

(QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\

Data File : BE095315.D

Acq On : 31 Jan 2018 13:47

Operator : SJ/JU

Sample : J1244-04

Misc :

ALS Vial : 39 Sample Multiplier: 1

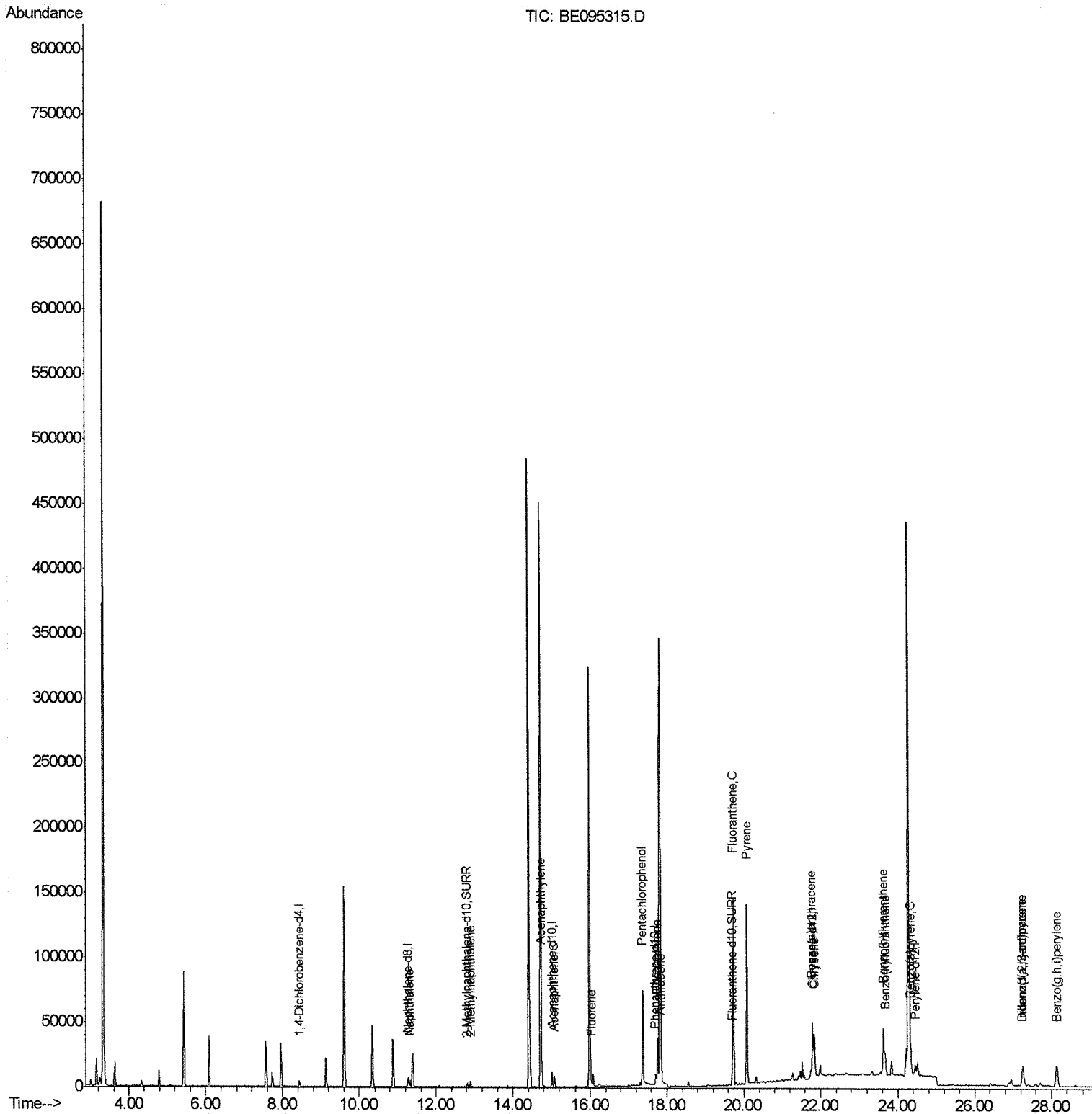
Quant Time: Jan 31 15:42:27 2018

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

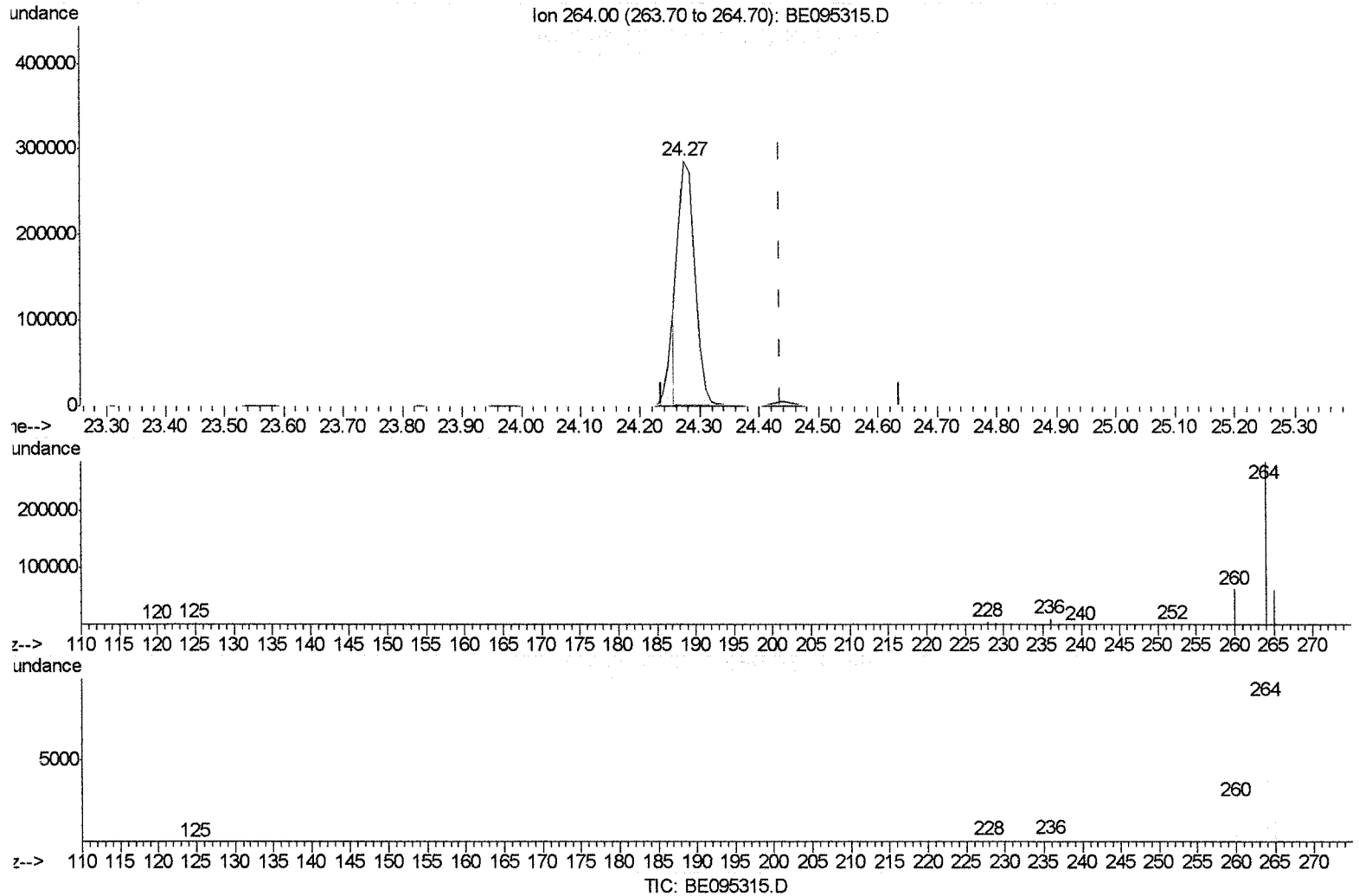
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 31 15:36:31 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)

