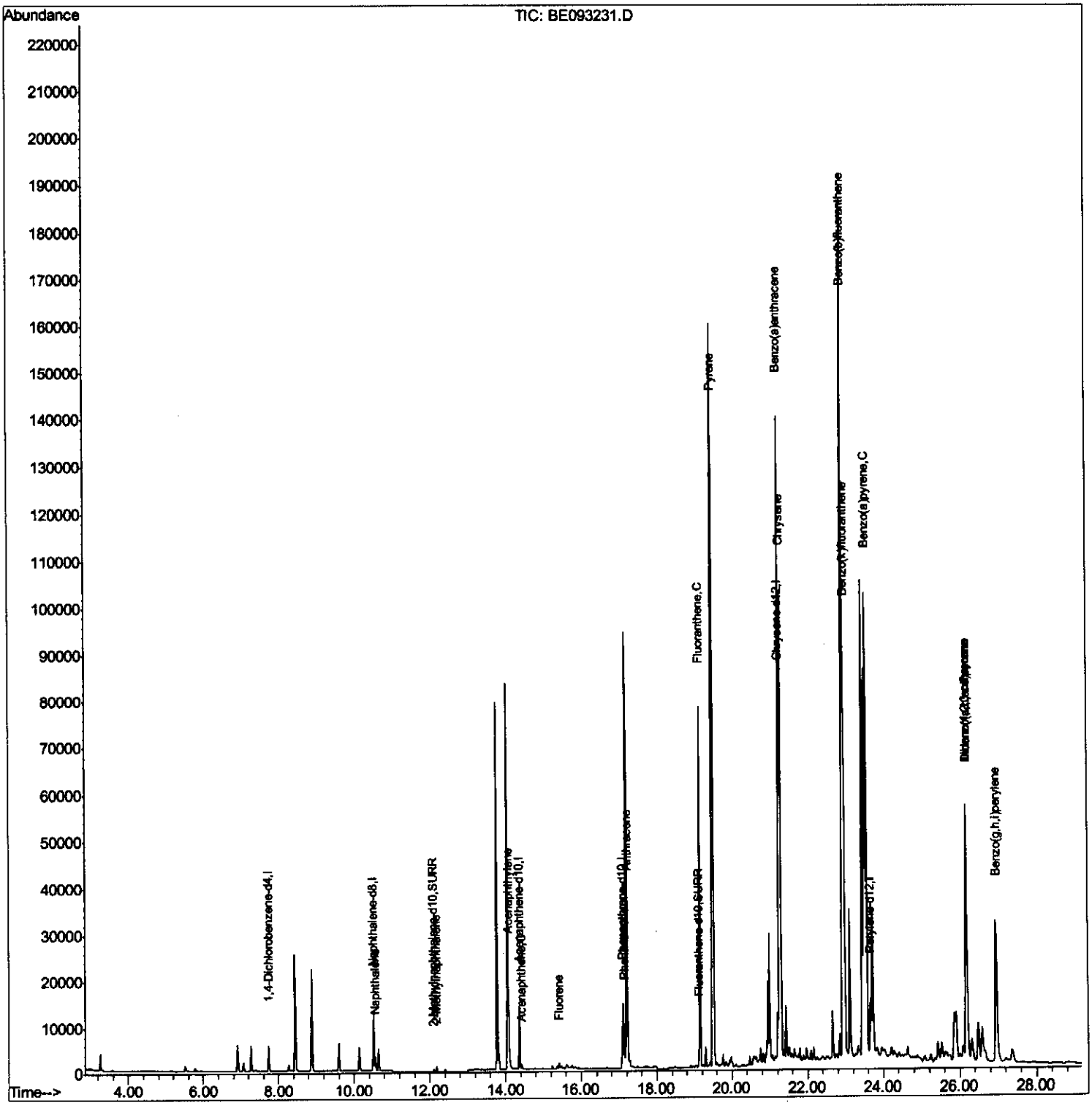
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093231.D
Acq On : 16 Jun 2017 5:07
Operator : SJ/MA
Sample : I3520-14DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 16 06:41:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 05:36:31 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5B41DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:30 AM



