

Quantitation Report (QT Reviewed)

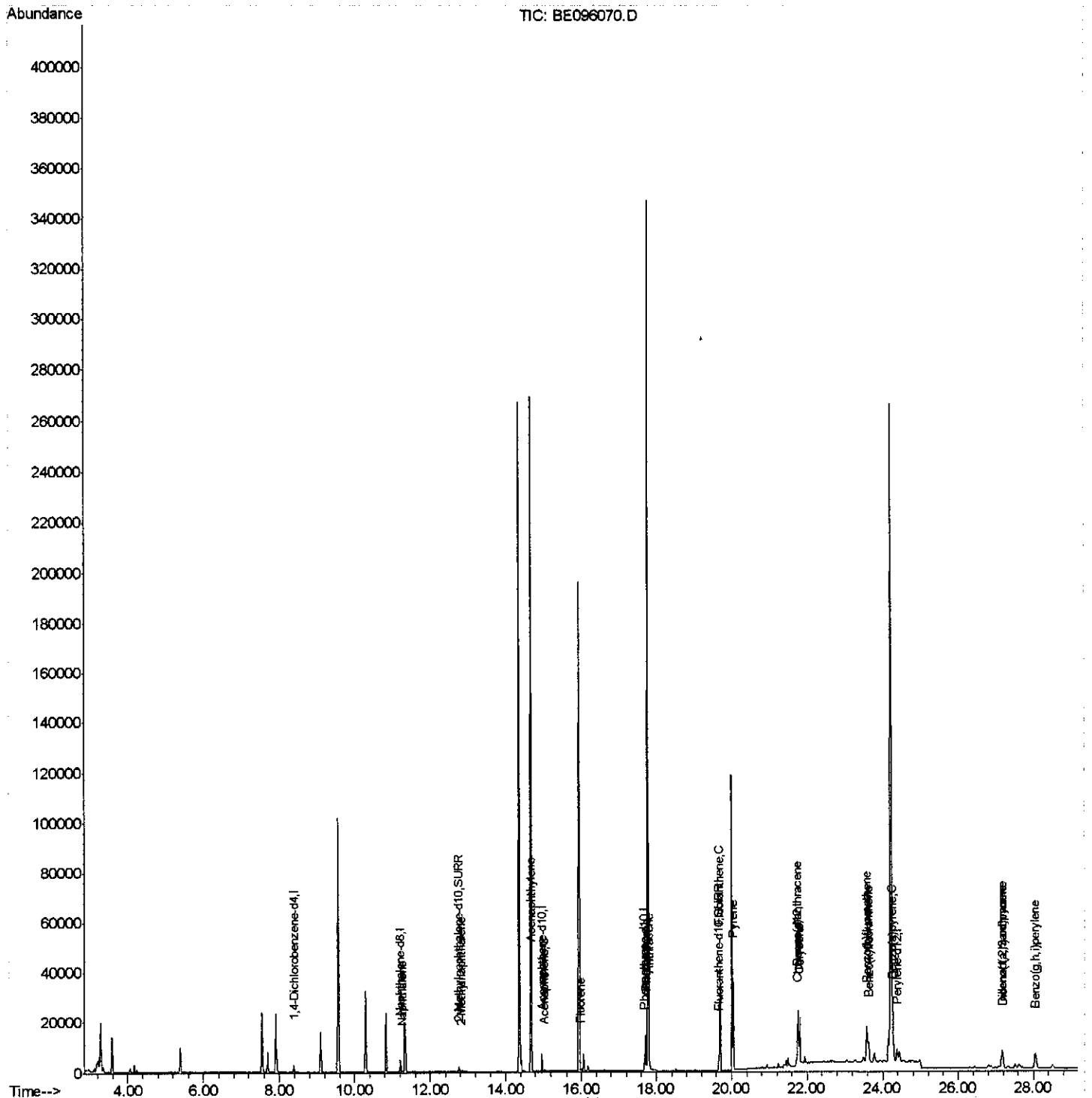
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:31 PM

Quant Time: Apr 23 03:51:44 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)

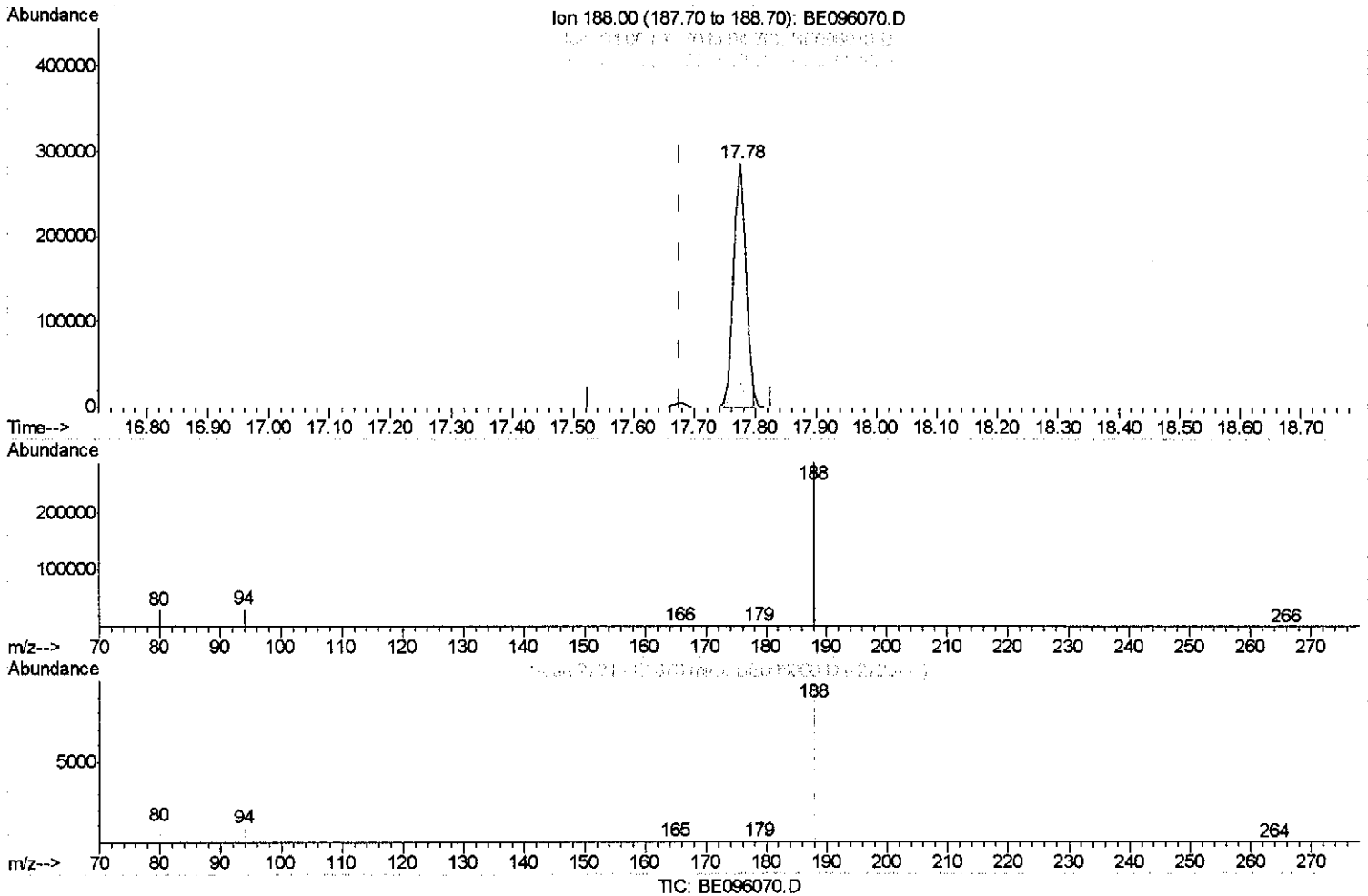
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:31 PM

Quant Time: Apr 23 01:10:05 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



(10) Phenanthrene-d10 (I)

17.775min (+0.099) 0.40ng/ul

response 405687

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.64
80.00	11.80	10.13
0.00	0.00	0.00

Quantitation Report (Qedit)

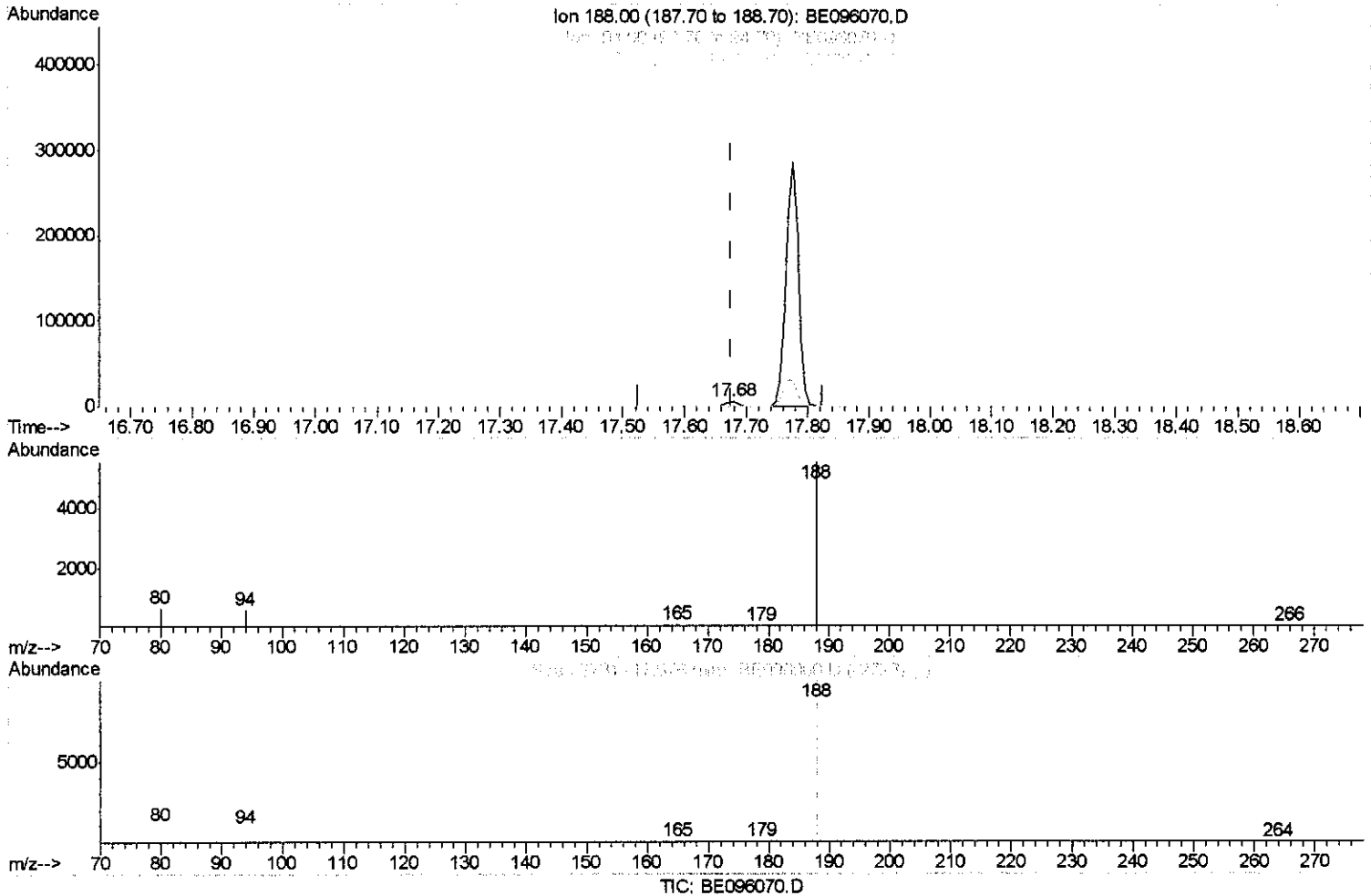
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:31 PM