24.273min (-0.163) 0.40ng/ui

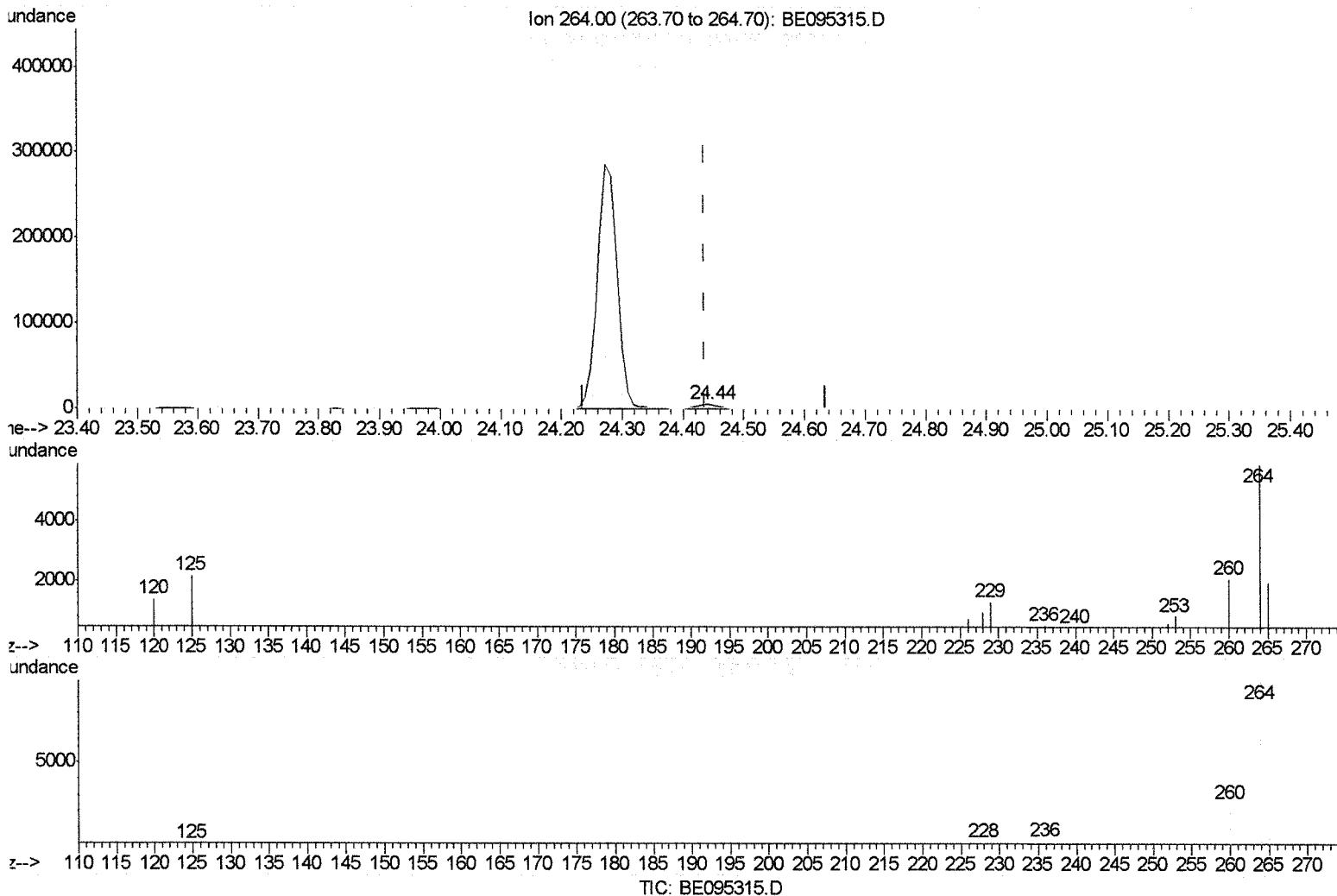
response 557782

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.78#
265.00	103.50	21.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 31 15:36:31 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

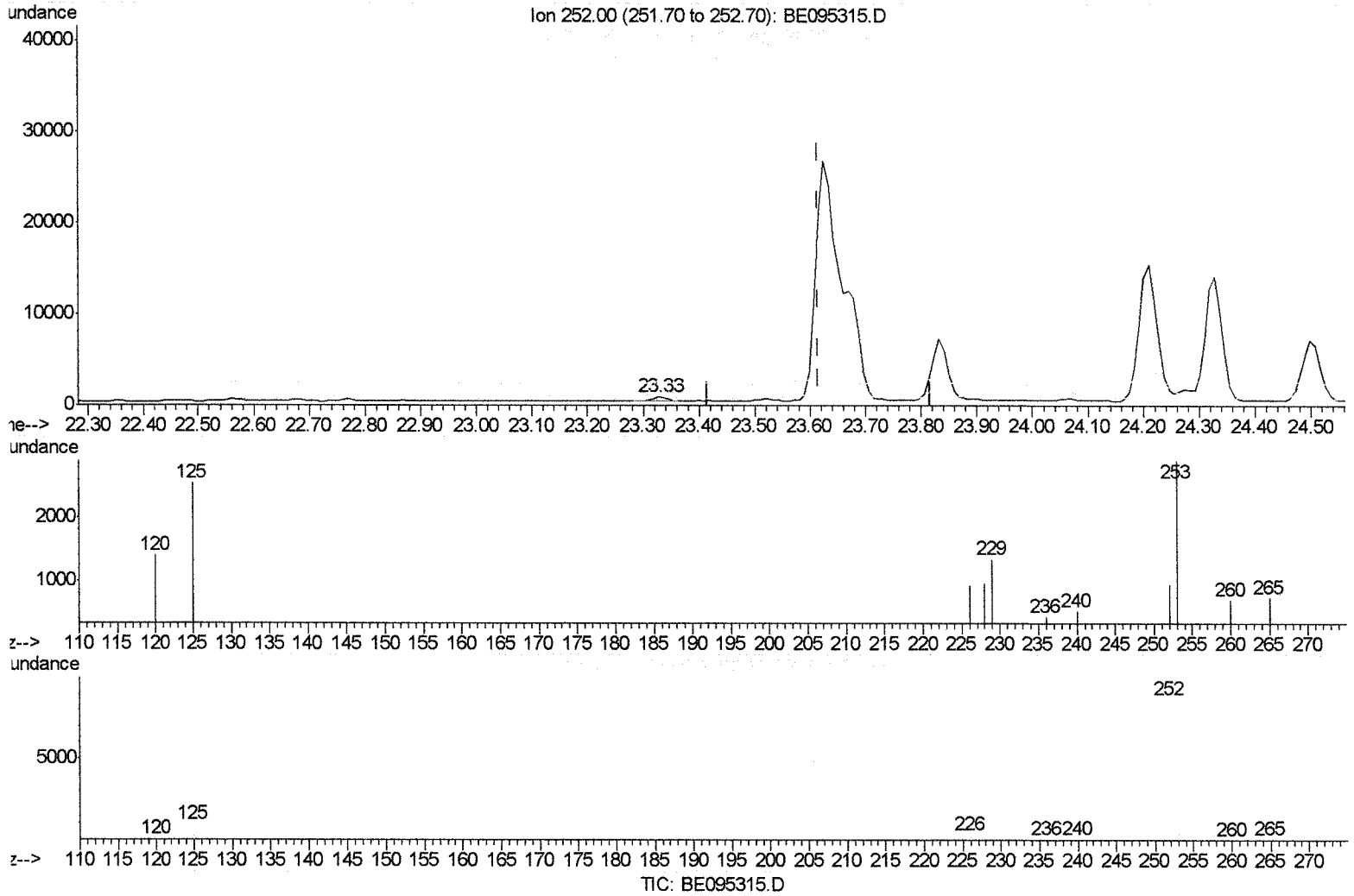
response 11006

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	35.43
265.00	103.50	33.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 31 15:39:42 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

