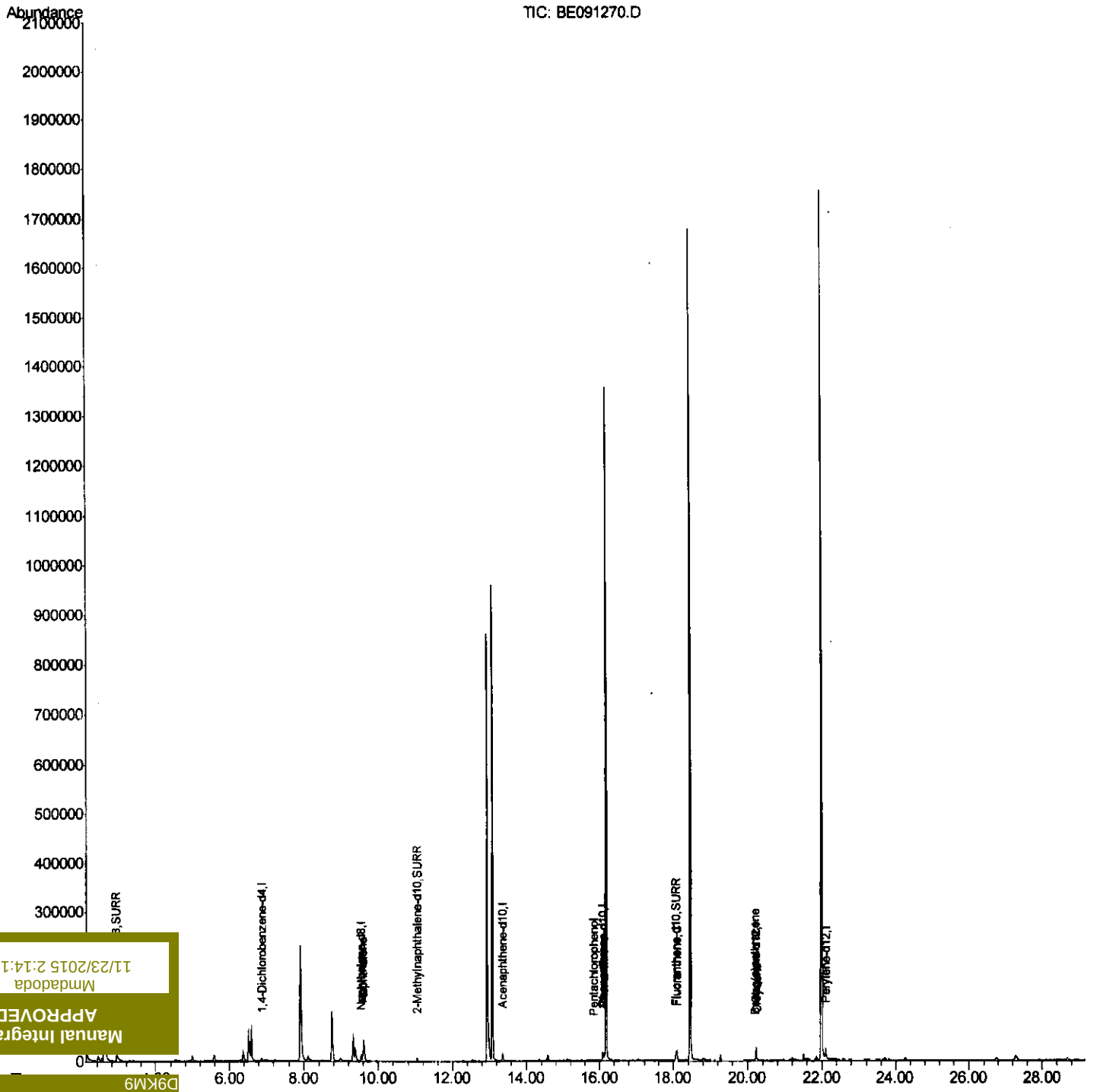
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
Data File : BE091270.D
Acq On : 21 Nov 2015 10:26
Operator : UM/NP
Sample : G4310-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 22 01:22:59 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 00:42:09 2015
