

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091076.D
 Acq On : 5 Nov 2015 21:30
 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP8

Quant Time: Nov 06 06:47:35 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 06:42:08 2015
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	3579	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	20300	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	12056	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	28998m	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	31604	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	39008m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	12532	4.87	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.08	152	4953	0.18	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	14520	0.18	ng/ul	0.00
Target Compounds						Ovalue
5) Naphthalene	9.61	128	26683	0.53	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	55772	1.71	ng/ul	98
9) Acenaphthylene	13.15	152	16821	0.28	ng/ul	99
10) Acenaphthene	13.46	153	158750	3.85	ng/ul	92
11) Fluorene	14.45	166	187134	3.53	ng/ul	93
14) Phenanthrene	16.17	178	3363378m	10.04	ng/ul	
15) Anthracene	16.25	178	1179595	3.87	ng/ul	98
17) Fluoranthene	18.15	202	2873156m	7.33	ng/ul	
19) Pyrene	18.54	202	2053474	5.72	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	220499	2.72	ng/ul	97
21) Chrysene	20.32	228	198770	2.13	ng/ul	99
23) Benzo(b)fluoranthene	21.62	252	131630	1.08	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	147864m	1.18	ng/ul	
25) Benzo(a)pyrene	22.10	252	156184m	1.39	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.83	276	322242m	0.68	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	24832m	0.22	ng/ul	
28) Benzo(a,h,i)perylene	24.40	276	284365m	0.57	ng/ul	

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

Quantitation Report (Qedit)

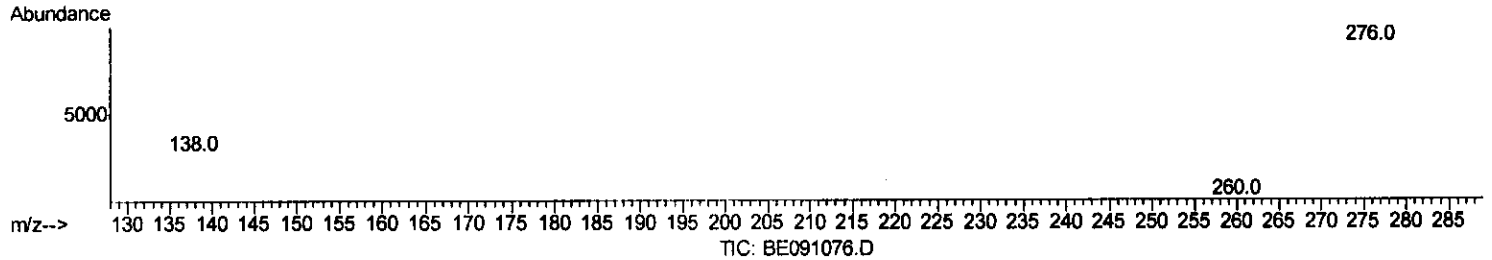
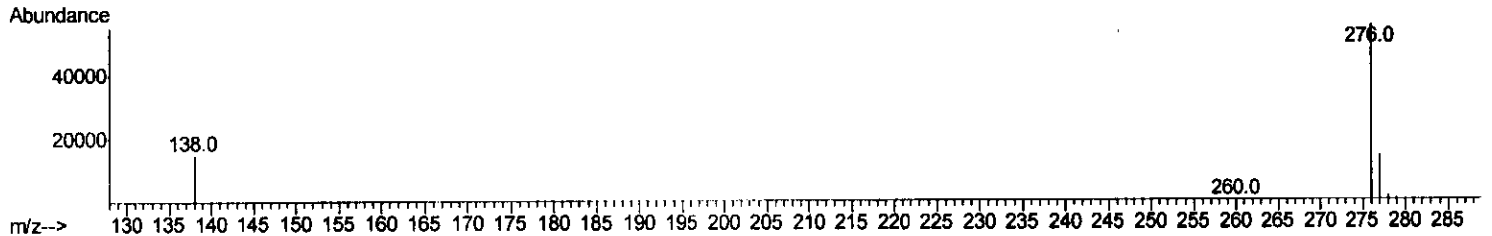
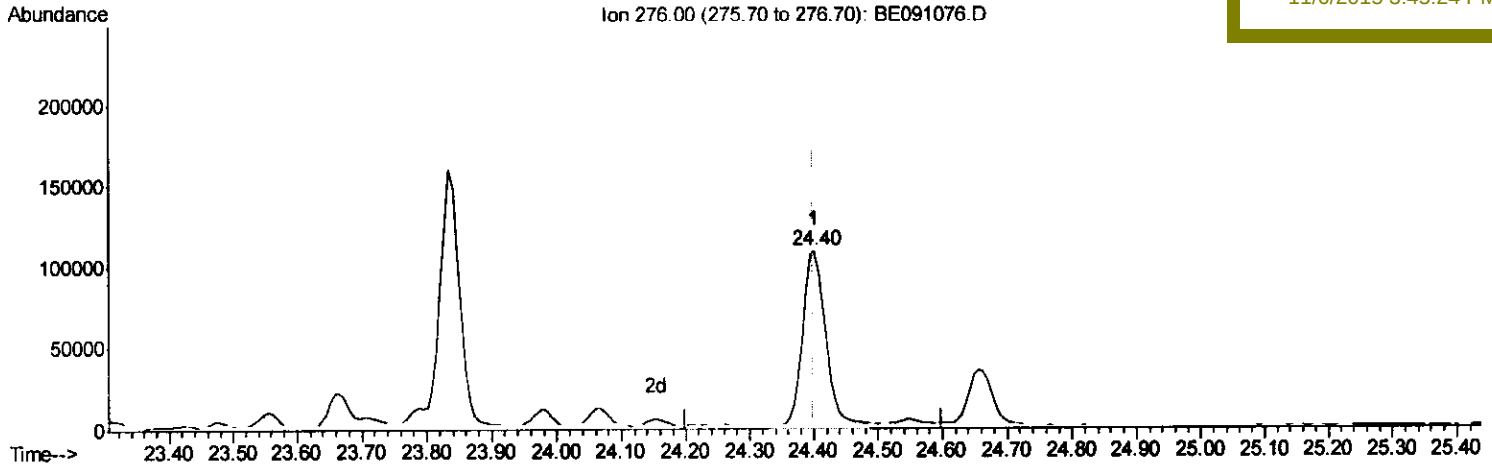
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091076.D
 Acq On : 5 Nov 2015 21:30
 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 COAP8

Quant Time: Nov 06 06:45:45 2015
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Manual Integrations
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(28) Benzo(g,h,i)perylene
 24.401min (+0.002) 0.57ng/ul m
 response 284365

Ion	Exp%	Act%
276.00	100	100
277.00	26.60	25.39
138.00	31.90	27.33
0.00	0.00	0.00

U.M.
 11/06/15

Quantitation Report (Qedit)

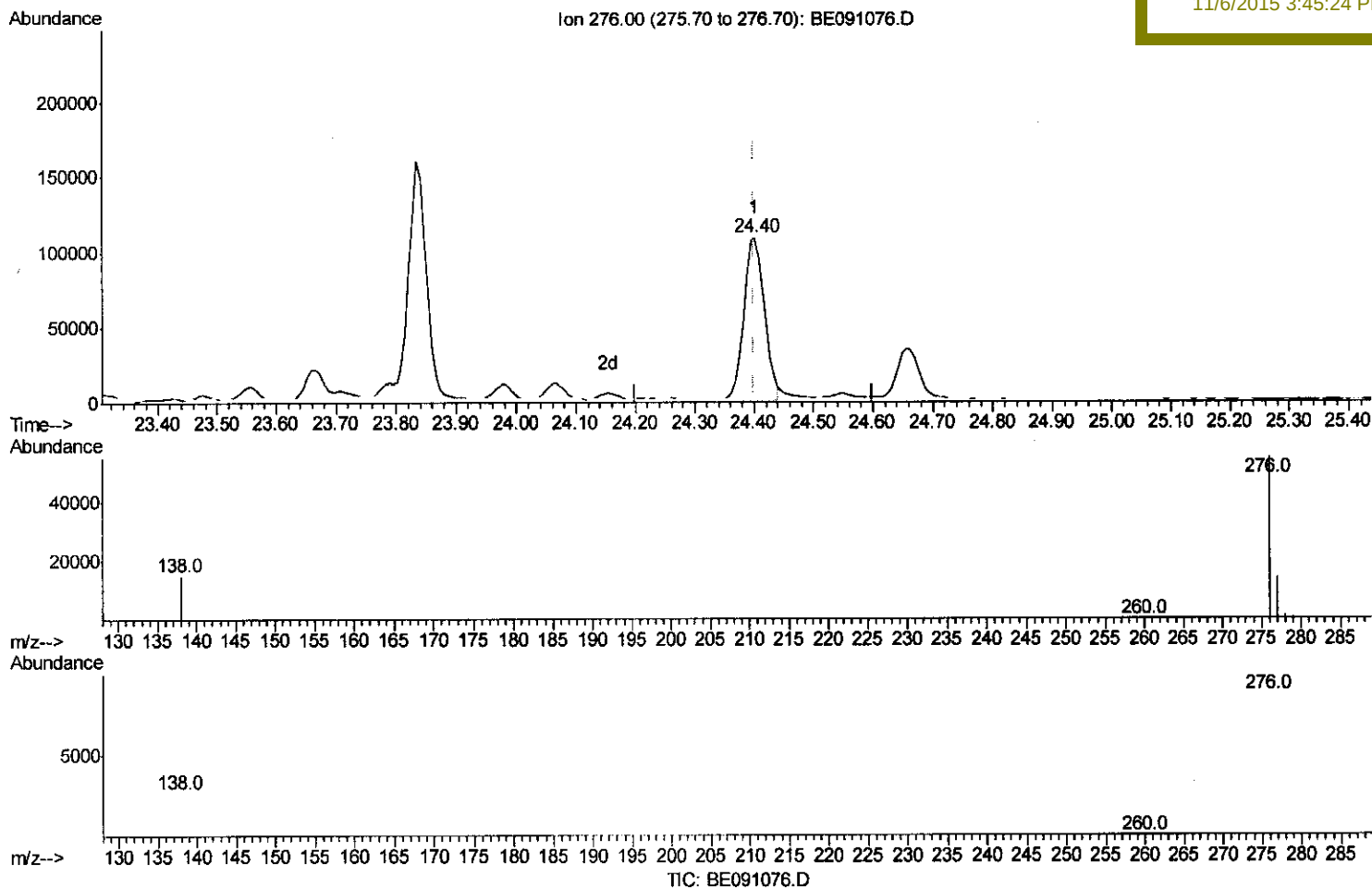
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091076.D
 Acq On : 5 Nov 2015 21:30
 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP8

