

Quantitation Report (QT Reviewed)

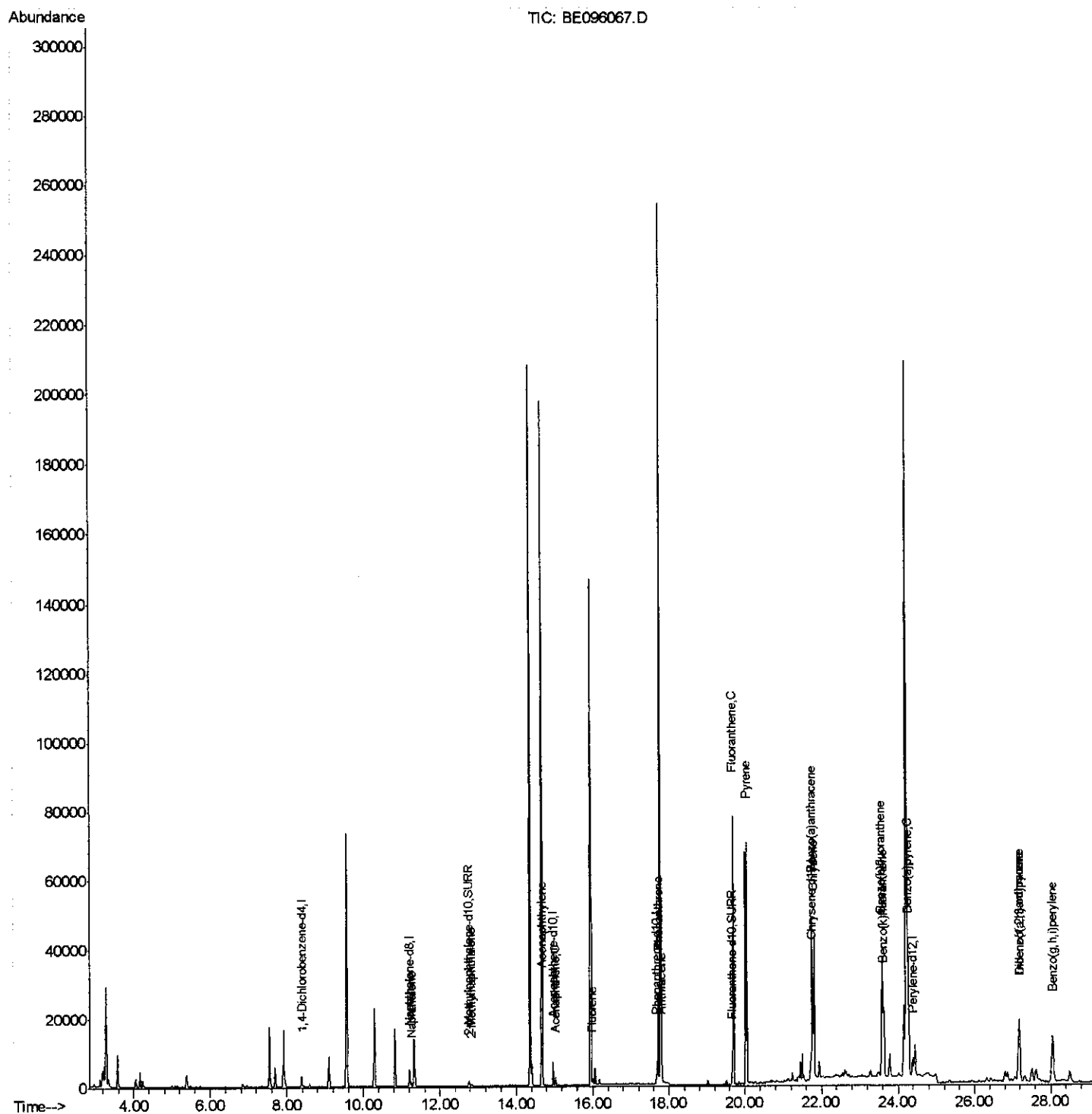
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096067.D
 Acq On : 21 Apr 2018 7:13
 Operator : SJ/JU
 Sample : J2434-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD0

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:26 PM

Quant Time: Apr 23 02:55:18 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

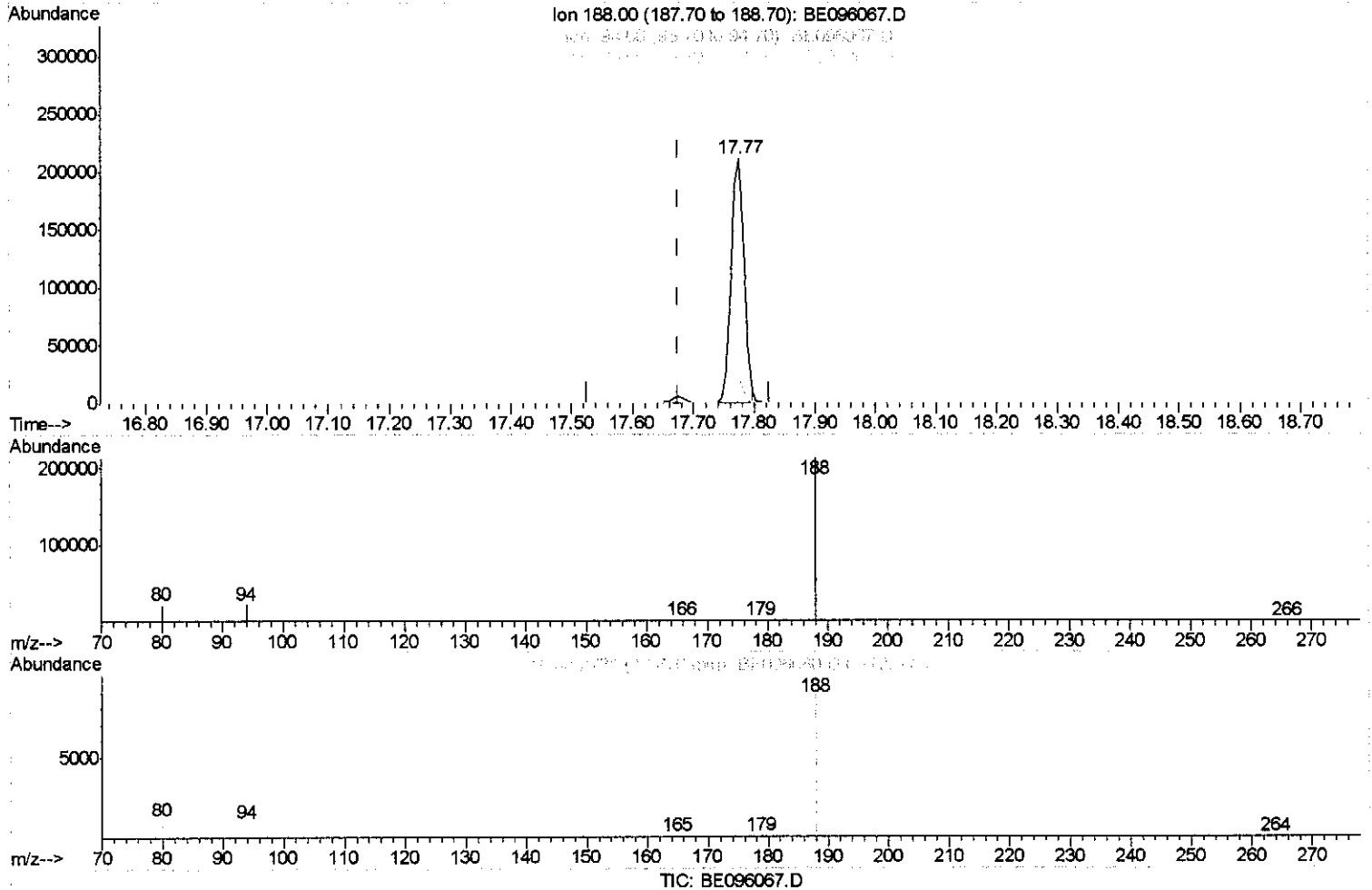
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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Manual Integrations
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Sohil
 4/23/2018 6:44:26 PM

Quant Time: Apr 23 01:09:34 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(10) Phenanthrene-d10 (I)

17.775min (+0.099) 0.40ng/ul

response 302878

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.26
80.00	11.80	9.76
0.00	0.00	0.00

Quantitation Report (Qedit)

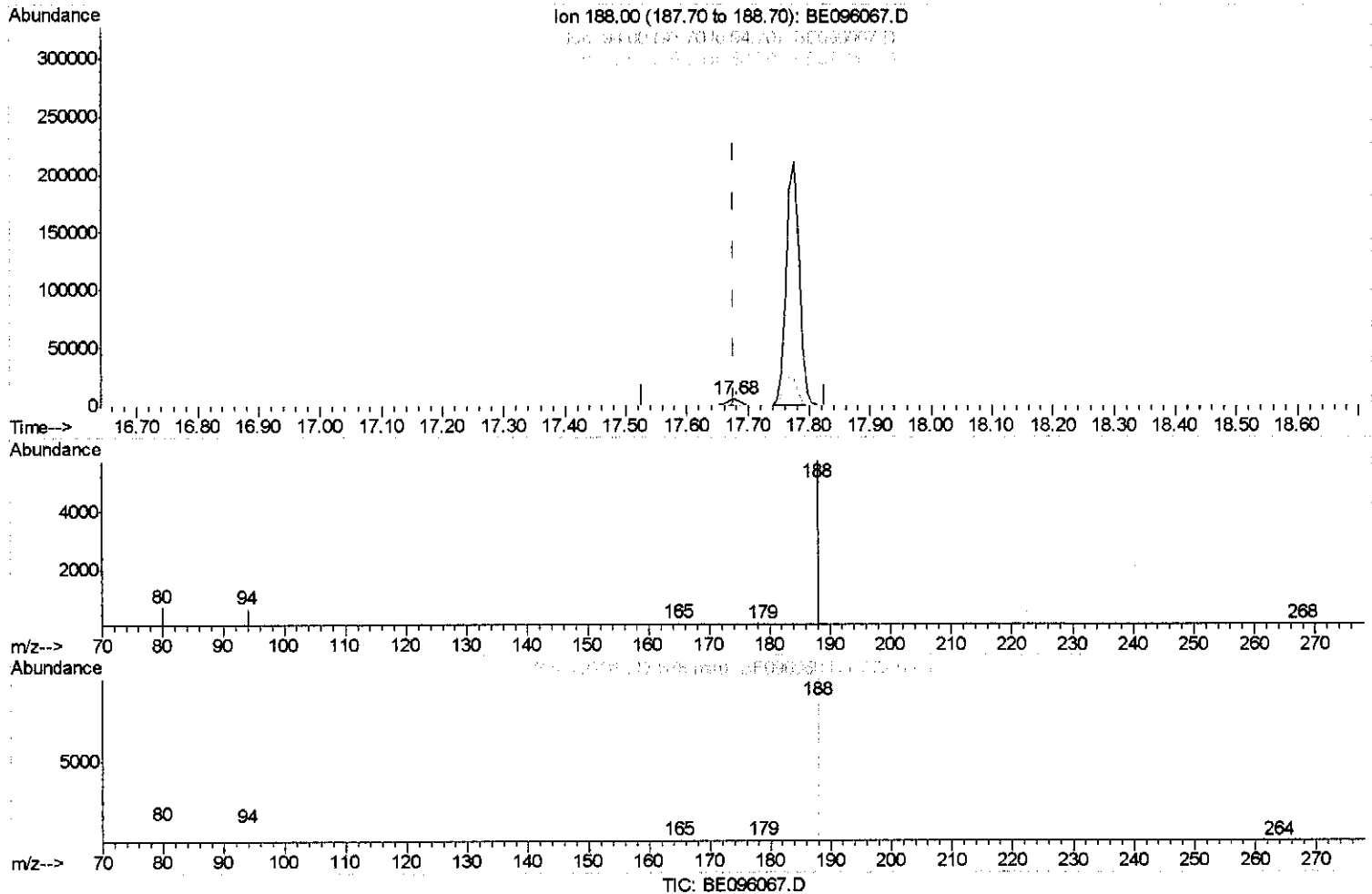
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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(10) Phenanthrene-d10 (I)

