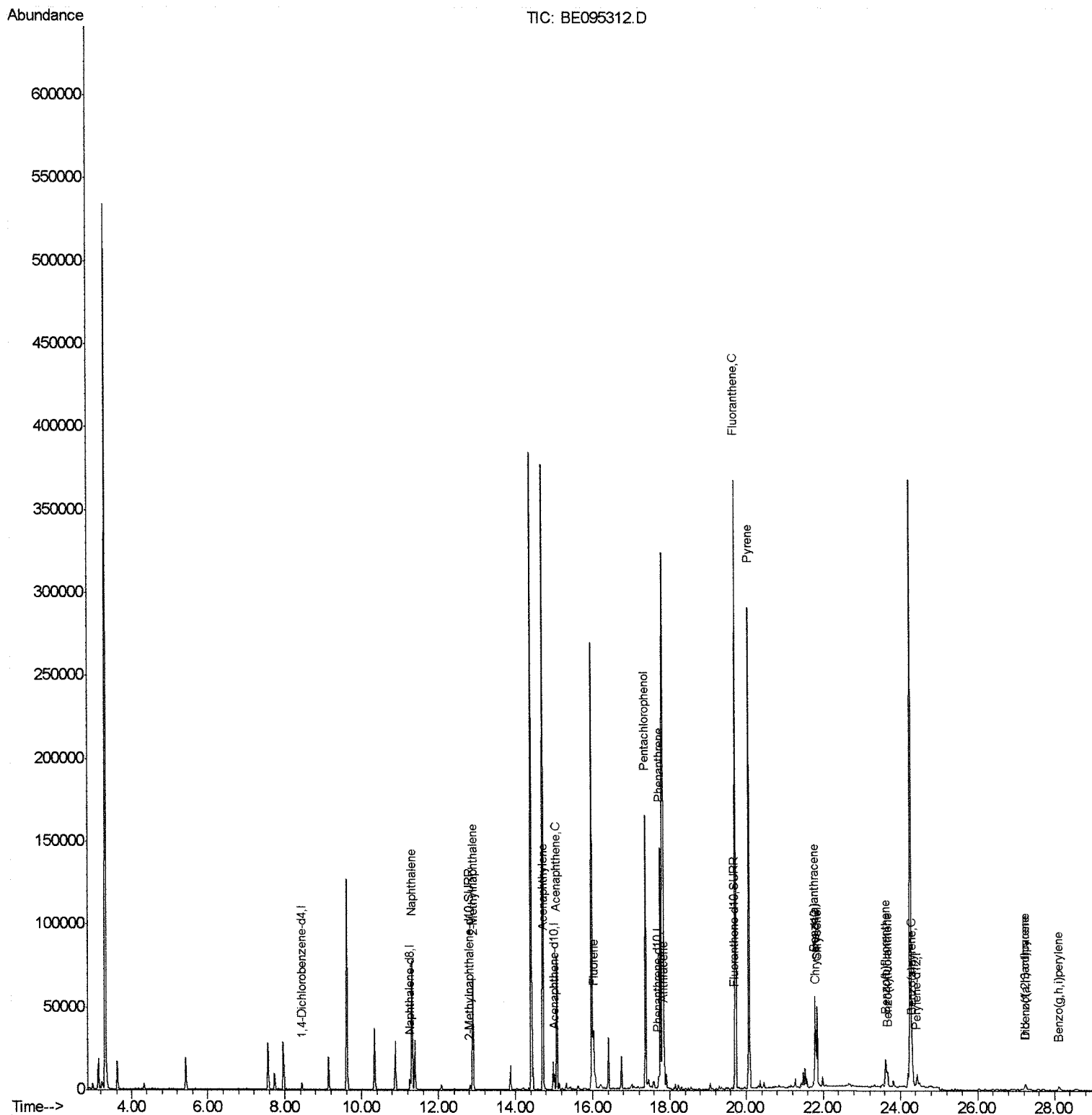


Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095312.D
Acq On : 31 Jan 2018 11:59
Operator : SJ/JU
Sample : J1244-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

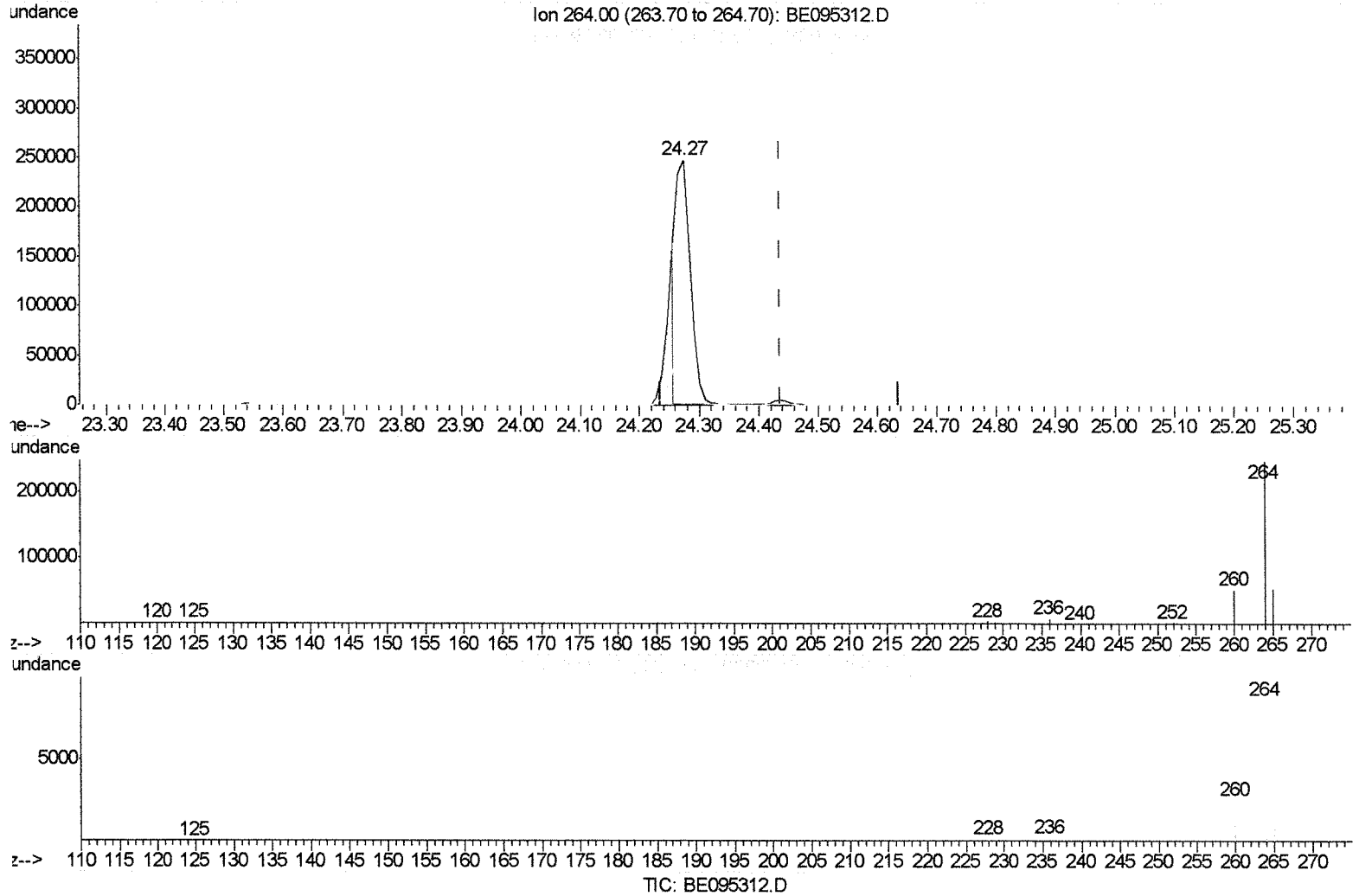
Quant Time: Jan 31 14:33:38 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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