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Manual Integrations
 APPROVED

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(28) Benzo(g,h,i)perylene

24.401min (+0.002) 0.52ng/ul

response 259660

Ion	Exp%	Act%
276.00	100	100
277.00	26.60	25.39
138.00	31.90	27.33
0.00	0.00	0.00

Quantitation Report (Qedit)

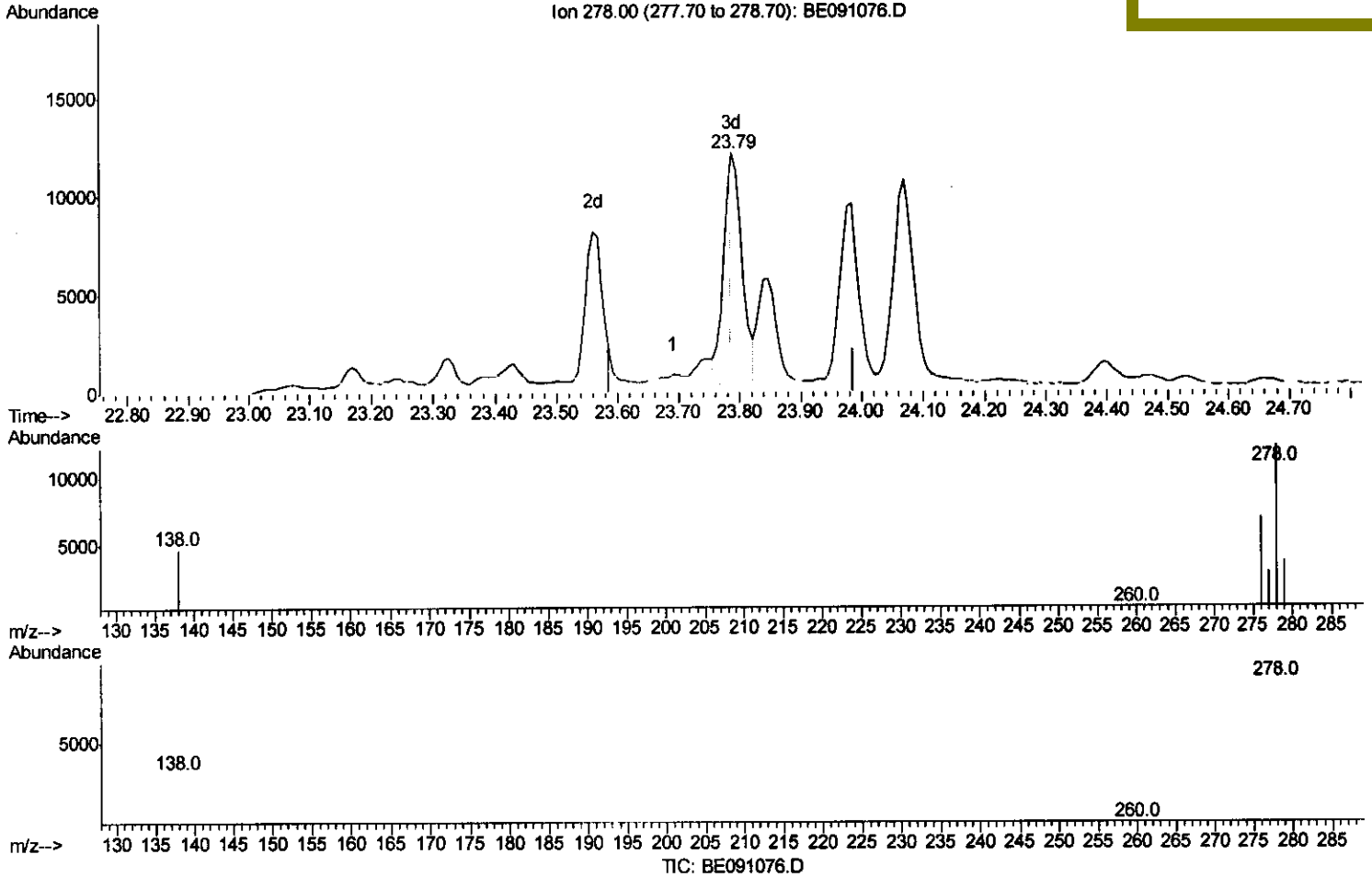
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091076.D
 Acq On : 5 Nov 2015 21:30
 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AP8

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(27) Dibenzo(a,h)anthracene

23.788min (+0.002) 0.22ng/ul m

response 24832

Ion	Exp%	Act%
278.00	100	100
139.00	27.10	0.00#
279.00	27.40	29.33
0.00	0.00	0.00

U.21
 11/106/115

Quantitation Report (Qedit)

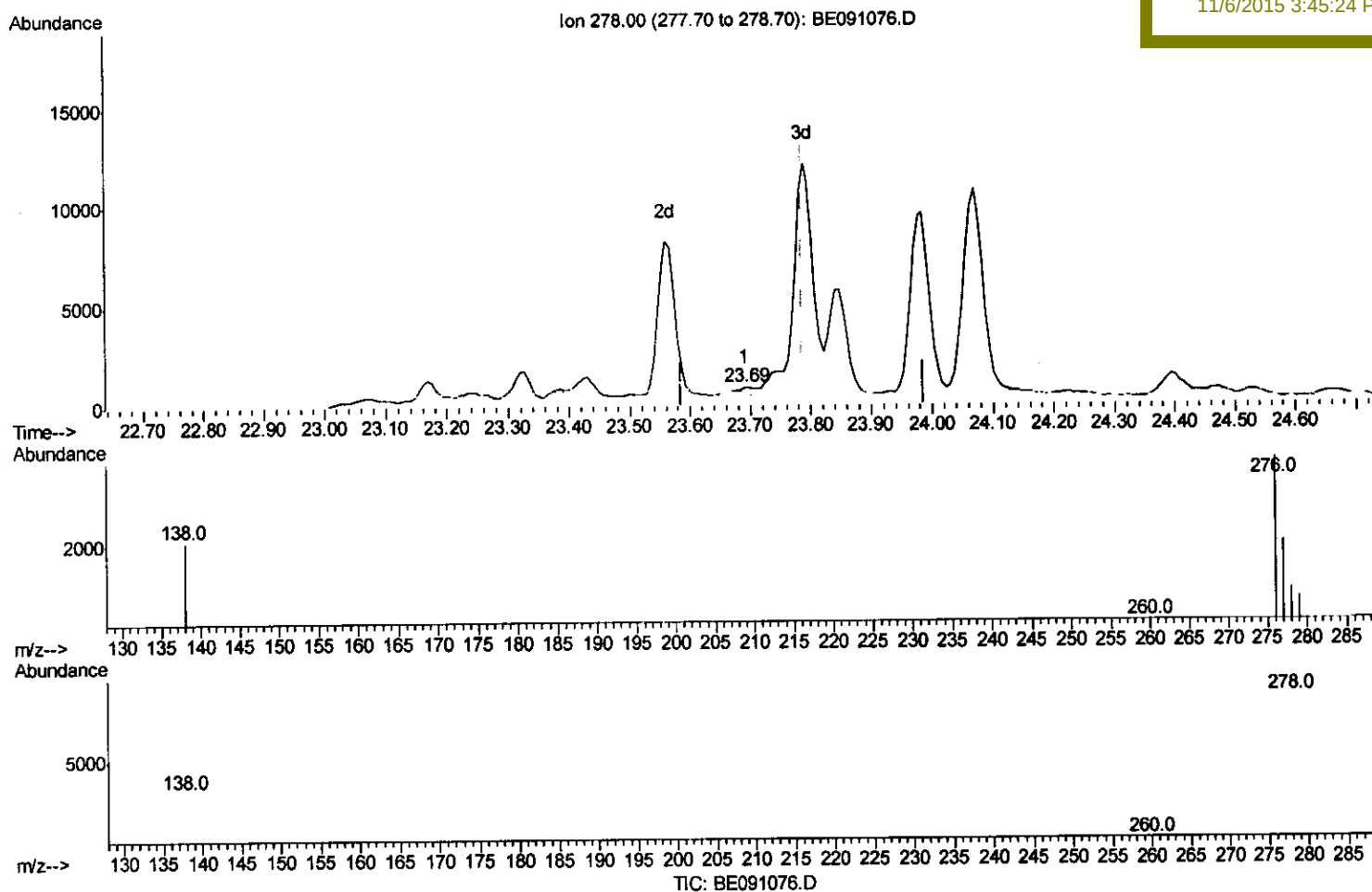
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091076.D
Acq On : 5 Nov 2015 21:30
Operator : UM/NP
Sample : G4273-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AP8

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Manual Integrations
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(27) Dibenzo(a,h)anthracene

23.690min (-0.096) 0.01ng/ul

response 1048

Ion	Exp%	Act%
278.00	100	100
139.00	27.10	0.00#
279.00	27.40	77.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

