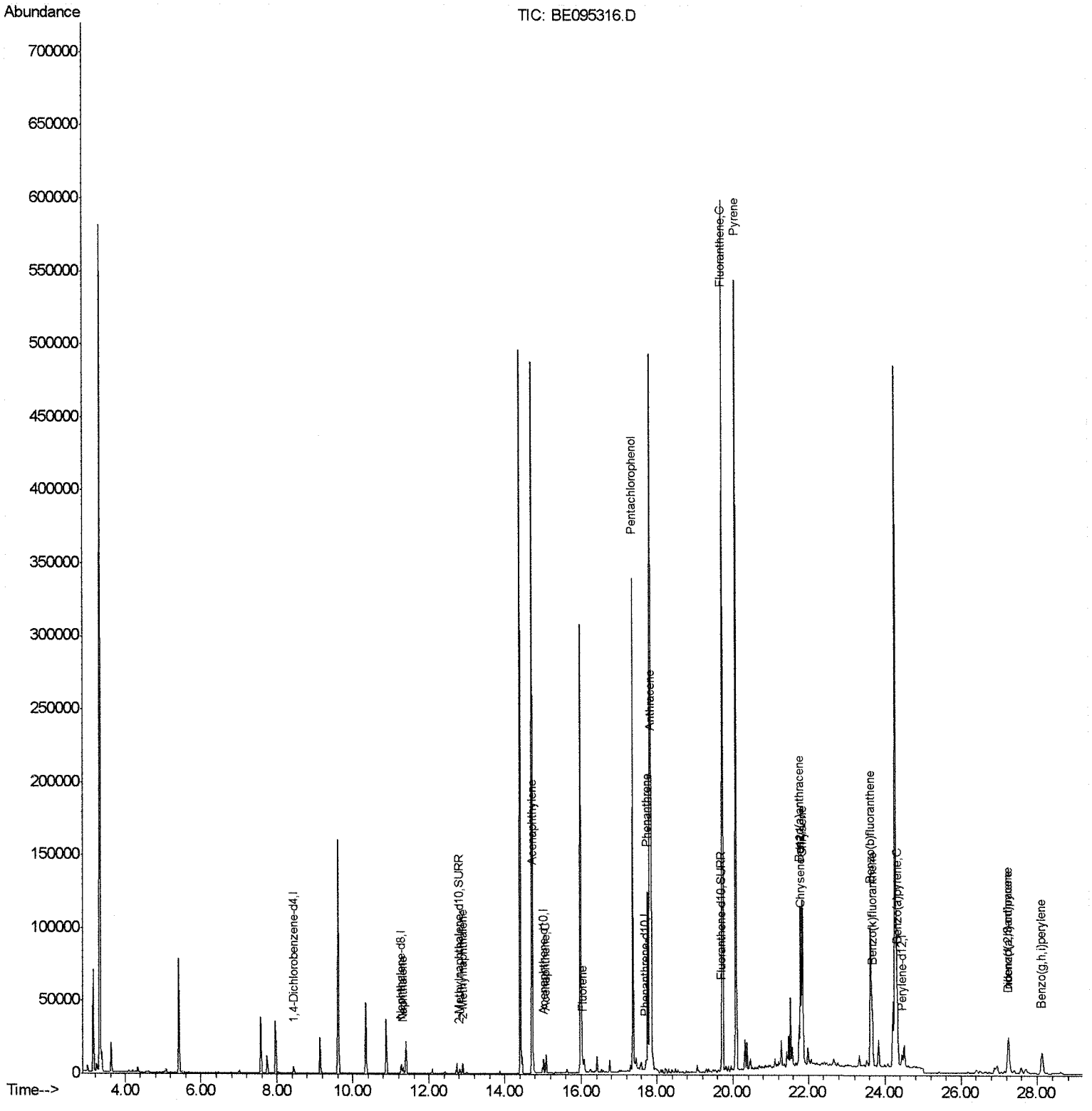
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

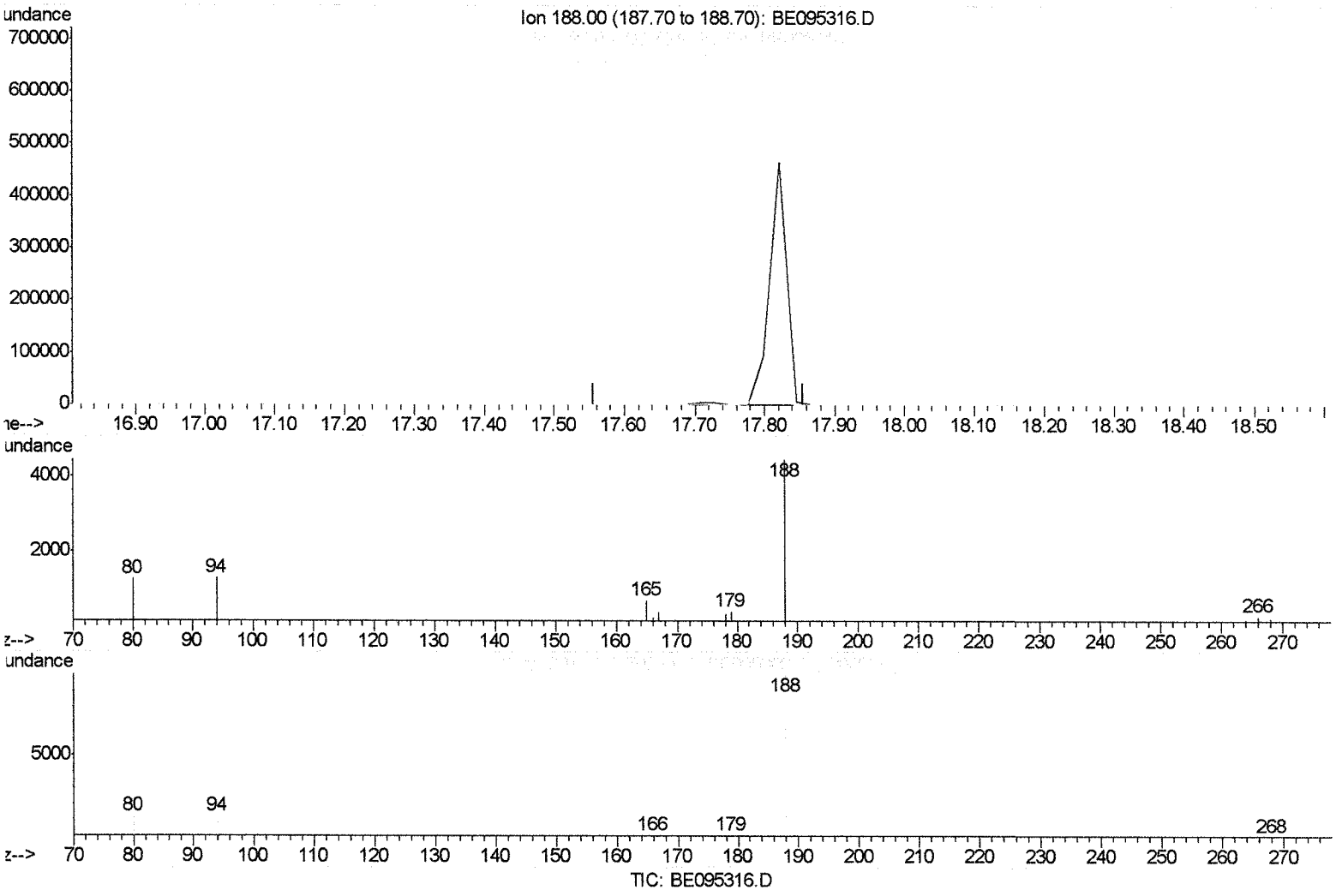
Quant Time: Jan 31 15:51:07 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:36:43 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.706min (-17.706) 0.00ng/ul

