

Quantitation Report (QT Reviewed)

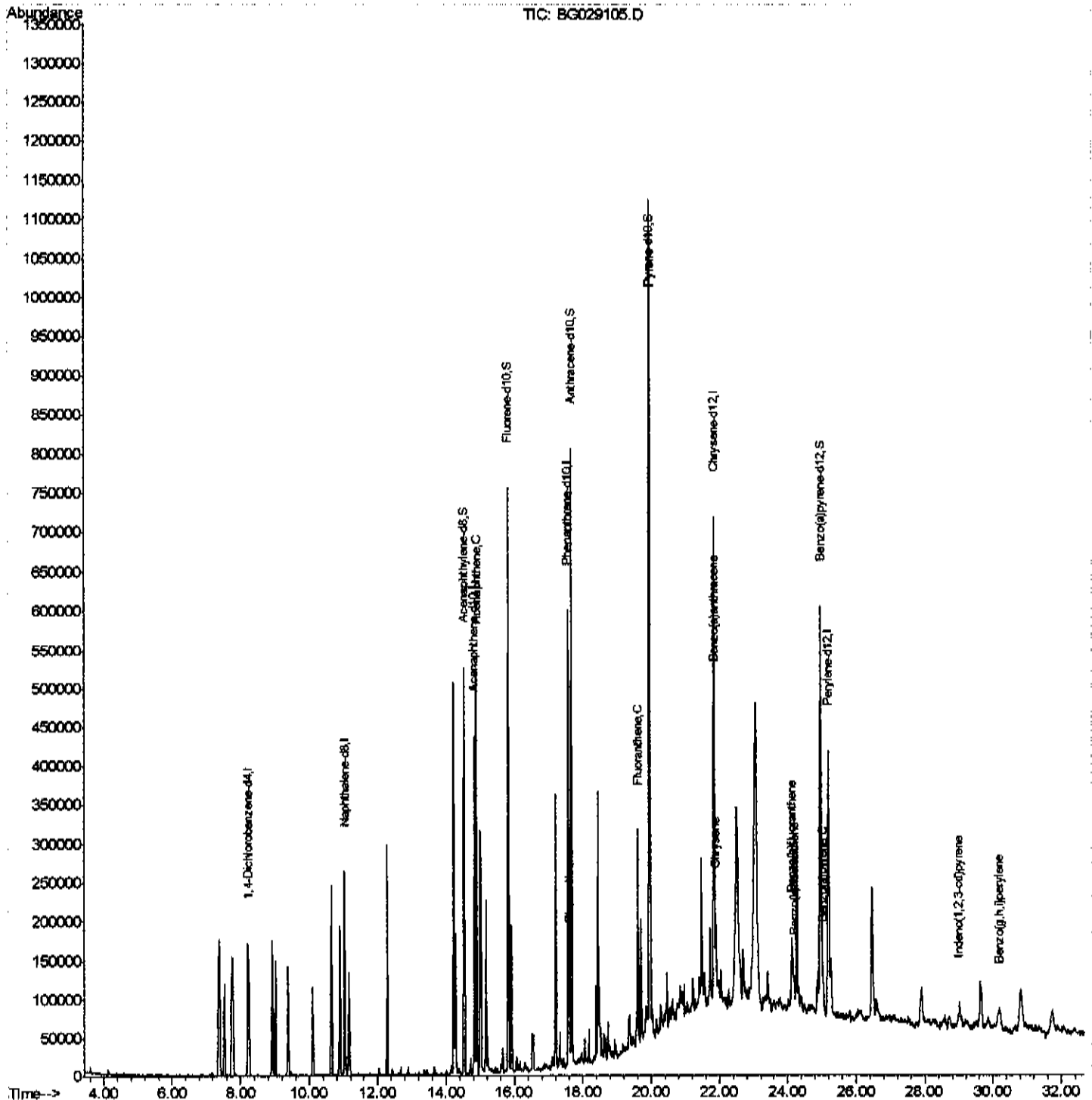
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029105.D
 Acq On : 9 Oct 2017 13:19
 Operator : SJ/JU
 Sample : I5578-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAGC5MS

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:26 PM

Quant Time: Oct 10 05:20:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

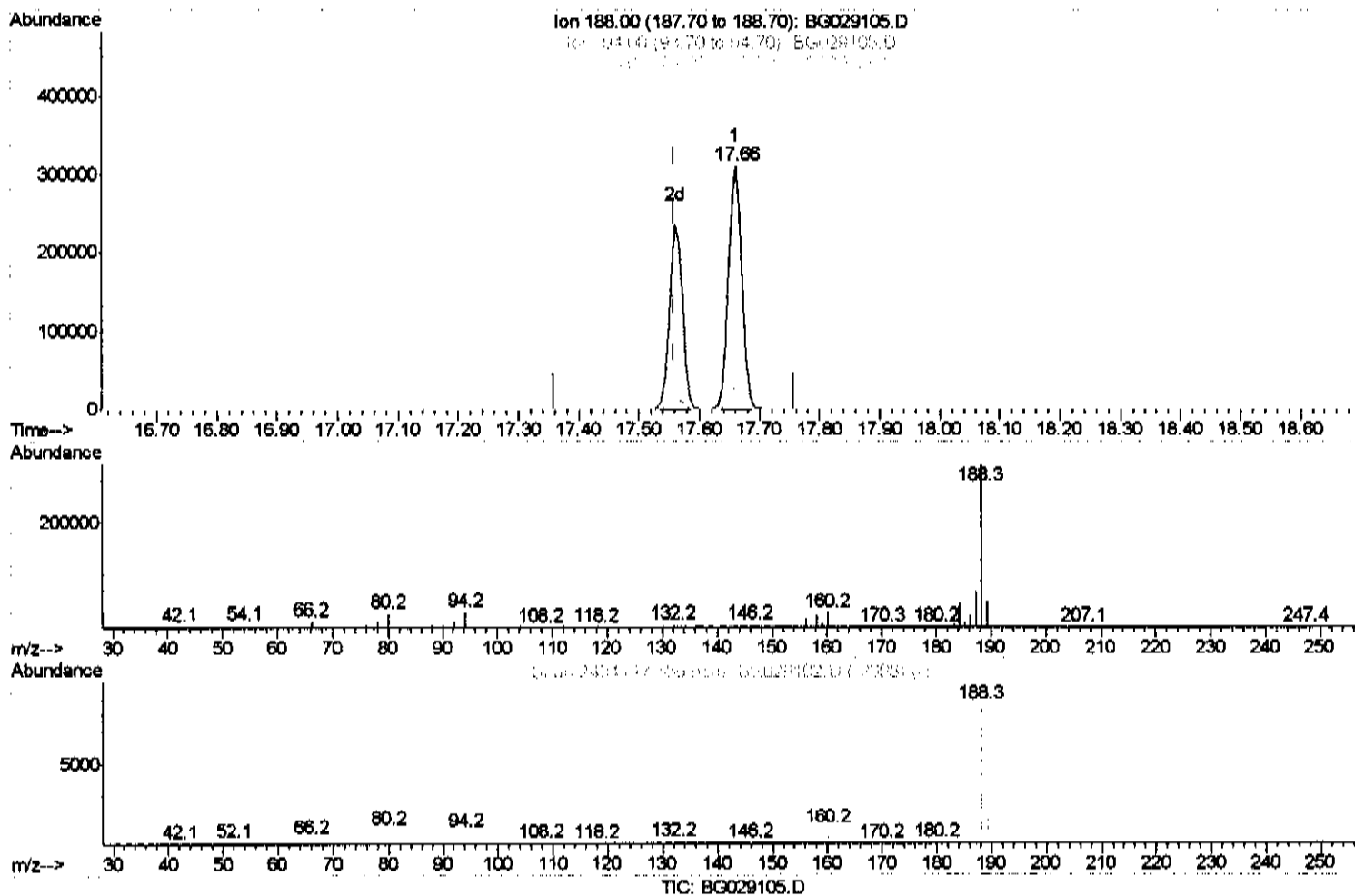
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Quant Time: Oct 10 04:47:09 2017
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(12) Phenanthrene-d10 (I)

