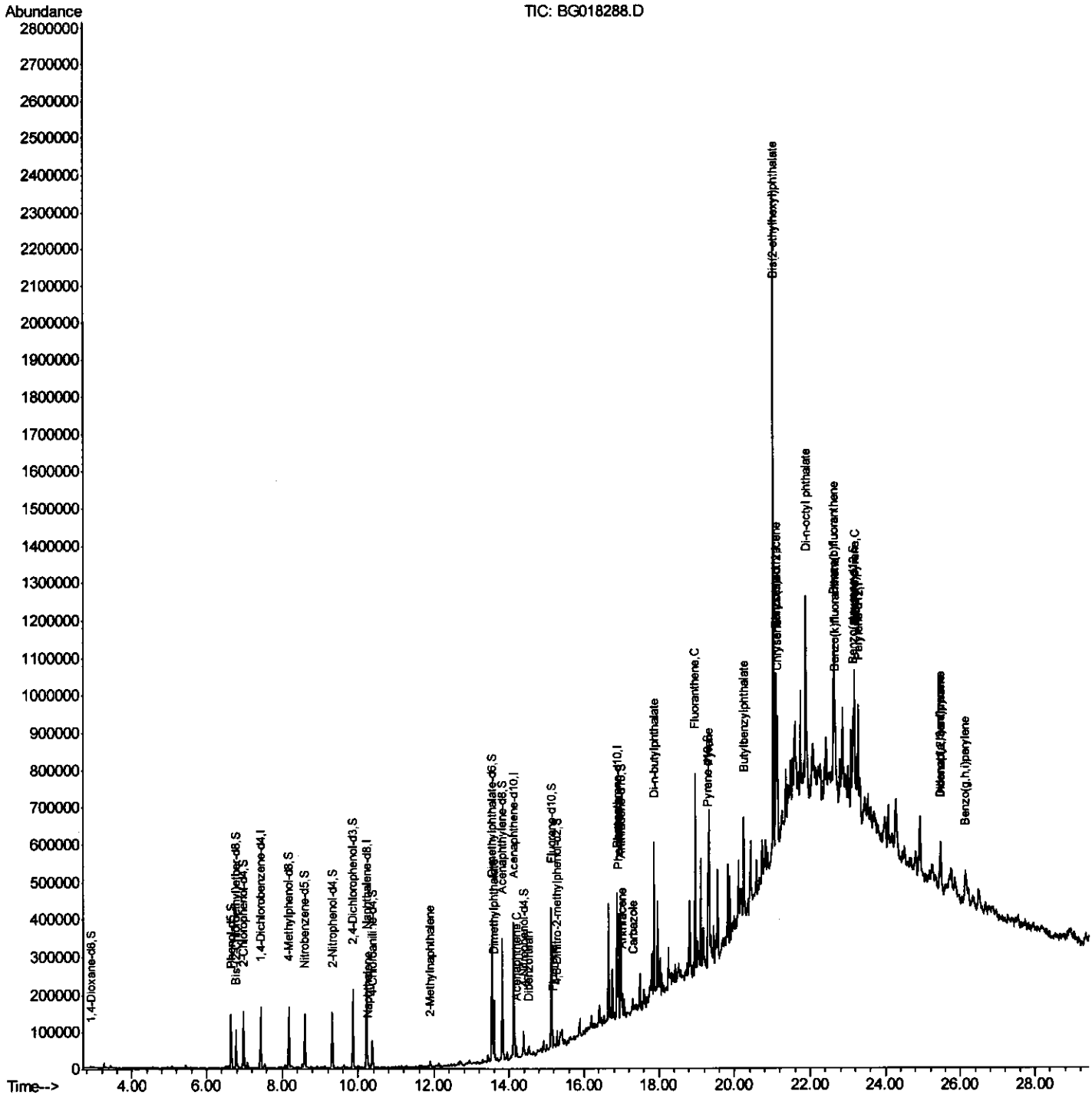
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