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
Data File : BE091270.D
Acq On : 21 Nov 2015 10:26
Operator : UM/NP
Sample : G4310-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 22 01:21:38 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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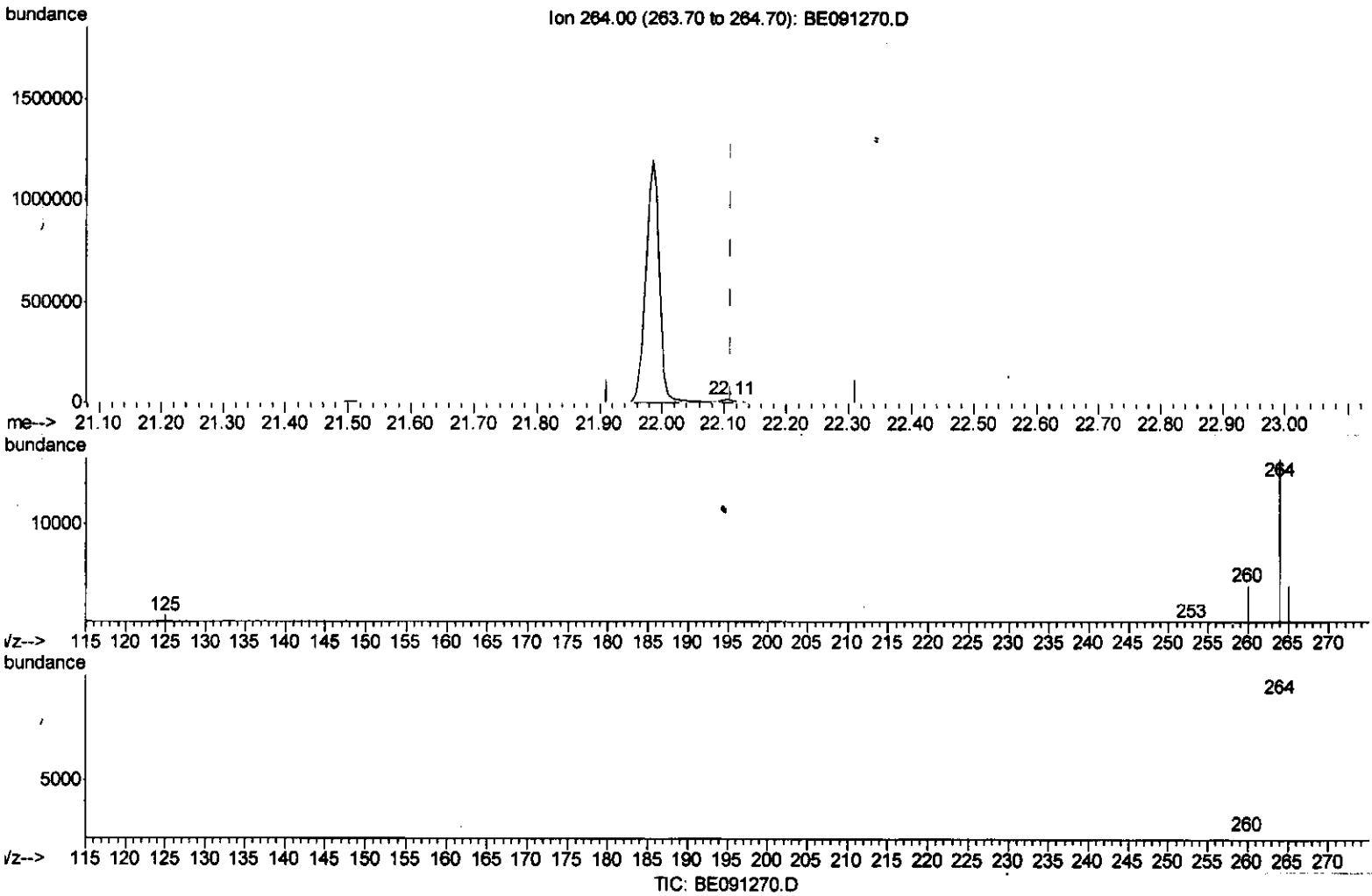