Quant Time: Apr 23 01:10:05 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
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(10) Phenanthrene-d10 (I)

17.677min (+0.001) 0.40ng/ul m> SJ 4/24/18

response 7746

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.08
80.00	11.80	11.85
0.00	0.00	0.00

Quantitation Report (Qedit)

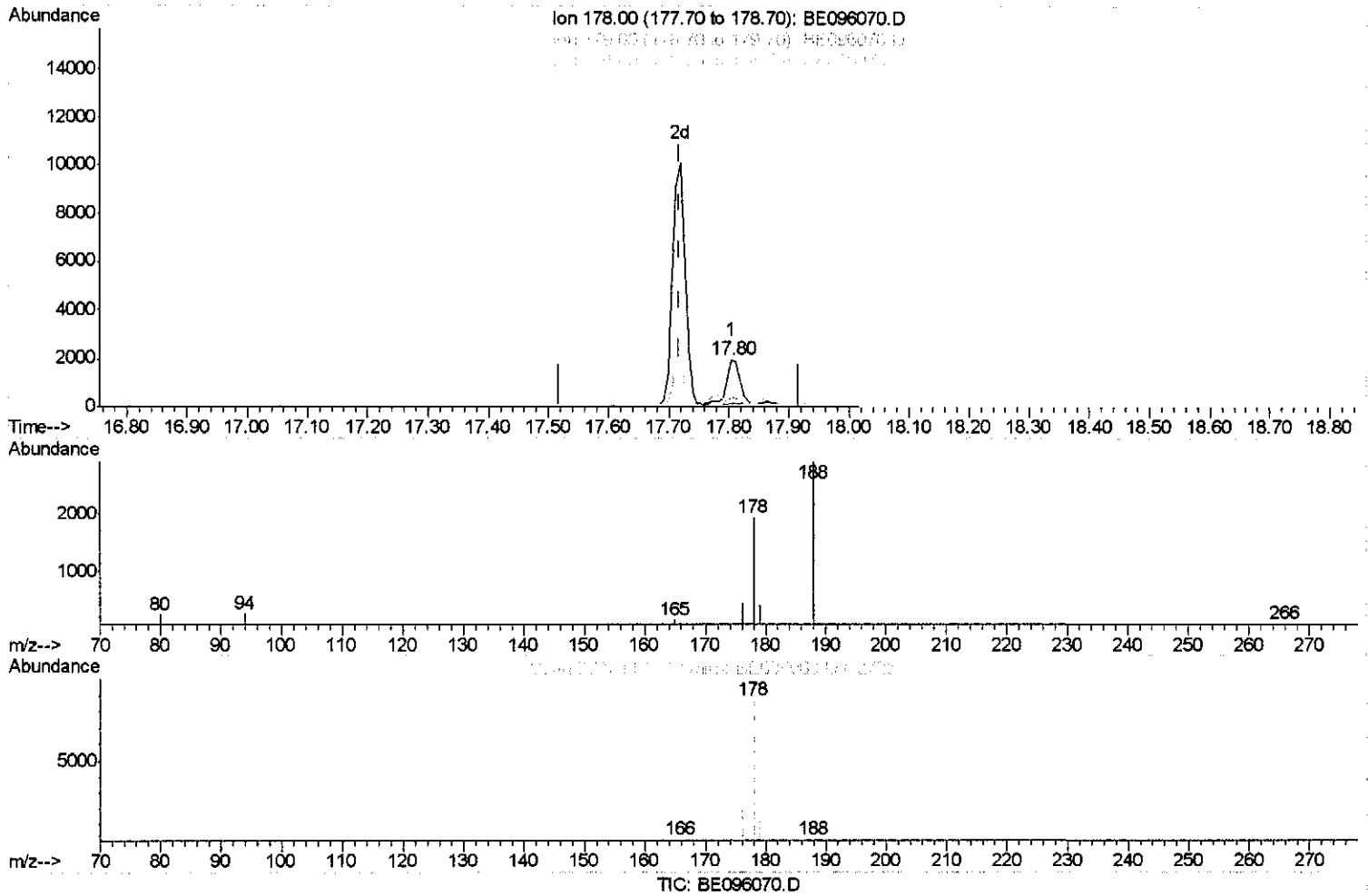
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC0

Manual Integrations
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Sohil
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Quant Time: Apr 23 03:48:34 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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(12) Phenanthrene

17.803min (+0.085) 0.12ng/ul

response 2809

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	19.47
176.00	17.00	21.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

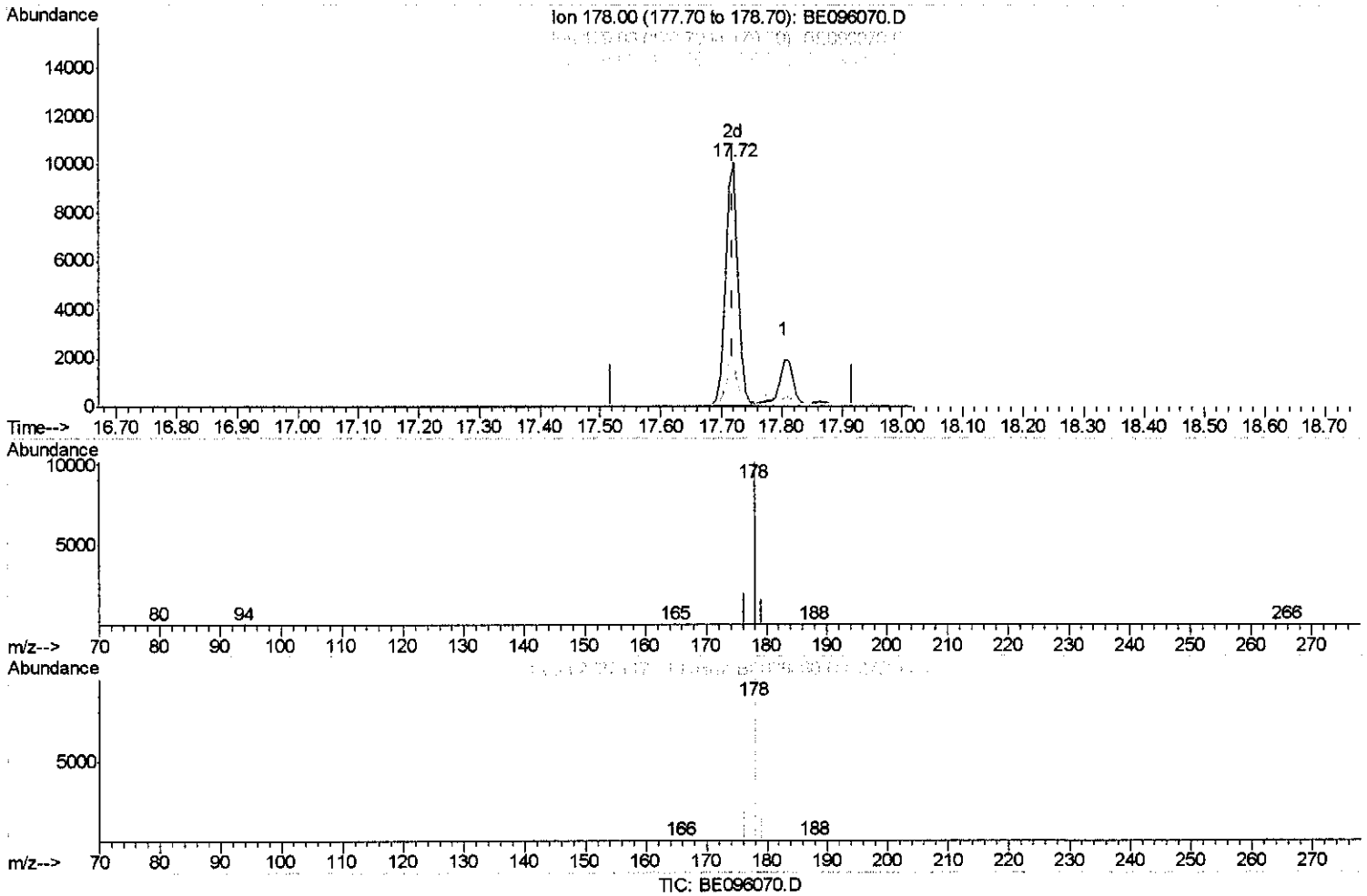
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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 ClientSampleId :
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(12) Phenanthrene

17.719min (+0.001) 0.63ng/ul m> SJ 4/24/18

response 14341

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	16.11#
176.00	17.00	20.17
0.00	0.00	0.00

Quantitation Report (Qedit)