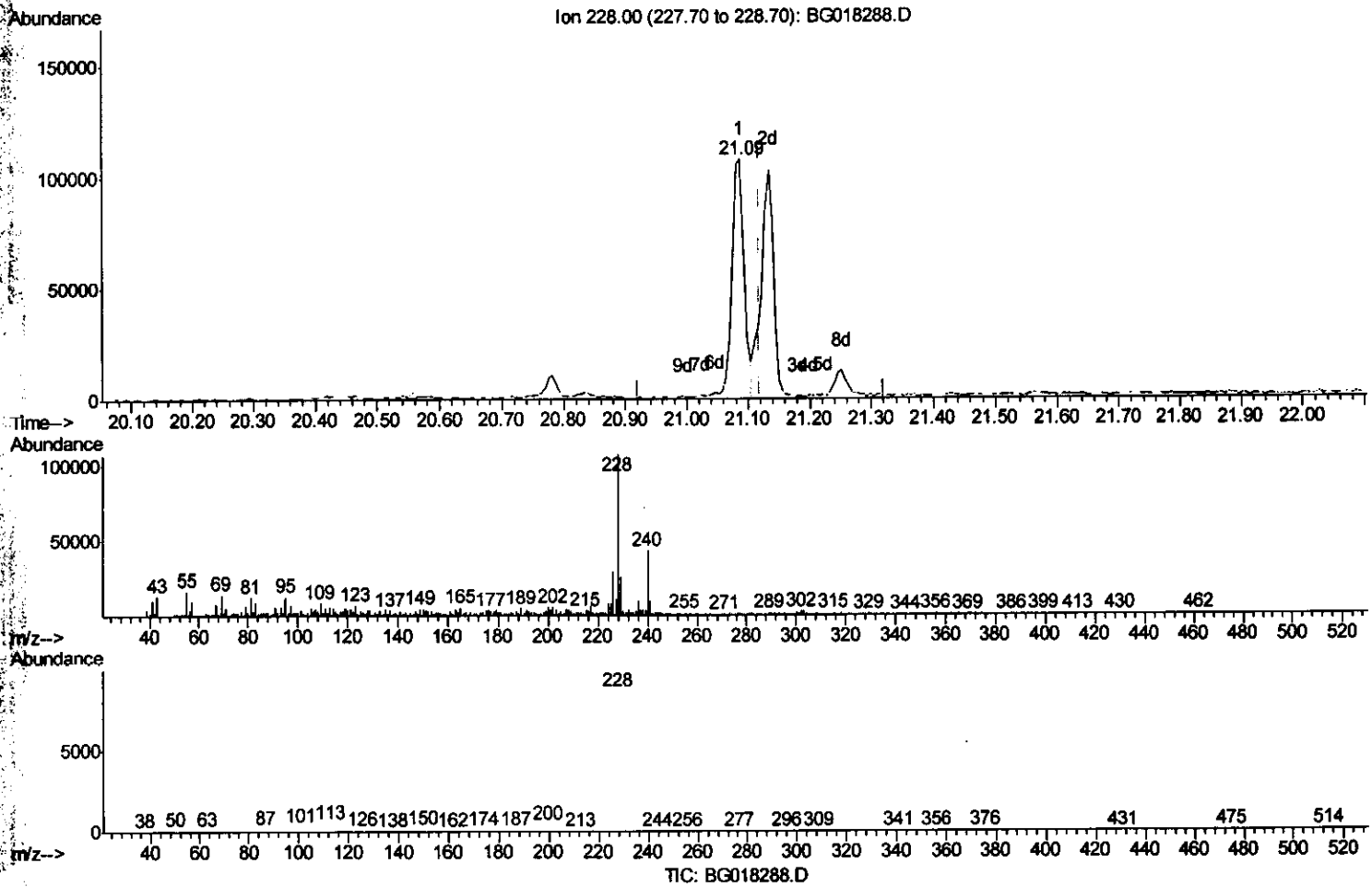
Quant Time: Aug 06 05:37:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 06 05:04:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



