

Instrument :
BNA_E
ClientSampleId :
B-60(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/9/2017 6:53:05 PM

[illegible]

Quantitation Report (Qedit)

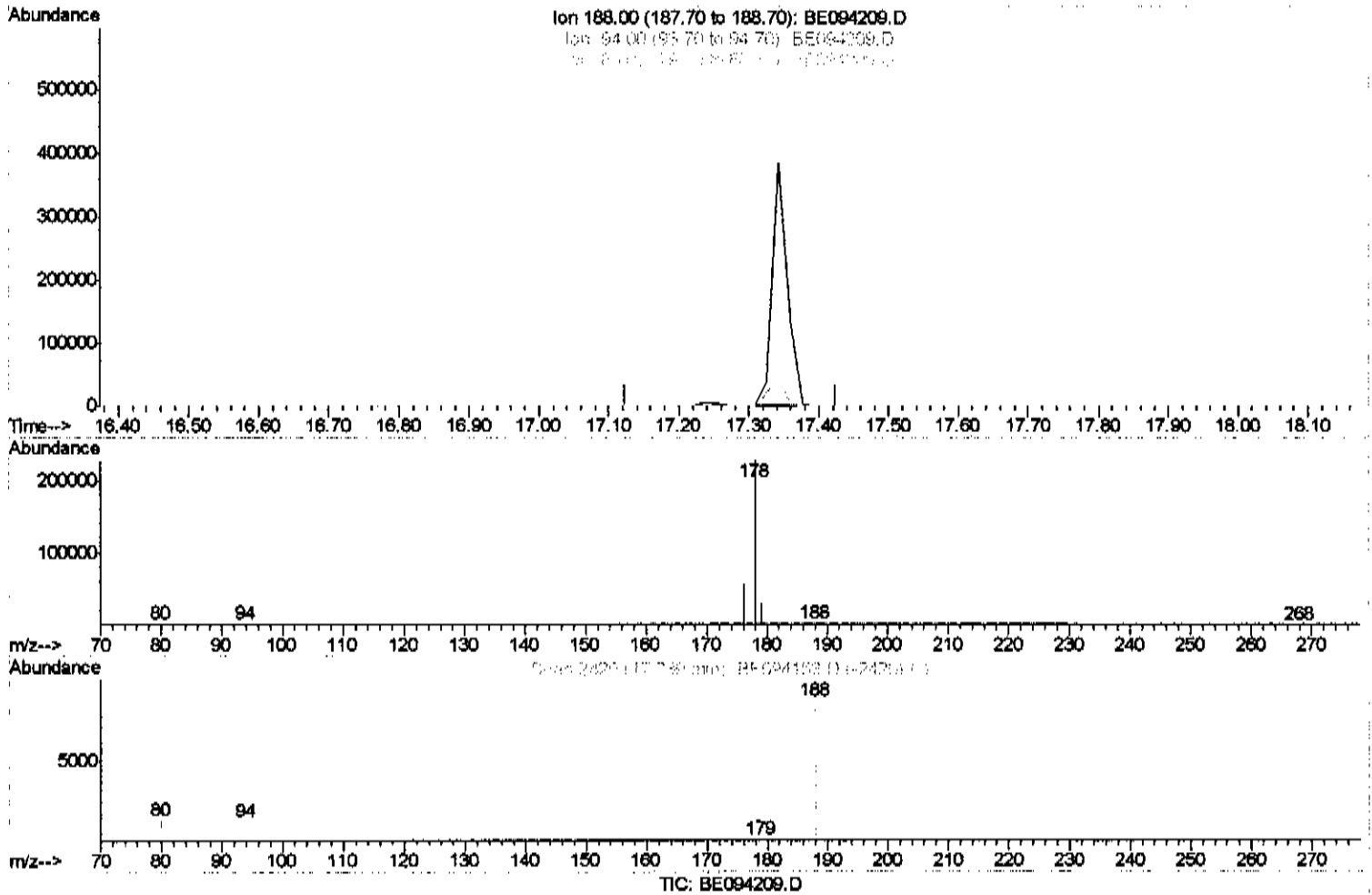
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094209.D
 Acq On : 7 Oct 2017 19:08
 Operator : SJ/JU
 Sample : I5449-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-60(0-1)-092617

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:53:05 PM

Quant Time: Oct 08 03:39:02 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



(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)

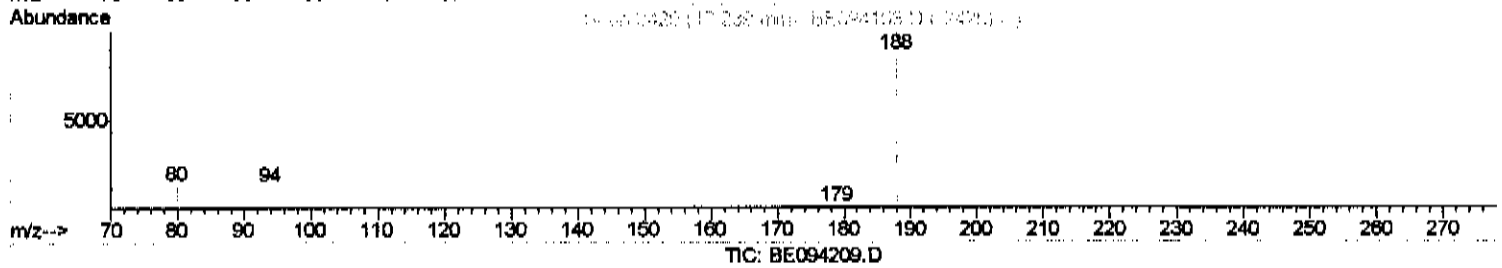
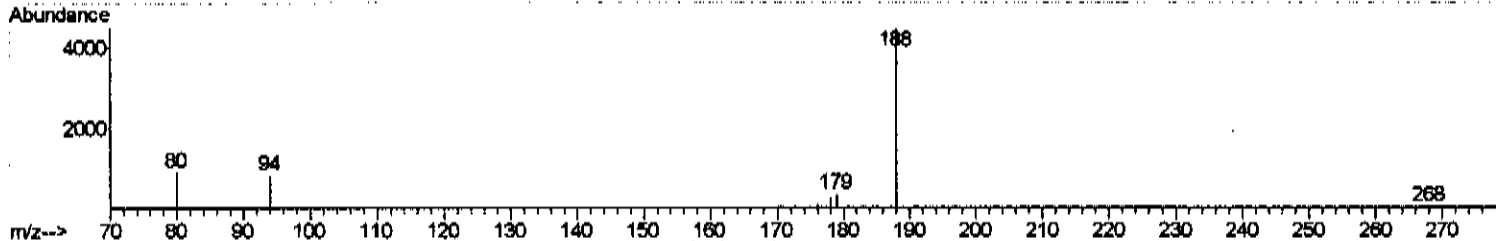
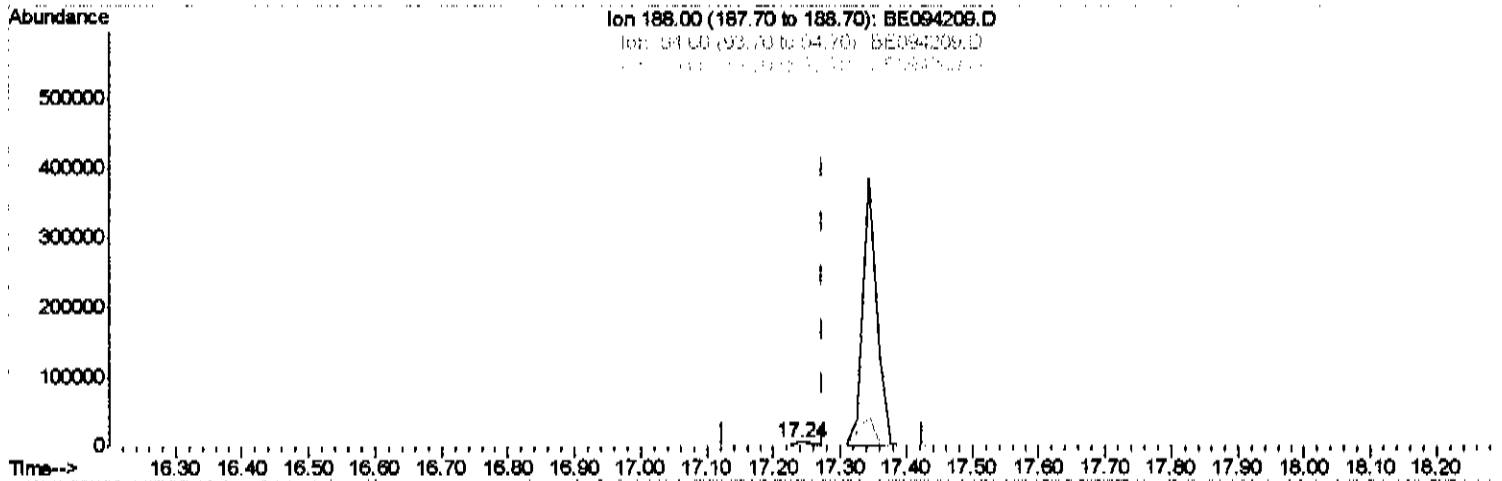
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094209.D
 Acq On : 7 Oct 2017 19:08
 Operator : SJ/JU
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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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(10) Phenanthrene-d10 (I)

17.239min (-0.035) 0.40ng/ul m

response 8675

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	19.45%
80.00	11.80	20.76%
0.00	0.00	0.00

SJ 10/9/17

Quantitation Report (Qedit)