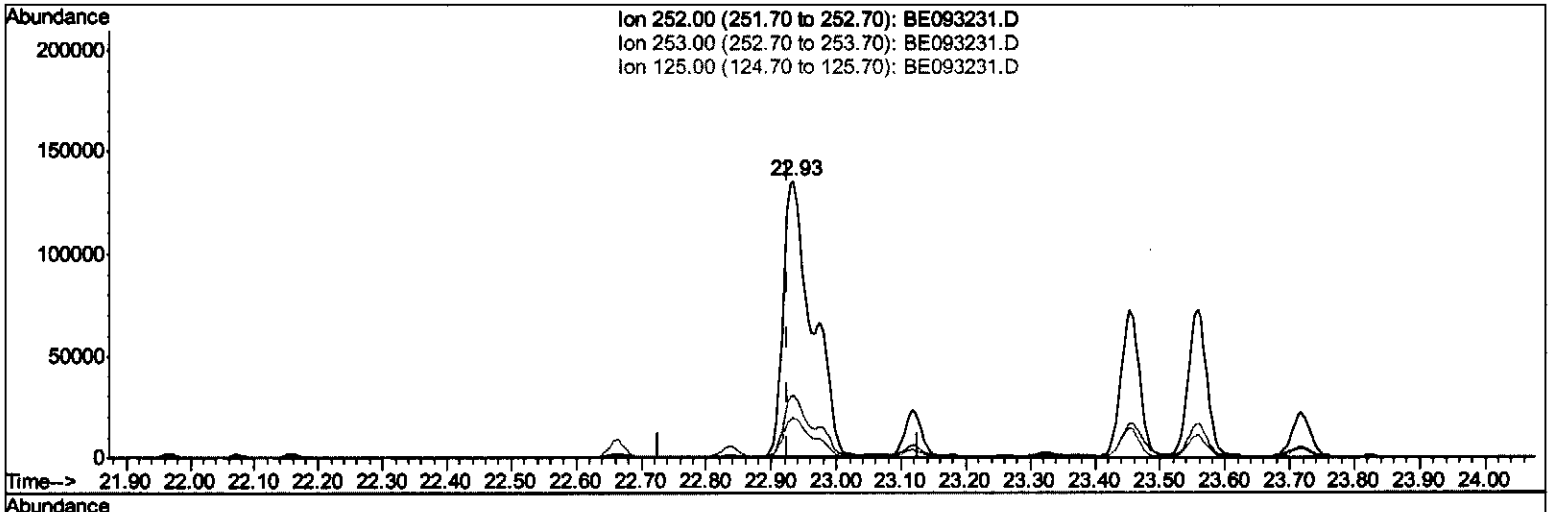
Quantitation Report (Qedit)

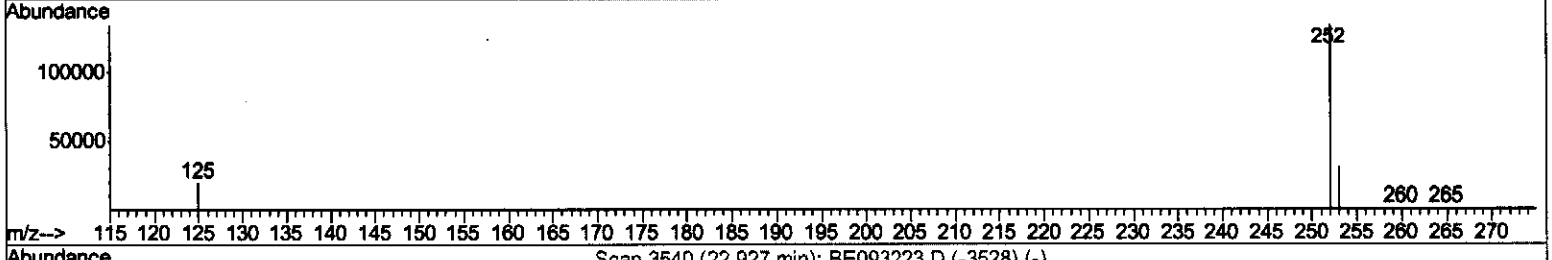
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093231.D
Acq On : 16 Jun 2017 5:07
Operator : SJ/MA
Sample : I3520-14DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

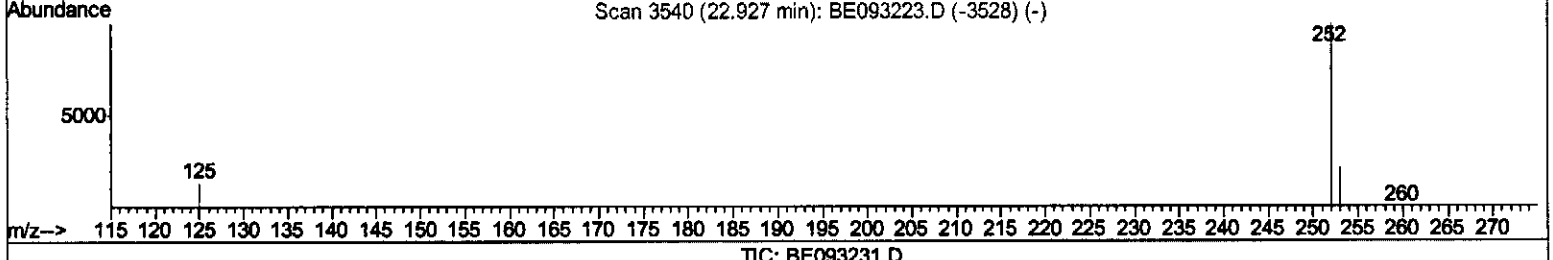
Quant Time: Jun 16 06:39:02 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 05:36:31 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5B41DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:30 AM







