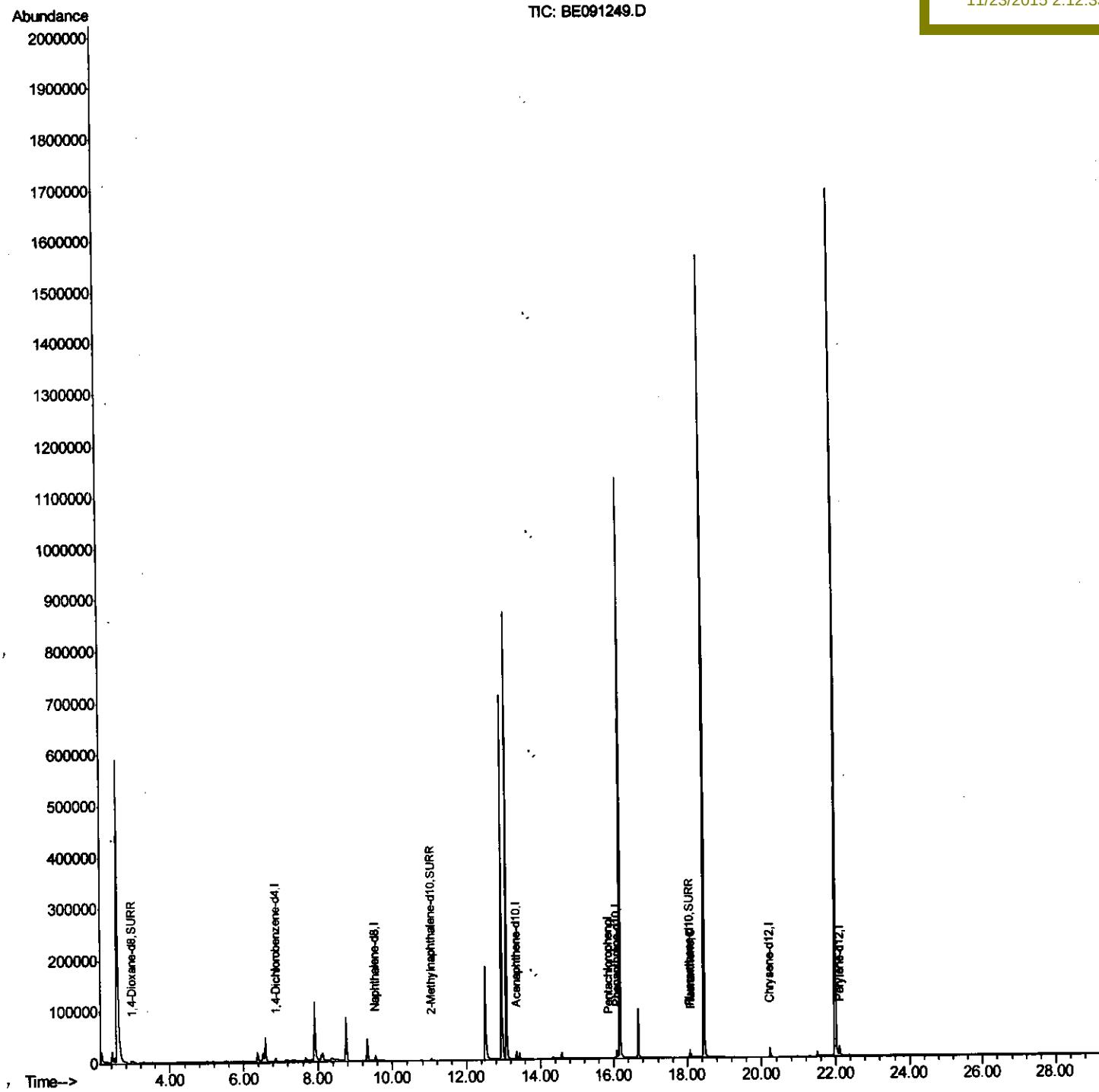
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE112015\
Data File : BE091249.D
Acq On : 20 Nov 2015 17:15
Operator : UM/NP
Sample : G4320-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 23 09:32:26 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 21 02:52:22 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4J44

