Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091141.D
Acq On : 12 Nov 2015 12:41
Operator : DM/NP
Sample : 0322-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 13 16:48:18 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 : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : A4HS5

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:42:31 PM

Internal Standards	R.T.	Qion	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	3242	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	18372	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11422	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	28293m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.28	240	38324	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	43093	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	9120	3.91	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	3139	0.13	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	9208	0.12	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.61	128	1817	0.04	ng/ul#	84
9) Acenaphthylene	13.14	152	7274	0.13	ng/ul	98
11) Fluorene	14.45	166	1958	0.04	ng/ul#	90
14) Phenanthrene	16.16	178	210421	0.64	ng/ul	97
15) Anthracene	16.25	178	44810m	0.15	ng/ul	
17) Fluoranthene	18.15	202	522786m	1.37	ng/ul	
19) Pyrene	18.53	202	487807	1.12	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	54485	0.55	ng/ul	97
21) Chrysene	20.31	228	72642	0.64	ng/ul	99
23) Benzo(b)fluoranthene	21.63	252	61910	0.46	ng/ul	95
24) Benzo(k)fluoranthene	21.65	252	65499	0.47	ng/ul	95
25) Benzo(a)pyrene	22.09	252	66598	0.54	ng/ul	92
26) Indeno(1,2,3-cd)pyrene	23.83	276	191129m	0.37	ng/ul	
27) Dibenzo(a,h)anthracene	23.78	278	10900	0.09	ng/ul#	72
28) Benzo(g,h,i)perylene	24.39	276	176356	0.32	ng/ul	95

D.M 11/24/15

D.M 11/24/15

D.M 11/24/15

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

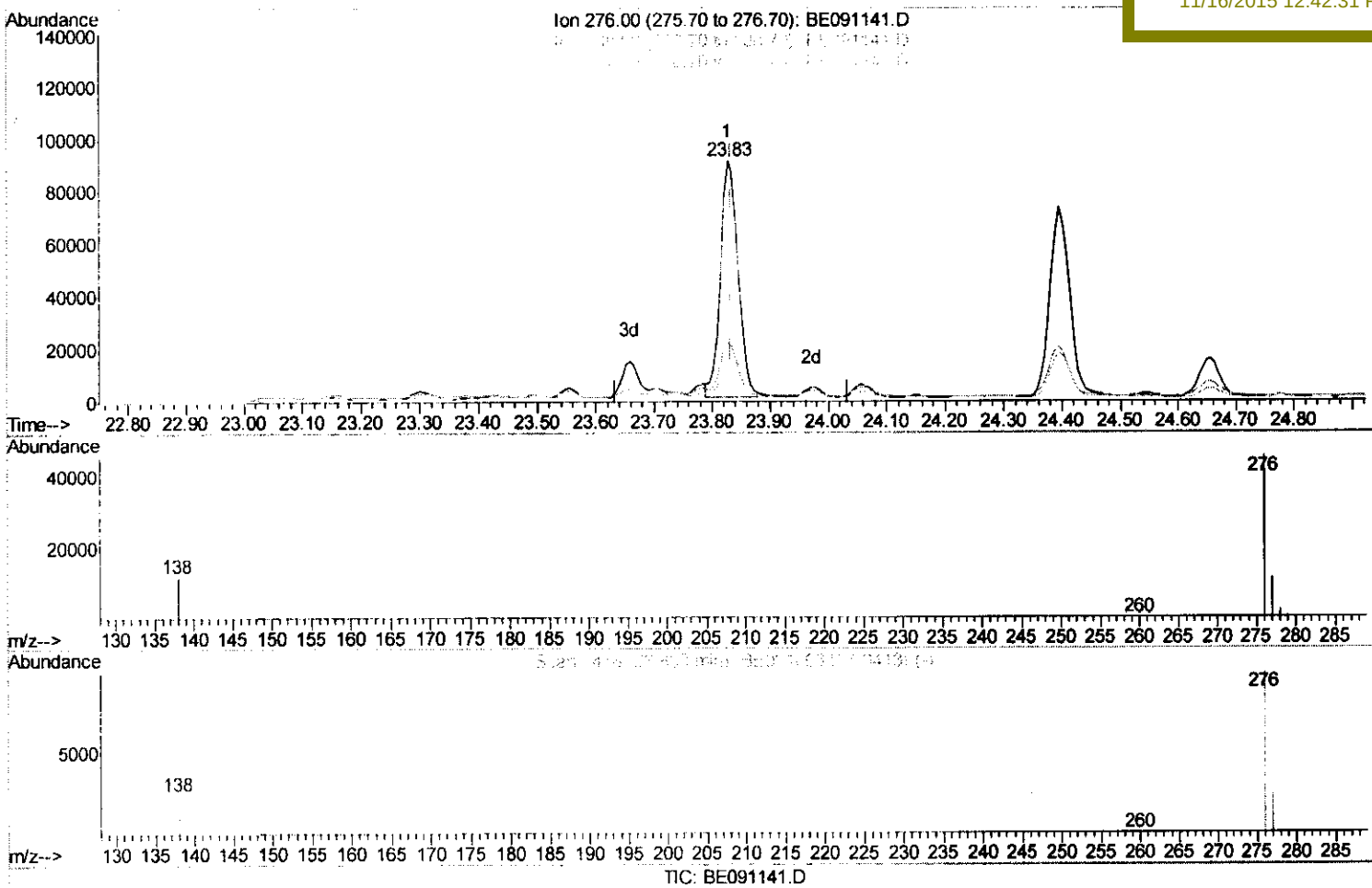
Quantitation Report (Qedit)

