

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091069.D
 Acq On : 5 Nov 2015 14:32
 Operator : UM/NP
 Sample : G4273-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP1

Quant Time: Nov 06 06:19:56 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
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	4276	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	23453	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	13426	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	30740m	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	32479	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	45662m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	16566	5.39	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.07	152	6182	0.19	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	16786	0.19	ng/ul	0.00
Target Compounds						Ovalue
5) Naphthalene	9.62	128	17963	0.31	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	12816	0.34	ng/ul	98
9) Acenaphthylene	13.15	152	11455	0.17	ng/ul	100
10) Acenaphthene	13.46	153	56921	1.24	ng/ul	92
11) Fluorene	14.45	166	69726	1.18	ng/ul	95
14) Phenanthrene	16.17	178	896615m	2.53	ng/ul	
15) Anthracene	16.25	178	709820	2.20	ng/ul	98
17) Fluoranthene	18.15	202	1561855m	3.76	ng/ul	
19) Pyrene	18.54	202	1137310	3.08	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	144657	1.73	ng/ul	96
21) Chrysene	20.32	228	136178	1.42	ng/ul	99
23) Benzo(b)fluoranthene	21.63	252	91676	0.64	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	99127m	0.68	ng/ul	
25) Benzo(a)pyrene	22.10	252	106009m	0.81	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.83	276	221253m	0.40	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	16656m	0.13	ng/ul	
28) Benzo(a,h,i)perylene	24.40	276	190144m	0.33	ng/ul	

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

Quantitation Report (Qedit)

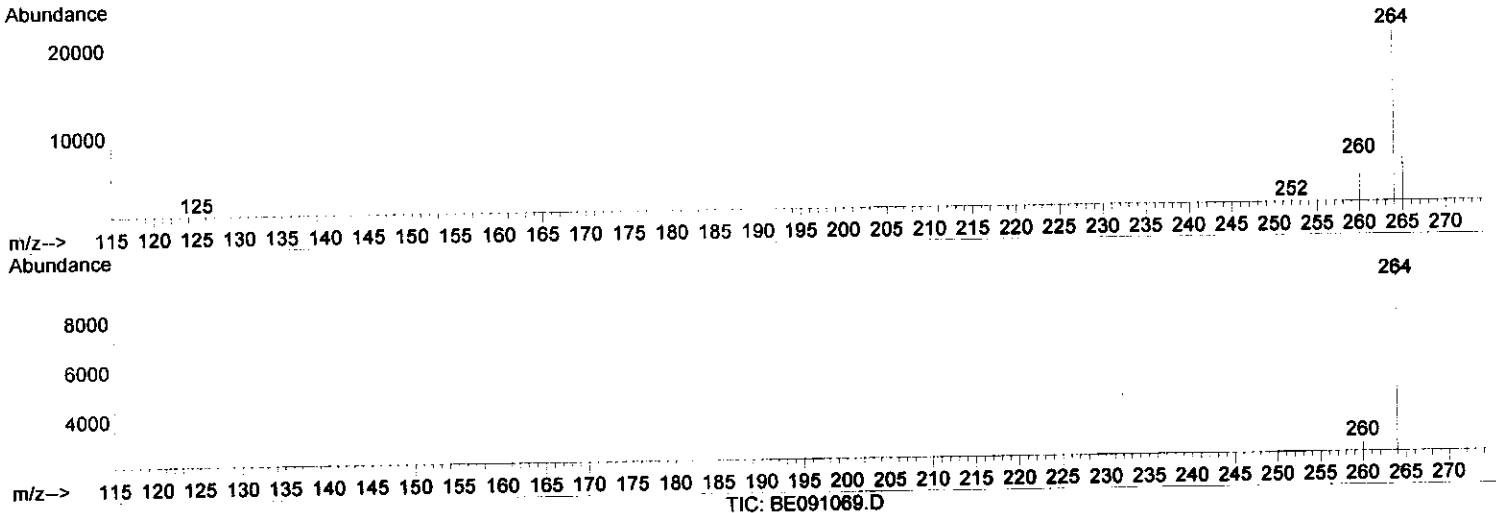
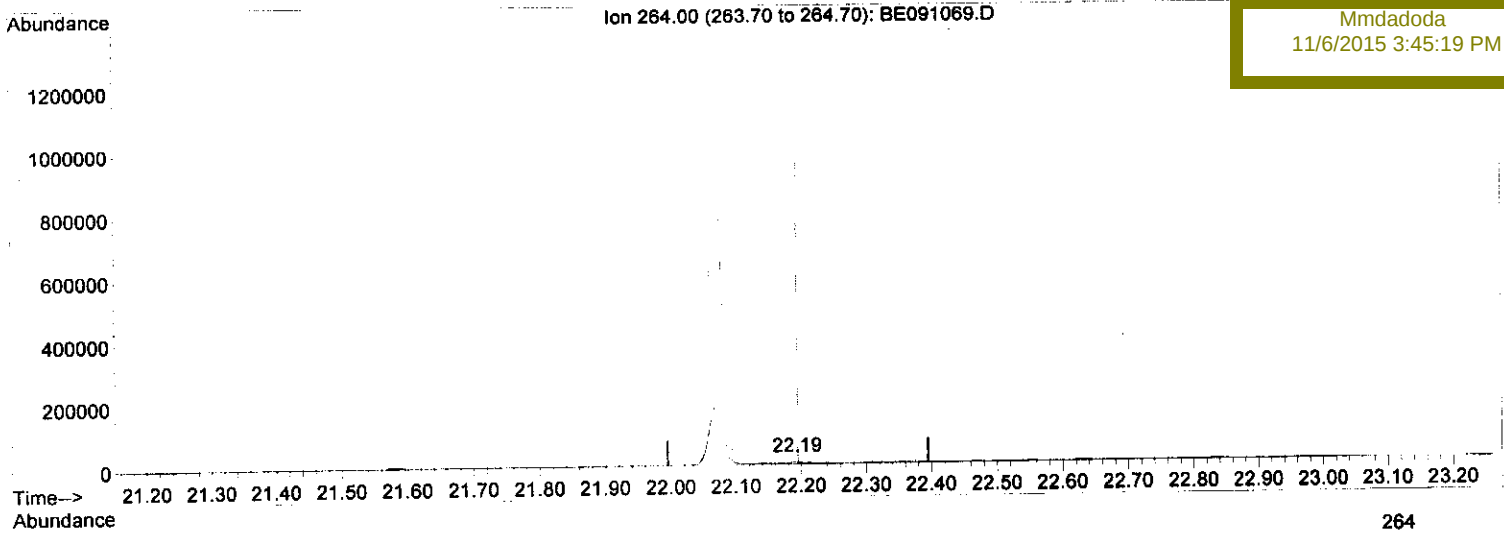
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(22) Perylene-d12 (I)

22.190min (-0.005) 0.40ng/ul m

response 45662

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	25.32
265.00	34.70	26.49#
0.00	0.00	0.00

Handwritten: 11/106115

Quantitation Report (Qedit)

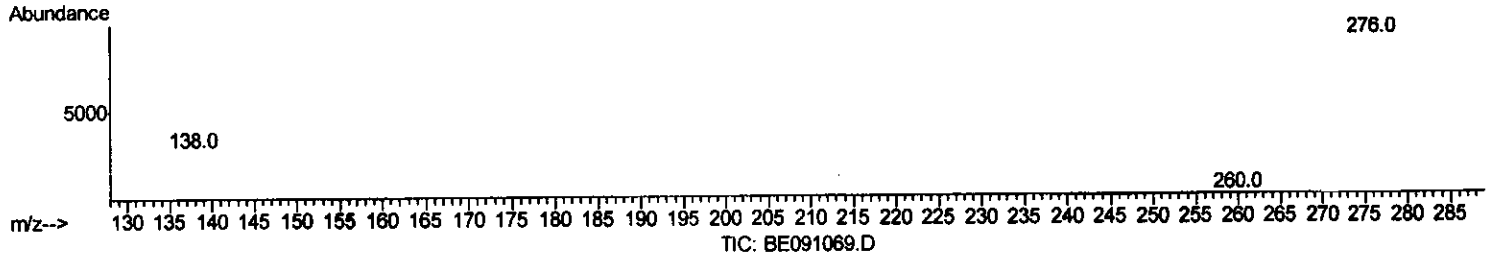
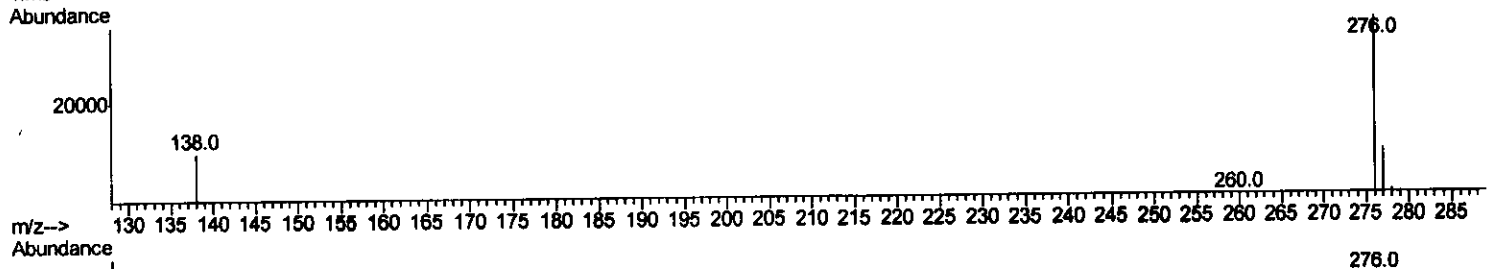
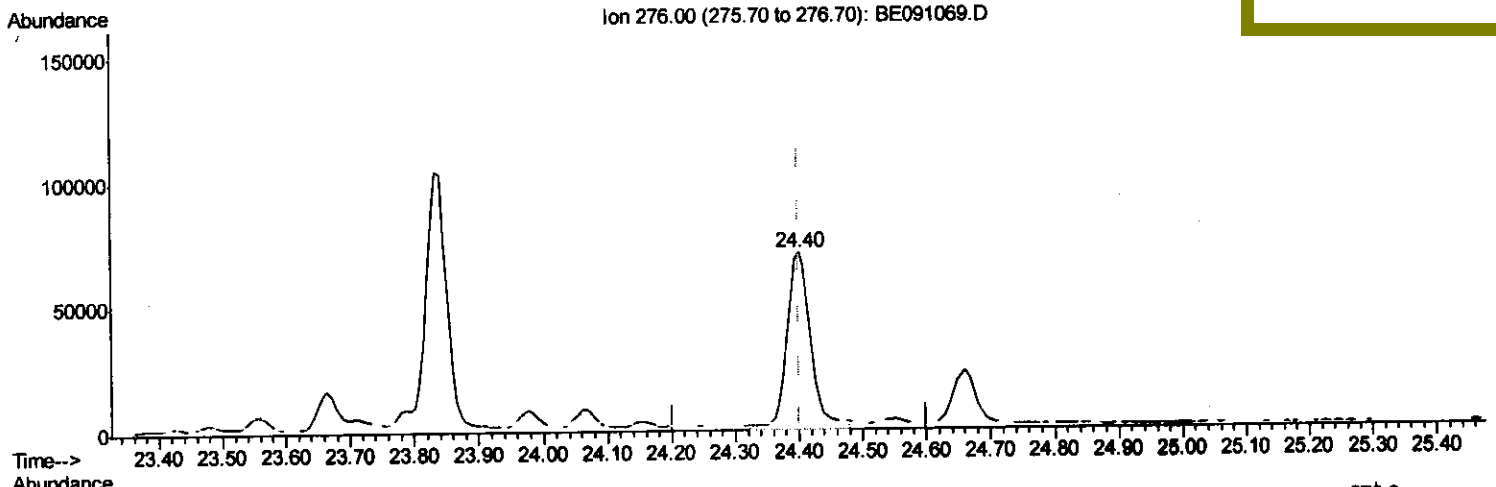
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(28) Benzo(g,h,i)perylene

