

Quantitation Report (QT Reviewed)

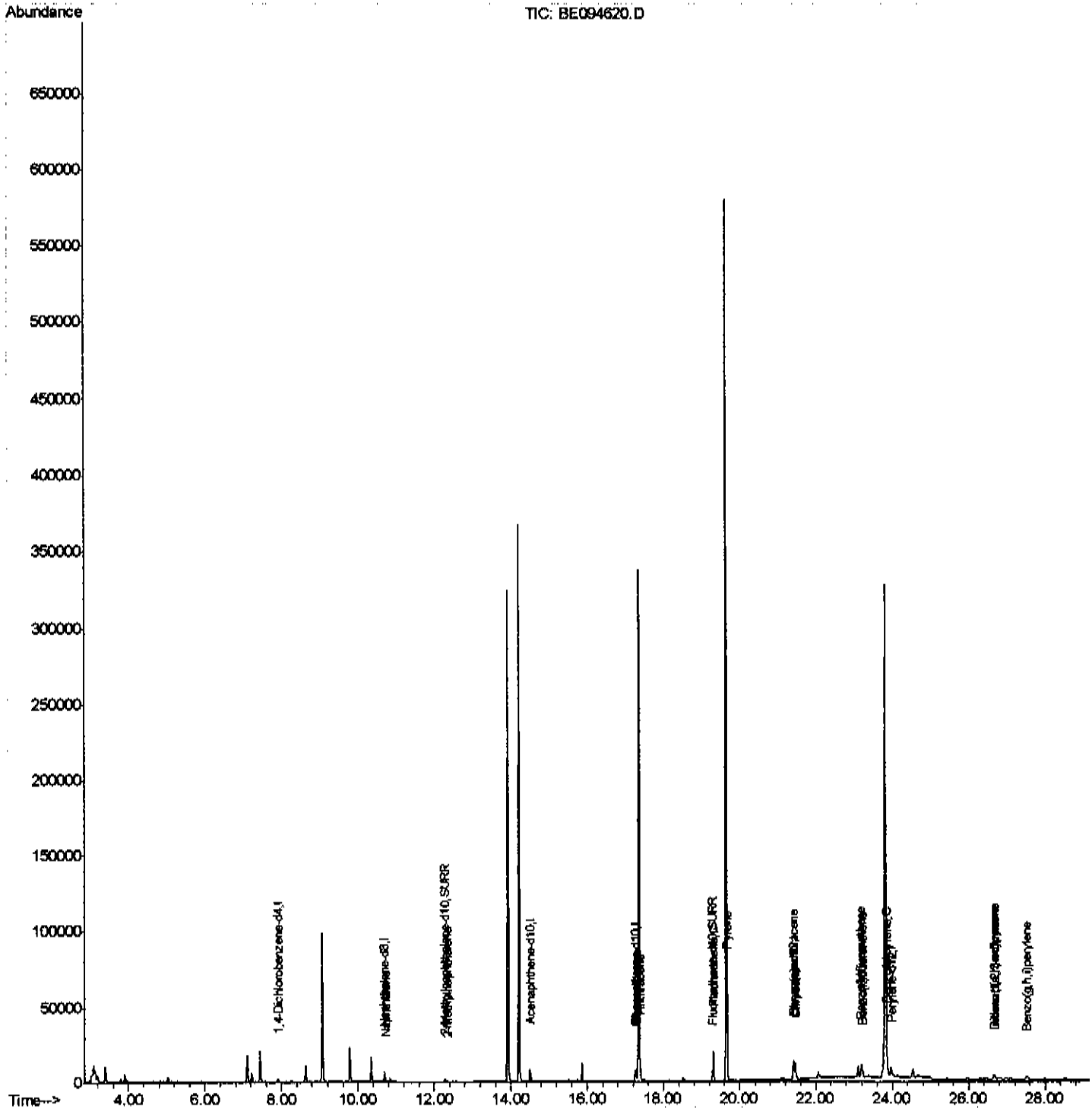
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094620.D
 Acq On : 28 Oct 2017 13:27
 Operator : SJ/JU
 Sample : I5842-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AA4

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:00 PM

Quant Time: Oct 30 03:48:00 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 OLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

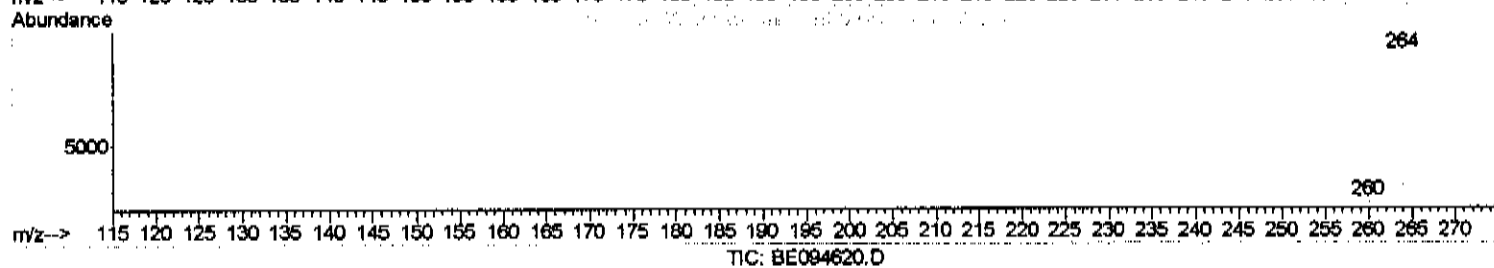
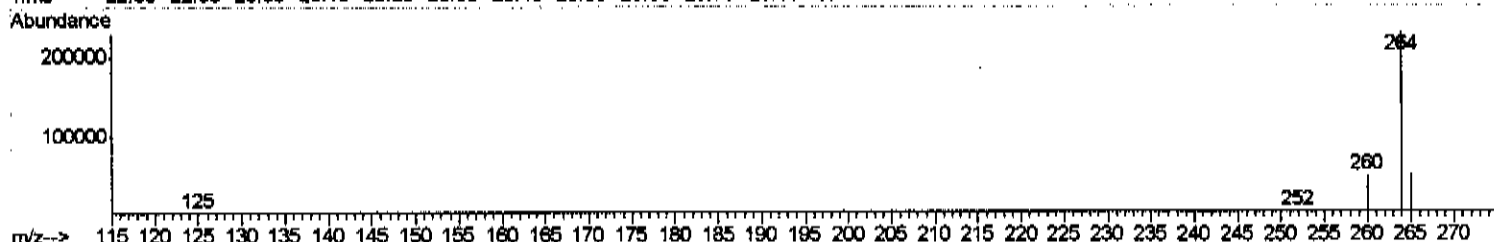
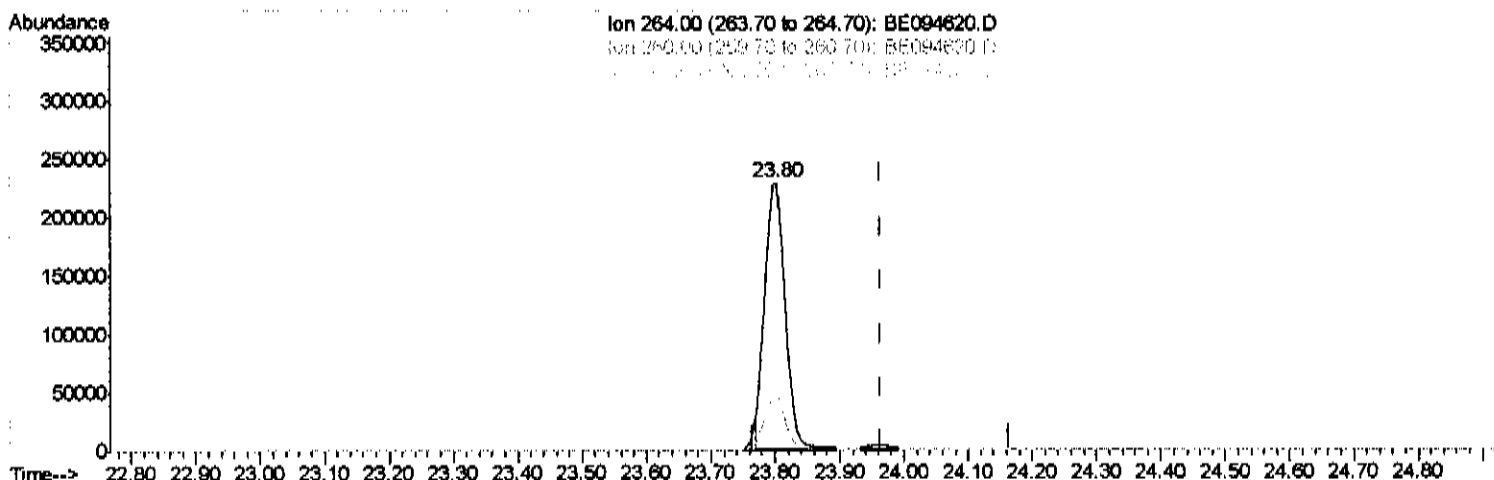
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(20) Perylene-d12 (I)
 23.801min (-0.163) 0.40ng/ul
 response 491626

