

Quantitation Report (Qedit)

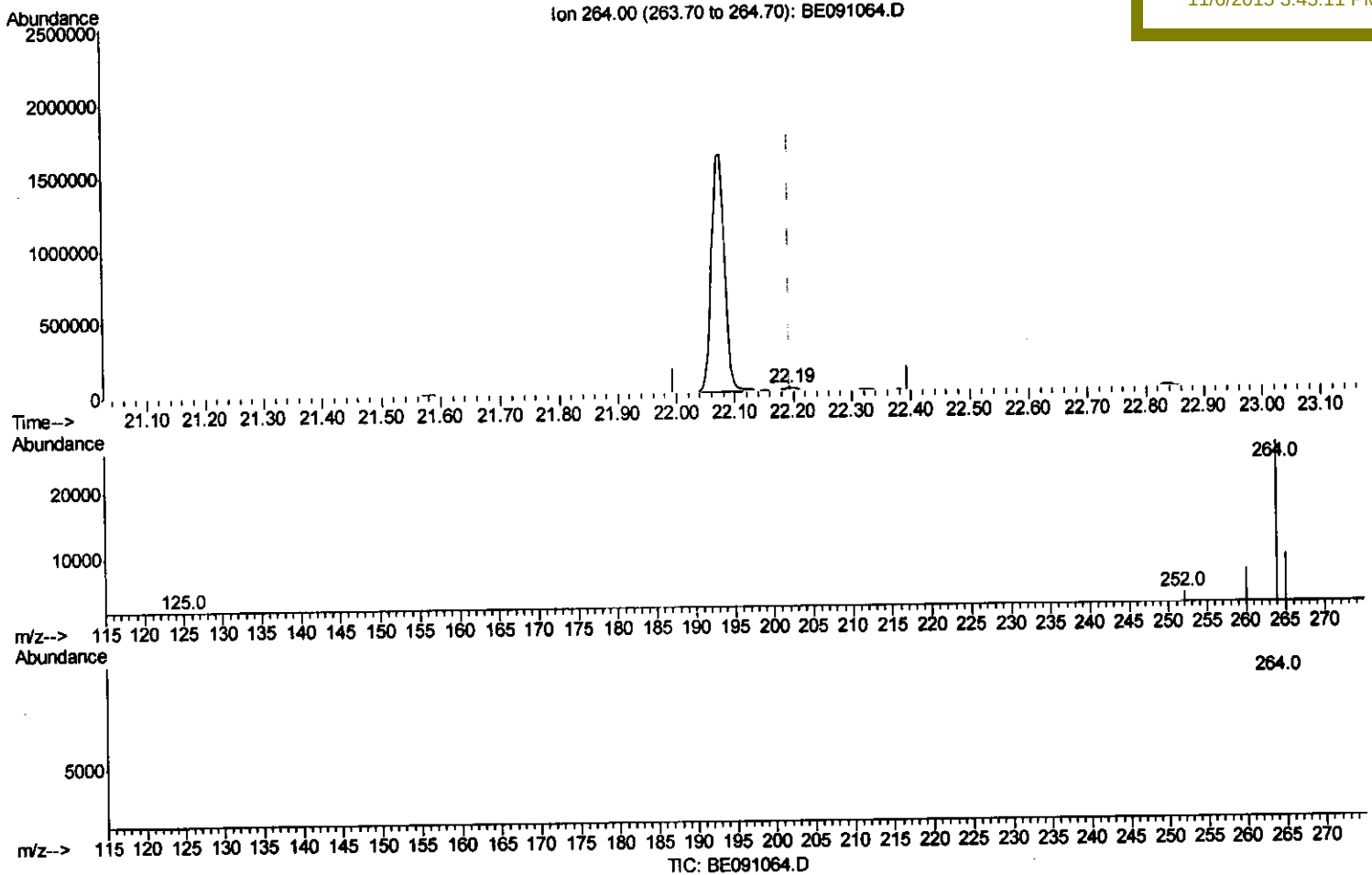
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091064.D
 Acq On : 5 Nov 2015 11:27
 Operator : UM/NP
 Sample : G4273-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COAN6

Quant Time: Nov 06 05:53:26 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 : Fri Nov 06 05:41:57 2015
 Response via : Initial Calibration

Manual Integrations
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(22) Perylene-d12 (I)

22.195min (+0.000) 0.40ng/ul m

response 56638

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	25.86
265.00	34.70	34.58
0.00	0.00	0.00

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Quantitation Report (Qedit)

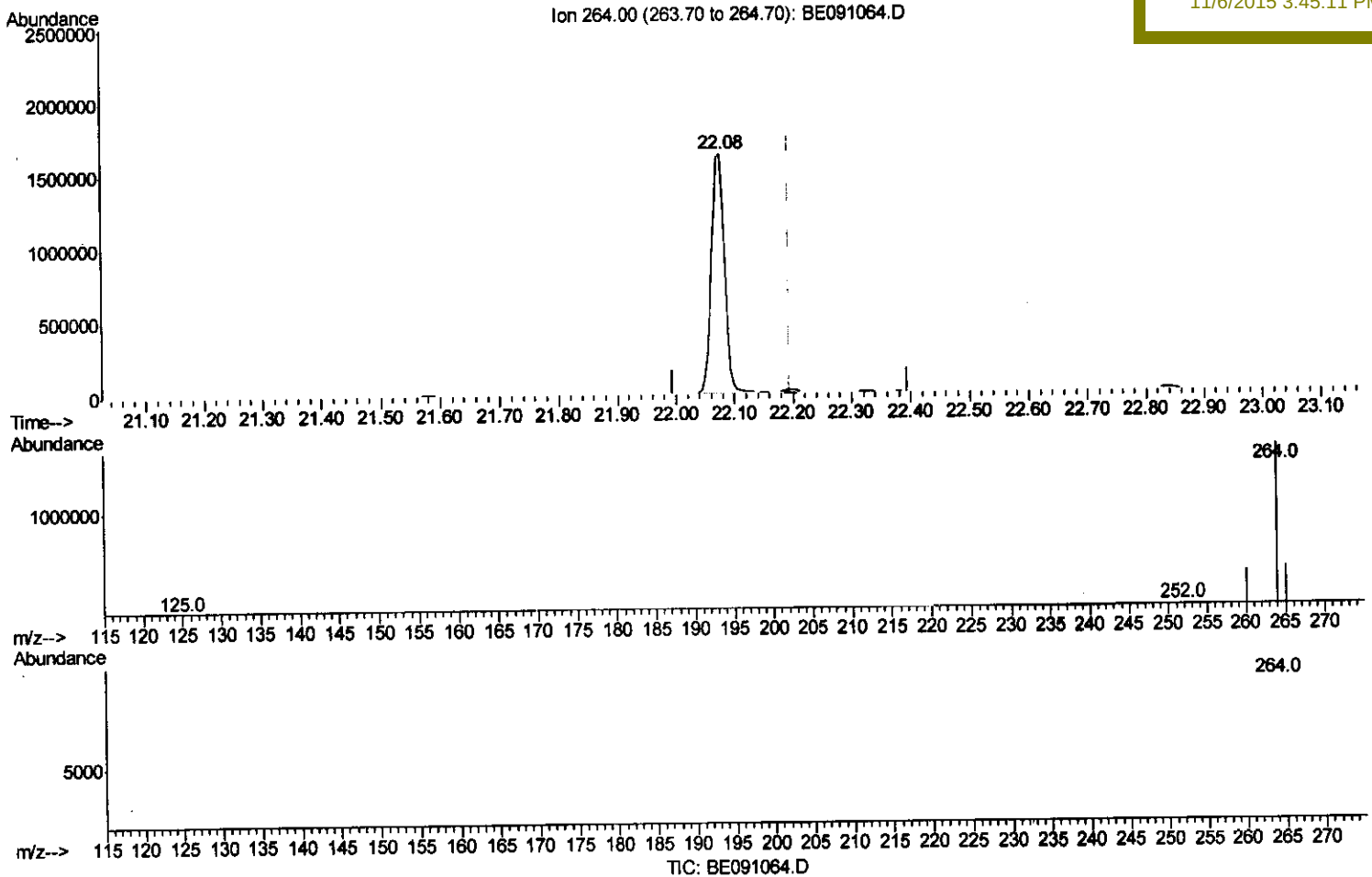
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091064.D
 Acq On : 5 Nov 2015 11:27
 Operator : UM/NP
 Sample : G4273-01
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(22) Perylene-d12 (I)

22.076min (-0.118) 0.40ng/ul

response 2553335

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	21.70#
265.00	34.70	23.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

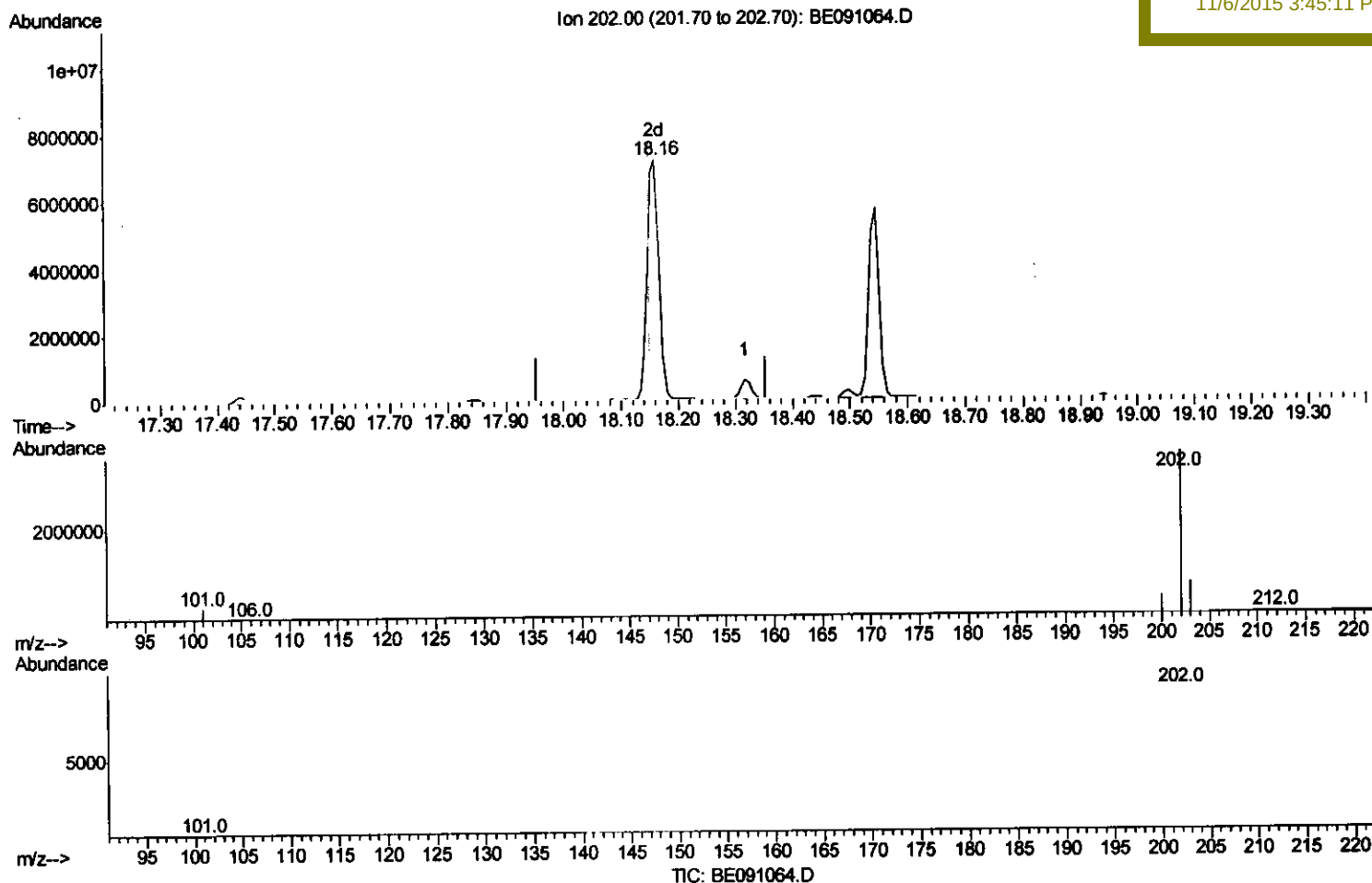
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
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(17) Fluoranthene (C)

