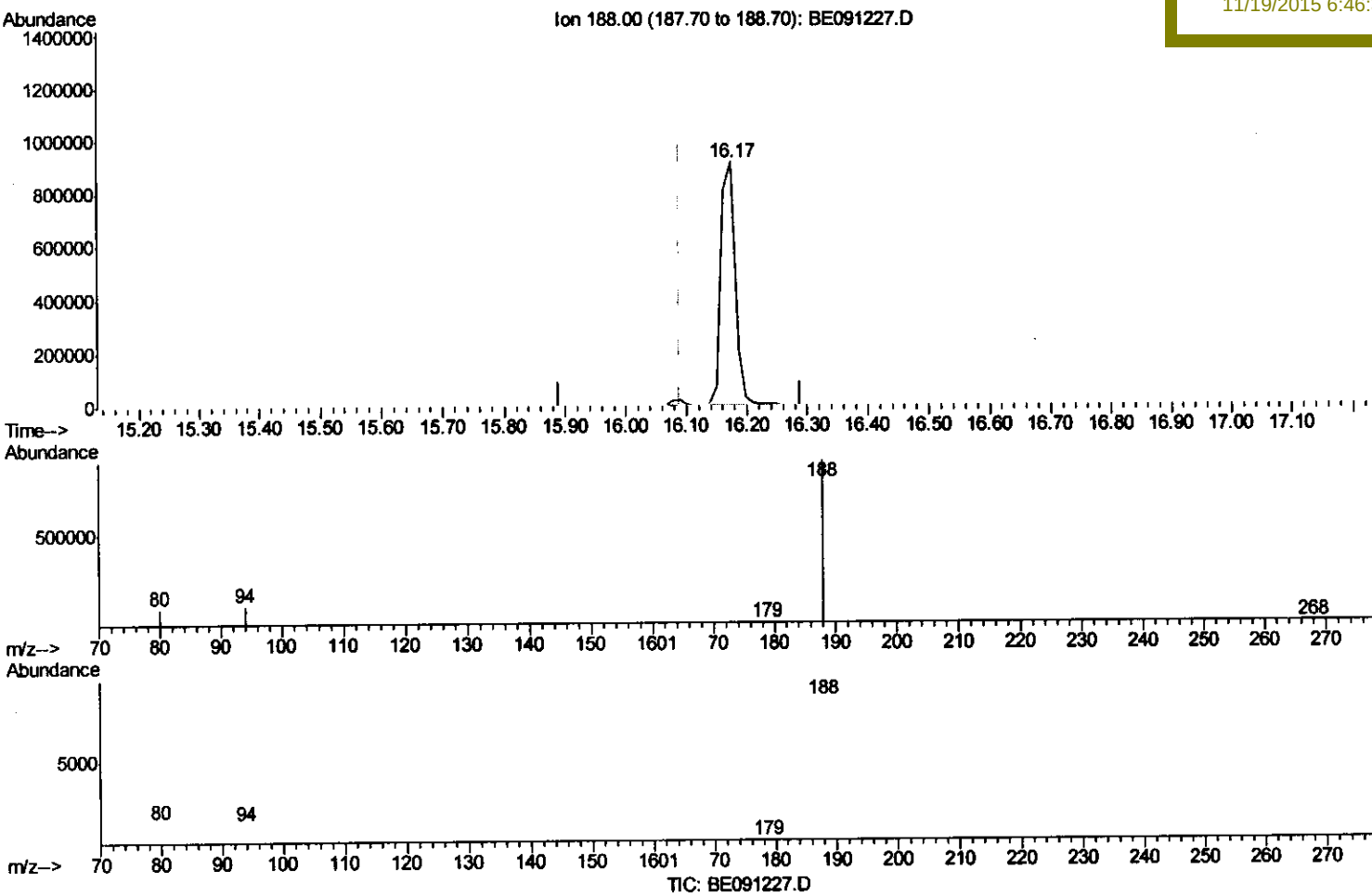
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
Data File : BE091227.D
Acq On : 18 Nov 2015 14:41
Operator : UM/NP
Sample : PB86634BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 19 04:29:16 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 : Thu Nov 19 04:25:56 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SBLK34

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:46:35 PM



TIC: BE091227.D

(12) Phenanthrene-d10 (I)

16.174min (+0.085) 0.40ng/ul

response 1489731

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	11.10#
80.00	8.90	9.76
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111815\
Data File : BE091227.D
Acq On : 18 Nov 2015 14:41
Operator : UM/NP
Sample : PB86634BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SBLK34

Manual Integration
APPROVED
Mmdadoda
11/19/2015 6:46:35 PM

Quant Time: Nov 19 17:41:36 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	3766	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.56	136	19383	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.37	164	11233	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	31346m	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	48950	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	46285m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.97	96	22540	8.32	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.08	152	5346	0.20	ng/ul	0.02
16) Fluoranthene-d10	18.07	212	14444	0.16	ng/ul	0.00
Target Compounds						Qvalue

U.M 11/19/2015

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