17.660min (+0.101) 20.00ng/ul

response 478069

Ion	Exp%	Act%
188.00	100	100
94.00	9.30	9.29
80.00	10.60	8.58
0.00	0.00	0.00

Quantitation Report (Qedit)

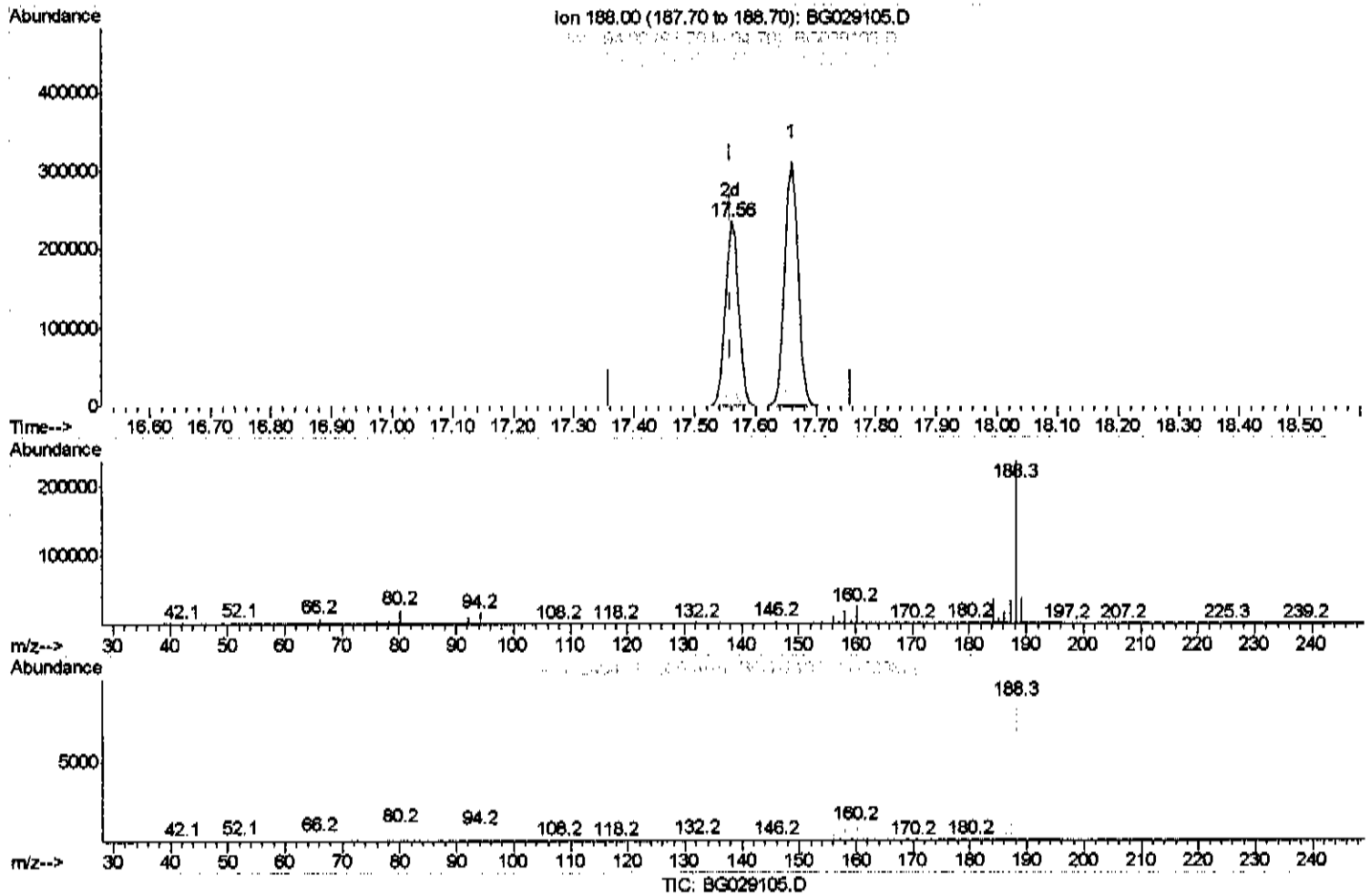
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(12) Phenanthrene-d10 (I)

17.560min (+0.001) 20.00ng/ul m

response 357241

Ion	Exp%	Act%
188.00	100	100
94.00	9.30	7.20%
80.00	10.60	9.30
0.00	0.00	0.00

Quantitation Report (Qedit)

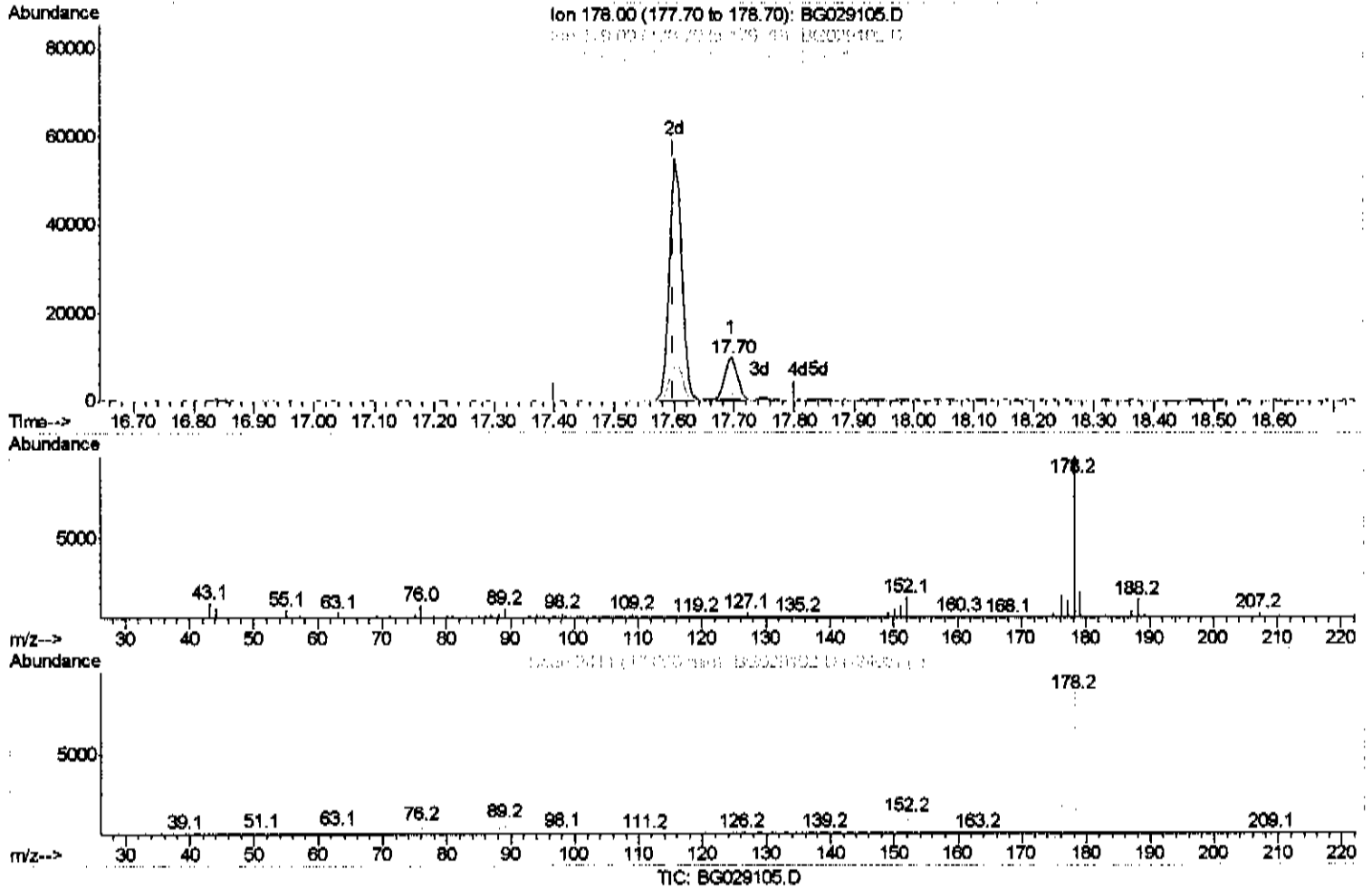
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Quant Time: Oct 10 05:16:40 2017
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(13) Phenanthrene