17.676min (+0.000) 0.40ng/ul m> SJ 4/24/18

response 7661

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.62
80.00	11.80	11.46
0.00	0.00	0.00

Quantitation Report (Qedit)

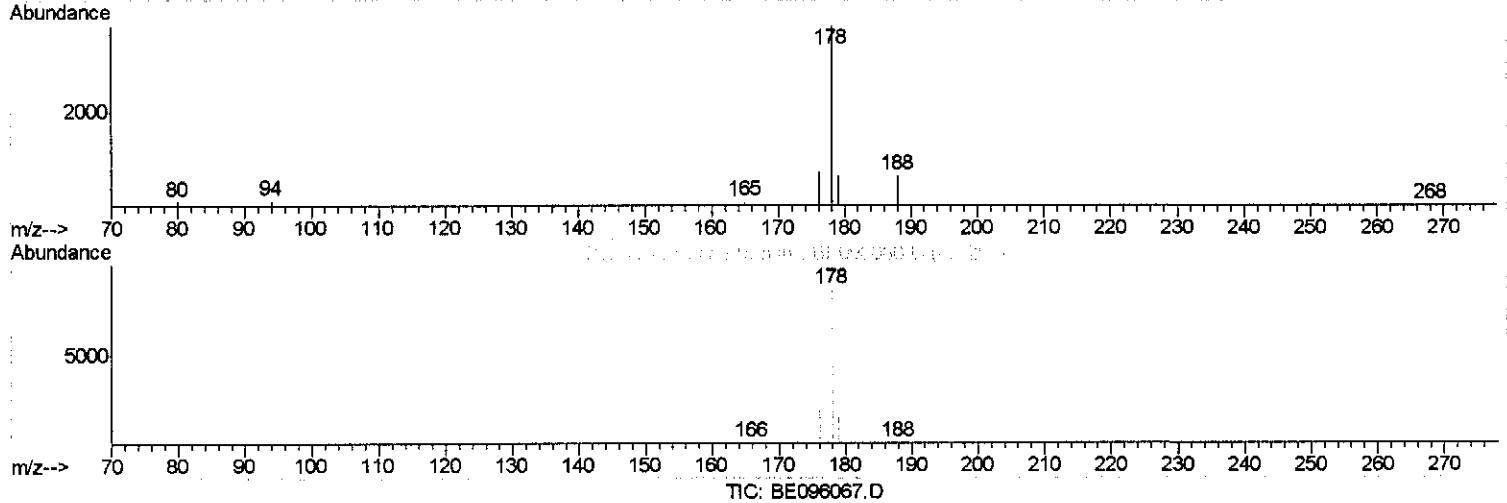
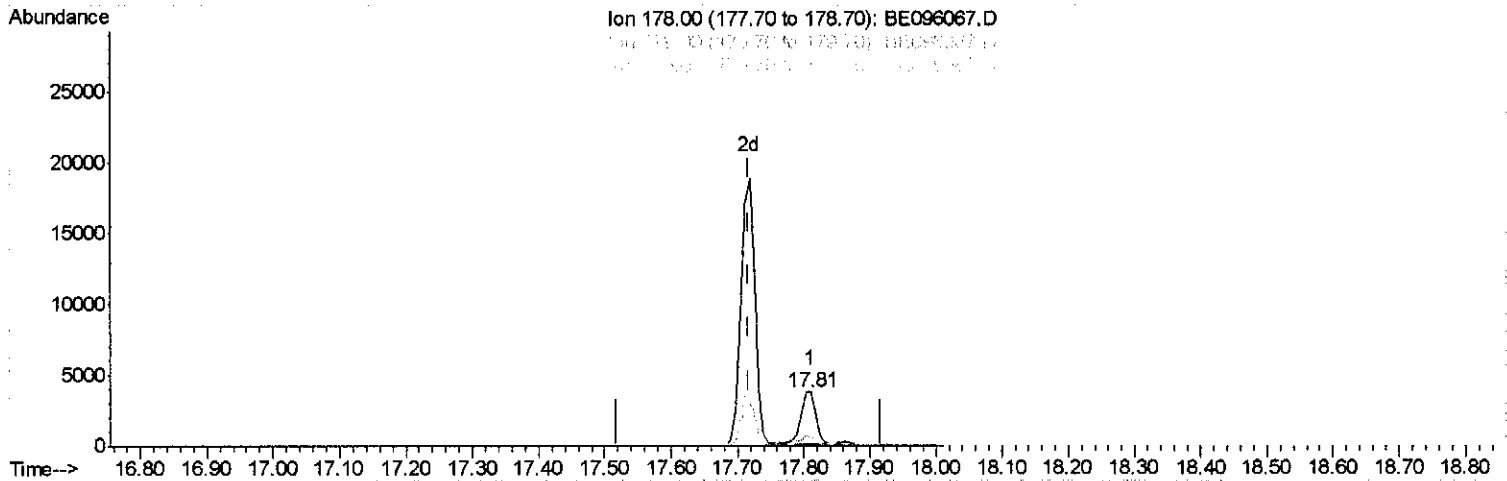
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Quant Time: Apr 23 02:51:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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(12) Phenanthrene

17.810min (+0.092) 0.25ng/ul

response 5645

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	17.23#
176.00	17.00	19.30
0.00	0.00	0.00

Quantitation Report (Qedit)

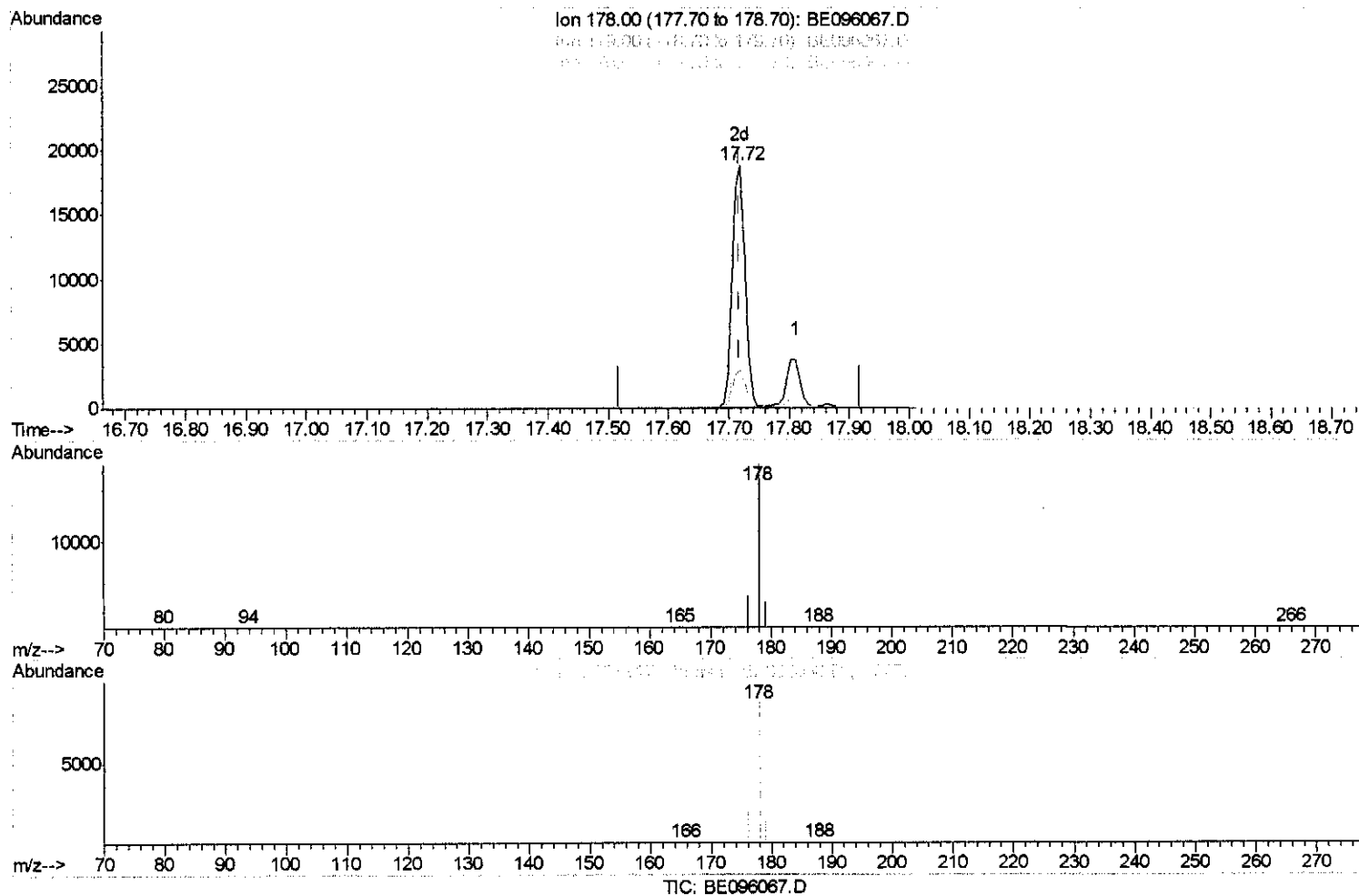
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(12) Phenanthrene