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.69#
265.00	103.50	21.77#
0.00	0.00	0.00

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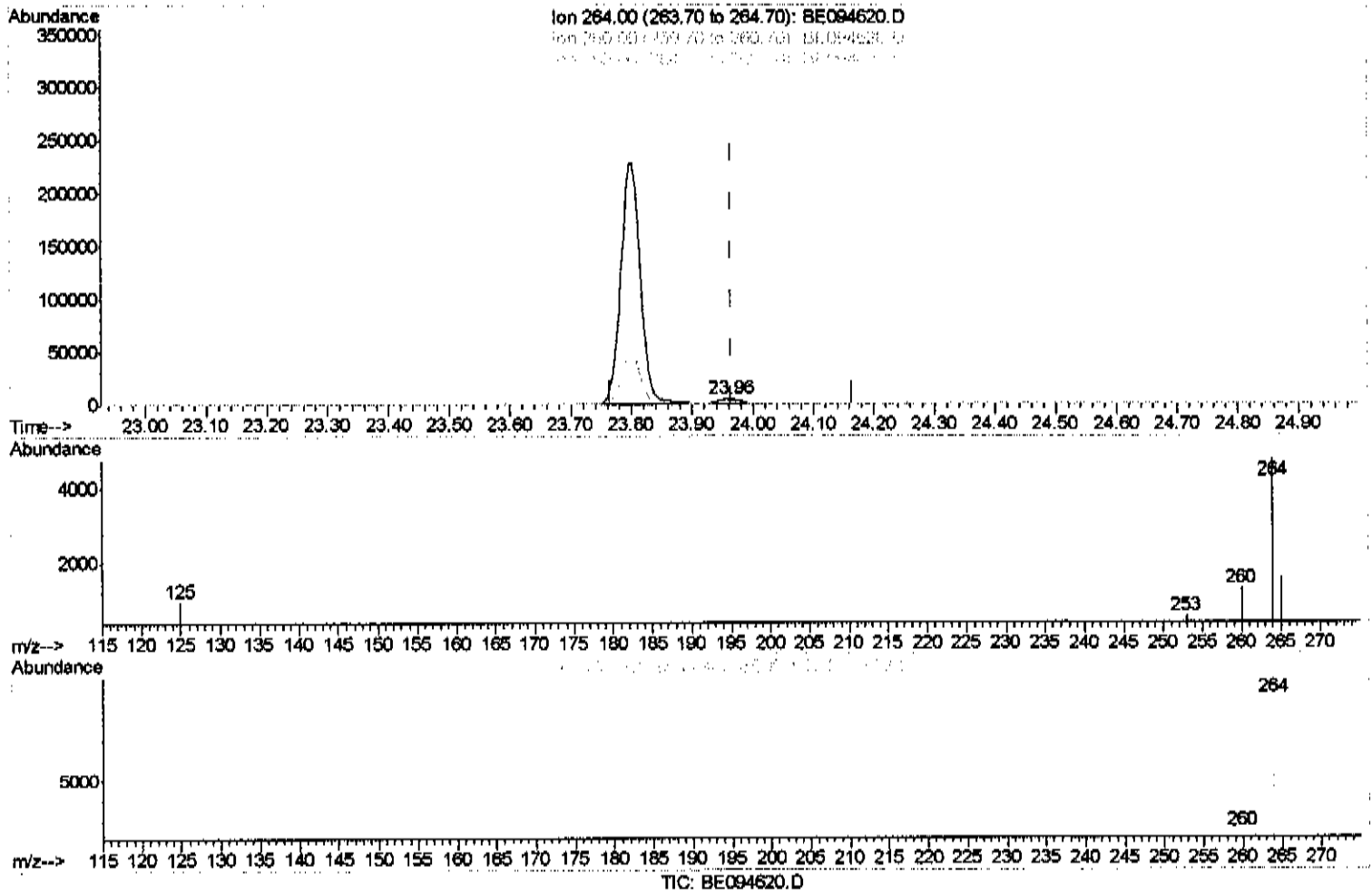
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(20) Perylene-d12 (I)

23.960min (-0.004) 0.40ng/ul m

response 8996

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.59
265.00	103.50	34.10#
0.00	0.00	0.00

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Quantitation Report (Qedit)

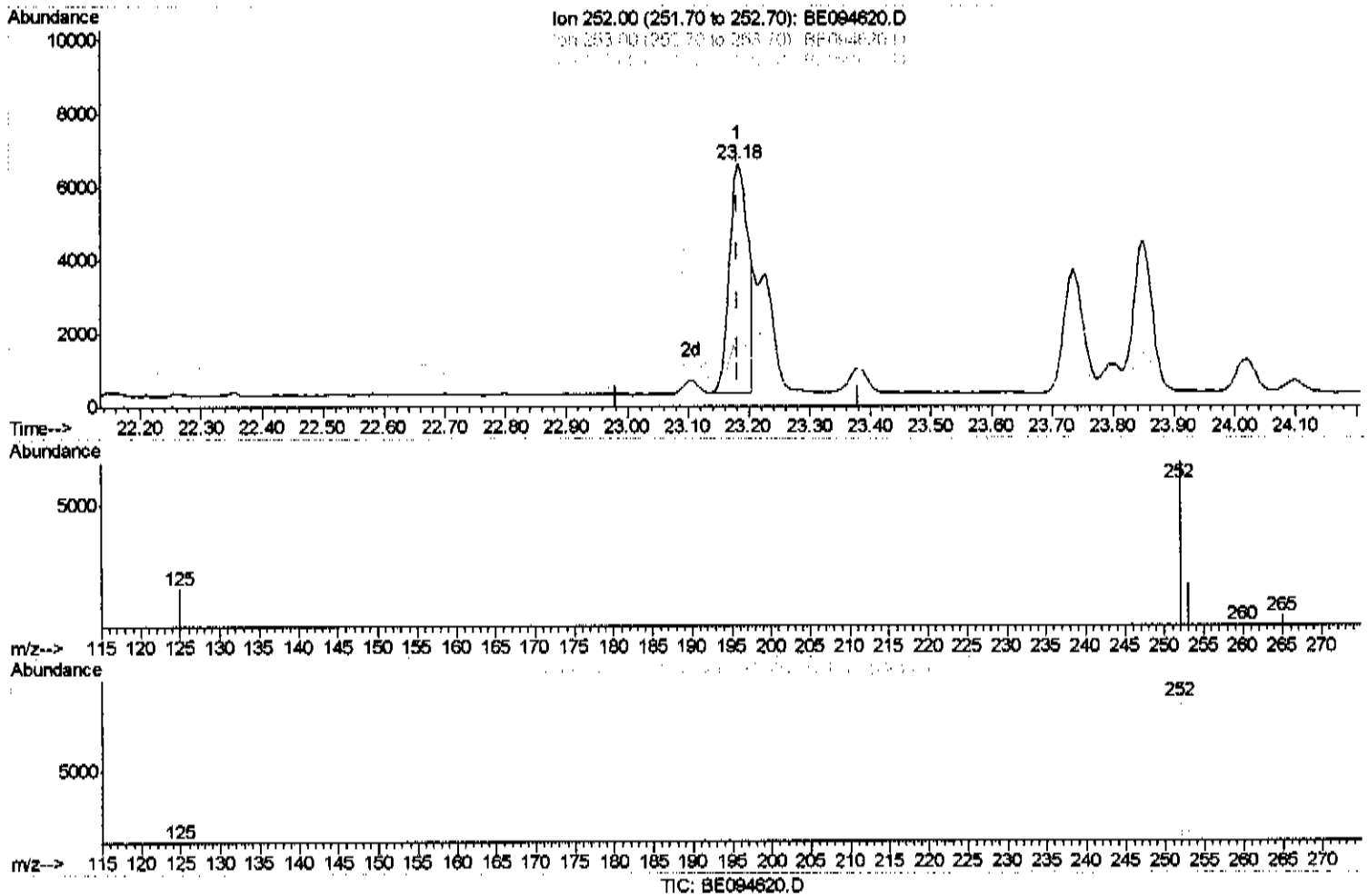
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(21) Benzo(b)fluoranthene
 23.182min (+0.001) 0.53ng/ul
 response 13450

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	28.89
125.00	17.50	26.04
0.00	0.00	0.00

