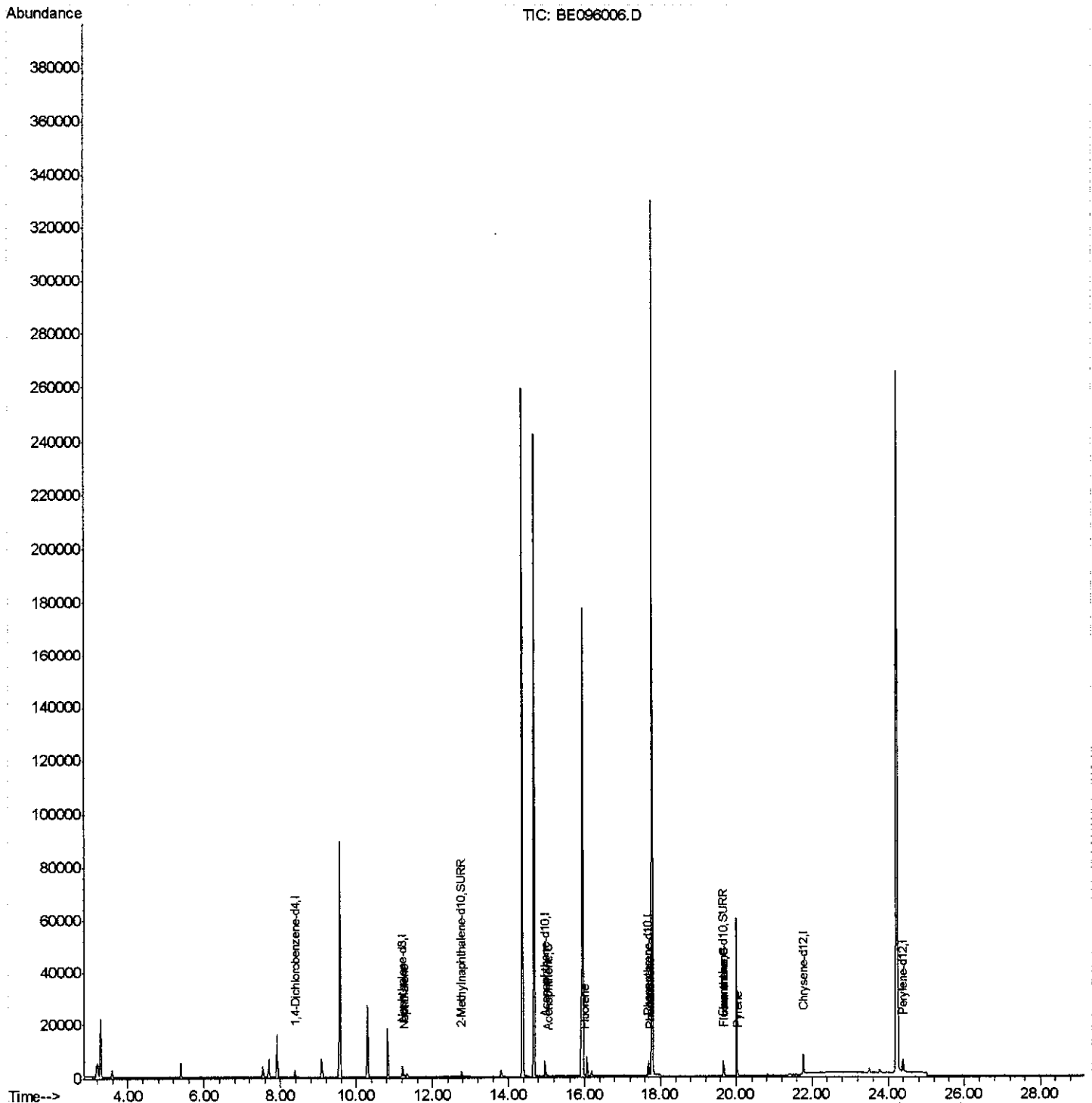


Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
Data File : BE096006.D
Acq On : 16 Apr 2018 13:00
Operator : SJ/JU
Sample : J2313-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
4/17/2018 4:51:31 PM

Quant Time: Apr 16 14:47:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 03:47:21 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

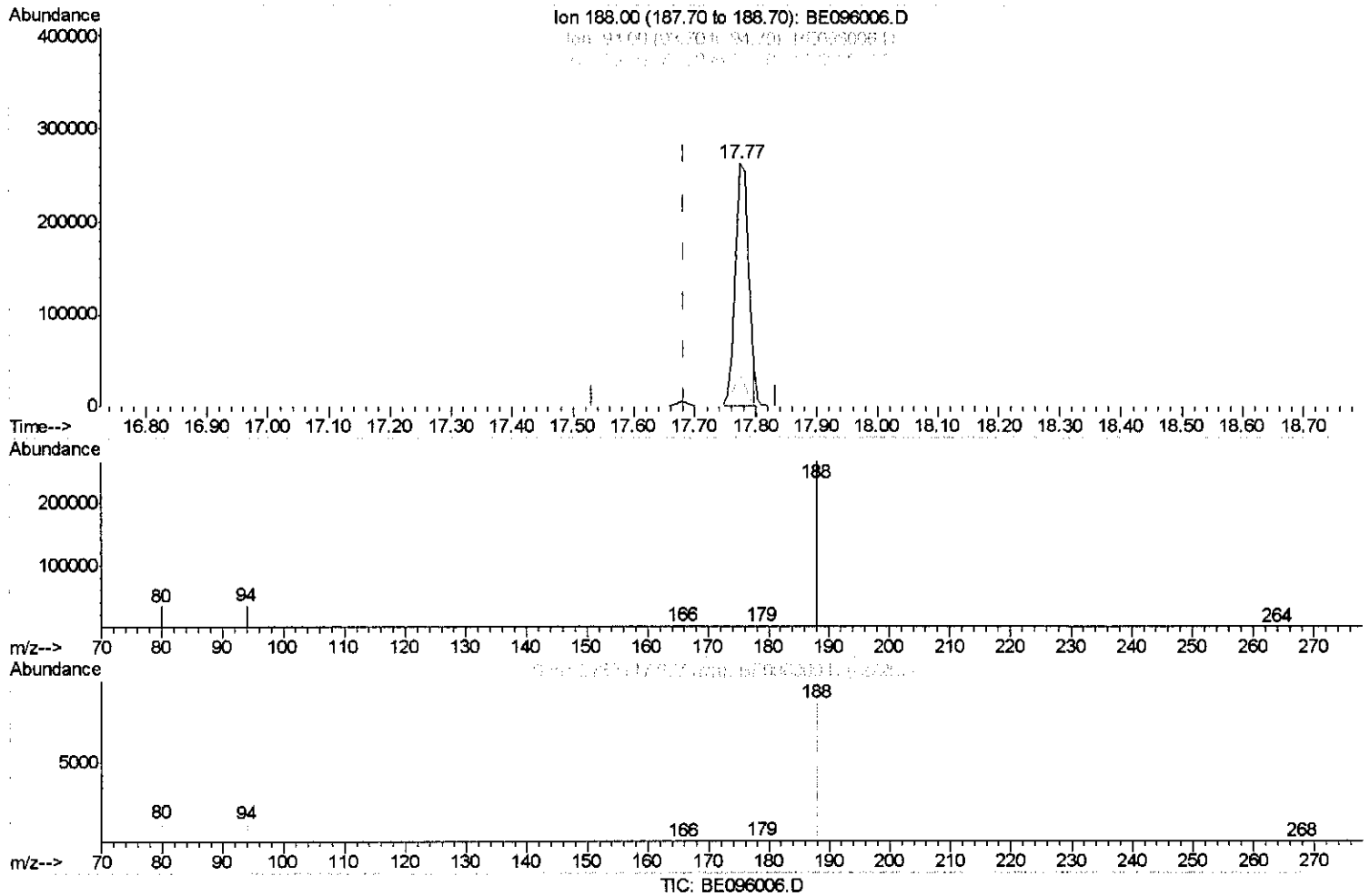
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096006.D
 Acq On : 16 Apr 2018 13:00
 Operator : SJ/JU
 Sample : J2313-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1A31

