

Quantitation Report (QT Reviewed)

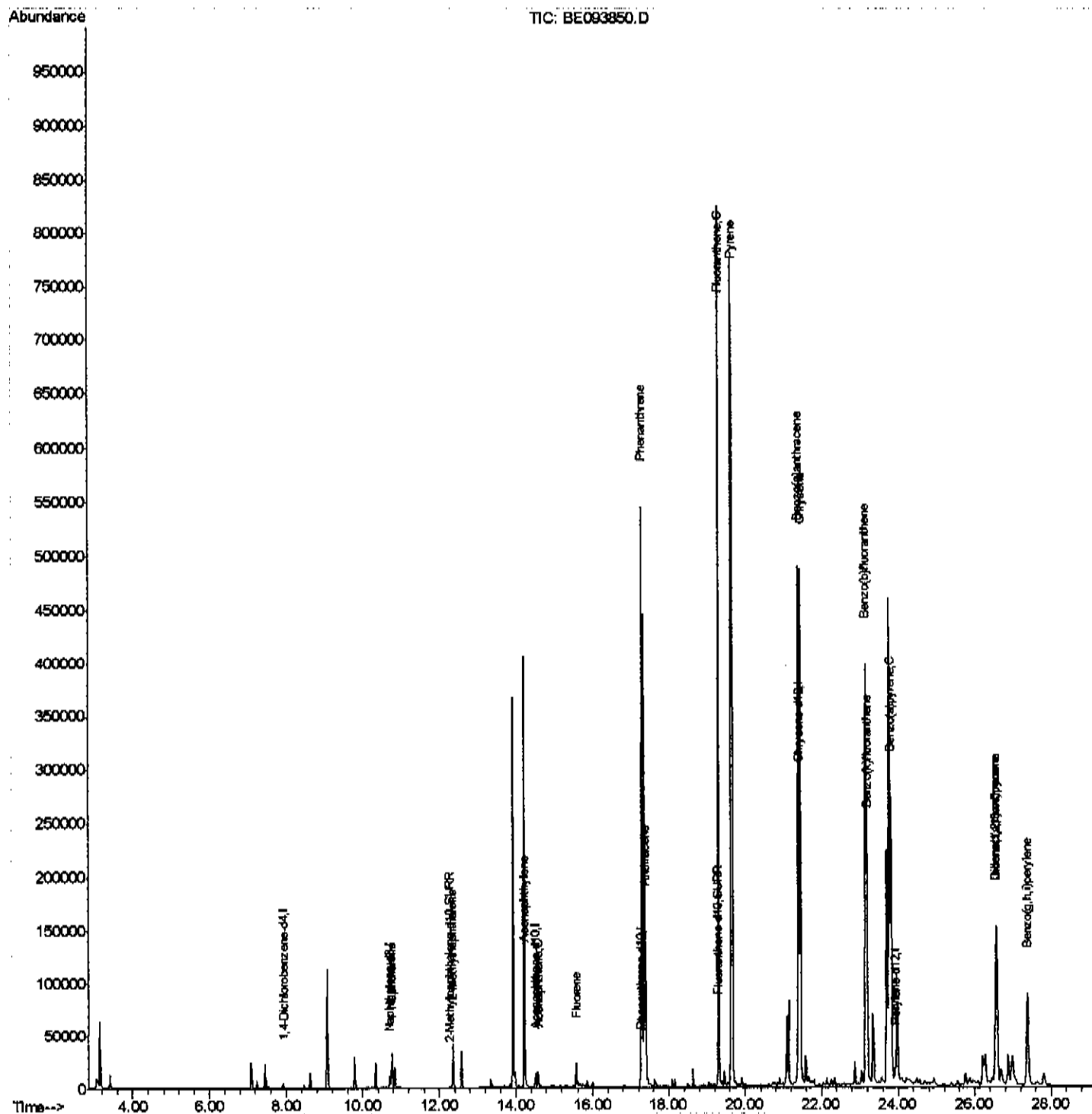
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093850.D
 Acq On : 16 Aug 2017 21:17
 Operator : SJ/JU
 Sample : I4672-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AG2

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:43 PM

Quant Time: Aug 17 04:18:18 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:52:40 2017
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Quantitation Report (Qedit)

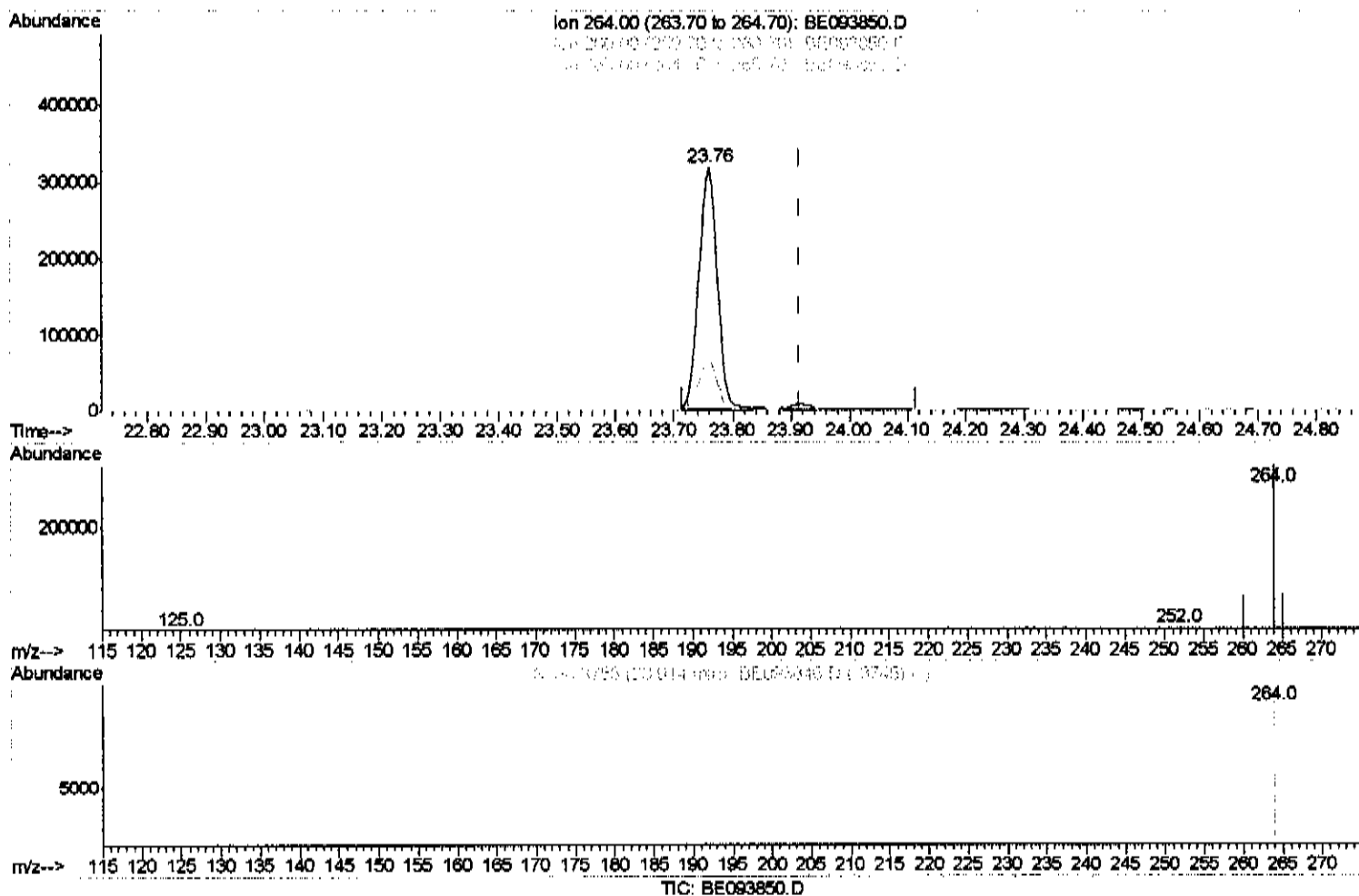
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(20) Perylene-d12 (I)