23.327min (-0.289) 0.02ng/ul

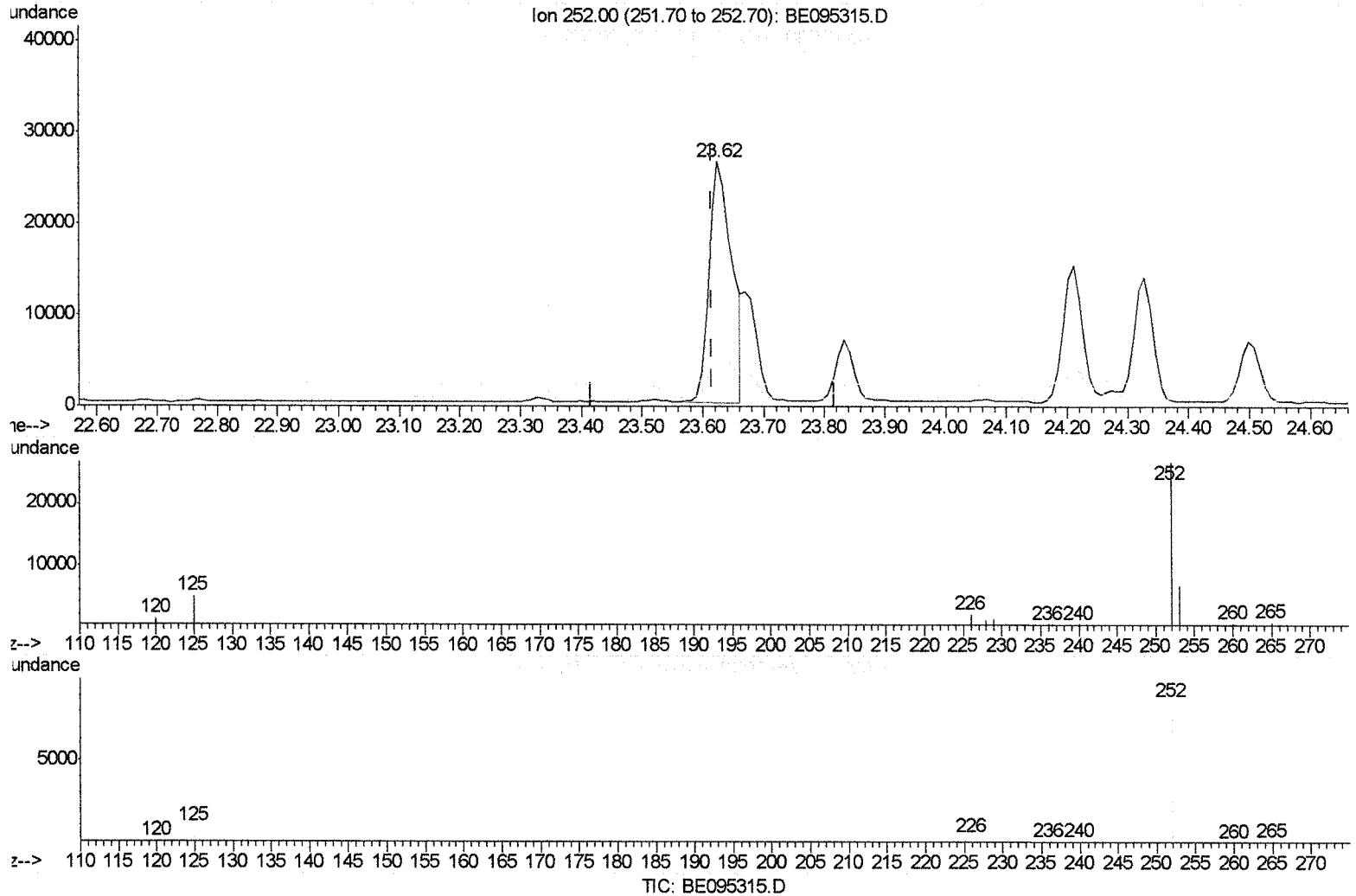
response 846

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	304.95#
125.00	17.50	267.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 31 15:39:42 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

23.624min (+0.008) 1.80ng/ul m > 50 2/1/18

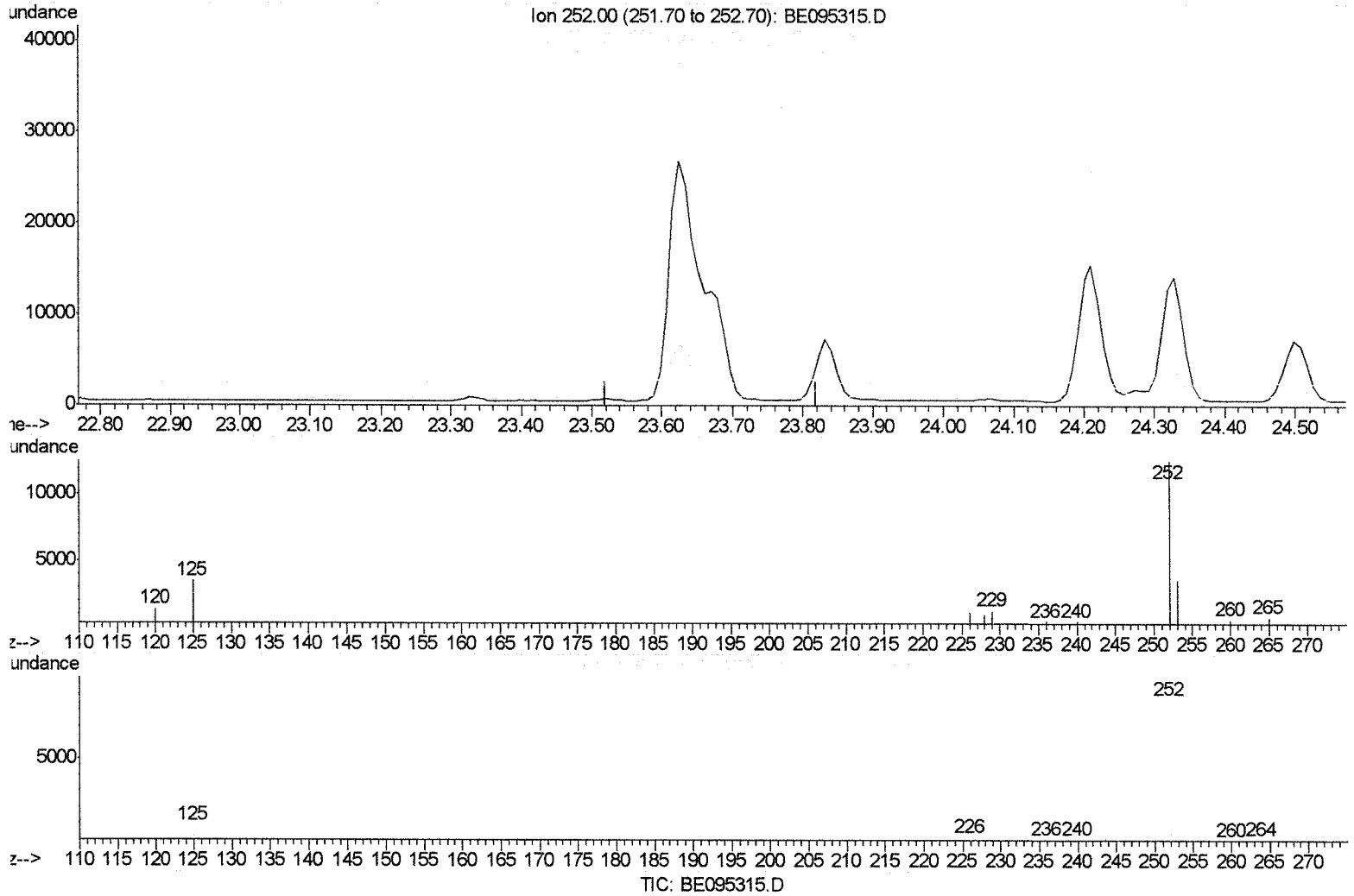
response 70066

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.18
125.00	17.50	18.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 31 15:39:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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(22) Benzo(k)fluoranthene