Manual Integrations APPROVED
Mmdadoda
11/23/2015 2:12:33 PM



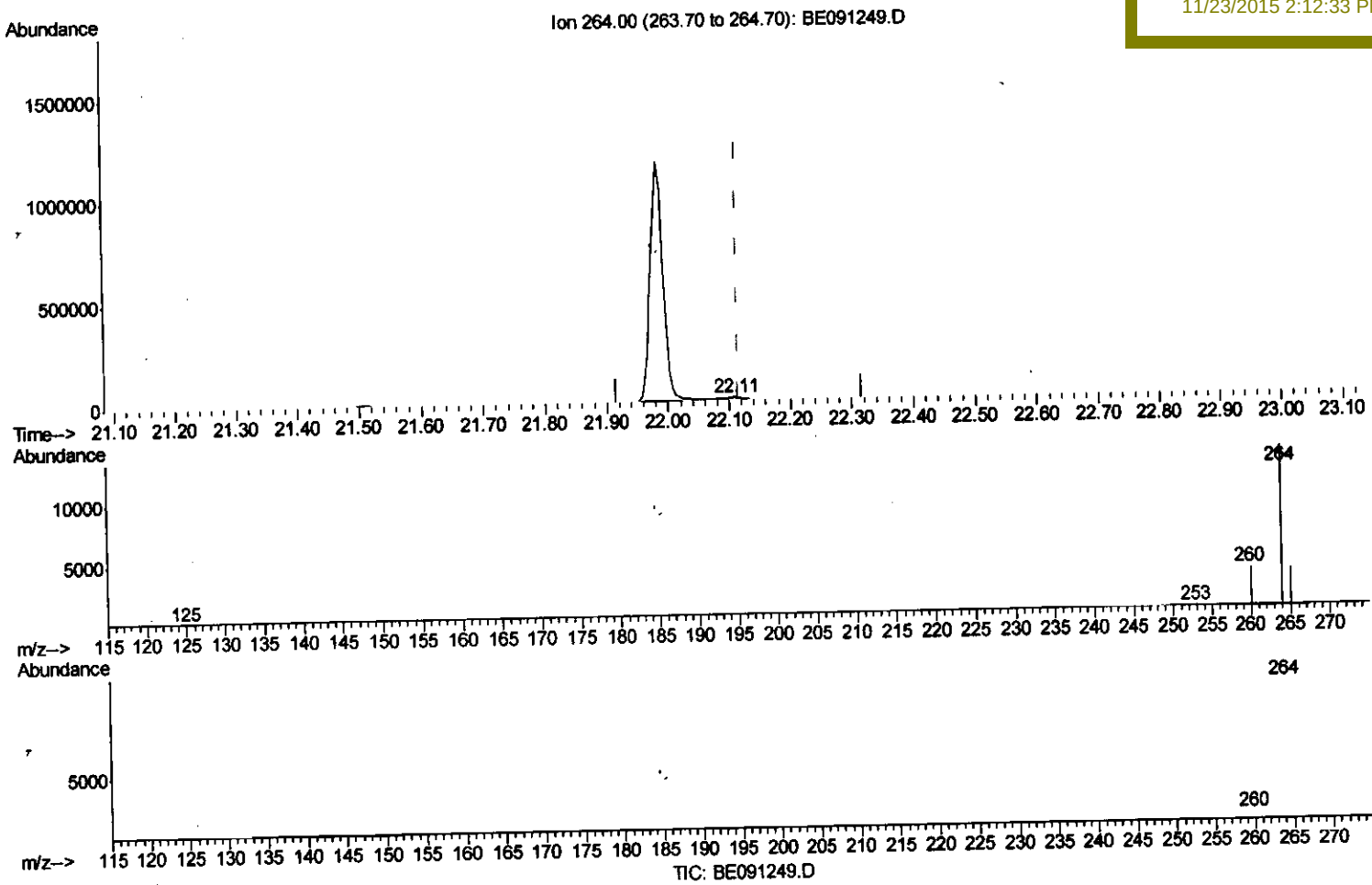
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112015\
Data File : BE091249.D
Acq On : 20 Nov 2015 17:15
Operator : UM/NP
Sample : G4320-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 02:57:10 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 : Sat Nov 21 02:52:22 2015
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : A4J44

Manual Integrations APPROVED
Mmdadoda
11/23/2015 2:12:33 PM



(22) Perylene-d12 (I)

22.108min (-0.008) 0.40ng/ul m U.M 11/21/15

response 17218

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	24.54
265.00	34.70	23.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