23.759min (-0.155) 0.40ng/ul

response 683143

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.86#
265.00	103.50	21.41#
0.00	0.00	0.00

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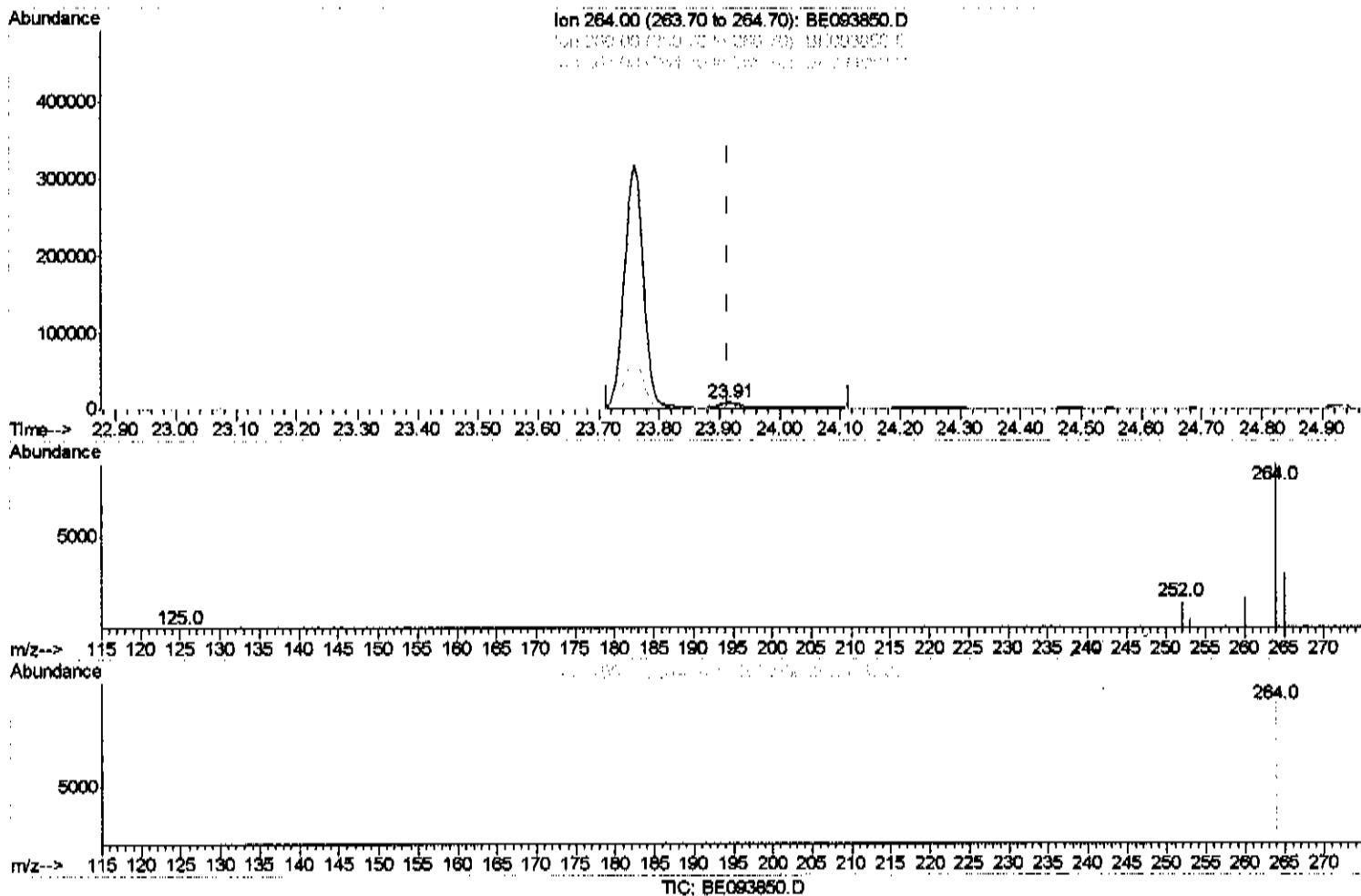
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(20) Perylene-d12 (I)

23.914min (-0.000) 0.40ng/ul m *[Signature]*

response 15931

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.64
265.00	103.50	39.27#
0.00	0.00	0.00