24.401min (-0.000) 0.33ng/ul m

response 190144

Ion	Exp%	Act%
276.00	100	100
277.00	26.60	26.03
138.00	31.90	27.90
0.00	0.00	0.00

Handwritten signature: U.M.
 11/06/15

Quantitation Report (Qedit)

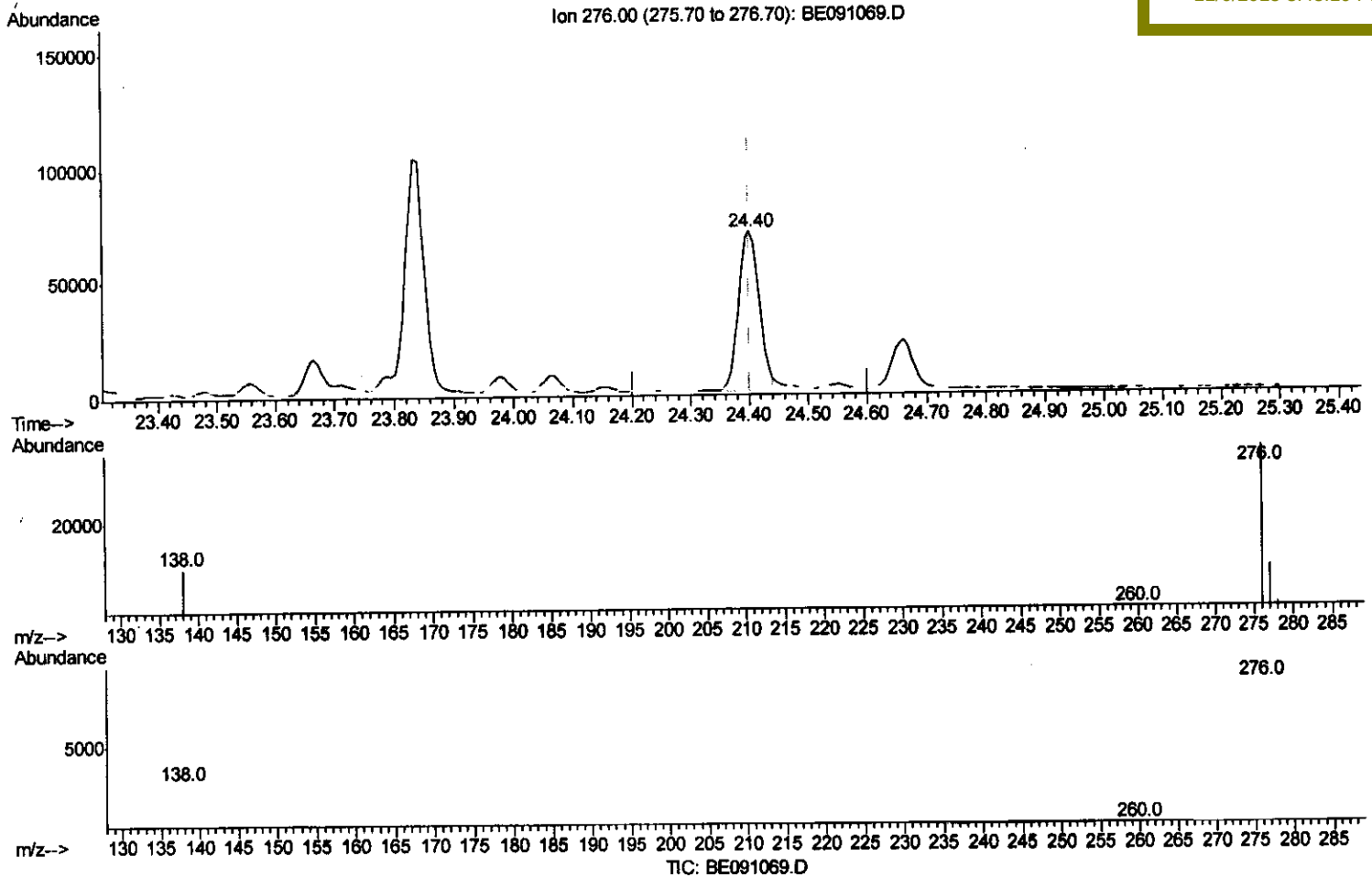
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
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 Acq On : 5 Nov 2015 14:32
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 Sample : G4273-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
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(28) Benzo(g,h,i)perylene

24.401min (-0.000) 0.29ng/ul

response 171051

Ion	Exp%	Act%
276.00	100	100
277.00	26.60	26.03
138.00	31.90	27.90
0.00	0.00	0.00

Quantitation Report (Qedit)

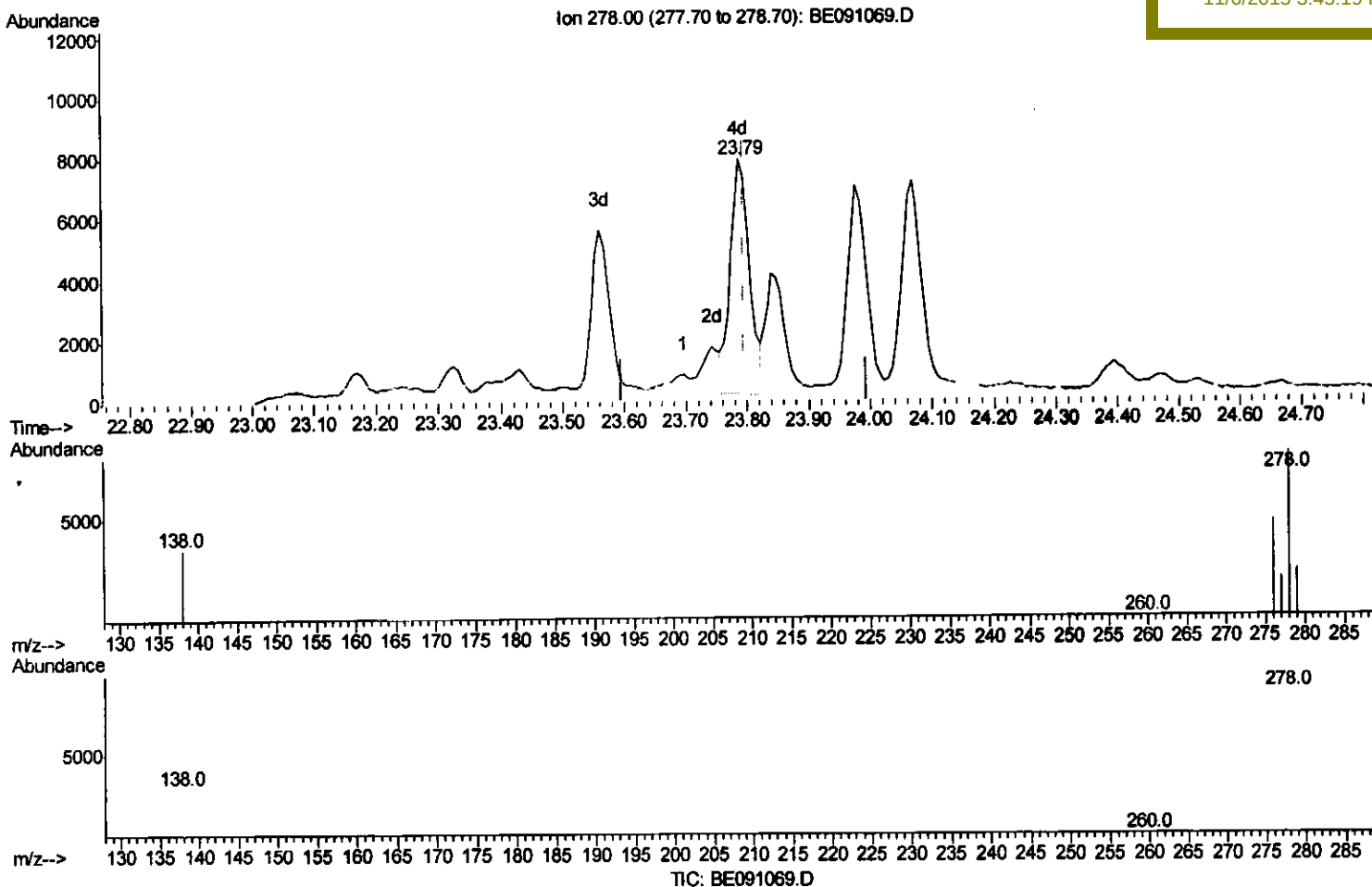
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 Data File : BE091069.D
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 Operator : UM/NP
 Sample : G4273-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP1

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(27) Dibenzo(a,h)anthracene

23.788min (-0.007) 0.13ng/ul m

response 16656

Ion	Exp%	Act%
278.00	100	100
139.00	27.10	0.00#
279.00	27.40	30.04
0.00	0.00	0.00

U M
 11/06/15

Quantitation Report (Qedit)