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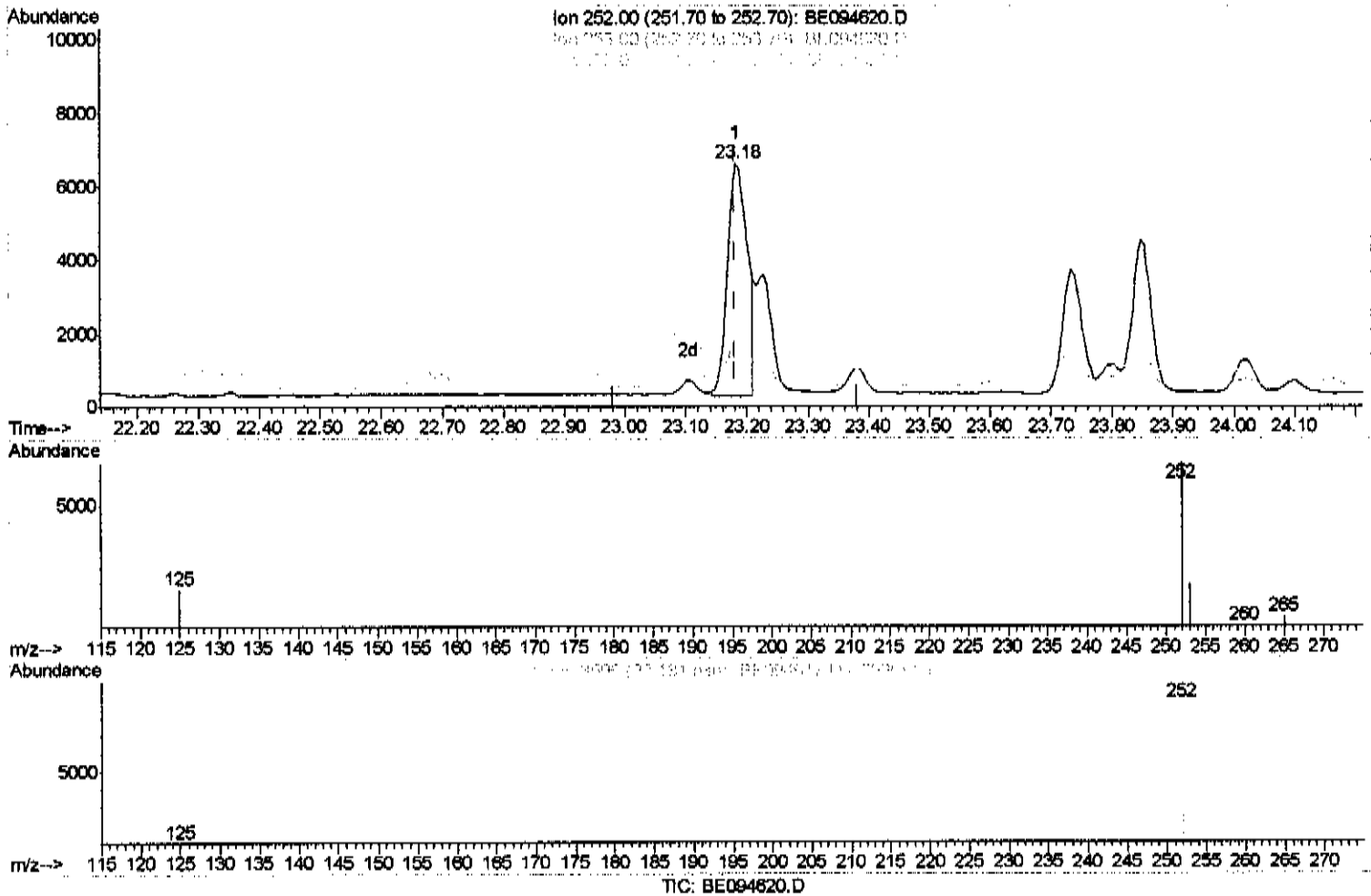
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(21) Benzo(b)fluoranthene

23.182min (+0.001) 0.58ng/ul m

JU 10/31/17

response 14694

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	28.89
125.00	17.50	28.04
0.00	0.00	0.00

Quantitation Report (Qedit)

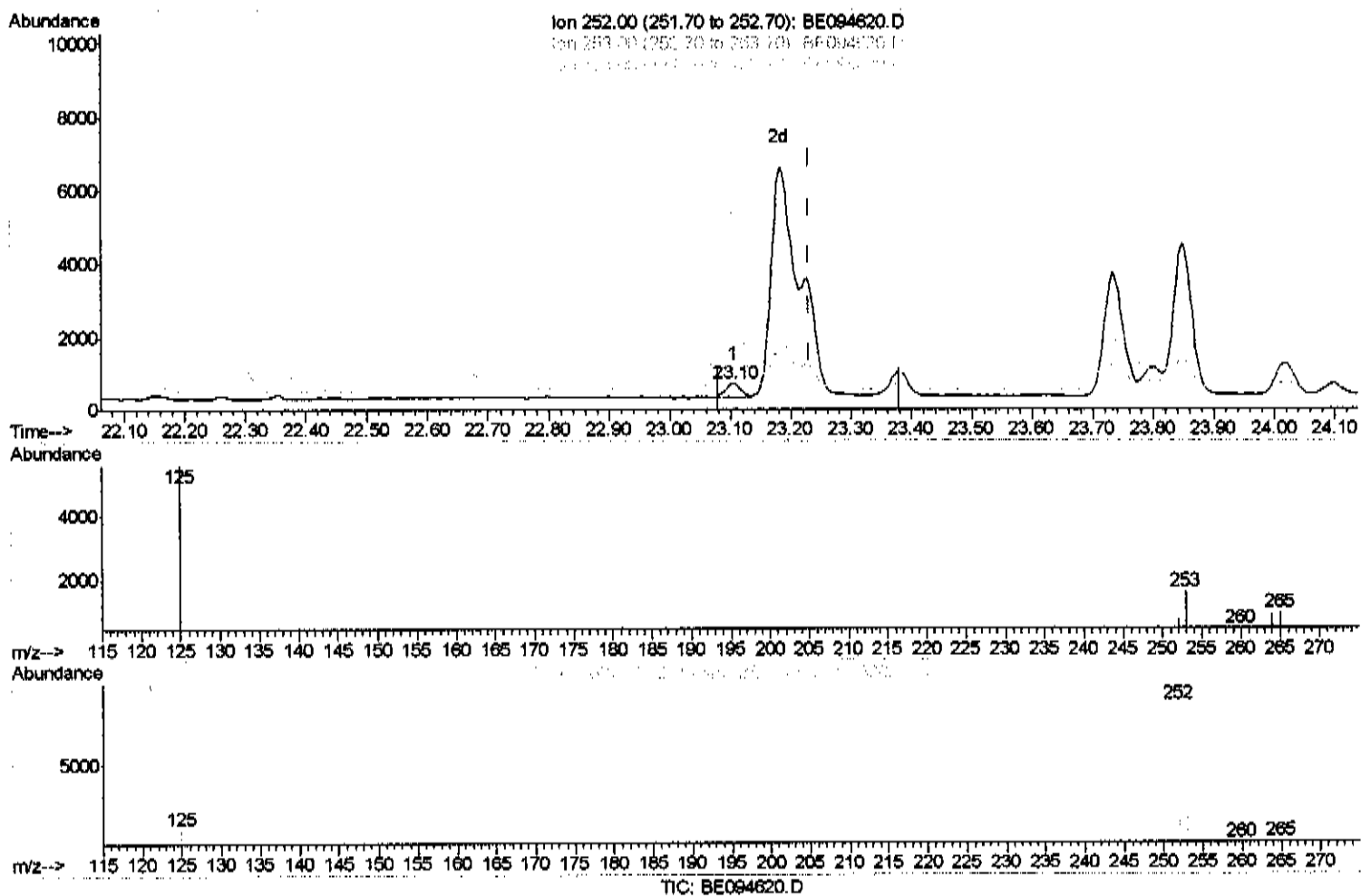
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(22) Benzo(k)fluoranthene

23.104min (-0.127) 0.03ng/ui

response 681

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	219.92#
125.00	17.10	769.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

