

Quantitation Report (QT Reviewed)

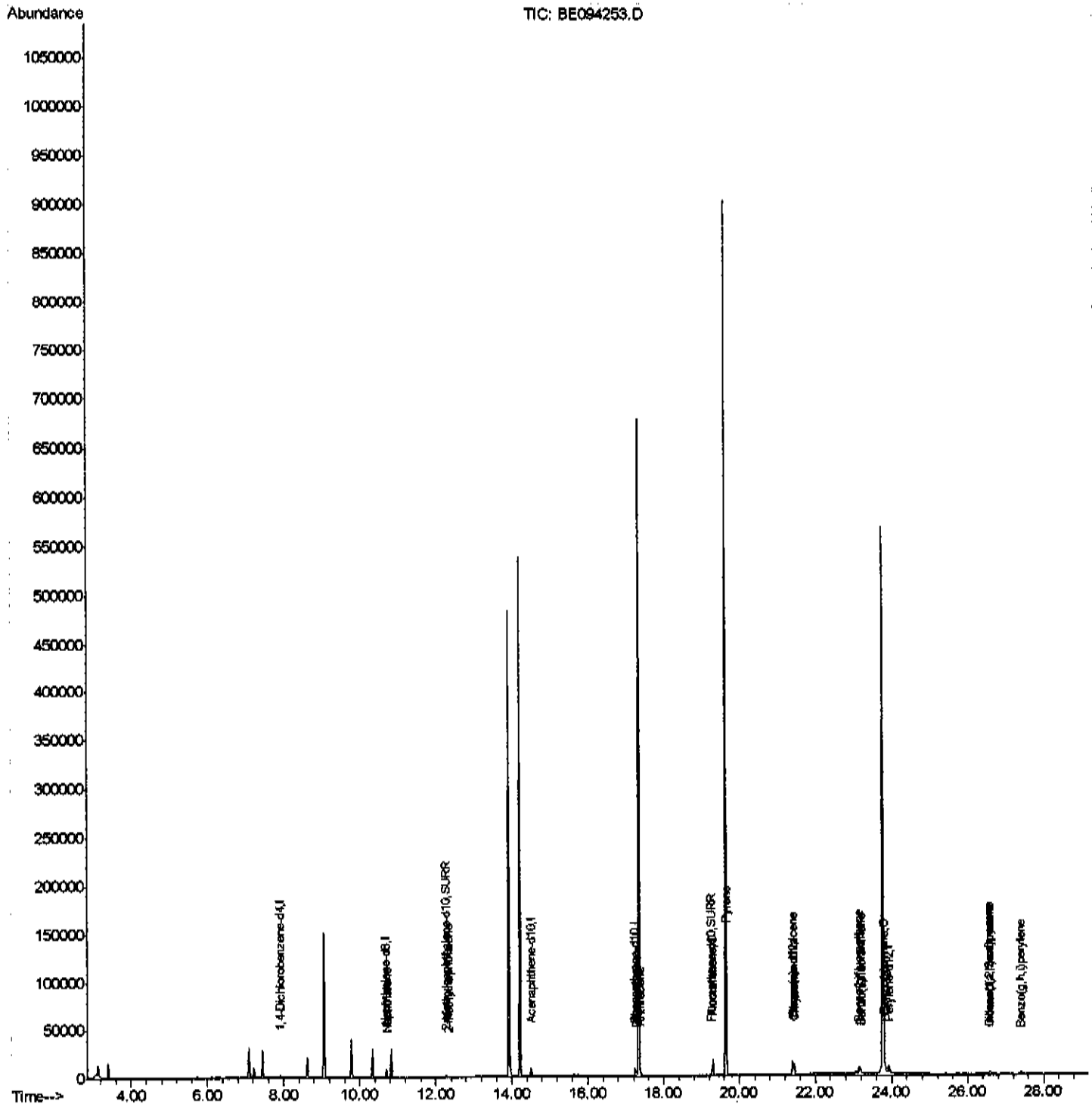
Instrument :
BNA_E
ClientSampled :
C0AD7

Manual Integrations
APPROVED

Sohil
10/11/2017 7:19:44 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094253.D
Acq On : 10 Oct 2017 14:18
Operator : SJ/JU
Sample : I5522-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 11 07:08:20 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 06:34:16 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

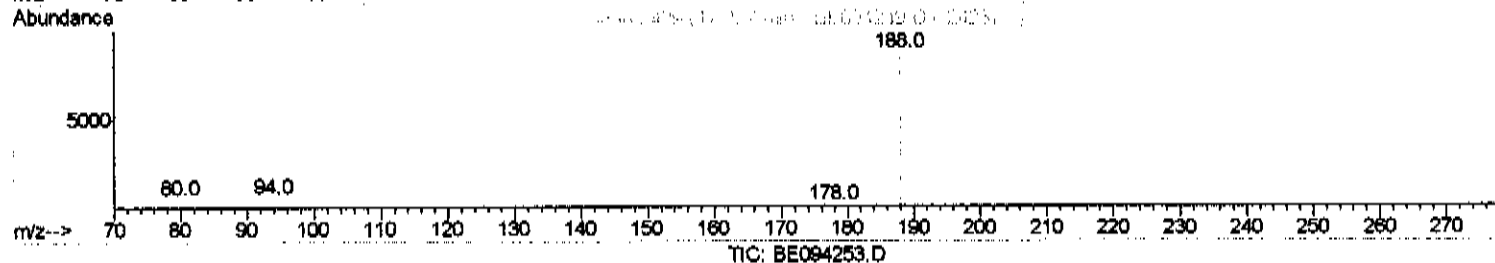
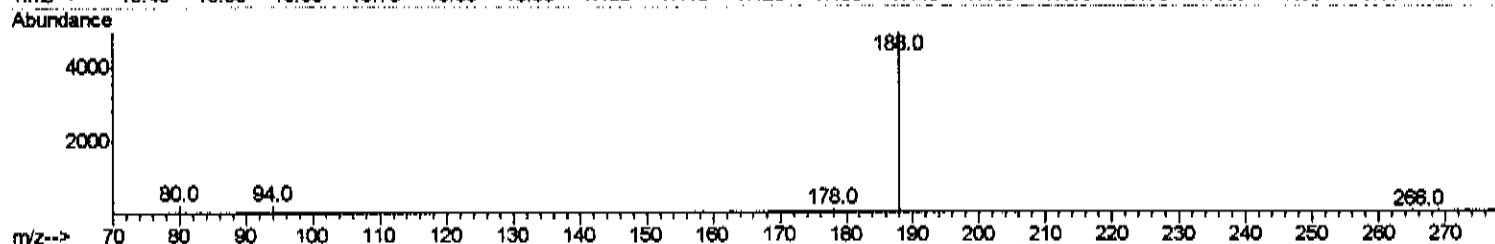
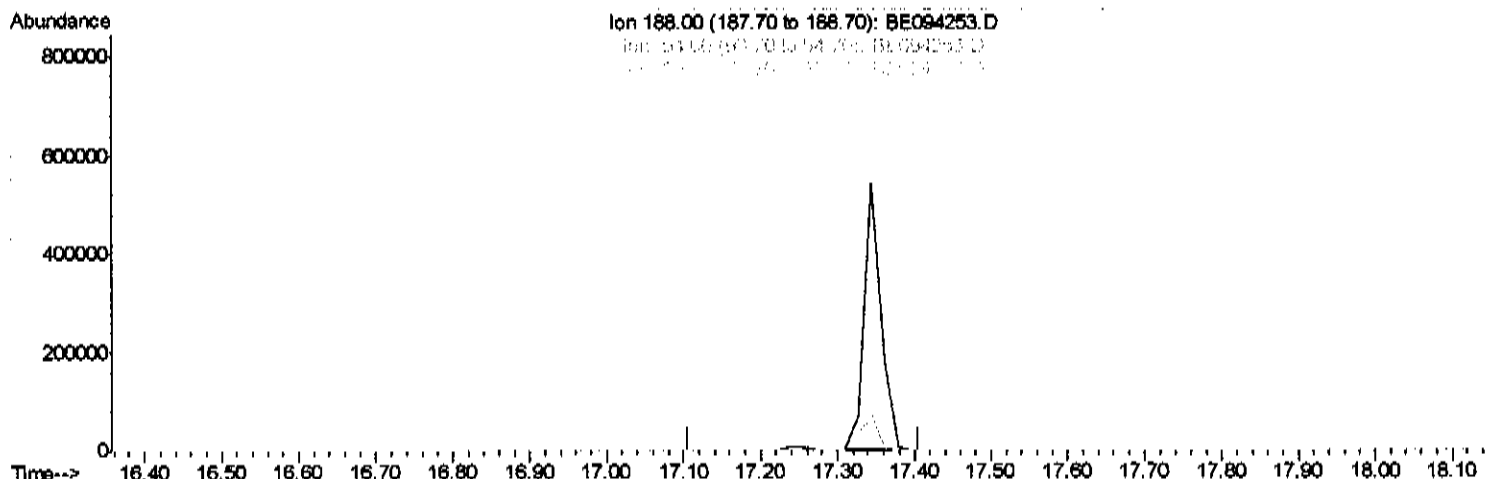
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094253.D
 Acc On : 10 Oct 2017 14:18
 Operator : SJ/JU
 Sample : I5522-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD7

Manual Integrations
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Sohil
 10/11/2017 7:19:44 PM

Quant Time: Oct 11 06:37:47 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 06:34:16 2017
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.257min (-17.257) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.00	0.00%
80.00	11.80	0.00%
0.00	0.00	0.00

Quantitation Report (Qedit)

