

Quantitation Report (QT Reviewed)

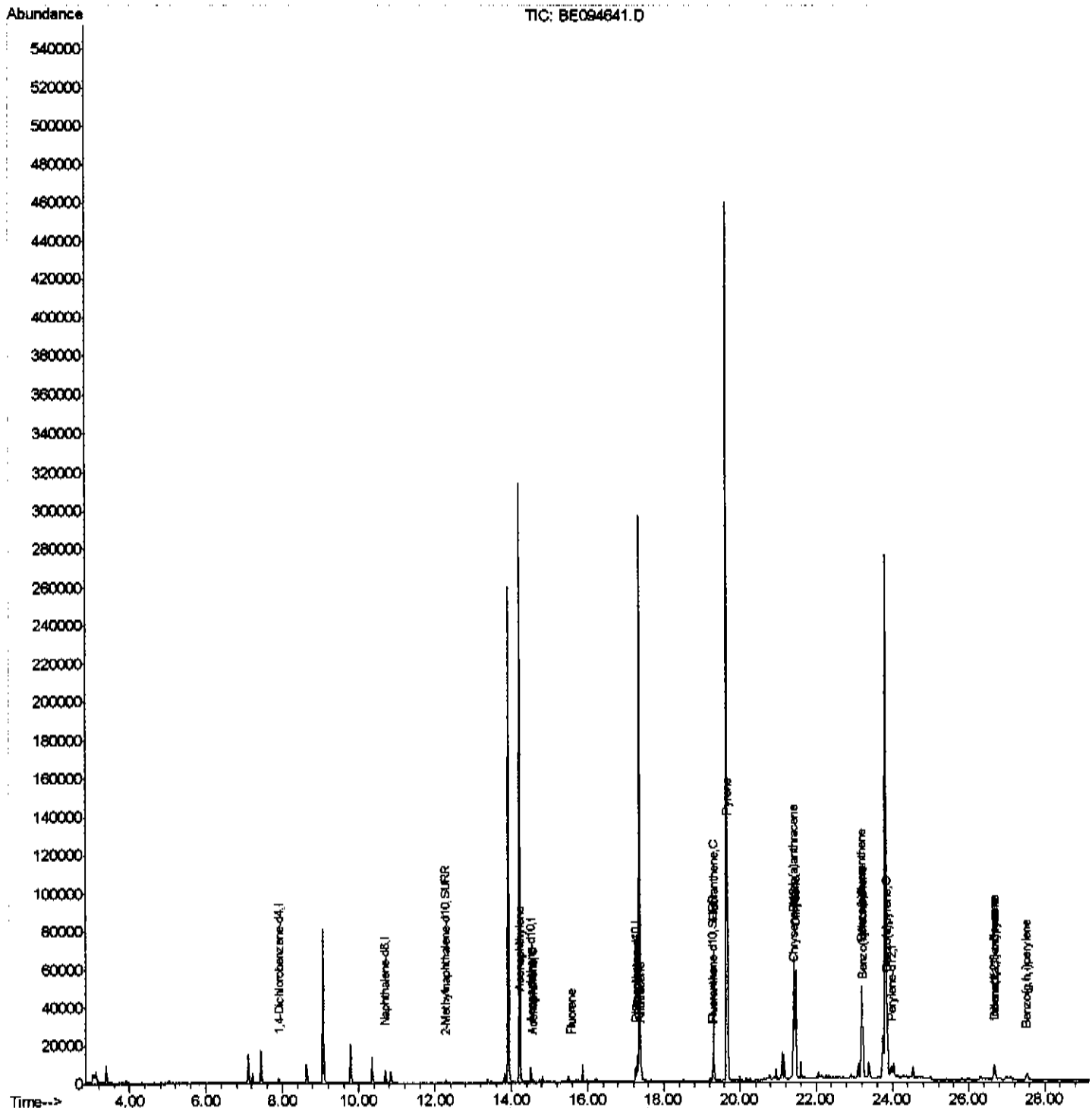
Data Path : Z:\HPCHEM1\BNA_E\Data\BE102717\
 Data File : BE094641.D
 Acq On : 30 Oct 2017 10:52
 Operator : SJ/JU
 Sample : I5842-20
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AB9

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:31 PM

Quant Time: Oct 30 18:38:29 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 04:29:38 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

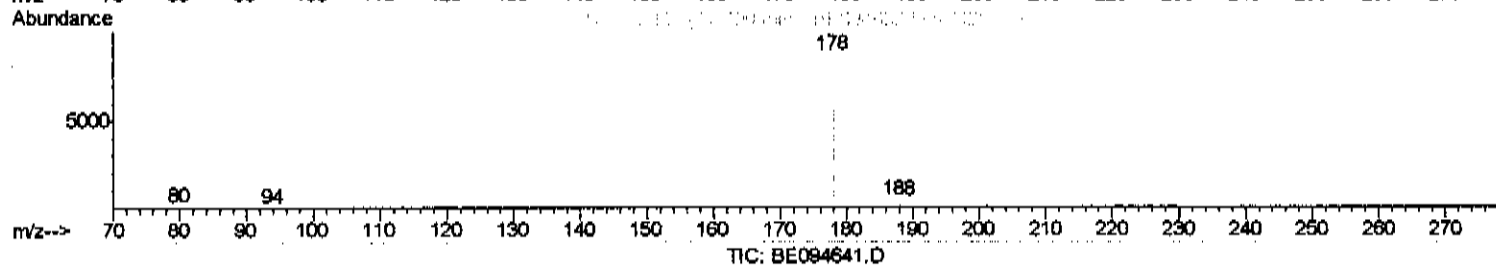
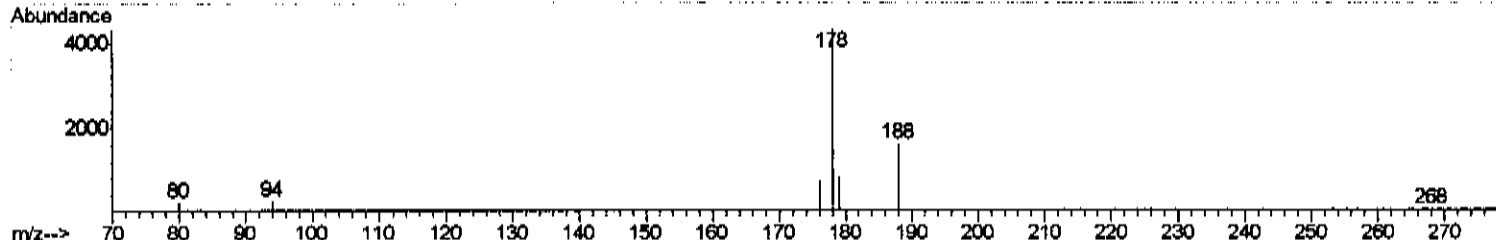
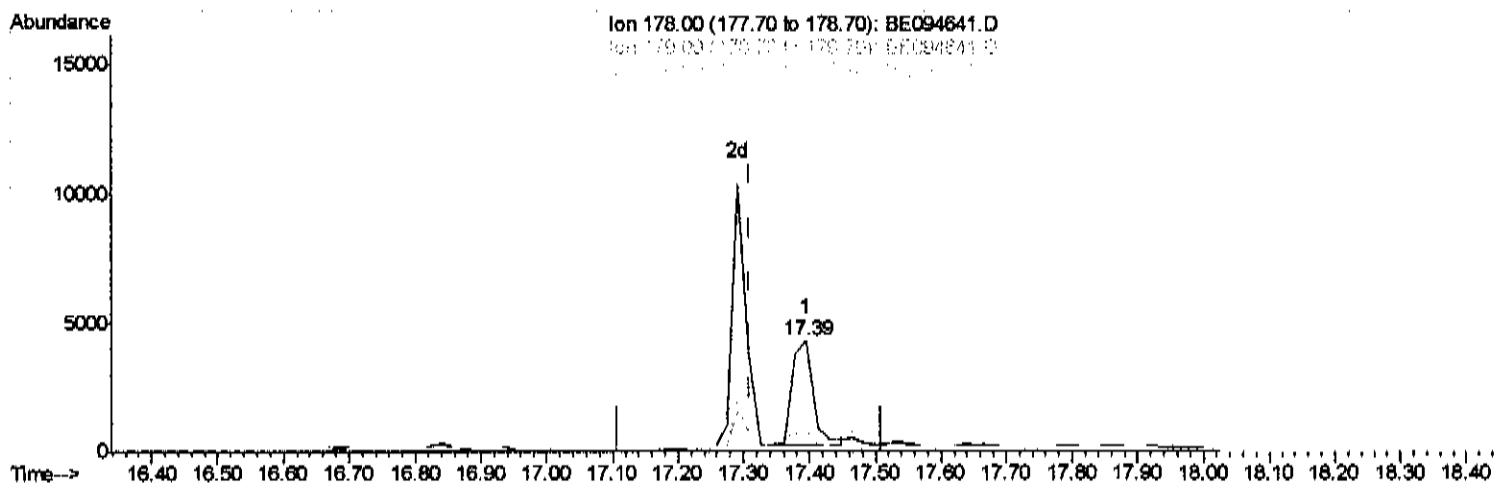
Data Path : Z:\HPCHEM1\BNA_E\Data\BE102717\
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Sohil
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Quant Time: Oct 30 18:33:48 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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(12) Phenanthrene

17.395min (+0.085) 0.39ng/ul

response 9181

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	19.49
176.00	17.00	16.87
0.00	0.00	0.00