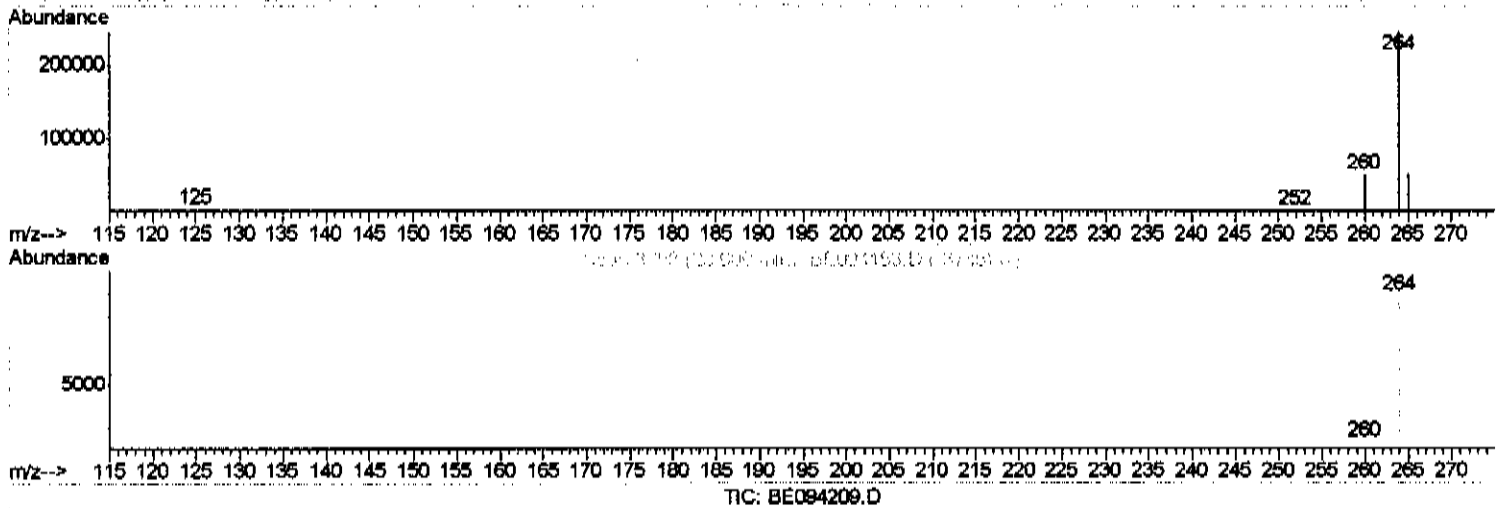
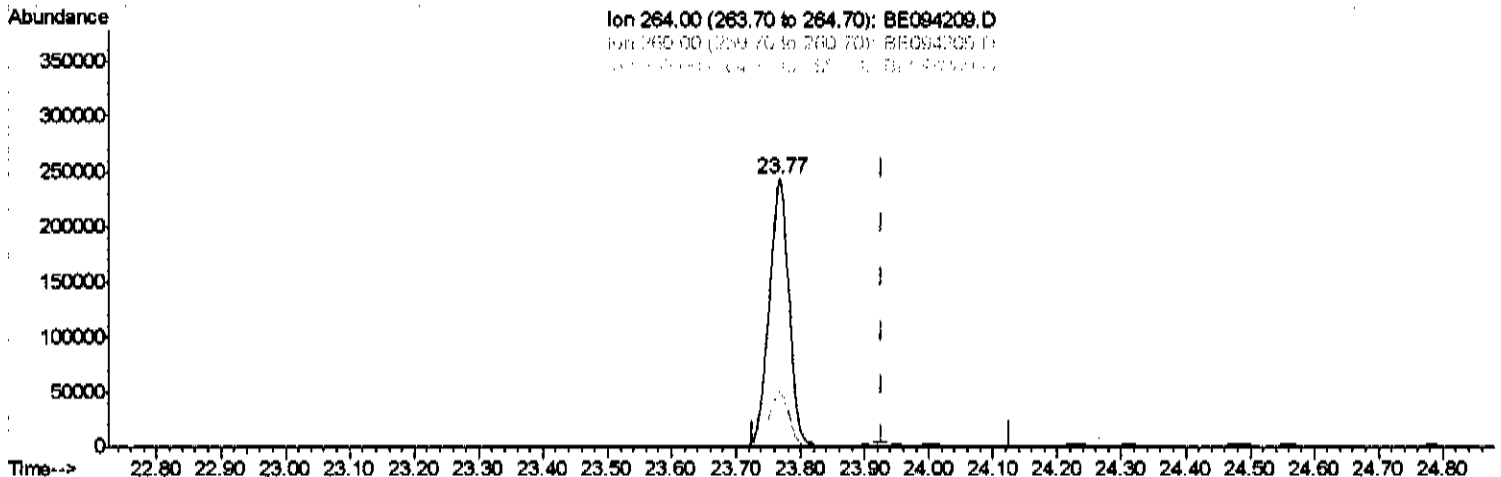
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094209.D
 Acq On : 7 Oct 2017 19:08
 Operator : SJ/JU
 Sample : I5449-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Sohil
 10/9/2017 6:53:05 PM

Quant Time: Oct 08 03:39:52 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



(20) Perylene-d12 (I)

23.768min (-0.159) 0.40ng/ul

response 507687

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.05#
265.00	103.50	21.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

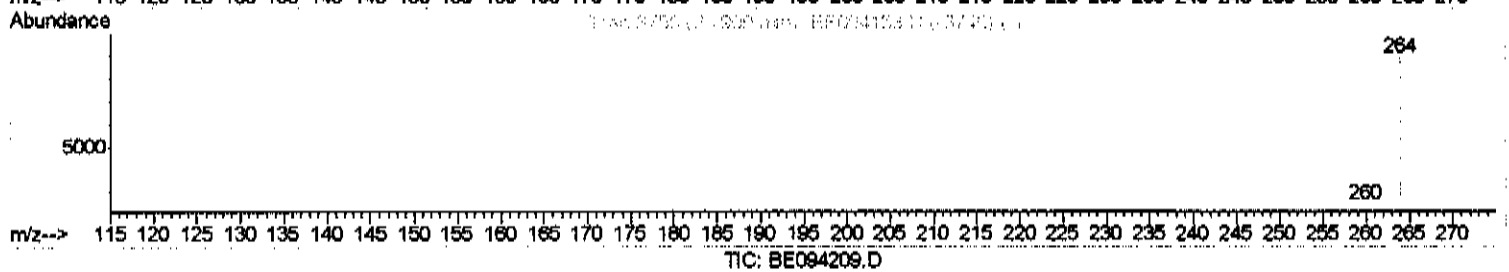
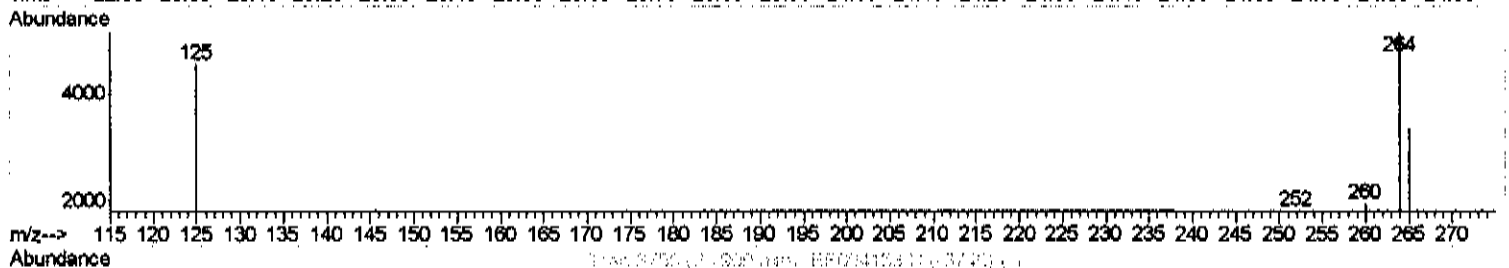
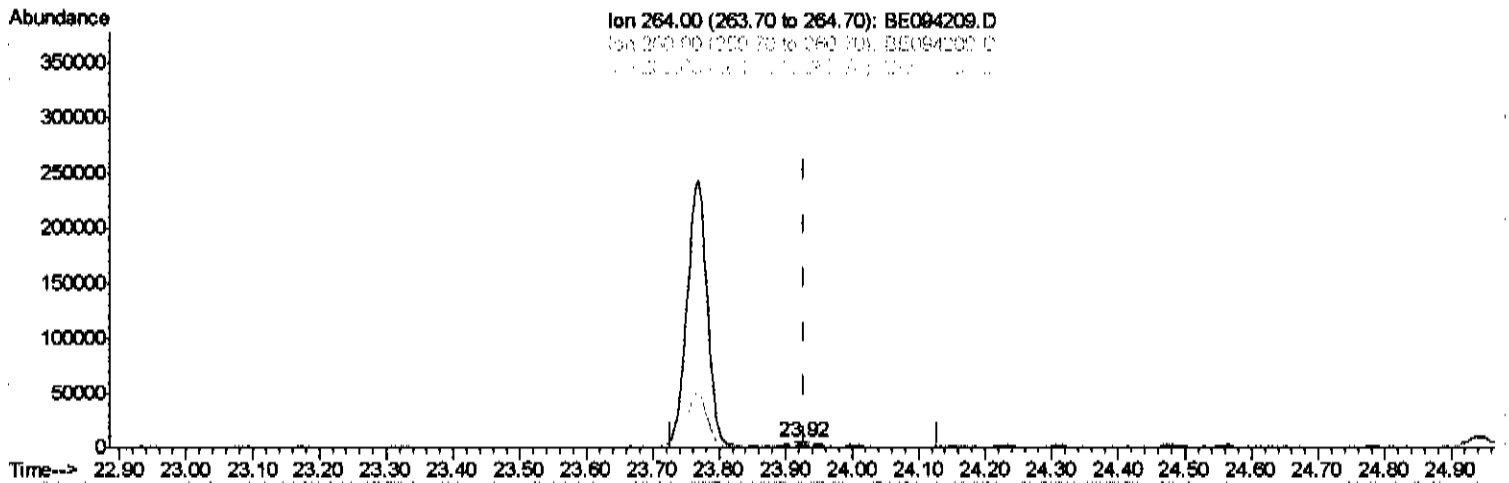
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094209.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.923min (-0.004) 0.40ng/ul m

response 7925

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	38.05%
265.00	103.50	65.96%
0.00	0.00	0.00

Quantitation Report (Qedit)

