

Quantitation Report (QT Reviewed)

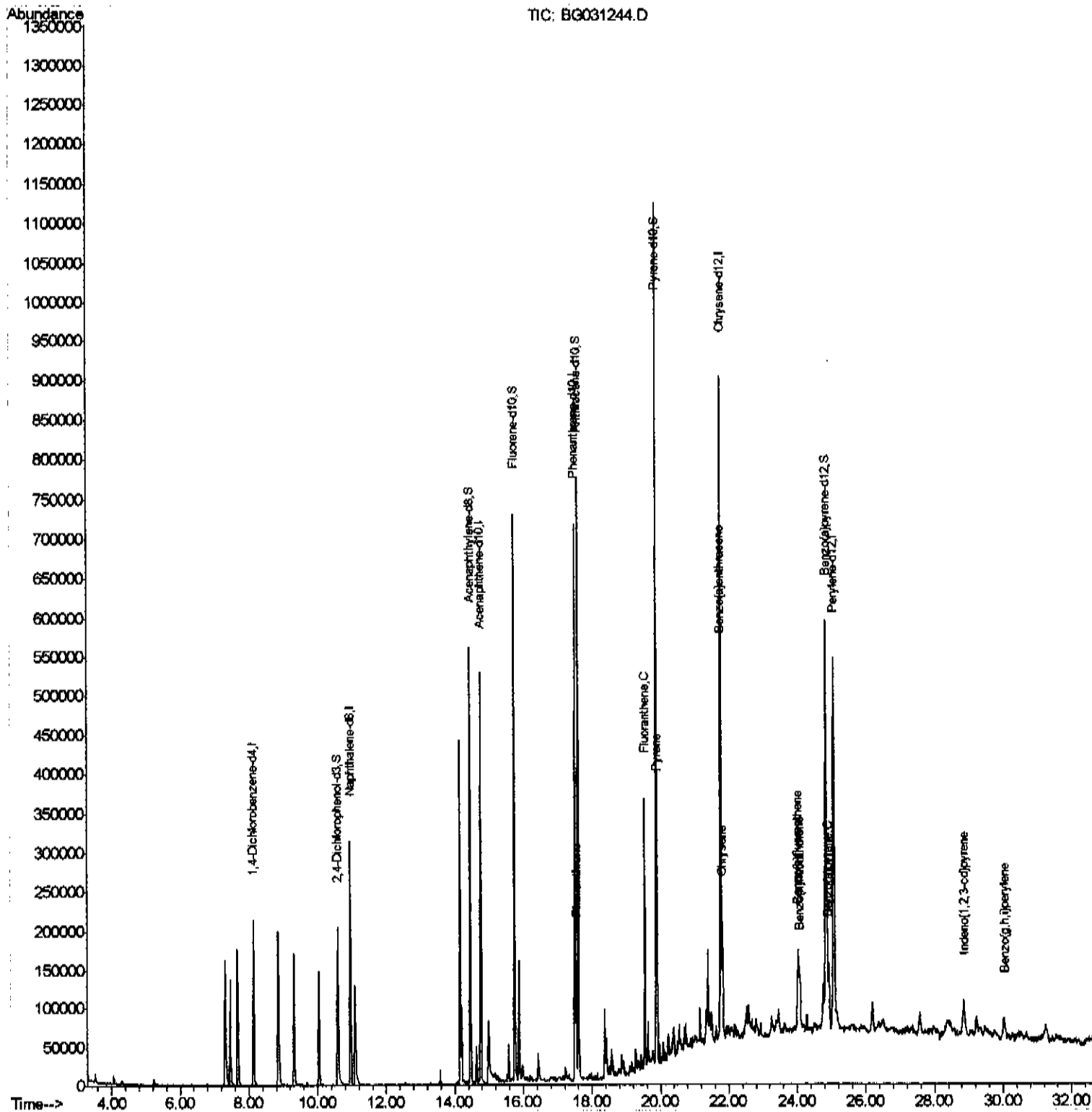
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
 Data File : BG031244.D
 Acq On : 28 Nov 2017 00:36
 Operator : SJ/JU
 Sample : I6506-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0GA1

Manual Integrations
 APPROVED

Sohil
 11/28/2017 3:08:37 PM

Quant Time: Nov 28 07:40:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG11617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 07:19:57 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