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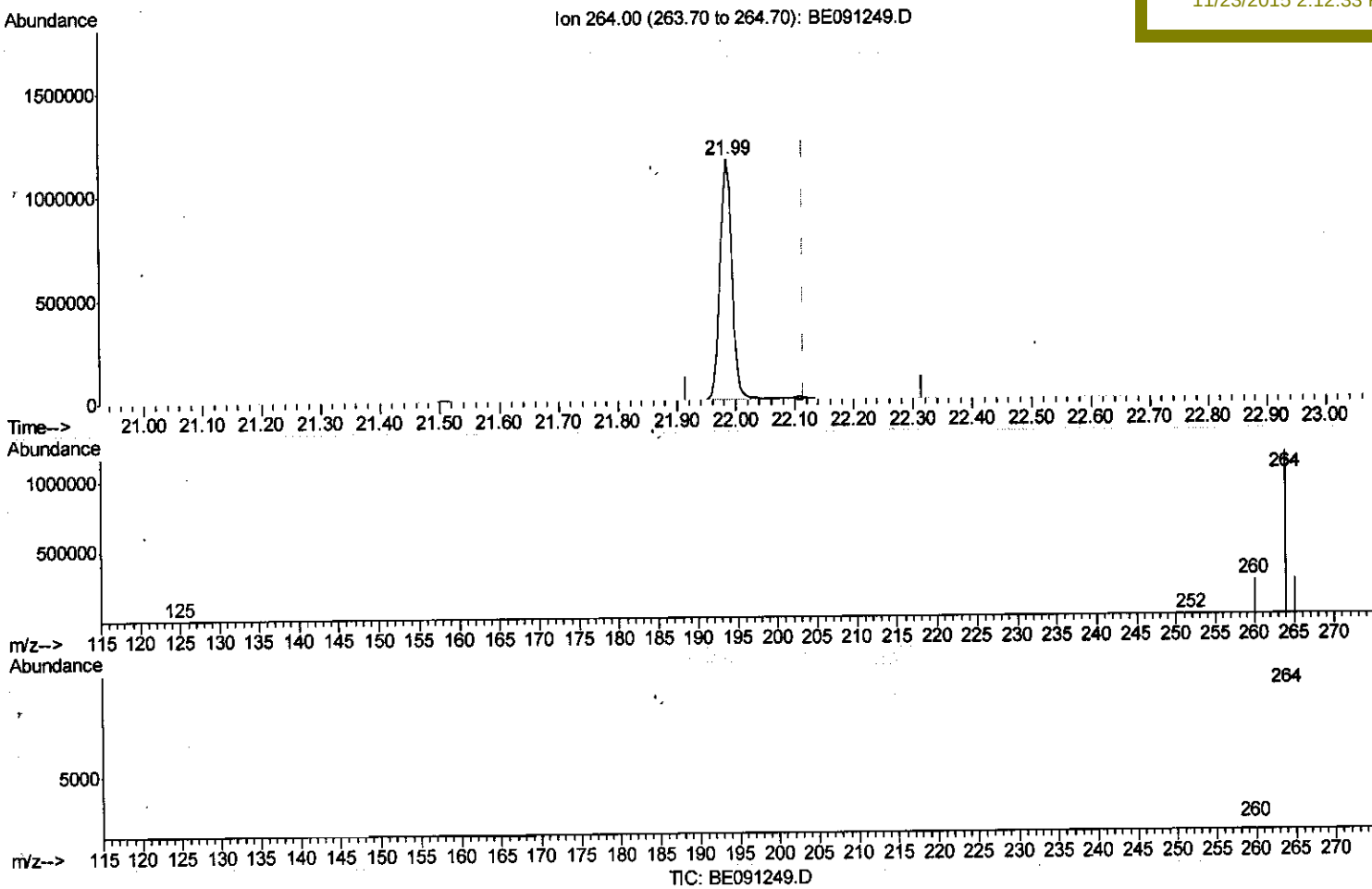
BNA_E
ClientSampleId :
A4J44

Manual Integrations APPROVED
Mmdadoda
11/23/2015 2:12:33 PM



(22) Perylene-d12 (I)

21.985min (-0.131) 0.40ng/ul

response 1676648

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	21.68#
265.00	34.70	22.35#
0.00	0.00	0.00

