

Quantitation Report (QT Reviewed)

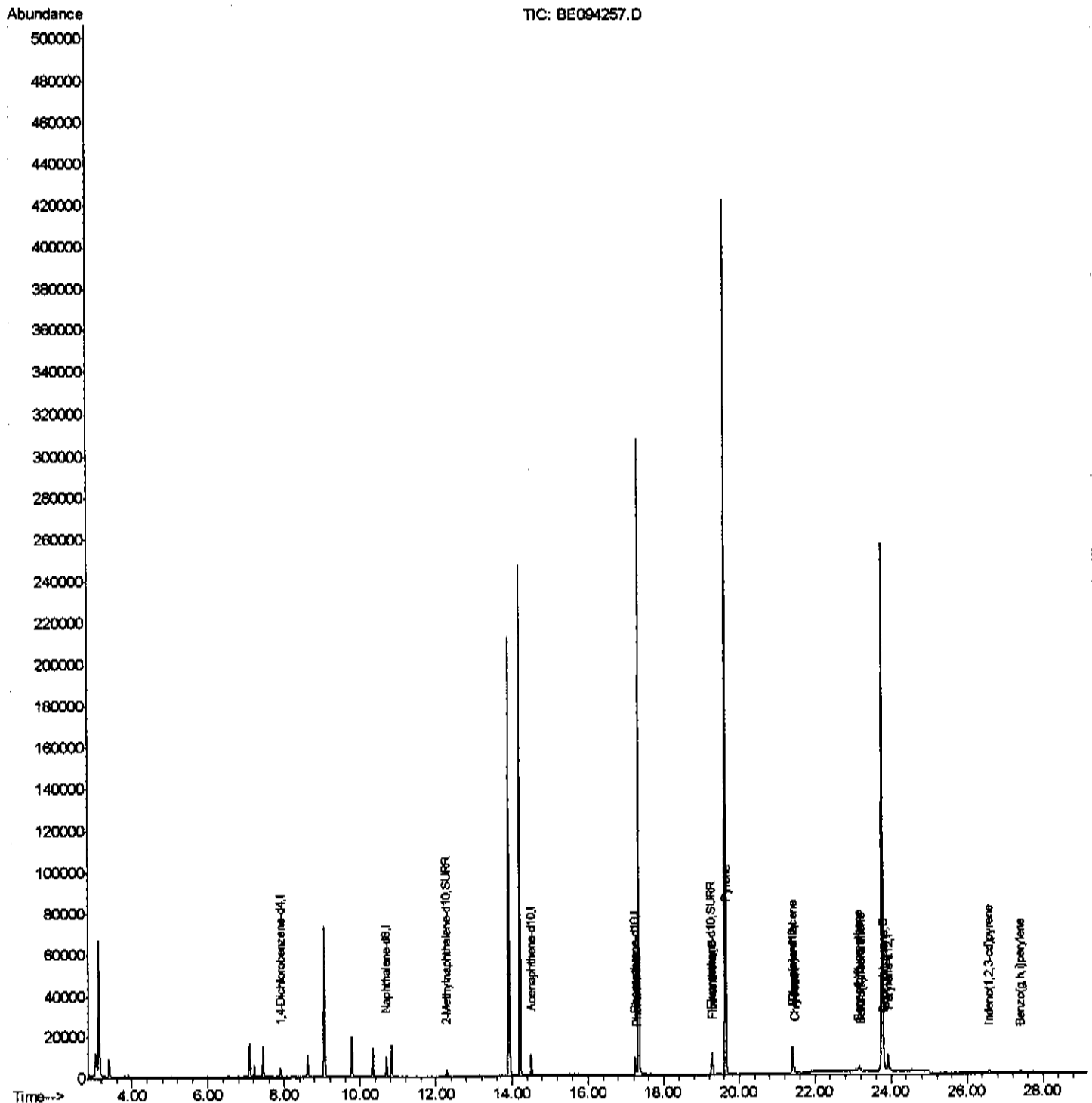
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094257.D
 Acq On : 10 Oct 2017 18:48
 Operator : SJ/JU
 Sample : I5522-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AE0

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:19:51 PM

Quant Time: Oct 11 07:38:28 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 07:23:41 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