17.718min (+0.000) 1.21ng/ul m > SJ 4/24/18

response 27411

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.80#
176.00	17.00	19.75
0.00	0.00	0.00

Quantitation Report (Qedit)

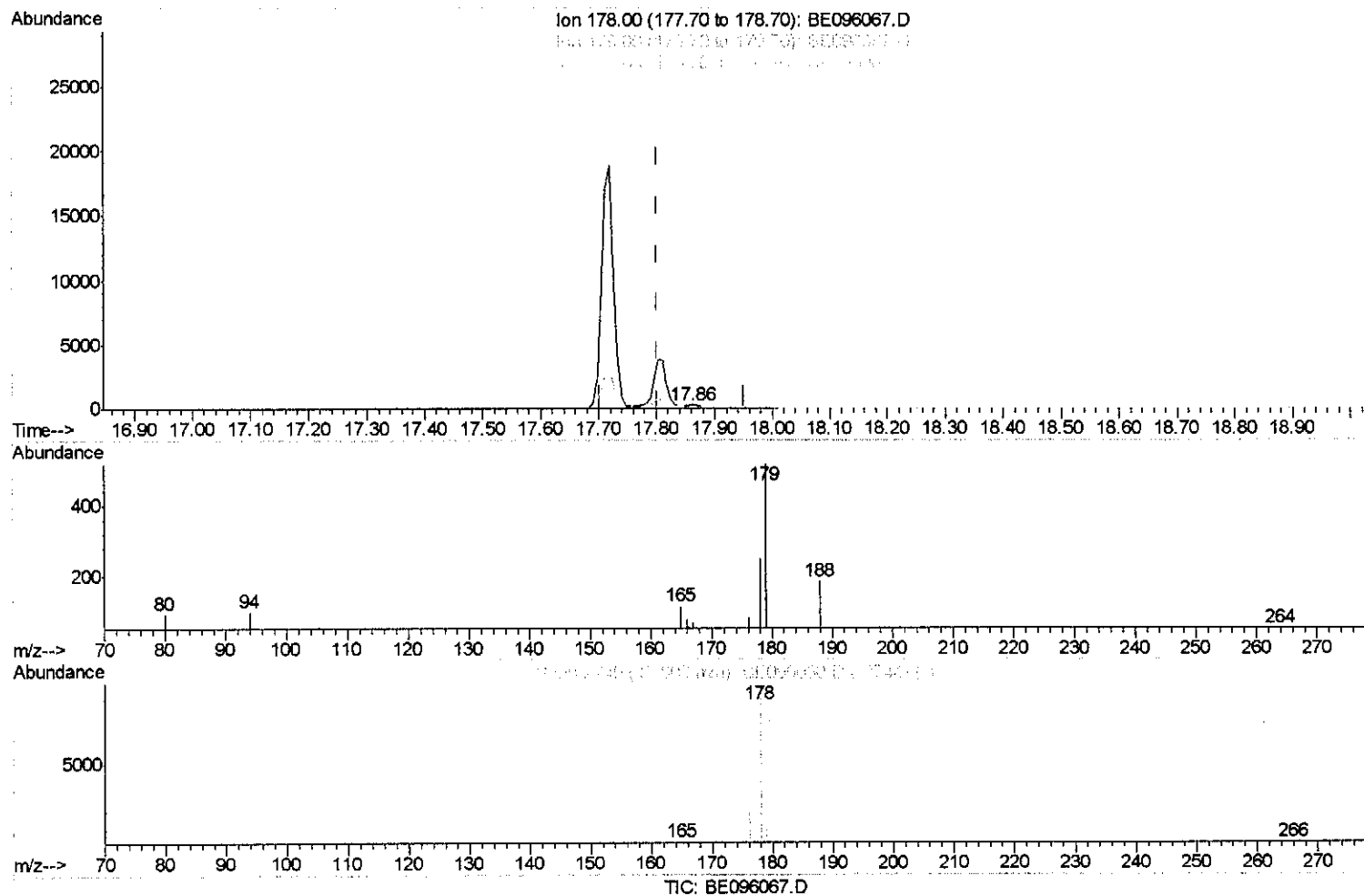
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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(13) Anthracene

17.859min (+0.056) 0.06ng/ul

response 1265

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	207.66#
176.00	18.40	32.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

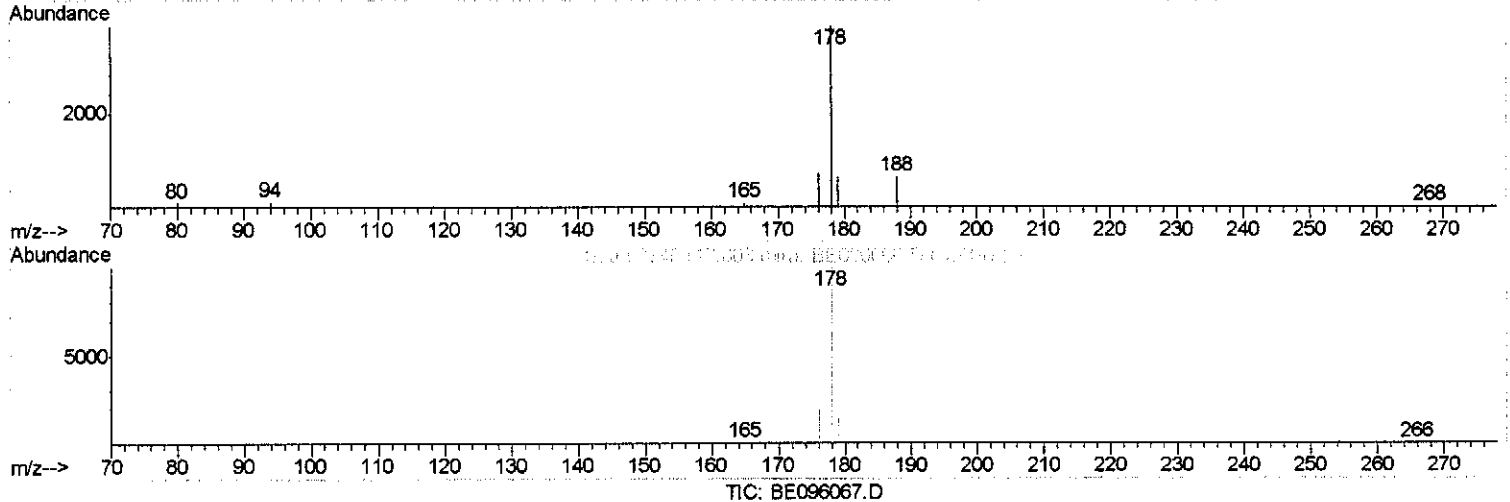
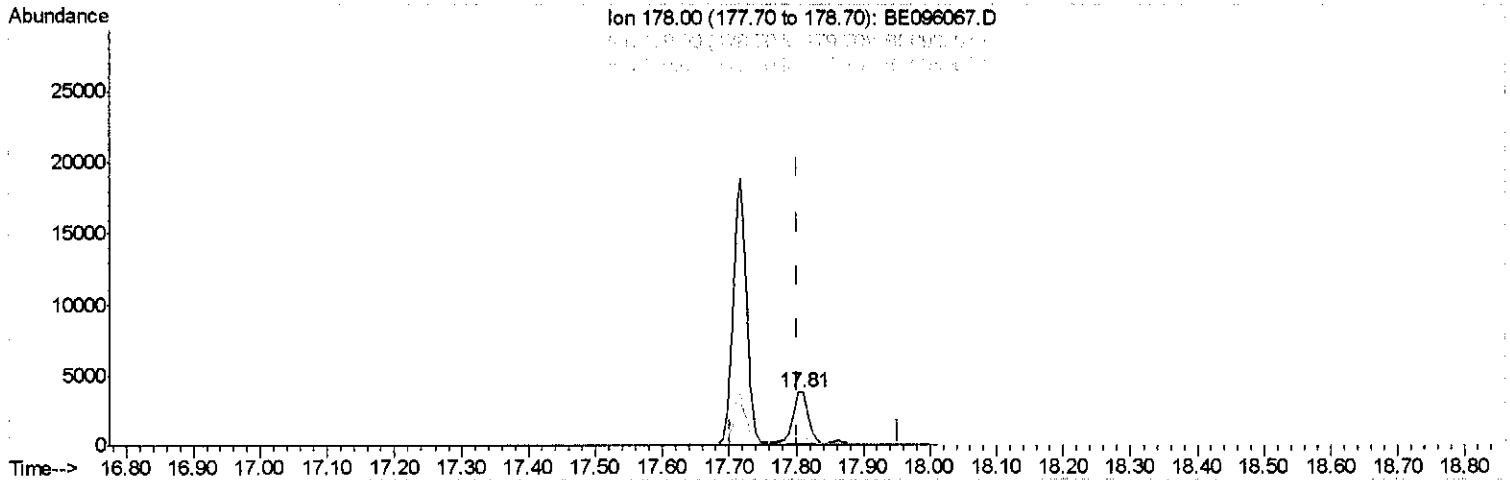
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(13) Anthracene

17.810min (+0.007) 0.26ng/ul m) SJ 4/24/18

response 5790

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	17.23#
176.00	18.40	19.30
0.00	0.00	0.00

Quantitation Report (Qedit)