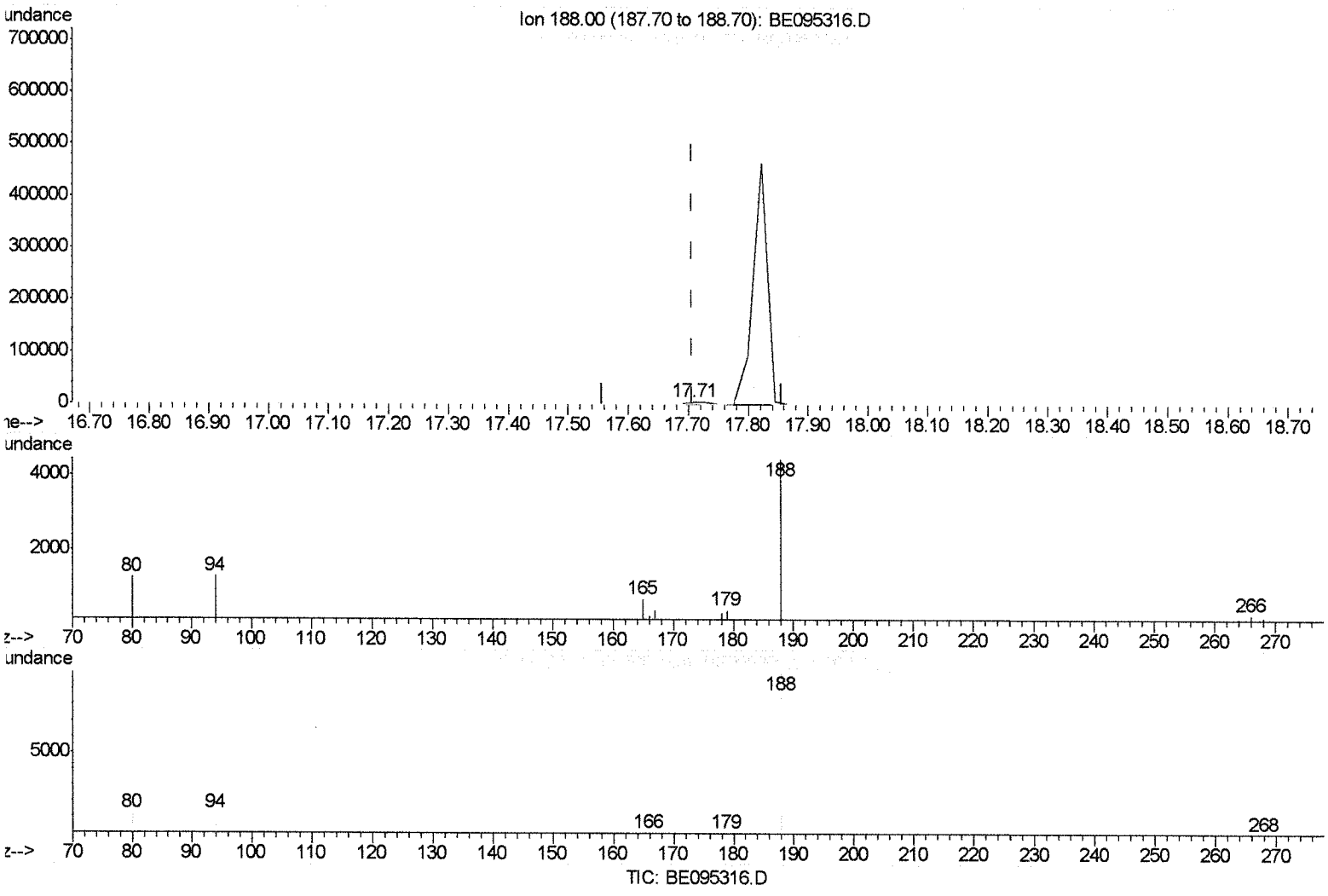
response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.00	0.00#
80.00	11.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:36:43 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.707min (+0.001) 0.40ng/ul m SJ 2/1/18

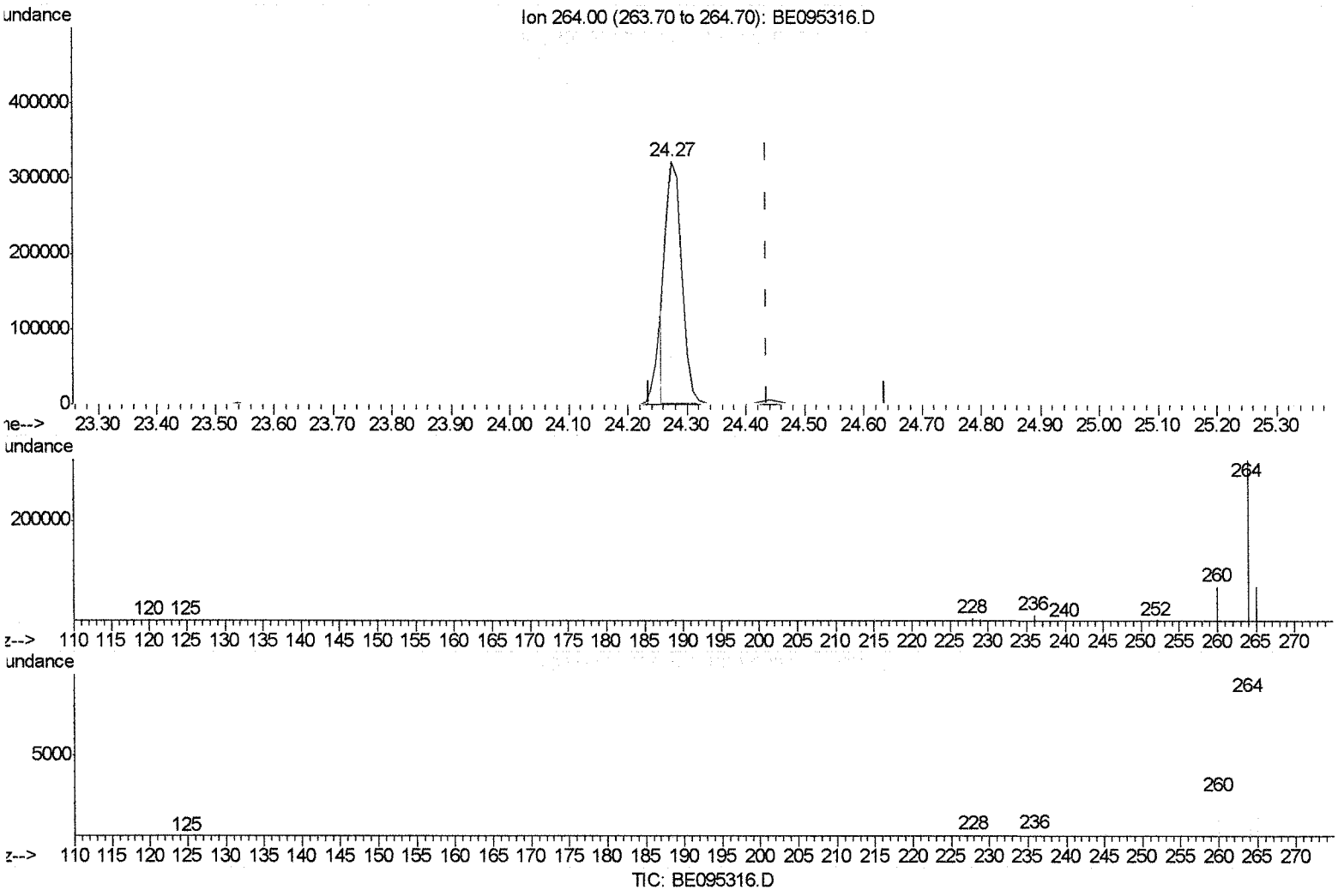
response 11708

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	29.57#
80.00	11.80	28.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:45:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