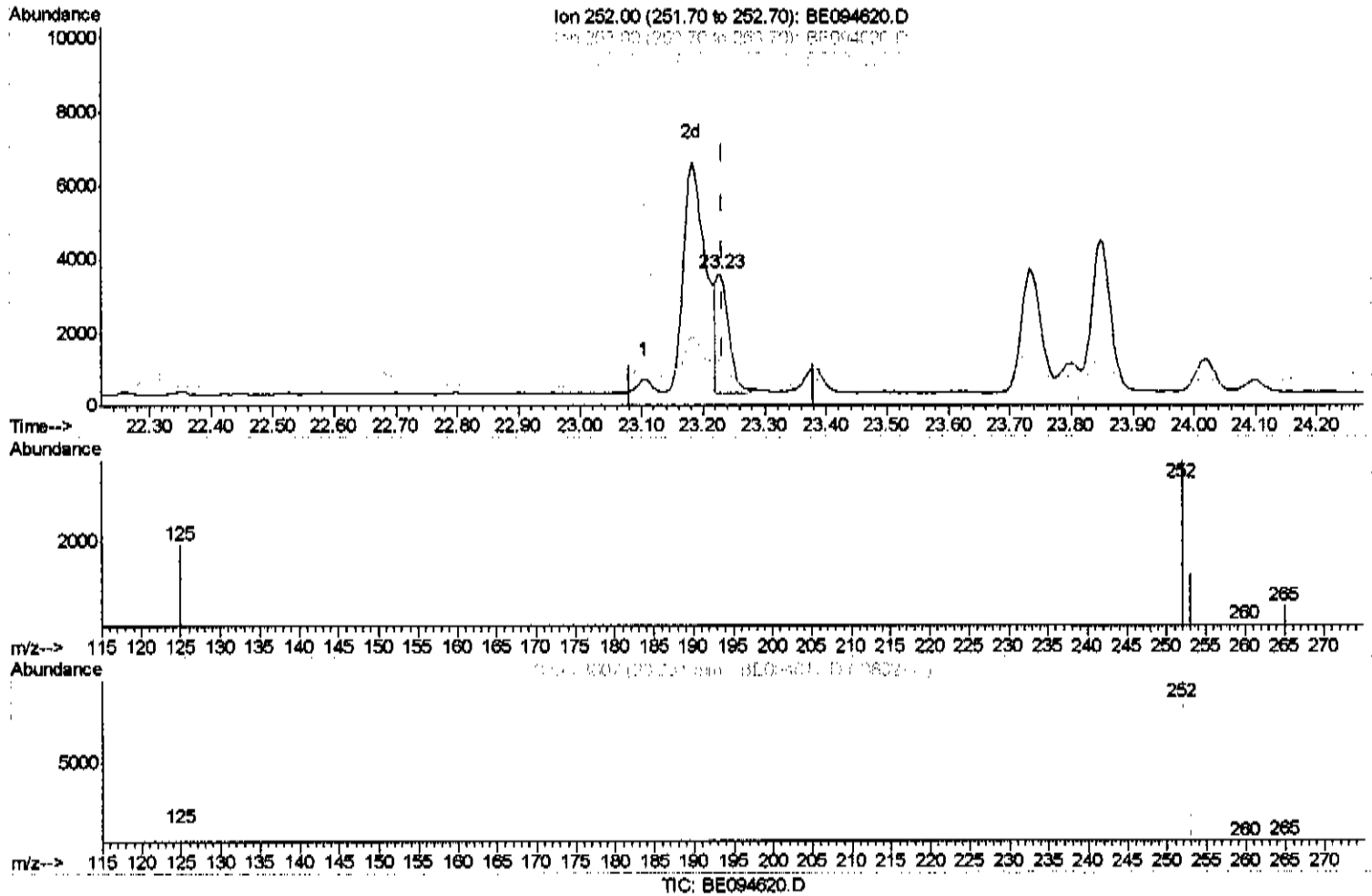
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 ALS Vial : 23 Sample Multiplier: 1

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(22) Benzo(k)fluoranthene

23.227min (-0.004) 0.17ng/ul m

response 4587

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	36.14
125.00	17.10	52.91#
0.00	0.00	0.00

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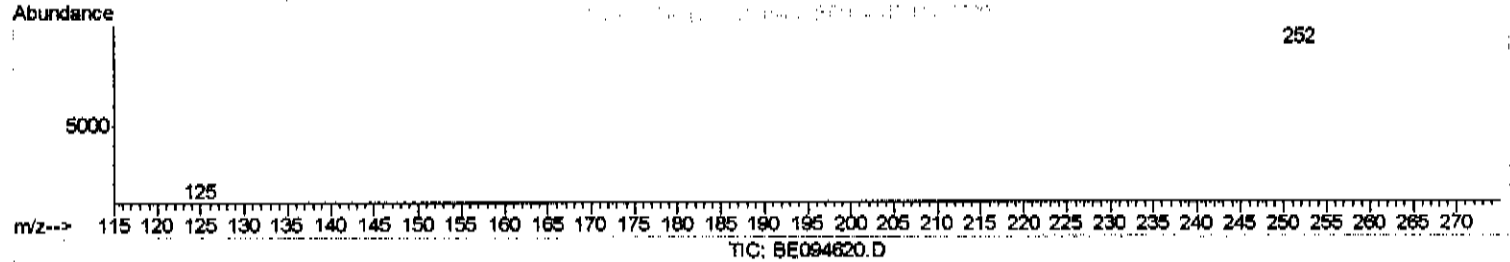
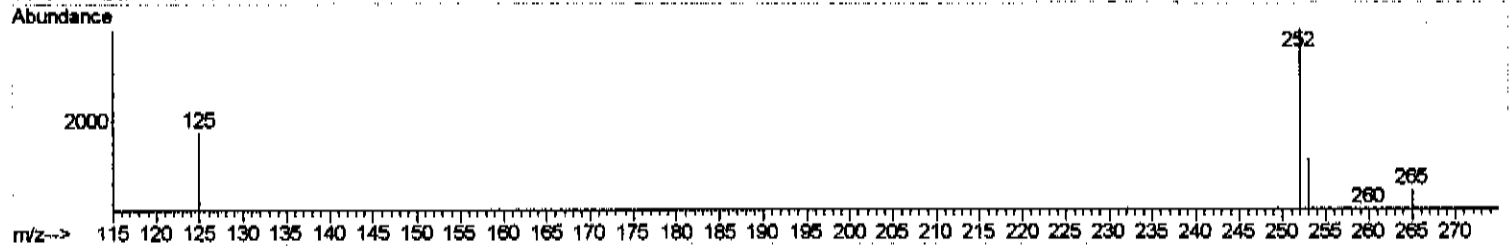
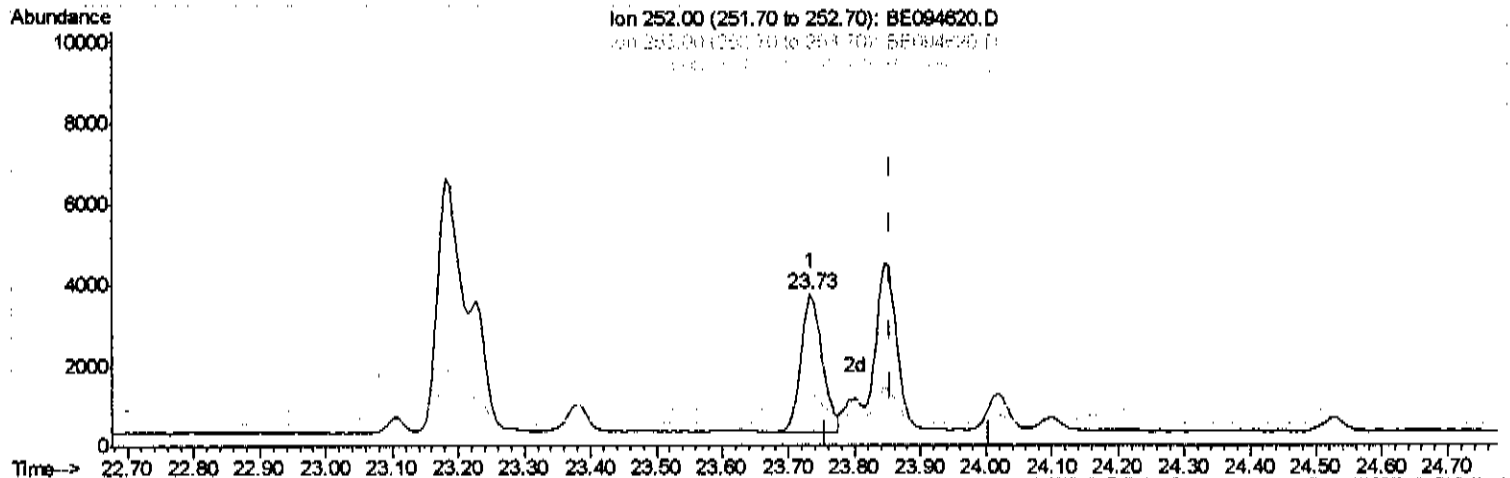
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(23) Benzo(a)pyrene (C)

23.733min (-0.122) 0.31ng/ul

response 7775

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	33.61
125.00	22.60	47.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

