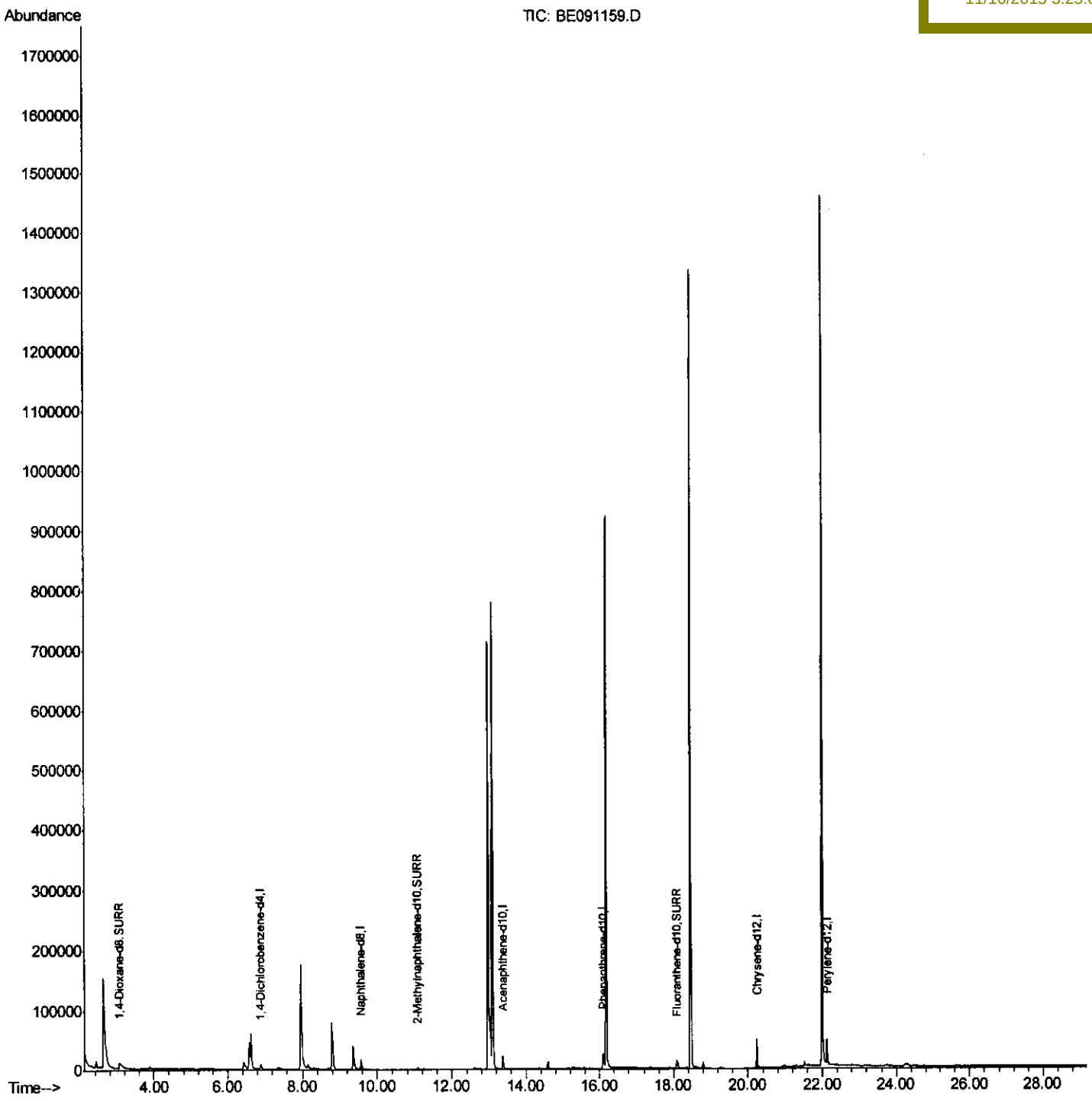
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111315\
Data File : BE091159.D
Acq On : 14 Nov 2015 2:11
Operator : UM/NP
Sample : G4342-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 14 04:48:17 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 : Sat Nov 14 04:34:12 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KP8