Data Path : M:\HPCHEM1\BNA_E\Data\BE[illegible]\
Data File : BE091141.D
Acq On : 12 Nov 2015 12:41
Operator : GM/NP
Sample : G4322-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 13 16:47:14 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 : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4HS5

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:42:31 PM



(26) Indeno(1,2,3-cd)pyrene

23.828min (-0.006) 0.37ng/ul m

response 191129

GM 11/24/15

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	23.34#
277.00	24.10	25.50
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091141.D
Acq On : 12 Nov 2015 12:41
Operator : UM/NP
Sample : G4322-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 13 16:47:14 2015
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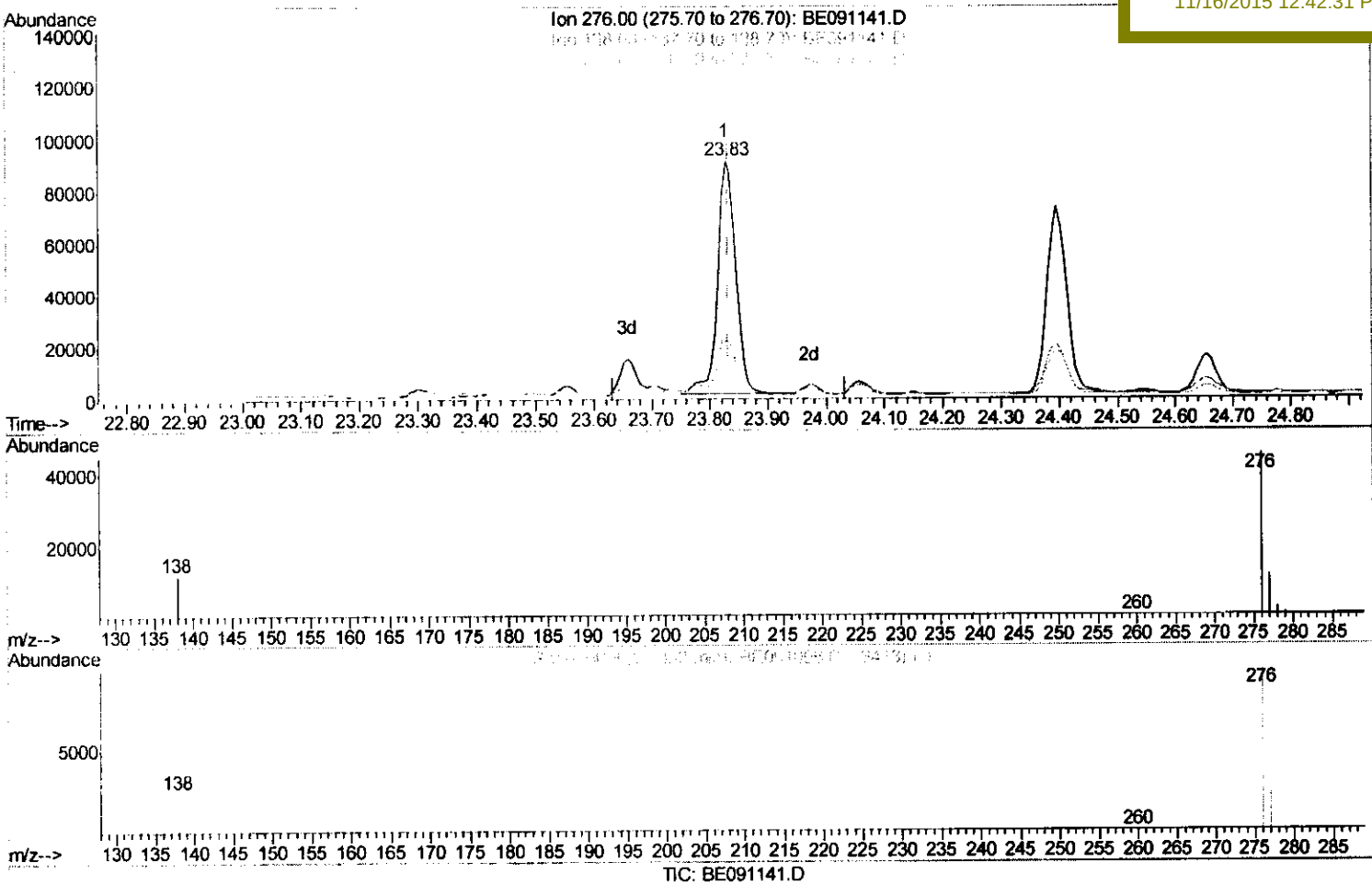
Instrument :
BNA_E
ClientSampleId :
A4HS5

