

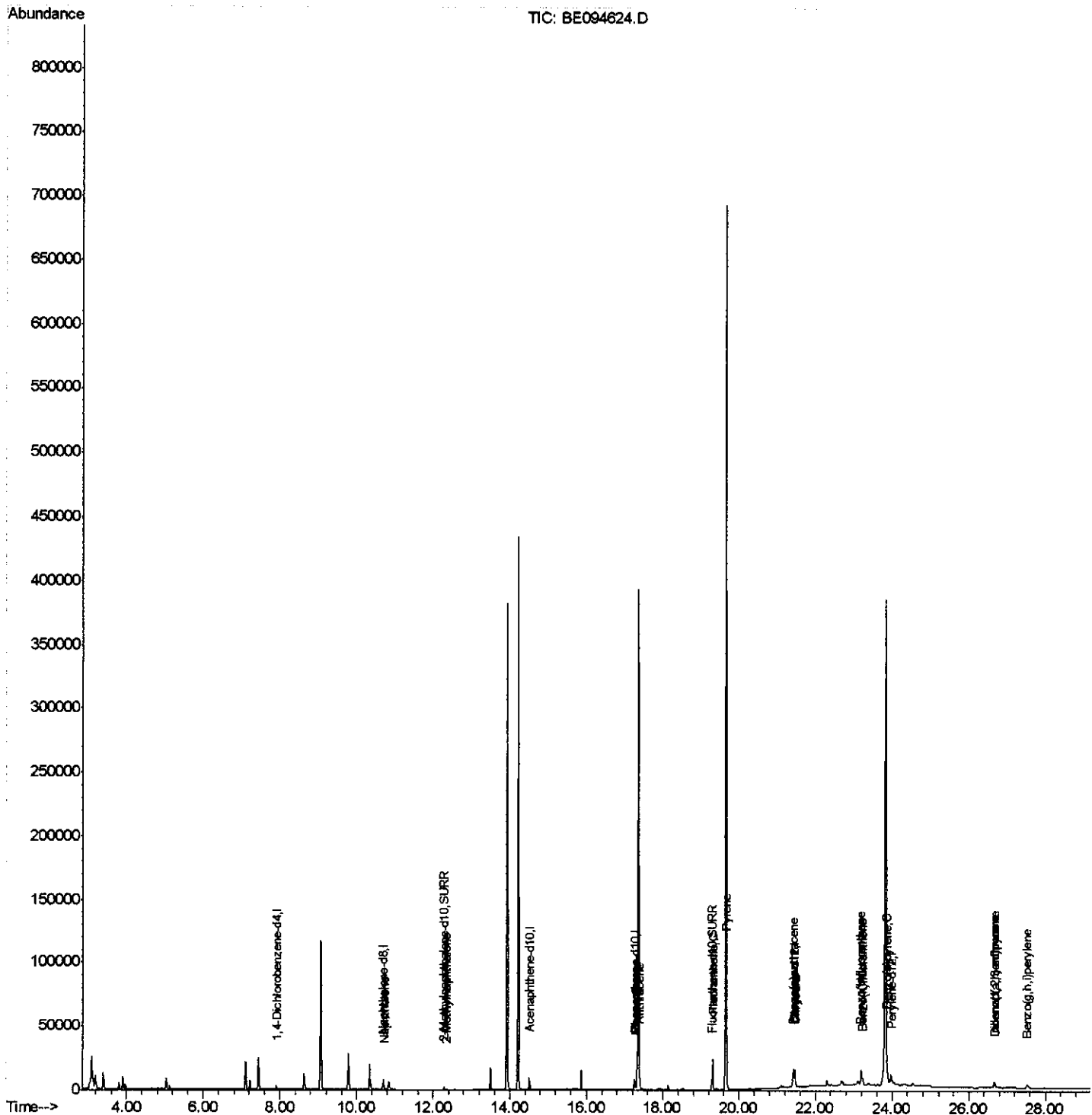
Instrument :
BNA_E
ClientSampleId :
C0AA2

Manual Integrations

Sohil
10/30/2017 6:40:06 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094624.D
Acq On : 28 Oct 2017 15:53
Operator : SJ/JU
Sample : I5842-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 30 04:05:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

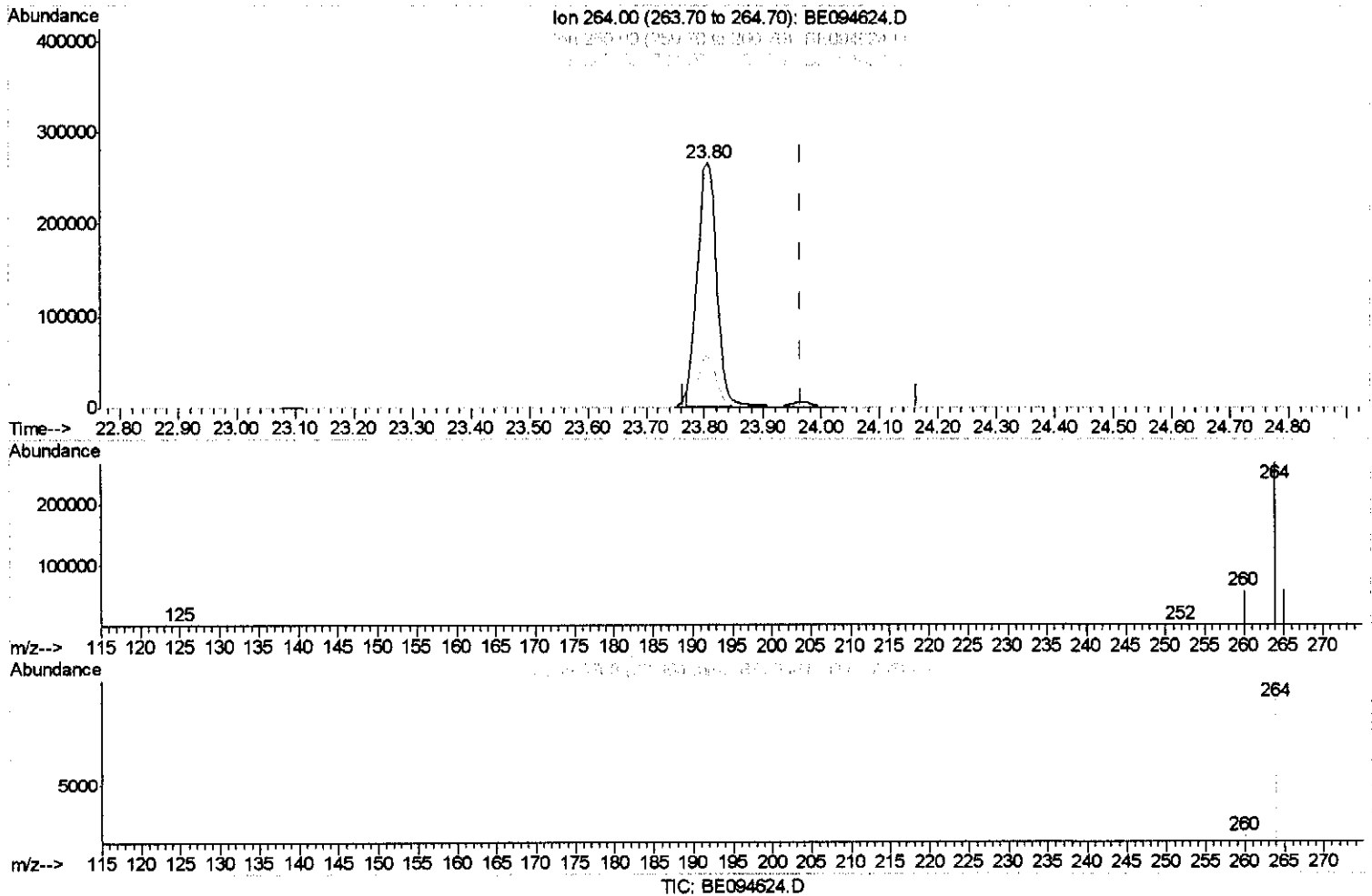
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094624.D
 Acq On : 28 Oct 2017 15:53
 Operator : SJ/JU
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Instrument :
 BNA_E
 ClientSampleId :
 C0AA2

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:06 PM

Quant Time: Oct 30 02:58:42 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.804min (-0.160) 0.40ng/ul

response 597679

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.14#
265.00	103.50	21.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