17.695min (+0.095) 0.78ng/ul

response 14795

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	17.96
176.00	18.90	15.62
0.00	0.00	0.00

Quantitation Report (Qedit)

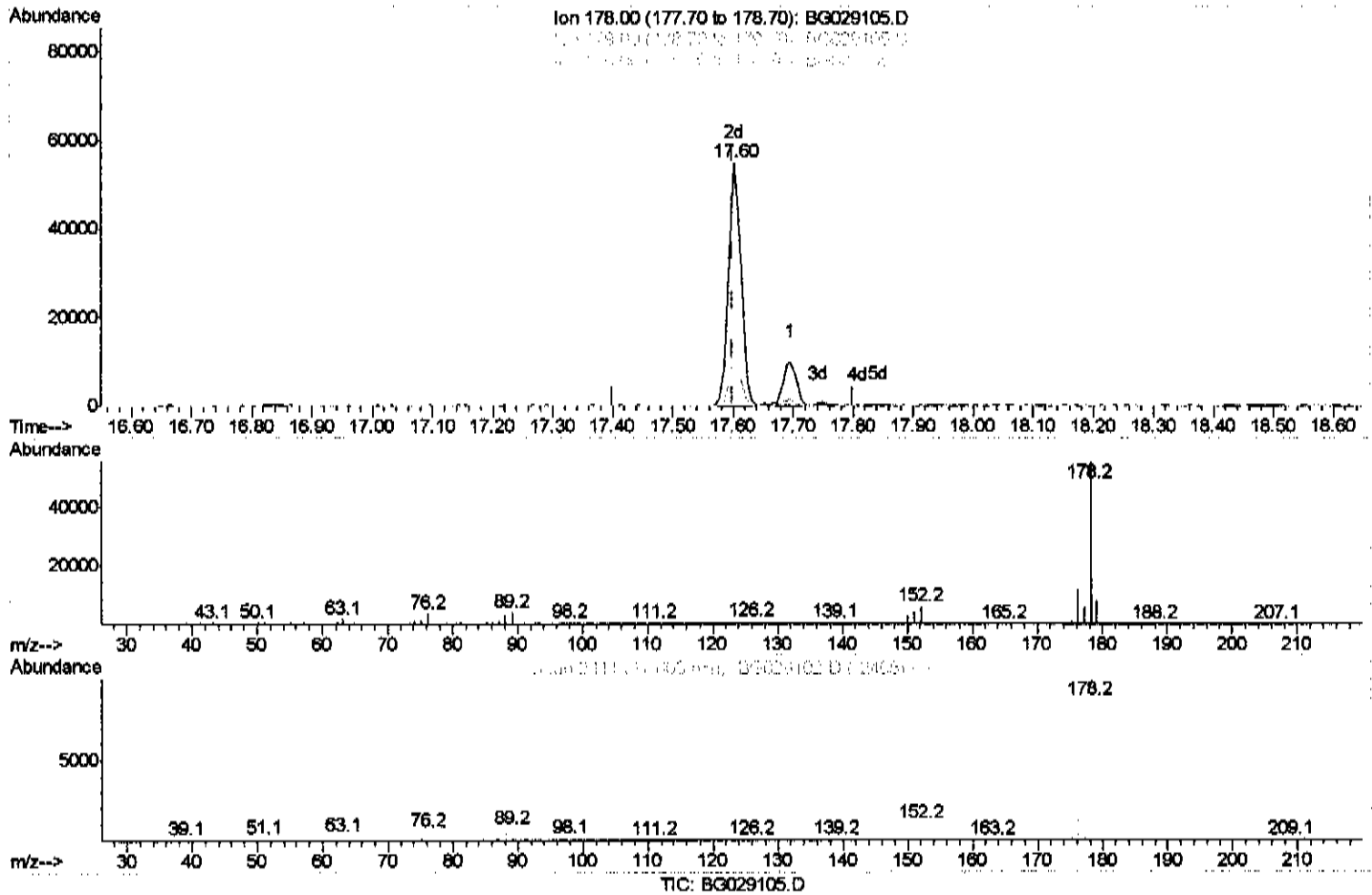
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 Data File : BG029105.D
 Acq On : 9 Oct 2017 13:19
 Operator : SJ/JU
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 Misc :
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(13) Phenanthrene

17.601min (+0.001) 4.20ng/ul m

response 80006

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	14.63
176.00	18.90	21.71
0.00	0.00	0.00

Quantitation Report (Qedit)

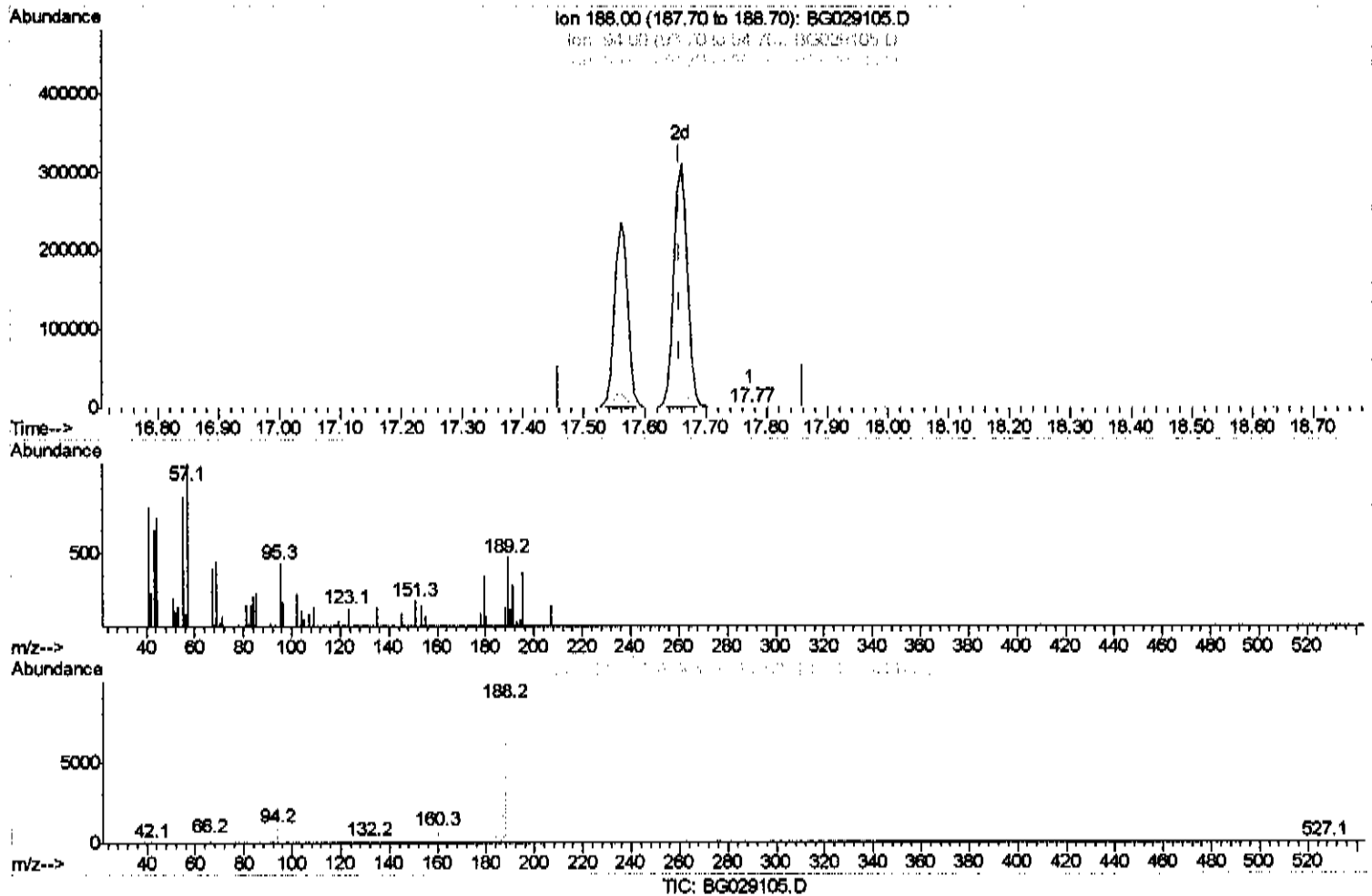
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(14) Anthracene-d10 (S)

