

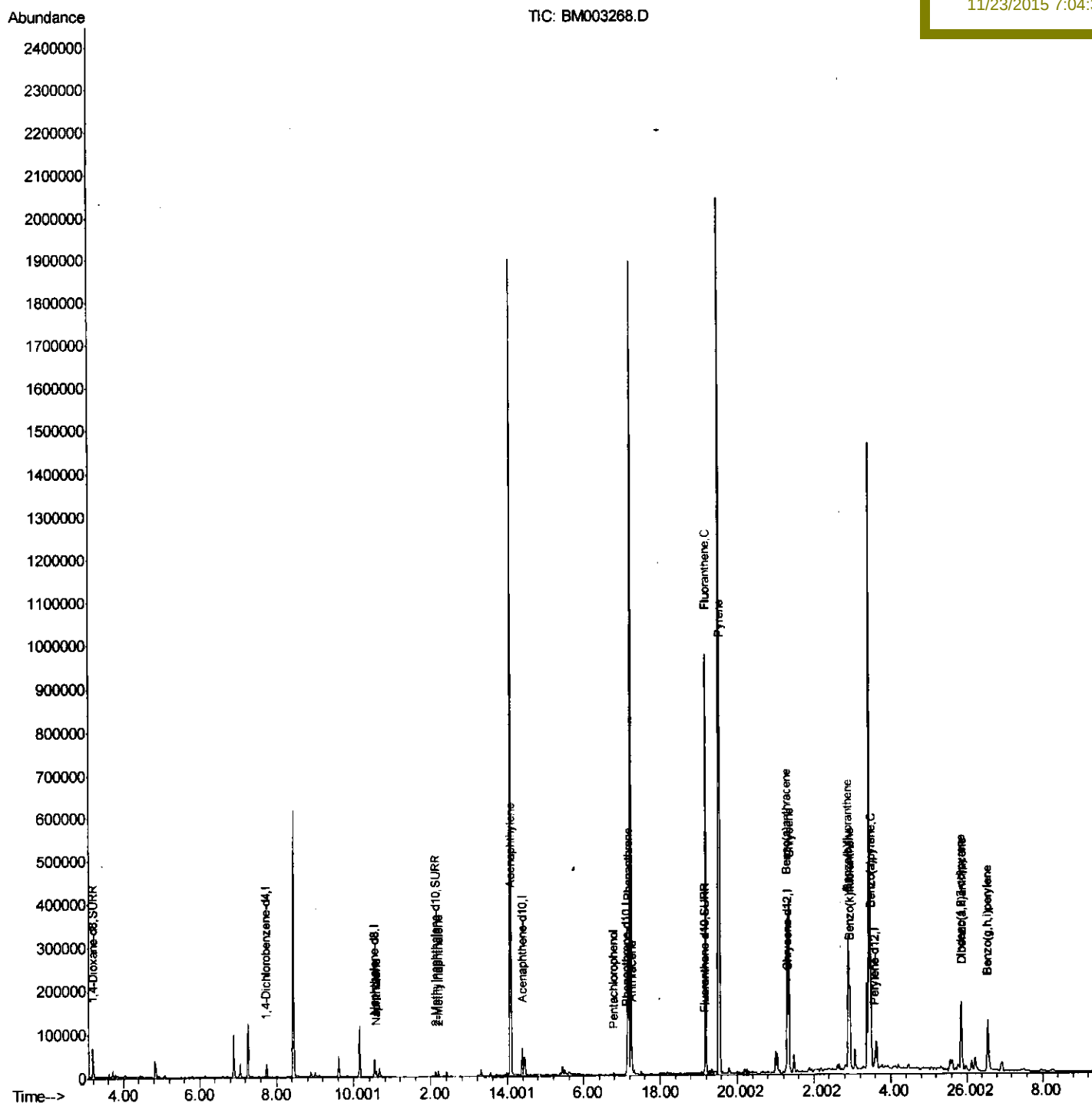
Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003268.D
Acq On : 22 Nov 2015 03:04
Operator : UM/IZ
Sample : G4345-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4J54

Quant Time: Nov 22 05:28:23 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 04:42:03 2015
Response via : Initial Calibration

Manual Integration
APPROVED

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Quantitation Report (Qedit)

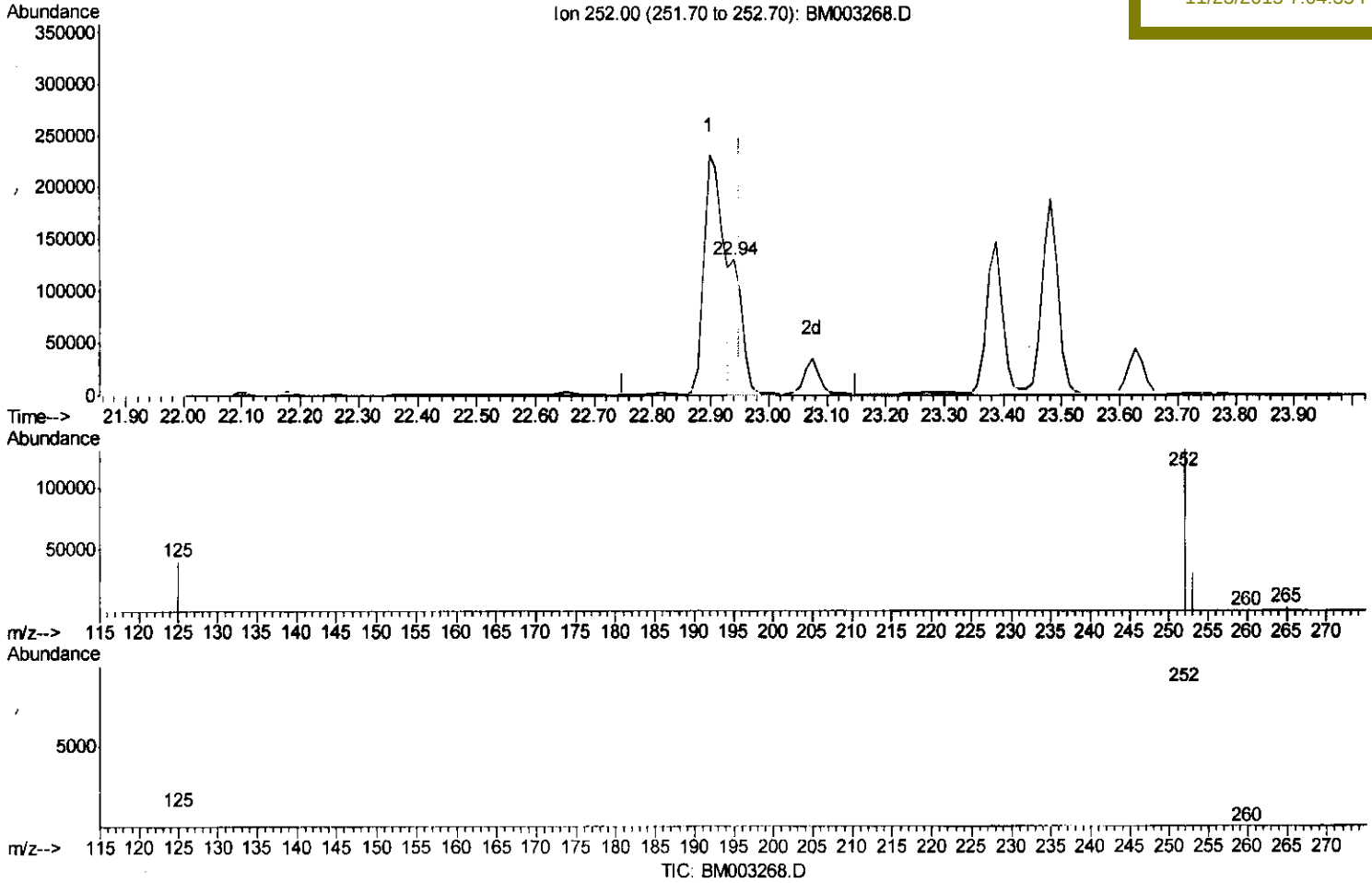
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003268.D
 Acq On : 22 Nov 2015 03:04
 Operator : UM/IZ
 Sample : G4345-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J54