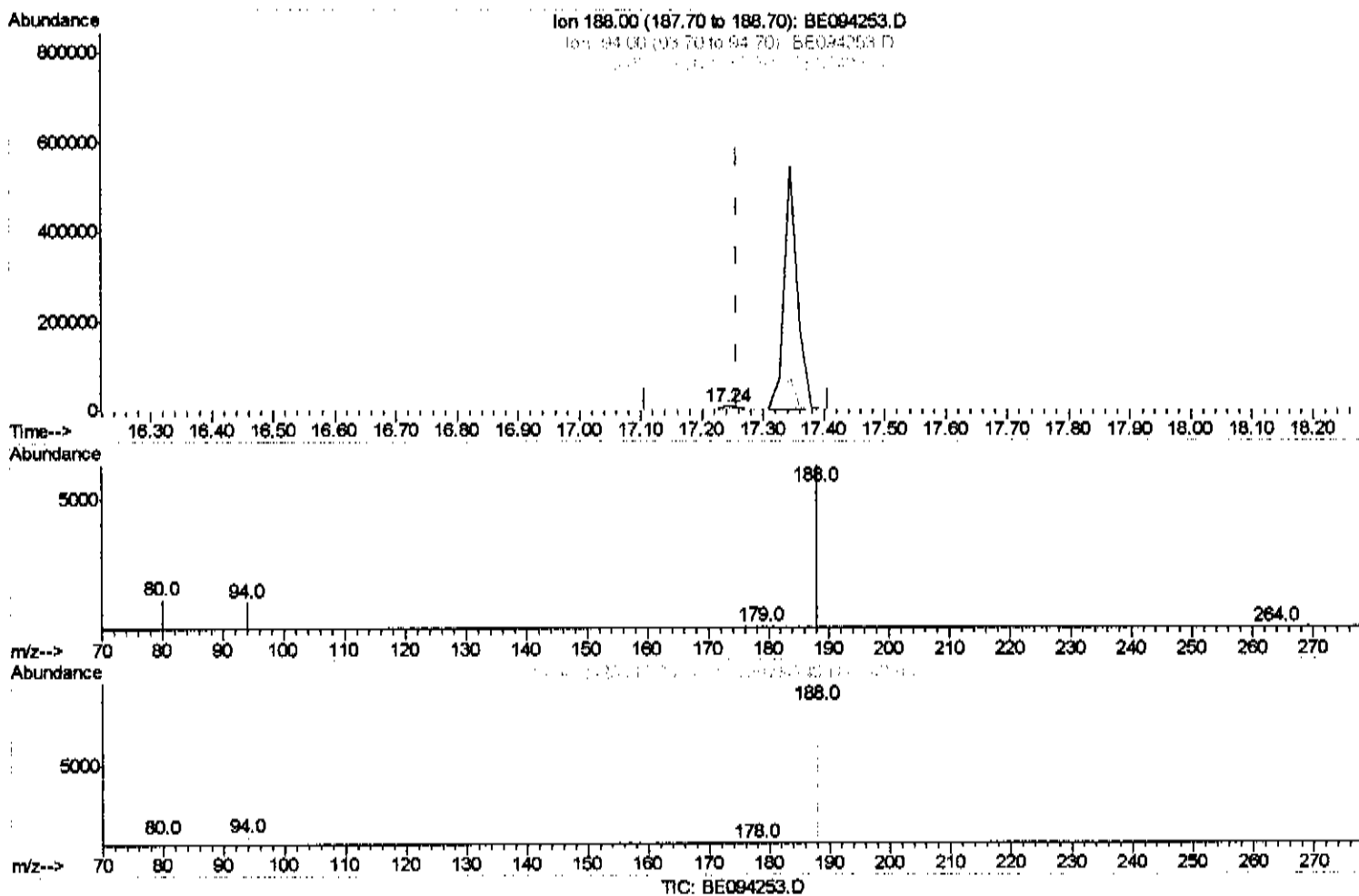
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094253.D
 Acq On : 10 Oct 2017 14:18
 Operator : SJ/JU
 Sample : I5522-08
 Misc :
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Instrument :
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(10) Phenanthrene-d10 (I)

17.240min (-0.017) 0.40ng/ul m

response 12169

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	16.99#
80.00	11.80	18.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

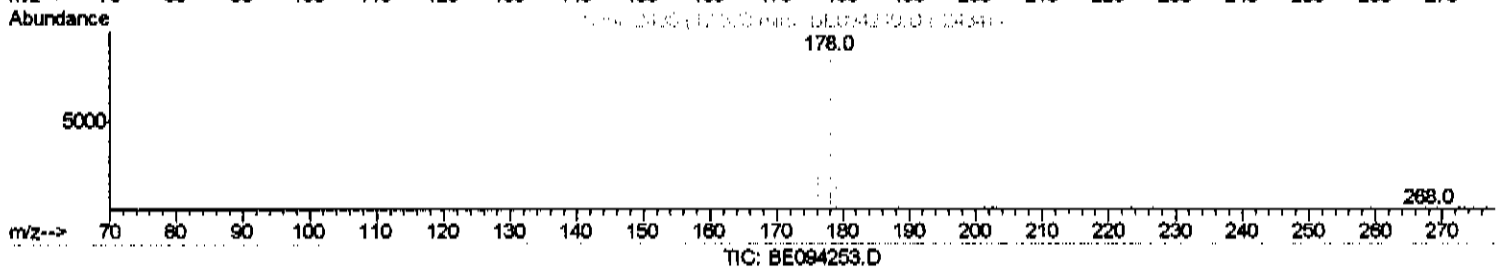
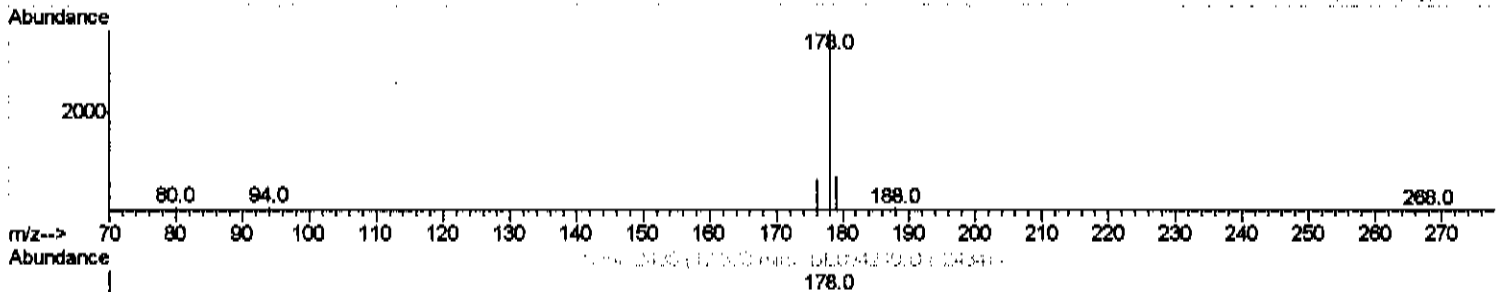
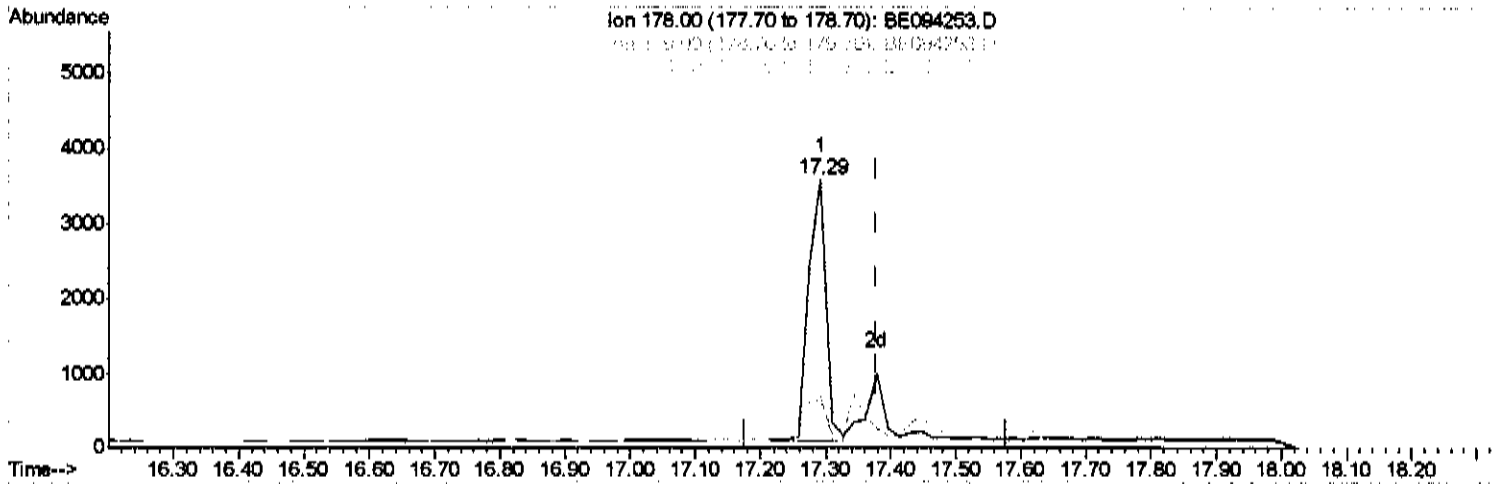
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094253.D
 Acq On : 10 Oct 2017 14:18
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 Sample : I5522-08
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Quant Time: Oct 11 07:01:11 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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(13) Anthracene

17.292min (-0.086) 0.21ng/ui

response 6478

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	19.85
176.00	18.40	18.10
0.00	0.00	0.00

Quantitation Report (Qedit)