17.771min (+0.113) 0.03ng/ul

response 520

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	0.00%
80.00	11.80	0.00%
0.00	0.00	0.00

Quantitation Report (Qedit)

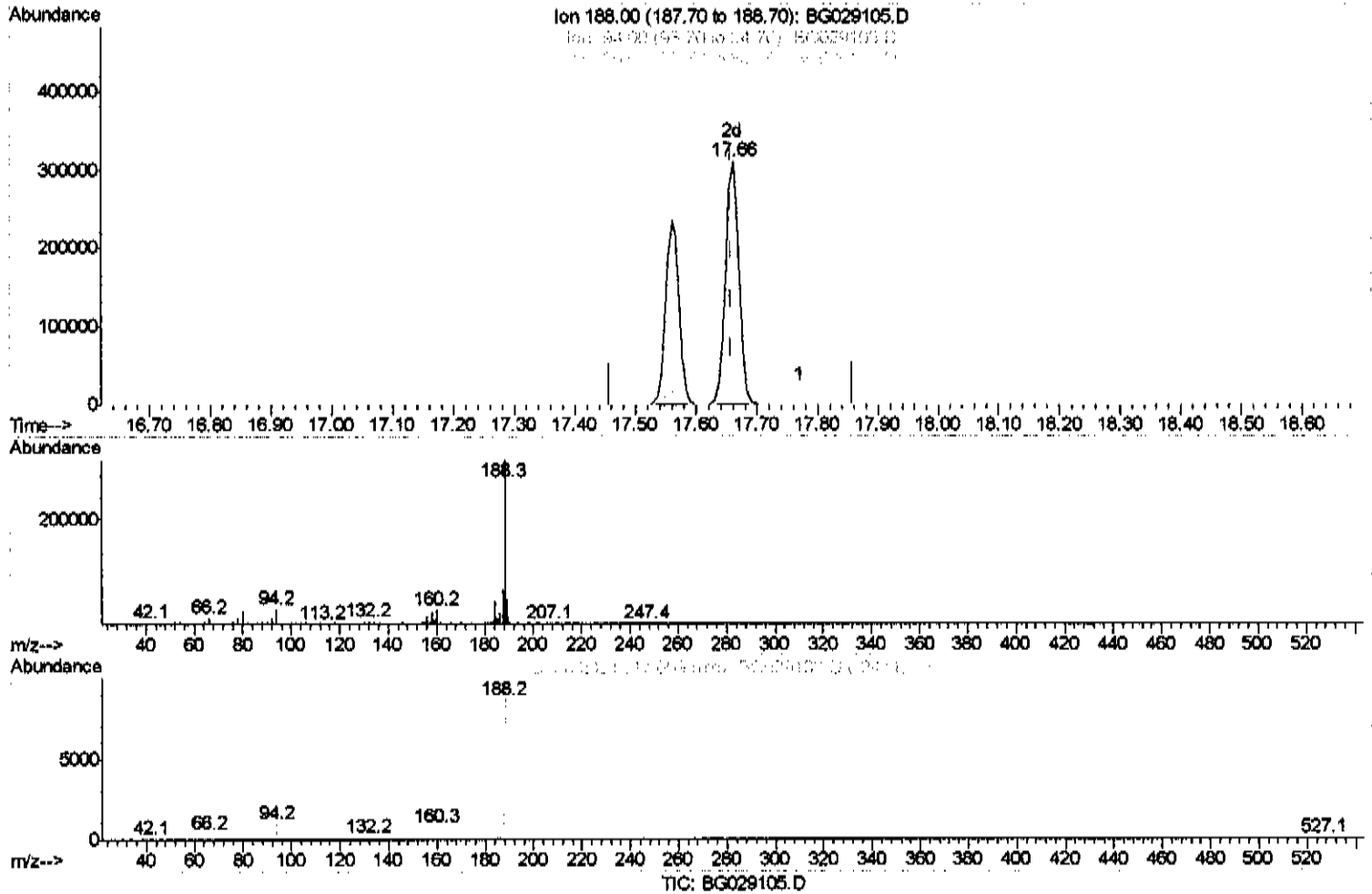
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029105.D
 Acq On : 9 Oct 2017 13:19
 Operator : SJ/JU
 Sample : I5578-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAGC5MS

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Sohil
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(14) Anthracene-d10 (S)

17.660min (+0.001) 27.68ng/ul m

response 478967

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	9.29
80.00	11.80	8.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

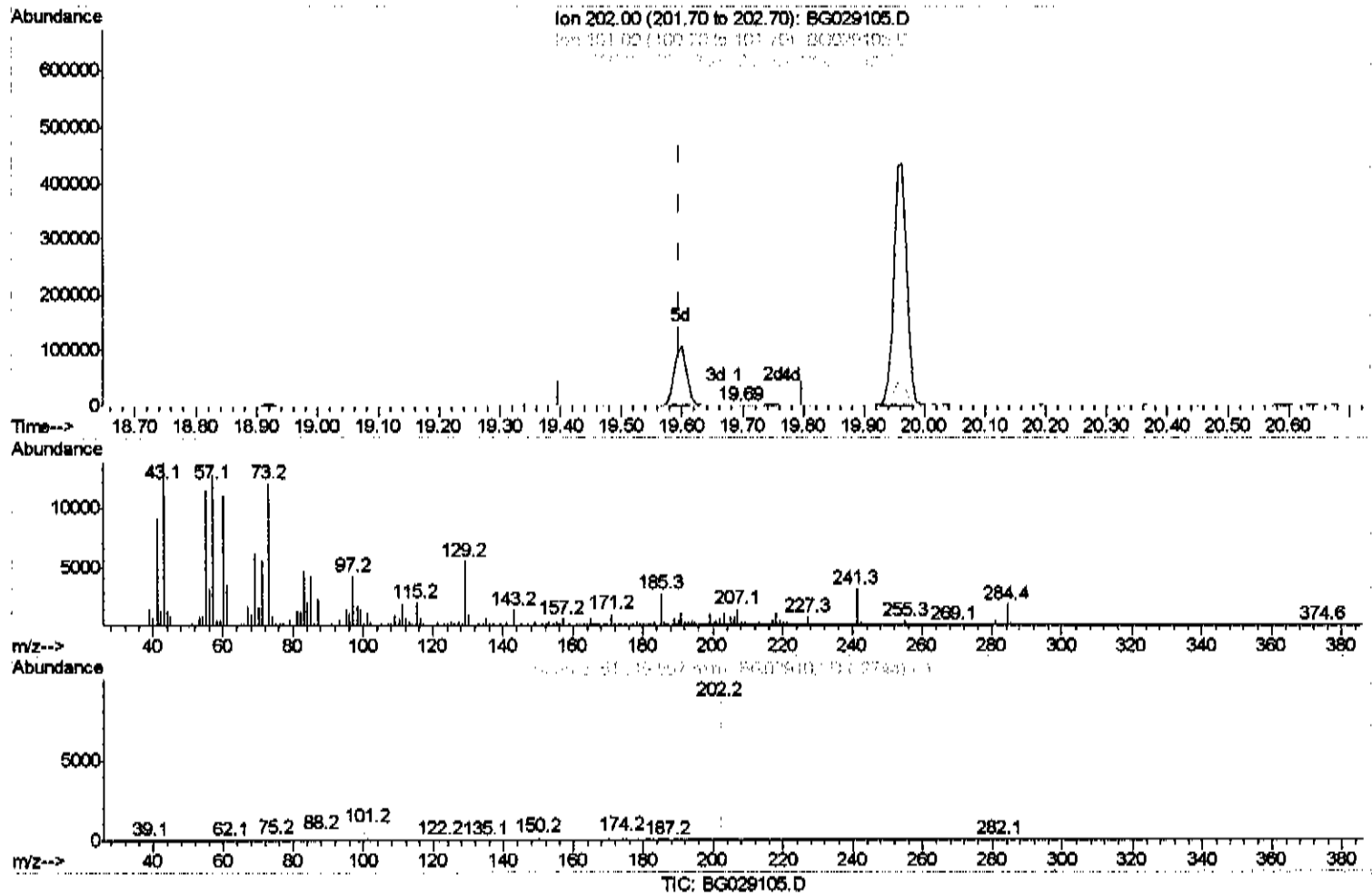
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029105.D
 Acq On : 9 Oct 2017 13:19
 Operator : SJ/JU
 Sample : I5578-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAGC5MS