23.670min (-23.670) 0.00ng/ul

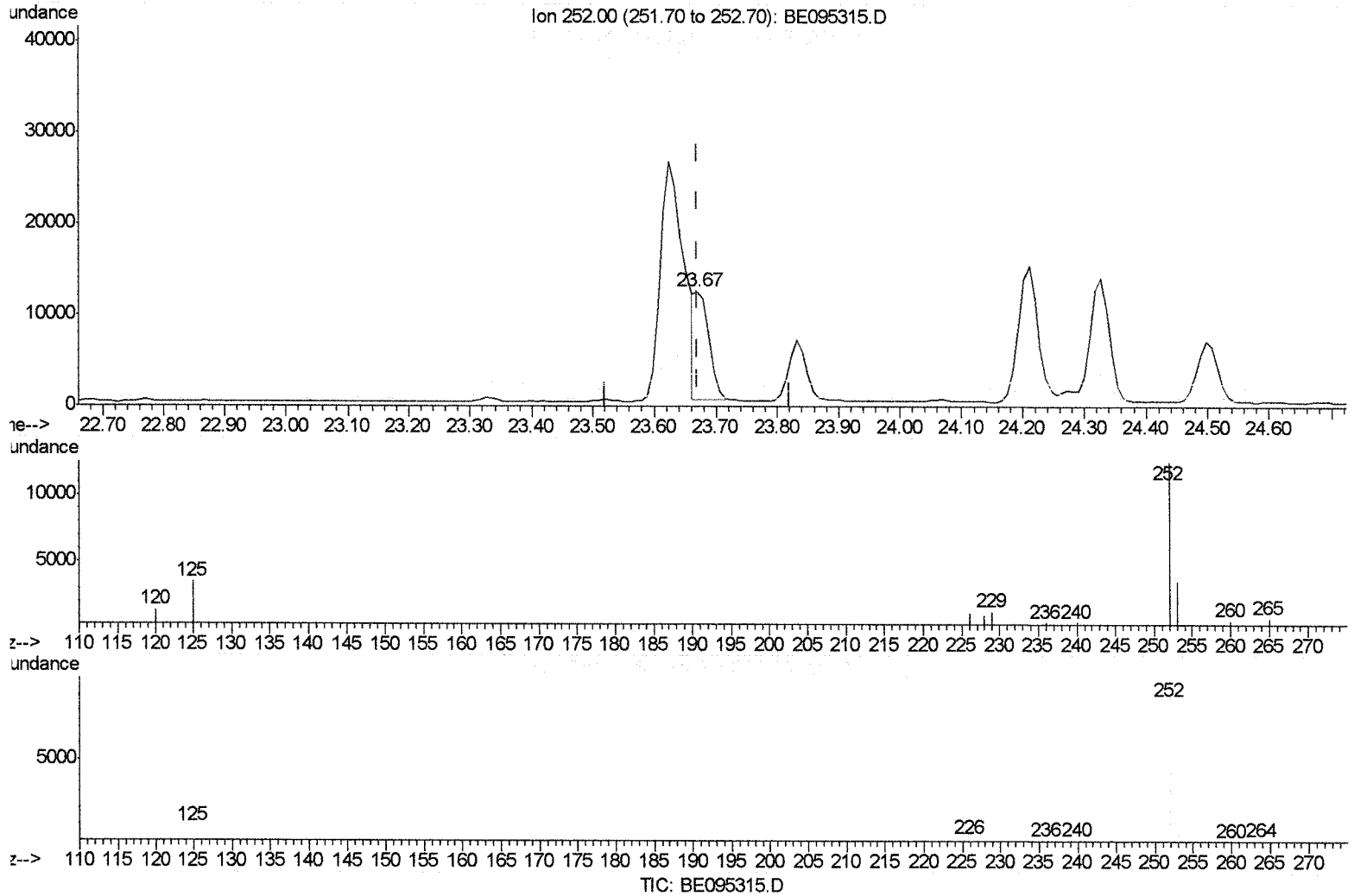
response 0

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 : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 31 15:39:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.669min (-0.001) 0.51ng/ul m

50 21118

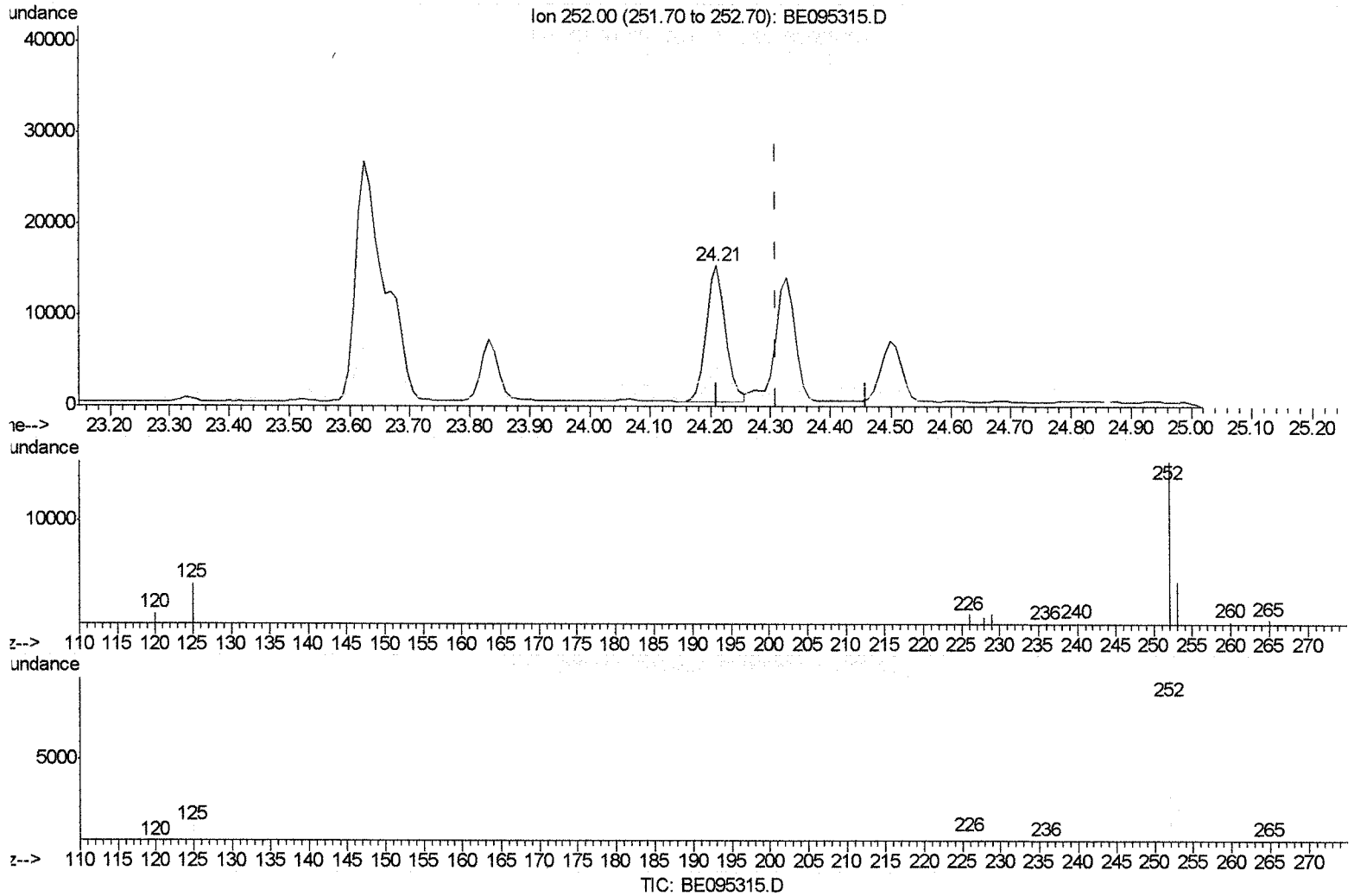
response 18262

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.50
125.00	17.10	27.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 31 15:39:42 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)