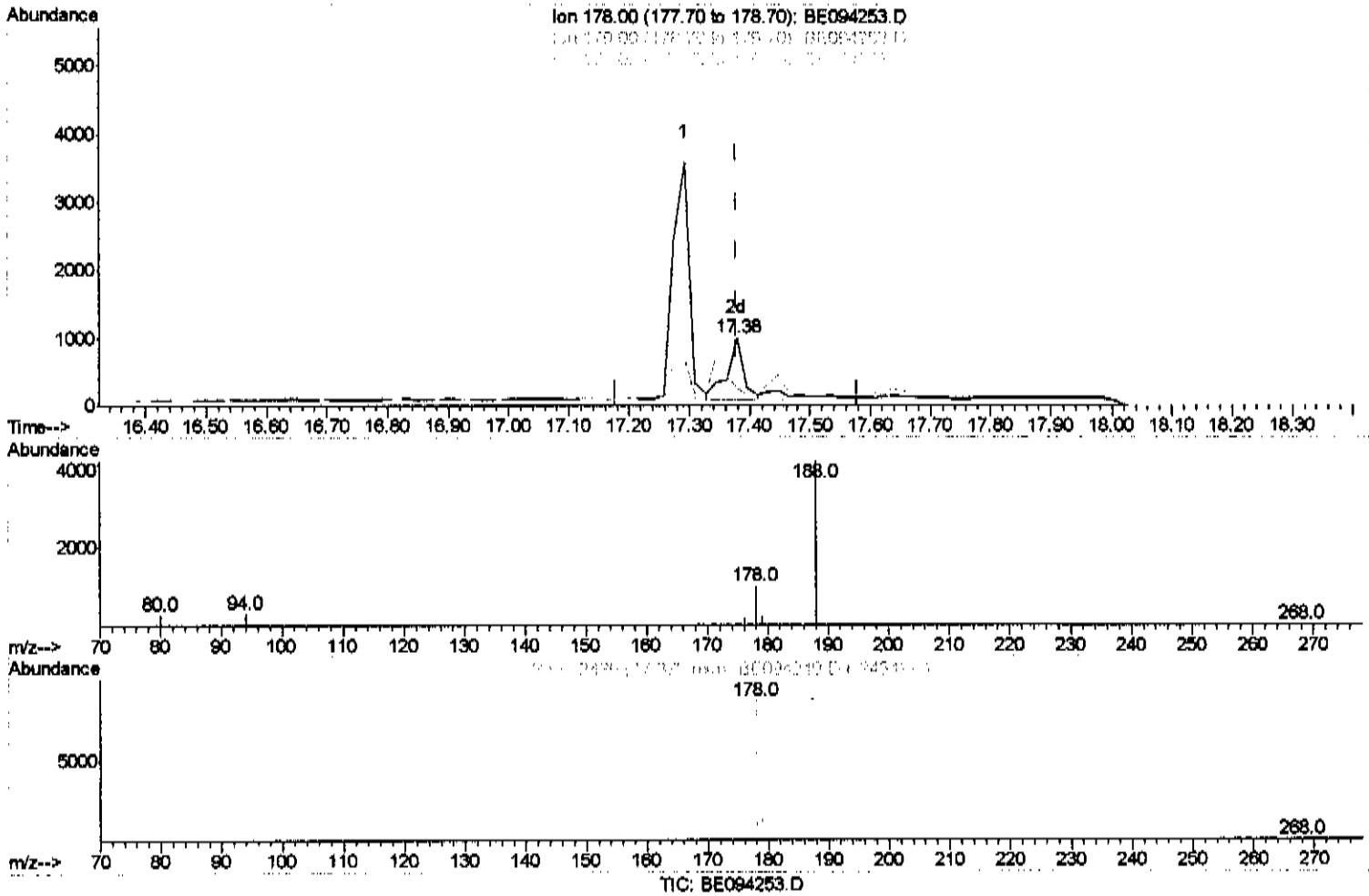
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
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(13) Anthracene

17.378min (+0.000) 0.06ng/ul m

response 1861

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	26.62
176.00	18.40	23.53#
0.00	0.00	0.00

2010/11/12

Quantitation Report (Qedit)

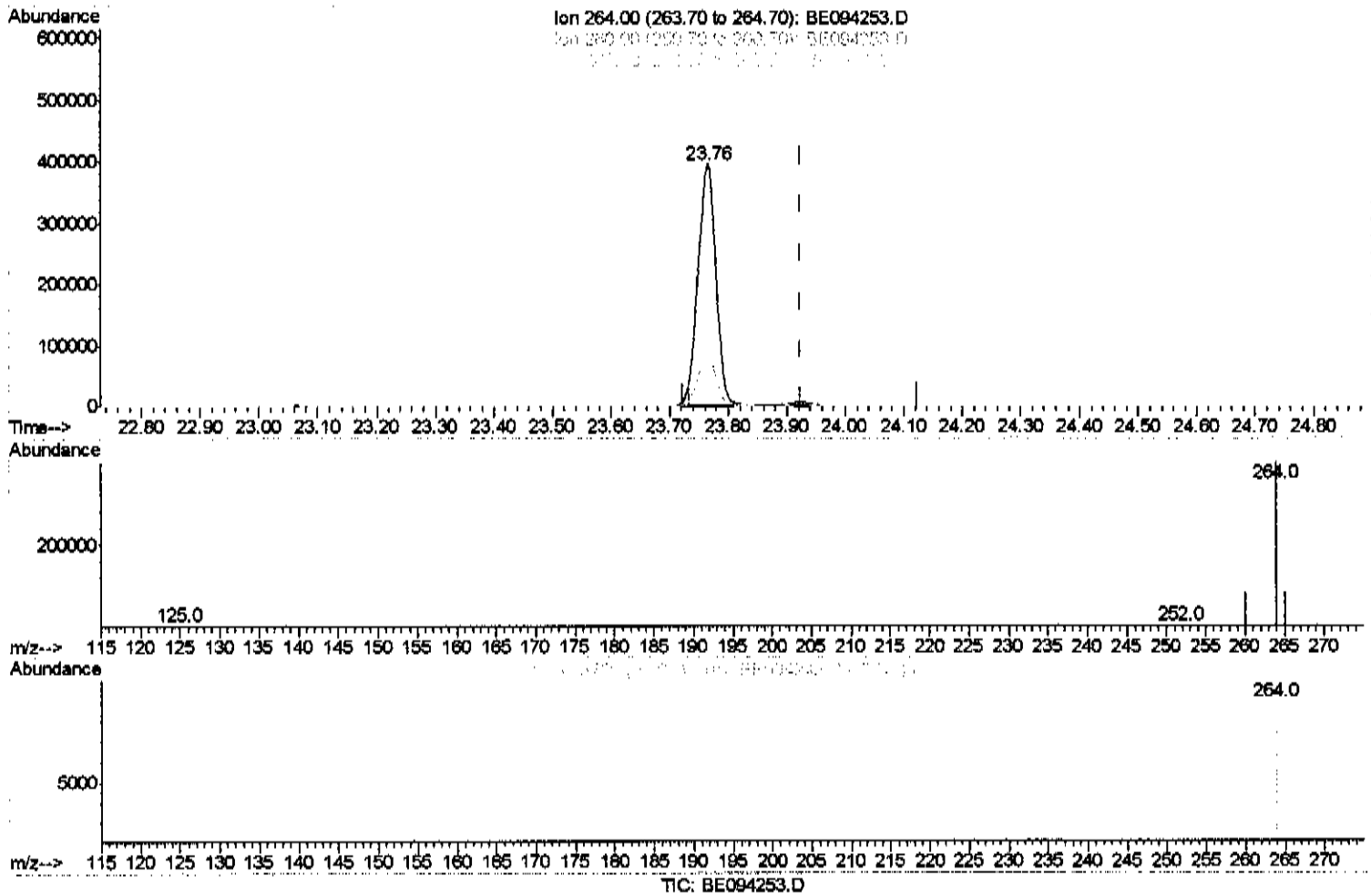
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
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(20) Perylene-d12 (I)

23.764min (-0.160) 0.40ng/ul

response 824540

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.81#
265.00	103.50	21.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

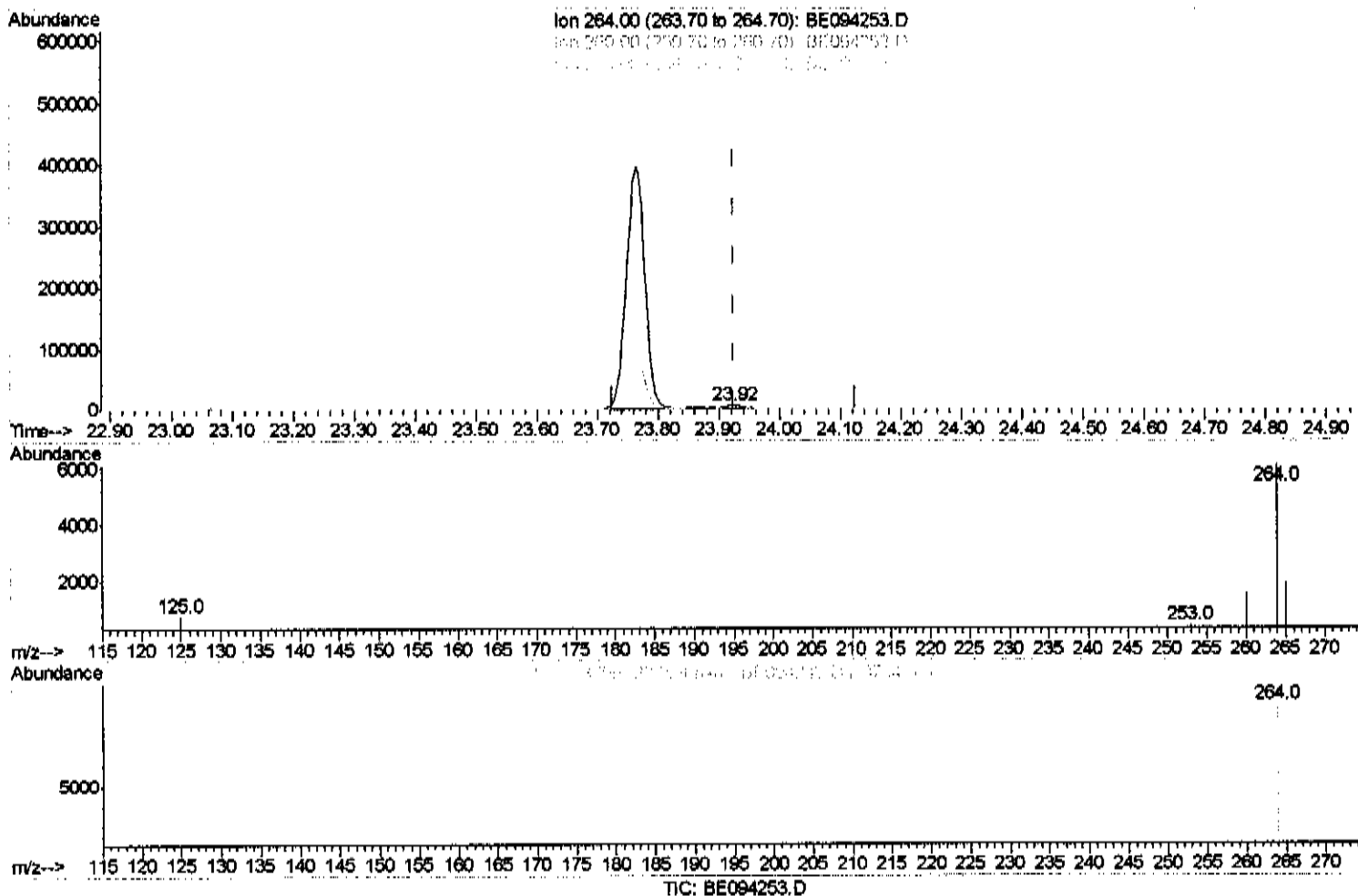
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
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 Acq On : 10 Oct 2017 14:18
 Operator : SJ/JU
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(20) Perylene-d12 (I)

