

Quantitation Report (QT Reviewed)

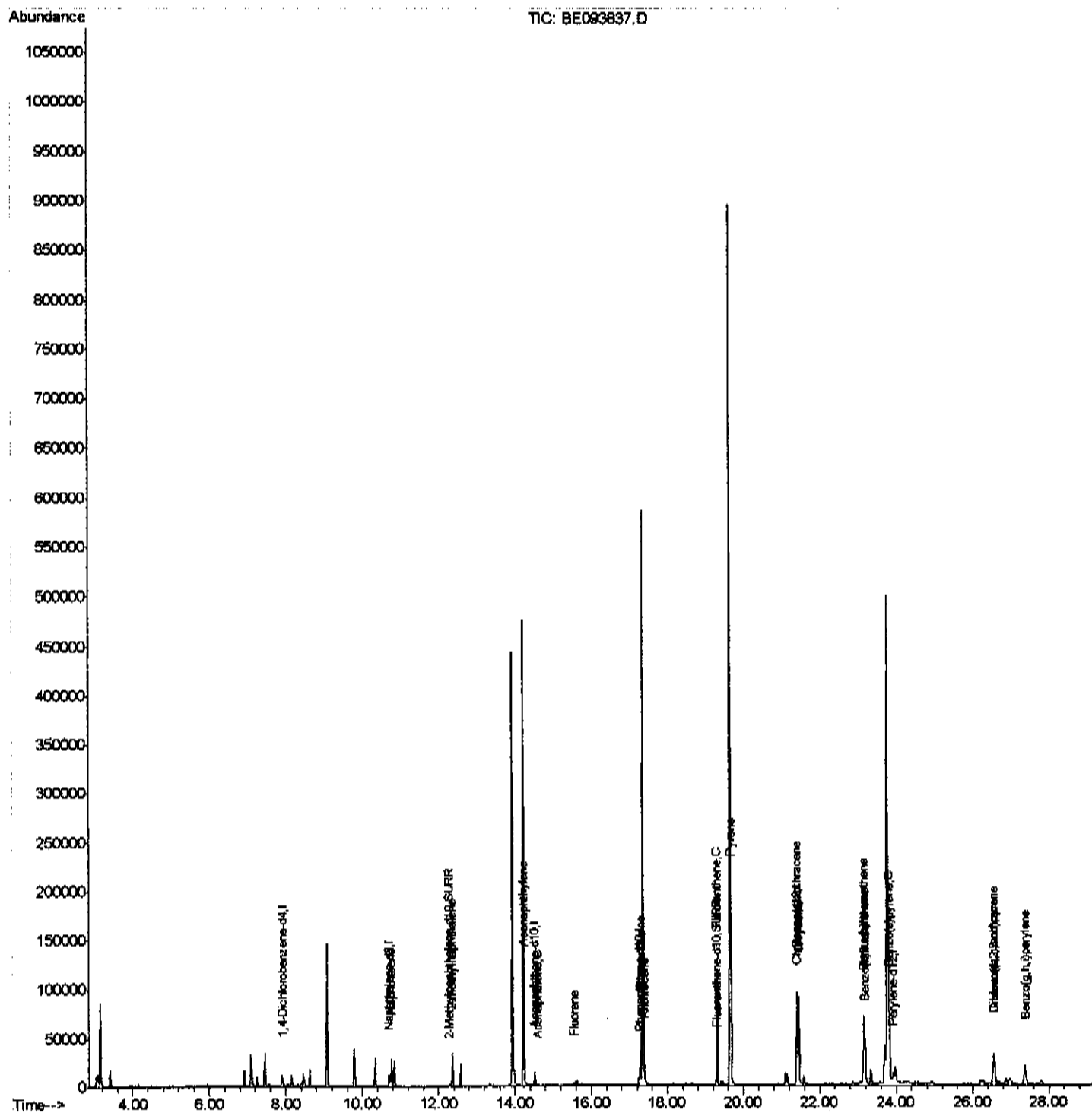
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093837.D
 Acq On : 16 Aug 2017 12:53
 Operator : SJ/JU
 Sample : I4672-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AG3

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:23 PM

Quant Time: Aug 17 01:41:30 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 OLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

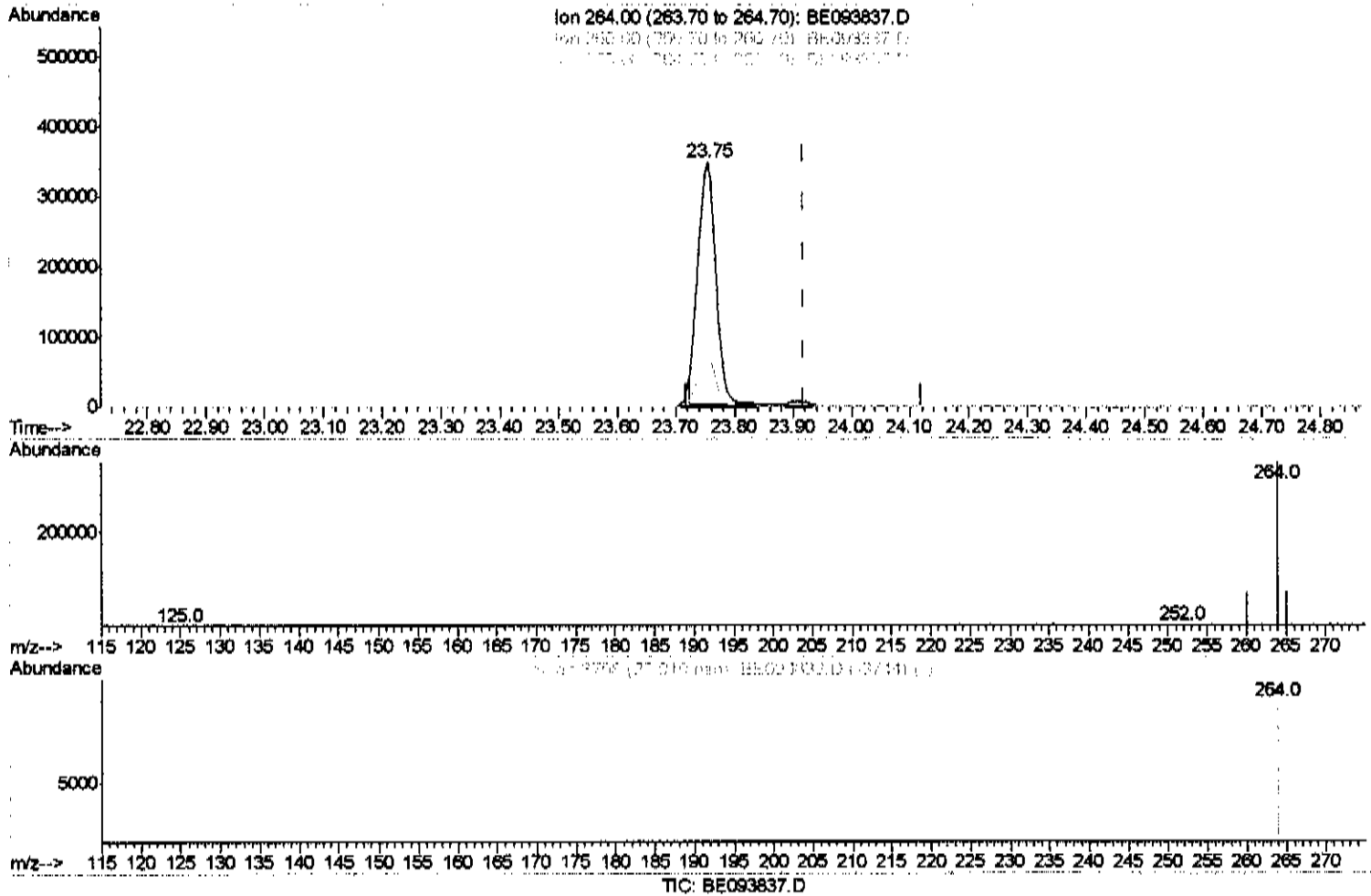
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(20) Perylene-d12 (I)