24.210min (-0.100) 0.98ng/ul

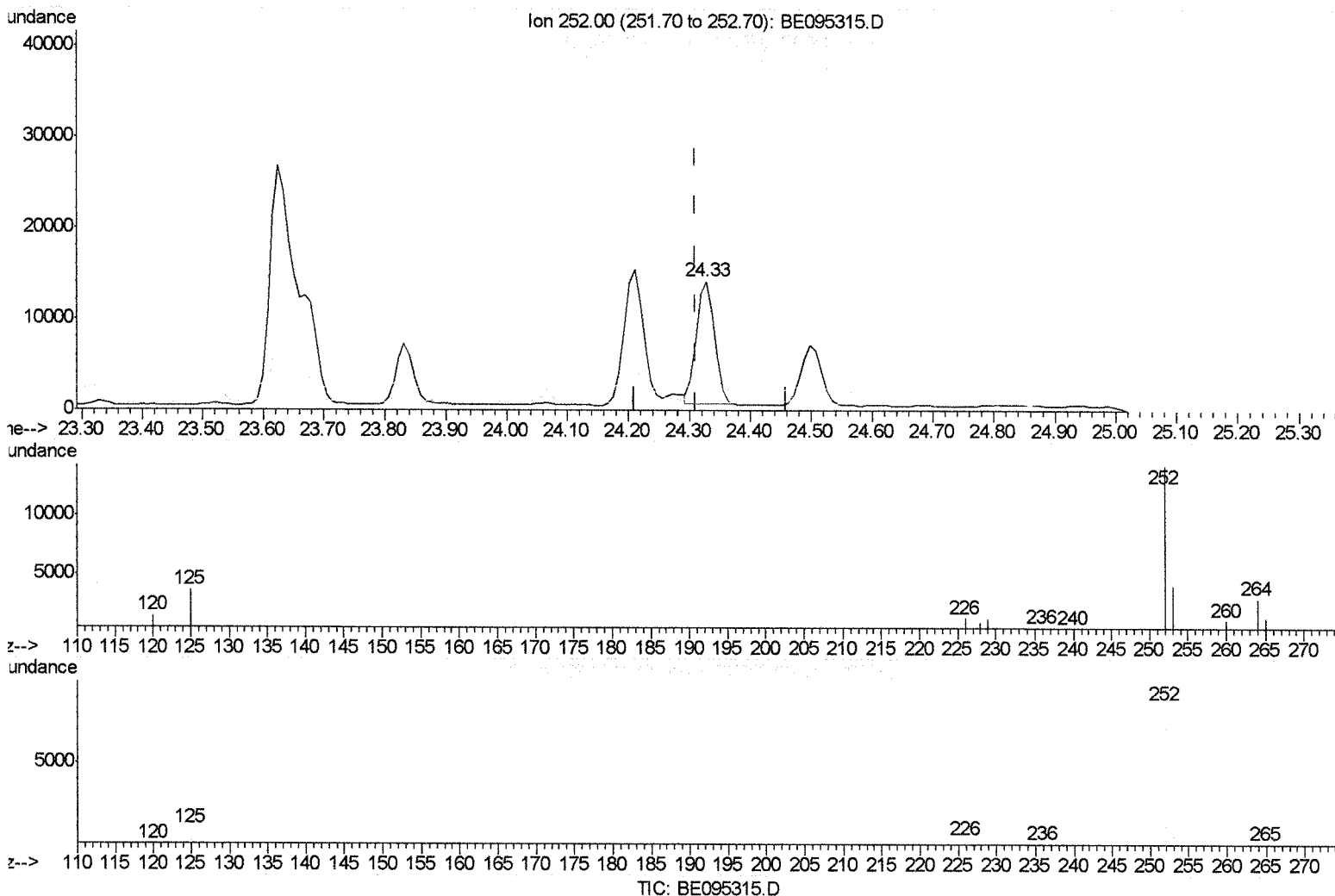
response 33986

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	28.10#
125.00	22.60	26.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 31 15:39:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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 QLast Update : Wed Jan 31 11:55:47 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

24.327min (+0.017) 0.81ng/ul m

SJ 2/1/18

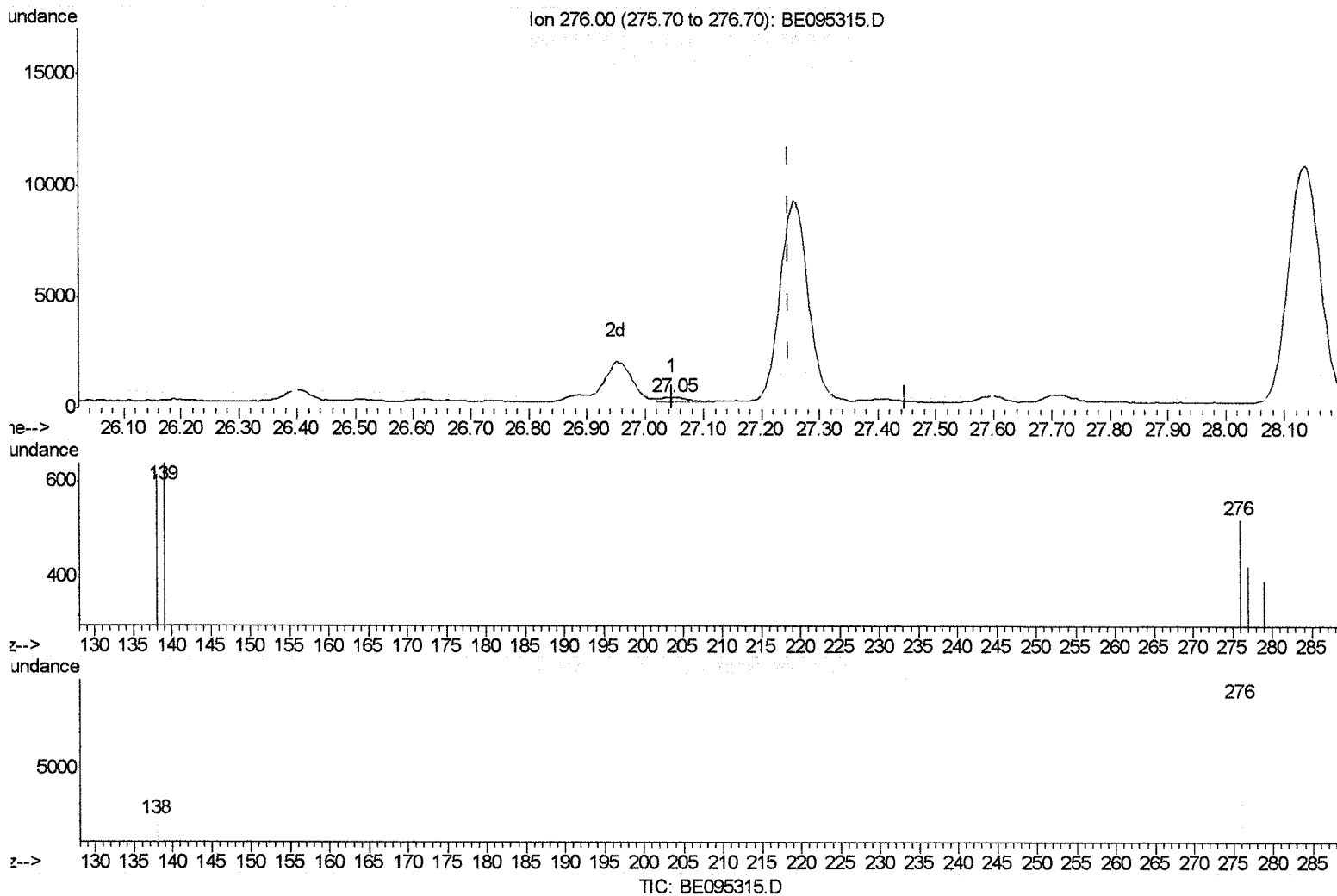
response 28104

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	28.66
125.00	22.60	25.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 31 15:39:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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 Response via : Initial Calibration



