

(QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012725.D
Acq On : 05 Nov 2017 01:55
Operator : SJ/JU
Sample : I5825-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

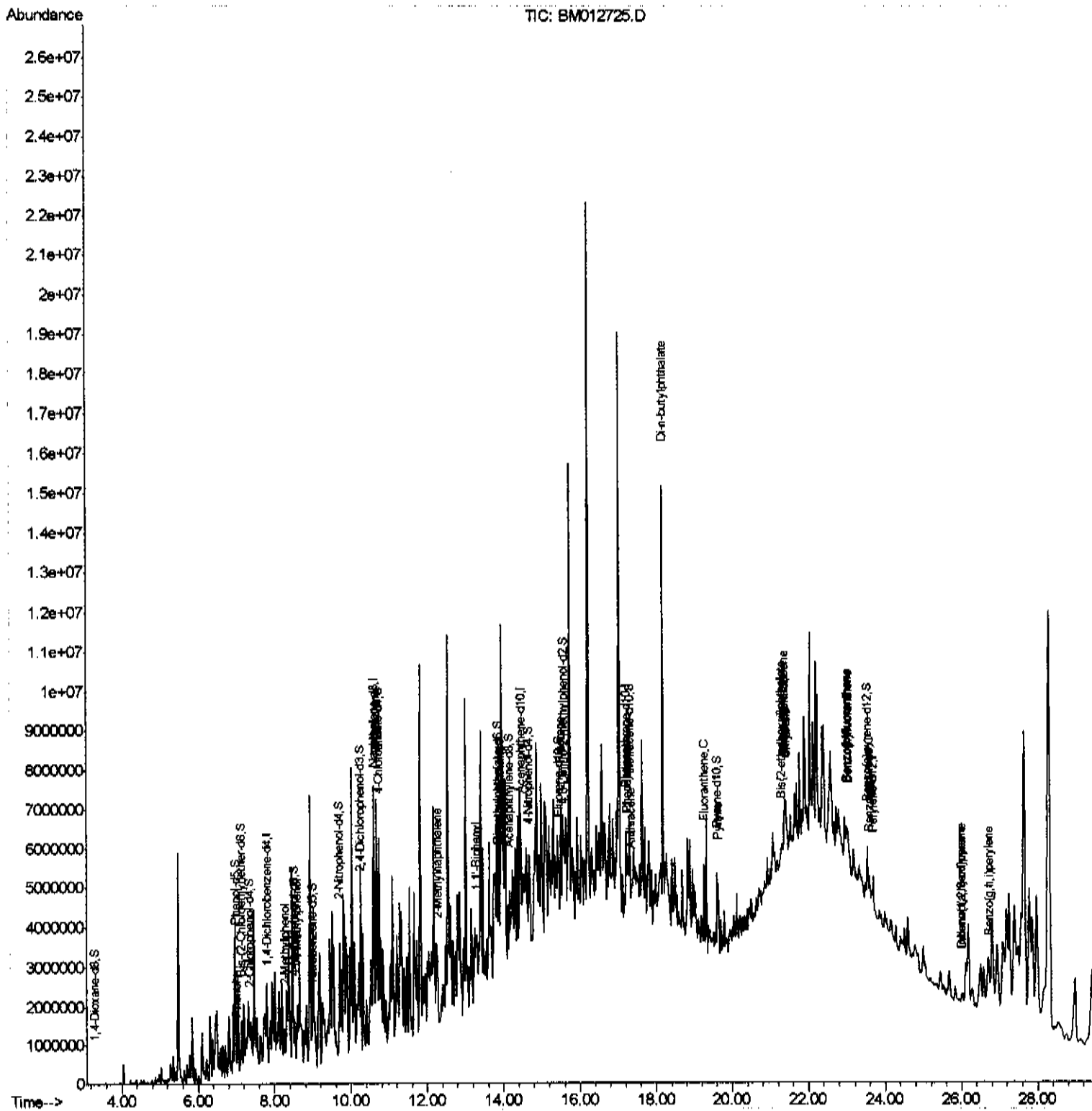
Instrument :
BNA_M

ClientSampleId :
B-67(2.5-3.8)-101017

Manual Integrations

Sohil
11/6/2017 4:23:57 PM

Quant Time: Nov 06 03:40:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

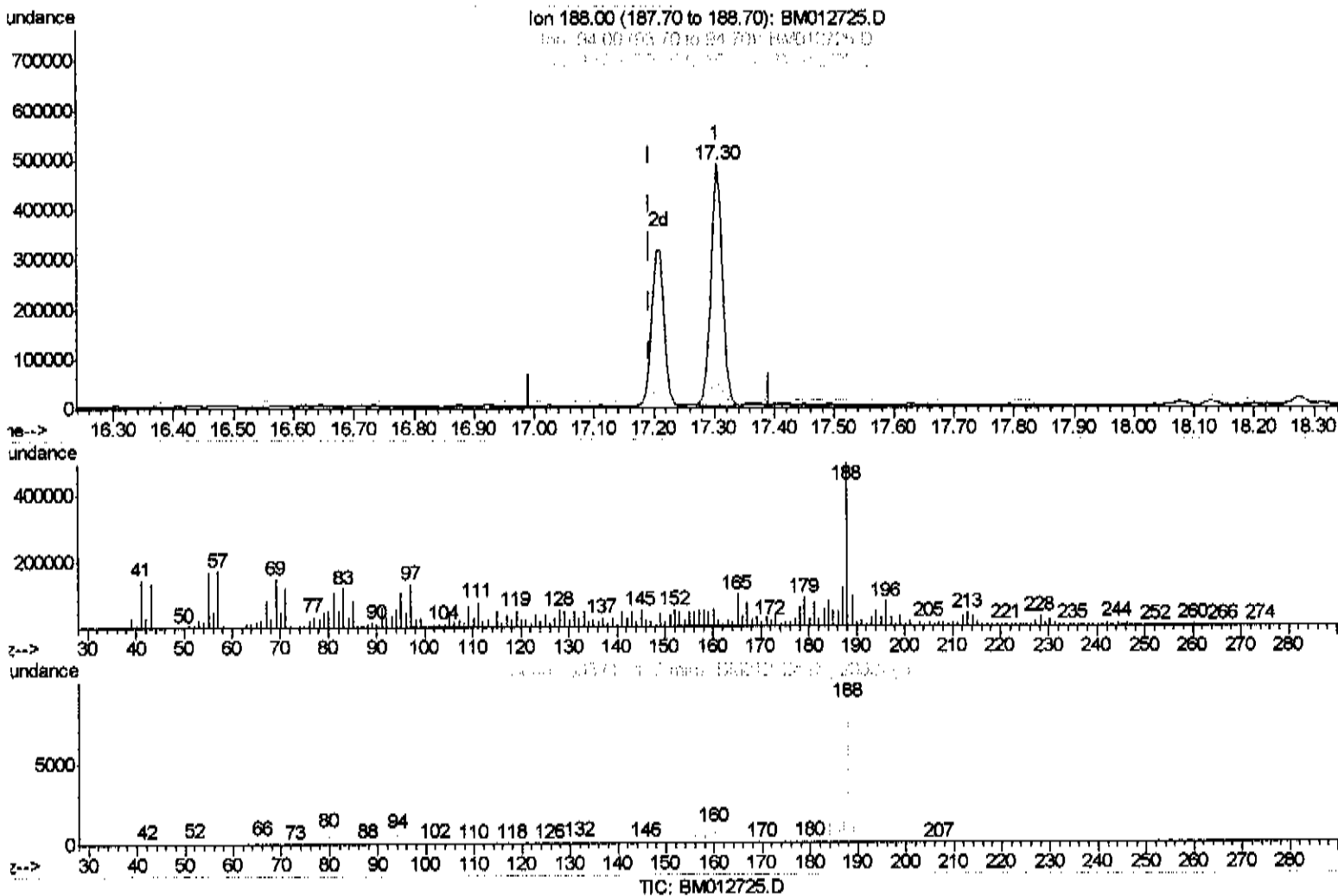
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Quant Time: Nov 06 03:25:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
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(61) Phenanthrene-d10 (I)