23.923min (-0.001) 0.40ng/ul *ju 10/11/17*

response 12079

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.17
265.00	103.50	31.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

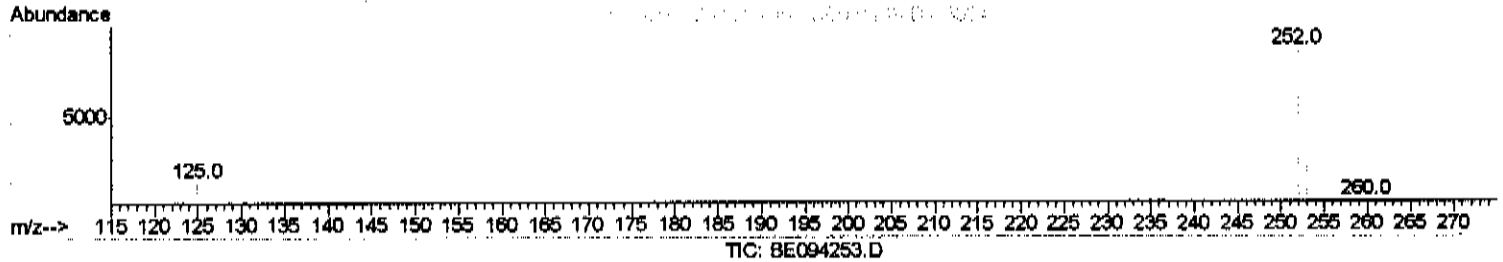
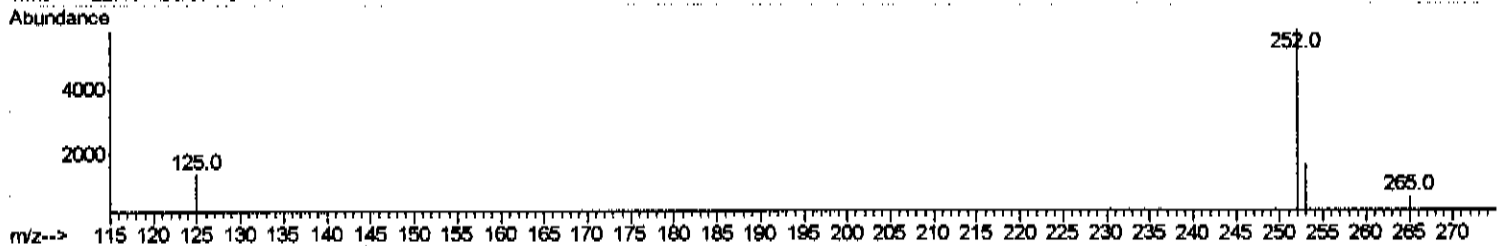
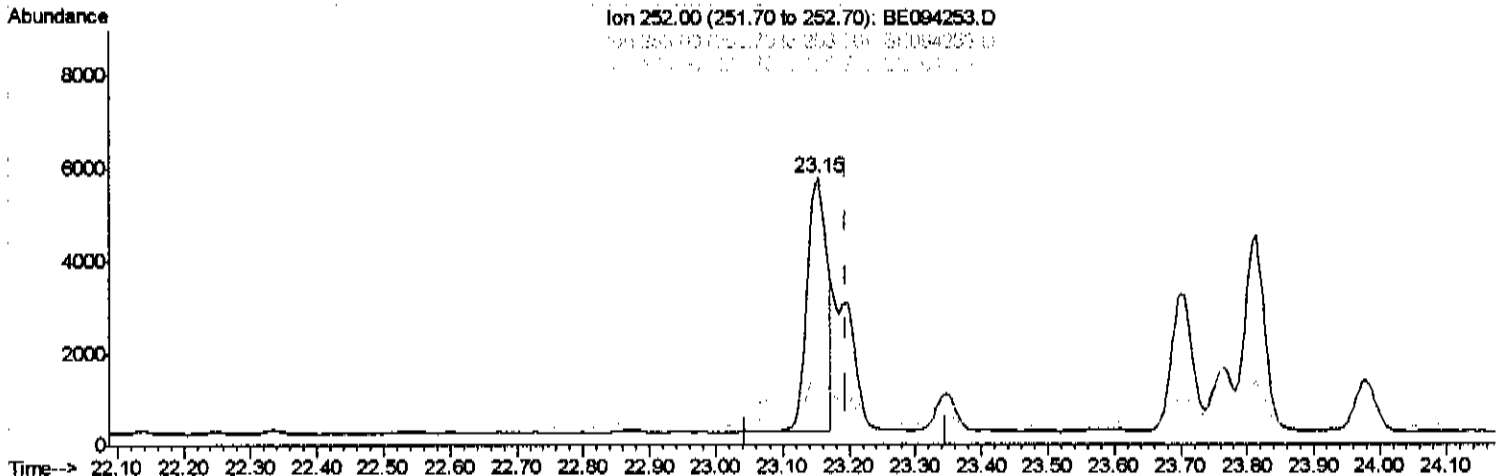
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094253.D
 Acq On : 10 Oct 2017 14:18
 Operator : SJ/JU
 Sample : I5522-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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(22) Benzo(k)fluoranthene
 23.153min (-0.042) 0.31ng/ul
 response 11764

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.90
125.00	17.10	23.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

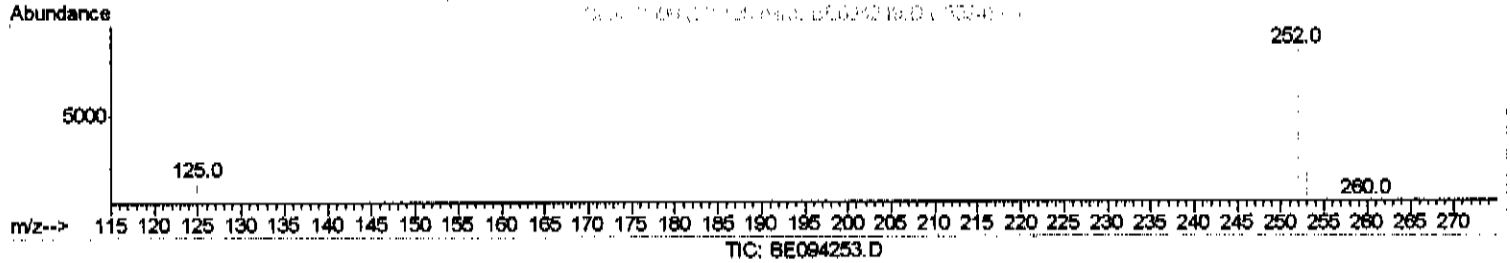
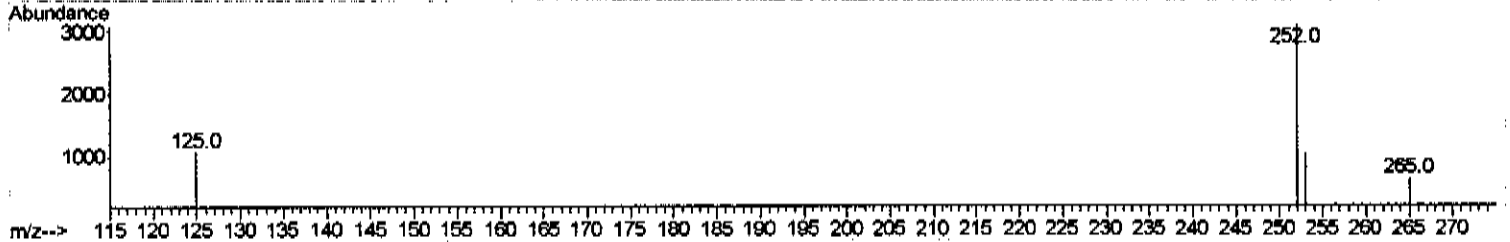
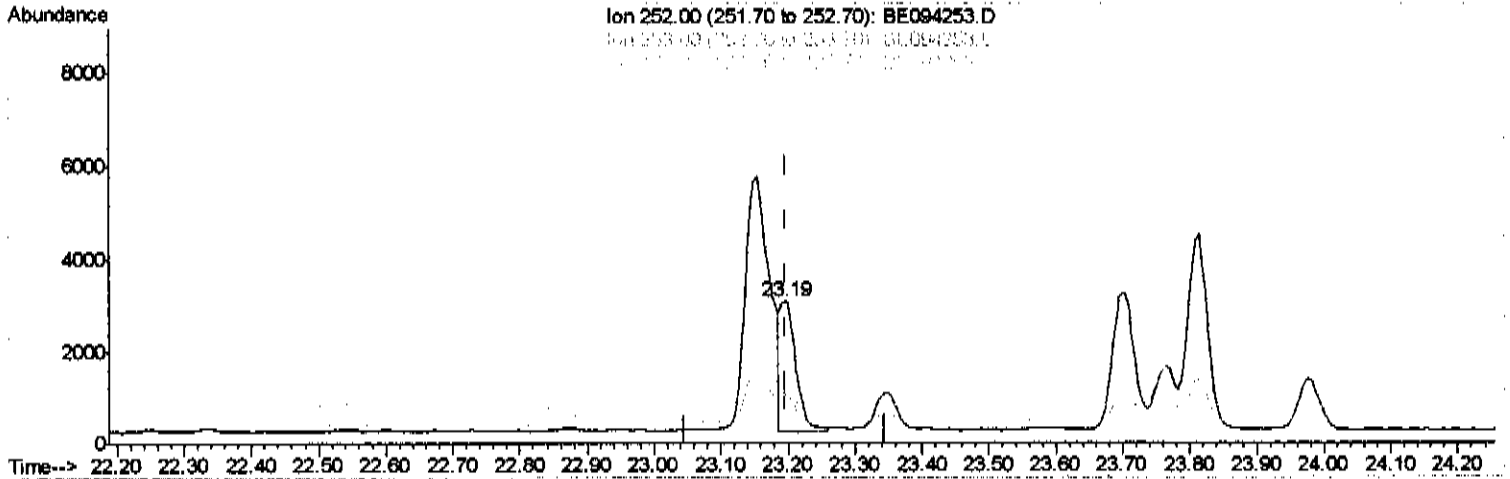
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094253.D
 Acq On : 10 Oct 2017 14:18
 Operator : SJ/JU
 Sample : I5522-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AD7