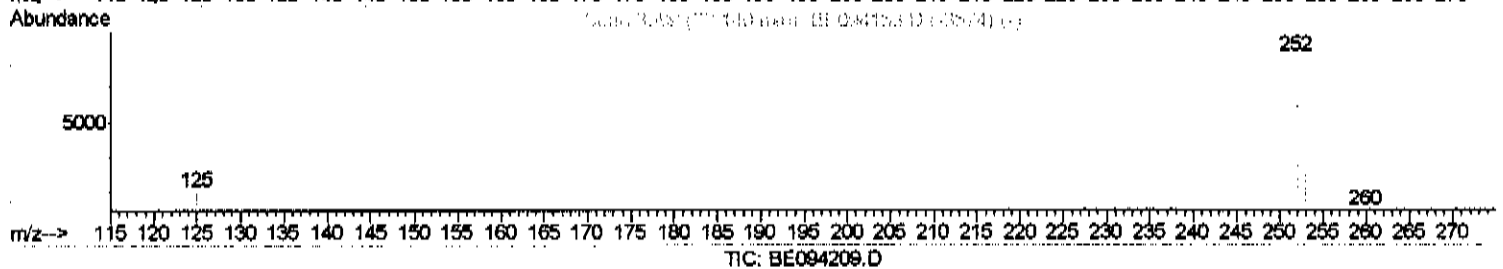
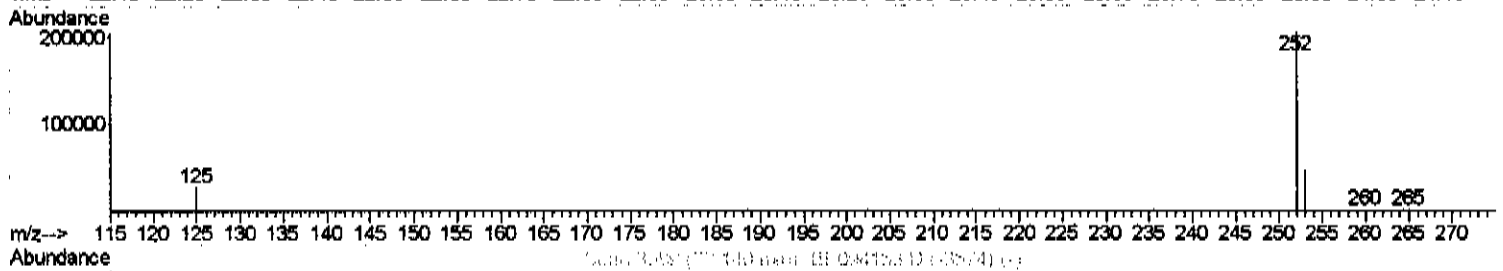
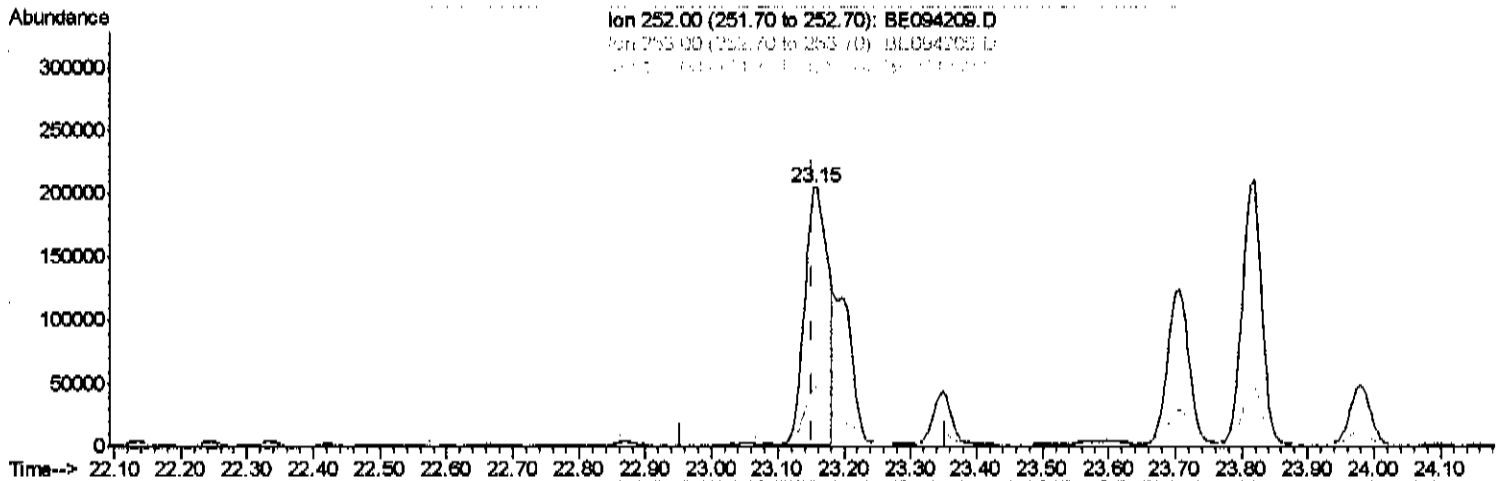
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094209.D
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 Operator : SJ/JU
 Sample : I5449-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Oct 08 03:40:35 2017
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(21) Benzo(b)fluoranthene

23.154min (+0.001) 23.04ng/ul

response 496019

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.14
125.00	17.50	13.25
0.00	0.00	0.00

Quantitation Report (Qedit)

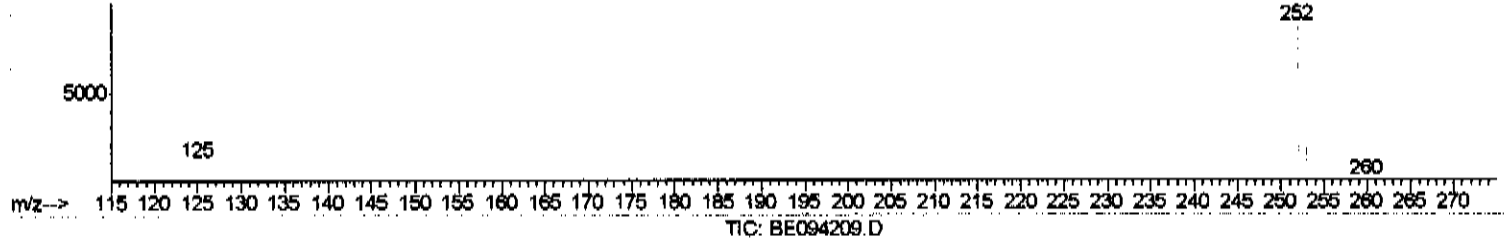
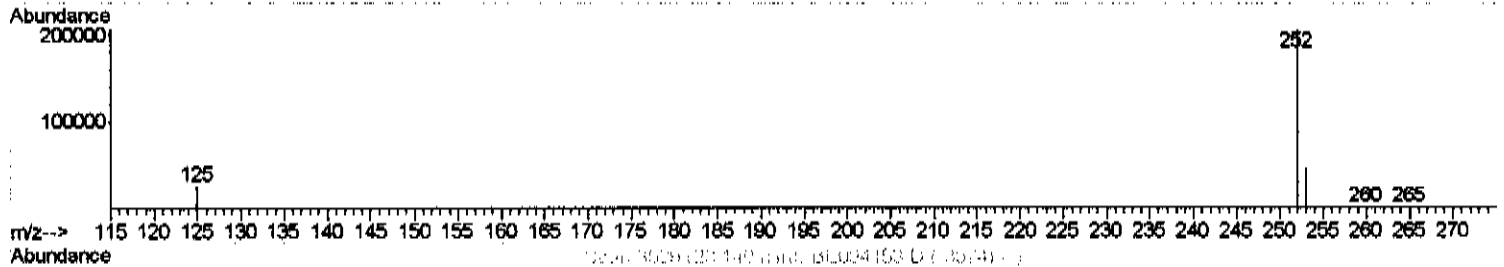
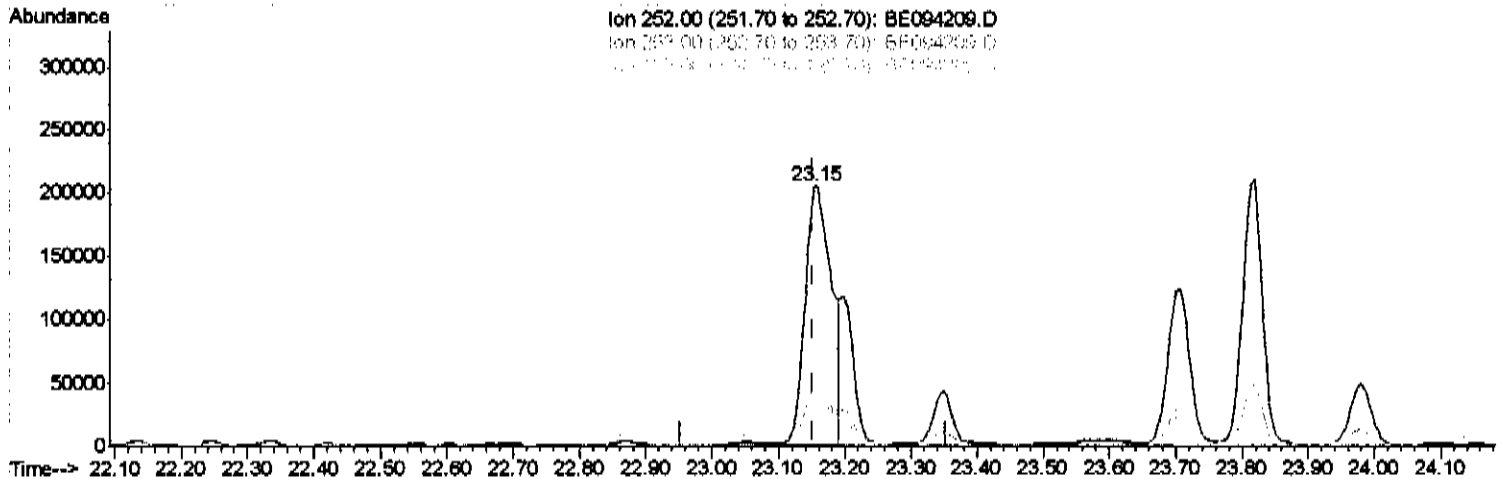
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094209.D
 Acq On : 7 Oct 2017 19:08
 Operator : SJ/JU
 Sample : I5449-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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Quant Time: Oct 08 03:40:35 2017
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(21) Benzo(b)fluoranthene