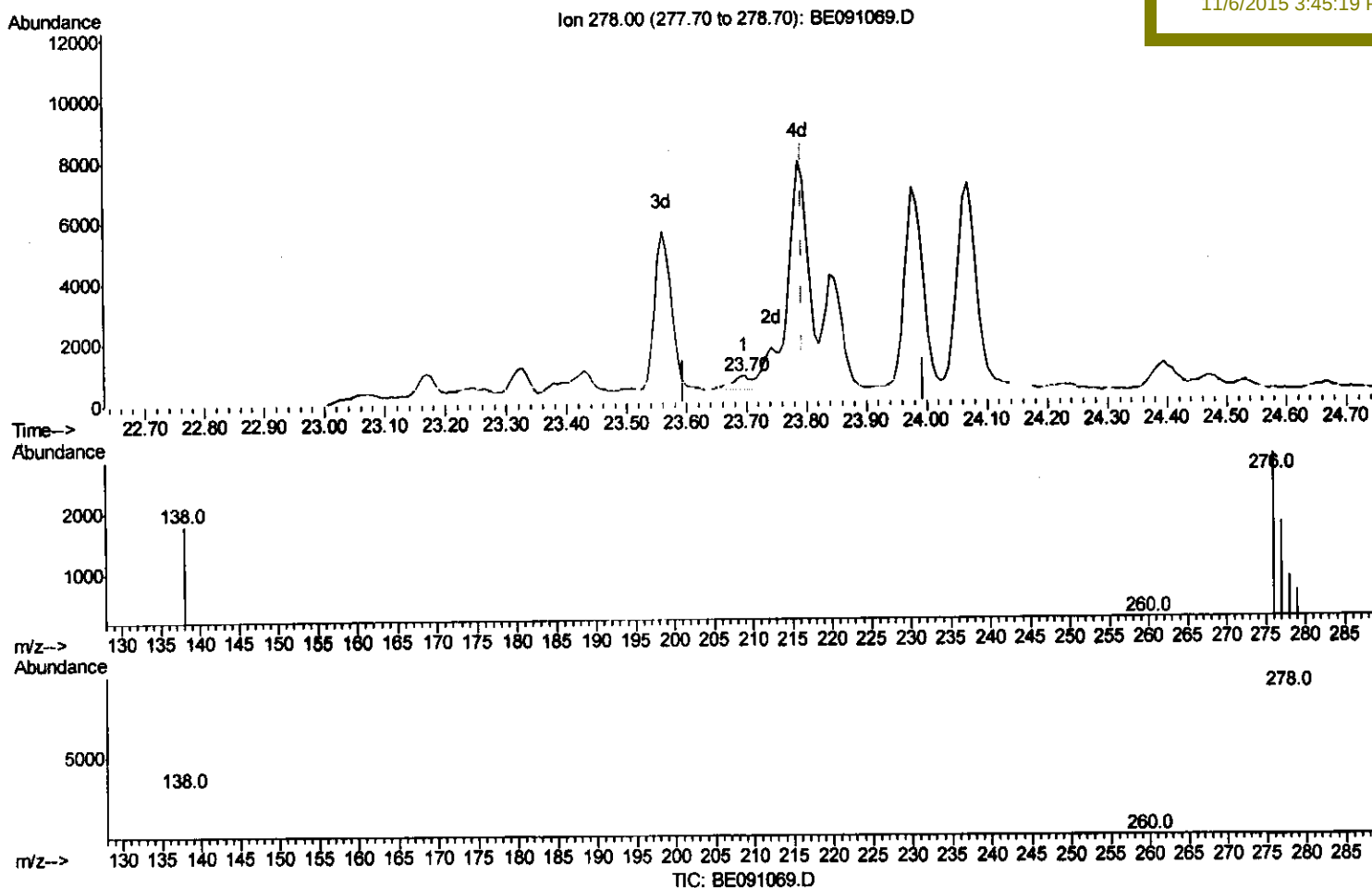
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091069.D
 Acq On : 5 Nov 2015 14:32
 Operator : UM/NP
 Sample : G4273-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 COAP1

Quant Time: Nov 06 06:17:40 2015
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Manual Integrations
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(27) Dibenzo(a,h)anthracene

23.697min (-0.098) 0.01ng/ul

response 1108

Ion	Exp%	Act%
278.00	100	100
139.00	27.10	0.00#
279.00	27.40	74.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

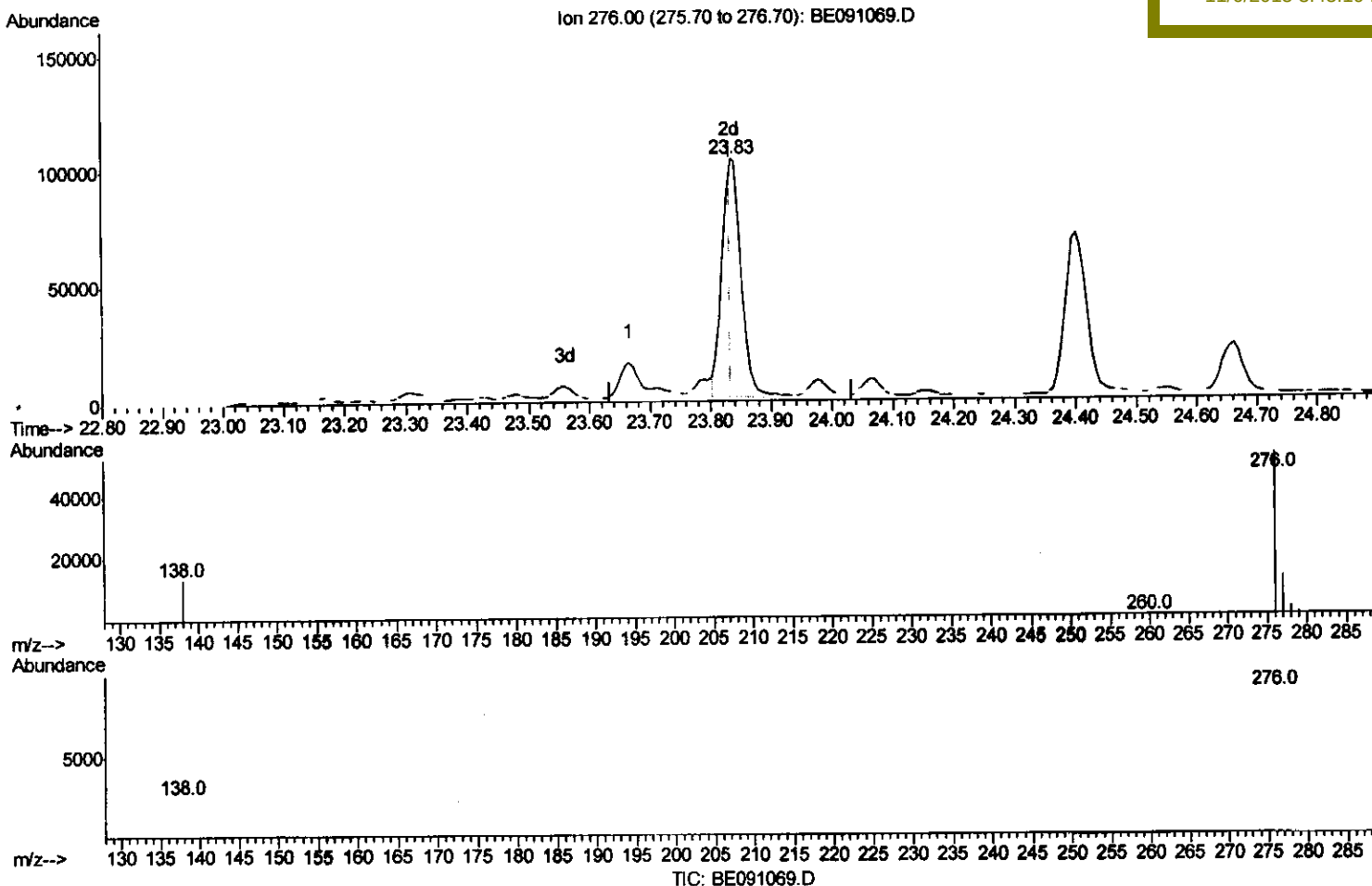
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 Data File : BE091069.D
 Acq On : 5 Nov 2015 14:32
 Operator : UM/NP
 Sample : G4273-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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(26) Indeno(1,2,3-cd)pyrene

23.834min (-0.000) 0.40ng/ul m

response 221253

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	4.39#
277.00	24.10	4.87#
0.00	0.00	0.00

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Quantitation Report (Qedit)

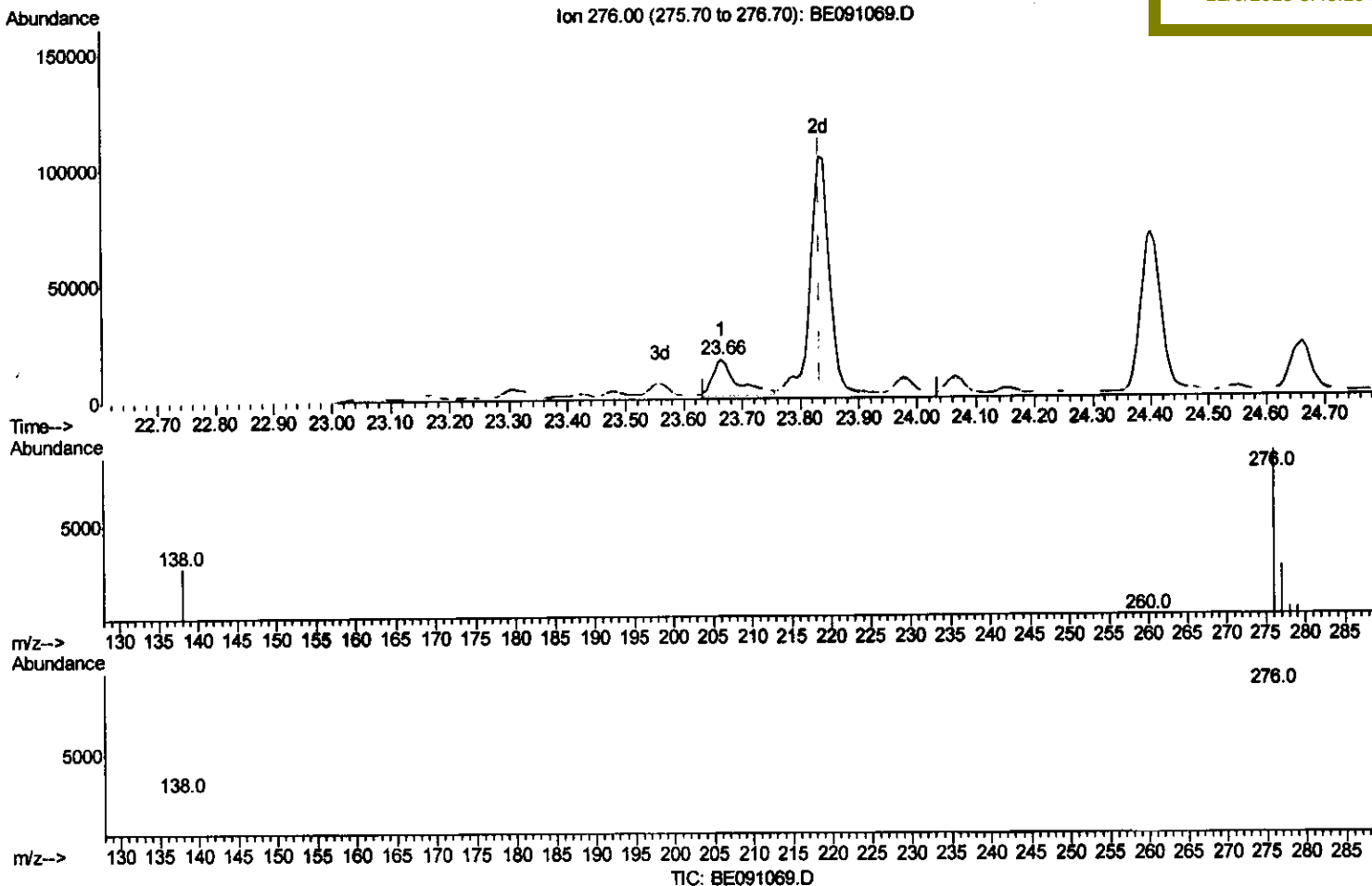
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091069.D
 Acq On : 5 Nov 2015 14:32
 Operator : UM/NP
 Sample : G4273-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP1

