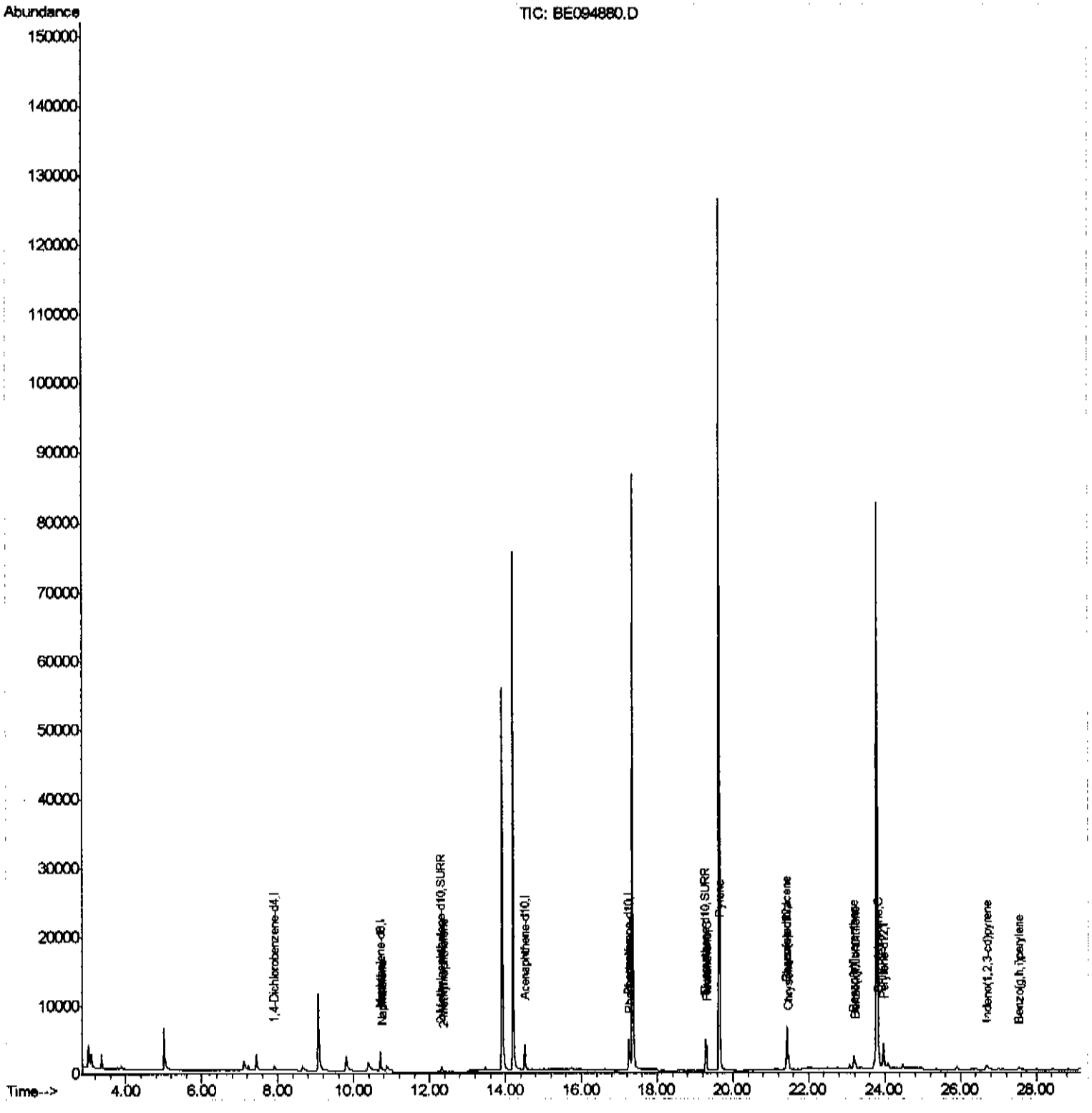
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\
Data File : BE094880.D
Acq On : 28 Nov 2017 12:51
Operator : SJ/JU
Sample : I6514-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 29 01:24:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 29 01:10:42 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations APPROVED
Sohil
11/29/2017 5:14:57 PM