23.154min (+0.001) 26.25ng/ul m

response 565202

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.14
125.00	17.50	13.25
0.00	0.00	0.00

Quantitation Report (Qedit)

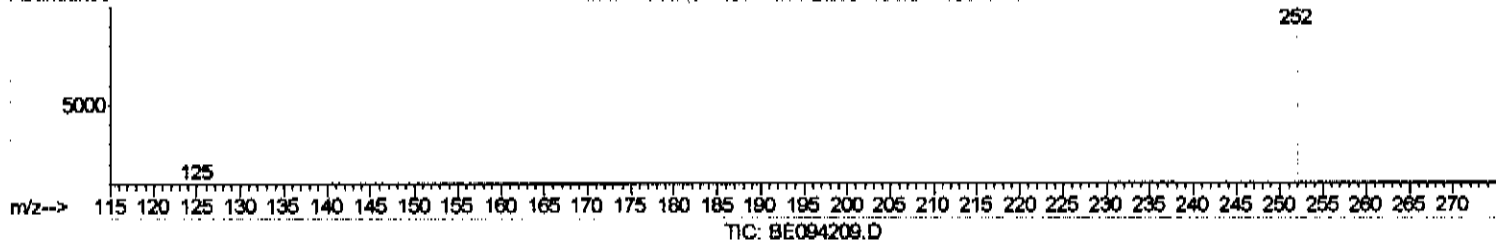
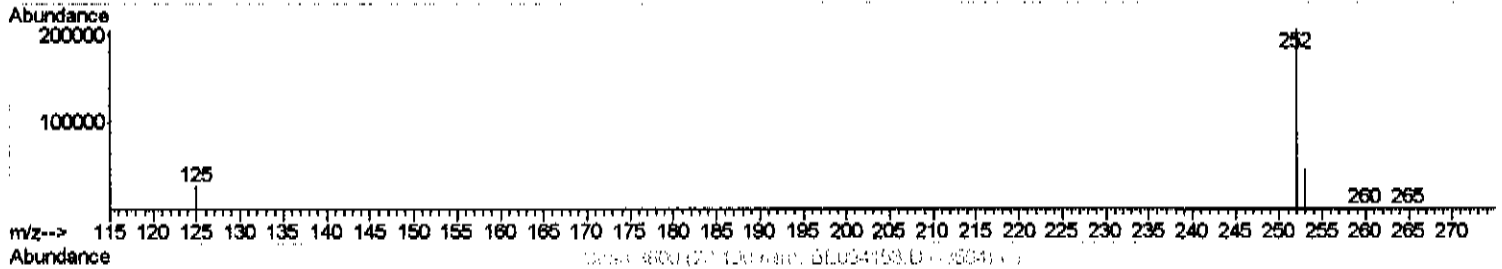
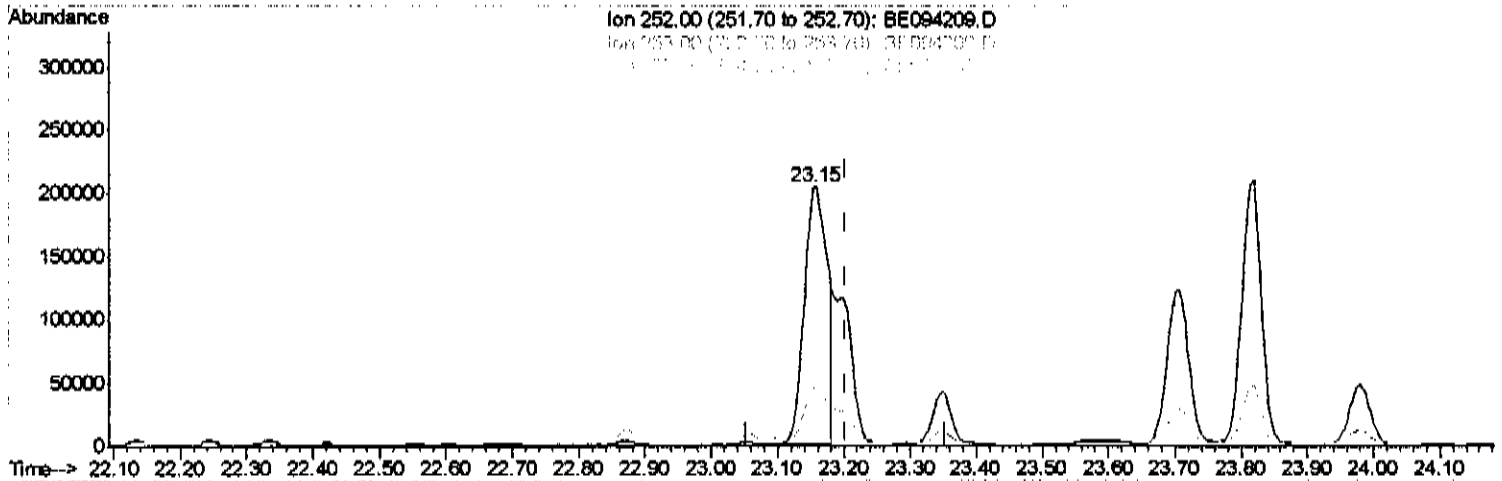
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094209.D
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(22) Benzo(k)fluoranthene

23.154min (-0.050) 19.93ng/ui

response 496019

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.14#
125.00	17.10	13.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

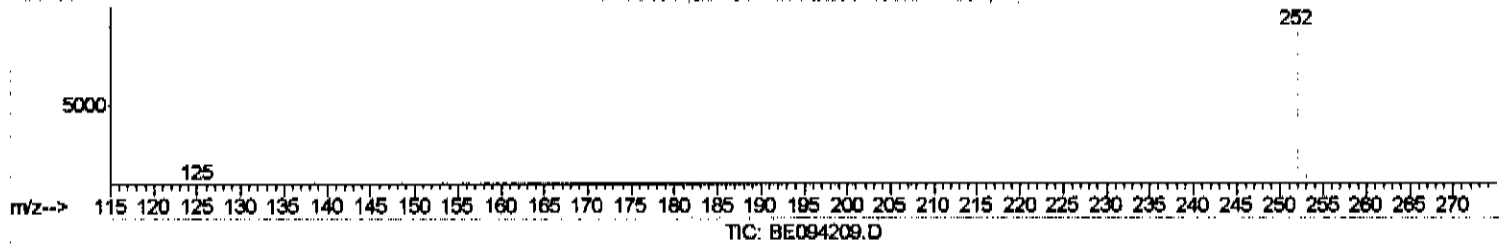
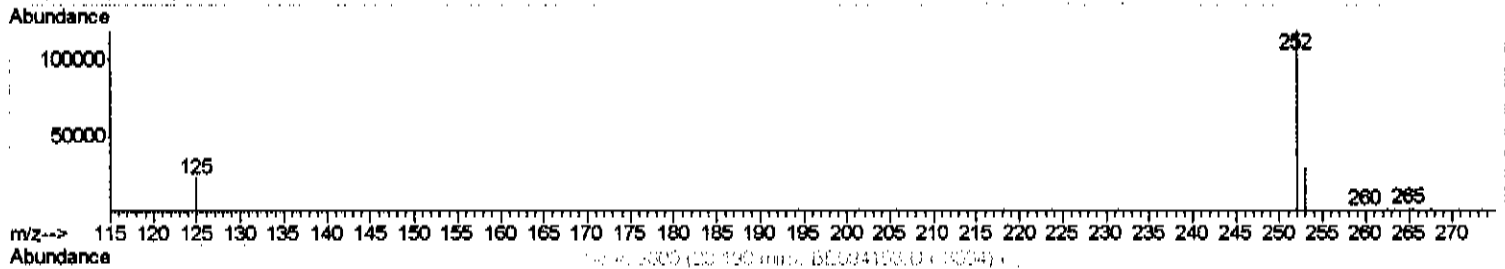
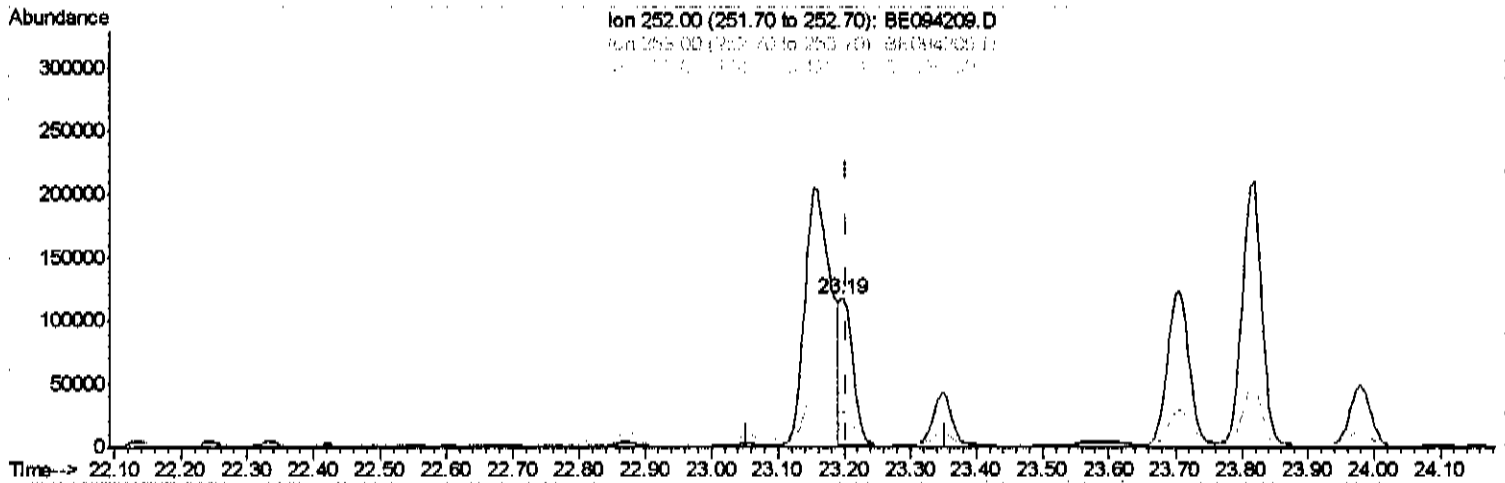
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094209.D
 Acq On : 7 Oct 2017 19:08
 Operator : SJ/JU
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 ALS Vial : 14 Sample Multiplier: 1