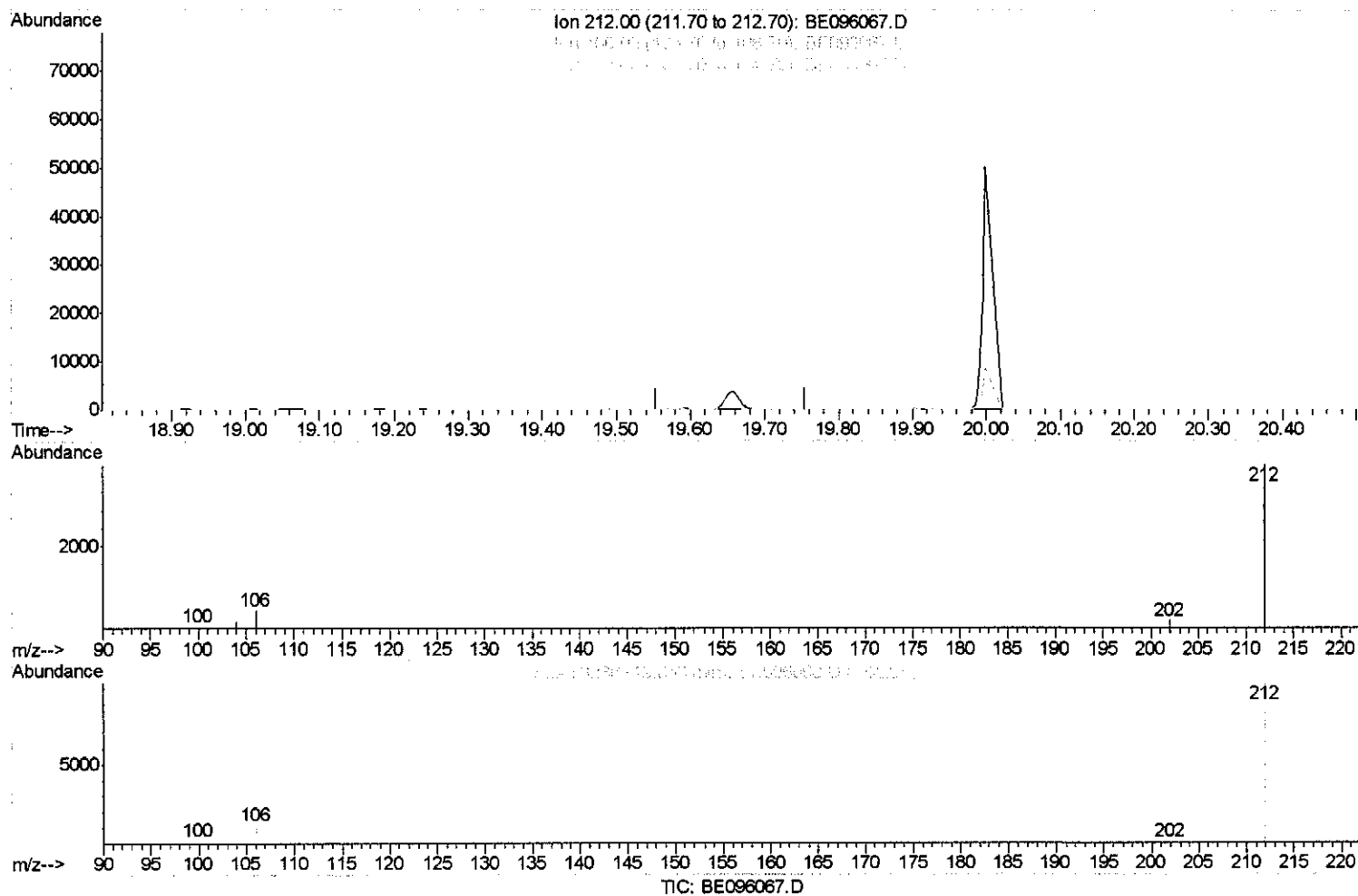
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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(14) Fluoranthene-d10 (SURR)

19.656min (-19.656) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

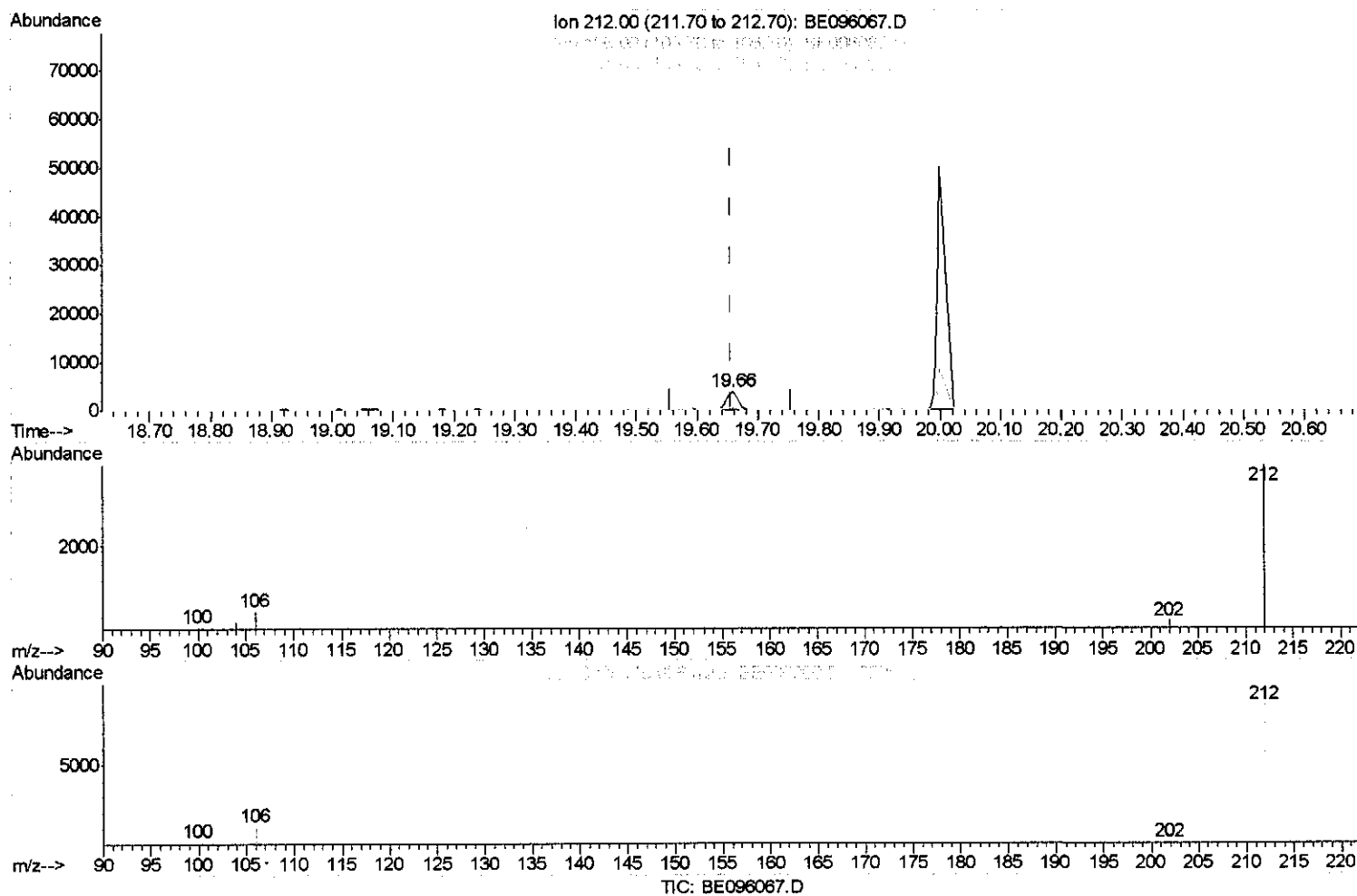
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096067.D
 Acq On : 21 Apr 2018 7:13
 Operator : SJ/JU
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(14) Fluoranthene-d10 (SURR)

19.656min (+0.000) 0.15ng/ul m> SJ 4/24/18

response 4829

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

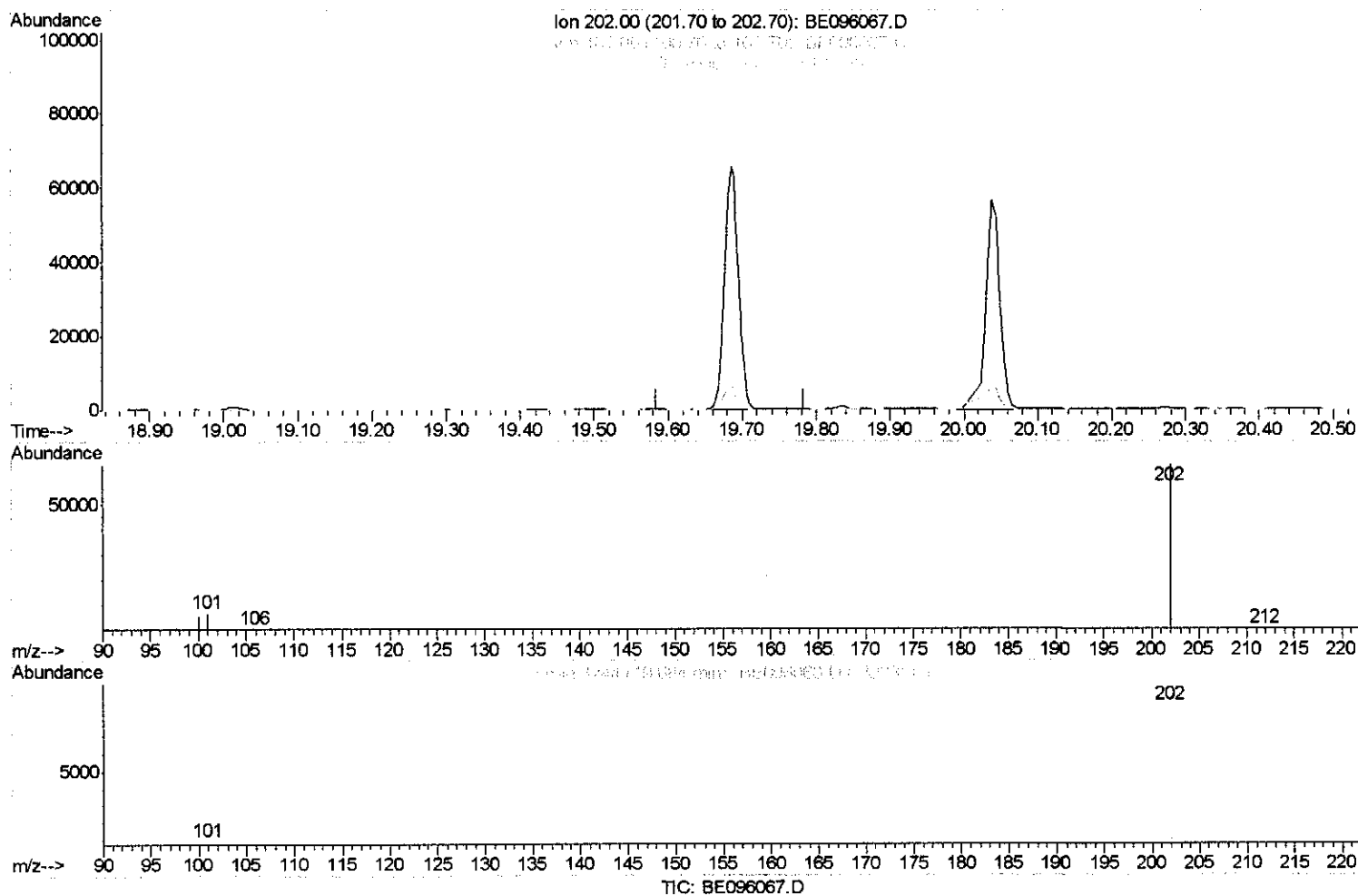
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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(15) Fluoranthene (C)