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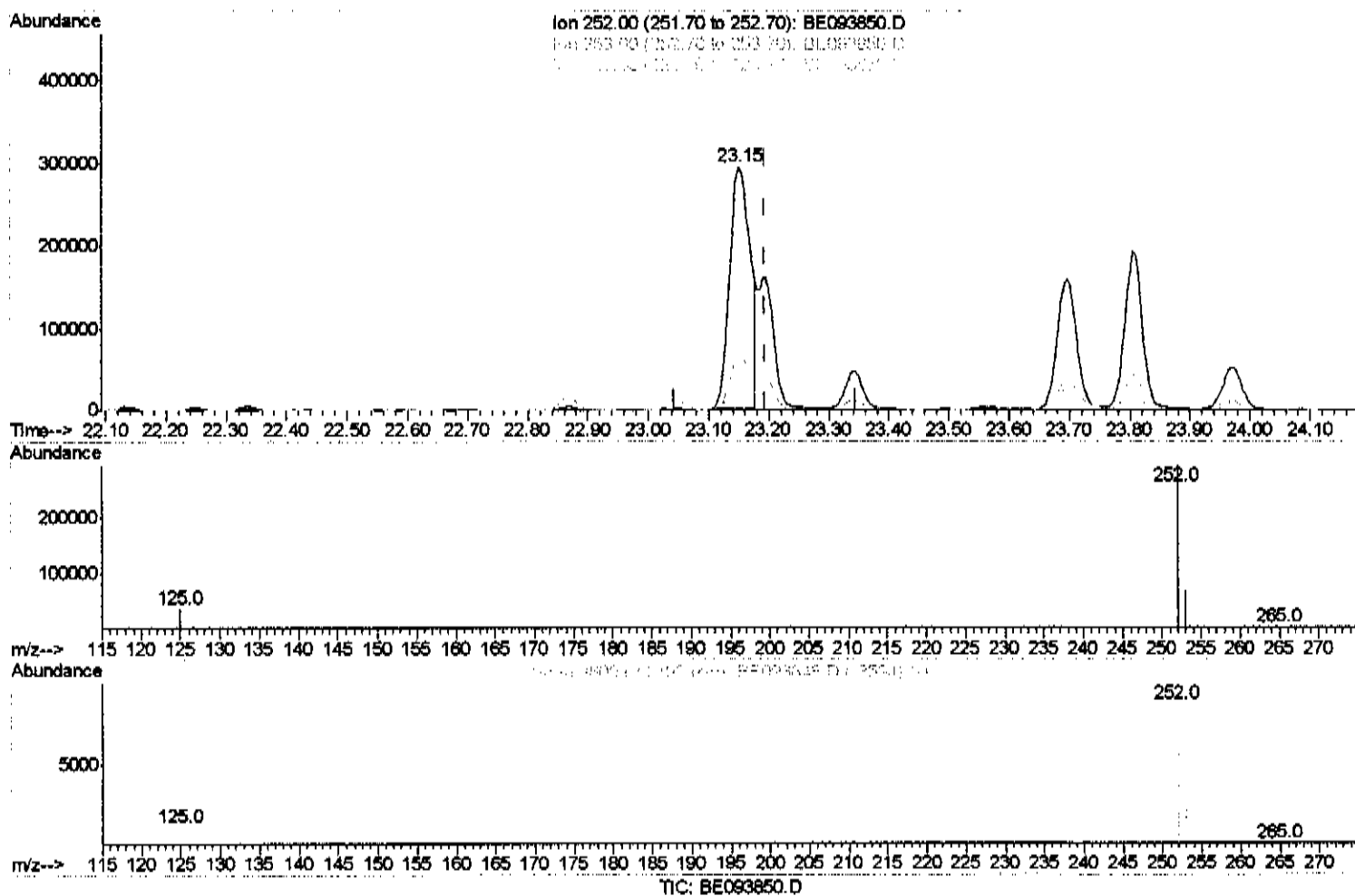
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(22) Benzo(k)fluoranthene

23.149min (-0.046) 14.62ng/ul

response 710511

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.63#
125.00	17.10	12.02#
0.00	0.00	0.00

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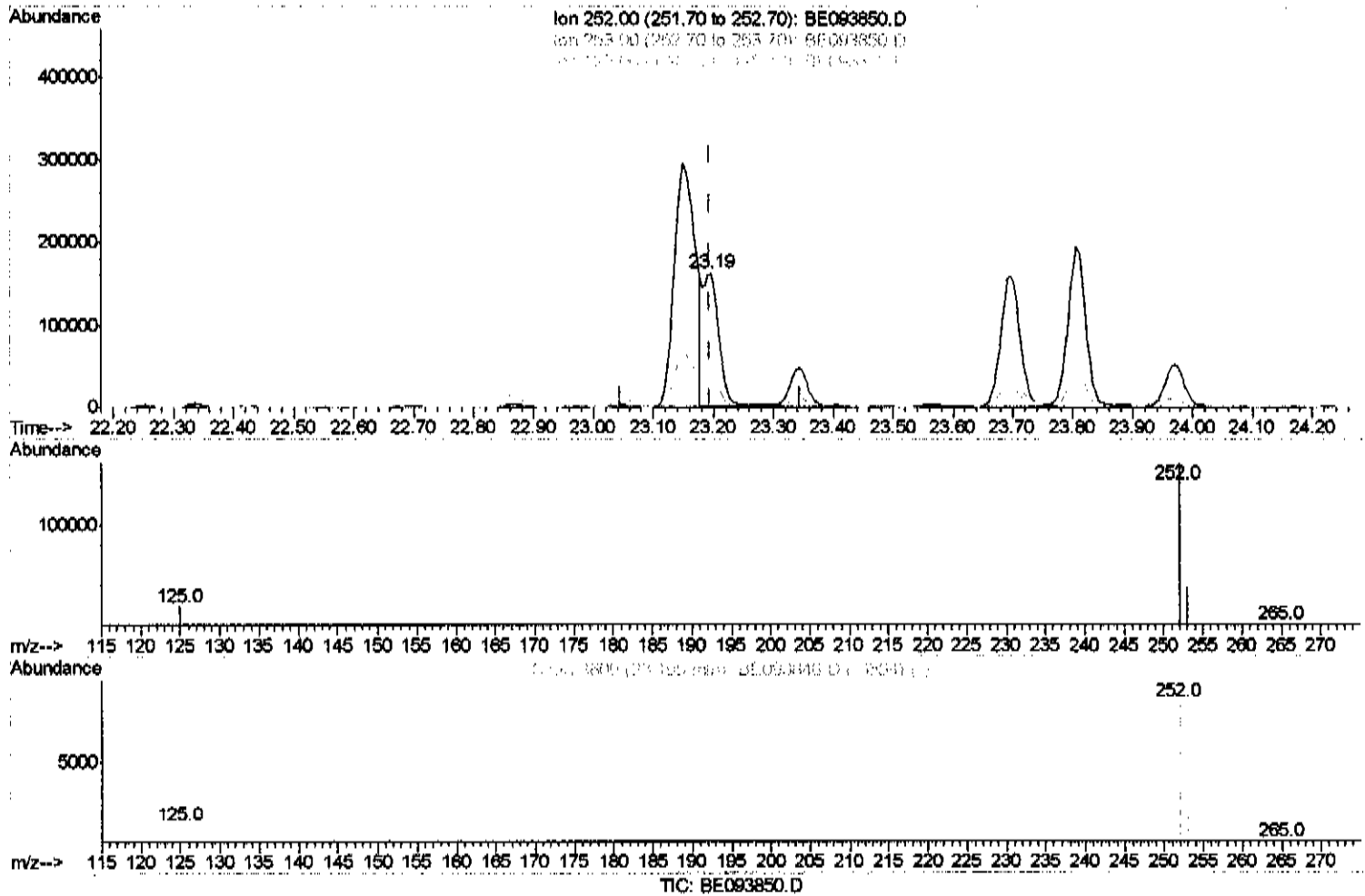
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(22) Benzo(k)fluoranthene

23.195min (-0.000) 6.28ng/ul m *SJL 8/17/17*

response 305340

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.61#
125.00	17.10	11.67#
0.00	0.00	0.00