17.304min (+0.112) 20.00ng/ul

response 659602

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	10.79
80.00	9.70	10.02
0.00	0.00	0.00

Quantitation Report (Qedit)

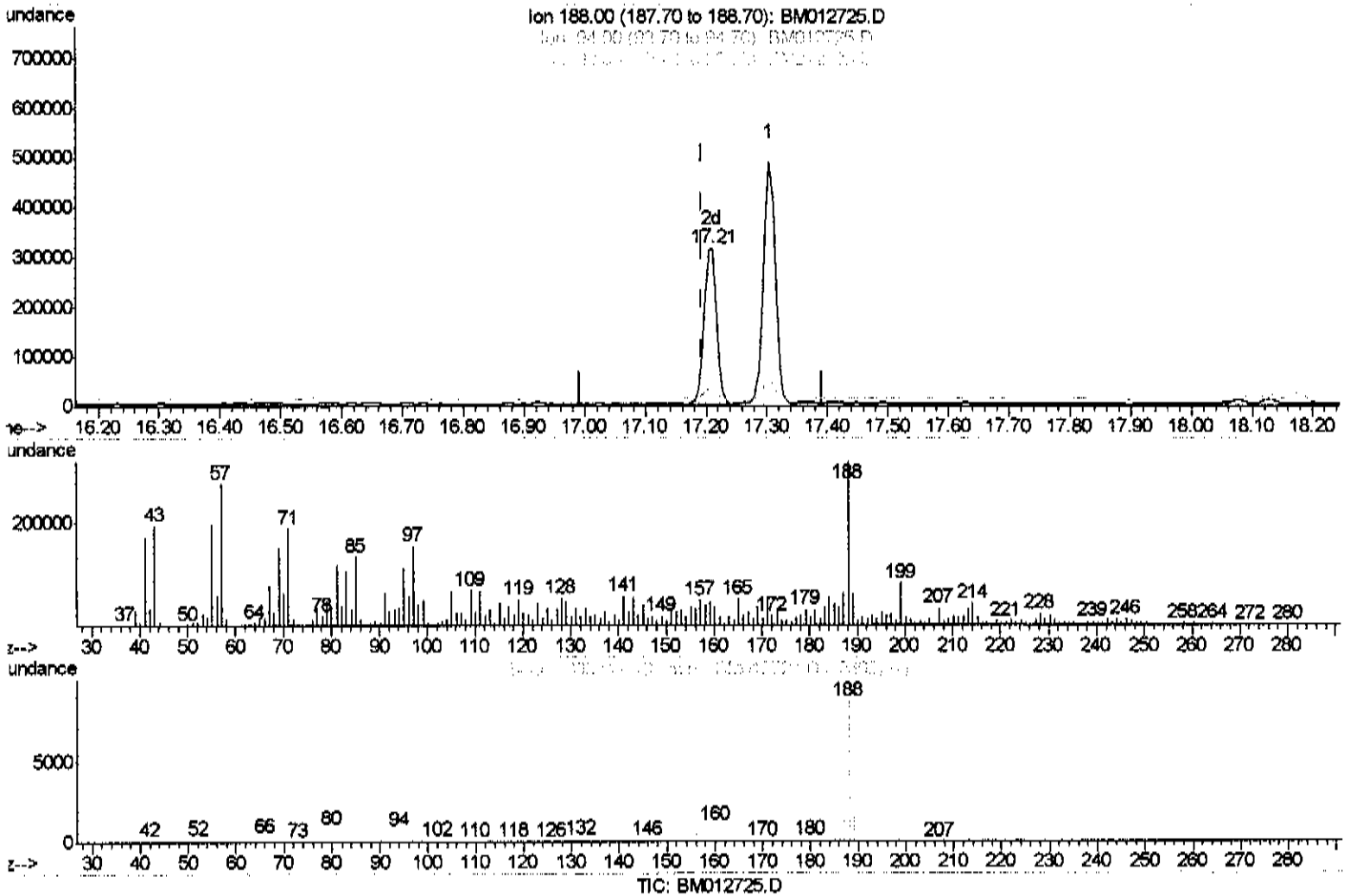
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(61) Phenanthrene-d10 (I)

17.210min (+0.018) 20.00ng/ul m

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response 452861

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	11.23#
80.00	9.70	11.50
0.00	0.00	0.00

Quantitation Report (Qedit)