(85) Chrysene

21.087min (-0.033) 21.63ng/ul

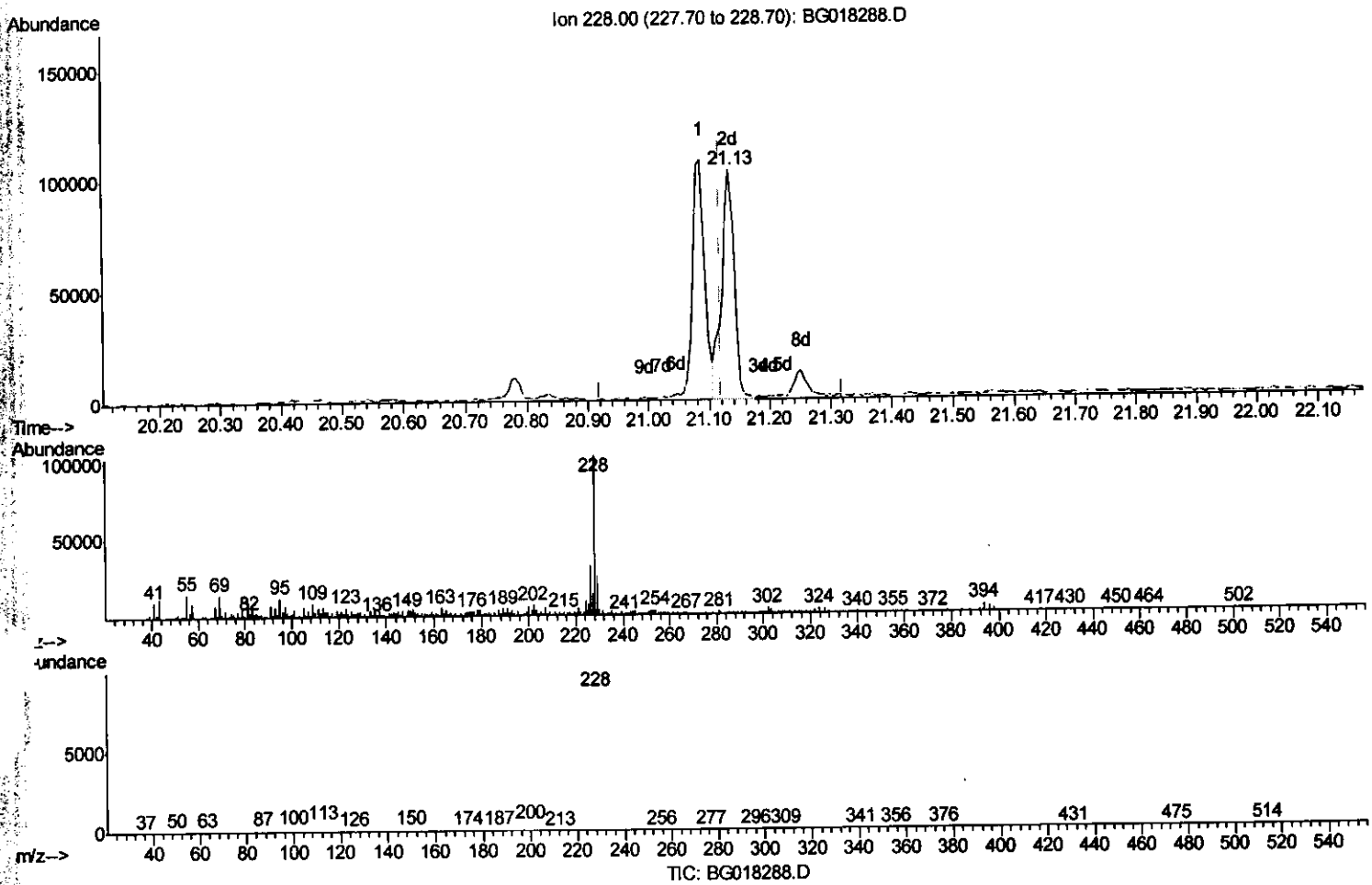
response 146936

Ion	Exp%	Act%
228.00	100	100
226.00	28.80	26.89
229.00	19.90	23.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 06 05:04:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