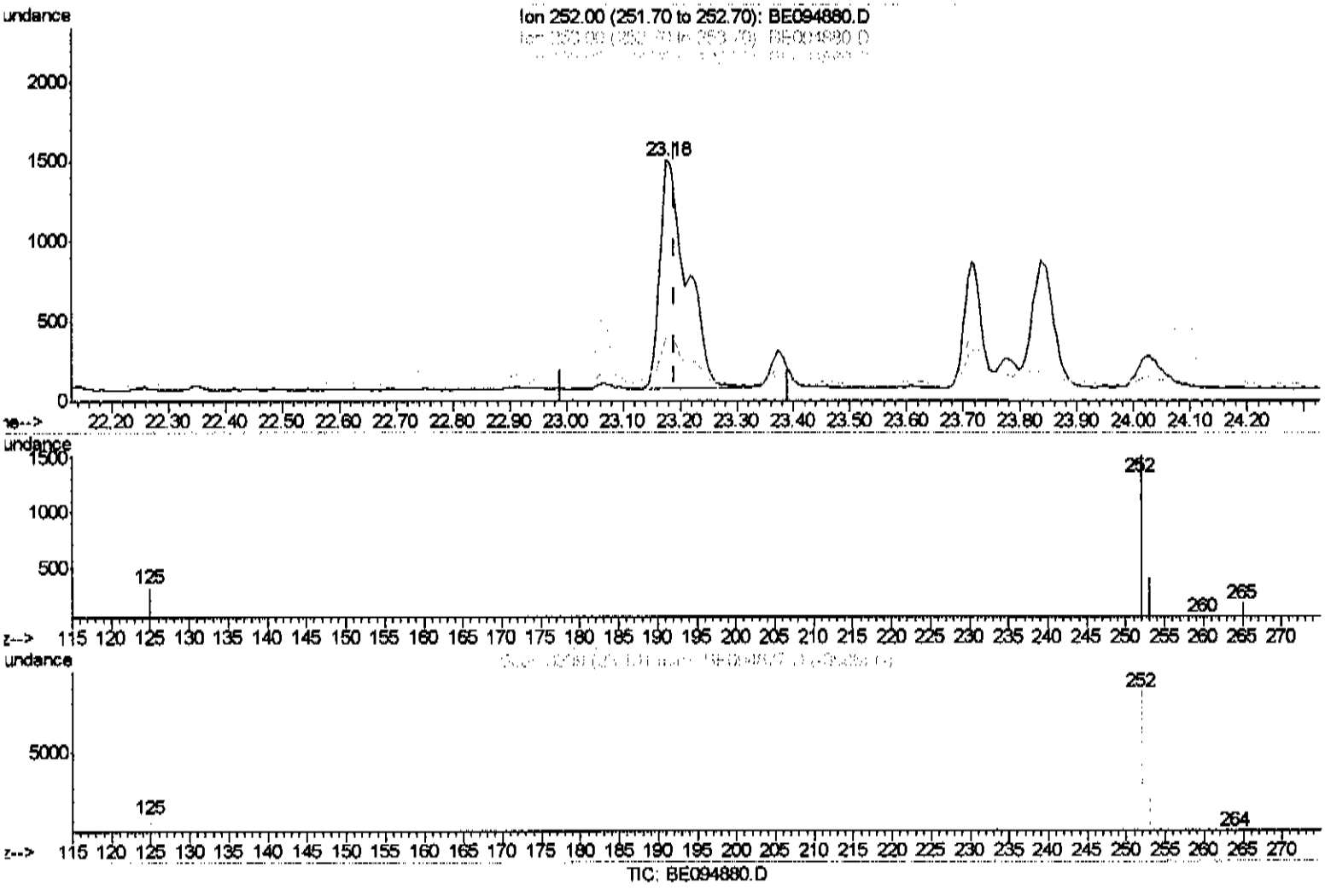
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\
Data File : BE094880.D
Acq On : 28 Nov 2017 12:51
Operator : SJ/JU
Sample : I6514-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 29 01:13:18 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 29 01:10:42 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations APPROVED
Sohil
11/29/2017 5:14:57 PM