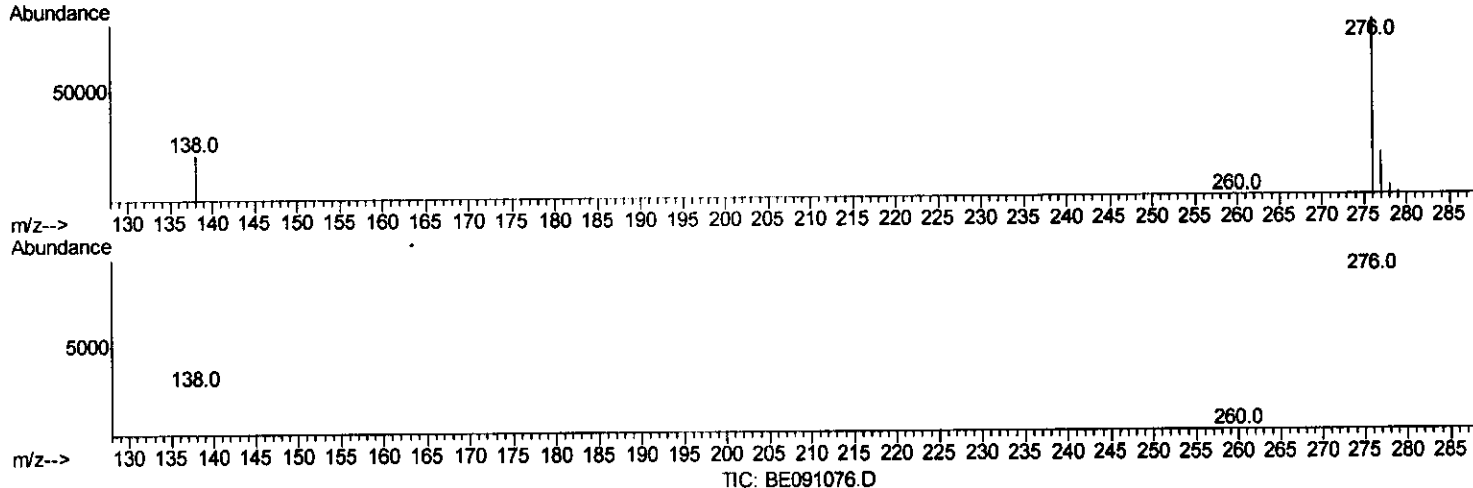
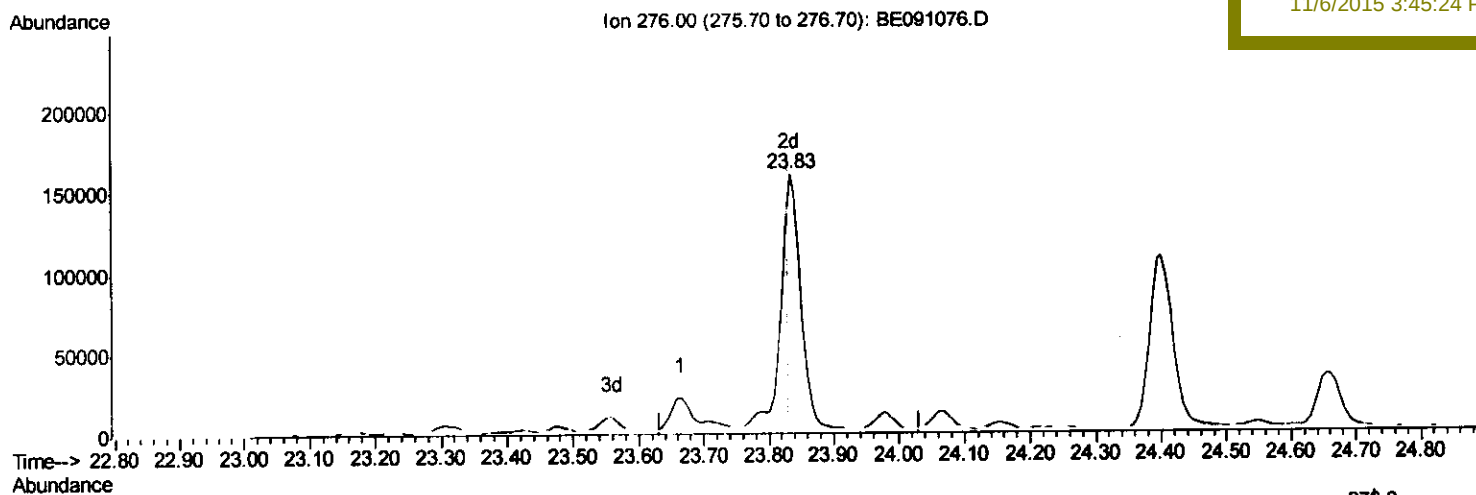
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091076.D
Acq On : 5 Nov 2015 21:30
Operator : UM/NP
Sample : G4273-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AP8

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

23.834min (+0.002) 0.68ng/ul m

response 322242

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	4.91#
277.00	24.10	5.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

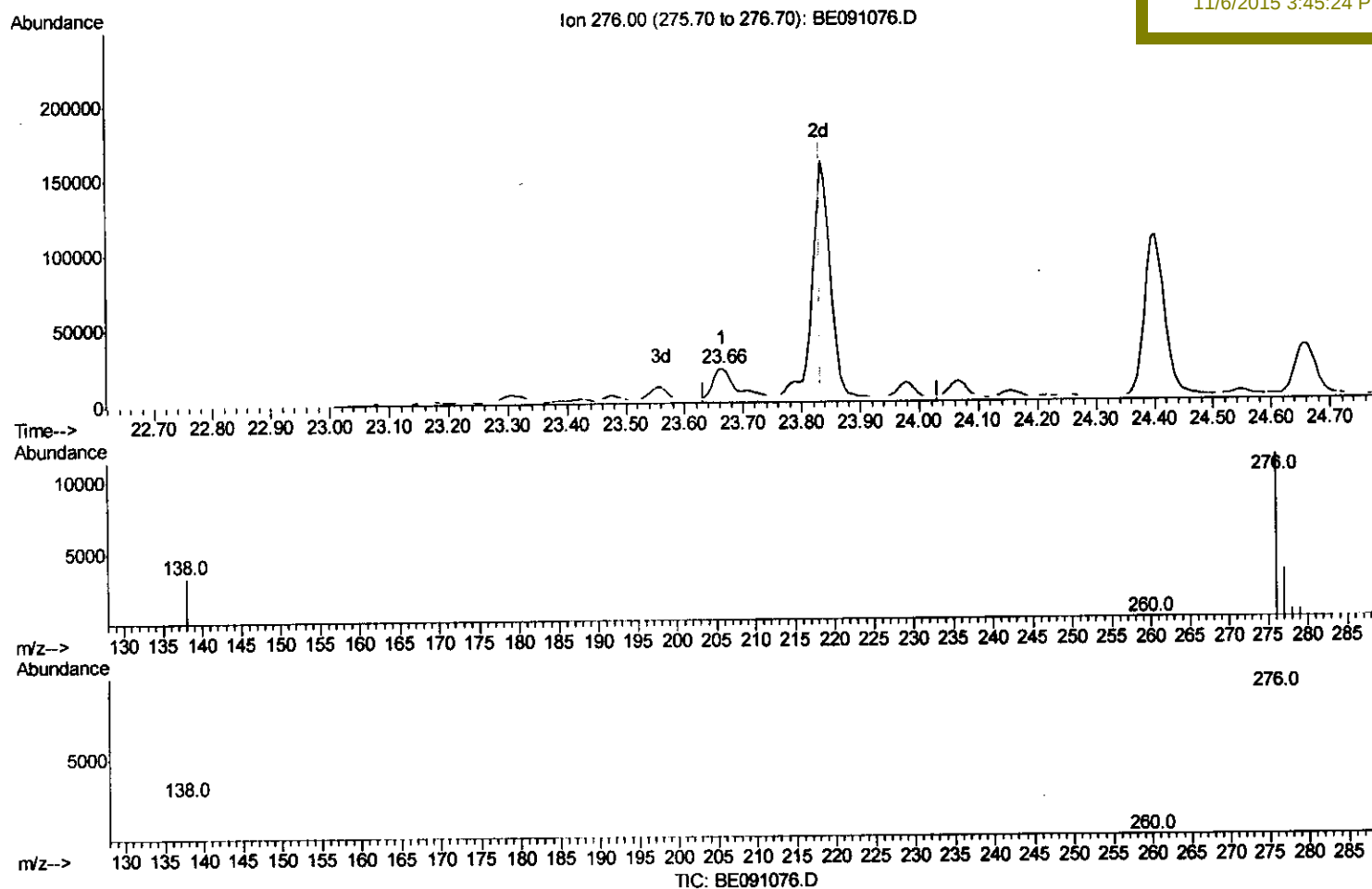
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091076.D
Acq On : 5 Nov 2015 21:30
Operator : UM/NP
Sample : G4273-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
COAP8

Quant Time: Nov 06 06:45:45 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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Manual Integrations
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11/6/2015 3:45:24 PM



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

23.664min (-0.168) 0.13ng/ul

response 62848

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	25.18#
277.00	24.10	26.76
0.00	0.00	0.00

Quantitation Report (Qedit)