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:25:03 PM



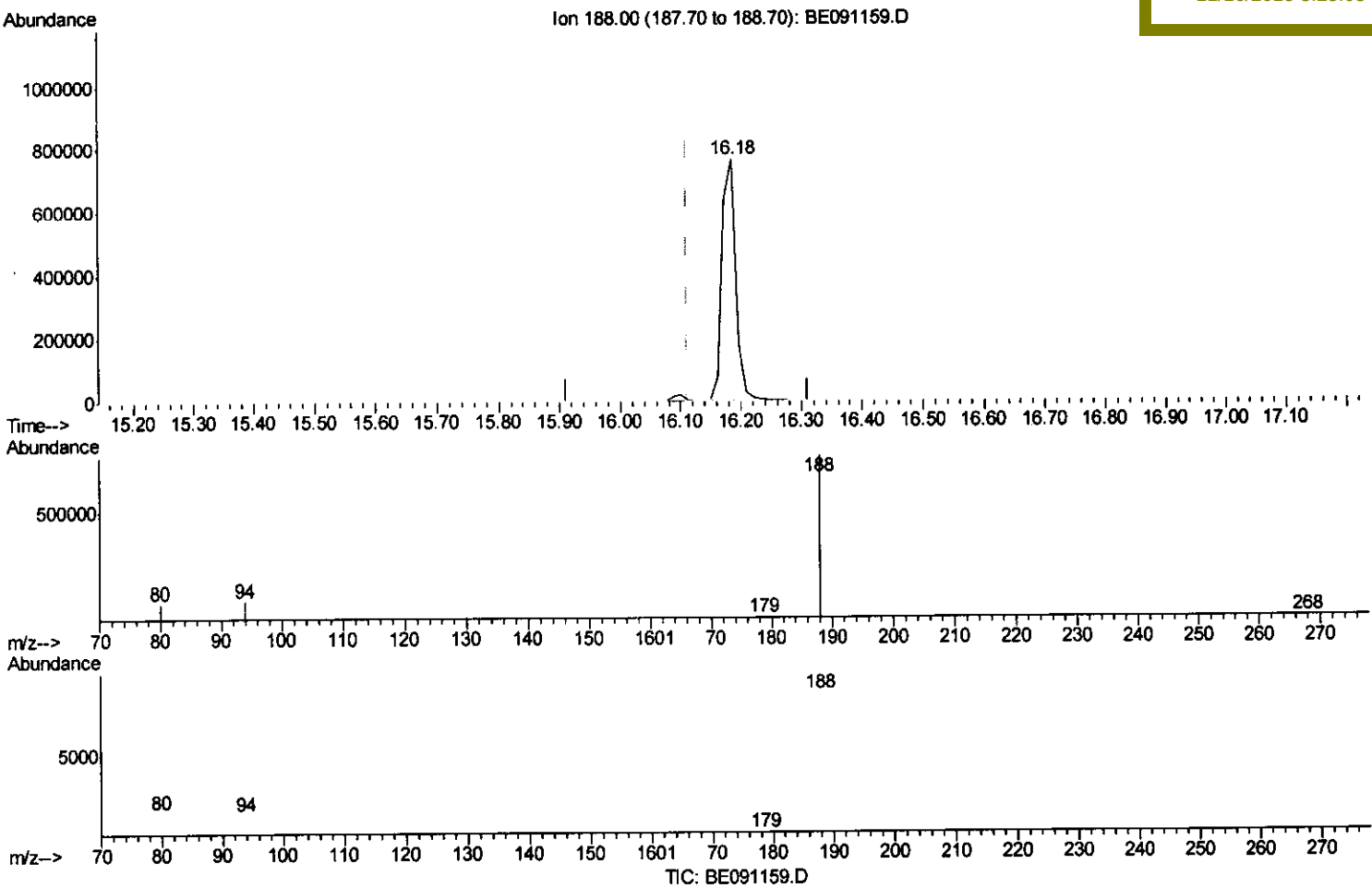
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111315\
Data File : BE091159.D
Acq On : 14 Nov 2015 2:11
Operator : UM/NP
Sample : G4342-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 14 04:46:22 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 : Sat Nov 14 04:34:12 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KP8

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:25:03 PM



TIC: BE091159.D

(12) Phenanthrene-d10 (I)