18.160min (+0.007) 21.95ng/ul m

response 10127182

Ion	Exp%	Act%
202.00	100	100
101.00	13.10	6.62
203.00	17.20	19.17
0.00	0.00	0.00

Handwritten notes:
 U.S.A.
 11/10/15

Quantitation Report (Qedit)

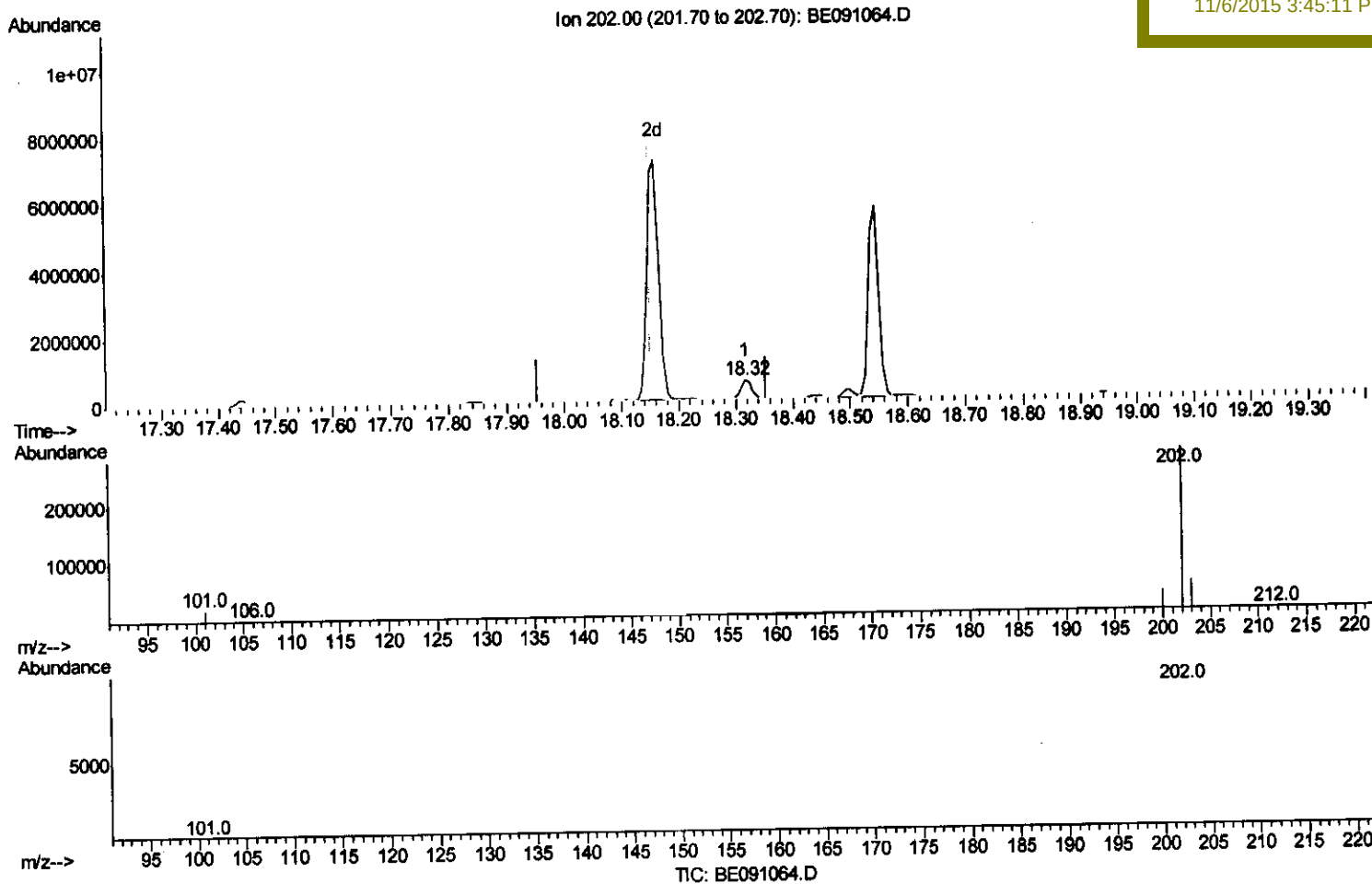
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091064.D
 Acq On : 5 Nov 2015 11:27
 Operator : UM/NP
 Sample : G4273-01
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(17) Fluoranthene (C)

18.317min (+0.163) 1.61ng/ui

response 740581

Ion	Exp%	Act%
202.00	100	100
101.00	13.10	3.61
203.00	17.20	17.36
0.00	0.00	0.00

Quantitation Report (Qedit)

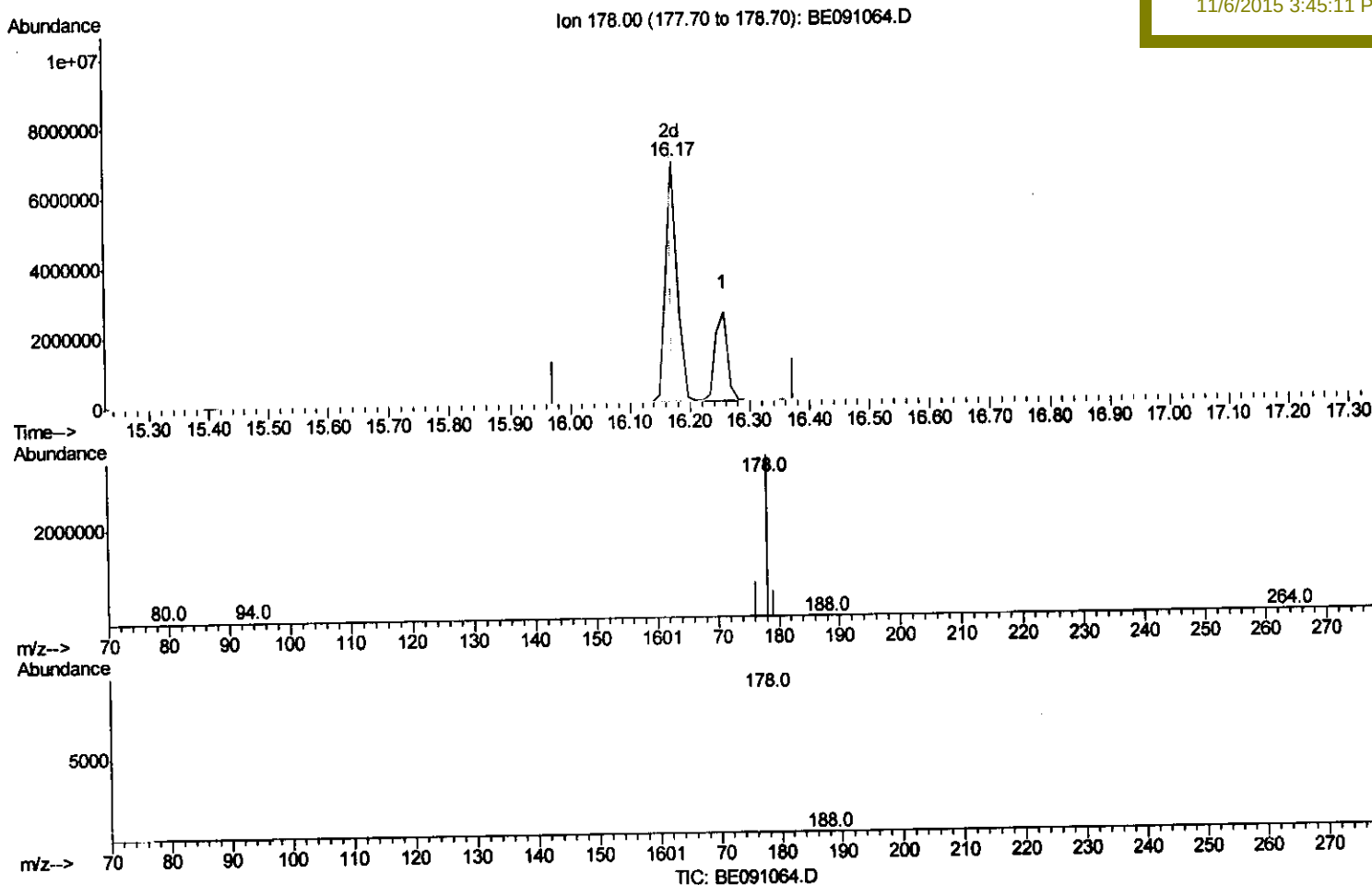
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091064.D
 Acq On : 5 Nov 2015 11:27
 Operator : UM/NP
 Sample : G4273-01
 Misc :
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(14) Phenanthrene