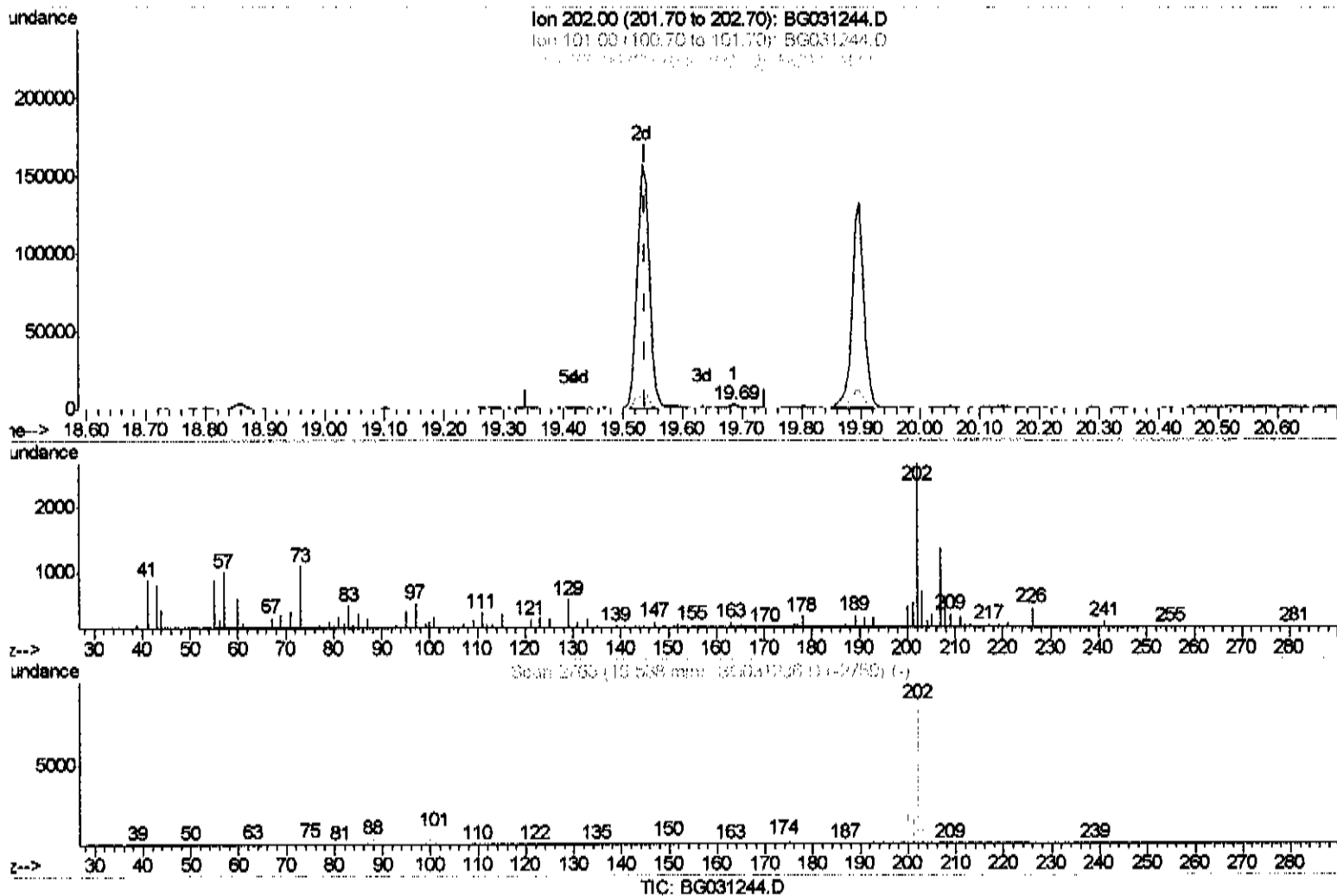
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(17) Fluoranthene (C)

19.686min (+0.147) 0.07ng/ul

response 2358

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	12.29
100.00	9.40	8.78
0.00	0.00	0.00

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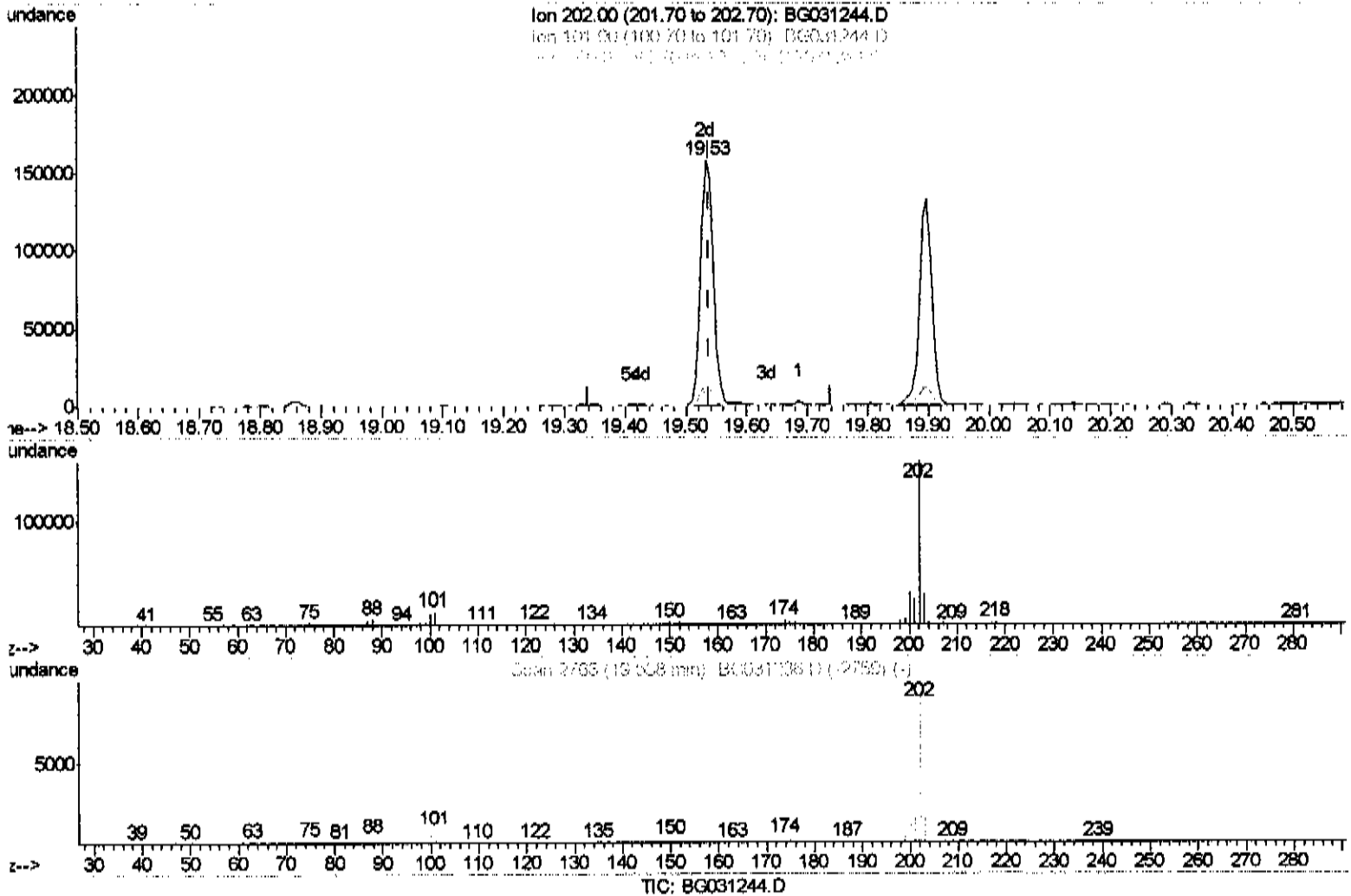
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(17) Fluoranthene (C)