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(22) Benzo(k)fluoranthene

23.195min (-0.009) 8.32ng/ul m

response 157249

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.31#
125.00	17.10	18.73
0.00	0.00	0.00

Jul 10/9/17

Quantitation Report (Qedit)

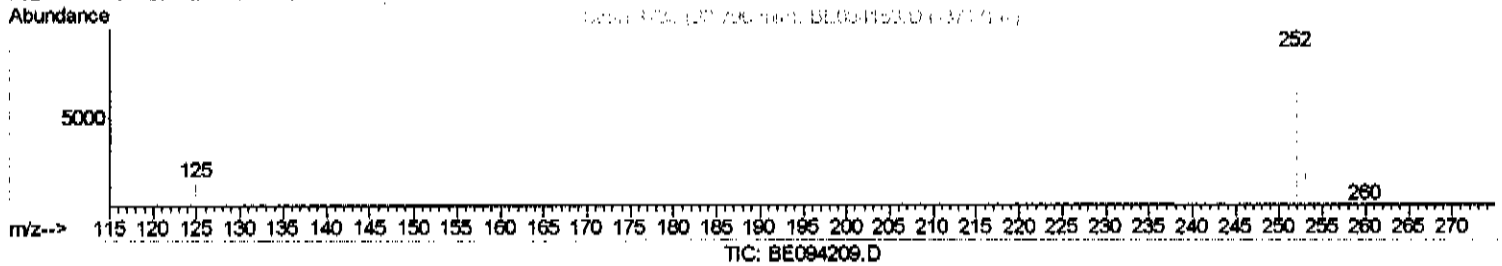
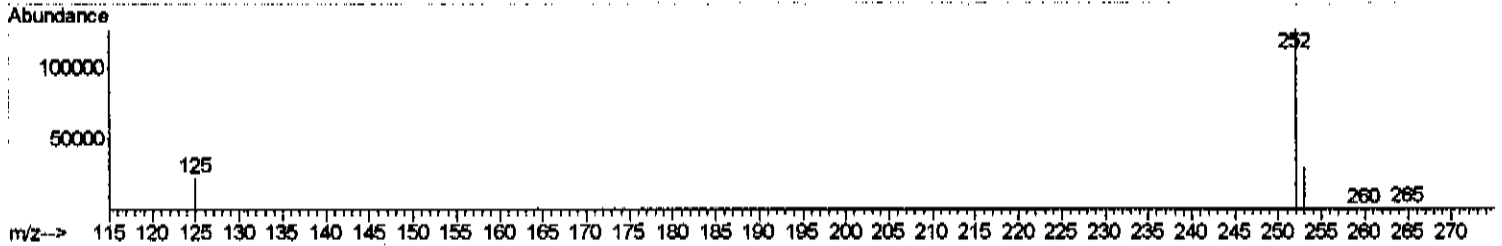
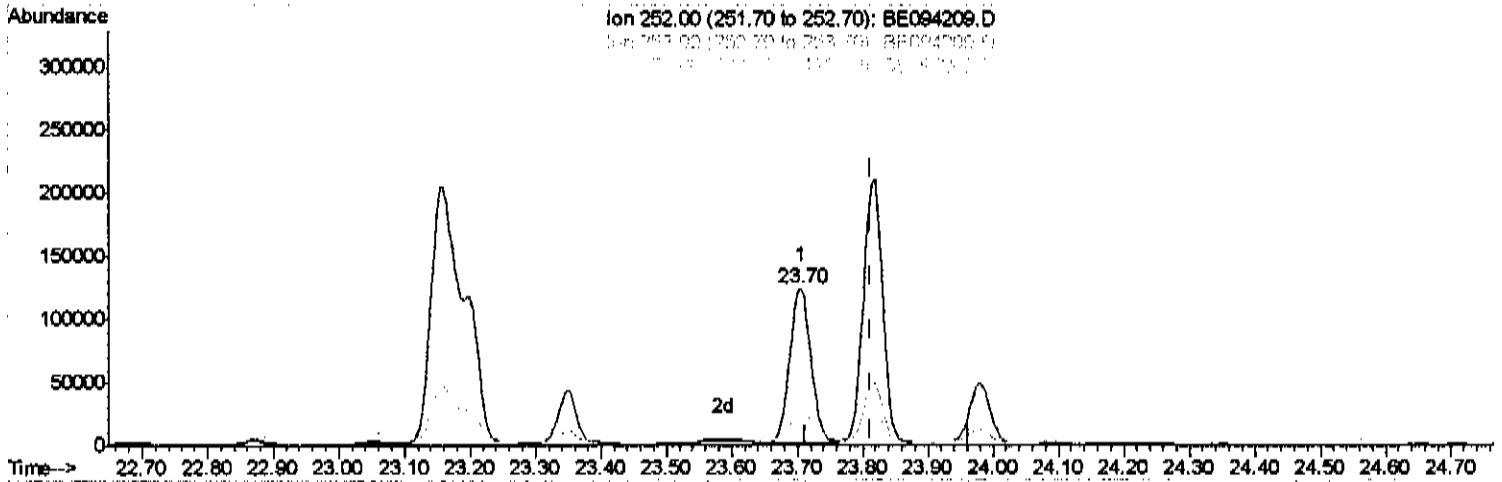
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094209.D
 Acq On : 7 Oct 2017 19:08
 Operator : SJ/JU
 Sample : I5449-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B-60(0-1)-092617

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:53:05 PM

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(23) Benzo(a)pyrene (C)

23.705min (-0.109) 12.39ng/ui

response 277266

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.52#
125.00	22.60	18.62
0.00	0.00	0.00

Quantitation Report (Qedit)

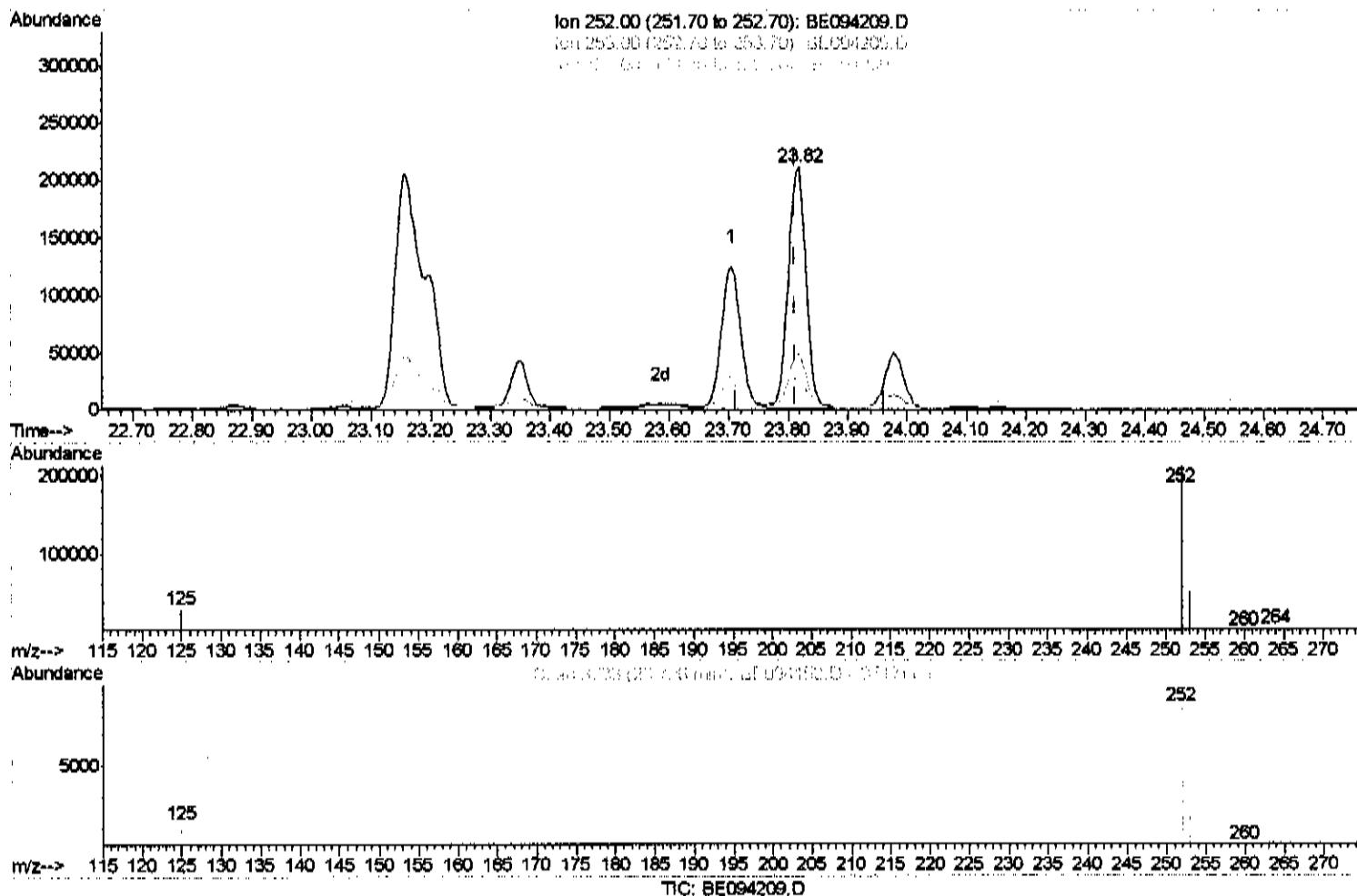
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094209.D
 Acq On : 7 Oct 2017 19:08
 Operator : SJ/JU
 Sample : I5449-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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(23) Benzo(a)pyrene (C)

23.819min (+0.005) 19.42ng/ul m

response 434457

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.53%
125.00	22.60	13.23%
0.00	0.00	0.00

Handwritten signature: ju10/9/17

Quantitation Report (Qedit)