16.172min (-0.000) 23.56ng/ul m

response 9287962

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	21.14
179.00	16.00	15.99
0.00	0.00	0.00

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Quantitation Report (Qedit)

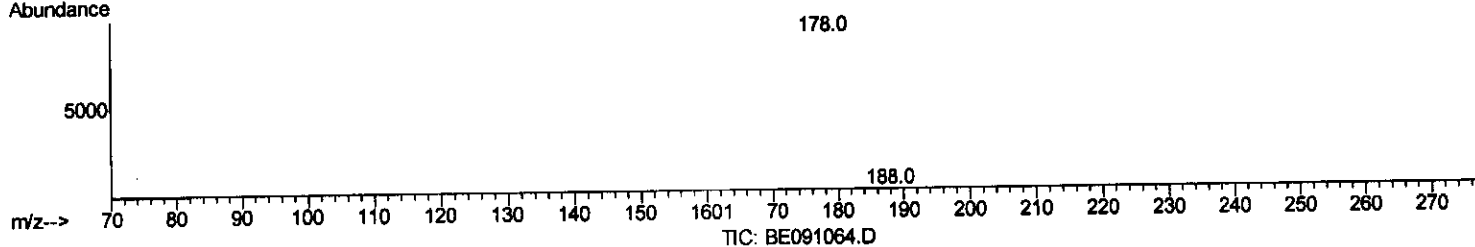
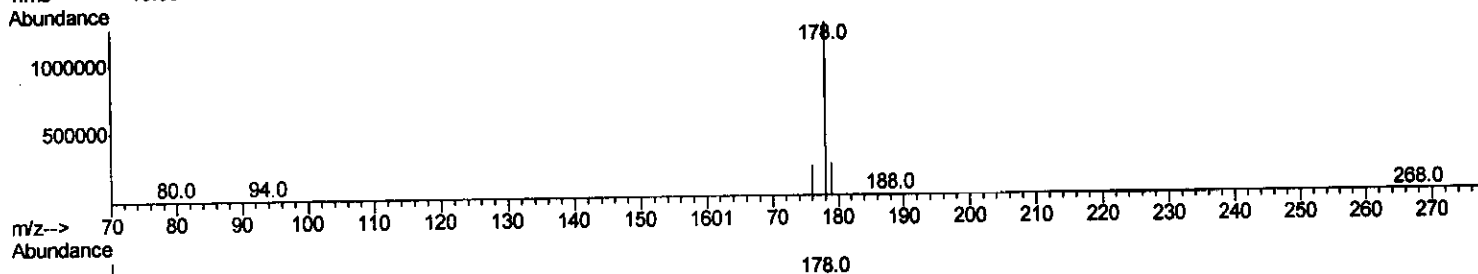
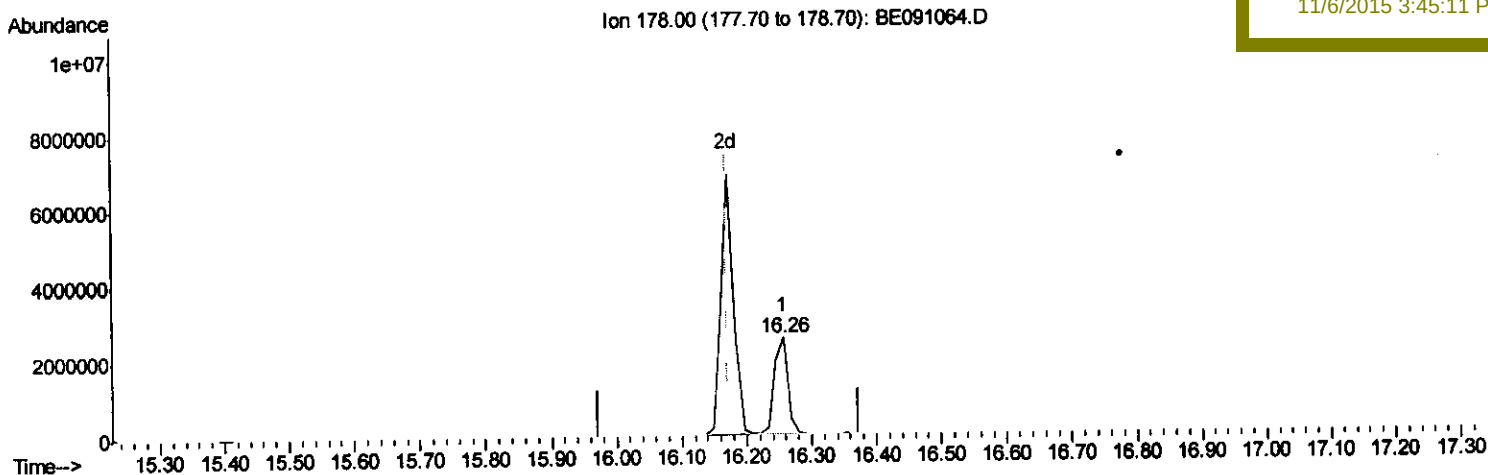
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091064.D
Acq On : 5 Nov 2015 11:27
Operator : UM/NP
Sample : G4273-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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(14) Phenanthrene

16.257min (+0.085) 9.39ng/ul

response 3701431

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	17.32
179.00	16.00	18.57
0.00	0.00	0.00

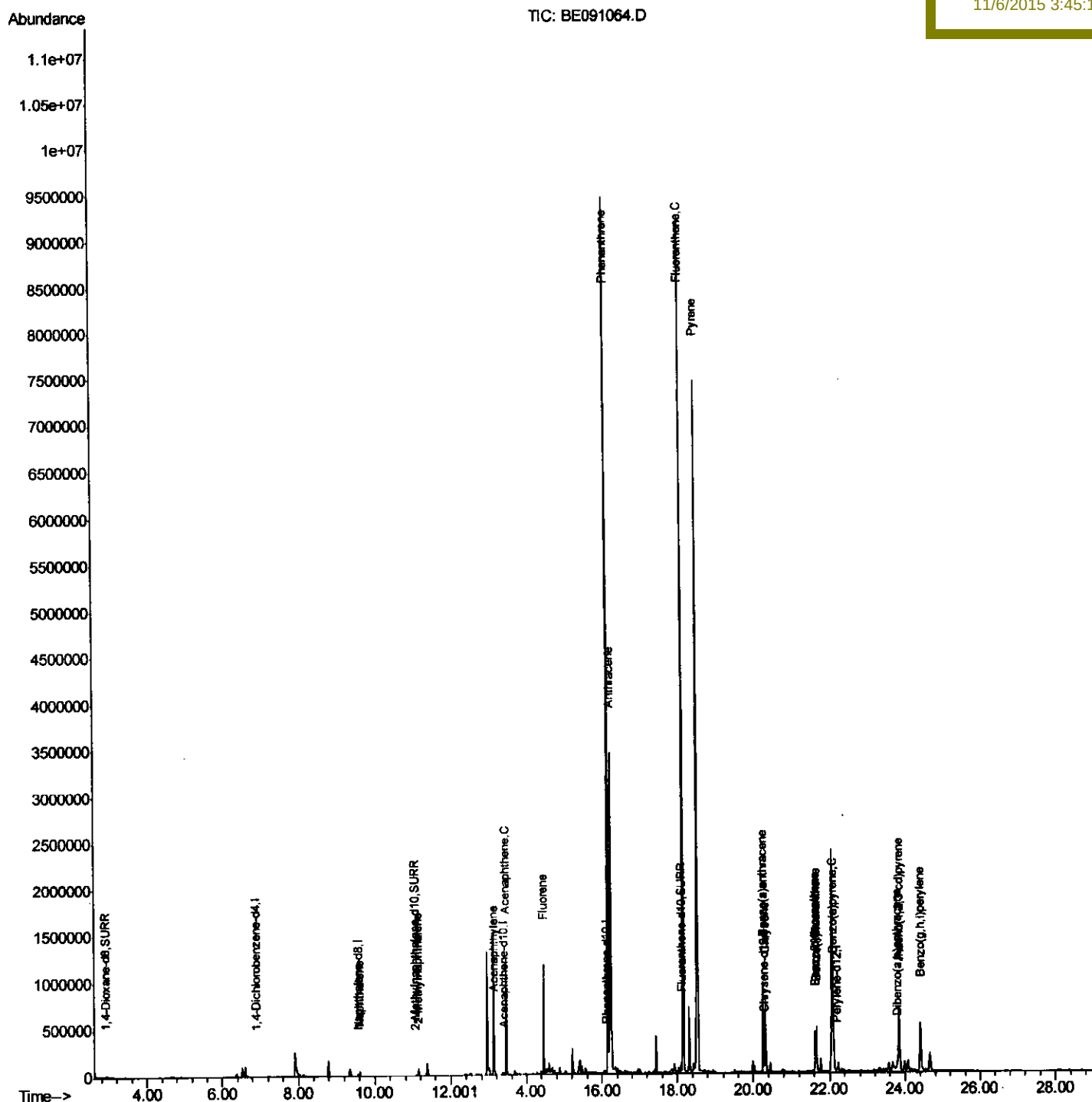
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091064.D
Acq On : 5 Nov 2015 11:27
Operator : UM/NP
Sample : G4273-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 06 05:56:42 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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 Data File : BE091064.D
 Acq On : 5 Nov 2015 11:27
 Operator : UM/NP
 Sample : G4273-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AN6

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	4672	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	25326	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	15566	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	34133m	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	35451	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	56638m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	31567	9.39	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	11788	0.34	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	35678	0.37	ng/ul	0.00
Target Compounds						Ovalue
5) Naphthalene	9.62	128	59850	0.96	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	55797	1.37	ng/ul	98
9) Acenaphthylene	13.14	152	45202	0.58	ng/ul	99
10) Acenaphthene	13.46	153	672472	12.63	ng/ul	92
11) Fluorene	14.45	166	682038	9.97	ng/ul	89
14) Phenanthrene	16.17	178	9287962m	23.56	ng/ul	
15) Anthracene	16.26	178	3678916	10.26	ng/ul	95
17) Fluoranthene	18.16	202	10127182m	21.95	ng/ul	
19) Pyrene	18.54	202	7214576	17.91	ng/ul#	77
20) Benzo(a)anthracene	20.26	228	776665	8.53	ng/ul	98
21) Chrysene	20.32	228	674837	6.44	ng/ul	98
23) Benzo(b)fluoranthene	21.63	252	451178	2.55	ng/ul	93
24) Benzo(k)fluoranthene	21.66	252	446743m	2.46	ng/ul	
25) Benzo(a)pyrene	22.10	252	517005m	3.17	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.84	276	989488m	1.44	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	73246m	0.45	ng/ul	
28) Benzo(a,h,i)perylene	24.40	276	888032m	1.23	ng/ul	