Quant Time: Nov 22 05:26:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 04:42:03 2015
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Manual Integrations
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(24) Benzo(k)fluoranthene

22.939min (-0.010) 0.83ng/ul m

response 179212

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	23.79
125.00	13.00	31.24#
0.00	0.00	0.00

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Quantitation Report (Qedit)

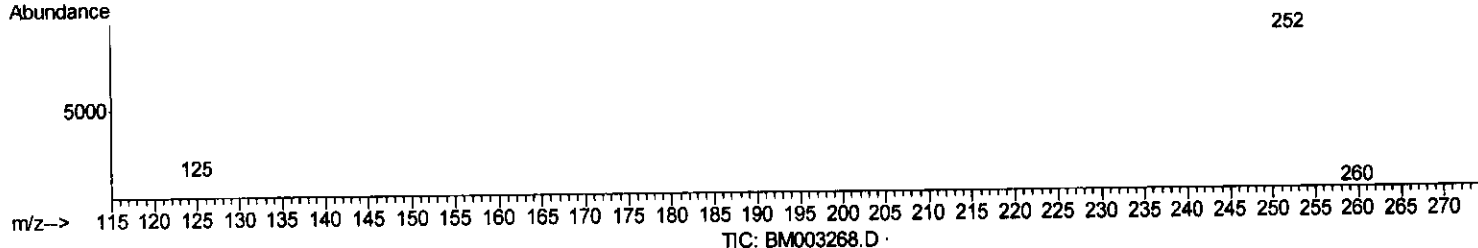
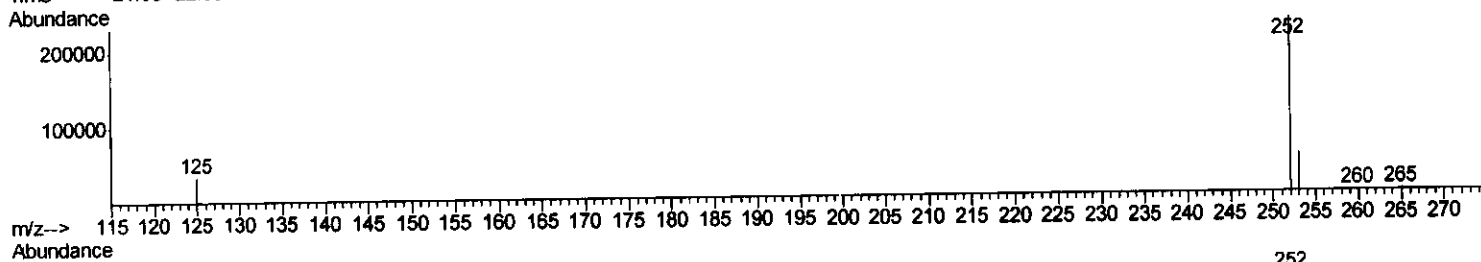
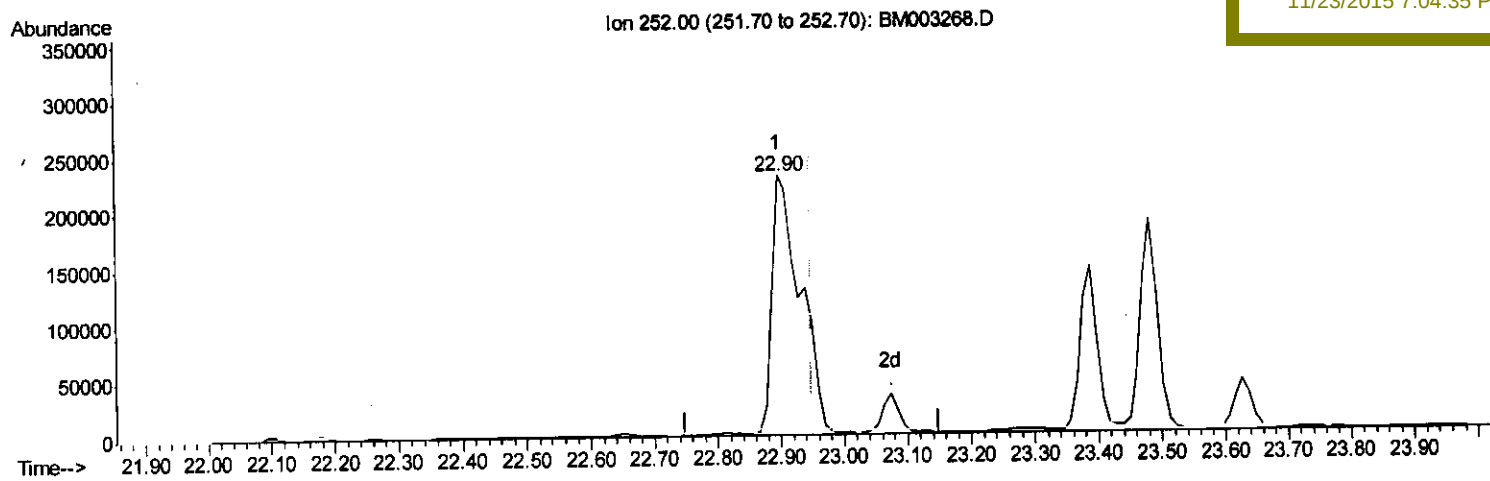
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003268.D
 Acq On : 22 Nov 2015 03:04
 Operator : UM/IZ
 Sample : G4345-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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(24) Benzo(k)fluoranthene