19.684min (-19.684) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.30	0.00
100.00	19.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

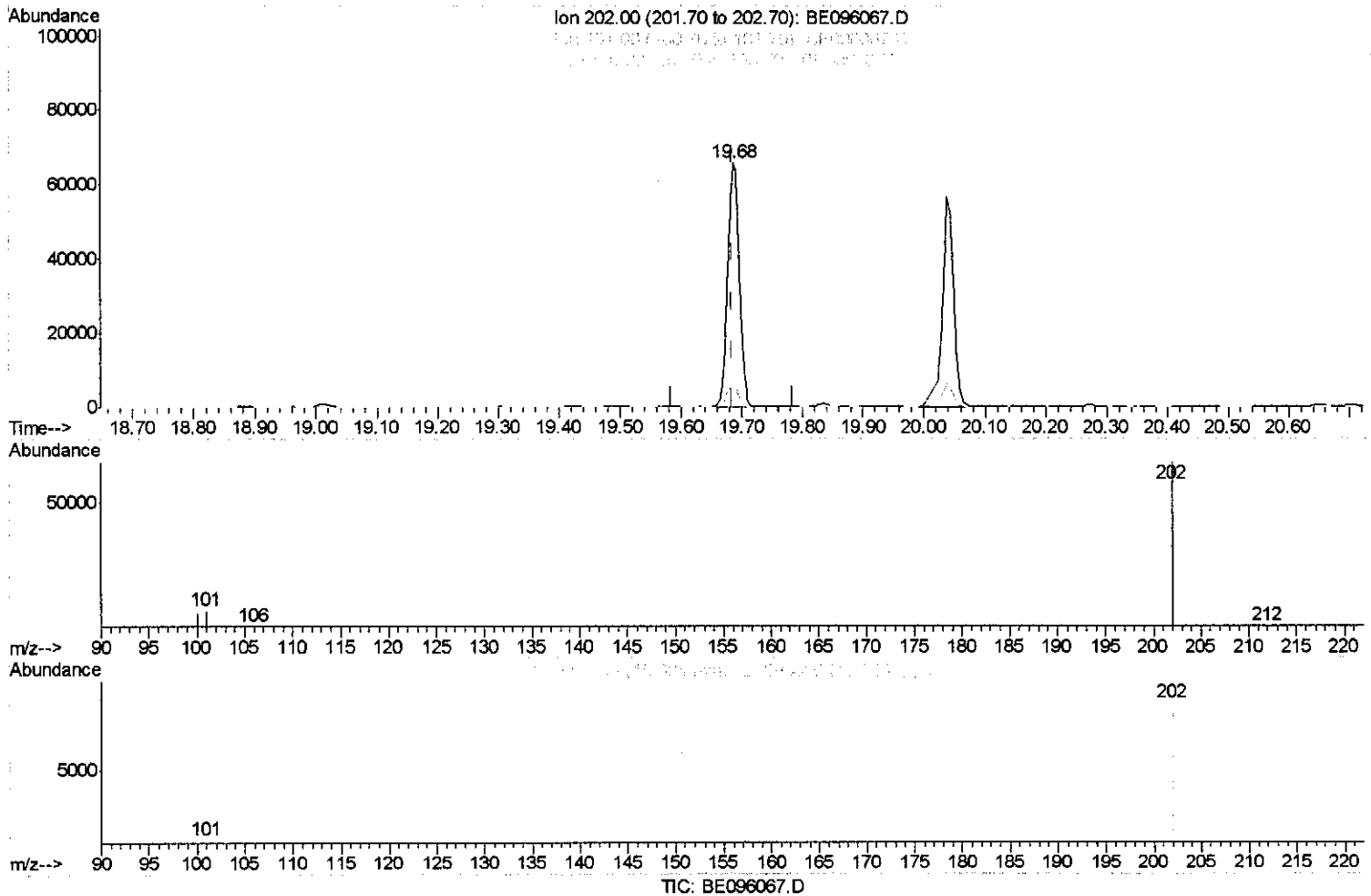
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096067.D
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(15) Fluoranthene (C)

19.685min (+0.000) 2.80ng/ul m) SJ 4/24/18

response 85983

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.03
100.00	19.50	8.43
0.00	0.00	0.00

Quantitation Report (Qedit)

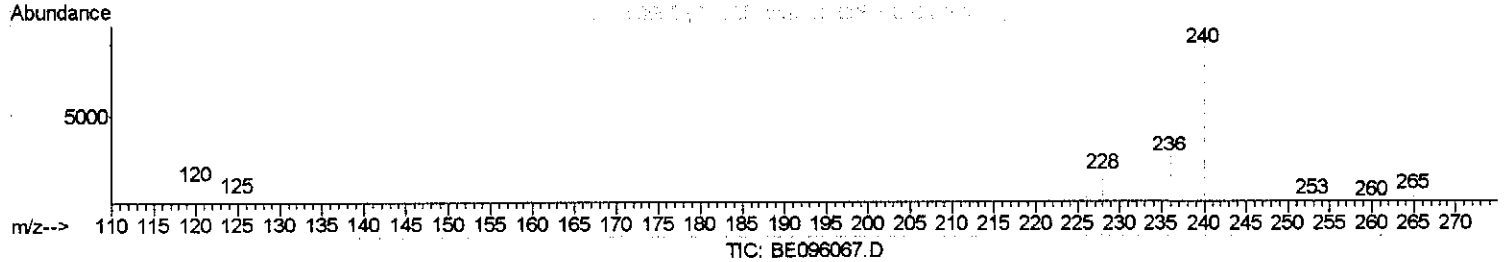
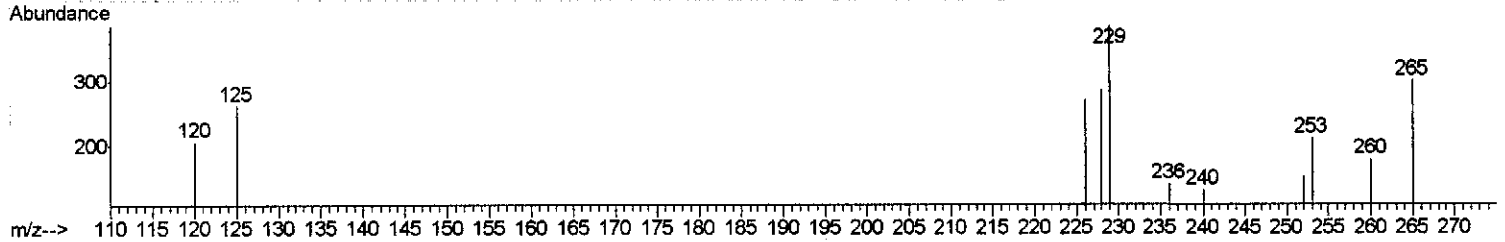
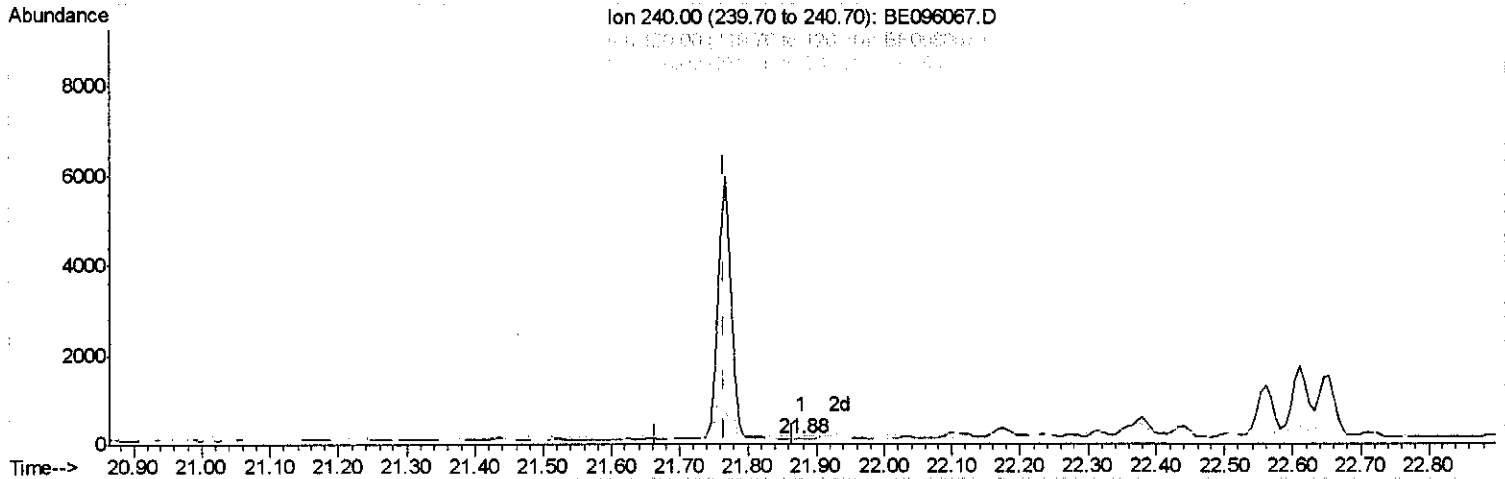
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(16) Chrysene-d12 (I)

21.879min (+0.114) 0.40ng/ul

response 13

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	157.69#
236.00	34.90	106.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