(22) Perylene-d12 (I)

22.108min (-0.004) 0.40ng/ul m

response 16983

U.M 11/25/15

Ion	Exp%	Act%
264.00	100	100
		23.76
		23.56#
		0.00

Manual Integrations APPROVED
Mmadadoa 11/23/2015 2:14:15 PM

Instrument : BNA_E
ClientSampleId : D9KM9

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
Data File : BE091270.D
Acq On : 21 Nov 2015 10:26
Operator : UM/NP
Sample : G4310-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 22 01:21:38 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 00:42:09 2015
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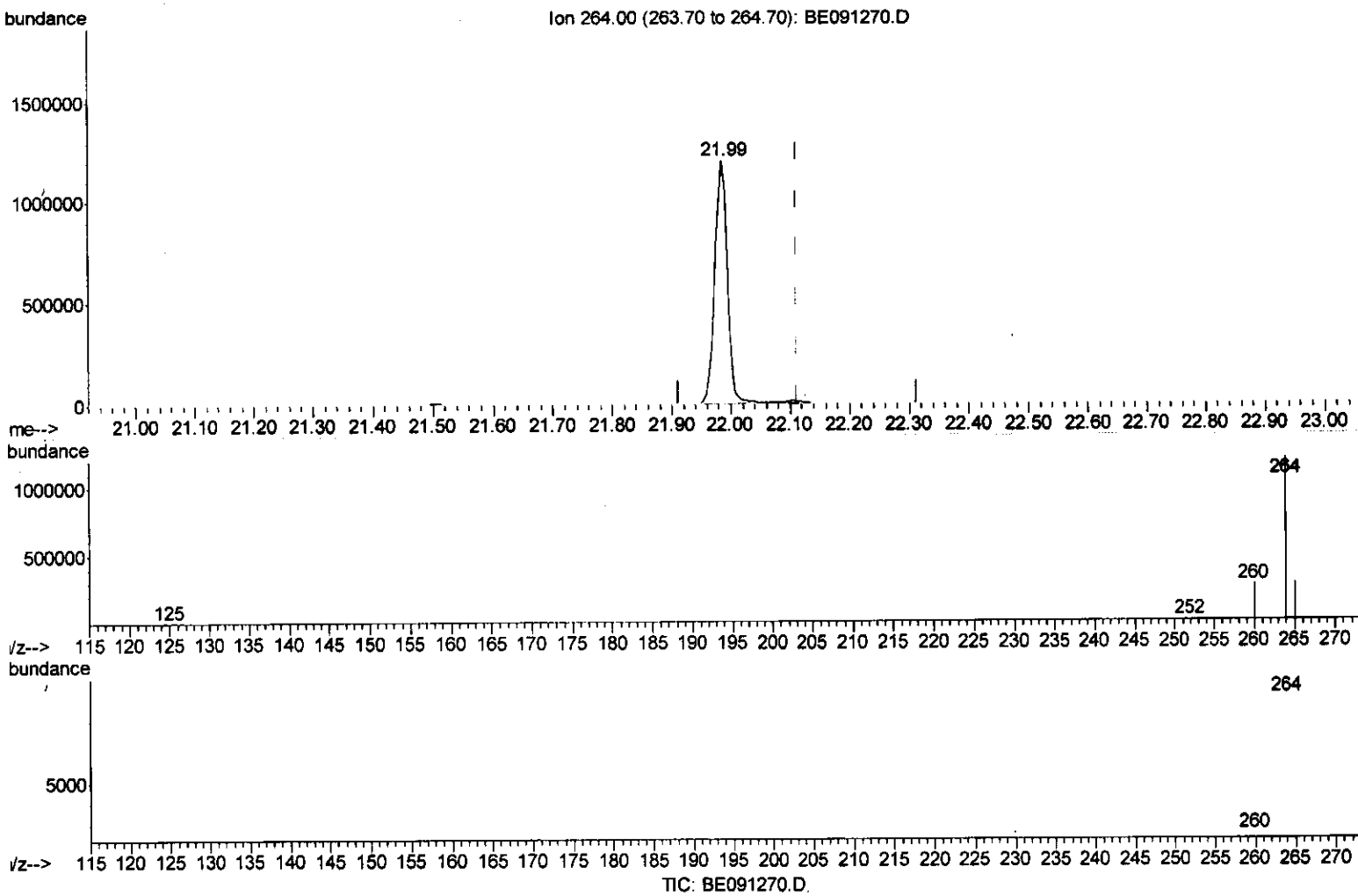

(22) Perylene-d12 (I)

