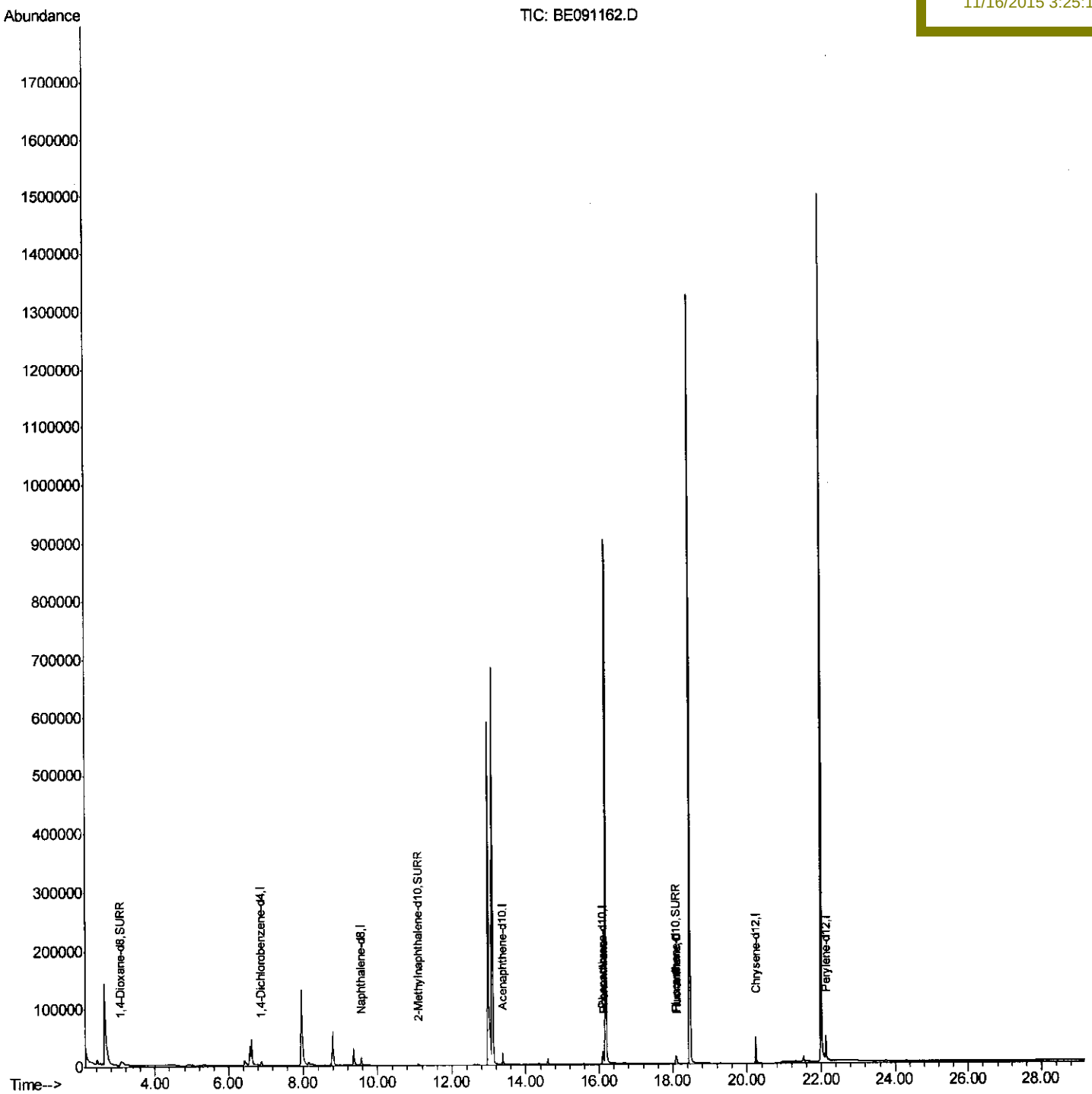
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111315\
Data File : BE091162.D
Acq On : 14 Nov 2015 3:58
Operator : UM/NP
Sample : G4342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 14 06:01:29 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 03:28:24 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KR0

