

Quantitation Report (QT Reviewed)

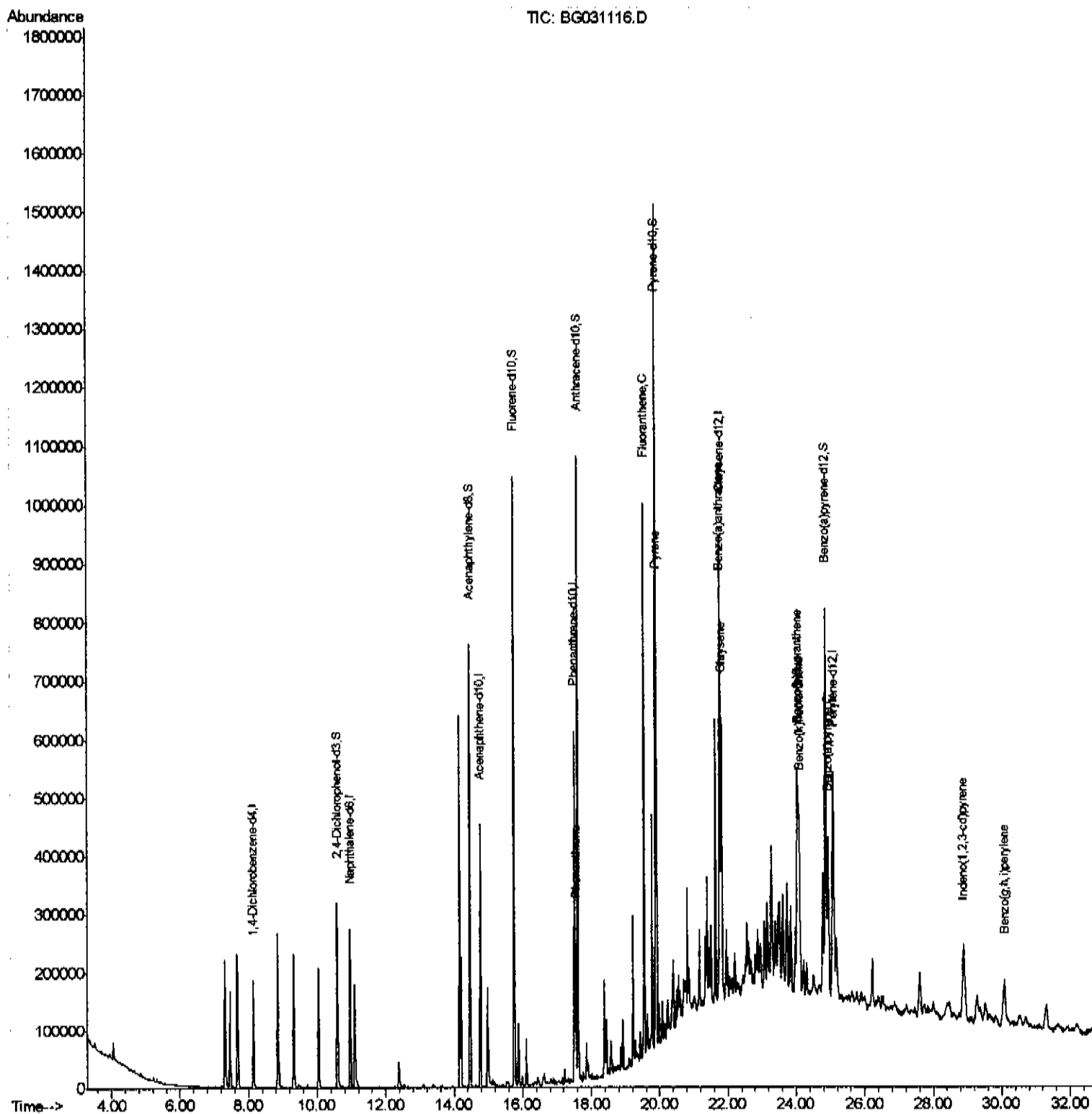
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
 Data File : BG031116.D
 Acq On : 18 Nov 2017 12:43
 Operator : SJ/JU
 Sample : I6431-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 B0FP2

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 4:46:06 PM

Quant Time: Nov 20 03:22:36 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 01:20:34 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