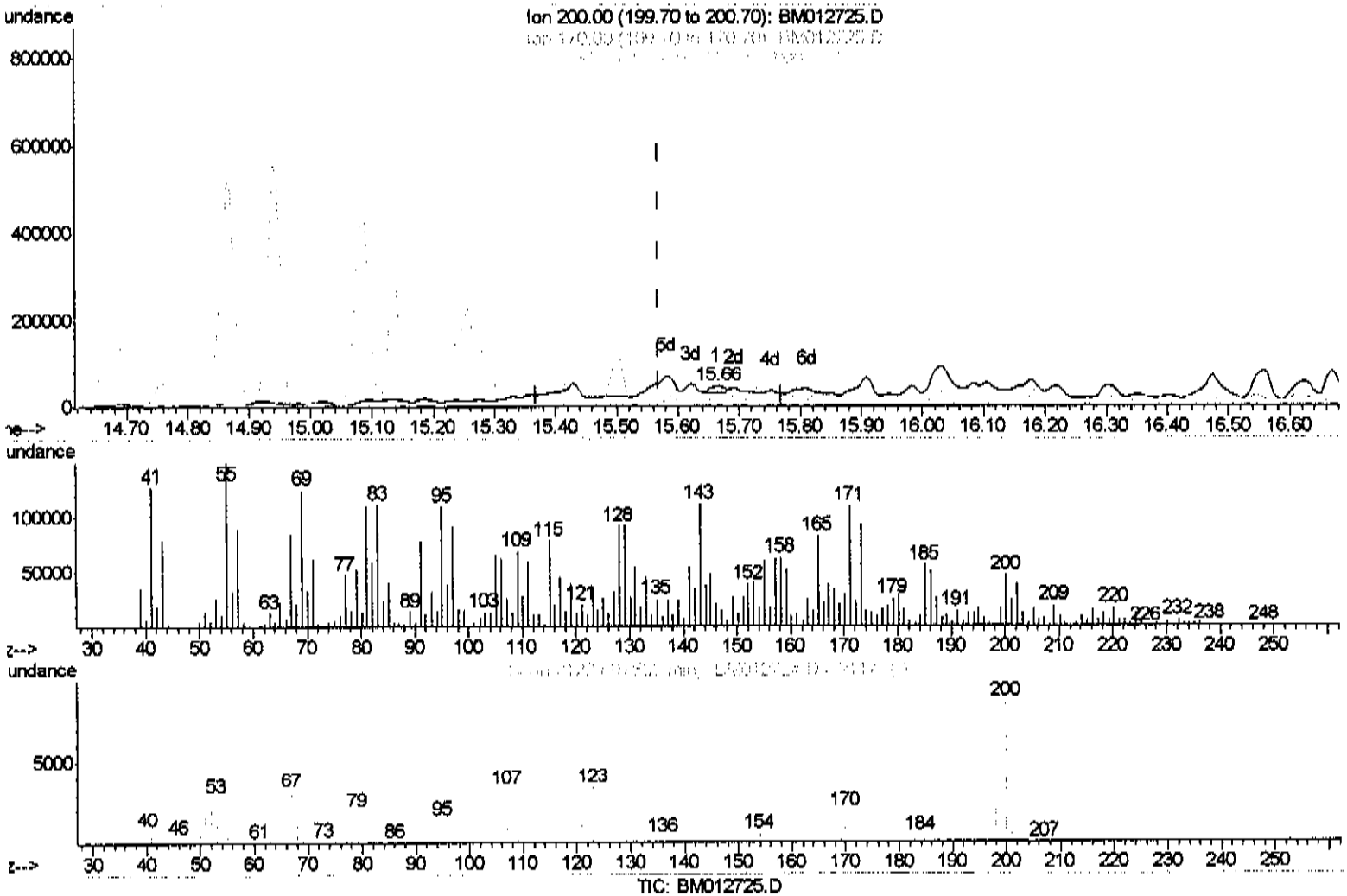
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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.663min (+0.094) 8.89ng/ul

response 26592

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	64.10#
52.00	33.60	11.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

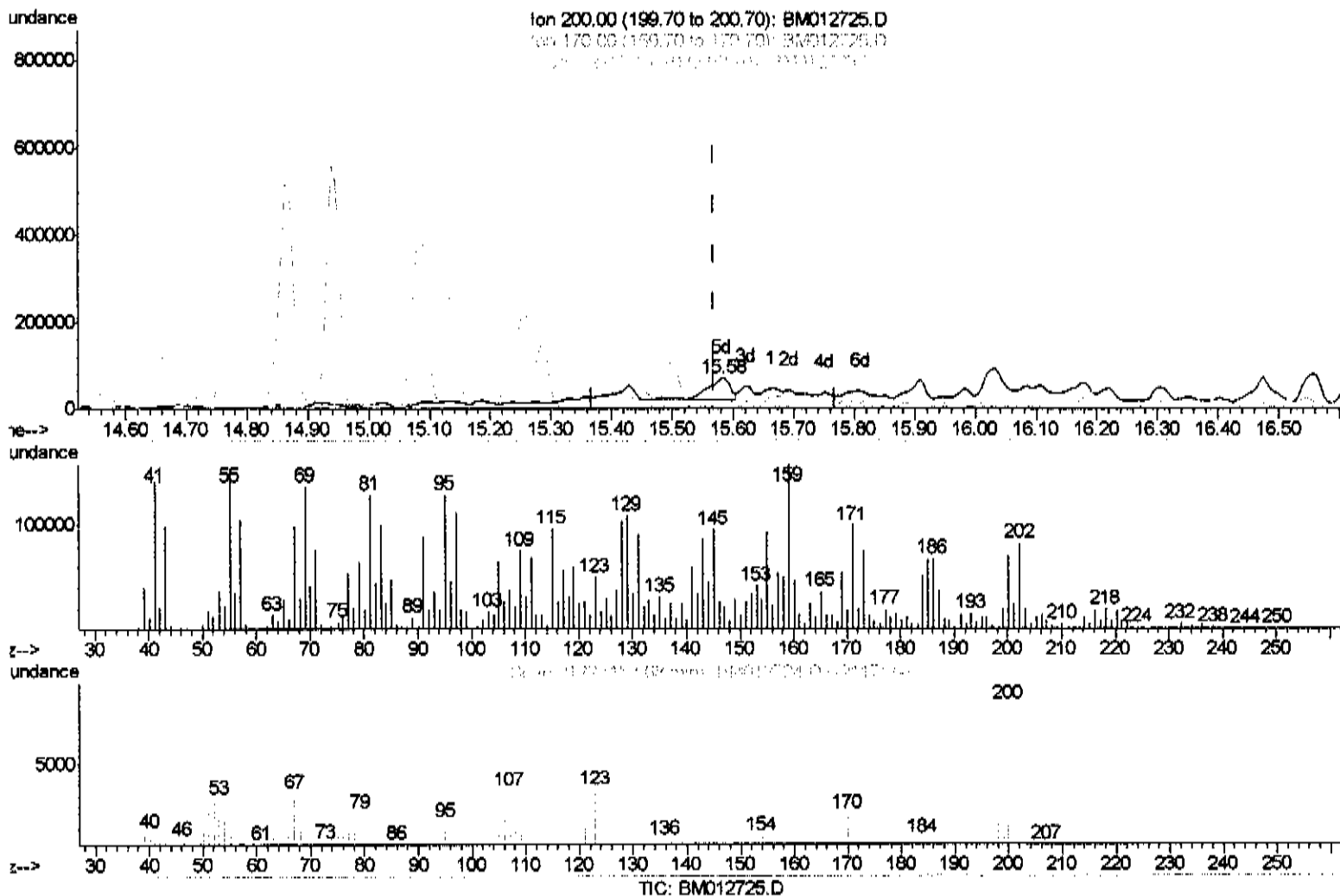
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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.580min (+0.012) 43.29ng/ul m

response 129443

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	26.09
52.00	33.60	19.59#
0.00	0.00	0.00

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Quantitation Report (Qedit)

