

Quantitation Report (QT Reviewed)

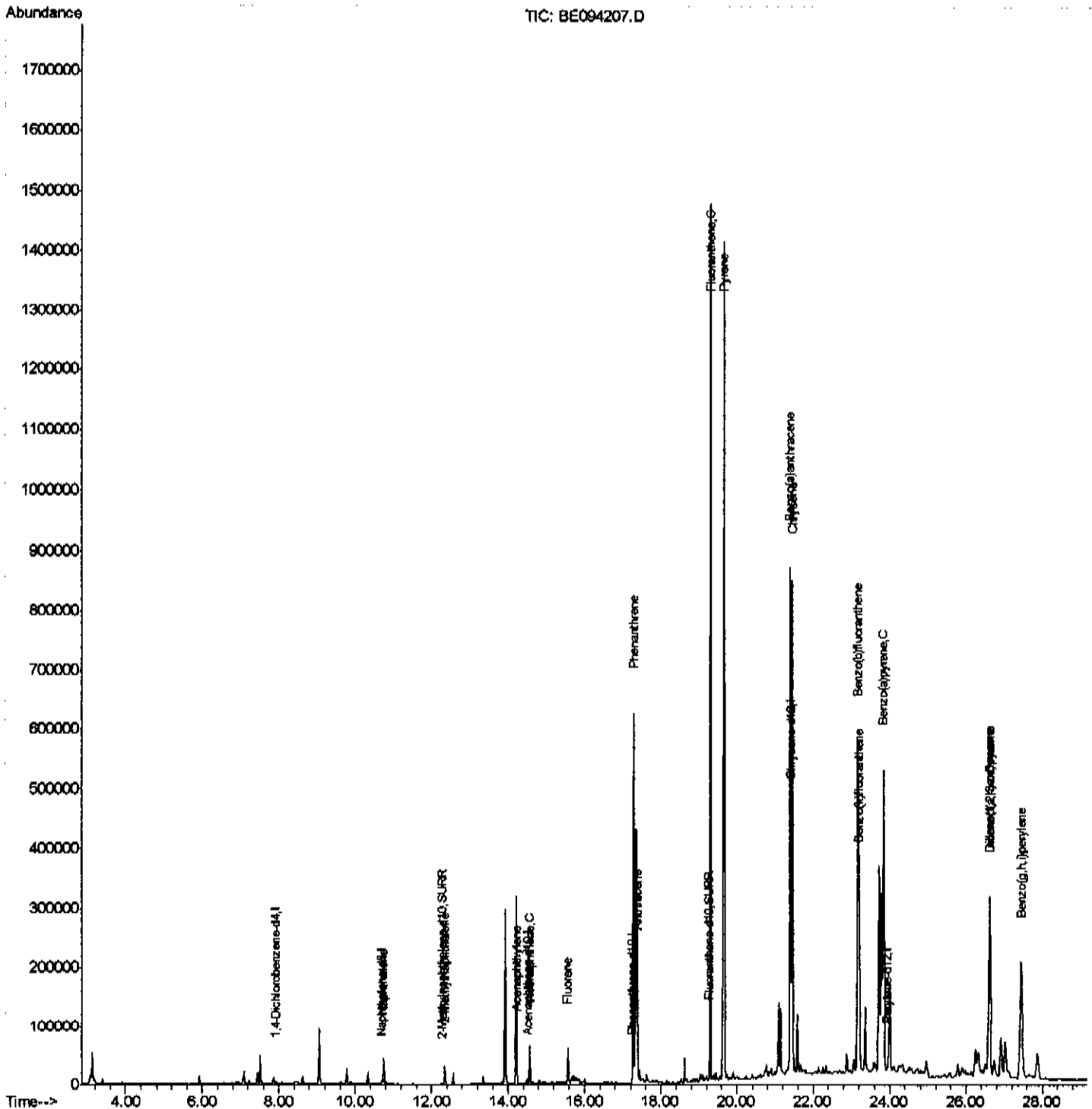
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094207.D
 Acq On : 7 Oct 2017 17:53
 Operator : SJ/JU
 Sample : I5449-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-60(FILL)-092617

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:53:00 PM

Quant Time: Oct 08 03:35:02 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

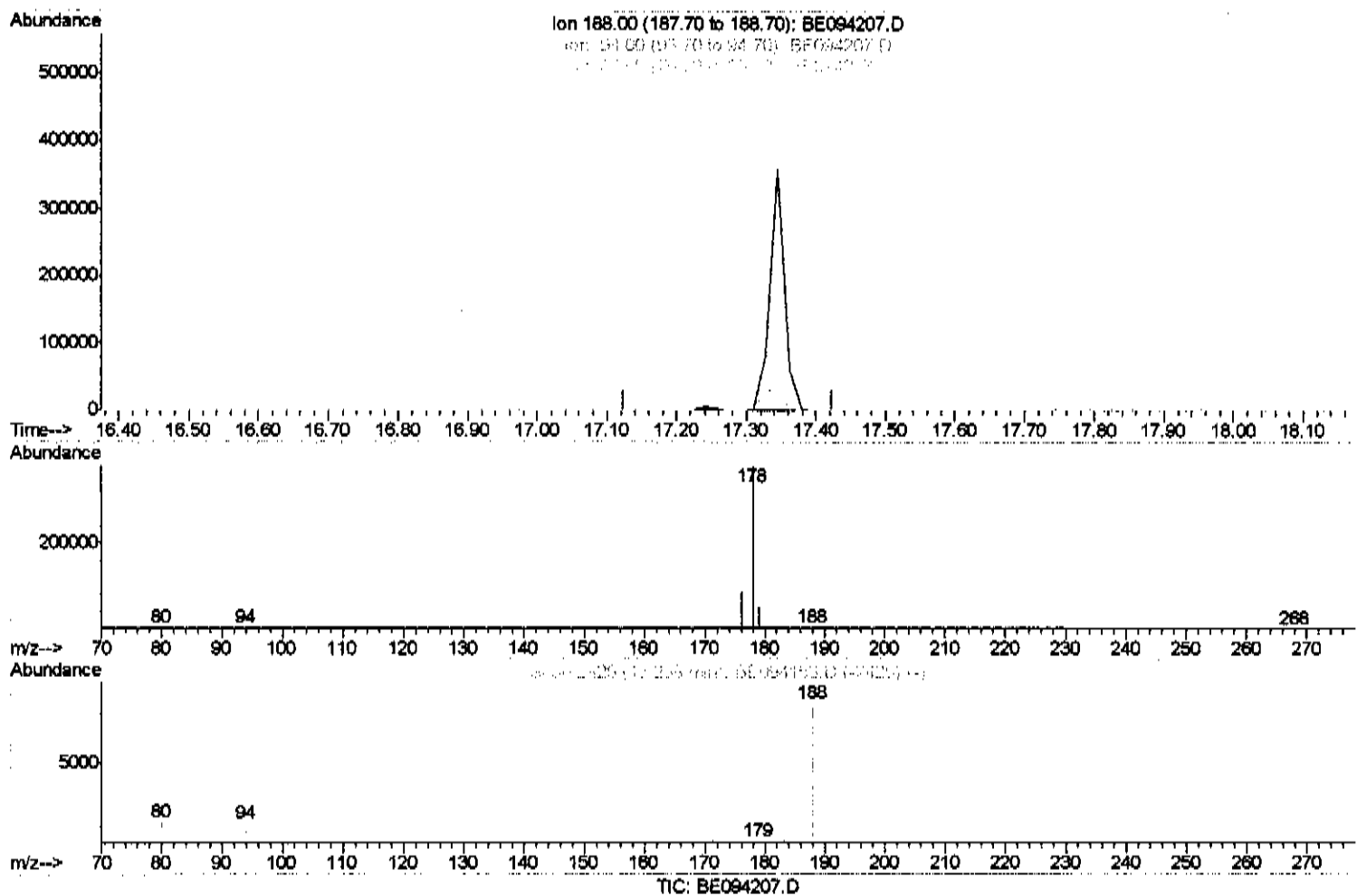
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
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Manual Integrations
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Sohil
 10/9/2017 6:53:00 PM

Quant Time: Oct 08 03:30:05 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(10) Phenanthrene-d10 (I)

17.274min (-17.274) 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)