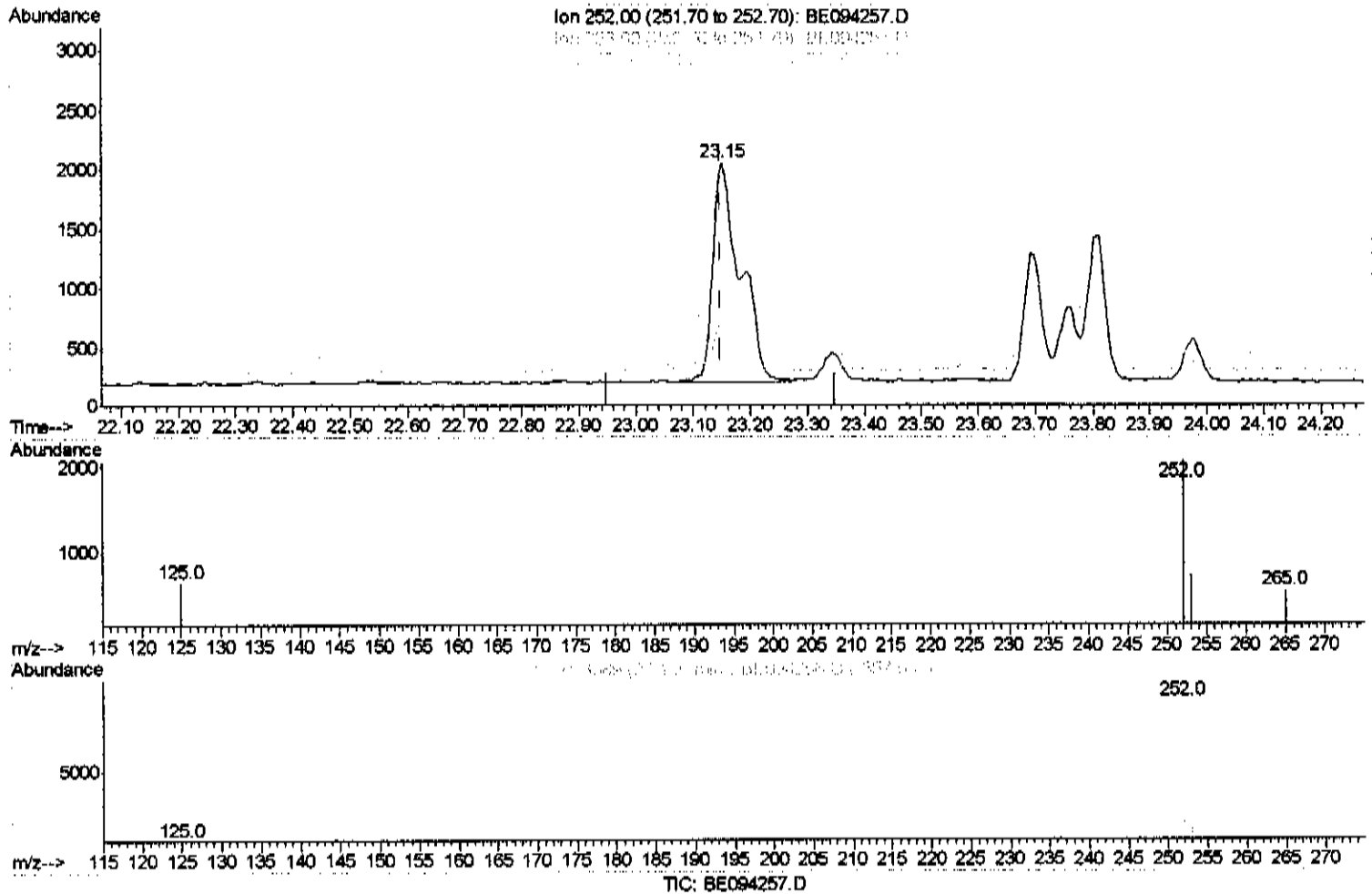
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094257.D
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(21) Benzo(b)fluoranthene
 23.149min (+0.000) 0.17ng/ul
 response 6230

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	34.68
125.00	17.50	31.08
0.00	0.00	0.00

Quantitation Report (Qedit)

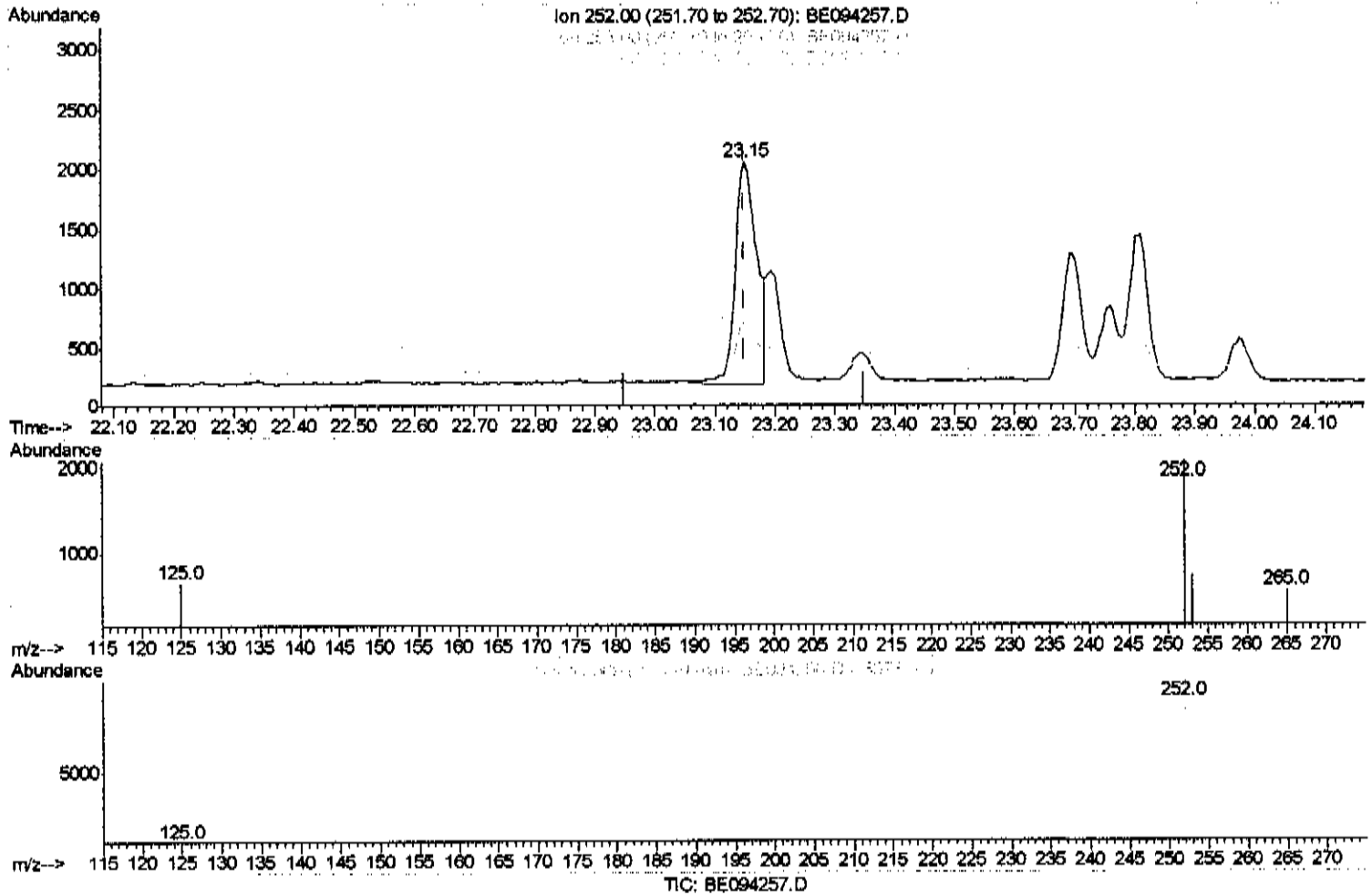
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094257.D
 Acq On : 10 Oct 2017 18:48
 Operator : SJ/JU
 Sample : I5522-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE0