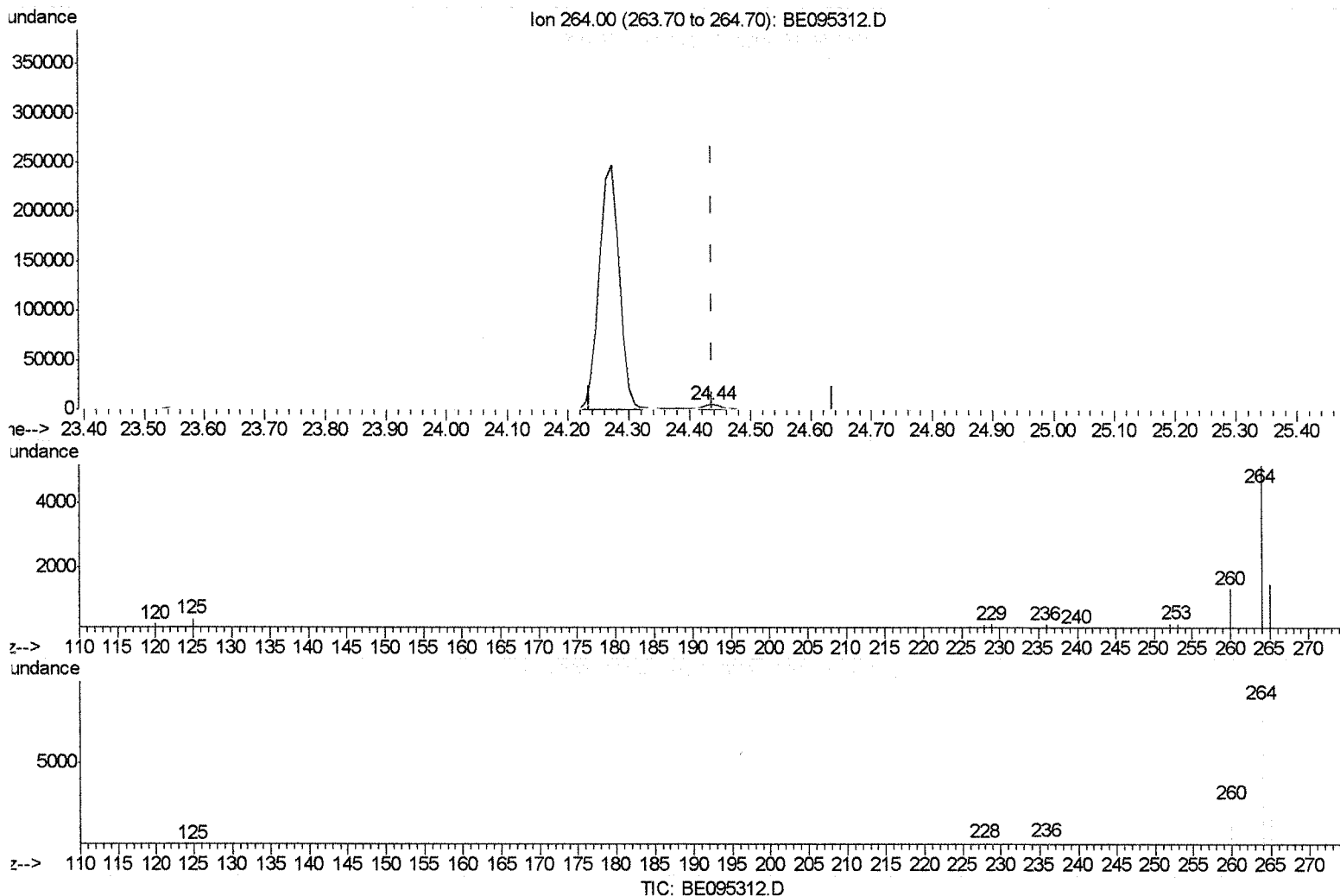
response 410503

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.93#
265.00	103.50	21.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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)

24.436min (-0.000) 0.40ng/ul m> SJ 2/1/18

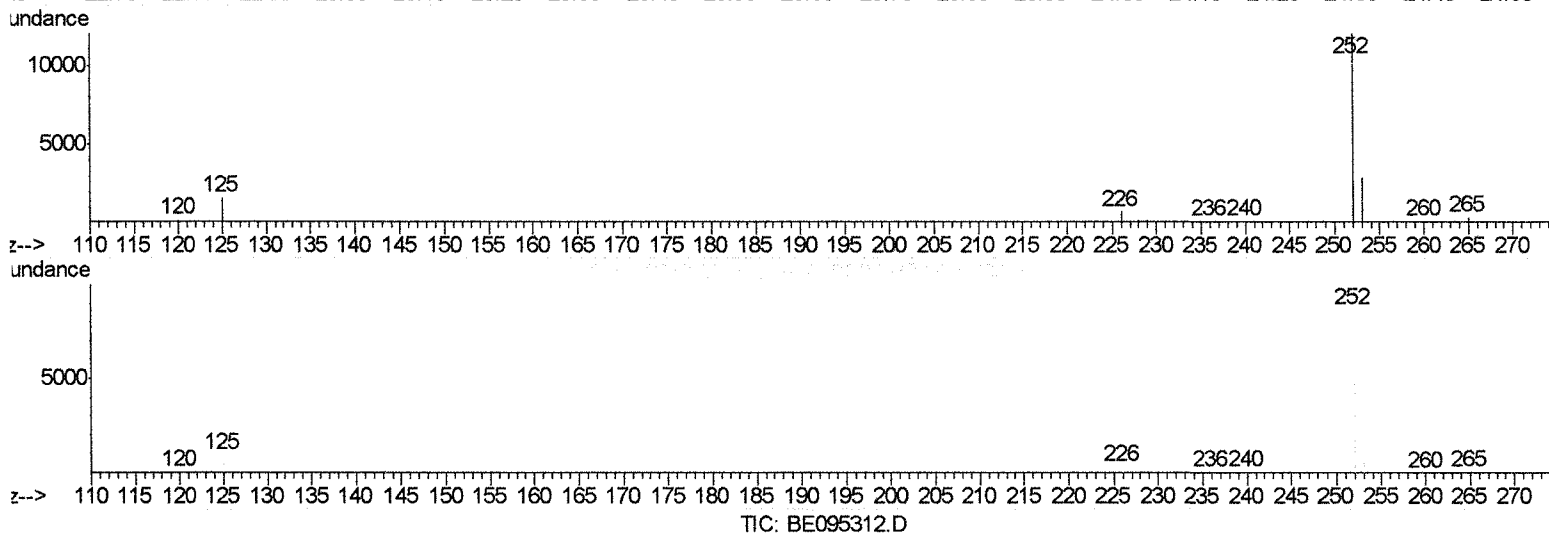
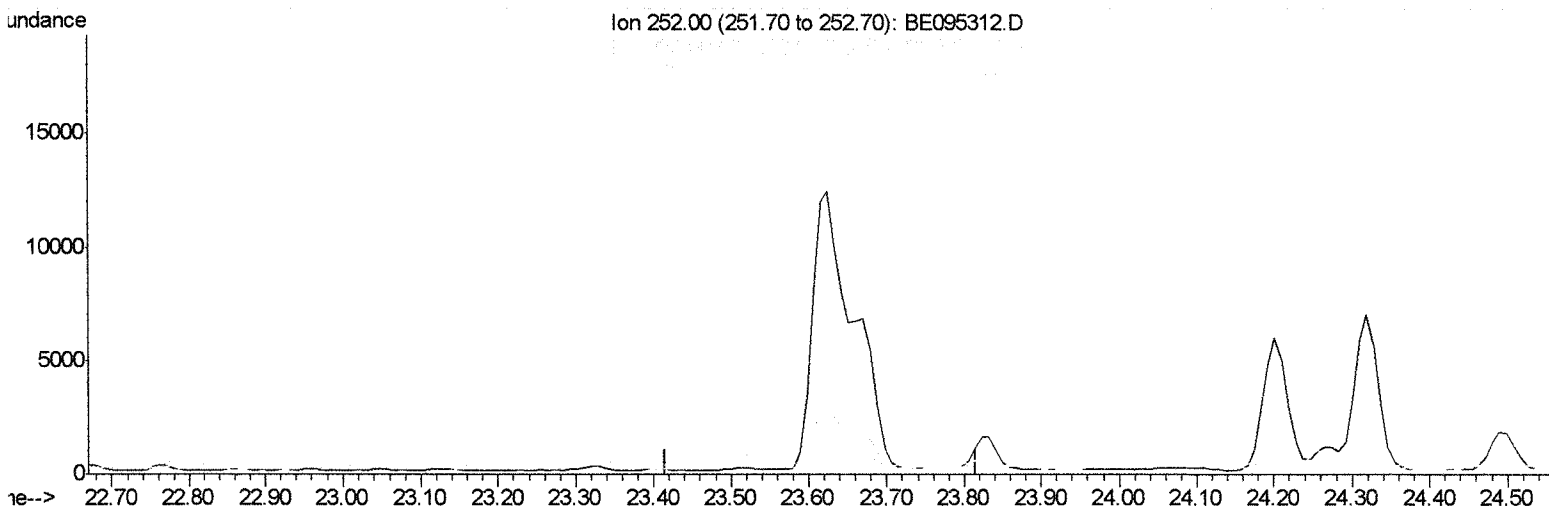
response 10310

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.76
265.00	103.50	28.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095312.D
Acq On : 31 Jan 2018 11:59
Operator : SJ/JU
Sample : J1244-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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