22.897min (-0.052) 3.32ng/ul

response 713371

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	22.14
125.00	13.00	14.80
0.00	0.00	0.00

Quantitation Report (Qedit)

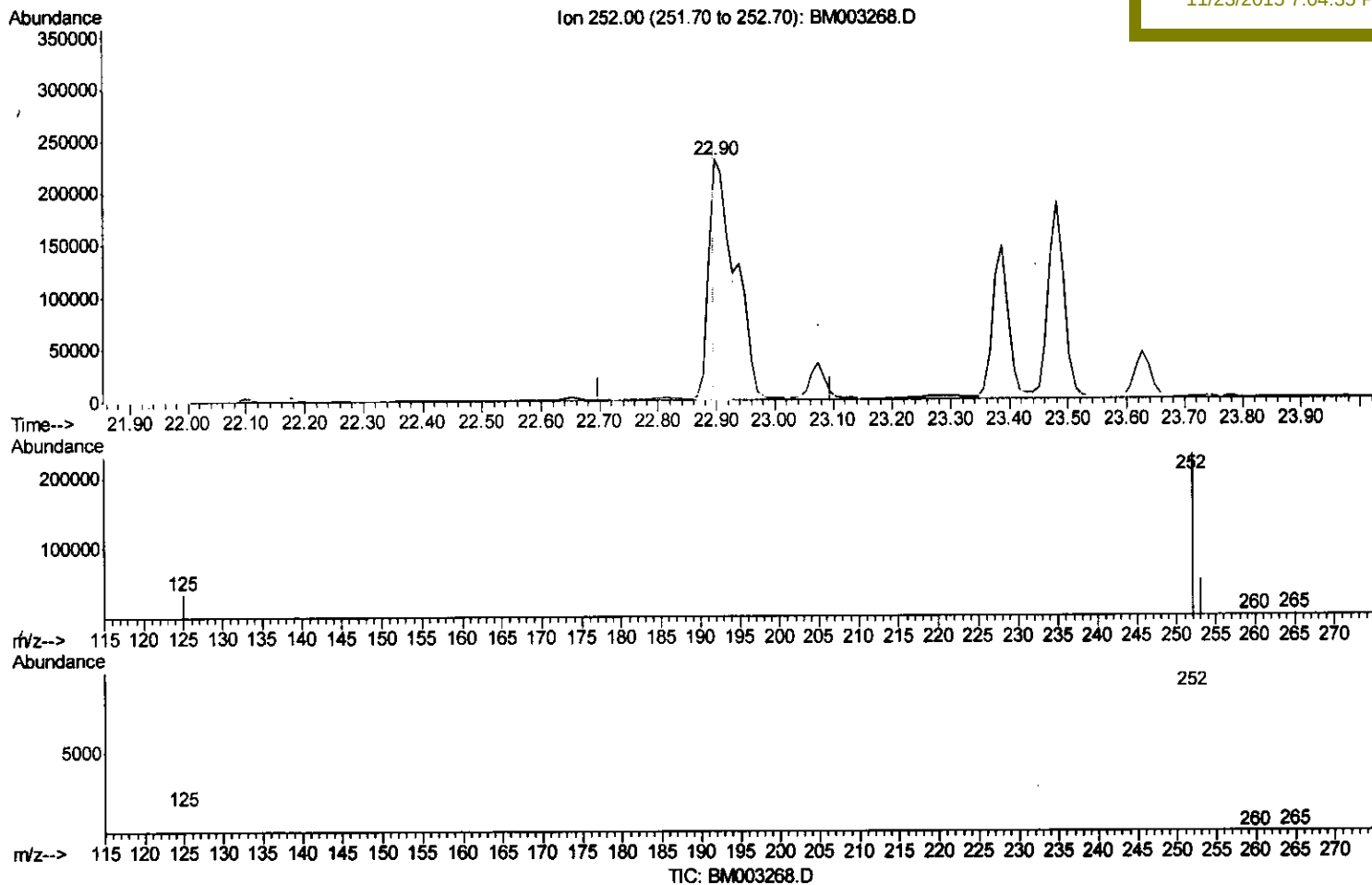
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003268.D
 Acq On : 22 Nov 2015 03:04
 Operator : UM/IZ
 Sample : G4345-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J54

Quant Time: Nov 22 05:26:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
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Manual Integrations
 APPROVED

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(23) Benzo(b)fluoranthene

22.897min (-0.000) 2.40ng/ul m

response 544475

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.14
125.00	14.40	14.80
0.00	0.00	0.00

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 11/25/15

Quantitation Report (Qedit)