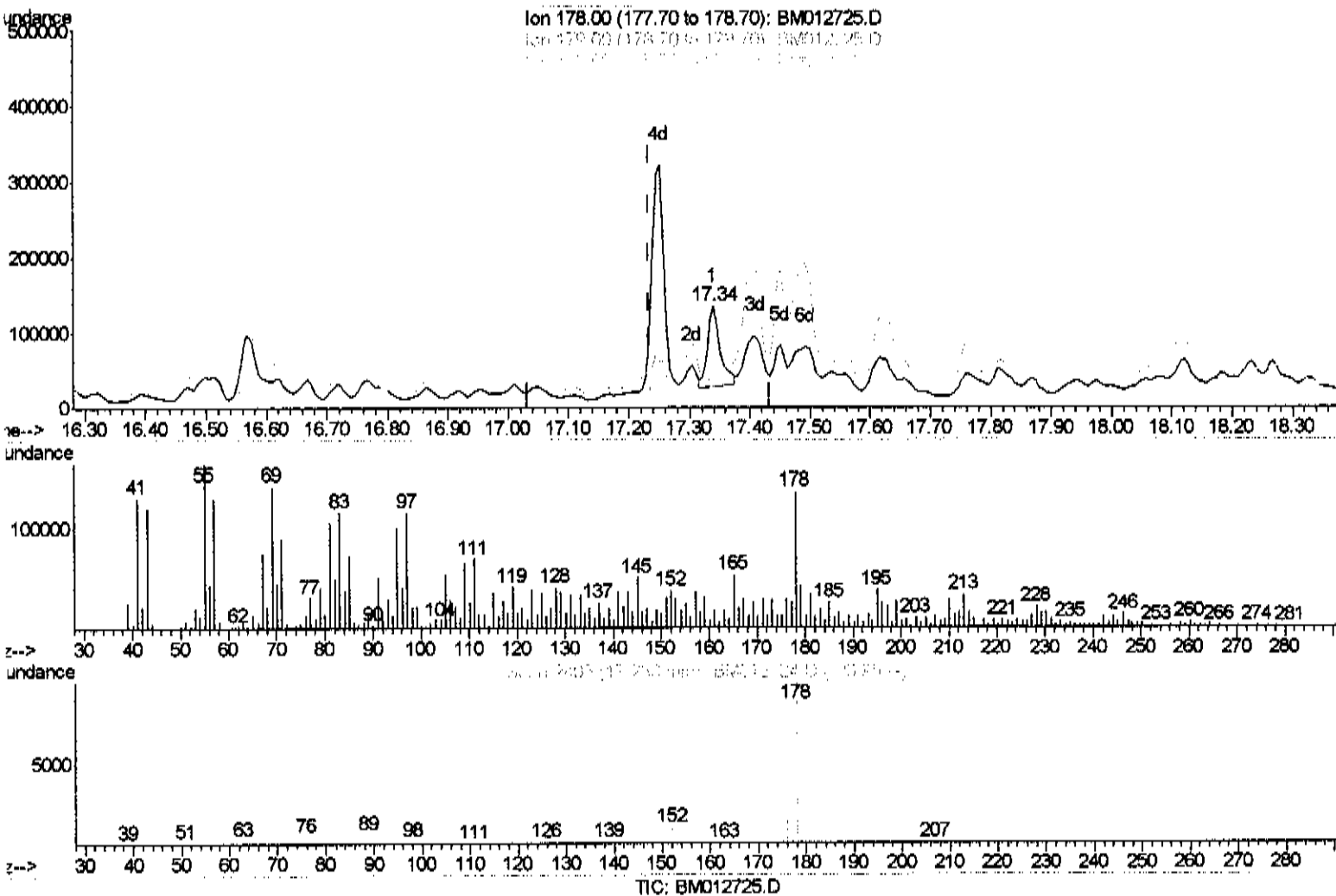
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(69) Phenanthrene

17.339min (+0.106) 6.48ng/ul

response 160376

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	30.33#
176.00	19.50	21.26
0.00	0.00	0.00

Quantitation Report (Qedit)

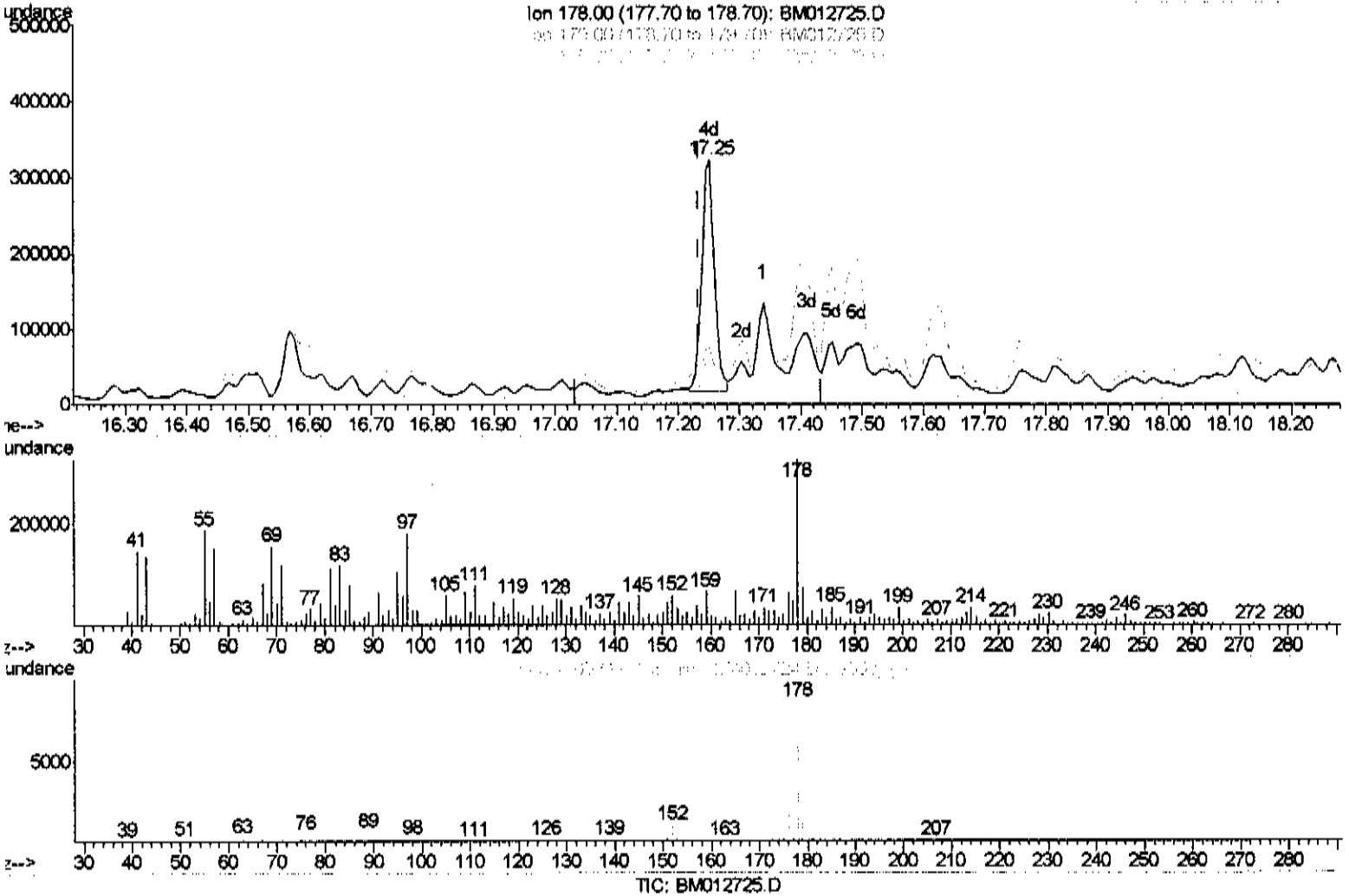
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(69) Phenanthrene