21.985min (-0.127) 0.40ng/ul

response 1774744

Ion	Exp%	Act%
		100
		21.80#
		22.58#
		0.00

Manual Integrations
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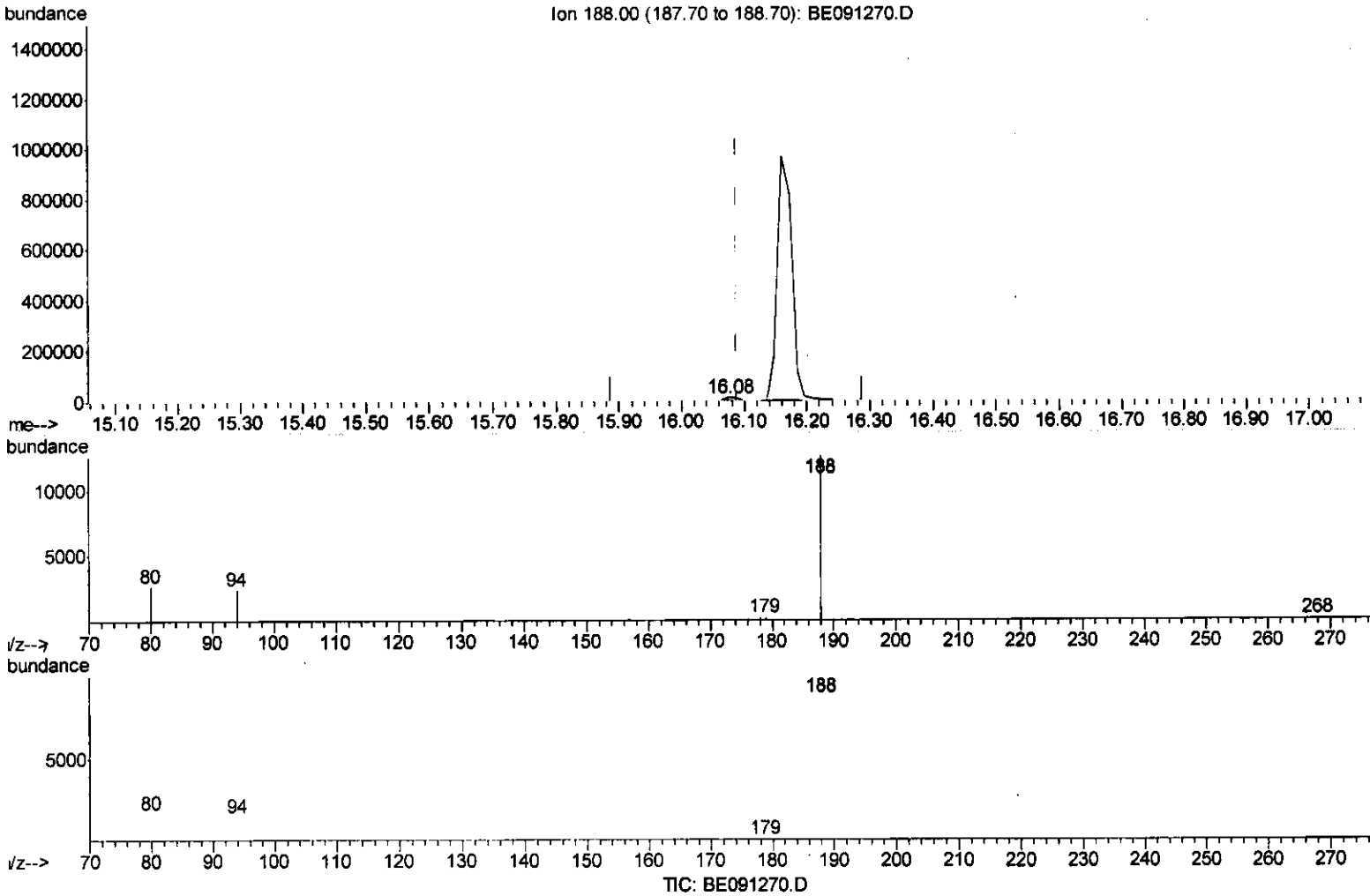
Mmadadoda
11/23/2015 2:14:15 PM

Instrument :
BNA_E
ClientSampleId :
D9KM9

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
Data File : BE091270.D
Acq On : 21 Nov 2015 10:26
Operator : UM/NP
Sample : G4310-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 22 01:20:23 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 00:42:09 2015
Response via : Initial Calibration



TIC: BE091270.D

(12) Phenanthrene-d10 (I)