23.754min (-0.165) 0.40ng/ul

response 725549

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.04%
265.00	103.50	21.52%
0.00	0.00	0.00

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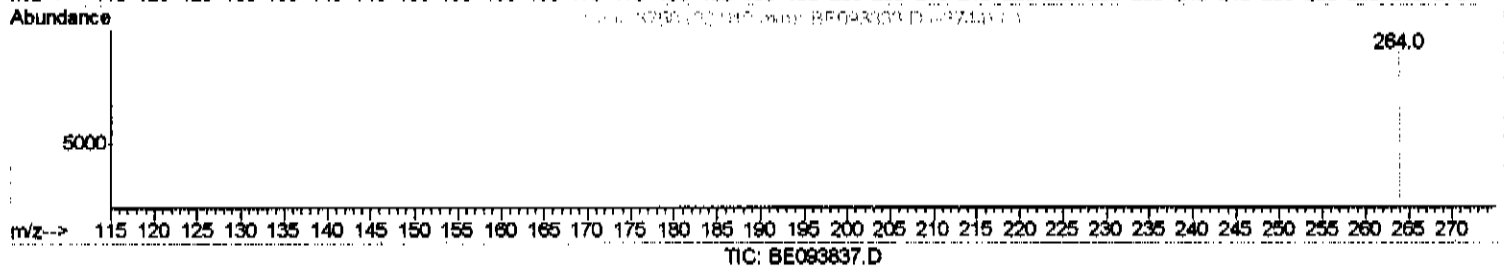
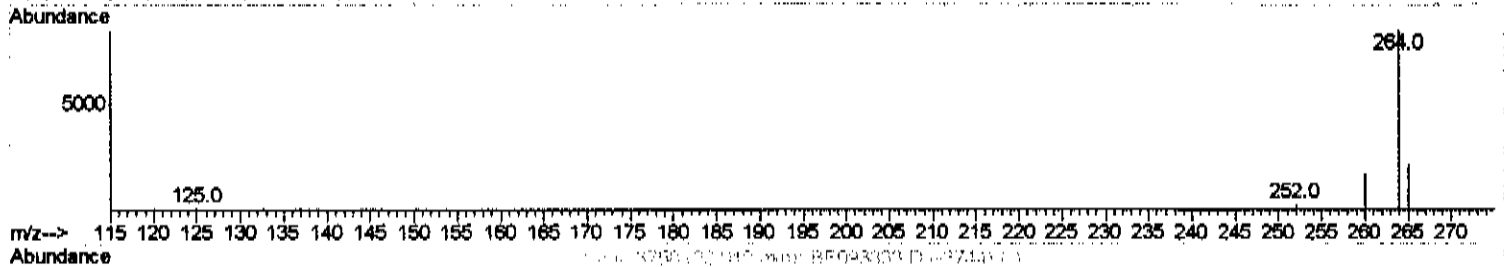
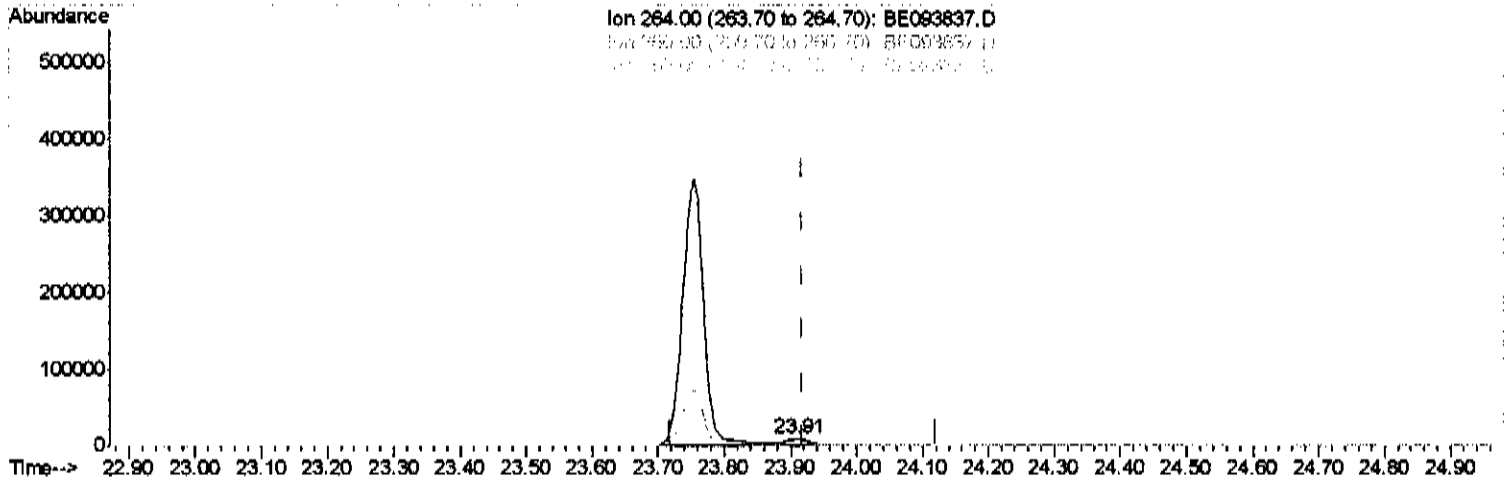
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(20) Perylene-d12 (I)

23.909min (-0.010) 0.40ng/ul m

response 15727

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.62
266.00	103.50	30.27#
0.00	0.00	0.00