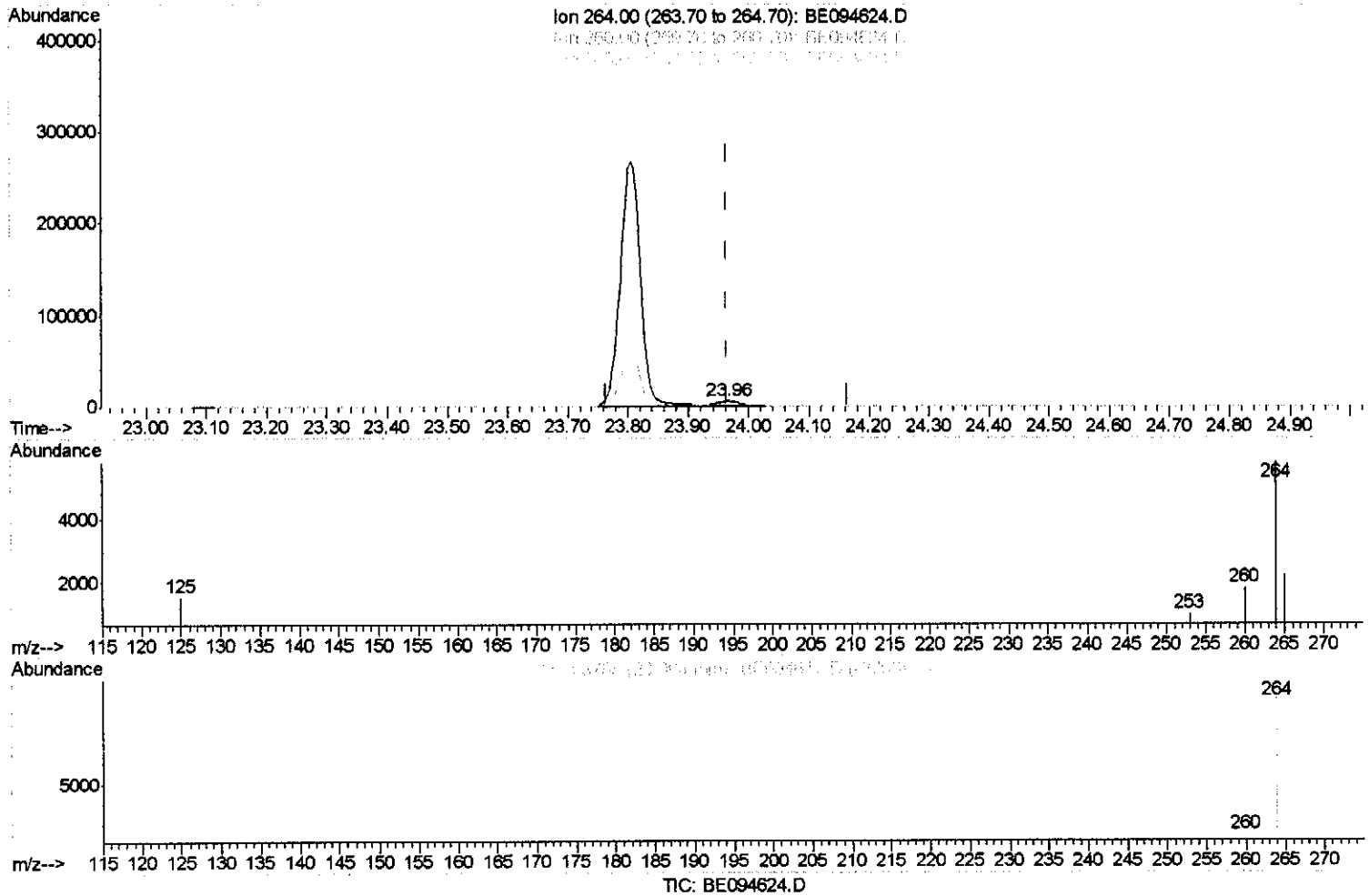
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094624.D
 Acq On : 28 Oct 2017 15:53
 Operator : SJ/JU
 Sample : I5842-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Sohil
 10/30/2017 6:40:06 PM

Quant Time: Oct 30 02:58:42 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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(20) Perylene-d12 (I)

23.964min (-0.001) 0.40ng/ul m

response 10881

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	30.96
265.00	103.50	38.05#
0.00	0.00	0.00

SJ 10/31/17

Quantitation Report (Qedit)

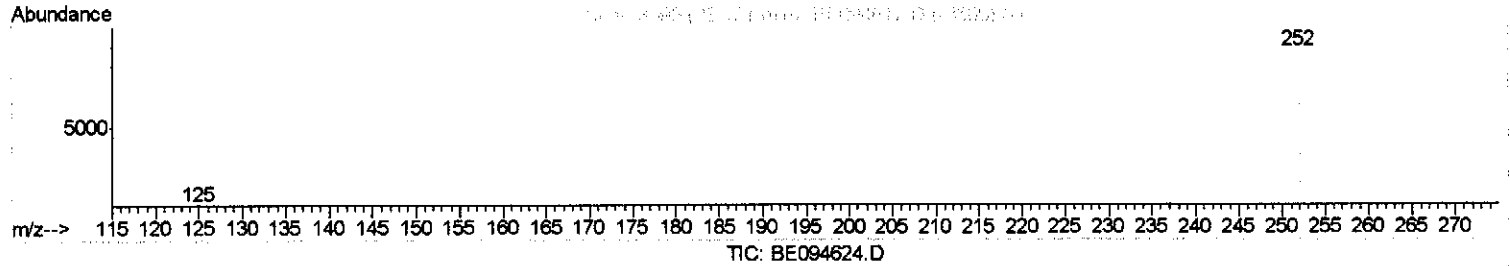
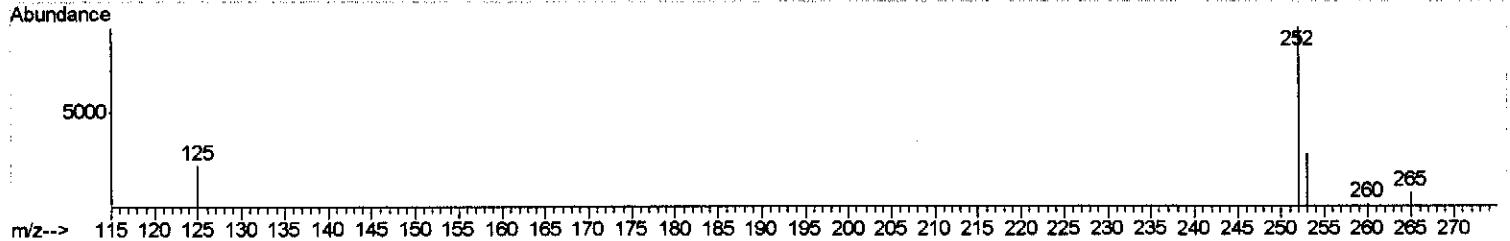
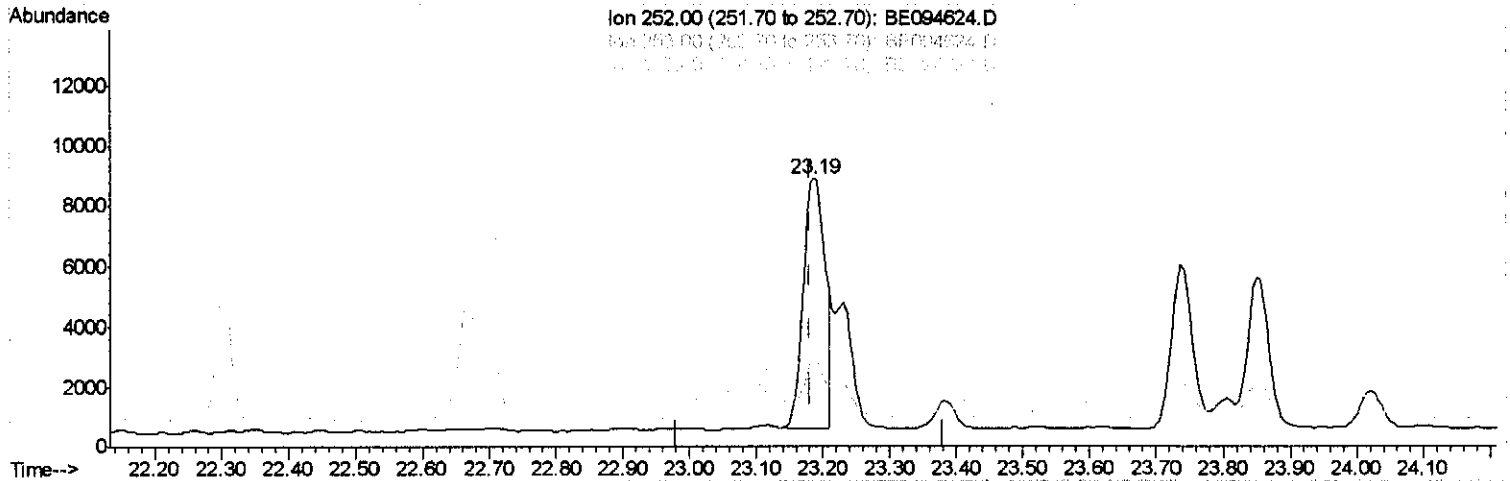
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094624.D
 Acq On : 28 Oct 2017 15:53
 Operator : SJ/JU
 Sample : I5842-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:06 PM