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:42:31 PM



TIC: BE091141.D

(26) Indeno(1,2,3-cd)pyrene

23.828min (-0.006) 0.38ng/ul

response 197613

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	22.57#
277.00	24.10	24.66
0.00	0.00	0.00

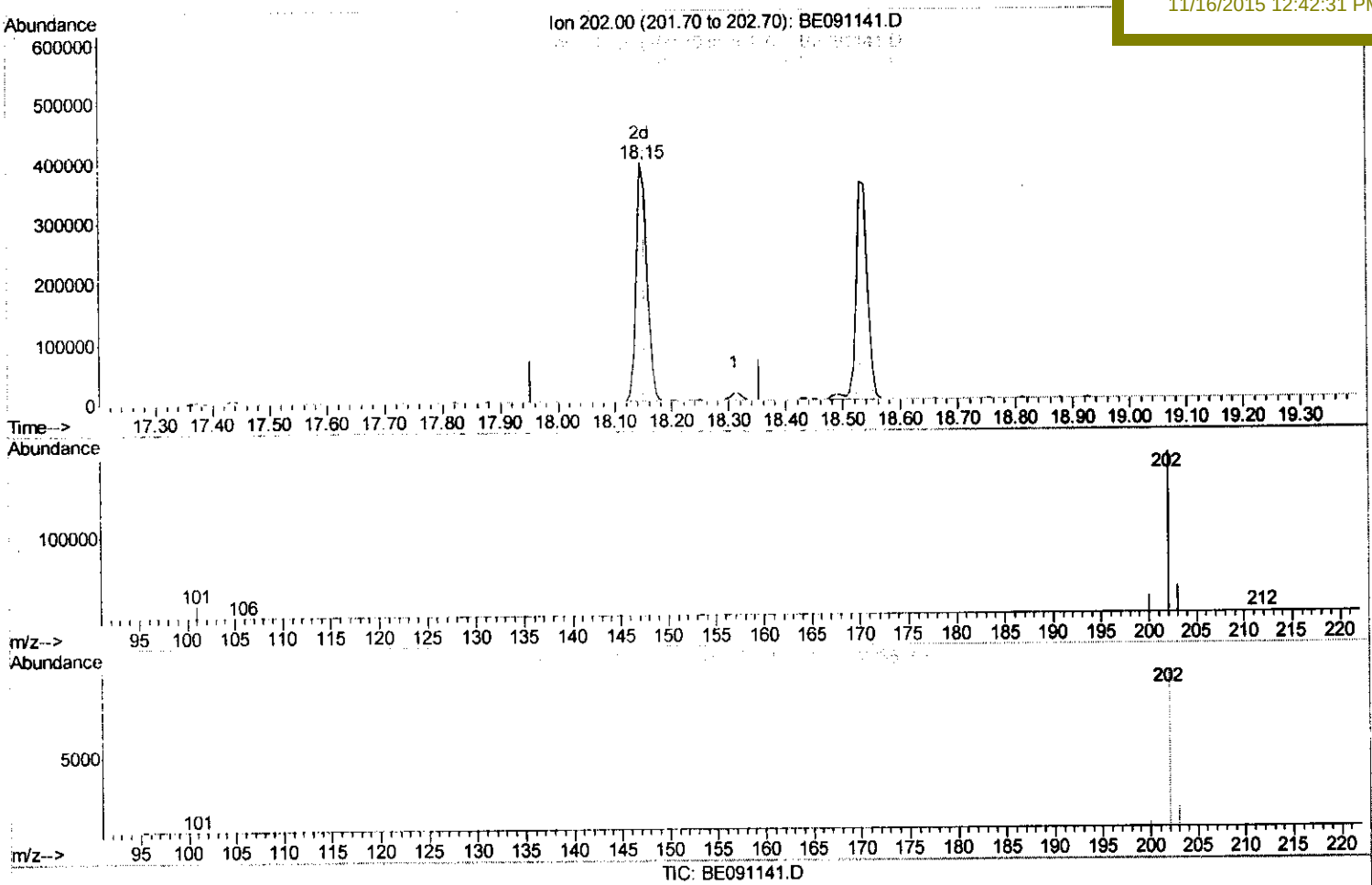
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091141.D
Acq On : 12 Nov 2015 12:41
Operator : UM/NP
Sample : 64322-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 13 16:47:14 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 : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4HS5