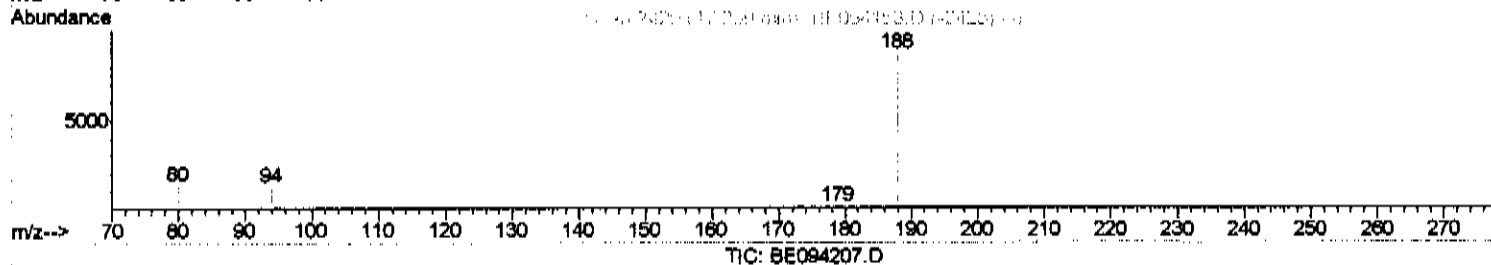
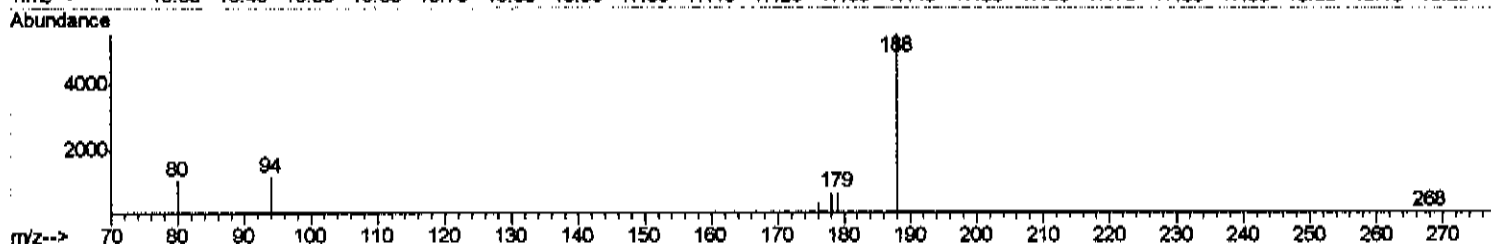
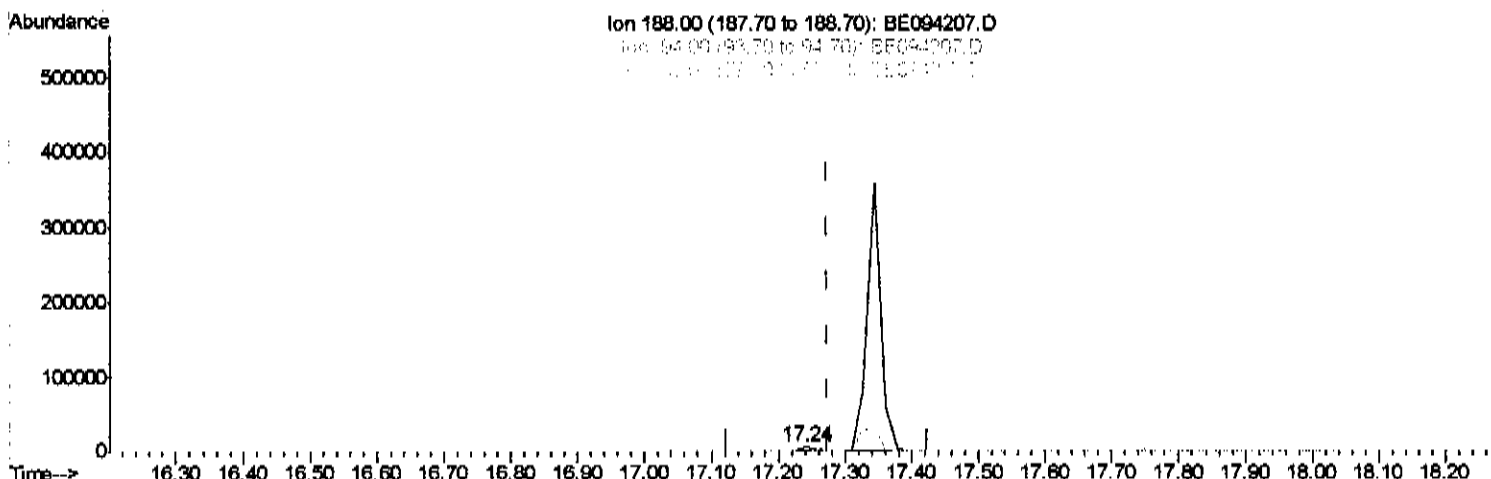
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(10) Phenanthrene-d10 (I)

17.240min (-0.034) 0.40ng/ul m

response 8406

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	21.42%
80.00	11.80	19.53%
0.00	0.00	0.00

Quantitation Report (Qedit)

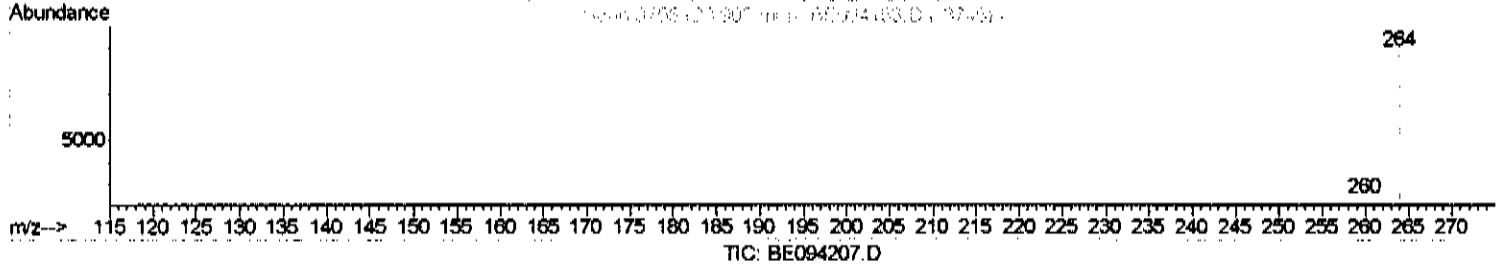
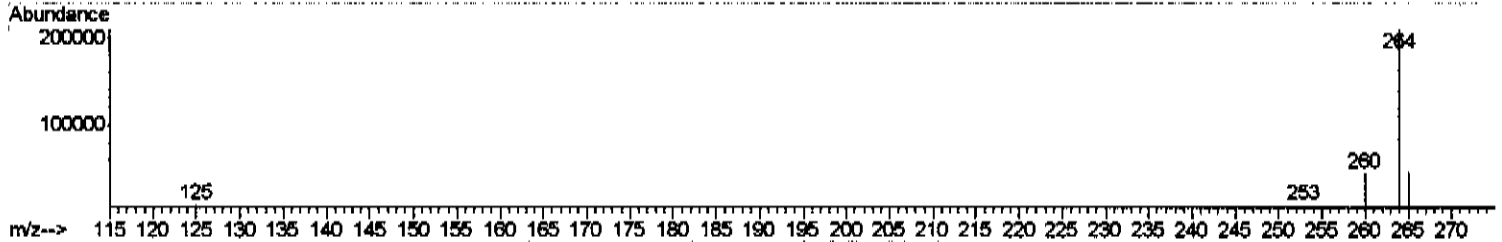
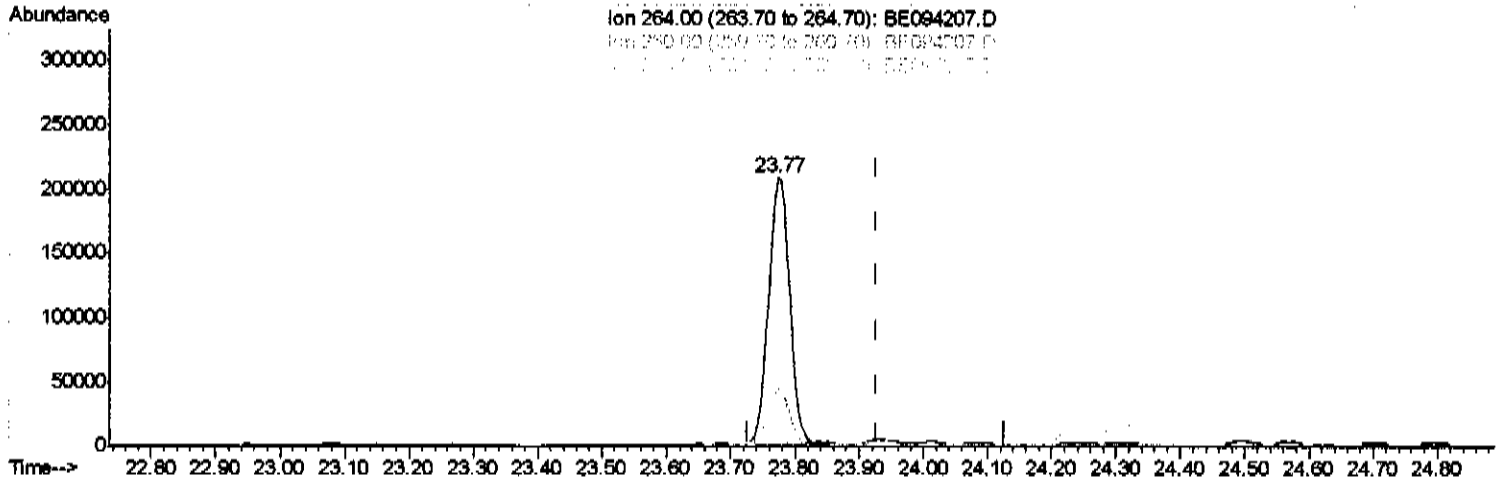
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Sohil
 10/9/2017 6:53:00 PM

Quant Time: Oct 08 03:30:52 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASF BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.774min (-0.154) 0.40ng/ul

response 463516

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.76#
265.00	103.50	22.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