17.251min (+0.018) 17.63ng/ul m

response 436331

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	23.49%
176.00	19.50	20.10
0.00	0.00	0.00

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Quantitation Report (Qedit)

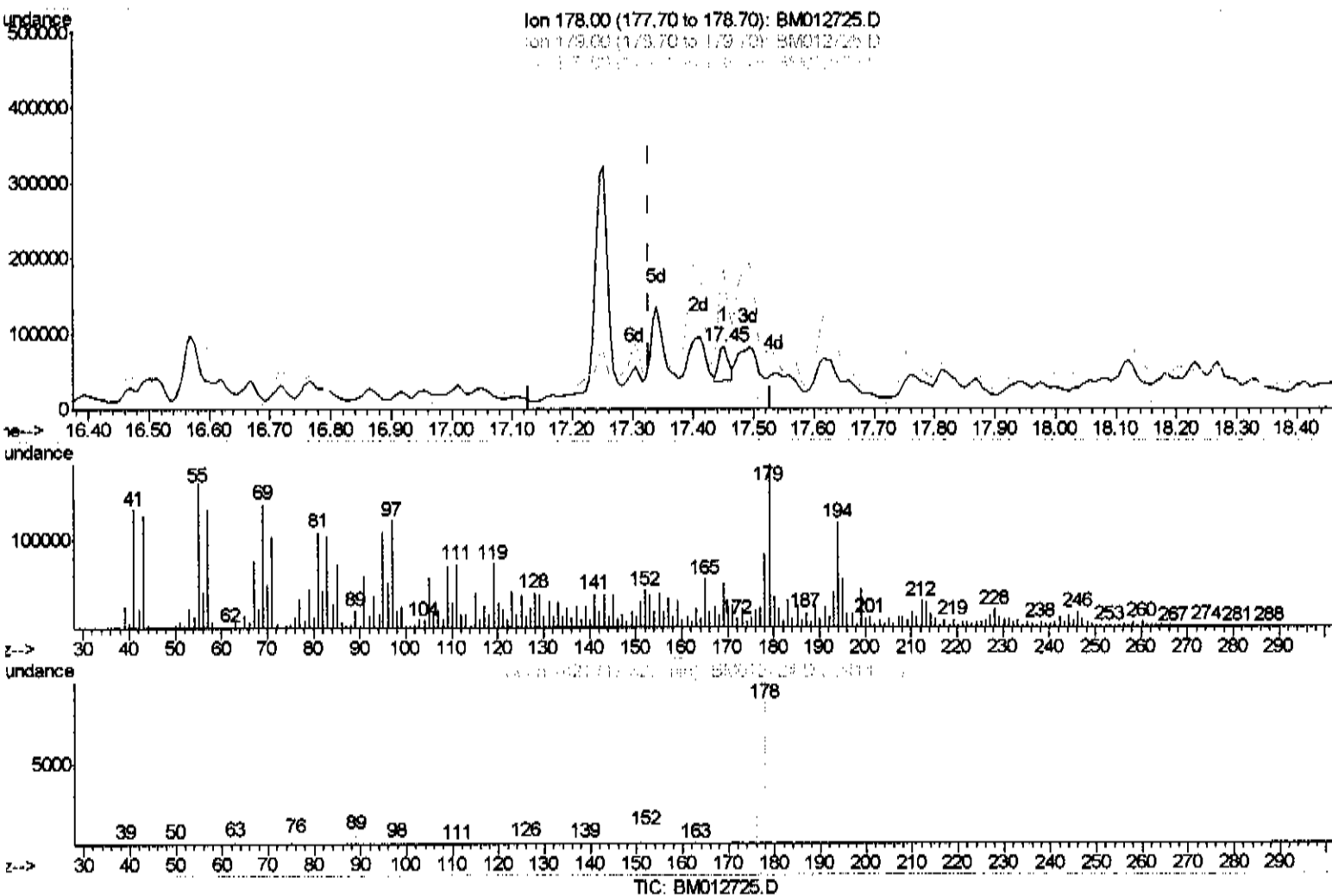
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(71) Anthracene

17.451min (+0.124) 2.04ng/ul

response 52259

Ion	Exp%	Act%
178.00	100	100
179.00	15.10	222.20#
176.00	18.50	23.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

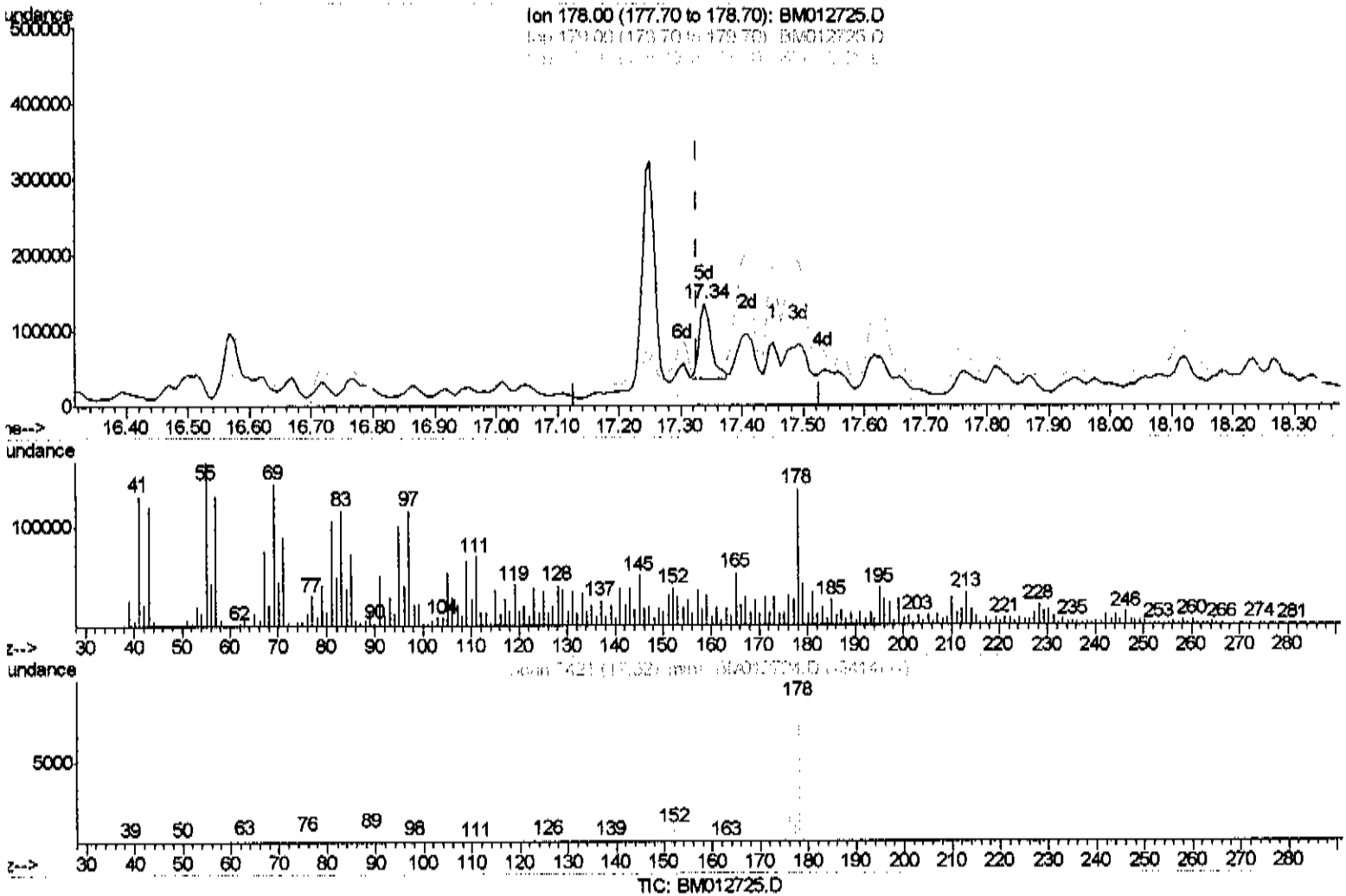
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(71) Anthracene