Quant Time: Oct 30 04:03:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 23.185min (+0.004) 0.61ng/ul
 response 18671

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	32.72
125.00	17.50	27.30
0.00	0.00	0.00

Quantitation Report (Qedit)

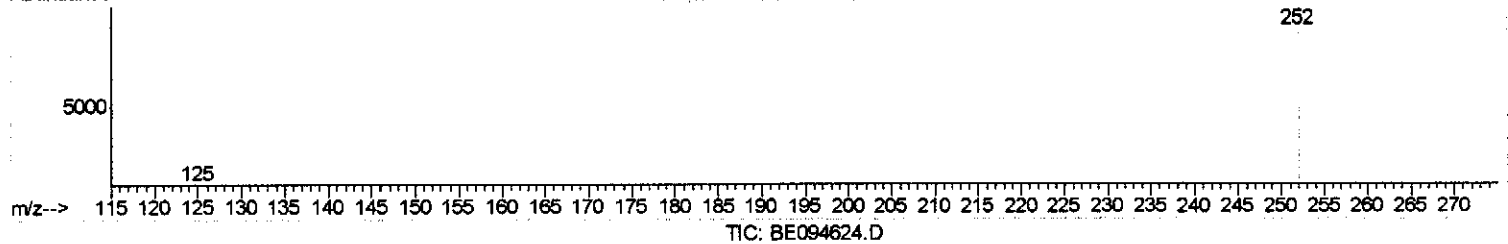
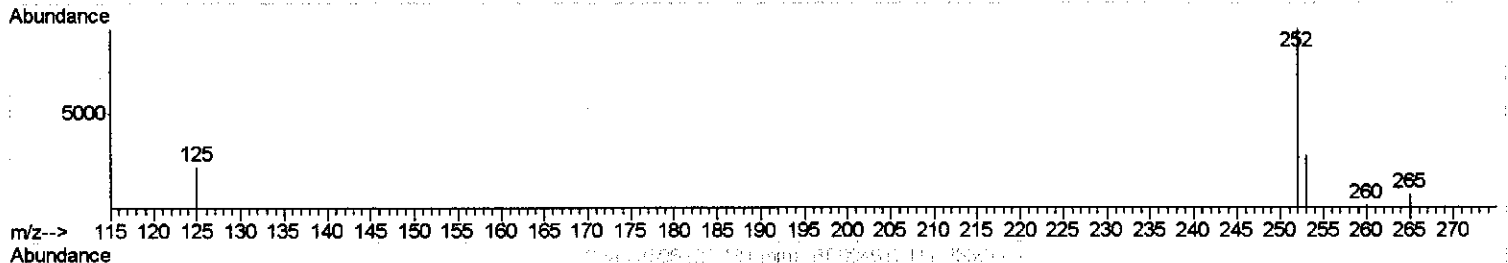
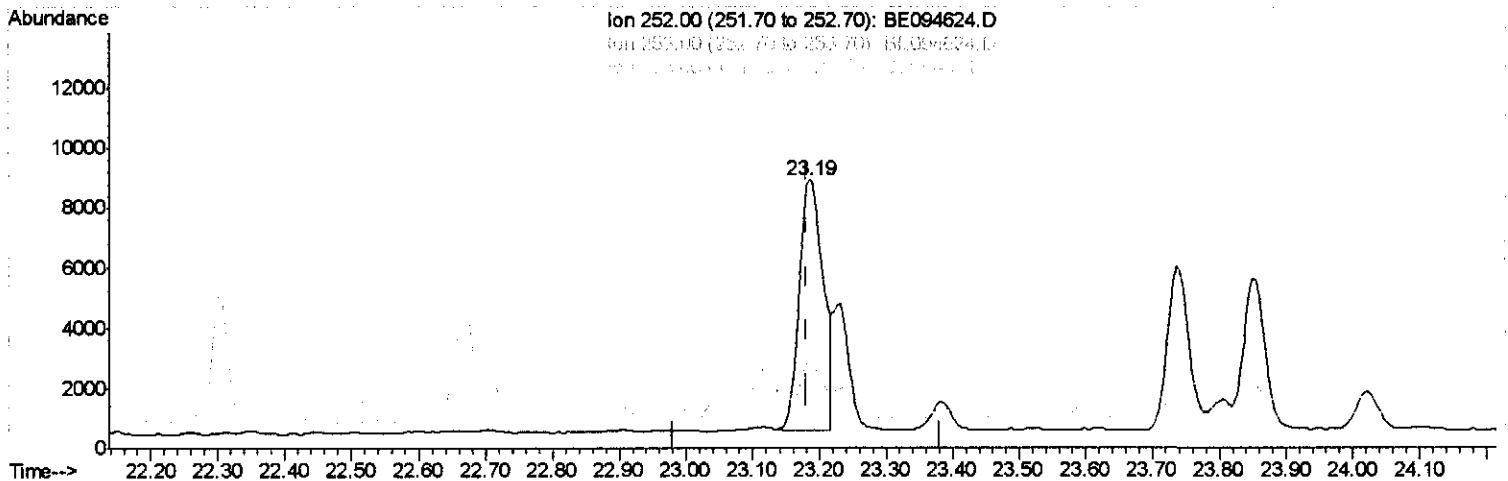
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094624.D
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 Sample : I5842-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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 10/30/2017 6:40:06 PM

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(21) Benzo(b)fluoranthene

23.185min (+0.004) 0.69ng/ul m JU 10/31/17

response 20989

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	32.72
125.00	17.50	27.30
0.00	0.00	0.00

Quantitation Report (Qedit)

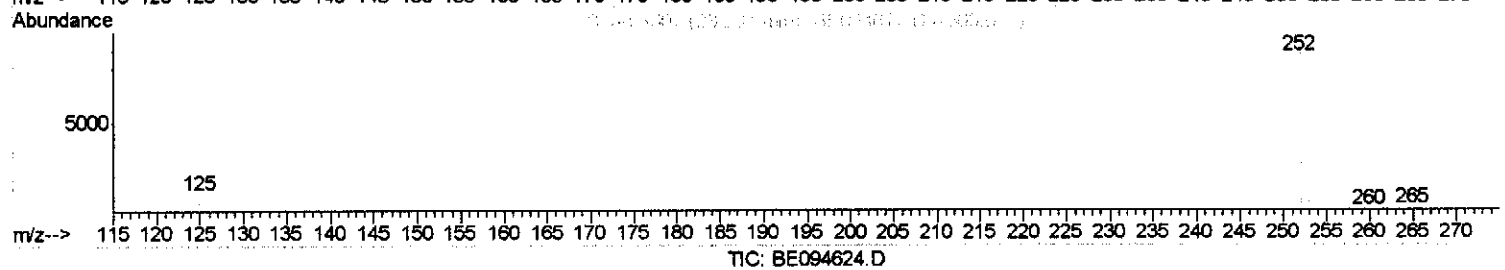
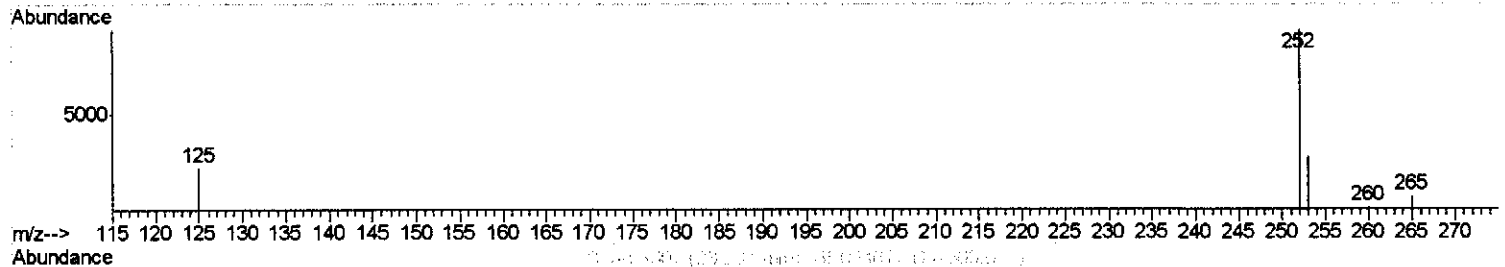
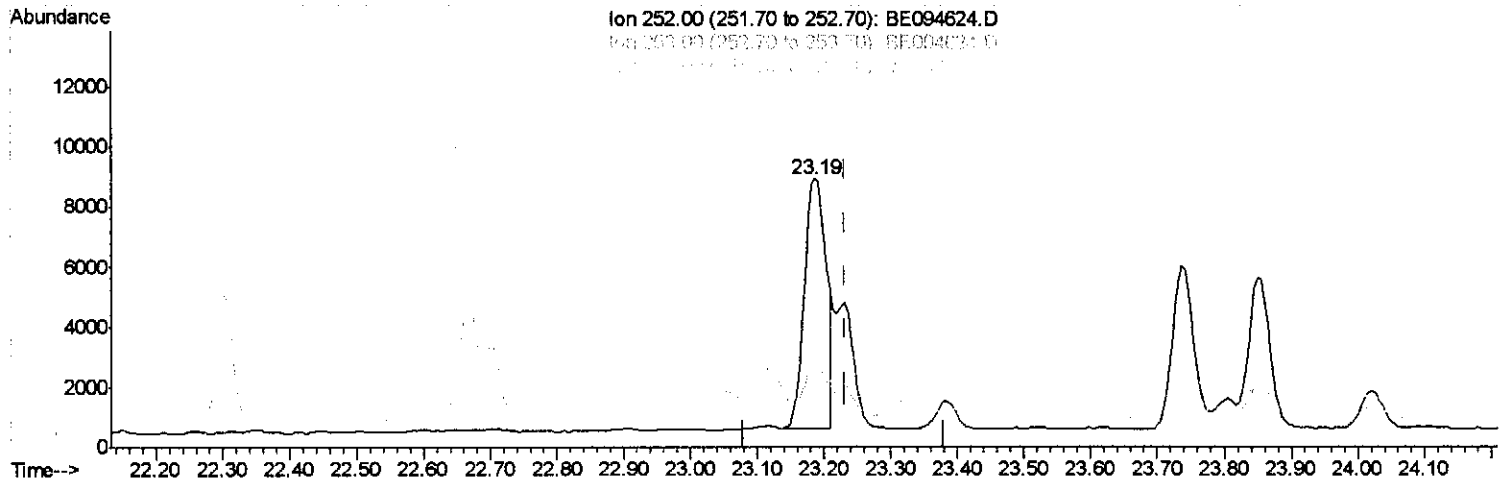
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094624.D
 Acq On : 28 Oct 2017 15:53
 Operator : SJ/JU
 Sample : I5842-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:06 PM