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

23.664min (-0.170) 0.08ng/ul

response 46457

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	20.90#
277.00	24.10	23.21
0.00	0.00	0.00

Quantitation Report (Qedit)

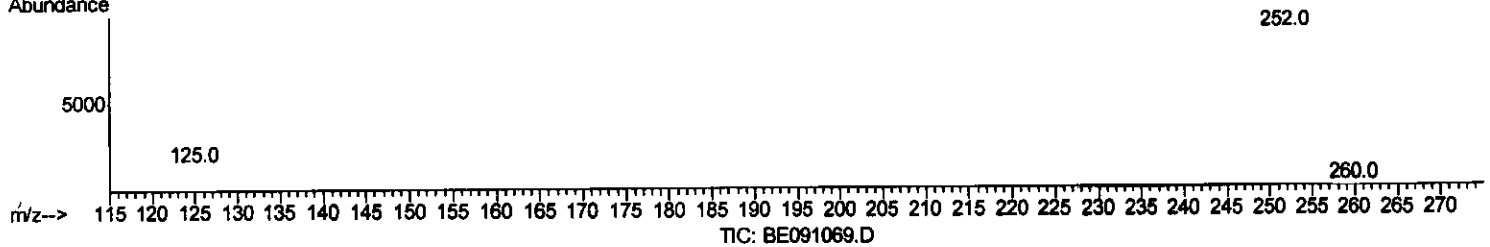
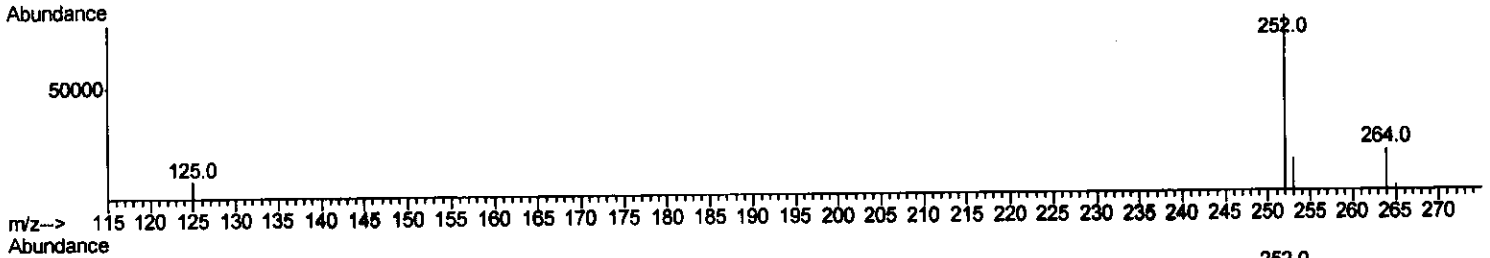
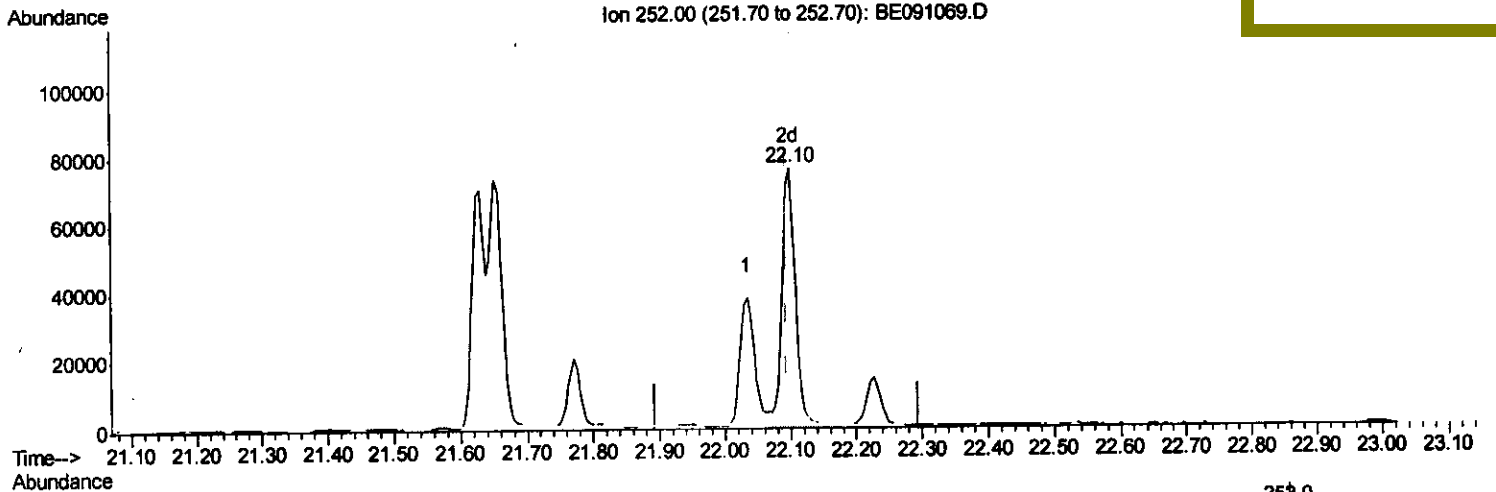
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 Data File : BE091069.D
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 Sample : G4273-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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(25) Benzo(a)pyrene (C)

22.099min (+0.004) 0.81ng/ul m

response 106009

Ion	Exp%	Act%
252.00	100	100
253.00	27.30	23.13
125.00	18.10	14.94
0.00	0.00	0.00

U. M.
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Quantitation Report (Qedit)

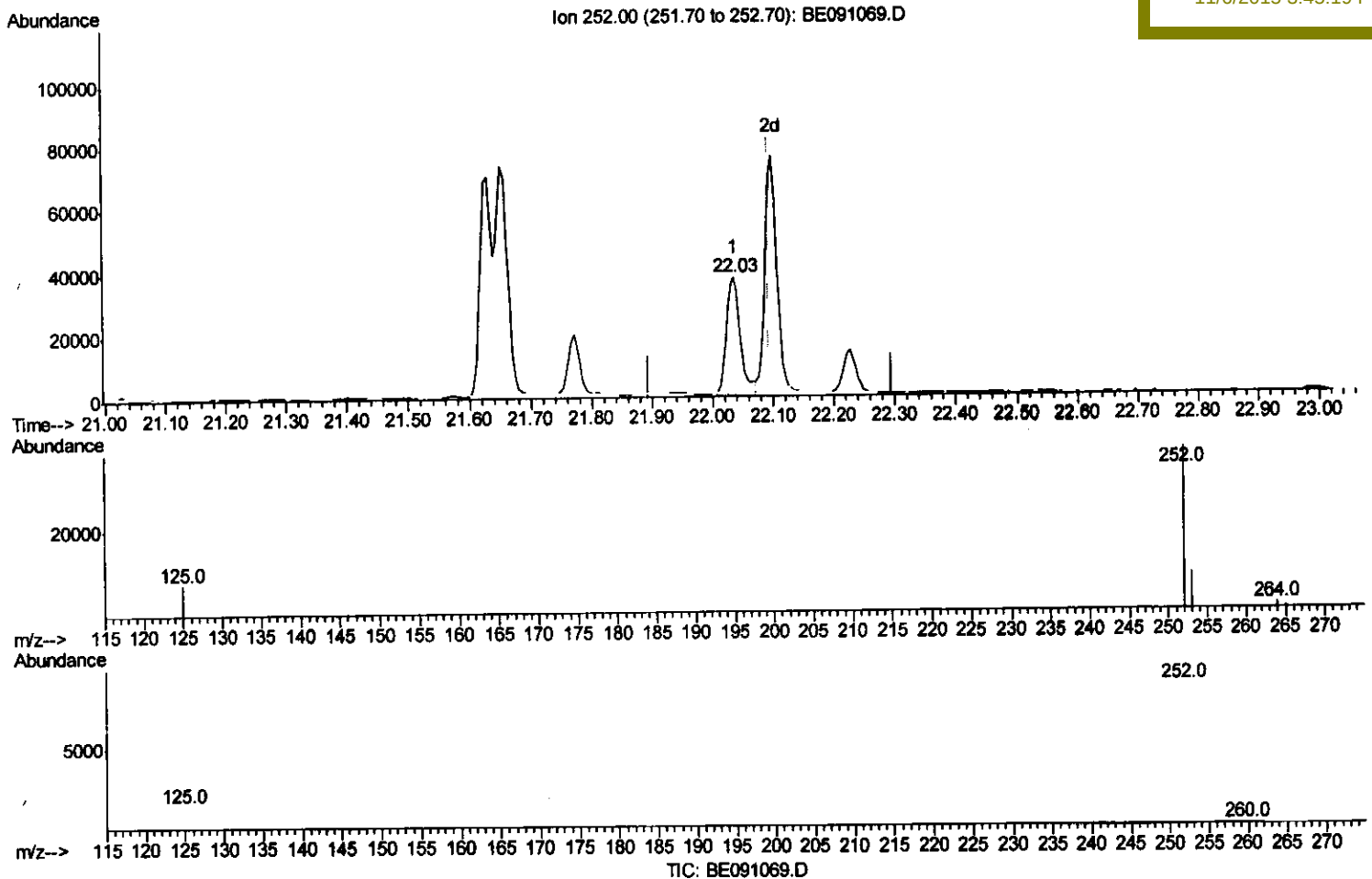
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091069.D
 Acc On : 5 Nov 2015 14:32
 Operator : UM/NP
 Sample : G4273-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP1