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:25:17 PM



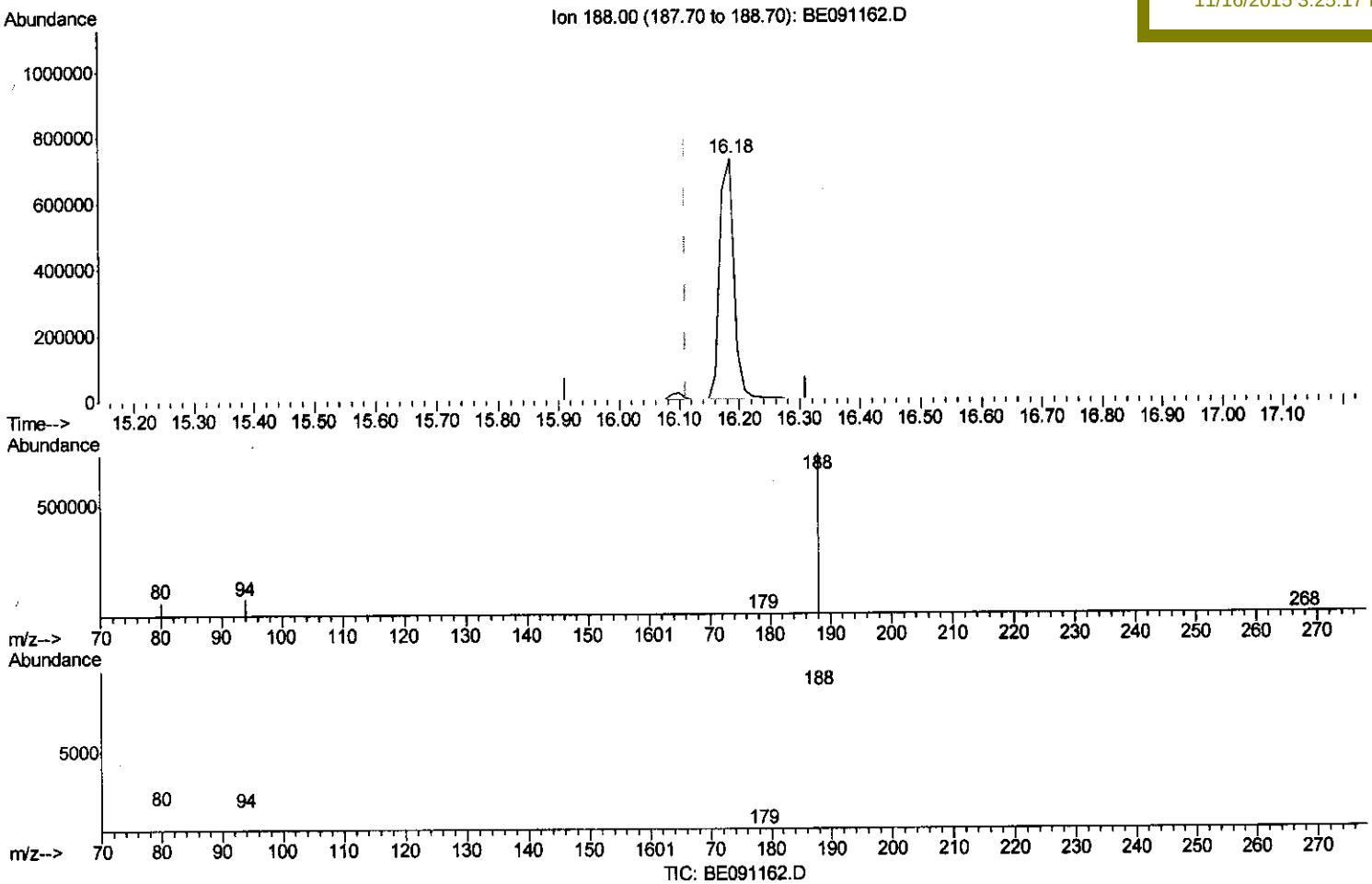
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111315\
Data File : BE091162.D
Acq On : 14 Nov 2015 3:58
Operator : UM/NP
Sample : G4342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 14 05:47:55 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 03:28:24 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KR0

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:25:17 PM



TIC: BE091162.D

(12) Phenanthrene-d10 (i)

16.184min (+0.073) 0.40ng/ul

response 1185782

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	10.09
80.00	8.90	8.58
0.00	0.00	0.00

Quantitation Report (Qedit)