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:42:31 PM



(17) Fluoranthene (C)

18.146min (-0.007) 1.37ng/ul m

response 522786

Ion	Exp%	Act%
202.00	100	100
101.00	13.10	7.61
203.00	17.20	16.74
0.00	0.00	0.00

U.M 11/24/15

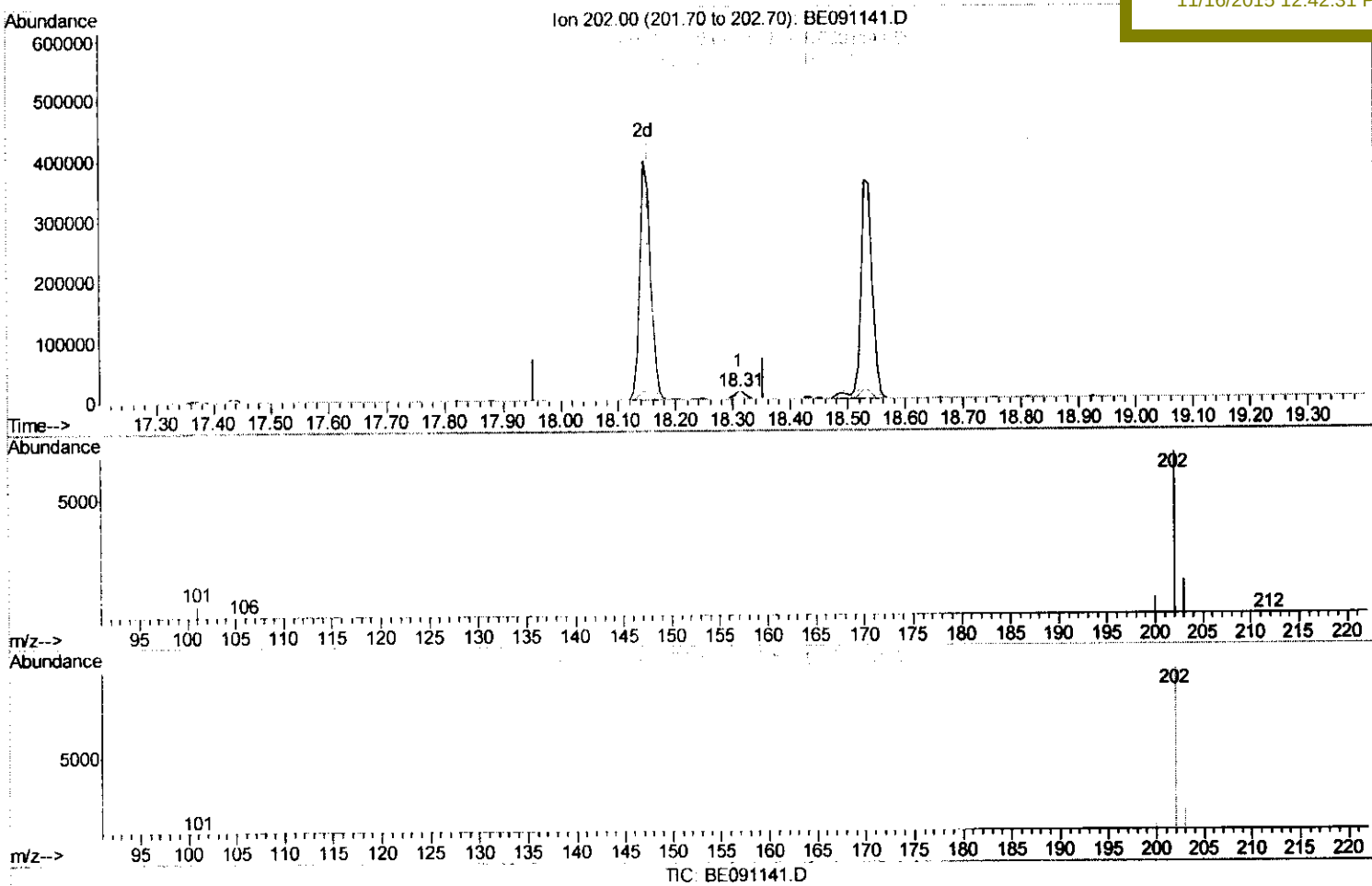
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091141.D
Acq On : 12 Nov 2015 12:41
Operator : UM/NP
Sample : G4322-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 13 16:47:14 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 : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4HS5