17.339min (+0.012) 5.34ng/ul m

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response 137120

Ion	Exp%	Act%
178.00	100	100
179.00	15.10	30.33#
176.00	18.50	21.26
0.00	0.00	0.00

Quantitation Report (Qedit)

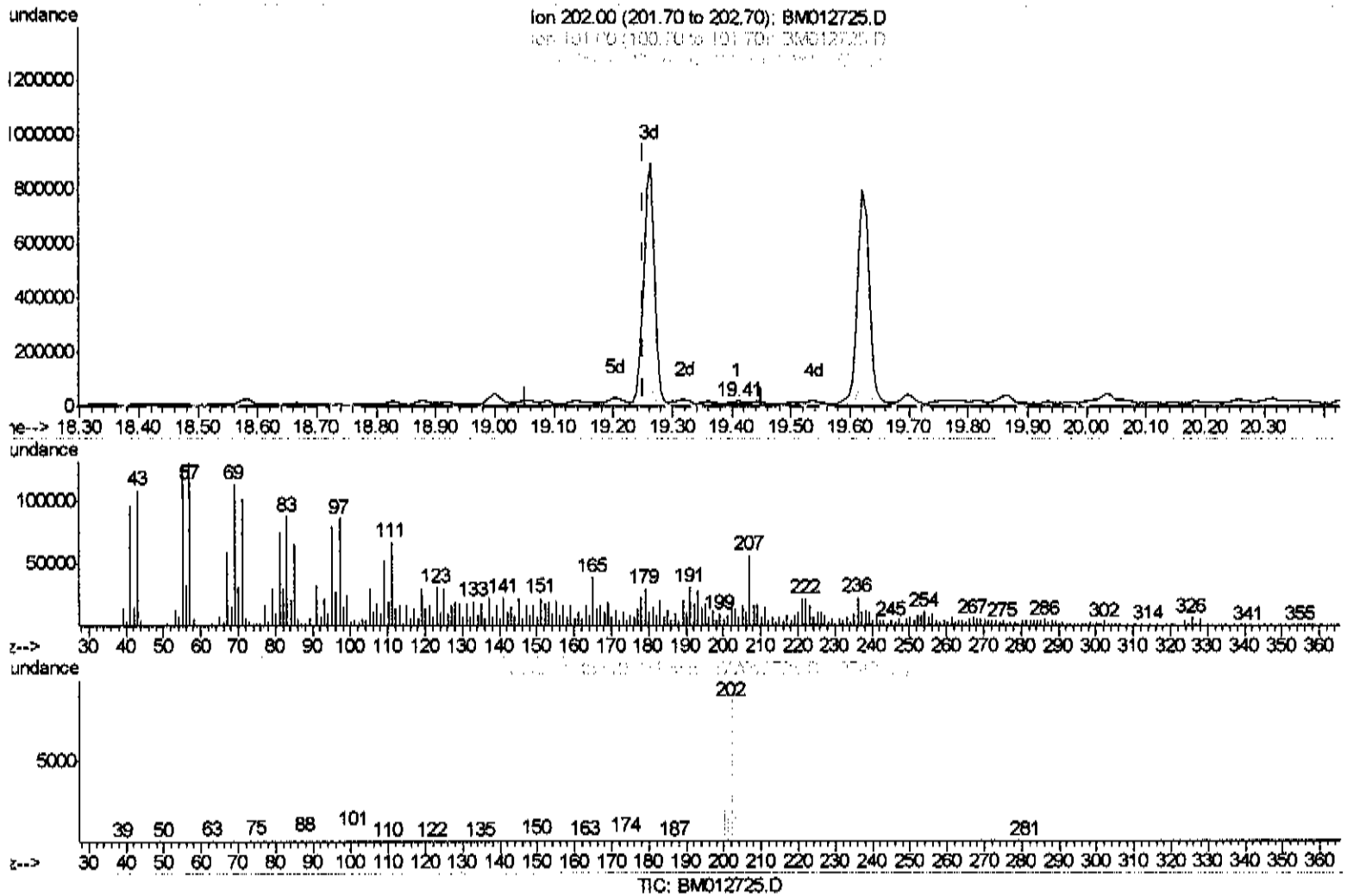
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(76) Fluoranthene (C)

19.409min (+0.159) 0.45ng/ul

response 13271

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	23.37#
100.00	8.20	18.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