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(25) Benzo(a)pyrene (C)

22.035min (-0.059) 0.46ng/ul

response 60286

Ion	Exp%	Act%
252.00	100	100
253.00	27.30	23.88
125.00	18.10	20.44
0.00	0.00	0.00

Quantitation Report (Qedit)

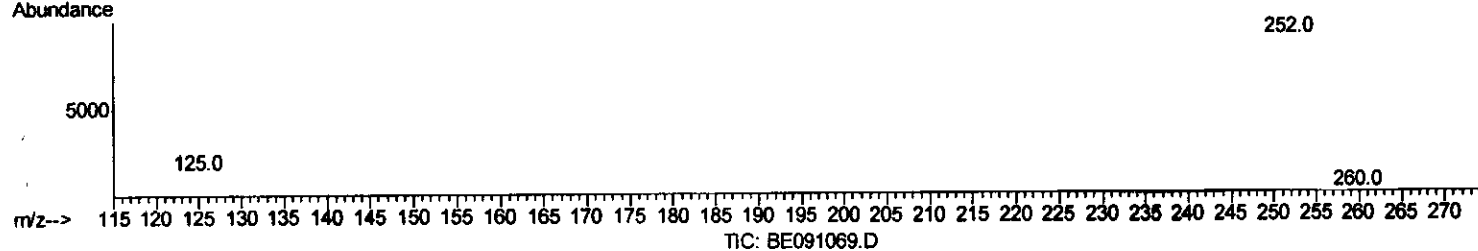
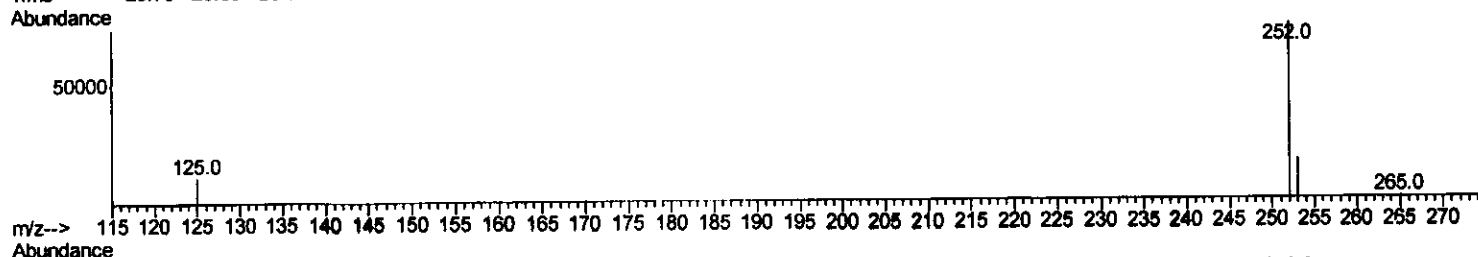
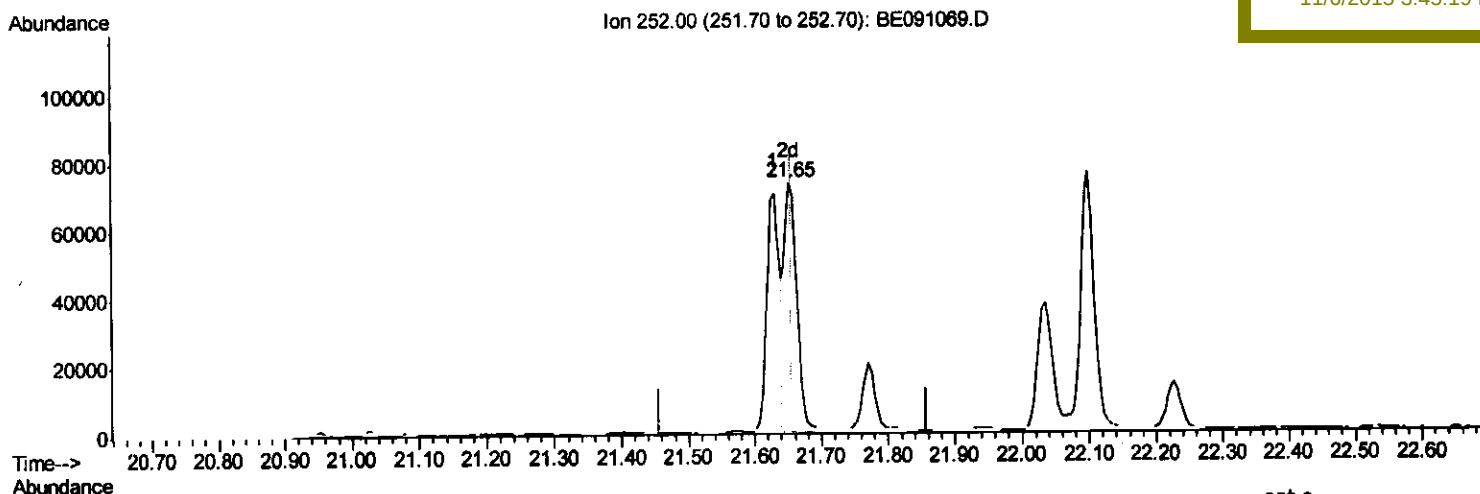
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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(24) Benzo(k)fluoranthene

21.652min (-0.005) 0.68ng/ul m

response 99127

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	23.04
125.00	15.30	15.40
0.00	0.00	0.00

Quantitation Report (Qedit)

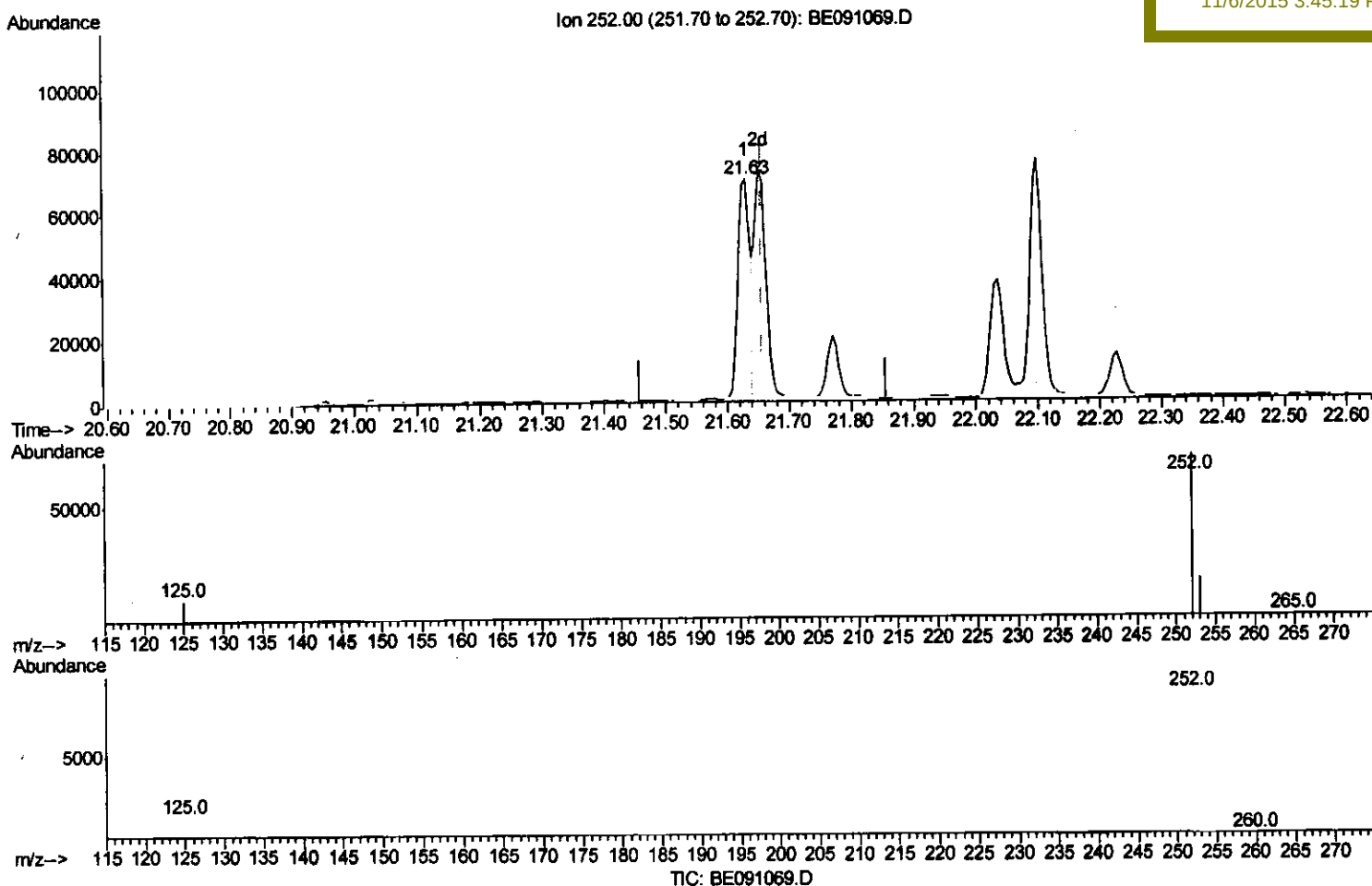
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(24) Benzo(k)fluoranthene

21.630min (-0.028) 0.63ng/ul

response 91676

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	23.40
125.00	15.30	13.35
0.00	0.00	0.00

Quantitation Report (Qedit)