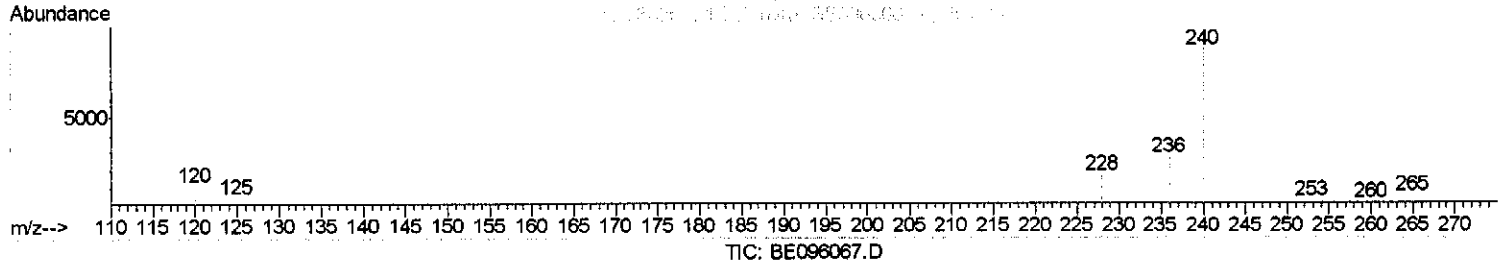
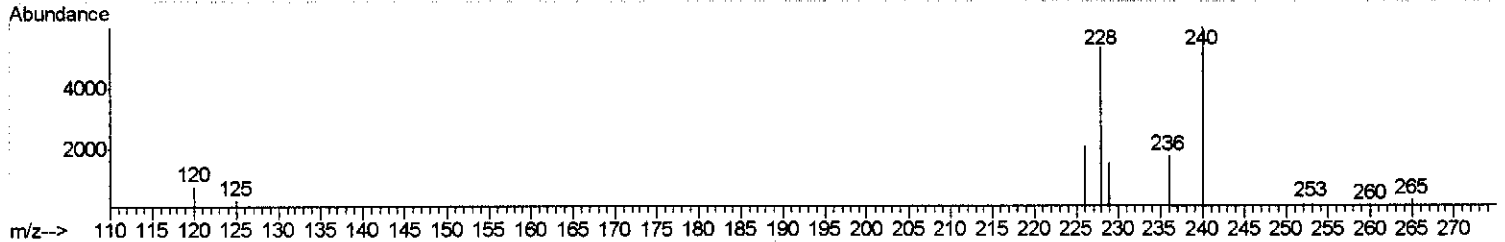
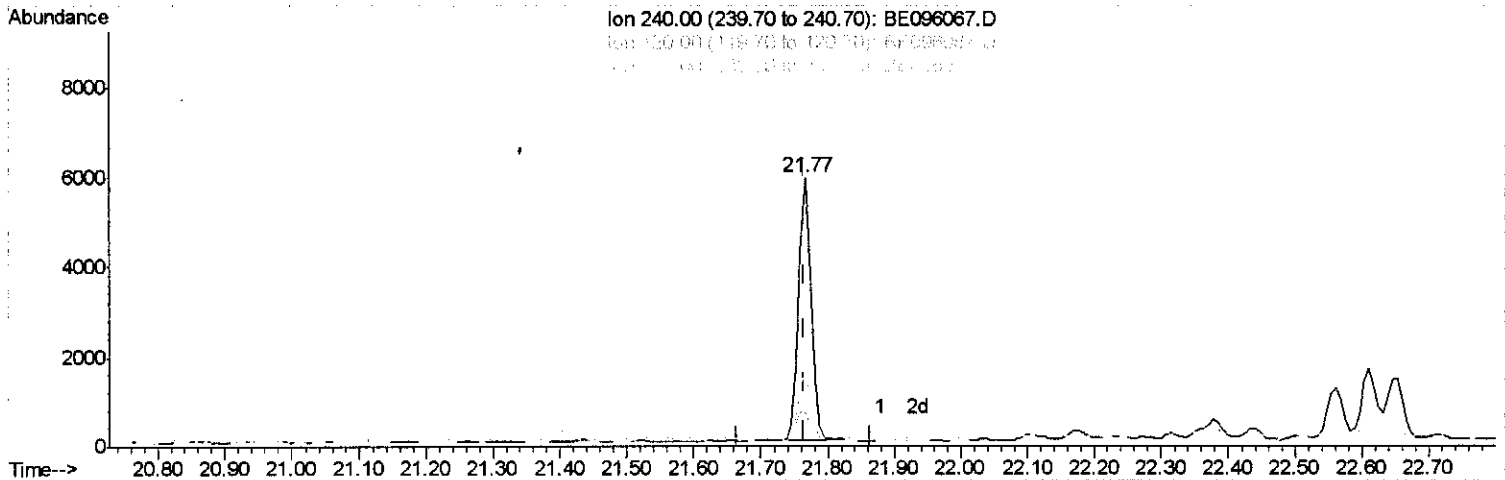
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Manual Integrations
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(16) Chrysene-d12 (I)

21.766min (+0.001) 0.40ng/ul m> SJ 4/24/18

response 7571

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	12.58#
236.00	34.90	29.21
0.00	0.00	0.00

Quantitation Report (Qedit)

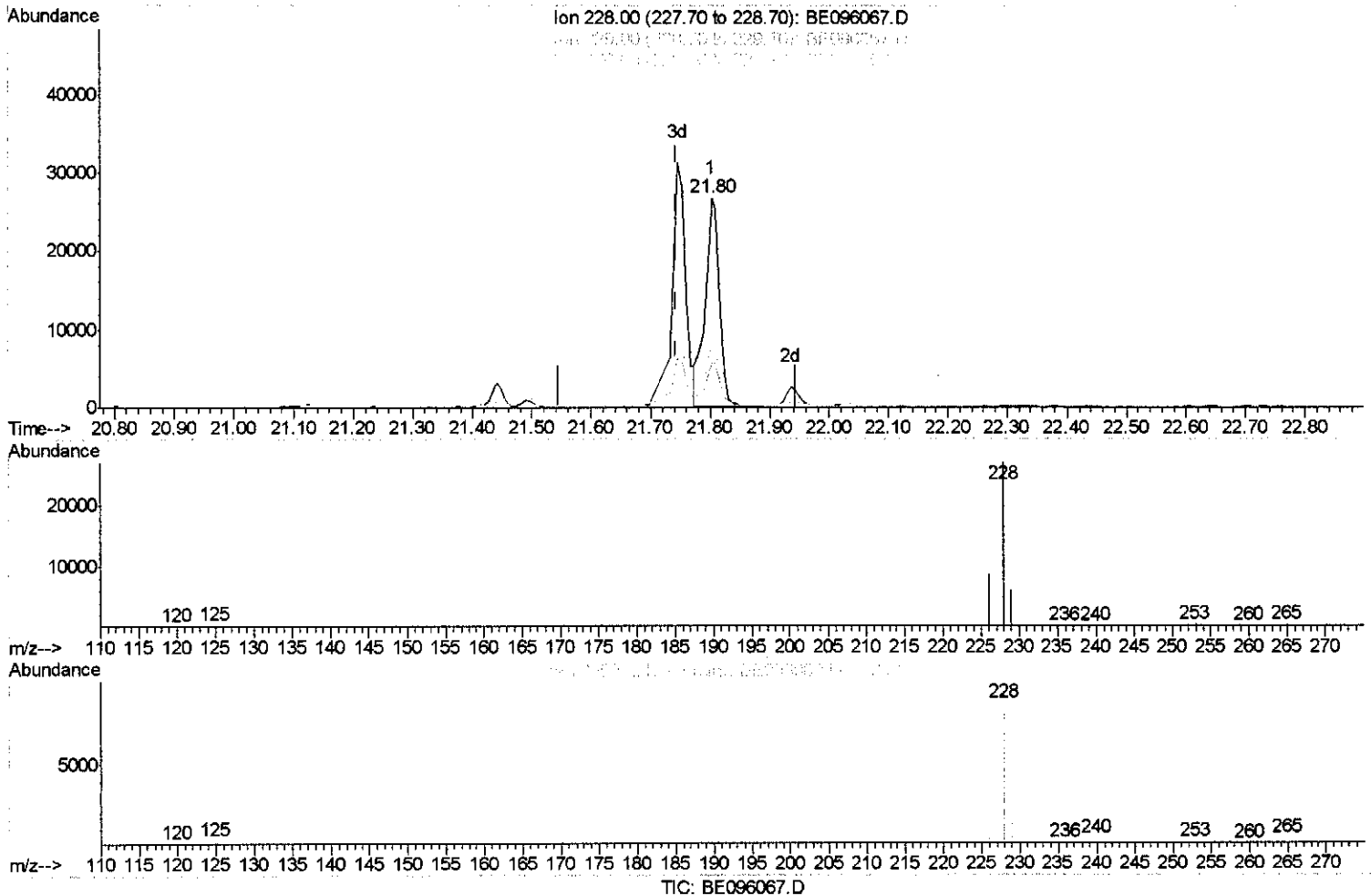
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(18) Benzo(a)anthracene

21.801min (+0.057) 1.44ng/ul

response 44164

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	22.06#
226.00	21.30	31.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

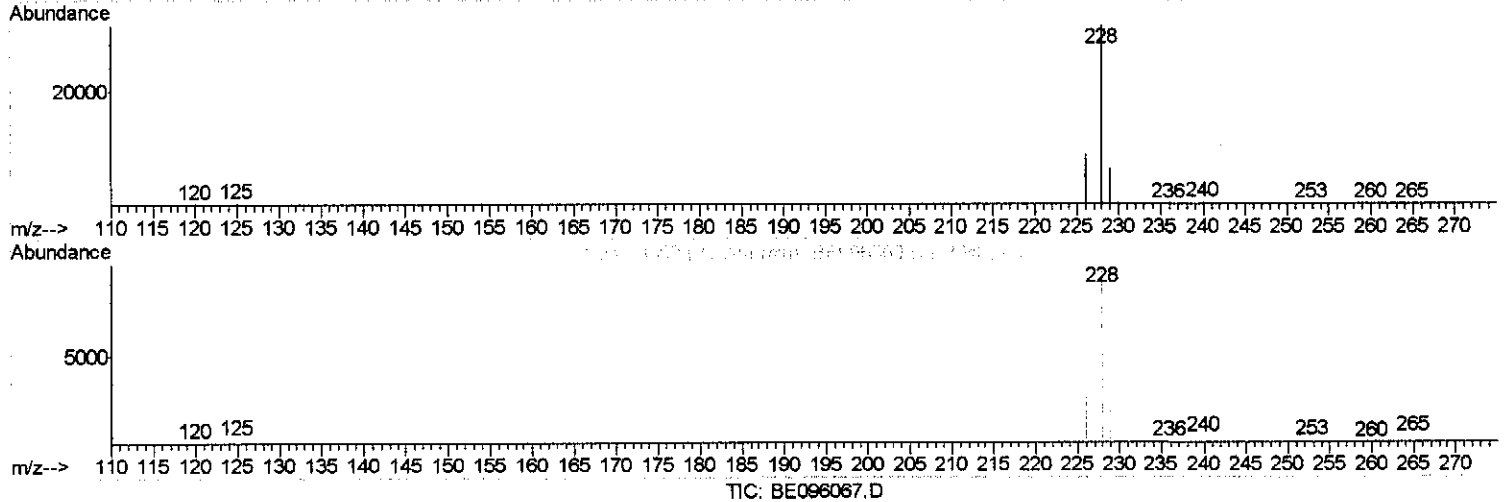
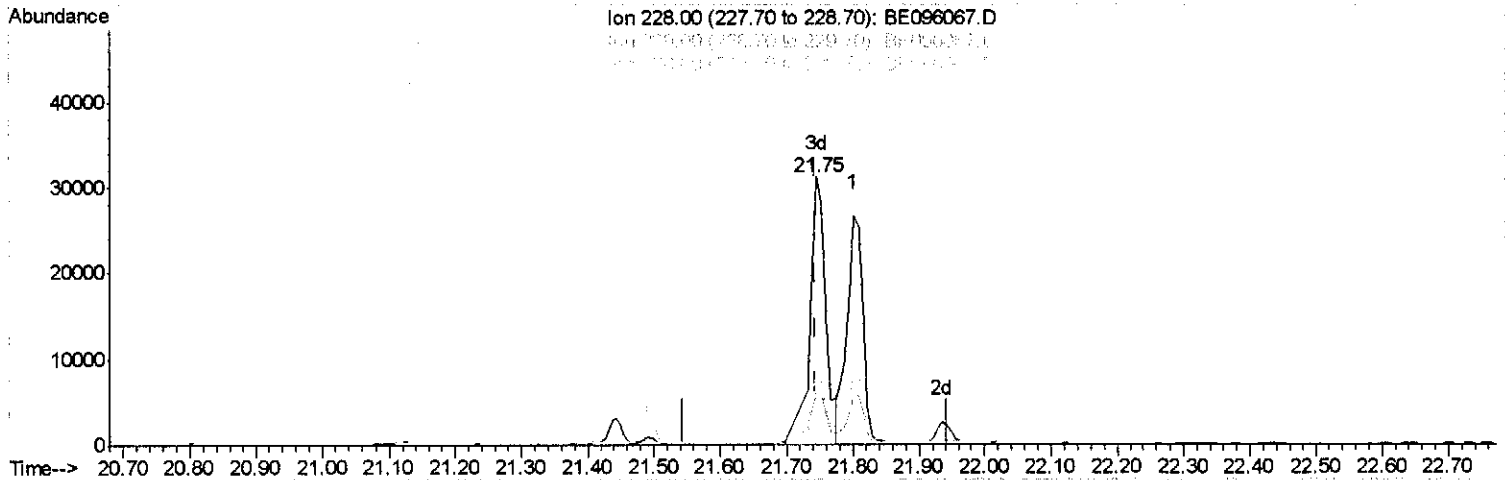
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(18) Benzo(a)anthracene