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(21) Benzo(b)fluoranthene

23.149min (+0.000) 0.13ng/ul m

response 4693

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	34.68
125.00	17.50	31.08
0.00	0.00	0.00

Quantitation Report (Qedit)

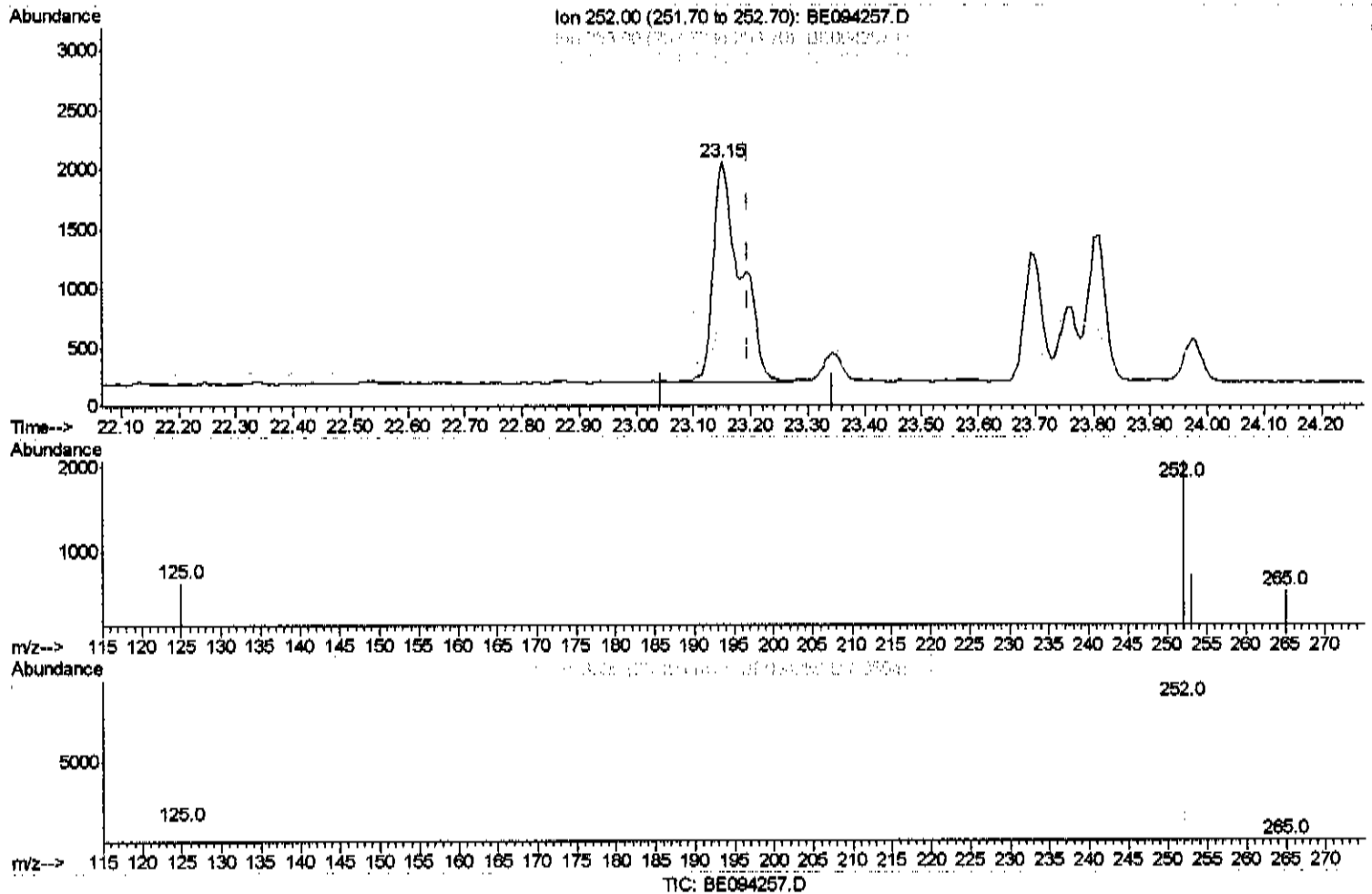
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094257.D
 Acq On : 10 Oct 2017 18:48
 Operator : SJ/JU
 Sample : IS522-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 COAE0

Manual Integrations
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(22) Benzo(k)fluoranthene

23.149min (-0.045) 0.15ng/ul

response 6230

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	34.68
125.00	17.10	31.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