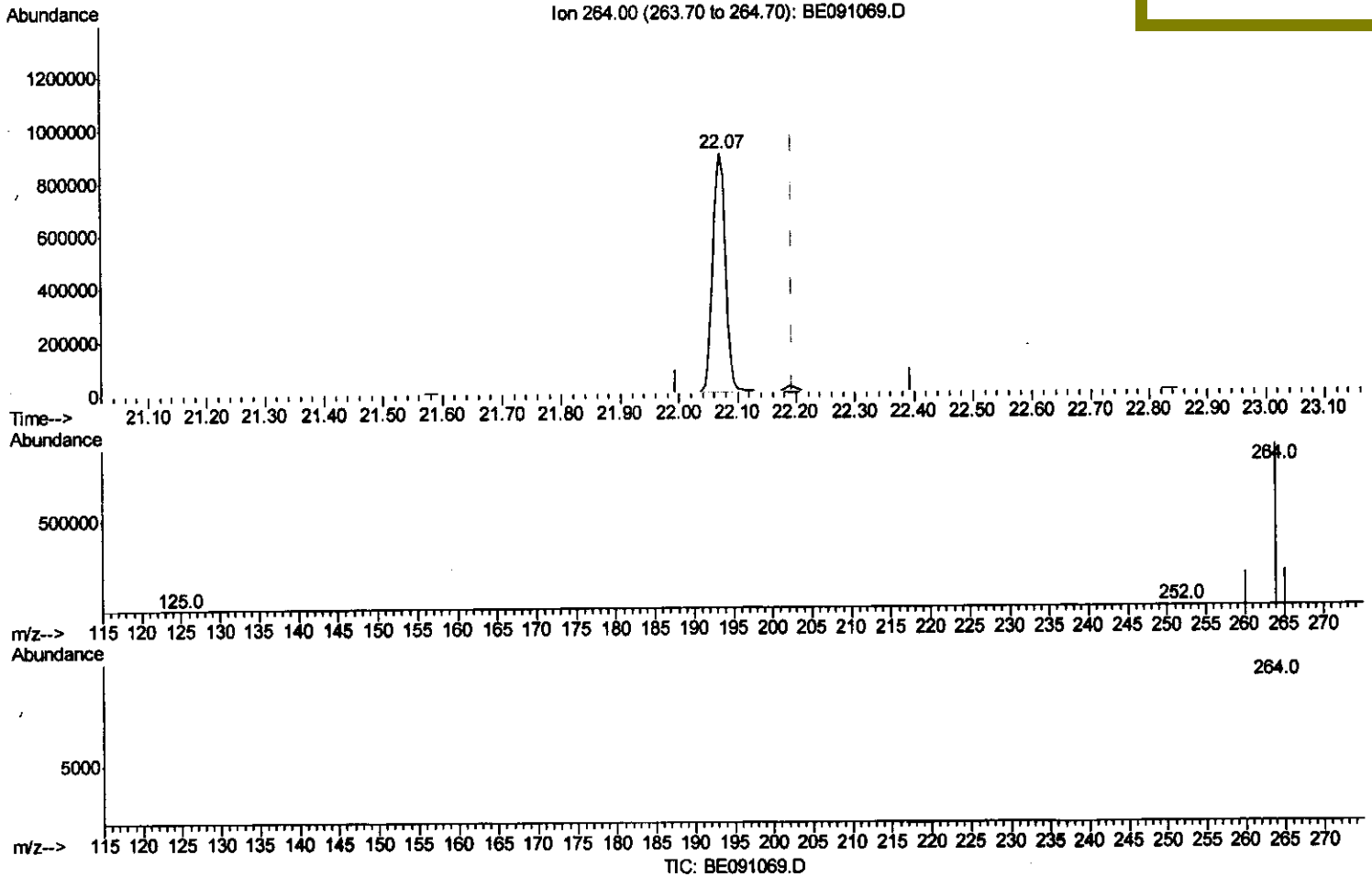
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(22) Perylene-d12 (I)

22.071min (-0.123) 0.40ng/ul

response 1376866

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	20.66#
265.00	34.70	22.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

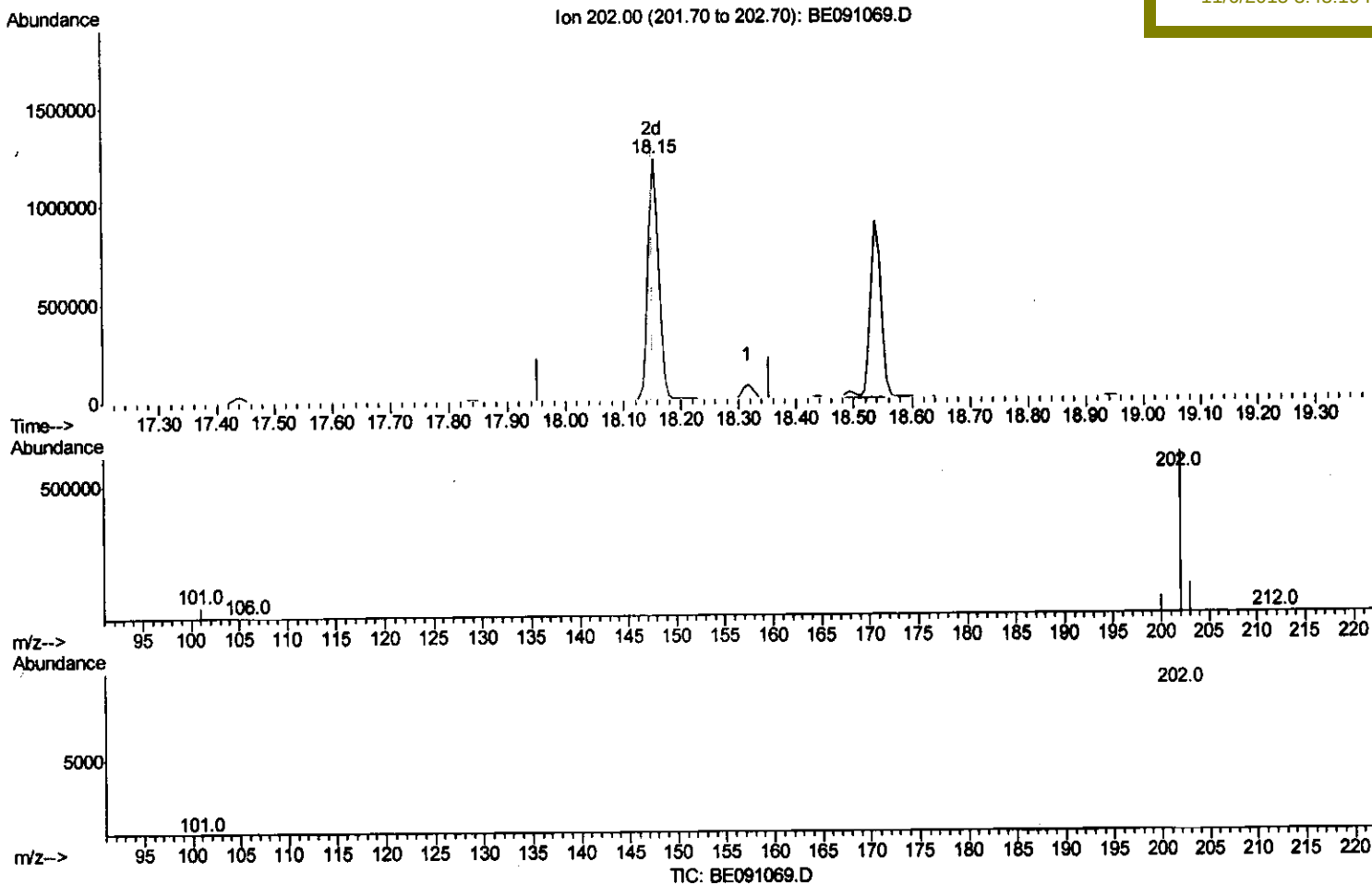
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(17) Fluoranthene (C)

18.153min (-0.000) 3.76ng/ul m

response 1561855

Ion	Exp%	Act%
202.00	100	100
101.00	13.10	7.19
203.00	17.20	17.68
0.00	0.00	0.00

U. M
11/06/15

Quantitation Report (Qedit)

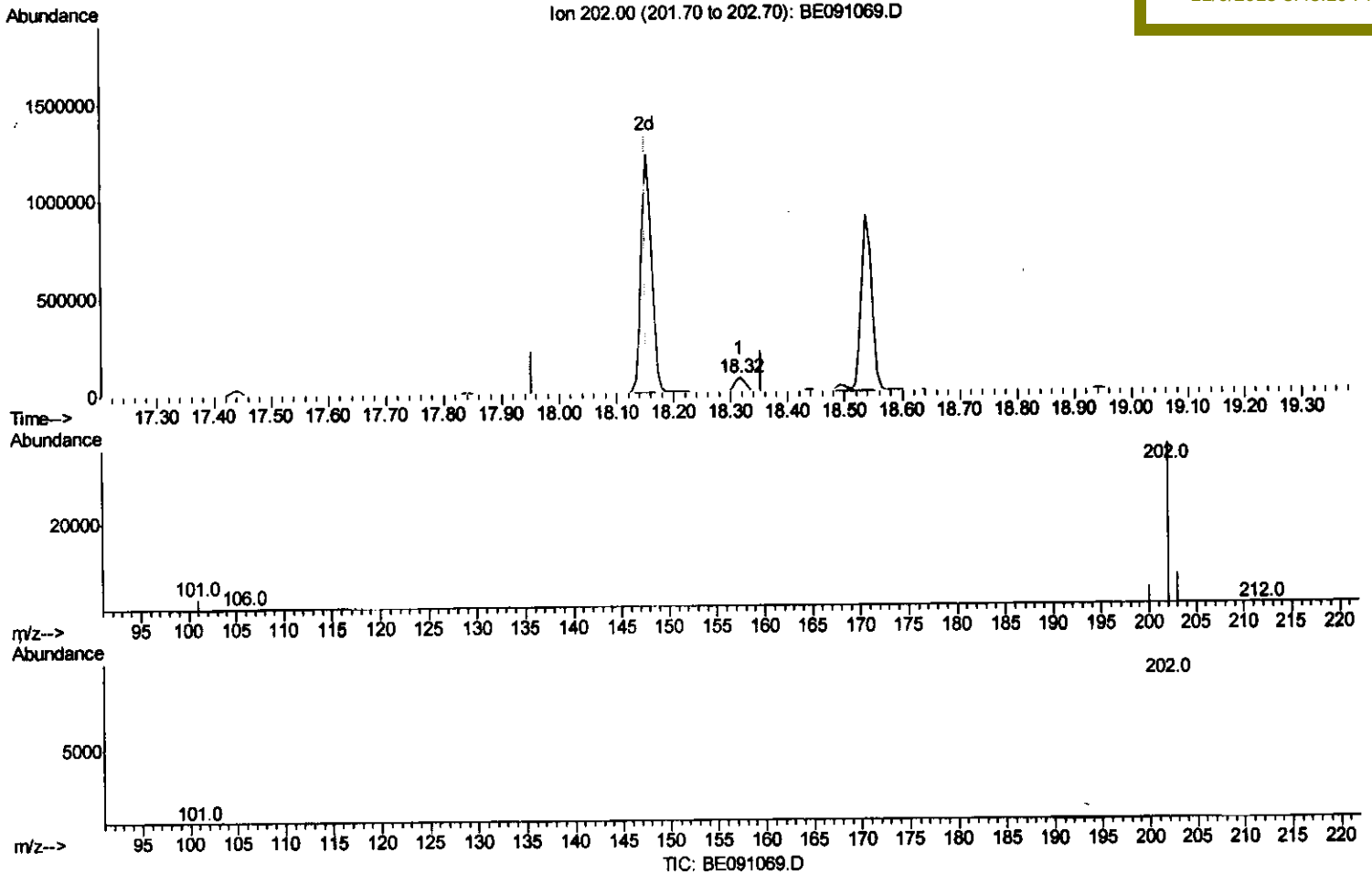
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 APPROVED