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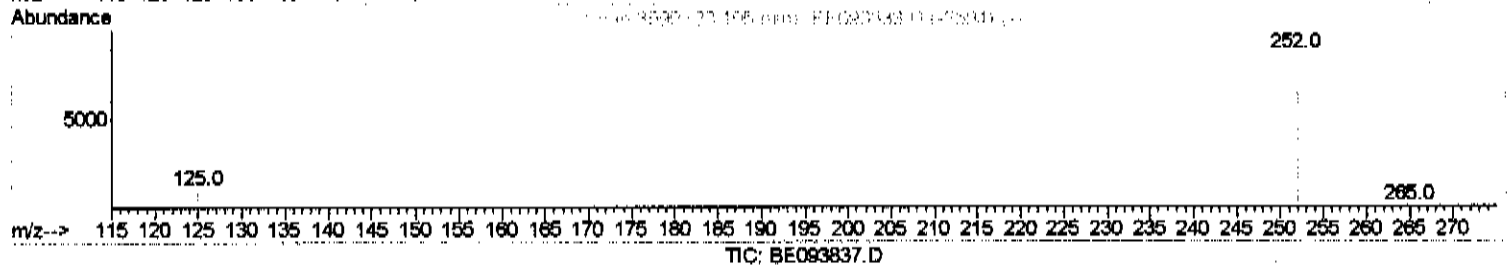
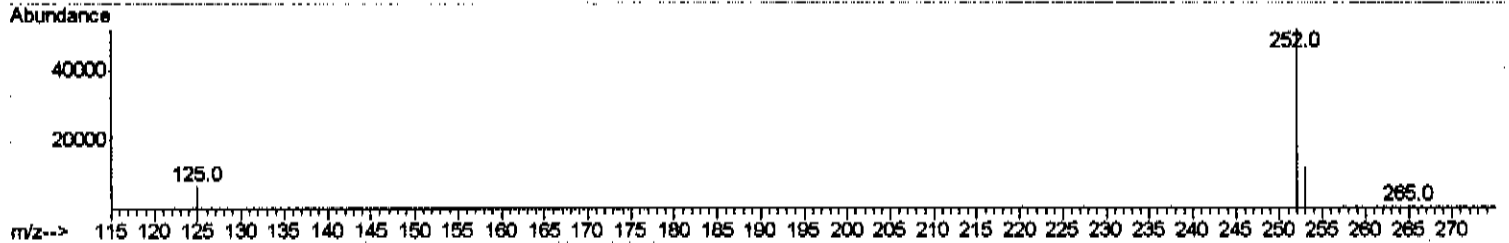
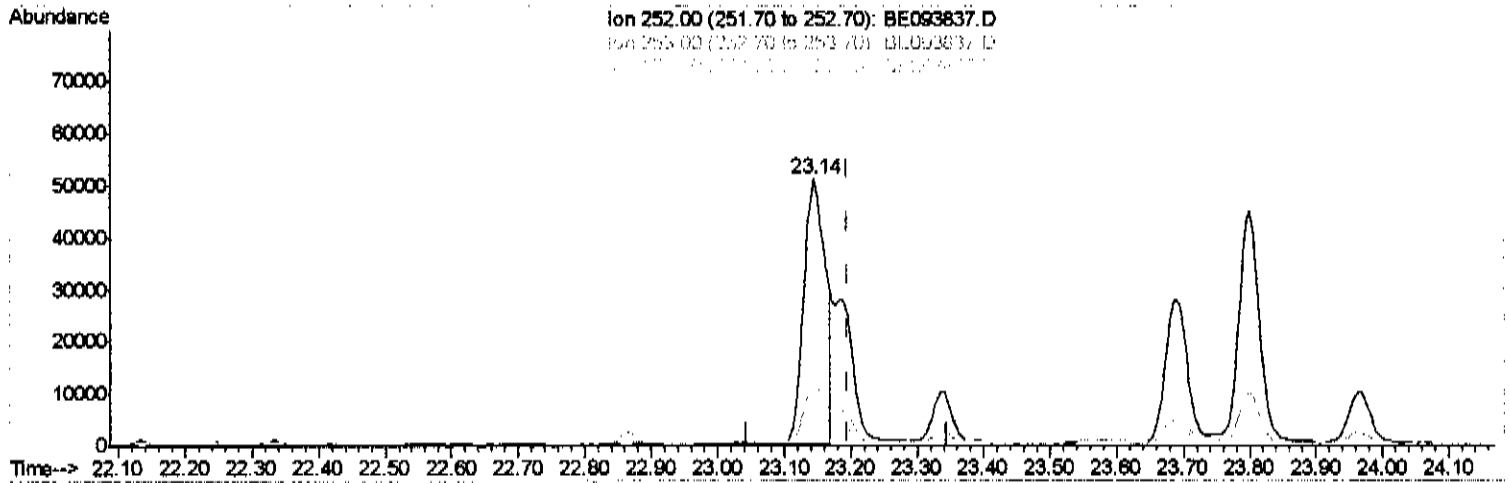
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(22) Benzo(k)fluoranthene

23.144min (-0.051) 2.37ng/ul

response 113857

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.15%
125.00	17.10	12.60%
0.00	0.00	0.00

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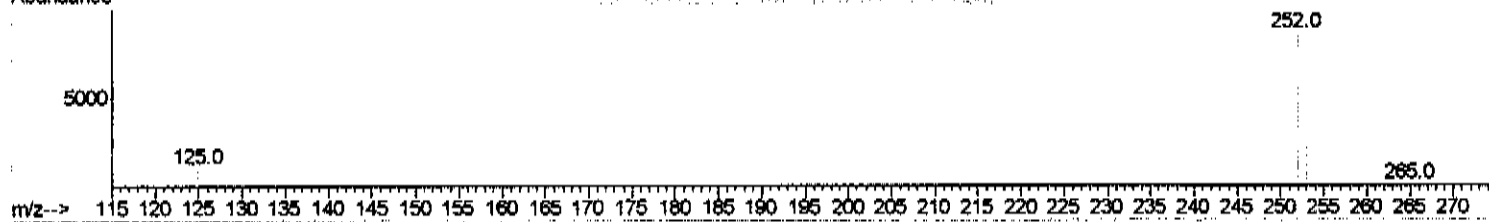
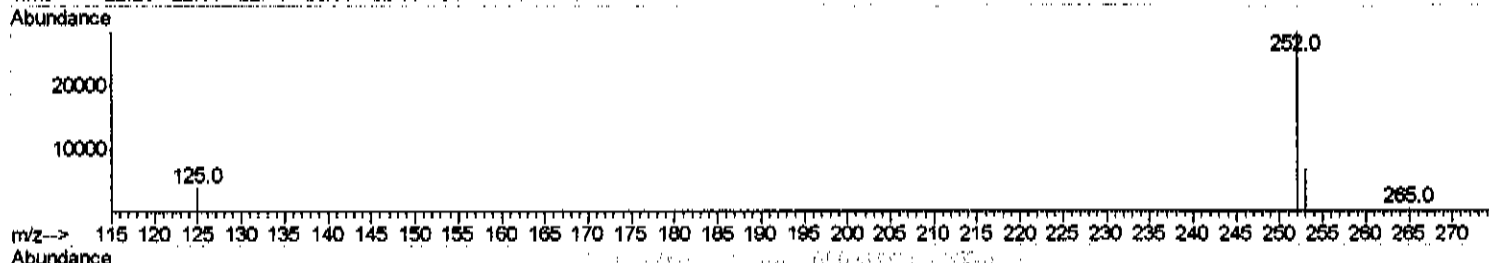
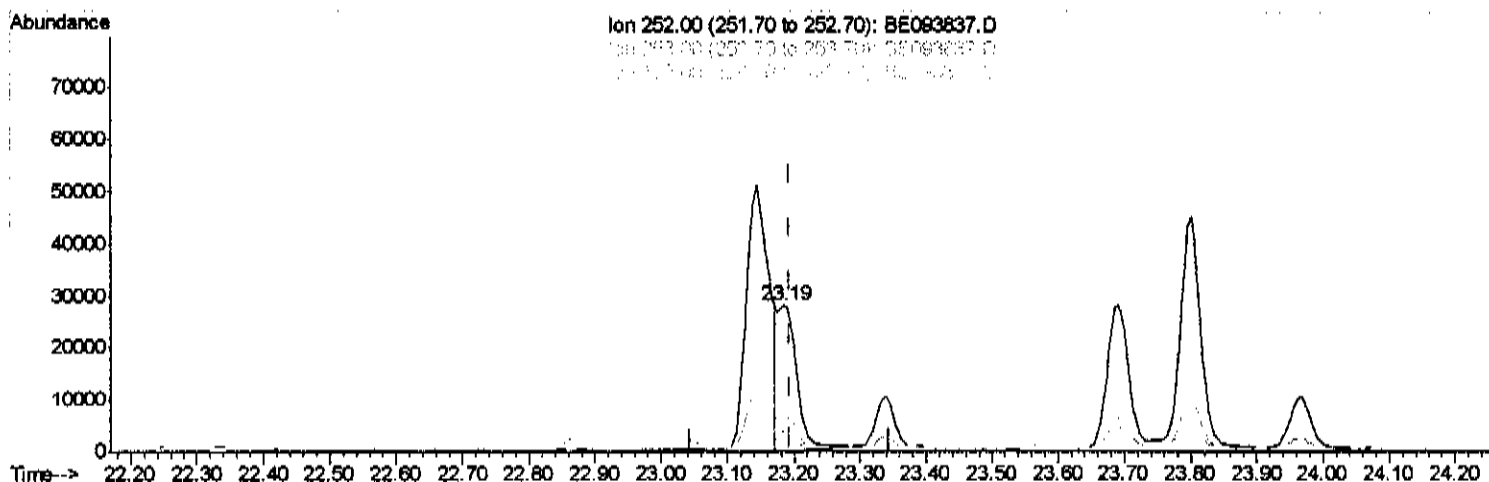
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TIC: BE093837.D