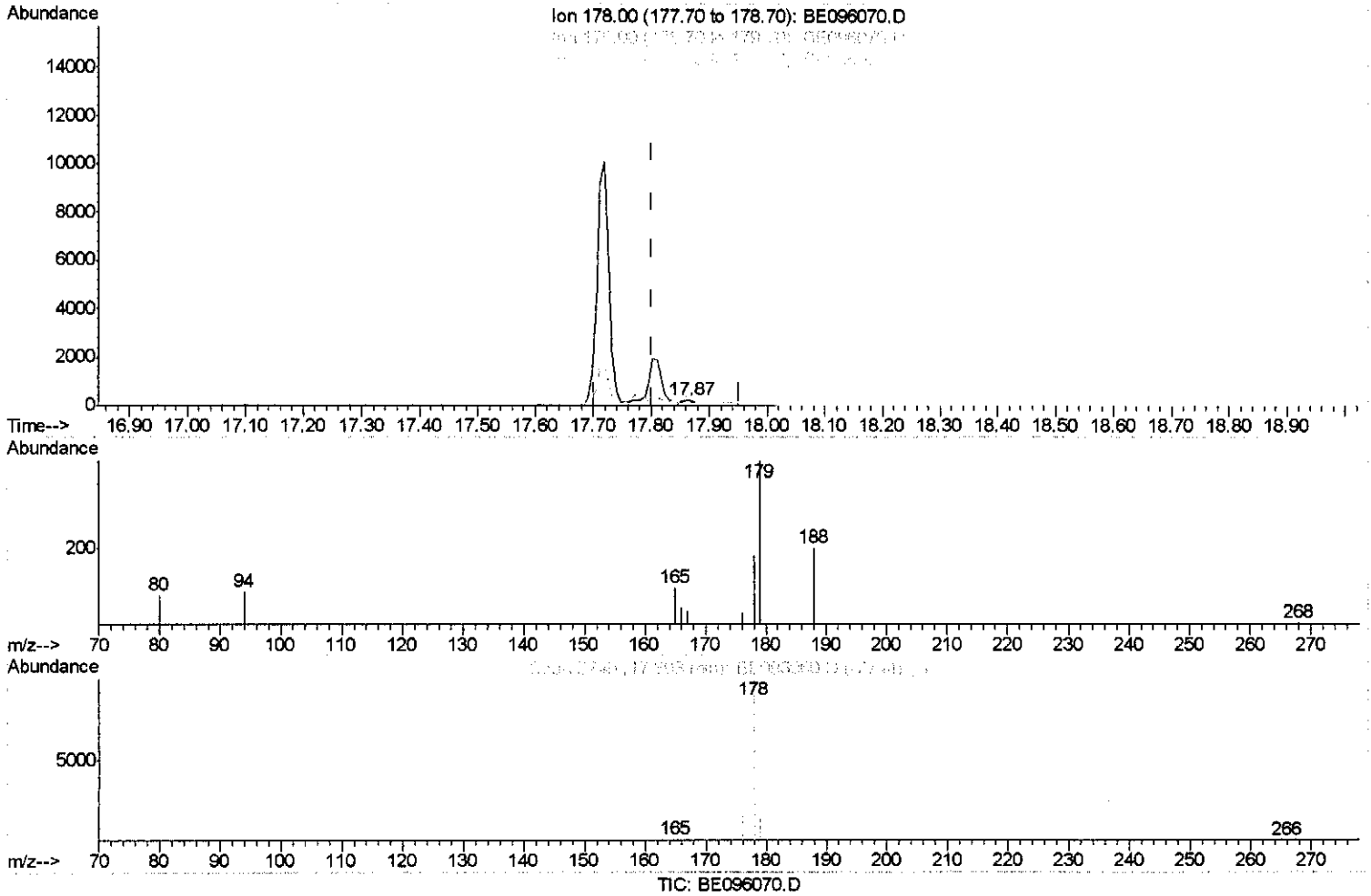
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AC0

Manual Integrations
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(13) Anthracene

17.867min (+0.064) 0.05ng/ul

response 1076

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	195.14#
176.00	18.40	42.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

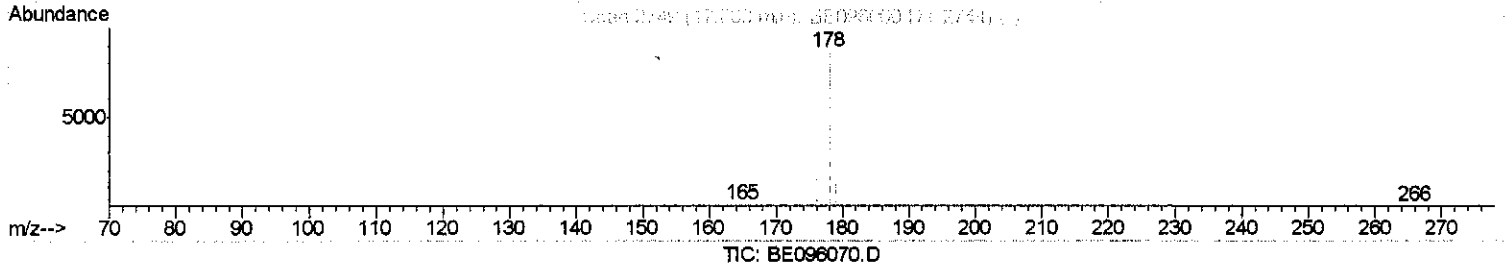
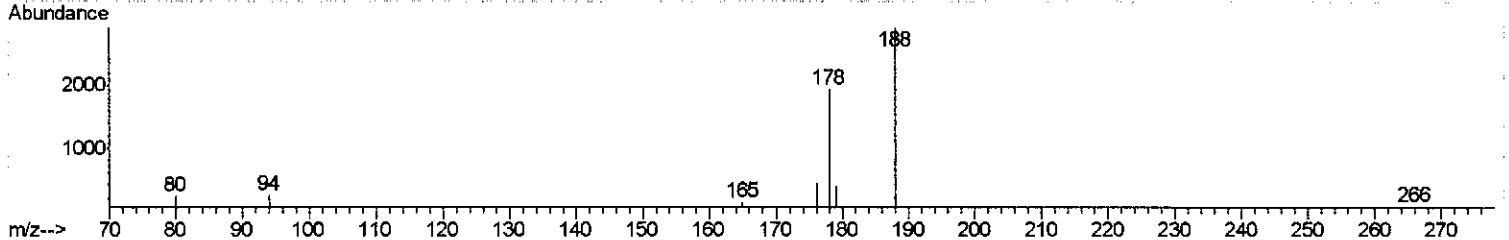
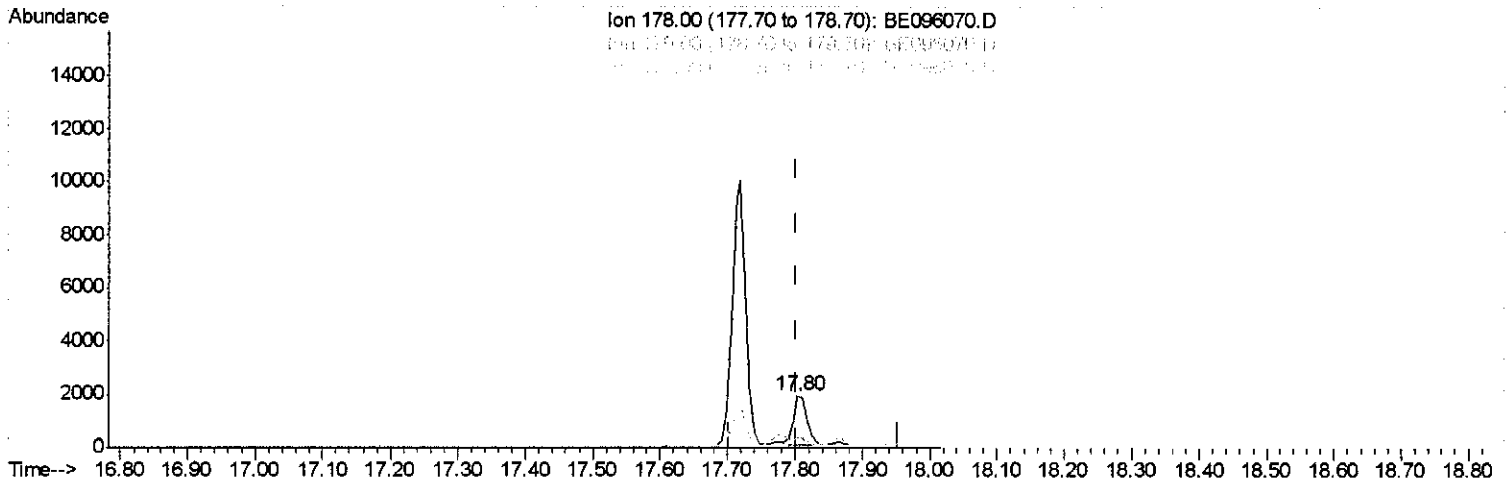
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
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 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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 ClientSampleId :
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(13) Anthracene

17.803min (+0.001) 0.12ng/ul m > SJ 4/24/18

response 2746

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	19.47
176.00	18.40	21.79
0.00	0.00	0.00

Quantitation Report (Qedit)

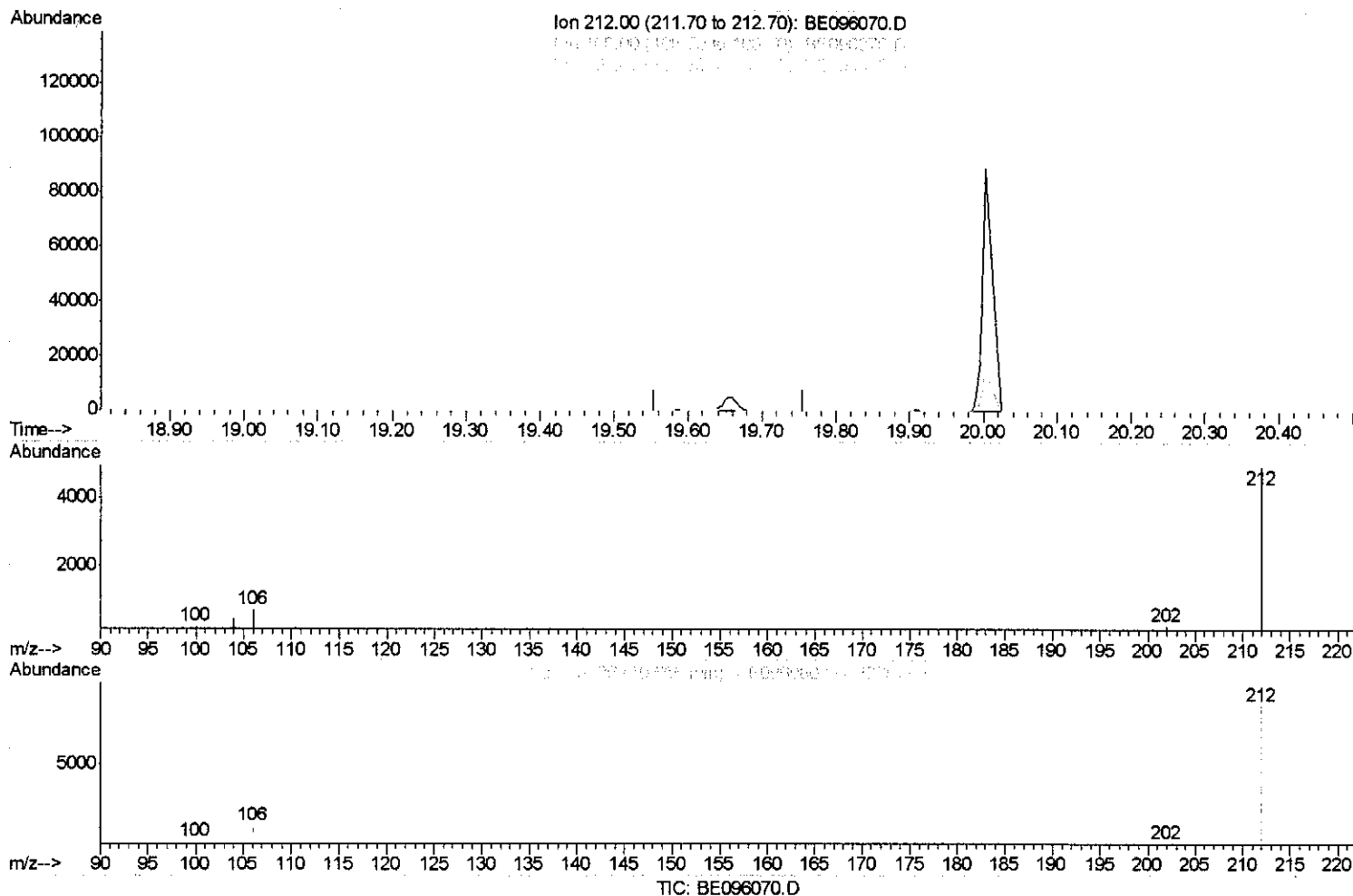
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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)