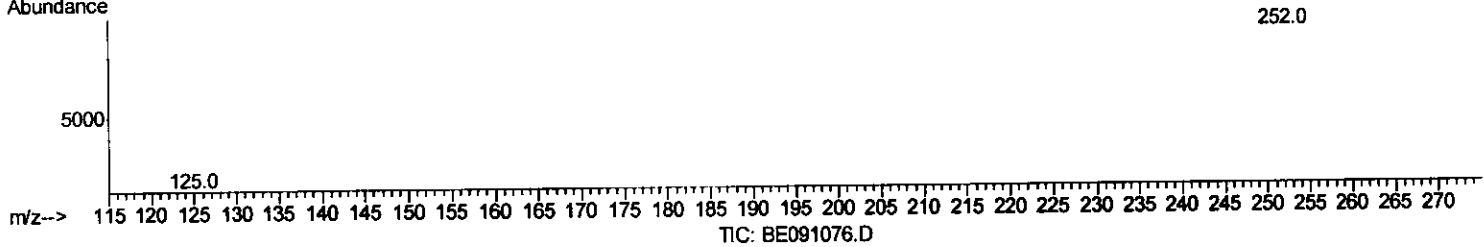
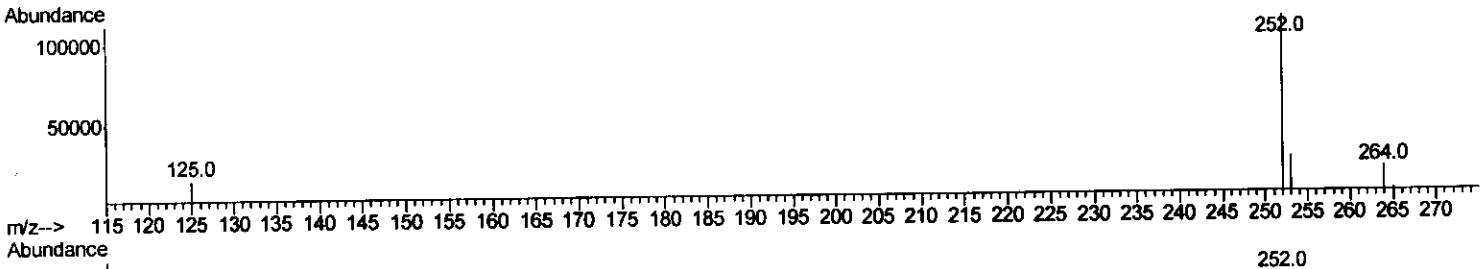
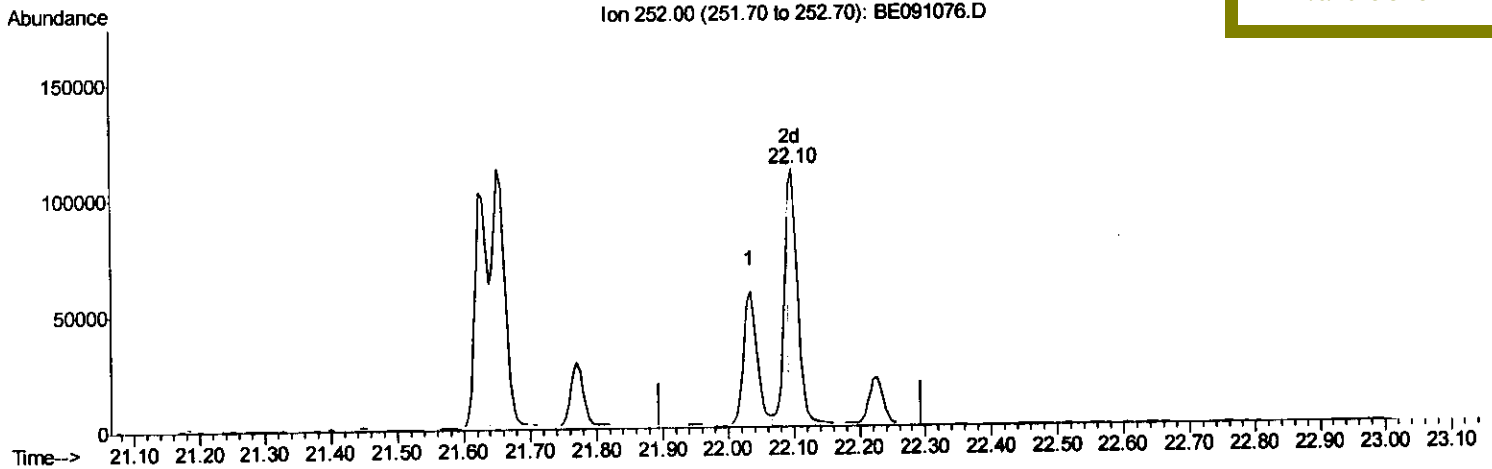
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091076.D
 Acq On : 5 Nov 2015 21:30
 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP8

Quant Time: Nov 06 06:45:45 2015
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Manual Integrations
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(25) Benzo(a)pyrene (C)
 22.099min (+0.004) 1.39ng/ul m
 response 156184

Ion	Exp%	Act%
252.00	100	100
253.00	27.30	22.63
125.00	18.10	14.71
0.00	0.00	0.00

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Quantitation Report (Qedit)

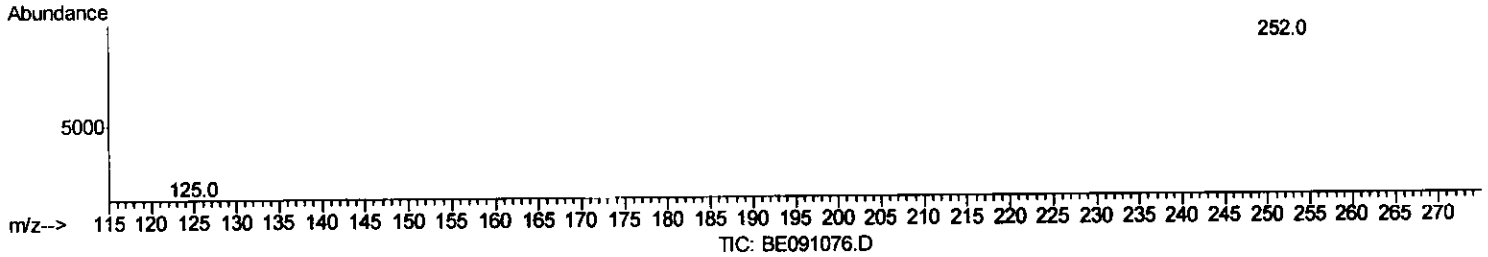
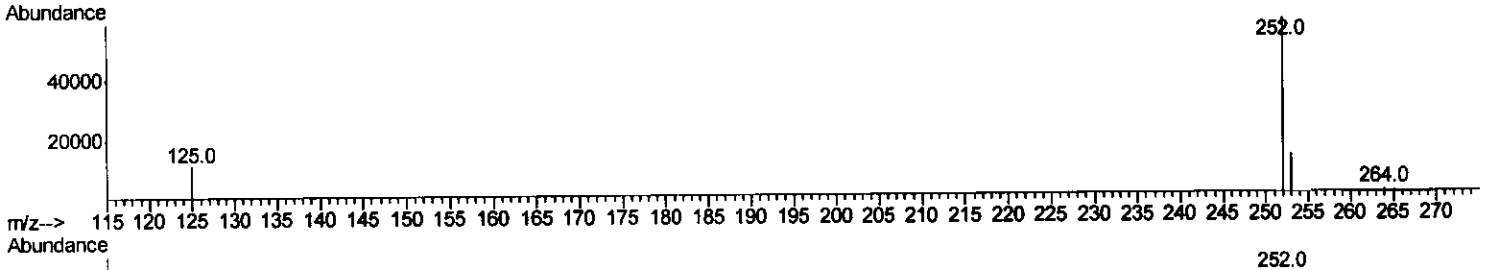
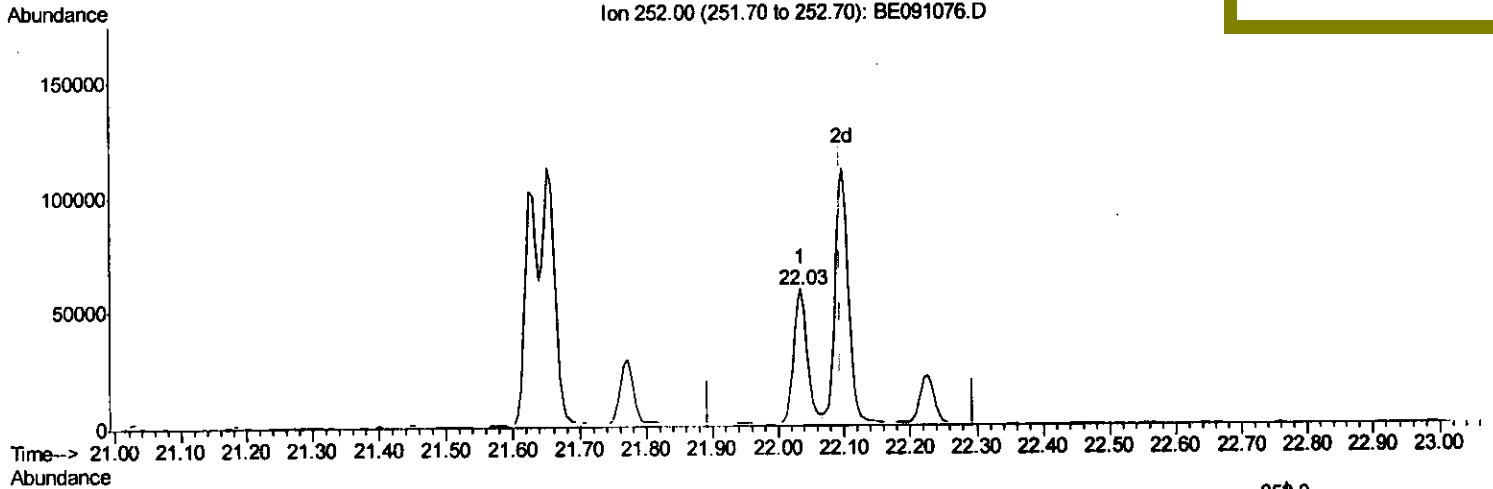
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091076.D
 Acq On : 5 Nov 2015 21:30
 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP8

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Manual Integrations
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 11/6/2015 3:45:24 PM



(25) Benzo(a)pyrene (C)
 22.035min (-0.060) 0.77ng/ul
 response 85908

Ion	Exp%	Act%
252.00	100	100
253.00	27.30	23.04
125.00	18.10	19.44
0.00	0.00	0.00

Quantitation Report (Qedit)