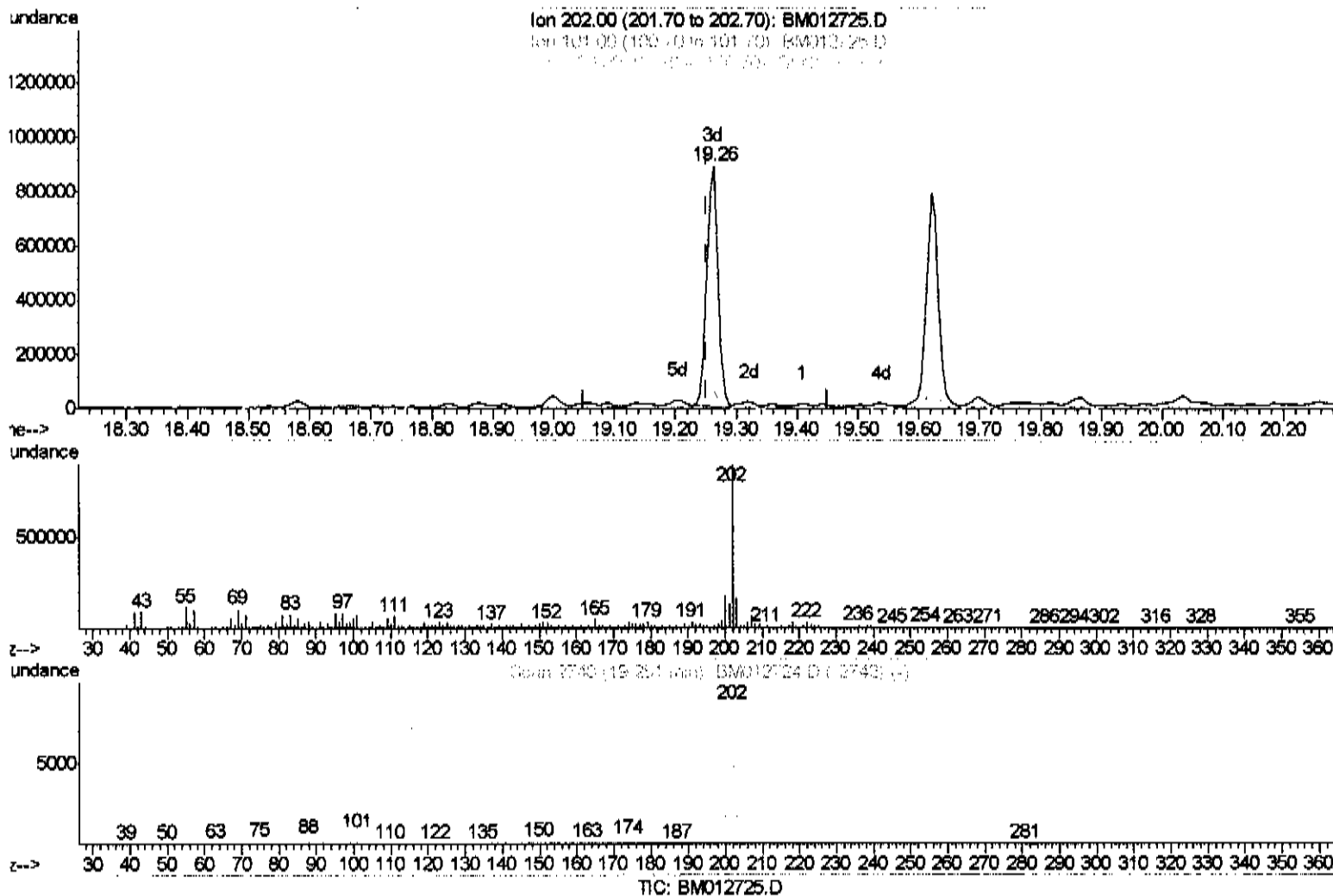
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 Sample : I5825-01
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(76) Fluoranthene (C)

19.262min (+0.012) 38.31ng/ul m

response 1139600

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	8.08#
100.00	8.20	6.21#
0.00	0.00	0.00

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Quantitation Report (Qedit)

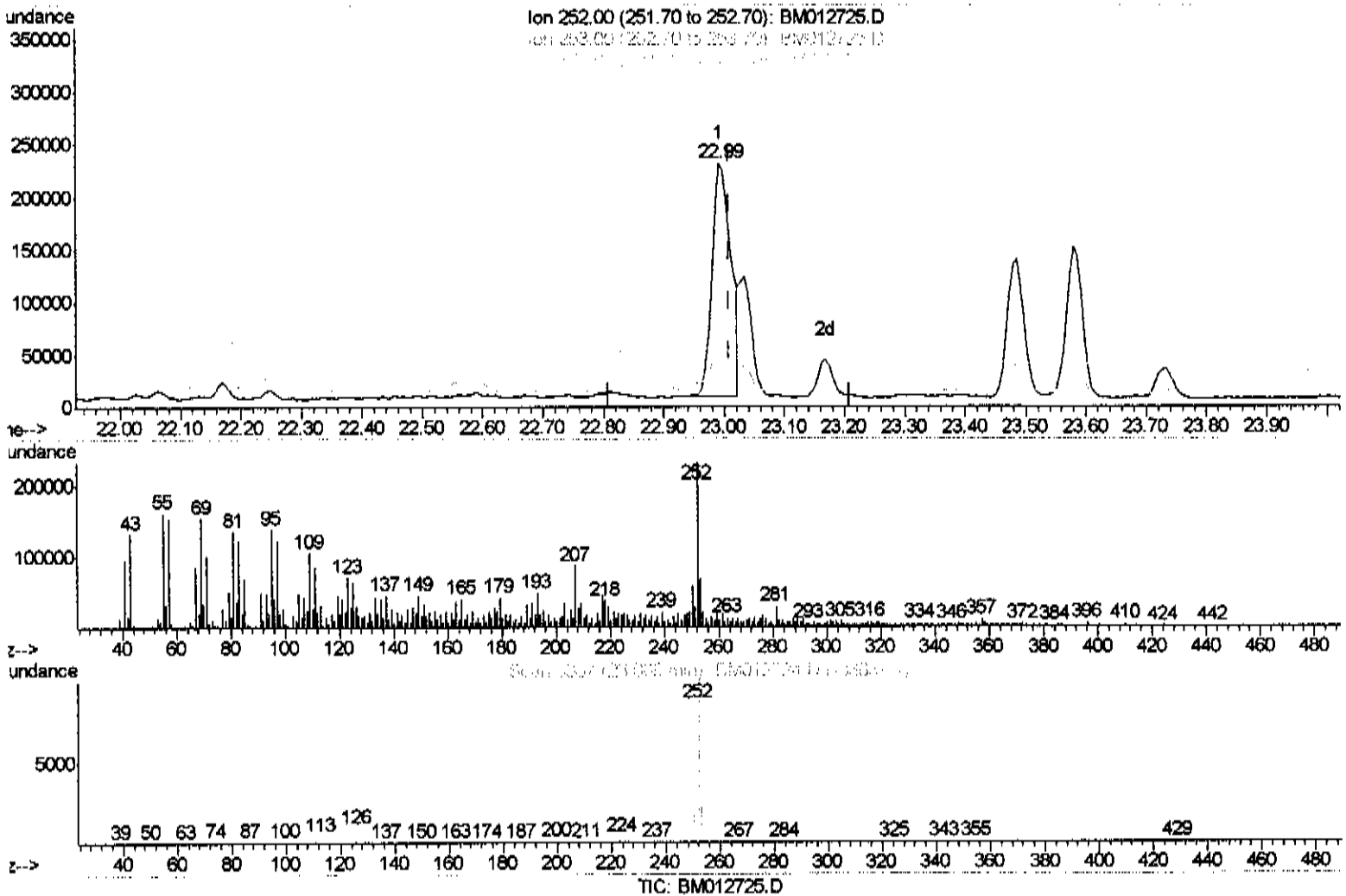
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(88) Benzo(k)fluoranthene