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

27.046min (-0.201) 0.01ng/ul

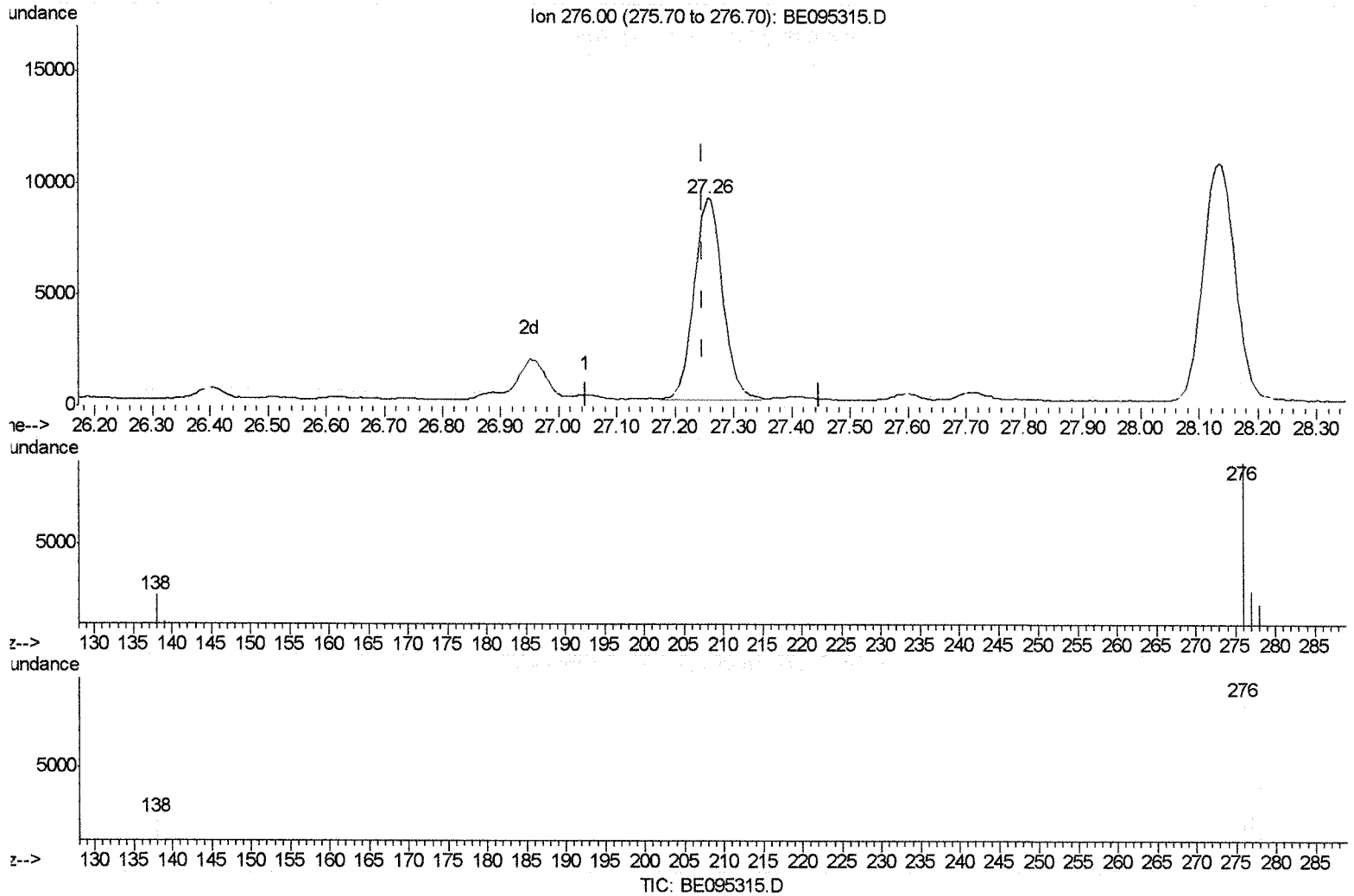
response 568

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.00#
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 : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 31 15:39:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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 Response via : Initial Calibration



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

27.256min (+0.009) 0.81ng/ul m> 52 2/1/18

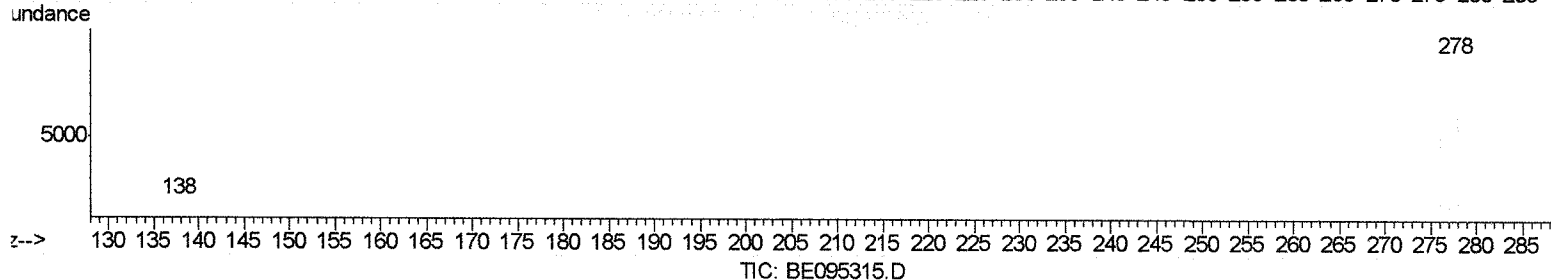
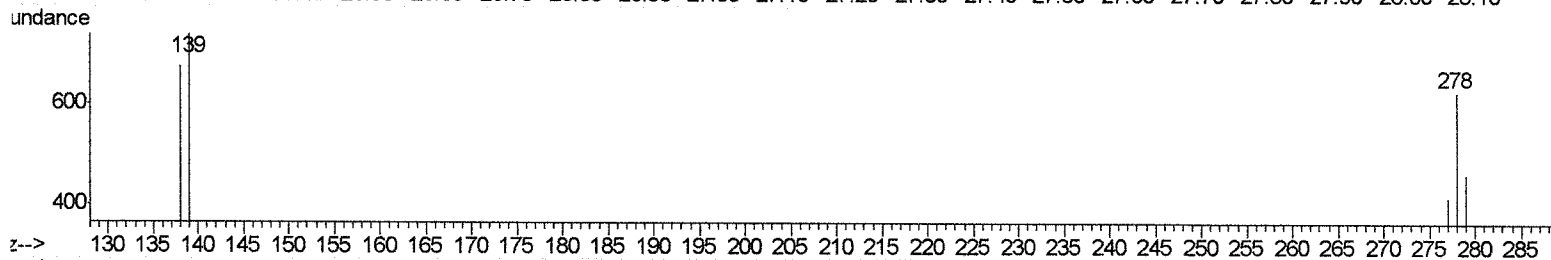
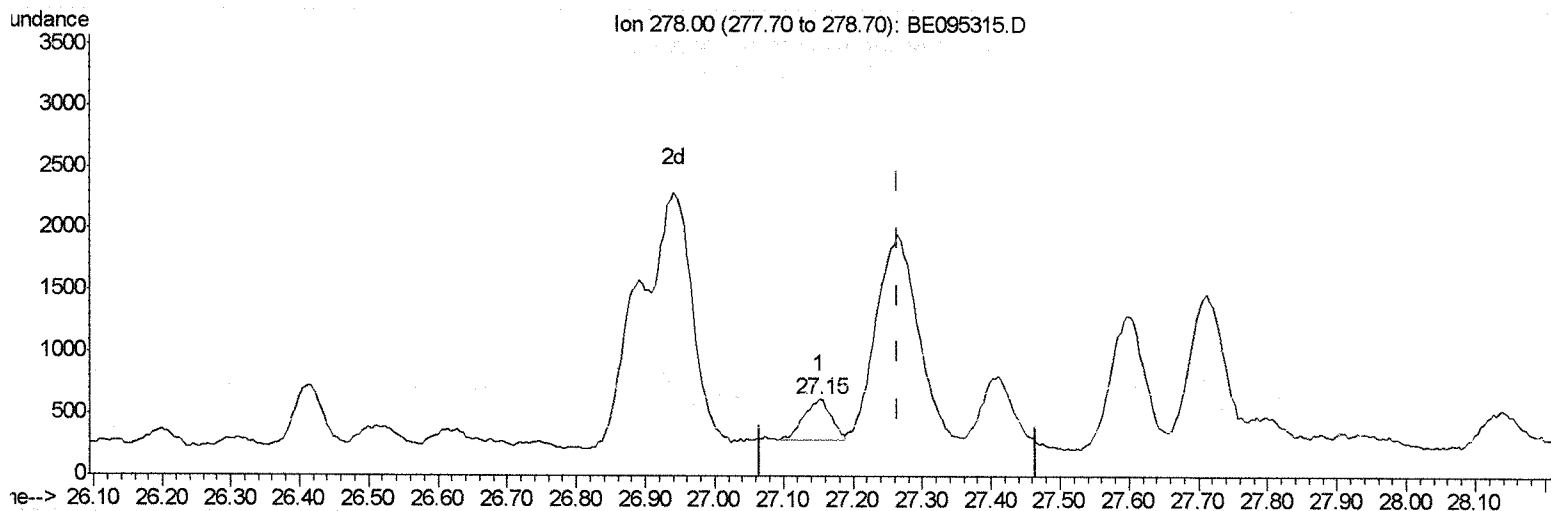
response 30874