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:26 PM

Quant Time: Oct 10 05:17:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
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(16) Fluoranthene (C)

19.692min (+0.095) 0.03ng/ui

response 777

Ion	Exp%	Act%
202.00	100	100
101.00	12.40	162.67#
100.00	9.20	63.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

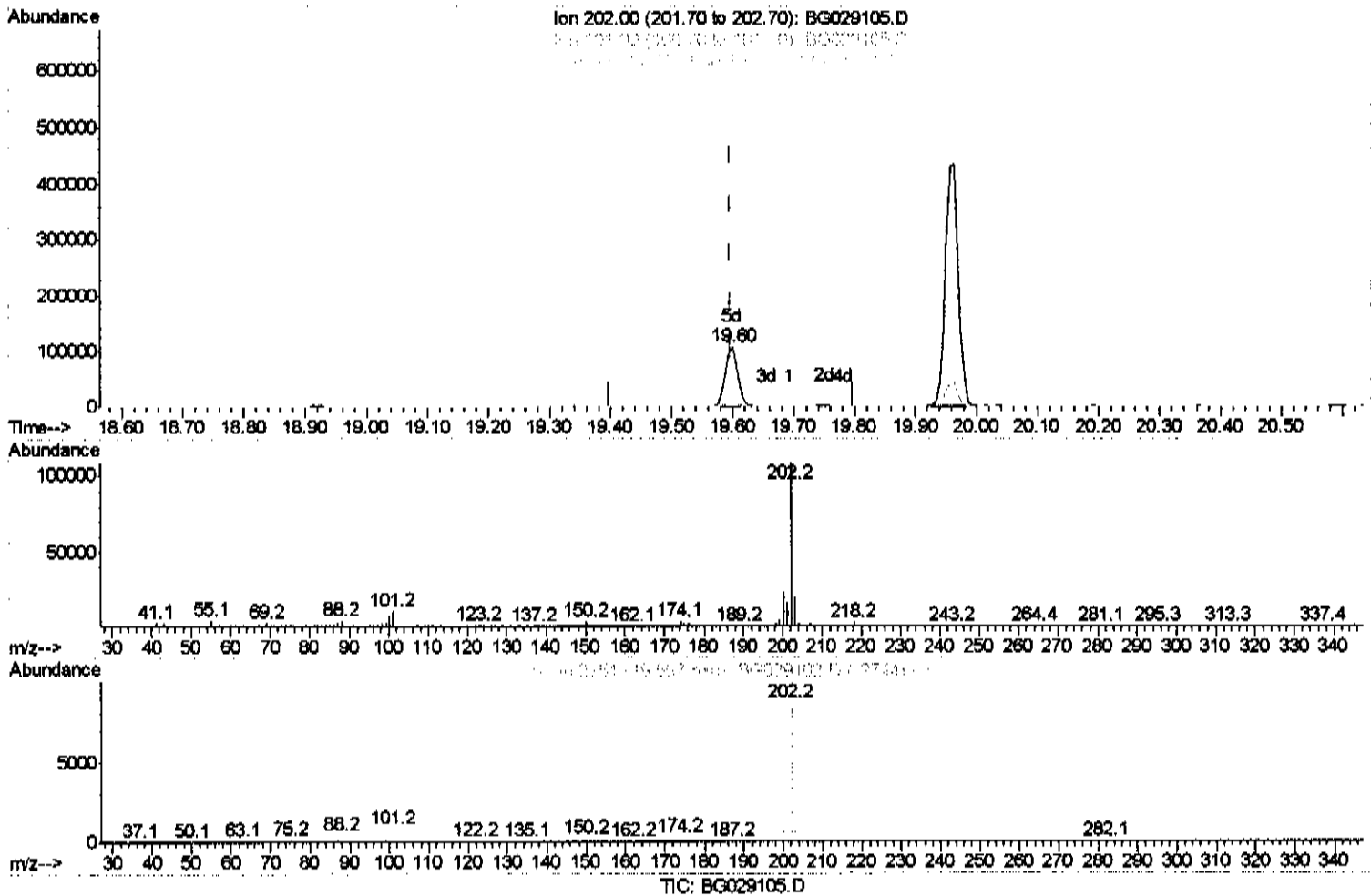
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029105.D
 Acq On : 9 Oct 2017 13:19
 Operator : SJ/JU
 Sample : I5578-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAGC5MS

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:26 PM

Quant Time: Oct 10 05:17:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration



(16) Fluoranthene (C)

19.598min (+0.001) 6.86ng/uI m

response 153185

Ion	Exp%	Act%
202.00	100	100
101.00	12.40	9.57#
100.00	9.20	7.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

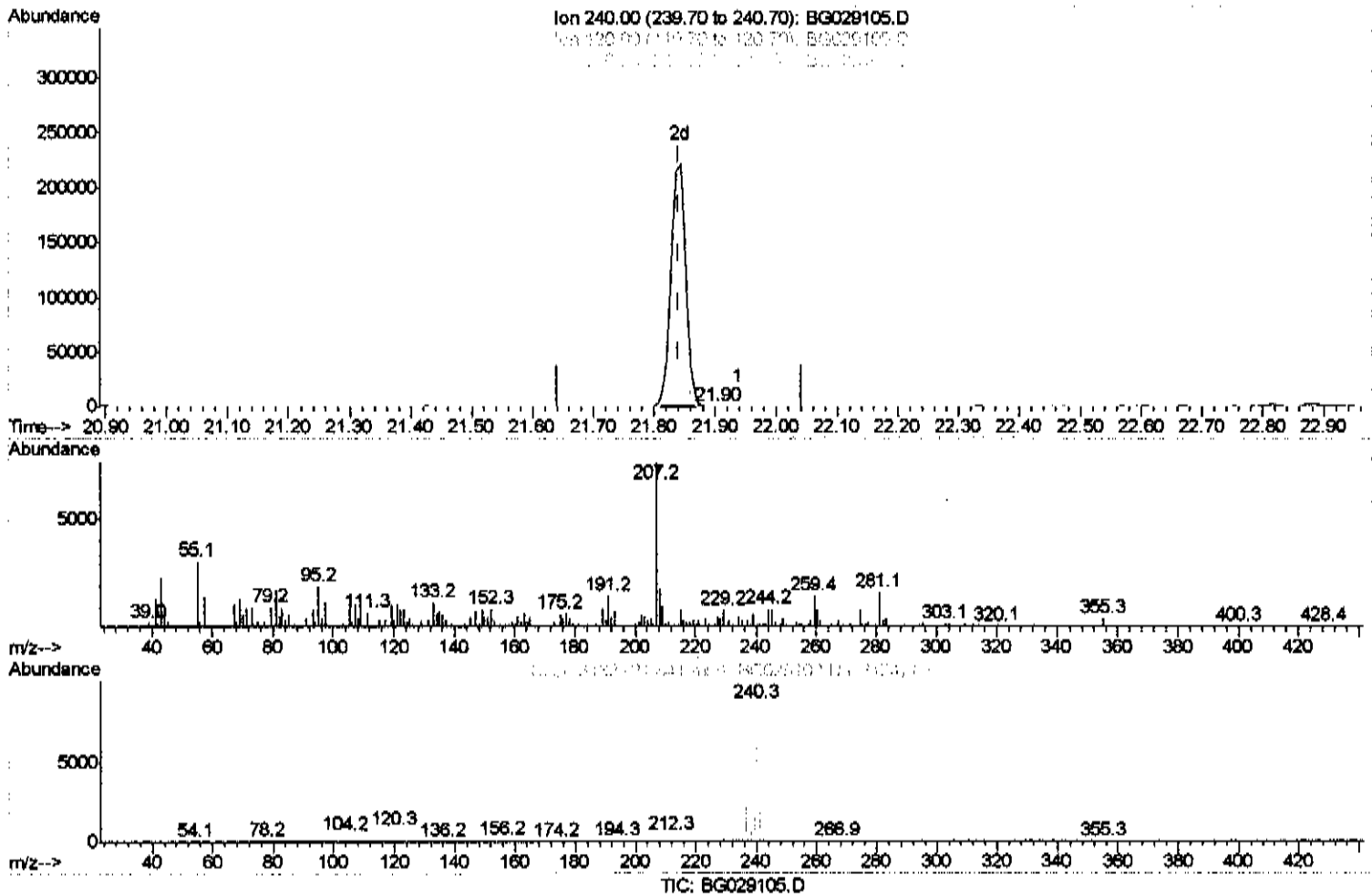
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029105.D
 Acq On : 9 Oct 2017 13:19
 Operator : SJ/JU
 Sample : I5578-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAGC5MS