21.745min (+0.001) 1.99ng/ul m> SJ 4/24/18

response 61008

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	20.40#
226.00	21.30	28.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

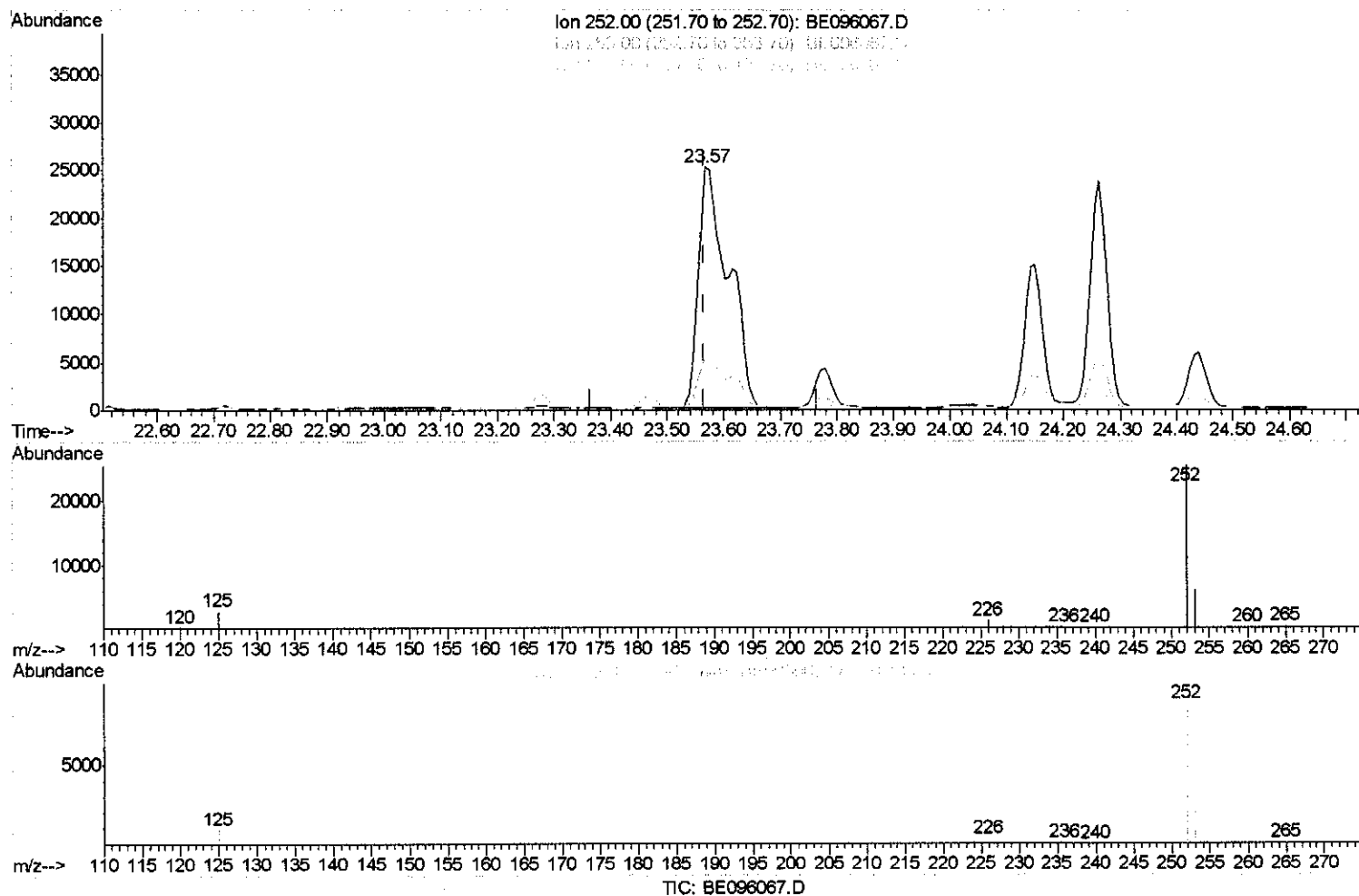
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(21) Benzo(b)fluoranthene
 23.566min (+0.001) 3.48ng/ul
 response 92354

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.38
125.00	17.50	10.85
0.00	0.00	0.00

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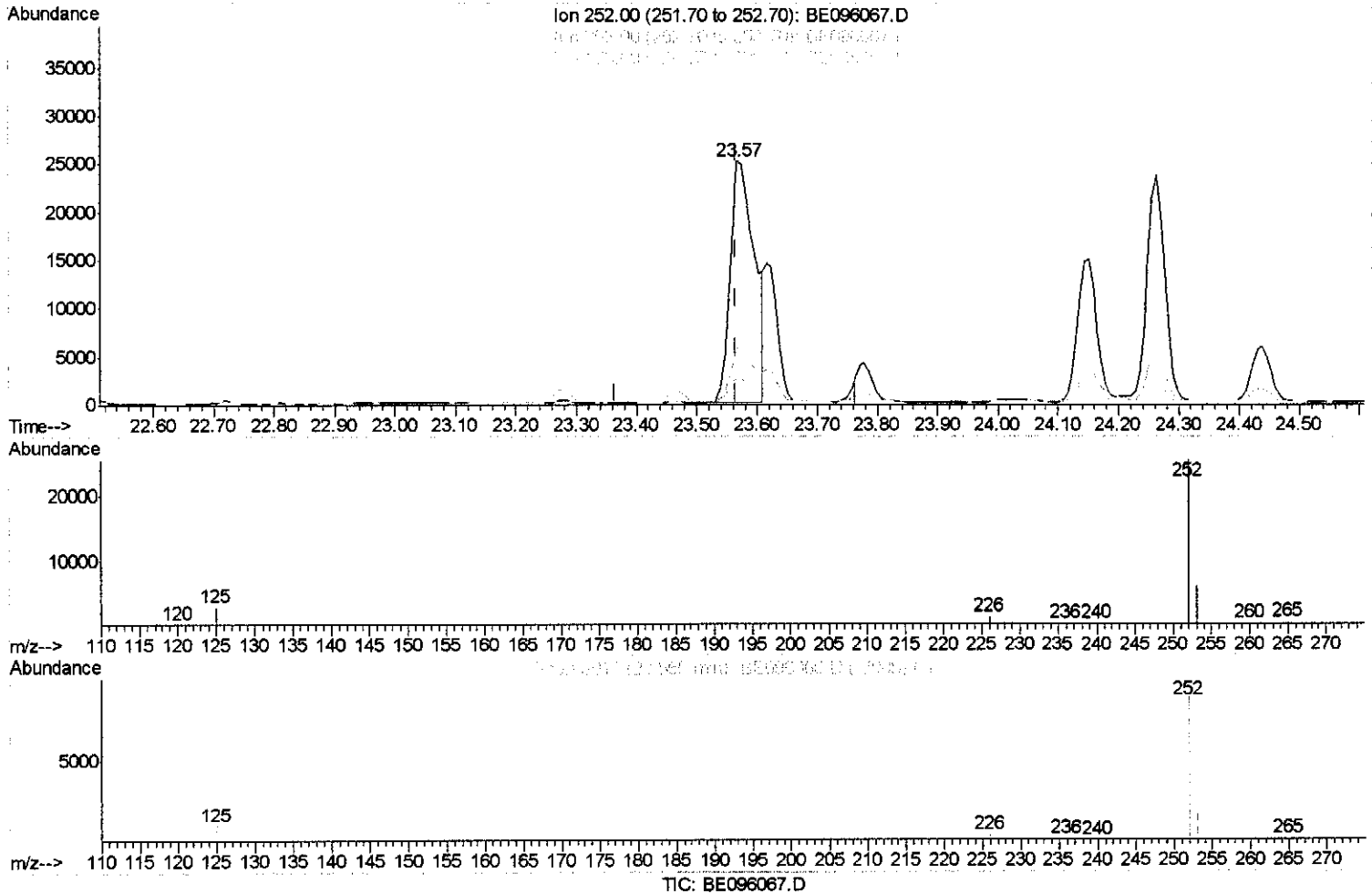
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(21) Benzo(b)fluoranthene

23.566min (+0.001) 2.69ng/ul m> SJ 4/24/18

response 71548

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.38
125.00	17.50	10.85
0.00	0.00	0.00

Quantitation Report (Qedit)