23.616min (-23.616) 0.00ng/ul

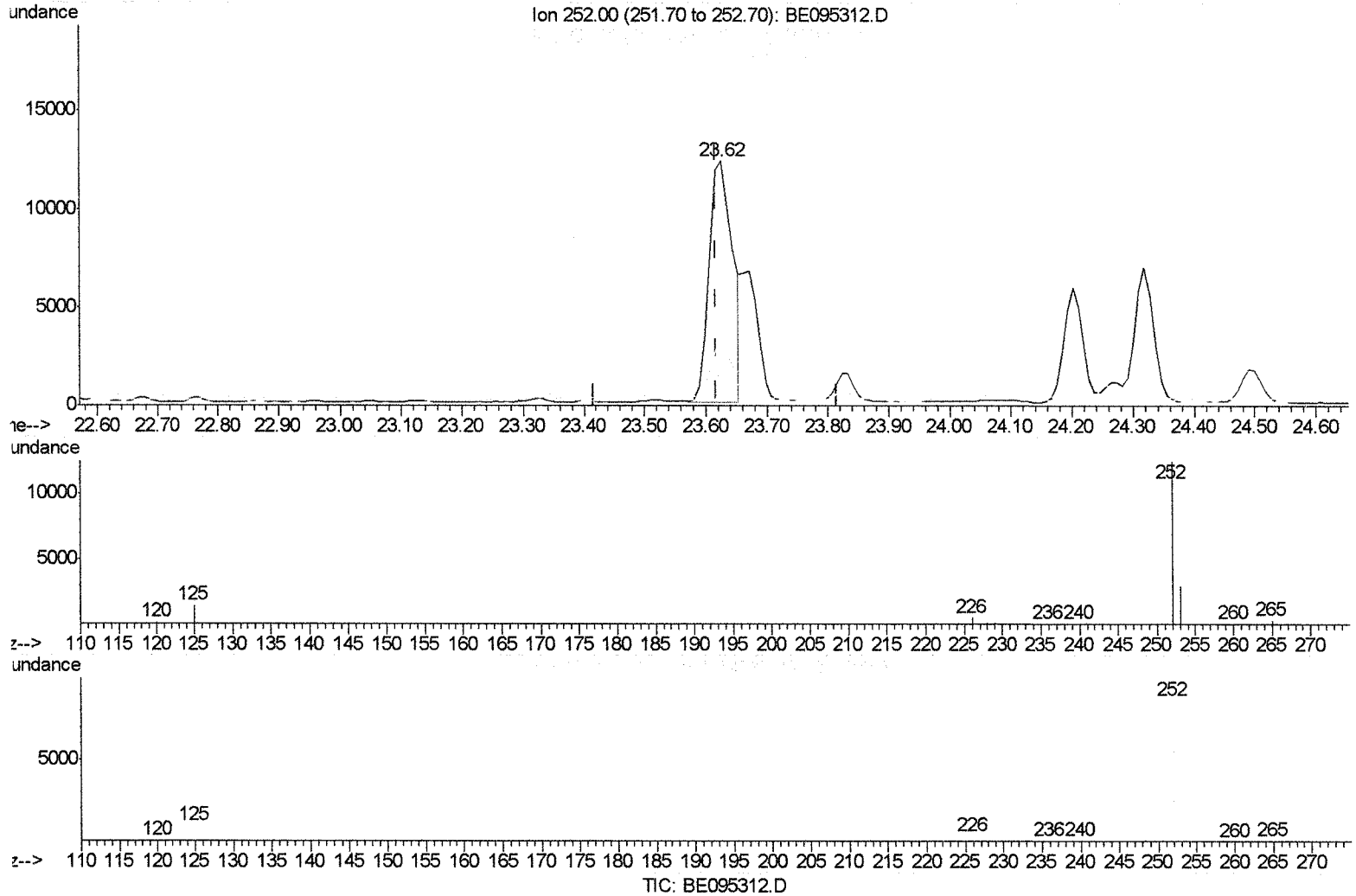
response 0

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

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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) 0.90ng/ul *50 2/1/18*

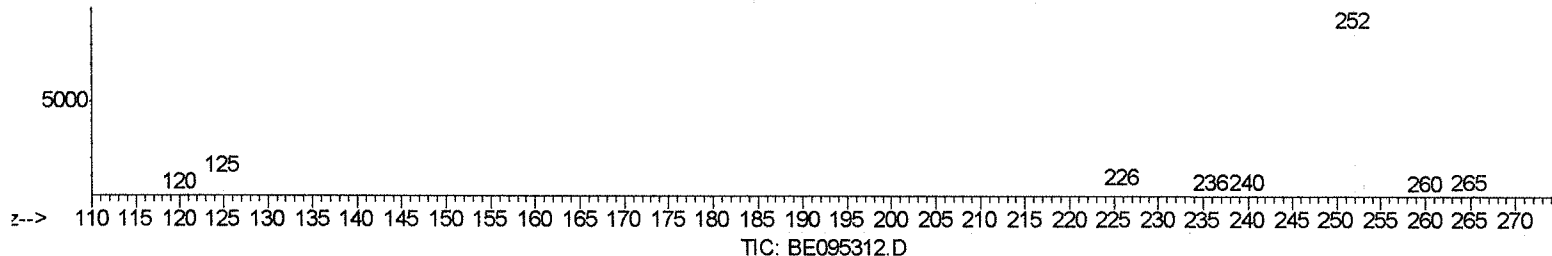
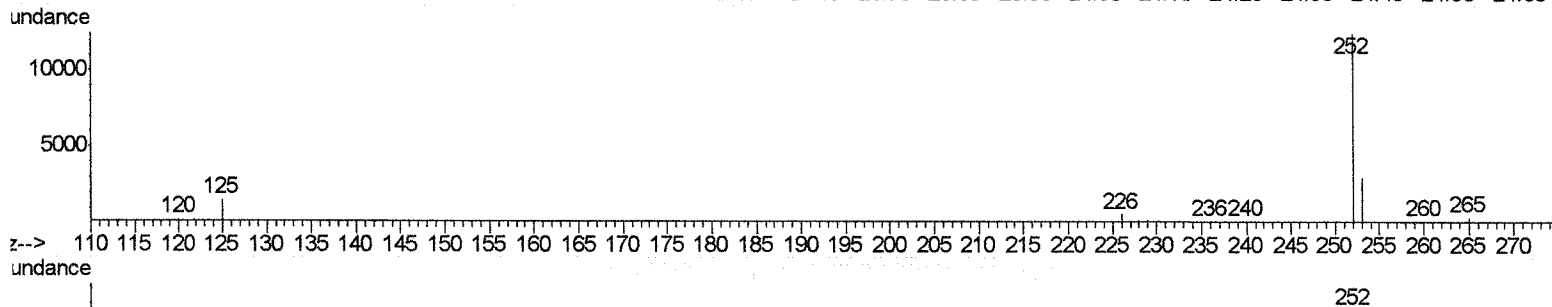
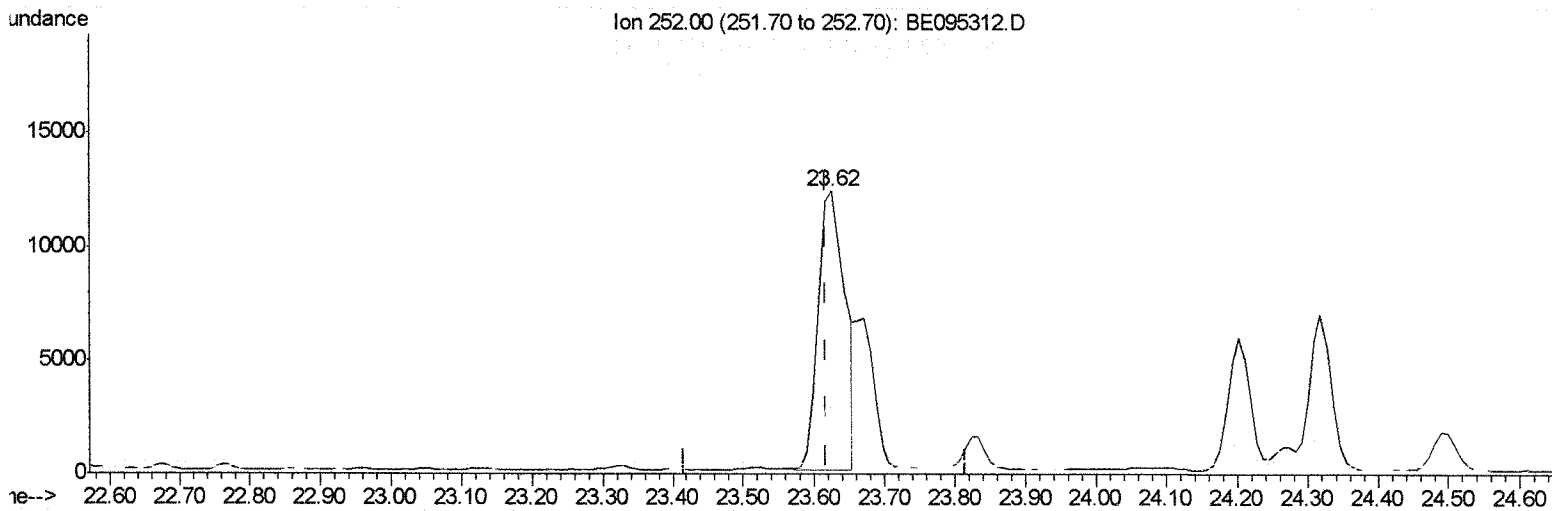
response 32712

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.87
125.00	17.50	12.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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) 0.90ng/ul m> SJ 2/1/18