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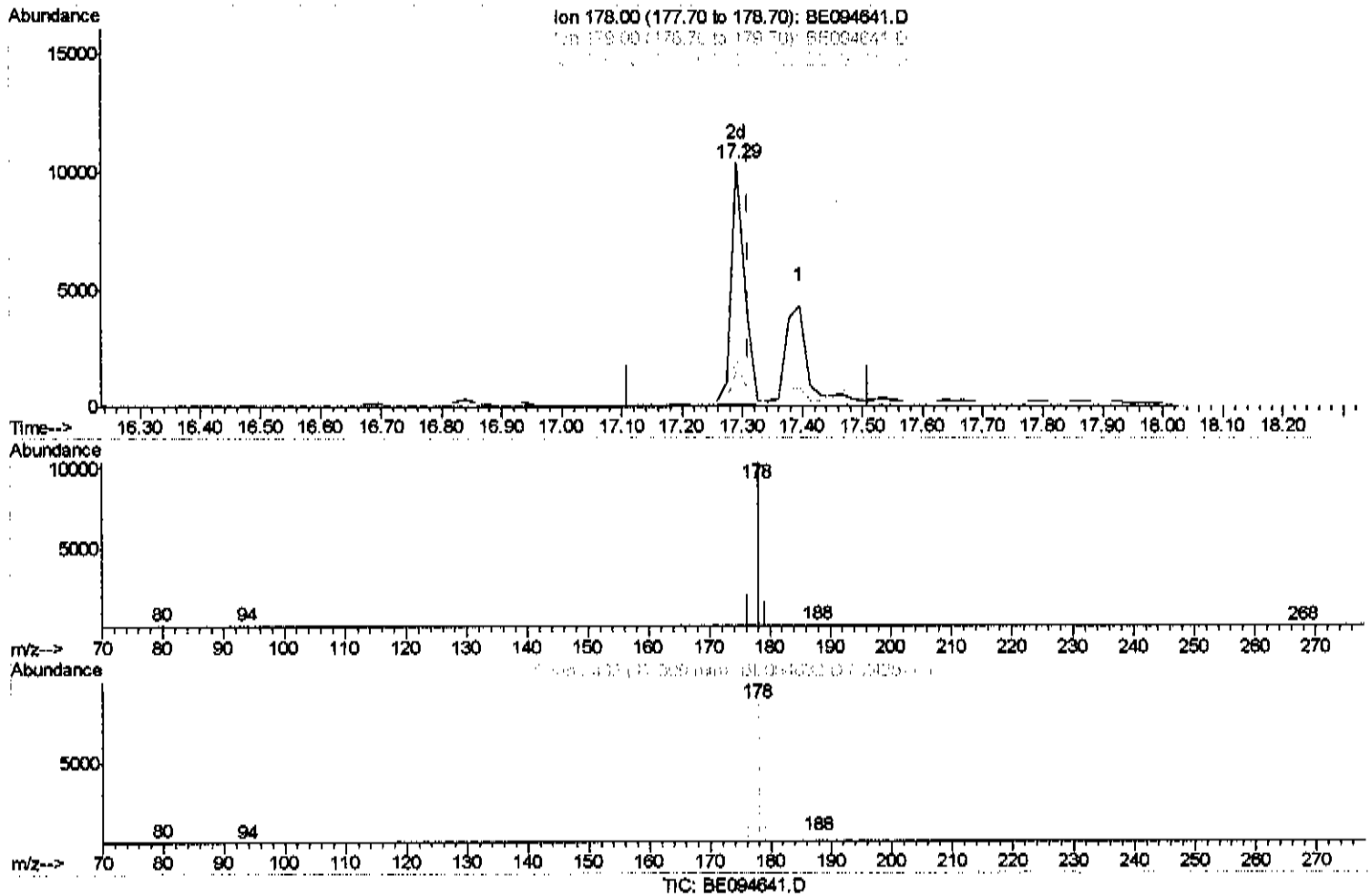
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(12) Phenanthrene

17.291min (-0.019) 0.68ng/ul m

response 15756

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.33#
176.00	17.00	19.80
0.00	0.00	0.00

SJ 10/31/17

Quantitation Report (Qedit)

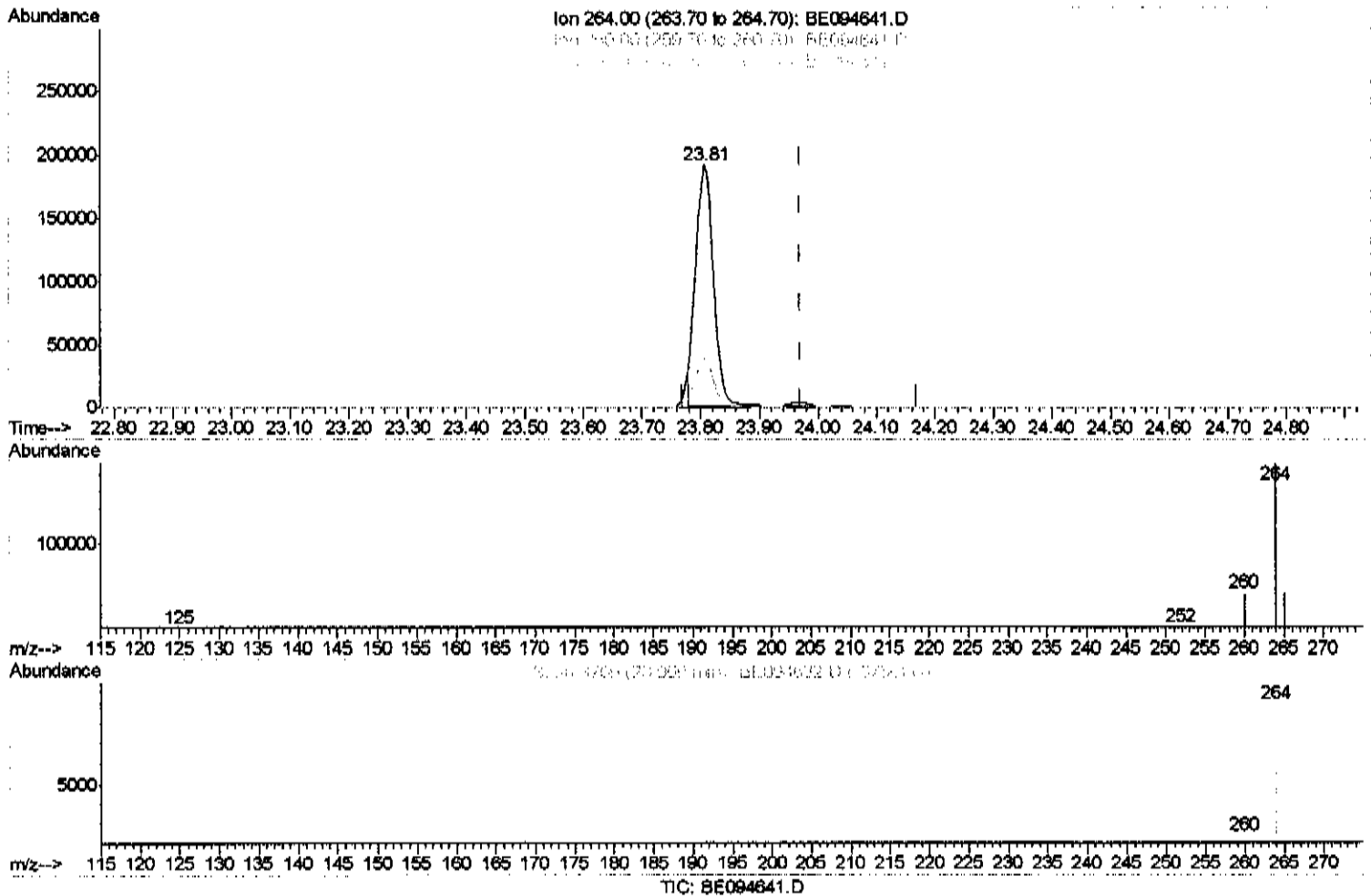
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(20) Perylene-d12 (I)

23.805min (-0.164) 0.40ng/ul

response 396939

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.97%
265.00	103.50	21.29%
0.00	0.00	0.00

Quantitation Report (Qedit)

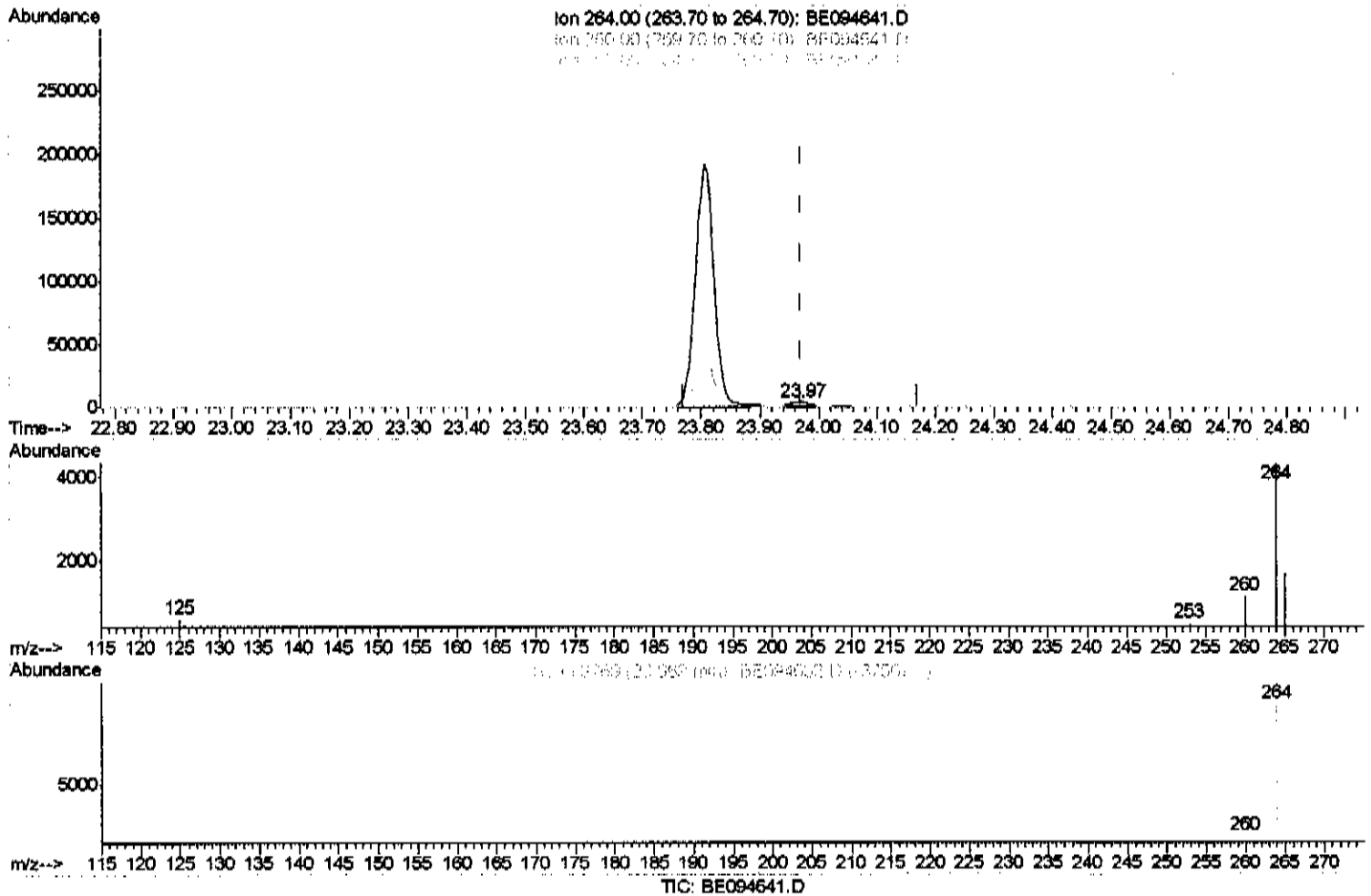
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(20) Perylene-d12 (I)

23.969min (-0.000) 0.40ng/ul m

response 7415

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.33
265.00	103.50	38.54#
0.00	0.00	0.00

Ju 10/31/17

Quantitation Report (Qedit)

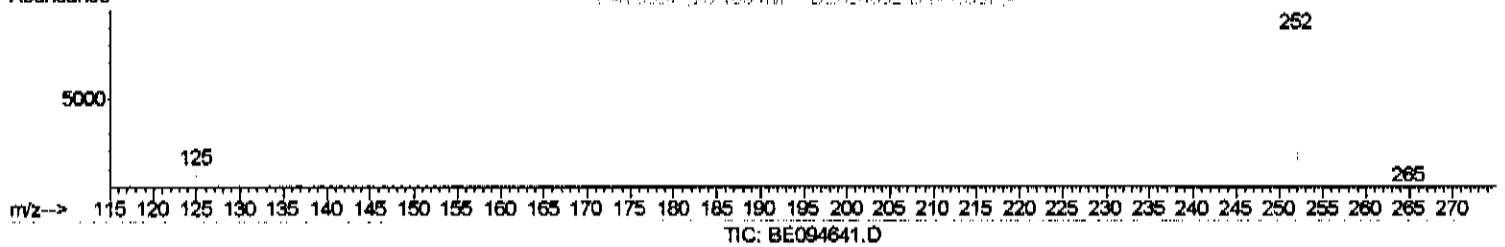
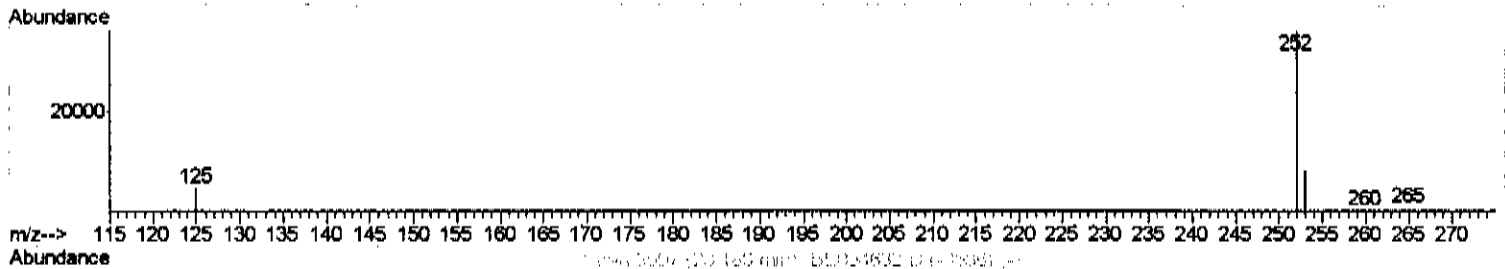
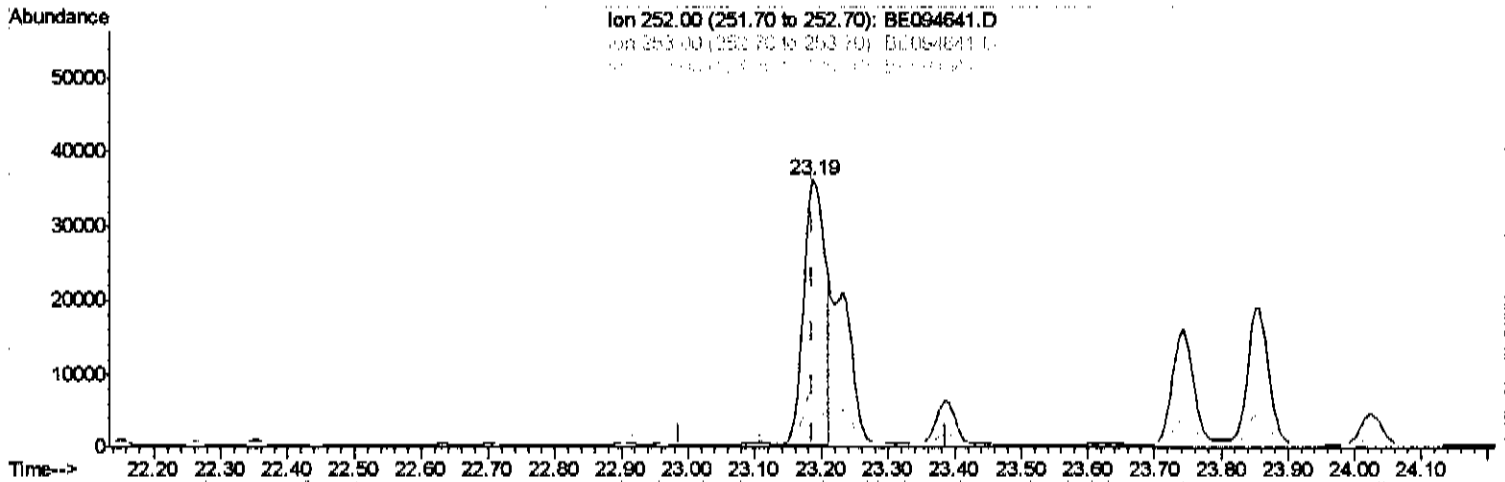
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(21) Benzo(b)fluoranthene
 23.188min (-0.000) 3.81ng/ui
 response 79399

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.25
125.00	17.50	12.91
0.00	0.00	0.00

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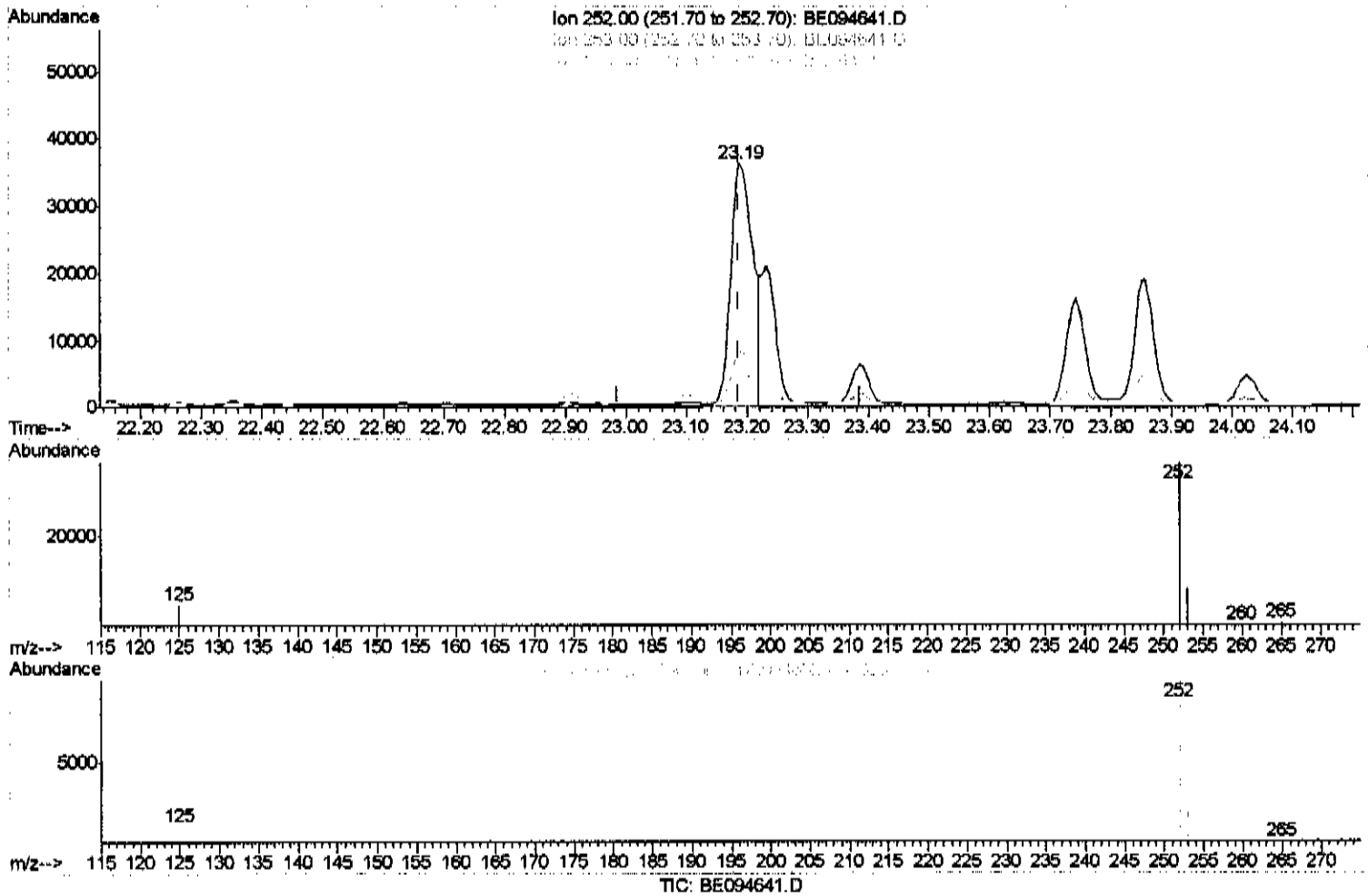
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(21) Benzo(b)fluoranthene

23.186min (-0.000) 4.41ng/ul m

response 91914

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.25
125.00	17.50	12.91
0.00	0.00	0.00

SJ 10/30/17

Quantitation Report (Qedit)

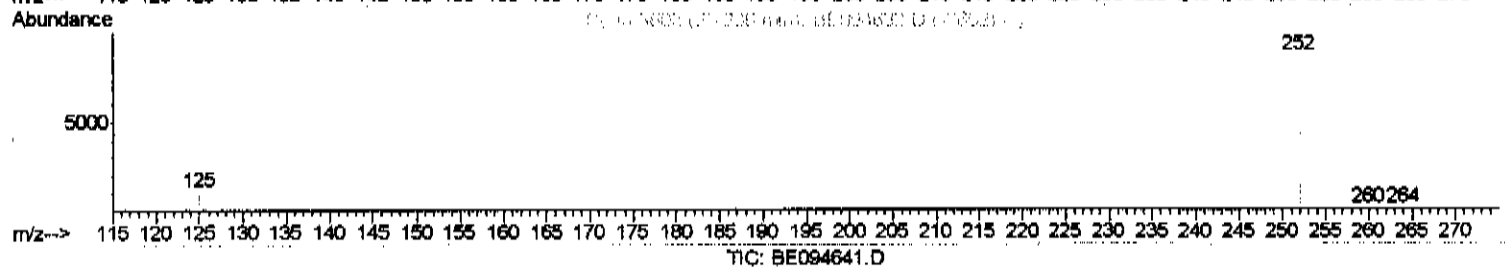
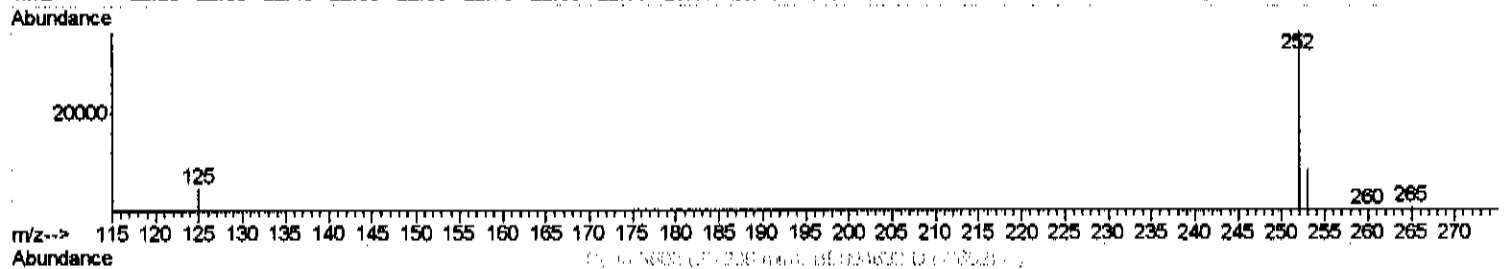
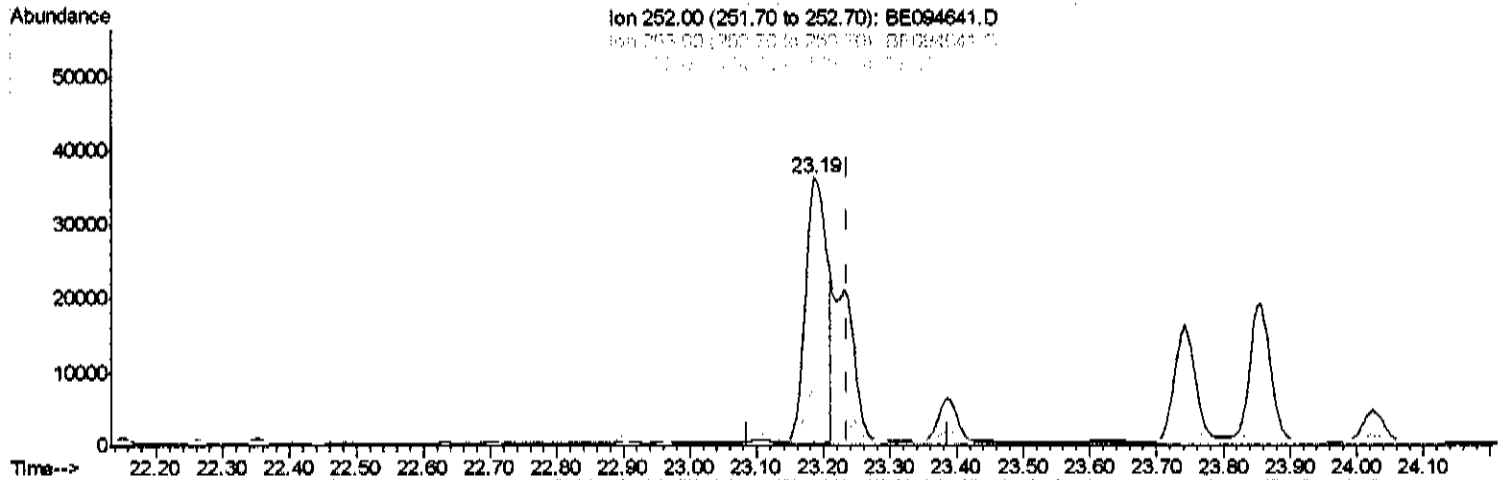
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(22) Benzo(k)fluoranthene
 23.186min (-0.050) 3.55ng/ul
 response 79399

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.25#
125.00	17.10	12.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

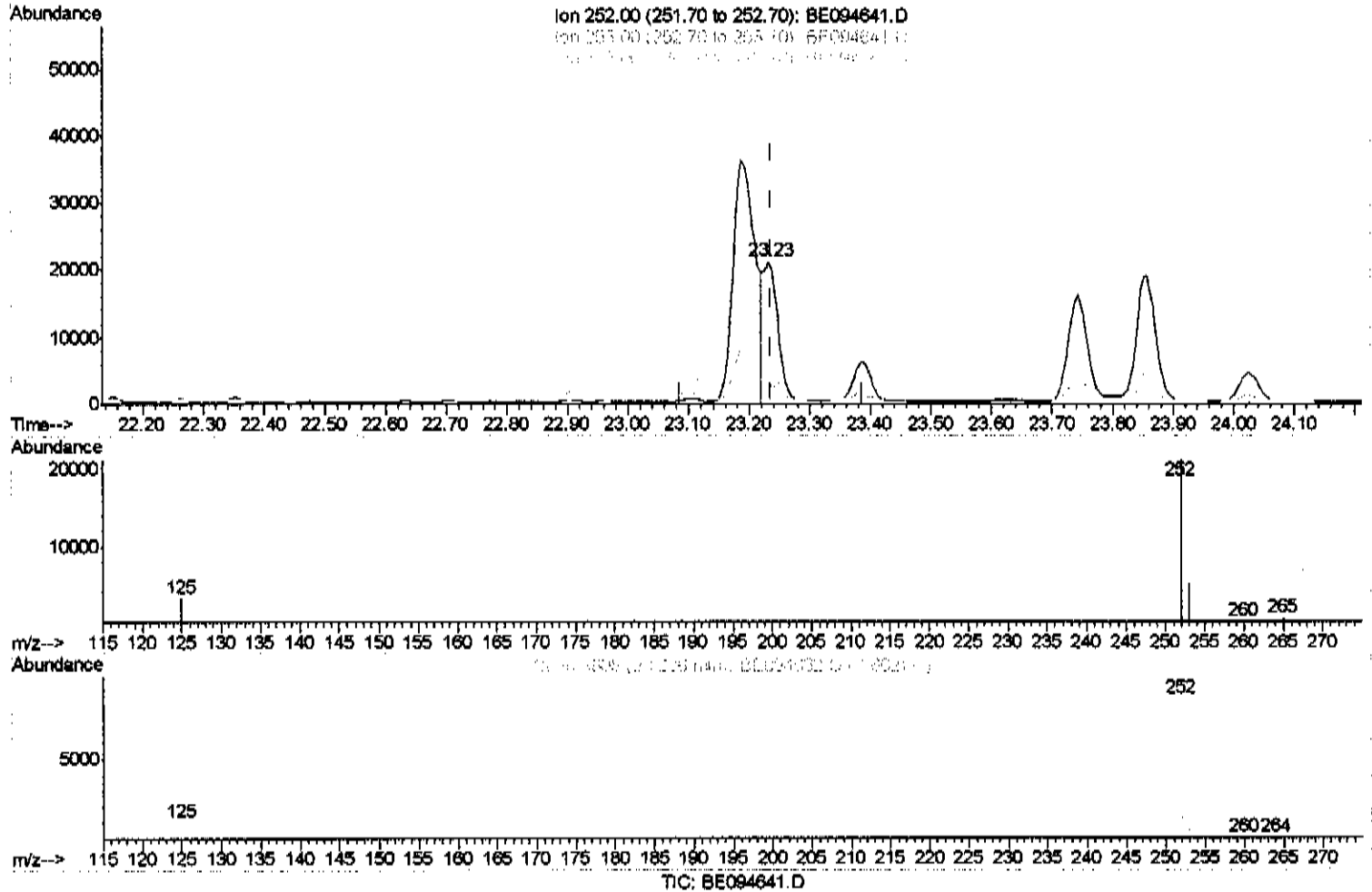
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(22) Benzo(k)fluoranthene

23.231min (-0.005) 1.72ng/ul m

response 38493

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.91#
125.00	17.10	15.50
0.00	0.00	0.00

Ju 10/31/17

Quantitation Report (Qedit)

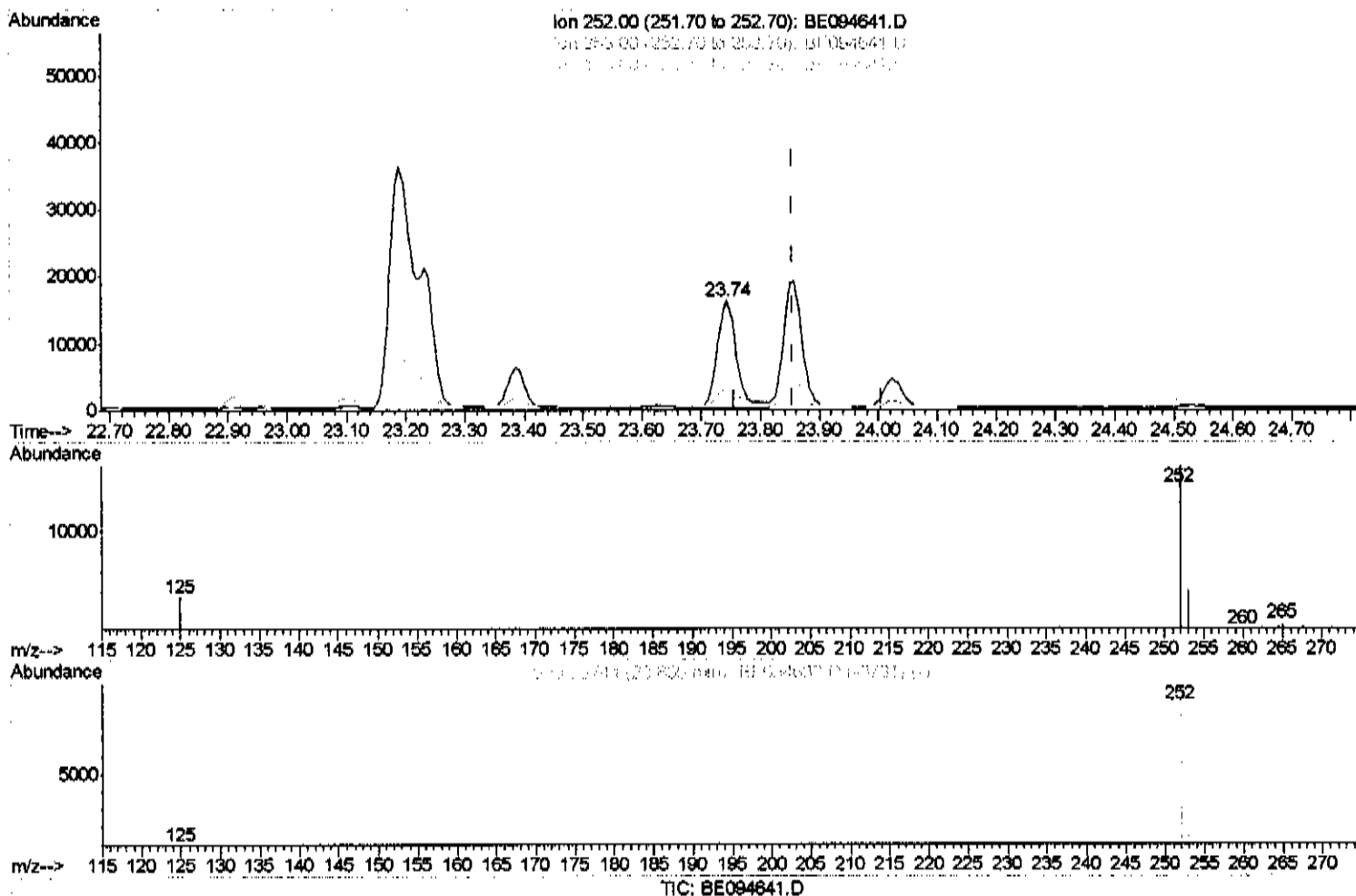
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(23) Benzo(a)pyrene (C)
 23.741min (-0.114) 1.75ng/ul
 response 36565

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.01#
125.00	22.60	20.68
0.00	0.00	0.00

Quantitation Report (Qedit)

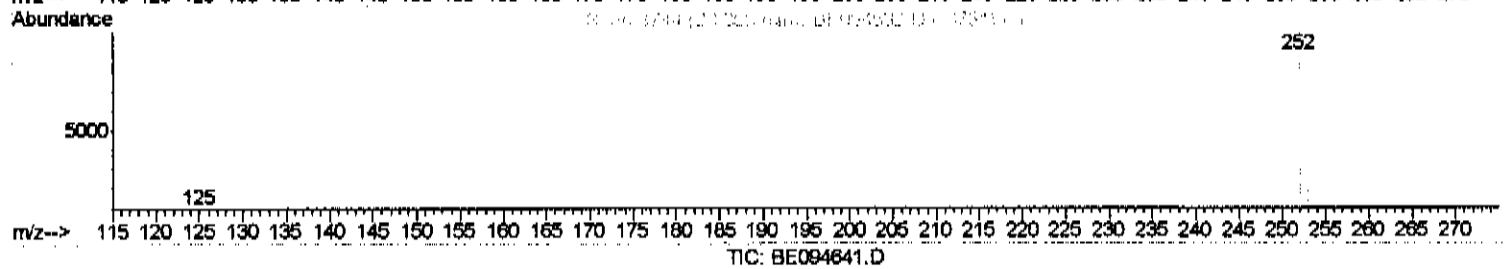
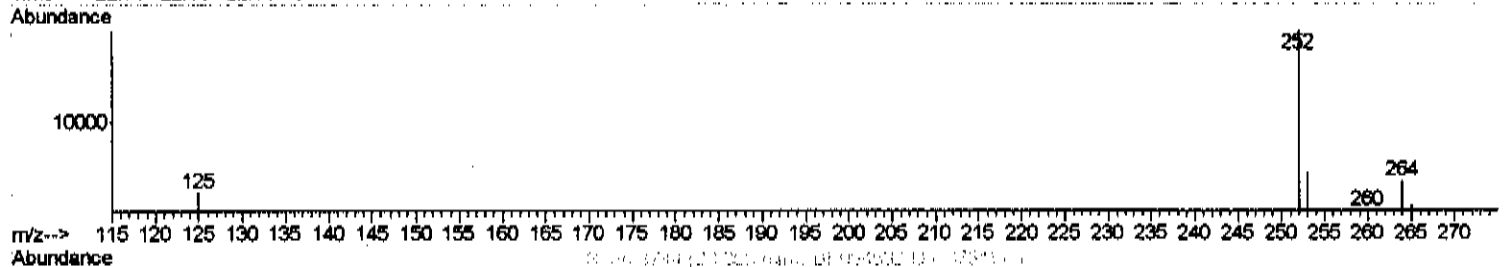
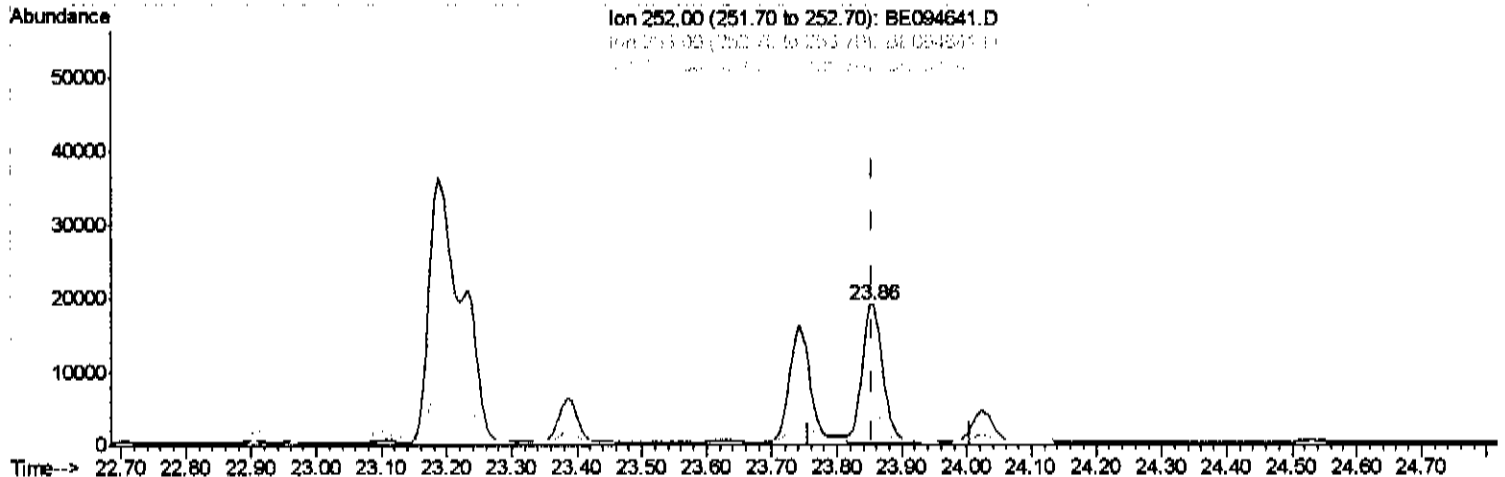
Data Path : Z:\HPCHEM1\BNA_E\Data\BE102717\
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 Sample : I5842-20
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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(23) Benzo(a)pyrene (C)

23.855min (-0.000) 2.00ng/ul m

response 41678

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.64#
125.00	22.60	14.23#
0.00	0.00	0.00

SJ 10/31/17

Quantitation Report (Qedit)

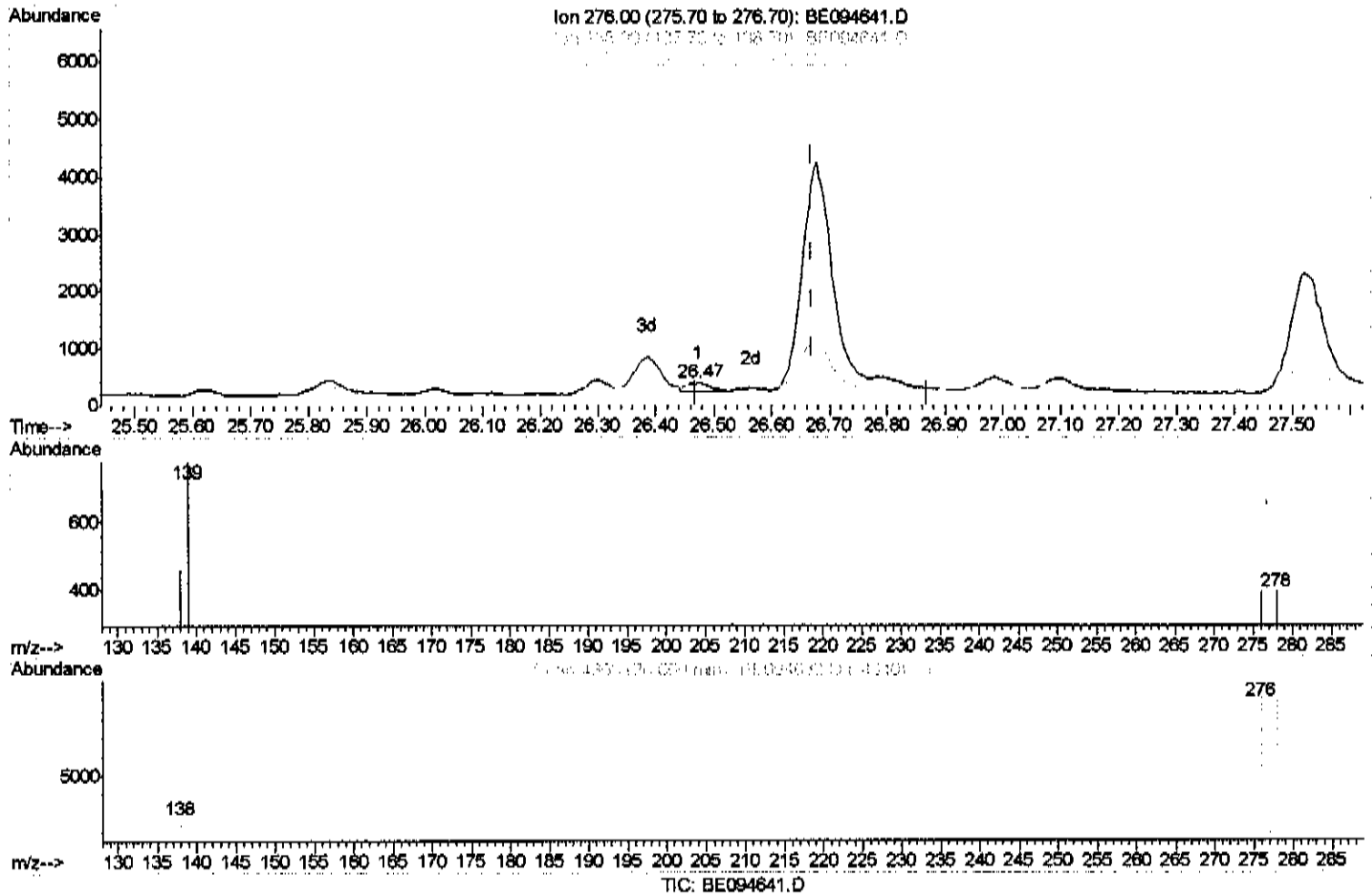
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(24) Indeno(1,2,3-cd)pyrene

26.472min (-0.197) 0.02ng/ul

response 416

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	123.06#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

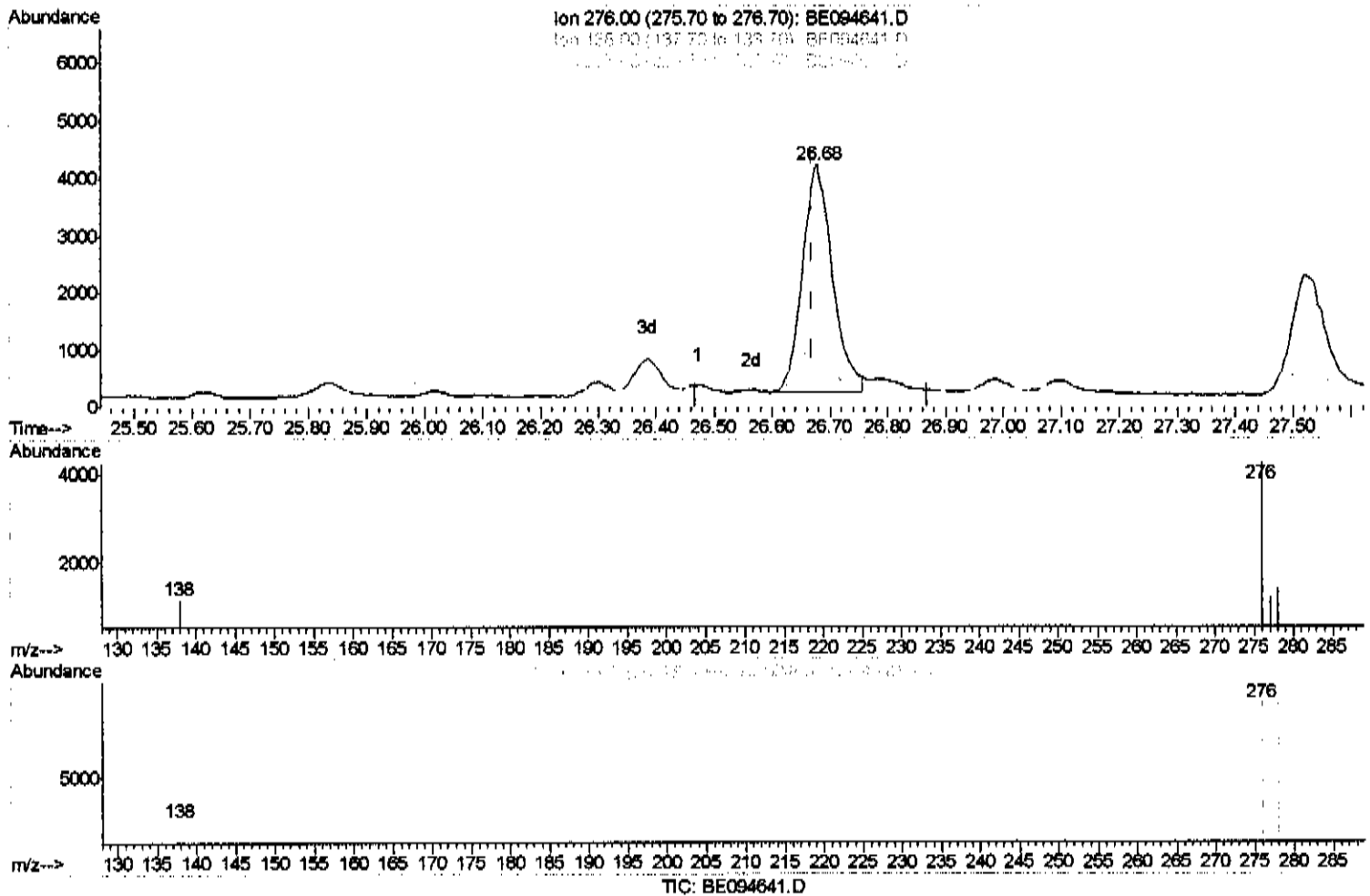
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(24) Indeno(1,2,3-cd)pyrene

26.677min (+0.008) 0.67ng/ul m

response 14416

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.55#
227.00	10.00	0.00#
0.00	0.00	0.00

Su 10/31/17

Quantitation Report (Qedit)

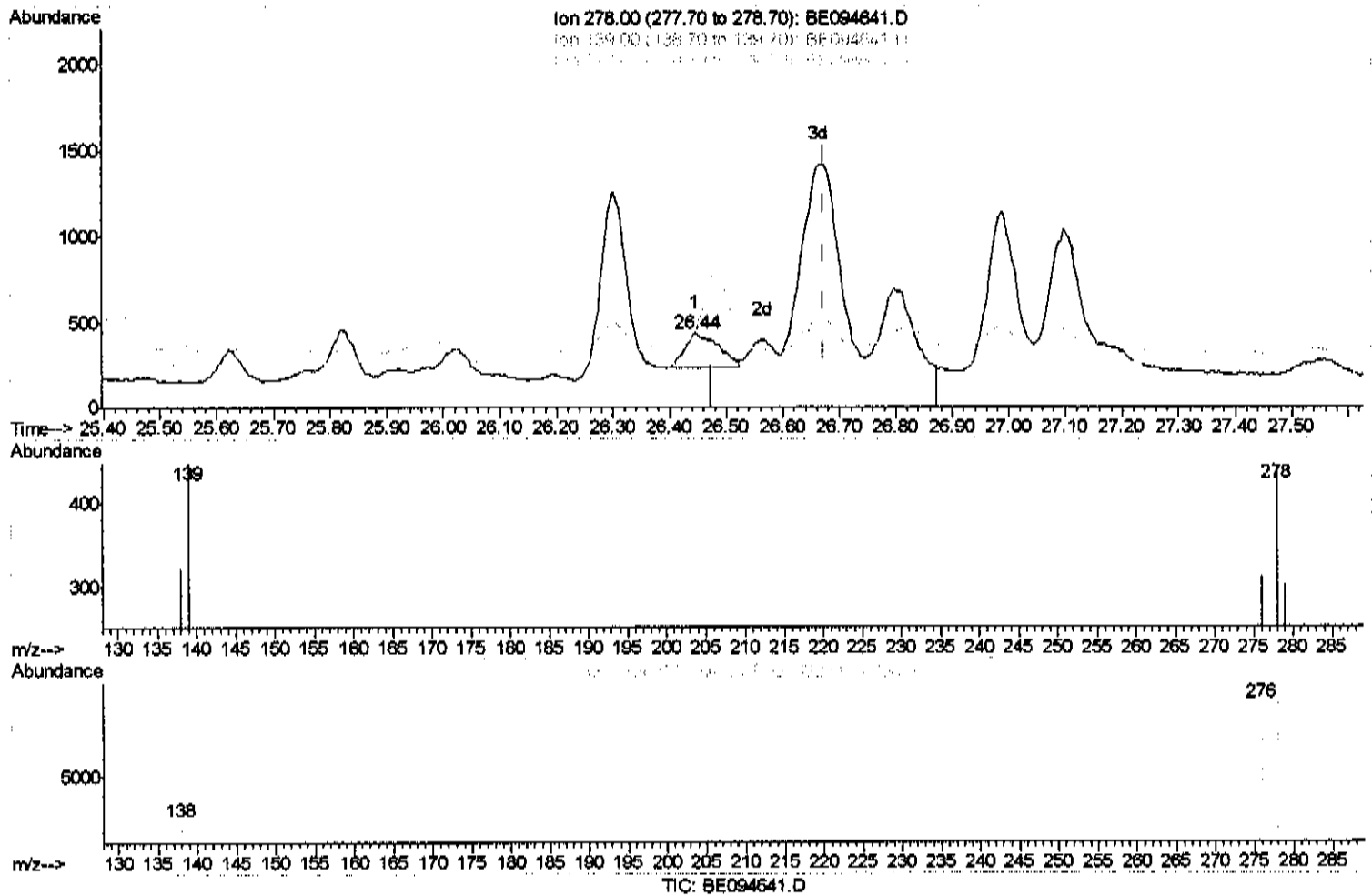
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(25) Dibenzo(a,h)anthracene

26.445min (-0.229) 0.05ng/ul

response 863

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	101.82#
279.00	32.40	69.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

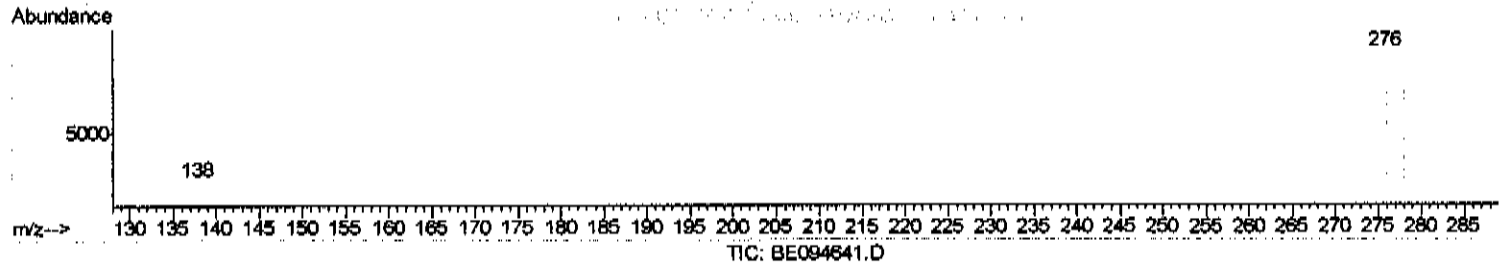
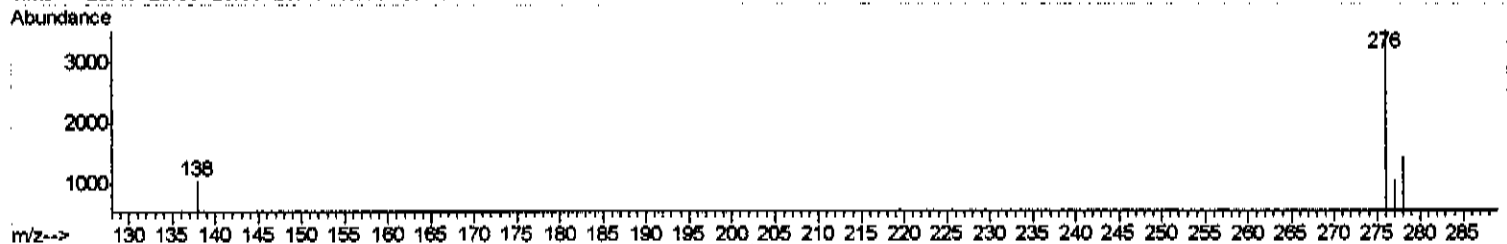
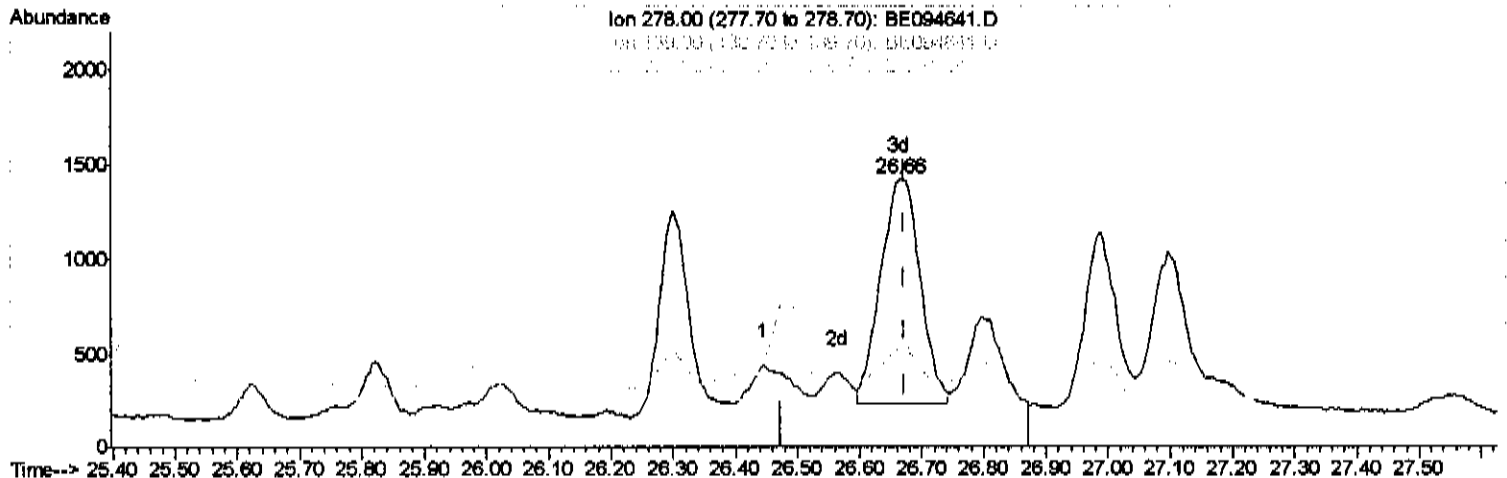
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(25) Dibenzo(a,h)anthracene

26.664min (-0.010) 0.29ng/ul m

response 5232

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	36.92#
279.00	32.40	38.05
0.00	0.00	0.00

SJ W/31/17

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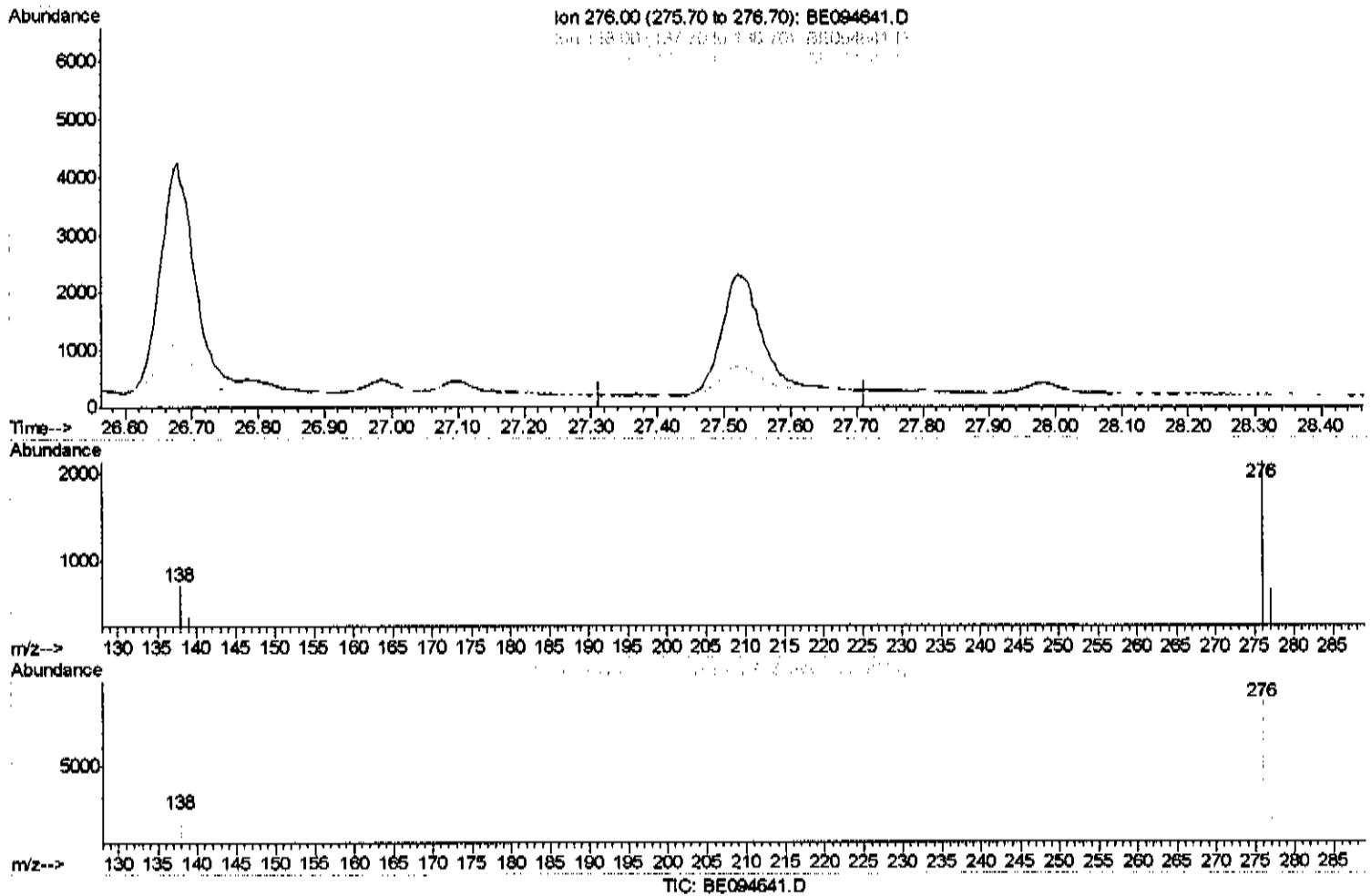
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(26) Benzo(g,h,i)perylene

27.512min (-27.512) 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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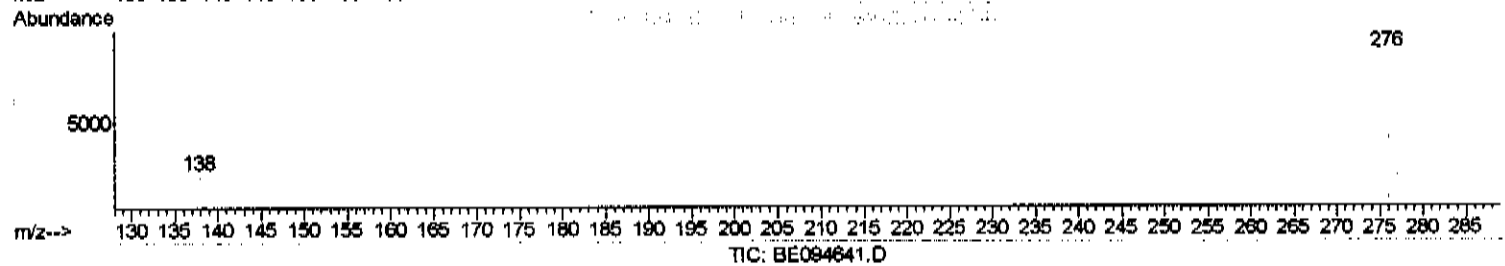
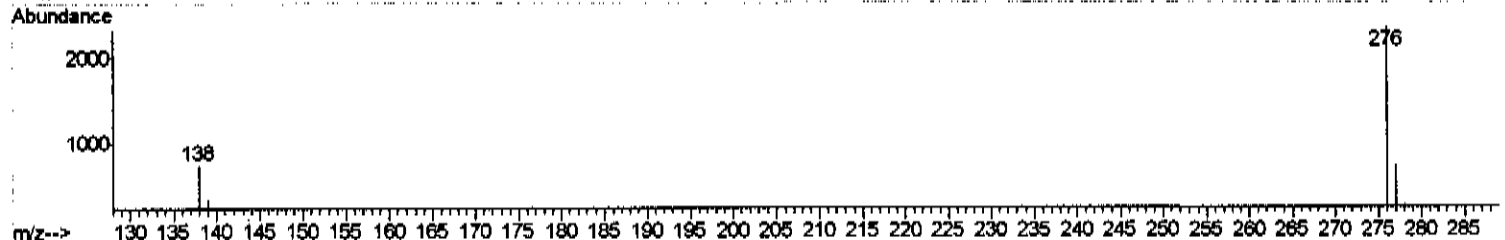
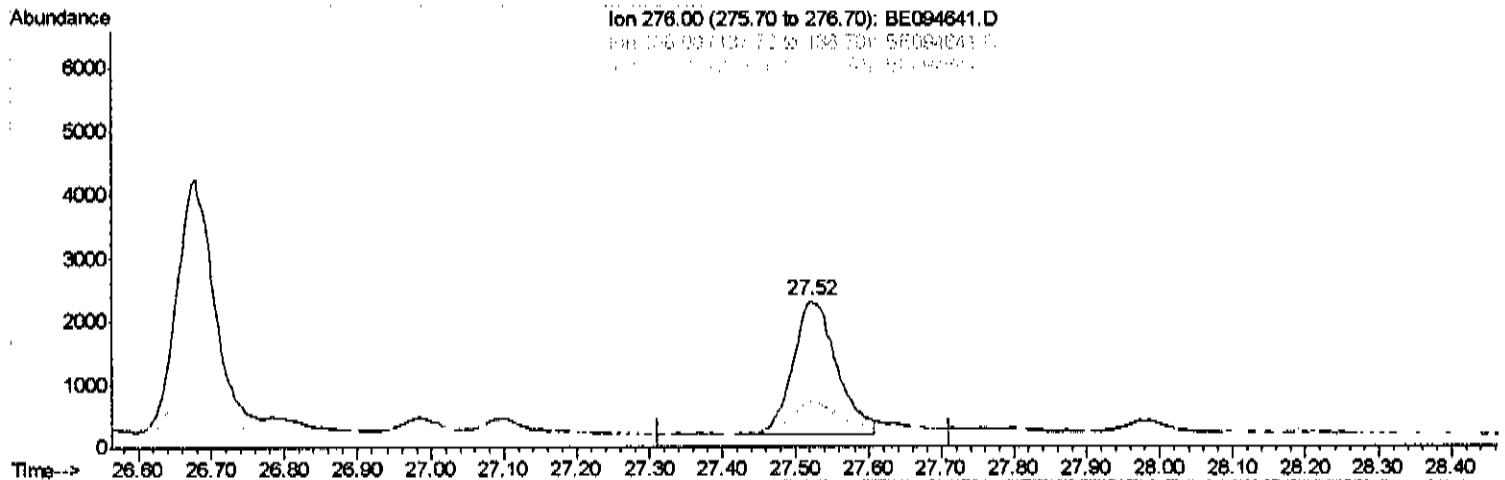
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(26) Benzo(g,h,i)perylene

27.520min (+0.006) 0.51ng/ul m

response 8849

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	31.70
277.00	25.60	31.10#
0.00	0.00	0.00

SJ 10/31/17

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Sohil
10/30/2017 6:40:31 PM

Data Path : Z:\HPCHEM1\BNA_E\Data\BE102717\
Data File : BE094641.D
Acq On : 30 Oct 2017 10:52
Operator : SJ/JU
Sample : I5842-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 30 18:38:29 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 04:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1239	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7506	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4289	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8827	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	8568	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	7415m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	2700	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	6032	0.23	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.24	152	2878	0.148	ng/ul	98
8) Acenaphthene	14.58	153	526	0.038	ng/ul#	93
9) Fluorene	15.57	166	602	0.038	ng/ul#	85
12) Phenanthrene	17.29	178	15756m	0.676	ng/ul	95
13) Anthracene	17.39	178	9849	0.428	ng/ul	84
15) Fluoranthene	19.31	202	67400	2.500	ng/ul	79
17) Pyrene	19.68	202	120426	4.547	ng/ul#	88
18) Benzo(a)anthracene	21.41	228	60270	2.461	ng/ul#	97
19) Chrysene	21.47	228	70671	2.791	ng/ul	97
21) Benzo(b)fluoranthene	23.19	252	91914m	4.407	ng/ul	97
22) Benzo(k)fluoranthene	23.23	252	38493m	1.722	ng/ul	97
23) Benzo(a)pyrene	23.86	252	41678m	1.999	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.68	276	14416m	0.668	ng/ul	97
25) Dibenzo(a,h)anthracene	26.66	278	5232m	0.288	ng/ul	97
26) Benzo(g,h,i)perylene	27.52	276	8849m	0.511	ng/ul	97

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