(21) Benzo(b)fluoranthene

23.176min (-0.014) 0.26ng/ul

response 4697

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	26.75
125.00	17.50	21.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\
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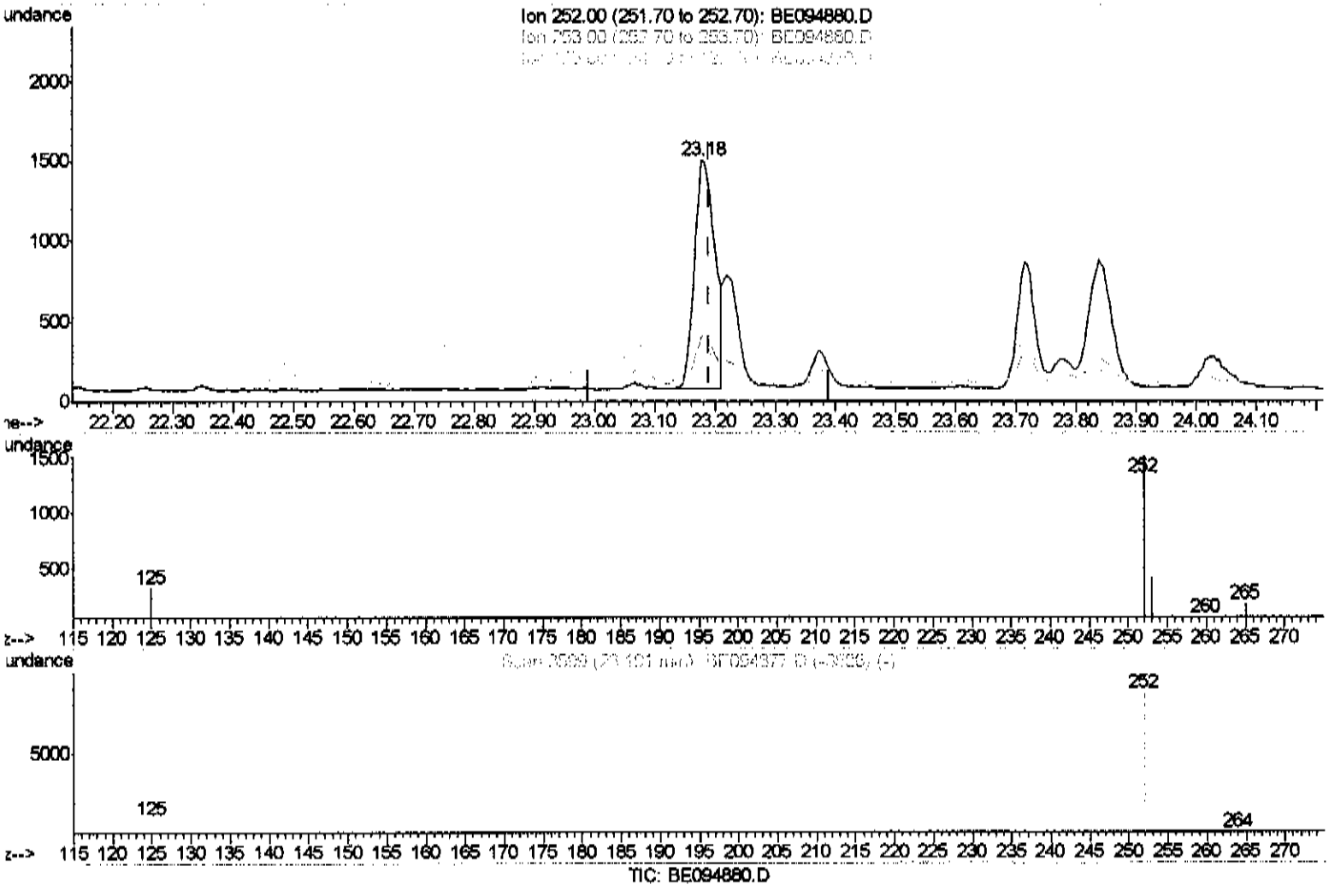
ClientSampleId :
C0AB2

Manual Integrations APPROVED
Sohil
11/29/2017 5:14:57 PM



(21) Benzo(b)fluoranthene

23.176min (-0.014) 0.18ng/ul m SJ 11/29/17

response 3337

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	26.75
125.00	17.50	21.06
0.00	0.00	0.00