(22) Benzo(k)fluoranthene

23.185min (-0.010) 1.14ng/ul m

response 54549

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.79#
125.00	17.10	13.55#
0.00	0.00	0.00

Handwritten signature and date:
 8/17/17

Quantitation Report (Qedit)

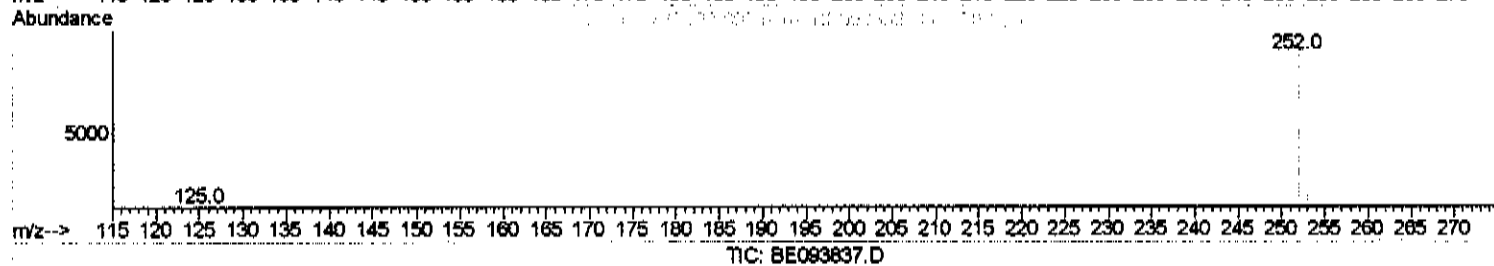
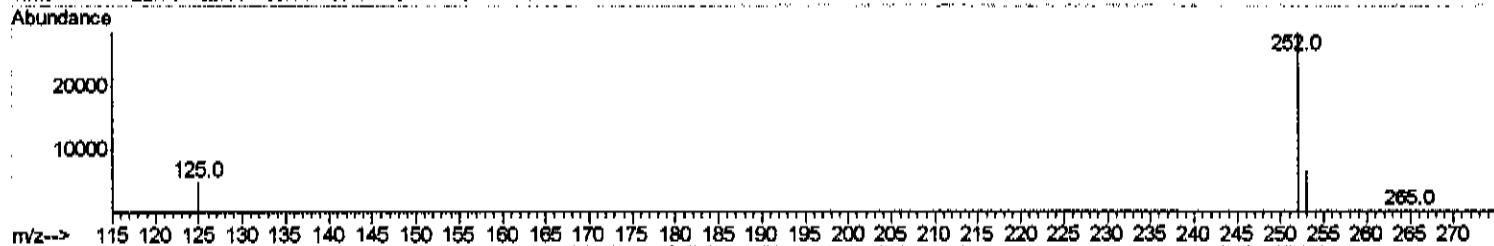
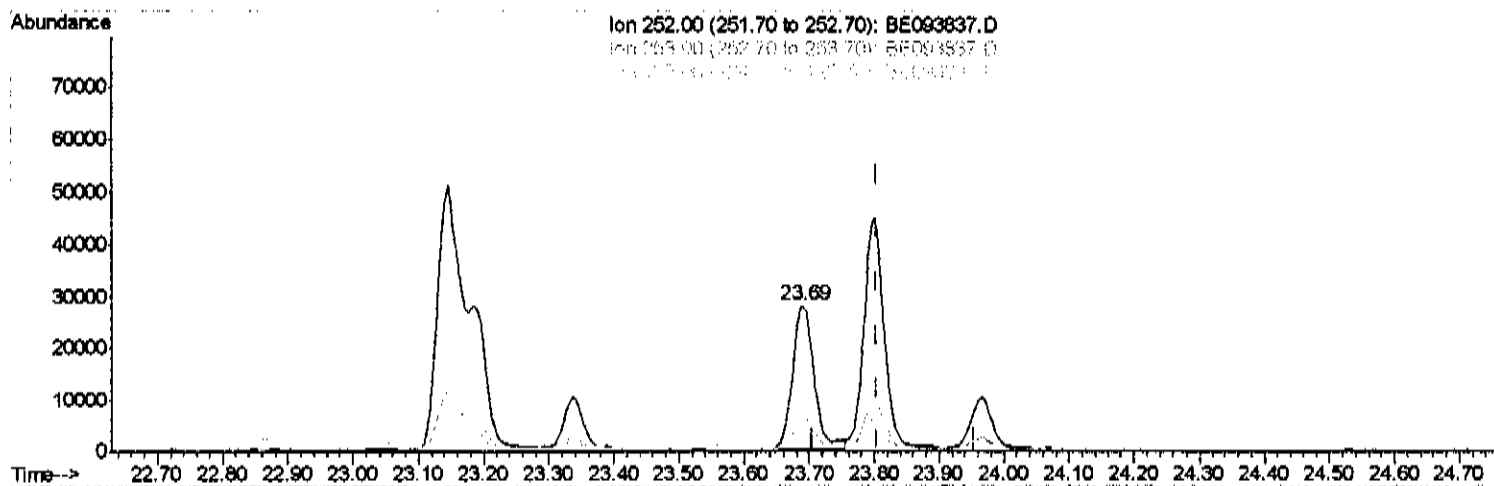
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(23) Benzo(a)pyrene (C)

23.691min (-0.115) 1.39ng/ul

response 64369

Ion	Exp%	Act%
252.00	100	100
253.00	35.80	23.48#
125.00	22.80	17.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