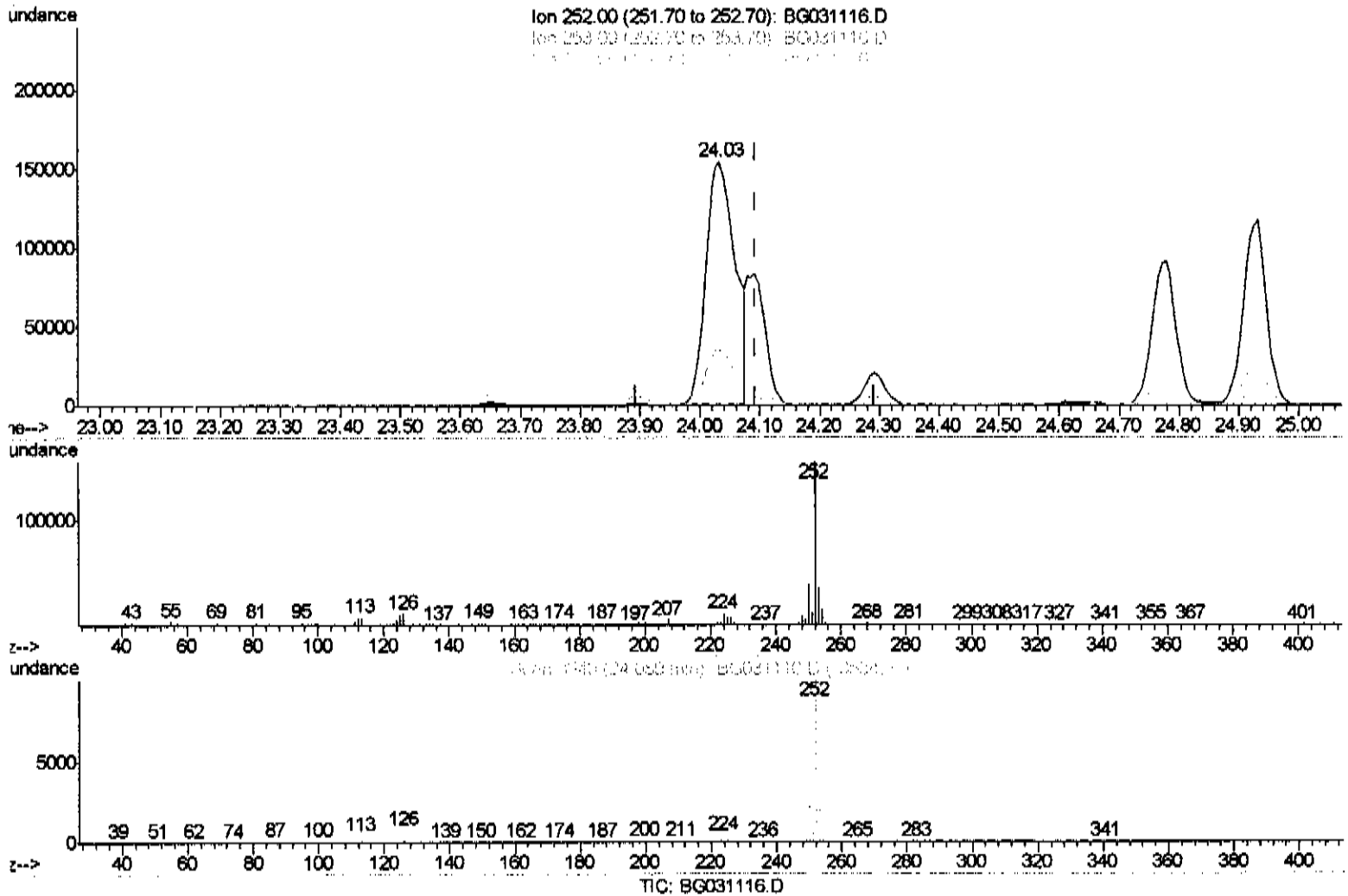
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(25) Benzo(k)fluoranthene

24.032min (-0.061) 20.96ng/ul

response 520024

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.29
125.00	11.00	7.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