19.533min (-0.006) 6.71ng/ul m

SJ 11/29/17

response 228196

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	8.66#
100.00	9.40	6.92#
0.00	0.00	0.00

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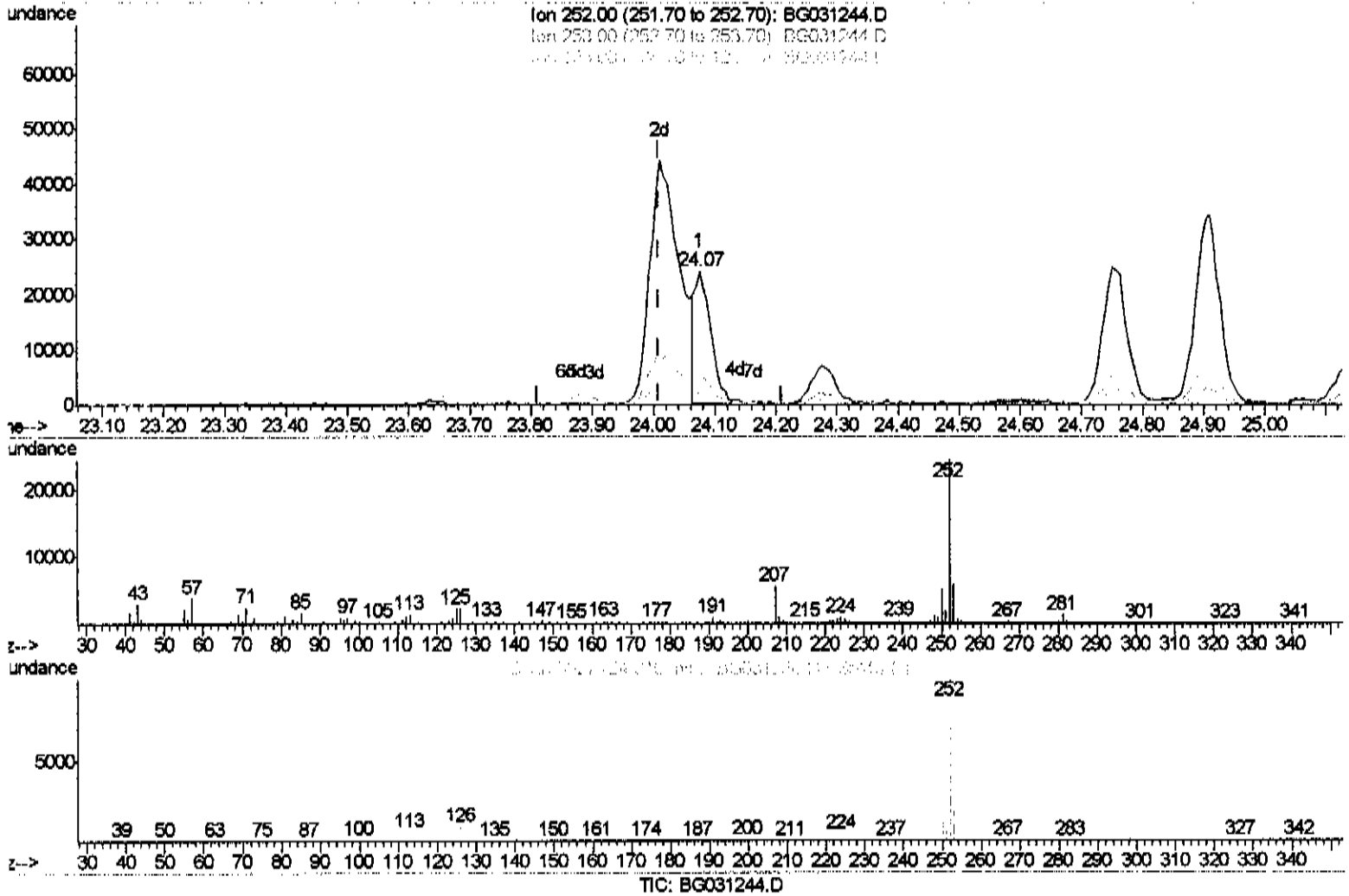
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(24) Benzo(b)fluoranthene

24.075min (+0.065) 1.35ng/ul

response 42083

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.23
125.00	11.70	9.77
0.00	0.00	0.00