(85) Chrysene

21.134min (+0.014) 21.71ng/ul m

response 147479

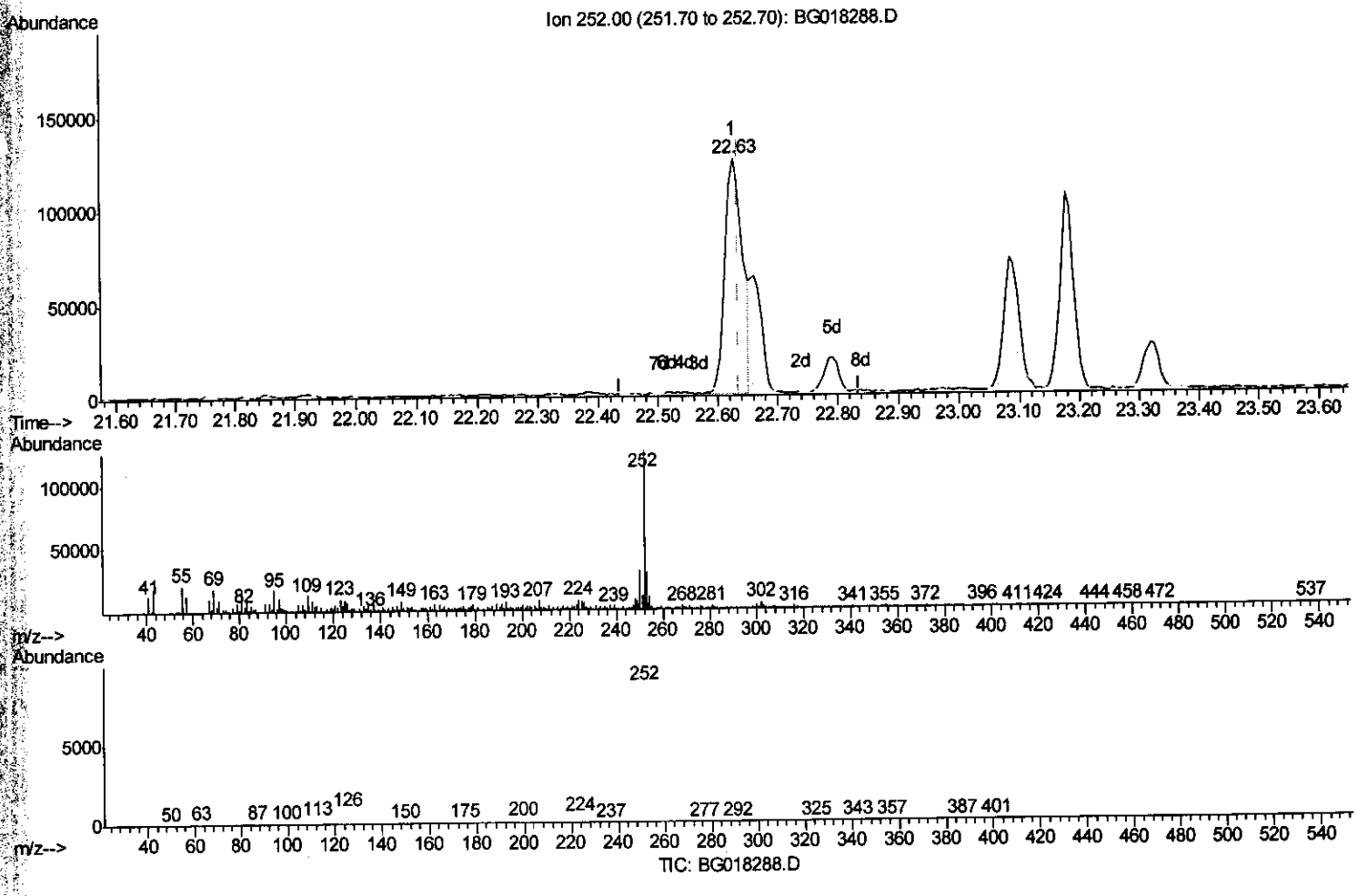
T. P 8/8/15

Ion	Exp%	Act%
228.00	100	100
226.00	28.80	31.01
229.00	19.90	24.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 06 05:04:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