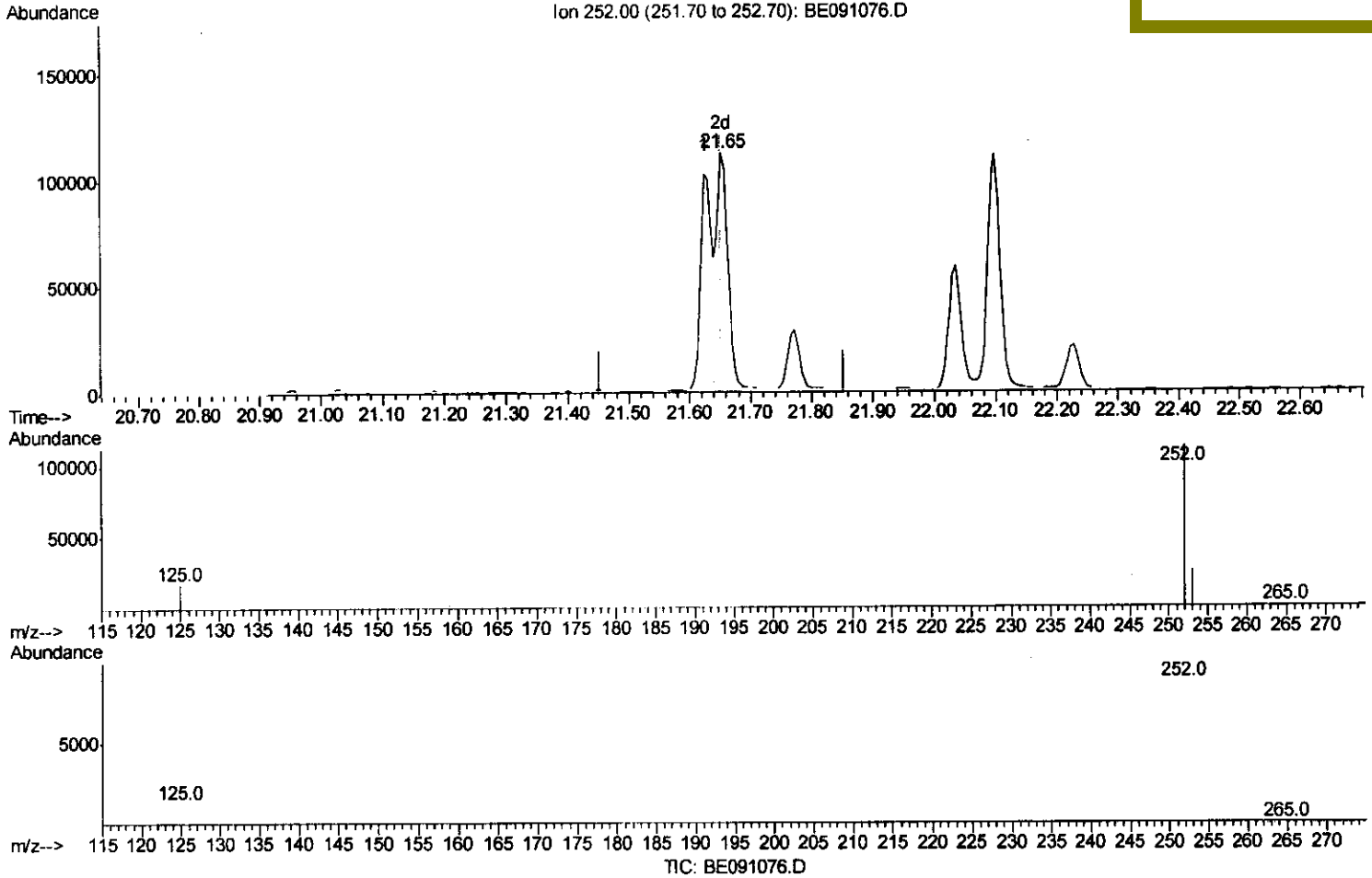
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091076.D
 Acq On : 5 Nov 2015 21:30
 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP8

Quant Time: Nov 06 06:45:45 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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Manual Integrations
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 11/6/2015 3:45:24 PM



(24) Benzo(k)fluoranthene
 21.652min (-0.001) 1.18ng/ul m
 response 147864

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	22.54
125.00	15.30	15.39
0.00	0.00	0.00

U.M
 11/06/15

Quantitation Report (Qedit)

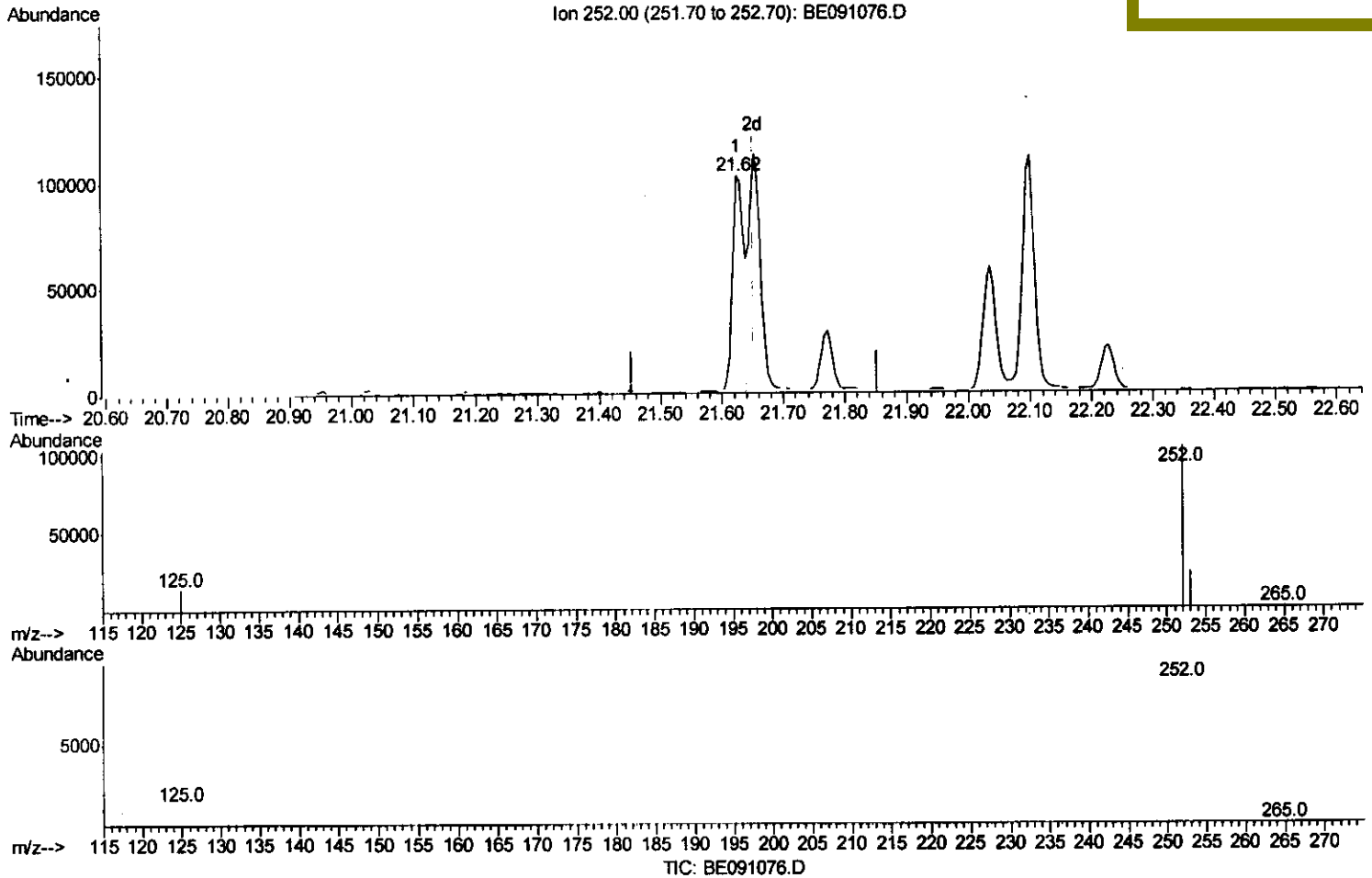
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091076.D
 Acq On : 5 Nov 2015 21:30
 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AP8

Quant Time: Nov 06 06:45:45 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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Manual Integrations
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(24) Benzo(k)fluoranthene

21.625min (-0.028) 1.05ng/ul

response 131630

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	22.49
125.00	15.30	13.60
0.00	0.00	0.00

Quantitation Report (Qedit)

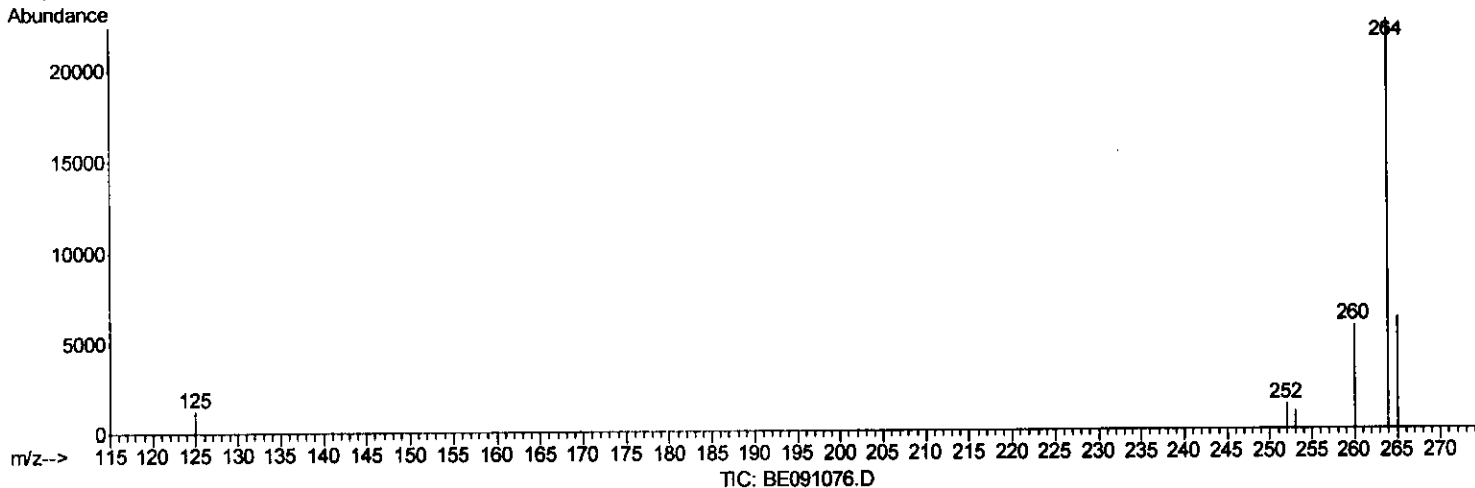
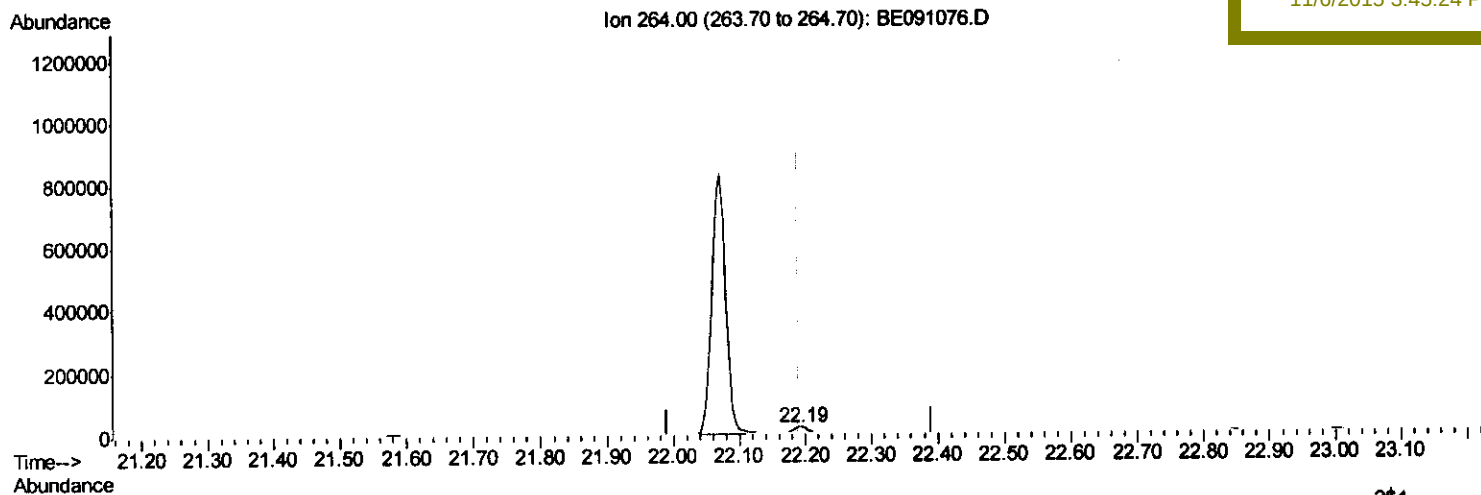
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 Data File : BE091076.D
 Acq On : 5 Nov 2015 21:30
 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(22) Perylene-d12 (I)