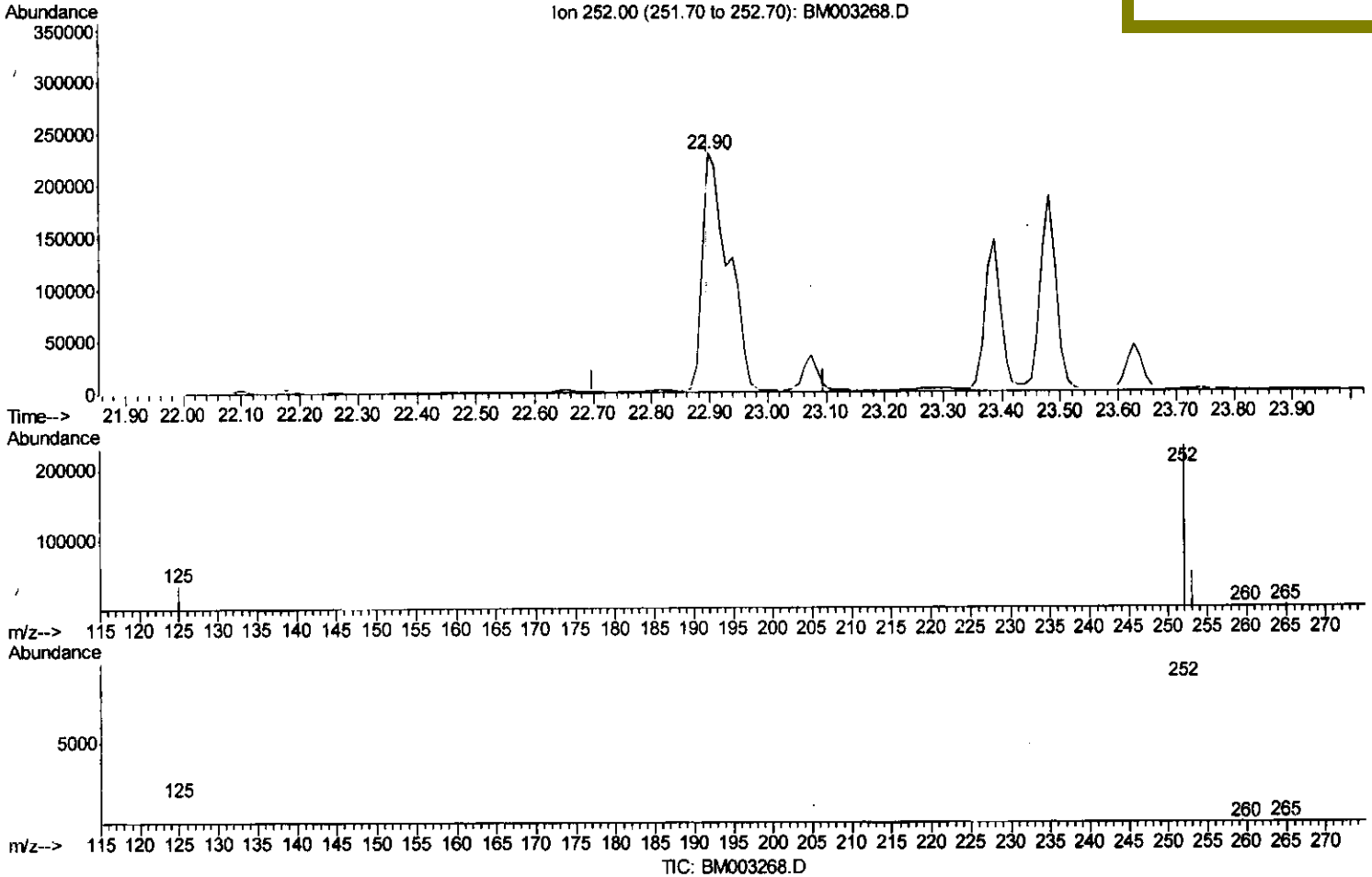
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003268.D
 Acq On : 22 Nov 2015 03:04
 Operator : UM/IZ
 Sample : G4345-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J54

Quant Time: Nov 22 05:26:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
 APPROVED

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(23) Benzo(b)fluoranthene

22.897min (-0.000) 3.14ng/ul

response 713371

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	22.14
125.00	14.40	14.80
0.00	0.00	0.00

Quantitation Report (Qedit)

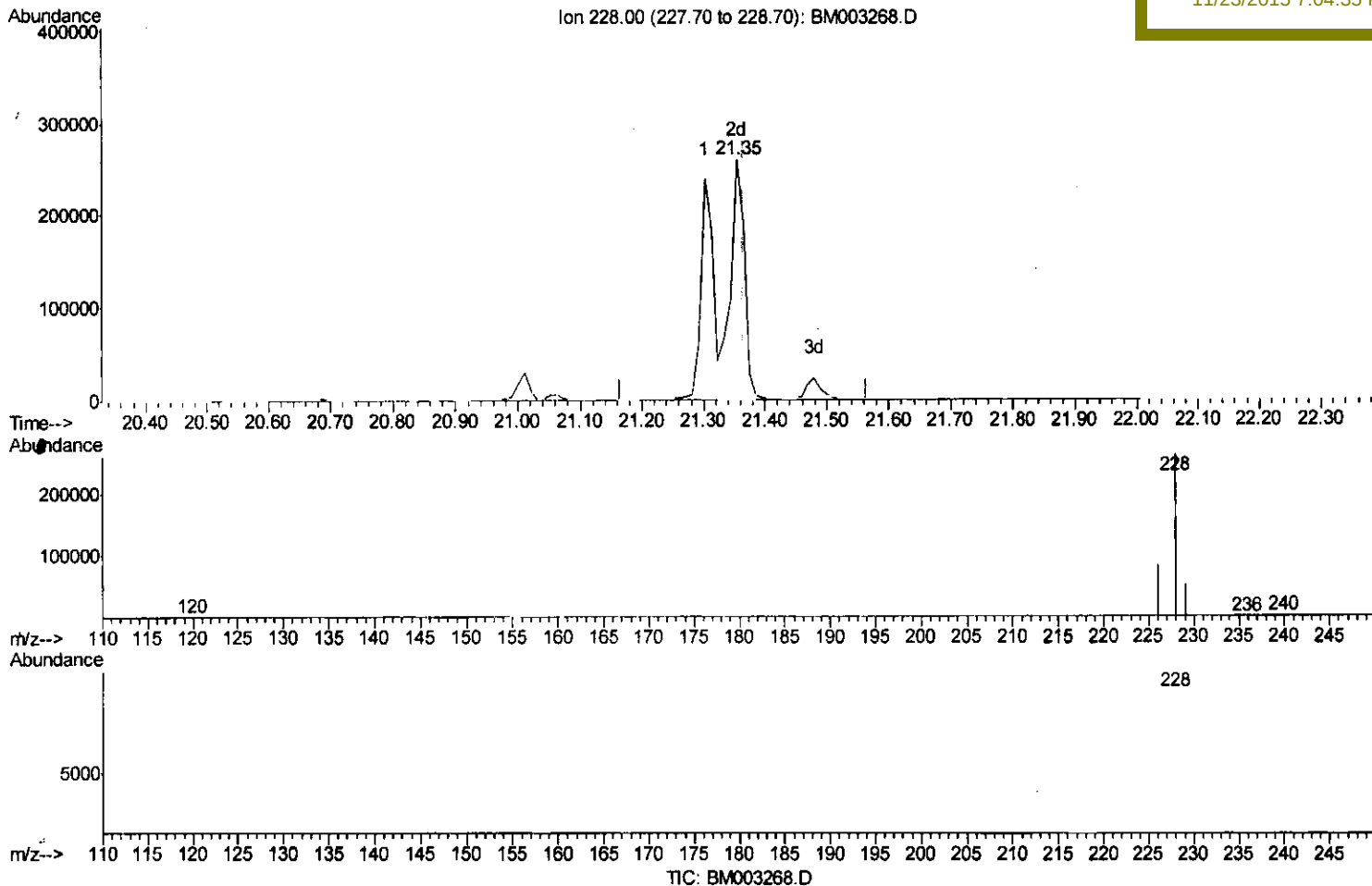
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003268.D
 Acq On : 22 Nov 2015 03:04
 Operator : UM/IZ
 Sample : G4345-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J54