TIC: BG018288.D

(89) Benzo(k)fluoranthene

22.626min (-0.009) 28.31ng/ul

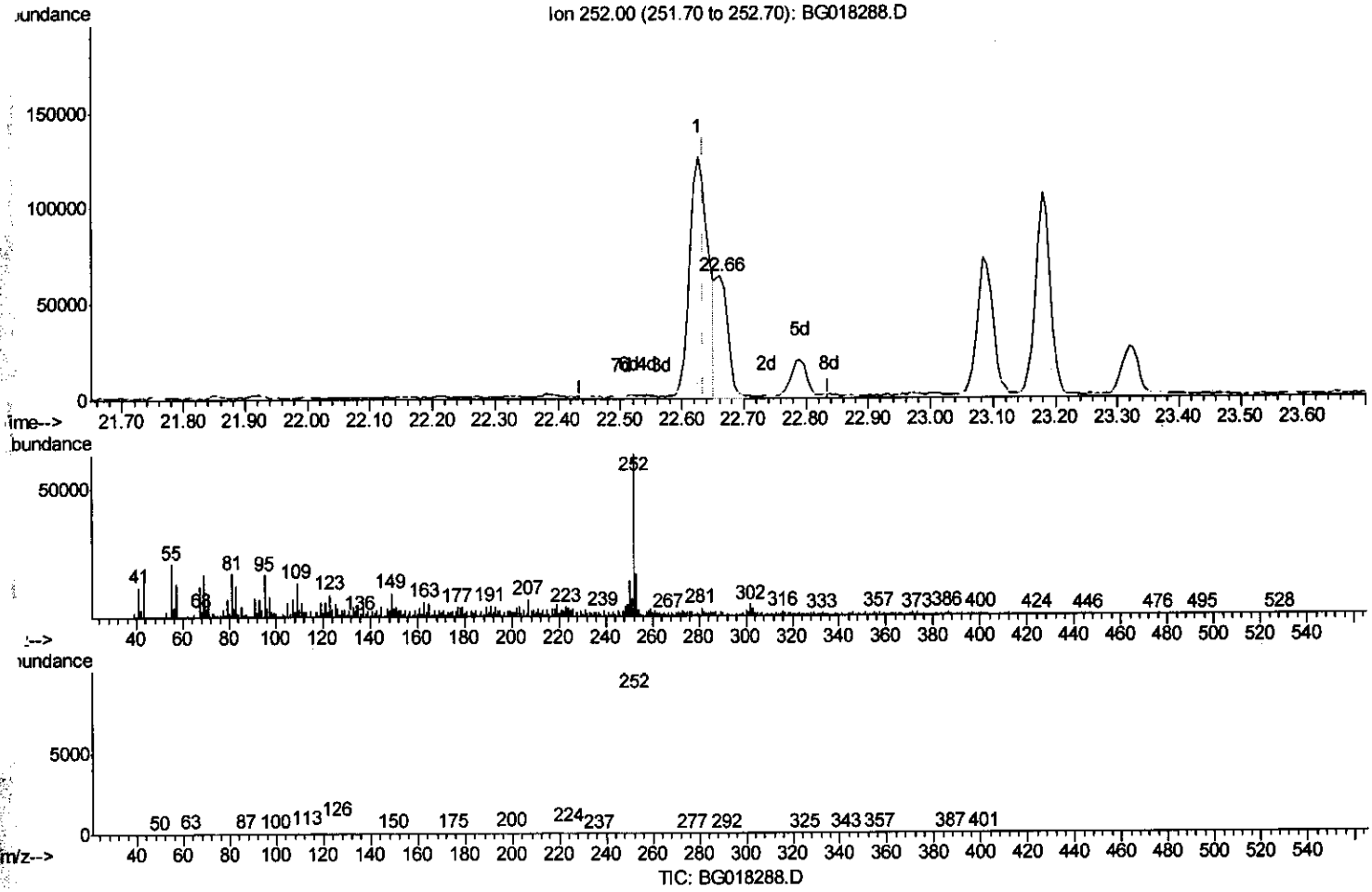
response 256157

Ion	Exp%	Act%
252.00	100	100
253.00	20.50	23.34
125.00	4.30	6.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 06 05:04:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