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:42:31 PM



(17) Fluoranthene (C)

18.309min (+0.156) 0.05ng/ul

response 18780

Ion	Exp%	Act%
202.00	100	100
101.00	13.10	4.51
203.00	17.20	21.94
0.00	0.00	0.00

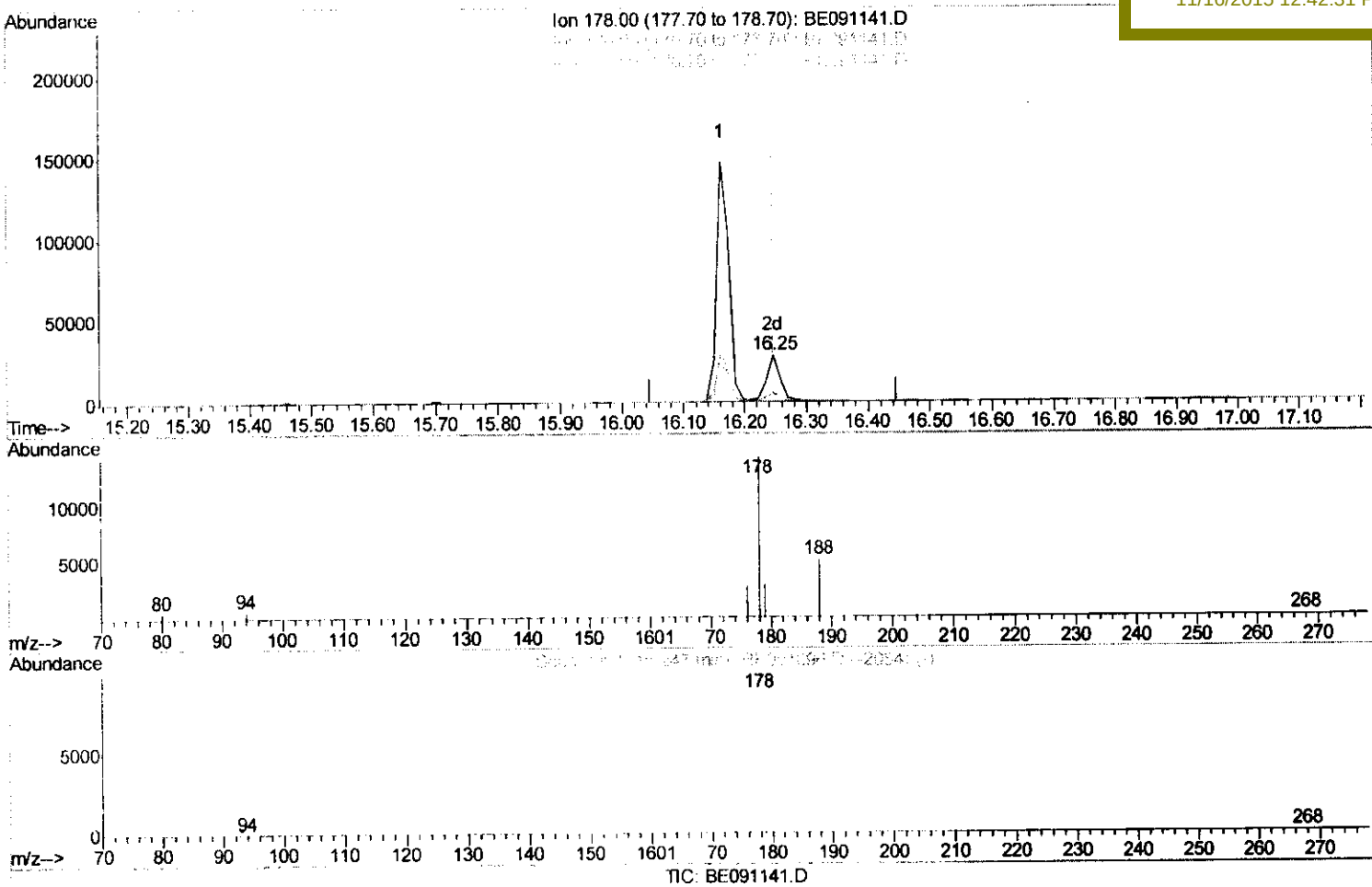
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091141.D
Acq On : 12 Nov 2015 12:41
Operator : UM/NP
Sample : G4322-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 13 16:47:14 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 : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4HS5