Manual Integrations
 APPROVED

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(22) Benzo(k)fluoranthene

23.194min (-0.001) 0.12ng/ul m

response 4503

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	34.07
125.00	17.10	35.14#
0.00	0.00	0.00

SJ 10/11/17

Quantitation Report (Qedit)

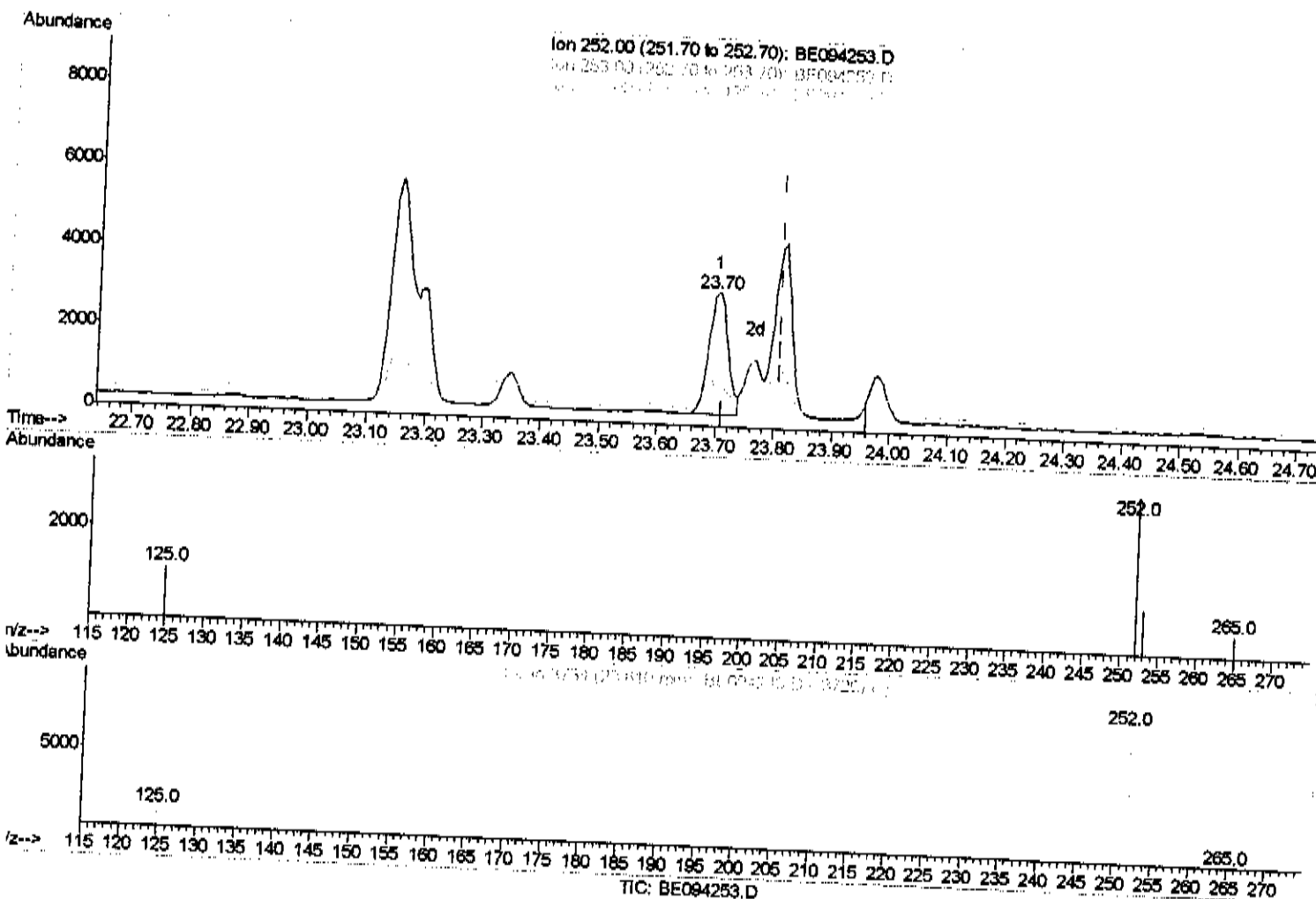
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094253.D
 Acq On : 10 Oct 2017 14:18
 Operator : SJ/JU
 Sample : I5522-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 C0AD7

Manual Integrations
 APPROVED

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Quant Time: Oct 11 07:02:33 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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(23) Benzo(a)pyrene (C)

23.700min (-0.110) 0.20ng/ul

response 6900

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	33.21
125.00	22.60	36.66
0.00	0.00	0.00

Quantitation Report (Qedit)

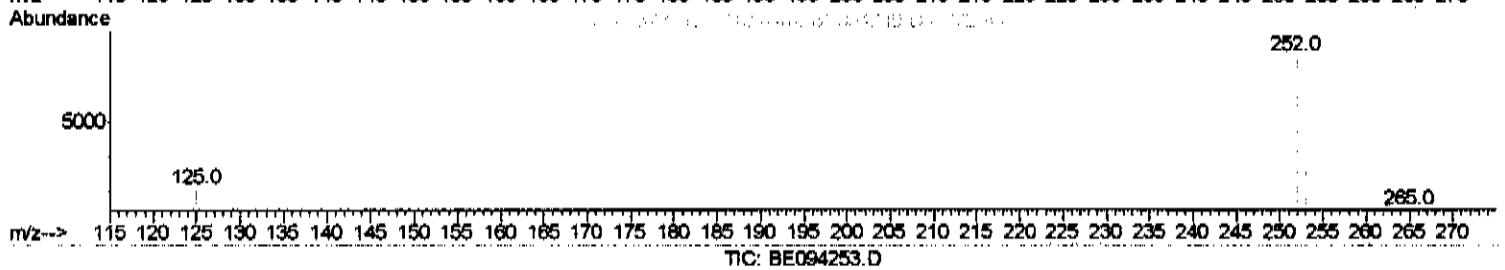
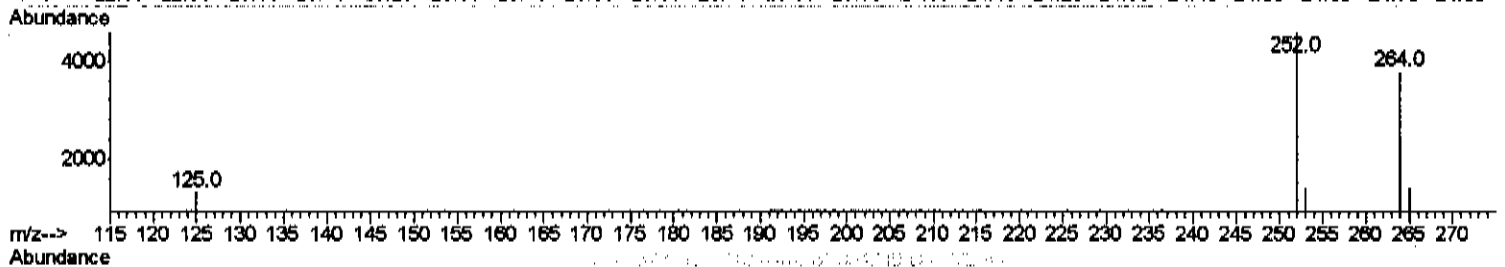
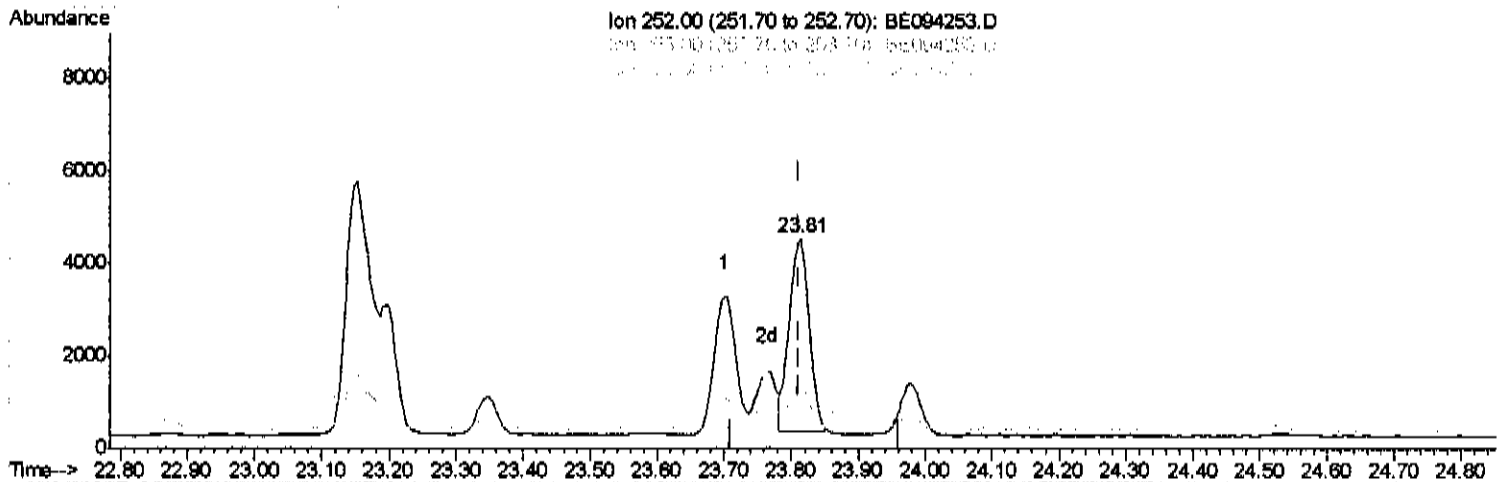
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094253.D
 Acq On : 10 Oct 2017 14:18
 Operator : SJ/JU
 Sample : I5522-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AD7