(89) Benzo(k)fluoranthene

22.661min (+0.026) 10.06ng/ul m

response 91029

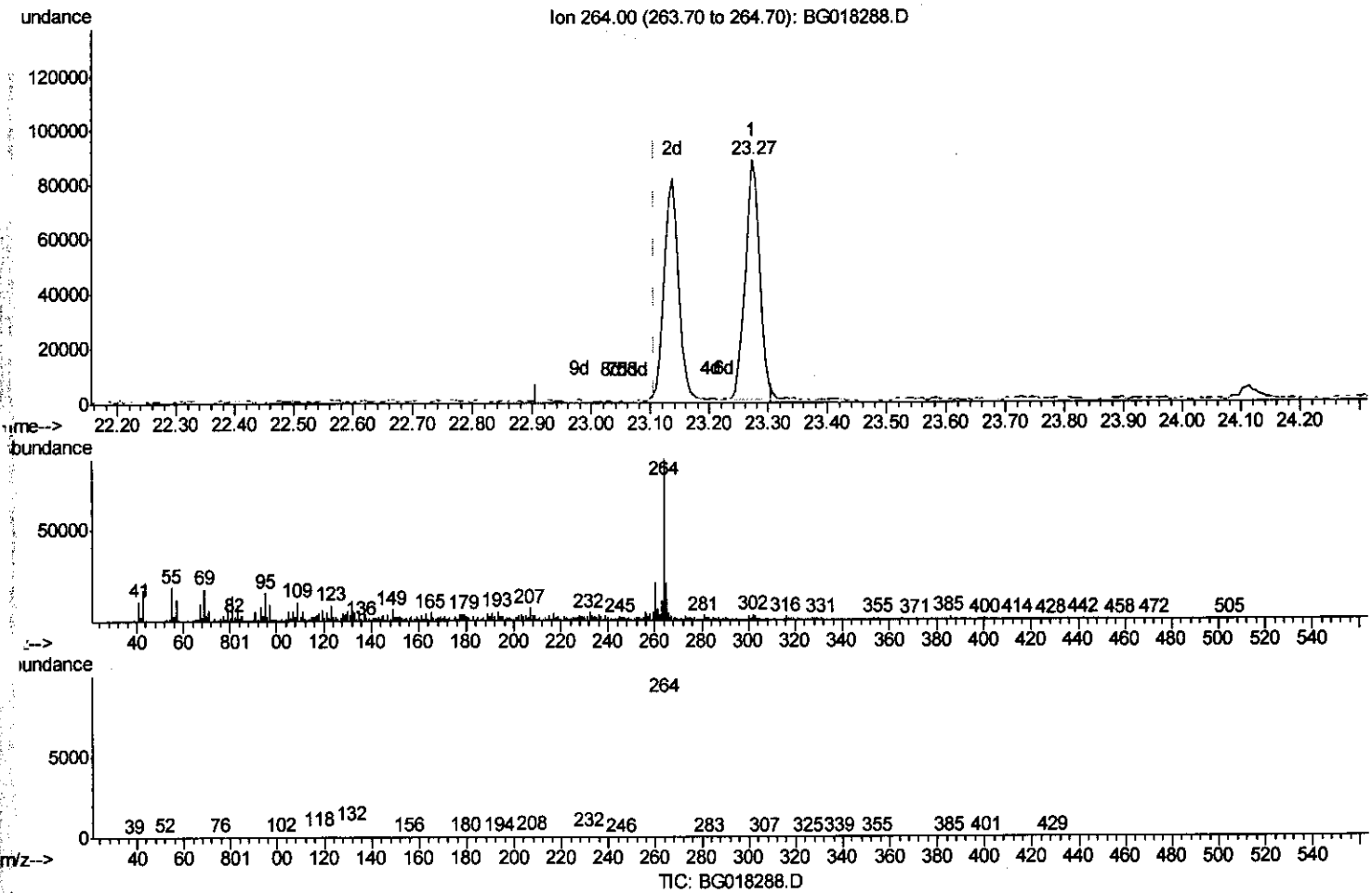
T.P 8/18/15

Ion	Exp%	Act%
252.00	100	100
253.00	20.50	26.37#
125.00	4.30	8.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 06 05:04:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



(90) Benzo(a)pyrene-d12 (S)