16.185min (+0.073) 0.40ng/ul

response 1238339

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	10.72
80.00	8.90	9.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111315\
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Acq On : 14 Nov 2015 2:11
Operator : UM/NP
Sample : G4342-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 14 04:46:22 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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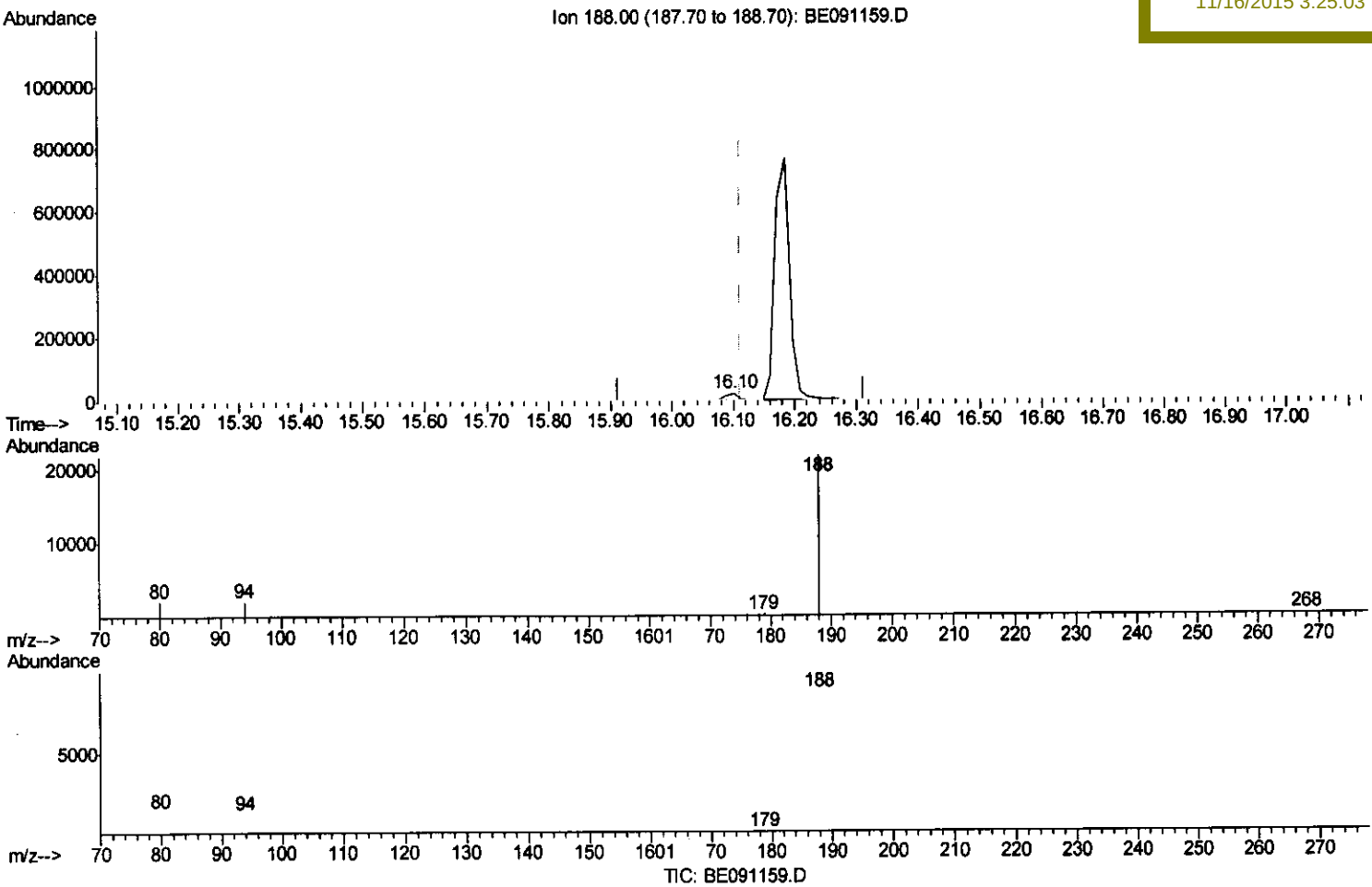
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KP8

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:25:03 PM



TIC: BE091159.D

(12) Phenanthrene-d10 (I)

16.100min (-0.011) 0.40ng/ul m U.M 11/17/15

response 30467

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	9.18
80.00	8.90	9.80
0.00	0.00	0.00