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:19:44 PM

Quant Time: Oct 11 07:02:33 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 OLast Update : Wed Oct 11 06:34:16 2017
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(23) Benzo(a)pyrene (C)

23.814min (+0.003) 0.25ng/ul m

response 8560

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	31.28
125.00	22.60	29.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

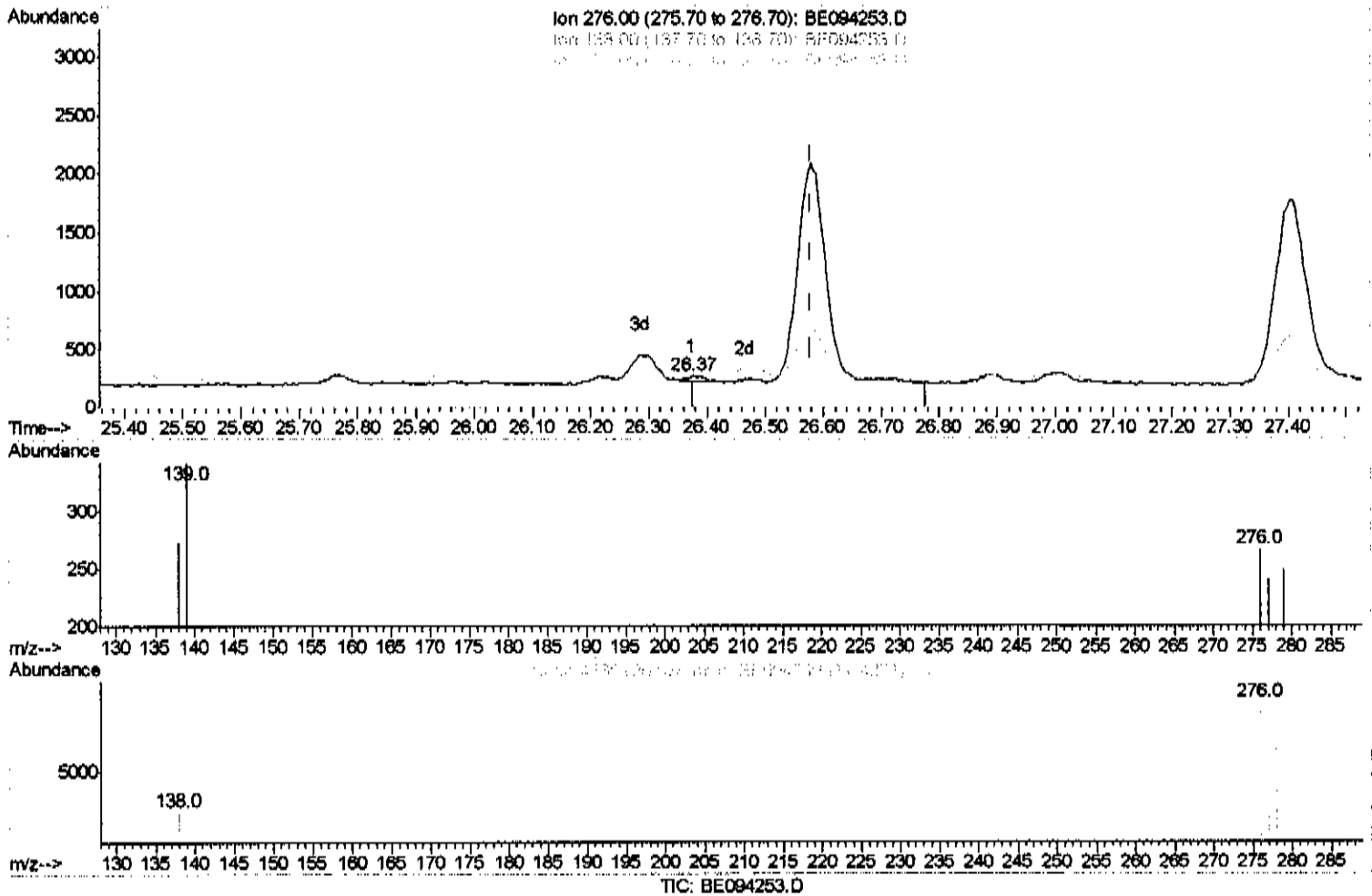
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 Data File : BE094253.D
 Acq On : 10 Oct 2017 14:18
 Operator : SJ/JU
 Sample : I5522-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(24) Indeno(1,2,3-cd)pyrene

26.373min (-0.204) 0.00ng/ui

response 126

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	44.44#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

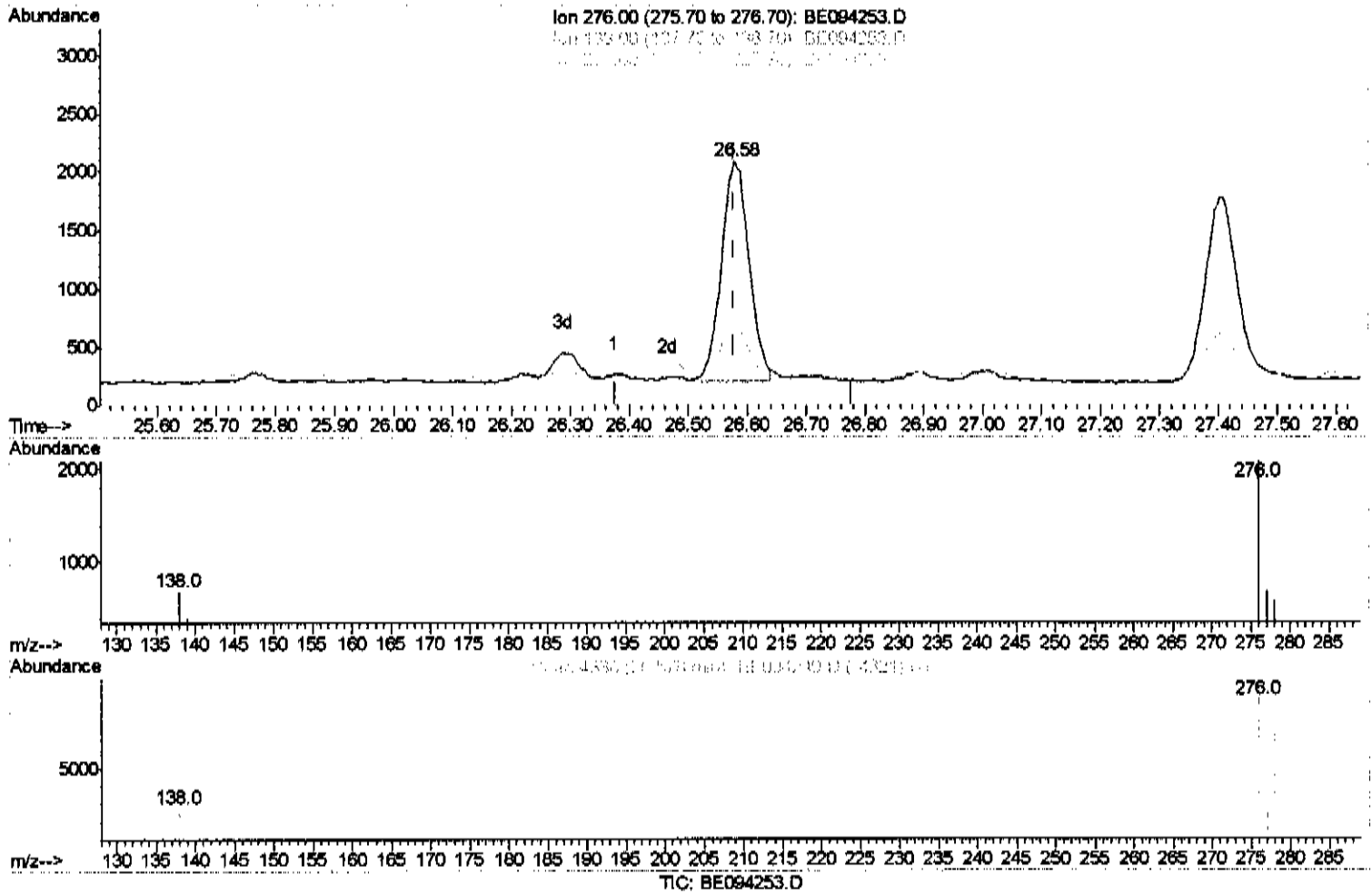
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094253.D
 Acq On : 10 Oct 2017 14:18
 Operator : SJ/JU
 Sample : I5522-08
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Instrument :
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Manual Integrations
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(24) Indeno(1,2,3-cd)pyrene