23.272min (+0.167) 19.08ng/ul

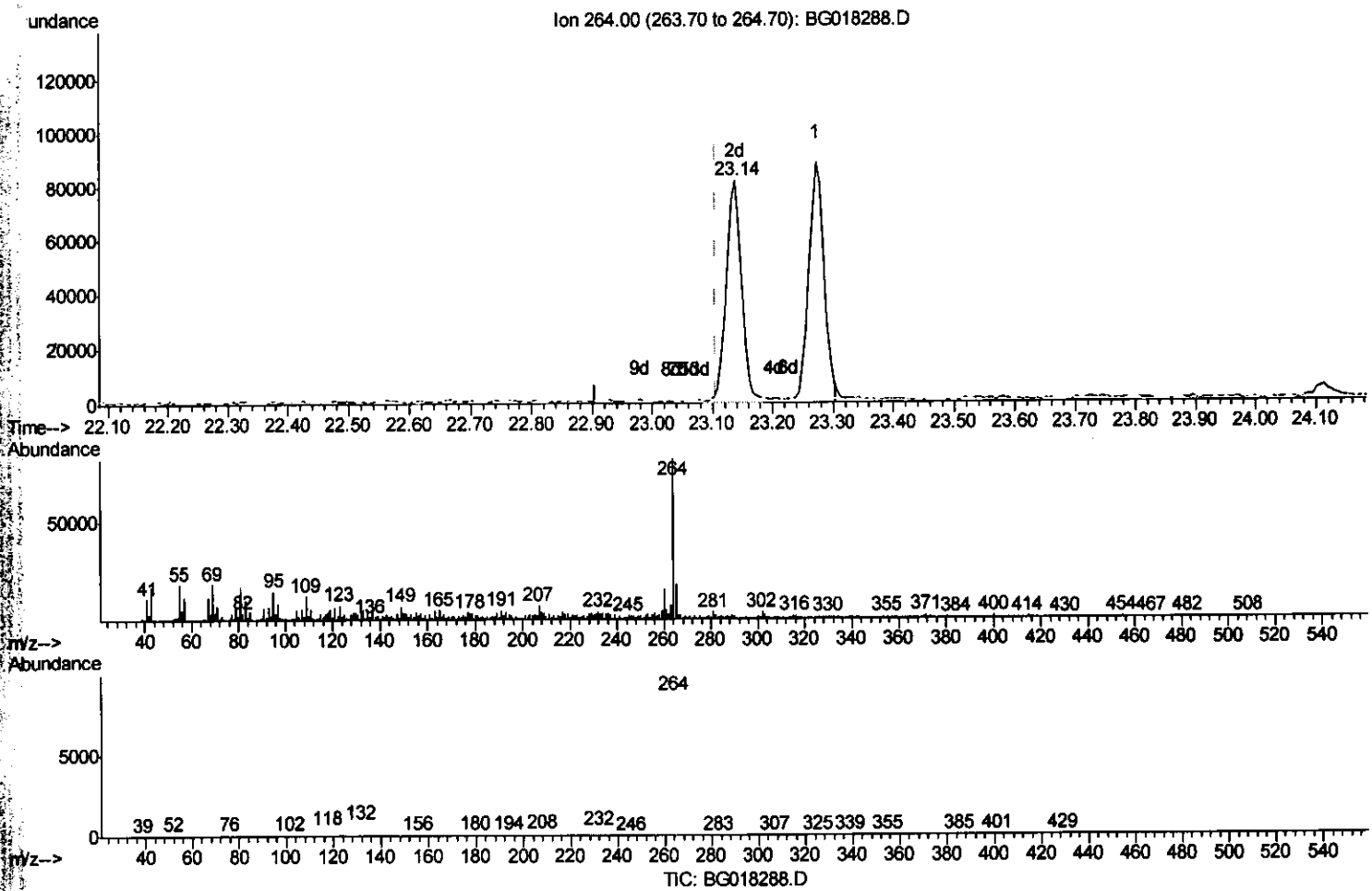
response 152754

Ion	Exp%	Act%
264.00	100	100
132.00	6.80	6.93
118.00	4.30	4.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 06 05:04:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration



(90) Benzo(a)pyrene-d12 (S)

23.137min (+0.032) 18.34ng/ul m

response 146824

T. P 8/8/15

Ion	Exp%	Act%
264.00	100	100
132.00	6.80	7.67
118.00	4.30	5.20#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 06 05:37:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	40174	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	188373	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	115870	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	188378	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	143264	20.00	ng/ul	0.01
86) Perylene-d12	23.27	264	153867	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	1501	3.22	ng/uL	0.00
5) Phenol-d5	6.64	99	71270	22.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	39124	25.62	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	61183	23.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	54031	20.26	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	32446	22.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	41603	24.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	67558	21.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	36872	9.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	214070	23.89	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	215323	21.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	15712	10.63	ng/ul	0.02
58) Fluorene-d10	15.12	176	146668	18.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	9163	7.03	ng/ul	0.01