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:42:31 PM



(15) Anthracene

16.246min (-0.000) 0.15ng/ul m

response 44810

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	19.41
179.00	16.60	20.73#
0.00	0.00	0.00

U.M 11/24/15

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091141.D
Acq On : 12 Nov 2015 12:41
Operator : UM/NP
Sample : G4322-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 13 16:47:14 2015
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QLast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4HS5

Manual Integrations APPROVED
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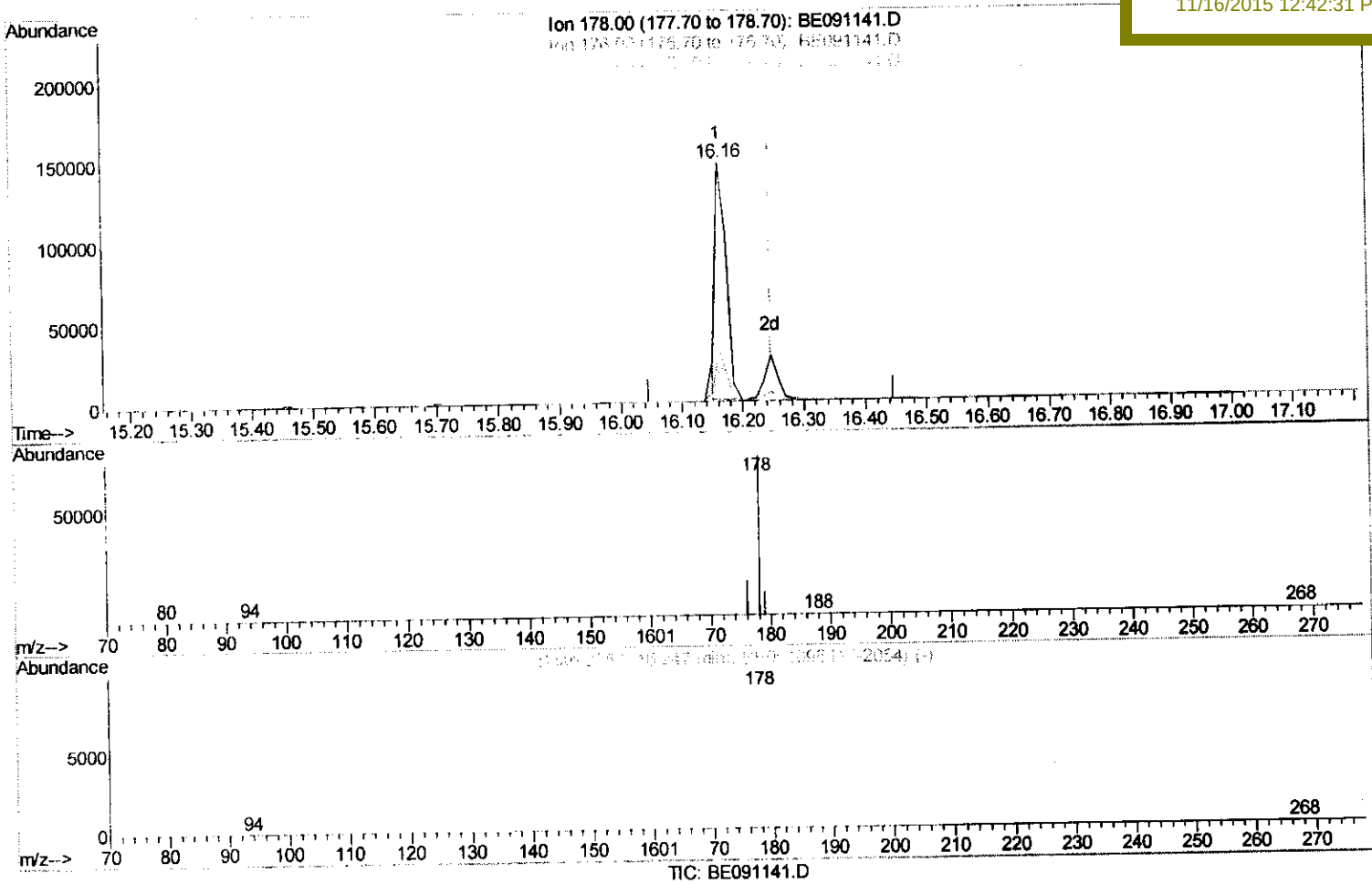