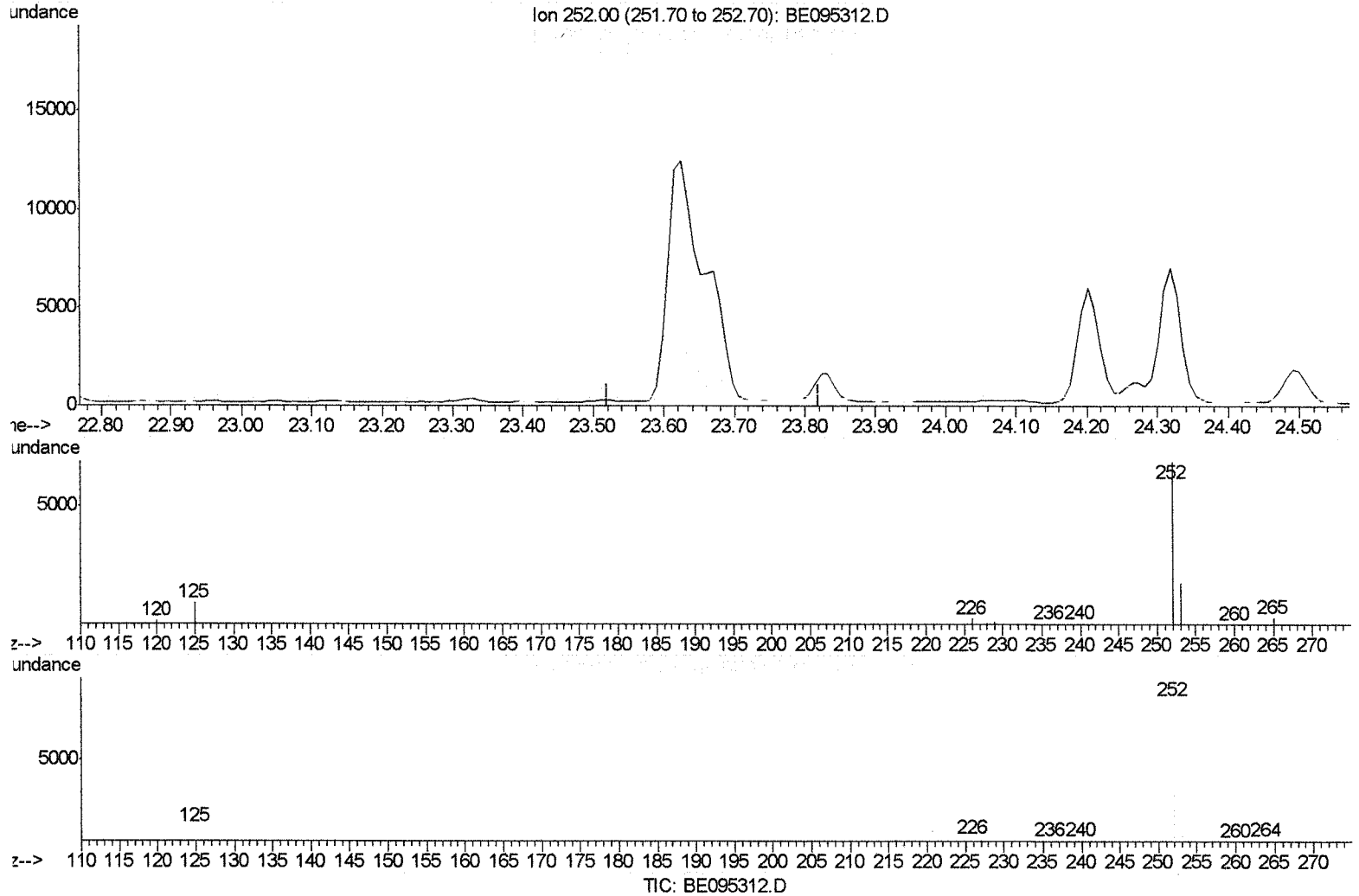
response 32712

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.87
125.00	17.50	12.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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

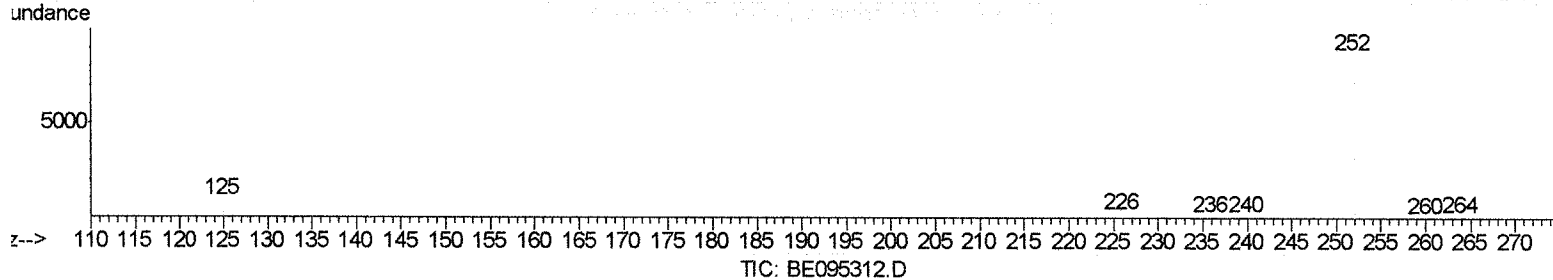
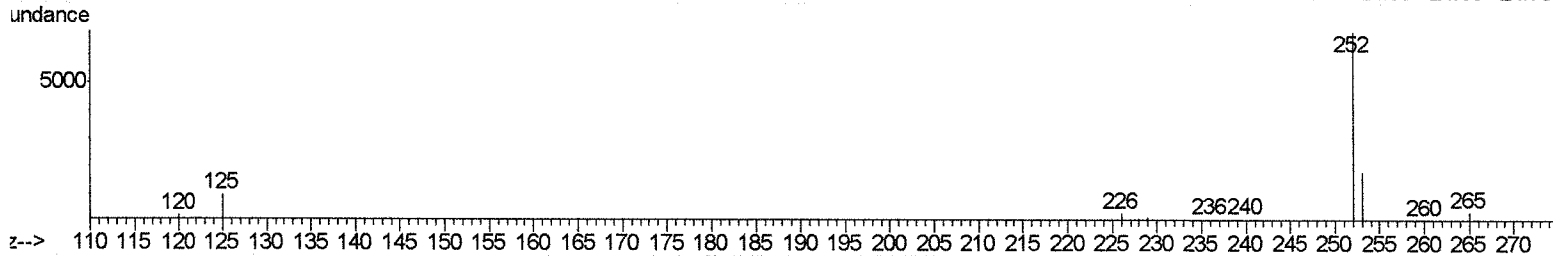
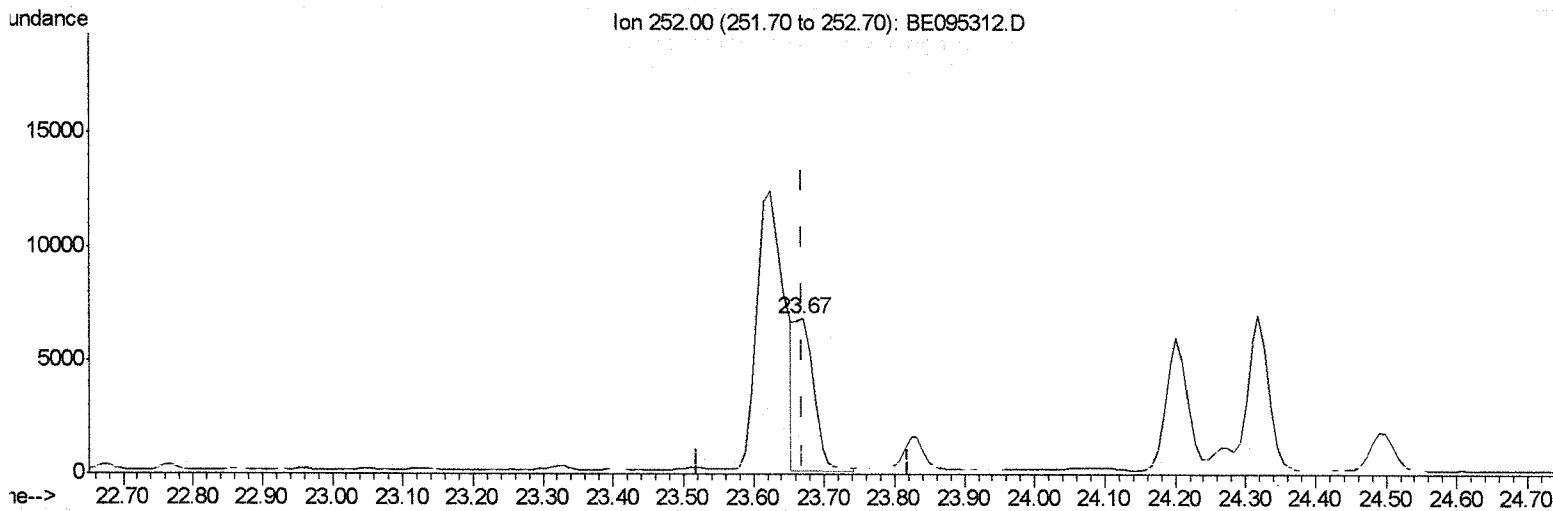
response 0