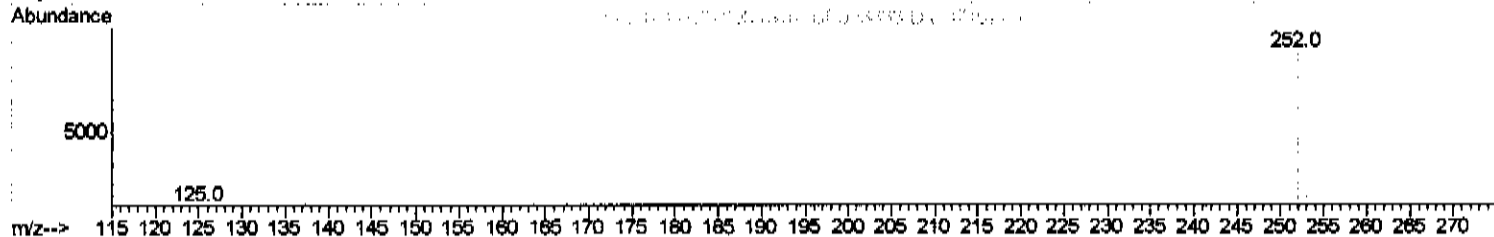
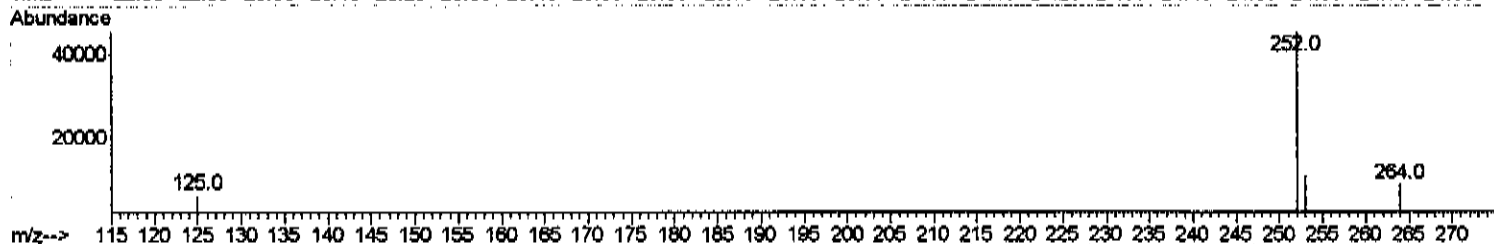
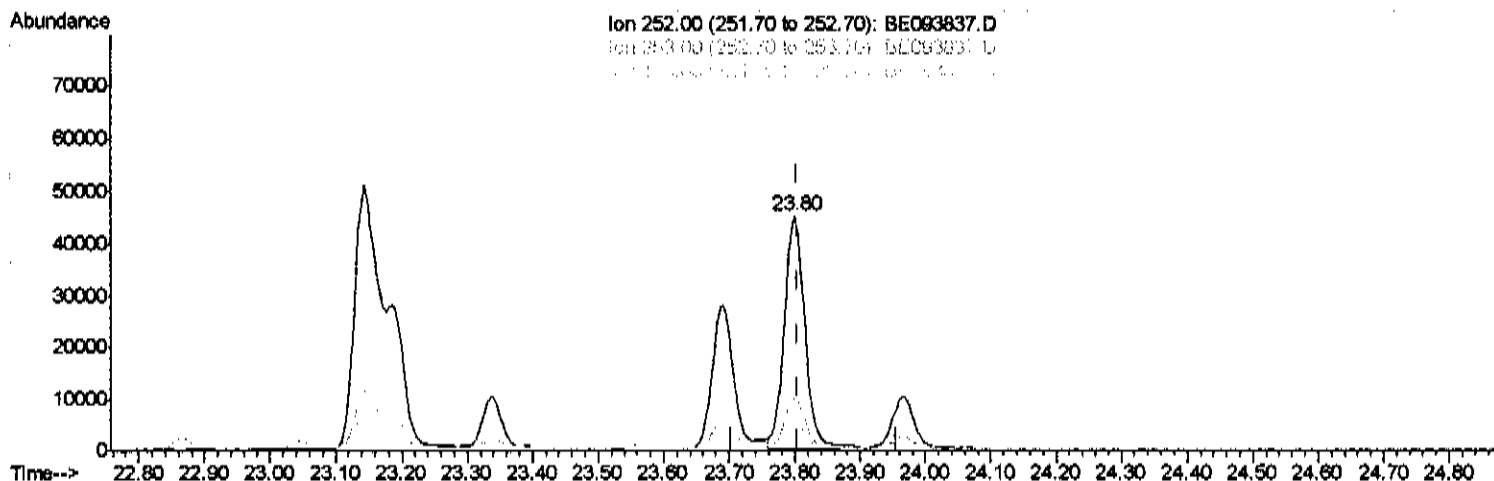
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 Operator : SJ/JU
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 Misc :
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Instrument :
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(23) Benzo(a)pyrene (C)

23.800min (-0.005) 2.08ng/ul m

response 96321

Ion Exp% Act%

252.00 100 100

253.00 35.60 23.22#

125.00 22.60 13.68#

0.00 0.00 0.00

SJ
 8/17/17

Quantitation Report (Qedit)

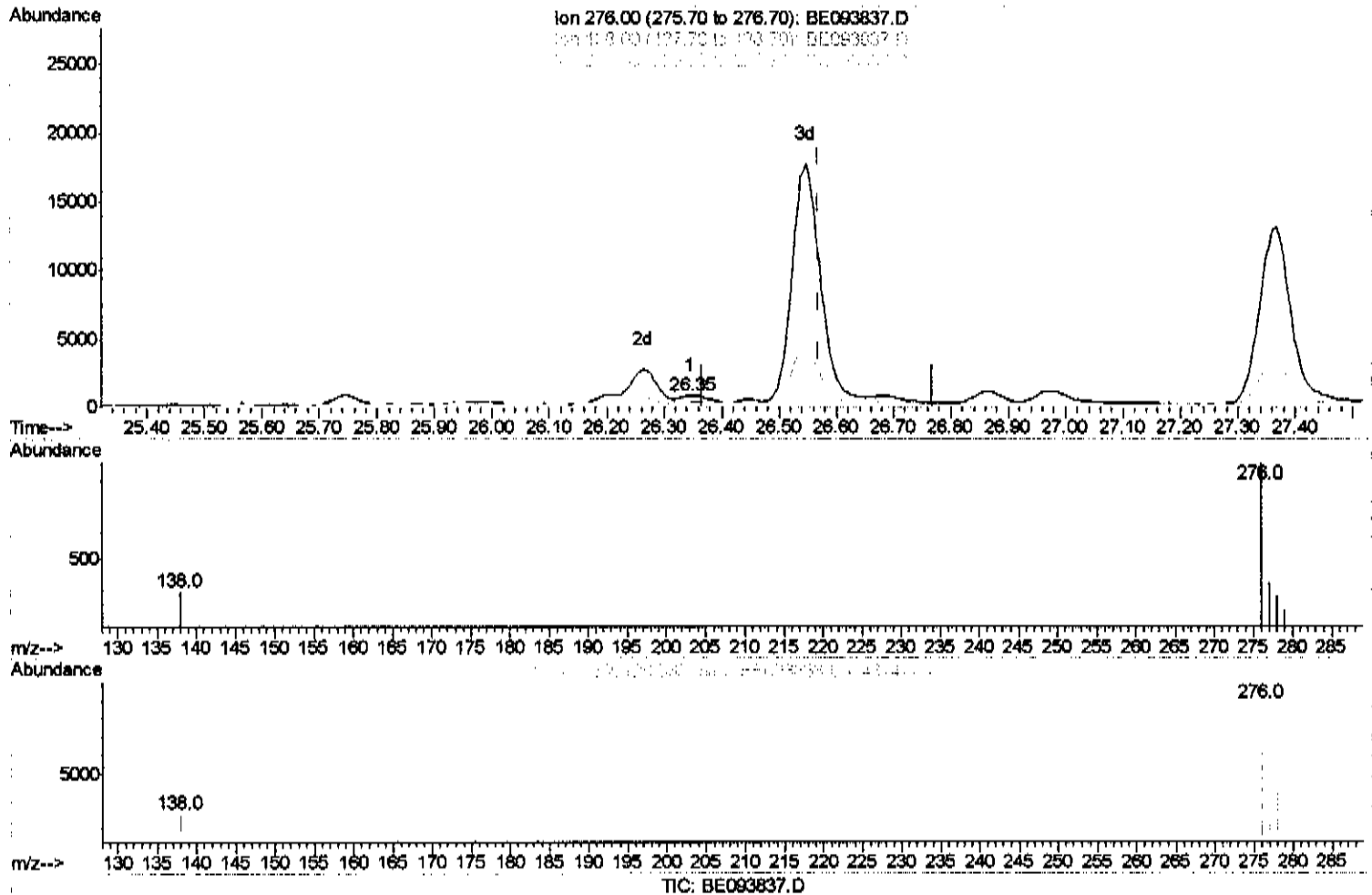
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(24) Indeno(1,2,3-cd)pyrene