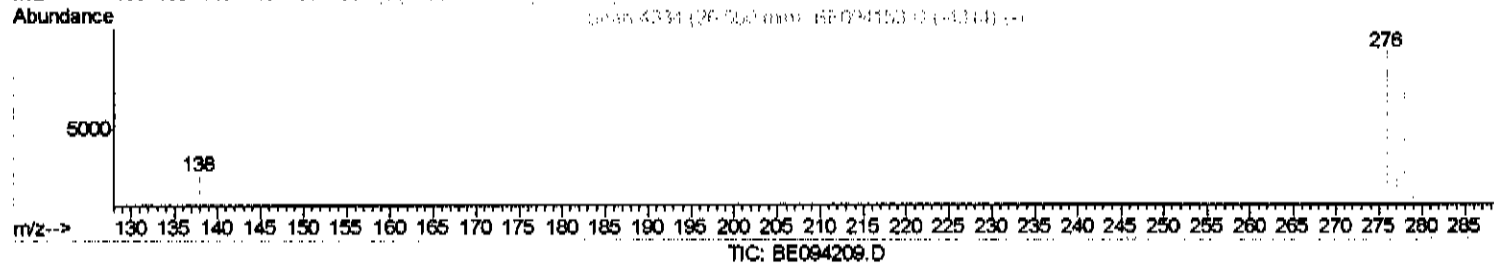
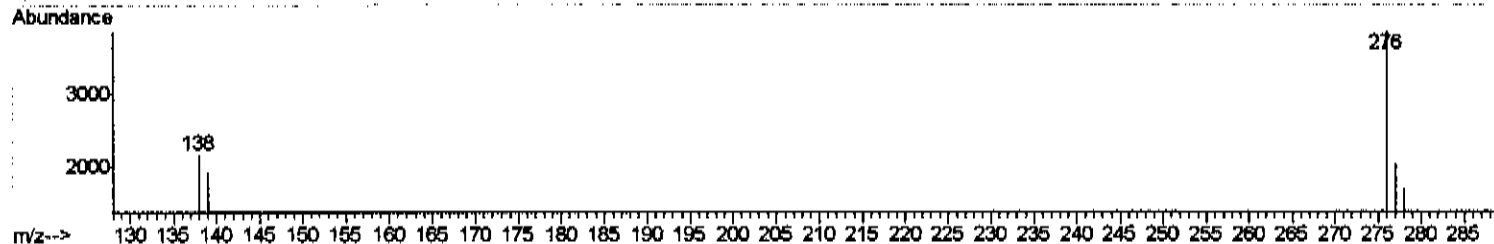
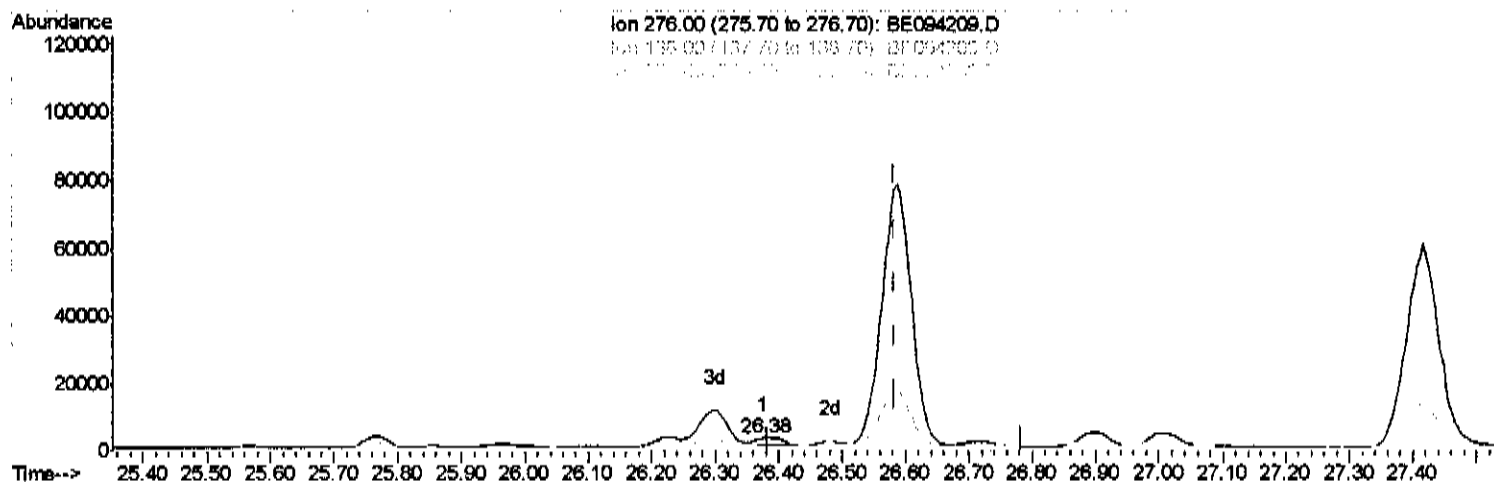
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
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(24) Indeno(1,2,3-cd)pyrene

26.377min (-0.206) 0.30ng/ul

response 6807

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	30.64
227.00	10.00	0.00%
0.00	0.00	0.00

Quantitation Report (Qedit)

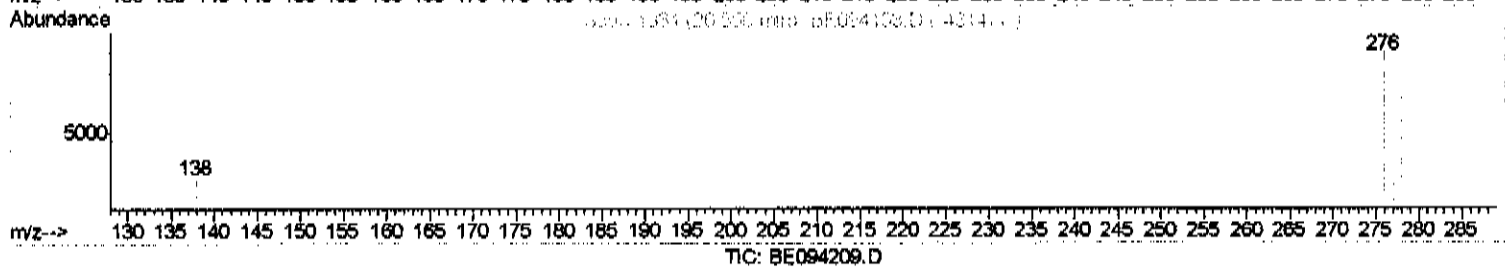
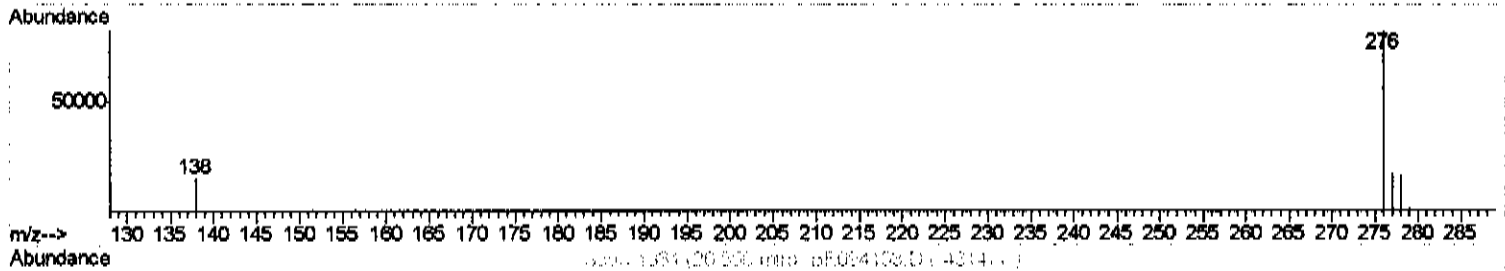
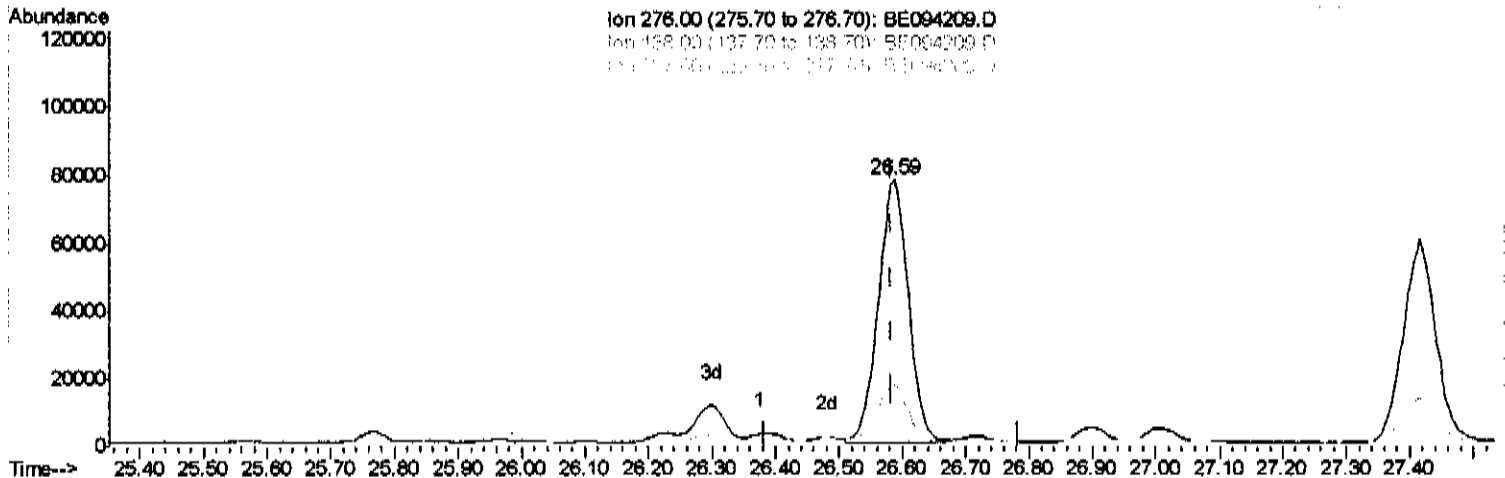
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094209.D
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(24) Indeno(1,2,3-cd)pyrene