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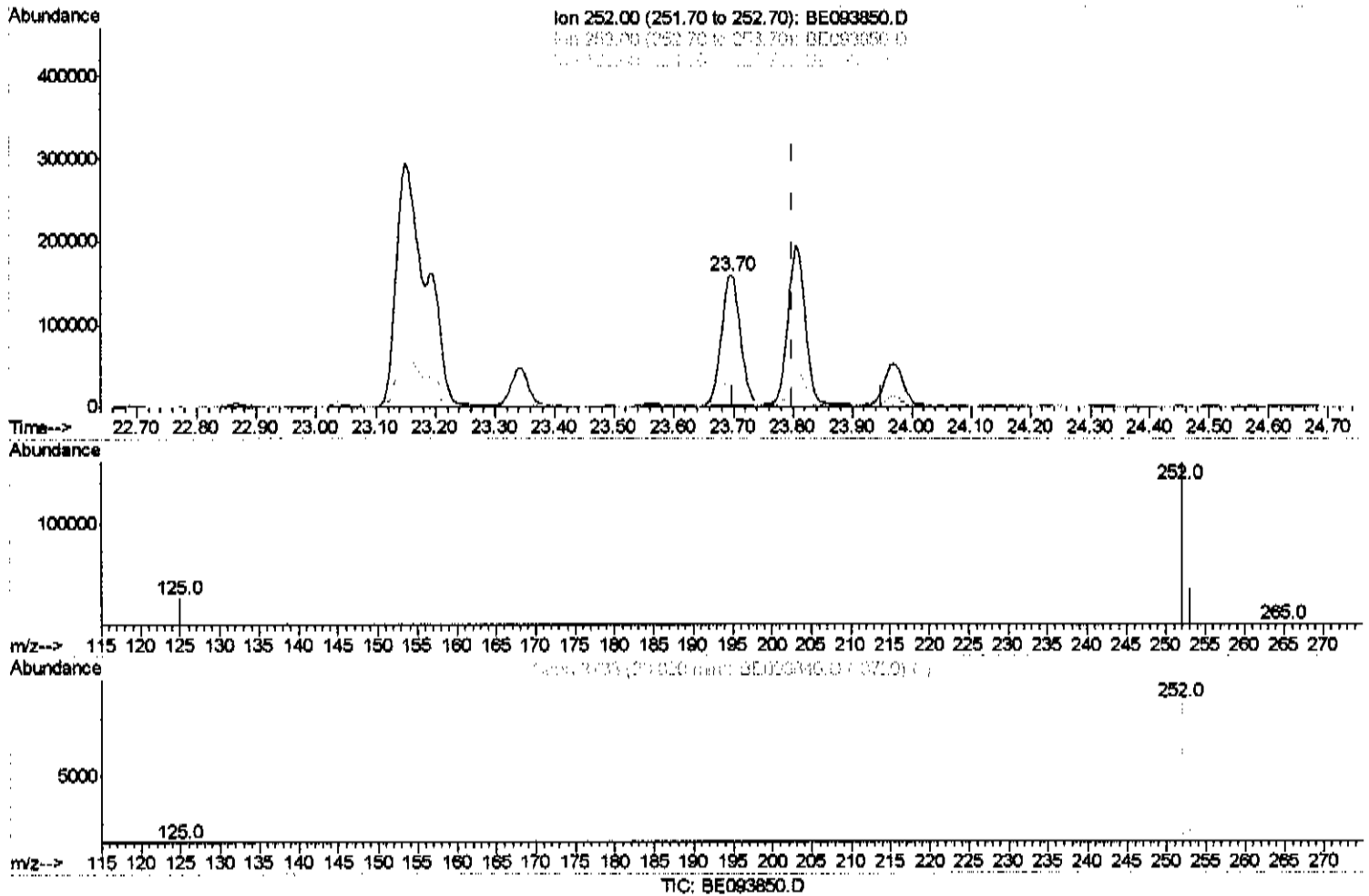
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(23) Benzo(a)pyrene (C)

23.696min (-0.105) 7.54ng/ul

response 353513

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.73#
125.00	22.60	16.56#
0.00	0.00	0.00

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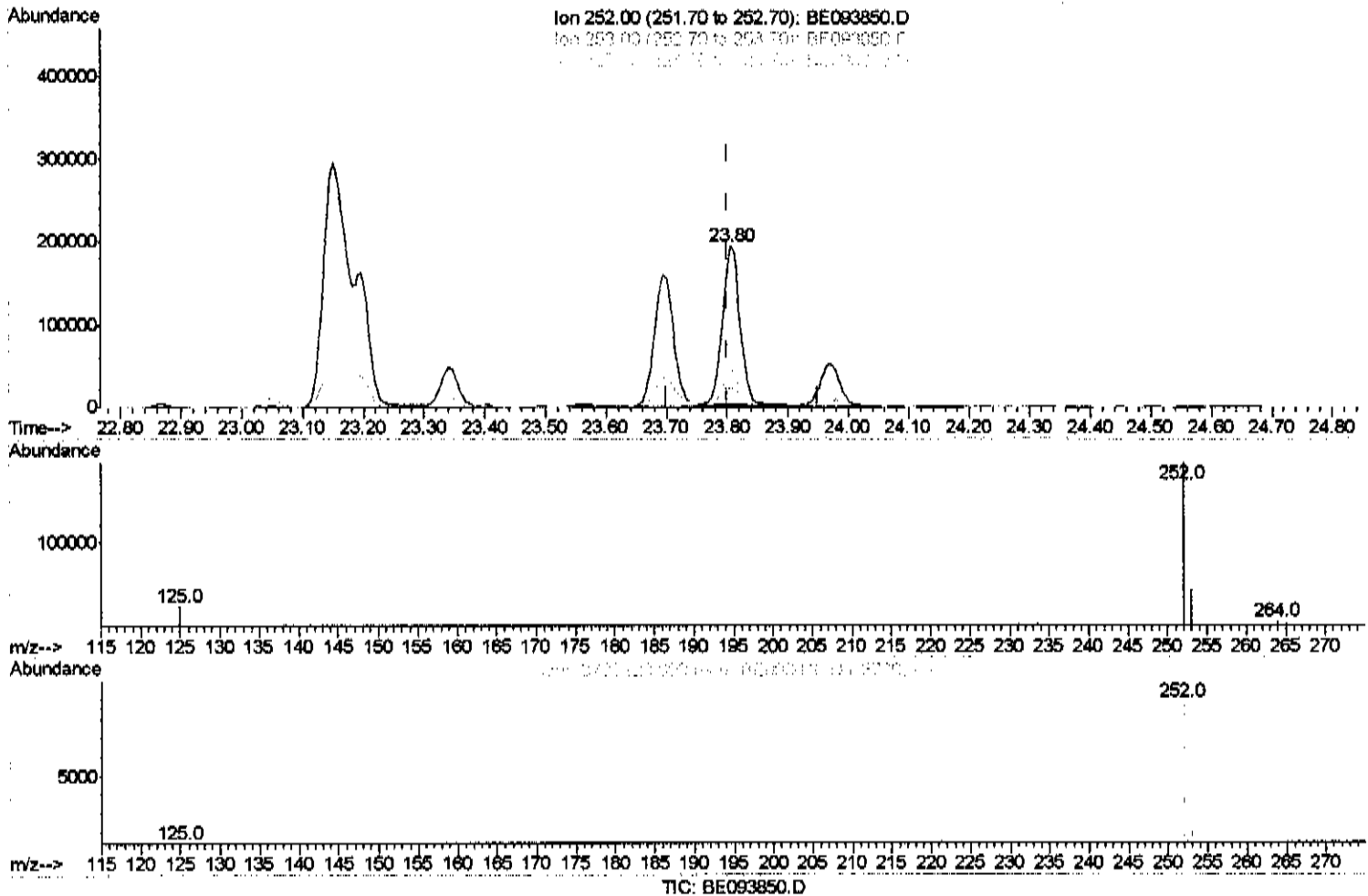
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(23) Benzo(a)pyrene (C)