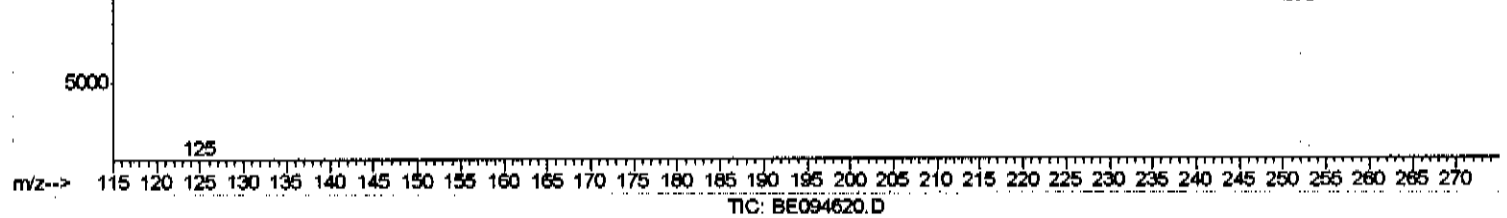
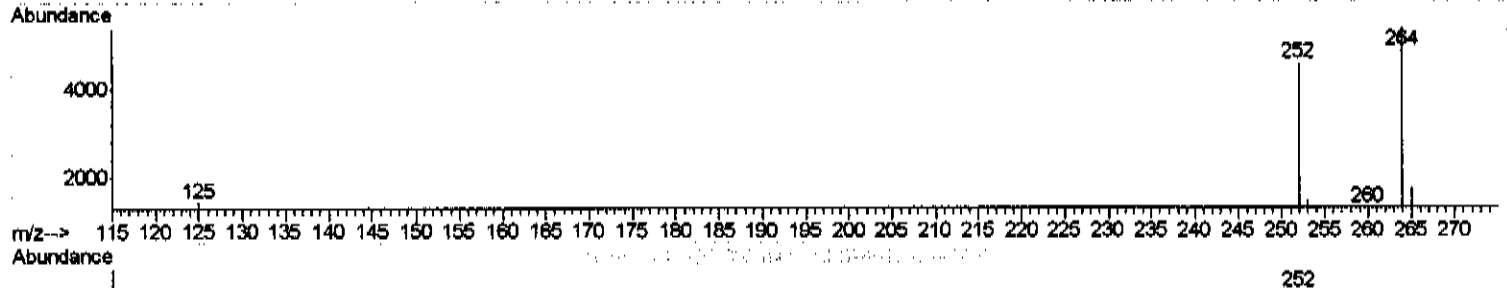
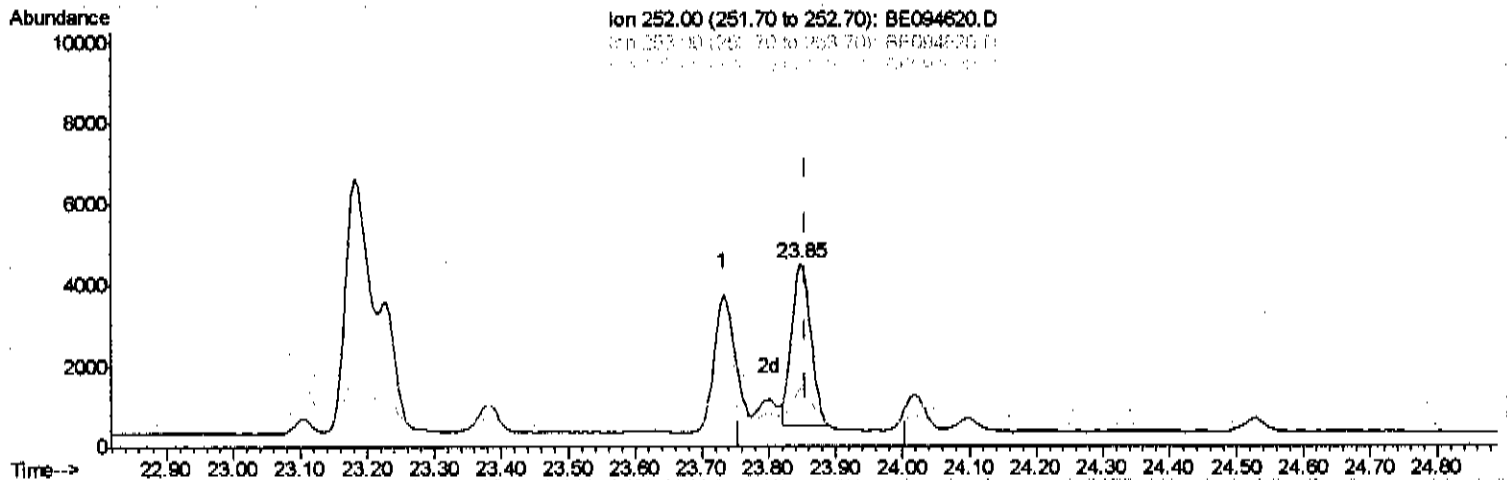
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 Misc :
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(23) Benzo(a)pyrene (C)

23.847min (-0.009) 0.32ng/ul m

response 8168

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	31.91
125.00	22.60	31.58#
0.00	0.00	0.00

JU 10/31/17

Quantitation Report (Qedit)

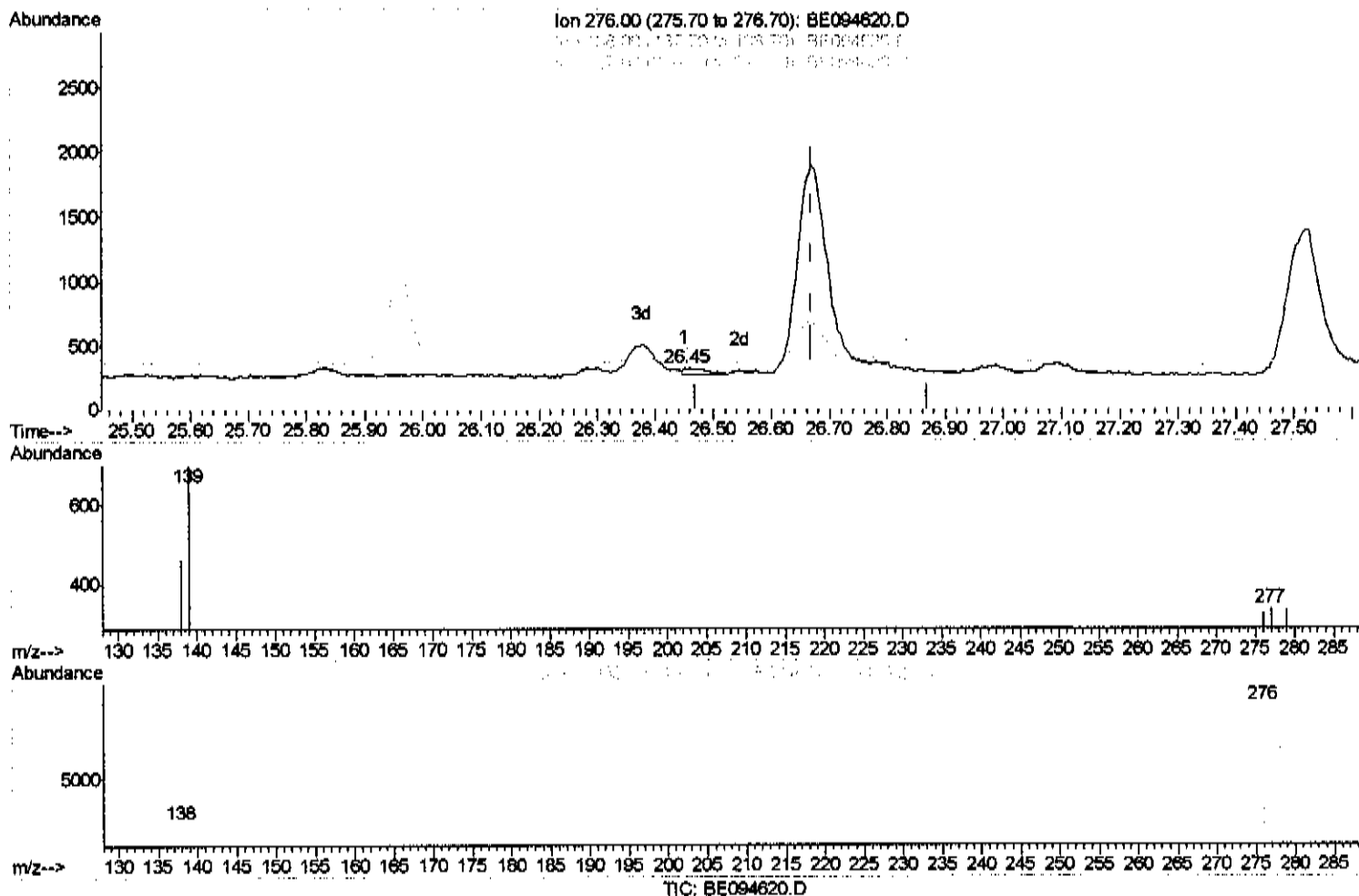
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(24) Indeno(1,2,3-cd)pyrene