Quant Time: Oct 30 04:03:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(22) Benzo(k)fluoranthene

23.185min (-0.046) 0.57ng/ui

response 18671

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	32.72
125.00	17.10	27.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

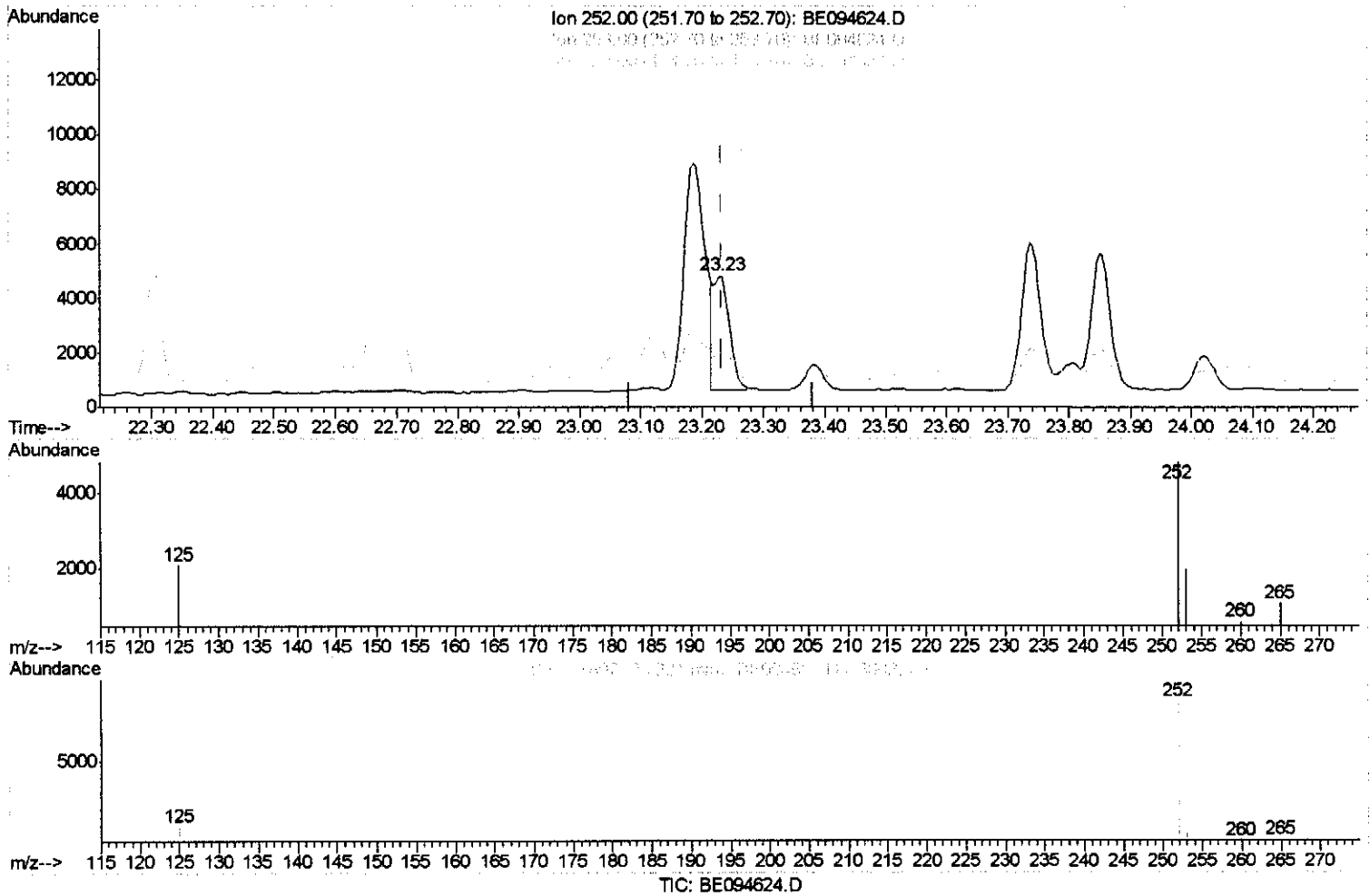
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094624.D
 Acq On : 28 Oct 2017 15:53
 Operator : SJ/JU
 Sample : I5842-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:06 PM

Quant Time: Oct 30 04:03:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.231min (-0.001) 0.24ng/ul m

10 10/31/17

response 7787

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	41.16#
125.00	17.10	43.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

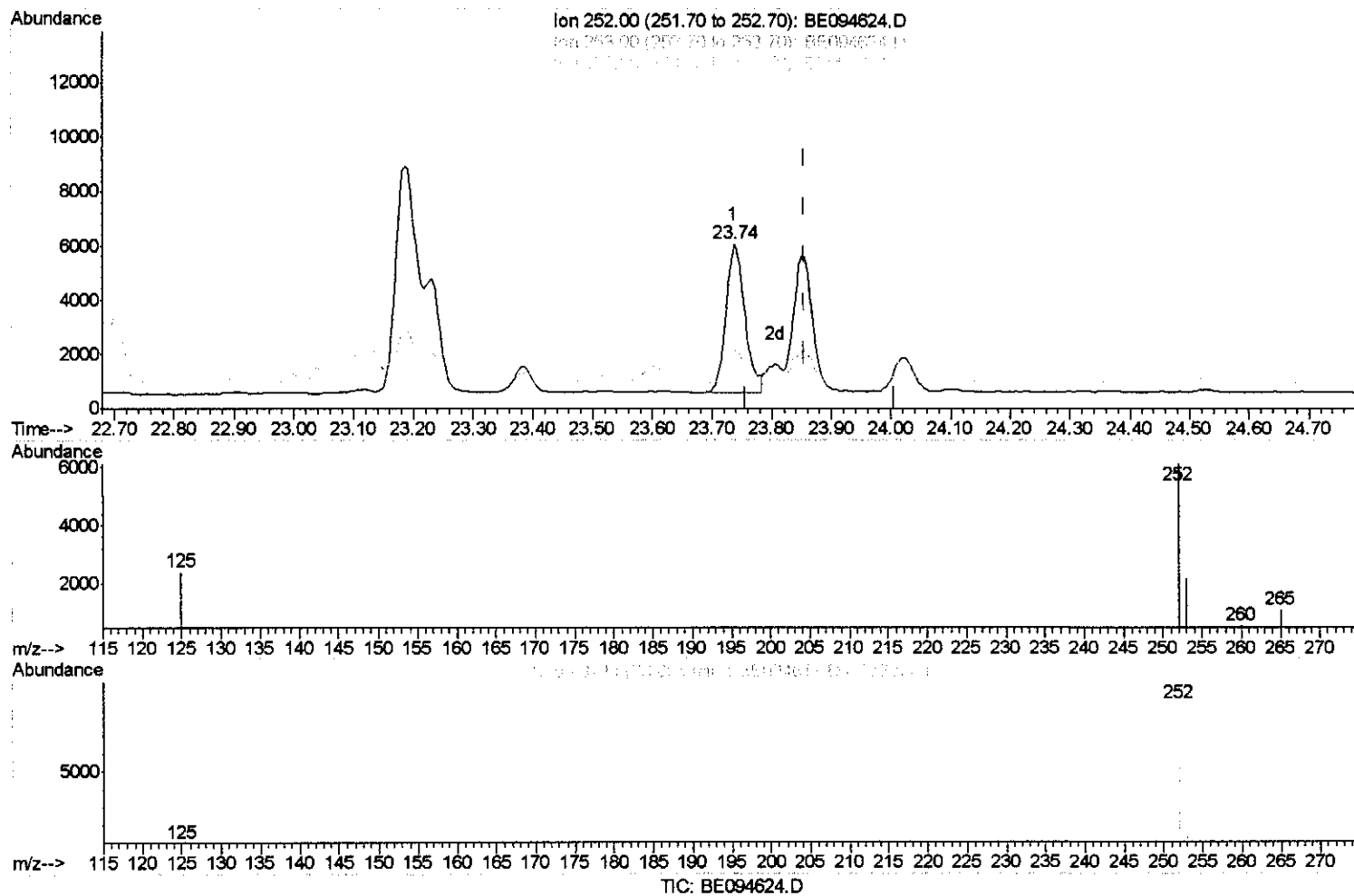
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094624.D
 Acq On : 28 Oct 2017 15:53
 Operator : SJ/JU
 Sample : I5842-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:06 PM