Manual Integrations
 APPROVED

Sohil
 4/17/2018 4:51:31 PM

Quant Time: Apr 16 14:34:25 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 03:47:21 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.774min (+0.092) 0.40ng/ul

response 389570

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.69
80.00	11.80	12.32
0.00	0.00	0.00

Quantitation Report (Qedit)

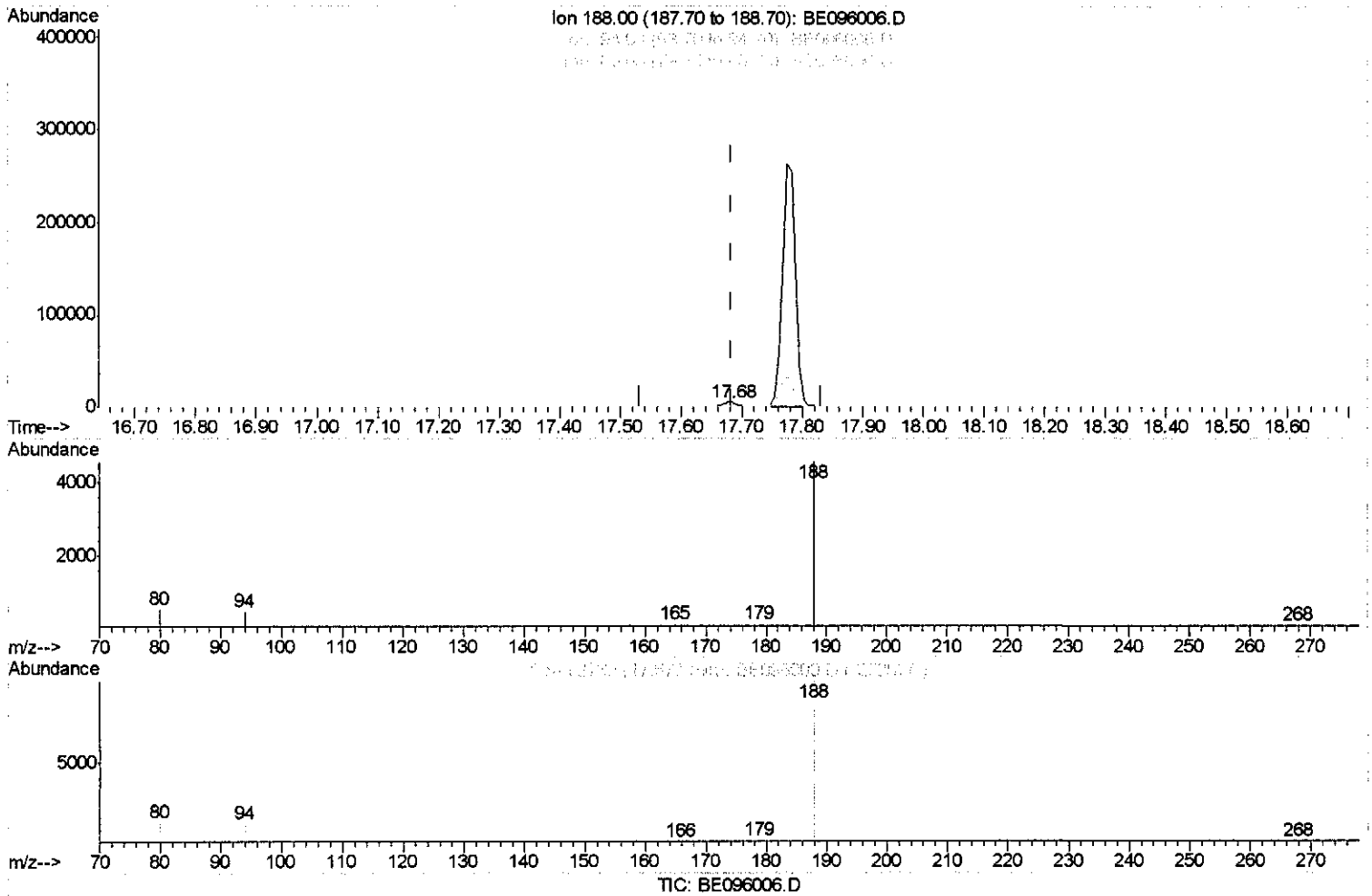
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096006.D
 Acq On : 16 Apr 2018 13:00
 Operator : SJ/JU
 Sample : J2313-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1A31

Manual Integrations
 APPROVED

Sohil
 4/17/2018 4:51:31 PM

Quant Time: Apr 16 14:34:25 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 03:47:21 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.683min (+0.000) 0.40ng/ul m> 52 4/14/18

response 6841

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.58
80.00	11.80	11.01
0.00	0.00	0.00

Quantitation Report (Qedit)