24.274min (-0.162) 0.40ng/ul

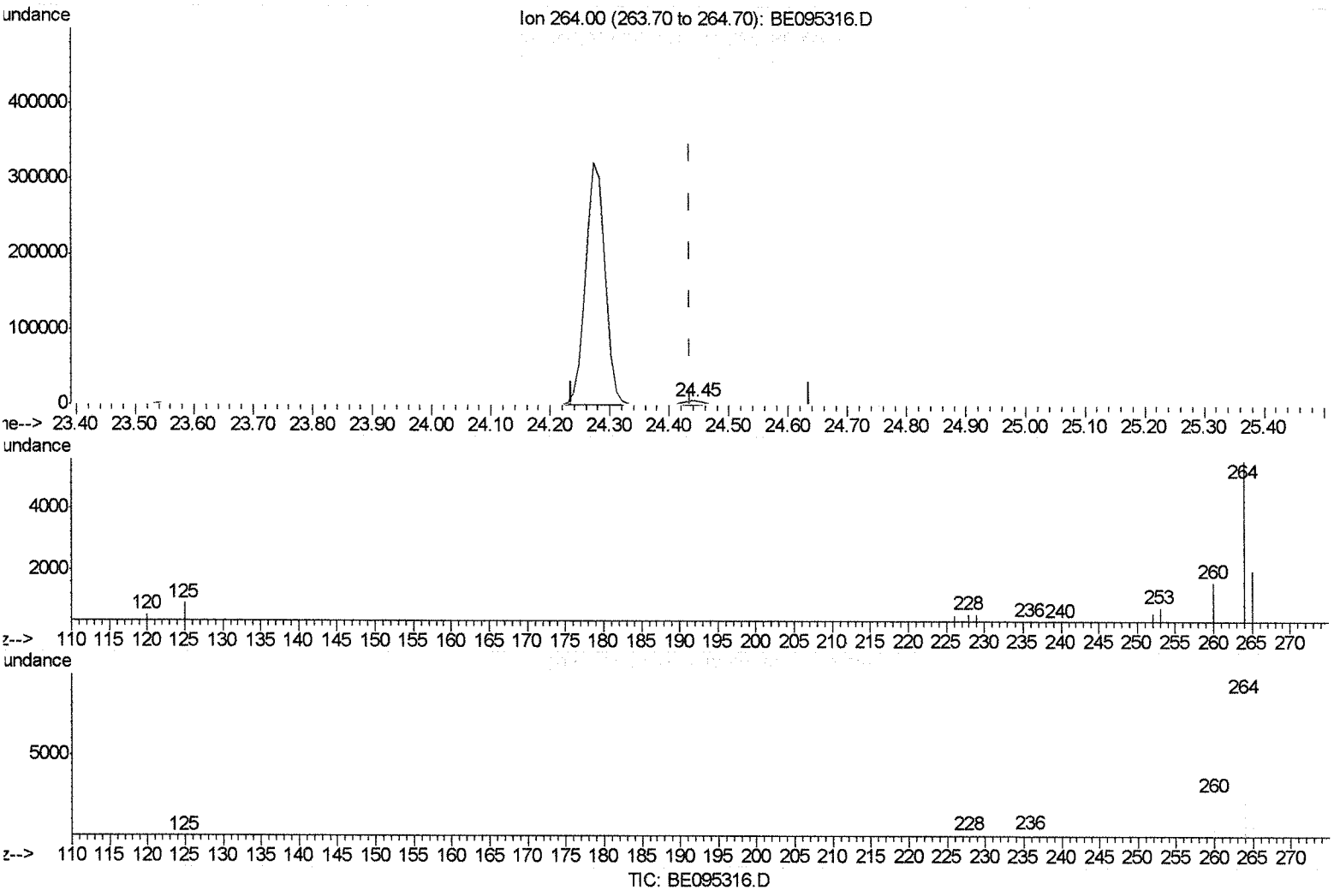
response 606778

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.66#
265.00	103.50	21.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:45:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

24.445min (+0.009) 0.40ng/ul m> SJ 2/1/18

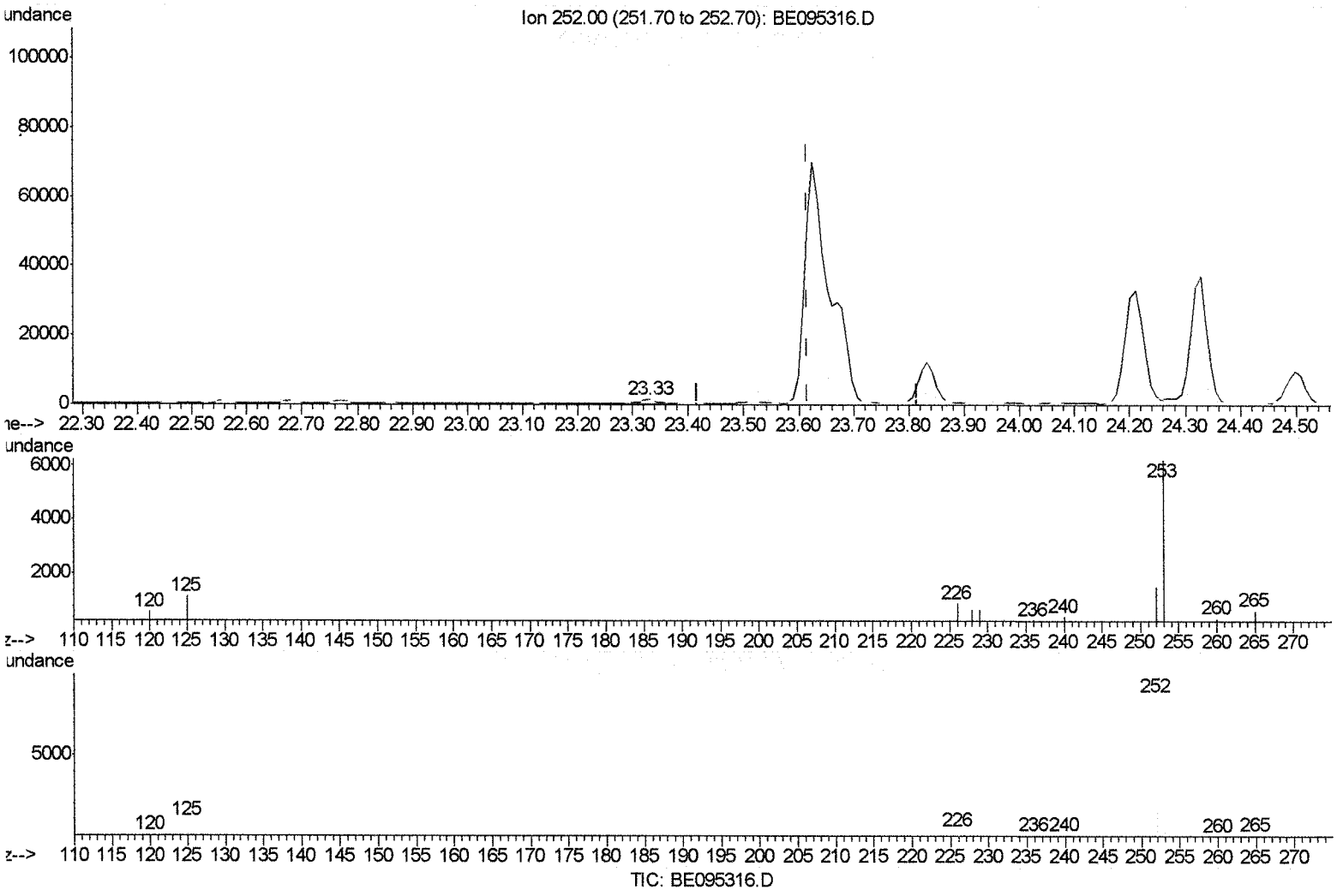
response 12281

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.53
265.00	103.50	35.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:45:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.328min (-0.288) 0.05ng/ul