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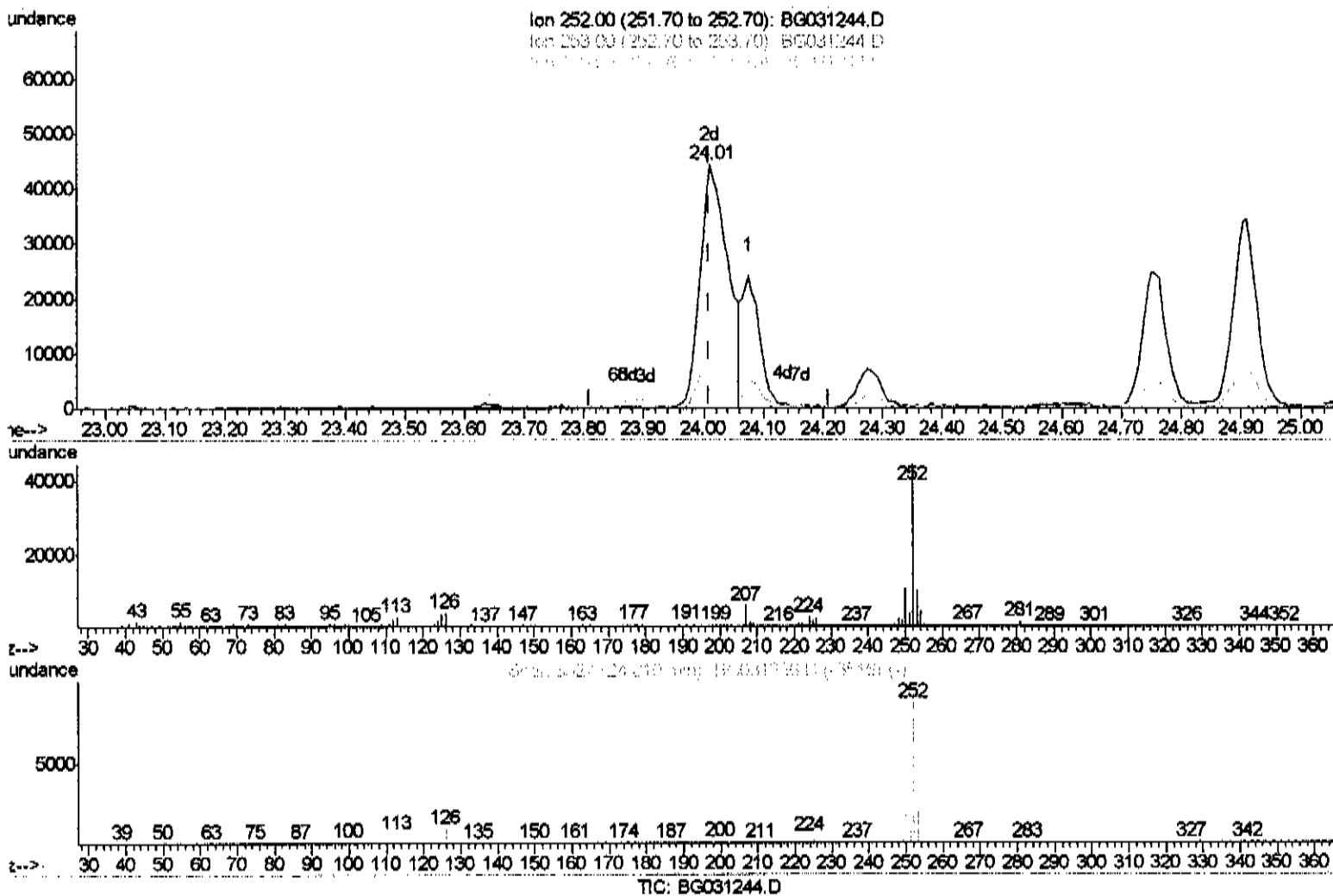
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(24) Benzo(b)fluoranthene

24.010min (+0.000) 4.58ng/ul m

SJ 11/29/17

response 142858

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.30
125.00	11.70	7.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

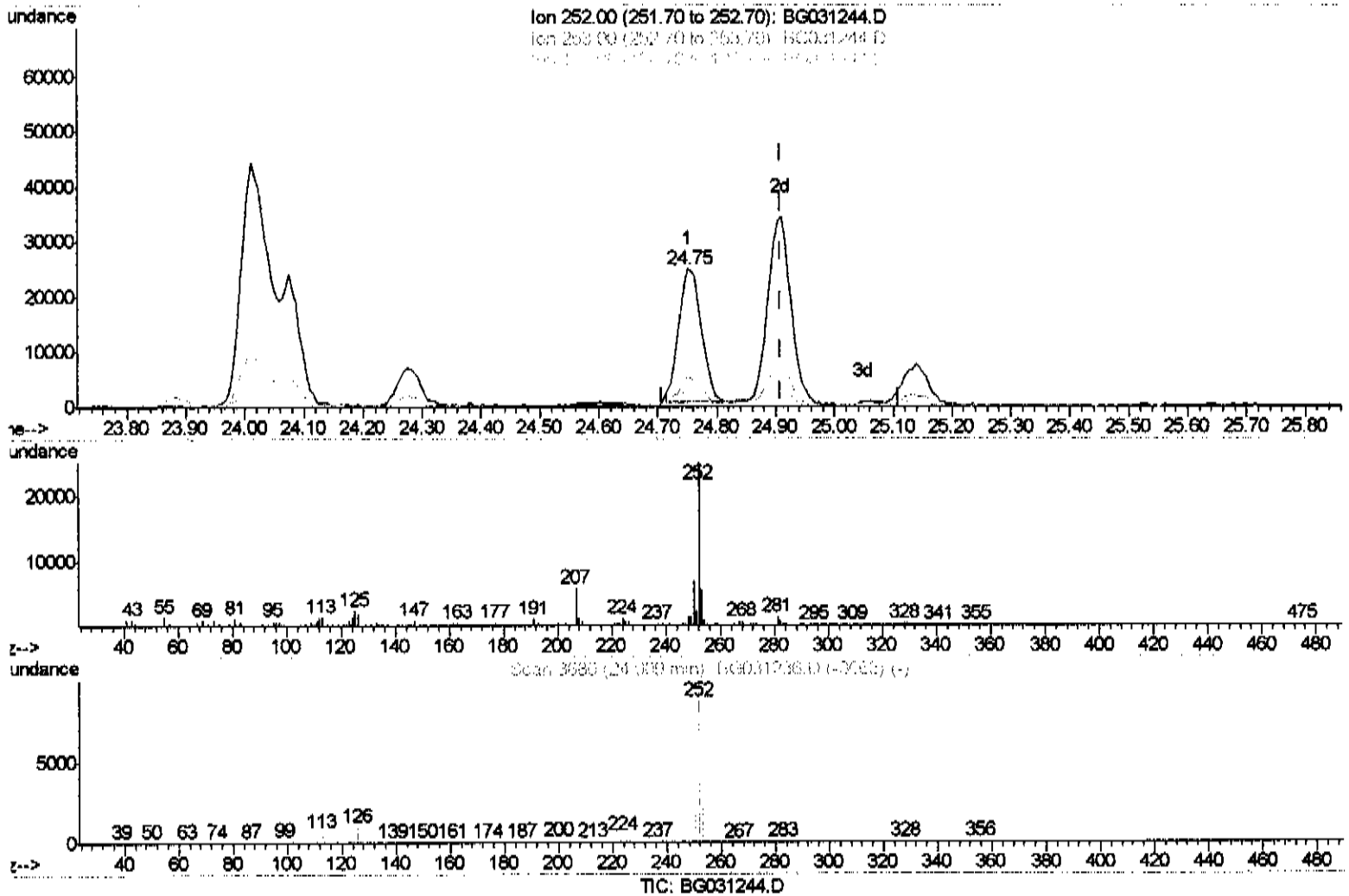
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(27) Benzo(a)pyrene (C)