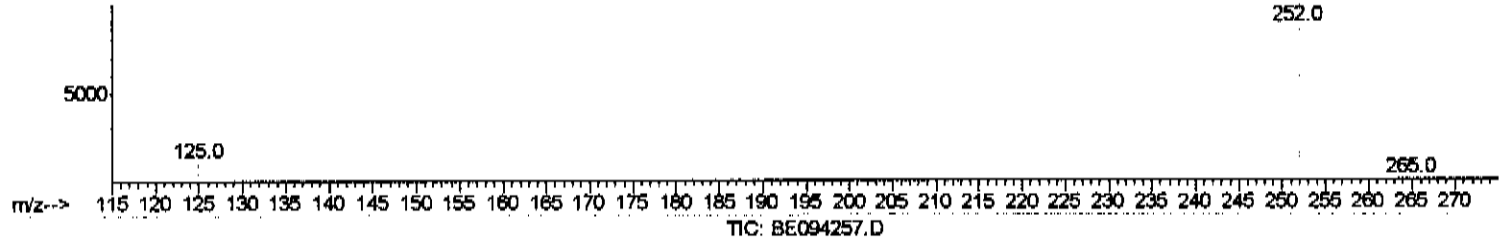
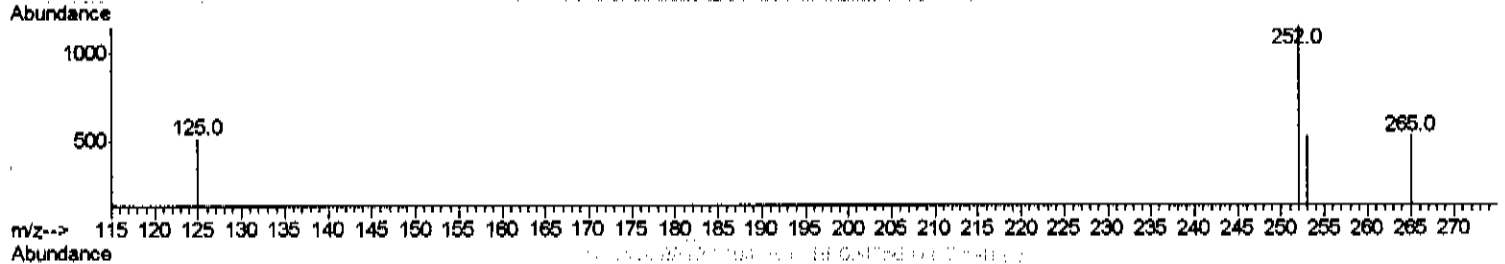
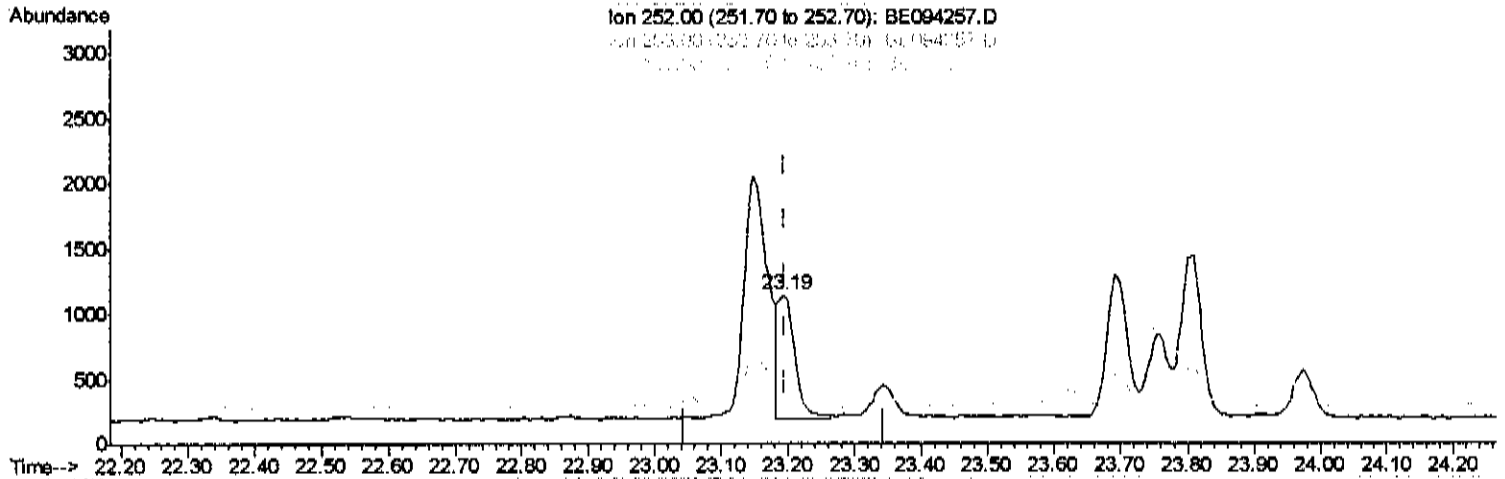
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094257.D
 Acq On : 10 Oct 2017 18:48
 Operator : SJ/JU
 Sample : I5522-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampled :
 C0AE0

Manual Integrations
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(22) Benzo(k)fluoranthene

23.195min (+0.000) 0.04ng/ul m

response 1671

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	45.27#
125.00	17.10	44.48#
0.00	0.00	0.00

SJ 10/11/17

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Instrument :
BNA_E
ClientSampled :
COAEO

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1964	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10215	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5680	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11807	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12158	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	13438	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	5289	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	12076	0.31	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) Phenanthrene	17.29	178	2185	0.071	ng/ul	96
15) Fluoranthene	19.30	202	5900	0.146	ng/ul	85
17) Pyrene	19.66	202	5944	0.176	ng/ul#	87
18) Benzo(a)anthracene	21.40	228	2511	0.078	ng/ul#	87
19) Chrysene	21.45	228	3494	0.094	ng/ul#	87
21) Benzo(b)fluoranthene	23.15	252	4693m	0.129	ng/ul	77
22) Benzo(k)fluoranthene	23.19	252	1671m	0.040	ng/ul	81
23) Benzo(a)pyrene	23.81	252	2651	0.070	ng/ul#	62
24) Indeno(1,2,3-cd)pyrene	26.58	276	2206	0.057	ng/ul#	
26) Benzo(a,h,i)perylene	27.40	276	1877	0.056	ng/ul#	

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

Quantitation Report (QT Reviewed)