Quant Time: Nov 22 05:26:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
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Manual Integrations
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(21) Chrysene

21.354min (-0.010) 2.19ng/ul m

response 406494

Ion Exp% Act%

228.00	100	100
226.00	26.50	32.00#
229.00	21.30	20.36
0.00	0.00	0.00

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 11/25/15

Quantitation Report (Qedit)

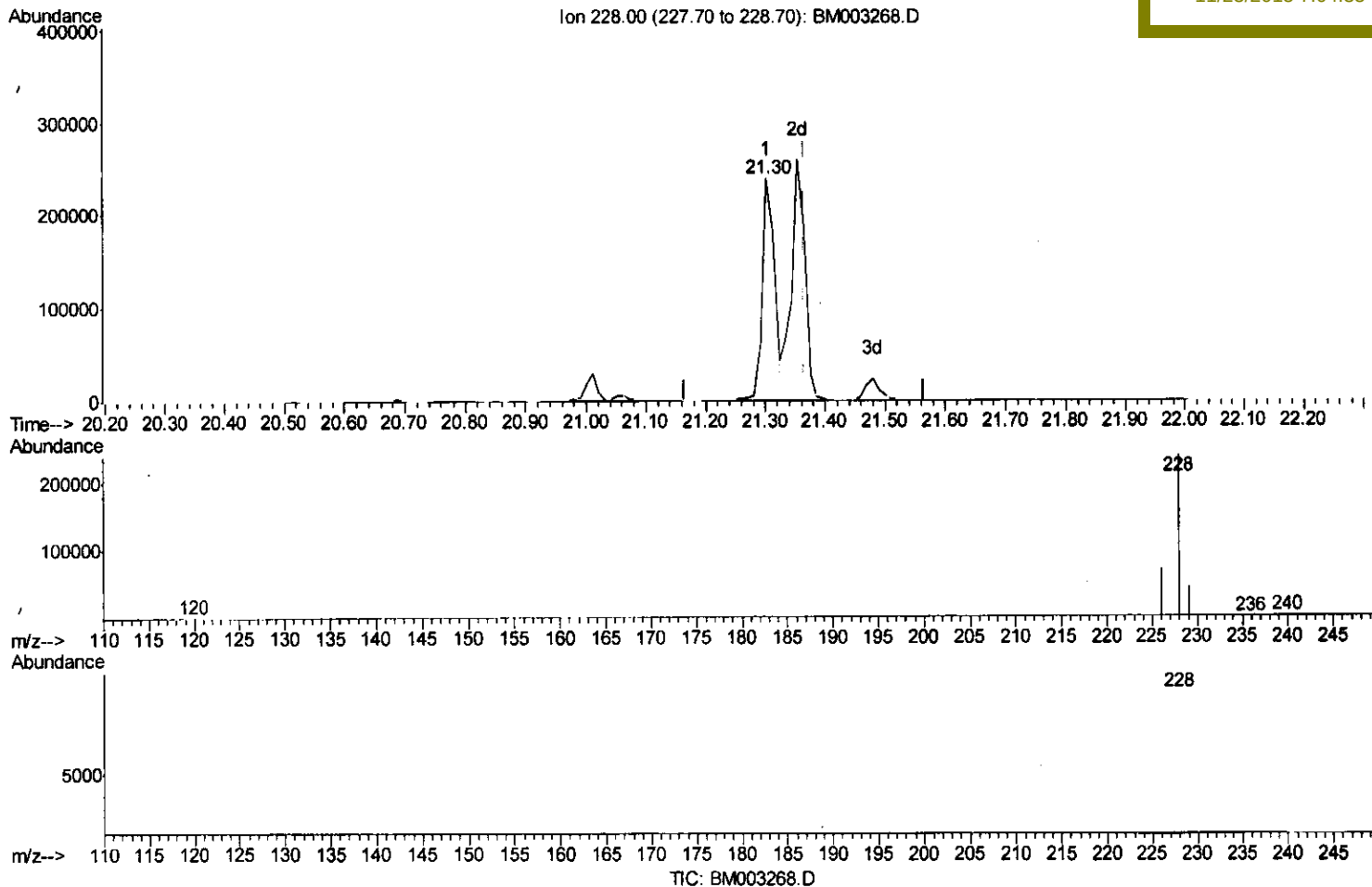
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003268.D
 Acq On : 22 Nov 2015 03:04
 Operator : UM/IZ
 Sample : G4345-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J54

Quant Time: Nov 22 05:26:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
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Manual Integrations
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Mmdadoda
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(21) Chrysene

21.302min (-0.063) 1.80ng/ul

response 334621

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	29.96
229.00	21.30	18.74
0.00	0.00	0.00

Quantitation Report (Qedit)