23.805min (+0.004) 8.21ng/ul m

response 384826

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.10#
125.00	22.60	12.78#
0.00	0.00	0.00

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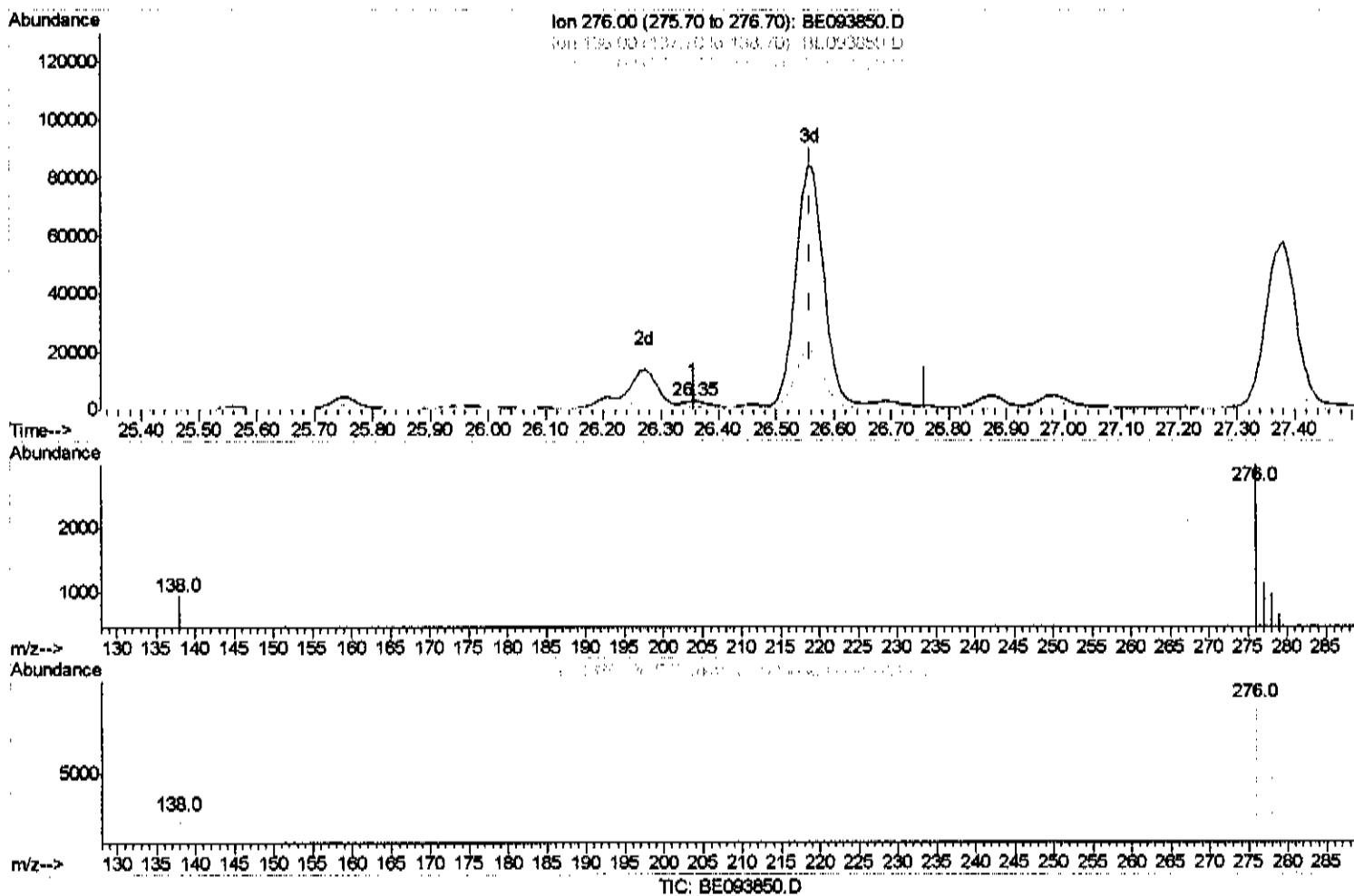
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(24) Indeno(1,2,3-cd)pyrene