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

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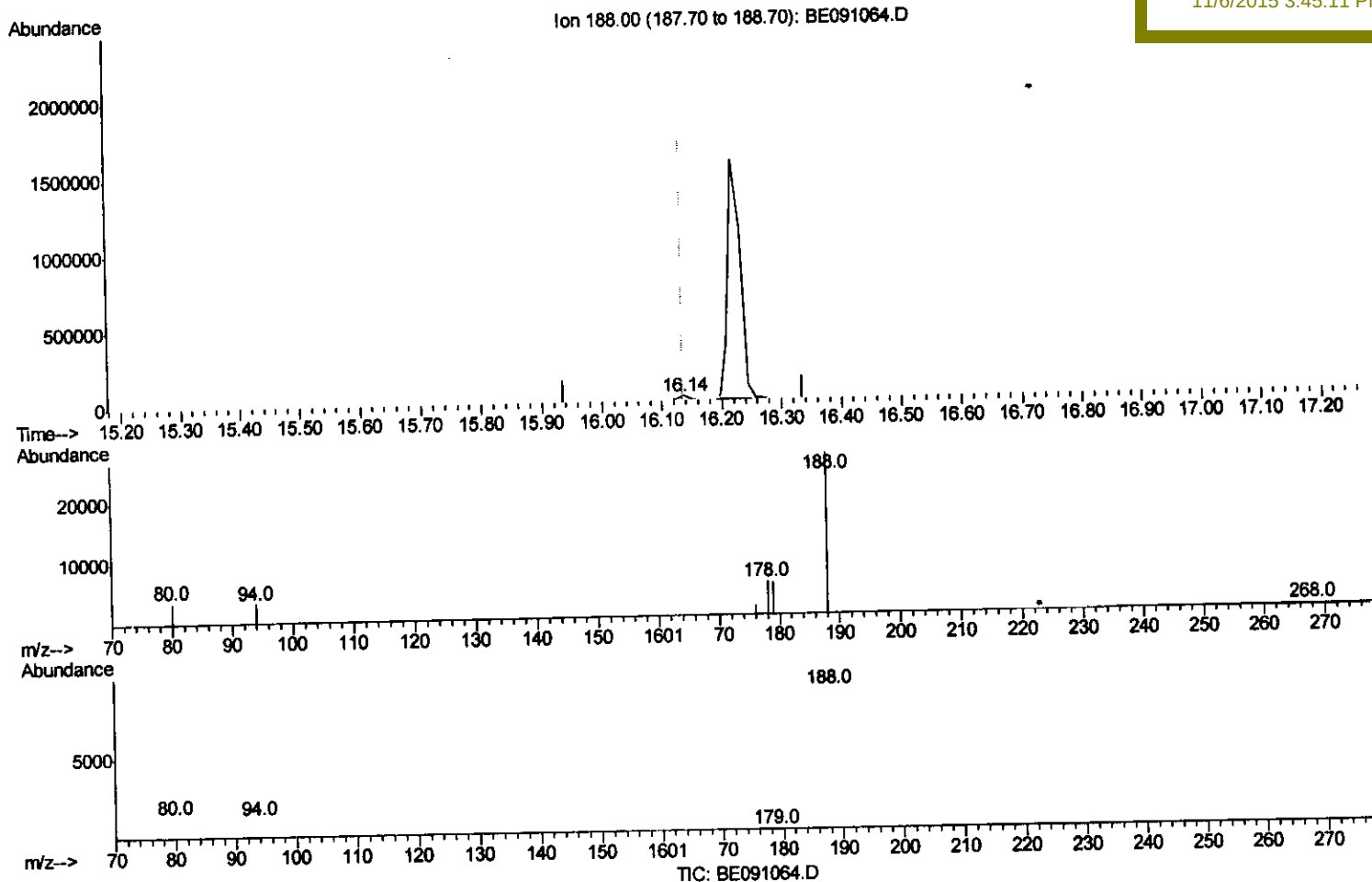
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091064.D
 Acq On : 5 Nov 2015 11:27
 Operator : UM/NP
 Sample : G4273-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 Client Sample Id :
 C0AN6

Manual Integrations
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Quant Time: Nov 06 05:43:30 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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(12) Phenanthrene-d10 (I)

16.136min (-0.000) 0.40ng/ul m

response 34133

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	12.35#
80.00	8.90	13.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

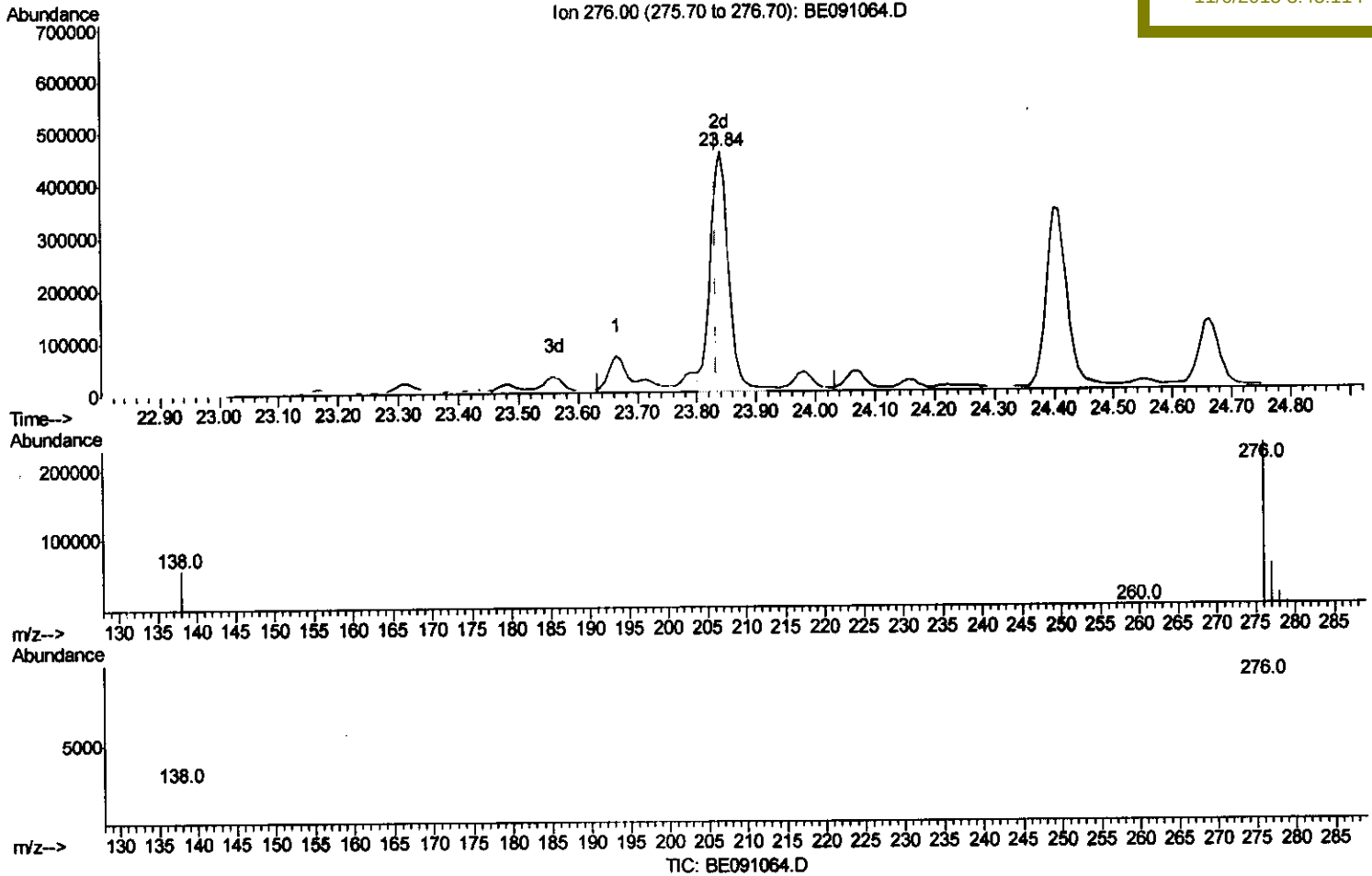
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091064.D
 Acq On : 5 Nov 2015 11:27
 Operator : UM/NP
 Sample : G4273-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AN6

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Manual Integrations
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(26) Indeno(1,2,3-cd)pyrene
 23.840min (+0.006) 1.44ng/ul m
 response 989488

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	5.25#
277.00	24.10	5.13#
0.00	0.00	0.00

Handwritten: 11 108 115

Quantitation Report (Qedit)