24.750min (-0.158) 2.13ng/ul

response 63600

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.70
125.00	11.80	9.90
0.00	0.00	0.00

Quantitation Report (Qedit)

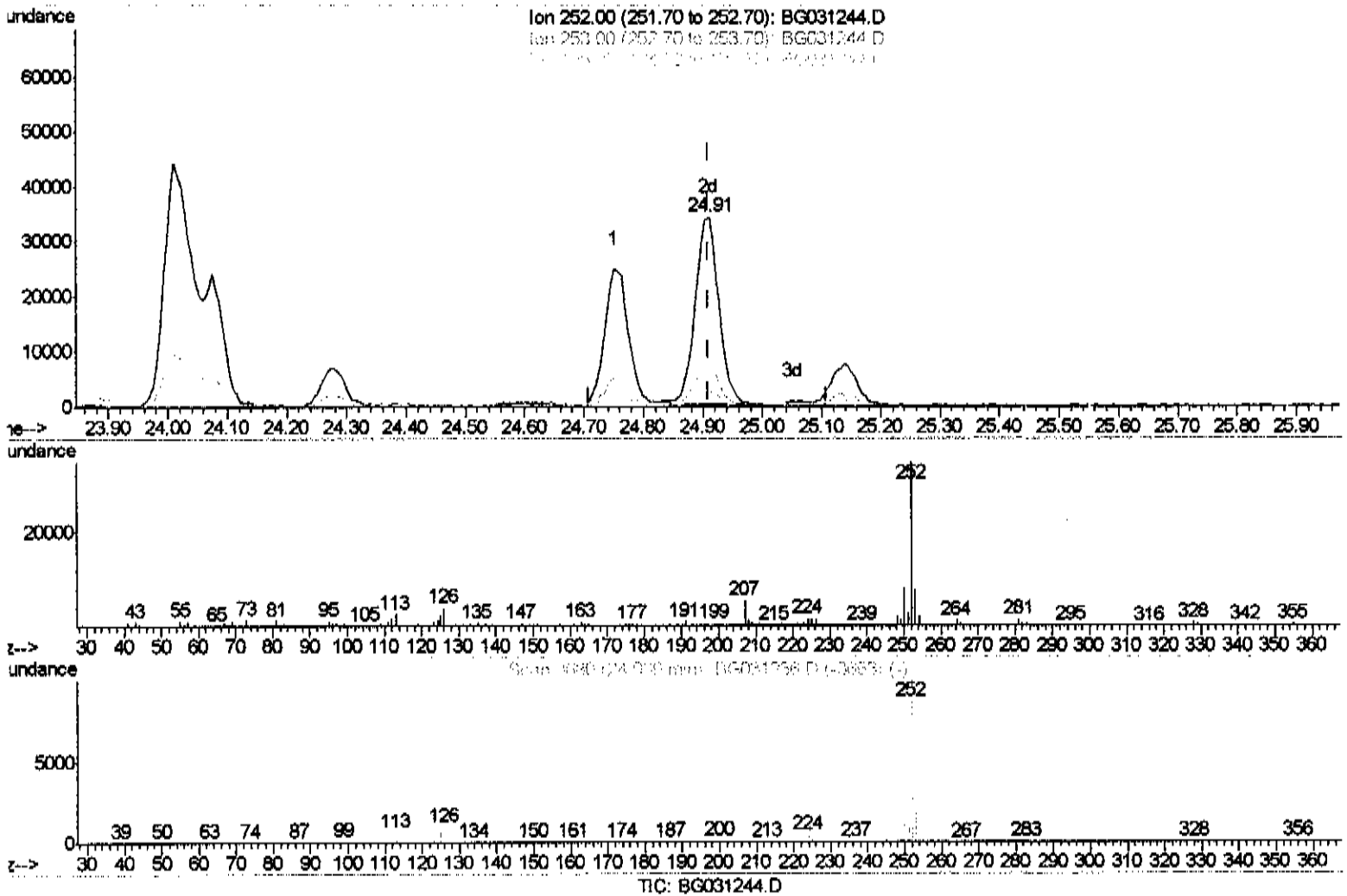
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(27) Benzo(a)pyrene (C)

24.909min (+0.000) 3.13ng/ul m

SJ 11/29/17

response 93632

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.50
125.00	11.80	7.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