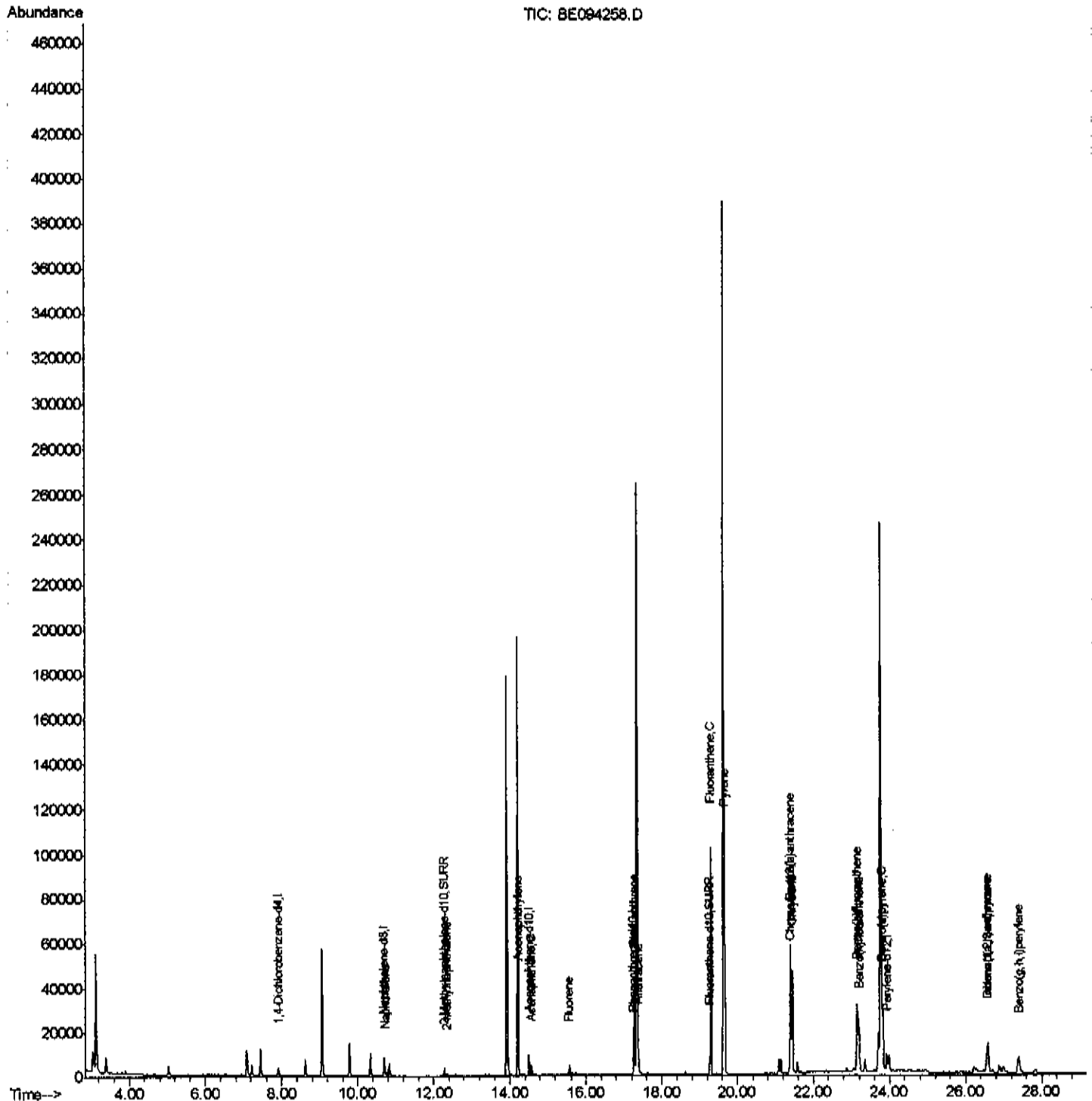
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094258.D
 Acq On : 10 Oct 2017 19:27
 Operator : SJ/JU
 Sample : I5522-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 COAE0

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:19:51 PM

Quant Time: Oct 11 07:40:31 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 07:23:41 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

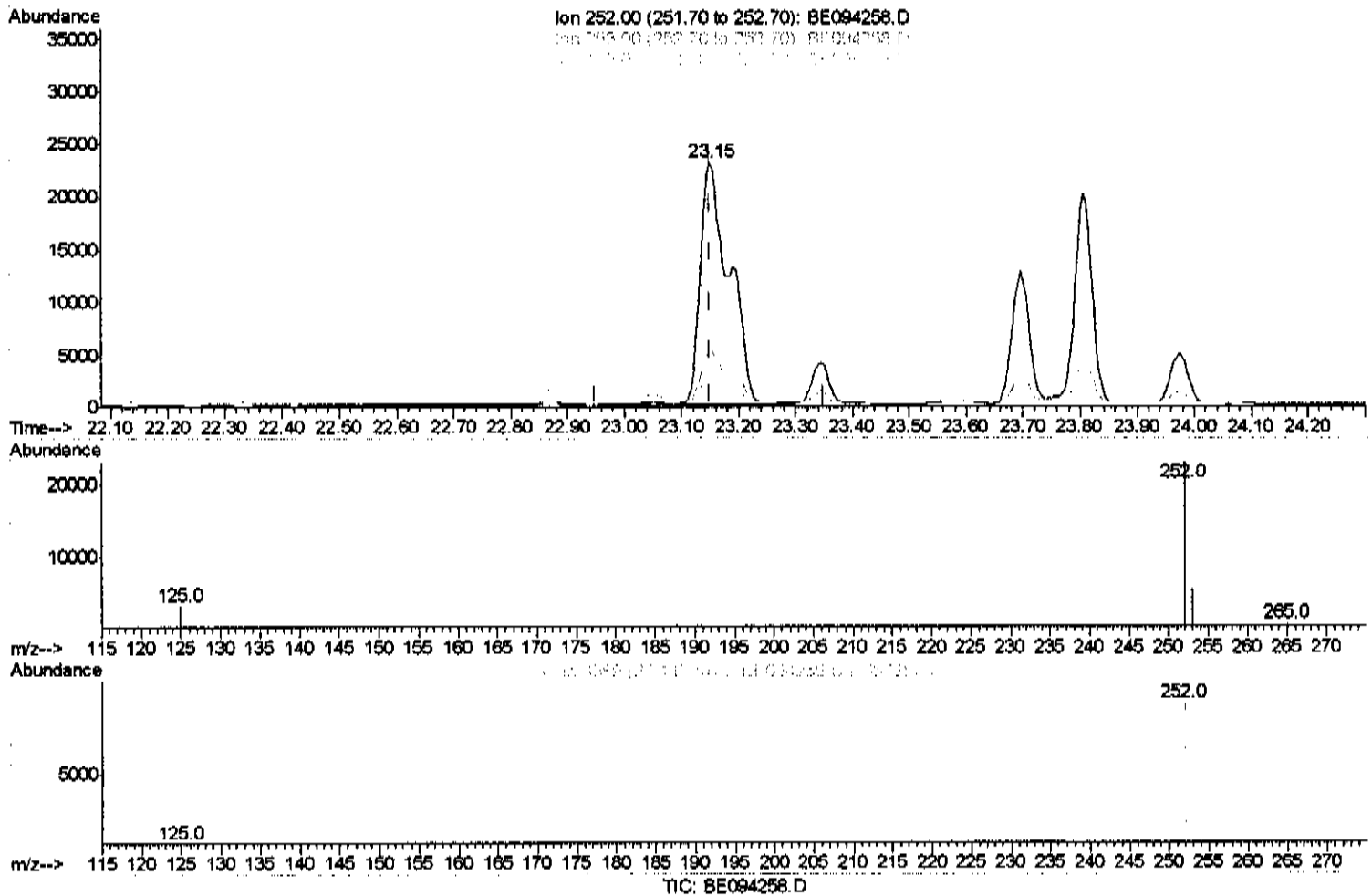
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094258.D
 Acq On : 10 Oct 2017 19:27
 Operator : SJ/JU
 Sample : I5522-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 COAE0