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 : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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) 0.38ng/ul m

> SJ 2/1/18

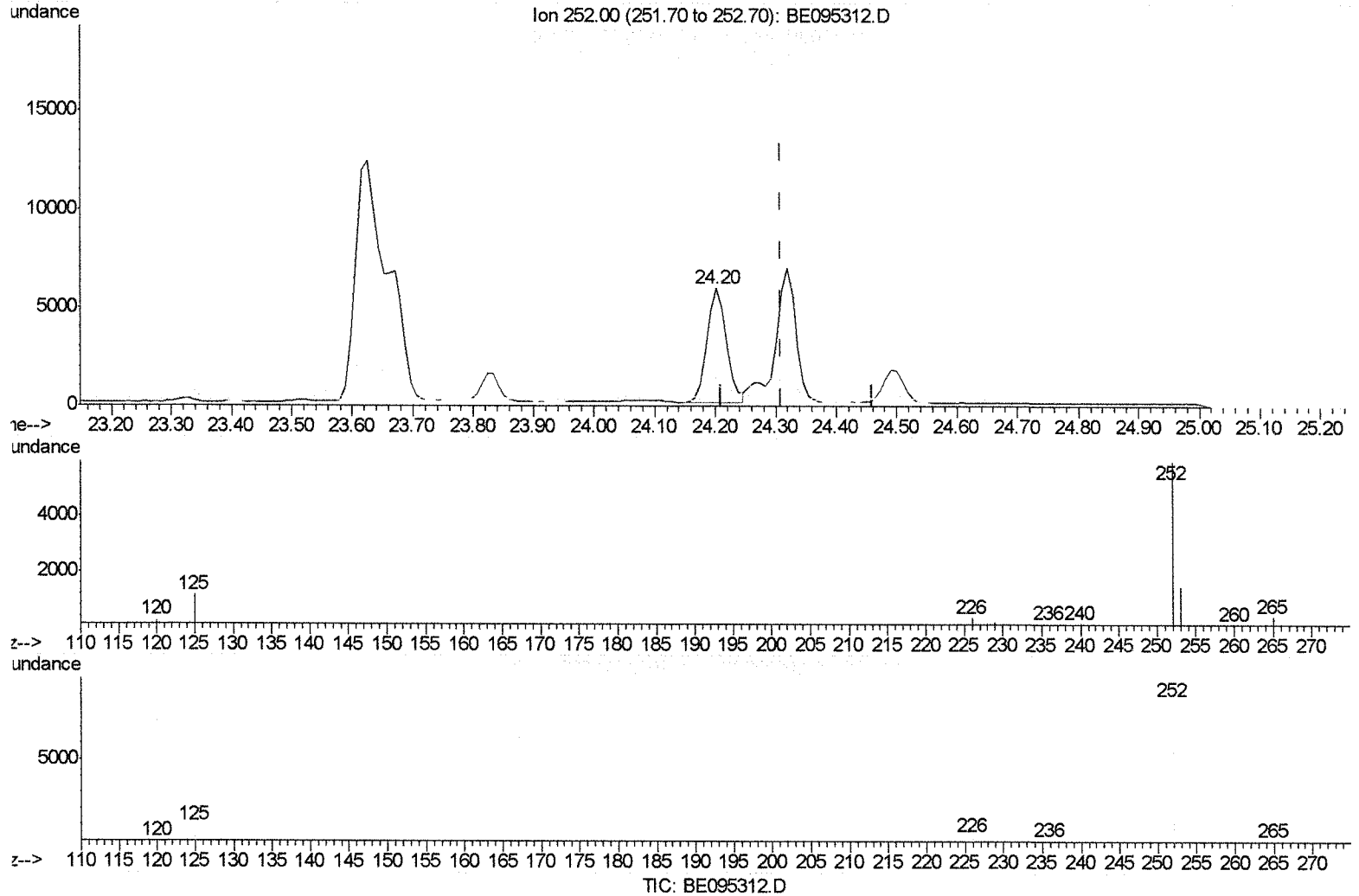
response 12785

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.63
125.00	17.10	14.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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)

24.202min (-0.108) 0.40ng/ul

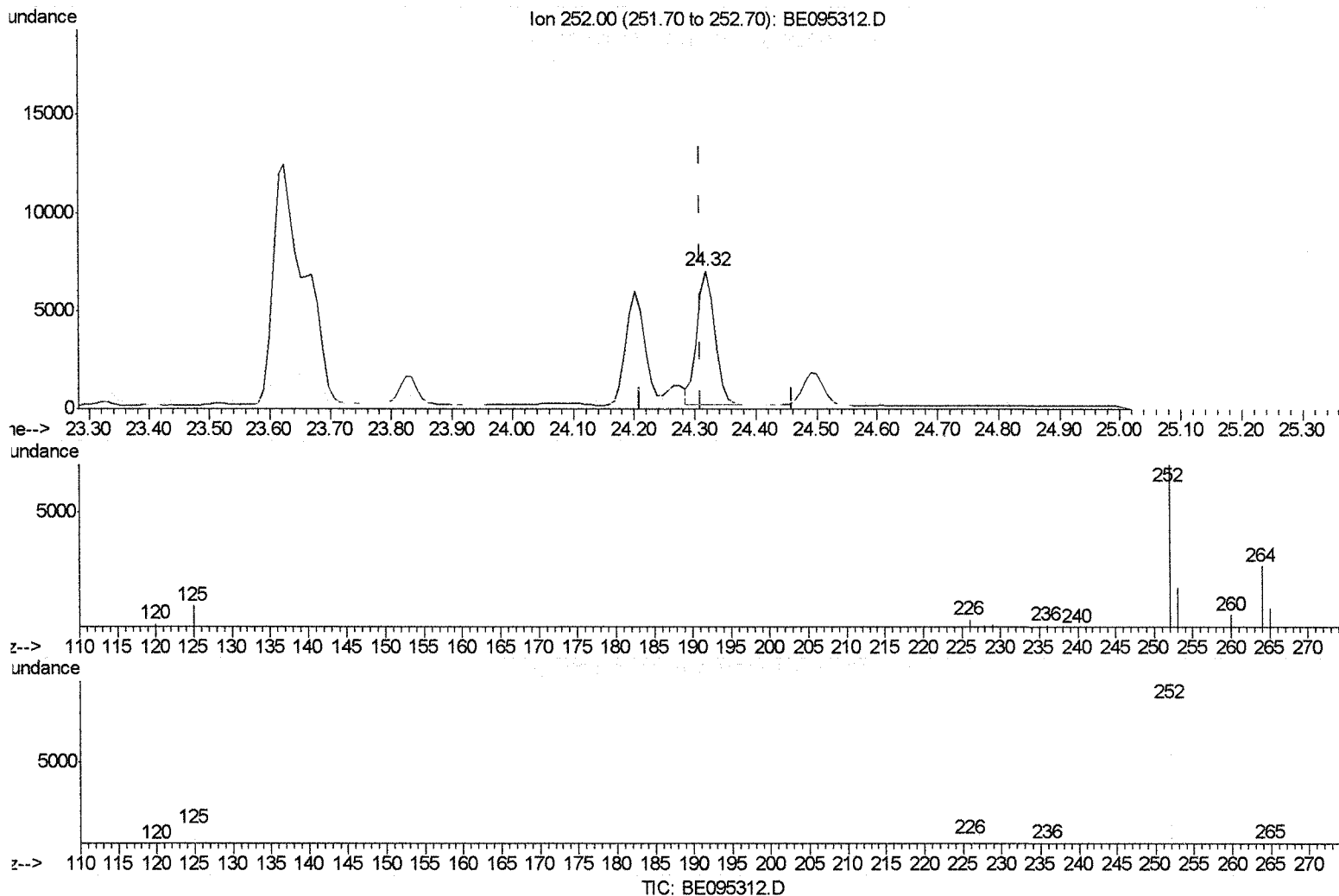
response 12986

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.84#
125.00	22.60	19.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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)