26.586min (+0.003) 11.22ng/ul m

response 256811

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.81#
227.00	10.00	0.00#
0.00	0.00	0.00

SJ 10/9/17

Quantitation Report (Qedit)

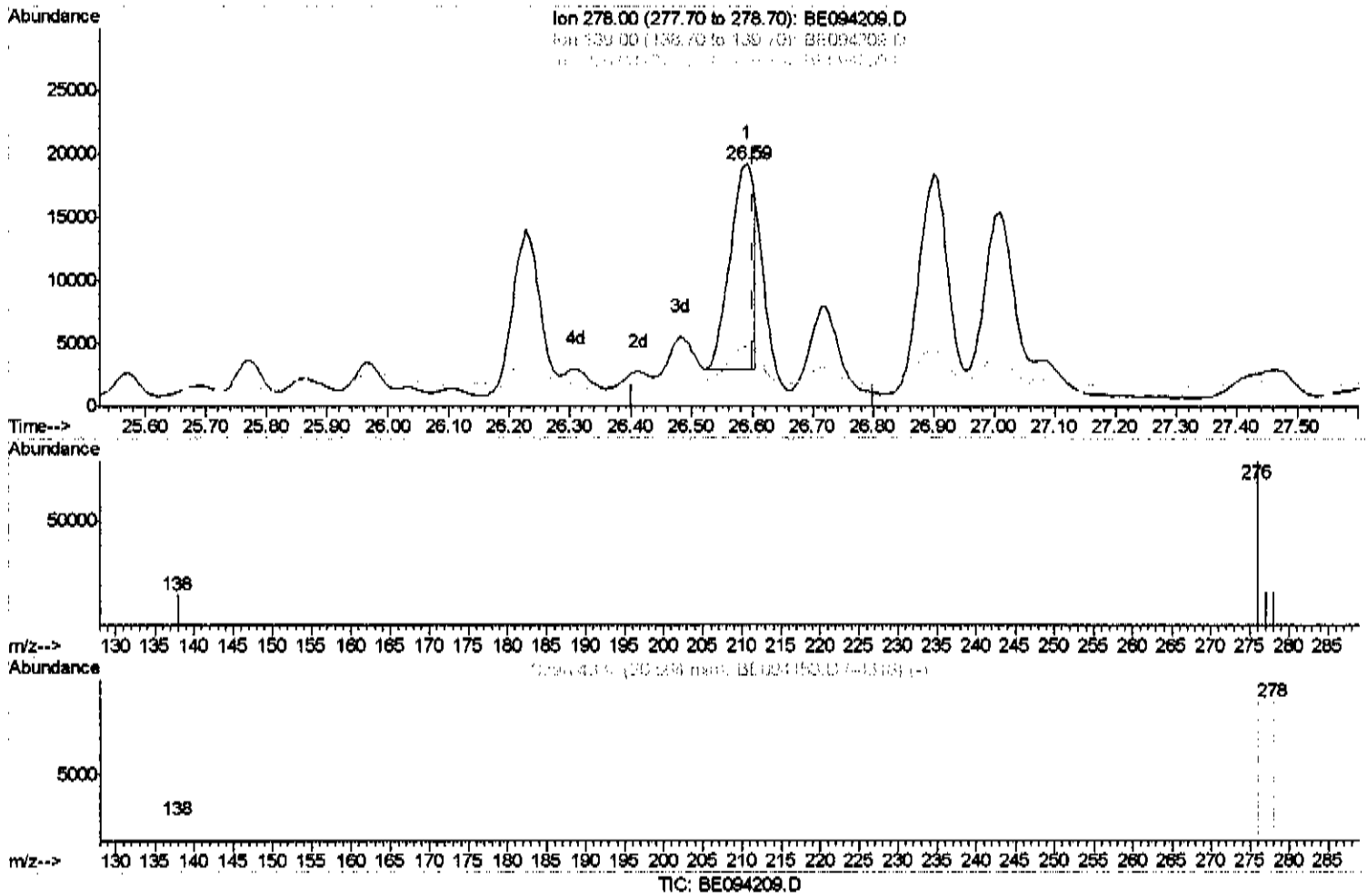
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(25) Dibenzo(a,h)anthracene

26.591min (-0.010) 2.35ng/ul

response 45130

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	24.96
279.00	32.40	29.77
0.00	0.00	0.00

Quantitation Report (Qedit)

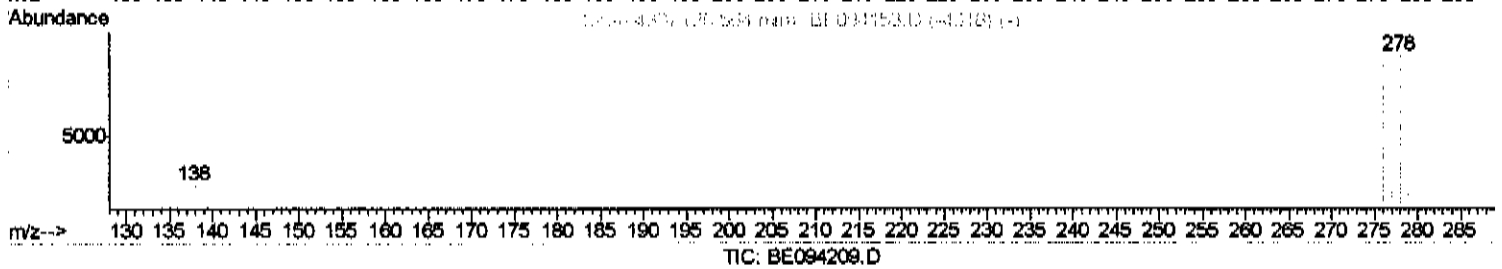
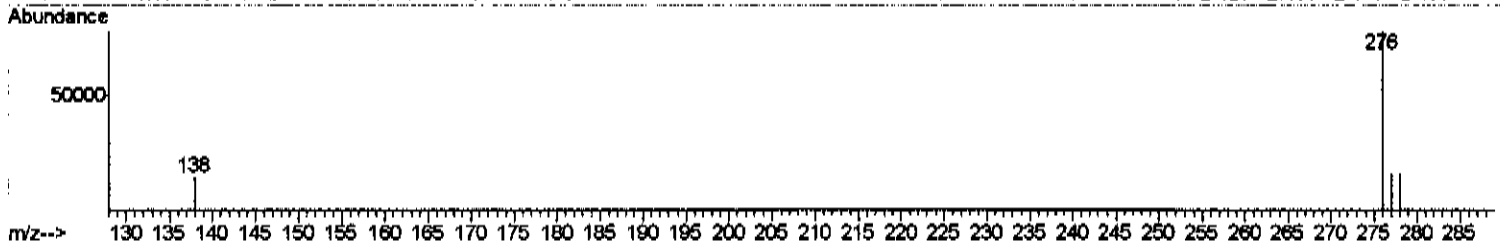
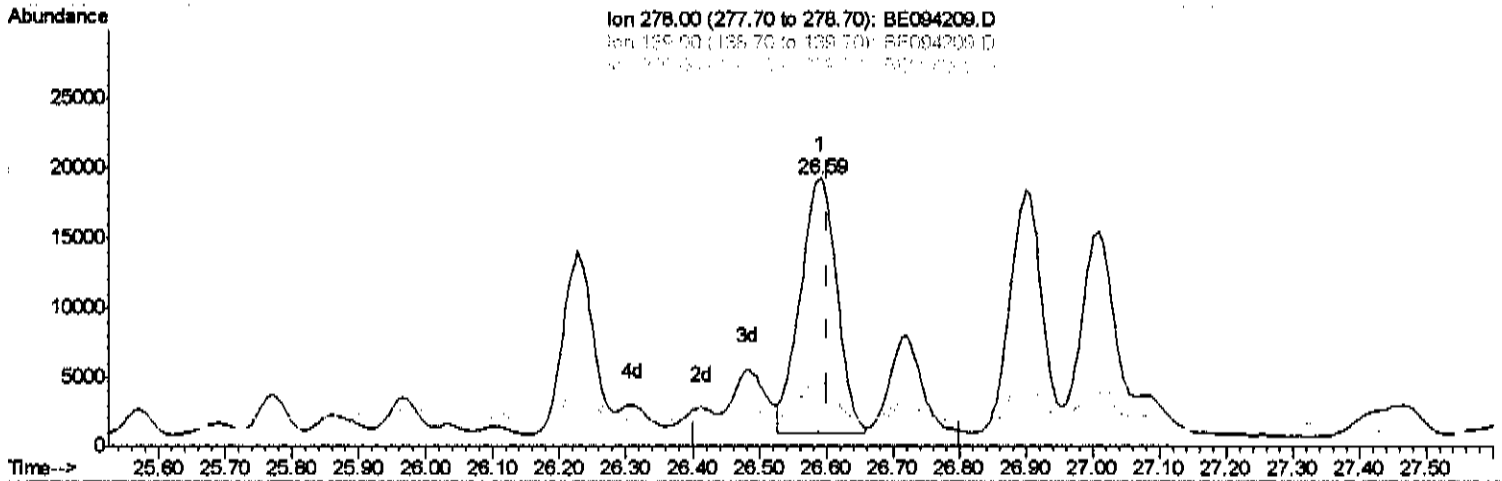
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094209.D
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(25) Dibenzo(a,h)anthracene

26.591min (-0.010) 3.66ng/ul m

ju 10/9/17

response 70259

Ion	Exp%	Act%
278.00	100	100
138.00	21.70	24.96
279.00	32.40	29.77
0.00	0.00	0.00

Quantitation Report (Qedit)