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:26 PM

Quant Time: Oct 10 05:17:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
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(17) Chrysene-d12 (I)

21.936min (+0.095) 20.00ng/ul

response 418

Ion	Exp%	Act%
240.00	100	100
120.00	10.20	127.96#
236.00	27.20	44.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

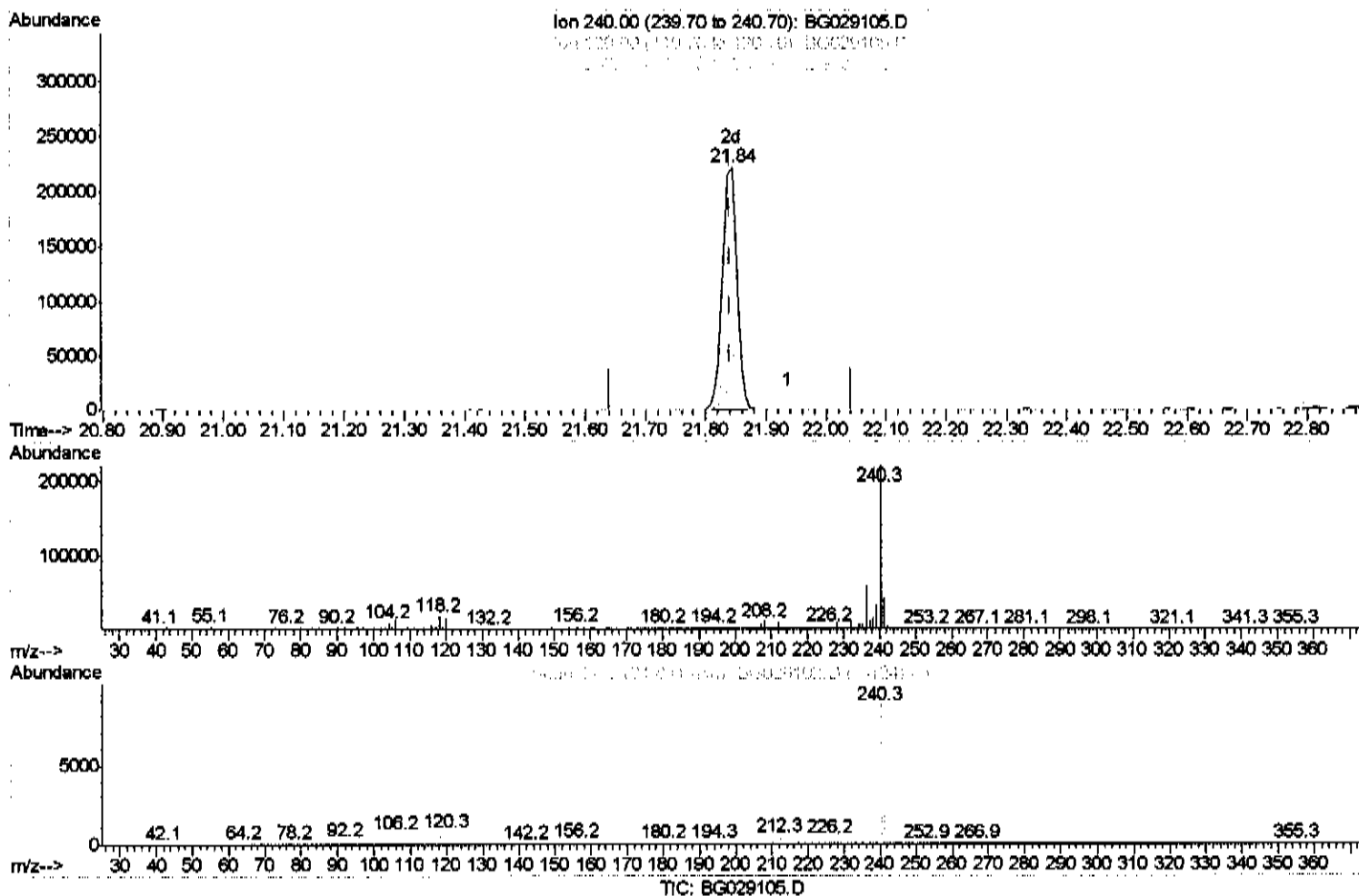
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029105.D
 Acq On : 9 Oct 2017 13:19
 Operator : SJ/JU
 Sample : I5578-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAGC5MS

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:26 PM

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(17) Chrysene-d12 (I)

21.842min (+0.001) 20.00ng/ul m

response 378024

Ion	Exp%	Act%
240.00	100	100
120.00	10.20	7.27%
236.00	27.20	25.99
0.00	0.00	0.00

Quantitation Report (Qedit)