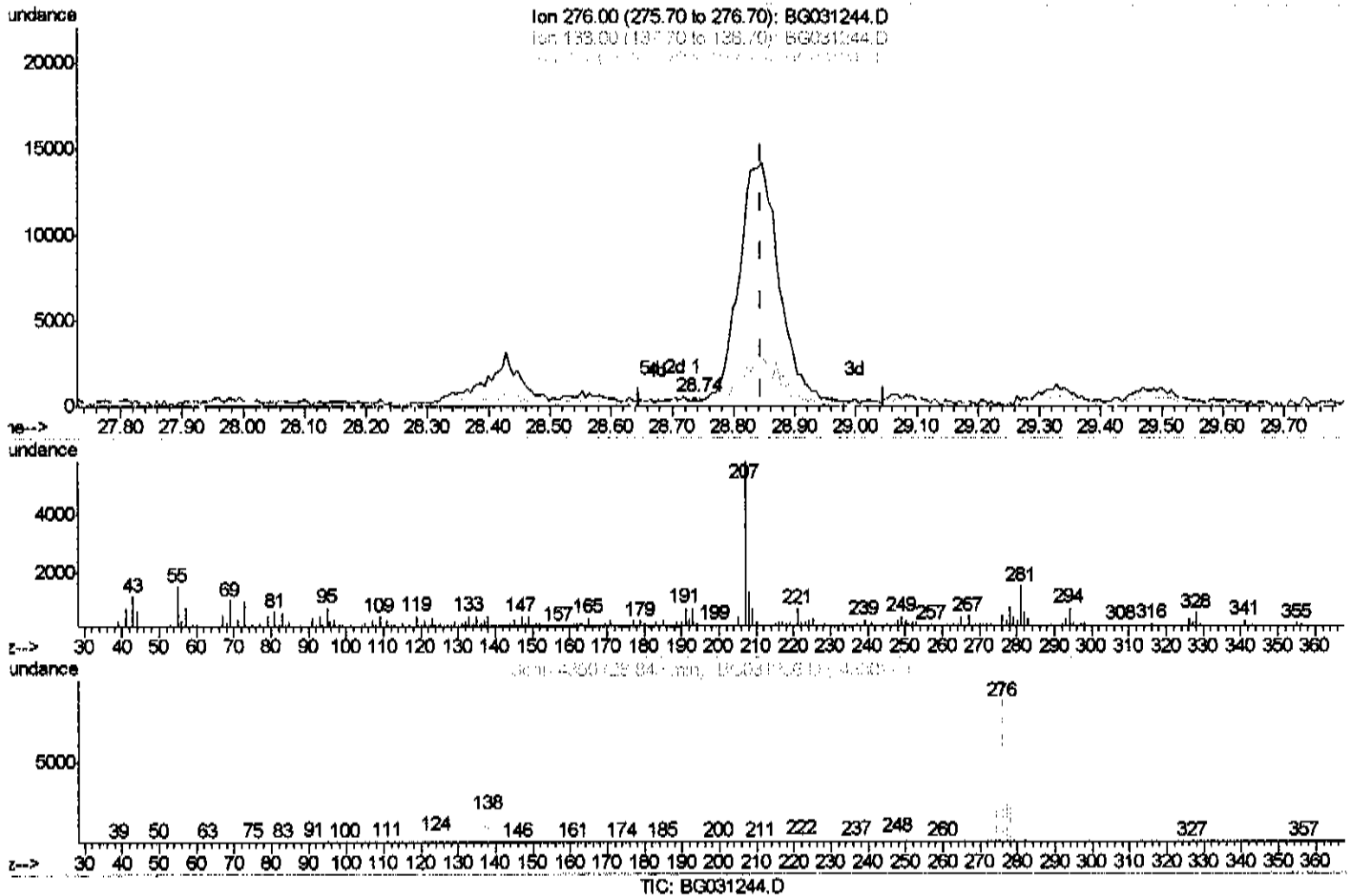
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 ClientSampleId :
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(28) Indeno(1,2,3-cd)pyrene

28.740min (-0.105) 0.00ng/ul

response 159

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	93.31#
277.00	24.20	68.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

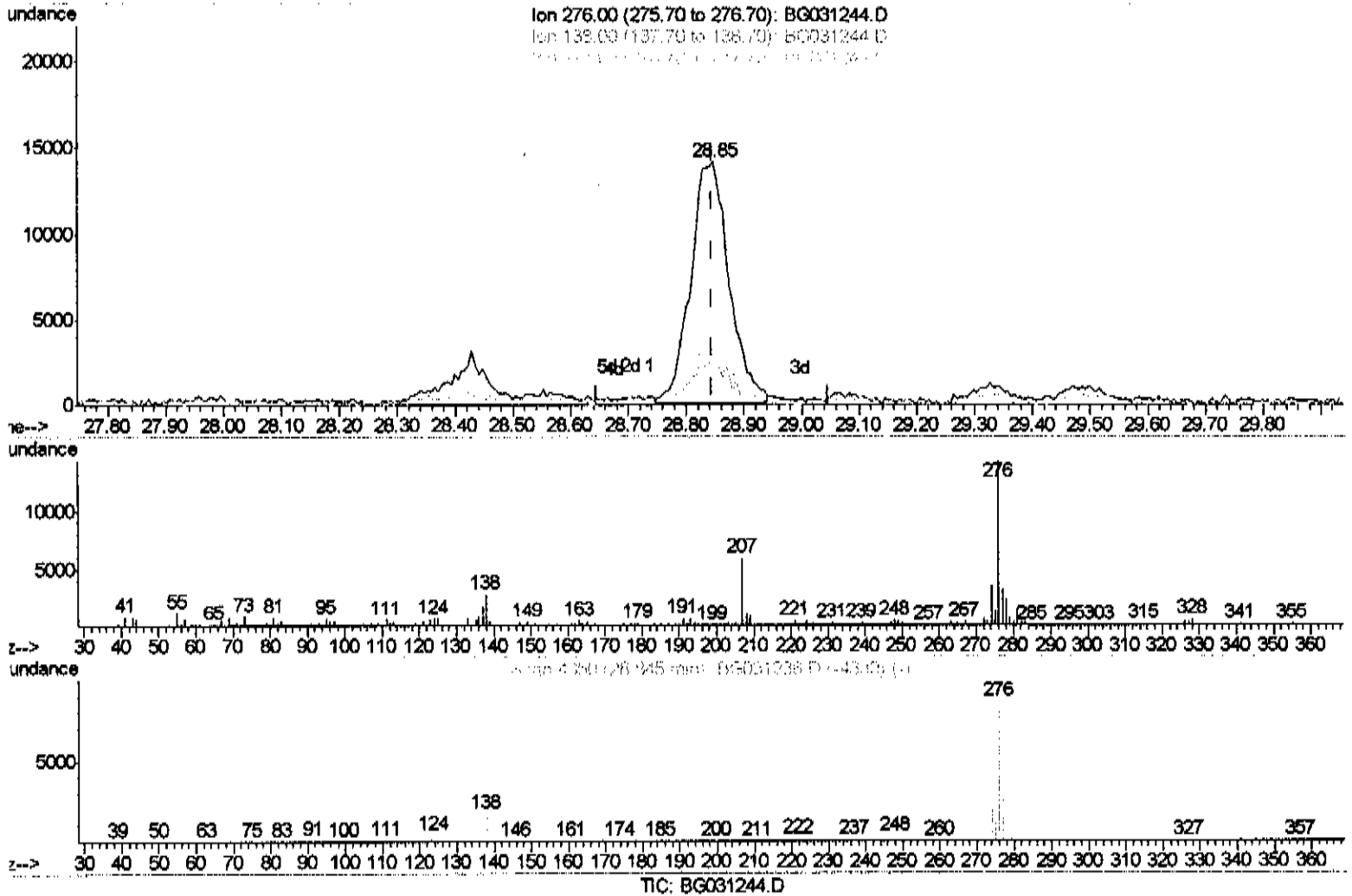
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
 Data File : BG031244.D
 Acq On : 28 Nov 2017 00:36
 Operator : SJ/JU
 Sample : I6506-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0GA1