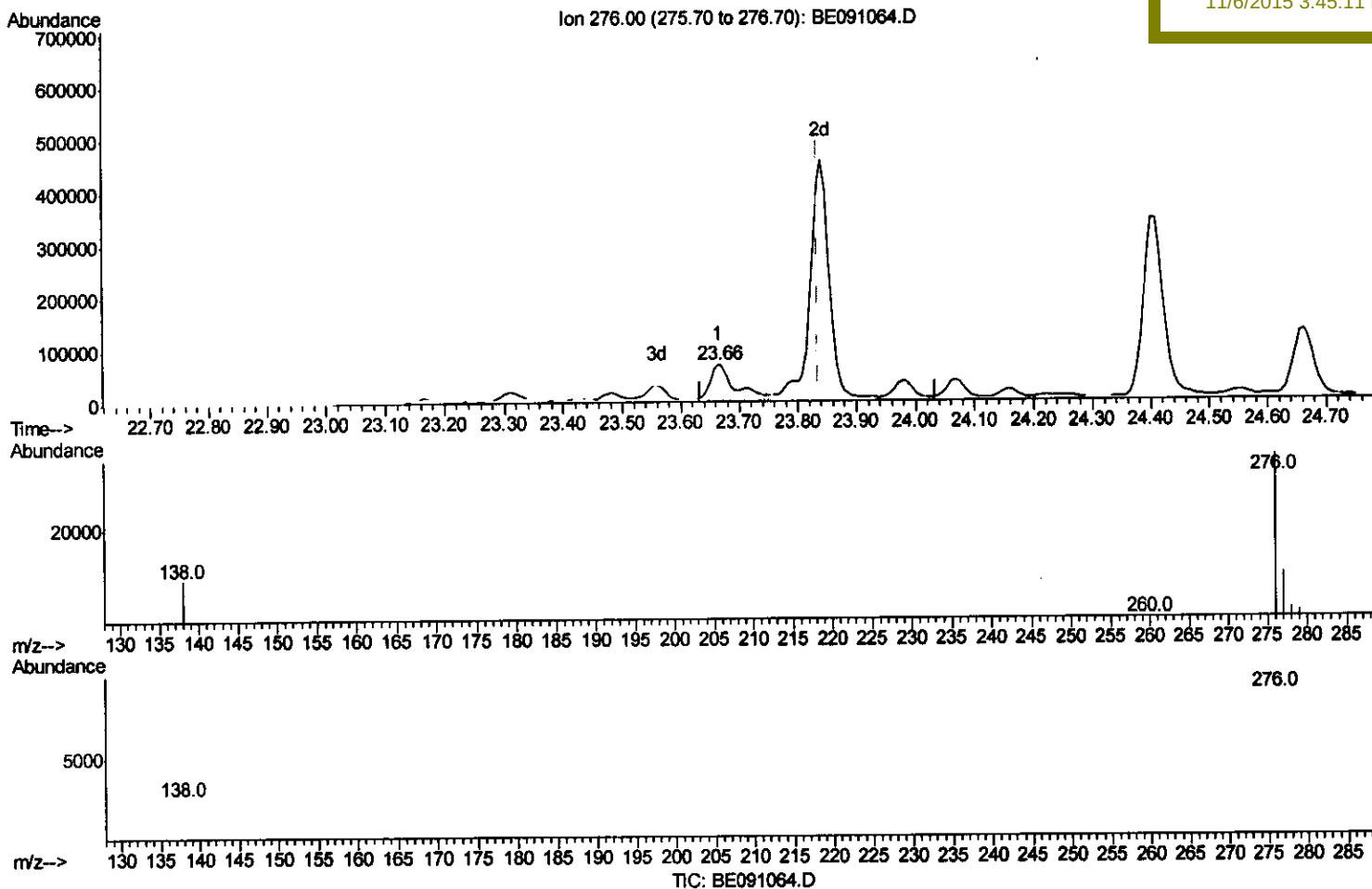
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091064.D
 Acq On : 5 Nov 2015 11:27
 Operator : UM/NP
 Sample : G4273-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

23.664min (-0.170) 0.28ng/ul

response 193151

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	26.90#
277.00	24.10	26.27
0.00	0.00	0.00

Quantitation Report (Qedit)

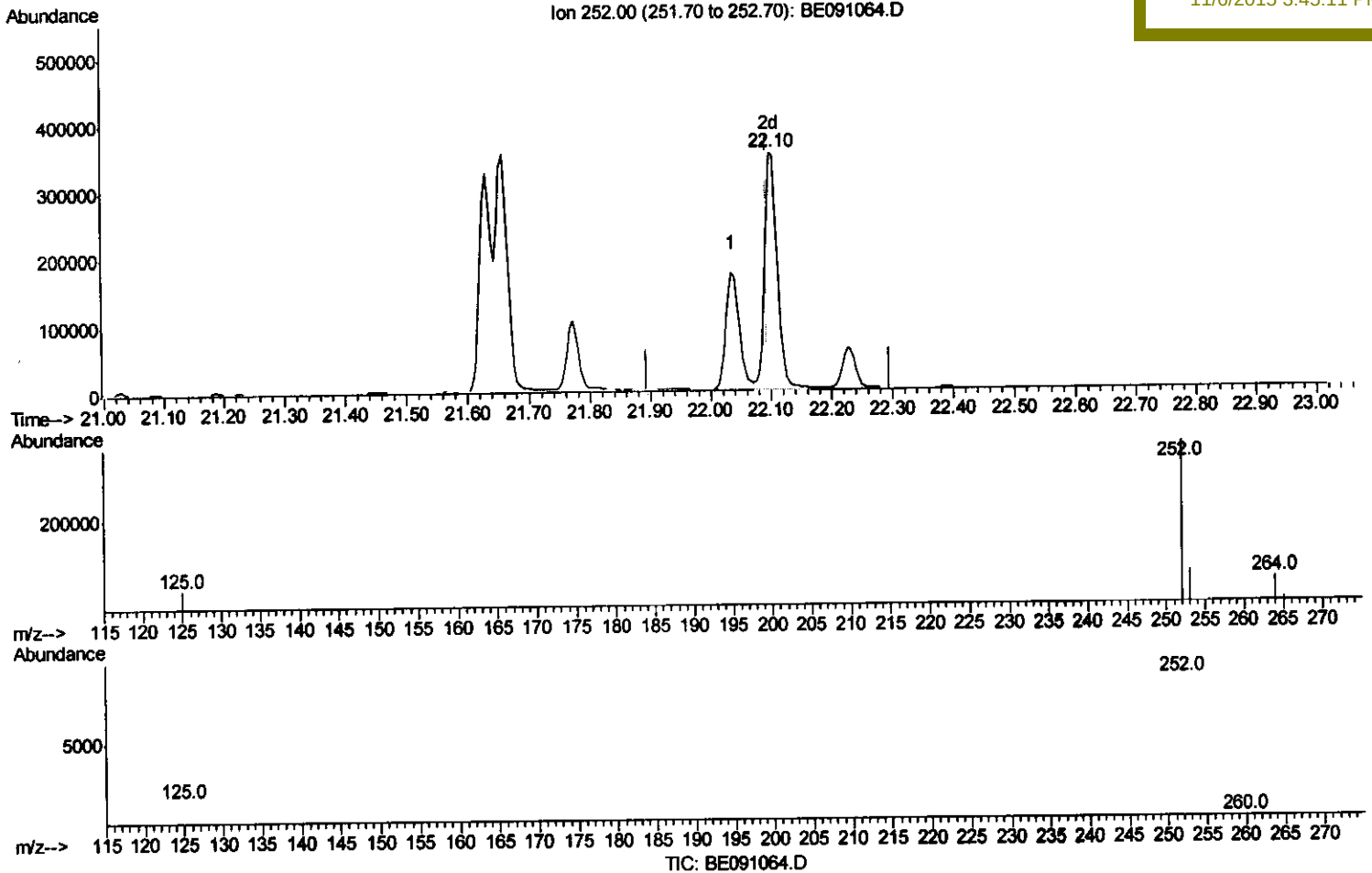
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
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(25) Benzo(a)pyrene (C)
 22.099min (+0.005) 3.17ng/ul m
 response 517005

Ion	Exp%	Act%
252.00	100	100
253.00	27.30	22.18
125.00	18.10	14.39#
0.00	0.00	0.00

Uml
 11 / 100 / 115

Quantitation Report (Qedit)

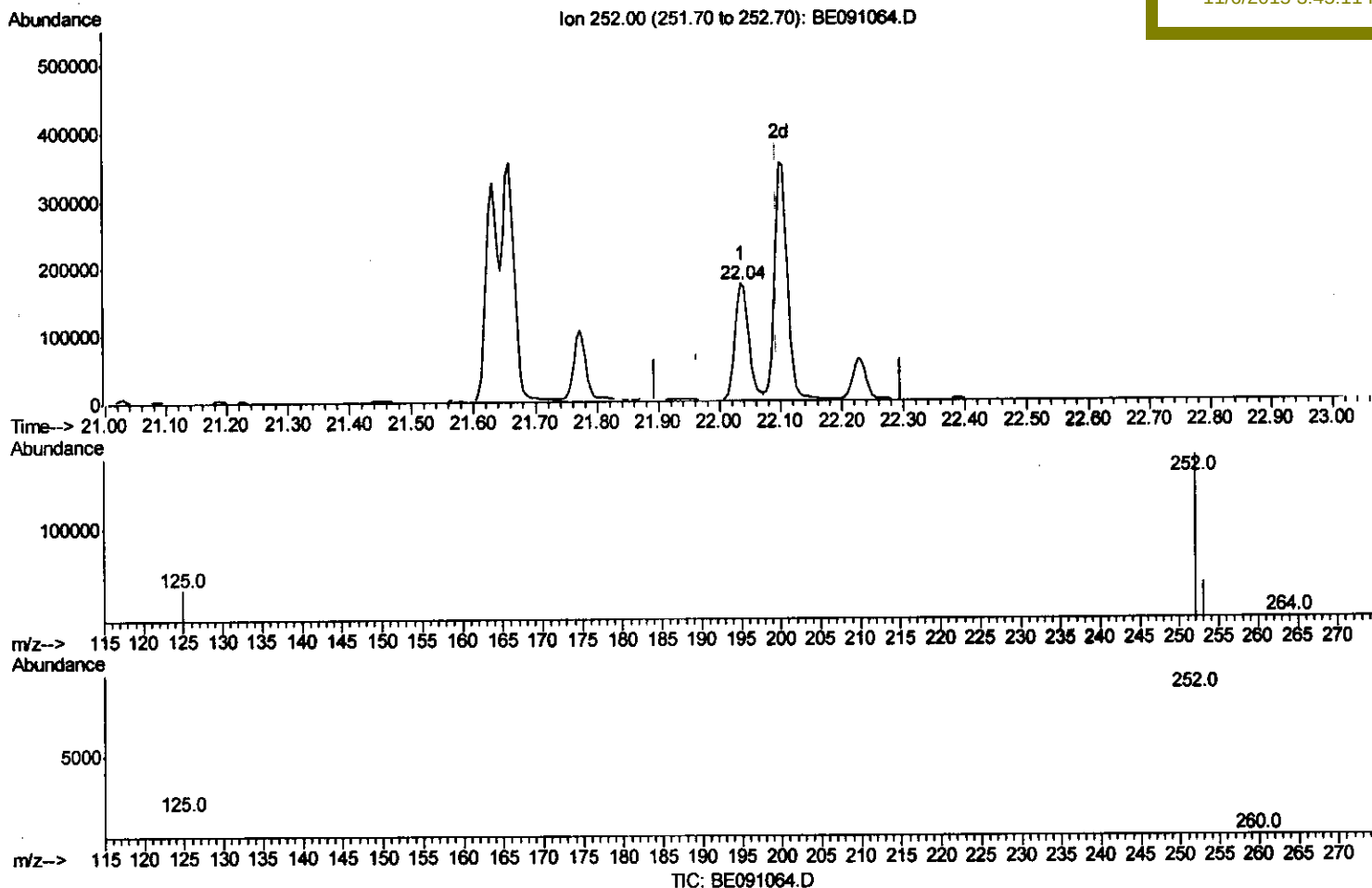
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091064.D
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Operator : UM/NP
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Misc :
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(25) Benzo(a)pyrene (C)