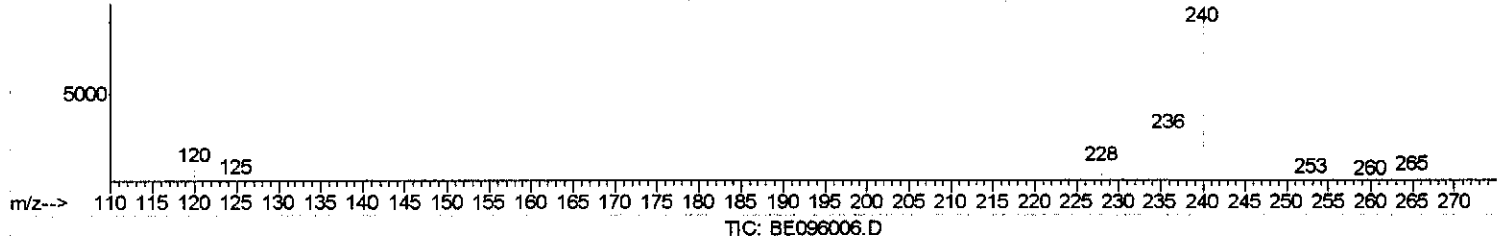
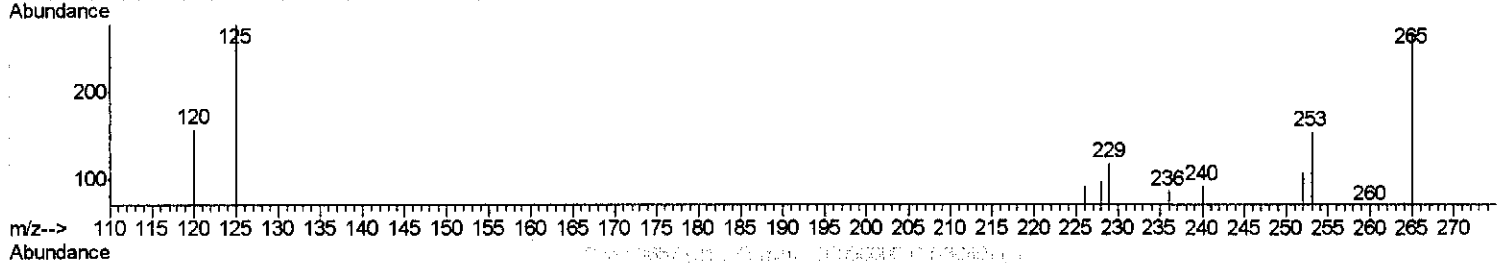
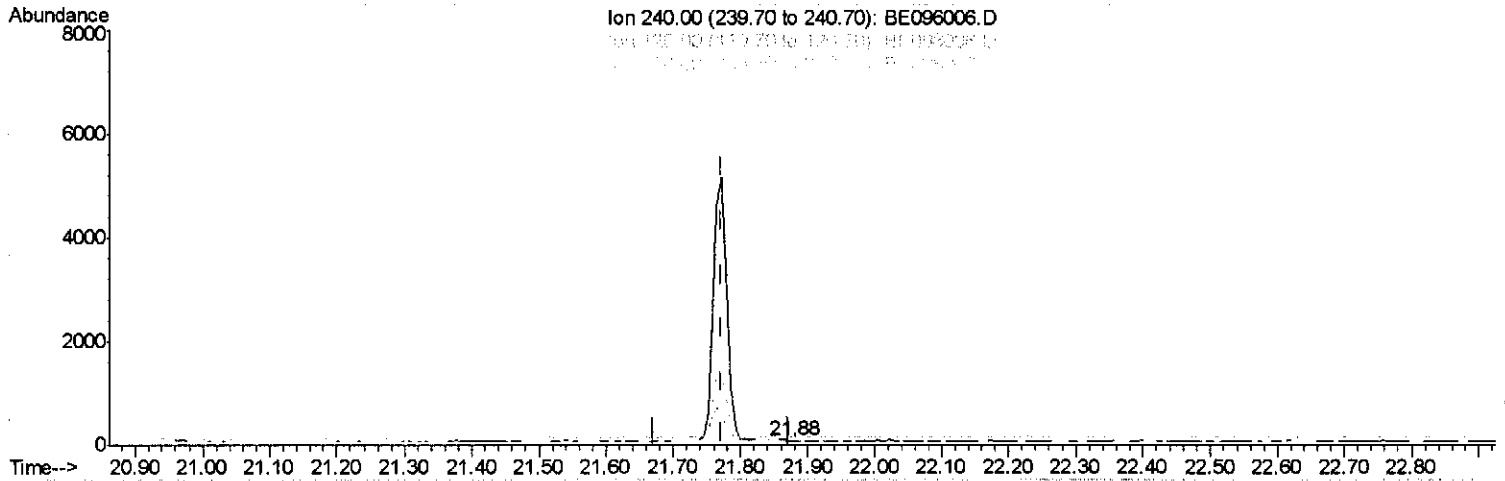
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096006.D
 Acq On : 16 Apr 2018 13:00
 Operator : SJ/JU
 Sample : J2313-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1A31

Manual Integrations
 APPROVED

Sohil
 4/17/2018 4:51:31 PM

Quant Time: Apr 16 14:34:25 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 03:47:21 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.878min (+0.105) 0.40ng/ul

response 33

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	171.74#
236.00	34.90	94.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