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 11/6/2015 3:45:19 PM



(17) Fluoranthene (C)

18.316min (+0.163) 0.23ng/ul

response 96257

Ion	Exp%	Act%
202.00	100	100
101.00	13.10	3.29
203.00	17.20	18.67
0.00	0.00	0.00

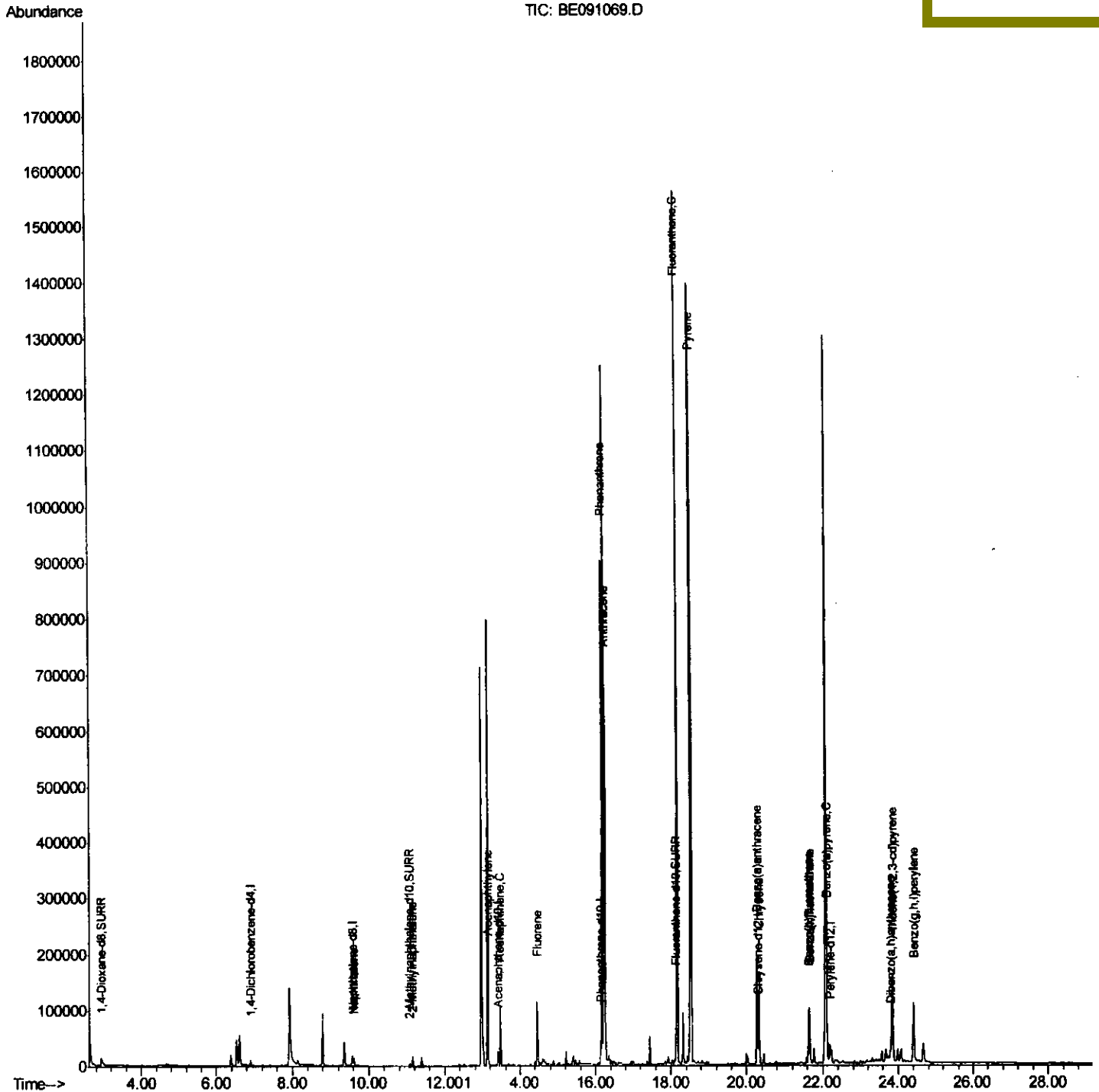
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Quantitation Report (Qedit)

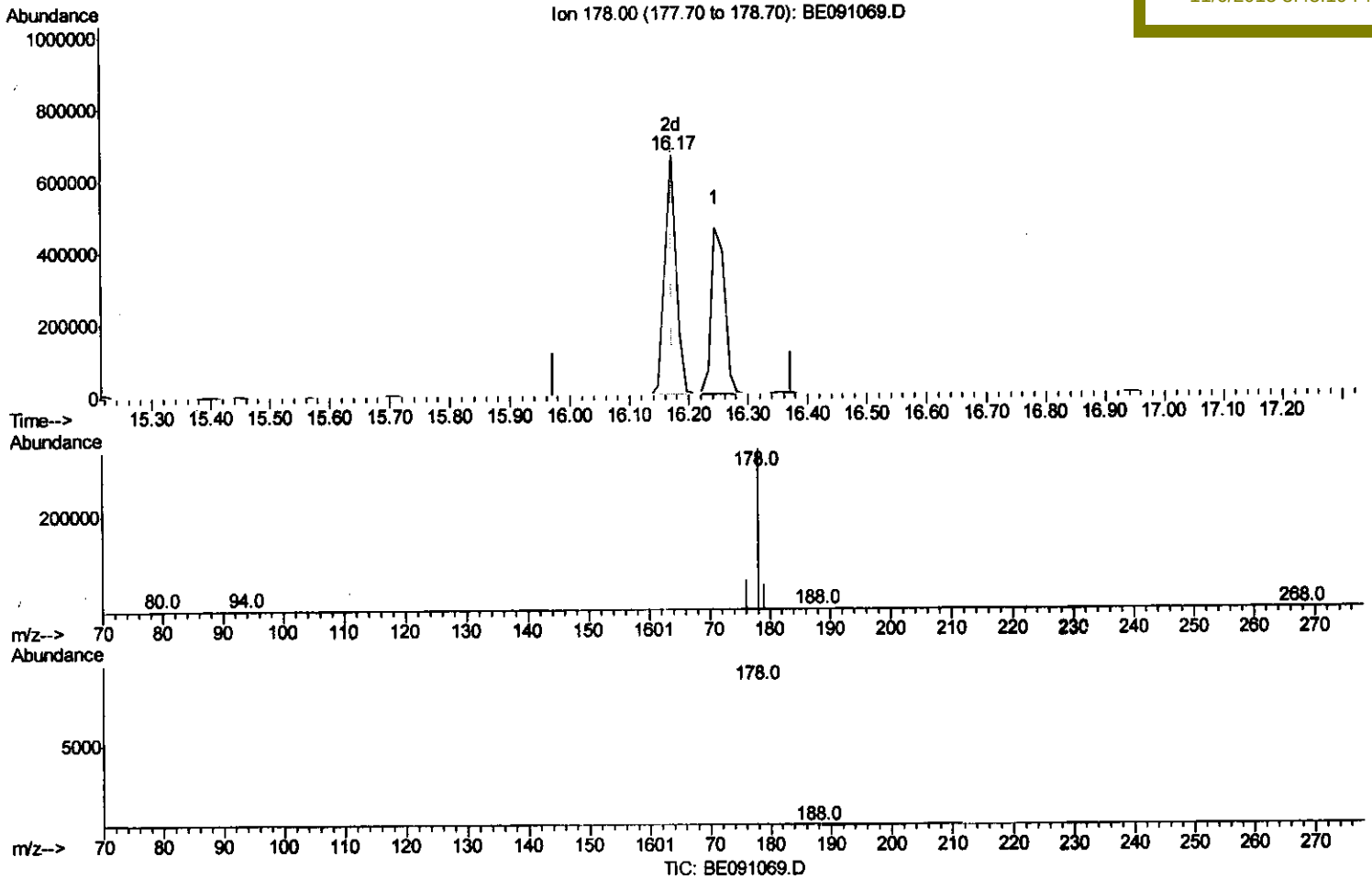
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091069.D
 Acq On : 5 Nov 2015 14:32
 Operator : UM/NP
 Sample : G4273-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COAP1

Quant Time: Nov 06 06:16:35 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 05:41:57 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:45:19 PM



(14) Phenanthrene

16.172min (+0.000) 2.53ng/ul m

response 896615

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	18.77
179.00	16.00	15.61
0.00	0.00	0.00

U M
 11/06/15

Quantitation Report (Qedit)

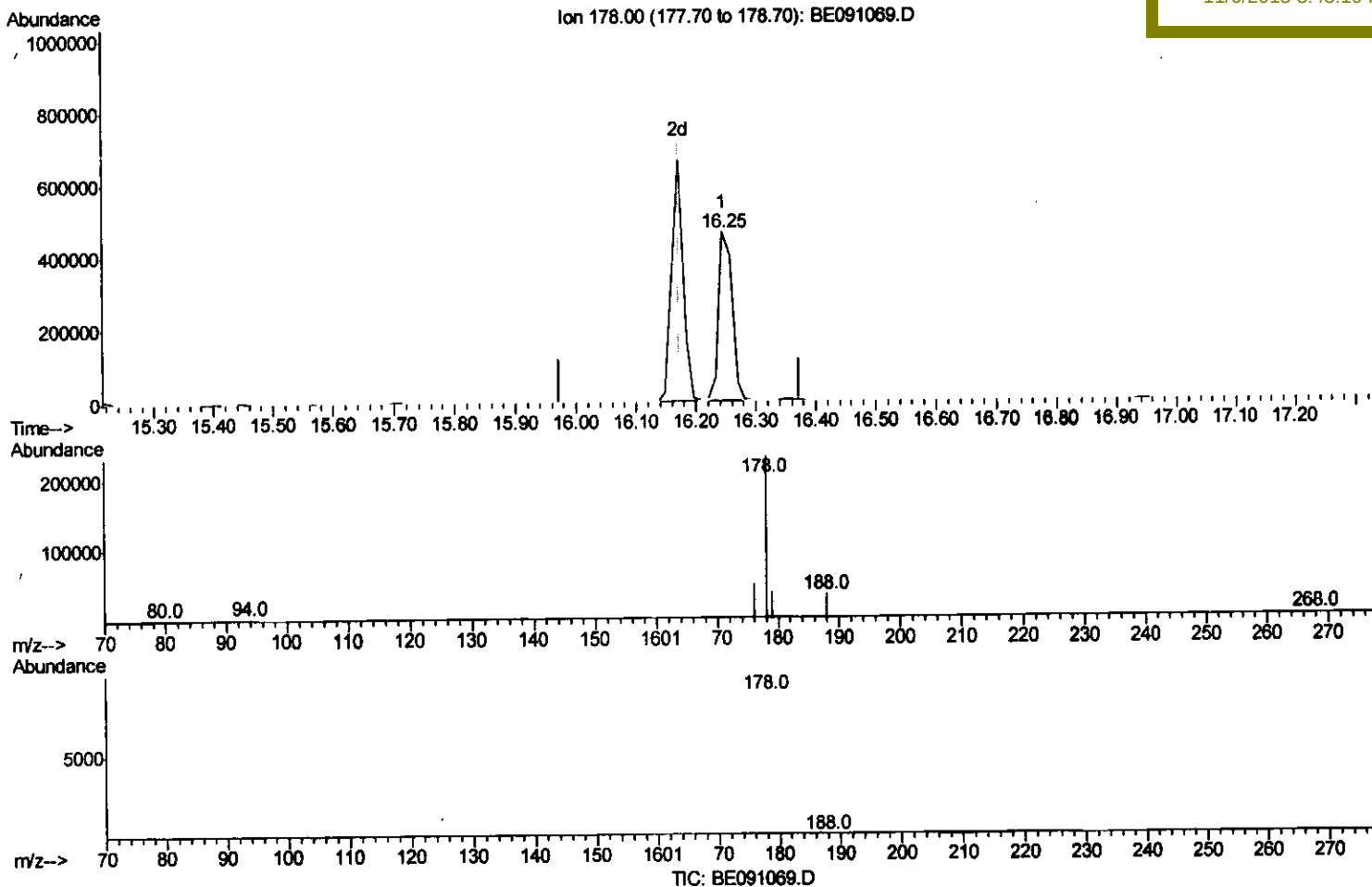
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091069.D
 Acq On : 5 Nov 2015 14:32
 Operator : UM/NP
 Sample : G4273-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP1