26.354min (-0.204) 0.12ng/ul

response 6248

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

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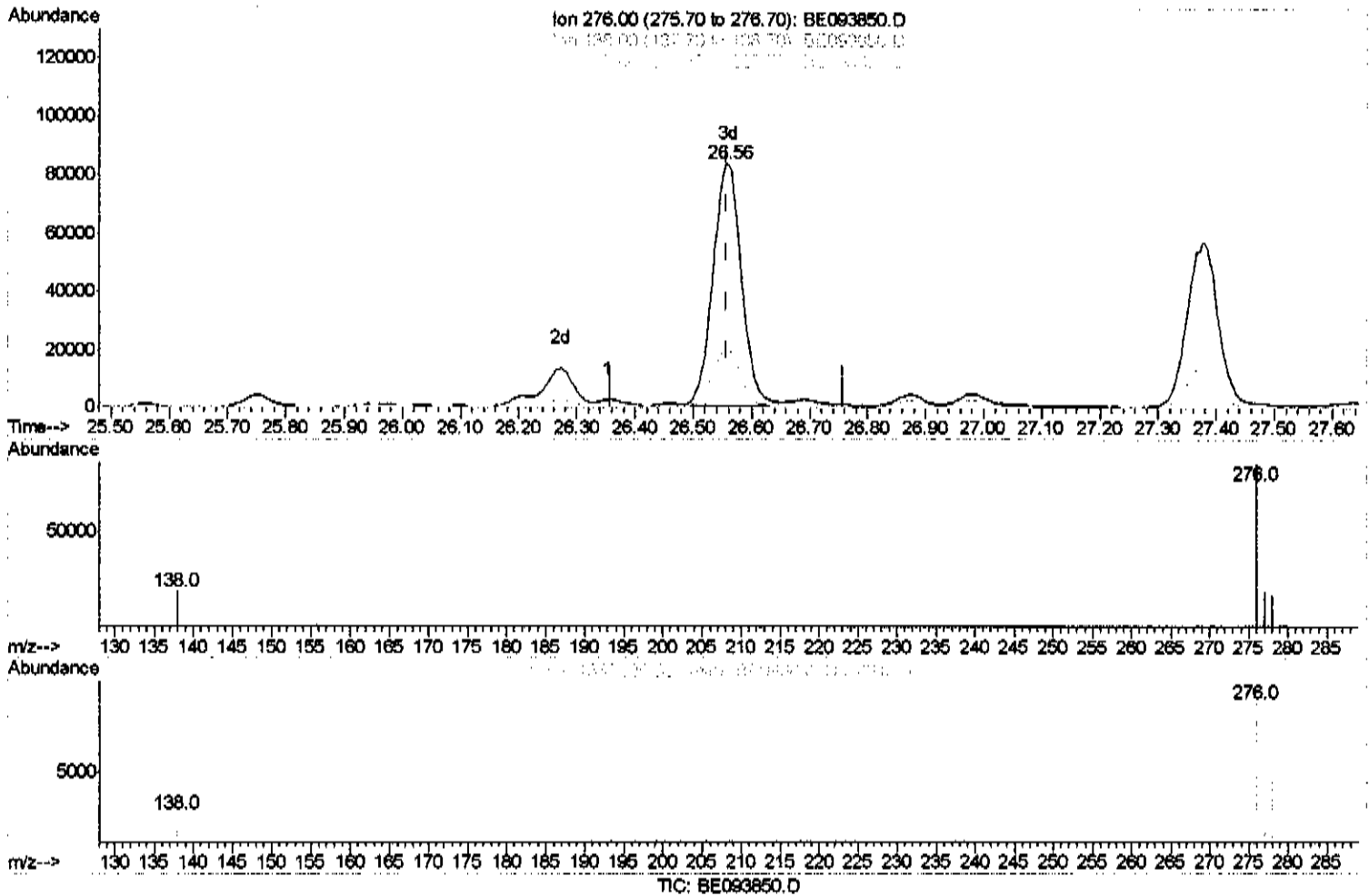
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(24) Indeno(1,2,3-cd)pyrene

26.559min (+0.001) 5.46ng/ul m

response 282774

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

Handwritten signature and date: 8/17/17

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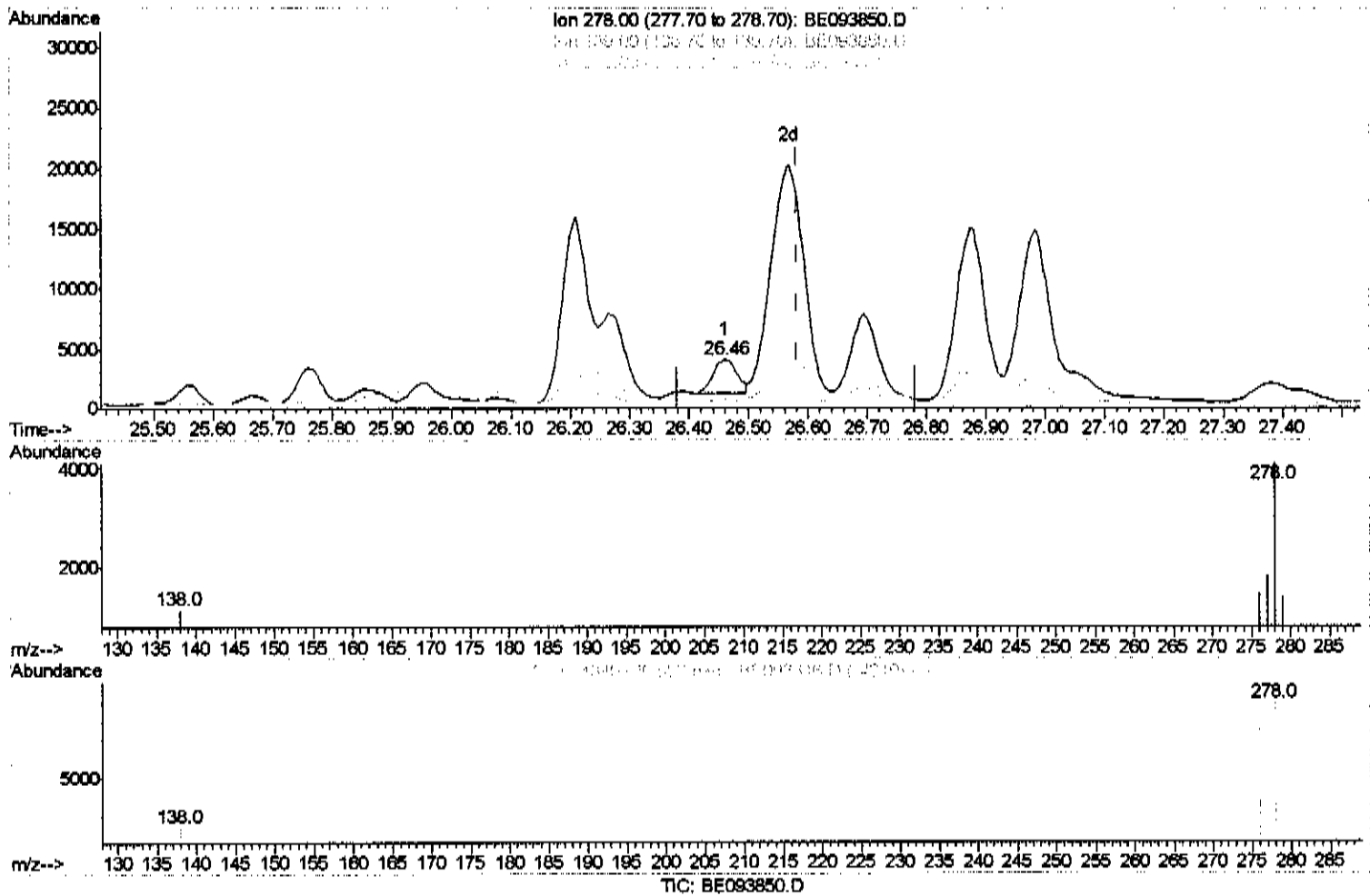
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(25) Dibenzo(a,h)anthracene

26.459min (-0.122) 0.19ng/ul

response 8286

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	18.53
279.00	32.40	33.38
0.00	0.00	0.00