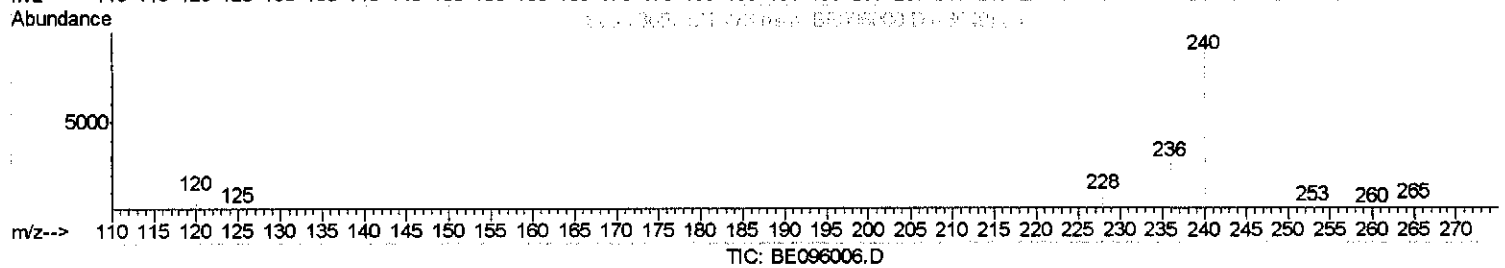
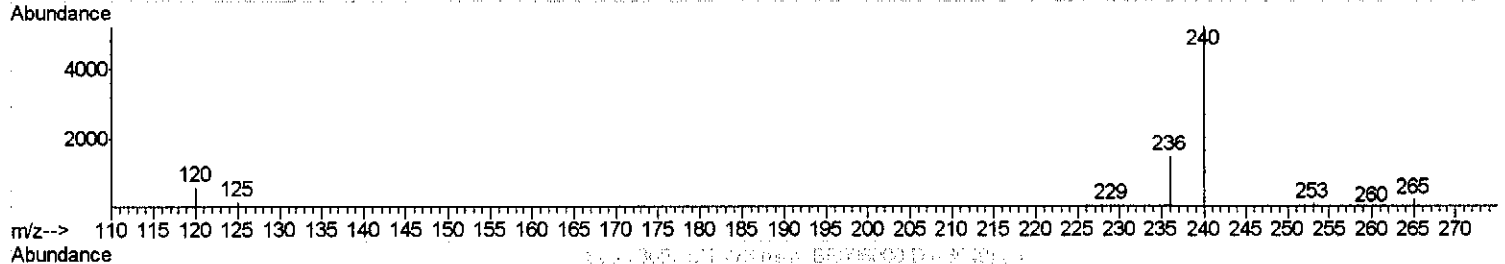
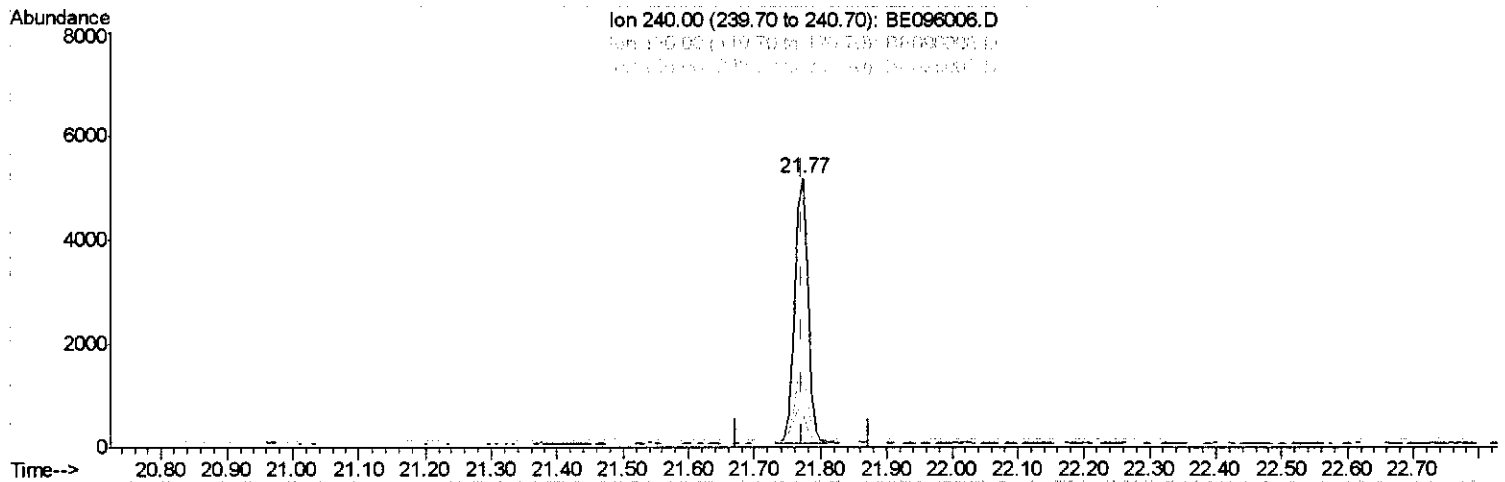
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096006.D
 Acq On : 16 Apr 2018 13:00
 Operator : SJ/JU
 Sample : J2313-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1A31

Manual Integrations
 APPROVED

Sohil
 4/17/2018 4:51:31 PM

Quant Time: Apr 16 14:34:25 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 03:47:21 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.772min (-0.000) 0.40ng/ul m > SJ 4/24/18

response 7112

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	12.15#
236.00	34.90	28.67
0.00	0.00	0.00

Quantitation Report (Qedit)

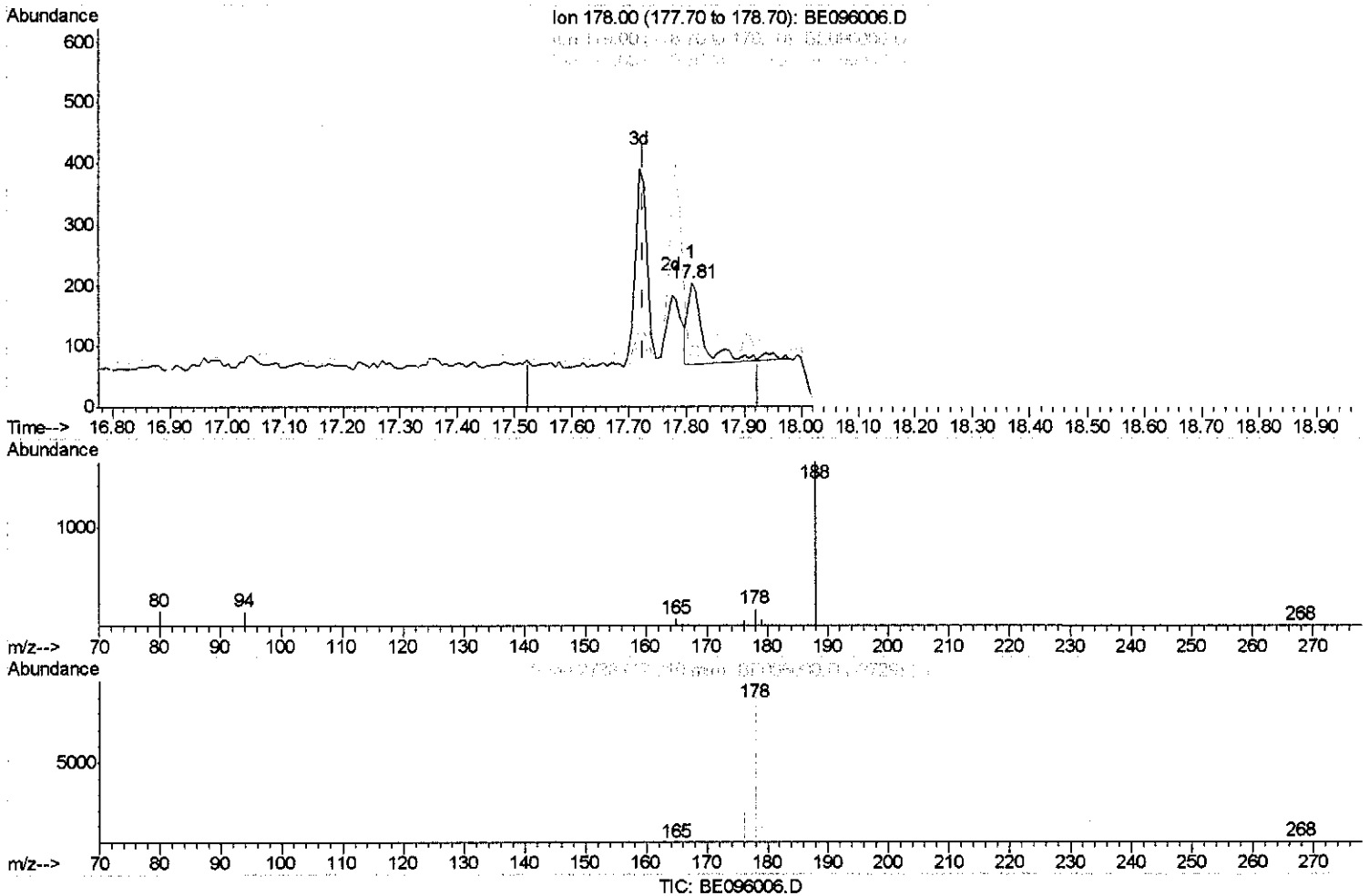
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096006.D
 Acq On : 16 Apr 2018 13:00
 Operator : SJ/JU
 Sample : J2313-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1A31