Manual Integrations
 APPROVED

Sohil
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(21) Benzo(b)fluoranthene

23.149min (-0.000) 2.32ng/ui

response 79967

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.41
125.00	17.50	13.25
0.00	0.00	0.00

Quantitation Report (Qedit)

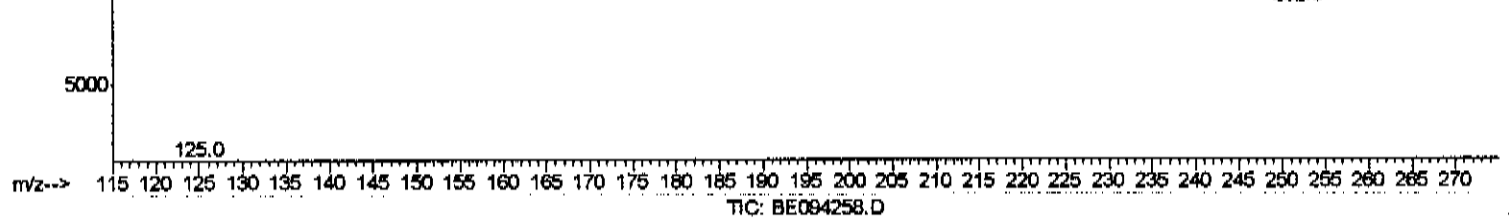
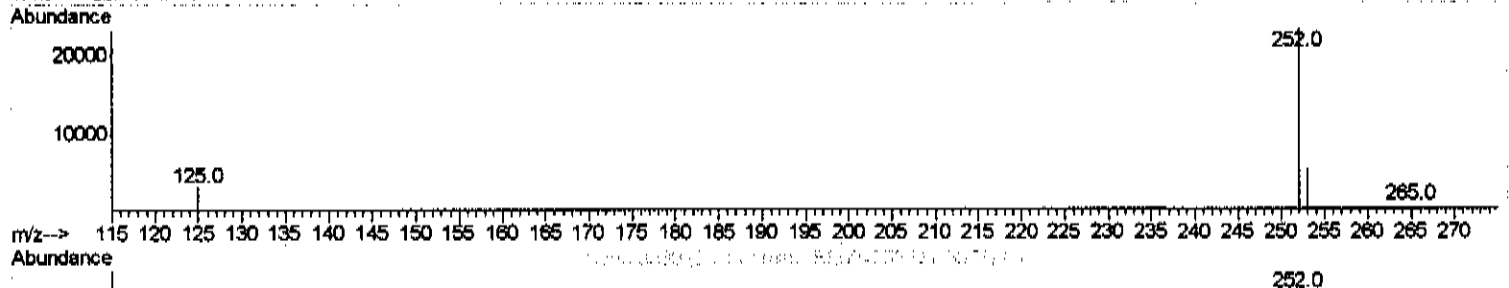
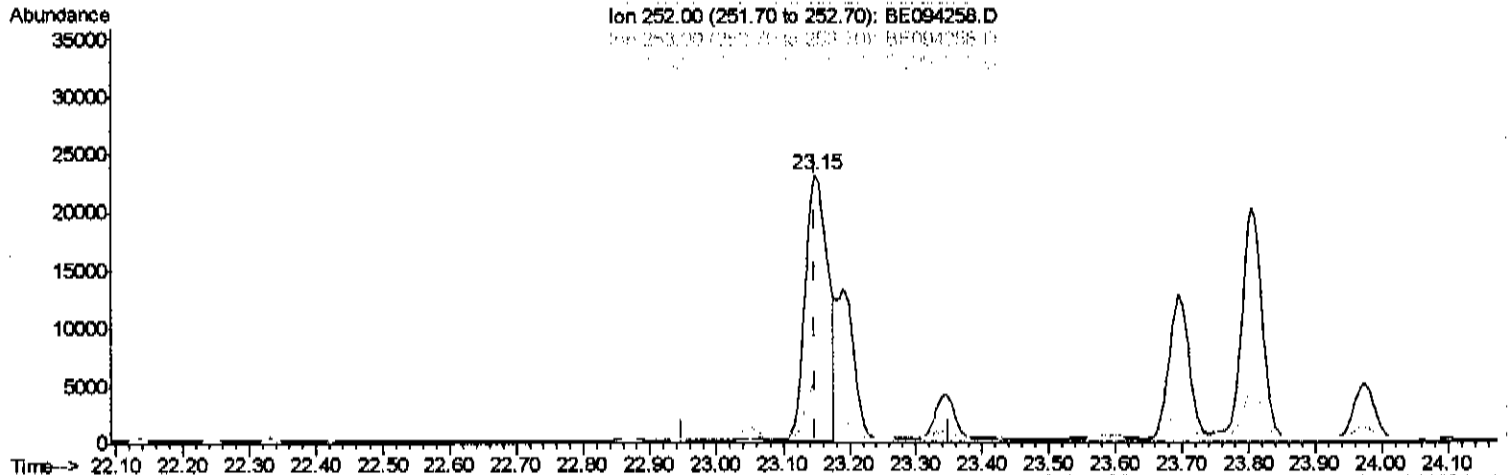
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094258.D
 Acq On : 10 Oct 2017 19:27
 Operator : SJ/JU
 Sample : I5522-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 COAE0