26.578min (+0.001) 0.18ng/ul m

response 6226

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.90%
227.00	10.00	0.00%
0.00	0.00	0.00

Quantitation Report (Qedit)

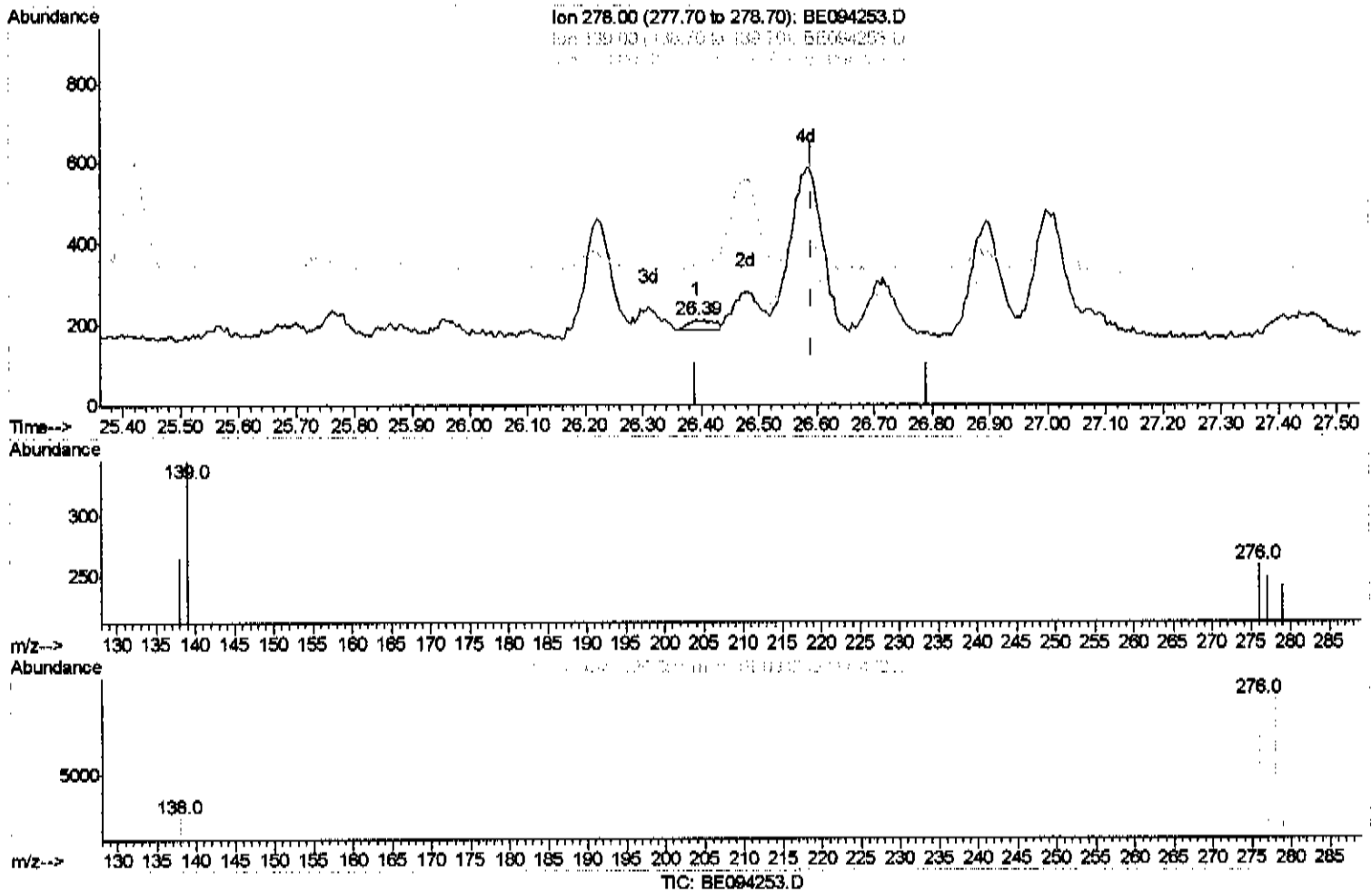
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
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(25) Dibenzo(a,h)anthracene

26.392min (-0.200) 0.00ng/ui

response 82

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	162.26#
279.00	32.40	114.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

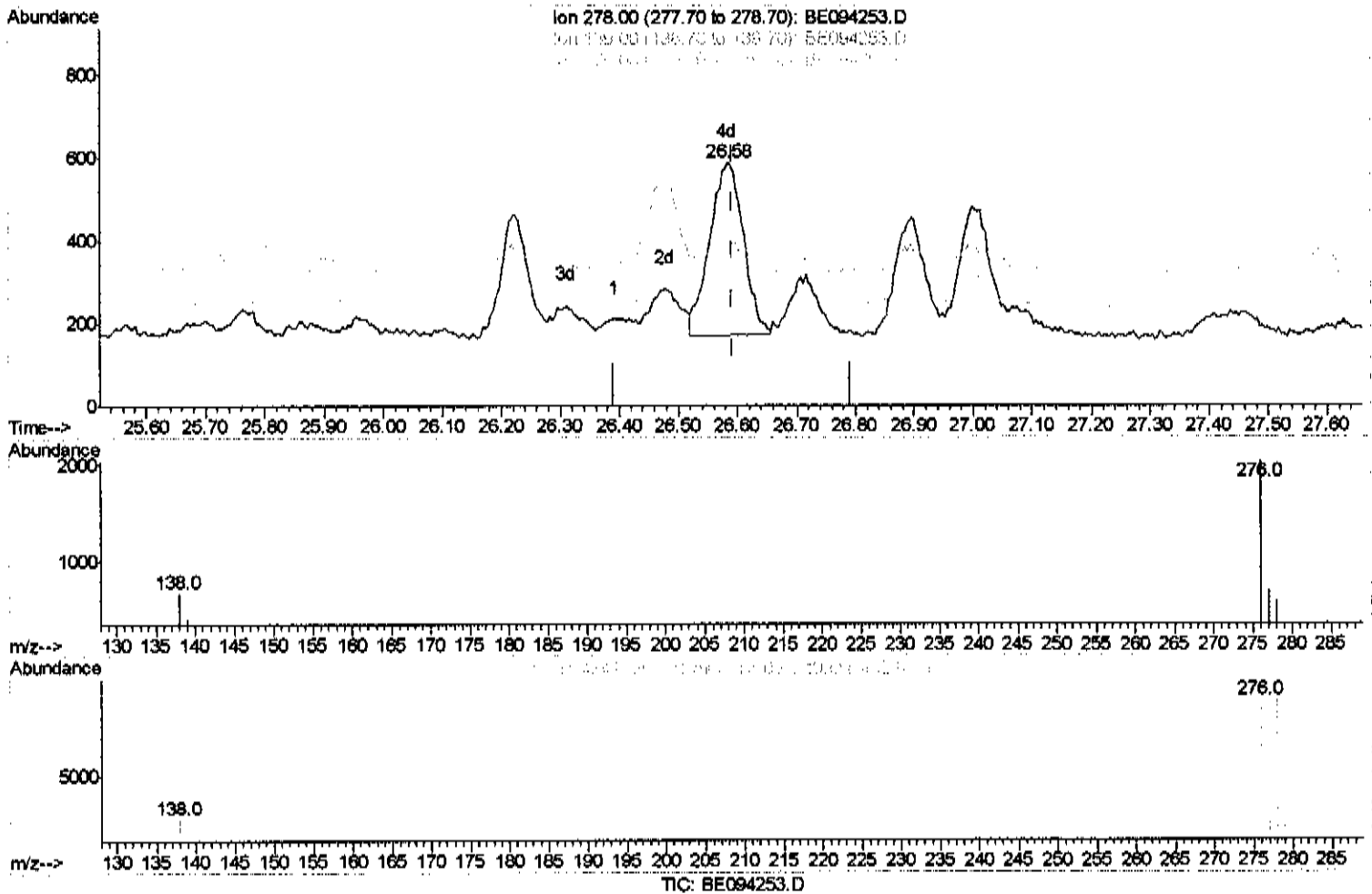
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
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(25) Dibenzo(a,h)anthracene

26.583min (-0.009) 0.06ng/ul m

response 1636

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	68.06#
279.00	32.40	58.40#
0.00	0.00	0.00

See 10/11/17

Quantitation Report (Qedit)