Manual Integrations
 APPROVED

Sohil
 4/17/2018 4:51:31 PM

Quant Time: Apr 16 14:41:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 03:47:21 2018
 Response via : Initial Calibration



(12) Phenanthrene

17.809min (+0.085) 0.01ng/ul

response 268

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	49.51#
176.00	17.00	43.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

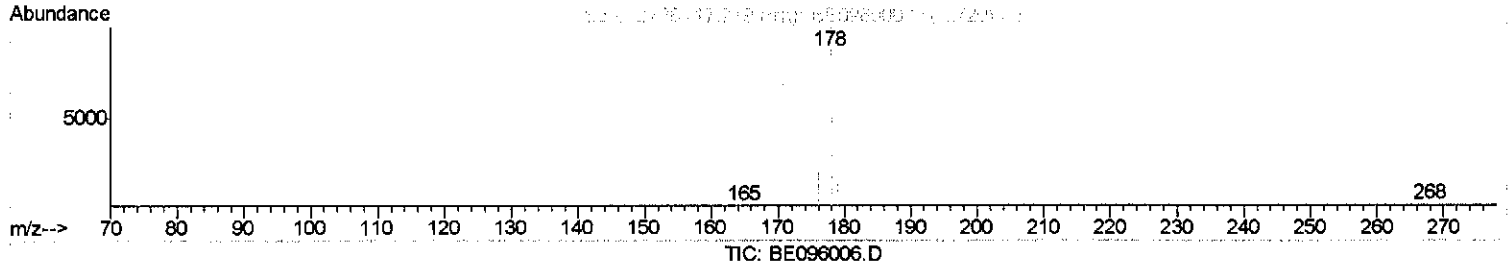
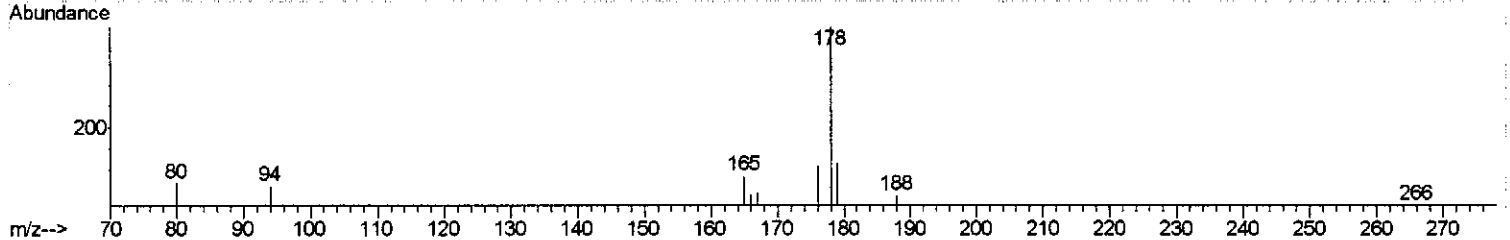
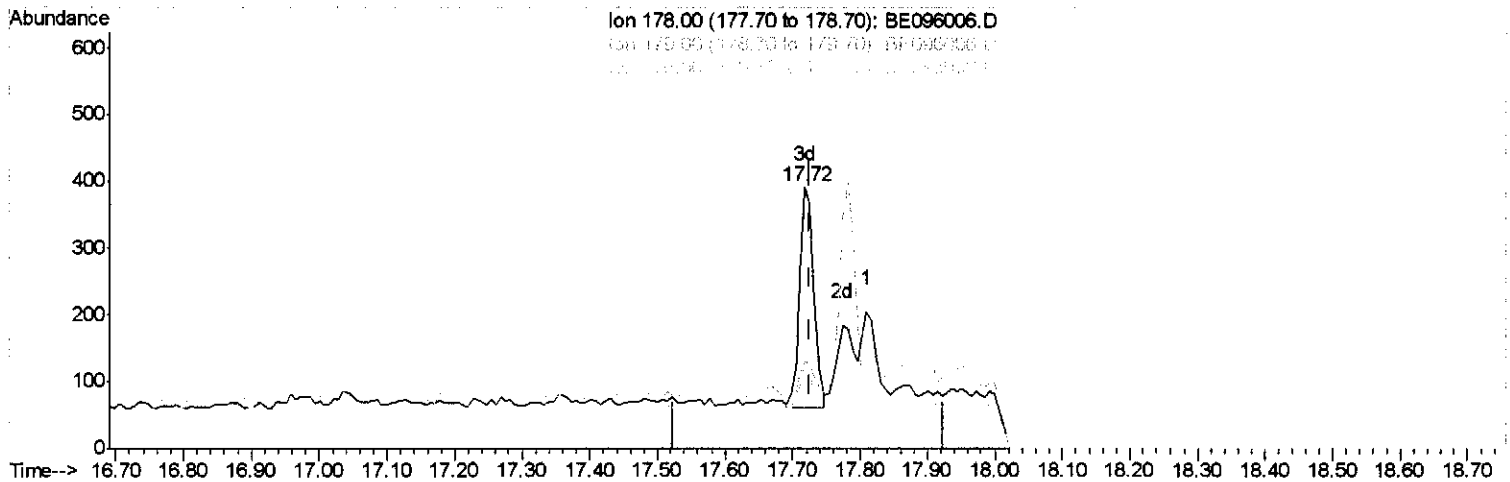
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096006.D
 Acq On : 16 Apr 2018 13:00
 Operator : SJ/JU
 Sample : J2313-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1A31