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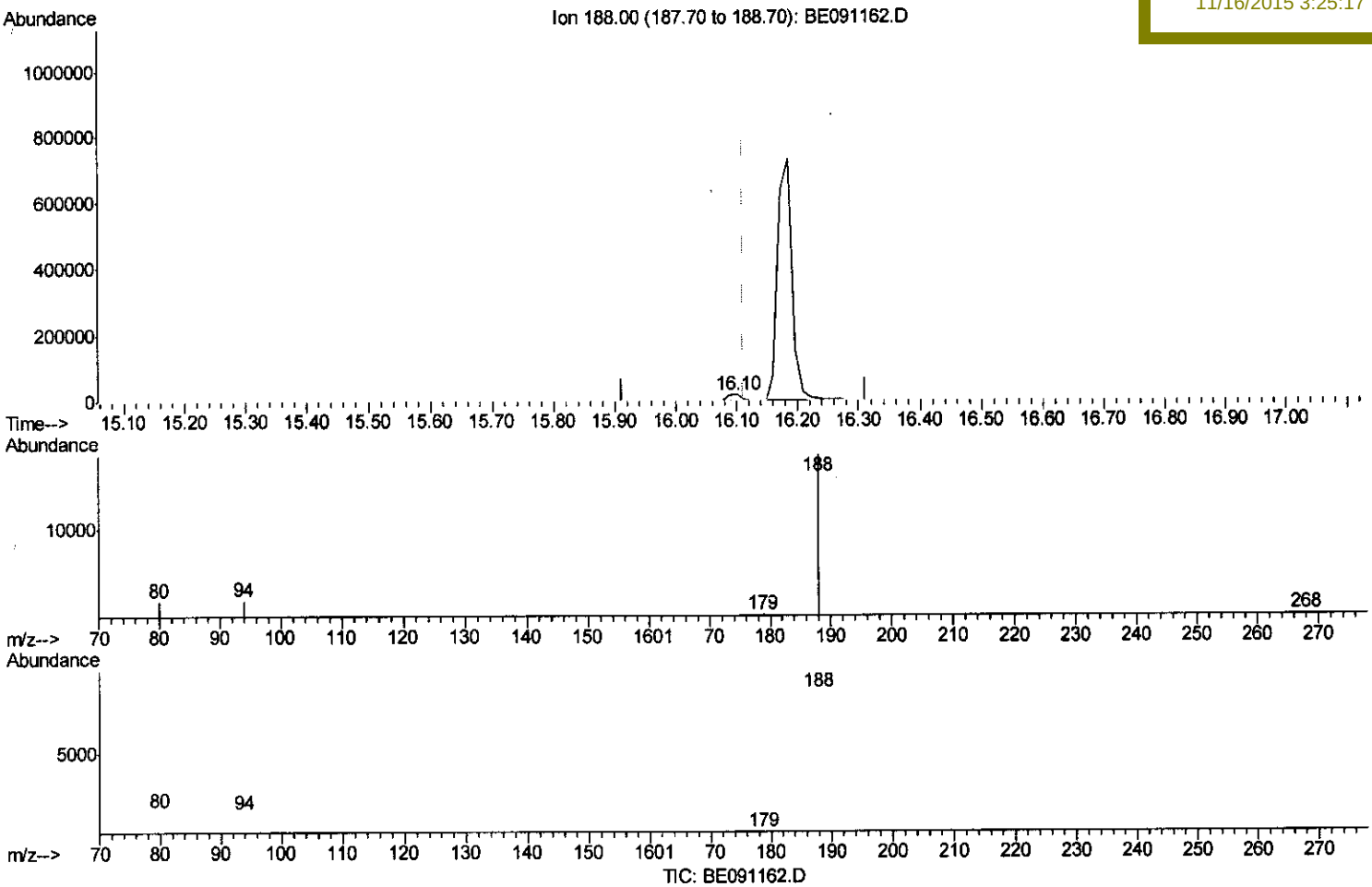
BNA_E
ClientSampleId :
D9KR0

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:25:17 PM



TIC: BE091162.D

(12) Phenanthrene-d10 (I)

16.099min (-0.012) 0.40ng/ul m U.M 11/17/15

response 28813

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	10.09
80.00	8.90	9.83
0.00	0.00	0.00