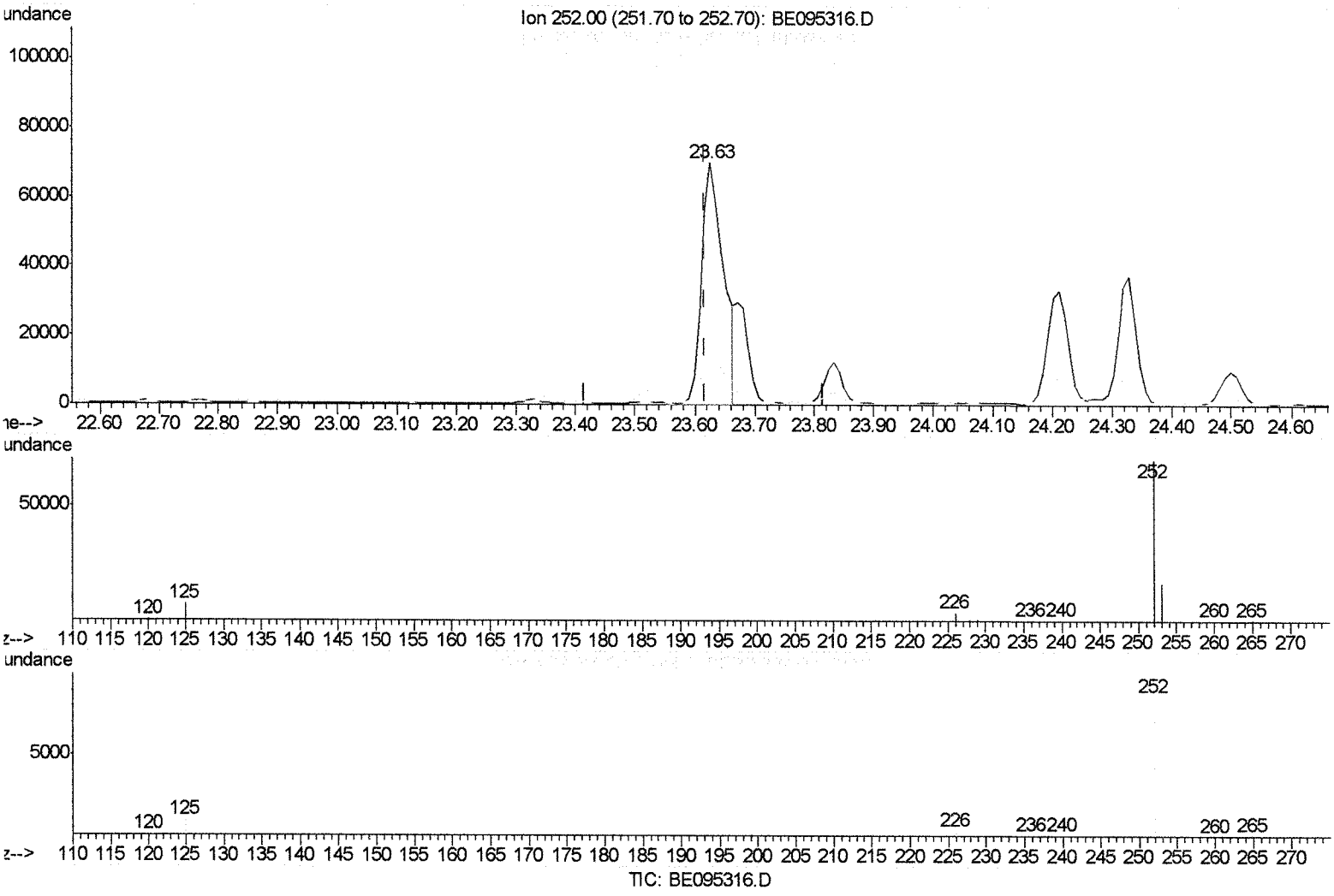
response 2055

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	405.70#
125.00	17.50	75.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:45:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.625min (+0.009) 4.12ng/ul m SJ 2/1/18

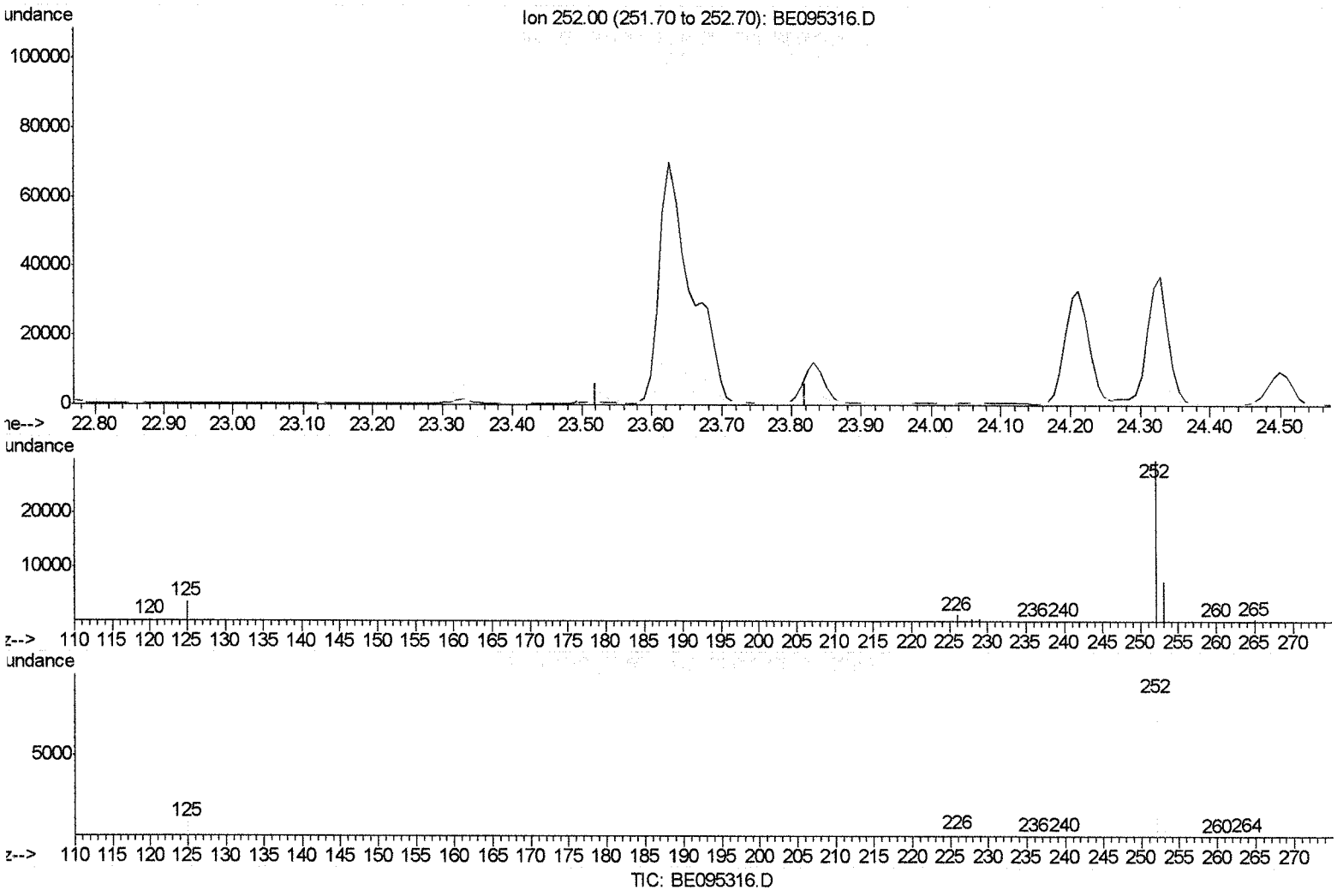
response 178378

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.39
125.00	17.50	10.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:45:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.670min (-23.670) 0.00ng/ul

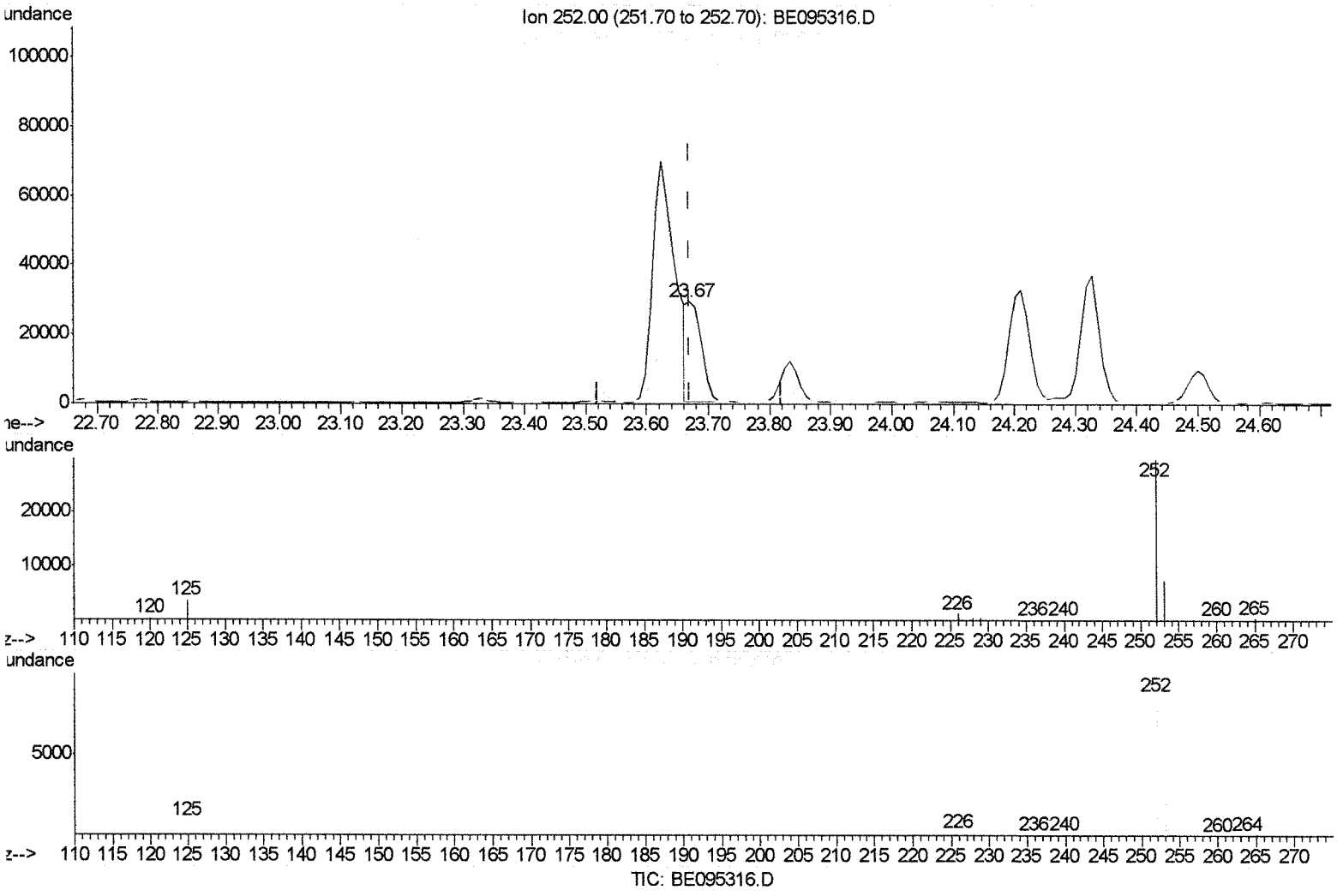
response 0

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

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:45:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.670min (+0.000) 1.11ng/ul m SJ 2/1/18