Manual Integrations
 APPROVED

Sohil
 4/17/2018 4:51:31 PM

Quant Time: Apr 16 14:41:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 03:47:21 2018
 Response via : Initial Calibration



(12) Phenanthrene

17.718min (-0.007) 0.02ng/ul m> SJ 4/24/18

response 488

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	33.50#
176.00	17.00	32.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

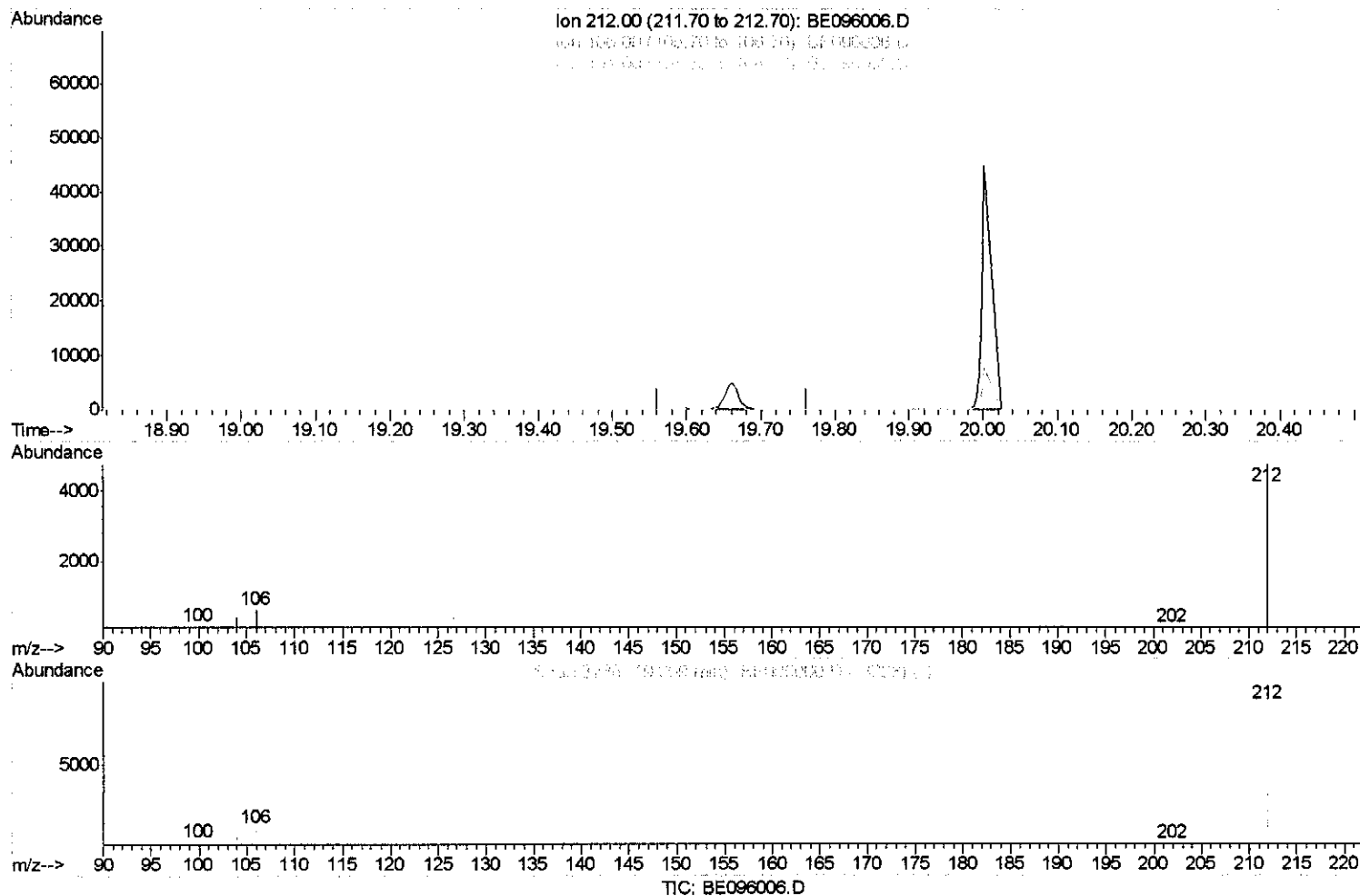
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096006.D
 Acq On : 16 Apr 2018 13:00
 Operator : SJ/JU
 Sample : J2313-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1A31

Manual Integrations
 APPROVED

Sohil
 4/17/2018 4:51:31 PM

Quant Time: Apr 16 14:44:07 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 03:47:21 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.662min (-19.662) 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)