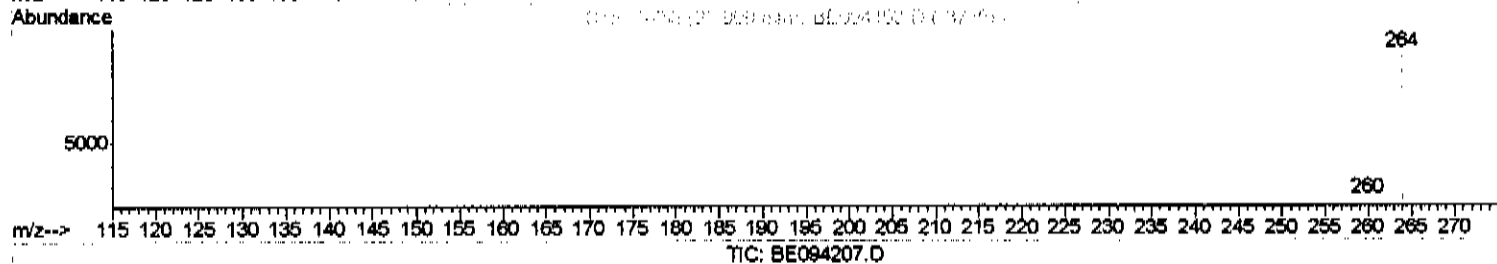
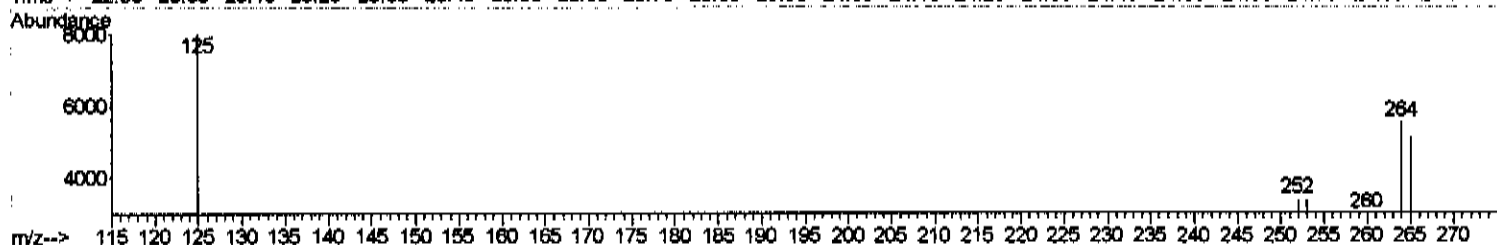
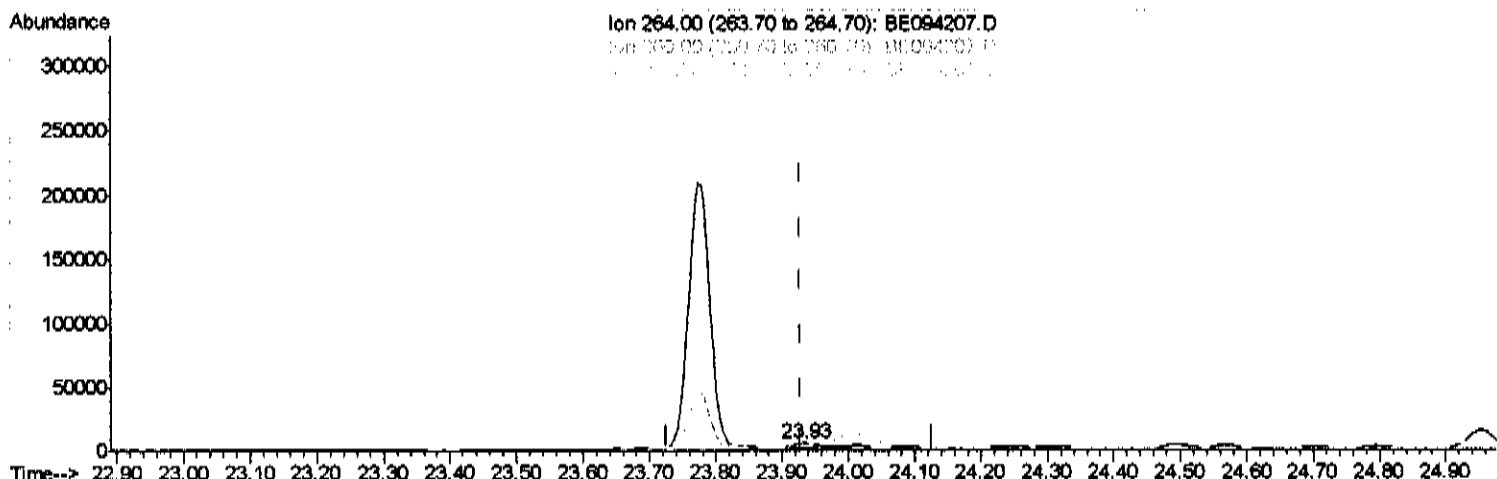
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(20) Perylene-d12 (I)

23.933min (+0.006) 0.40ng/ul mjuok/117

response 7739

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	54.30%
266.00	103.50	92.91
0.00	0.00	0.00

Quantitation Report (Qedit)

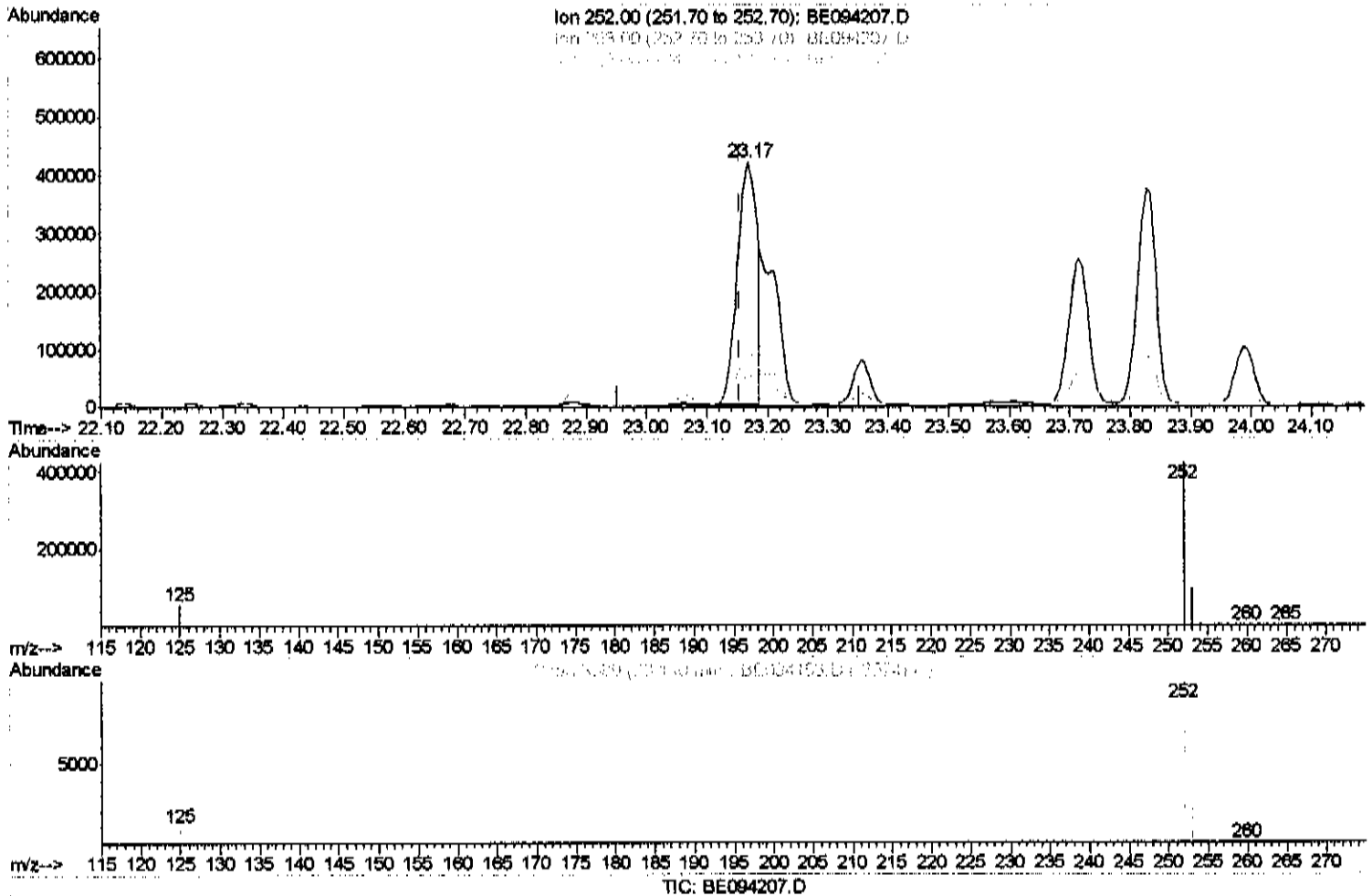
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(21) Benzo(b)fluoranthene
 23.168min (+0.015) 45.41ng/ui
 response 954627

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.00
125.00	17.50	13.10
0.00	0.00	0.00

Quantitation Report (Qedit)

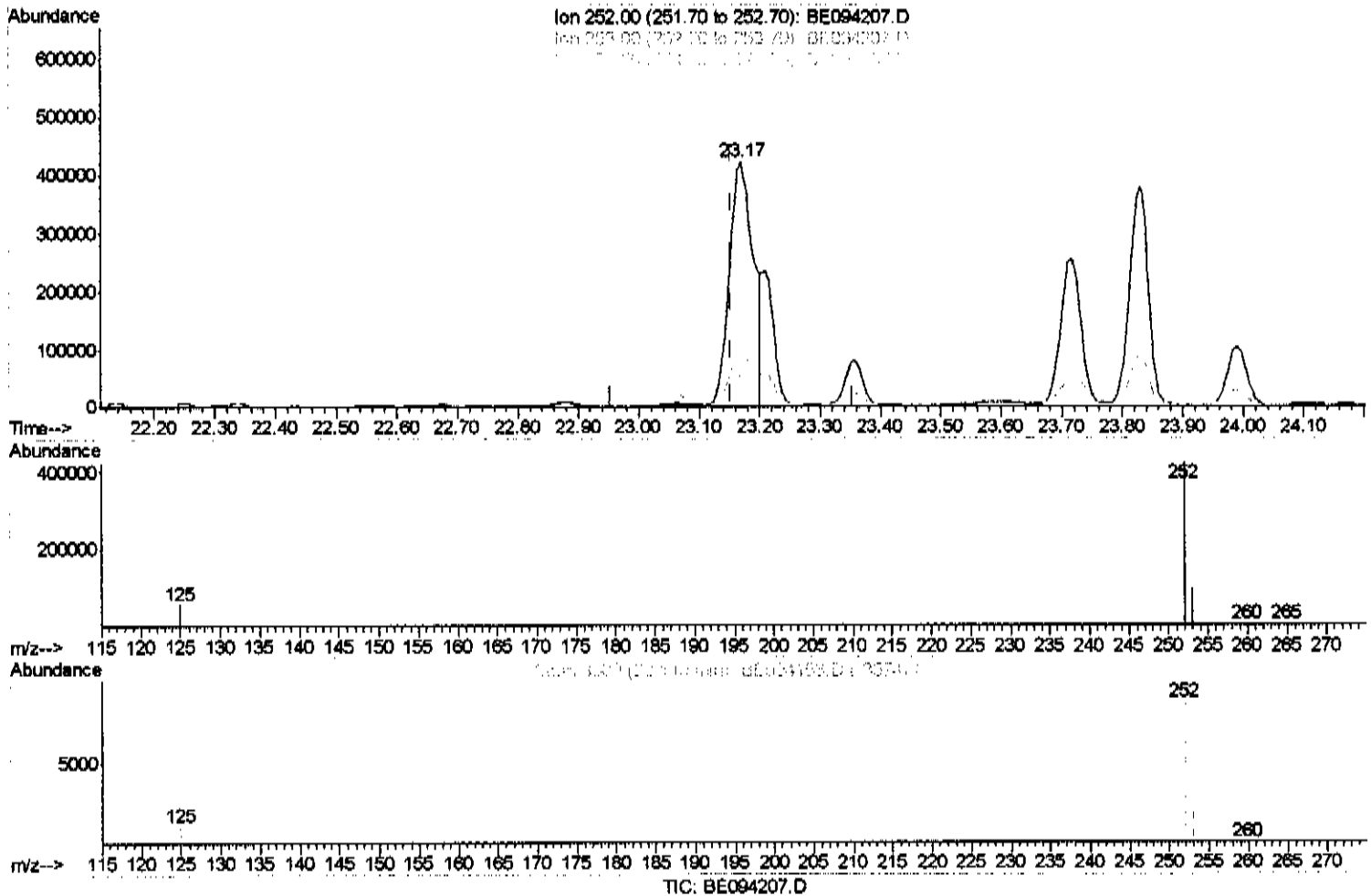
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 Data File : BE094207.D
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 Operator : SJ/JU
 Sample : I5449-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:53:00 PM