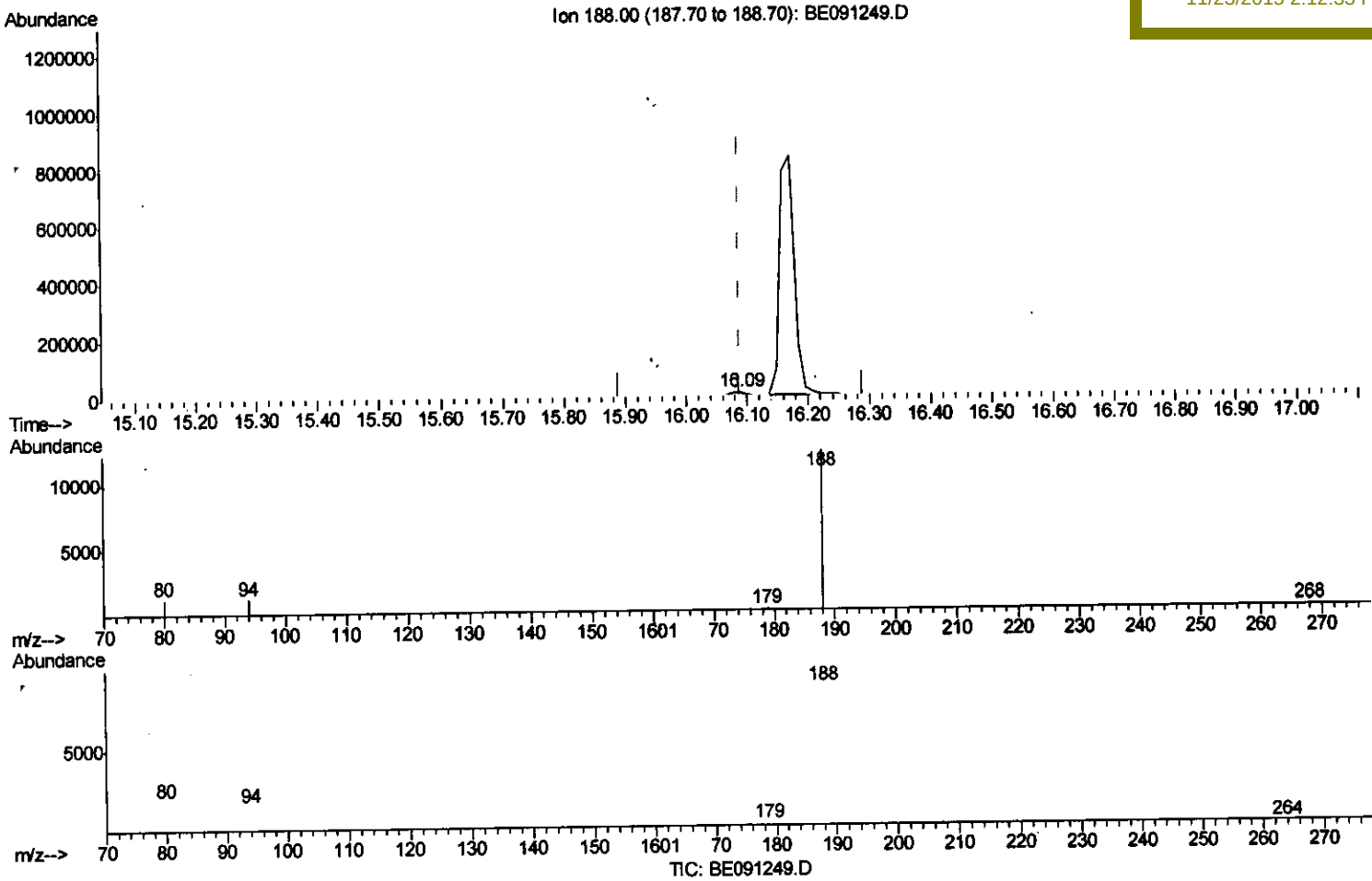
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112015\
Data File : BE091249.D
Acq On : 20 Nov 2015 17:15
Operator : UM/NP
Sample : G4320-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 02:53:47 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 21 02:52:22 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4J44

Manual Integrations APPROVED
Mmdadoda
11/23/2015 2:12:33 PM



(12) Phenanthrene-d10 (I)

16.087min (-0.001) 0.40ng/ul m

response 19001

U.M
11/21/15

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	9.95
80.00	8.90	10.04
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BE091249.D
Acq On : 20 Nov 2015 17:15
Operator : UM/NP
Sample : G4320-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 02:53:47 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 21 02:52:22 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4J44