26.346min (-0.222) 0.03ng/ul

response 1596

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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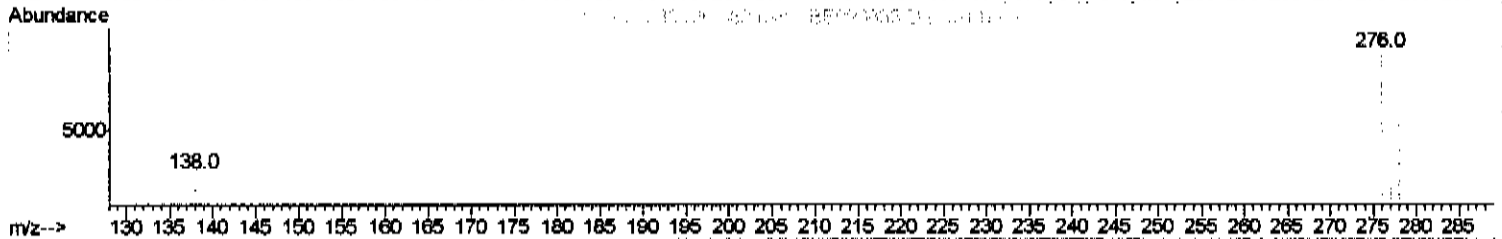
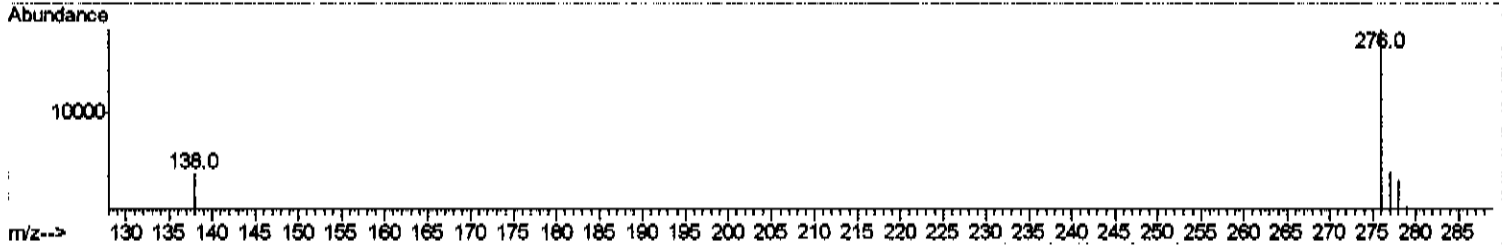
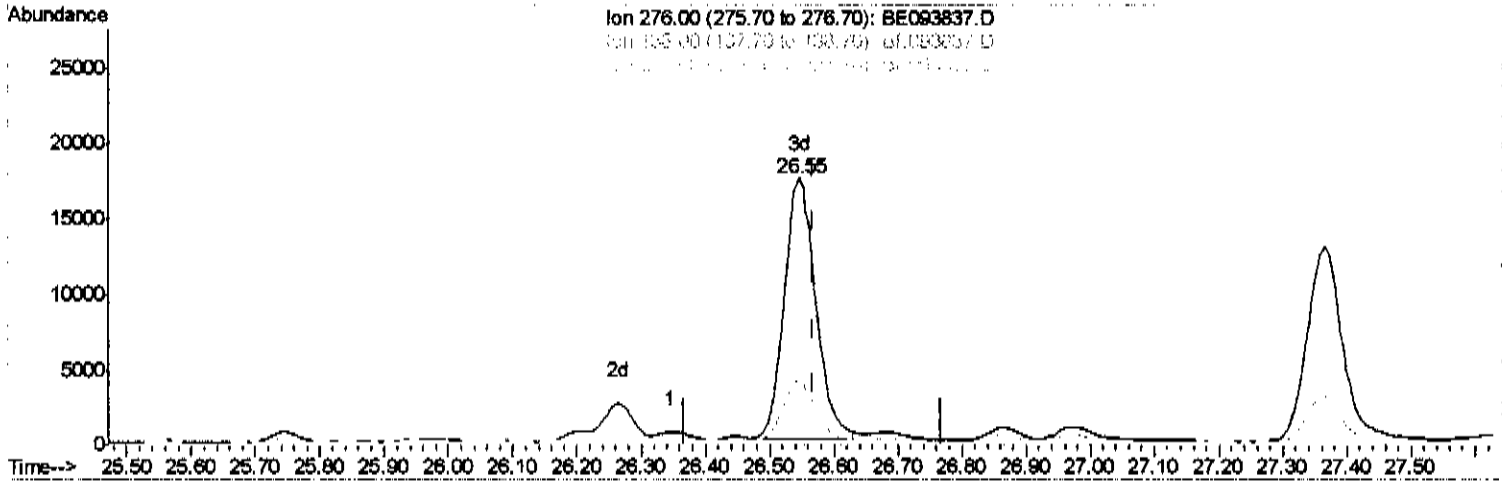
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TIC: BE093837.D

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

26.547min (-0.022) 1.17ng/ul m

response 59836

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)

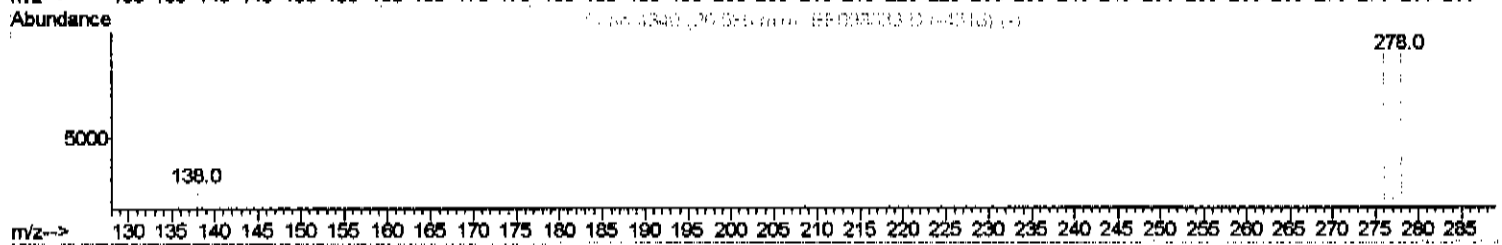
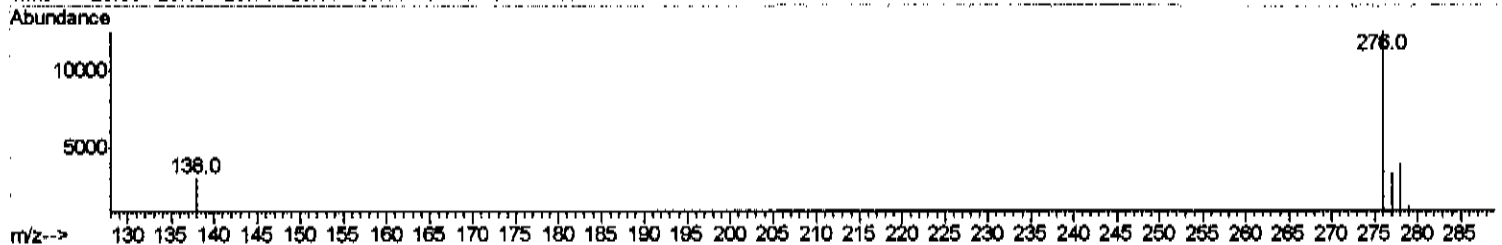
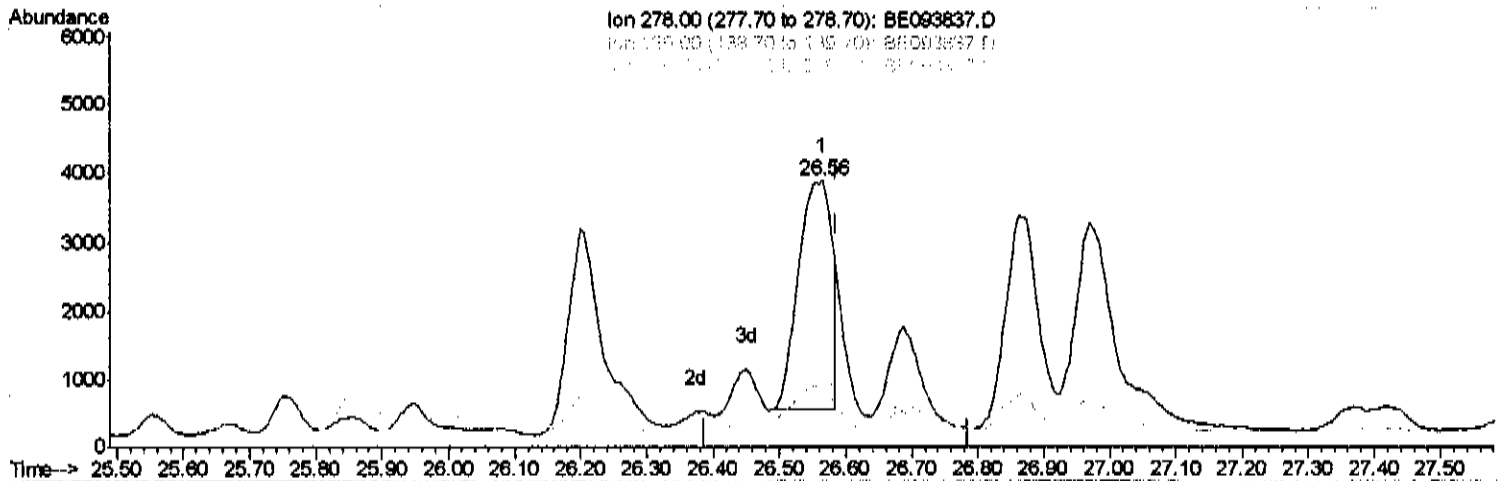
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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BE093837.D