Quant Time: Oct 30 04:03:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.736min (-0.119) 0.40ng/ul

response 12346

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	35.22
125.00	22.60	39.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

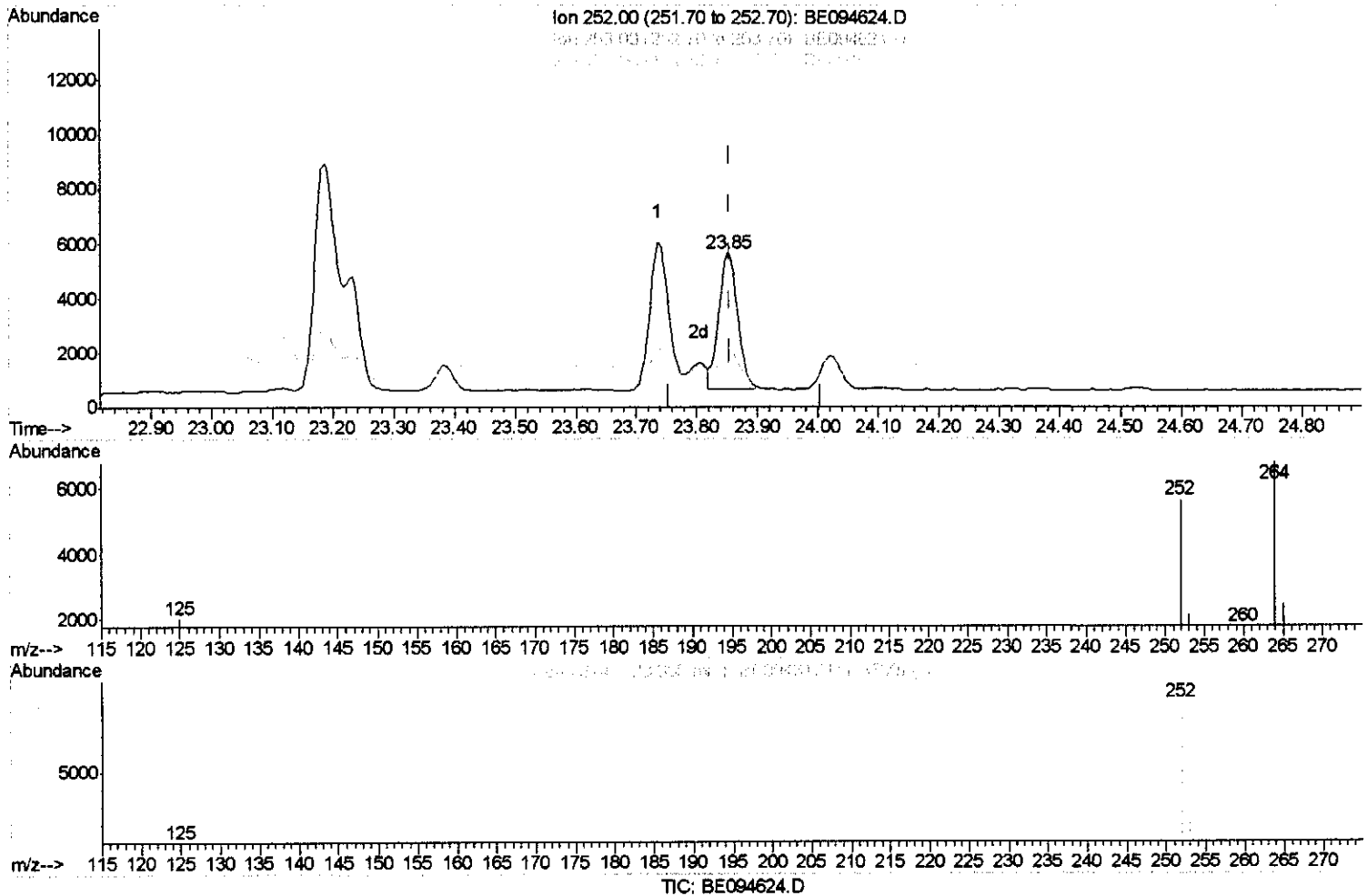
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094624.D
 Acq On : 28 Oct 2017 15:53
 Operator : SJ/JU
 Sample : I5842-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:06 PM

Quant Time: Oct 30 04:03:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.850min (-0.005) 0.36ng/ul m

Jo 10/31/17

response 10898

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	37.75
125.00	22.60	36.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

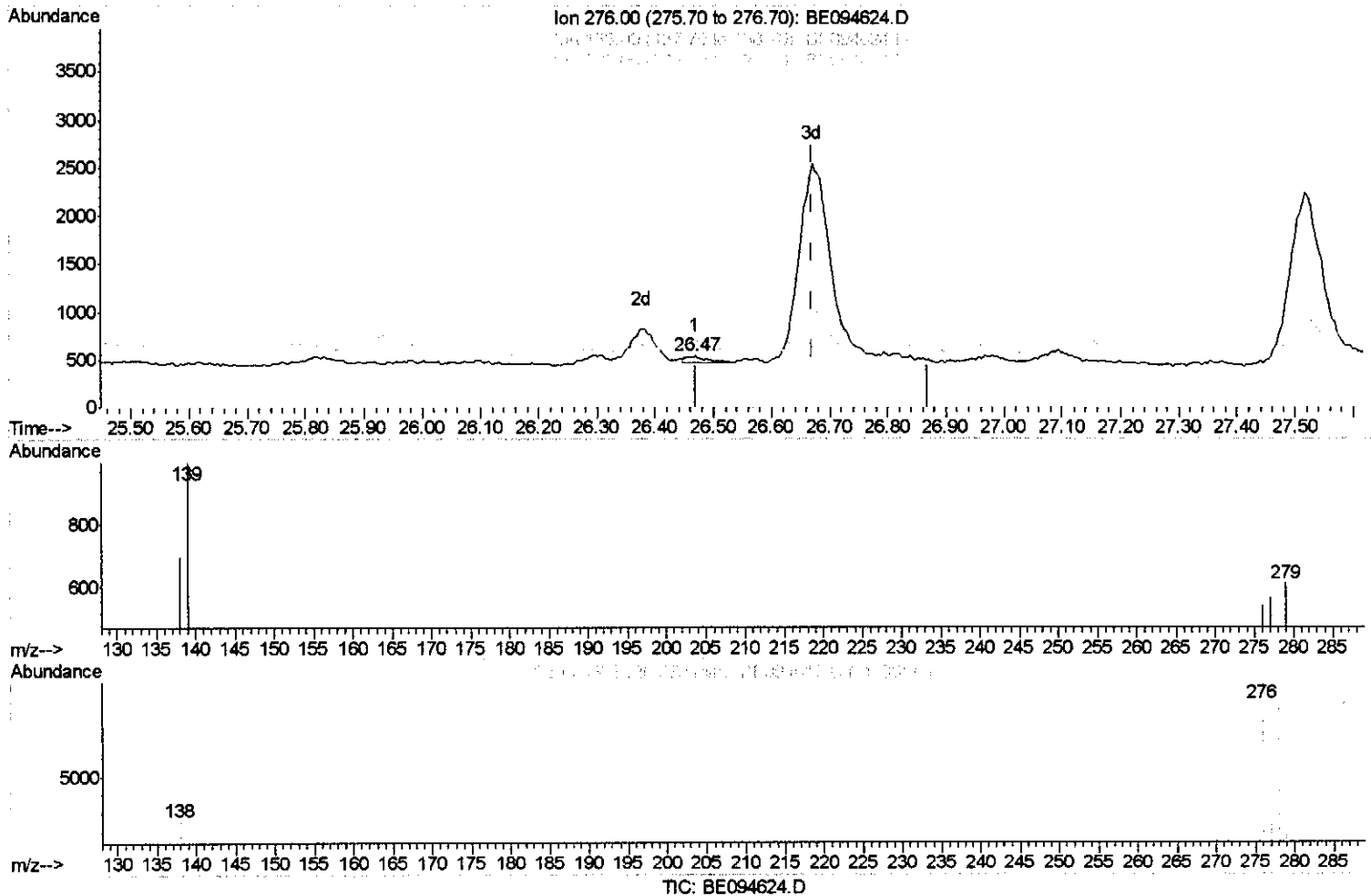
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094624.D
 Acq On : 28 Oct 2017 15:53
 Operator : SJ/JU
 Sample : I5842-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:06 PM