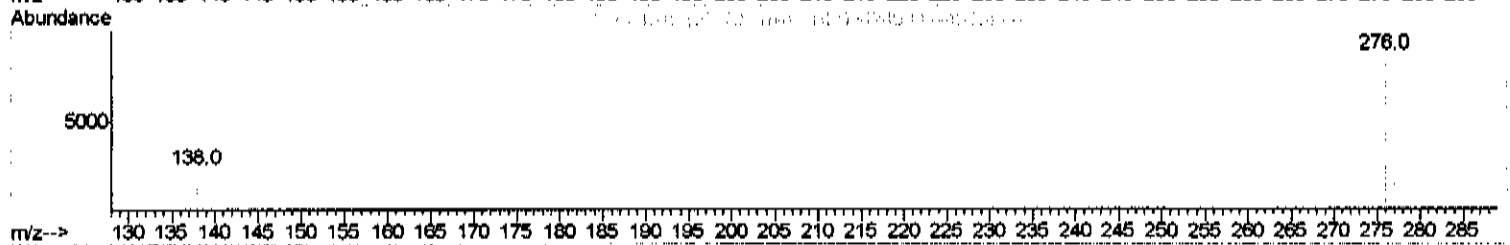
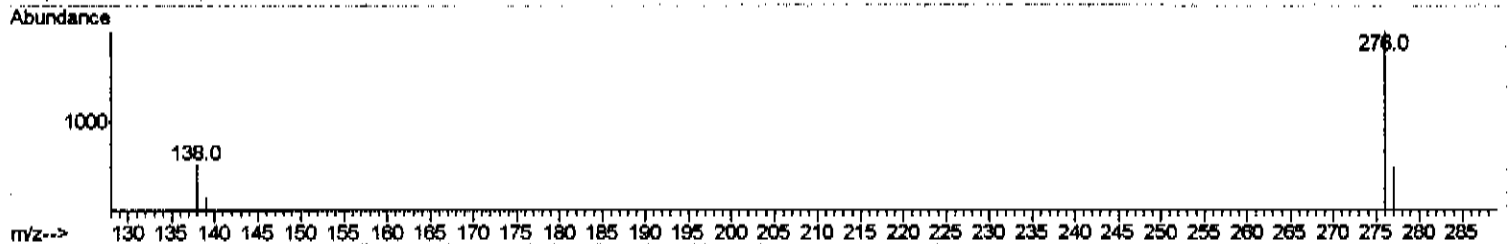
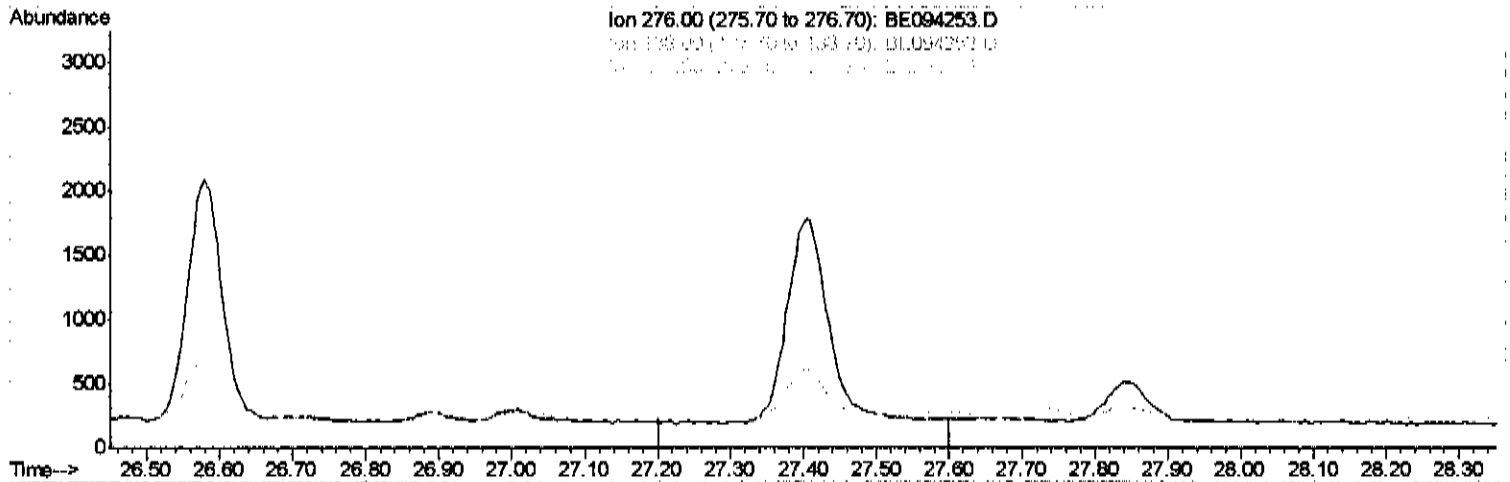
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TIC: BE094253.D

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

27.403min (-27.403) 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

Quantitation Report (Qedit)

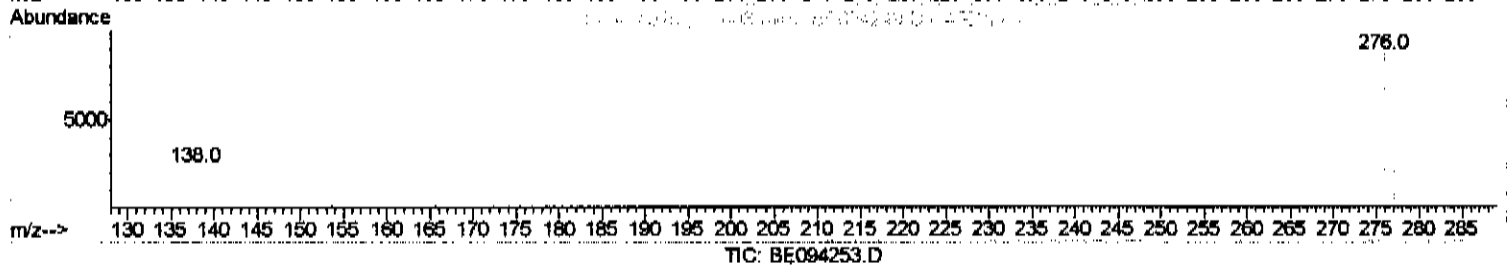
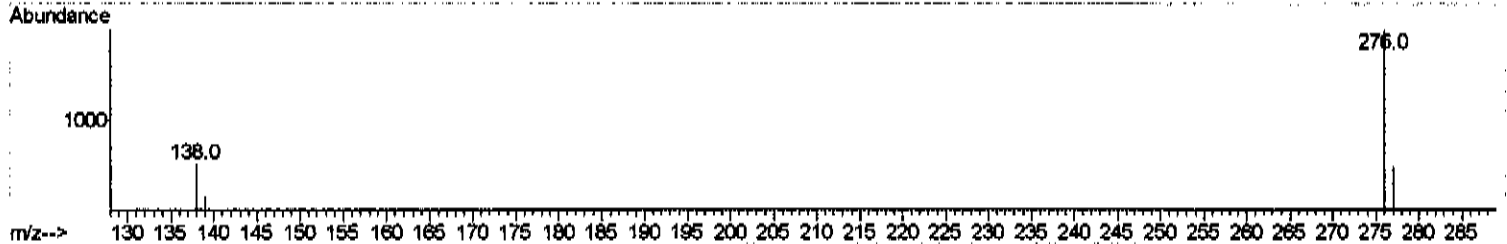
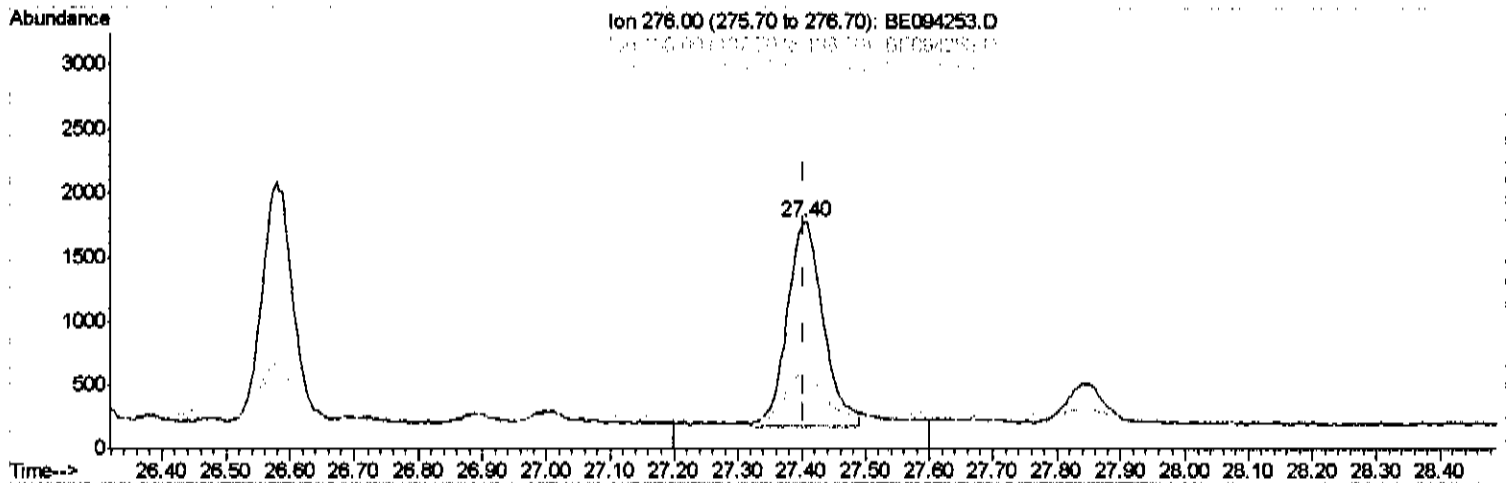
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(26) Benzo(g,h,i)perylene

27.403min (+0.001) 0.21ng/ul m *ju 10/11/17*

response 6344

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	35.02%
277.00	25.60	33.33%
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampled :
C0AD7

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094253.D
Acq On : 10 Oct 2017 14:18
Operator : SJ/JU
Sample : I5522-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
10/11/2017 7:19:44 PM

Quant Time: Oct 11 07:08:20 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 06:34:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1749	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9281	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5735	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	12169m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	11804	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	12079m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	4278	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	11204	0.28	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.74	128	1398	0.061	ng/ul#	90
5) 2-Methylnaphthalene	12.35	142	399	0.027	ng/ul	98
12) Phenanthrene	17.29	178	6514	0.205	ng/ul	95
13) Anthracene	17.38	178	1861m	0.060	ng/ul	84
15) Fluoranthene	19.30	202	19210	0.460	ng/ul	83
17) Pyrene	19.66	202	19611	0.597	ng/ul#	89
18) Benzo(a)anthracene	21.39	228	8736	0.279	ng/ul#	93
19) Chrysene	21.45	228	10767	0.298	ng/ul	90
21) Benzo(b)fluoranthene	23.15	252	12560	0.383	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	4503m	0.119	ng/ul	
23) Benzo(a)pyrene	23.81	252	8560m	0.251	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.58	276	6226m	0.178	ng/ul	
25) Dibenzo(a,h)anthracene	26.58	278	1636m	0.056	ng/ul	
26) Benzo(g,h,i)perylene	27.40	276	6344m	0.211	ng/ul	

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