Manual Integrations
 APPROVED

Sohil
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(21) Benzo(b)fluoranthene

23.149min (-0.000) 1.62ng/ul m

response 55803

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.41
125.00	17.50	13.25
0.00	0.00	0.00

24/10/17

Quantitation Report (Qedit)

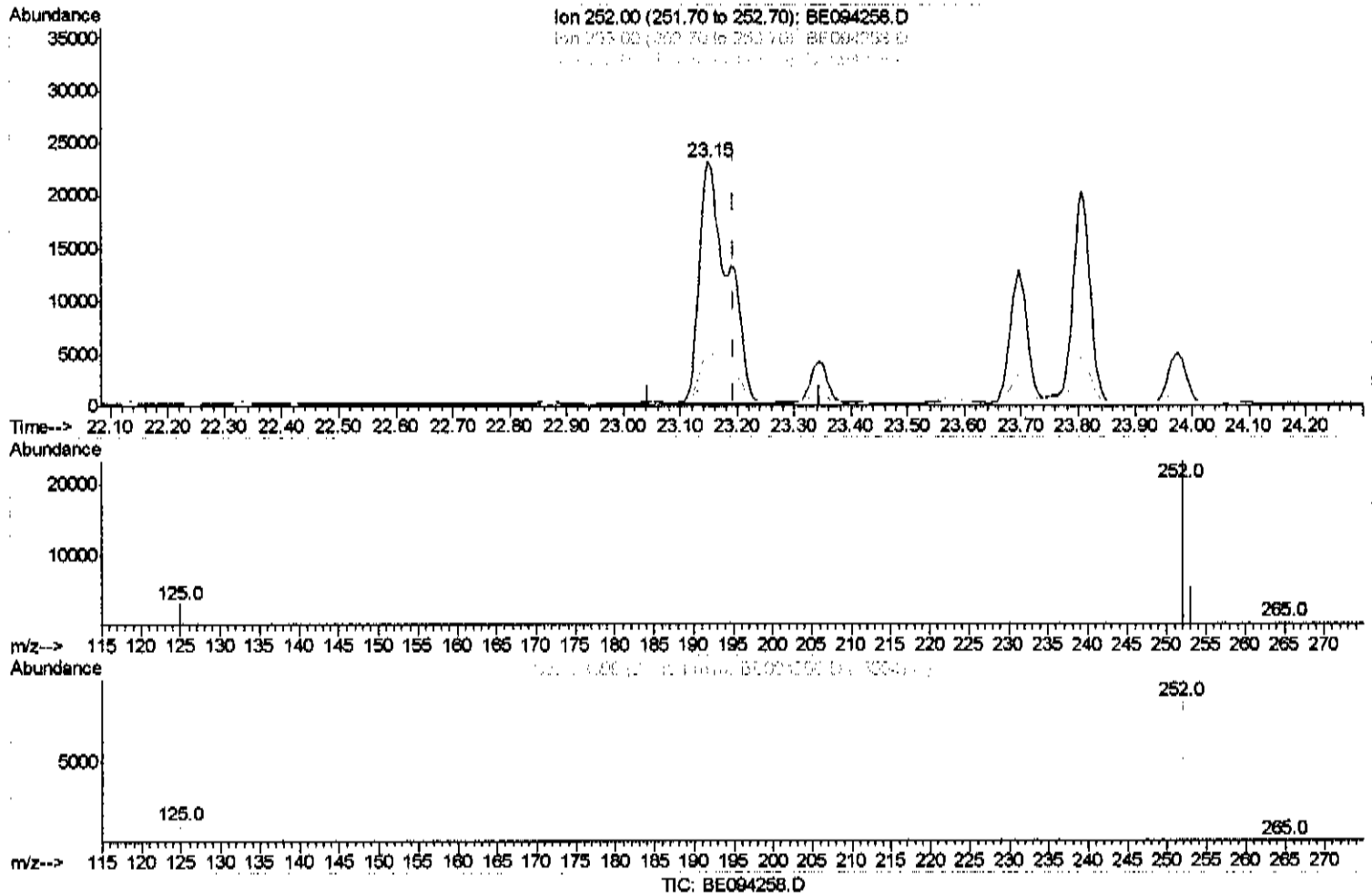
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094258.D
 Acq On : 10 Oct 2017 19:27
 Operator : SJ/JU
 Sample : I5522-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COAE0

Manual Integrations
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(22) Benzo(k)fluoranthene

23.149min (-0.046) 2.01ng/ui

response 79967

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.41#
125.00	17.10	13.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