26.450min (-0.219) 0.01ng/ul

response 140

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

Quantitation Report (Qedit)

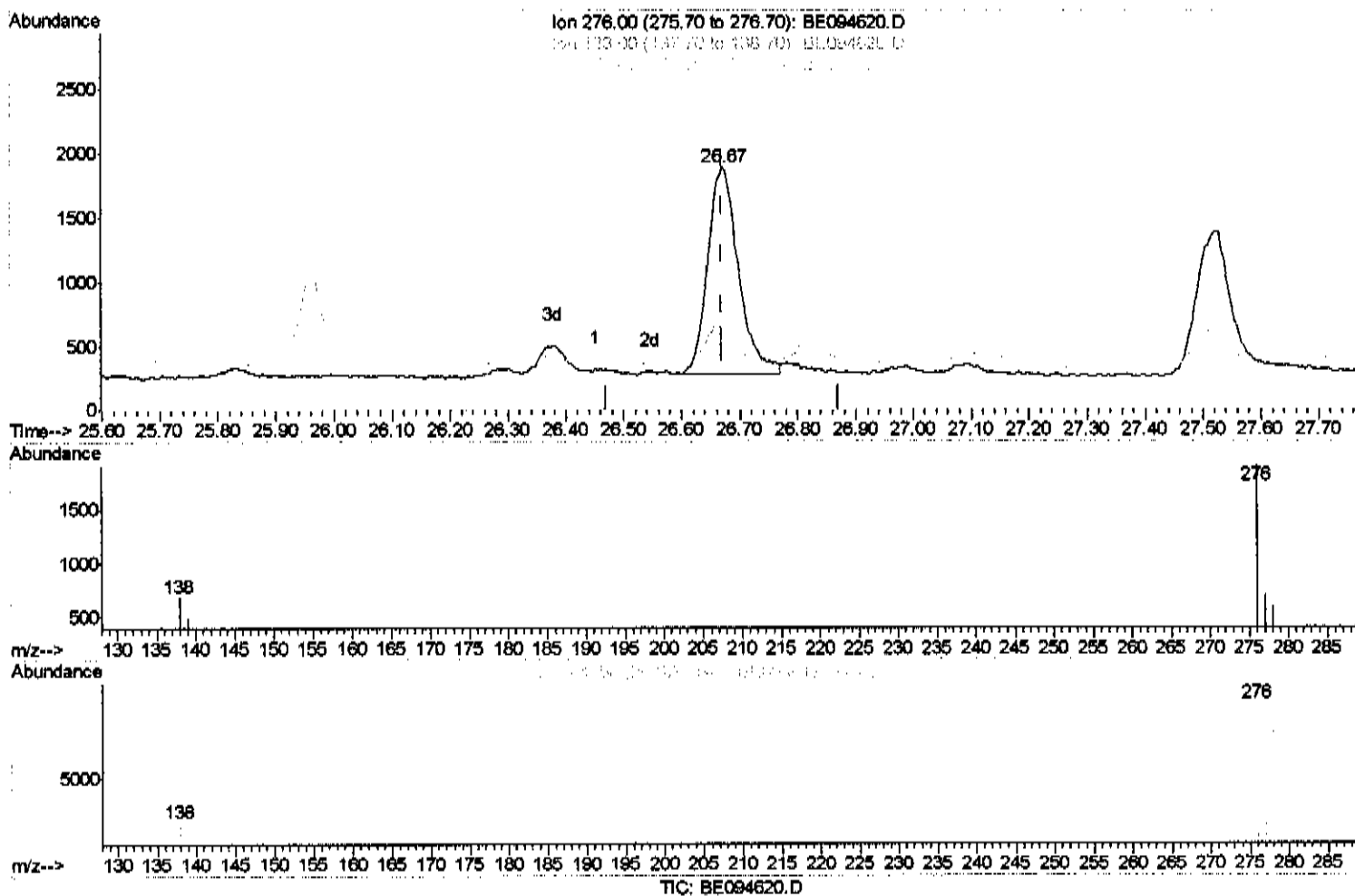
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(24) Indeno(1,2,3-cd)pyrene

26.669min (-0.001) 0.23ng/ul m

response 6015

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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Quantitation Report (Qedit)

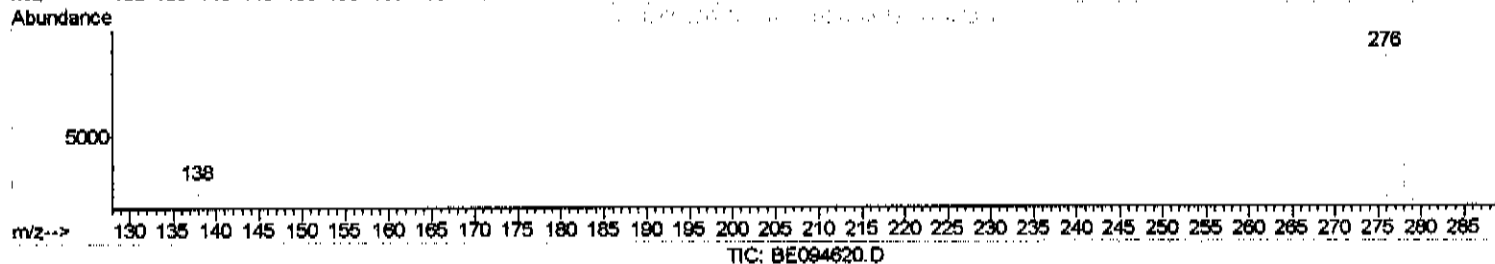
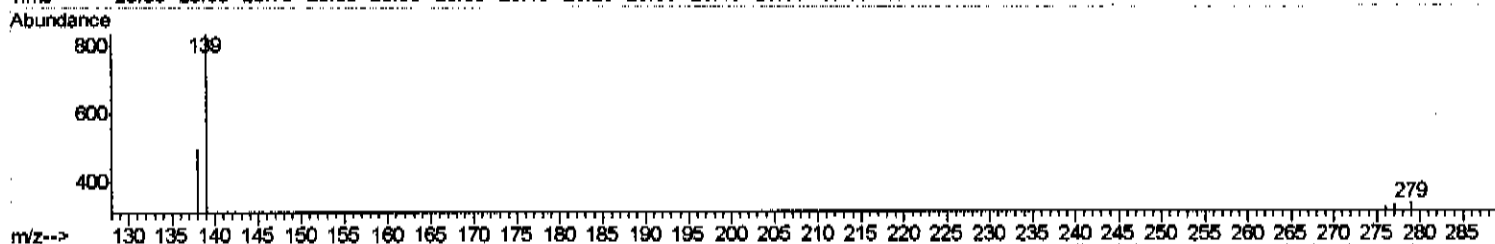
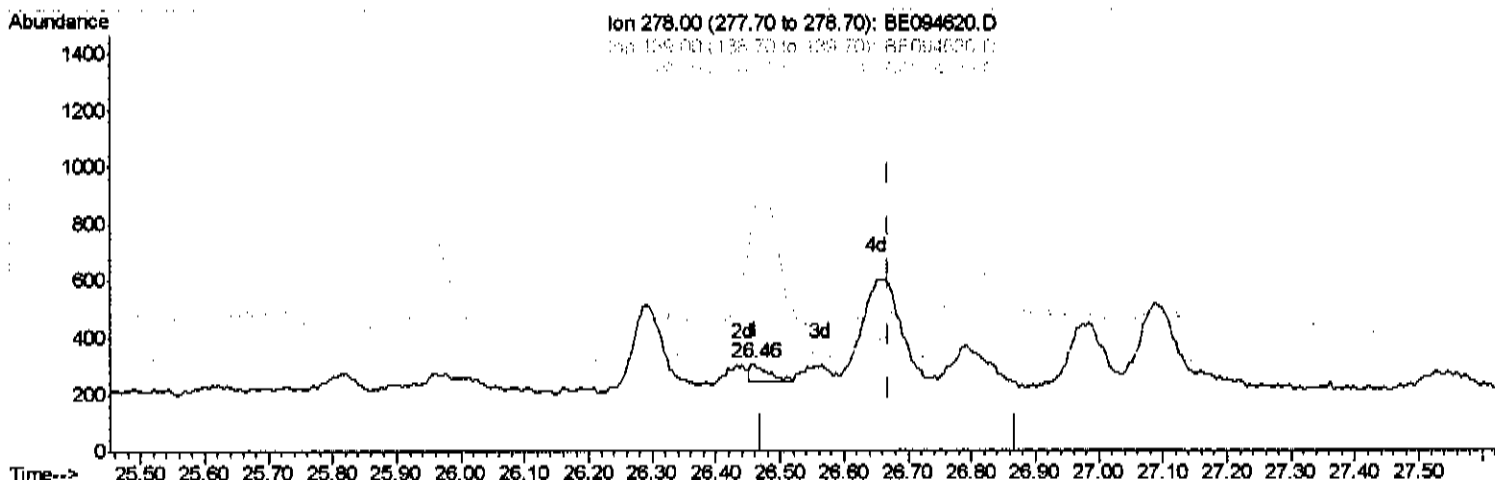
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(25) Dibenzo(a,h)anthracene