(25) Dibenzo(a,h)anthracene

26.565min (-0.022) 0.27ng/ul

response 11658

Ion	Exp%	Act%
278.00	100	100
138.00	21.70	21.72
279.00	32.40	29.40
0.00	0.00	0.00

Quantitation Report (Qedit)

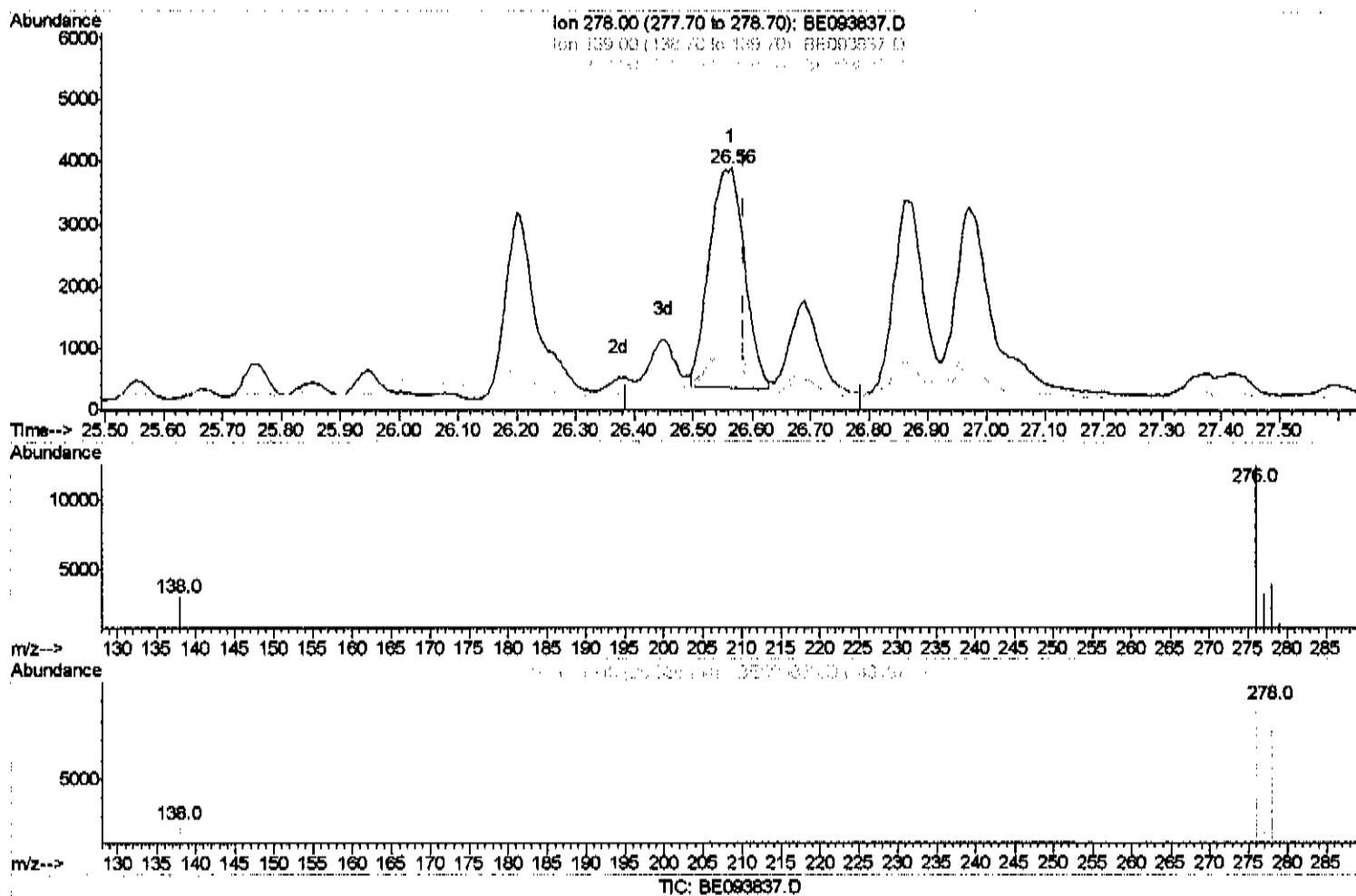
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(25) Dibenzo(a,h)anthracene

26.565min (-0.022) 0.35ng/ul m

response 14742

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	21.72
279.00	32.40	29.40
0.00	0.00	0.00

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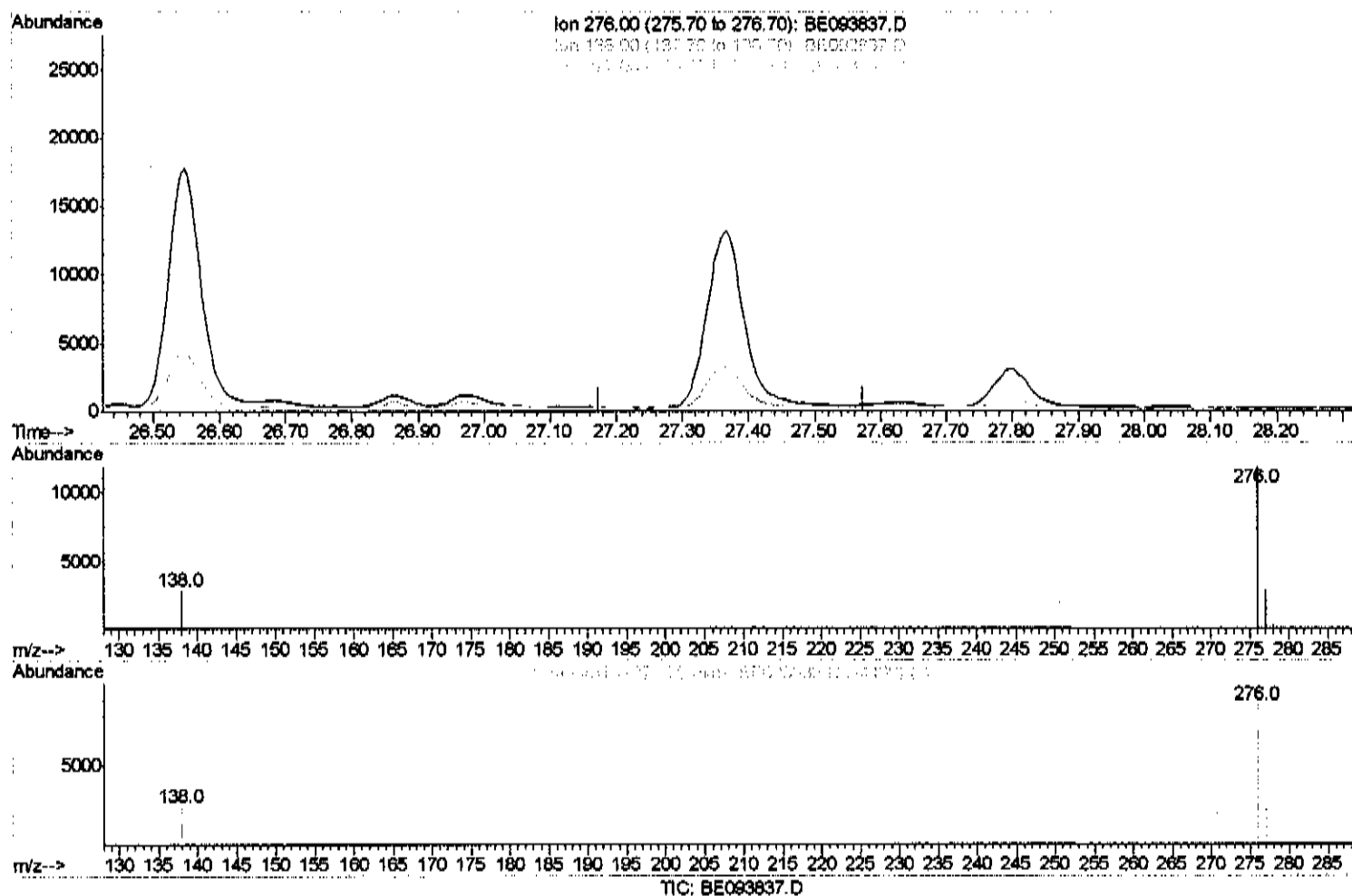
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(26) Benzo(g,h,i)perylene

27.375min (-27.375) 0.00ng/ui

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	27.30	0.00#
277.00	25.80	0.00#
0.00	0.00	0.00

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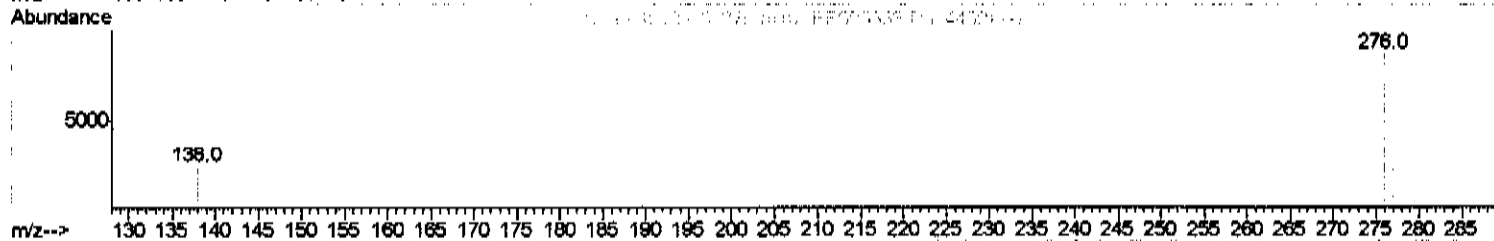
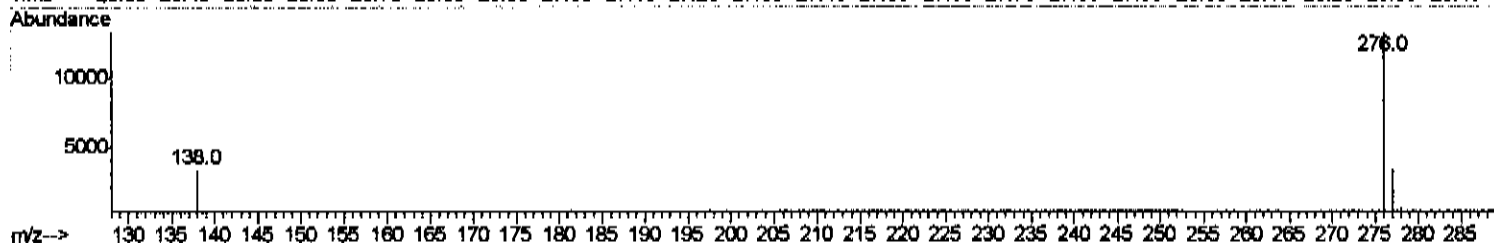
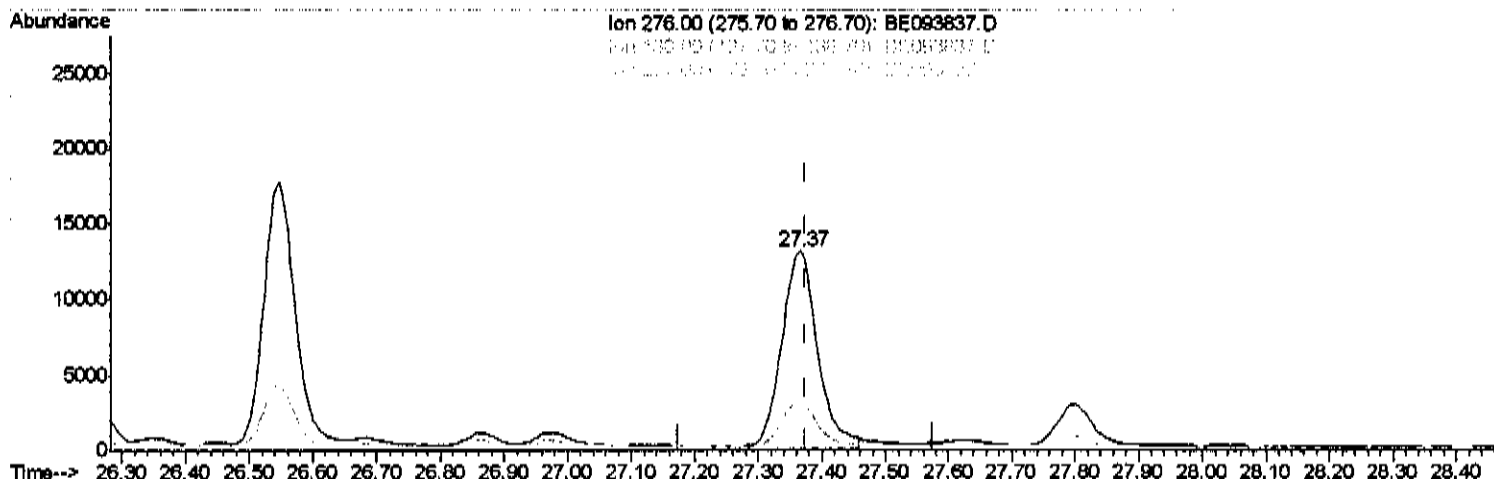
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(26) Benzo(g,h,i)perylene

27.367min (-0.008) 1.20ng/ul m

response 51449

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	24.78
277.00	25.60	25.04
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	2397	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12580	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7602	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15598	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16198	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	15727m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	4216	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10569	0.21	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.75	128	44077	1.440	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	29080	1.303	ng/ul	99
7) Acenaphthylene	14.24	152	8642	0.272	ng/ul#	96
8) Acenaphthene	14.58	153	1524	0.061	ng/ul	95
9) Fluorene	15.57	166	1955	0.062	ng/ul#	87
12) Phenanthrene	17.29	178	59927	1.411	ng/ul#	92
13) Anthracene	17.38	178	12640	0.305	ng/ul#	93
15) Fluoranthene	19.30	202	127576	2.402	ng/ul	84
17) Pyrene	19.66	202	140659	2.975	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	86983	1.852	ng/ul#	86
19) Chrysene	21.44	228	95166	2.113	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	121405	2.496	ng/ul	86
22) Benzo(k)fluoranthene	23.19	252	54549m	1.137	ng/ul	} <i>SJL 8/17/17</i>
23) Benzo(a)pyrene	23.80	252	96321m	2.081	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	59836m	1.171	ng/ul	
25) Dibenzo(a,h)anthracene	26.56	278	14742m	0.345	ng/ul	
26) Benzo(a,h,i)perylene	27.37	276	51449m	1.195	ng/ul	

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