Quant Time: Nov 06 06:16:35 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 05:41:57 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:45:19 PM



(14) Phenanthrene

16.245min (+0.073) 2.01ng/ul

response 714172

Ion	Exp%	Act%
178.00	100	100
176.00	20.30	20.43
179.00	16.00	15.48
0.00	0.00	0.00

Quantitation Report (Qedit)

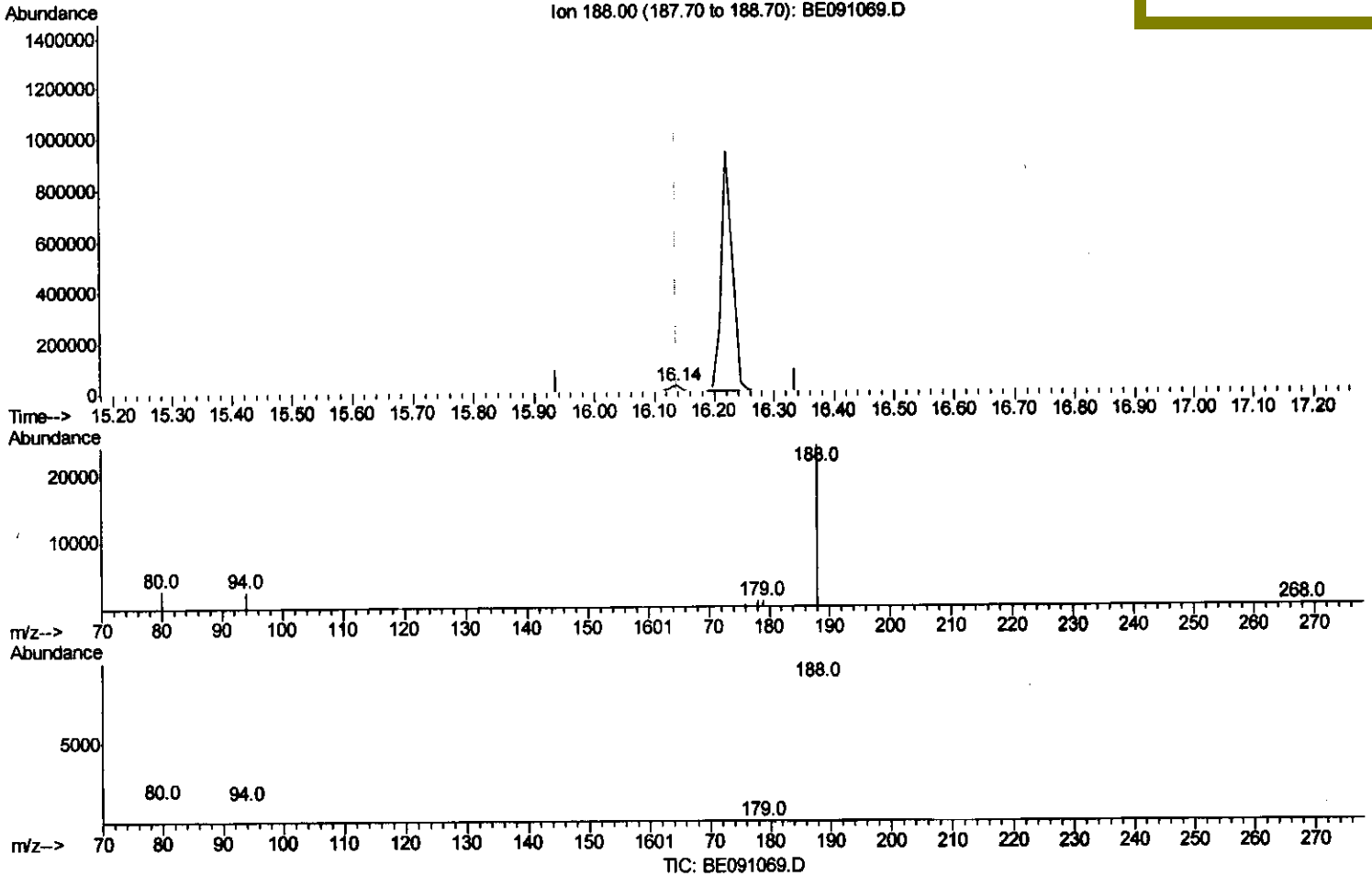
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091069.D
 Acq On : 5 Nov 2015 14:32
 Operator : UM/NP
 Sample : G4273-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP1

Quant Time: Nov 06 05:44:24 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 3:45:19 PM



(12) Phenanthrene-d10 (I)

16.136min (+0.000) 0.40ng/ul m

response 30740

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	10.69
80.00	8.90	11.37#
0.00	0.00	0.00

U.M
 11/06/15

Quantitation Report (Qedit)

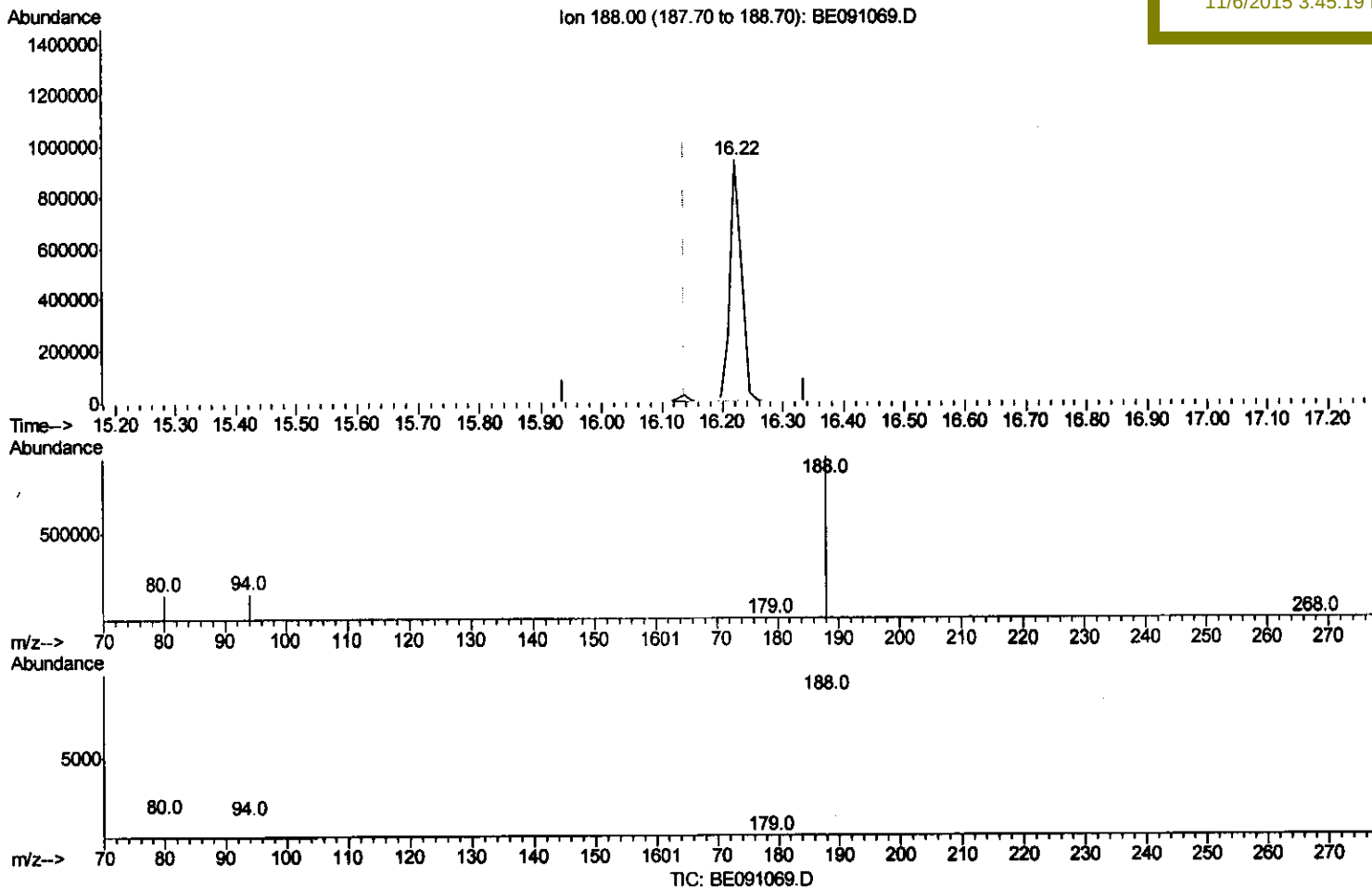
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091069.D
 Acq On : 5 Nov 2015 14:32
 Operator : UM/NP
 Sample : G4273-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP1

Quant Time: Nov 06 05:44:24 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 3:45:19 PM



(12) Phenanthrene-d10 (I)

16.221min (+0.085) 0.40ng/ul

response 1258355

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	16.04#
80.00	8.90	15.17#
0.00	0.00	0.00