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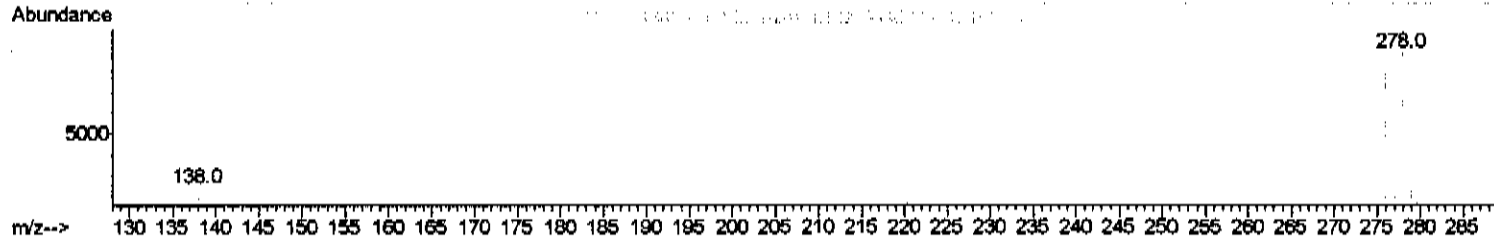
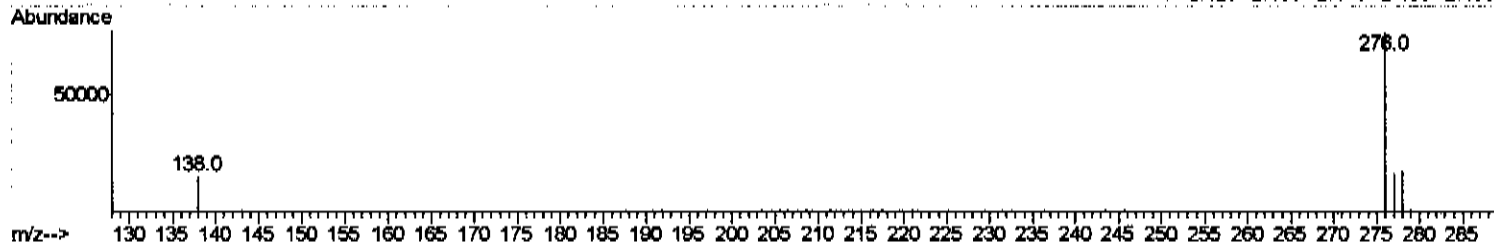
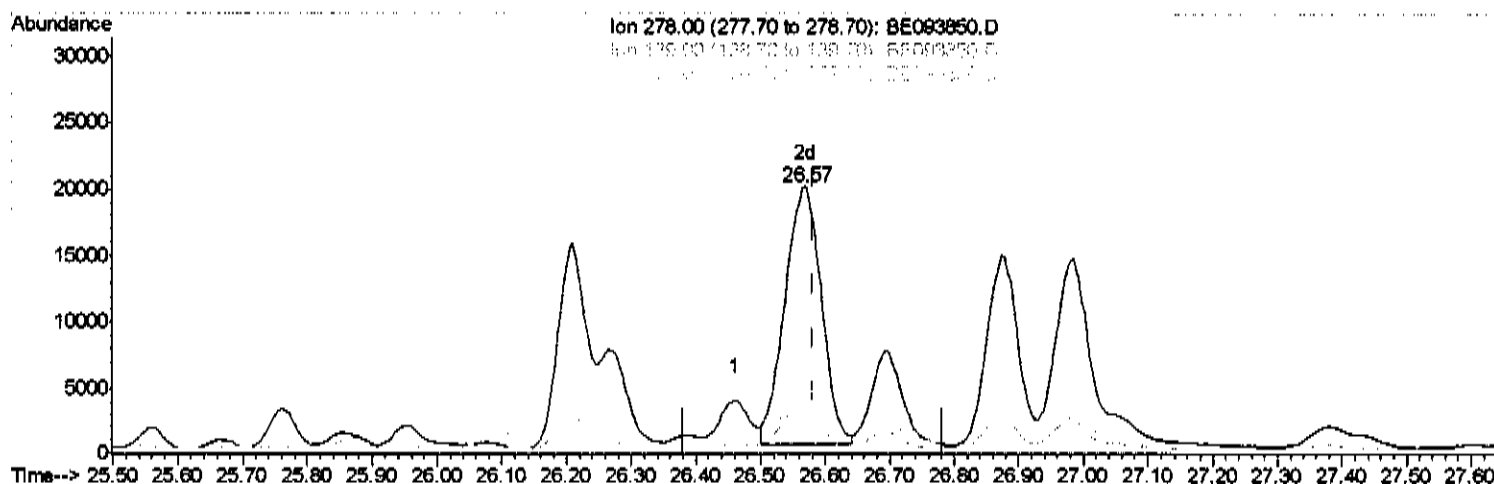
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TIC: BE093850.D

(25) Dibenzo(a,h)anthracene

26.569min (-0.013) 1.77ng/ul m

response 76712

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	19.20
279.00	32.40	25.40#
0.00	0.00	0.00

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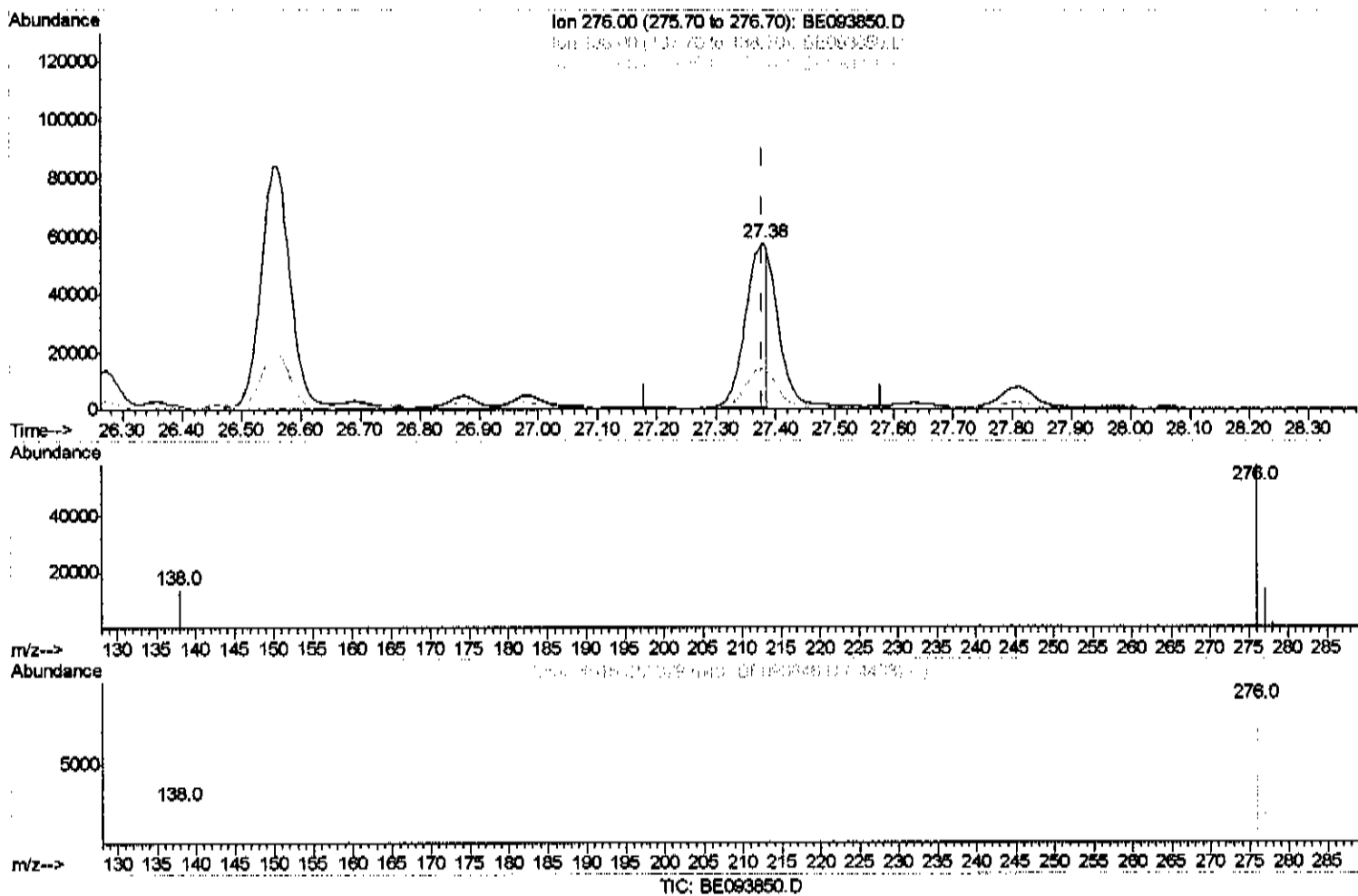
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(26) Benzo(g,h,i)perylene