Quant Time: Oct 30 04:03:12 2017
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 Response via : Initial Calibration



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

26.469min (-0.200) 0.01ng/ul

response 161

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	284.47#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

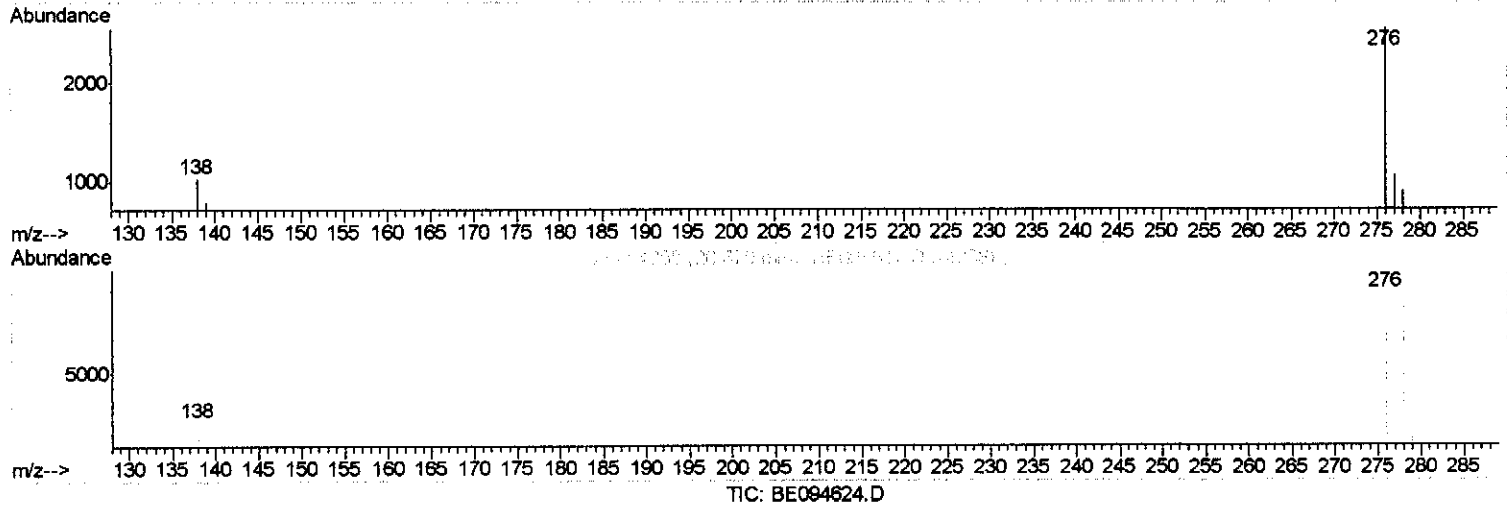
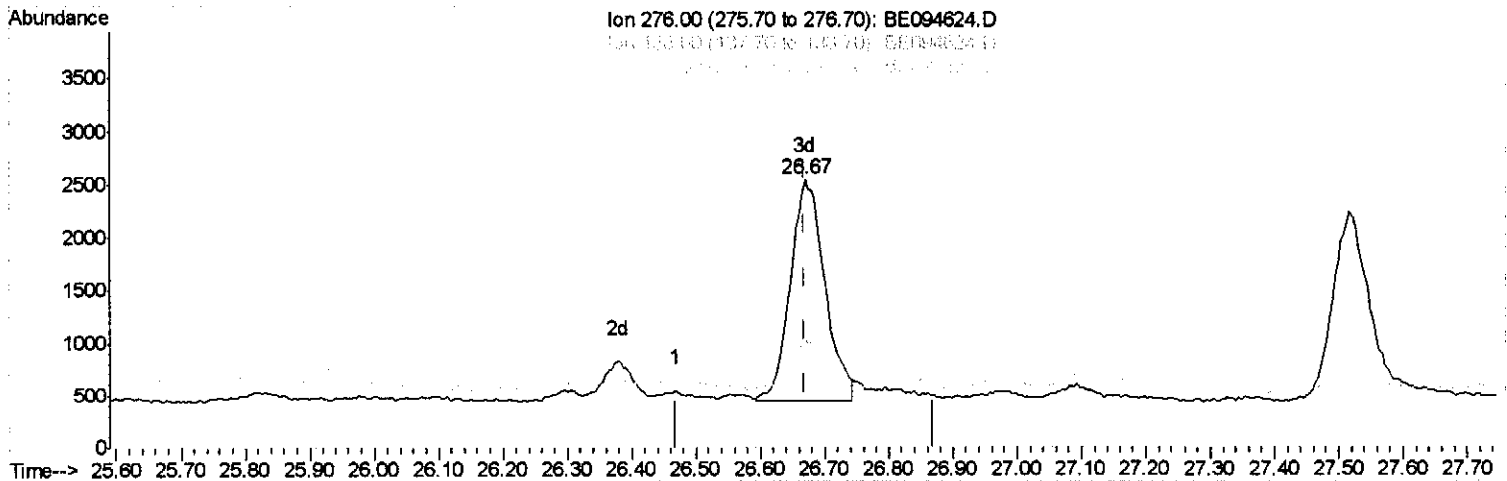
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094624.D
 Acq On : 28 Oct 2017 15:53
 Operator : SJ/JU
 Sample : I5842-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:06 PM

Quant Time: Oct 30 04:03:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration



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

26.670min (+0.000) 0.25ng/ul m

10/31/17

response 7864

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	5.82#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

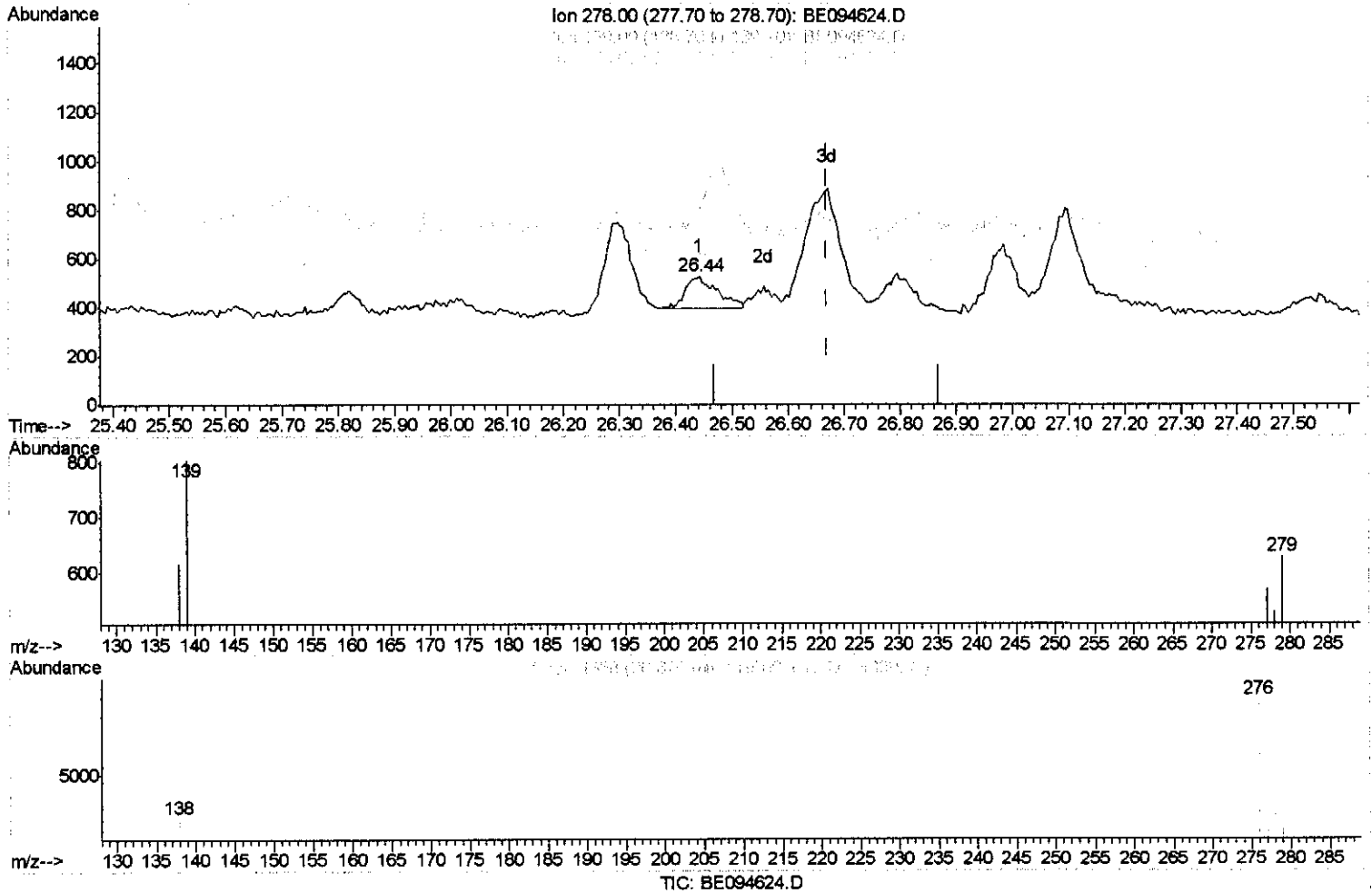
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094624.D
 Acq On : 28 Oct 2017 15:53
 Operator : SJ/JU
 Sample : I5842-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:06 PM