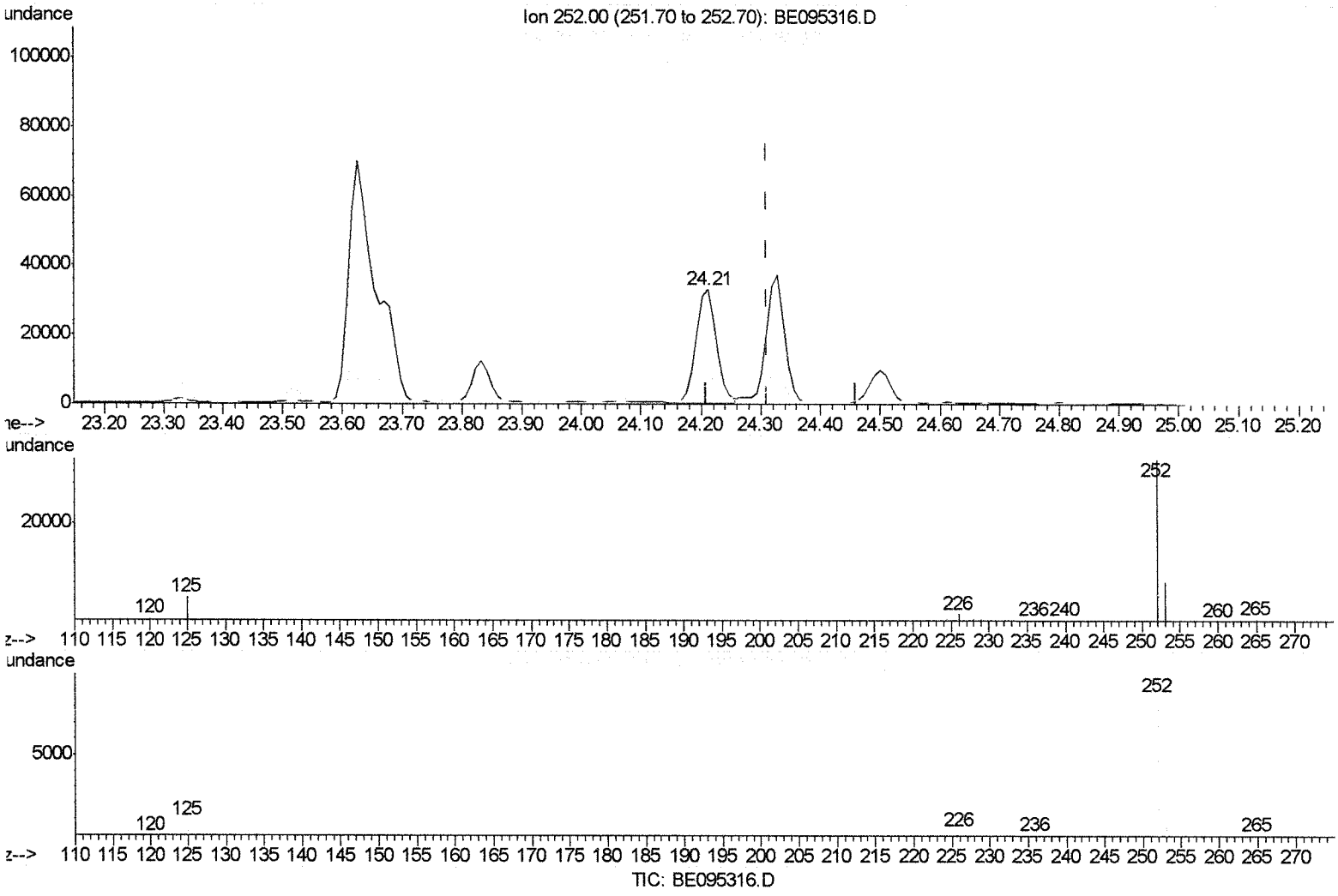
response 43824

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.15
125.00	17.10	12.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:45:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

24.211min (-0.099) 2.01ng/ul

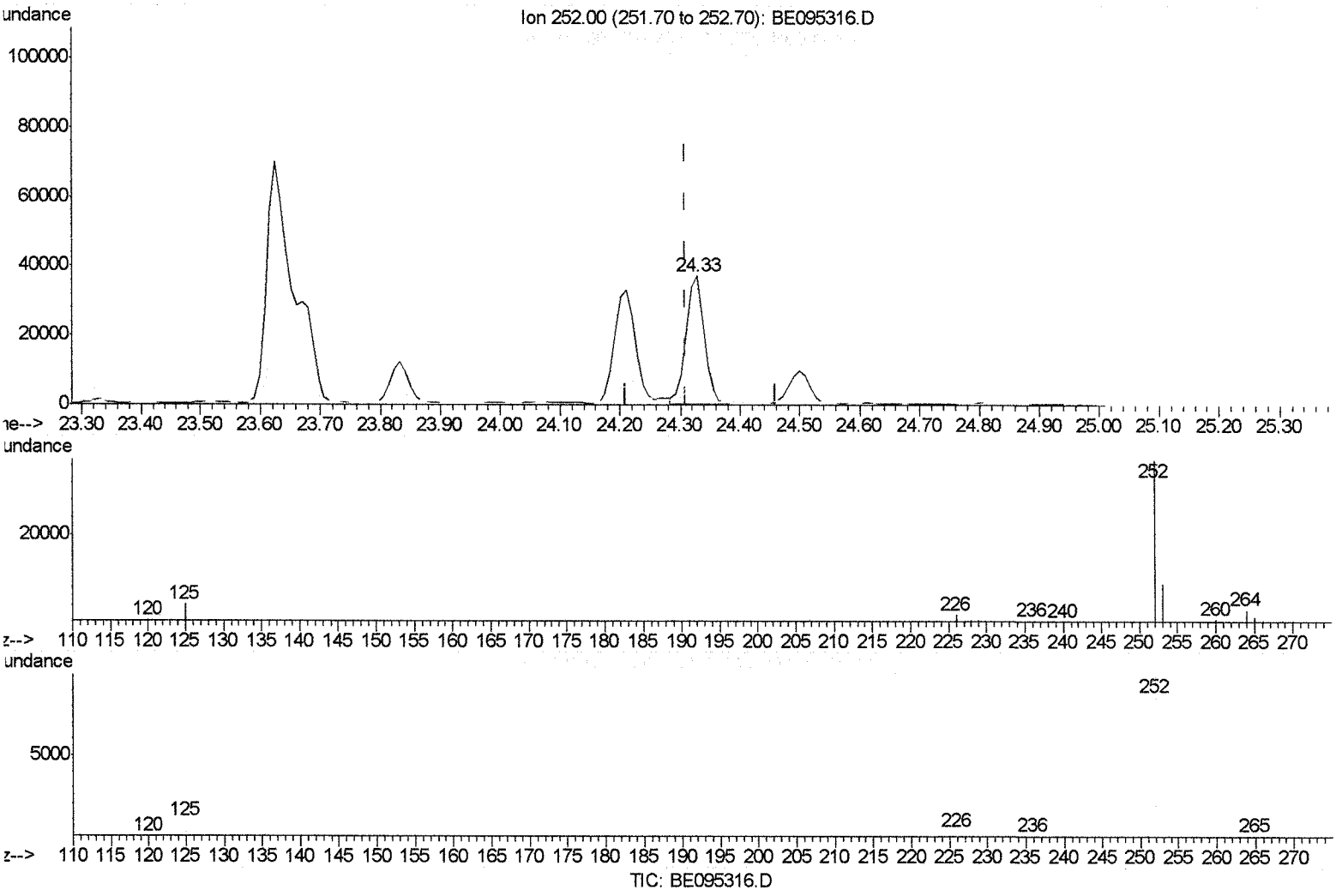
response 77625

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.62#
125.00	22.60	15.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:45:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