24.319min (+0.009) 0.43ng/ul m> SJ 2/1/18

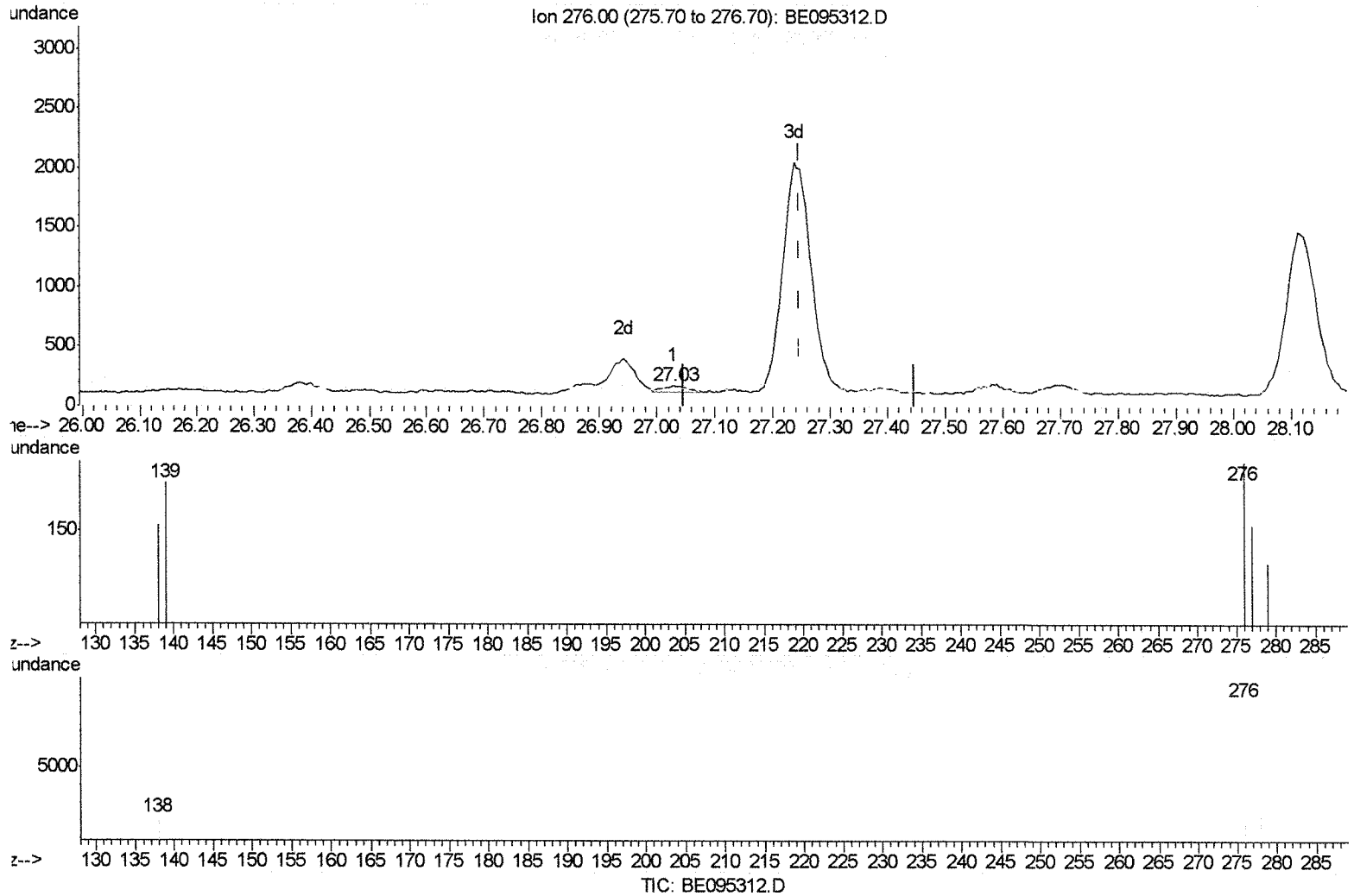
response 14072

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	25.45#
125.00	22.60	14.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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

27.029min (-0.218) 0.00ng/ul

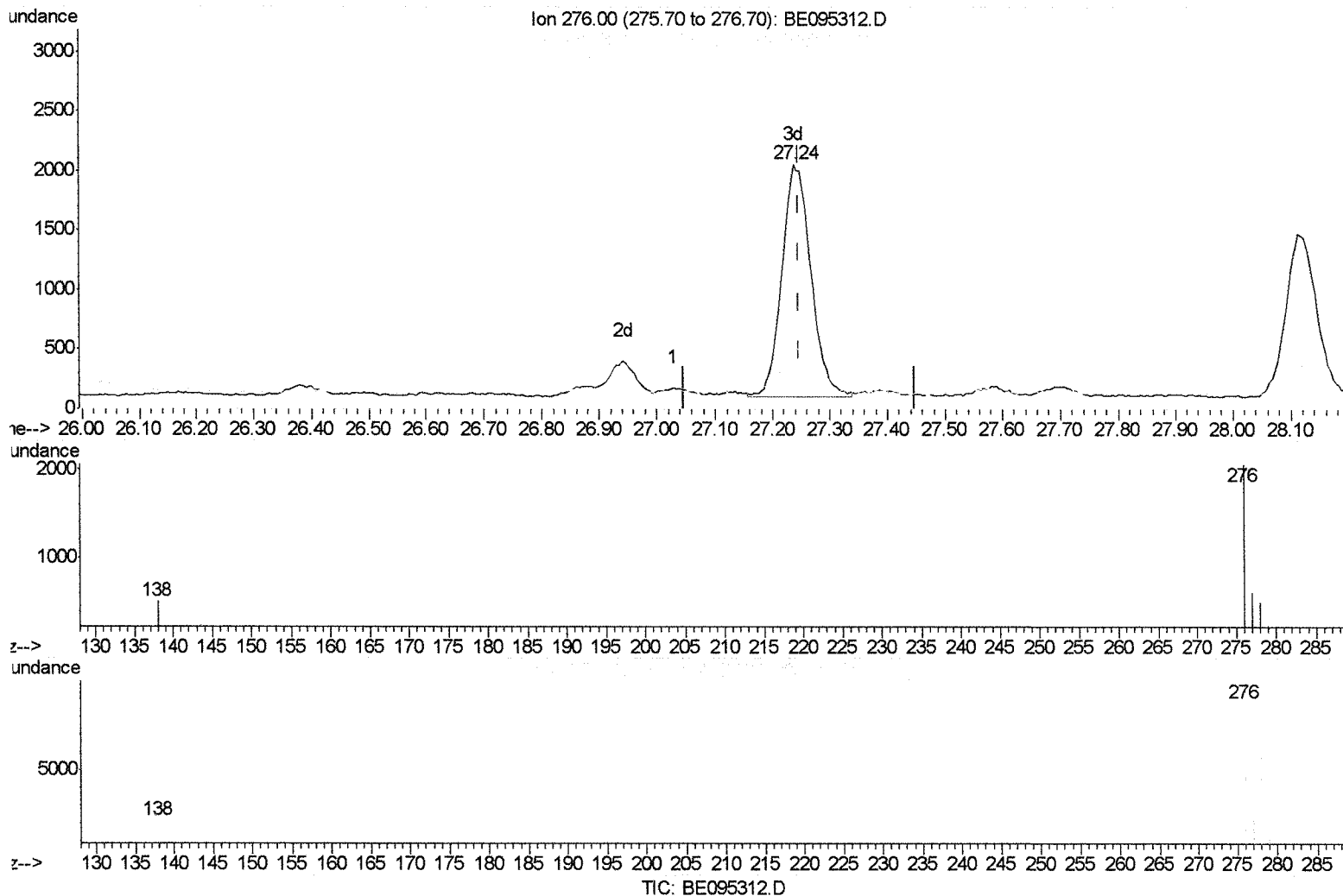
response 151

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	18.54#
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 : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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