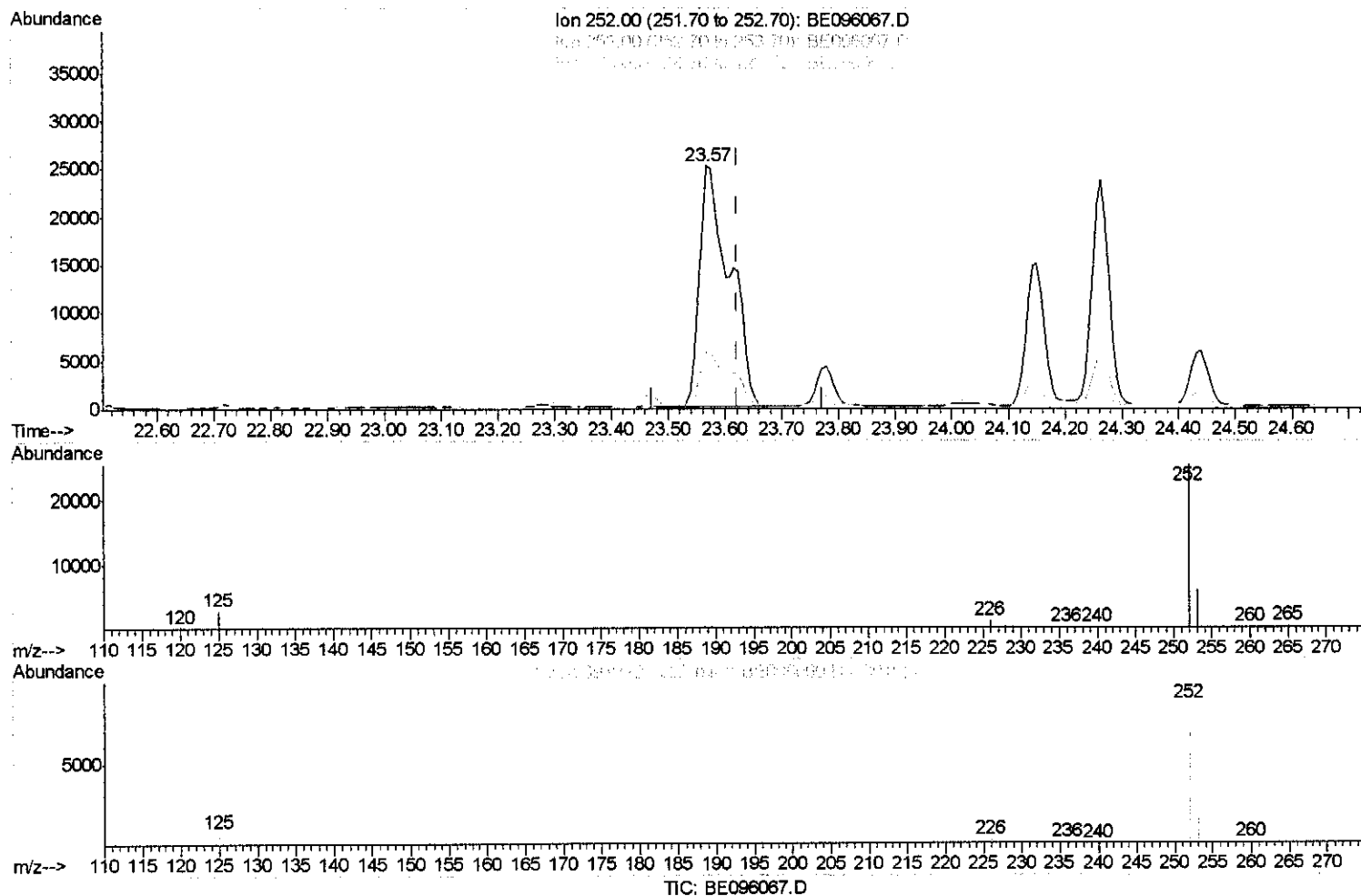
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(22) Benzo(k)fluoranthene

23.566min (-0.055) 3.49ng/ul

response 92354

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.38#
125.00	17.10	10.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

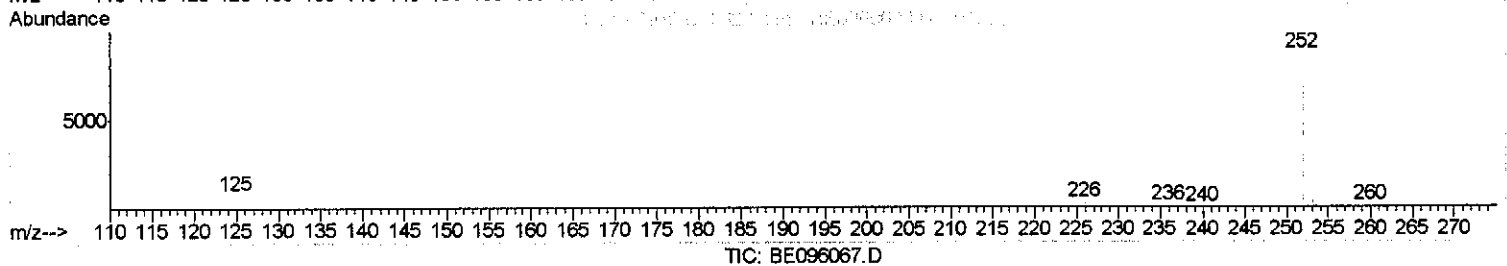
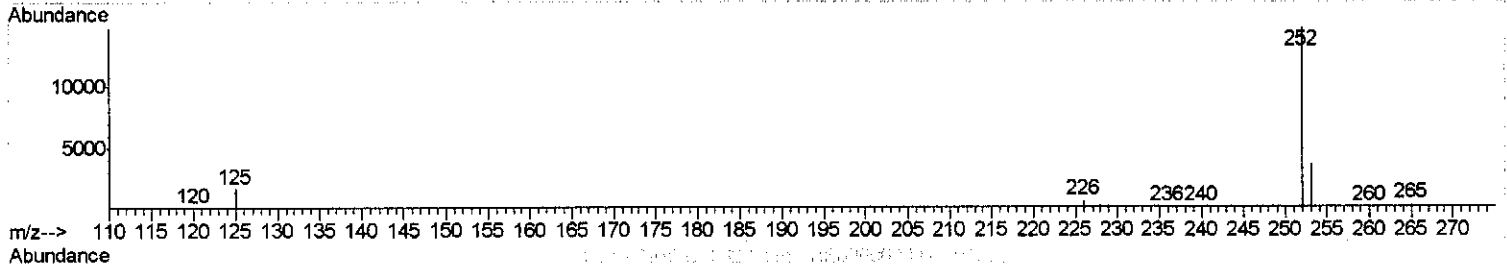
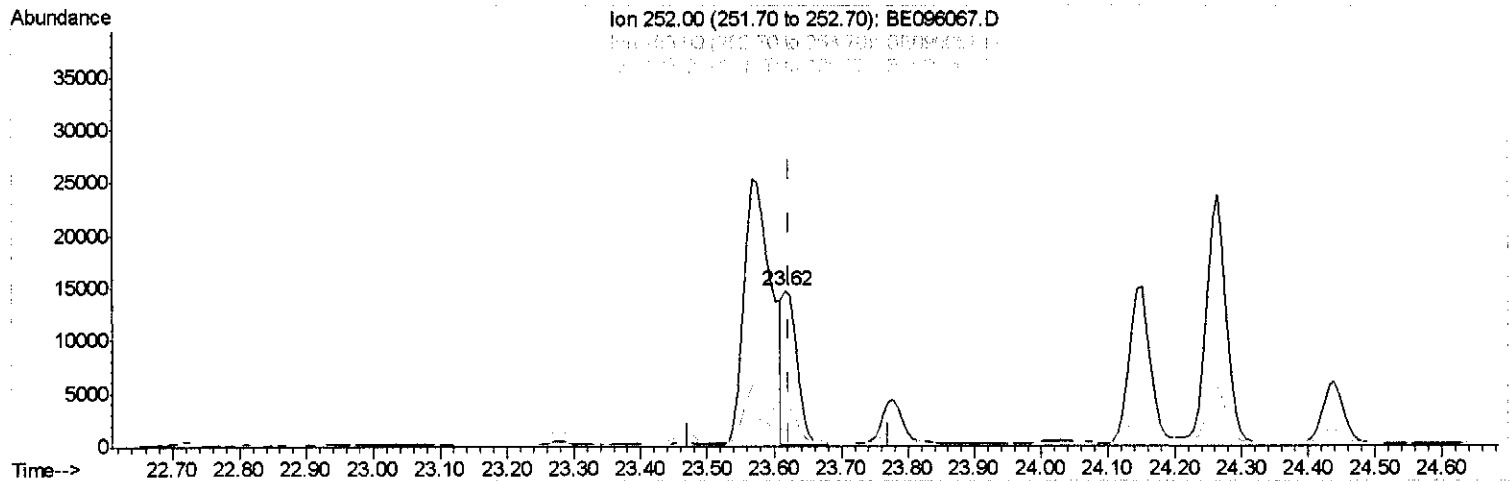
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096067.D
 Acq On : 21 Apr 2018 7:13
 Operator : SJ/JU
 Sample : J2434-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 C0AD0

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:26 PM

Quant Time: Apr 23 02:53:46 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.616min (-0.006) 0.79ng/ul m

response 20901

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.79
125.00	17.10	11.69#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampleId :
C0AD0

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
Data File : BE096067.D
Acq On : 21 Apr 2018 7:13
Operator : SJ/JU
Sample : J2434-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
4/23/2018 6:44:26 PM

Quant Time: Apr 23 02:55:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 01:07:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2145	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6178	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3570	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7661m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7571m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	8213	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.76	152	1838	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	4829m	0.15	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.25	128	1295	0.075	ng/ul#	84
5) 2-Methylnaphthalene	12.83	142	501	0.043	ng/ul	99
7) Acenaphthylene	14.70	152	1843	0.100	ng/ul	94
8) Acenaphthene	15.03	153	1226	0.092	ng/ul	95
9) Fluorene	15.99	166	1205	0.080	ng/ul	90
12) Phenanthrene	17.72	178	27411m	1.214	ng/ul	
13) Anthracene	17.81	178	5790m	0.258	ng/ul	
15) Fluoranthene	19.68	202	85983m	2.799	ng/ul	
17) Pyrene	20.04	202	79418	3.087	ng/ul#	79
18) Benzo(a)anthracene	21.75	228	61008m	1.995	ng/ul	
19) Chrysene	21.80	228	44092	2.003	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	71548m	2.692	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	20901m	0.789	ng/ul	
23) Benzo(a)pyrene	24.26	252	48962	1.909	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.17	276	34195	1.200	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.18	278	8915	0.388	ng/ul	97
26) Benzo(g,h,i)perylene	28.04	276	33594	1.411	ng/ul#	94

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