(15) Anthracene

16.161min (-0.085) 0.63ng/ul

response 187632

Ion	Exp%	Act%
178.00	100	100
176.00	19.80	21.14
179.00	16.60	14.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091141.D
Acq On : 12 Nov 2015 12:41
Operator : UM/NP
Sample : 64322-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 13 15:23:13 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 : Fri Nov 13 13:56:00 2015
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Instrument :
BNA_E
ClientSampleId :
A4HS5

Manual Integrations APPROVED
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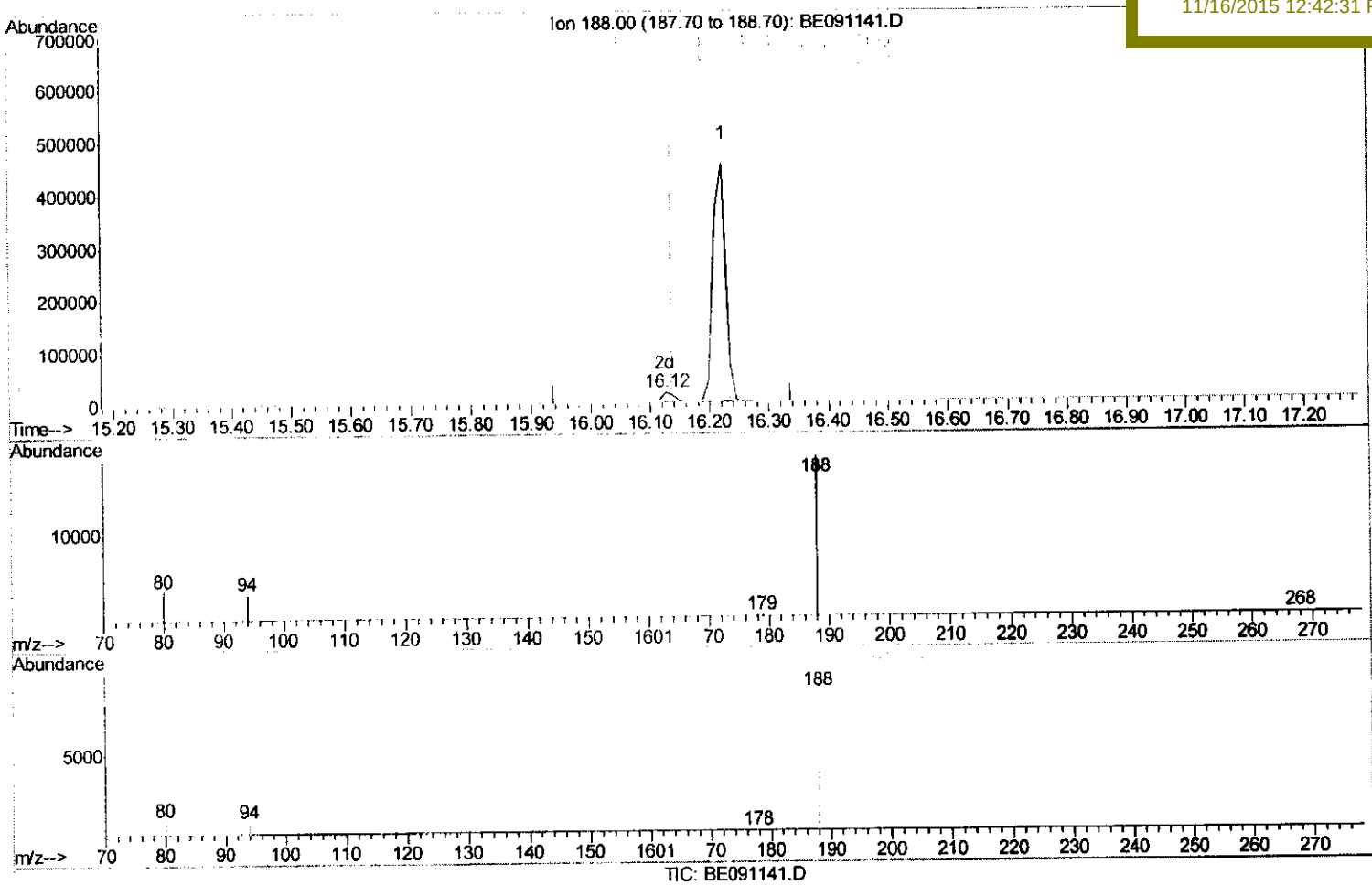
11/16/2015 12:42:31 PM



TIC: BE091141.D

(12) Phenanthrene-d10 (I)

16.125min (-0.012) 0.40ng/ul m

response 28293

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	16.12#
80.00	8.90	18.62#
0.00	0.00	0.00

U.M 11/24/15

Quantitation Report (Qedit)