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(25) Dibenzo(a,h)anthracene

26.442min (-0.228) 0.02ng/ui

response 523

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	152.08#
279.00	32.40	118.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

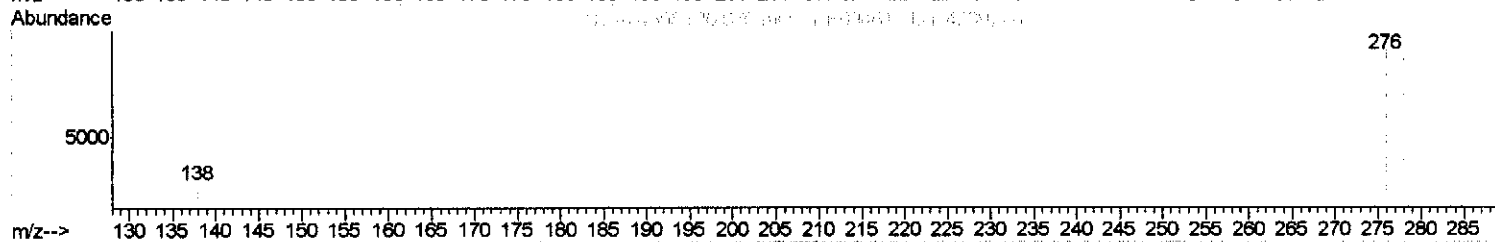
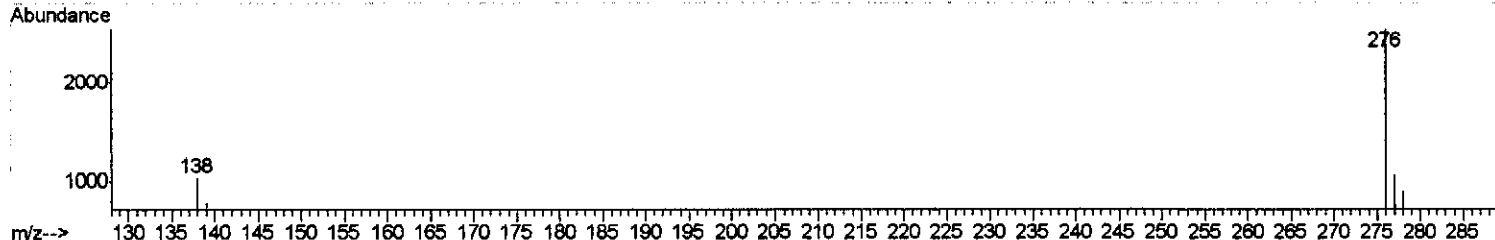
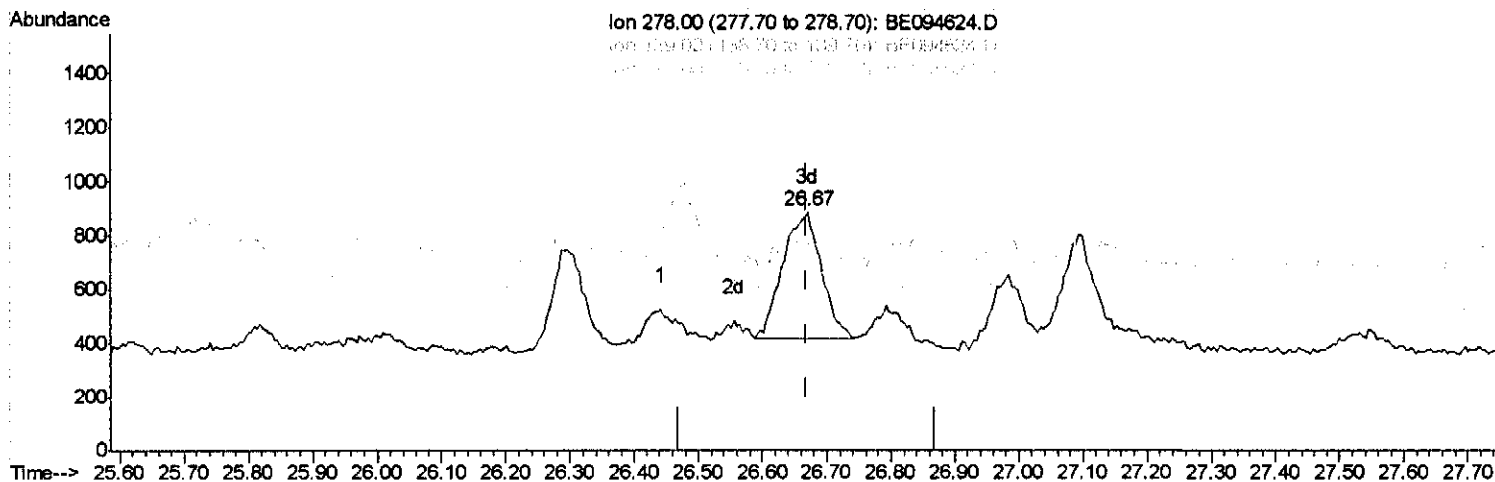
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094624.D
 Acq On : 28 Oct 2017 15:53
 Operator : SJ/JU
 Sample : I5842-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA2

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:40:06 PM

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 Response via : Initial Calibration



TIC: BE094624.D

(25) Dibenzo(a,h)anthracene

26.670min (+0.000) 0.07ng/ul m

JU 10/31/17

response 1951

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	87.23#
279.00	32.40	79.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