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(21) Benzo(b)fluoranthene

23.168min (+0.015) 54.90ng/ul m *ju 10/9/17*

response 1154192

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.00
125.00	17.50	13.10
0.00	0.00	0.00

Quantitation Report (Qedit)

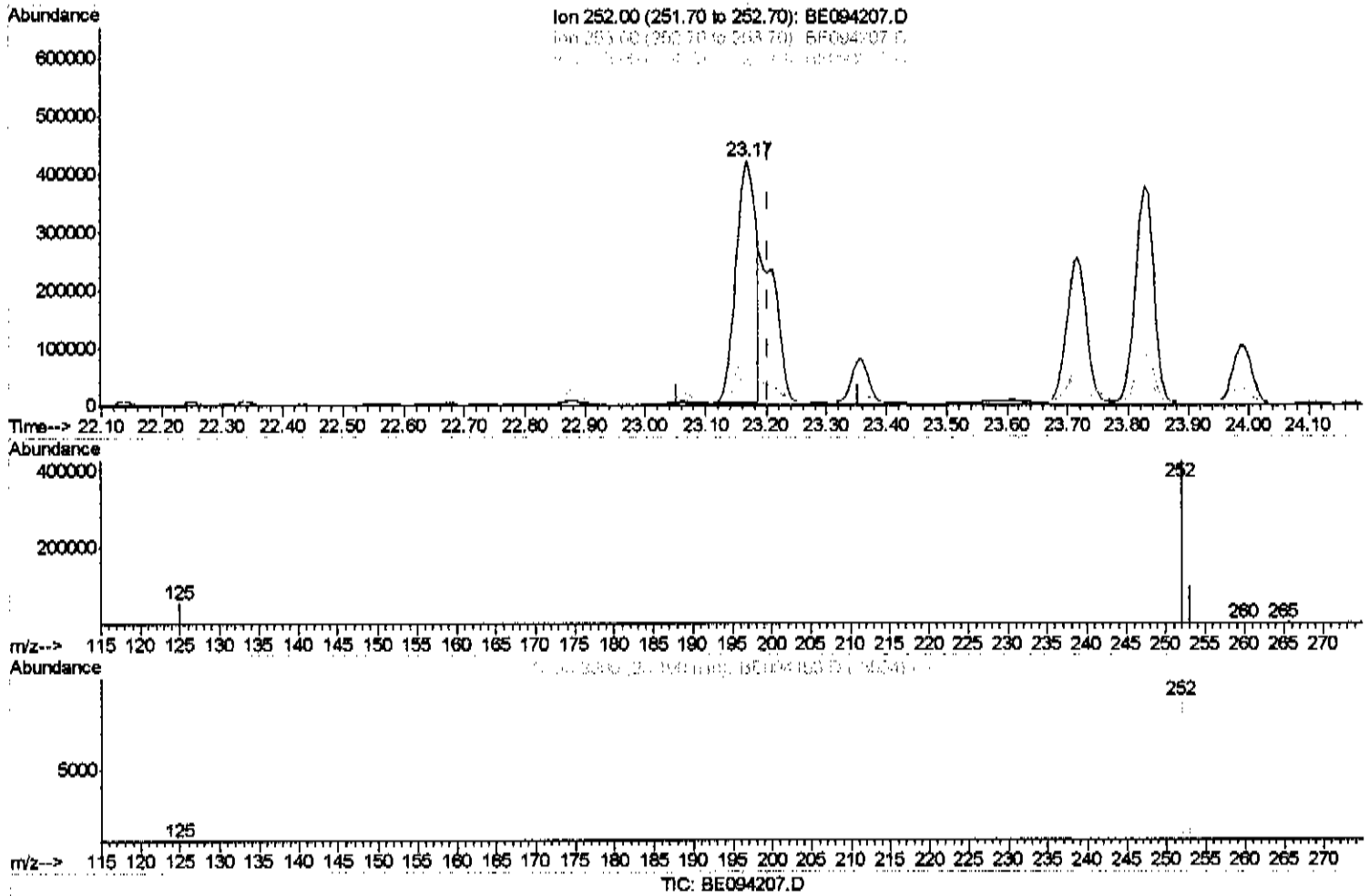
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094207.D
 Acq On : 7 Oct 2017 17:53
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 Sample : I5449-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(22) Benzo(k)fluoranthene
 23.169min (-0.035) 39.28ng/ul
 response 954627

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.00%
125.00	17.10	13.10%
0.00	0.00	0.00

Quantitation Report (Qedit)

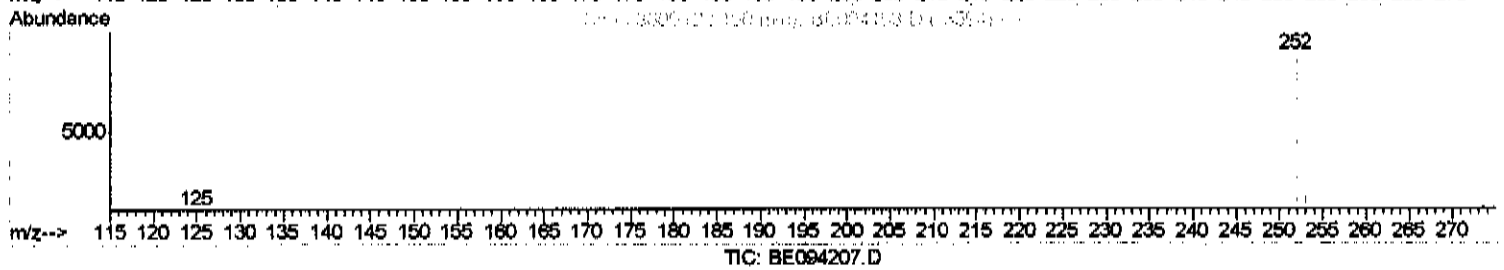
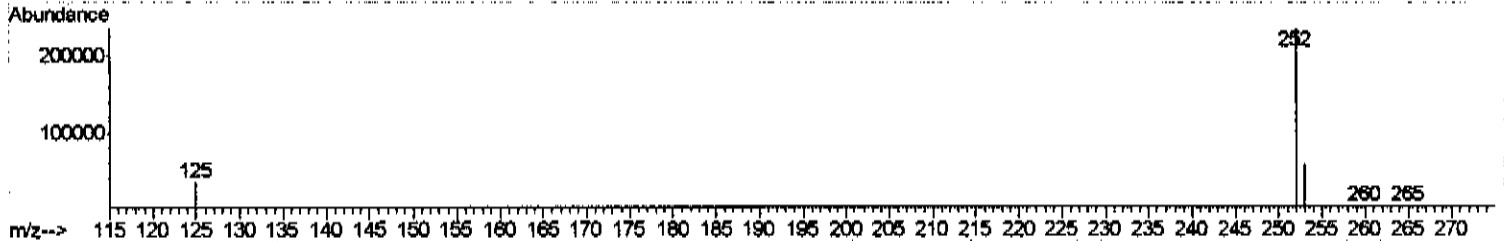
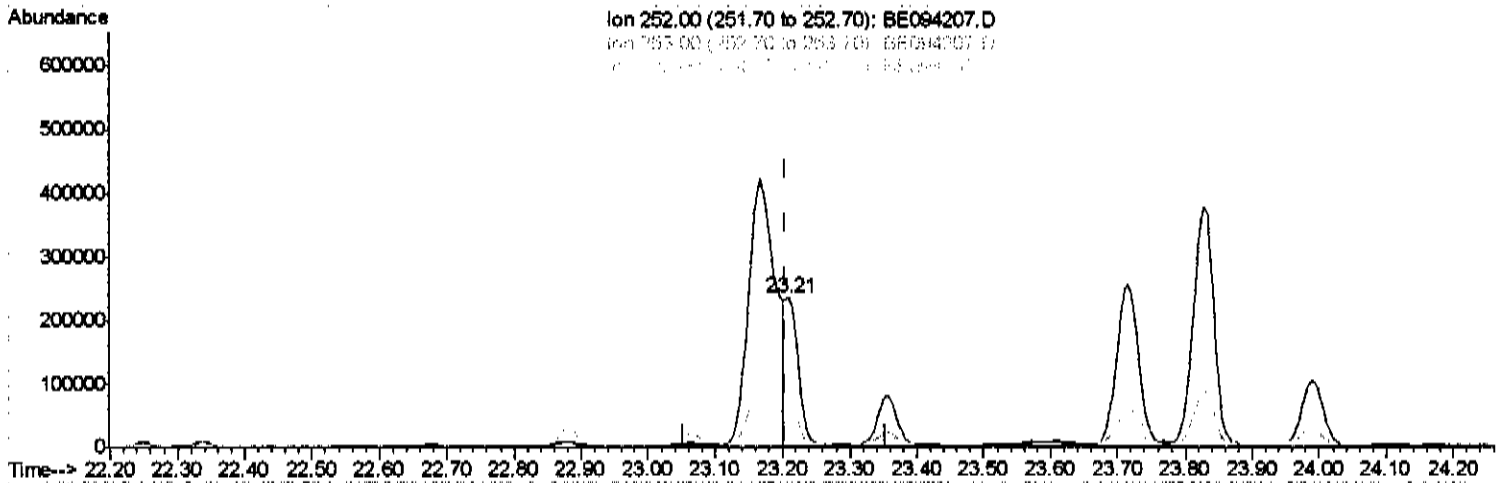
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(22) Benzo(k)fluoranthene