16.075min (-0.013) 0.40ng/ul m

response 19517

U.M 11/25/15

Ion	Exp%	Act%
188		100
179		19.28#
94		21.29#
80		0.00

Manual Integrations APPROVED
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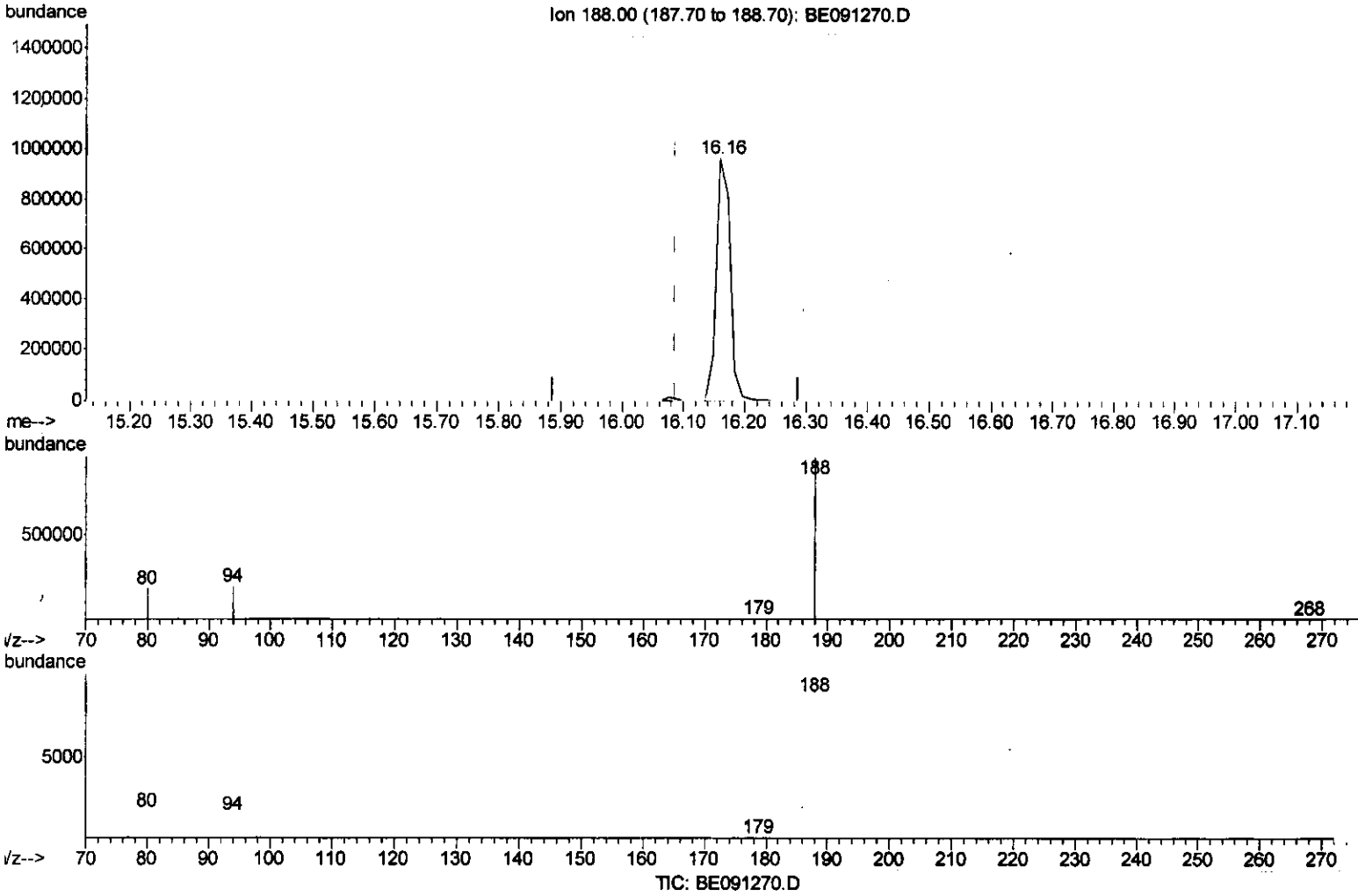
Instrument : BNA_E
ClientSampleId : D9KM9

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112215\
Data File : BE091270.D
Acq On : 21 Nov 2015 10:26
Operator : UM/NP
Sample : G4310-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 22 01:20:23 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 00:42:09 2015
Response via : Initial Calibration



(12) Phenanthrene-d10 (I)

16.160min (+0.072) 0.40ng/ul

response 1528437

Ion	Exp%	Act%
		100
	20.12#	
	19.15#	
	0.00	

Manual Integrations APPROVED
Mmadadoa 11/23/2015 2:14:15 PM

Instrument : BNA_E
ClientSampleId : D9KM9

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	3160	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.54	136	16063	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	8562	0.40	ng/ul	-0.01
12) Phenanthrene-d10	16.08	188	19517m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	23589	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	16983m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	24684	10.86	ng/uL	-0.04
6) 2-Methylnaphthalene-d10	11.04	152	7832	0.36	ng/ul	-0.02
16) Fluoranthene-d10	18.07	212	20907	0.38	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.58	128	2398	0.06	ng/ul#	83
13) Pentachlorophenol	15.84	266	250	0.13	ng/ul	99
14) Phenanthrene	16.11	178	15330	0.07	ng/ul	95
17) Fluoranthene	18.10	202	23505	0.09	ng/ul	86
20) Benzo(a)anthracene	20.20	228	2629	0.04	ng/ul#	90
21) Chrysene	20.26	228	4661	0.07	ng/ul#	94

U.M 11/25/15

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

Manual Integrations APPROVED
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11/23/2015 2:14:15 PM

ClientSampleId : D9KM9
Instrument : BNA_E