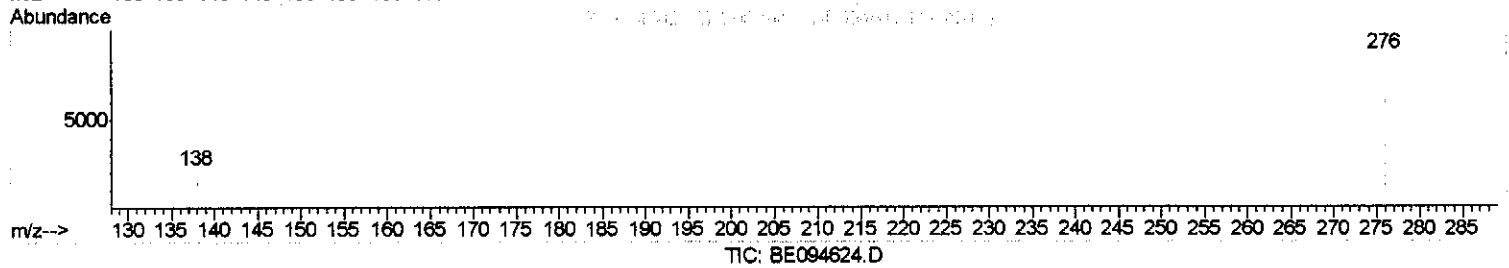
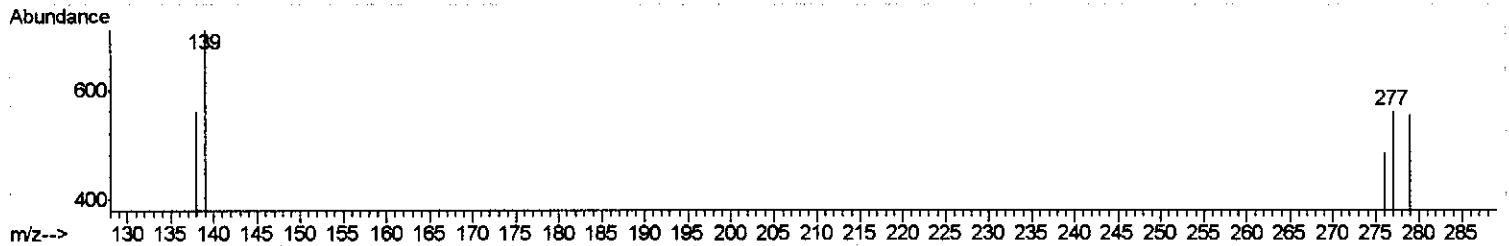
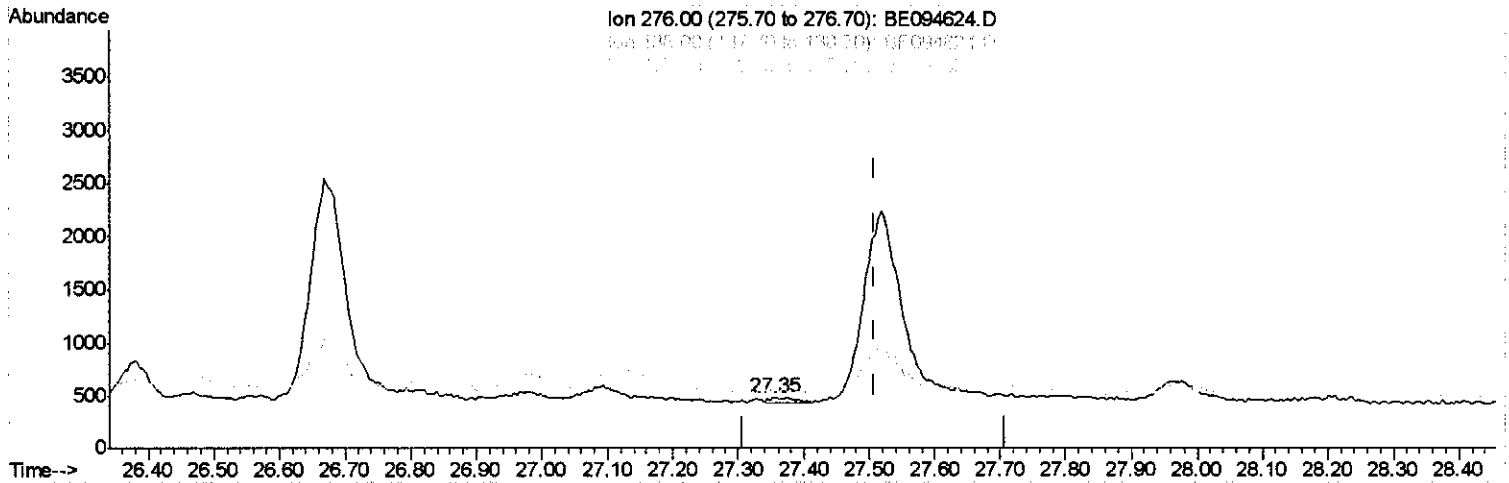
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 Data File : BE094624.D
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Manual Integrations
 APPROVED

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

27.353min (-0.155) 0.01ng/ul

response 130

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	116.36#
277.00	25.60	116.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

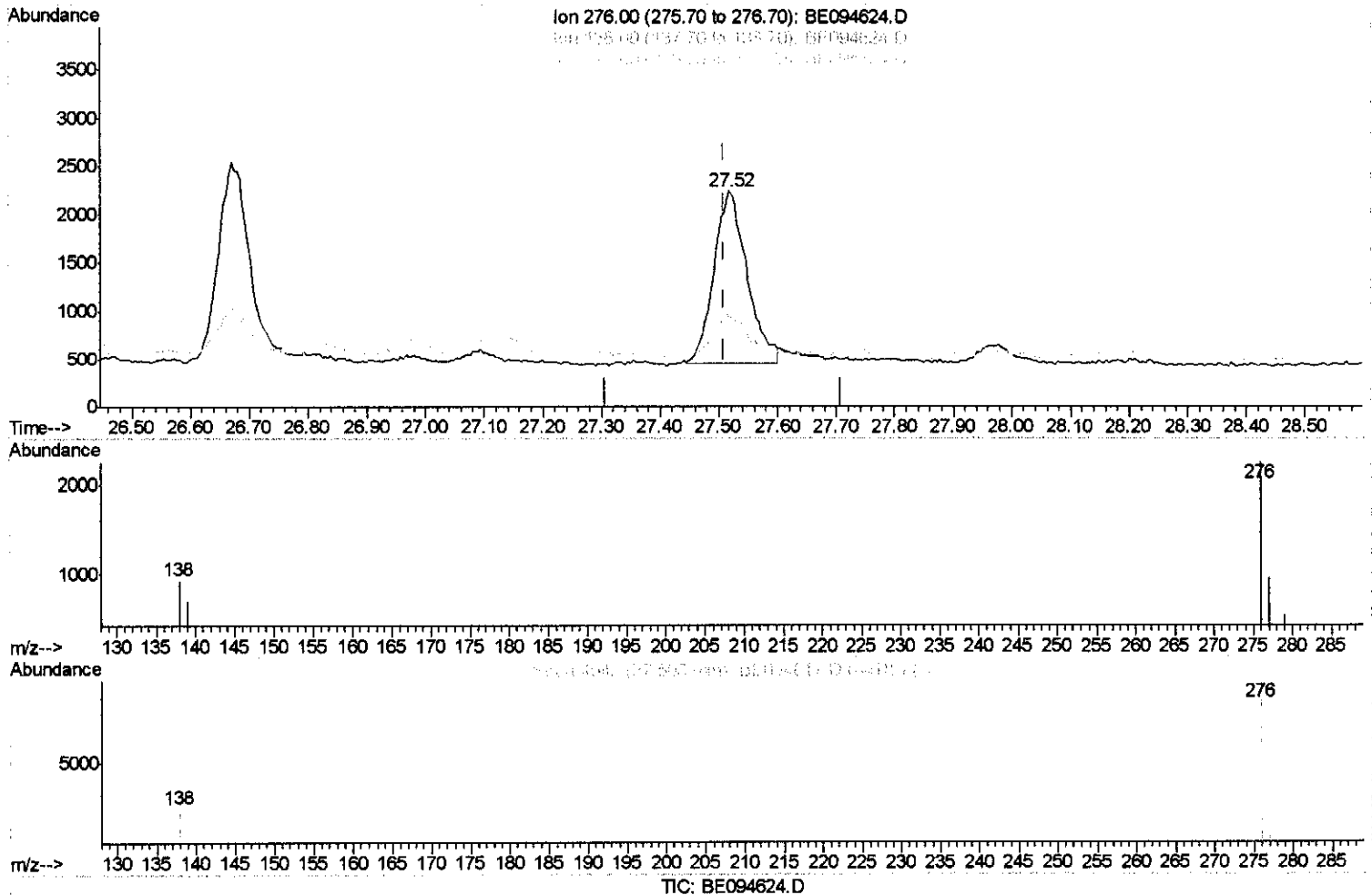
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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 ALS Vial : 27 Sample Multiplier: 1

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Manual Integrations
 APPROVED

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

27.517min (+0.009) 0.28ng/ul m

response 7041

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	41.73#
277.00	25.60	42.40#
0.00	0.00	0.00

JU 10/31/17

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampleId :
C0AA2

Manual Integrations
APPROVED

Sohil
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Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1591	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	9253	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5455	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11686	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11192	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10881m	0.40	ng/ul	0.00

10/31/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	3757	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	9029	0.26	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.74	128	911	0.04	ng/ul#	82
5) 2-Methylnaphthalene	12.35	142	819	0.05	ng/ul	98
12) Phenanthrene	17.29	178	7922	0.26	ng/ul#	91
13) Anthracene	17.38	178	1822	0.06	ng/ul#	86
15) Fluoranthene	19.31	202	26528	0.74	ng/ul	83
17) Pyrene	19.67	202	23583	0.68	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	9278	0.29	ng/ul#	90
19) Chrysene	21.46	228	15656	0.47	ng/ul#	90
21) Benzo(b)fluoranthene	23.19	252	20989m	0.69	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	7787m	0.24	ng/ul	
23) Benzo(a)pyrene	23.85	252	10898m	0.36	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	7864m	0.25	ng/ul	
25) Dibenzo(a,h)anthracene	26.67	278	1951m	0.07	ng/ul	
26) Benzo(g,h,i)perylene	27.52	276	7041m	0.28	ng/ul	

10/31/17

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