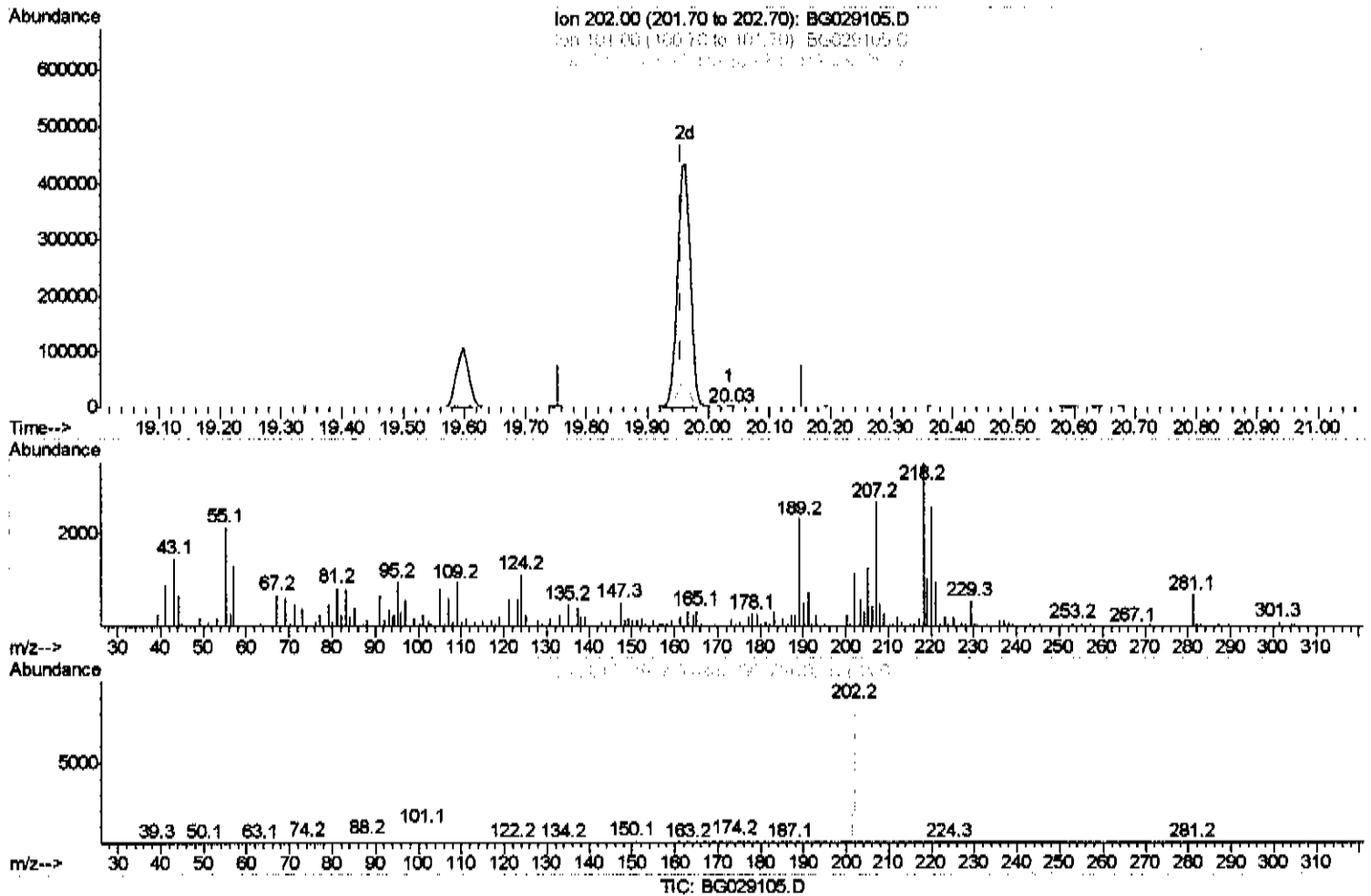
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 DAGC5MS

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:03:26 PM

Quant Time: Oct 10 05:19:18 2017
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(19) Pyrene

20.033min (+0.078) 0.07ng/ul

response 1666

Ion	Exp%	Act%
202.00	100	100
101.00	13.70	32.10#
100.00	10.10	18.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

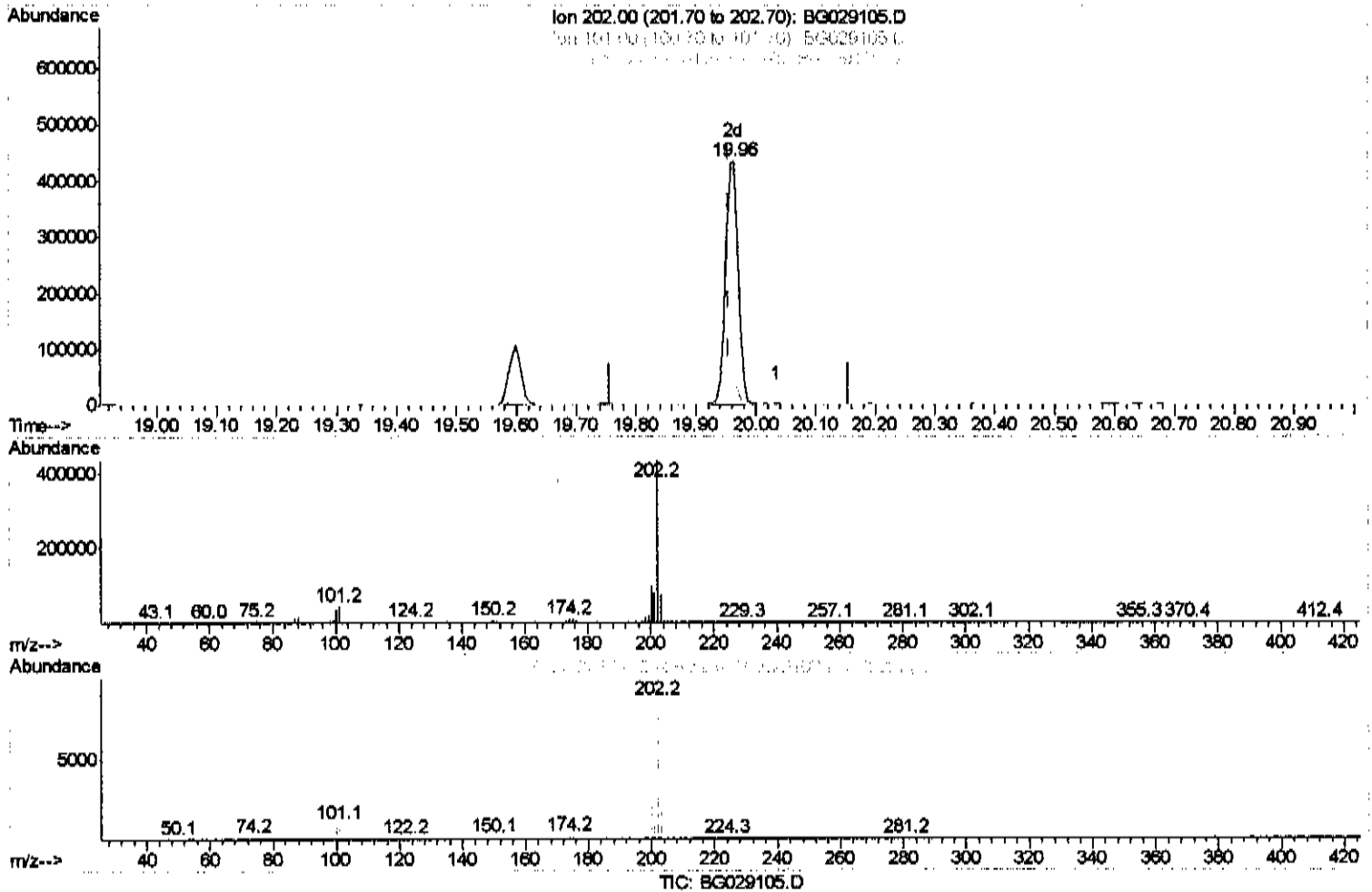
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029105.D
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 Sample : I5578-02MS
 Misc :
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(19) Pyrene

19.963min (+0.007) 27.25ng/ul *2010/10/17*

response 642145

Ion	Exp%	Act%
202.00	100	100
101.00	13.70	10.04#
100.00	10.10	8.42
0.00	0.00	0.00

Quantitation Report (Qedit)