22.194min (+0.004) 0.40ng/ul m

response 39008

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	25.43
265.00	34.70	27.45#
0.00	0.00	0.00

U.21
11/106/115

Quantitation Report (Qedit)

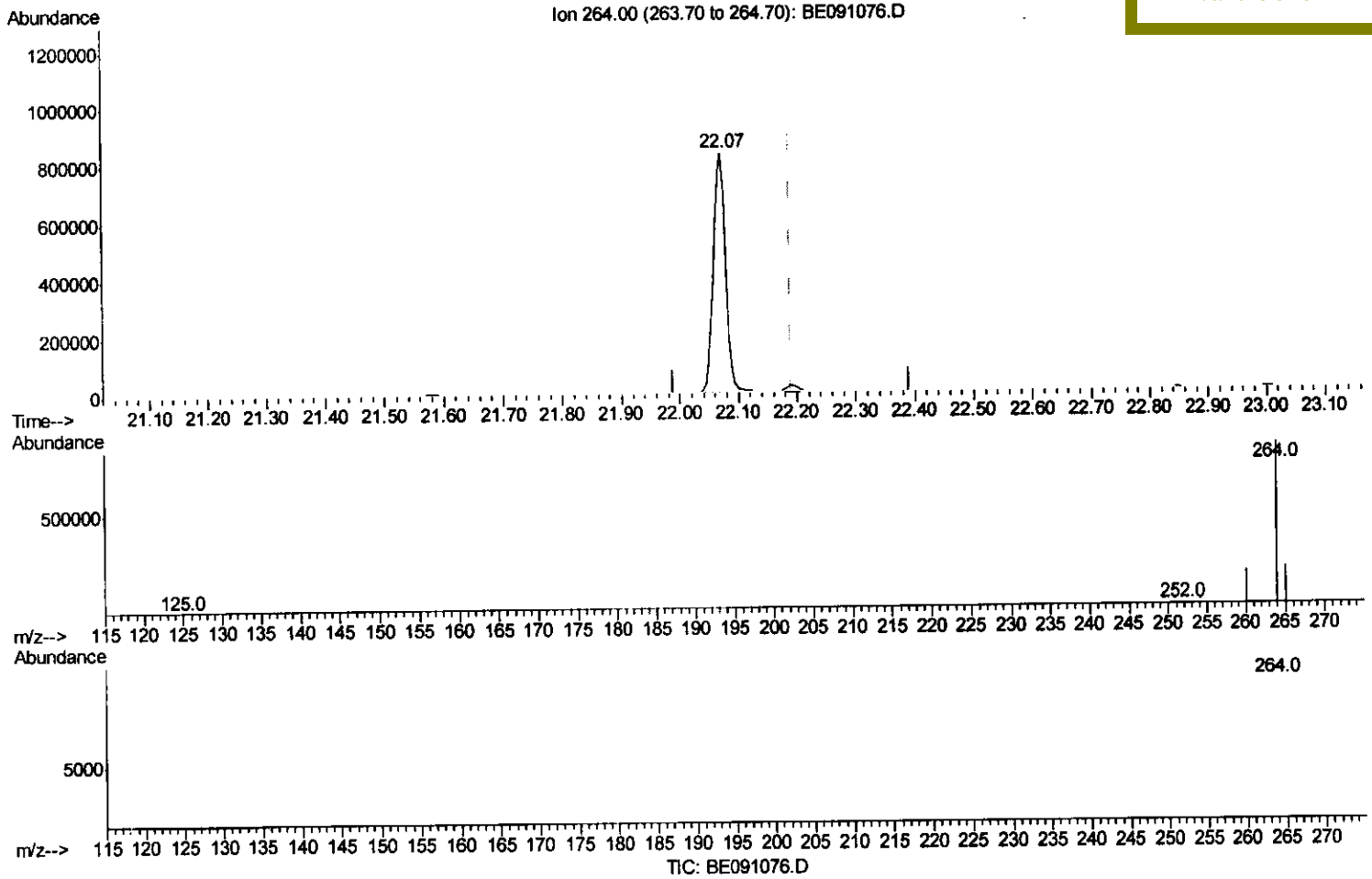
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 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 06 06:44:40 2015
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Manual Integrations
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 11/6/2015 3:45:24 PM



(22) Perylene-d12 (I)

22.071min (-0.119) 0.40ng/ul

response 1221255

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	21.11#
265.00	34.70	22.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

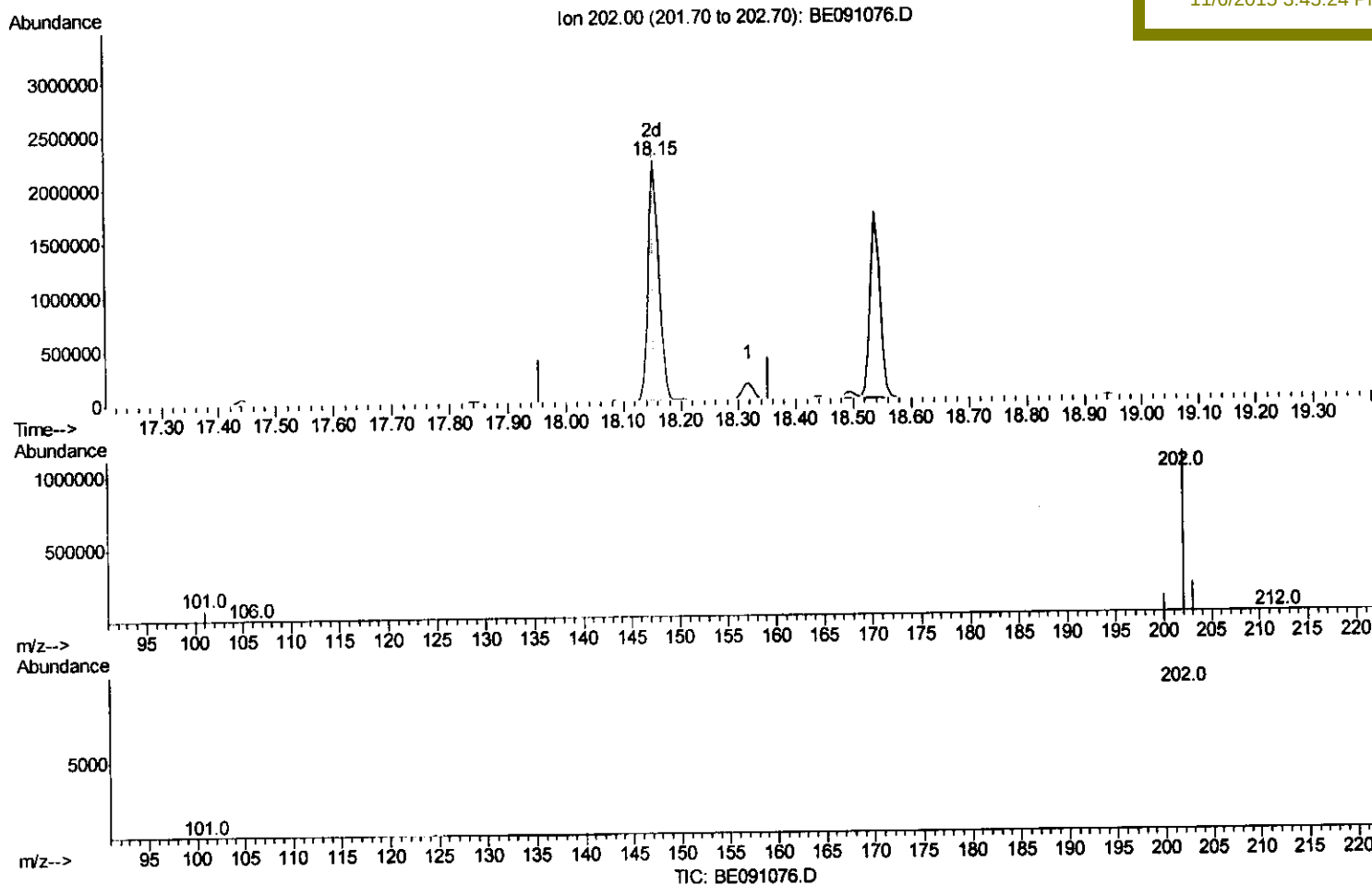
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
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Manual Integrations
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(17) Fluoranthene (C)

18.155min (+0.001) 7.33ng/ul m

response 2873156

Ion	Exp%	Act%
202.00	100	100
101.00	13.10	6.66
203.00	17.20	17.82
0.00	0.00	0.00

U.M.
 11/06/15

Quantitation Report (Qedit)