24.328min (+0.018) 2.01ng/ul m SJ 2/1/18

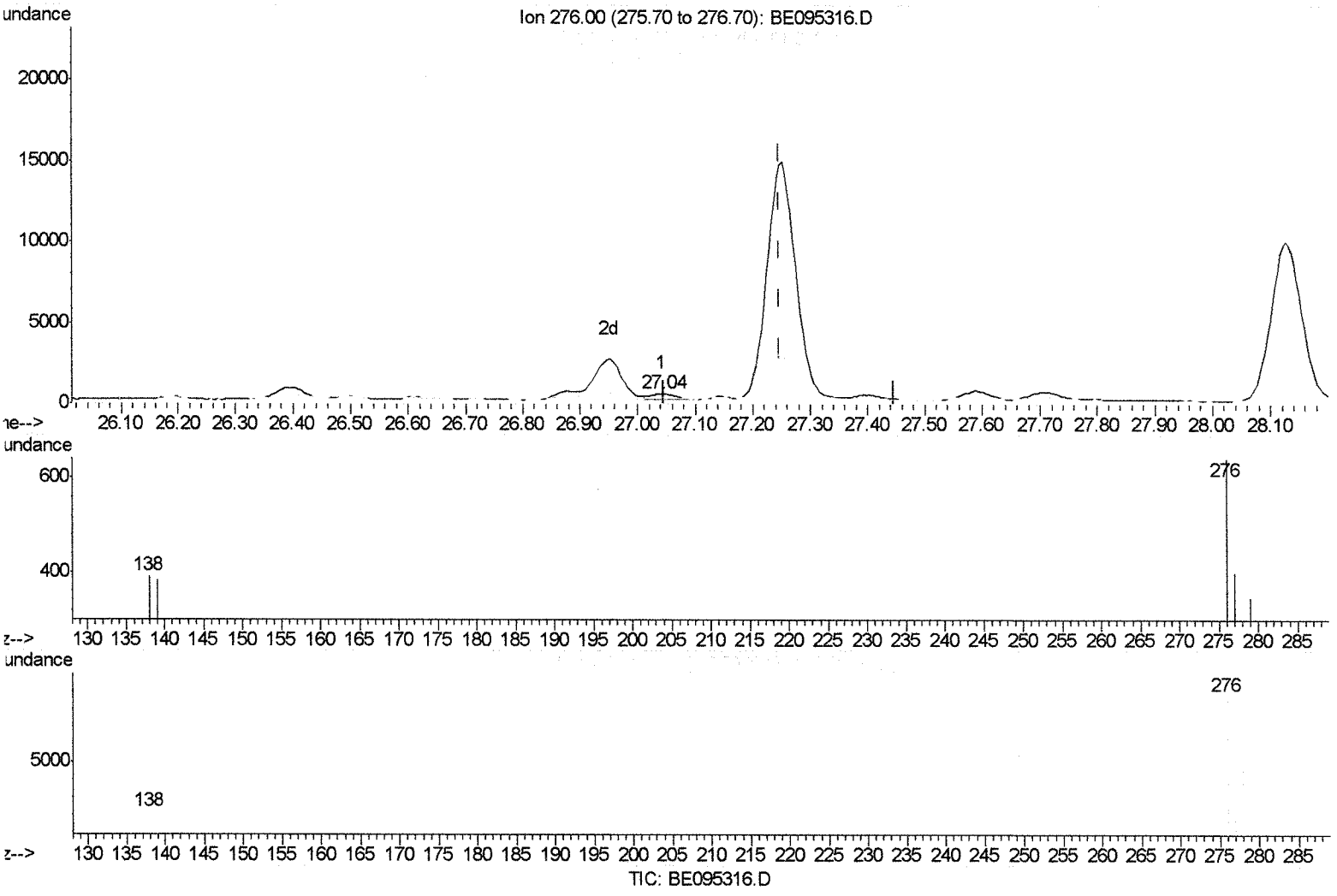
response 77945

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.27#
125.00	22.60	10.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:45:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene

27.042min (-0.205) 0.02ng/ul

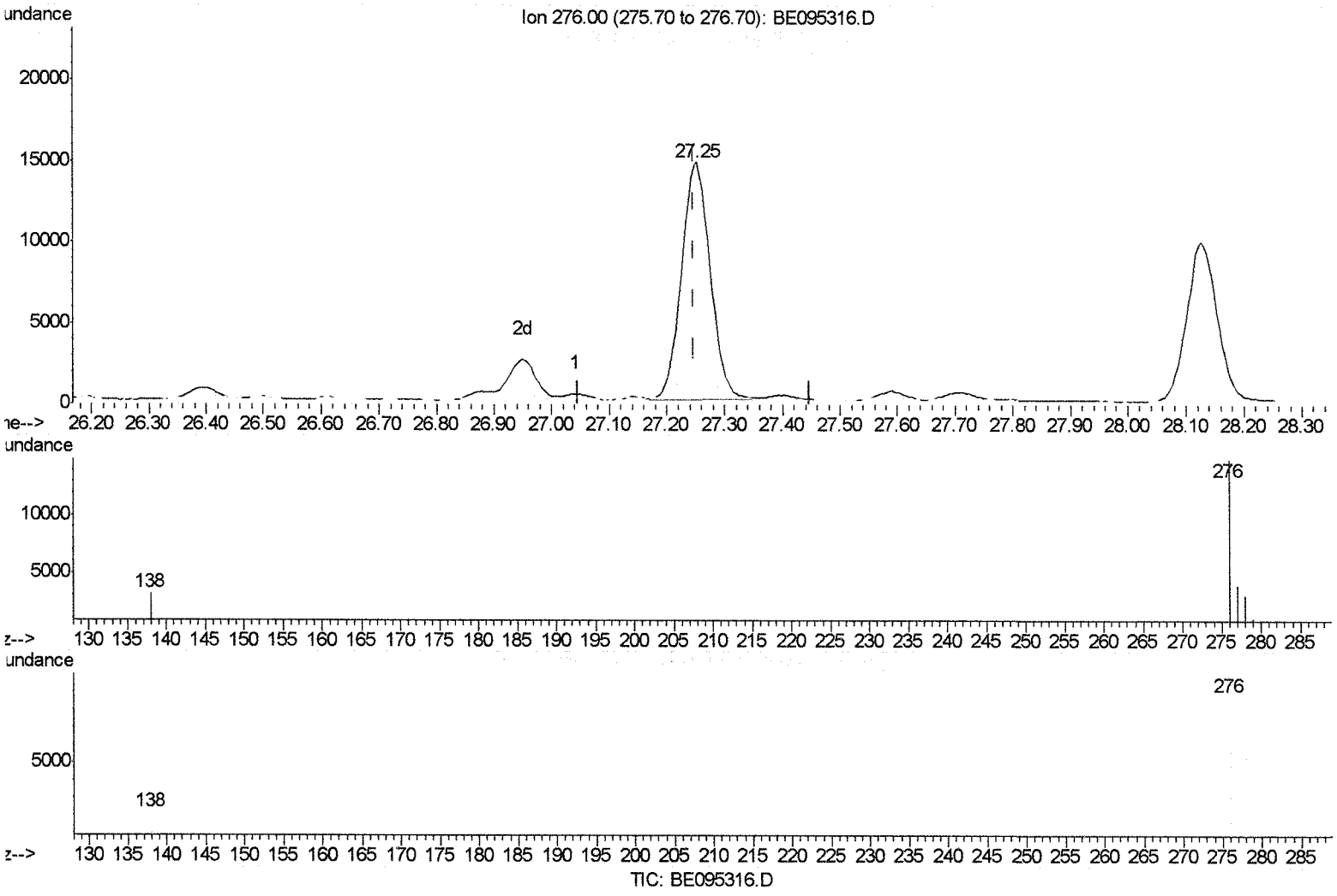
response 995

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	28.54
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:45:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene

27.252min (+0.004) 1.19ng/ul m > SJ 2/1/18

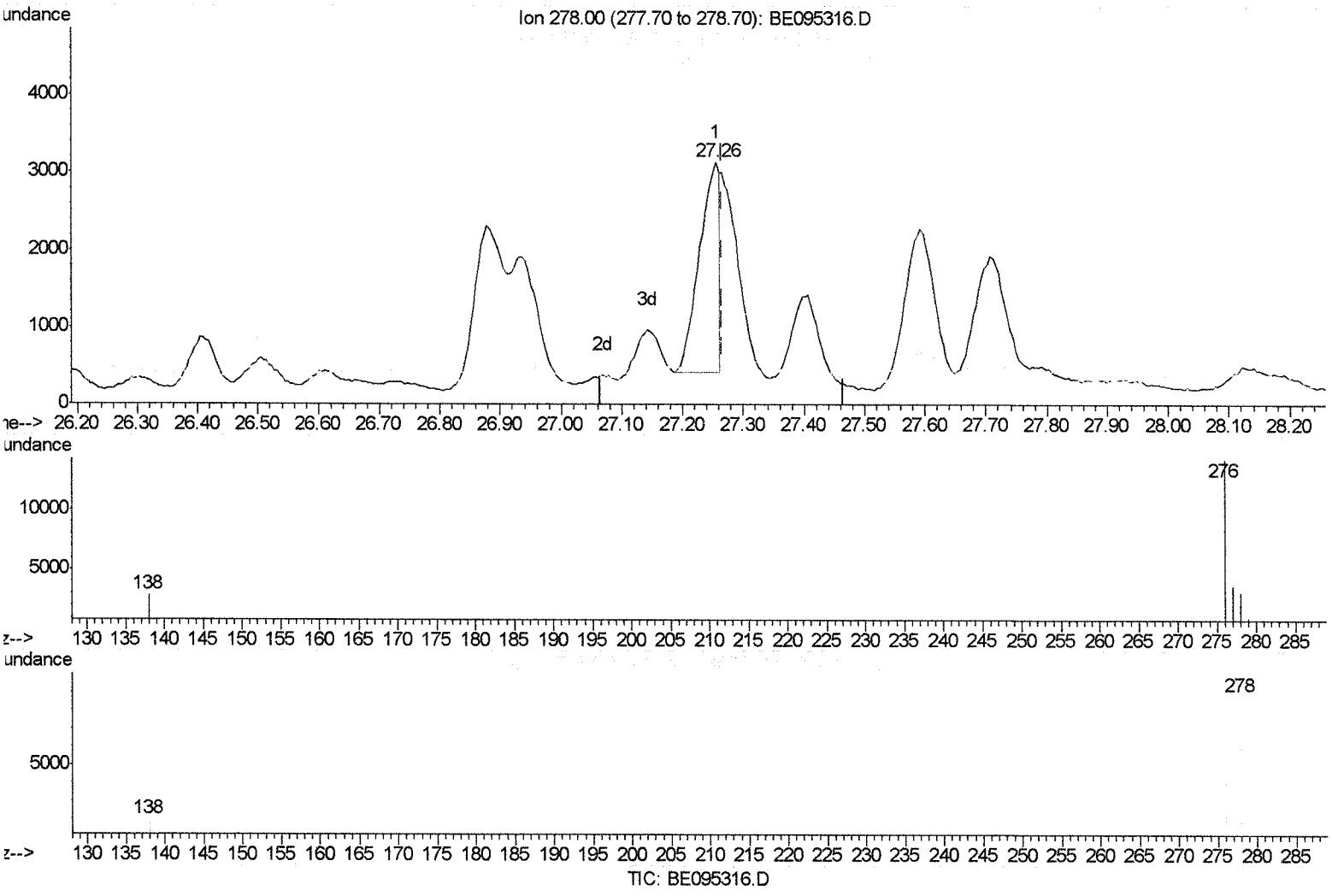
response 50353

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.56#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:45:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.256min (-0.009) 0.18ng/ul

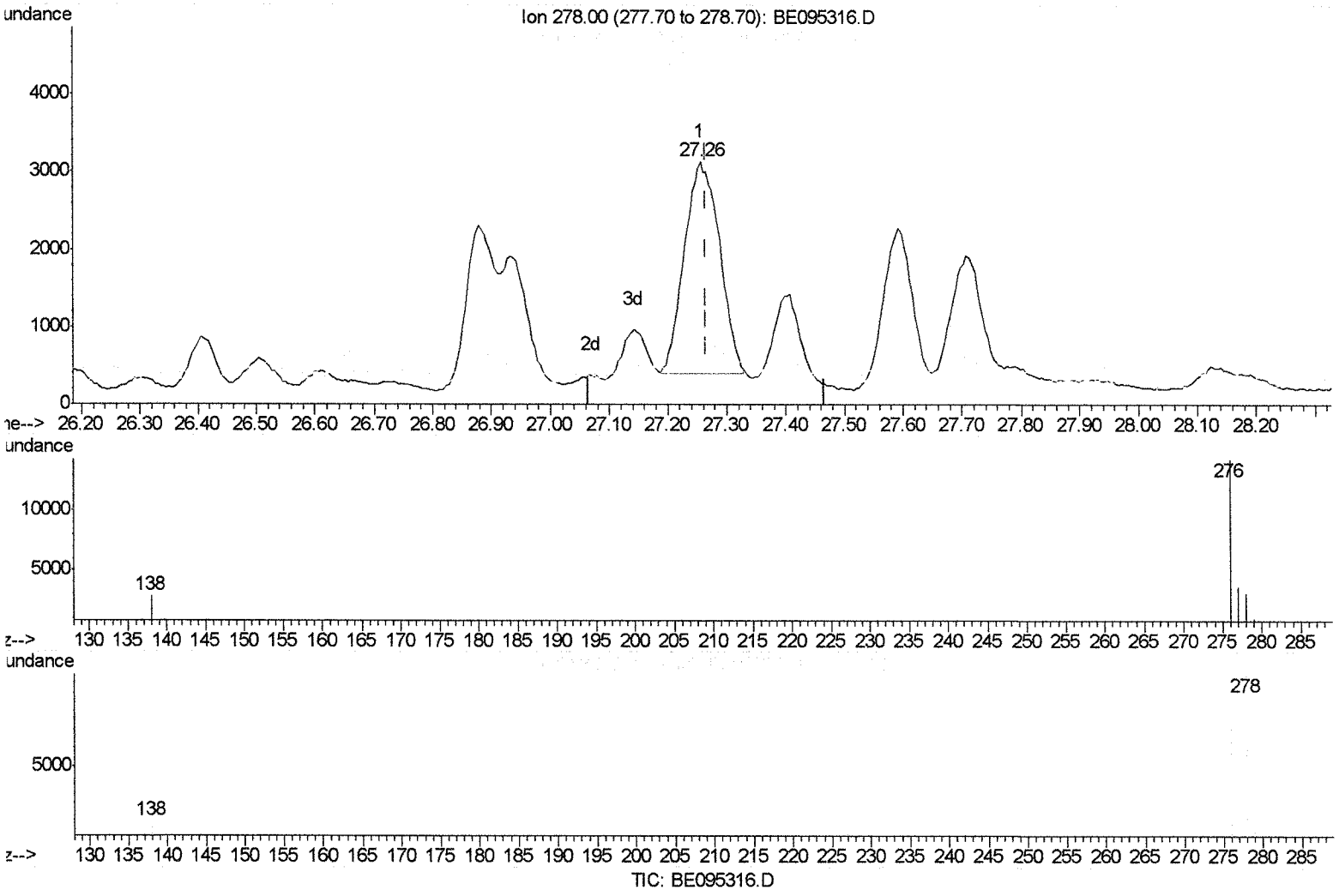
response 6242

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	25.26
279.00	32.40	31.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:45:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.256min (-0.009) 0.33ng/ul m SJ 2/1/18