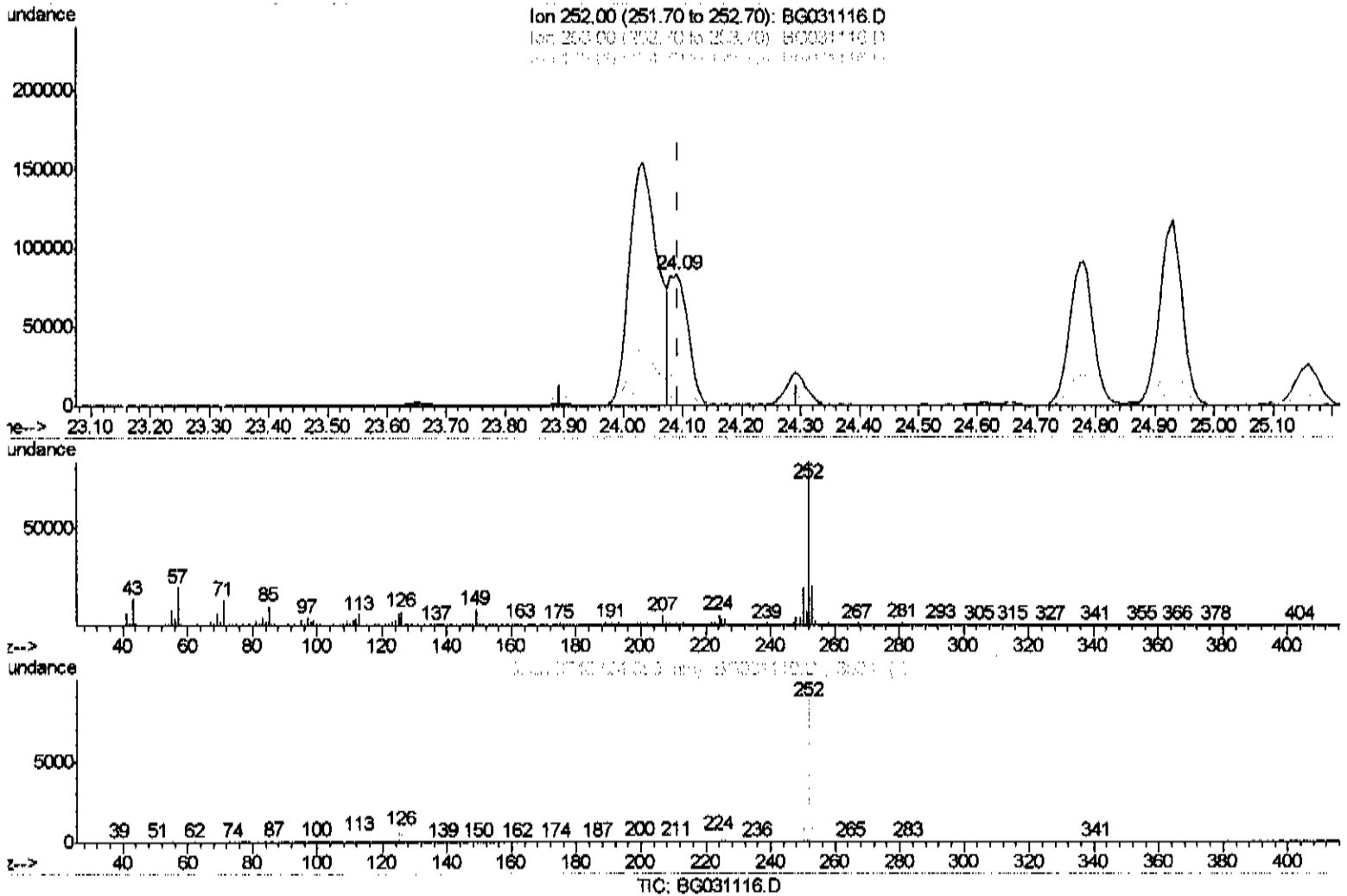
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(25) Benzo(k)fluoranthene

24.091min (-0.002) 7.43ng/ul m

response 184351

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.69
125.00	11.00	6.94#
0.00	0.00	0.00

34 11/21/17

Quantitation Report (Qedit)