22.992min (-0.018) 14.02ng/ul

response 493414

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	29.39#
125.00	10.20	27.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

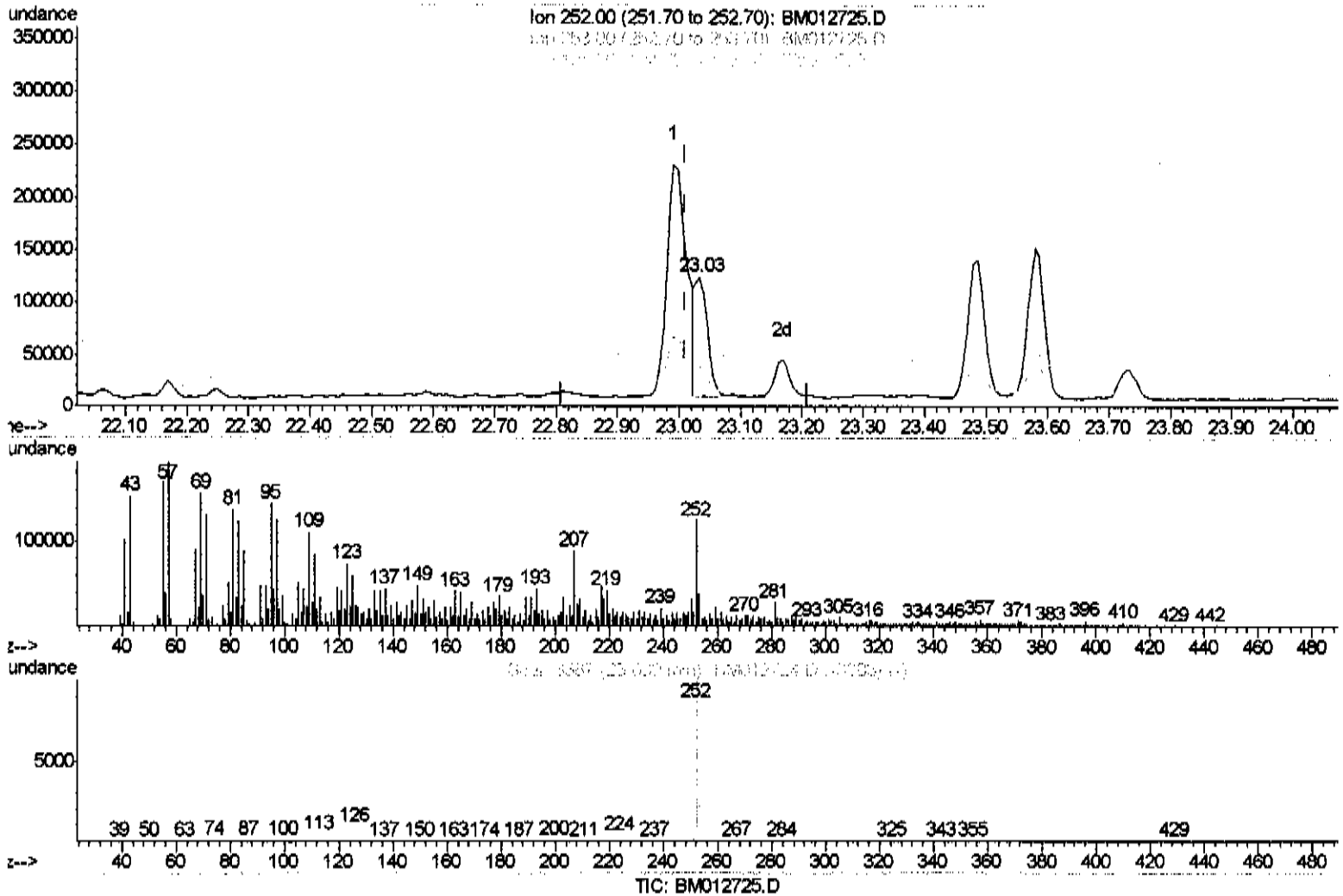
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(88) Benzo(k)fluoranthene

23.033min (+0.024) 4.69ng/ul m

response 165044

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	31.12#
125.00	10.20	47.42#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	88037	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	337392	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	214179	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.21	188	452861m	20.00	ng/ul	0.02
77) Chrysene-d12	21.38	240	555101	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	606027	20.00	ng/ul	0.03

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.30	96	8652	5.31	ng/uL	0.00
5) Phenol-d5	6.99	99	184283	28.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	148686	41.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	154173	28.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	138781	24.54	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	74166	29.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	84905	29.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	162967	27.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	2256648	399.92	ng/ul	-0.01
43) Dimethylphthalate-d6	13.87	166	479960	27.08	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	631273	28.80	ng/ul	0.01
51) 4-Nitrophenol-d4	14.66	143	109534	38.57	ng/ul	0.00
57) Fluorene-d10	15.46	176	427980	28.19	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.58	200	129443m	43.29	ng/ul	0.01
70) Anthracene-d10	17.30	188	658663	30.10	ng/ul	0.01
78) Pyrene-d10	19.59	212	757499	29.41	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.54	264	871173	30.40	ng/ul	0.03

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Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.01	94	28973	4.31	ng/ul#	78
11) 2-Methylphenol	8.26	108	18261	3.57	ng/ul	95
16) 4-Methylphenol	8.59	108	71078	12.80	ng/ul	93
28) Naphthalene	10.66	128	2072099	122.84	ng/ul#	90
34) 2-Methylnaphthalene	12.27	142	384244	29.81	ng/ul	99
40) 1,1'-Biophenyl	13.29	154	65779	3.71	ng/ul#	83
44) Dimethylphthalate	13.91	163	81790	4.65	ng/ul#	51
58) Fluorene	15.51	166	304837	17.38	ng/ul#	85
69) Phenanthrene	17.25	178	436331m	17.63	ng/ul	3
71) Anthracene	17.34	178	137120m	5.34	ng/ul	99
75) Di-n-butylphthalate	18.17	149	8291822	330.60	ng/ul	99
76) Fluoranthene	19.26	202	1139600m	38.31	ng/ul	93
79) Pyrene	19.62	202	1094974	33.06	ng/ul#	88
82) Benzo(a)anthracene	21.36	228	373915	11.13	ng/ul#	56
83) Bis(2-ethylhexyl)phthalate	21.29	149	42041	2.39	ng/ul#	92
84) Chrysene	21.42	228	473010	15.54	ng/ul#	75
87) Benzo(b)fluoranthene	22.99	252	493414	13.32	ng/ul#	70
88) Benzo(k)fluoranthene	23.03	252	165044m	4.69	ng/ul	51
90) Benzo(a)pyrene	23.58	252	273439	7.76	ng/ul#	92
91) Indeno(1,2,3-cd)pyrene	26.00	276	204654	4.82	ng/ul#	51
92) Dibenzo(a,h)anthracene	26.00	278	62507	1.74	ng/ul#	92
93) Benzo(a,h,i)perylene	26.73	276	180208	5.15	ng/ul#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed