

Quantitation Report (QT Reviewed)

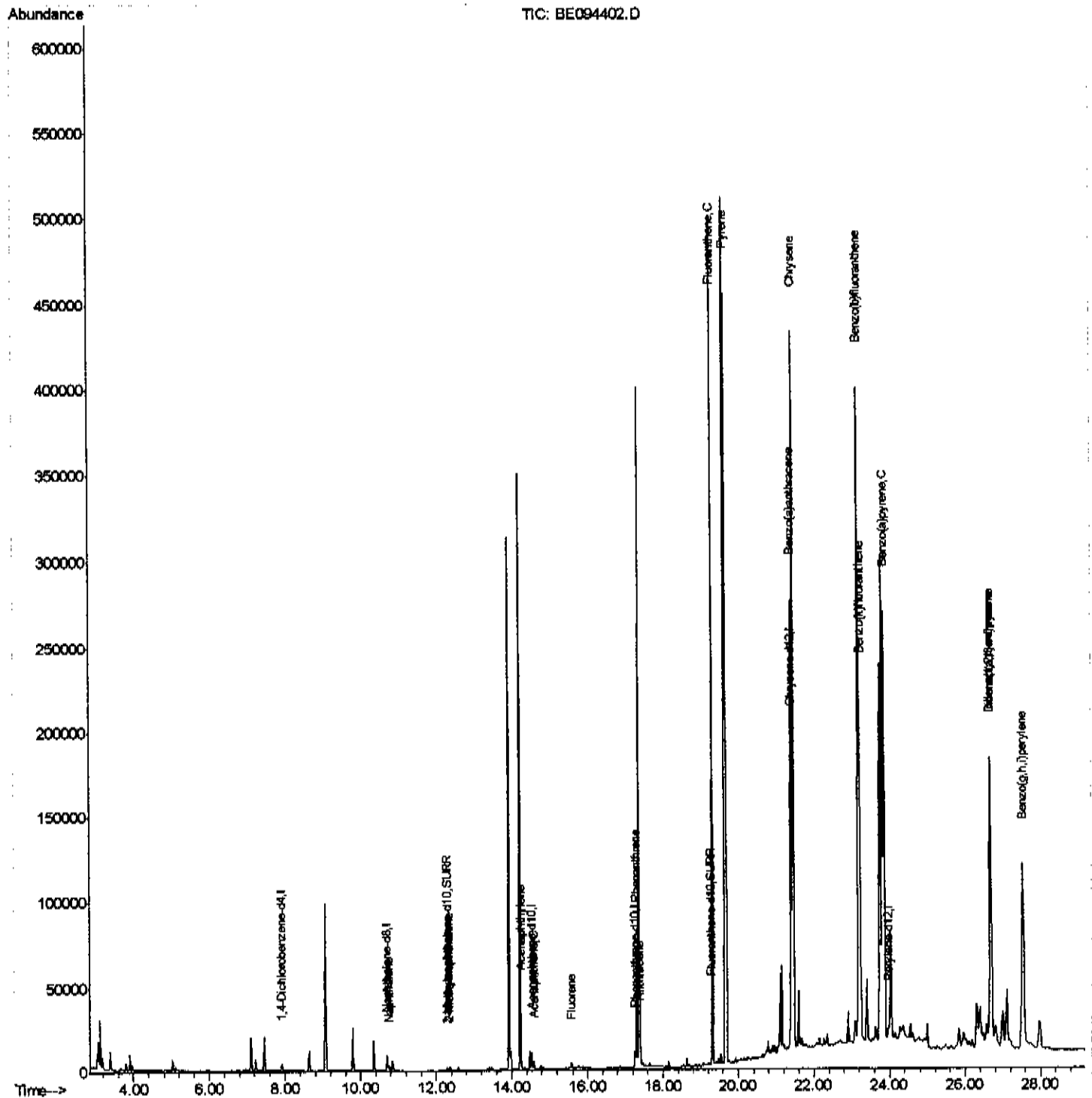
Instrument :
BNA_E
ClientSampleId :
C0AC9

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:37 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094402.D
Acq On : 15 Oct 2017 20:35
Operator : SJ/JU
Sample : I5548-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Oct 16 08:11:29 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 07:45:00 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

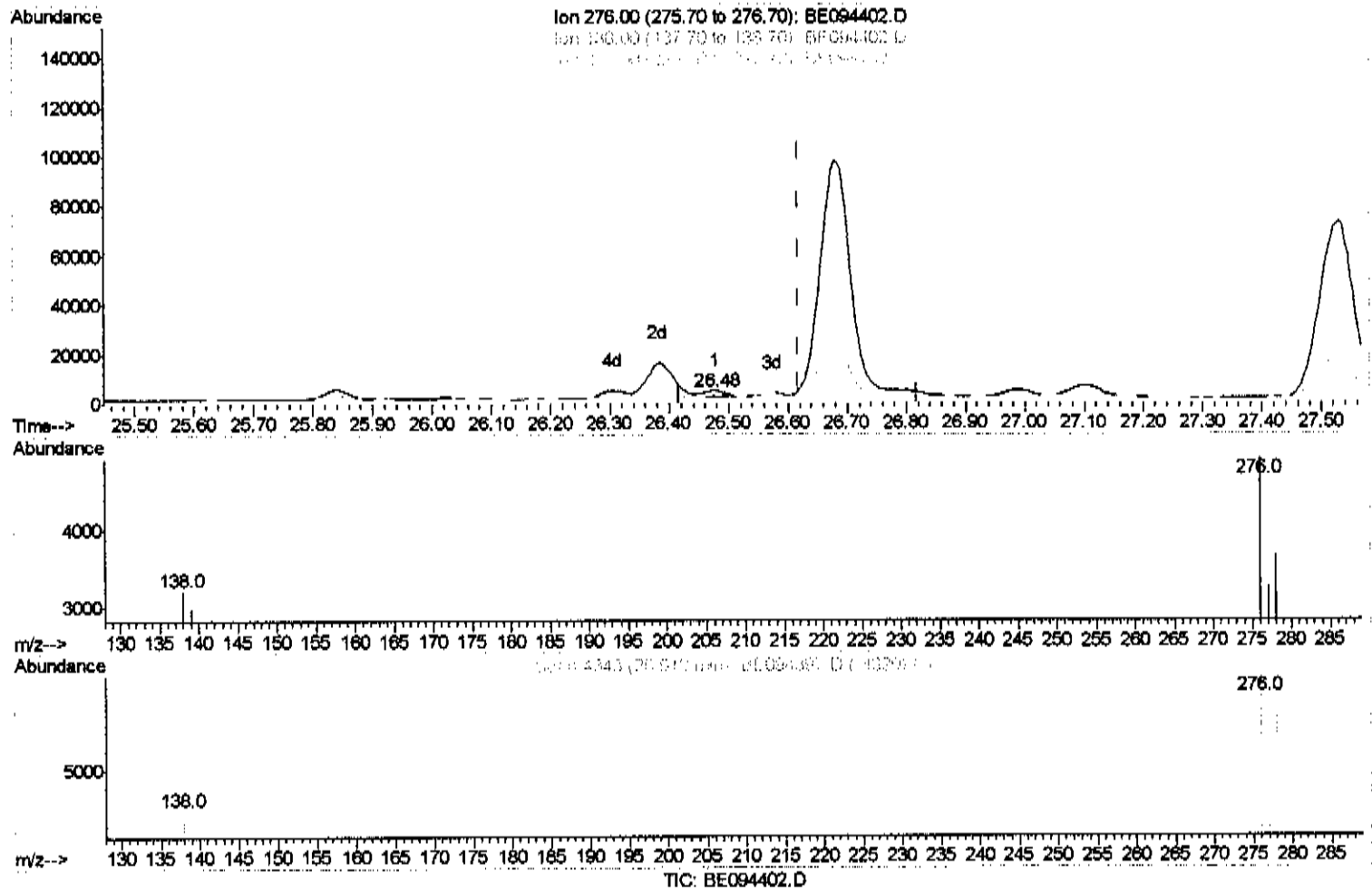
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(24) Indeno(1,2,3-cd)pyrene

26.477min (-0.141) 0.18ng/ul

response 6160

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	29.11
227.00	10.00	0.00*
0.00	0.00	0.00

Quantitation Report (Qedit)

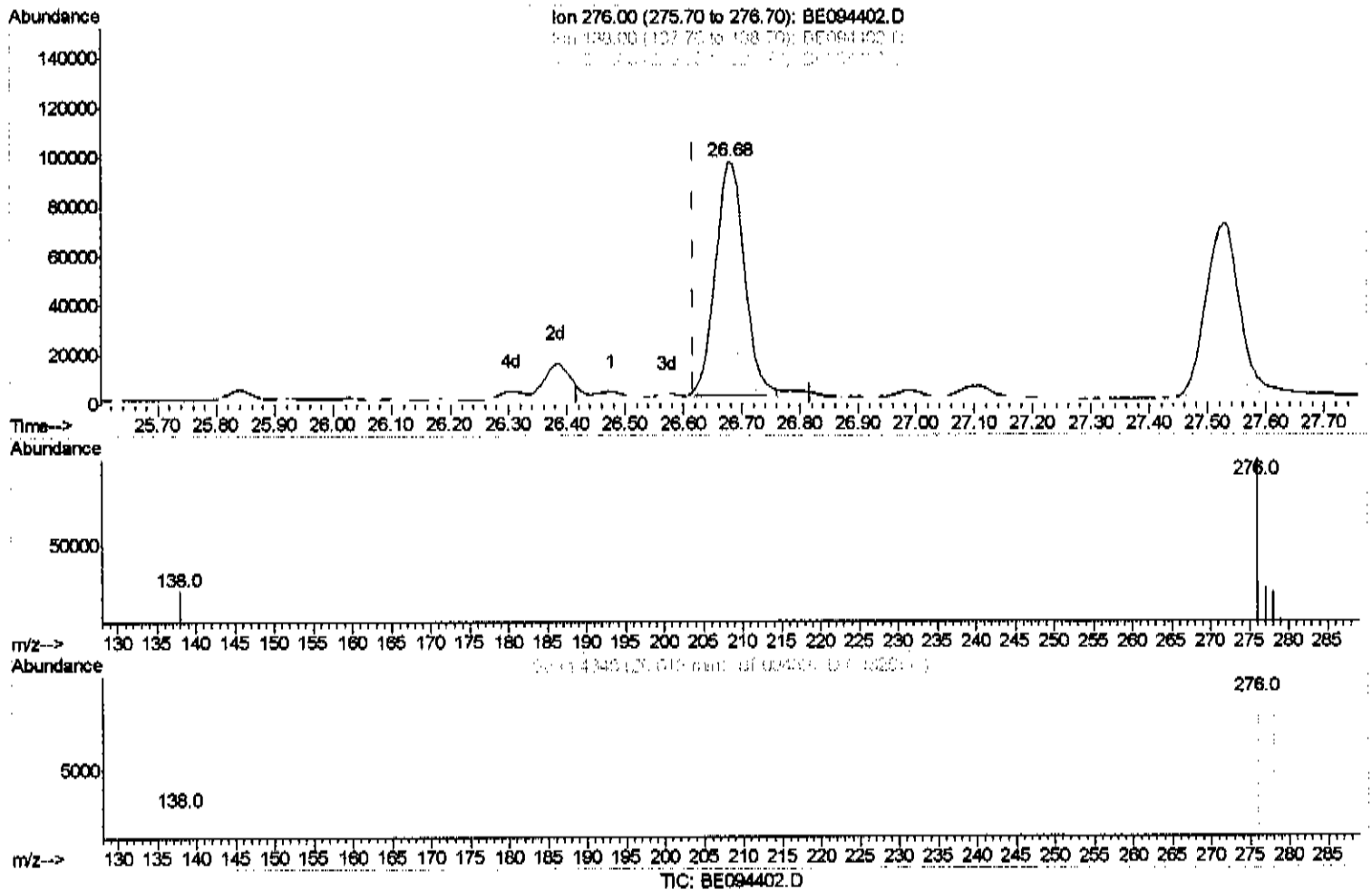
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(24) Indeno(1,2,3-cd)pyrene

26.678min (+0.060) 9.77ng/ul m

JU 10/16/17

response 330926

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.54%
227.00	10.00	0.00%
0.00	0.00	0.00

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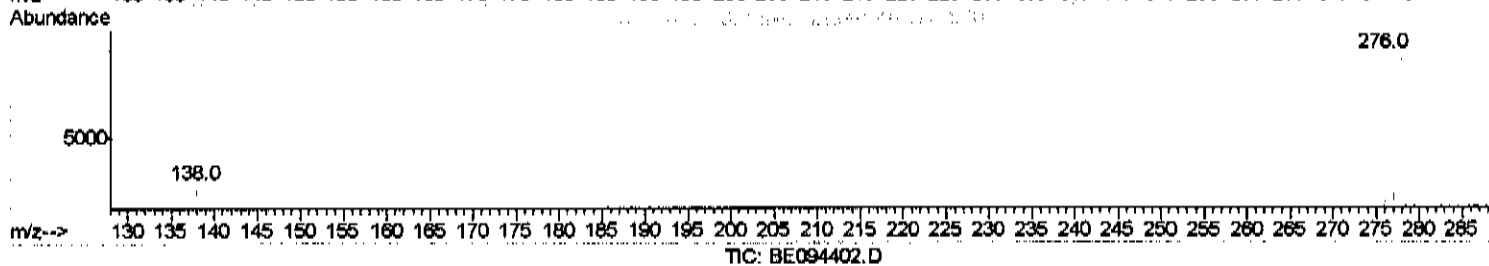
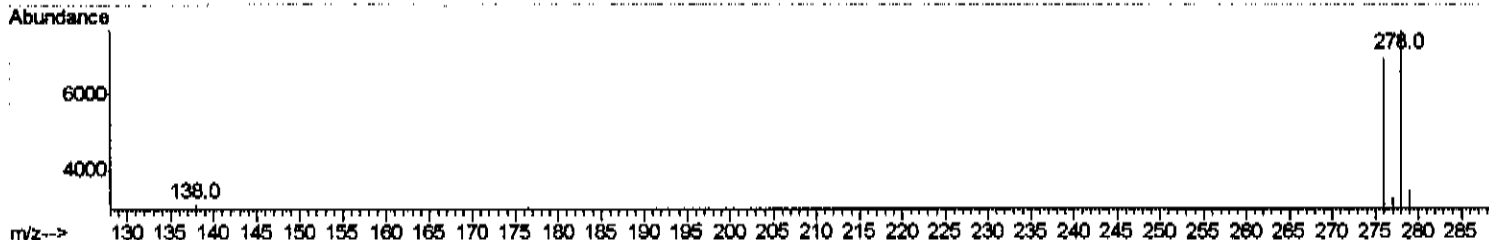
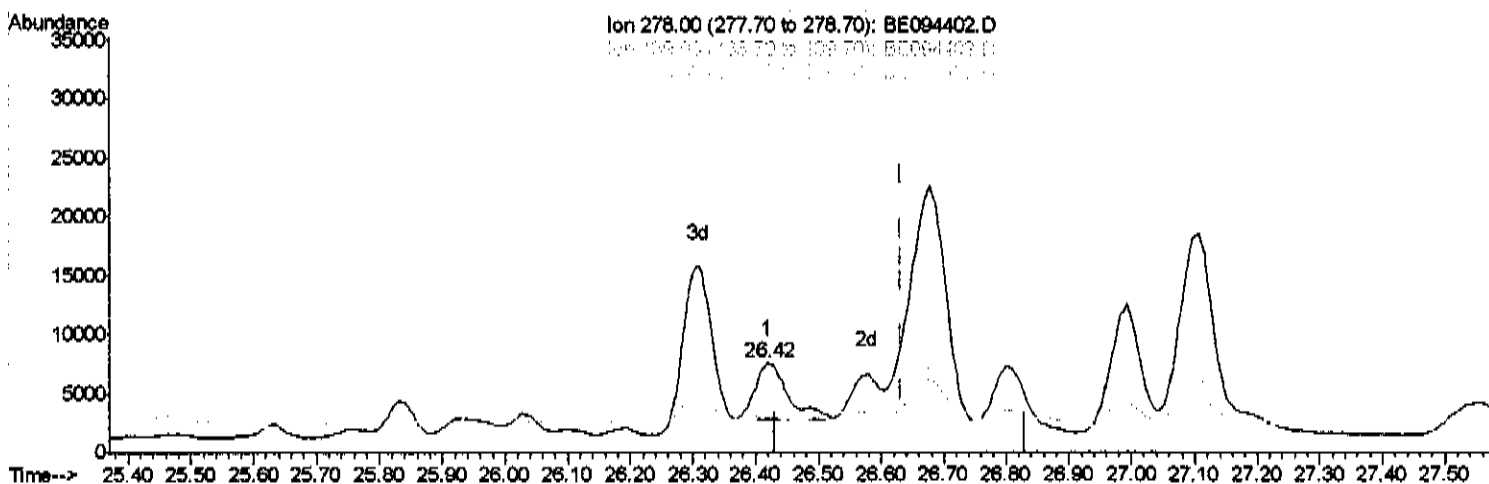
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(25) Dibenzo(a,h)anthracene

26.418min (-0.214) 0.61ng/ul

response 17405

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	38.72#
279.00	32.40	45.63#
0.00	0.00	0.00

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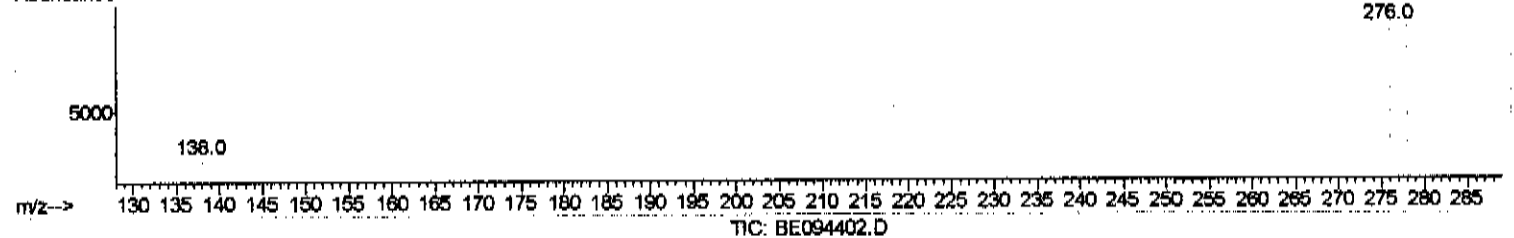
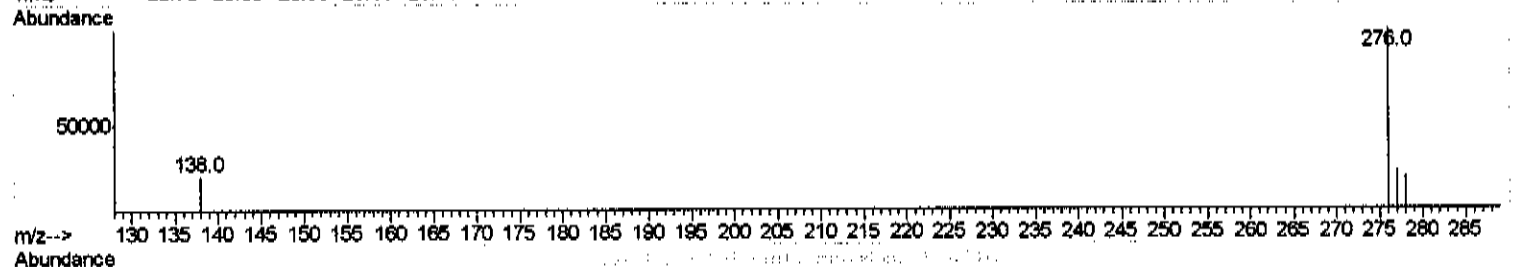
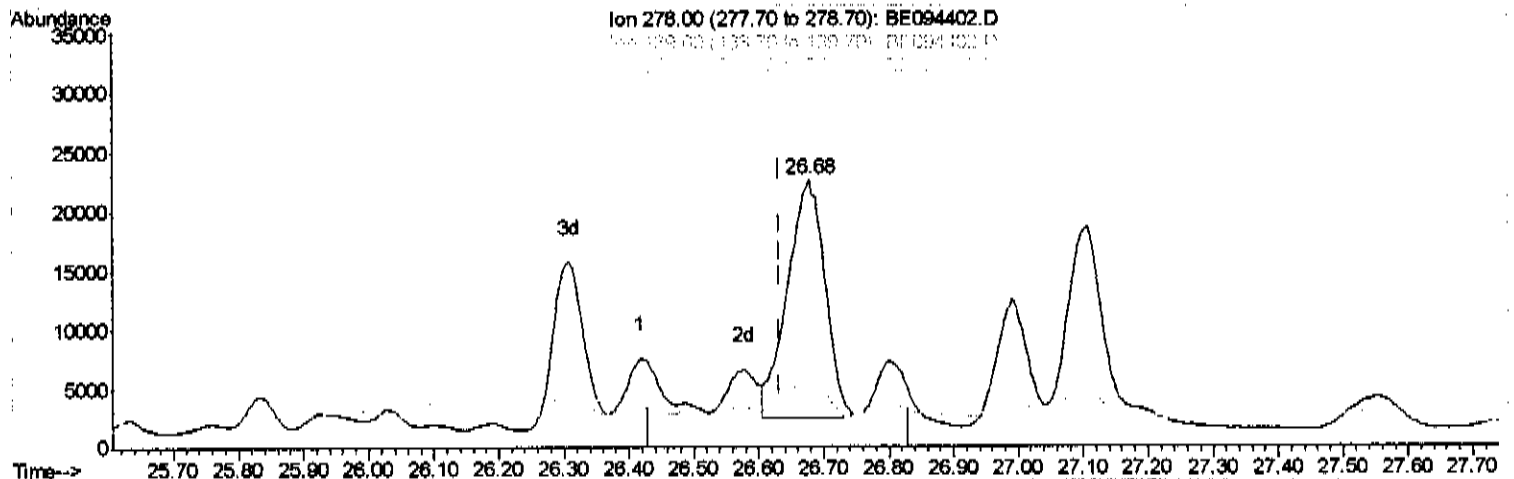
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(25) Dibenzo(a,h)anthracene

26.678min (+0.046) 2.84ng/ul m

10/16/17

response 80753

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	27.22#
279.00	32.40	31.90
0.00	0.00	0.00

Quantitation Report (Qedit)

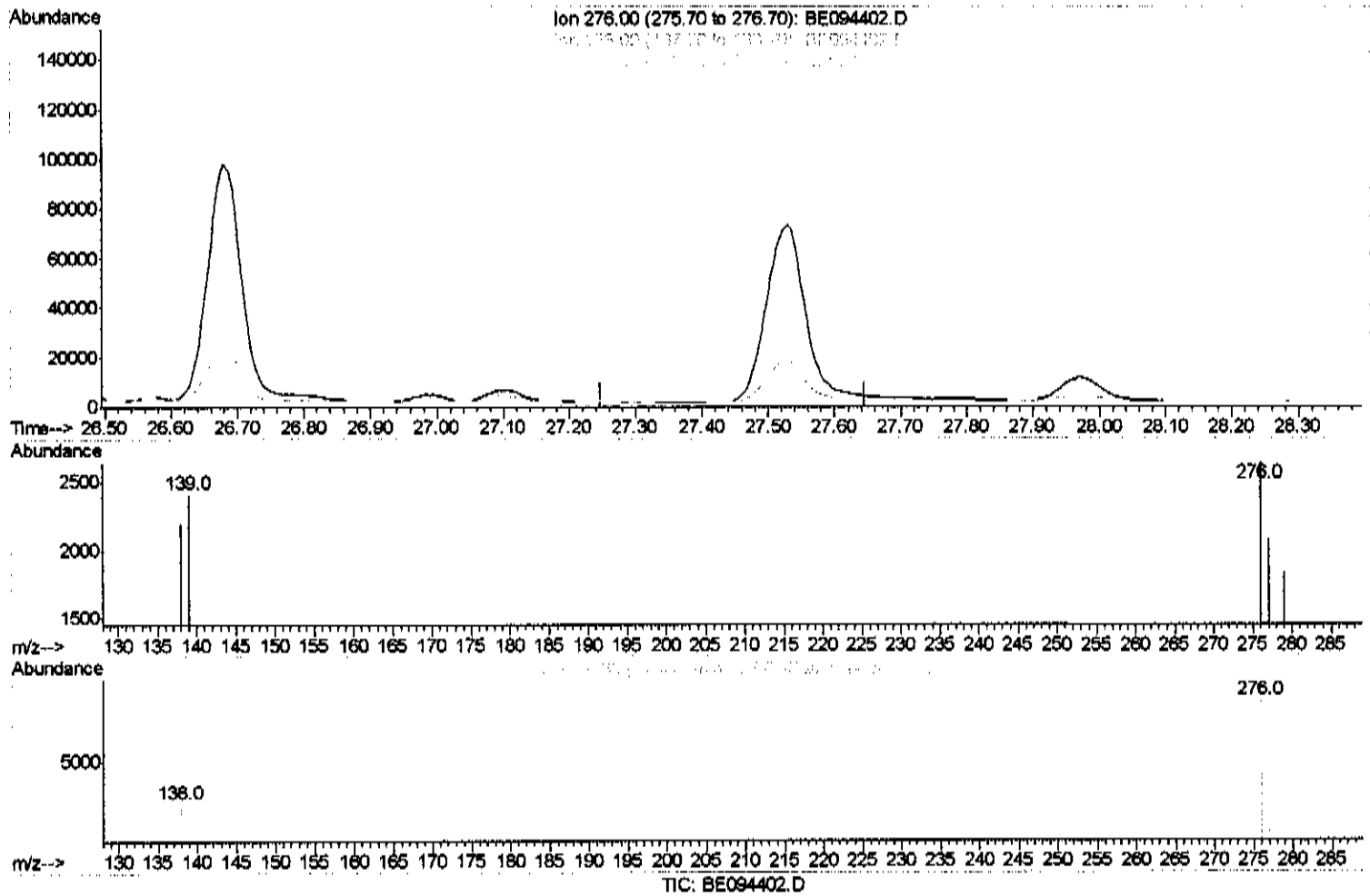
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(26) Benzo(g,h,i)perylene
 27.447min (-27.447) 0.00ng/ul
 response 0

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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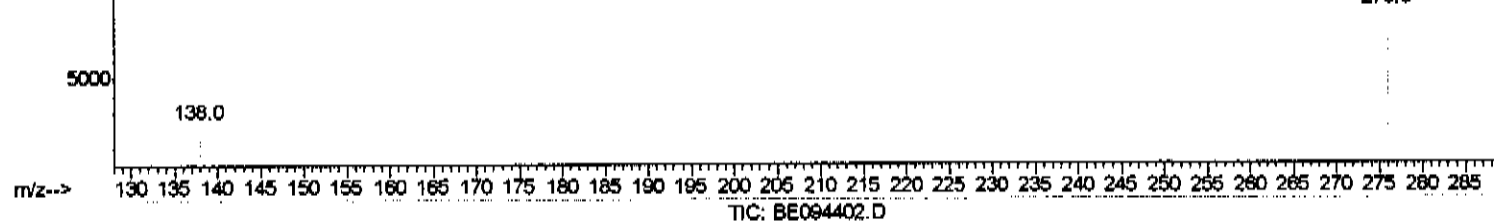
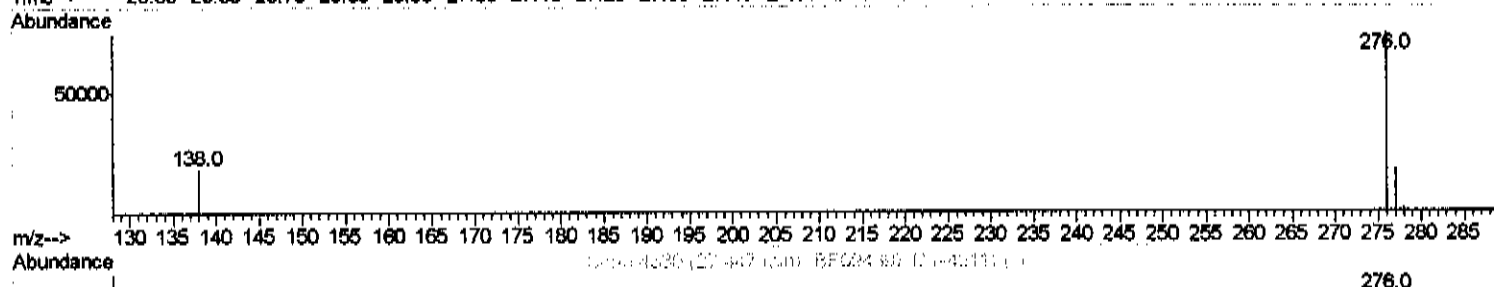
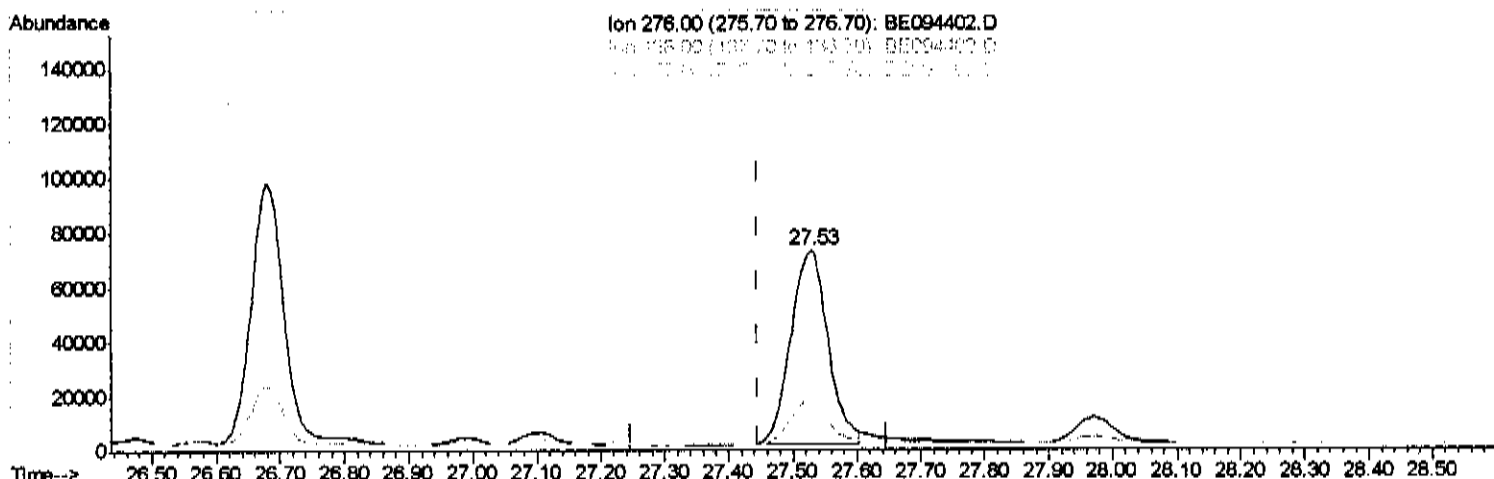
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 Sample : I5548-13
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
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Manual Integrations
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(26) Benzo(g,h,i)perylene

27.530min (+0.083) 9.89ng/ul m

JU 10/16/17

response 288965

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	26.50
277.00	25.60	26.19
0.00	0.00	0.00

Quantitation Report (Qedit)

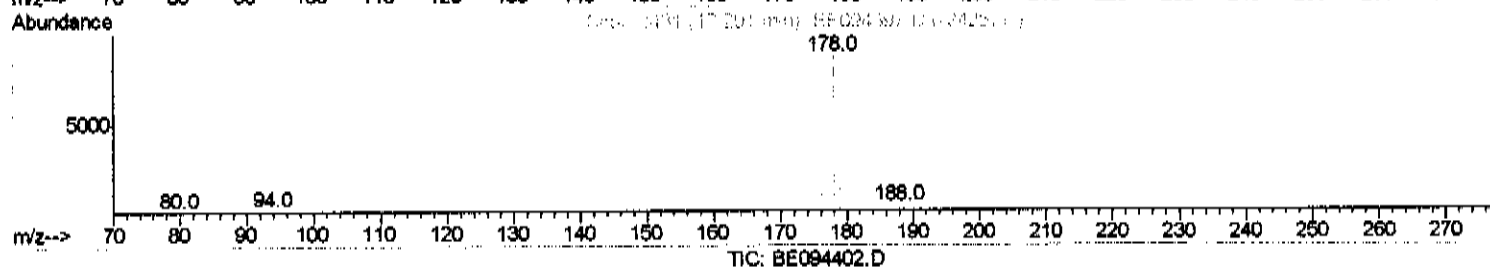
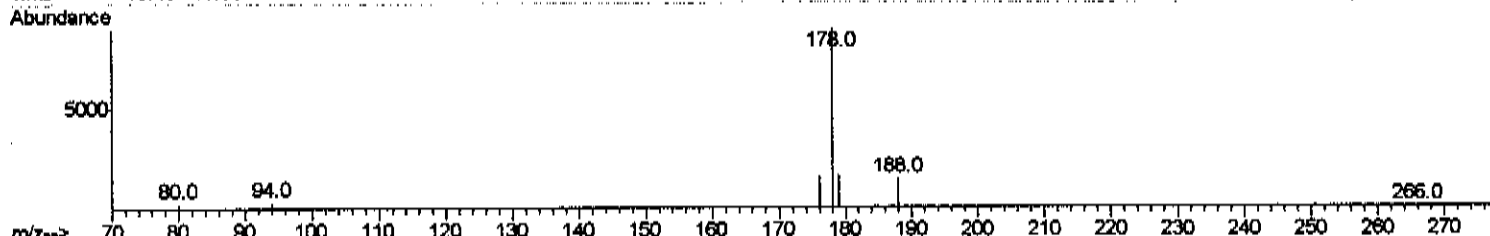
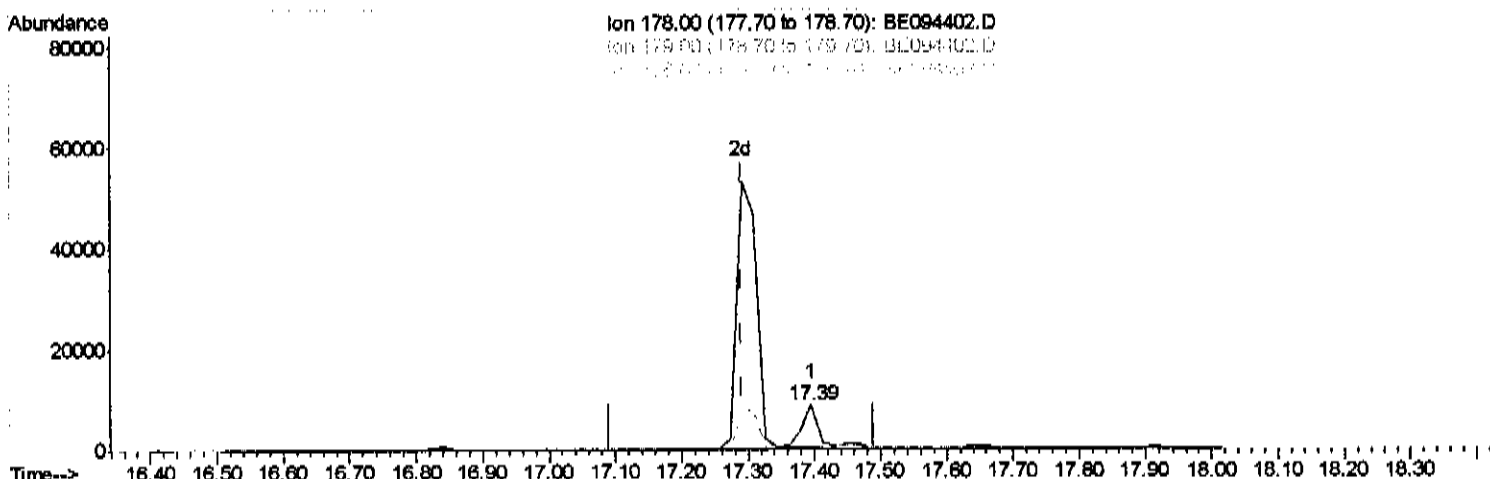
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(12) Phenanthrene

17.395min (+0.104) 0.42ng/ul

response 13339

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	19.01
178.00	17.00	17.91
0.00	0.00	0.00

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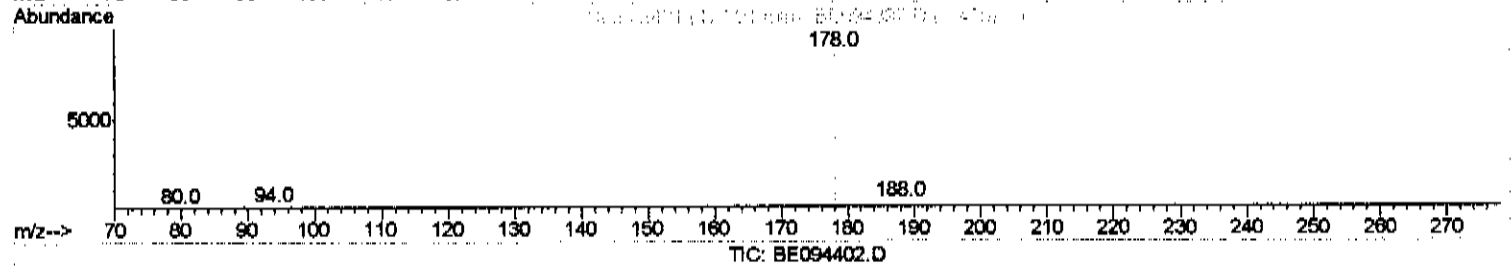
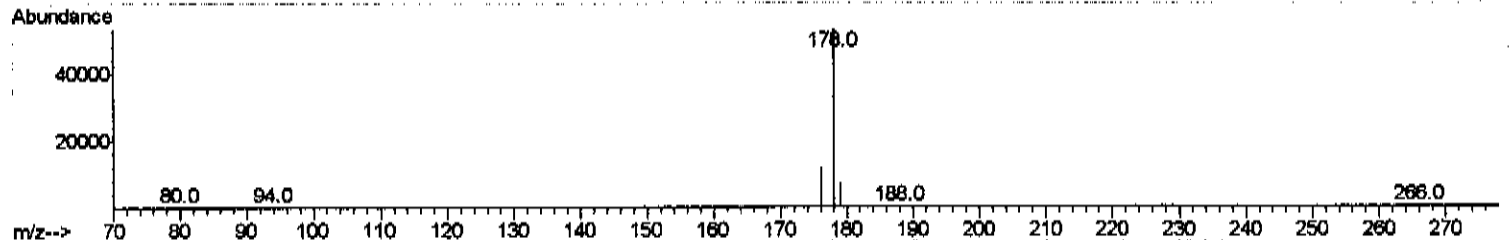
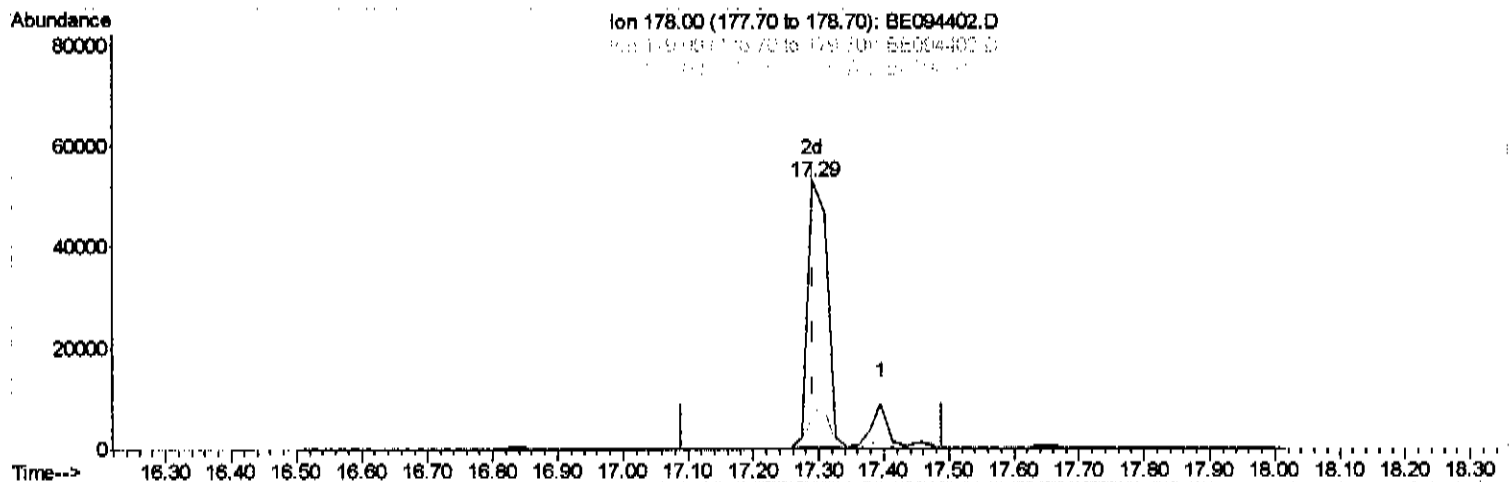
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 Sample : I5548-13
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
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(12) Phenanthrene

17.291min (+0.000) 3.41ng/ul m JU 10/16/17

response 107799

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	13.54#
176.00	17.00	22.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

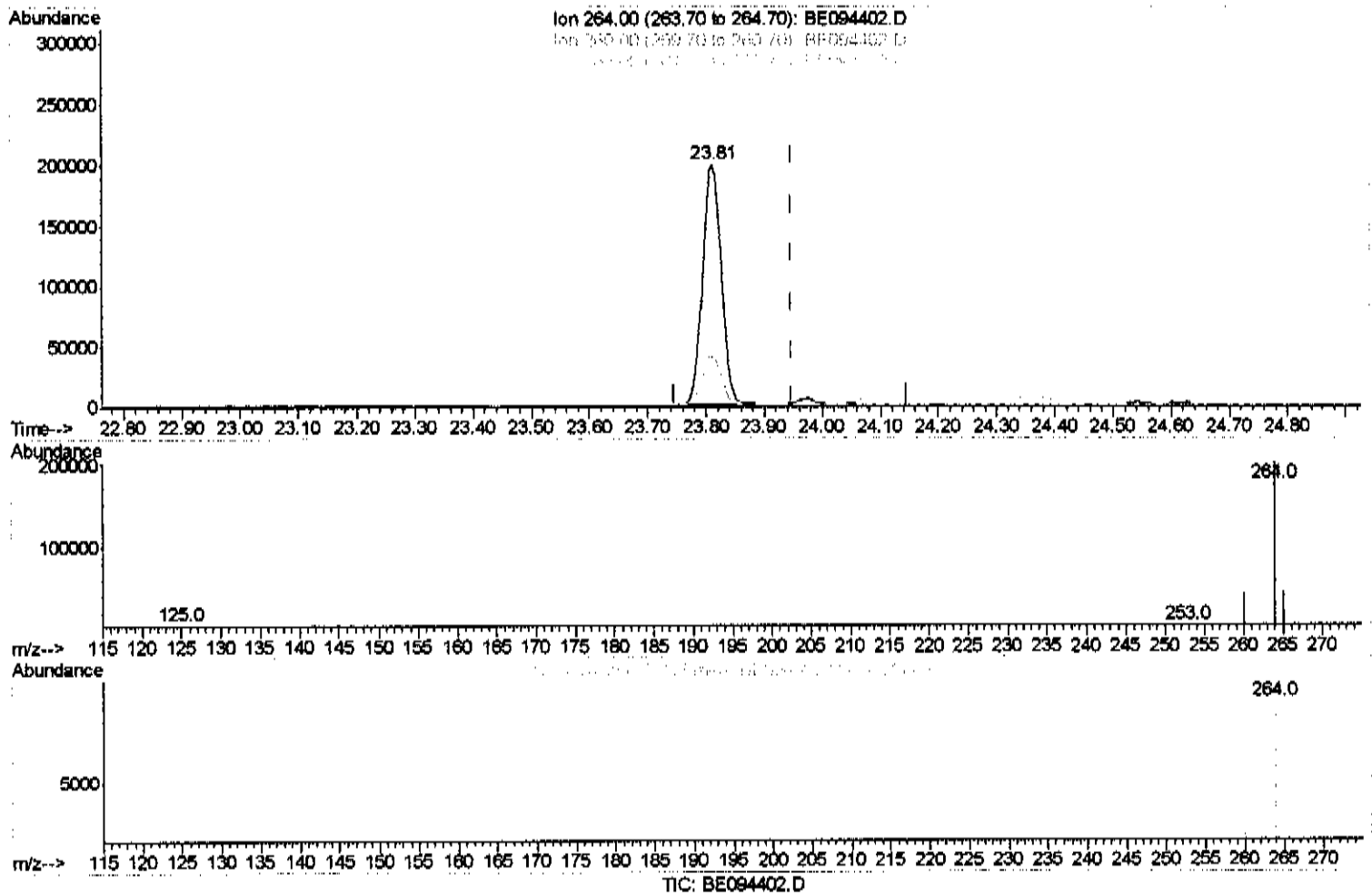
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094402.D
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 Operator : SJ/JU
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 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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(20) Perylene-d12 (I)

23.810min (-0.136) 0.40ng/ui

response 440176

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.13#
265.00	103.50	22.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

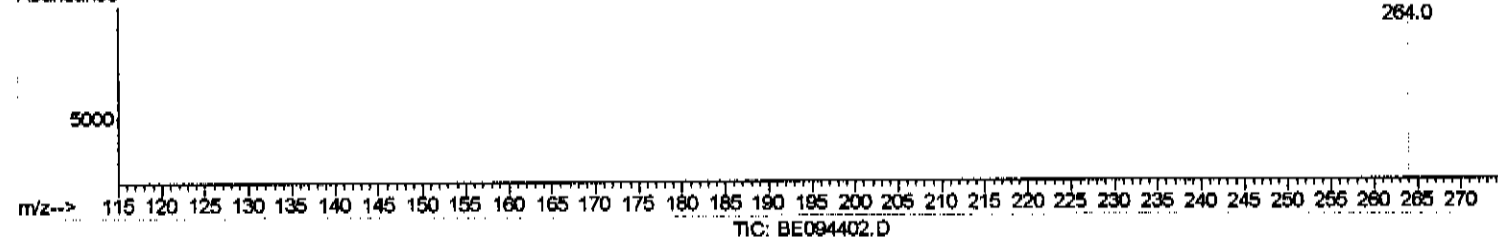
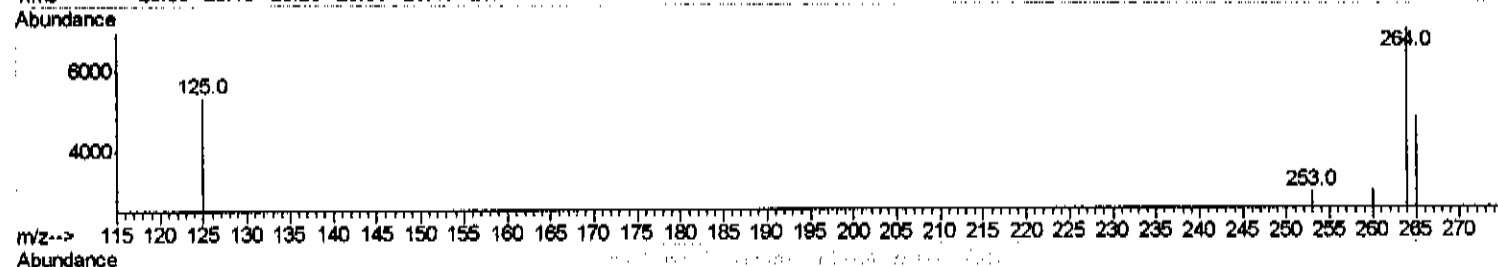
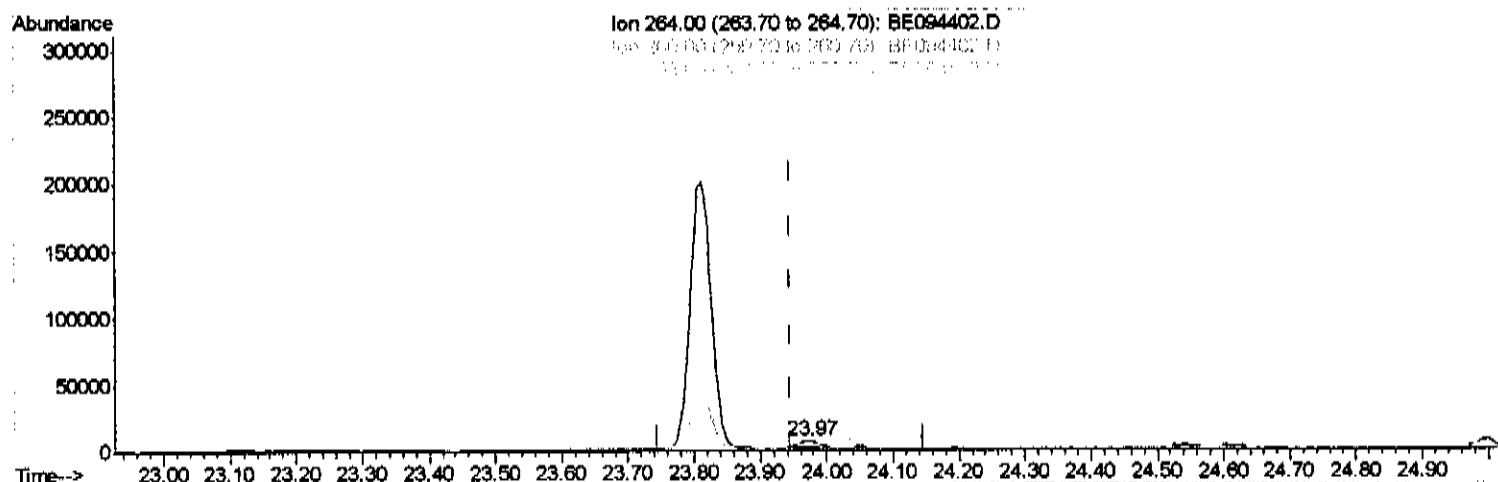
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(20) Perylene-d12 (I)

23.974min (+0.028) 0.40ng/ul m 10 10/16/17

response 11735

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	42.48#
265.00	103.50	68.12#
0.00	0.00	0.00

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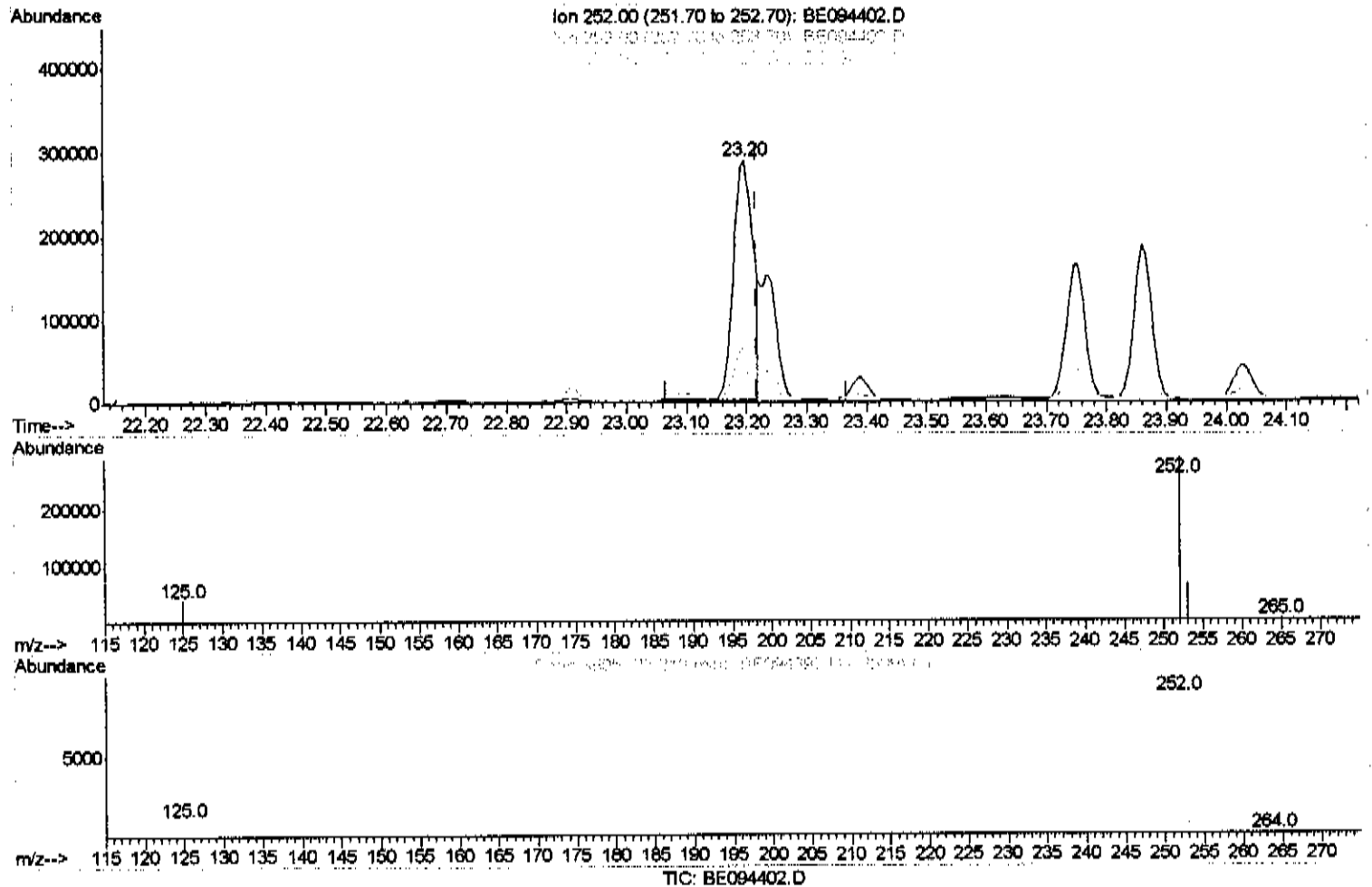
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(22) Benzo(k)fluoranthene

23.195min (-0.022) 17.72ng/ui

response 653075

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.29#
125.00	17.10	13.13#
0.00	0.00	0.00

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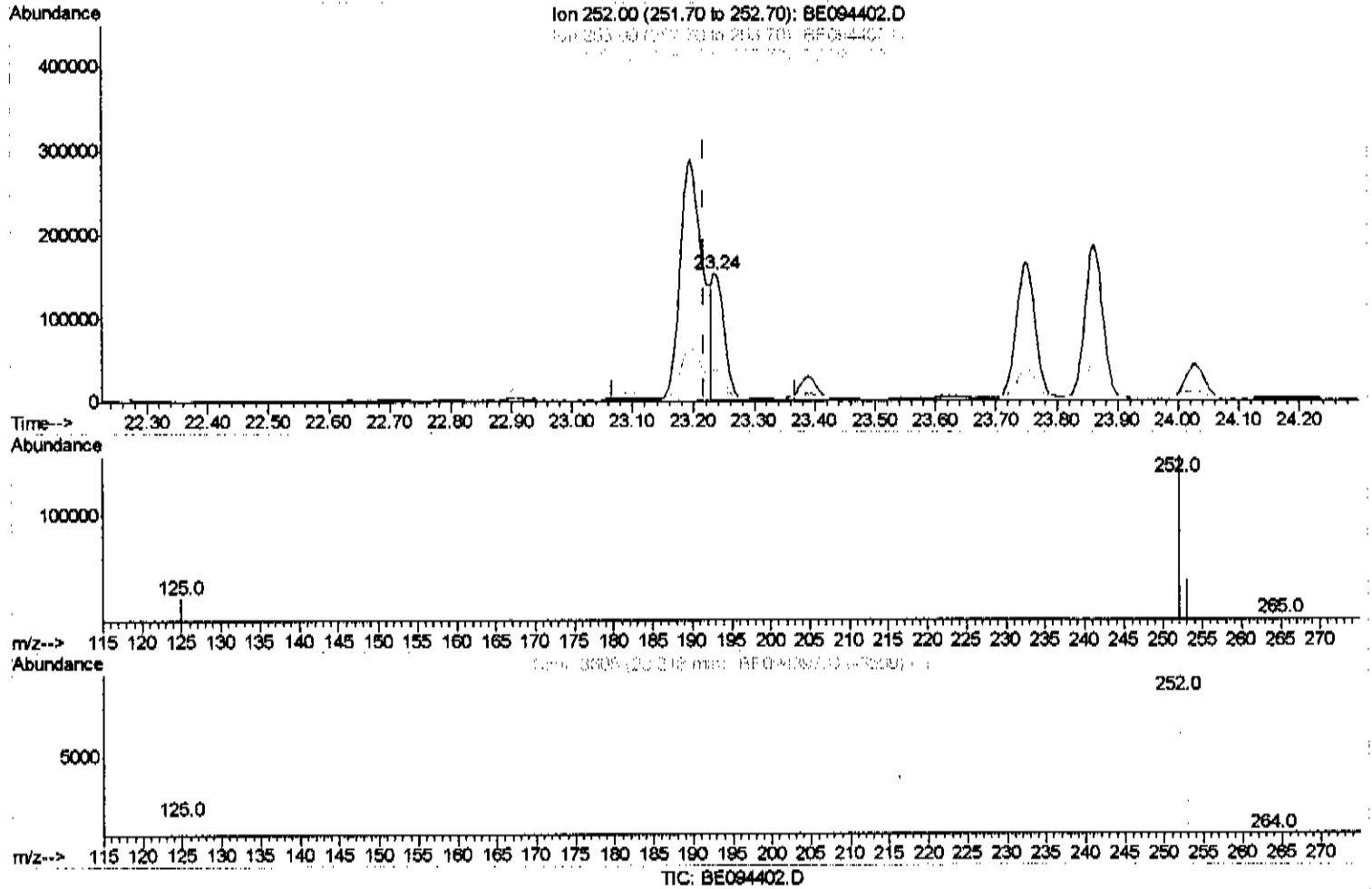
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(22) Benzo(k)fluoranthene

23.236min (+0.019) 5.78ng/ul m

response 212936

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.62
125.00	17.10	14.62
0.00	0.00	0.00

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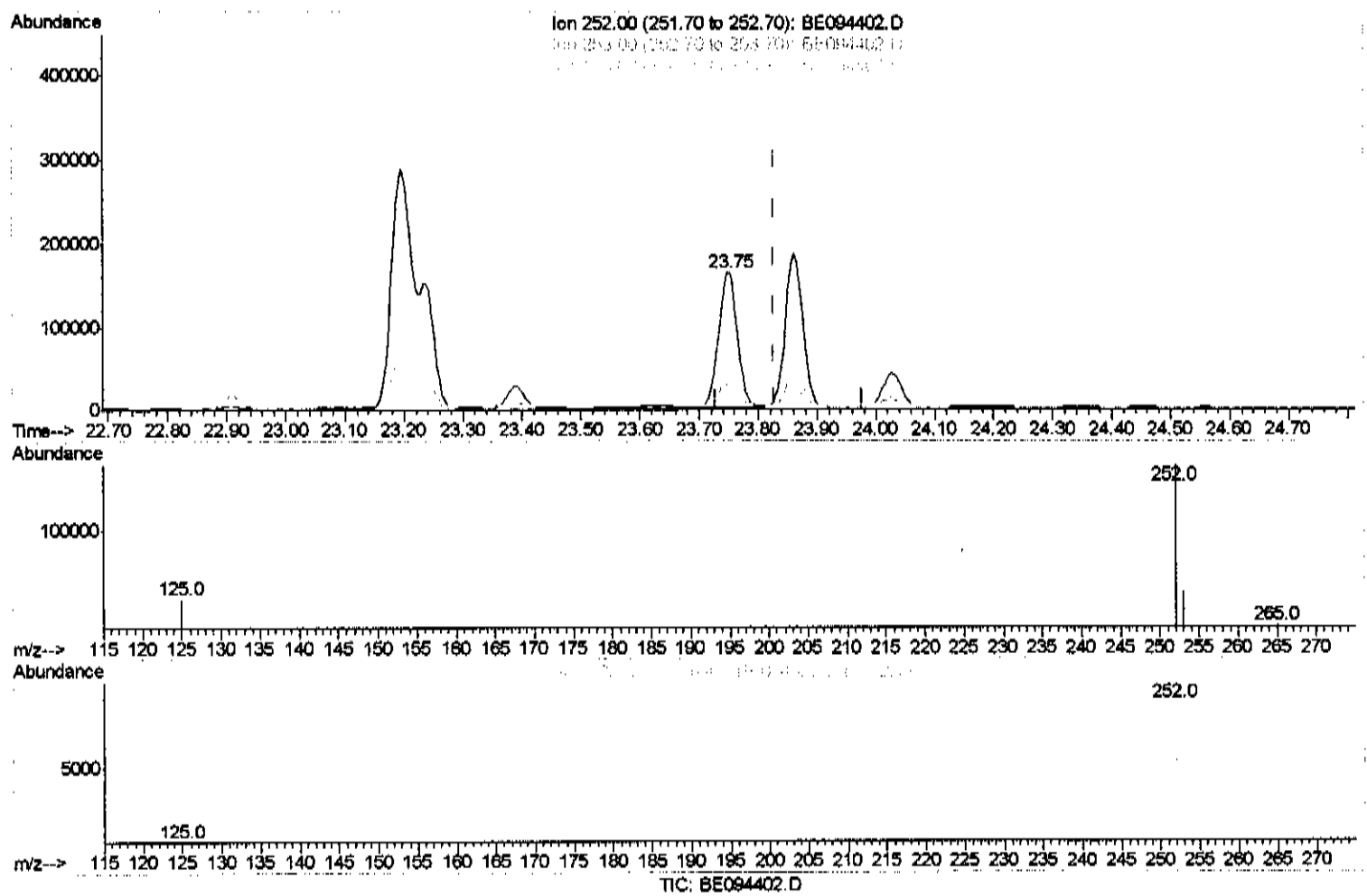
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(23) Benzo(a)pyrene (C)

23.751min (-0.077) 10.94ng/ul

response 362514

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.41#
125.00	22.60	18.82
0.00	0.00	0.00

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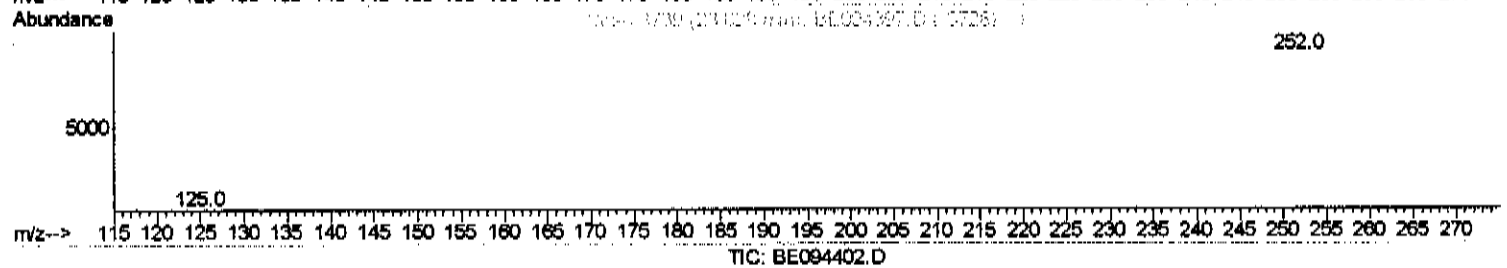
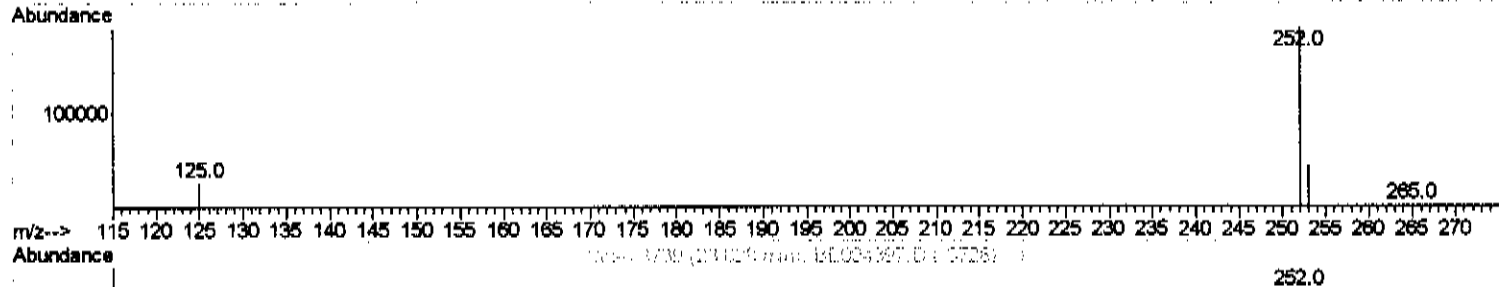
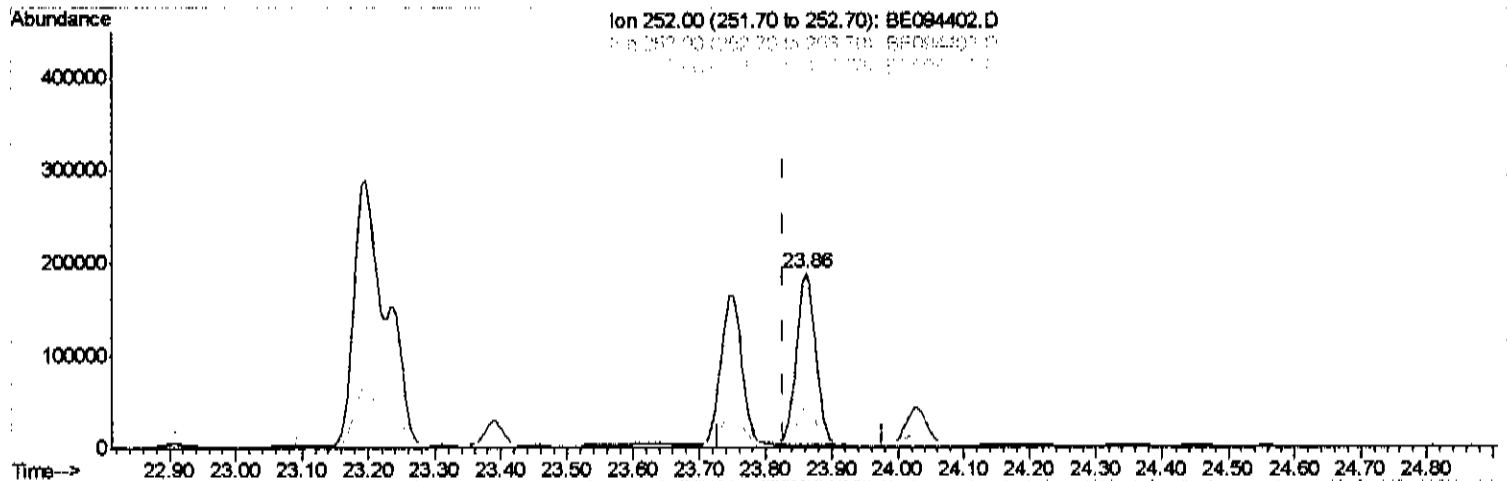
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(23) Benzo(a)pyrene (C)

23.860min (+0.033) 11.52ng/ul m 30 10/16/17
 response 381719

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.70%
125.00	22.60	14.73%
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	7.91	152	1837	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9987	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5781	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12100	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11538	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11735m	0.40	ng/ul	0.03

JU 10/16/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	2832	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	6332	0.16	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.75	128	3565	0.146	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	2407	0.152	ng/ul	98
7) Acenaphthylene	14.25	152	3593	0.159	ng/ul	95
8) Acenaphthene	14.59	153	2354	0.127	ng/ul	99
9) Fluorene	15.57	166	2167	0.100	ng/ul#	93
12) Phenanthrene	17.29	178	107799m	3.409	ng/ul	95
13) Anthracene	17.39	178	15210	0.495	ng/ul	84
15) Fluoranthene	19.32	202	551410	13.272	ng/ul	80
17) Pyrene	19.68	202	495675	15.440	ng/ul#	88
18) Benzo(a)anthracene	21.41	228	249449	8.150	ng/ul#	98
19) Chrysene	21.47	228	459822	13.008	ng/ul	86
21) Benzo(b)fluoranthene	23.20	252	653075	20.487	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	212936m	5.779	ng/ul	
23) Benzo(a)pyrene	23.86	252	381719m	11.523	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.68	276	330926m	9.766	ng/ul	
25) Dibenzo(a,h)anthracene	26.68	278	80753m	2.841	ng/ul	
26) Benzo(a,h,i)perylene	27.53	276	288965m	9.886	ng/ul	

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