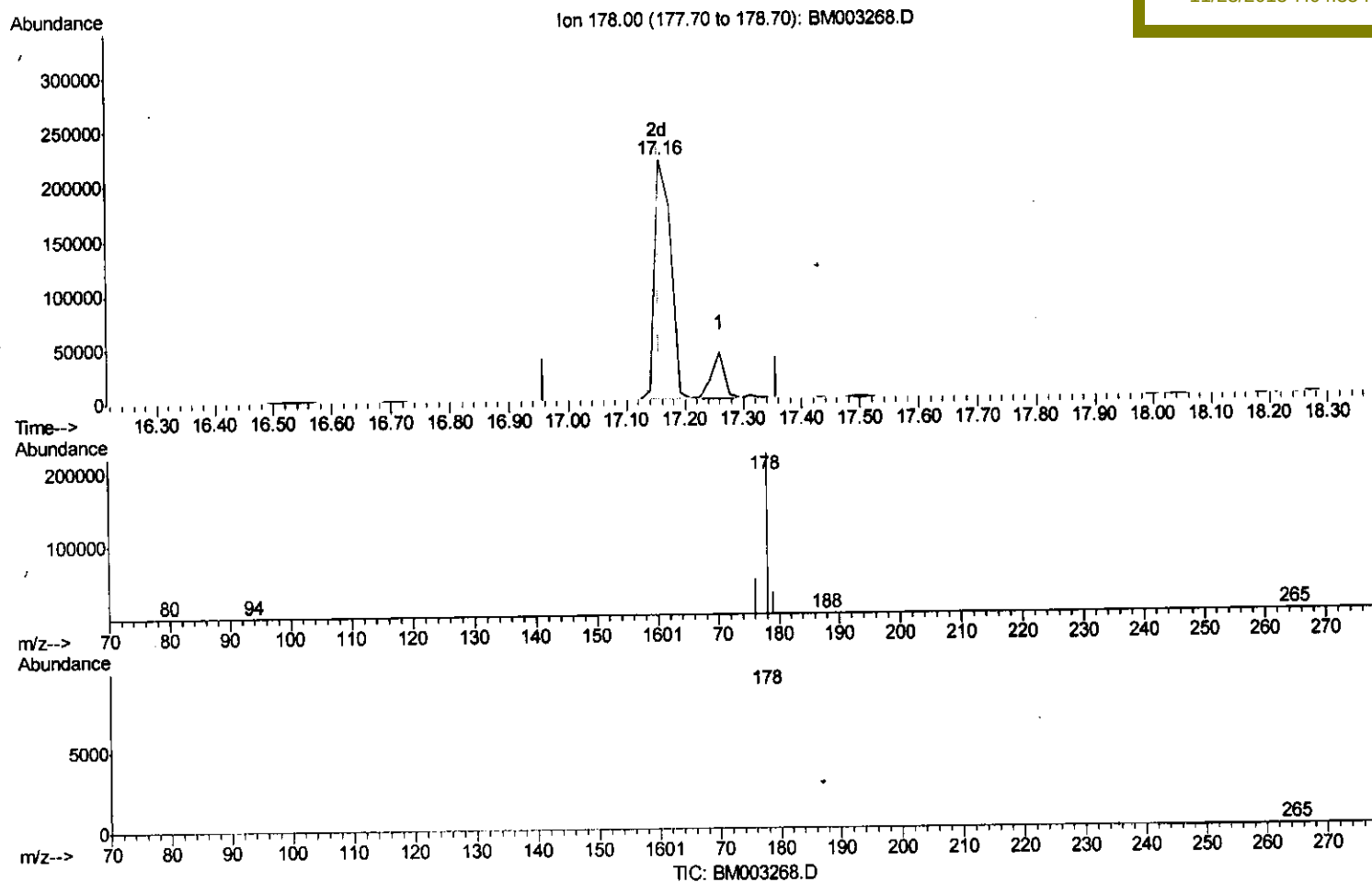
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003268.D
Acq On : 22 Nov 2015 03:04
Operator : UM/IZ
Sample : G4345-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4J54

Quant Time: Nov 22 05:26:58 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
APPROVED

Mmdadoda
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(14) Phenanthrene

17.157min (-0.000) 2.21ng/ul m

response 427783

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	21.92#
179.00	17.70	13.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

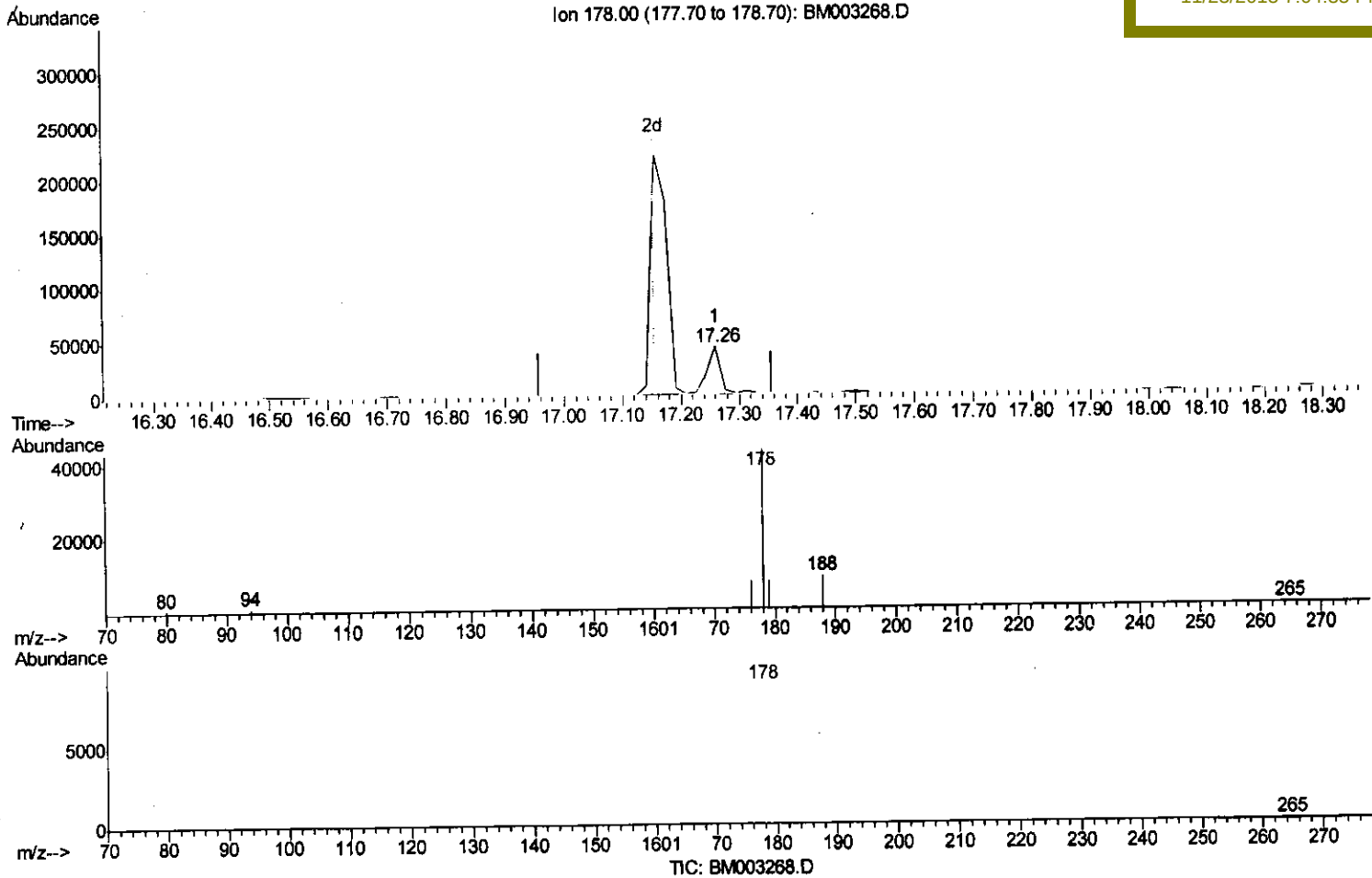
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003268.D
 Acq On : 22 Nov 2015 03:04
 Operator : UM/IZ
 Sample : G4345-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J54