22.035min (-0.059) 1.68ng/ul

response 273387

Ion	Exp%	Act%
252.00	100	100
253.00	27.30	22.43
125.00	18.10	19.43
0.00	0.00	0.00

Quantitation Report (Qedit)

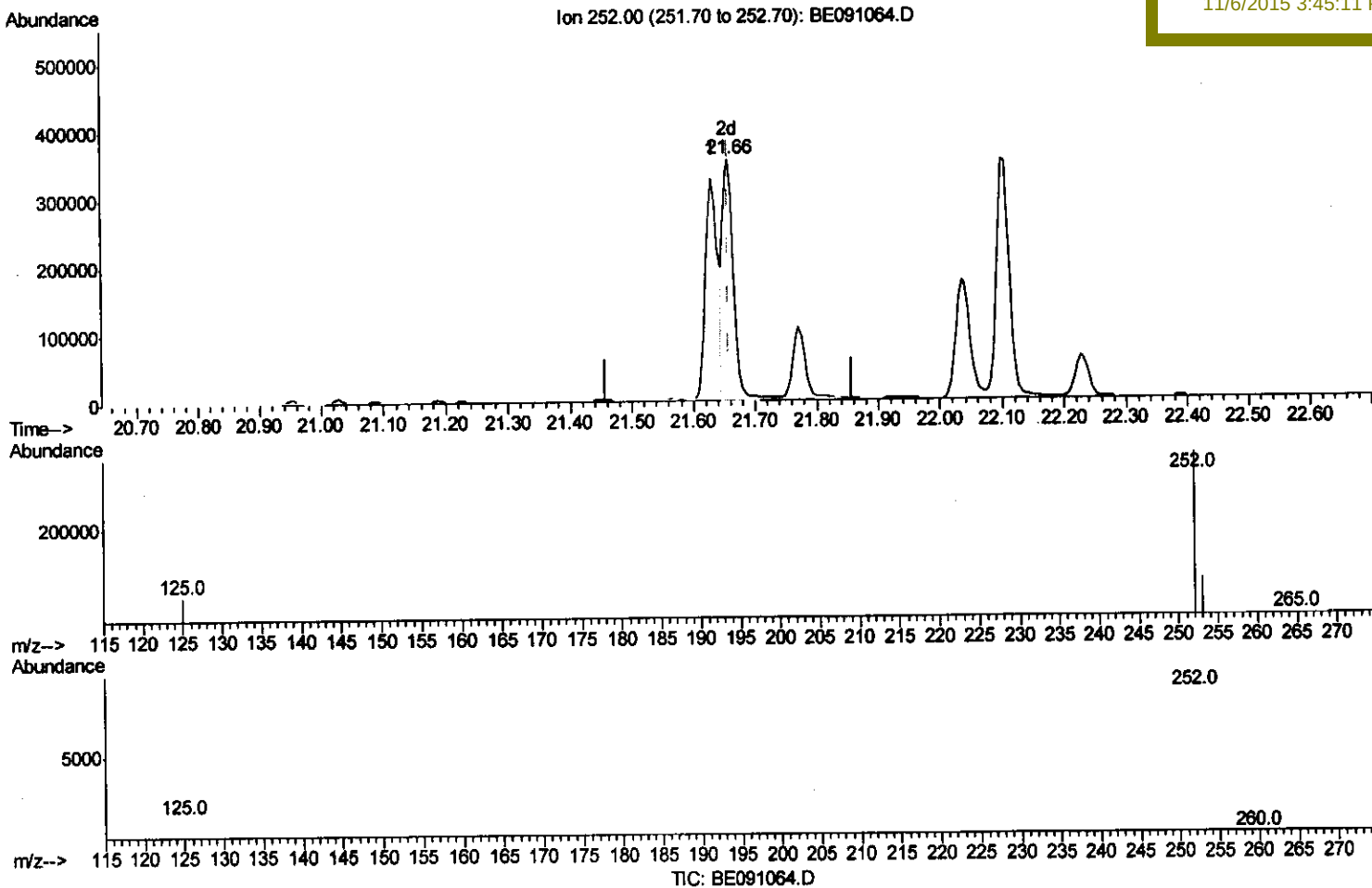
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(24) Benzo(k)fluoranthene
 21.657min (+0.000) 2.46ng/ul m
 response 446743

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	22.90
125.00	15.30	14.55
0.00	0.00	0.00

Unit
 11 106 115

Quantitation Report (Qedit)

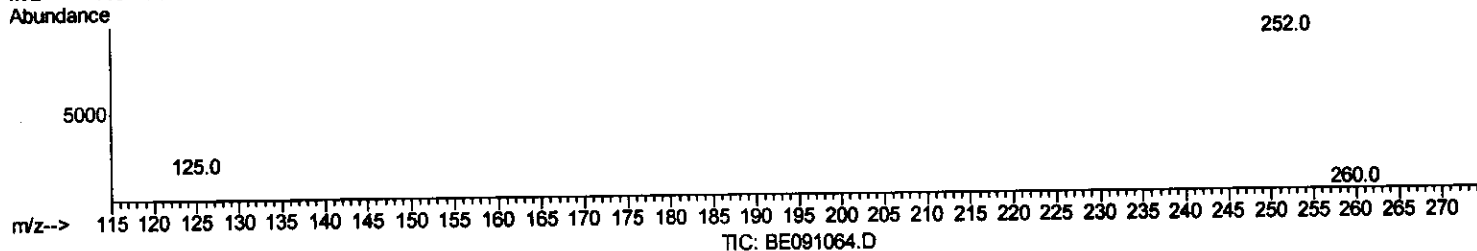
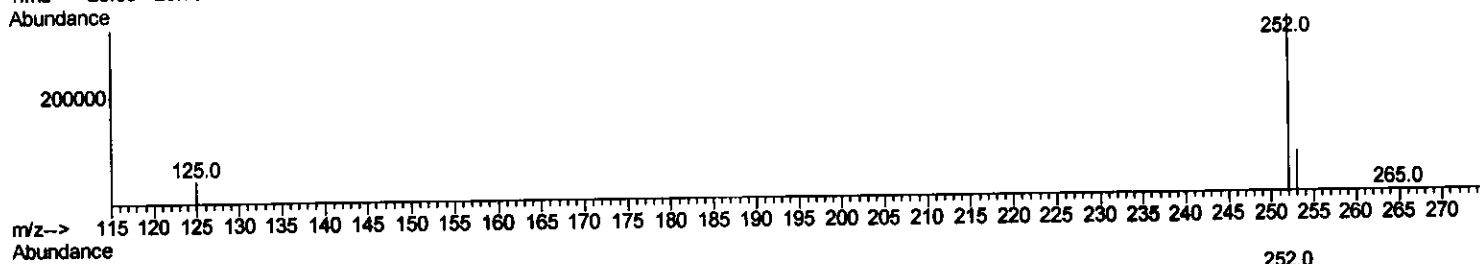
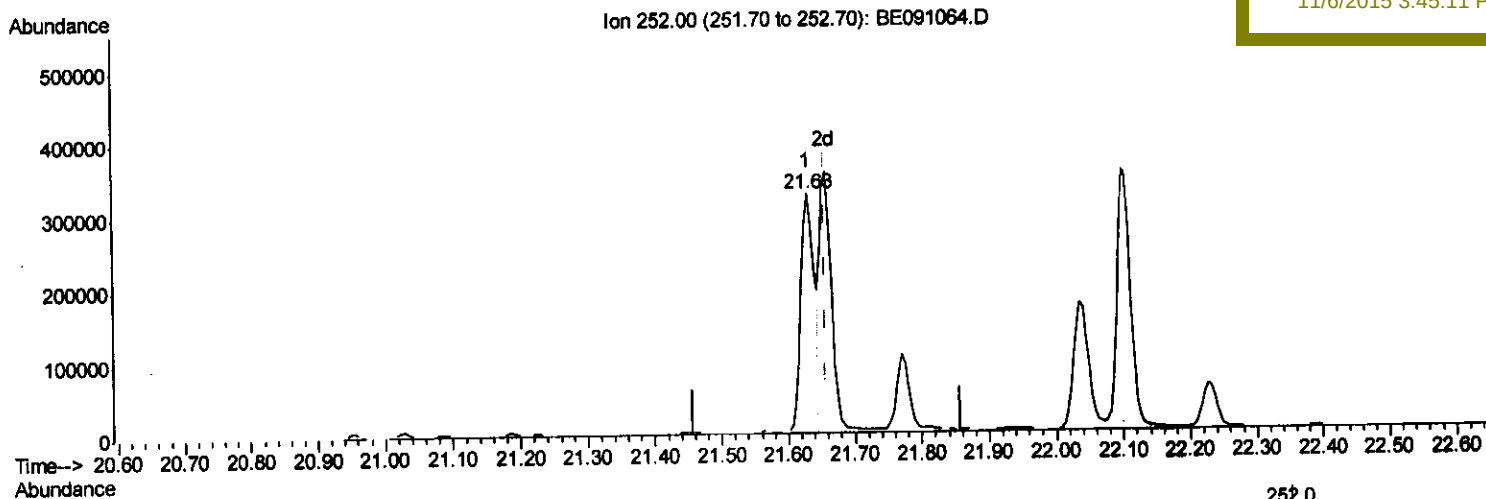
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(24) Benzo(k)fluoranthene

21.630min (-0.027) 2.49ng/ul

response 451178

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	22.49
125.00	15.30	13.06
0.00	0.00	0.00