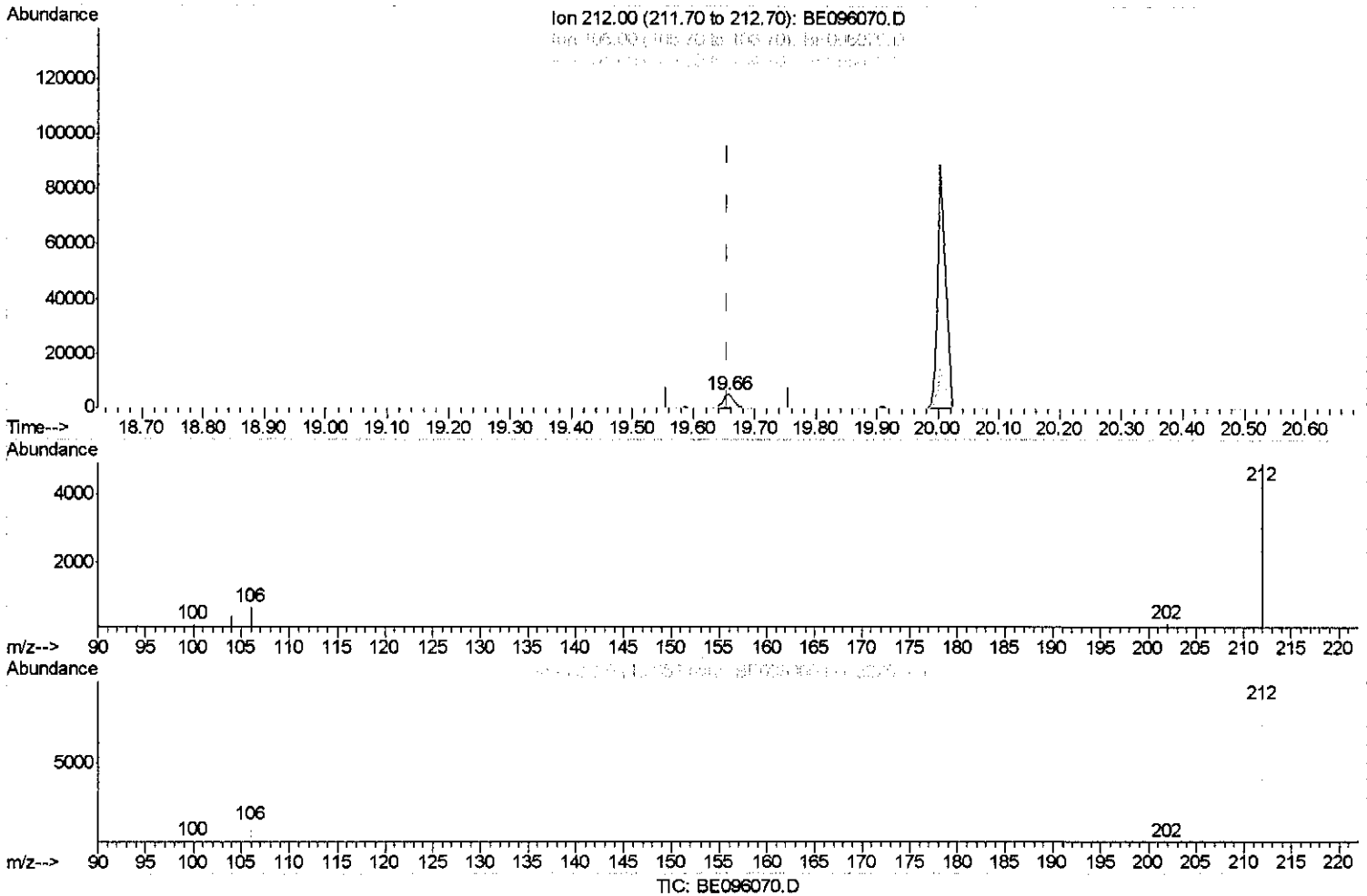
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

Sohil
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 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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(14) Fluoranthene-d10 (SURR)

19.655min (-0.000) 0.20ng/ul m > 52 4/24/18

response 6420

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)

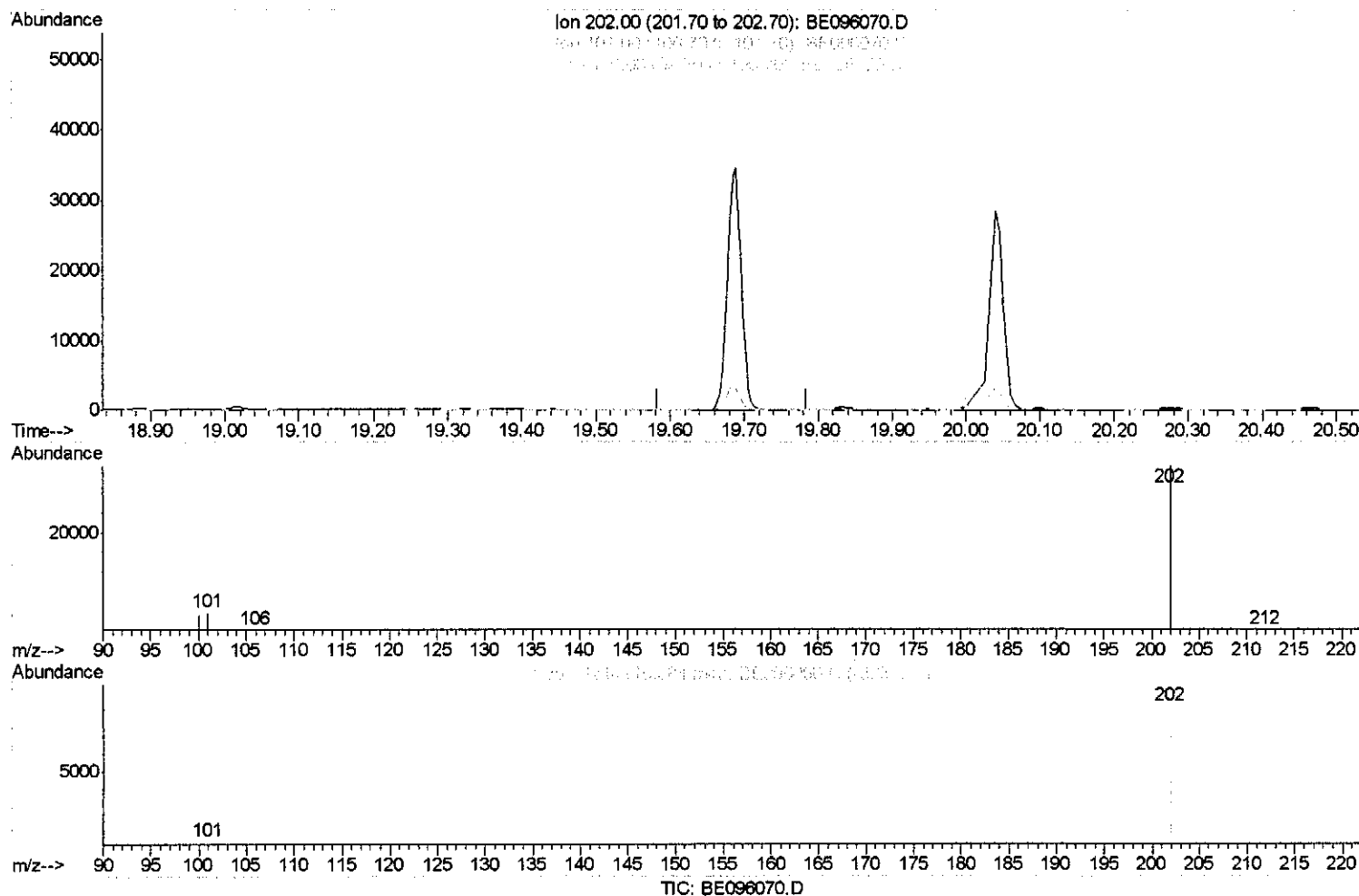
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

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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)