Quant Time: Nov 22 05:26:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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(14) Phenanthrene

17.260min (+0.103) 0.37ng/ul

response 71948

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	17.15
179.00	17.70	16.93
0.00	0.00	0.00

Quantitation Report (Qedit)

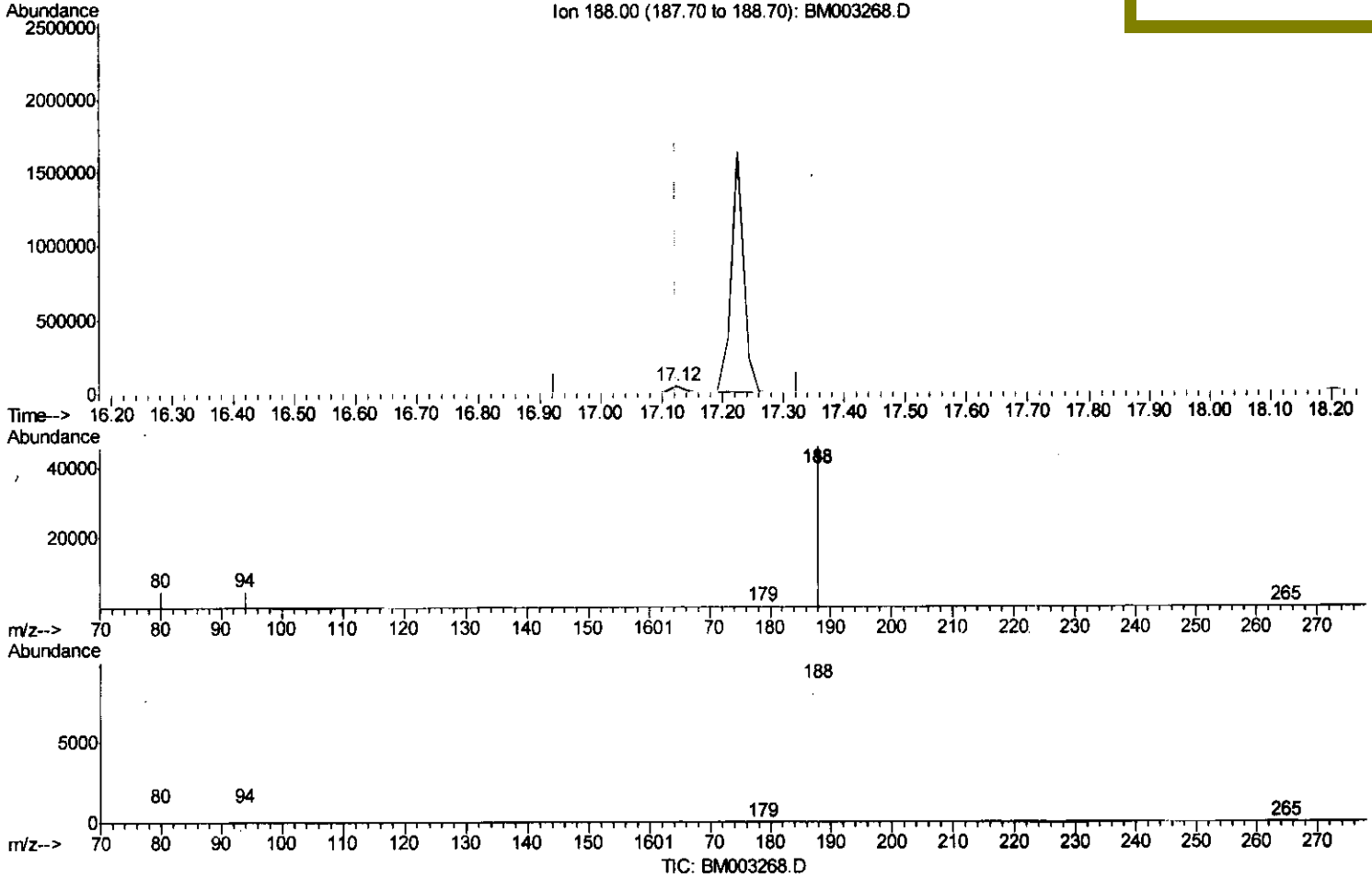
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003268.D
 Acq On : 22 Nov 2015 03:04
 Operator : UM/IZ
 Sample : G4345-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J54

Manual Integrations
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Quant Time: Nov 22 04:49:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 04:42:03 2015
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(12) Phenanthrene-d10 (I)