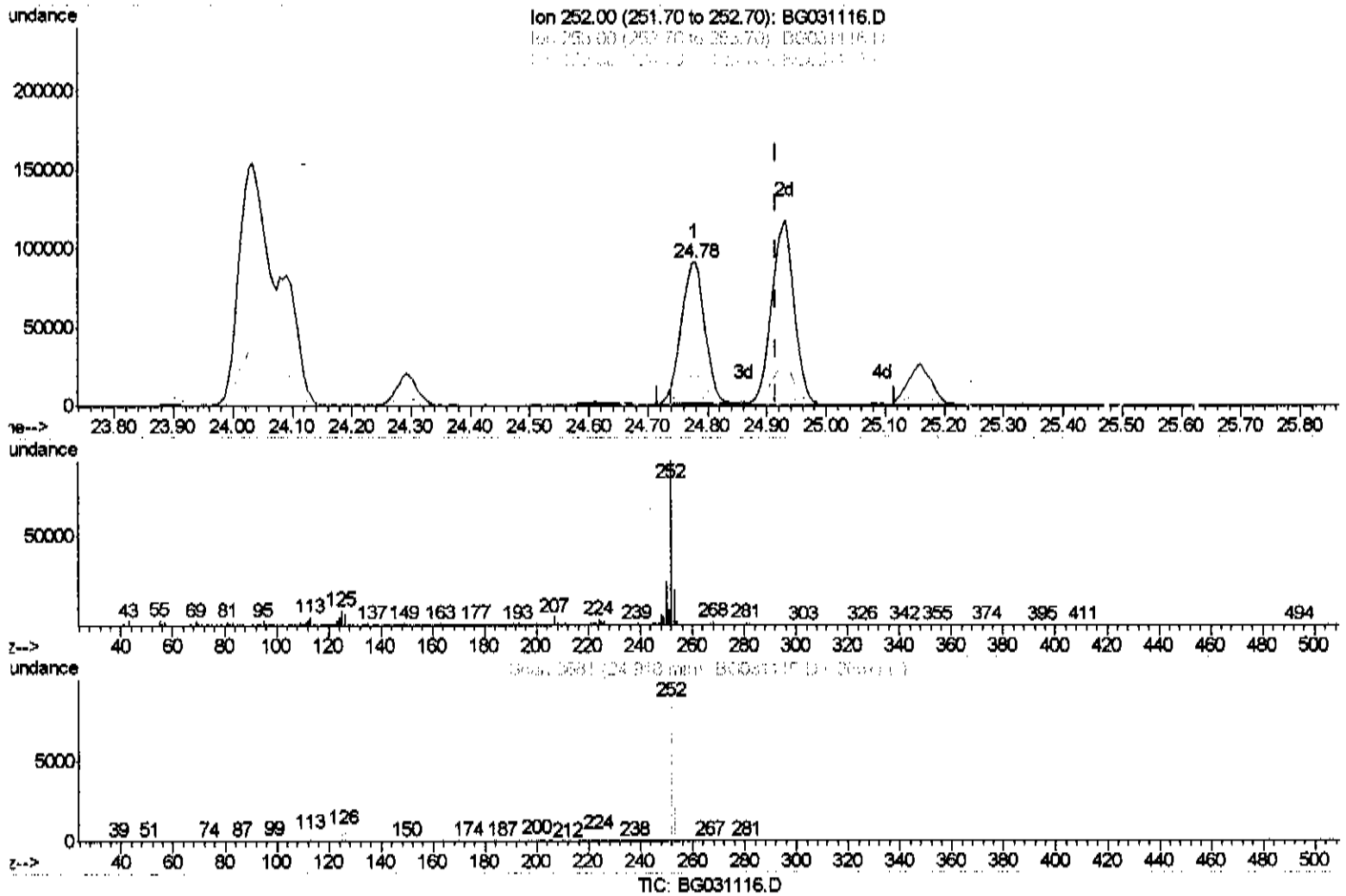
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(27) Benzo(a)pyrene (C)

24.778min (-0.137) 9.92ng/ul

response 239532

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.97
125.00	11.80	9.55
0.00	0.00	0.00

Quantitation Report (Qedit)