27.238min (-0.009) 0.19ng/ul m > 50 2/11/18

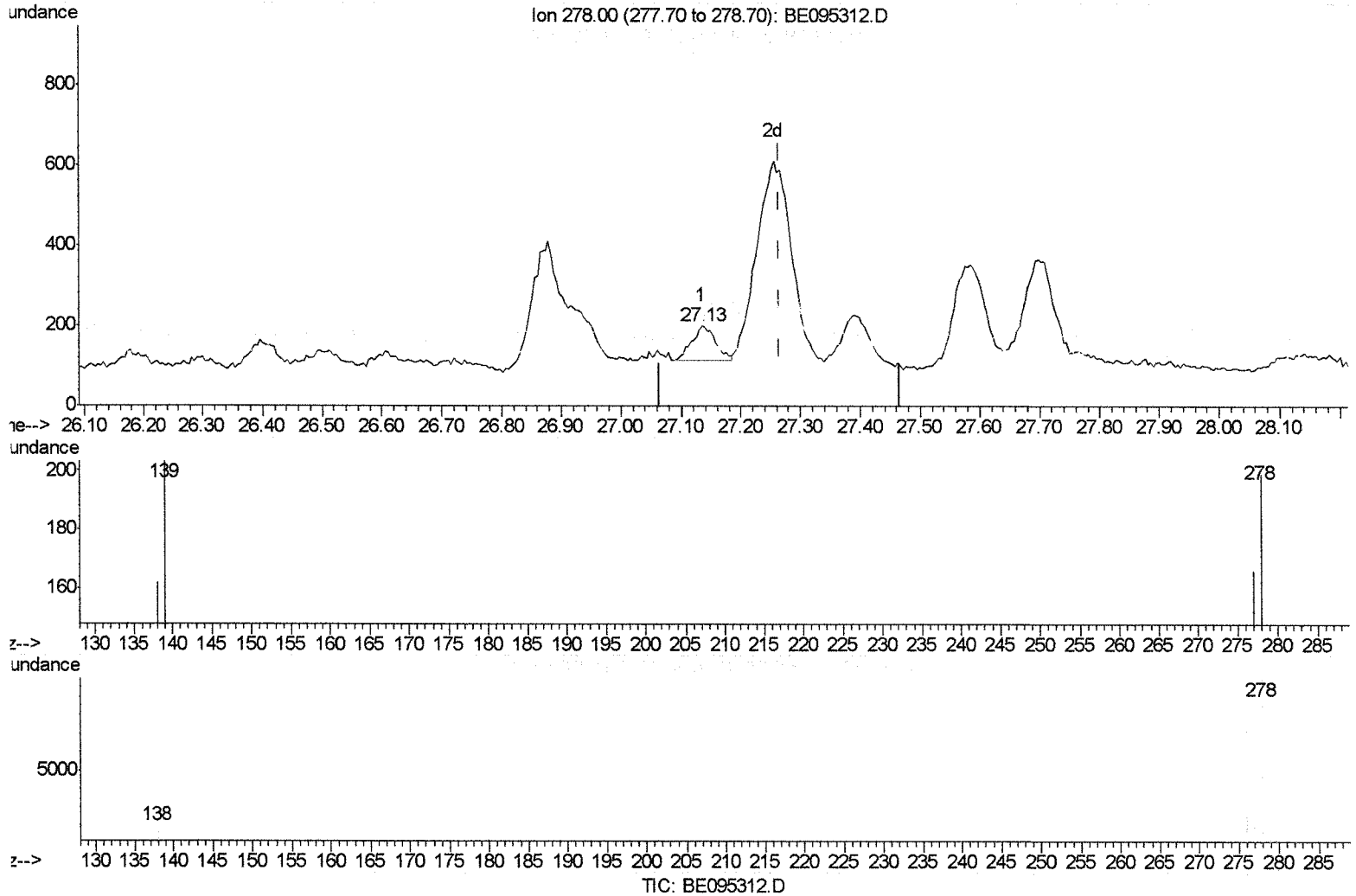
response 6907

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.41#
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 : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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

27.134min (-0.132) 0.01ng/ul

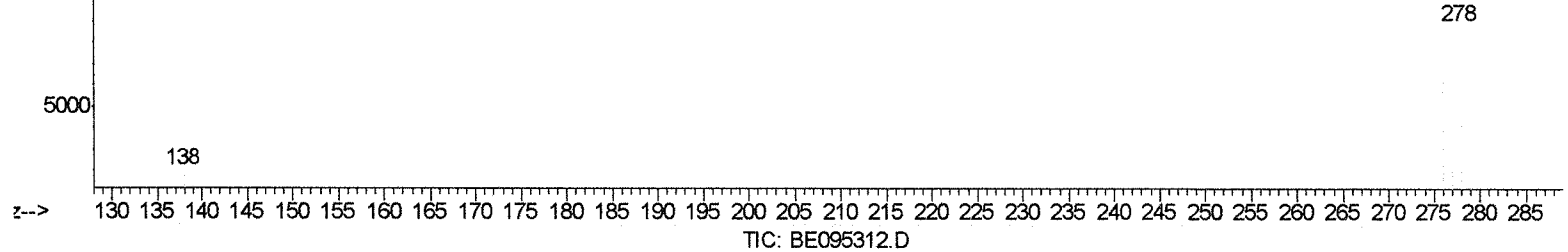
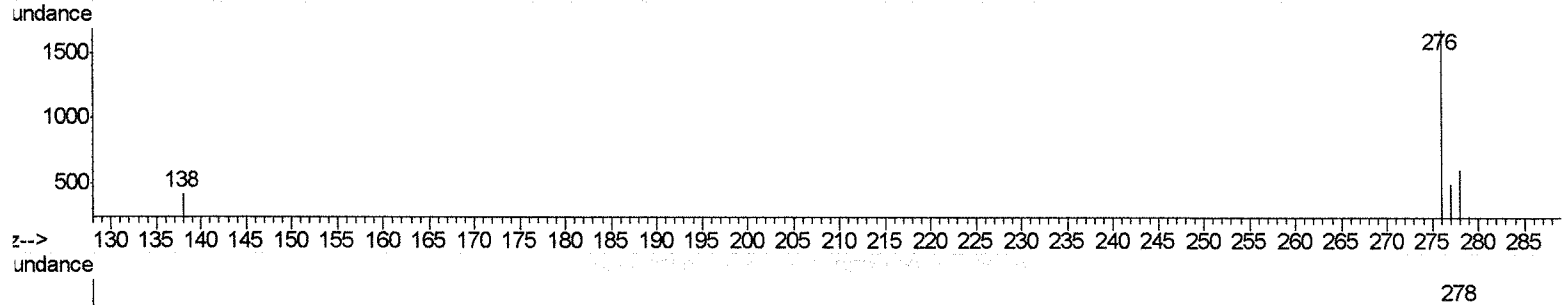
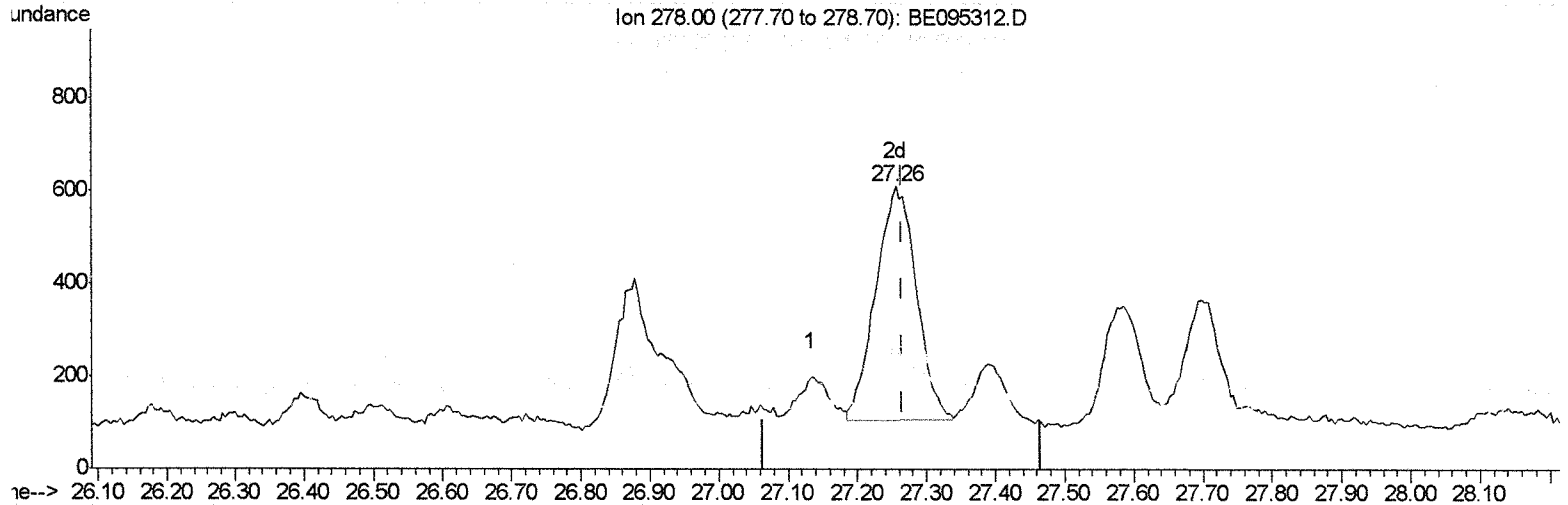
response 231

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	102.01#
279.00	32.40	74.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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