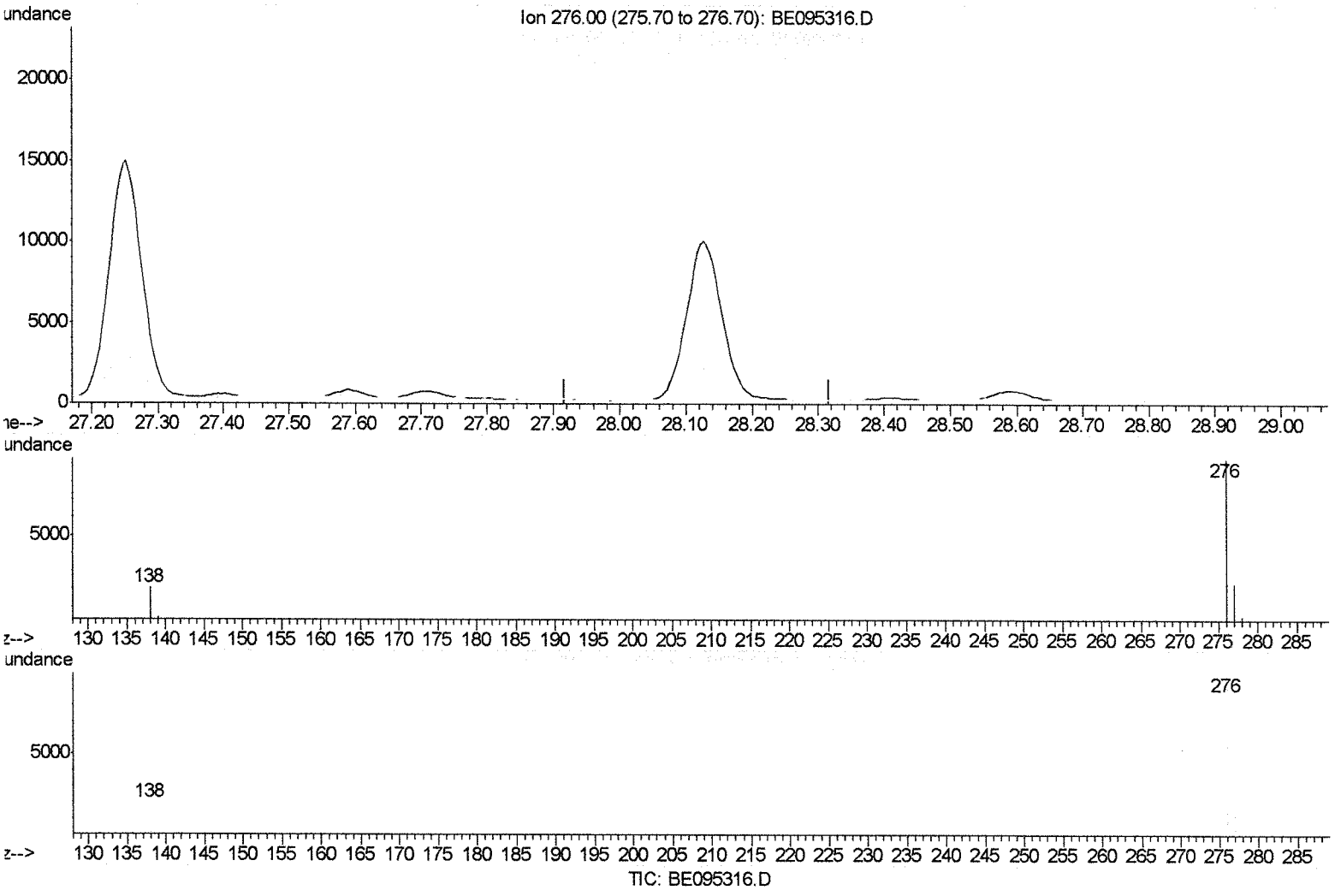
response 11361

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	25.26
279.00	32.40	31.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:45:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(26) Benzo(g,h,i)perylene

28.117min (-28.117) 0.00ng/ul

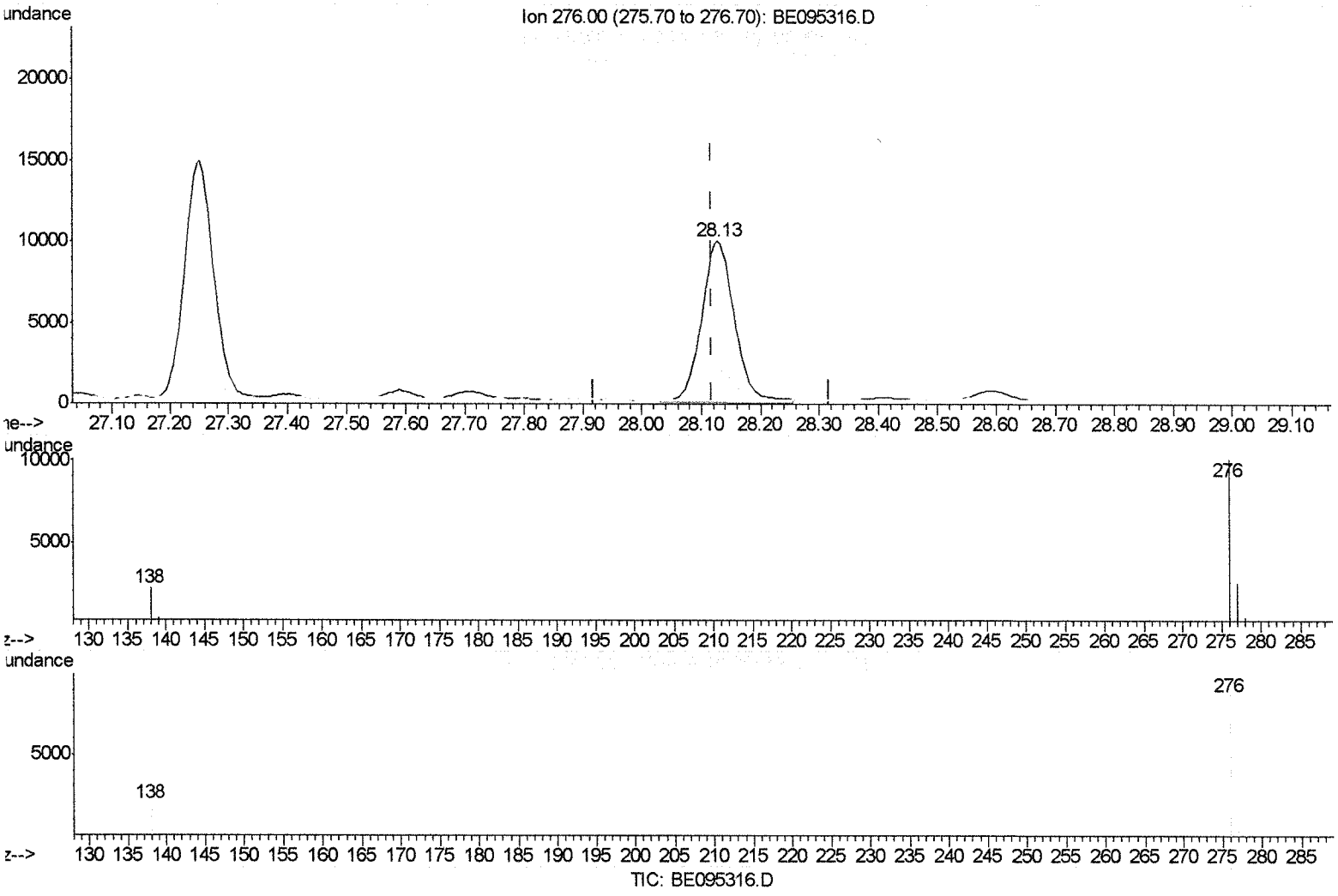
response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	27.30	0.00#
277.00	25.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:45:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



(26) Benzo(g,h,i)perylene

28.126min (+0.009) 1.06ng/ul m > SJ 2/1/18

response 38223

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	22.07
277.00	25.60	25.69
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095316.D
Acq On : 31 Jan 2018 14:23
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 31 15:51:07 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2776	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8663	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5782	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	11708m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11794	0.40	ng/ul	0.00
20) Perylene-d12	24.45	264	12281m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	4168	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11026	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.31	128	6382	0.263	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	5397	0.333	ng/ul	100
7) Acenaphthylene	14.74	152	19168	0.689	ng/ul	97
8) Acenaphthene	15.08	153	7713	0.357	ng/ul	93
9) Fluorene	16.02	166	10489	0.471	ng/ul#	71
11) Pentachlorophenol	17.36	266	195037	86.007	ng/ul	96
12) Phenanthrene	17.75	178	143922	3.655	ng/ul#	86
13) Anthracene	17.85	178	224428	6.227	ng/ul#	90
15) Fluoranthene	19.73	202	658285	12.911	ng/ul	82
17) Pyrene	20.08	202	592164	14.963	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	144579	3.921	ng/ul#	86
19) Chrysene	21.84	228	130137	3.399	ng/ul	94
21) Benzo(b)fluoranthene	23.63	252	178378m	4.117	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	43824m	1.106	ng/ul	
23) Benzo(a)pyrene	24.33	252	77945m	2.015	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.25	276	50353m	1.187	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	11361m	0.327	ng/ul	
26) Benzo(g,h,i)perylene	28.13	276	38223m	1.064	ng/ul	

SJ 2/1/18

SJ 2/1/18

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