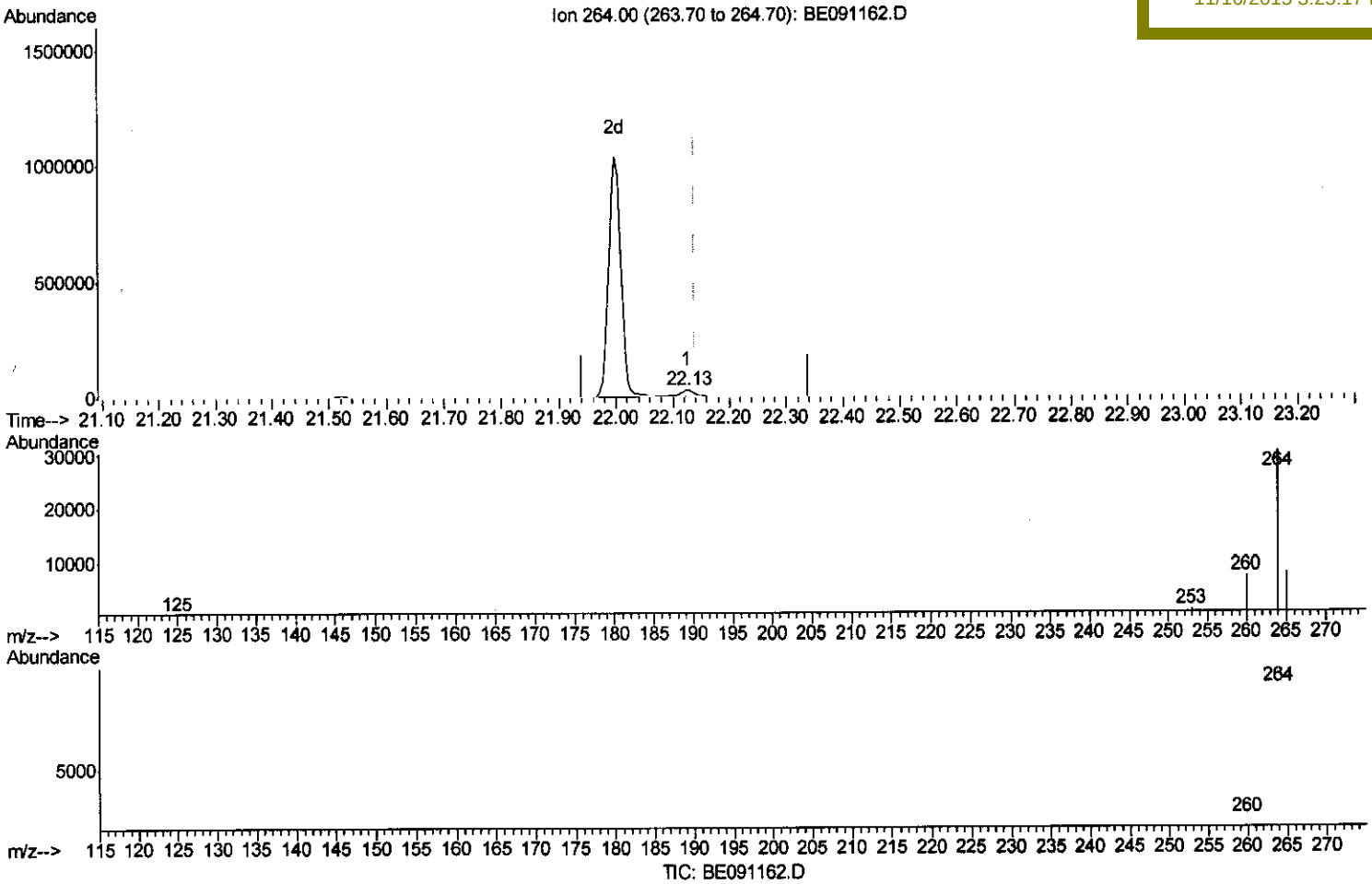
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111315\
Data File : BE091162.D
Acq On : 14 Nov 2015 3:58
Operator : UM/NP
Sample : G4342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 14 06:01:29 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 03:28:24 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KR0

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:25:17 PM



(22) Perylene-d12 (I)

22.126min (-0.013) 0.40ng/ul

response 55217

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	24.23
265.00	34.70	26.07#
0.00	0.00	0.00