23.209min (+0.006) 13.26ng/ul m

response 322240

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.18*
125.00	17.10	14.73
0.00	0.00	0.00

Quantitation Report (Qedit)

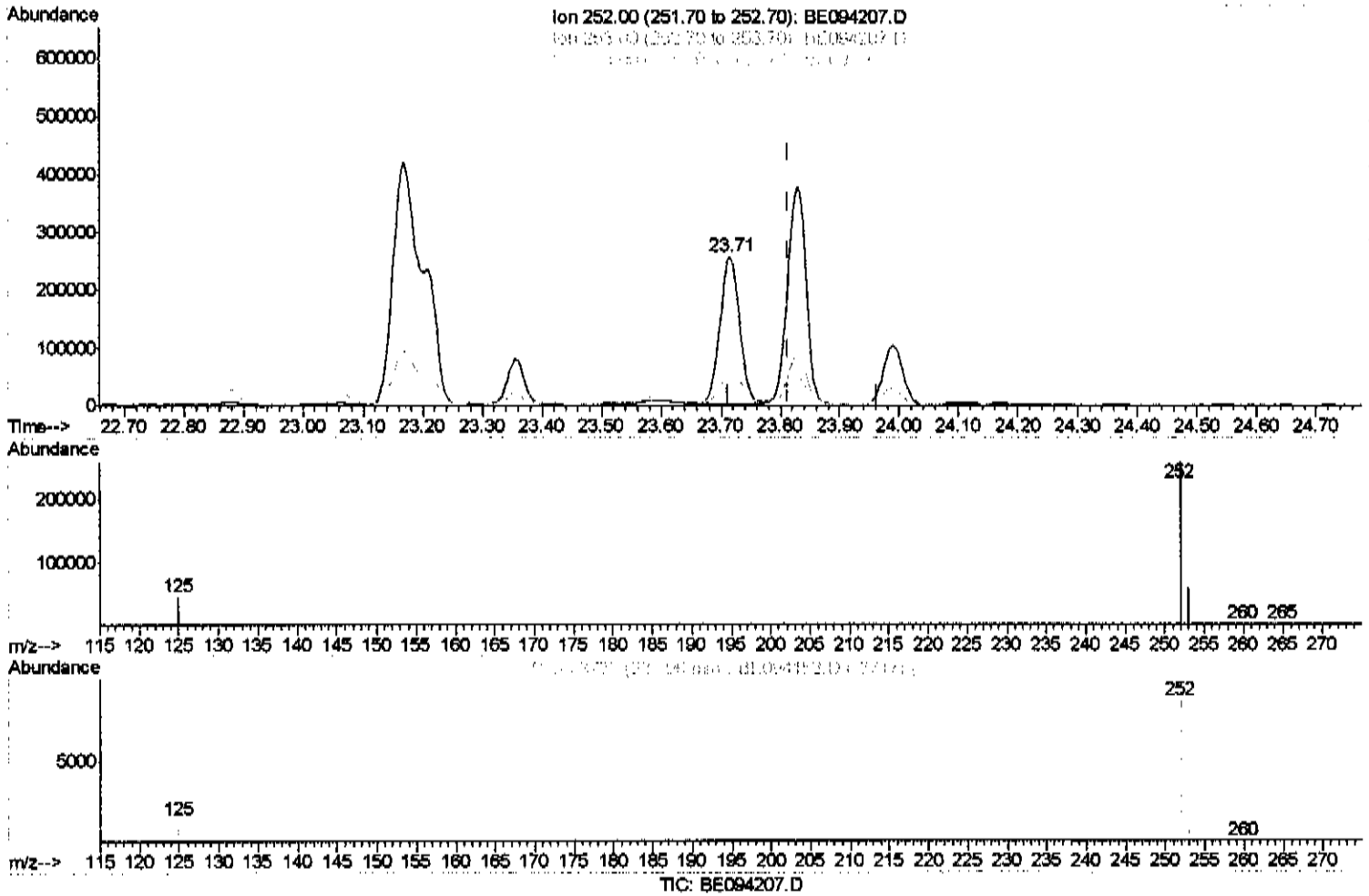
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Manual Integrations
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(23) Benzo(a)pyrene (C)

23.714min (-0.099) 26.56ng/ul

response 580266

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.40#
125.00	22.60	17.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

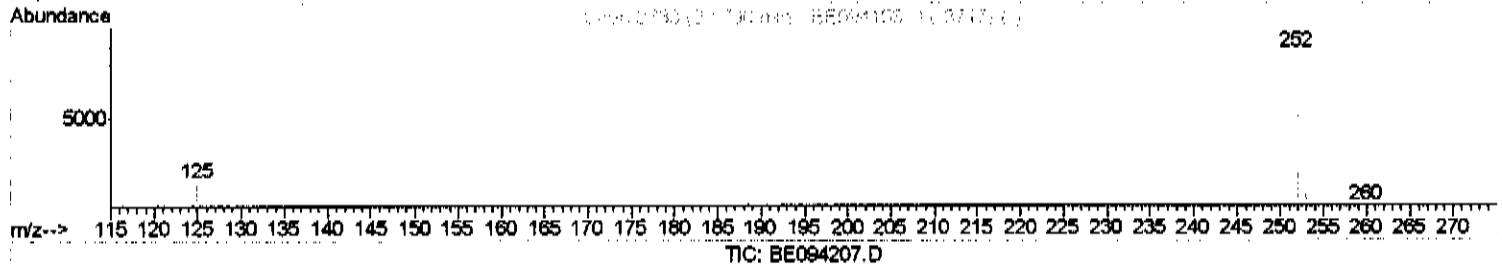
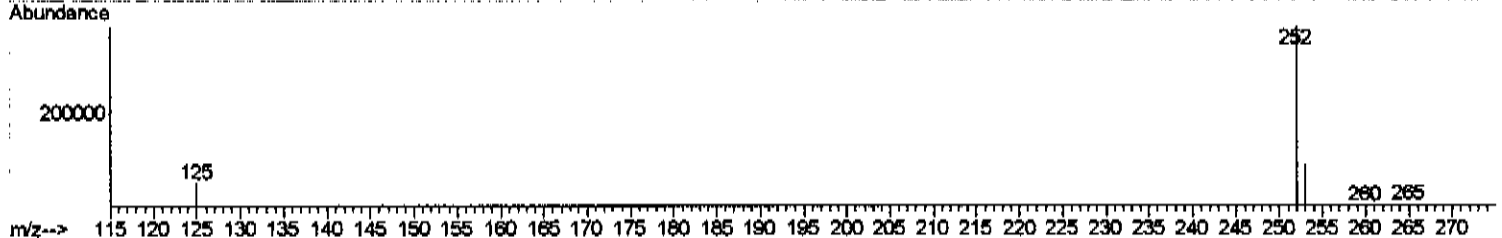
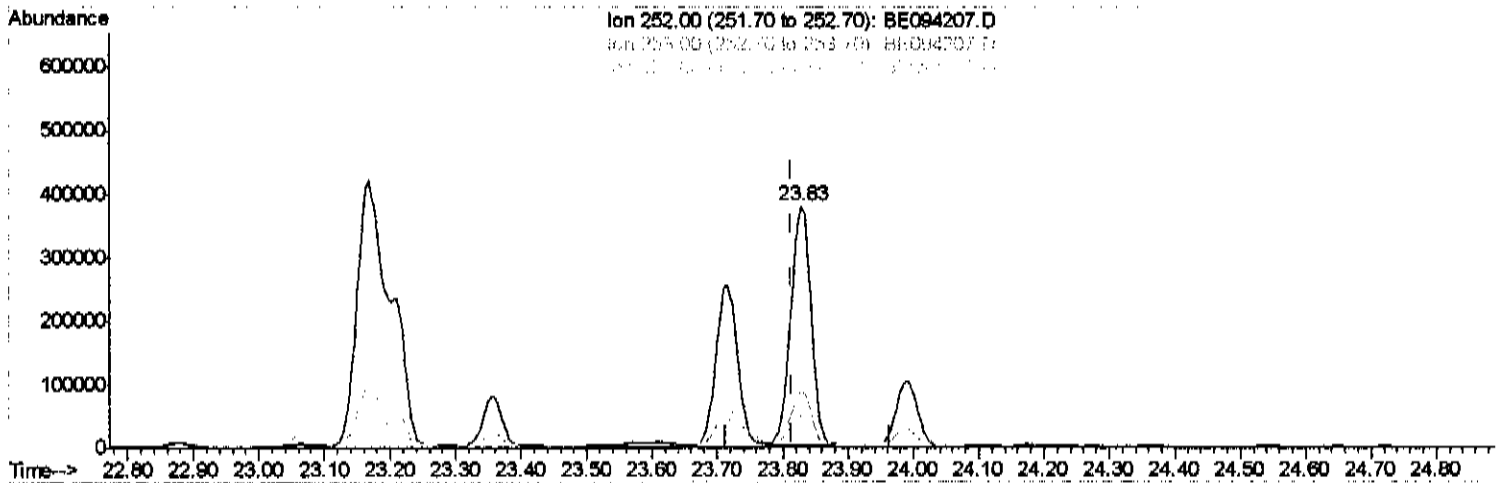
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094207.D
 Acq On : 7 Oct 2017 17:53
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 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Sohil
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TIC: BE094207.D

(23) Benzo(a)pyrene (C)

23.828min (+0.015) 37.11ng/ul m

24/10/17

response 810807

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.73%
125.00	22.60	13.36%
0.00	0.00	0.00

Quantitation Report (Qedit)