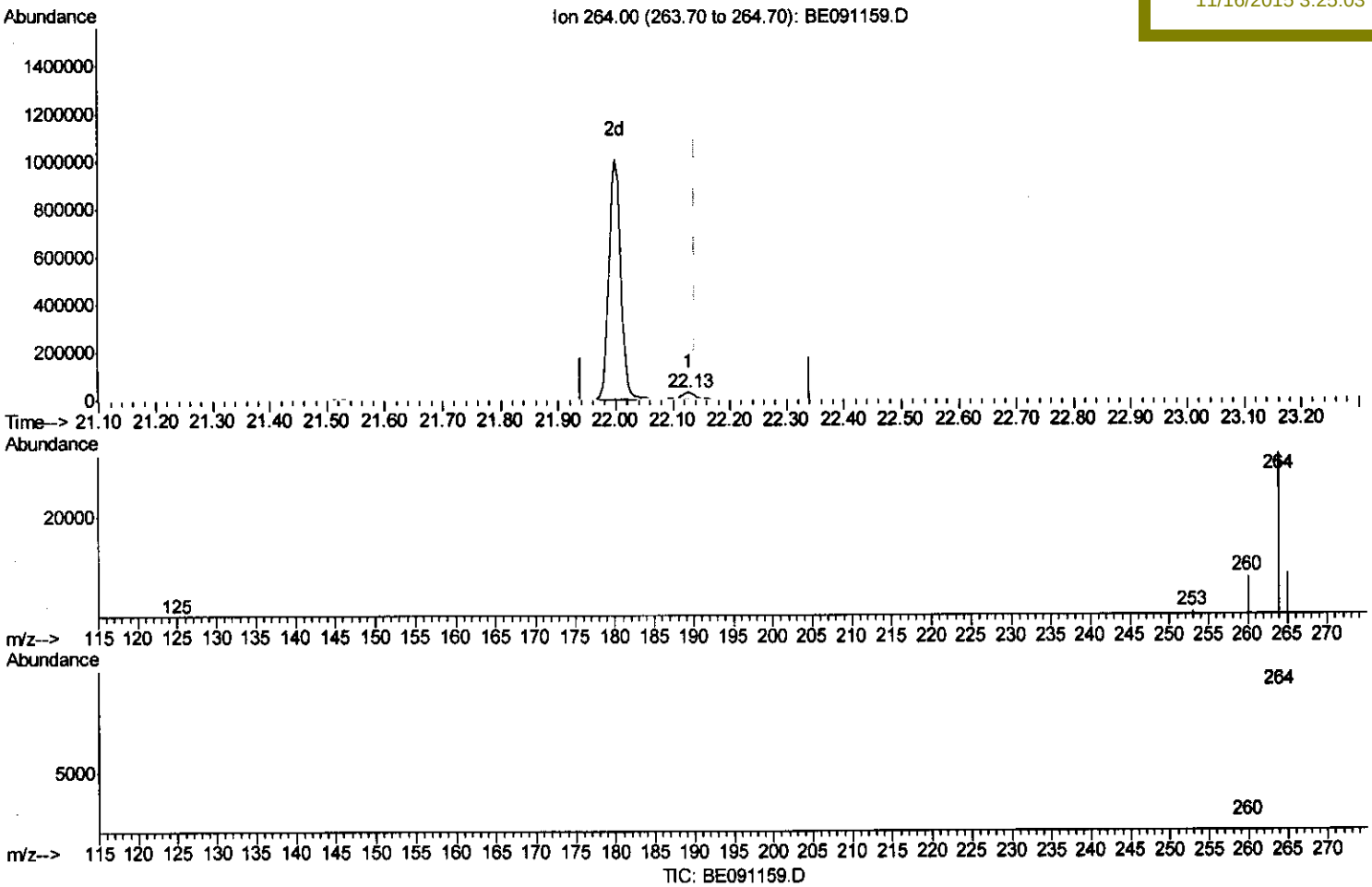
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111315\
Data File : BE091159.D
Acq On : 14 Nov 2015 2:11
Operator : UM/NP
Sample : G4342-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 14 04:48:17 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 : Sat Nov 14 04:34:12 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KP8

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:25:03 PM



(22) Perylene-d12 (I)

22.126min (-0.013) 0.40ng/ul

response 56334

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	25.03
265.00	34.70	26.81#
0.00	0.00	0.00