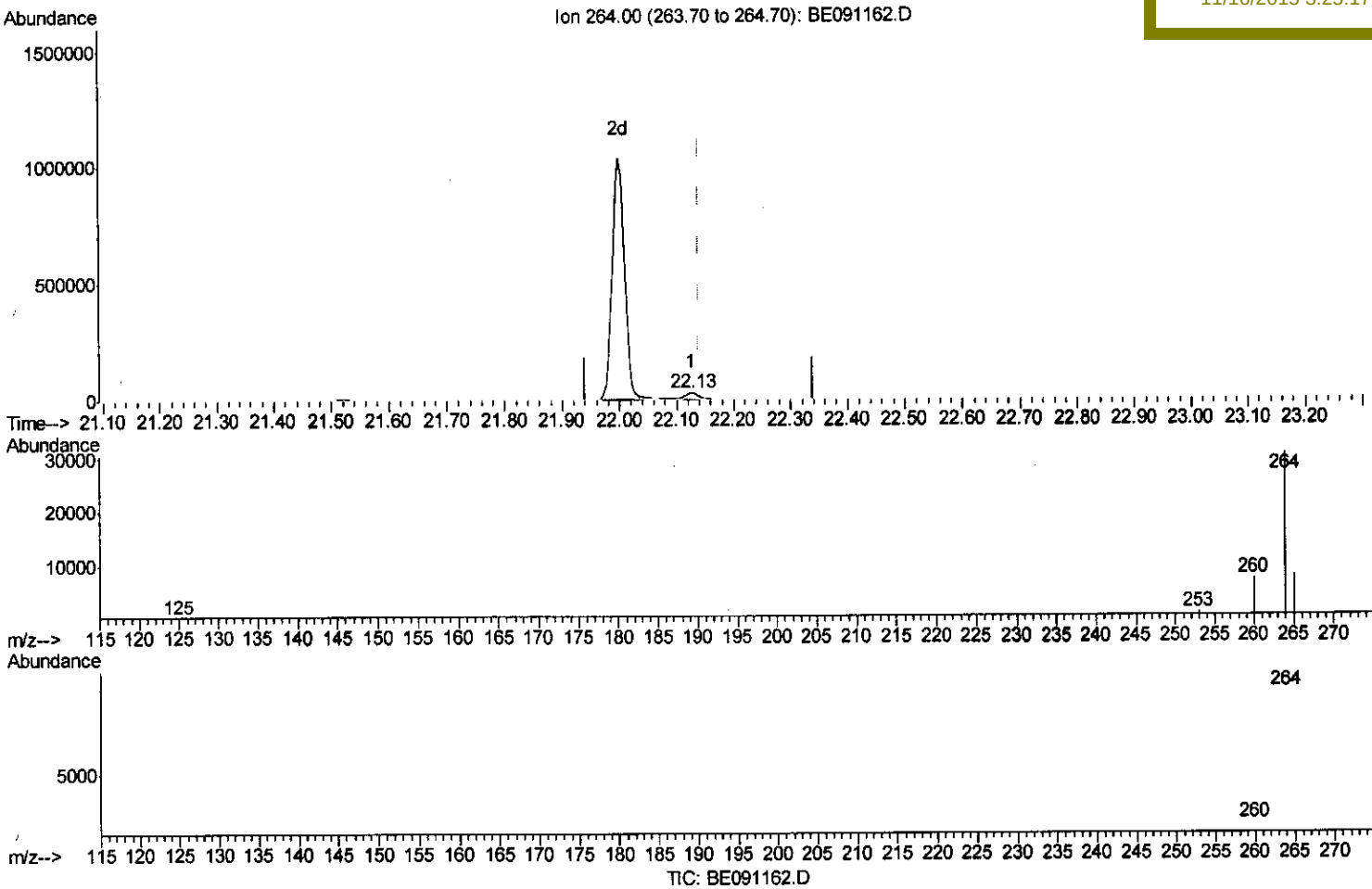
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111315\
Data File : BE091162.D
Acq On : 14 Nov 2015 3:58
Operator : UM/NP
Sample : G4342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 14 06:01:29 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 03:28:24 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
D9KR0

Manual Integrations APPROVED
mmdadoda
11/16/2015 3:25:17 PM



TIC: BE091162.D

(22) Perylene-d12 (I)

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

response 39931

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	24.23
265.00	34.70	26.07#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111315\
Data File : BE091162.D
Acq On : 14 Nov 2015 3:58
Operator : UM/NP
Sample : G4342-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 16 11:09:52 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 03:28:24 2015
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : D9KR0

Manual Integrations APPROVED
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11/16/2015 3:25:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3736	0.40	ng/ul	-0.07
4) Naphthalene-d8	9.56	136	18178	0.40	ng/ul	-0.05
8) Acenaphthene-d10	13.38	164	11420	0.40	ng/ul	-0.02
12) Phenanthrene-d10	16.10	188	28813m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.24	240	45694	0.40	ng/ul	0.00
22) Perylene-d12	22.13	264	39931m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.07	96	17810	6.63	ng/uL	-0.09
6) 2-Methylnaphthalene-d10	11.09	152	4979	0.20	ng/ul	-0.03
16) Fluoranthene-d10	18.08	212	14958	0.18	ng/ul	-0.01
Target Compounds						Qvalue
14) Phenanthrene	16.12	178	13557	0.04	ng/ul	92
17) Fluoranthene	18.11	202	12094	0.03	ng/ul	85

U.M 11/17/15

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