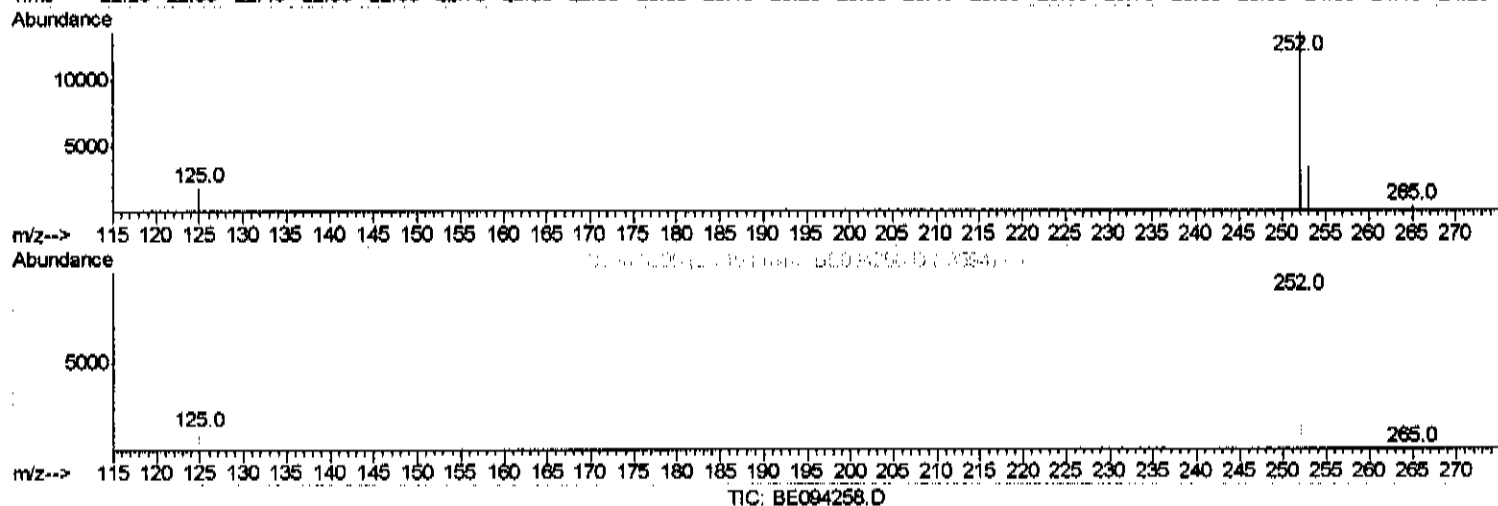
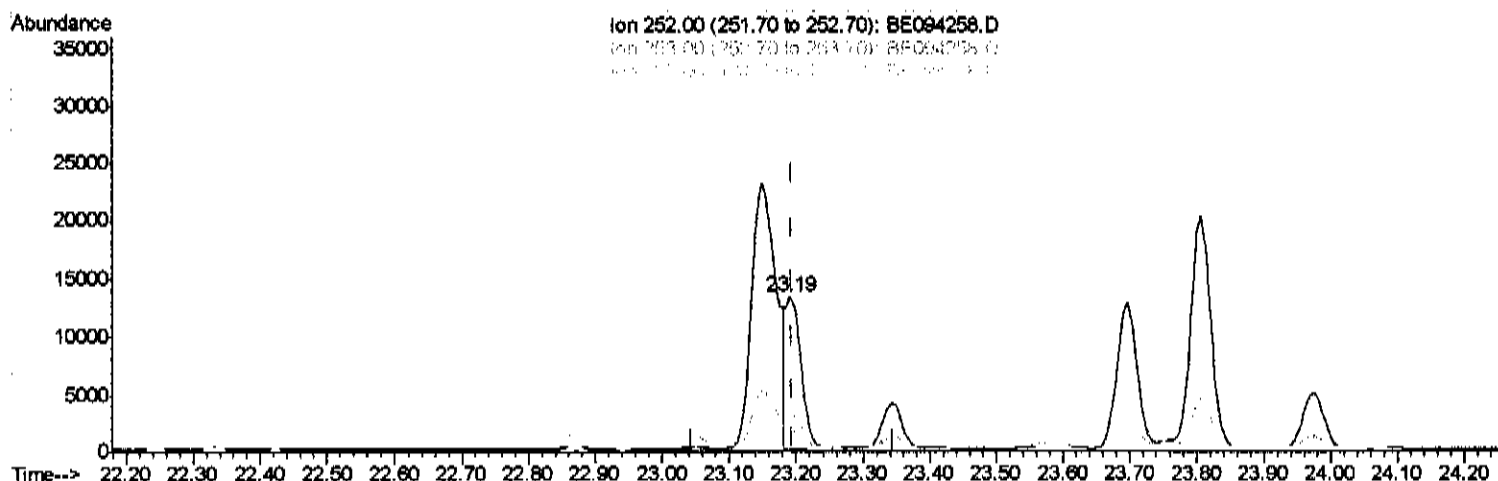
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094258.D
 Acq On : 10 Oct 2017 19:27
 Operator : SJ/JU
 Sample : I5522-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 COAE0

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:19:51 PM

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(22) Benzo(k)fluoranthene

23.190min (-0.005) 0.54ng/ul m

response 21403

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.98
125.00	17.10	14.16
0.00	0.00	0.00

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BNA_E
ClientSampleId :
COAE0

Manual Integrations
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Operator : SJ/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1778	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9154	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5215	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11221	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	11552	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	12688	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	5034	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	12704	0.34	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.74	128	2408	0.107	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	778	0.053	ng/ul	98
7) Acenaphthylene	14.24	152	1173	0.058	ng/ul#	88
8) Acenaphthene	14.57	153	2621	0.157	ng/ul	99
9) Fluorene	15.56	166	2746	0.140	ng/ul	94
12) Phenanthrene	17.27	178	59559	2.031	ng/ul#	83
13) Anthracene	17.38	178	13338	0.468	ng/ul#	92
15) Fluoranthene	19.30	202	108332	2.812	ng/ul	84
17) Pyrene	19.66	202	94213	2.931	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	51716	1.688	ng/ul#	87
19) Chrysene	21.44	228	48878	1.381	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	55803m	1.619	ng/ul	99
22) Benzo(k)fluoranthene	23.19	252	21403m	0.537	ng/ul	99
23) Benzo(a)pyrene	23.80	252	42962	1.200	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.57	276	25570	0.698	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	6770	0.220	ng/ul#	94
26) Benzo(a,h,i)perylene	27.39	276	18009	0.570	ng/ul	98

26/10/11/17

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