TIC: BE093231.D

(21) Benzo(b)fluoranthene

22.935min (+0.008) 8.35ng/ul

response 418160

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.83
125.00	17.50	14.40
0.00	0.00	0.00

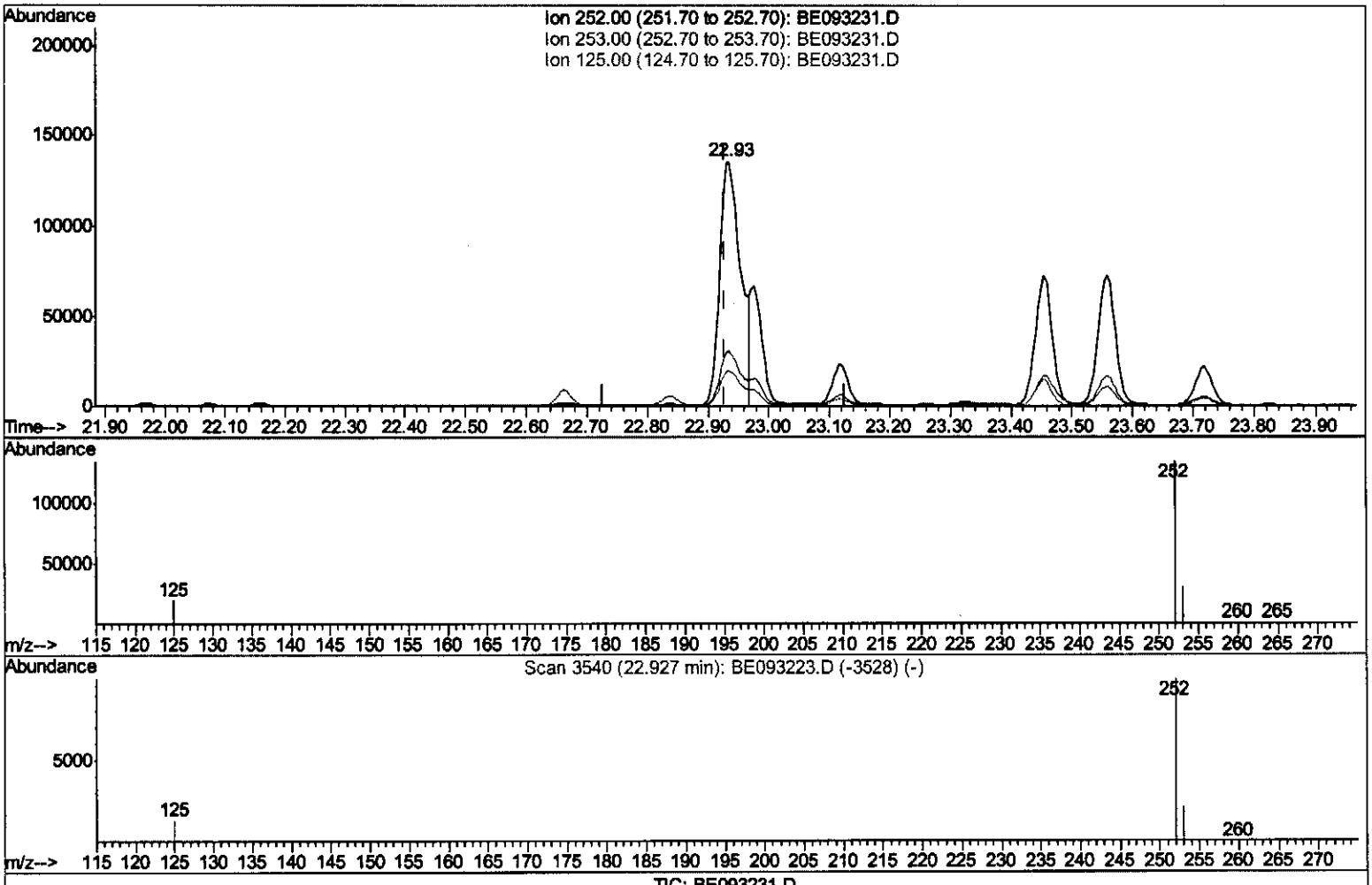
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093231.D
Acq On : 16 Jun 2017 5:07
Operator : SJ/MA
Sample : I3520-14DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 16 06:39:02 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 05:36:31 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5B41DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:30 AM