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

28.846min (+0.000) 1.91ng/ul m SS 11/29/17

response 65203

Ion	Exp%	Act%
276.00	100	100
138.00	22.20	20.07
277.00	24.20	22.44
0.00	0.00	0.00

Quantitation Report (Qedit)

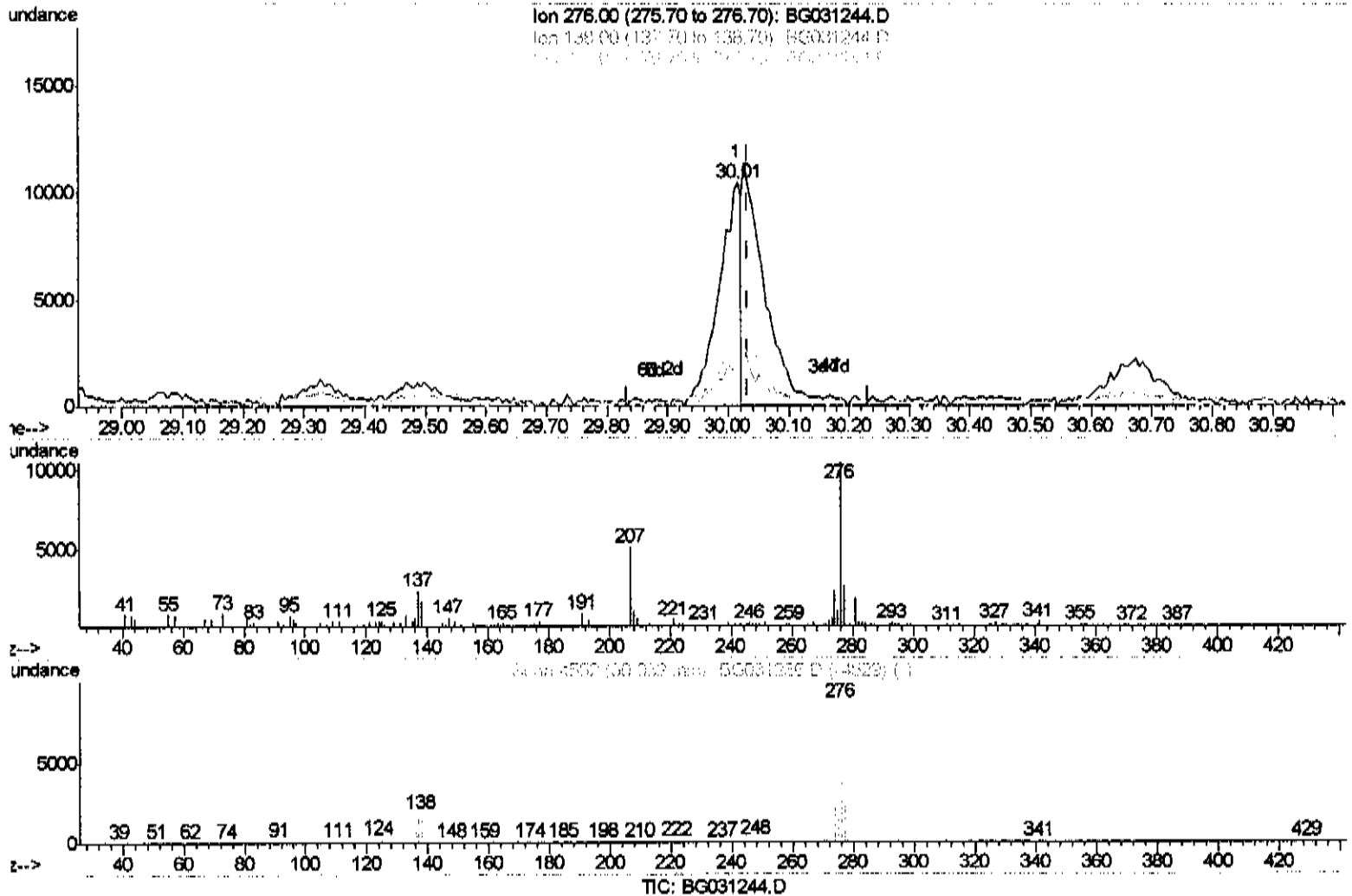
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 Misc :
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Instrument :
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(30) Benzo(g,h,i)perylene