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

Quantitation Report (Qedit)

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 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 31 15:39:42 2018
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(25) Dibenzo(a,h)anthracene

27.151min (-0.114) 0.03ng/ul

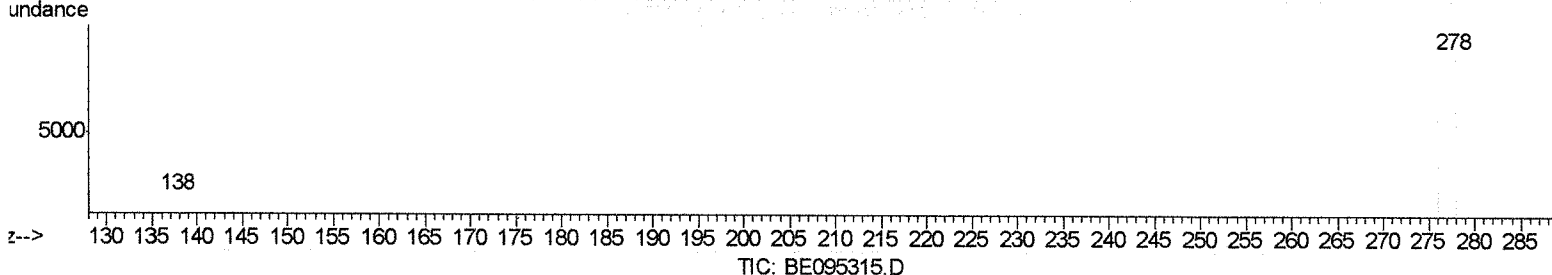
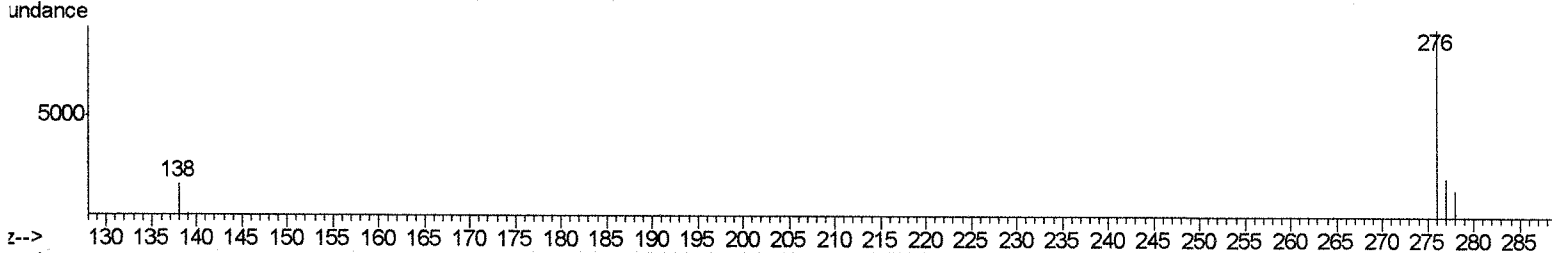
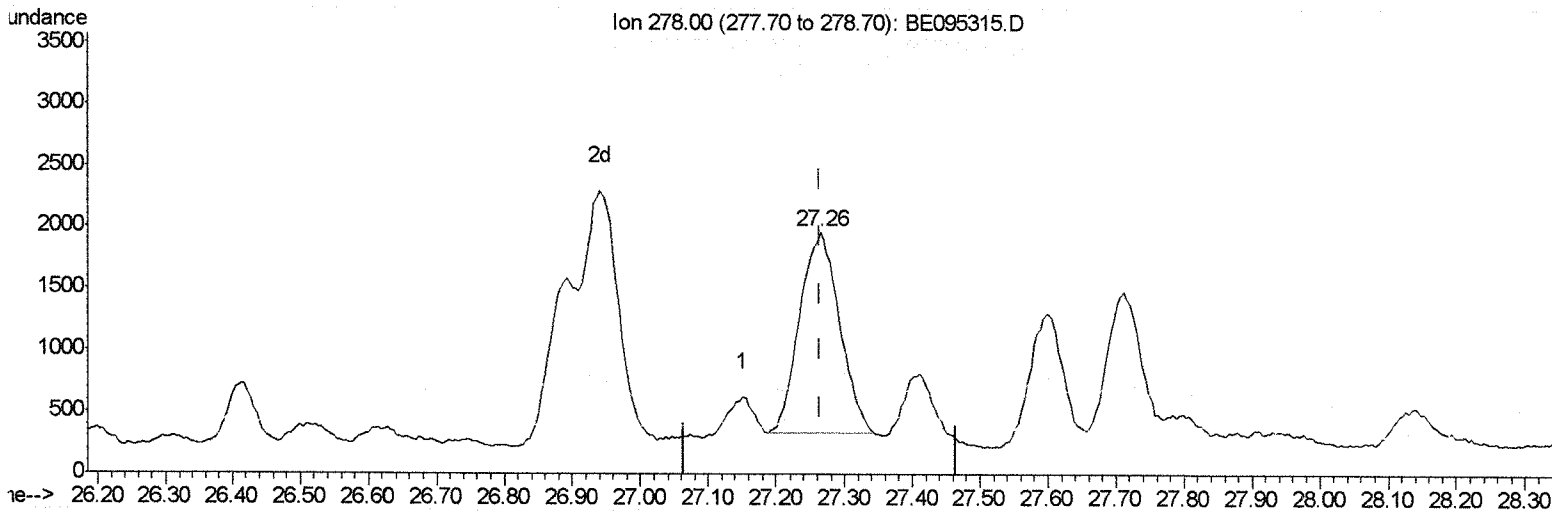
response 913

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	117.89#
279.00	32.40	73.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 31 15:39:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.265min (-0.001) 0.21ng/ul m> SJ 2/1/18