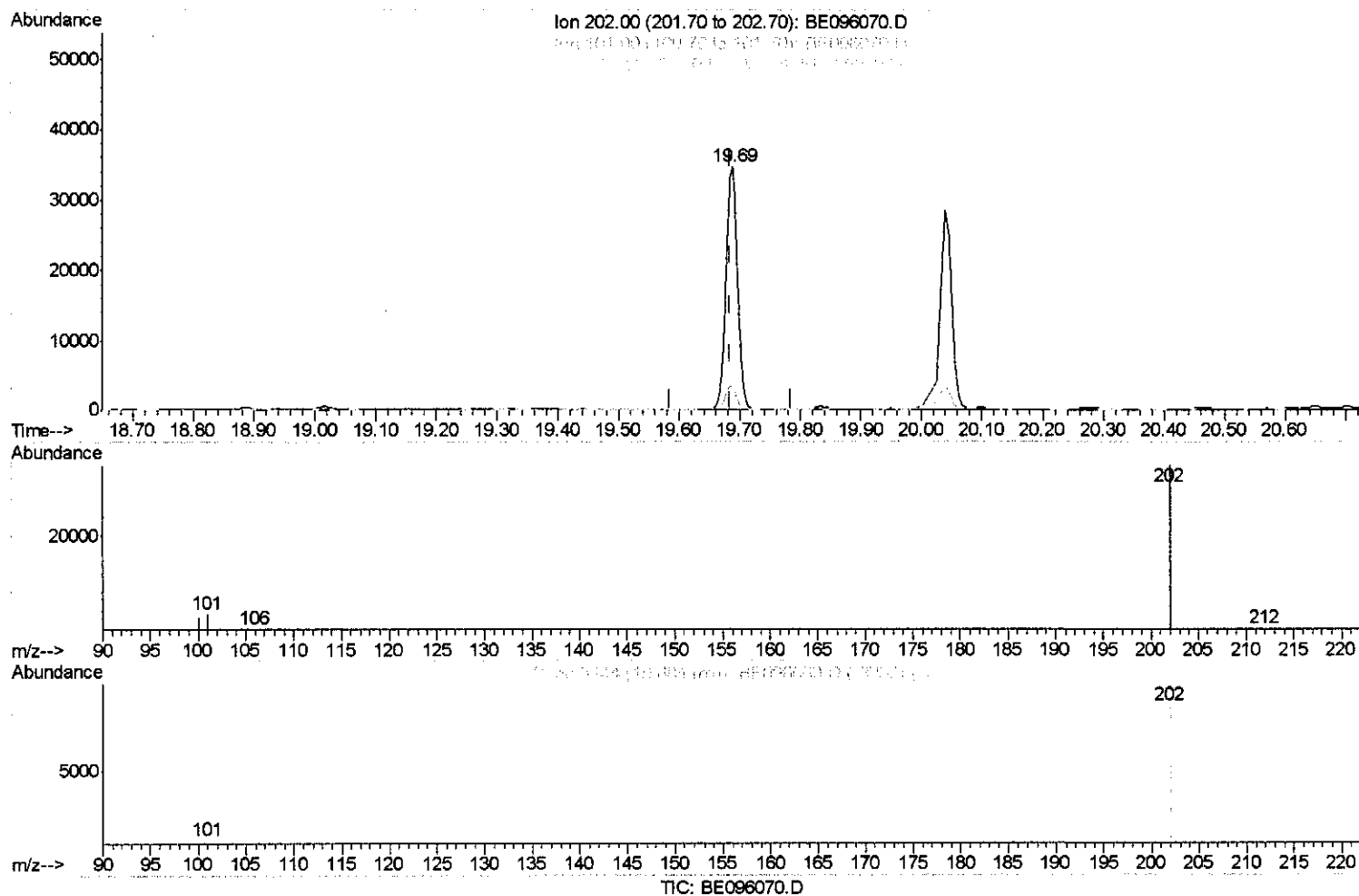
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC0

Manual Integrations
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(15) Fluoranthene (C)

19.688min (+0.003) 1.45ng/ul m > SJ 4/24/18

response 44985

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	9.69
100.00	19.50	7.91
0.00	0.00	0.00

Quantitation Report (Qedit)

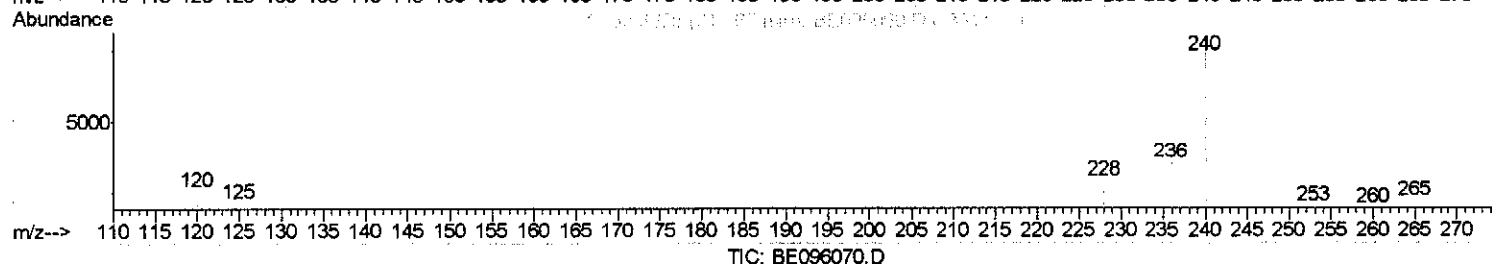
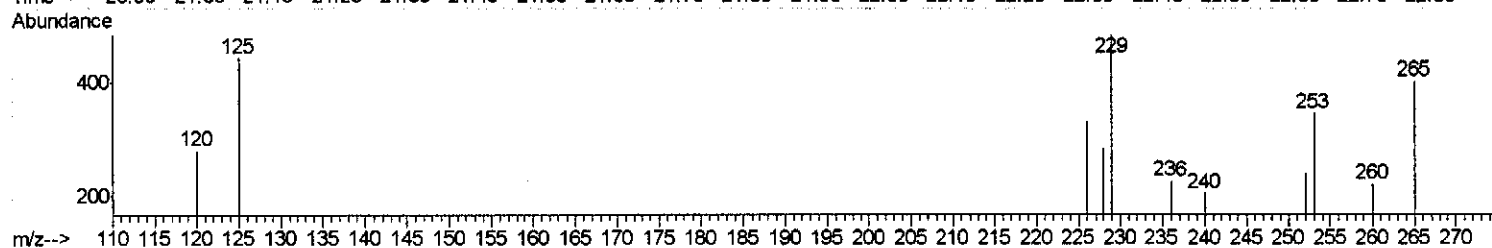
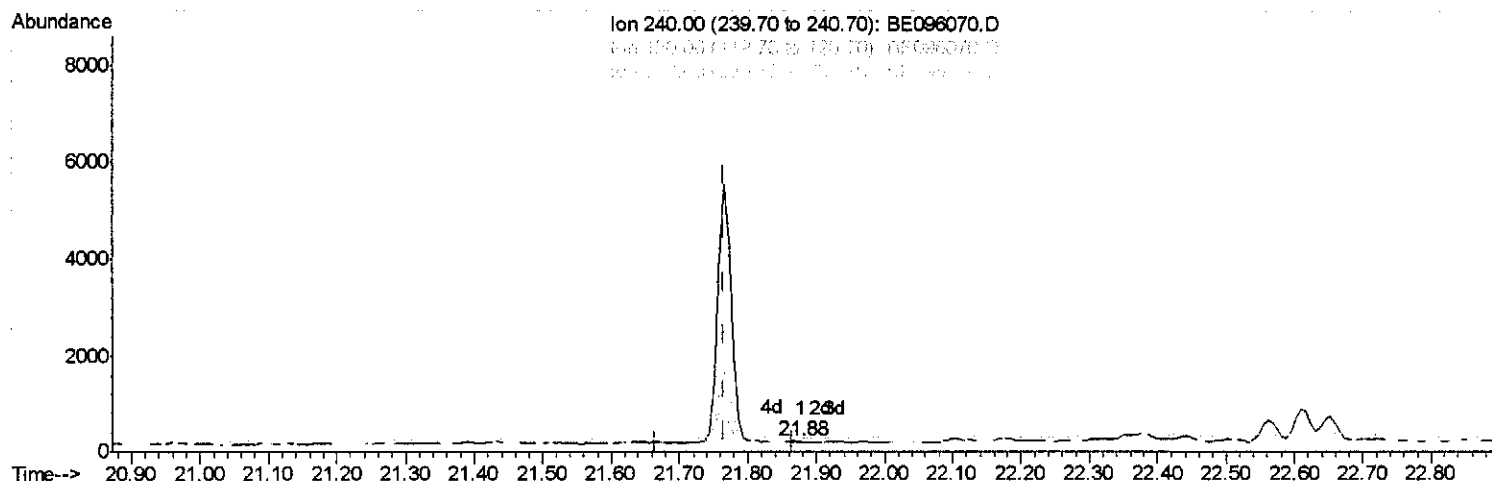
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:31 PM

Quant Time: Apr 23 03:48:34 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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(16) Chrysene-d12 (I)

21.878min (+0.113) 0.40ng/ul

response 14

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	136.76#
236.00	34.90	109.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