17.123min (-0.000) 0.40ng/ul m

response 66591

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.71
80.00	11.90	10.43
0.00	0.00	0.00

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Quantitation Report (Qedit)

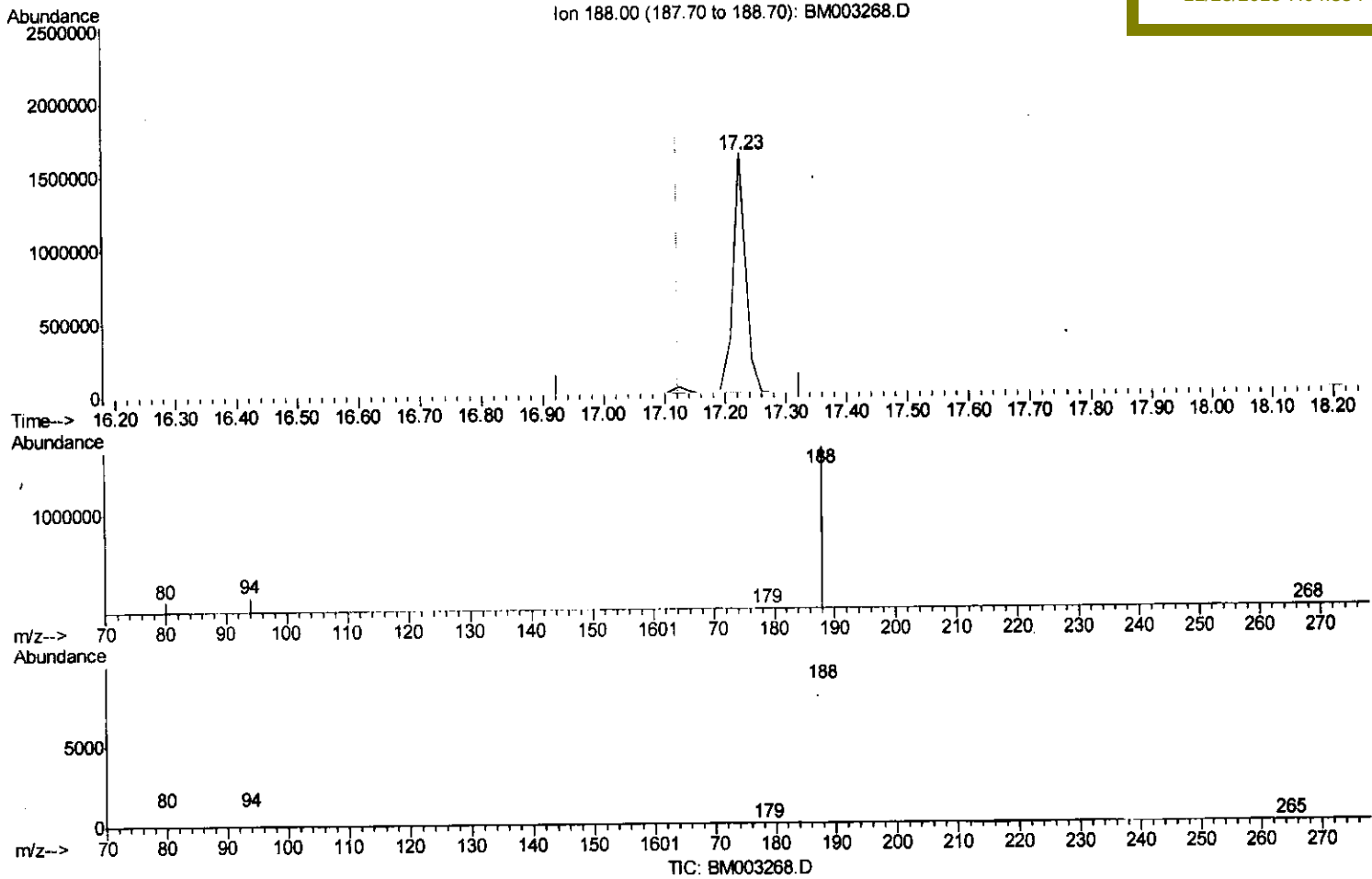
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
 Data File : BM003268.D
 Acq On : 22 Nov 2015 03:04
 Operator : UM/IZ
 Sample : G4345-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J54

Quant Time: Nov 22 04:49:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 04:42:03 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:04:35 PM



(12) Phenanthrene-d10 (I)

17.226min (+0.103) 0.40ng/ui

response 2304789

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	8.91#
80.00	11.90	6.54#
0.00	0.00	0.00

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
 Data File : BM003268.D
 Acq On : 22 Nov 2015 03:04
 Operator : UM/IZ
 Sample : G4345-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J54

Quant Time: Nov 22 05:28:23 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
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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	7.74	152	15367	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	63764	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	35524	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	66591m	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	56822	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	59734	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	48732	2.97	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.12	152	15881	0.18	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	25331	0.16	ng/ul	0.00
Target Compounds						Ovalue
5) Naphthalene	10.57	128	20942	0.13	ng/ul	97
7) 2-Methylnaphthalene	12.19	142	9704	0.09	ng/ul#	100
9) Acenaphthylene	14.09	152	24890	0.17	ng/ul	98
13) Pentachlorophenol	16.78	266	2625	0.17	ng/ul	96
14) Phenanthrene	17.16	178	427783m	2.21	ng/ul	
15) Anthracene	17.26	178	70914	0.44	ng/ul	99
17) Fluoranthene	19.19	202	865815	4.04	ng/ul	99
19) Pyrene	19.55	202	782508	4.02	ng/ul	99
20) Benzo(a)anthracene	21.30	228	334621	2.03	ng/ul#	90
21) Chrysene	21.35	228	406494m	2.19	ng/ul	
23) Benzo(b)fluoranthene	22.90	252	544475m	2.40	ng/ul	
24) Benzo(k)fluoranthene	22.94	252	179212m	0.83	ng/ul	
25) Benzo(a)pyrene	23.48	252	351366	1.74	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.86	276	254951	1.06	ng/ul#	94
27) Dibenzo(a,h)anthracene	25.87	278	58479	0.30	ng/ul#	86
28) Benzo(a,h,i)perylene	26.56	276	257601	1.22	ng/ul	99

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

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