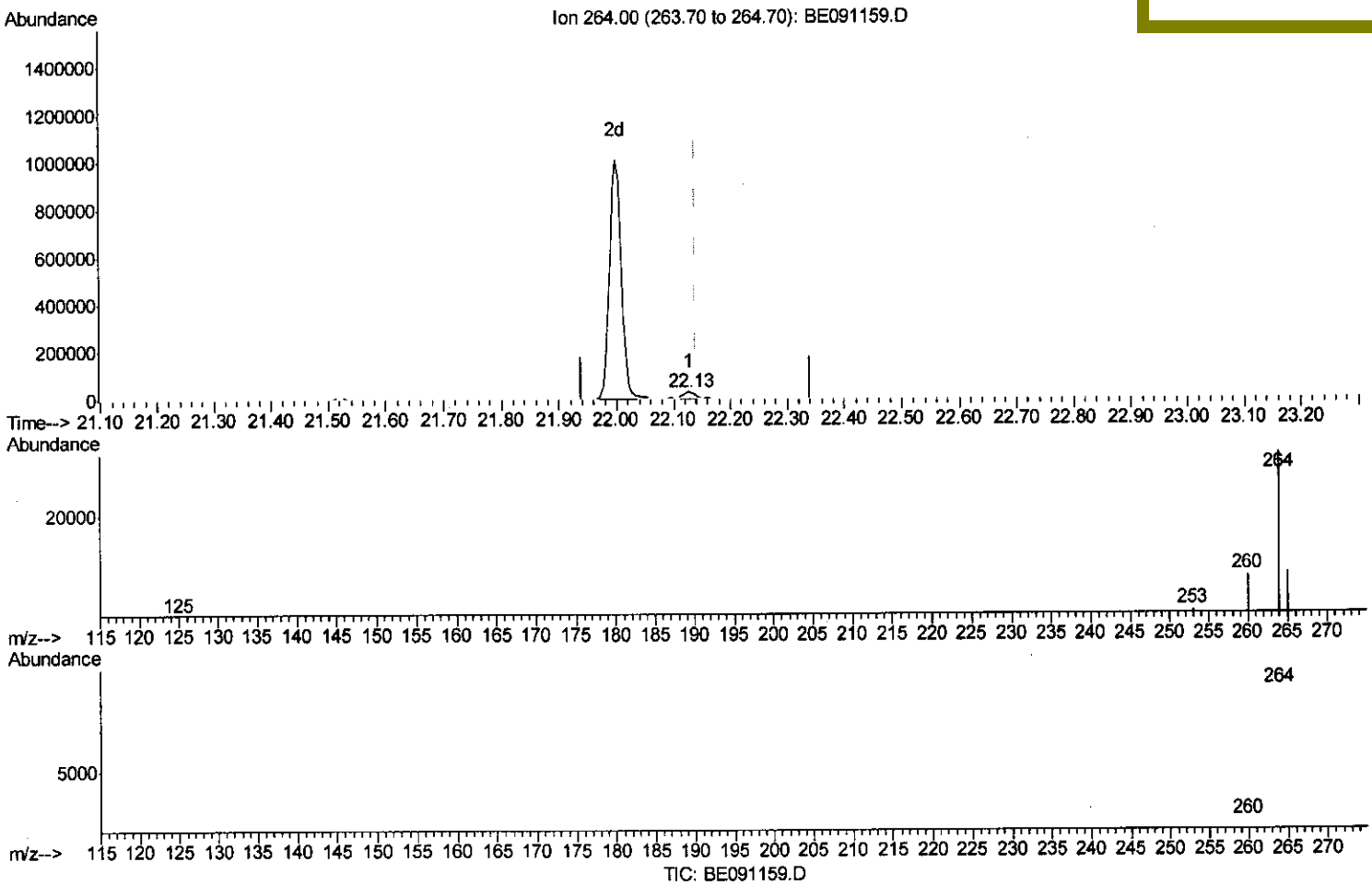
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111315\
Data File : BE091159.D
Acq On : 14 Nov 2015 2:11
Operator : UM/NP
Sample : G4342-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 14 04:48:17 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 : Sat Nov 14 04:34:12 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KP8

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:25:03 PM



(22) Perylene-d12 (I)

22.126min (-0.013) 0.40ng/ul m U.M 11/17/15

response 40983

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	25.03
265.00	34.70	26.81#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111315\
Data File : BE091159.D
Acq On : 14 Nov 2015 2:11
Operator : UM/NP
Sample : G4342-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 16 11:02:51 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 : Sat Nov 14 04:34:12 2015
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : D9KP8

Manual Integrations APPROVED
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11/16/2015 3:25:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	4093	0.40	ng/ul	-0.07
4) Naphthalene-d8	9.57	136	21111	0.40	ng/ul	-0.05
8) Acenaphthene-d10	13.38	164	13156	0.40	ng/ul	-0.02
12) Phenanthrene-d10	16.10	188	30467m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.24	240	46629	0.40	ng/ul	0.00
22) Perylene-d12	22.13	264	40983m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.06	96	23850	8.10	ng/uL	-0.09
6) 2-Methylnaphthalene-d10	11.08	152	6162	0.21	ng/ul	-0.04
16) Fluoranthene-d10	18.08	212	15118	0.18	ng/ul	-0.01
Target Compounds						Qvalue

U.M 11/17/15

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