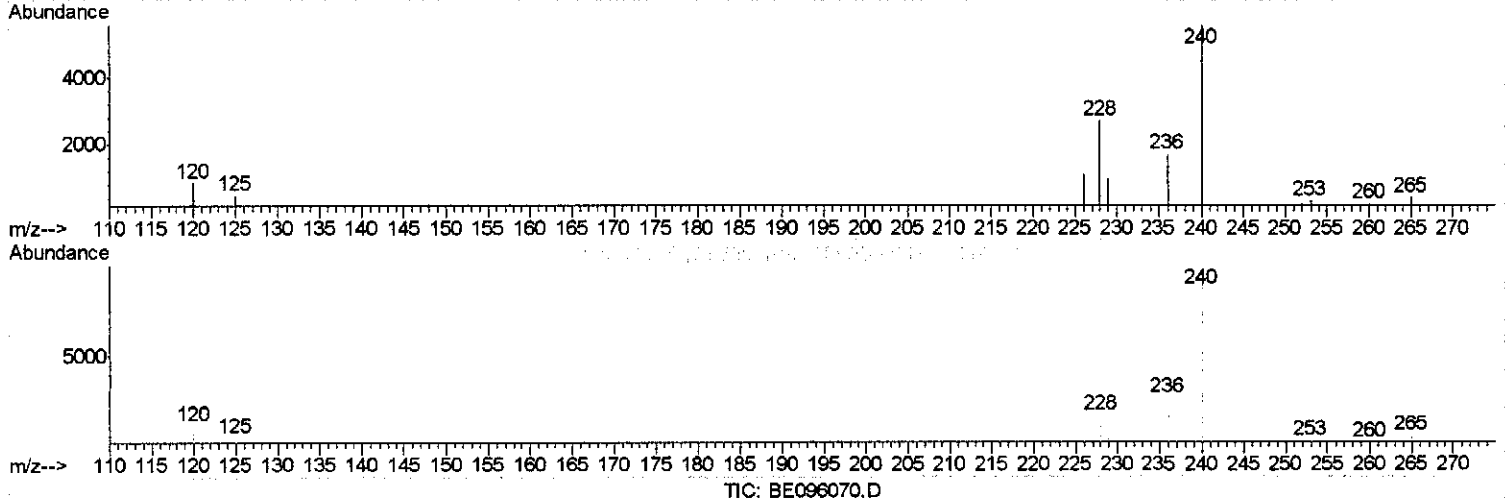
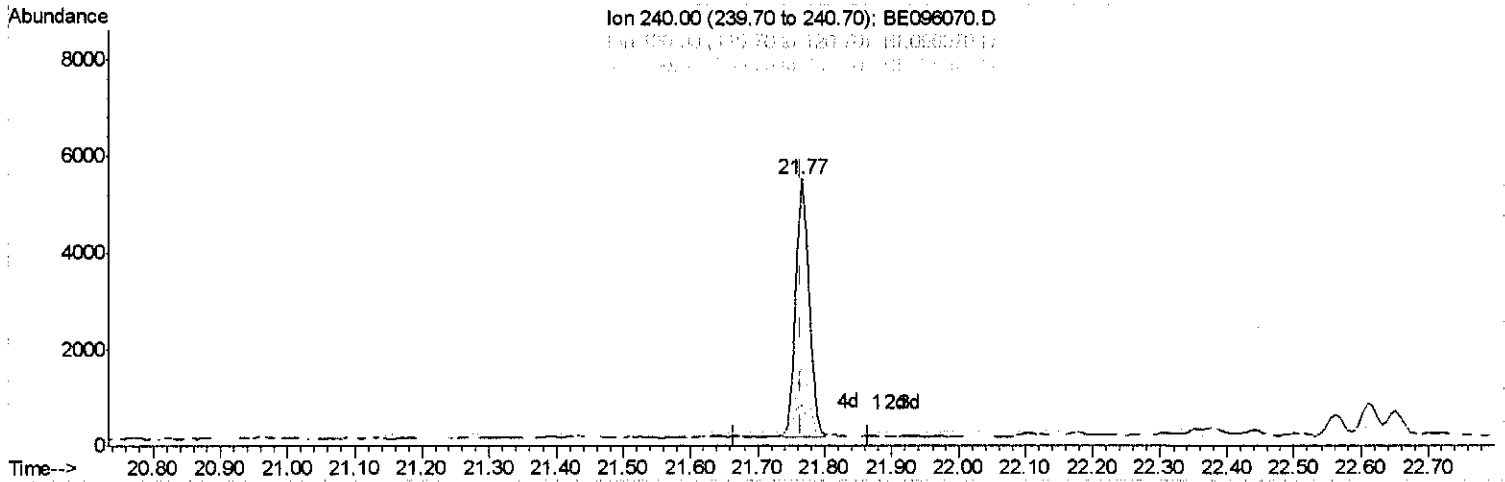
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:31 PM

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 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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(16) Chrysene-d12 (I)

21.766min (+0.000) 0.40ng/ul m> SJ 4/24/18

response 7269

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	15.28#
236.00	34.90	30.42
0.00	0.00	0.00

Quantitation Report (Qedit)

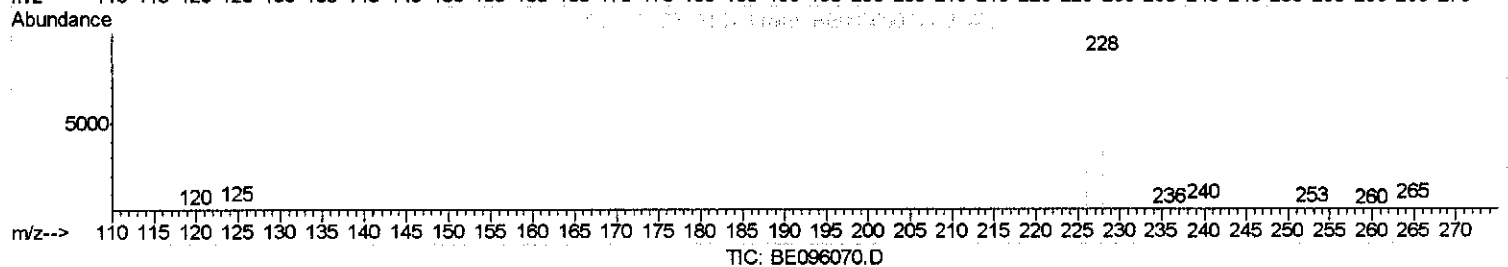
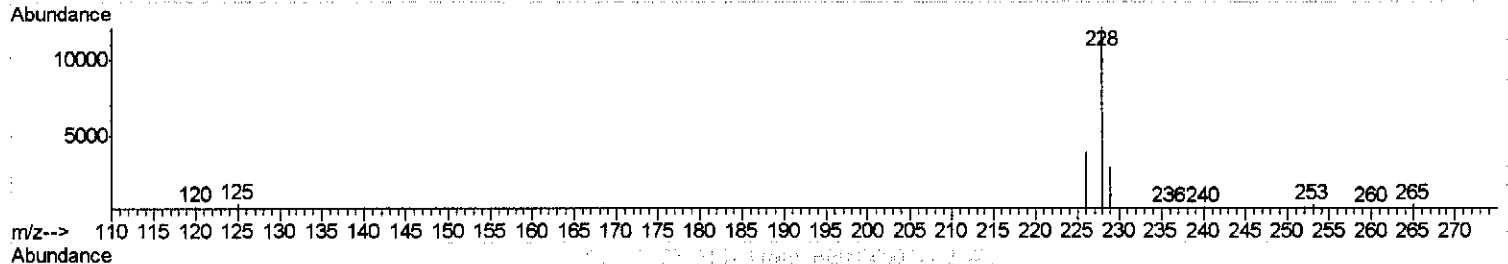
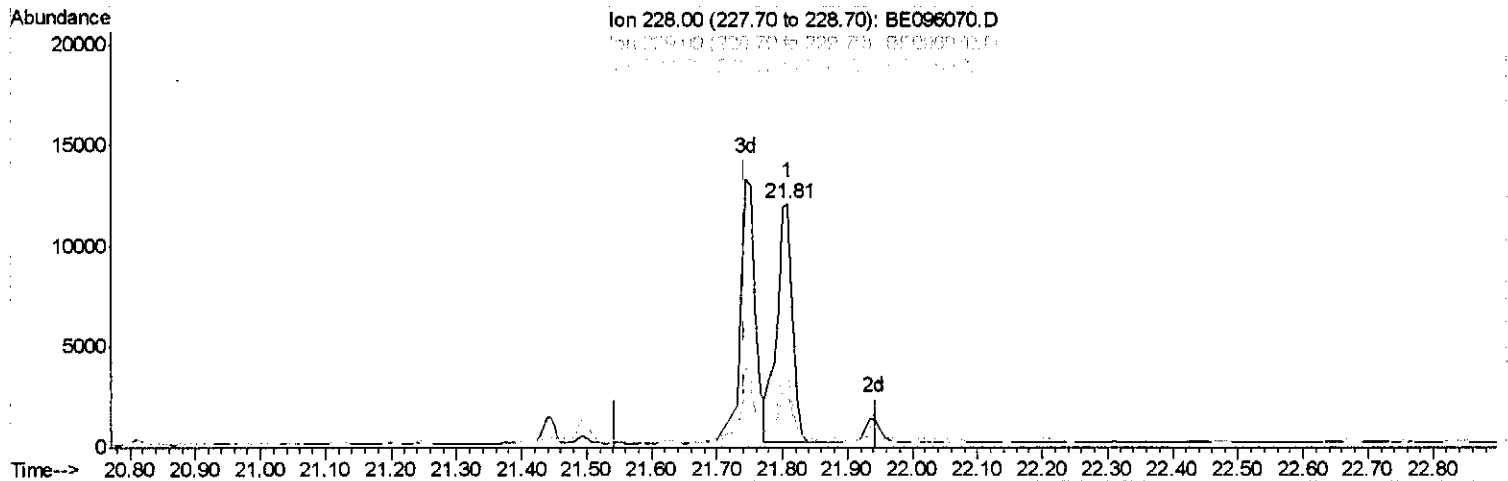
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(18) Benzo(a)anthracene

21.808min (+0.064) 0.68ng/ul

response 19881

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	23.51
226.00	21.30	31.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