27.257min (-0.009) 0.07ng/ul m

> 52 2/1/18

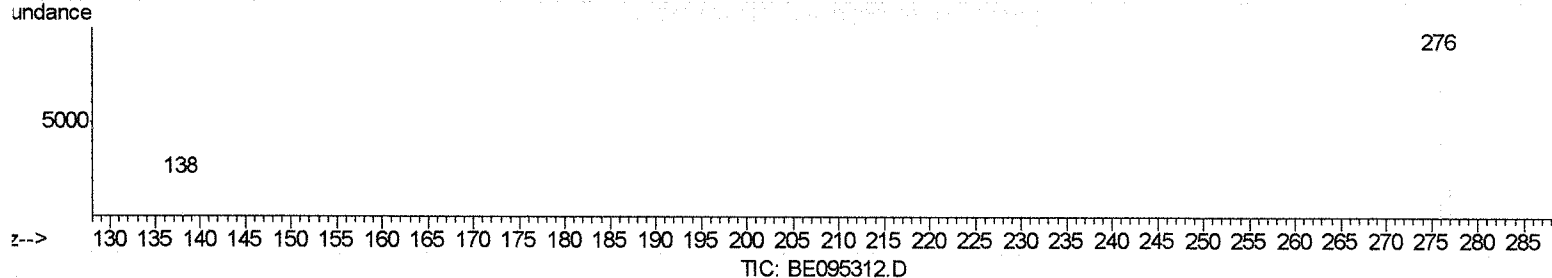
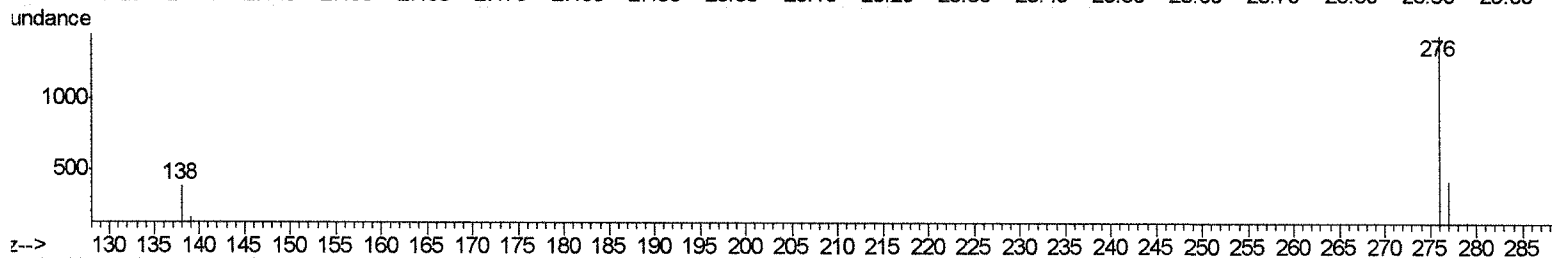
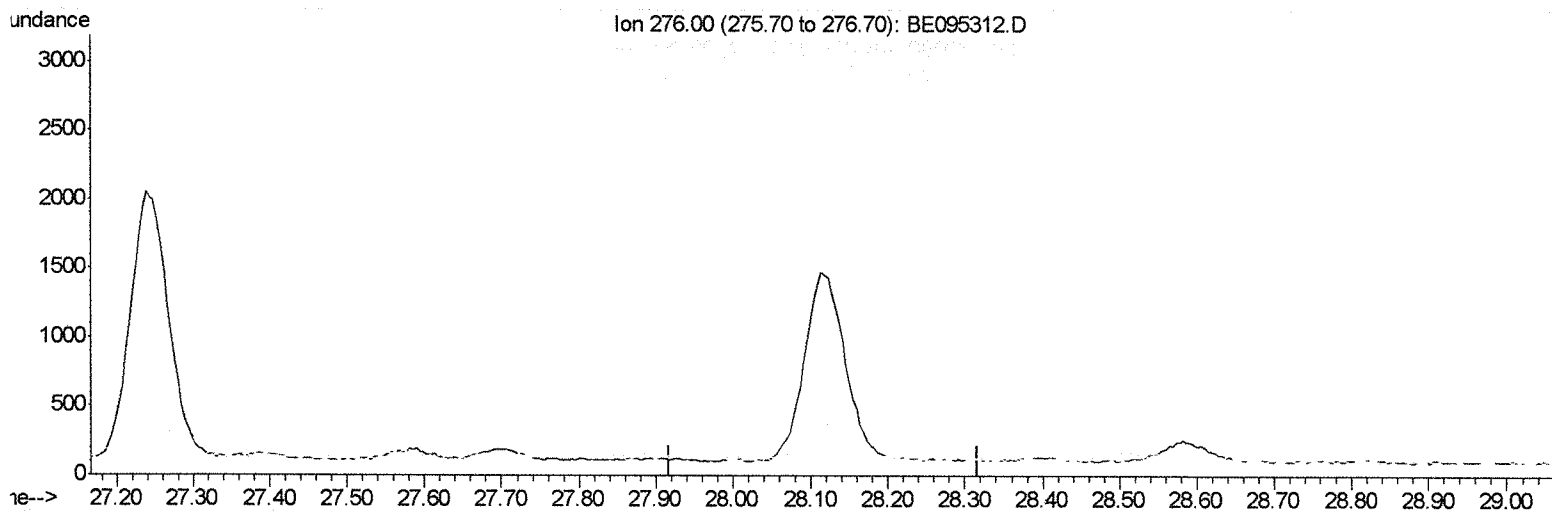
response 2060

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	39.67#
279.00	32.40	42.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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

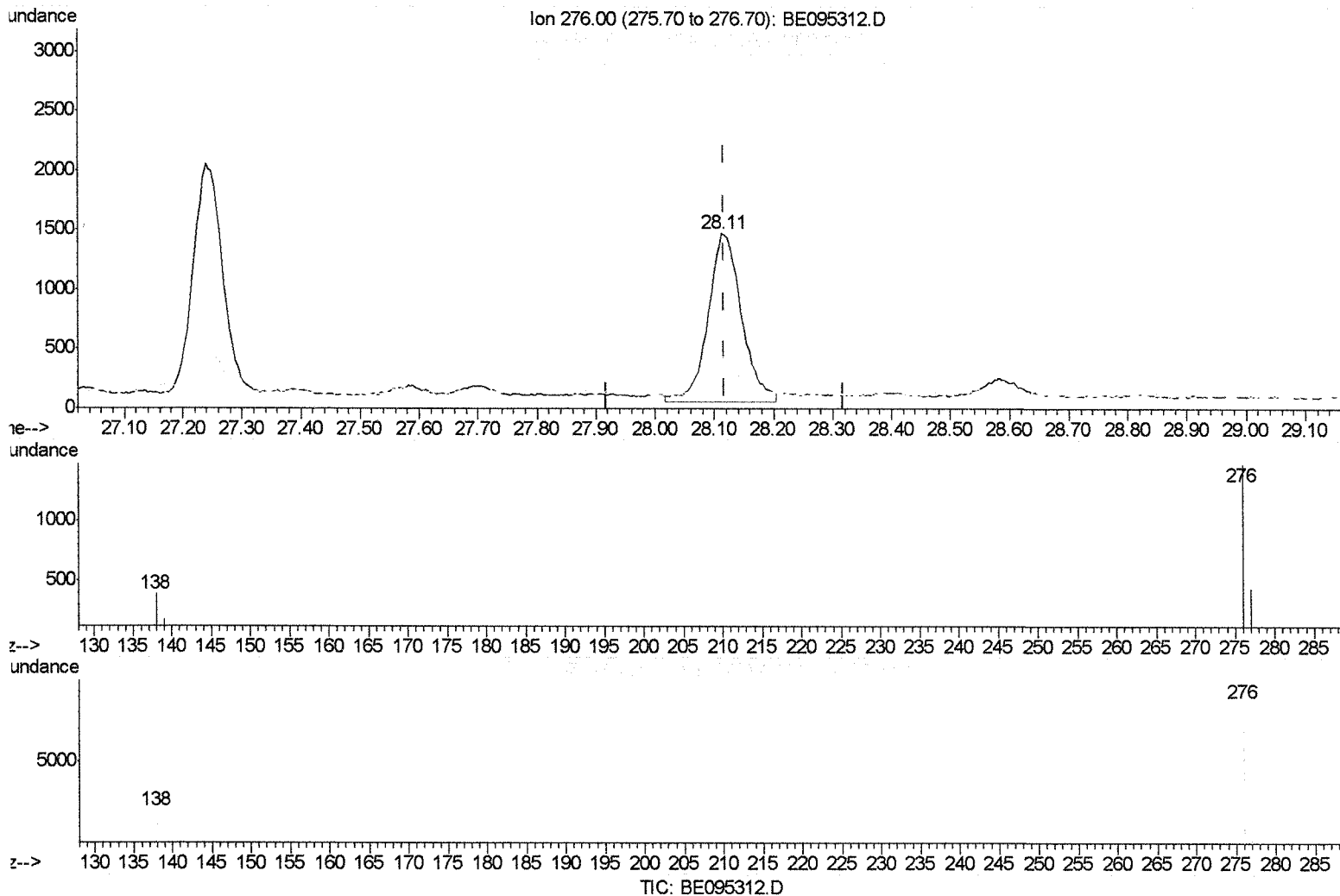
response 0

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 : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:26:39 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

28.113min (-0.004) 0.19ng/ul m > 50 2/1/18

response 5626

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	26.46
277.00	25.60	29.59
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095312.D
 Acq On : 31 Jan 2018 11:59
 Operator : SJ/JU
 Sample : J1244-01
 Disc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jan 31 14:33:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last 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	2641	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8251	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5729	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10811	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11039	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10310m	0.40	ng/ul	0.00

SJ 2/1/18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.81	152	3336	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	8763	0.21	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.31	128	108699	4.705	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	53084	3.441	ng/ul	100
7) Acenaphthylene	14.74	152	3102	0.113	ng/ul#	92
8) Acenaphthene	15.08	153	48220	2.255	ng/ul	94
9) Fluorene	16.03	166	28712	1.302	ng/ul#	78
11) Pentachlorophenol	17.36	266	92393	44.124	ng/ul	95
12) Phenanthrene	17.75	178	165385	4.549	ng/ul#	86
13) Anthracene	17.85	178	23432	0.704	ng/ul#	93
15) Fluoranthene	19.73	202	422740	8.979	ng/ul	81
17) Pyrene	20.08	202	316738	8.551	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	62396	1.808	ng/ul#	86
19) Chrysene	21.84	228	48983	1.367	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	32712m	0.899	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	12785m	0.384	ng/ul	
23) Benzo(a)pyrene	24.32	252	14072m	0.433	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	6907m	0.194	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	2060m	0.071	ng/ul	
26) Benzo(a,h,i)perylene	28.11	276	5626m	0.187	ng/ul	

SJ 2/1/18

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