26.459min (-0.210) 0.01ng/ui

response 117

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	268.06#
279.00	32.40	107.74#
0.00	0.00	0.00

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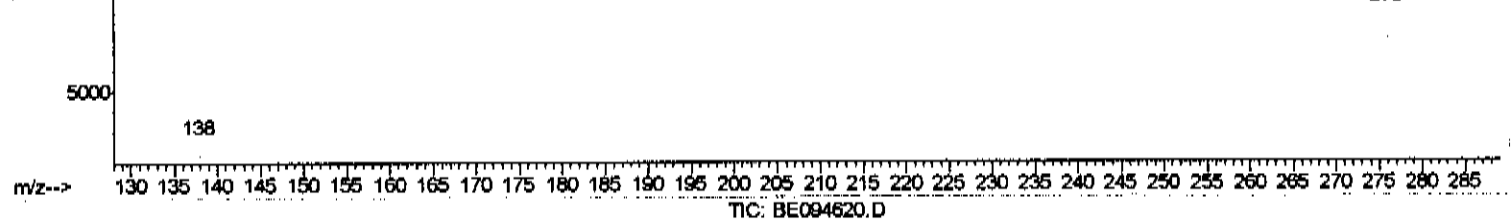
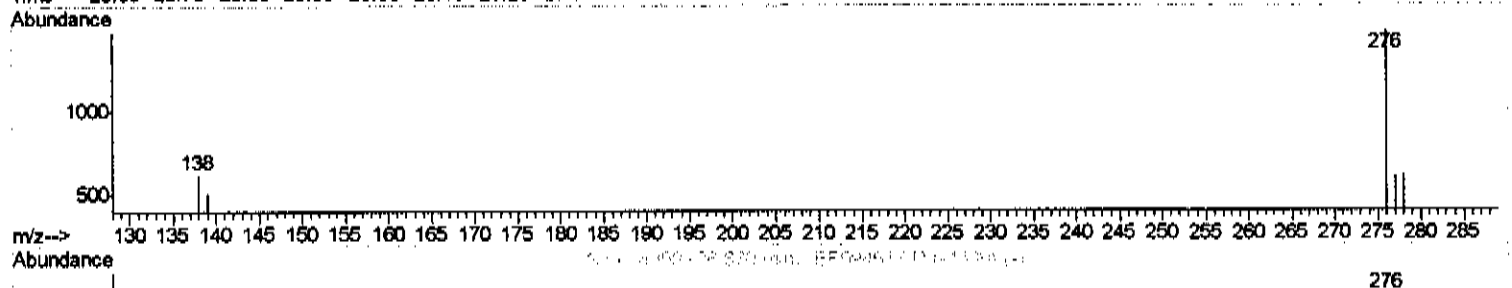
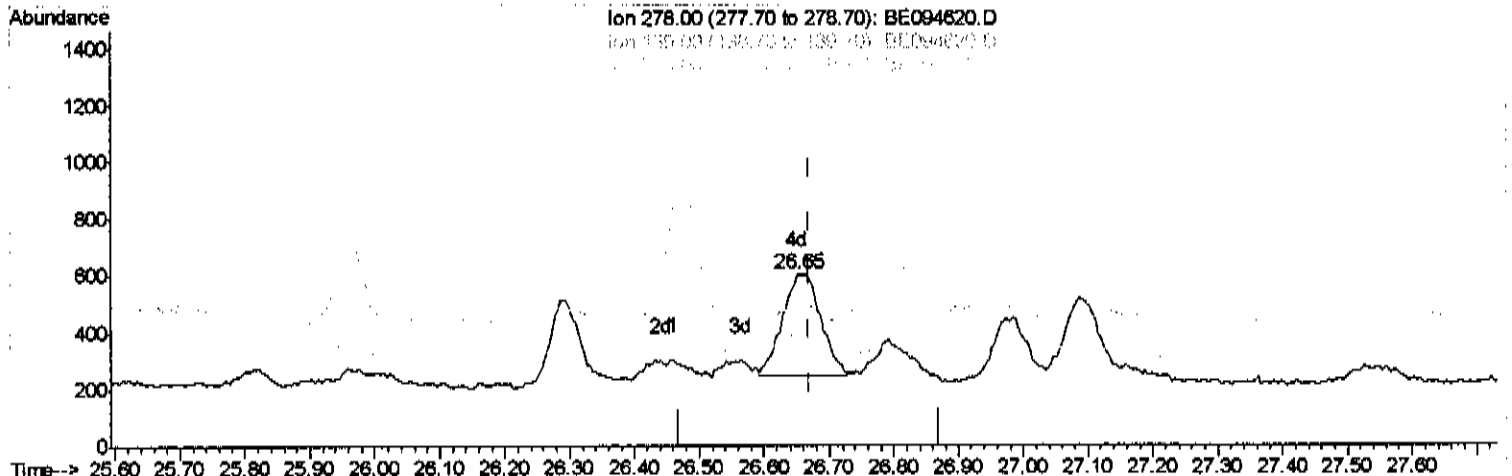
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(25) Dibenzo(a,h)anthracene

26.651min (-0.019) 0.07ng/ul m

10 10/31/17

response 1447

Ion	Exp%	Act%
278.00	100	100
138.00	21.70	83.25#
279.00	32.40	65.34#
0.00	0.00	0.00

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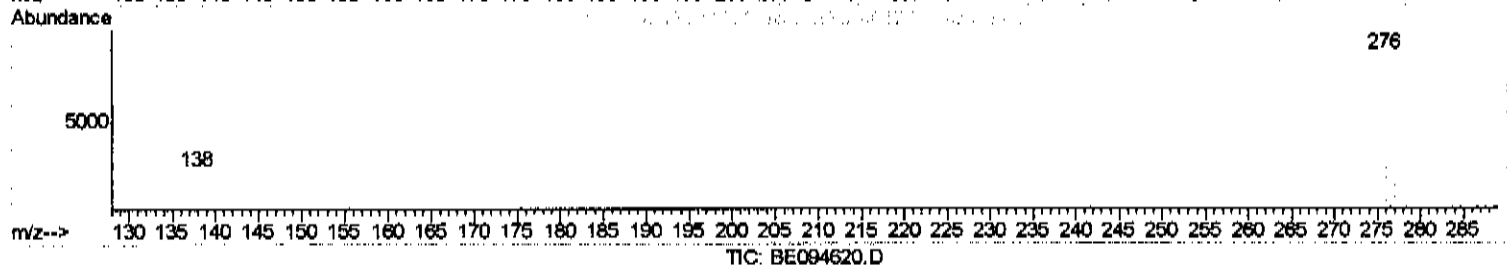
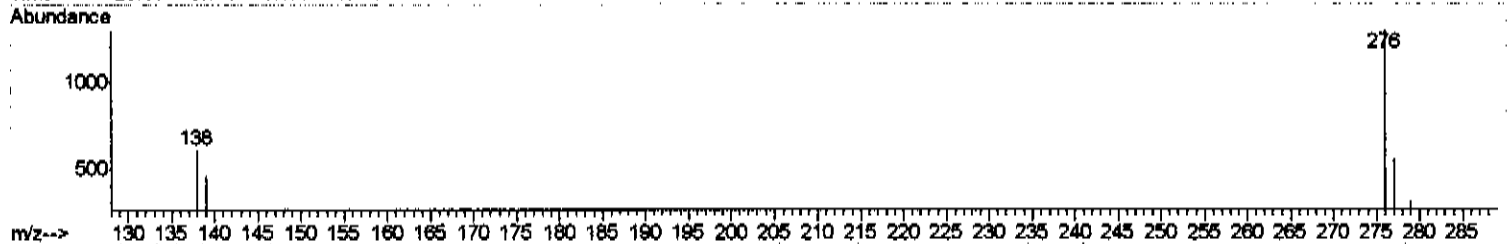
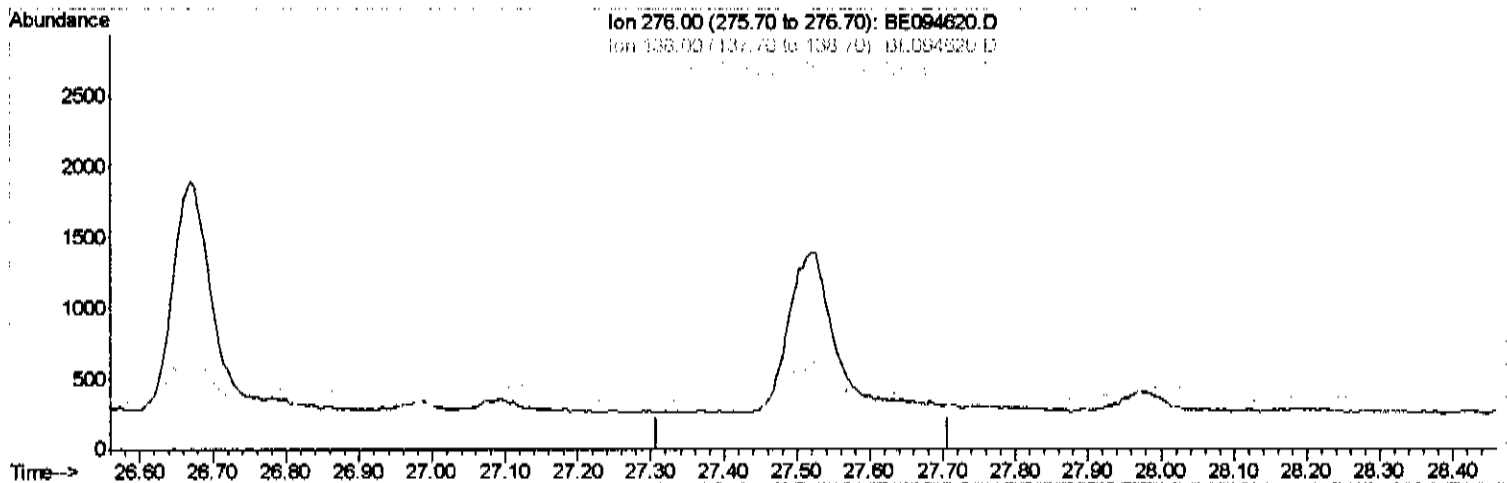
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(26) Benzo(g,h,i)perylene
 27.508min (-27.506) 0.00ng/ul
 response 0