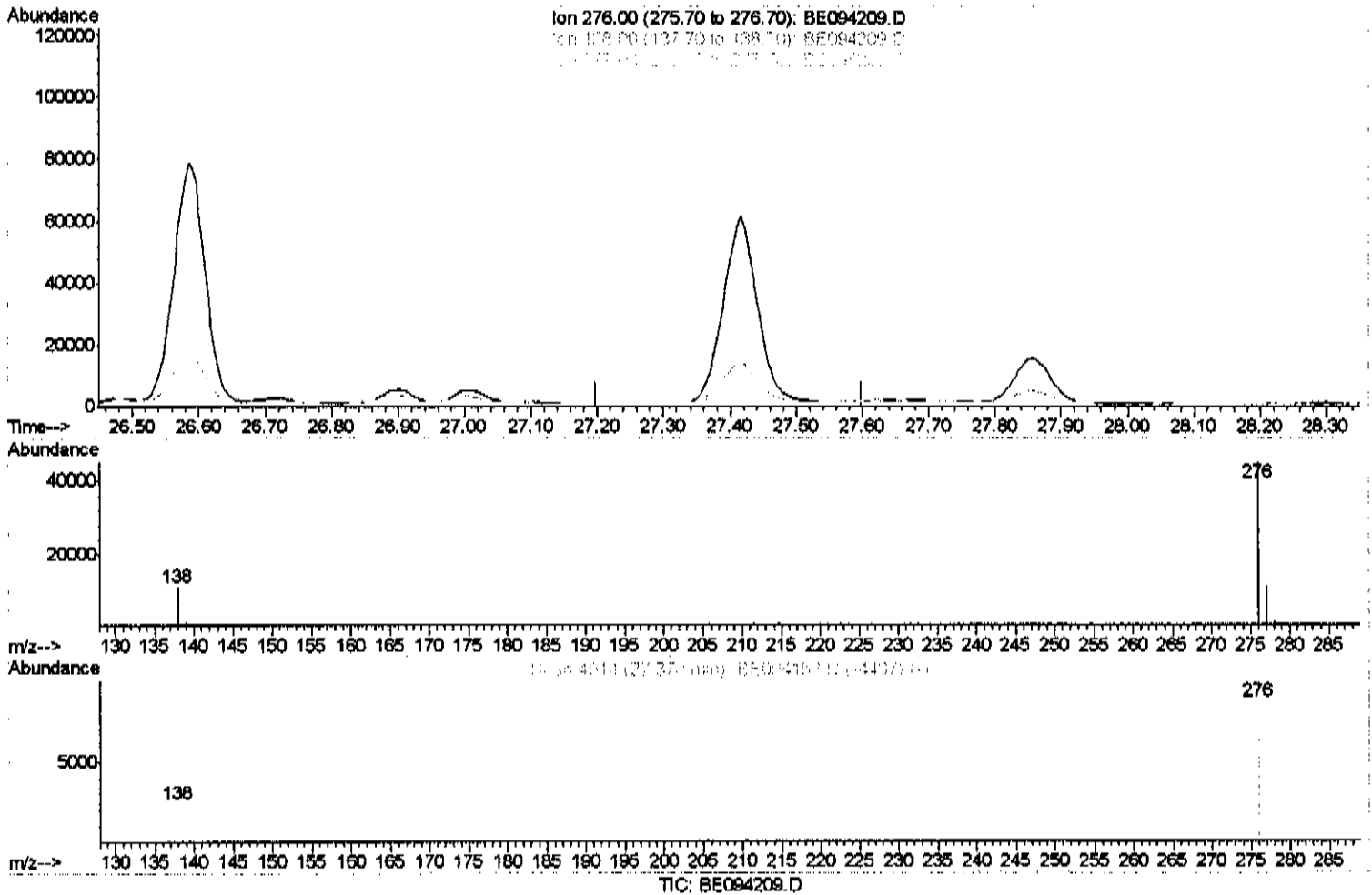
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



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

27.399min (-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)

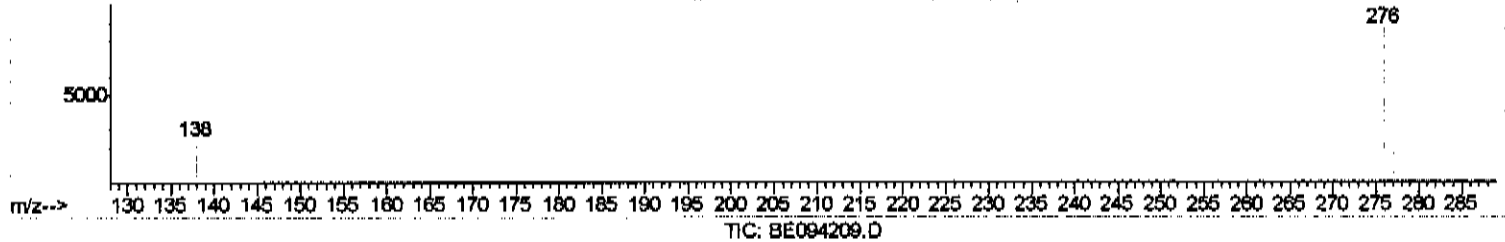
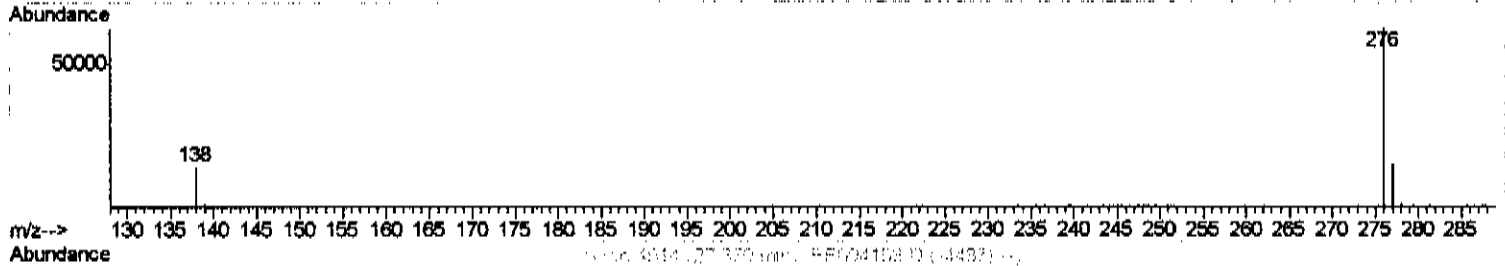
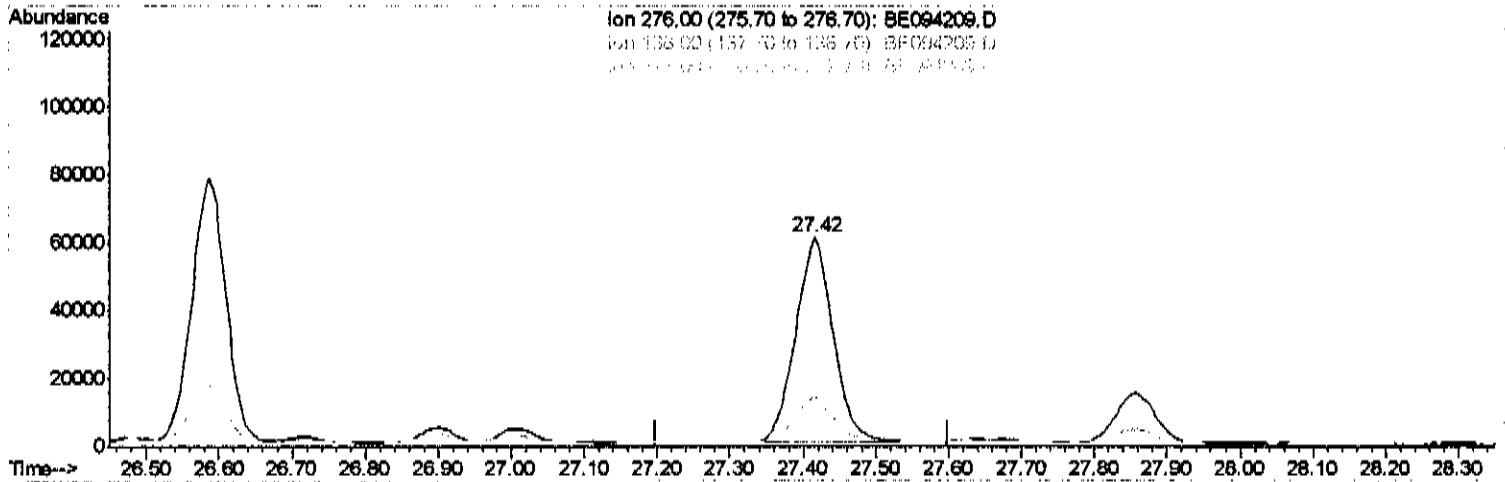
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094209.D
 Acq On : 7 Oct 2017 19:08
 Operator : SJ/JU
 Sample : I5449-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-60(0-1)-092617

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:53:05 PM

Quant Time: Oct 08 03:40:35 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

27.416min (+0.017) 11.14ng/ul m *juco/9/17*

response 219844

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	23.97
277.00	25.60	25.01
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampleId :
B-60(0-1)-092617

Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
Data File : BE094209.D
Acq On : 7 Oct 2017 19:08
Operator : SJ/JU
Sample : I5449-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
10/9/2017 6:53:05 PM

Quant Time: Oct 08 03:44:35 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	1327	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7121	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4363	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	8675m	0.40	ng/ul	-0.04
16) Chrysene-d12	21.41	240	8610	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	7925m	0.40	ng/ul	>0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	3116	0.28	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	6774	0.23	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.74	128	27904	1.600	ng/ul#	91
5) 2-Methylnaphthalene	12.34	142	10274	0.908	ng/ul	98
7) Acenaphthylene	14.24	152	10603	0.623	ng/ul	99
8) Acenaphthene	14.57	153	33739	2.409	ng/ul	97
9) Fluorene	15.56	166	41308	2.519	ng/ul	92
12) Phenanthrene	17.29	178	800783	35.324	ng/ul#	92
13) Anthracene	17.38	178	211271	9.582	ng/ul#	91
15) Fluoranthene	19.30	202	1052937	35.349	ng/ul	84
17) Pyrene	19.66	202	1036775	43.278	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	549219	24.045	ng/ul#	87
19) Chrysene	21.45	228	507821	19.252	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	565202m	26.254	ng/ul	} 22 10/9/17
22) Benzo(k)fluoranthene	23.19	252	157249m	6.319	ng/ul	
23) Benzo(a)pyrene	23.82	252	434457m	19.421	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.59	276	256811m	11.222	ng/ul	
25) Dibenzo(a,h)anthracene	26.59	278	70259m	3.660	ng/ul	
26) Benzo(g,h,i)perylene	27.42	276	219844m	11.137	ng/ul	

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