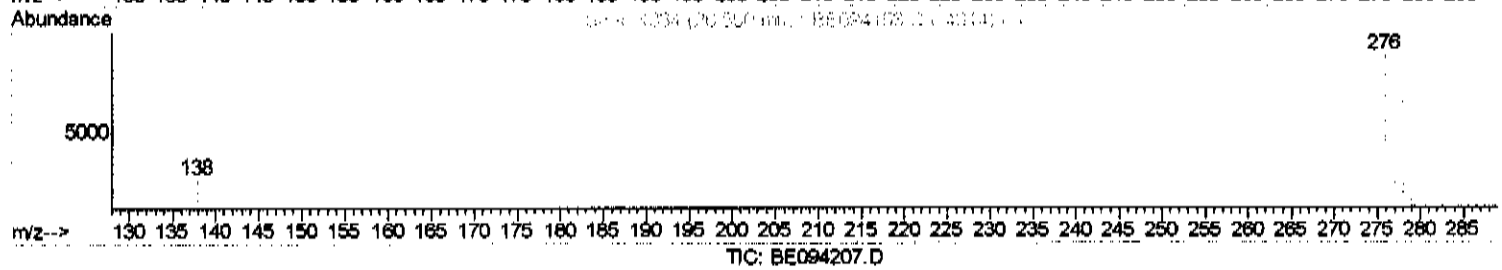
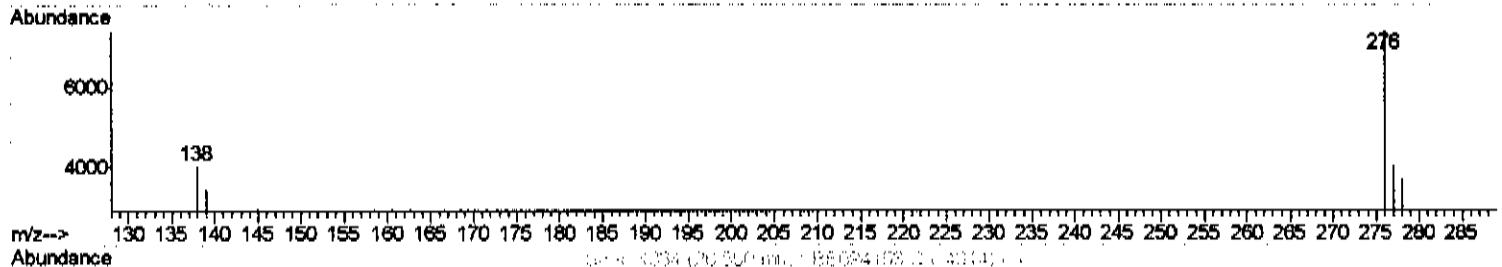
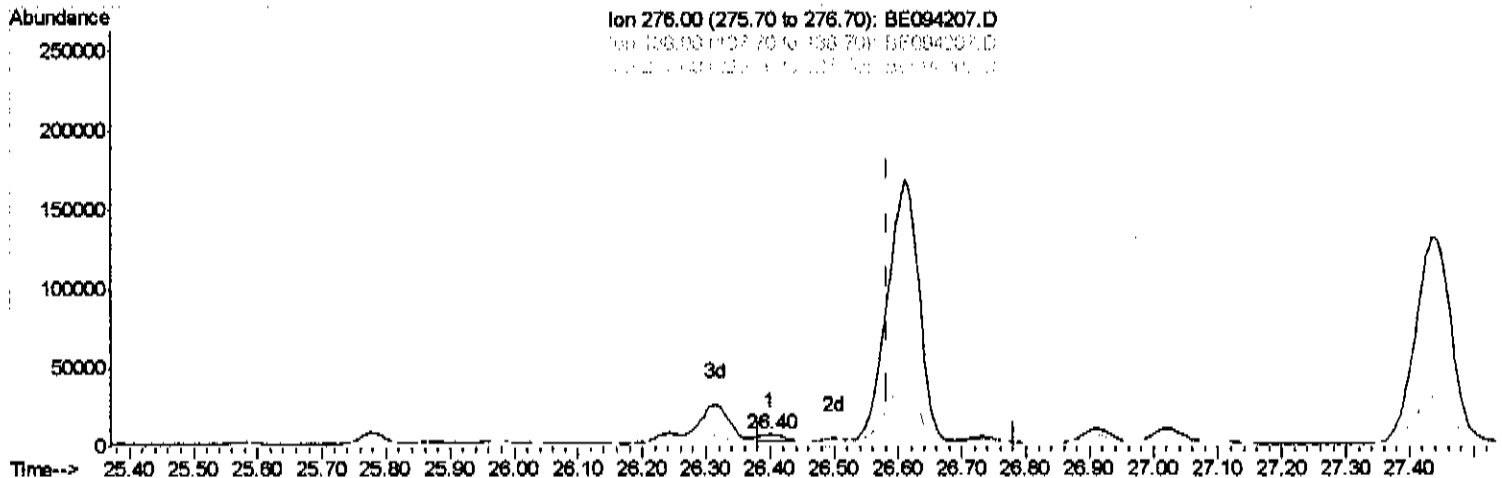
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(24) Indeno(1,2,3-cd)pyrene

26.400min (-0.183) 0.60ng/ul

response 13376

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	22.29#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

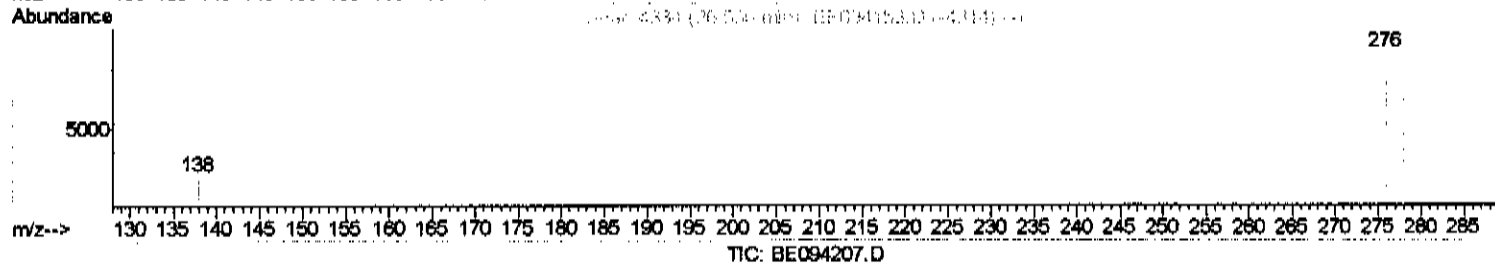
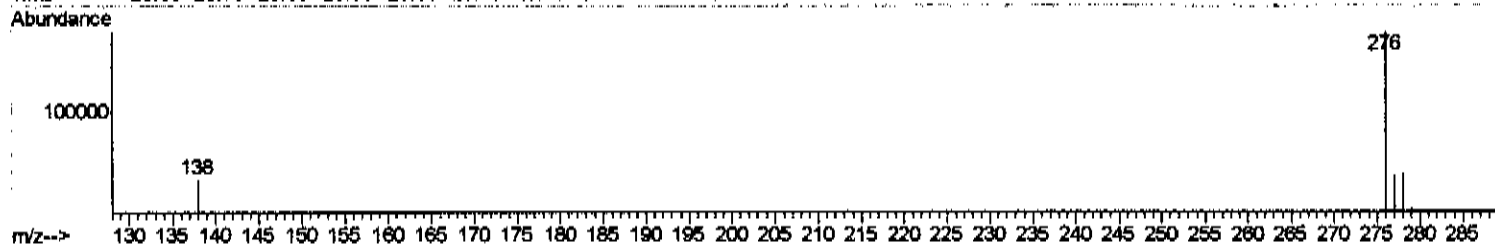
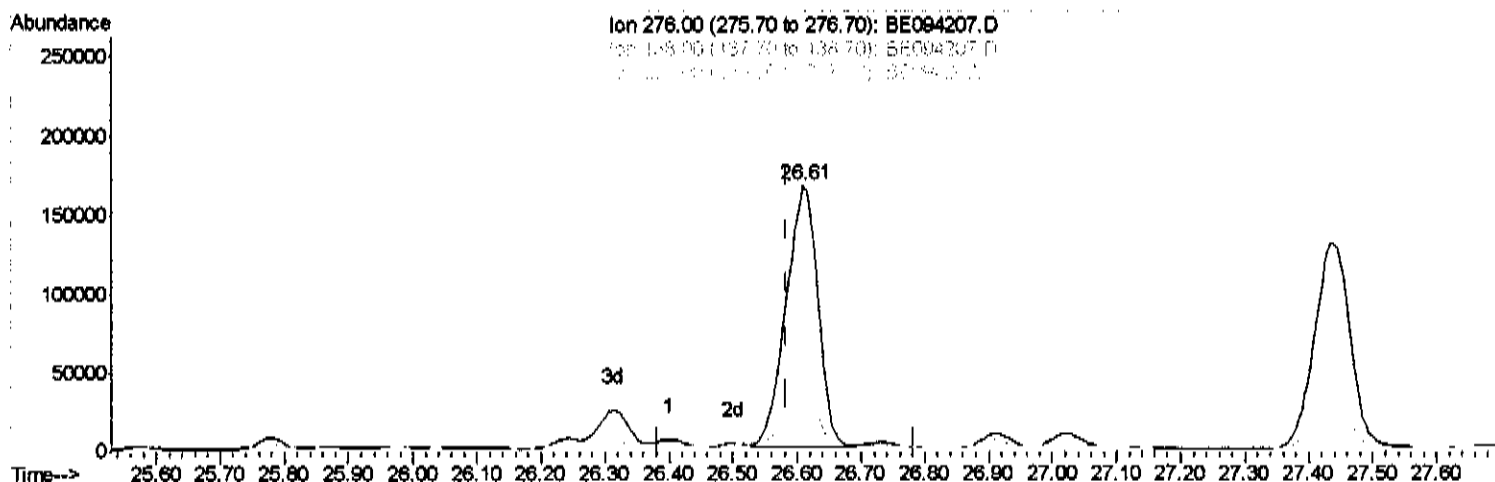
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(24) Indeno(1,2,3-cd)pyrene

26.610min (+0.027) 26.00ng/ul m

Jul 09/117

response 580988

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.51#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