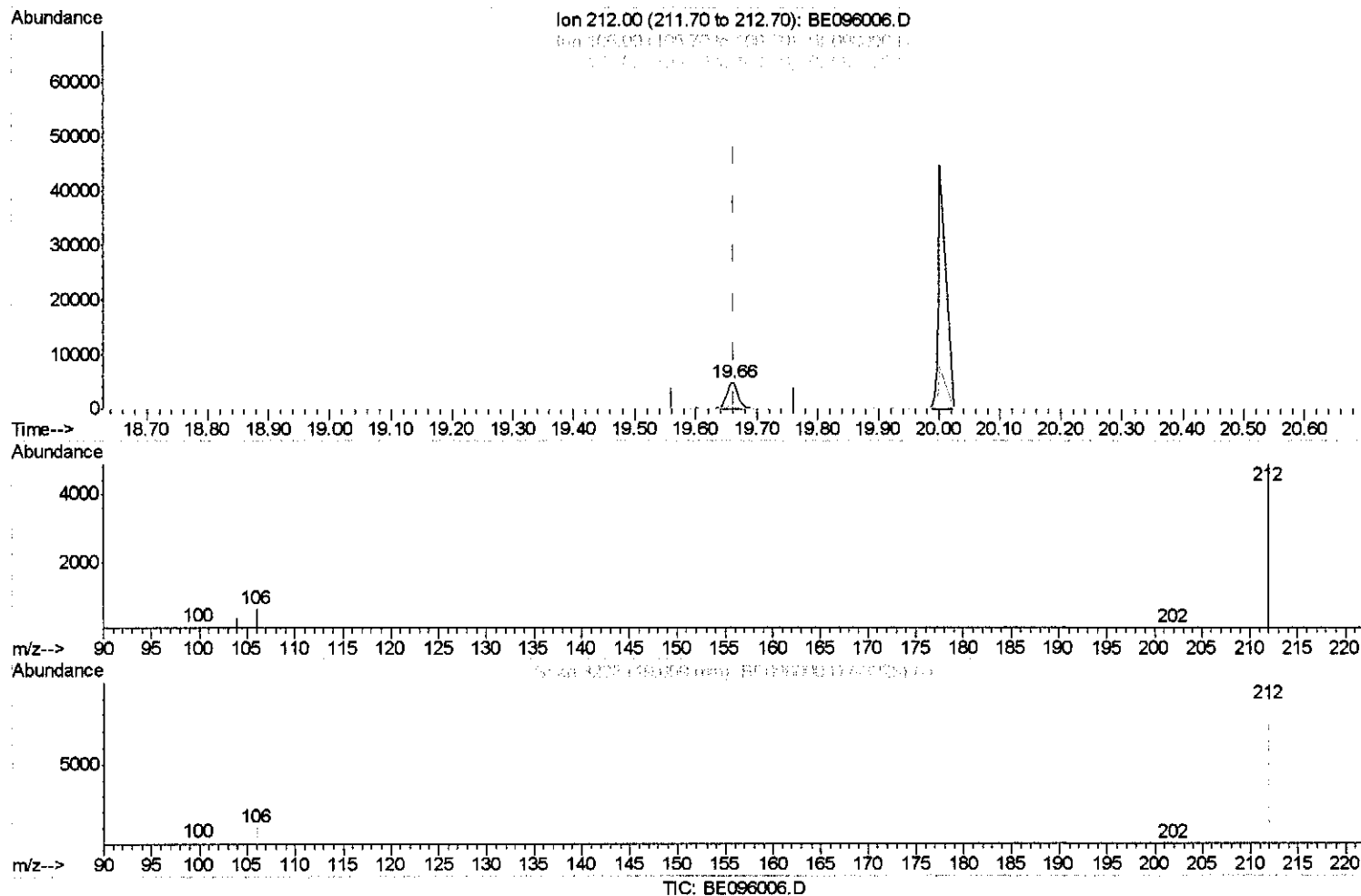
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096006.D
 Acq On : 16 Apr 2018 13:00
 Operator : SJ/JU
 Sample : J2313-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1A31

Manual Integrations
 APPROVED

Sohil
 4/17/2018 4:51:31 PM

Quant Time: Apr 16 14:44:07 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 03:47:21 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.659min (-0.003) 0.22ng/ul m

response 6220

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

52 4/24/18

Quantitation Report (Qedit)

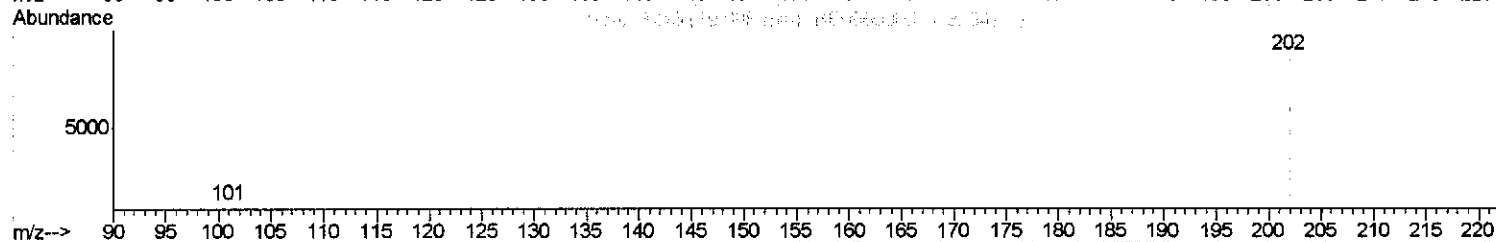
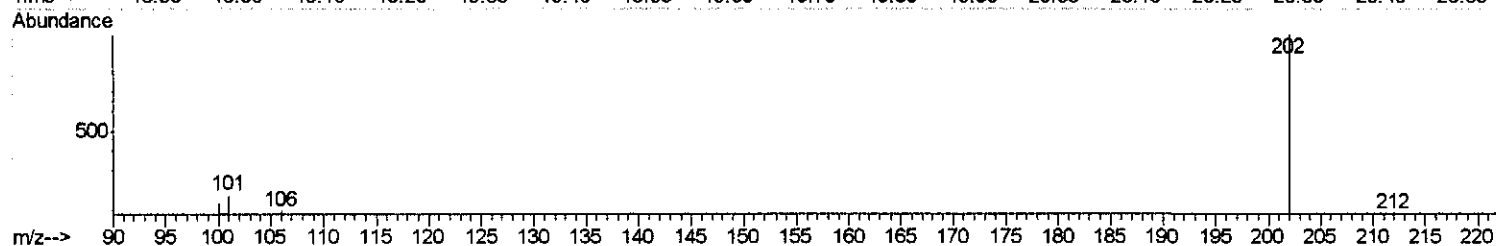
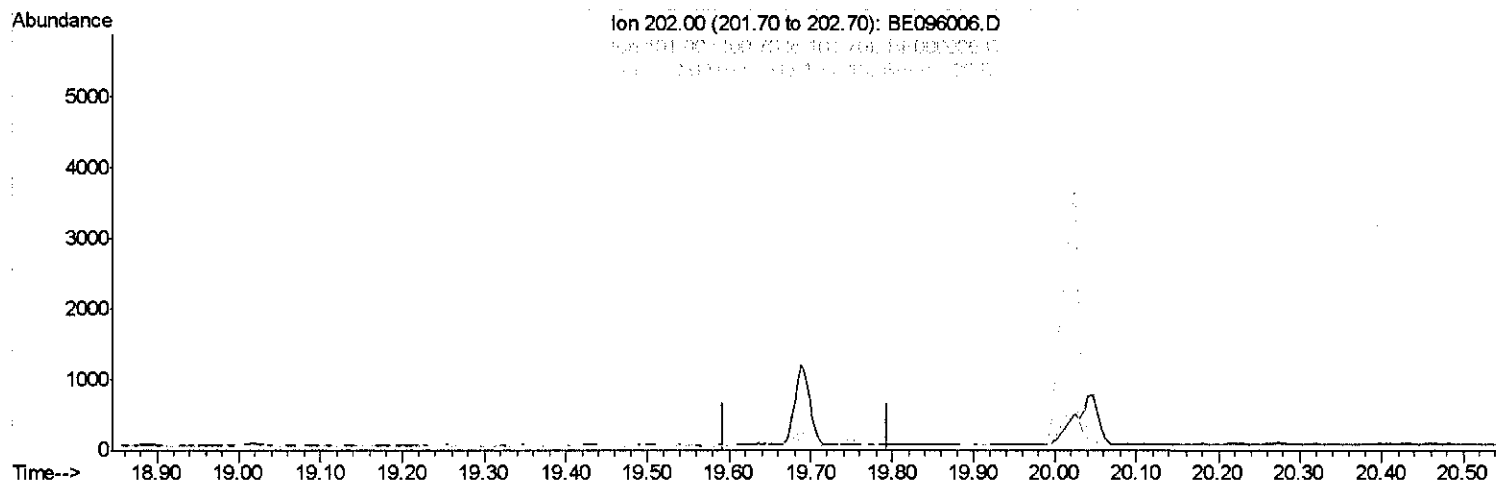
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096006.D
 Acq On : 16 Apr 2018 13:00
 Operator : SJ/JU
 Sample : J2313-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1A31