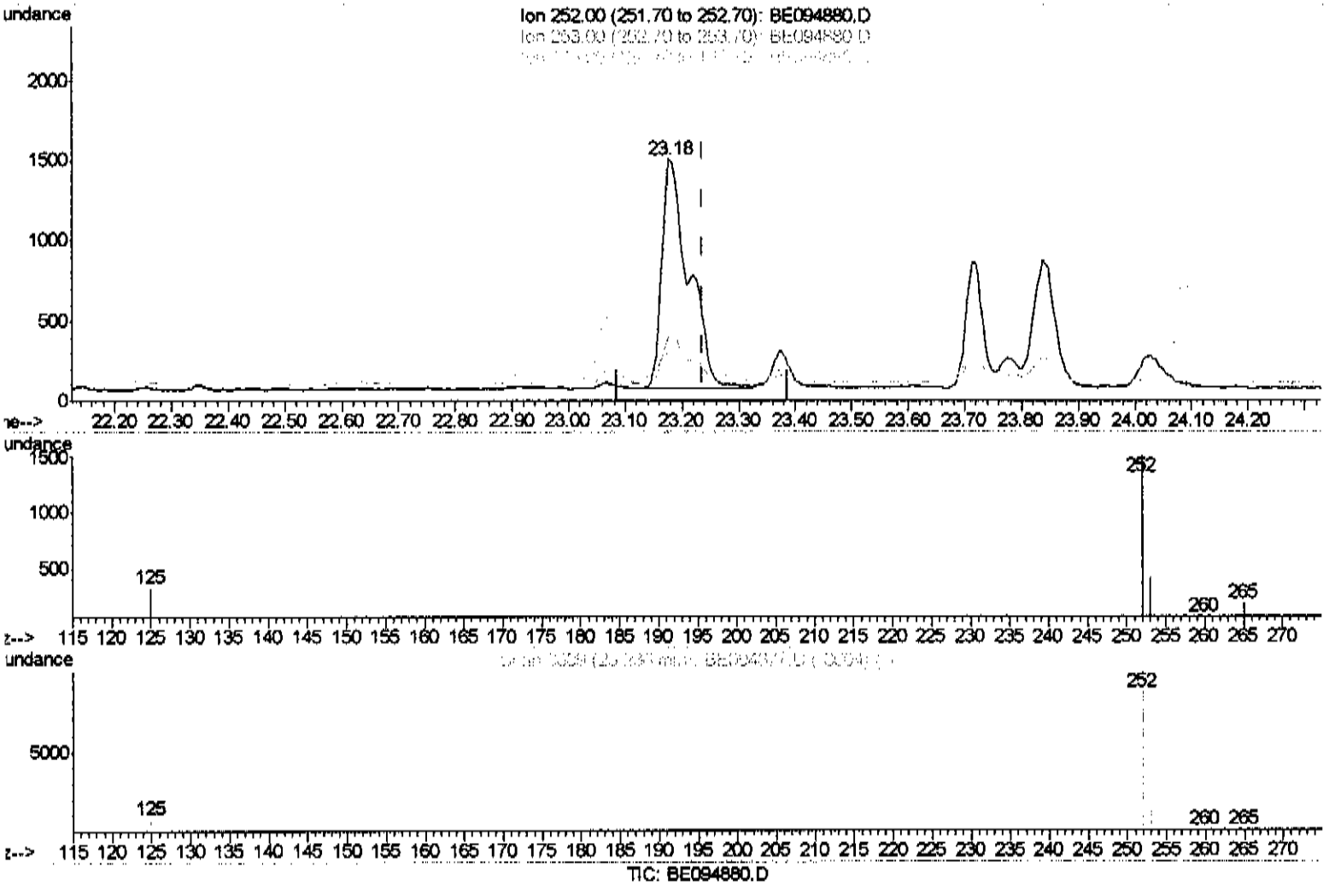
Quantitation Report (Qedit)

Instrument :
BNA_E
ClientSampleId :
C0AB2

Manual Integrations APPROVED
Sohil
11/29/2017 5:14:57 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\
Data File : BE094880.D
Acq On : 28 Nov 2017 12:51
Operator : SJ/JU
Sample : I6514-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 29 01:13:18 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 29 01:10:42 2017
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.176min (-0.060) 0.24ng/ul

response 4697

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.75
125.00	17.10	21.06#
0.00	0.00	0.00