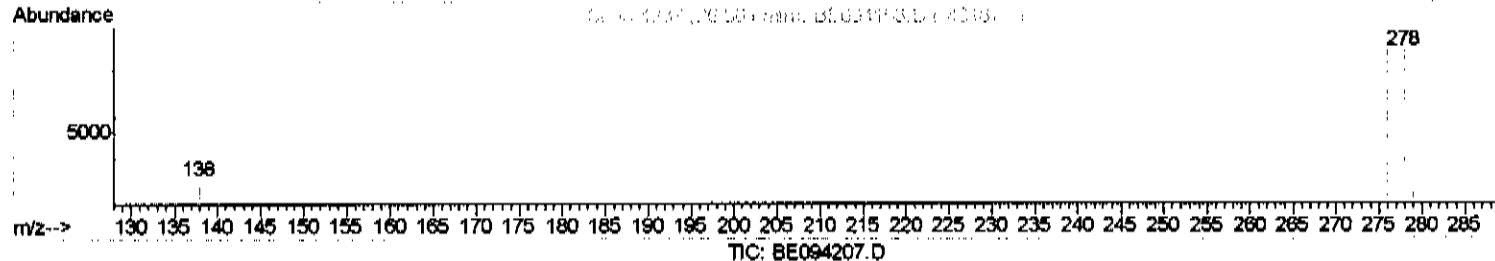
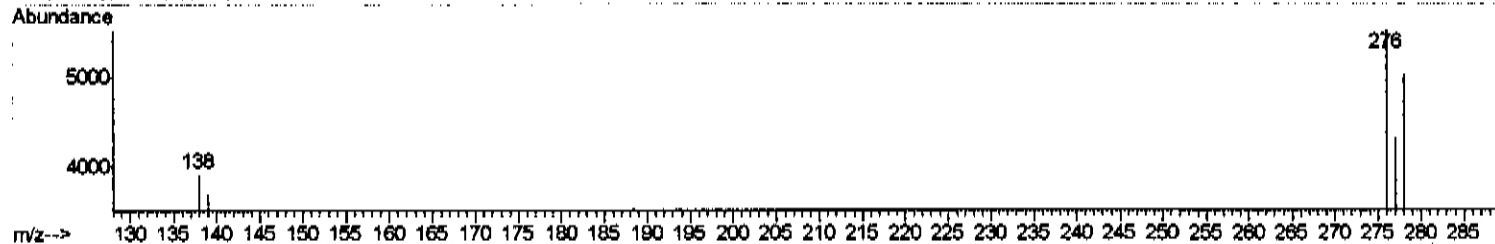
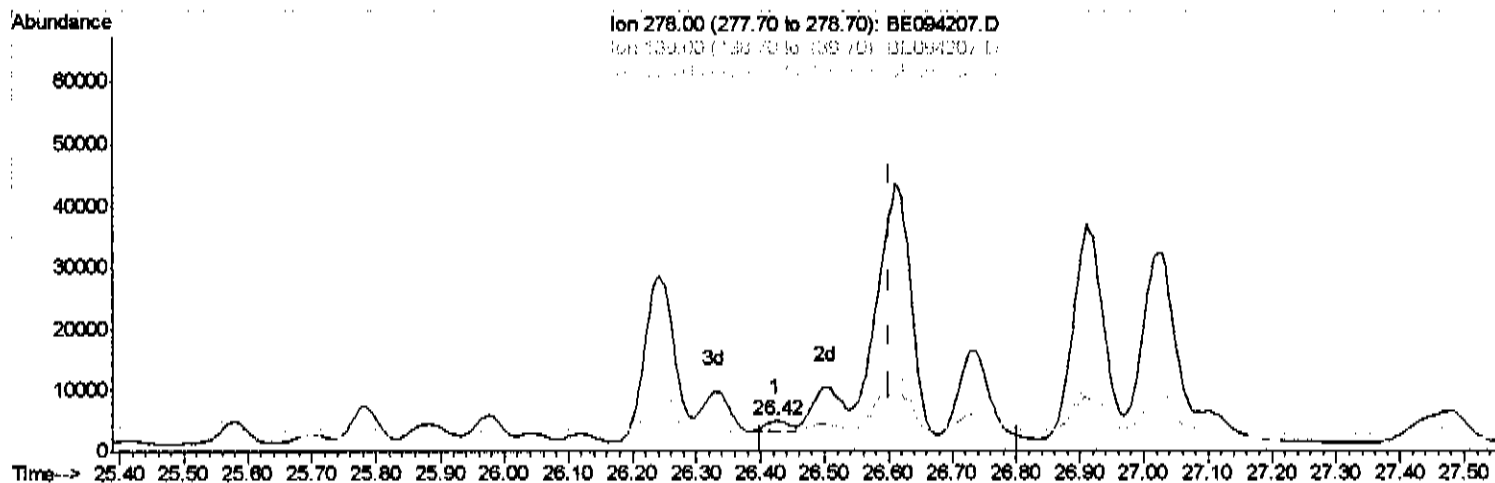
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(25) Dibenzo(a,h)anthracene

26.423min (-0.178) 0.25ng/ul

response 4658

Ion	Exp%	Act%
278.00	100	100
138.00	21.70	73.19#
279.00	32.40	69.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

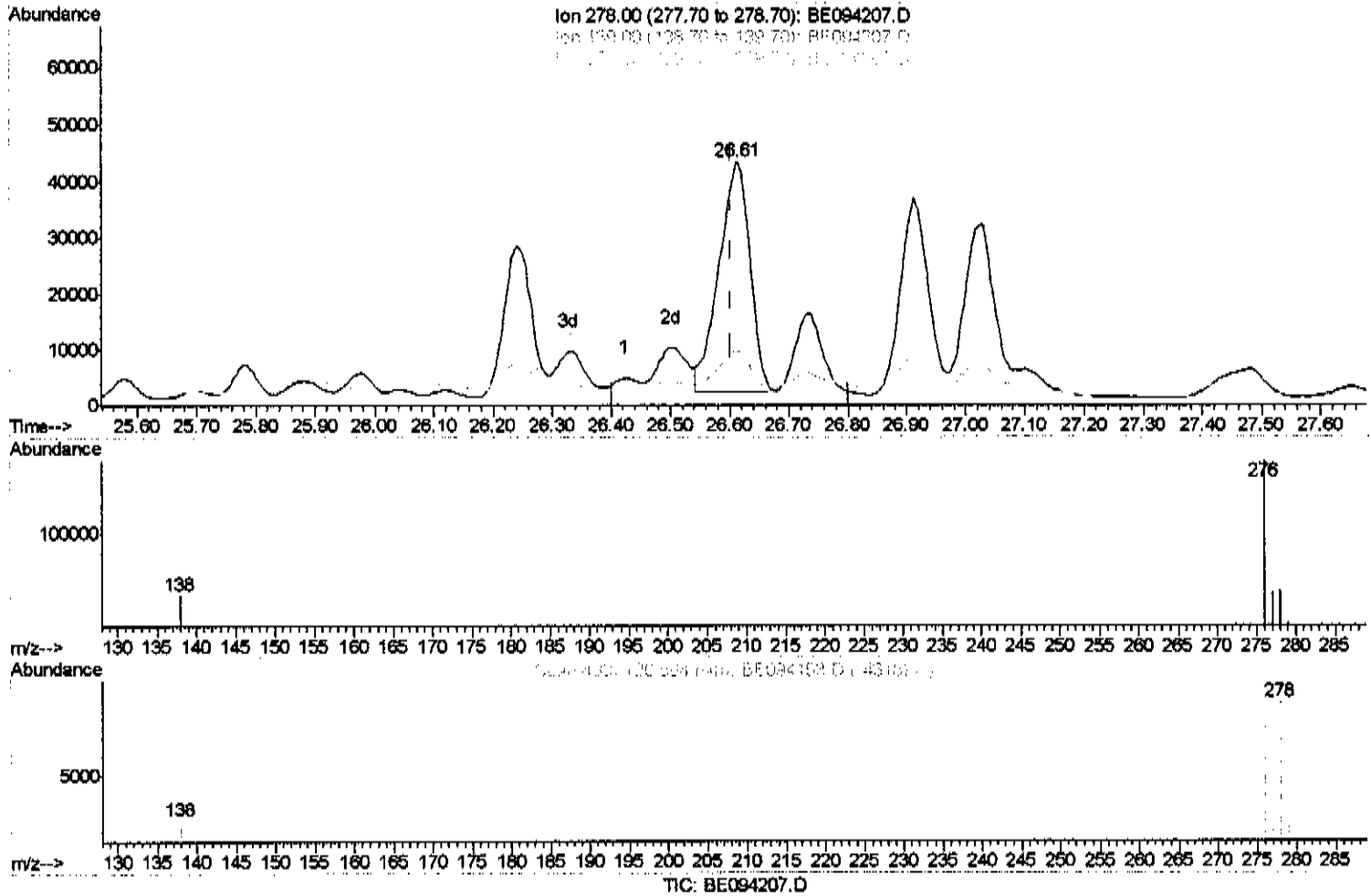
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(25) Dibenzo(a,h)anthracene

26.610min (+0.009) 7.98ng/ui m

response 149592

Ion	Exp%	Act%
278.00	100	100
138.00	21.70	23.11
279.00	32.40	29.71
0.00	0.00	0.00

Quantitation Report (Qedit)