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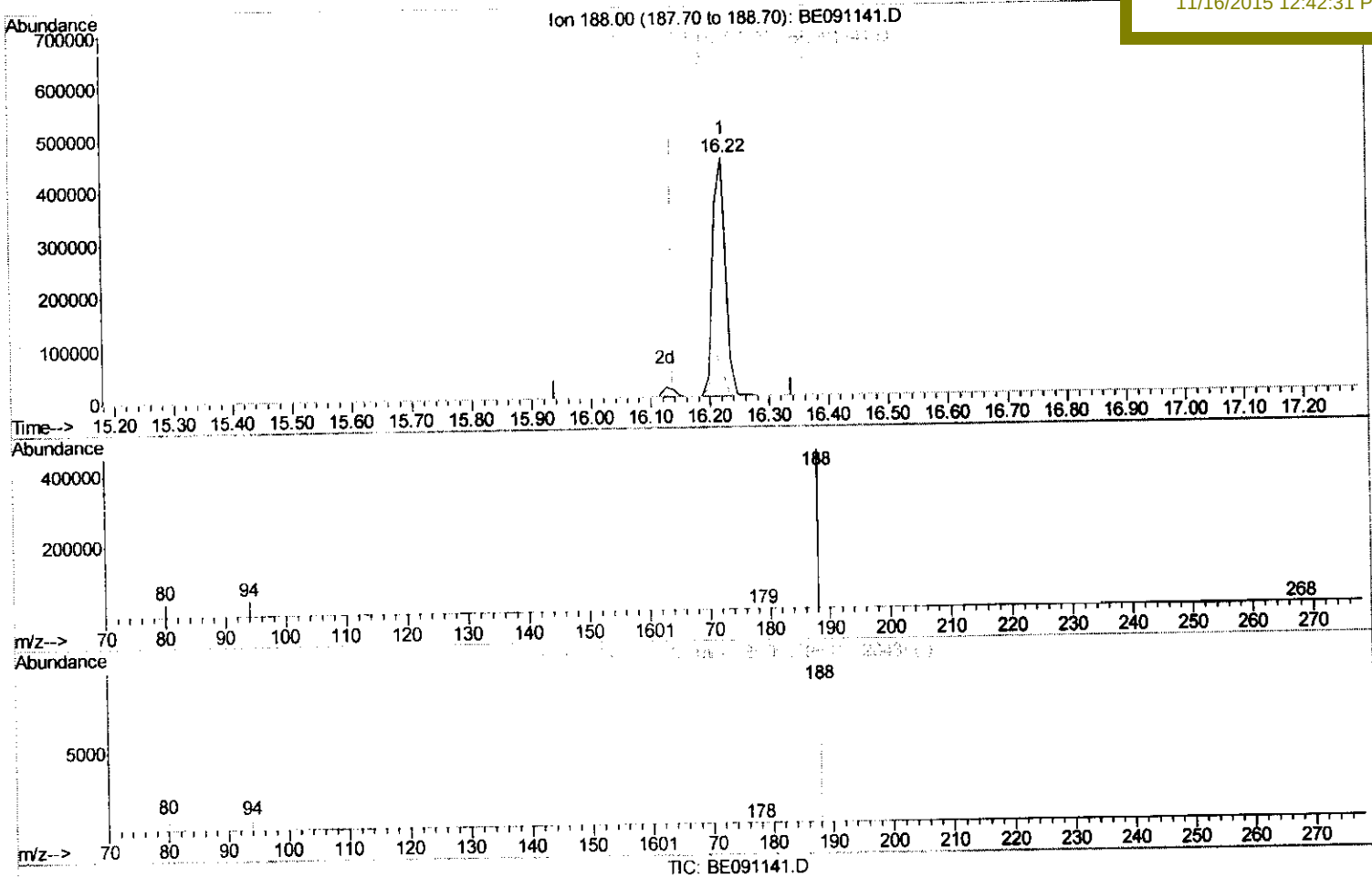
Data File : BE091141.D
Acq On : 12 Nov 2015 12:41
Operator : UM/NP
Sample : G4322-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 13 15:23:13 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 : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4HS5

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:42:31 PM



TIC: BE091141.D

(12) Phenanthrene-d10 (I)

16.222min (+0.085) 0.40ng/ul

response 682746

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	9.71
80.00	8.90	8.40
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : X:\HPCHEM1\BNA_E\Data\BE111115\
Data File : BE091141.D
Acq On : 12 Nov 2015 12:41
Operator : UM/NP
Sample : 64322-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 13 16:48:18 2015
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Response via : Initial Calibration

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BNA_E
ClientSampleId :
A4HS5

Manual Integrations APPROVED
Mmdadoda
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