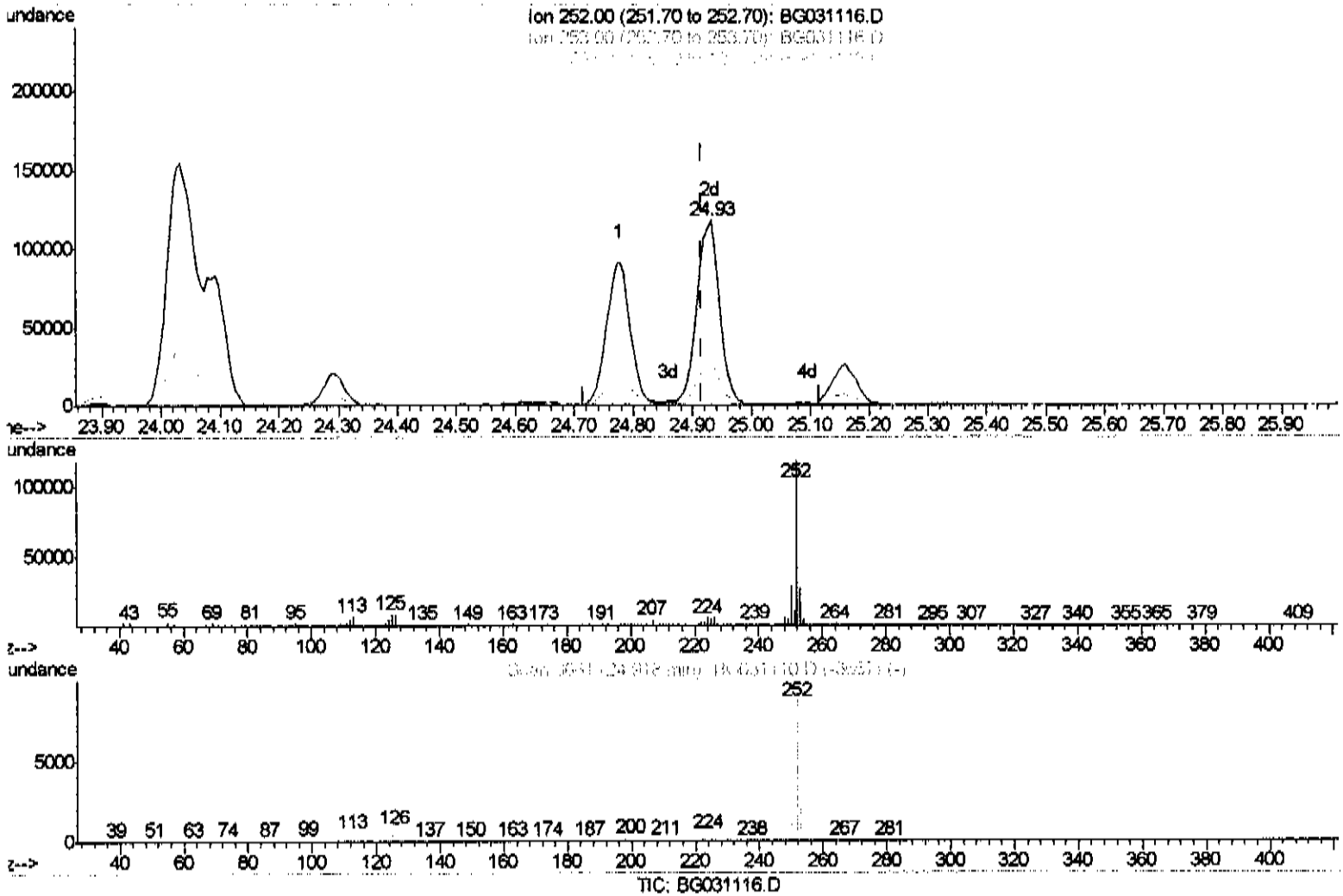
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(27) Benzo(a)pyrene (C)

24.931min (+0.016) 13.21ng/ul m

response 318939

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.74
125.00	11.80	6.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