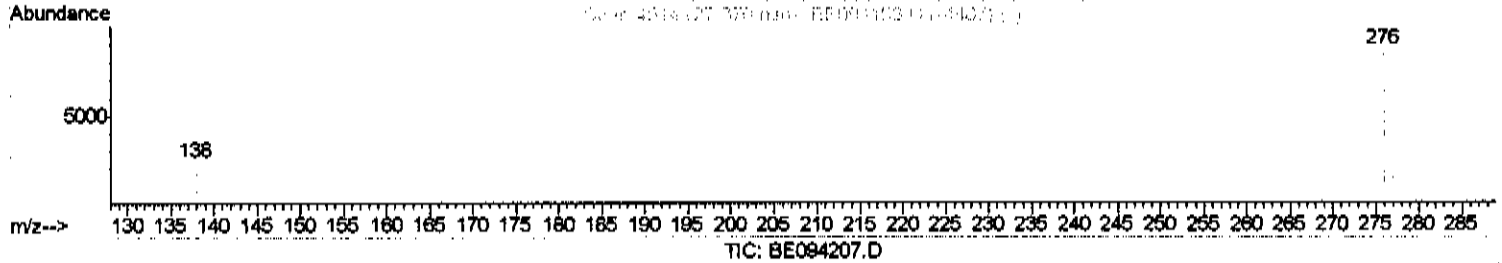
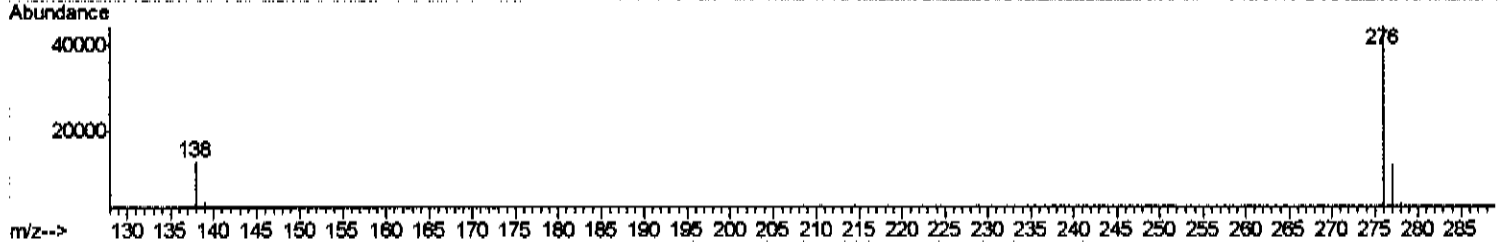
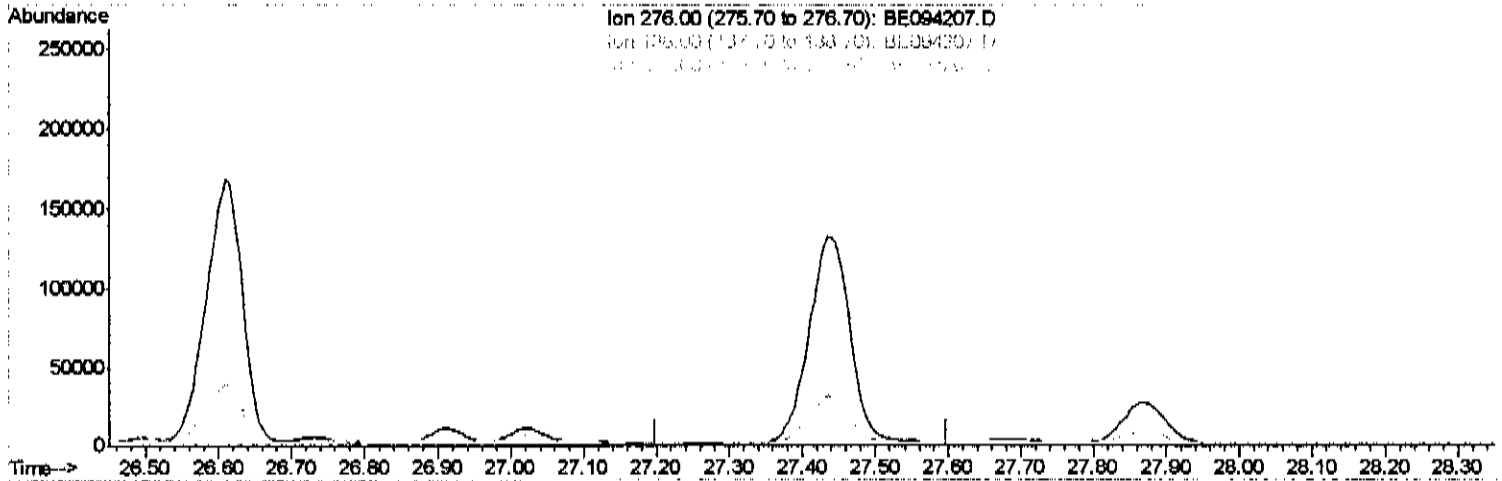
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(26) Benzo(g,h,i)perylene
 27.399min (-27.399) 0.00ng/ul
 response 0

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)

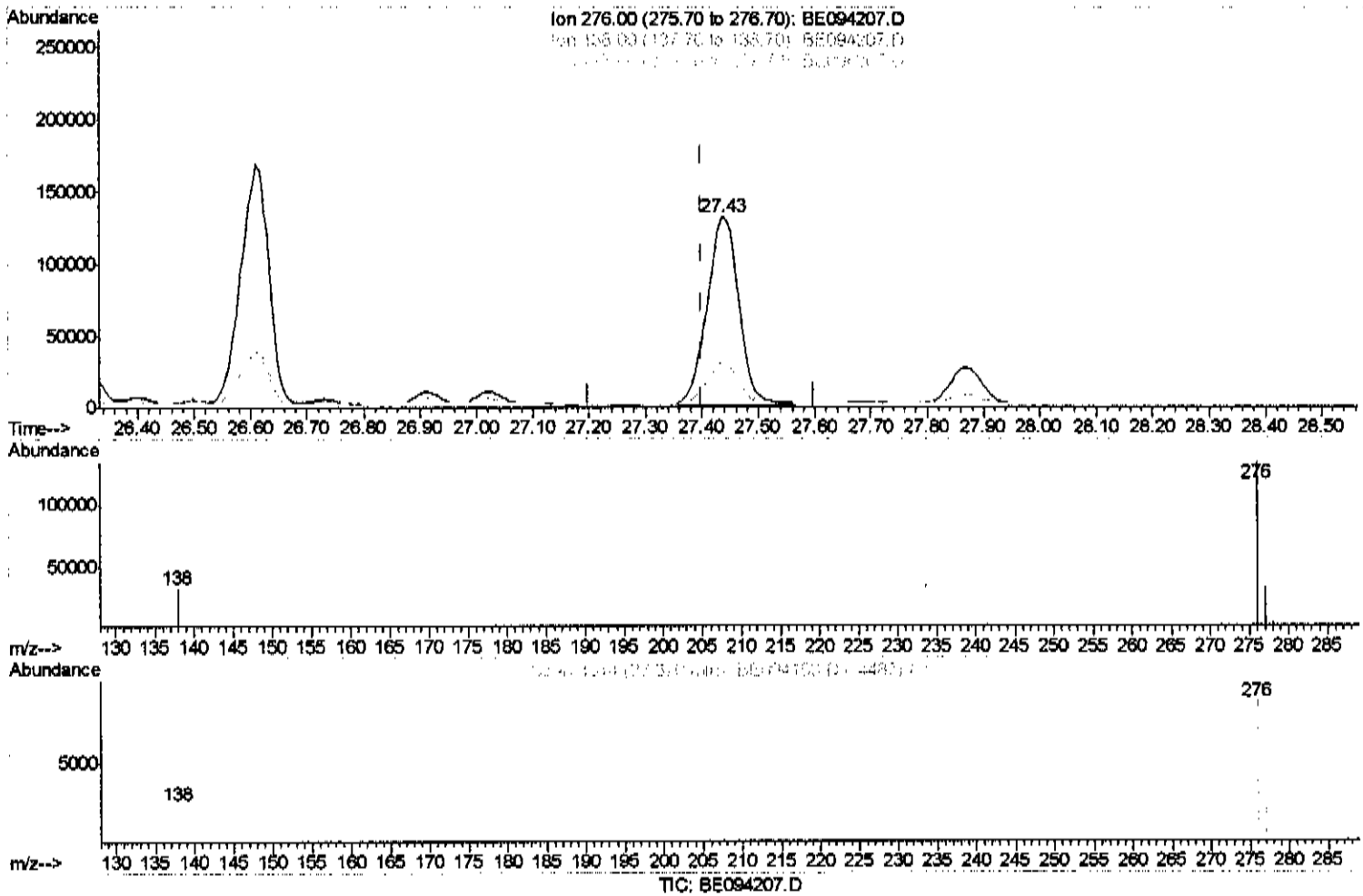
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094207.D
 Acq On : 7 Oct 2017 17:53
 Operator : SJ/JU
 Sample : I5449-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-60(FILL)-092617

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:53:00 PM

Quant Time: Oct 08 03:31:44 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



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

27.435min (+0.036) 26.78ng/ul m

response 516163

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	23.89
277.00	25.60	24.68
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampled :
B-60(FILL)-092617

Manual Integrations
APPROVED

Sohil
10/9/2017 6:53:00 PM

Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
Data File : BE094207.D
Acq On : 7 Oct 2017 17:53
Operator : SJ/JU
Sample : I5449-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 08 03:35:02 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1246	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6722	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4286	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	8406m	0.40	ng/ul	>0.03
16) Chrysene-d12	21.42	240	8137	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	7739m	0.40	ng/ul	>0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	2717	0.26	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	5957	0.21	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.74	128	65512	3.979	ng/ul#	91
5) 2-Methylnaphthalene	12.34	142	25175	2.357	ng/ul	98
7) Acenaphthylene	14.24	152	28873	1.728	ng/ul	99
8) Acenaphthene	14.57	153	38526	2.801	ng/ul	98
9) Fluorene	15.56	166	39382	2.445	ng/ul	93
12) Phenanthrene	17.29	178	917561	41.771	ng/ul#	93
13) Anthracene	17.38	178	221461	10.366	ng/ul#	91
15) Fluoranthene	19.30	202	1633597	56.598	ng/ul	84
17) Pyrene	19.66	202	1540843	68.059	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	870383	40.321	ng/ul#	87
19) Chrysene	21.45	228	855351	34.312	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	1154192m	54.902	ng/ul	} JU 10/9/17
22) Benzo(k)fluoranthene	23.21	252	322240m	13.261	ng/ul	
23) Benzo(a)pyrene	23.83	252	810607m	37.106	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.61	276	580988m	25.998	ng/ul	
25) Dibenzo(a,h)anthracene	26.61	278	149592m	7.981	ng/ul	
26) Benzo(g,h,i)perylene	27.43	276	516163m	26.778	ng/ul	

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