Manual Integrations APPROVED
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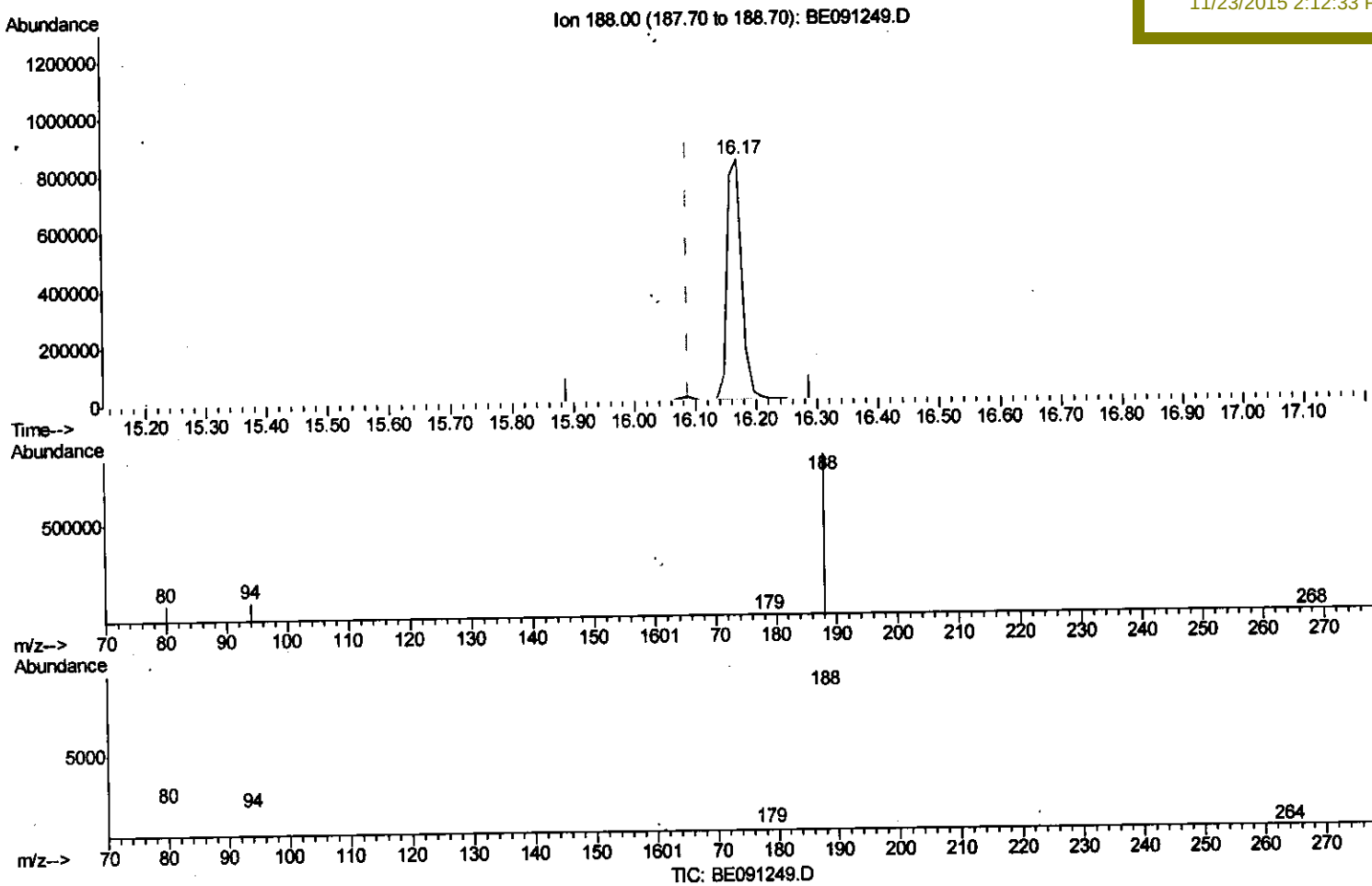

TIC: BE091249.D

(12) Phenanthrene-d10 (I)

16.172min (+0.084) 0.40ng/ul

response 1396888

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	11.06#
80.00	8.90	9.82
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	2985	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.54	136	14293	0.40	ng/ul	-0.03
8) Acenaphthene-d10	13.36	164	8021	0.40	ng/ul	-0.02
12) Phenanthrene-d10	16.09	188	19001m	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	19734	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	17218m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.96	96	6399	2.98	ng/uL	0.00
6) 2-Methylnaphthalene-d10	11.05	152	6058	0.31	ng/ul	-0.02
16) Fluoranthene-d10	18.07	212	15343	0.29	ng/ul	0.00
Target Compounds						Qvalue
13) Pentachlorophenol	15.86	266	299	0.17	ng/ul	90
17) Fluoranthene	18.09	202	10357	0.04	ng/ul	87

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

Instrument :
BNA_E
ClientSampleId :
A4J44

Manual Integrations APPROVED
Mmdadoda
11/23/2015 2:12:33 PM

U.M
11/21/15