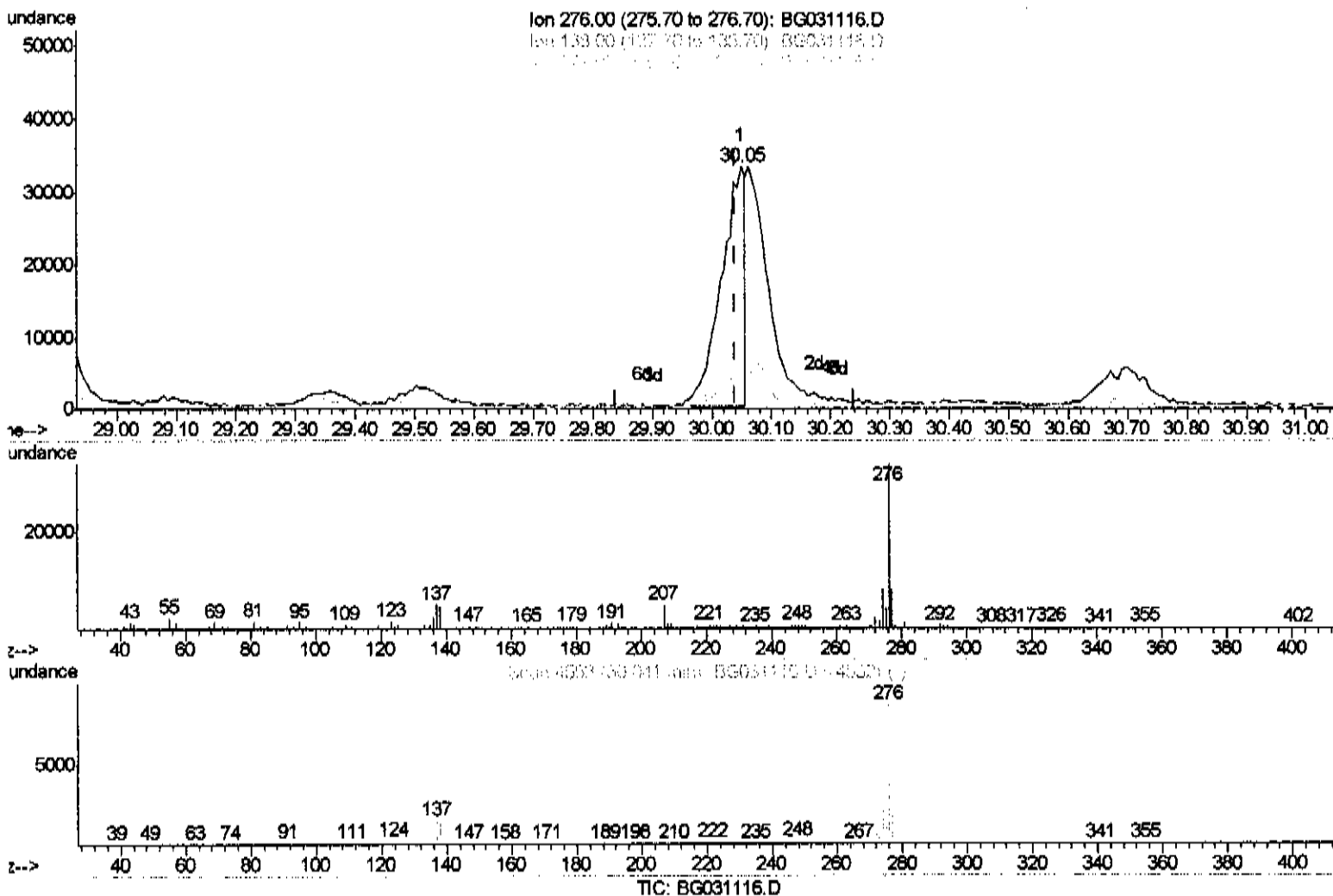
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(30) Benzo(g,h,i)perylene
 30.048min (+0.010) 4.00ng/ul
 response 91637

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	14.19#
277.00	24.60	24.07
0.00	0.00	0.00