Manual Integrations
 APPROVED

Sohil
 4/17/2018 4:51:31 PM

Quant Time: Apr 16 14:45:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 03:47:21 2018
 Response via : Initial Calibration



TIC: BE096006.D

(15) Fluoranthene (C)

19.694min (-19.694) 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)

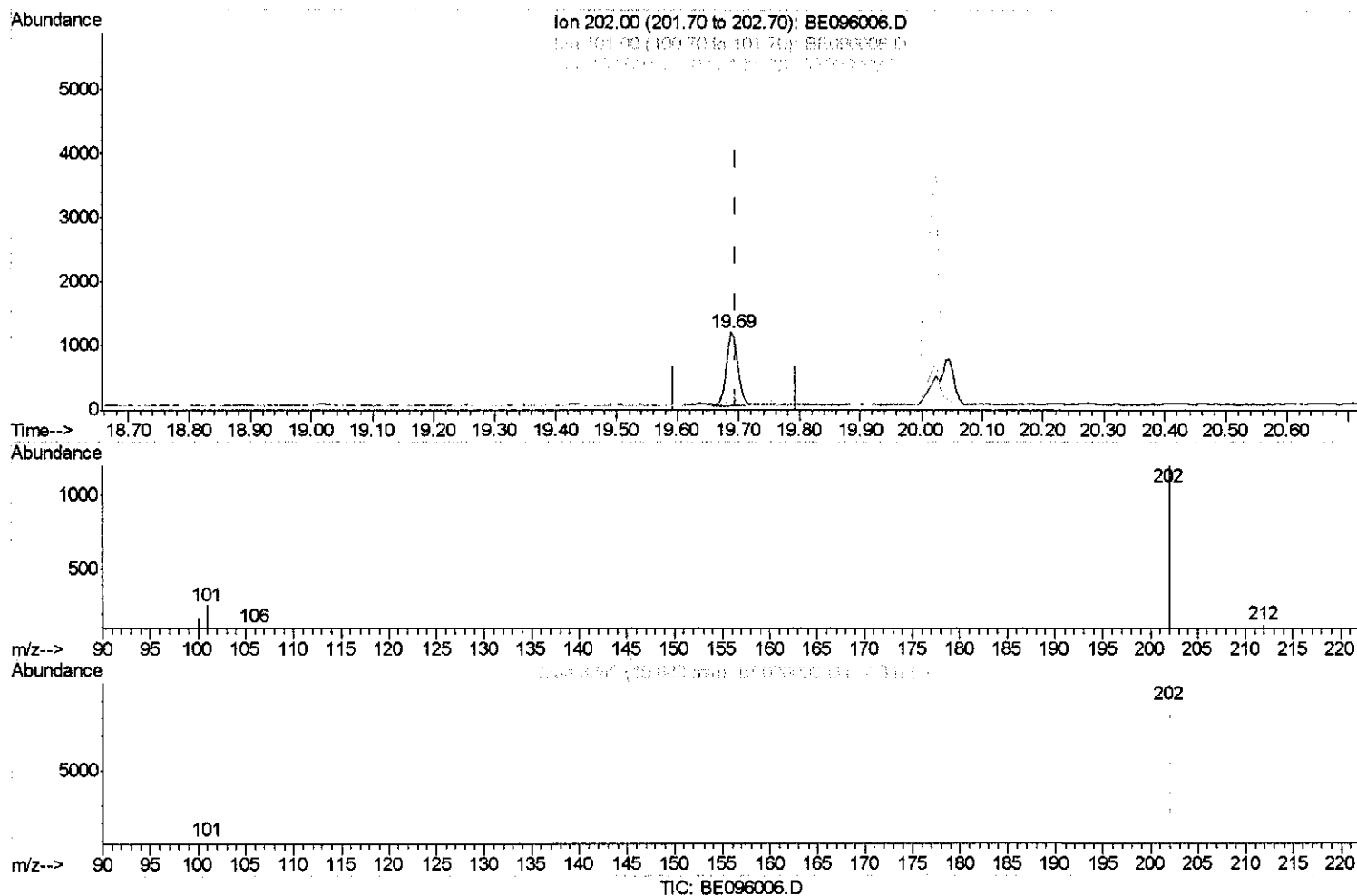
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096006.D
 Acq On : 16 Apr 2018 13:00
 Operator : SJ/JU
 Sample : J2313-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1A31

Manual Integrations
 APPROVED

Sohil
 4/17/2018 4:51:31 PM

Quant Time: Apr 16 14:45:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 03:47:21 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.687min (-0.007) 0.05ng/ul m> SJ 4/14/18

response 1497

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	20.92
100.00	19.50	13.58
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampleId :
F1A31

Manual Integrations
APPROVED

Sohil
4/17/2018 4:51:31 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
Data File : BE096006.D
Acq On : 16 Apr 2018 13:00
Operator : SJ/JU
Sample : J2313-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 16 14:47:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 03:47:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1877	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	5025	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3061	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6841m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7112m	0.40	ng/ul	0.00
20) Perylene-d12	24.39	264	8568	0.40	ng/ul	0.00

SJ 4/24/18

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2276	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	6220m	0.22	ng/ul	0.00

SJ 4/24/18

Target Compounds					Ovalue	
3) Naphthalene	11.26	128	1300	0.093	ng/ul#	86
8) Acenaphthene	15.03	153	319	0.028	ng/ul#	84
9) Fluorene	16.00	166	278	0.022	ng/ul#	90
12) Phenanthrene	17.72	178	488m	0.024	ng/ul	
15) Fluoranthene	19.69	202	1497m	0.055	ng/ul	
17) Pyrene	20.05	202	1307	0.054	ng/ul	96

SJ 4/24/18

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