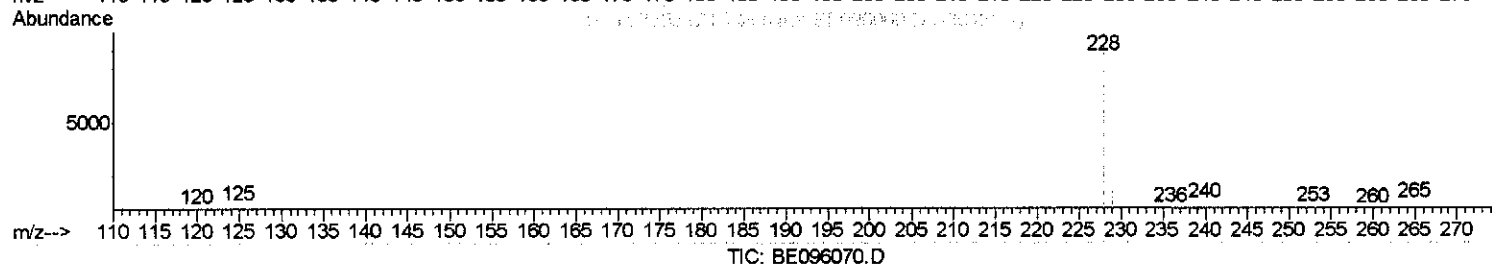
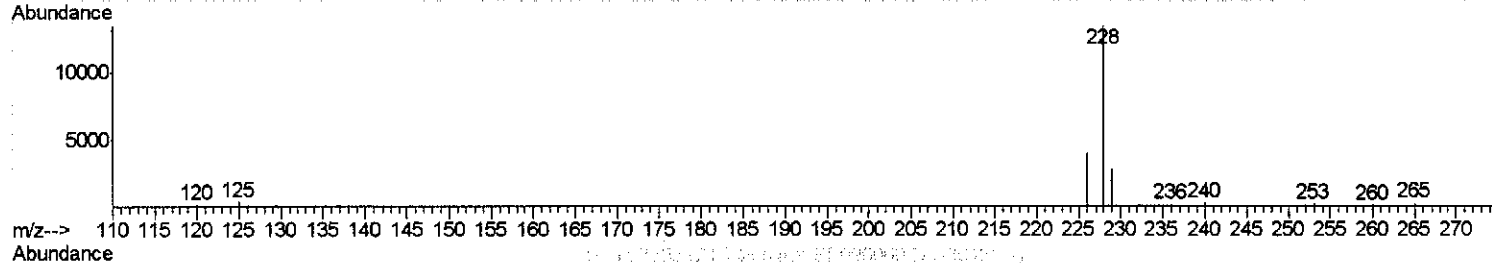
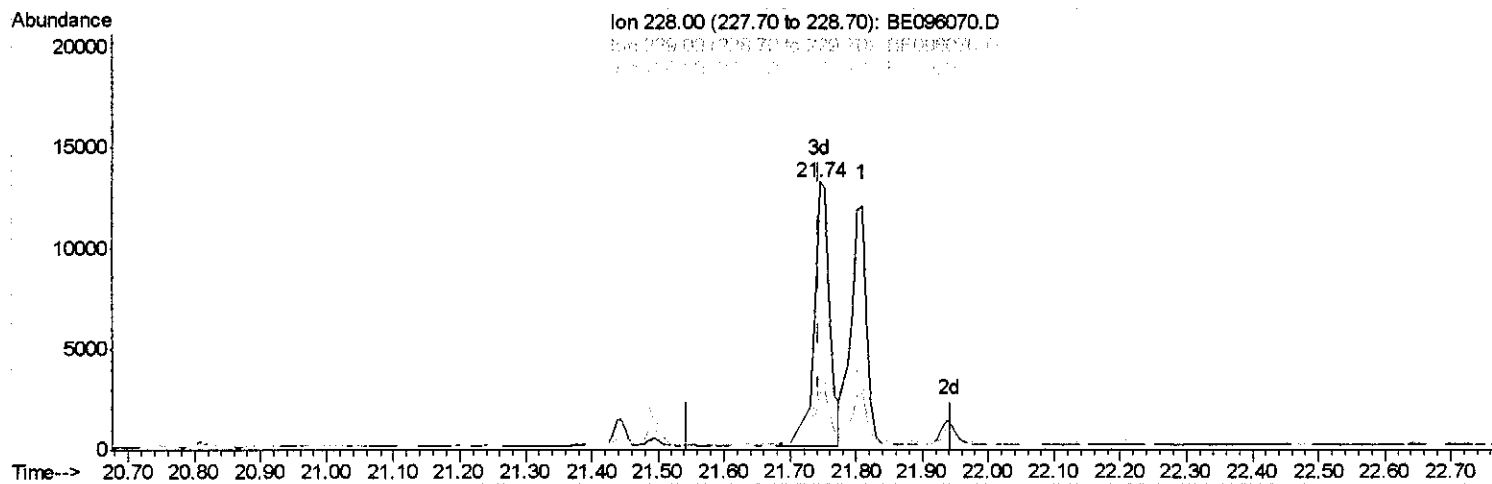
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
Data File : BE096070.D
Acq On : 21 Apr 2018 8:57
Operator : SJ/JU
Sample : J2434-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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(18) Benzo(a)anthracene

21.744min (+0.000) 0.82ng/ul m> SJ 4/24/18

response 23982

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	21.82#
226.00	21.30	30.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

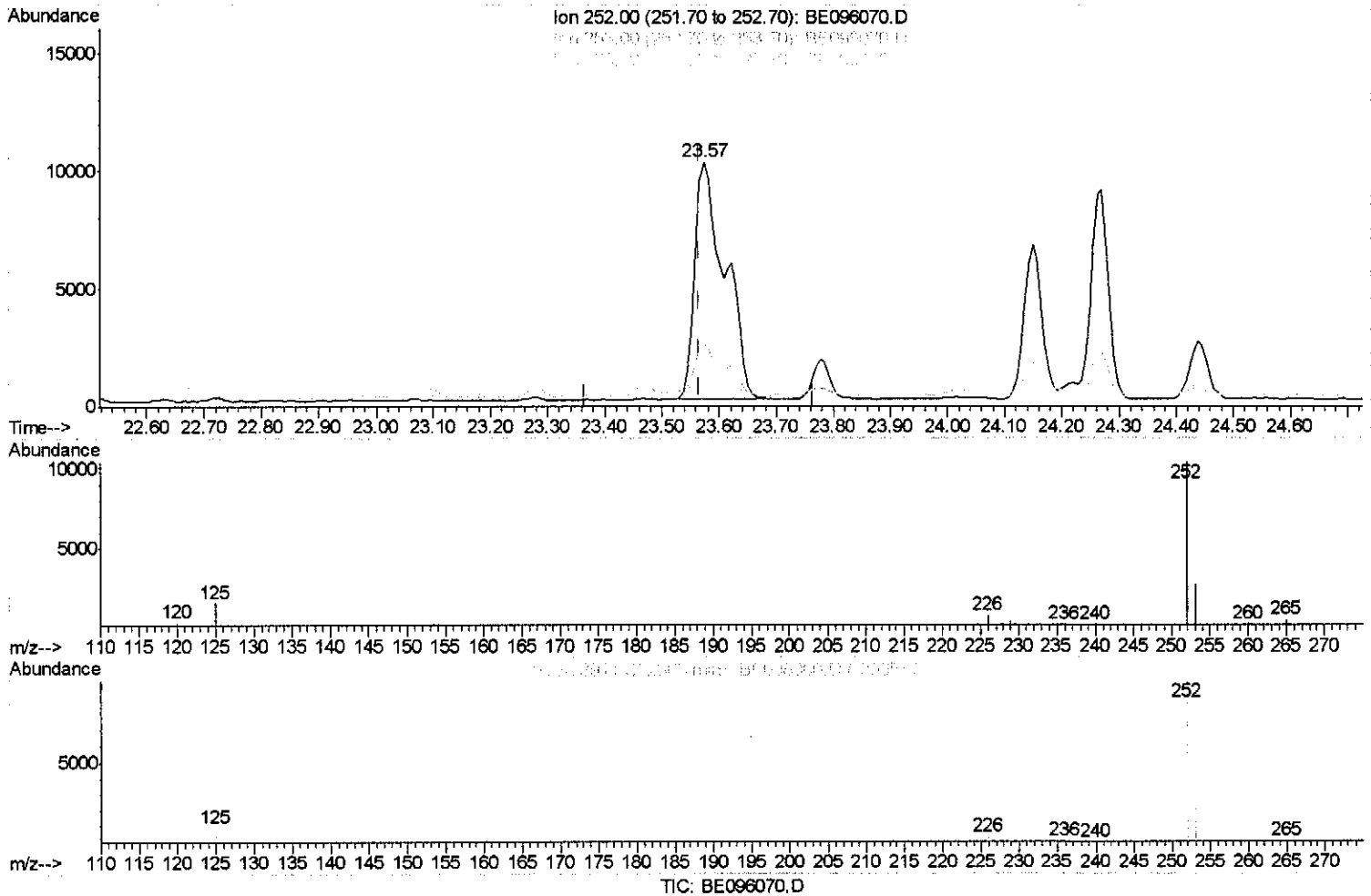
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
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(21) Benzo(b)fluoranthene

23.573min (+0.007) 1.41ng/ul

response 36534

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	26.07
125.00	17.50	15.15
0.00	0.00	0.00

Quantitation Report (Qedit)

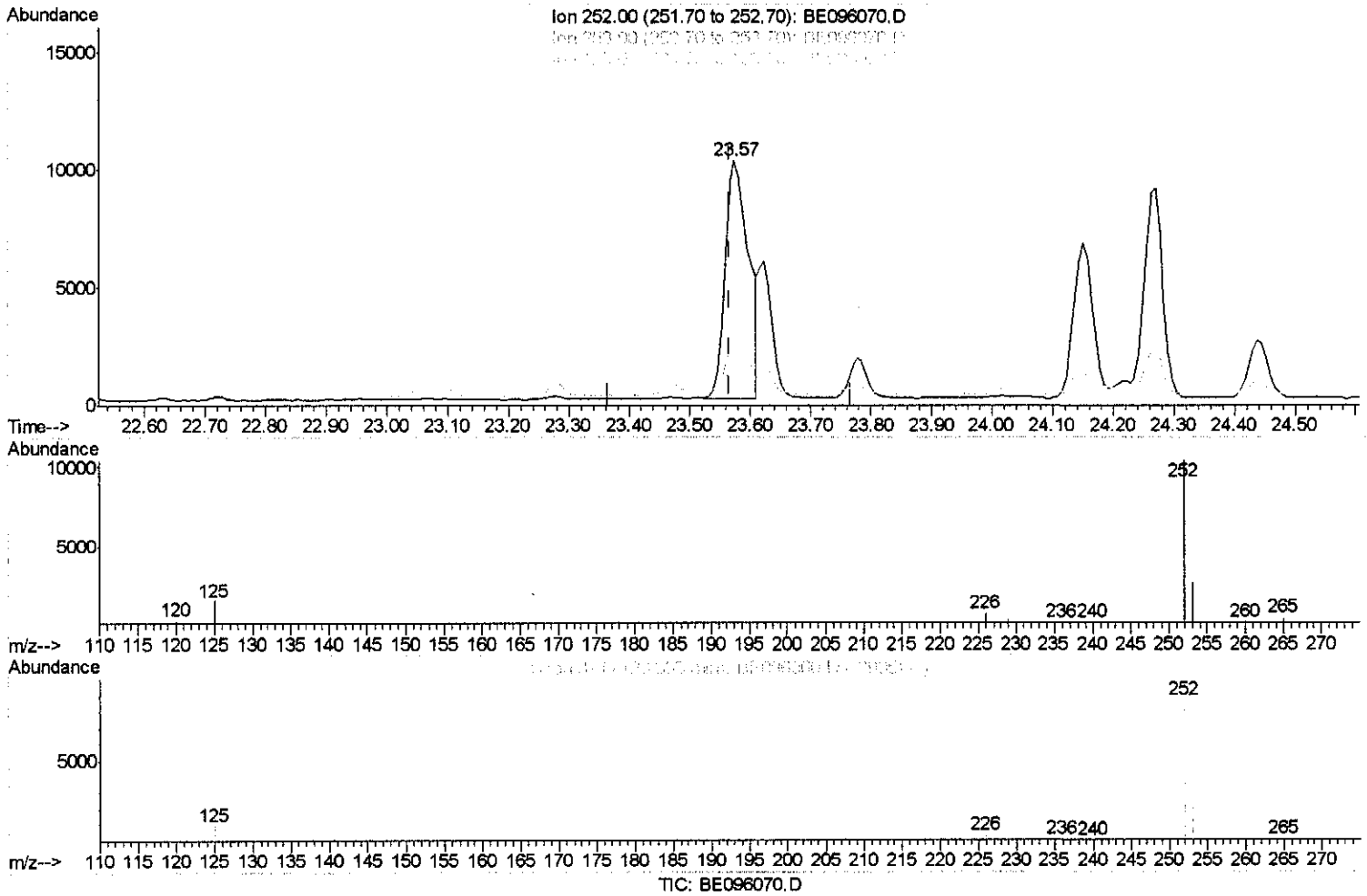
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
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(21) Benzo(b)fluoranthene