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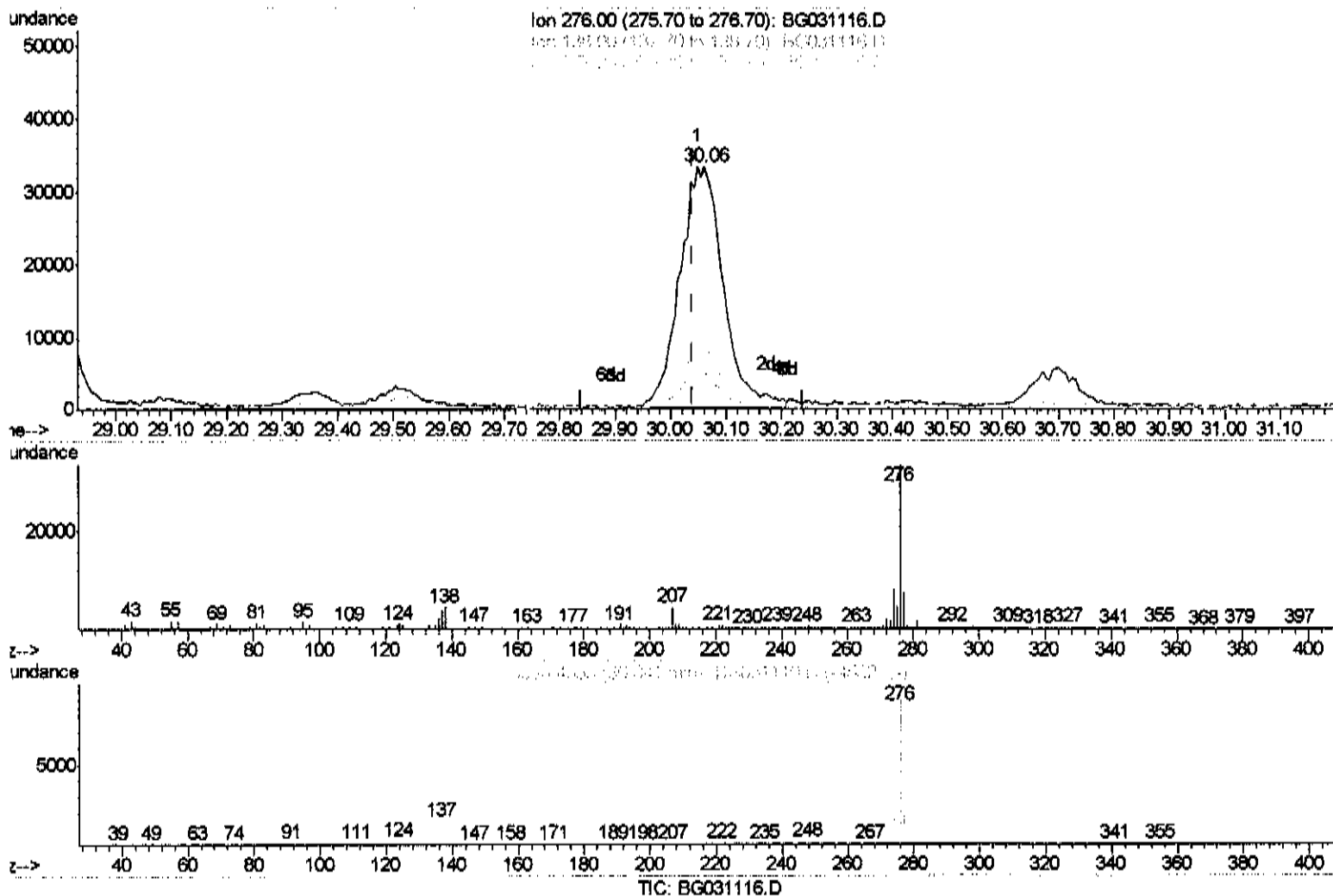
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(30) Benzo(g,h,i)perylene

30.060min (+0.021) 7.84ng/ul m

response 179541

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	14.07#
277.00	24.60	22.27
0.00	0.00	0.00

Handwritten signature: JU 11/21/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	55235	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	253484	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	167159	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	393923	20.00	ng/ul	0.00
18) Chrysene-d12	21.78	240	416250	20.00	ng/ul	0.00
23) Perylene-d12	25.08	264	416796	20.00	ng/ul	0.00

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.58	165	144367	30.18	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	595472	34.25	ng/ul	0.00
10) Fluorene-d10	15.75	176	450212	32.24	ng/ul	0.00
15) Anthracene-d10	17.60	188	674863	34.23	ng/ul	0.00
19) Pyrene-d10	19.88	212	764698	40.22	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	743241	36.04	ng/ul	0.00

Target Compounds

						Qvalue
14) Phenanthrene	17.54	178	156163	7.39	ng/ul	98
17) Fluoranthene	19.54	202	624600	21.23	ng/ul#	88
20) Pyrene	19.91	202	502741	22.76	ng/ul#	86
21) Benzo(a)anthracene	21.75	228	311941	12.30	ng/ul	99
22) Chrysene	21.82	228	393750	16.32	ng/ul	98
24) Benzo(b)fluoranthene	24.03	252	520024	20.65	ng/ul#	95
25) Benzo(k)fluoranthene	24.09	252	184351m	7.43	ng/ul	
27) Benzo(a)pyrene	24.93	252	318939m	13.21	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.87	276	218556	7.94	ng/ul	94
30) Benzo(g,h,i)perylene	30.06	276	179541m	7.84	ng/ul	

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