27.380min (+0.001) 3.22ng/ul

response 140425

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	24.35
277.00	25.60	24.33
0.00	0.00	0.00

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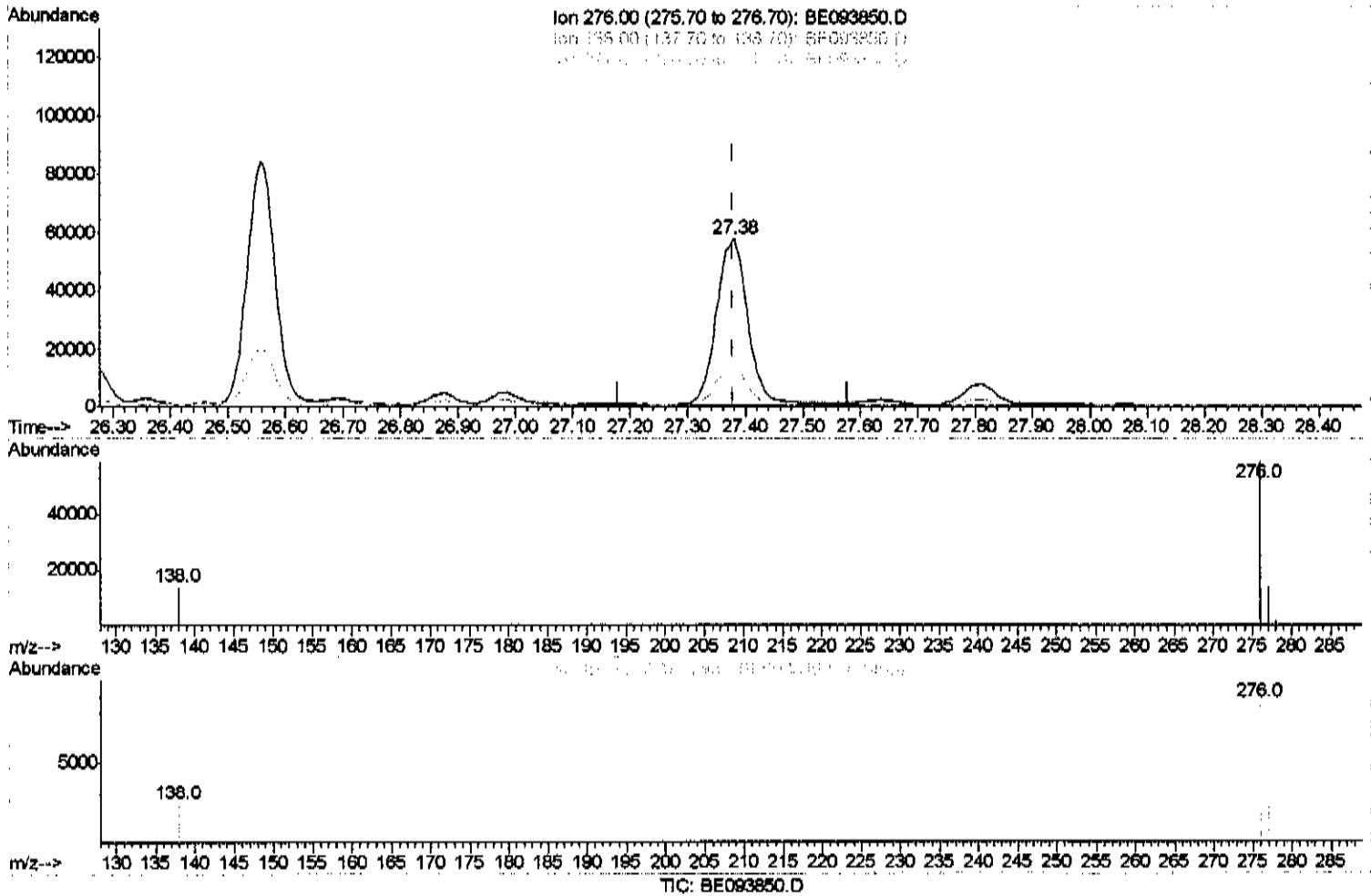
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(26) Benzo(g,h,i)perylene

27.380min (+0.001) 4.98ng/ul m

response 217340

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	24.35
277.00	25.80	24.33
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	7.92	152	2369	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12619	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7892	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	17024	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	17916	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	15931m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	3335	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	9563	0.18	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.76	128	53390	1.739	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	37256	1.664	ng/ul	99
7) Acenaphthylene	14.24	152	24753	0.750	ng/ul	99
8) Acenaphthene	14.58	153	9463	0.364	ng/ul	96
9) Fluorene	15.57	166	14282	0.435	ng/ul	92
12) Phenanthrene	17.29	178	588167	12.686	ng/ul#	89
13) Anthracene	17.38	178	156321	3.462	ng/ul#	89
15) Fluoranthene	19.30	202	895871	15.451	ng/ul	84
17) Pyrene	19.66	202	774202	14.804	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	465607	8.964	ng/ul#	84
19) Chrysene	21.45	228	536920	10.777	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	710511	14.418	ng/ul	85
22) Benzo(k)fluoranthene	23.19	252	305340m	6.283	ng/ul	
23) Benzo(a)pyrene	23.80	252	384826m	8.210	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.56	276	282774m	5.464	ng/ul	
25) Dibenzo(a,h)anthracene	26.57	278	76712m	1.774	ng/ul	
26) Benzo(a,h,i)perylene	27.38	276	217340m	4.984	ng/ul	

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