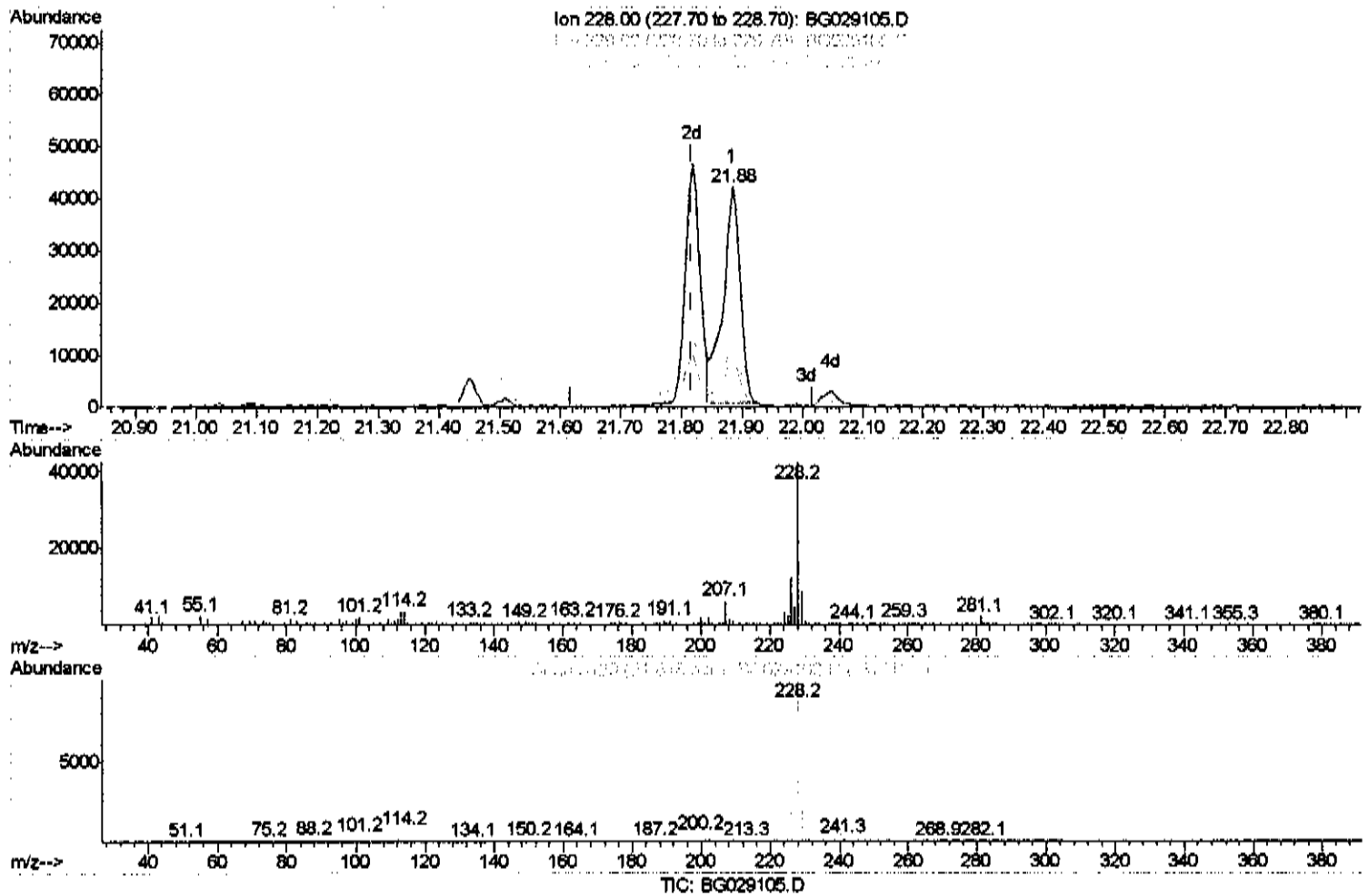
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(20) Benzo(a)anthracene

21.884min (+0.066) 3.67ng/ul

response 81718

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.65
226.00	26.40	28.61
0.00	0.00	0.00

Quantitation Report (Qedit)

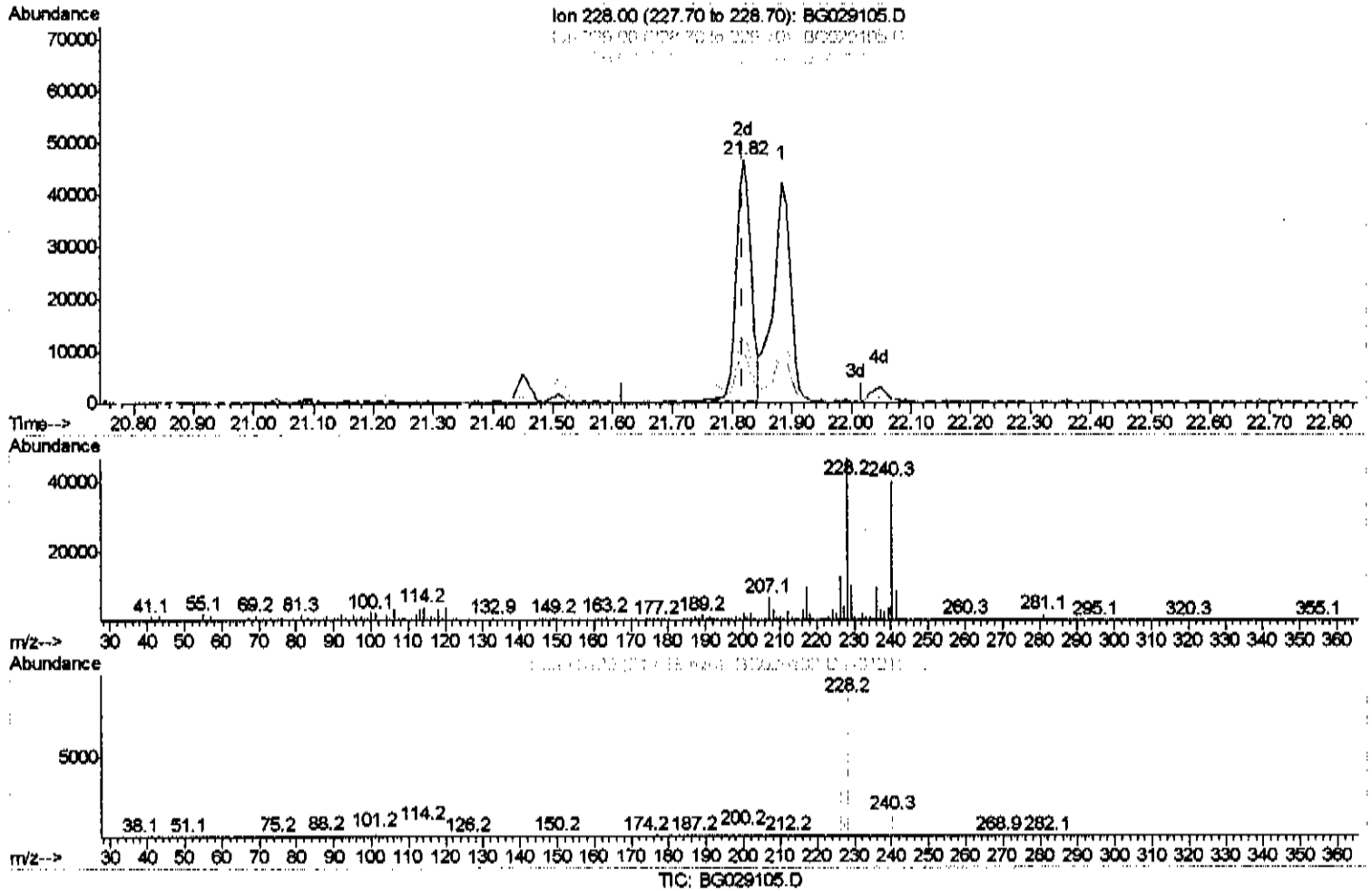
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(20) Benzo(a)anthracene

21.819min (+0.001) 3.64ng/ul m_g 10/11/17

response 81086

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.78
226.00	26.40	26.76
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	48341	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	223514	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	153403	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	357241m	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	378024m	20.00	ng/ul	0.00
22) Perylene-d12	25.18	264	380473	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.52	160	399675	25.05	ng/ul	0.00
10) Fluorene-d10	15.81	176	316565	27.36	ng/ul	0.00
14) Anthracene-d10	17.66	188	478967m	27.68	ng/ul	0.00
18) Pvrene-d10	19.93	212	577768	29.87	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	543164	29.80	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Acenaphthene	14.89	153	221496	21.188	ng/ul	95
13) Phenanthrene	17.60	178	80006m	4.199	ng/ul	
16) Fluoranthene	19.60	202	153185m	6.858	ng/ul	
19) Pvrene	19.96	202	642145m	27.251	ng/ul	
20) Benzo(a)anthracene	21.82	228	81086m	3.642	ng/ul	
21) Chrysene	21.88	228	81424	3.994	ng/ul	97
23) Benzo(b)fluoranthene	24.12	252	117792	5.175	ng/ul	98
24) Benzo(k)fluoranthene	24.18	252	32479	1.462	ng/ul#	92
26) Benzo(a)pvrene	25.03	252	71671	3.242	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	29.00	276	50424	2.010	ng/ul#	90
29) Benzo(g,h,i)perylene	30.17	276	42934	2.075	ng/ul	96

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