23.573min (+0.007) 1.06ng/ul m > SJ 4/24/18

response 27539

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	26.07
125.00	17.50	15.15
0.00	0.00	0.00

Quantitation Report (Qedit)

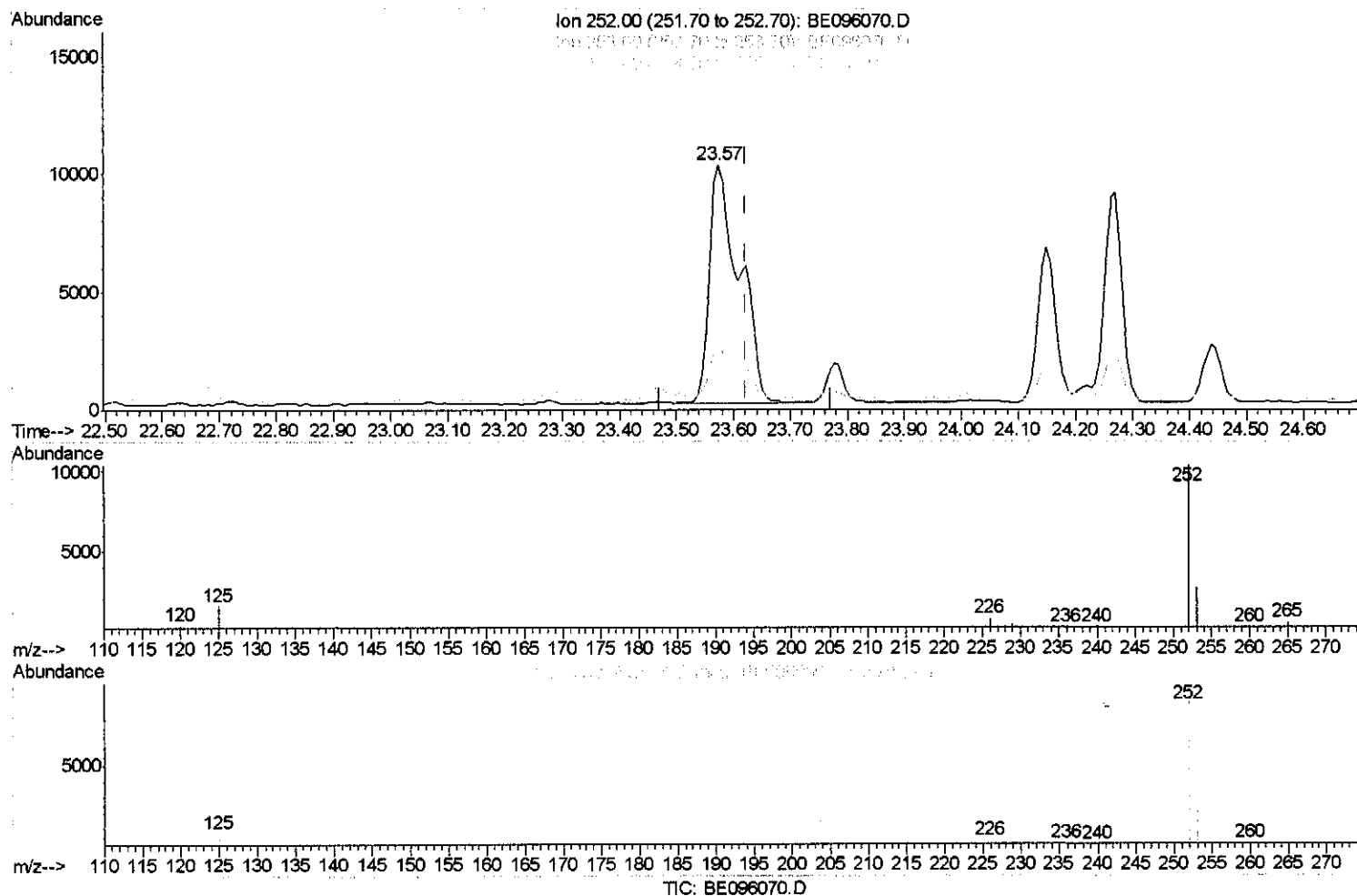
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
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(22) Benzo(k)fluoranthene

23.573min (-0.049) 1.42ng/ui

response 36600

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.07
125.00	17.10	15.15
0.00	0.00	0.00

Quantitation Report (Qedit)

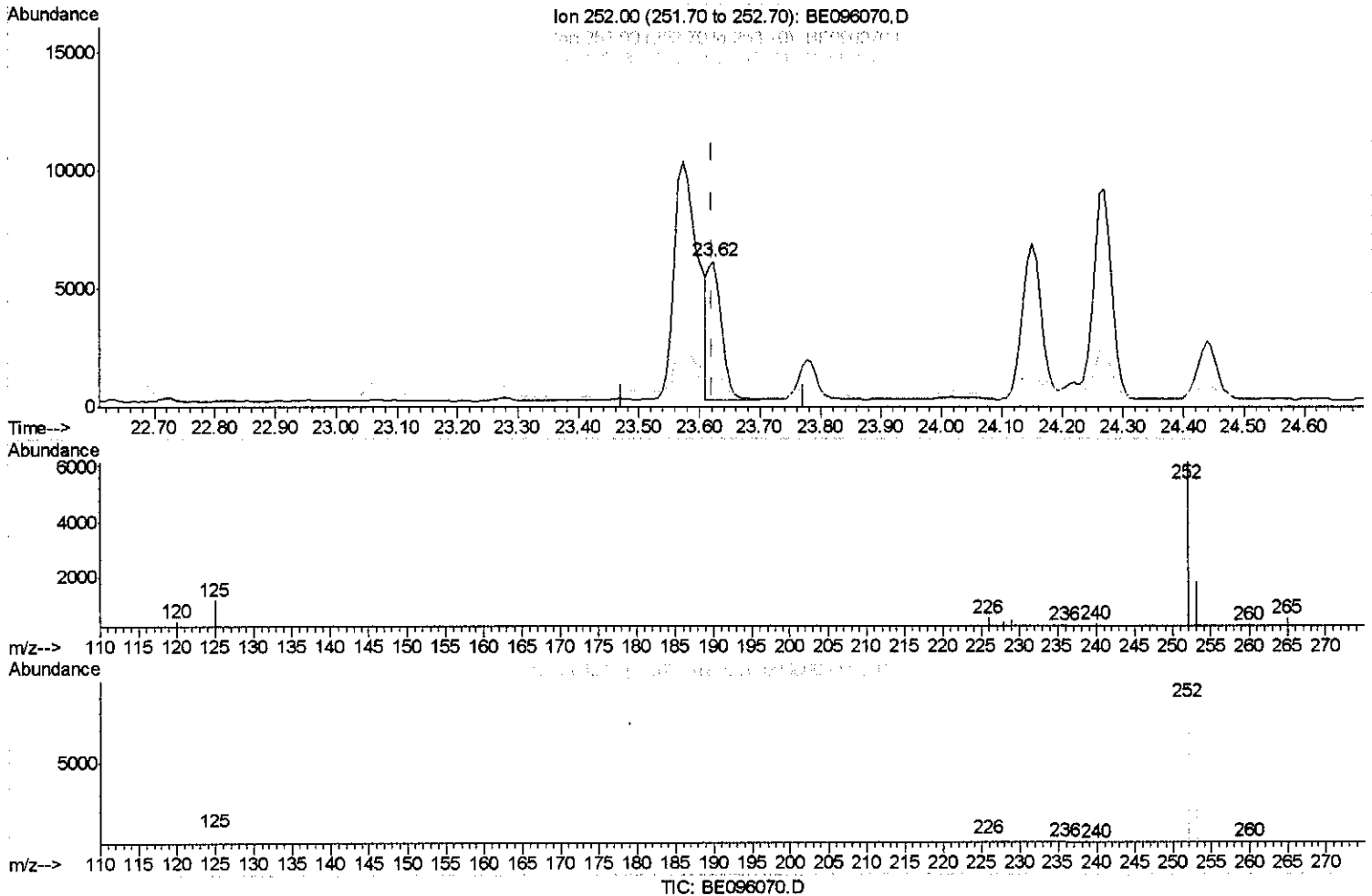
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 C0AC0

Manual Integrations
 APPROVED

Sohil
 4/23/2018 6:44:31 PM

Quant Time: Apr 23 03:48:34 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

23.622min (+0.000) 0.36ng/ul m > SJ 4/24/18

response 9378

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.96
125.00	17.10	18.21
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
Client Sampled :
C0AC0

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
Data File : BE096070.D
Acq On : 21 Apr 2018 8:57
Operator : SJ/JU
Sample : J2434-05
Misc :
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Manual Integrations
APPROVED

Sohil
4/23/2018 6:44:31 PM

Quant Time: Apr 23 03:51:44 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	2113	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	6085	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3613	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	7746m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7269m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	8009	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2521	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	6420m	0.20	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.25	128	572	0.034	ng/ul#	69
5) 2-Methylnaphthalene	12.83	142	464	0.040	ng/ul	98
7) Acenaphthylene	14.70	152	662	0.035	ng/ul#	80
8) Acenaphthene	15.03	153	461	0.034	ng/ul#	88
9) Fluorene	15.99	166	517	0.034	ng/ul#	83
12) Phenanthrene	17.72	178	14341m	0.628	ng/ul	
13) Anthracene	17.80	178	2746m	0.121	ng/ul	
15) Fluoranthene	19.69	202	44985m	1.448	ng/ul	
17) Pyrene	20.04	202	37361	1.513	ng/ul#	79
18) Benzo(a)anthracene	21.74	228	23982m	0.817	ng/ul	
19) Chrysene	21.81	228	19782	0.936	ng/ul	96
21) Benzo(b)fluoranthene	23.57	252	27539m	1.063	ng/ul	
22) Benzo(k)fluoranthene	23.62	252	9378m	0.363	ng/ul	
23) Benzo(a)pyrene	24.27	252	19938	0.797	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	27.17	276	13214	0.475	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.17	278	3330	0.149	ng/ul#	71
26) Benzo(a,h,i)perylene	28.05	276	14414	0.621	ng/ul	93

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