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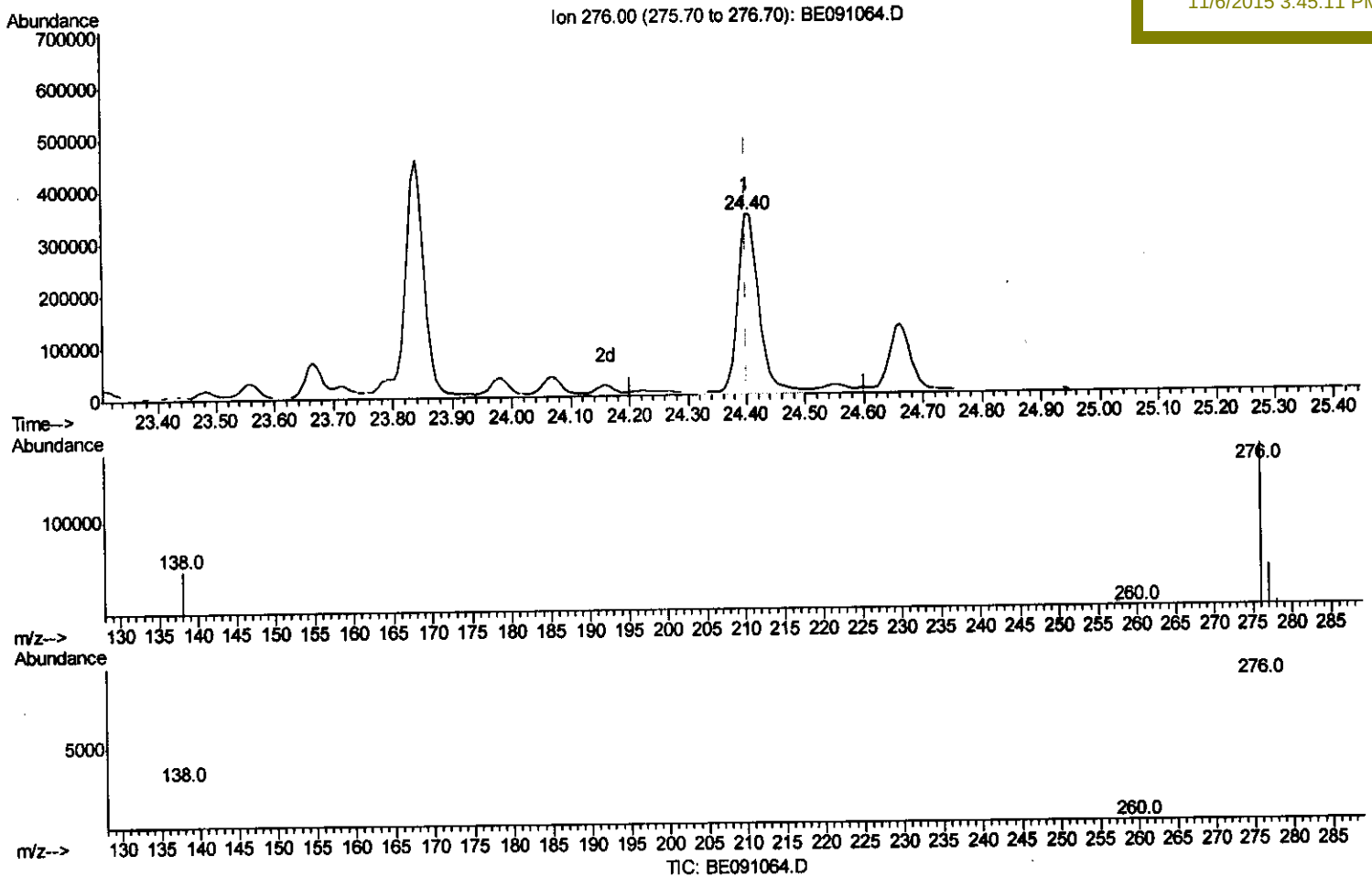
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091064.D
 Acq On : 5 Nov 2015 11:27
 Operator : UM/NP
 Sample : G4273-01
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(28) Benzo(g,h,i)perylene
 24.401min (-0.000) 1.23ng/ul m
 response 888032

Ion	Exp%	Act%
276.00	100	100
277.00	26.60	24.71
138.00	31.90	26.54
0.00	0.00	0.00

Handwritten signature: U.M.
Handwritten numbers: 11 108 115

Quantitation Report (Qedit)

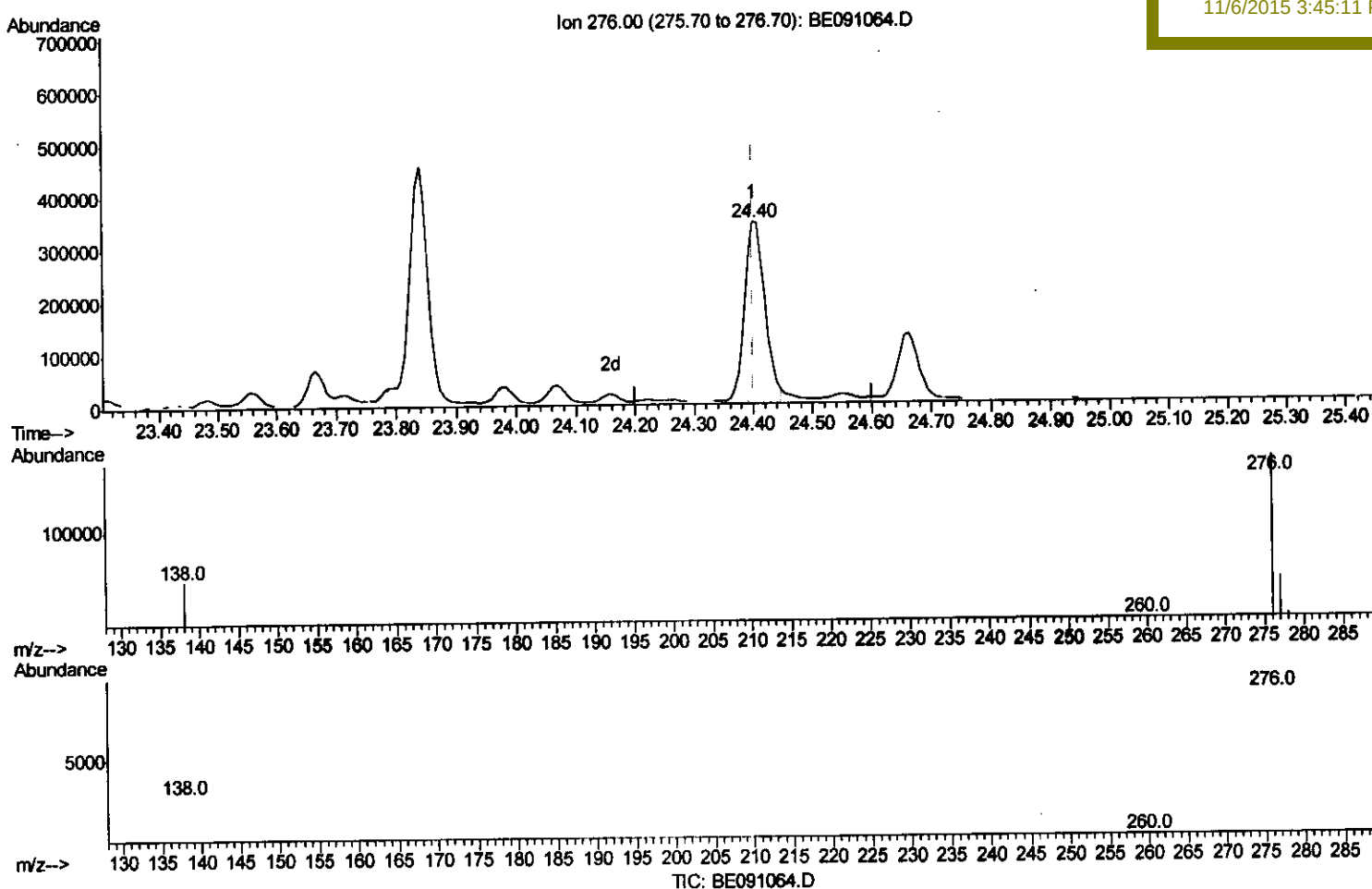
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
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(28) Benzo(g,h,i)perylene

24.401min (-0.000) 1.14ng/ul

response 817788

Ion	Exp%	Act%
276.00	100	100
277.00	26.60	24.71
138.00	31.90	26.54
0.00	0.00	0.00

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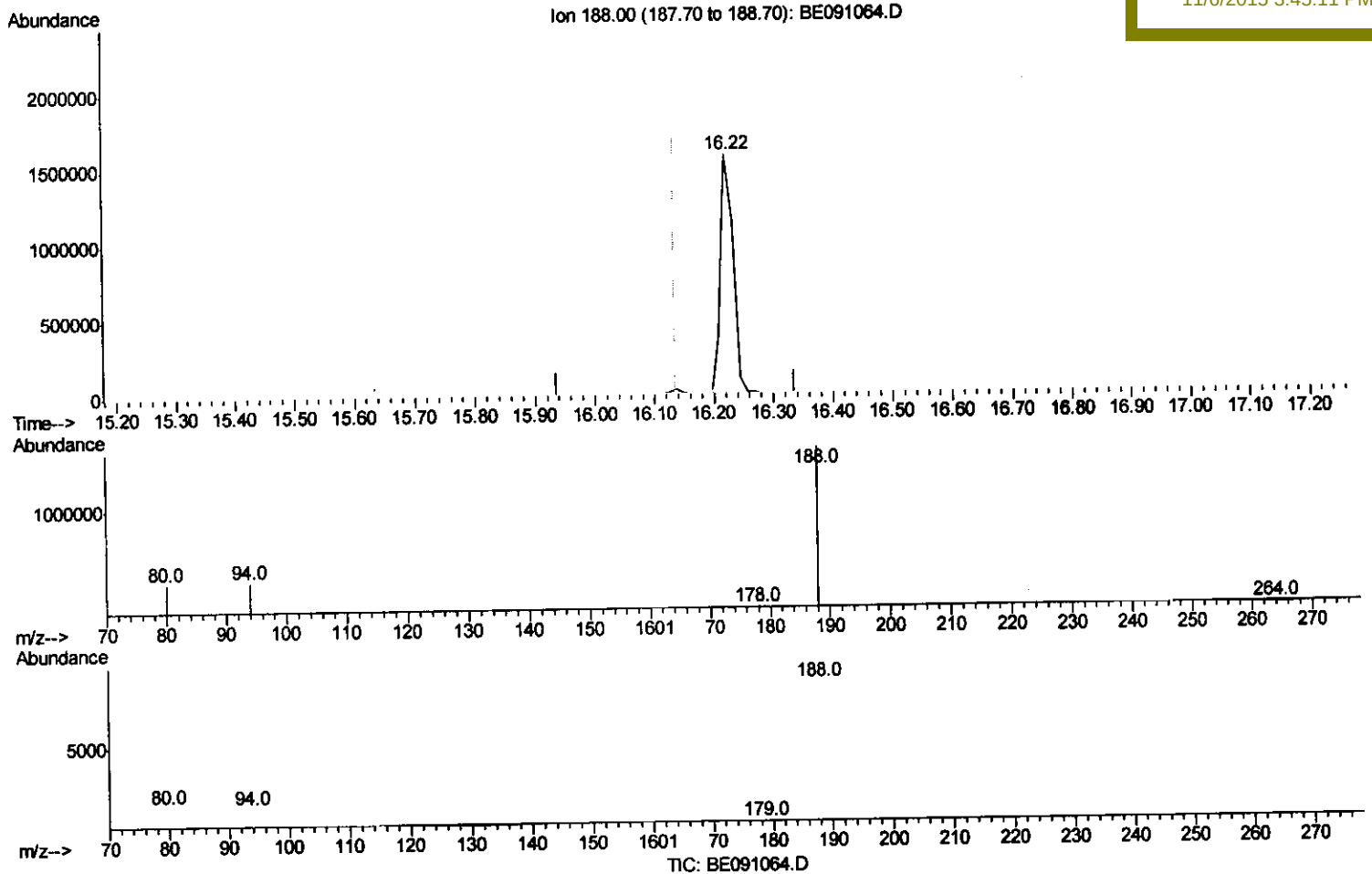
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
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 Sample : G4273-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AN6