71) Anthracene-d10	16.98	188	153834	18.56	ng/ul	0.00
79) Pyrene-d10	19.30	212	106370	13.27	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.14	264	146824m	18.34	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.27	128	10909	1.23	ng/ul#	97
34) 2-Methylnaphthalene	11.90	142	7214	1.02	ng/ul	85
45) Dimethylphthalate	13.58	163	88638	9.91	ng/ul	97
50) Acenaphthene	14.18	153	12295	1.82	ng/ul	97
54) Dibenzofuran	14.52	168	10630	1.07	ng/ul	99
59) Fluorene	15.18	166	12070	1.38	ng/ul	97
70) Phenanthrene	16.93	178	159001	16.72	ng/ul	99
72) Anthracene	17.02	178	39728	4.19	ng/ul	97
75) Carbazole	17.30	167	14351	1.79	ng/ul#	85
76) Di-n-butylphthalate	17.87	149	275334	24.52	ng/ul	99
77) Fluoranthene	18.96	202	270711	25.67	ng/ul#	93
80) Pyrene	19.32	202	225298	22.62	ng/ul#	95
81) Butylbenzylphthalate	20.24	149	55761	14.43	ng/ul	99
83) Benzo(a)anthracene	21.09	228	142058	18.79	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.02	149	587913	126.45	ng/ul	98
85) Chrysene	21.13	228	147479m	21.71	ng/ul	
87) Di-n-octyl phthalate	21.89	149	199435	19.67	ng/ul	100
88) Benzo(b)fluoranthene	22.63	252	256157	27.14	ng/ul#	97
89) Benzo(k)fluoranthene	22.66	252	91029m	10.06	ng/ul	
91) Benzo(a)pyrene	23.18	252	169229	20.54	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.46	276	118775	11.65	ng/ul	97
93) Dibenzo(a,h)anthracene	25.47	278	34464	3.85	ng/ul#	82
94) Benzo(g,h,i)perylene	26.13	276	101393	12.26	ng/ul#	90

T.P 8/8/15

T.P 8/8/15

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018288.D
Acq On : 6 Aug 2015 1:32
Operator : UM/TP
Sample : G3109-14RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 06 05:37:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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