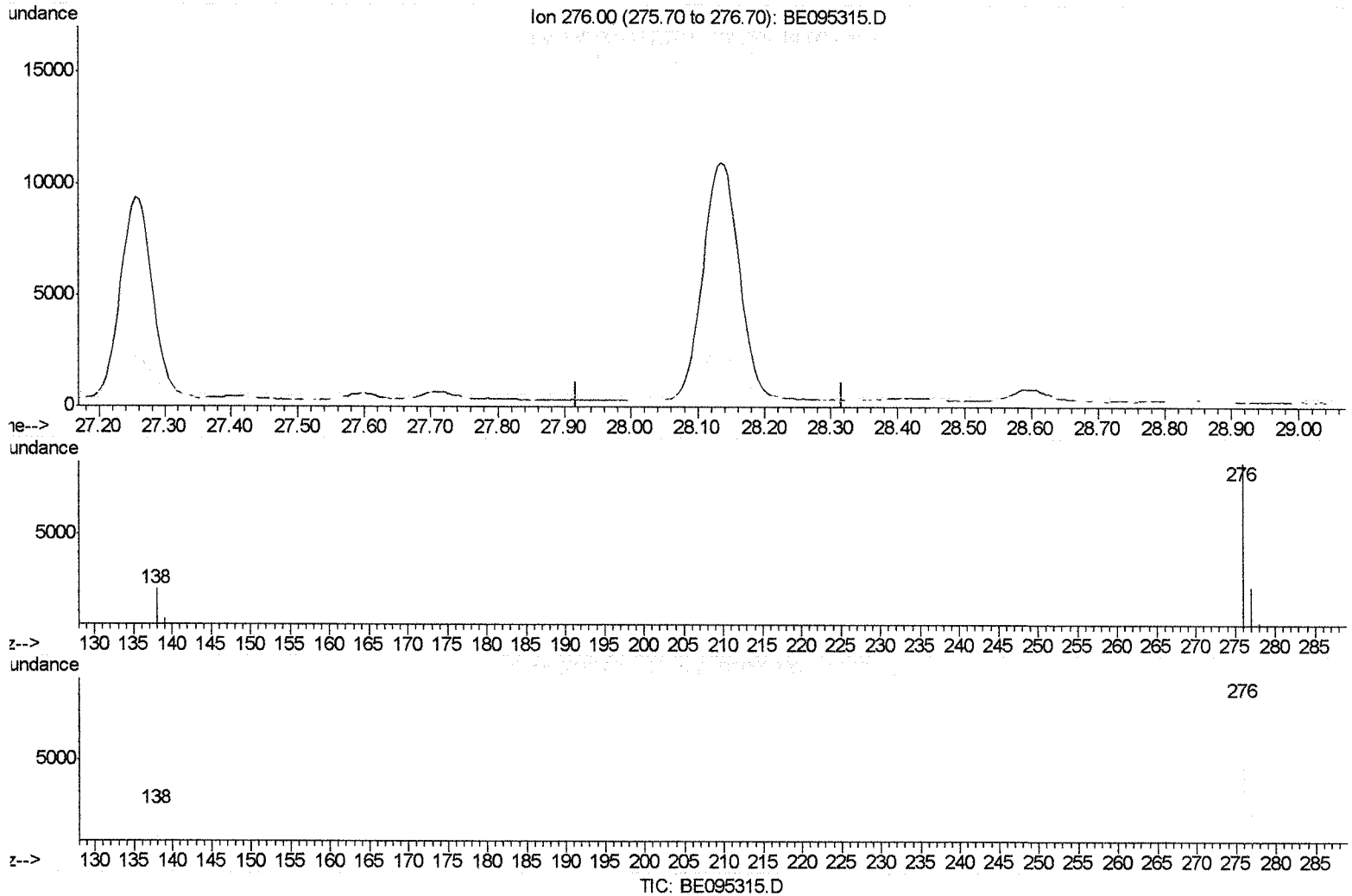
response 6629

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	44.05#
279.00	32.40	40.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 31 15:39:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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(26) Benzo(g,h,i)perylene

28.117min (-28.117) 0.00ng/ul

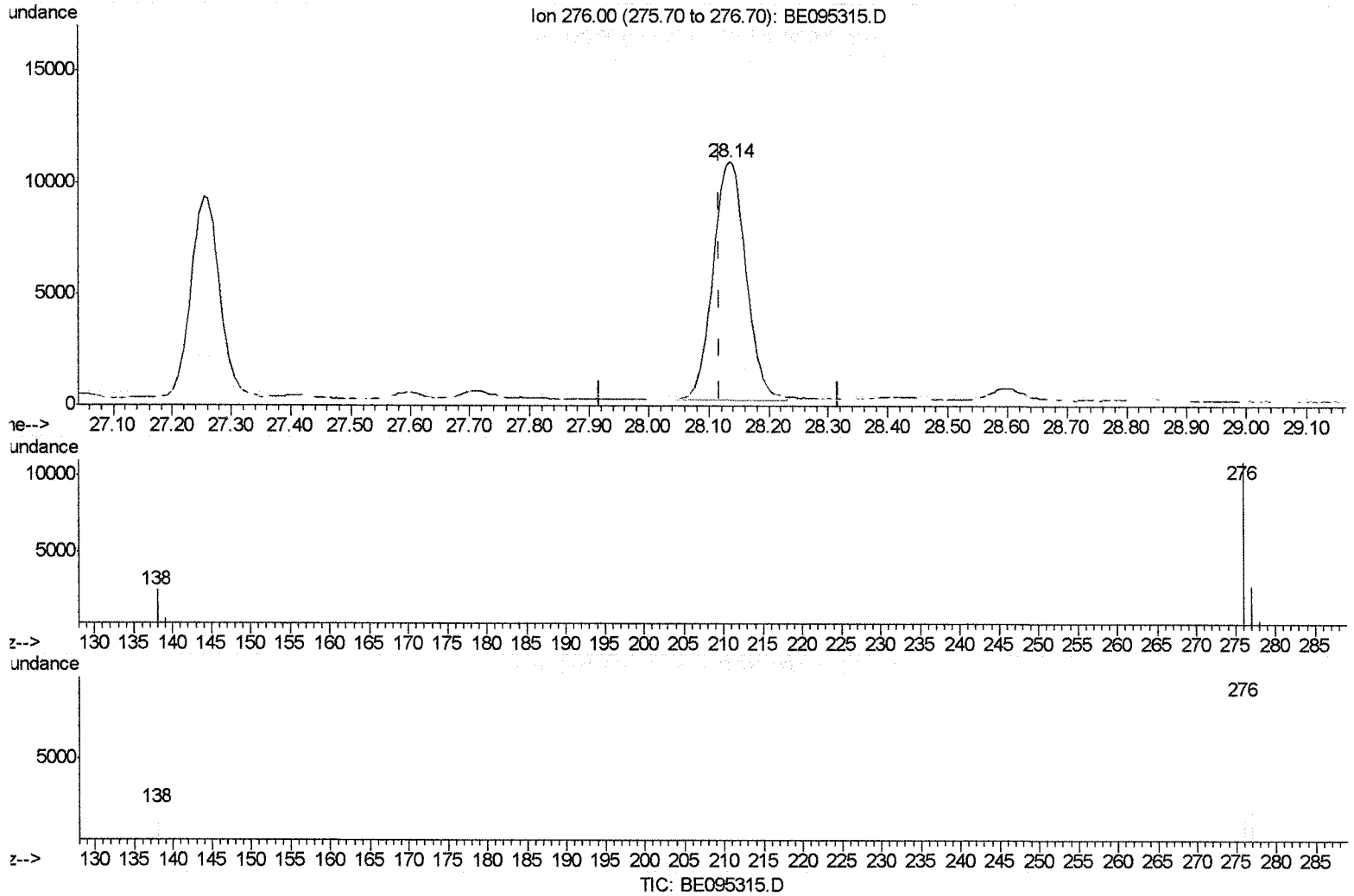
response 0

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 : BE095315.D
 Acq On : 31 Jan 2018 13:47
 Operator : SJ/JU
 Sample : J1244-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 31 15:39:42 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



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

28.135min (+0.018) 1.27ng/ul m > 50 211118

response 40856

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	22.73
277.00	25.60	25.94
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095315.D
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 Operator : SJ/JU
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 Disc :
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Quant Time: Jan 31 15:42:27 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3007	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	9771	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6140	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	12371	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	12110	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	11006m	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	4145	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	10356	0.22	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.31	128	6546	0.239	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	3383	0.185	ng/ul	99
7) Acenaphthylene	14.75	152	15084	0.510	ng/ul	98
8) Acenaphthene	15.08	153	4893	0.213	ng/ul	94
9) Fluorene	16.03	166	3377	0.143	ng/ul#	78
11) Pentachlorophenol	17.36	266	48591	20.279	ng/ul	97
12) Phenanthrene	17.75	178	40466	0.973	ng/ul#	88
13) Anthracene	17.85	178	20183	0.530	ng/ul#	92
15) Fluoranthene	19.72	202	161045	2.989	ng/ul	84
17) Pyrene	20.08	202	149054	3.668	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	49133	1.298	ng/ul#	88
19) Chrysene	21.84	228	37742	0.960	ng/ul	92
21) Benzo(b)fluoranthene	23.62	252	70066m	1.804	ng/ul	}
22) Benzo(k)fluoranthene	23.67	252	18262m	0.514	ng/ul	
23) Benzo(a)pyrene	24.33	252	28104m	0.811	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.26	276	30874m	0.812	ng/ul	
25) Dibenzo(a,h)anthracene	27.26	278	6629m	0.213	ng/ul	
26) Benzo(a,h,i)perylene	28.14	276	40856m	1.269	ng/ul	

SJ 2/1/18

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