30.015min (-0.017) 0.95ng/ul

response 26988

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	16.81#
277.00	24.60	26.04
0.00	0.00	0.00

Quantitation Report (Qedit)

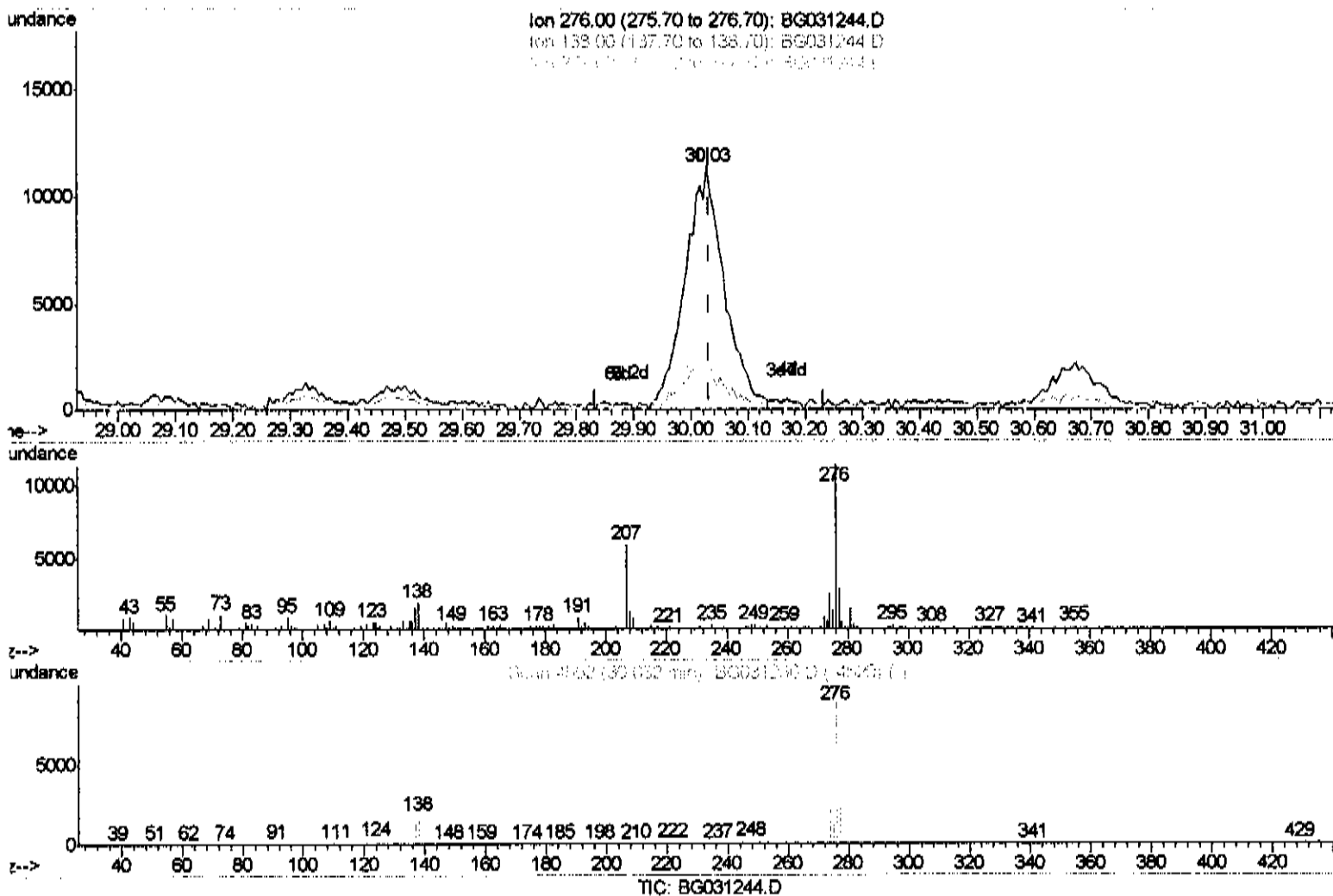
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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

30.027min (-0.006) 1.93ng/ul m

SJ 11/29/17

response 54759

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	17.01#
277.00	24.60	25.70
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	8.13	152	68370	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	295929	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	190957	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	455334	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	518400	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	516741	20.00	ng/ul	0.00

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.58	165	107382	19.23	ng/ul	0.00
7) Acenaphthylene-d8	14.44	160	447331	22.53	ng/ul	0.00
10) Fluorene-d10	15.74	176	329782	20.67	ng/ul	0.00
15) Anthracene-d10	17.59	188	500305	21.95	ng/ul	0.00
19) Perylene-d10	19.87	212	593093	25.05	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	571103	22.34	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
14) Phenanthrene	17.54	178	101836	4.17	ng/ul	98
17) Fluoranthene	19.53	202	228196m -	6.71	ng/ul	-
20) Pyrene	19.90	202	188609	6.86	ng/ul#	88
21) Benzo(a)anthracene	21.74	228	123926	3.92	ng/ul	99
22) Chrysene	21.81	228	116959	3.89	ng/ul	99
24) Benzo(b)fluoranthene	24.01	252	142858m -	4.58	ng/ul	-
25) Benzo(k)fluoranthene	24.07	252	42180	1.37	ng/ul	96
27) Benzo(a)pyrene	24.91	252	93632m }	3.13	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.85	276	65203m }	1.91	ng/ul	
30) Benzo(g,h,i)perylene	30.03	276	54759m }	1.93	ng/ul	

SS 11/29/17

SS 11/29/17

} SS 11/29/17

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