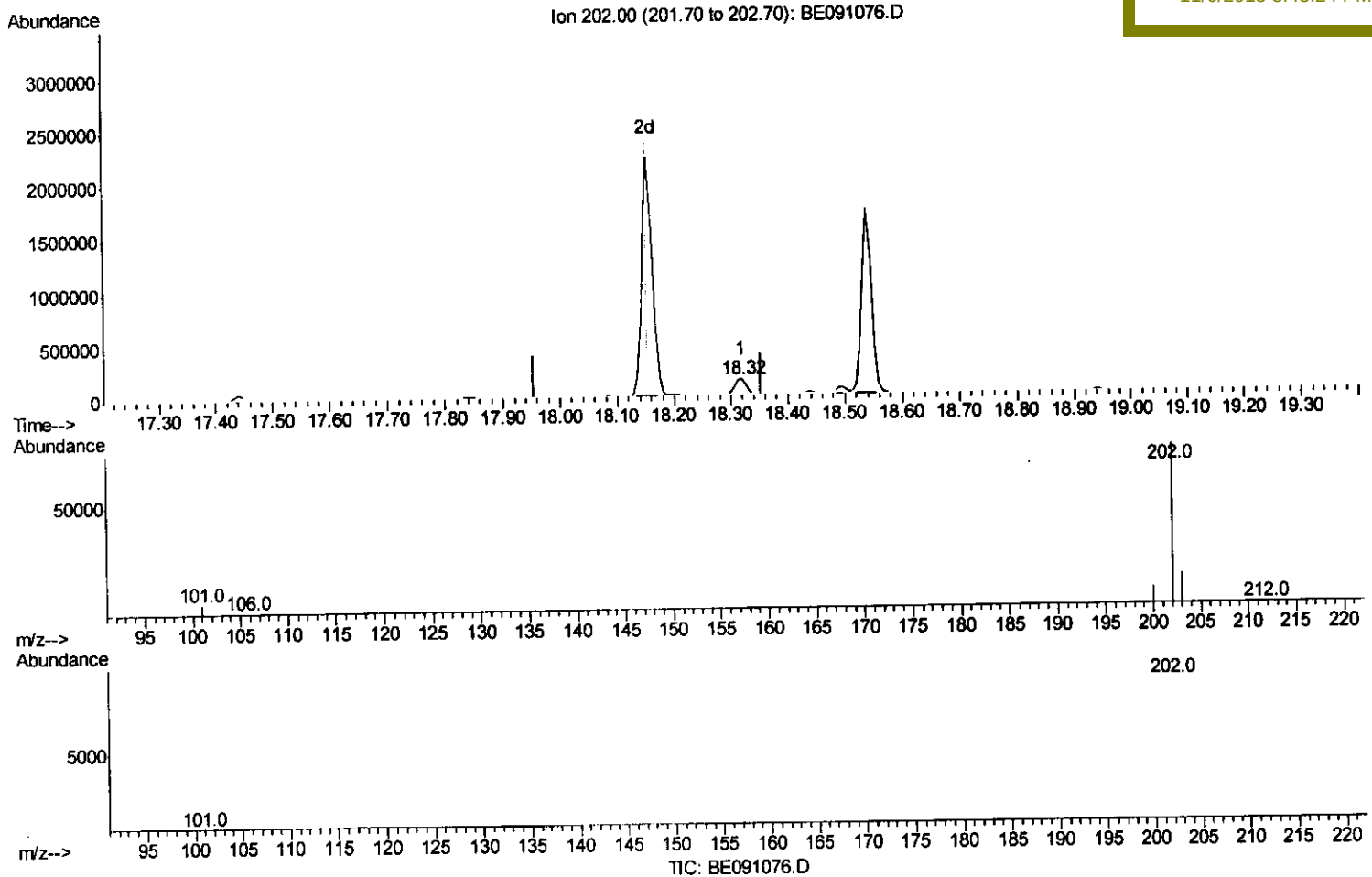
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091076.D
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Instrument :
 BNA_E
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 C0AP8

Manual Integrations
 APPROVED

Mmdadoda
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(17) Fluoranthene (C)

18.318min (+0.164) 0.51ng/ul

response 199592

Ion	Exp%	Act%
202.00	100	100
101.00	13.10	3.09
203.00	17.20	18.57
0.00	0.00	0.00

Quantitation Report (Qedit)

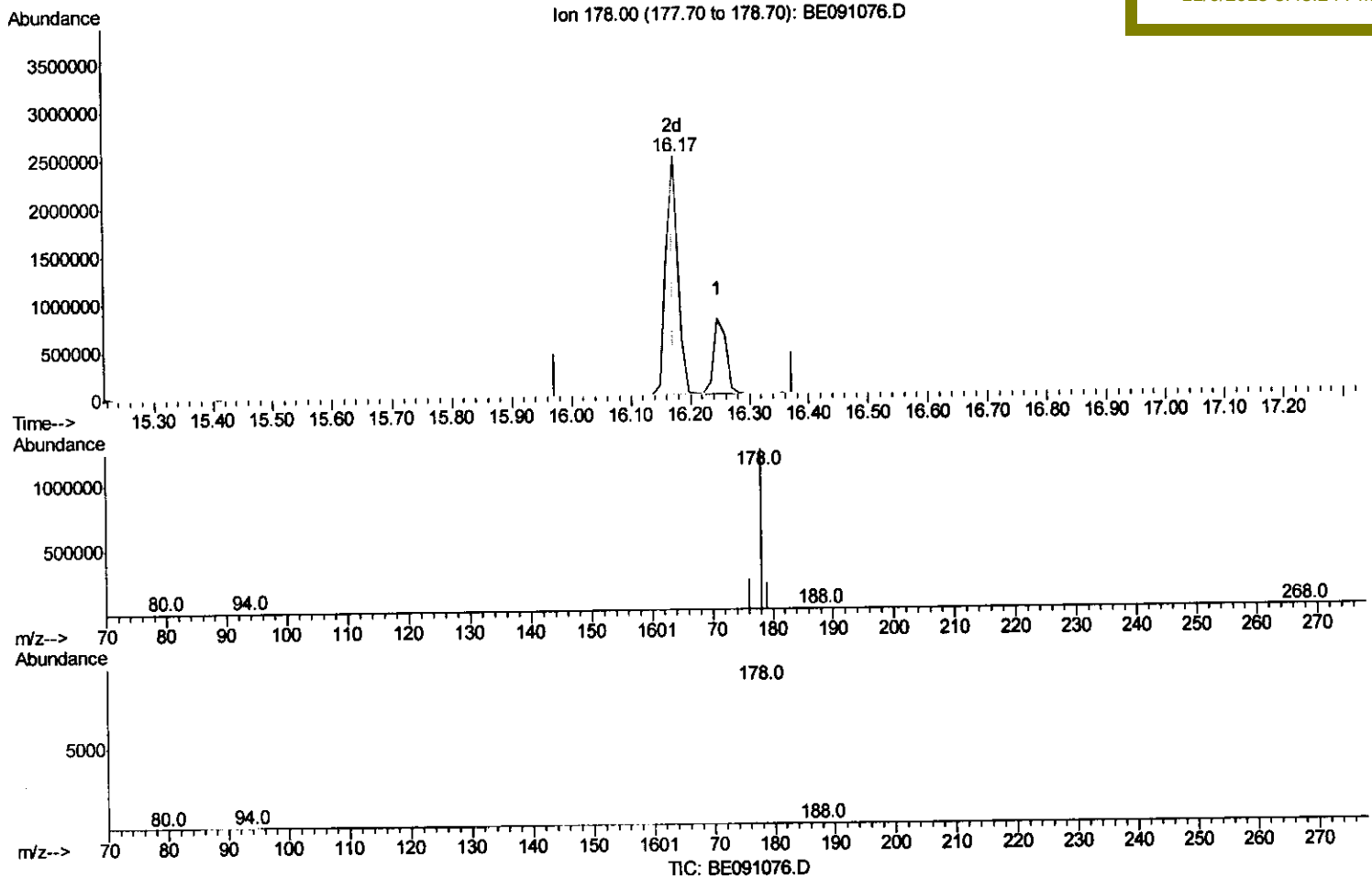
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091076.D
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Instrument :
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 QLast Update : Fri Nov 06 06:42:08 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:45:24 PM



(14) Phenanthrene

16.173min (+0.001) 10.04ng/ul m

response 3363378

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	18.79
179.00	16.00	16.33
0.00	0.00	0.00

U.M.
 11/06/15

Quantitation Report (Qedit)

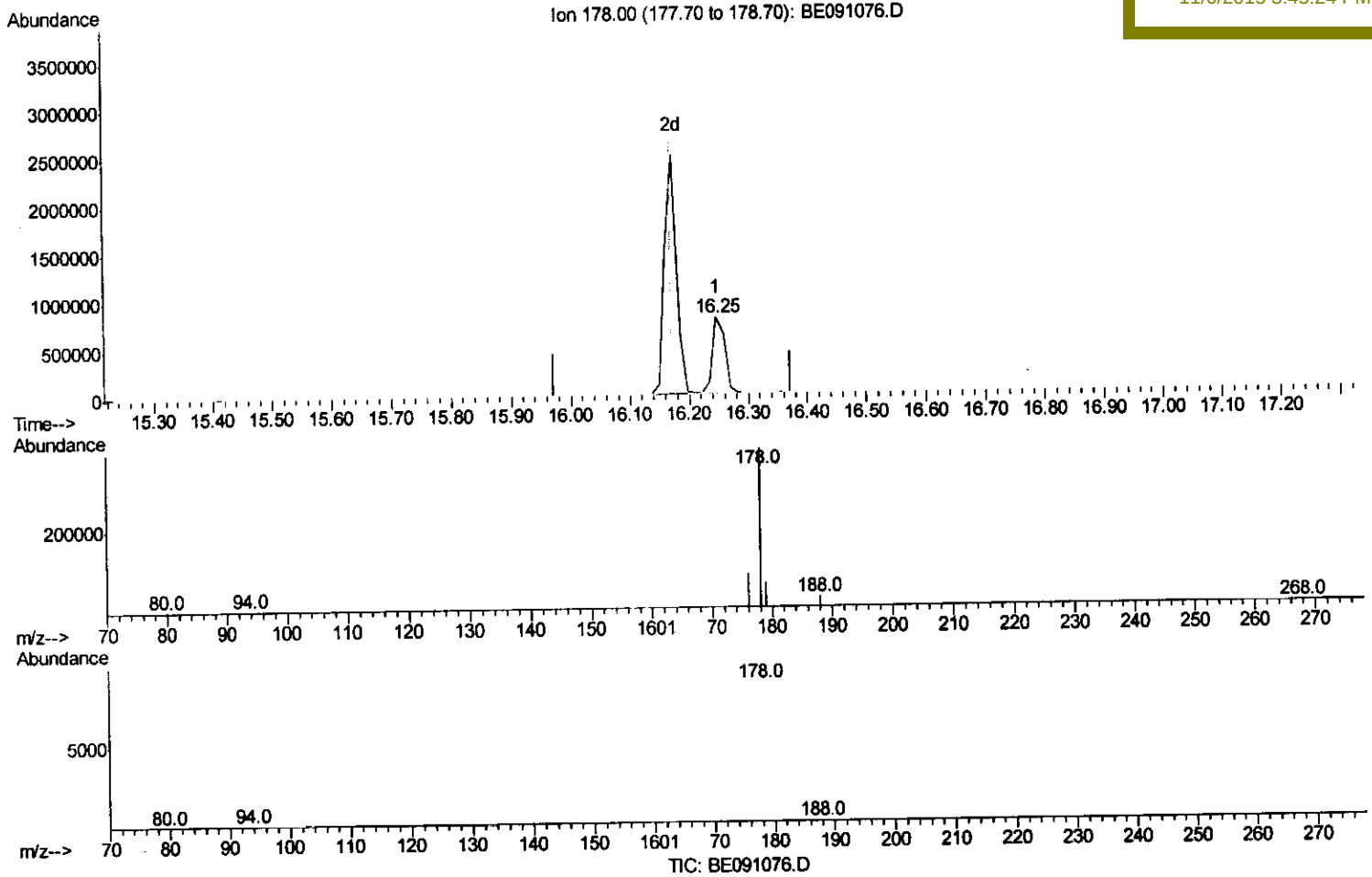
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091076.D
 Acq On : 5 Nov 2015 21:30
 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COAP8