Quant Time: Nov 06 05:43:30 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 06 05:41:57 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:45:11 PM



(12) Phenanthrene-d10 (I)

16.221min (+0.085) 0.40ng/ul

response 2330075

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	18.73#
80.00	8.90	17.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

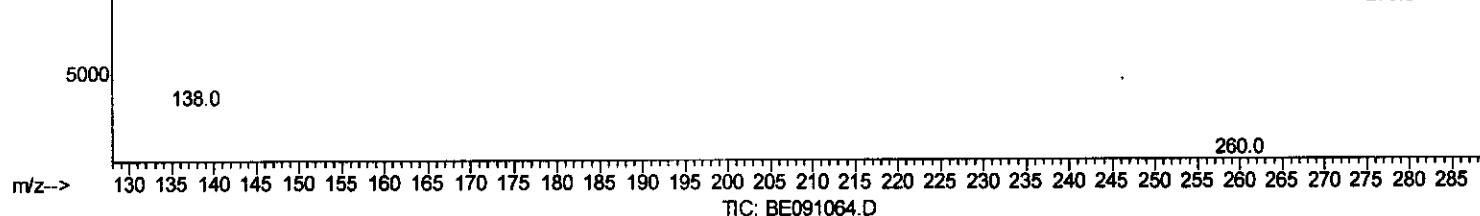
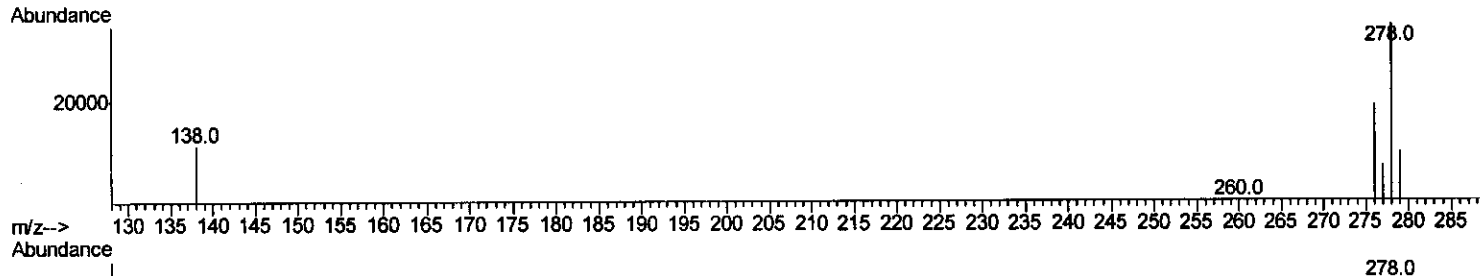
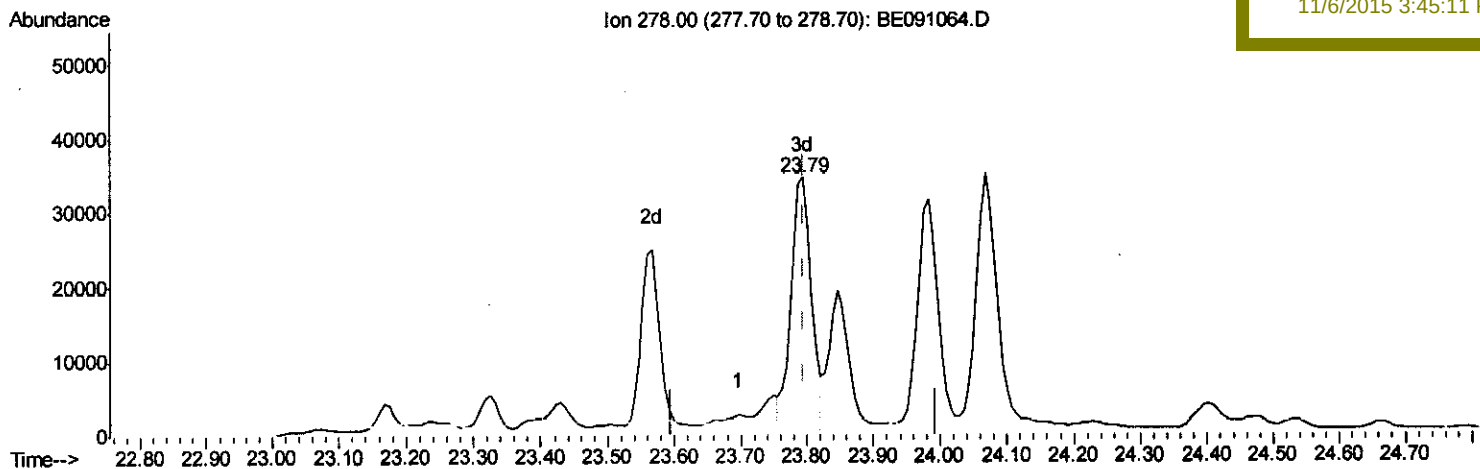
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091064.D
 Acq On : 5 Nov 2015 11:27
 Operator : UM/NP
 Sample : G4273-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COAN6

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:45:11 PM

Quant Time: Nov 06 05:54:38 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 : Fri Nov 06 05:41:57 2015
 Response via : Initial Calibration



(27) Dibenzo(a,h)anthracene

23.795min (-0.000) 0.45ng/ul m

response 73246

Ion	Exp%	Act%
278.00	100	100
139.00	27.10	0.00#
279.00	27.40	27.63
0.00	0.00	0.00

UM
 11/06/15

Quantitation Report (Qedit)

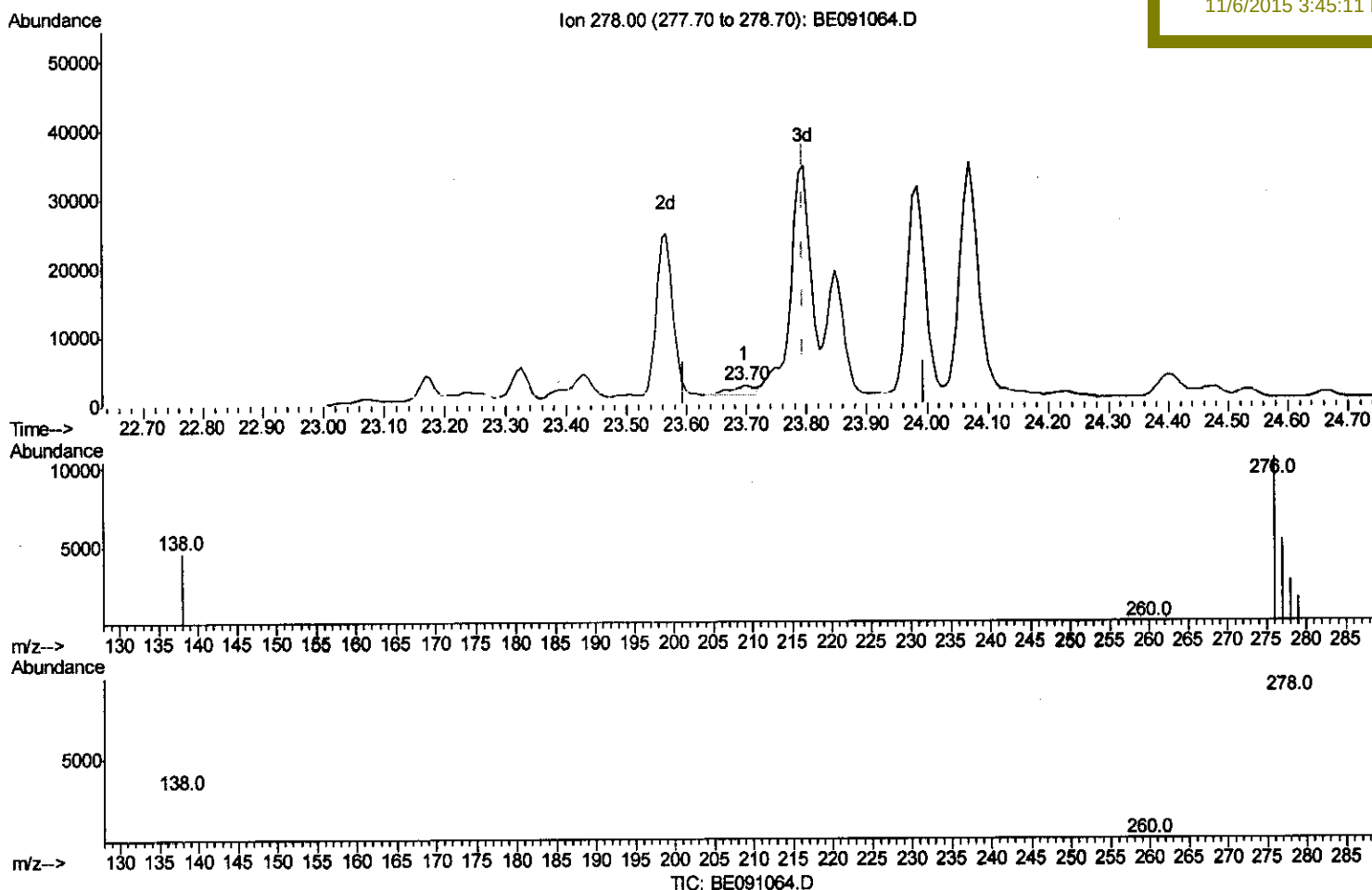
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091064.D
 Acq On : 5 Nov 2015 11:27
 Operator : UM/NP
 Sample : G4273-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COAN6

Quant Time: Nov 06 05:54:38 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 : Fri Nov 06 05:41:57 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:45:11 PM



(27) Dibenzo(a,h)anthracene

23.697min (-0.098) 0.03ng/ul

response 4248

Ion	Exp%	Act%
278.00	100	100
139.00	27.10	0.00#
279.00	27.40	60.50#
0.00	0.00	0.00