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

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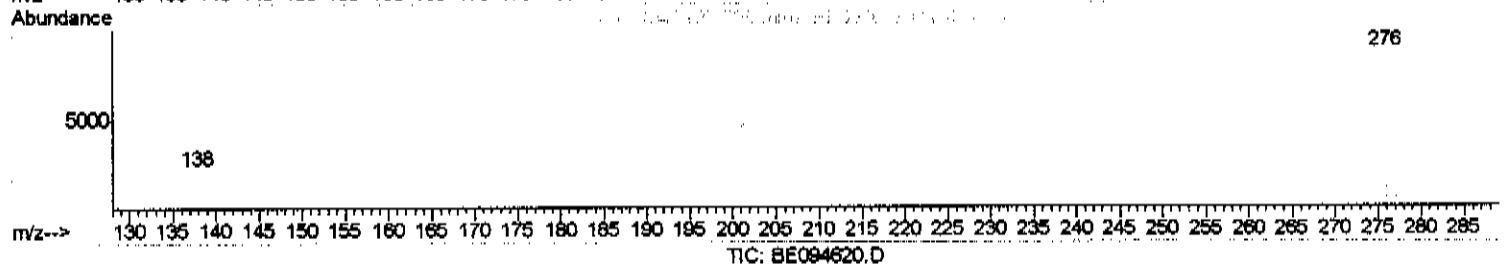
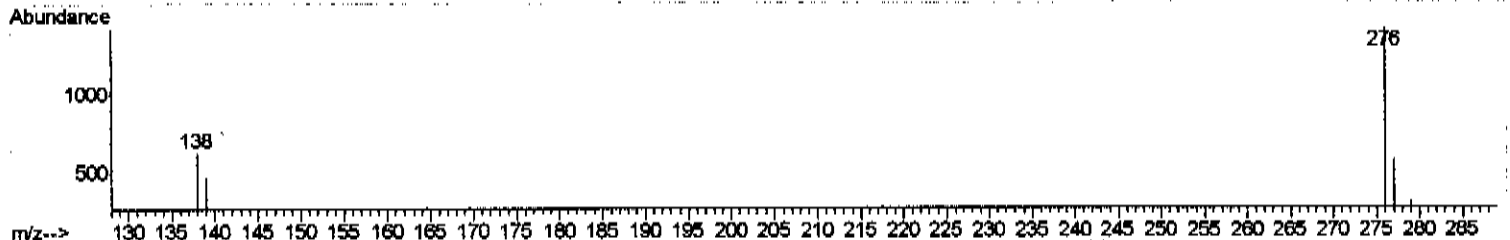
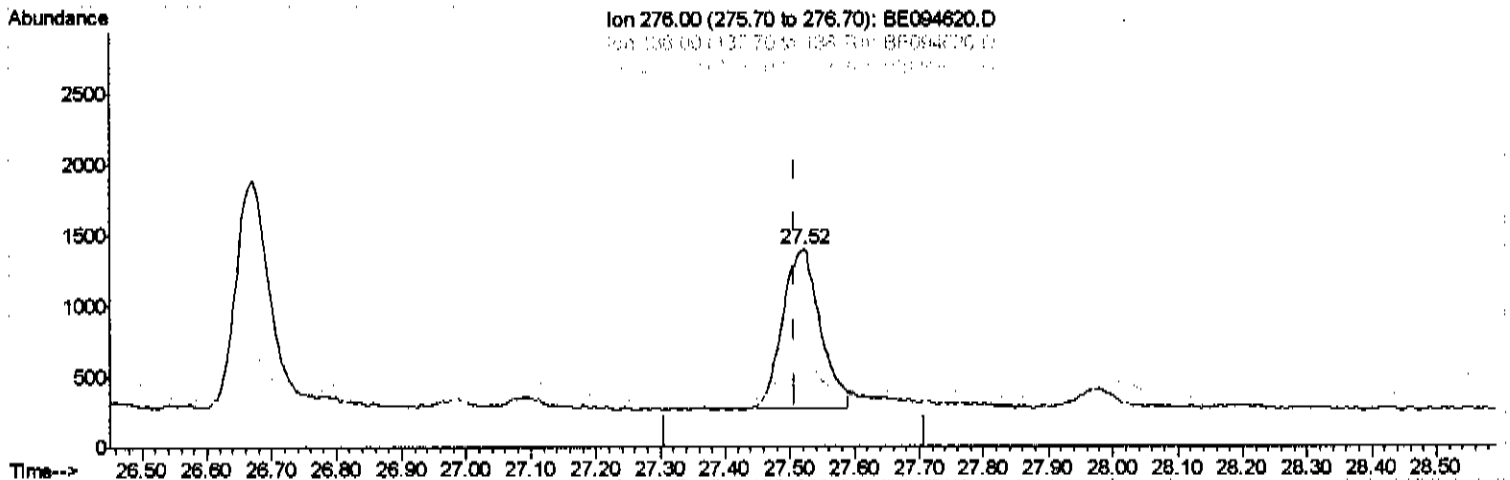
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(26) Benzo(g,h,i)perylene

27.521min (+0.013) 0.22ng/ul m

response 4587

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	44.89%
277.00	25.60	41.10%
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	7.90	152	1401	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8212	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4670	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9944	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9534	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8996m)	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3192	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	7694	0.26	ng/ul	0.00

Target Compounds						Ovalue
3) Naphthalene	10.74	128	533	0.03	ng/ul#	72
5) 2-Methylnaphthalene	12.35	142	482	0.03	ng/ul	97
12) Phenanthrene	17.29	178	9909	0.38	ng/ul#	91
13) Anthracene	17.38	178	1147	0.04	ng/ul#	83
15) Fluoranthene	19.31	202	23433	0.77	ng/ul	84
17) Pyrene	19.67	202	20983	0.71	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	9006	0.33	ng/ul#	89
19) Chrysene	21.46	228	11641	0.41	ng/ul	93
21) Benzo(b)fluoranthene	23.18	252	14694m	0.58	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	4587m	0.17	ng/ul	
23) Benzo(a)pyrene	23.85	252	8168m	0.32	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	6015m	0.23	ng/ul	
25) Dibenzo(a,h)anthracene	26.65	278	1447m	0.07	ng/ul	
26) Benzo(g,h,i)perylene	27.52	276	4587m	0.22	ng/ul	

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