Quant Time: Nov 06 06:44:40 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 06:42:08 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:45:24 PM



(14) Phenanthrene

16.246min (+0.073) 3.54ng/ul

response 1185765

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	20.41
179.00	16.00	15.17
0.00	0.00	0.00

Quantitation Report (Qedit)

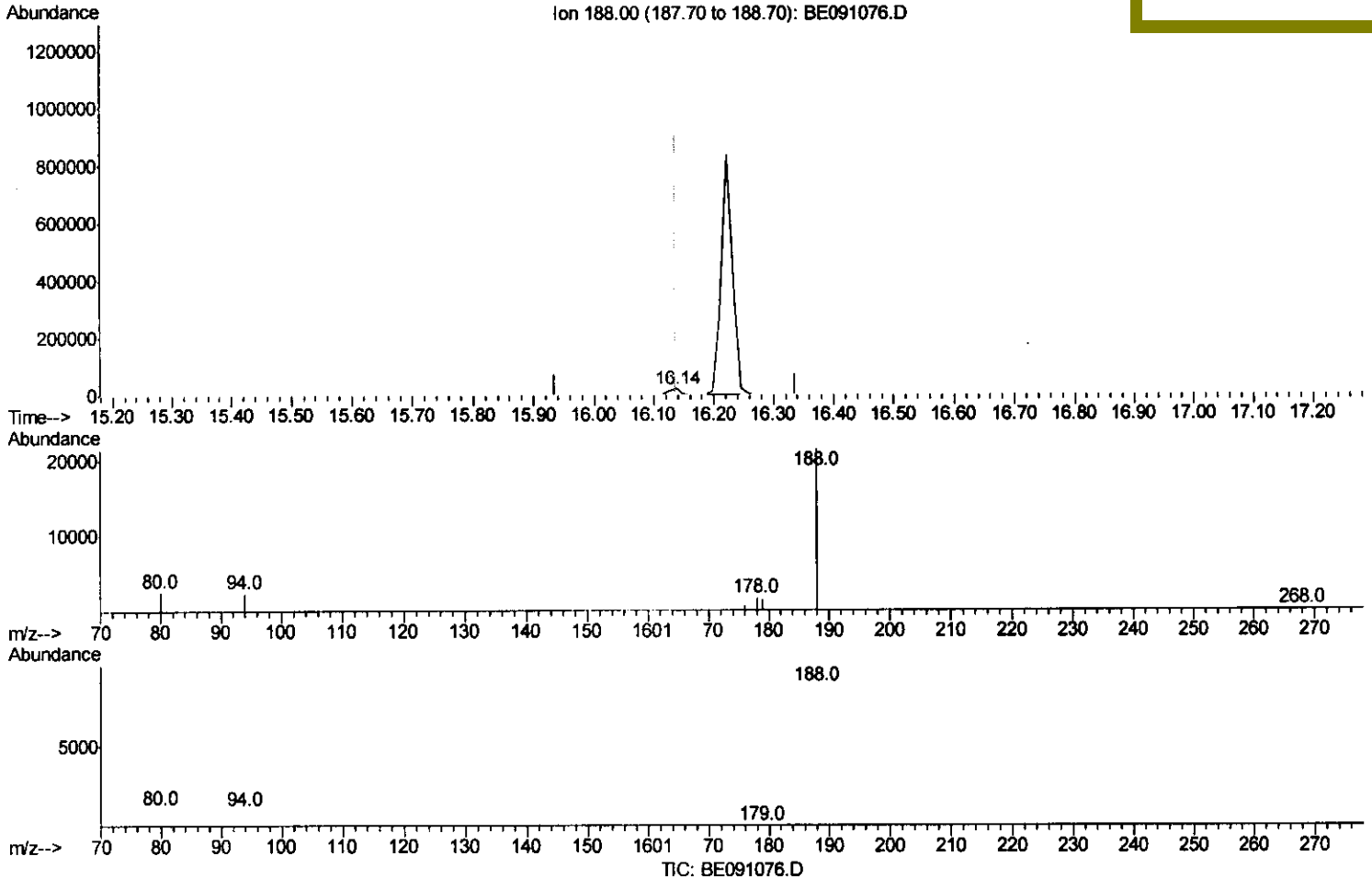
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091076.D
 Acq On : 5 Nov 2015 21:30
 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP8

Quant Time: Nov 06 06:43:04 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 06:42:08 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:45:24 PM



(12) Phenanthrene-d10 (I)

16.137min (+0.001) 0.40ng/ul m

response 28998

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	11.25#
80.00	8.90	11.88#
0.00	0.00	0.00

UM
11/06/15

Quantitation Report (Qedit)

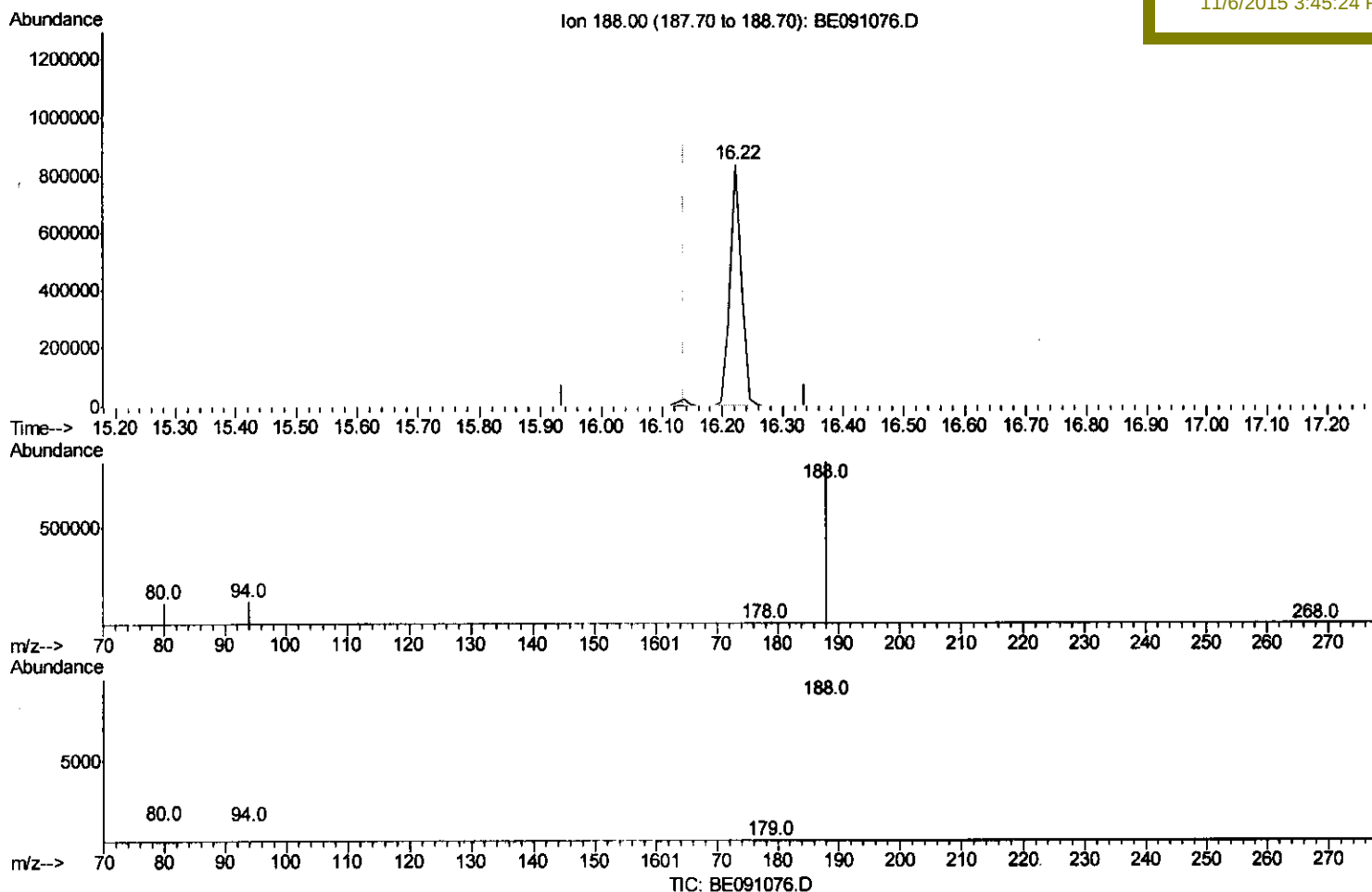
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091076.D
Acq On : 5 Nov 2015 21:30
Operator : UM/NP
Sample : G4273-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AP8

Quant Time: Nov 06 06:43:04 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 06:42:08 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
11/6/2015 3:45:24 PM



(12) Phenanthrene-d10 (I)

16.222min (+0.086) 0.40ng/ul

response 1090291

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	14.21#
80.00	8.90	13.13#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
Data File : BE091076.D
Acq On : 5 Nov 2015 21:30
Operator : UM/NP
Sample : G4273-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AP8

Quant Time: Nov 06 06:47:35 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 06:42:08 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
11/6/2015 3:45:24 PM