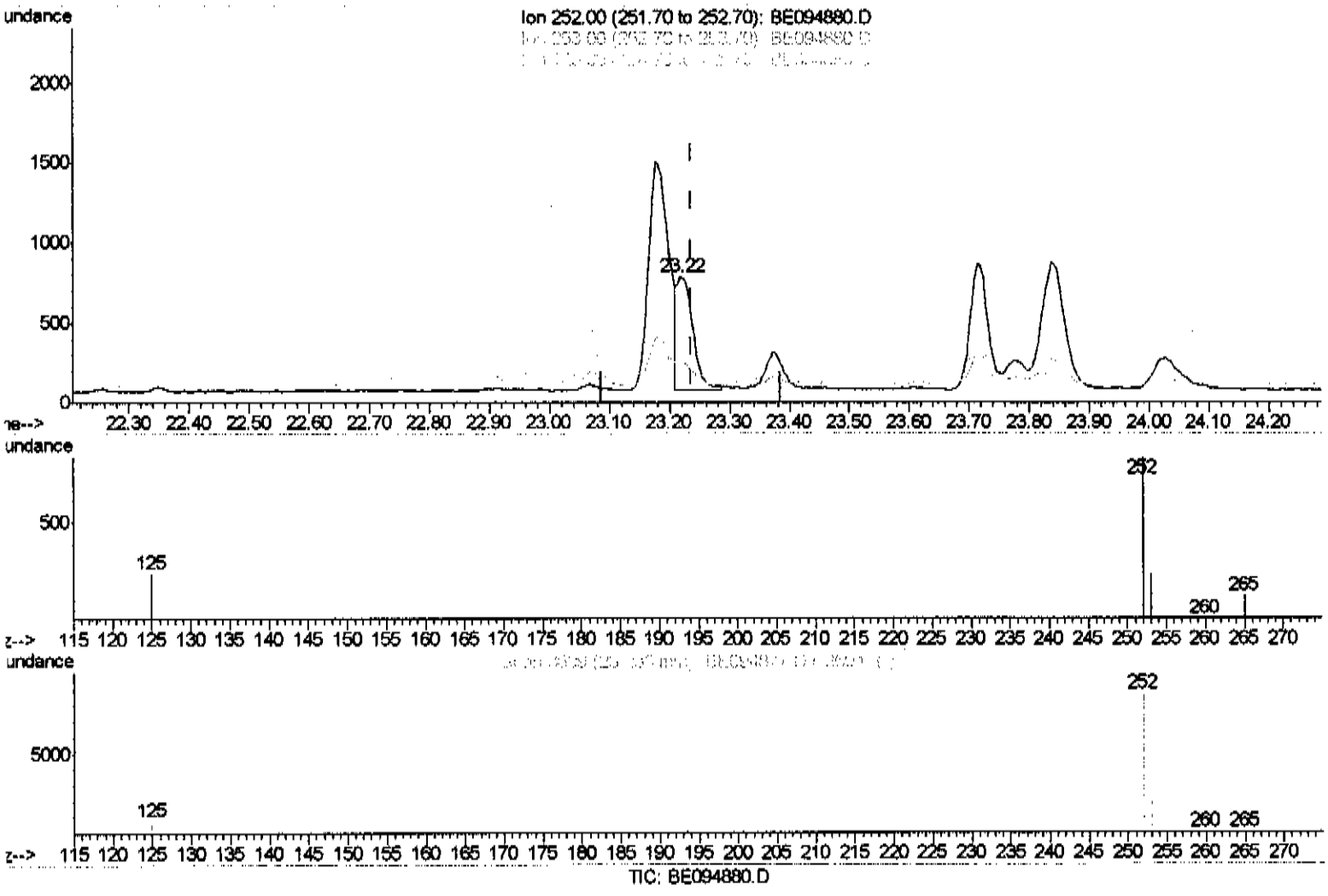
Quantitation Report (Qedit)

Instrument : BNA_E
ClientSampleId : C0AB2

Manual Integrations APPROVED
Sohil
11/29/2017 5:14:57 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\
Data File : BE094880.D
Acq On : 28 Nov 2017 12:51
Operator : SJ/JU
Sample : I6514-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 29 01:13:18 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 29 01:10:42 2017
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.217min (-0.019) 0.07ng/ul m SJ 11/29/17

response 1311

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	33.46
125.00	17.10	33.21#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument : BNA_E
ClientSampleId : C0AB2

Manual Integrations APPROVED
Sohil
11/29/2017 5:14:57 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112817\
Data File : BE094680.D
Acq On : 28 Nov 2017 12:51
Operator : SJ/JU
Sample : I6514-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 29 01:24:17 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 29 01:10:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	577	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.70	136	3778	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	2593	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	6092	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	6005	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	6058	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	1898	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	5509	0.26	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.75	128	246	0.03	ng/ul#	50
5) 2-Methylnaphthalene	12.38	142	251	0.04	ng/ul	96
12) Phenanthrene	17.27	178	2372	0.14	ng/ul#	87
15) Fluoranthene	19.30	202	4546	0.21	ng/ul	84
17) Pyrene	19.66	202	4190	0.22	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	2393	0.13	ng/ul#	92
19) Chrysene	21.47	228	2767	0.15	ng/ul	92
21) Benzo(b)fluoranthene	23.18	252	3337m	0.18	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	1311m	0.07	ng/ul	
23) Benzo(a)pyrene	23.84	252	2153	0.12	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.69	276	1512	0.08	ng/ul#	78
26) Benzo(g,h,i)perylene	27.54	276	935	0.06	ng/ul#	67

> SJ 11/29/17

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