TIC: BE093231.D

(21) Benzo(b)fluoranthene

22.935min (+0.008) 6.55ng/ul m

response 327839

SJ 06/21/17

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.83
125.00	17.50	14.40
0.00	0.00	0.00

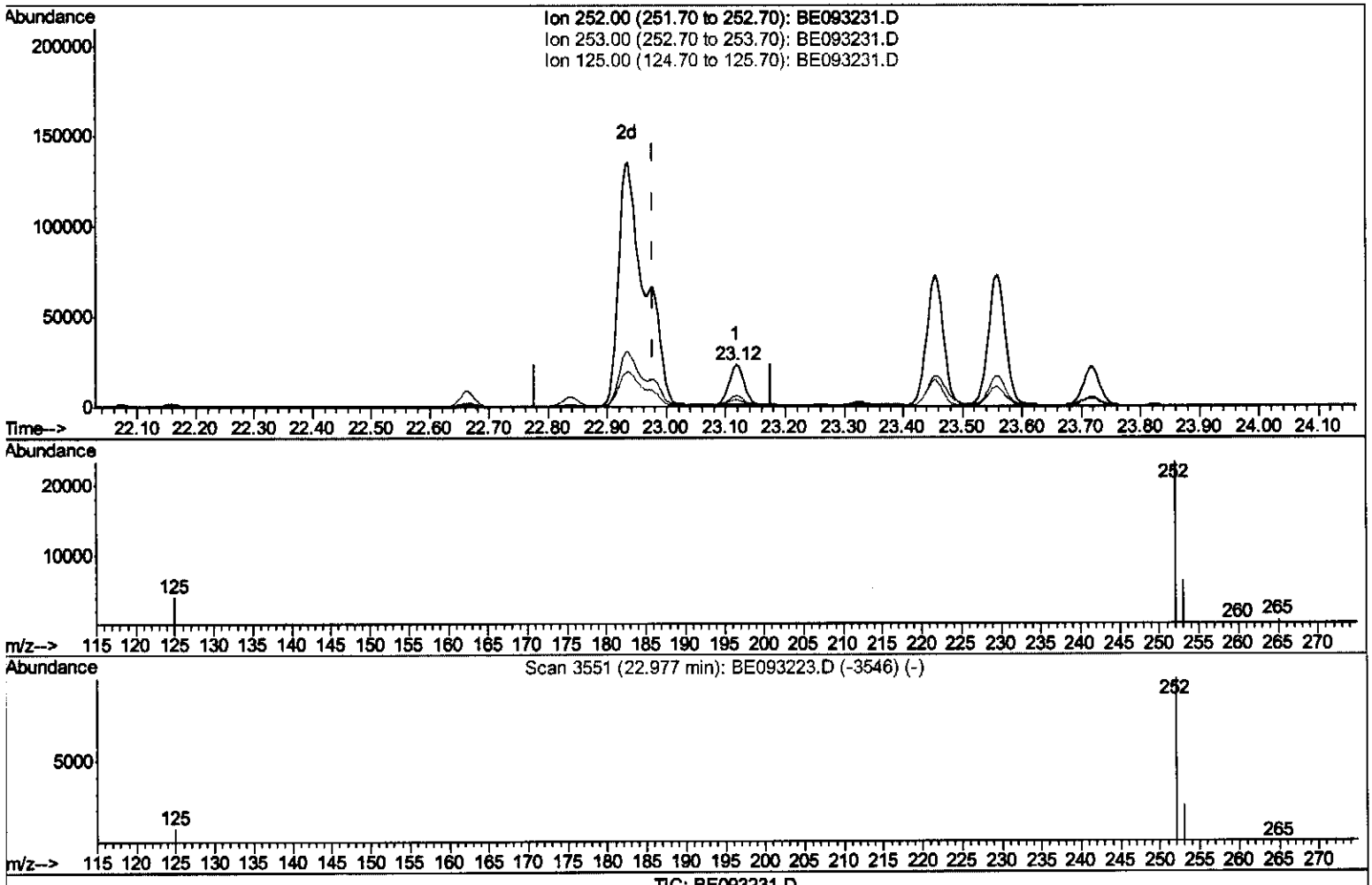
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093231.D
Acq On : 16 Jun 2017 5:07
Operator : SJ/MA
Sample : I3520-14DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 16 06:39:02 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 05:36:31 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5B41DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:30 AM



TIC: BE093231.D

(22) Benzo(k)fluoranthene

23.117min (+0.140) 0.74ng/ul

response 39605

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.98
125.00	17.10	17.38
0.00	0.00	0.00

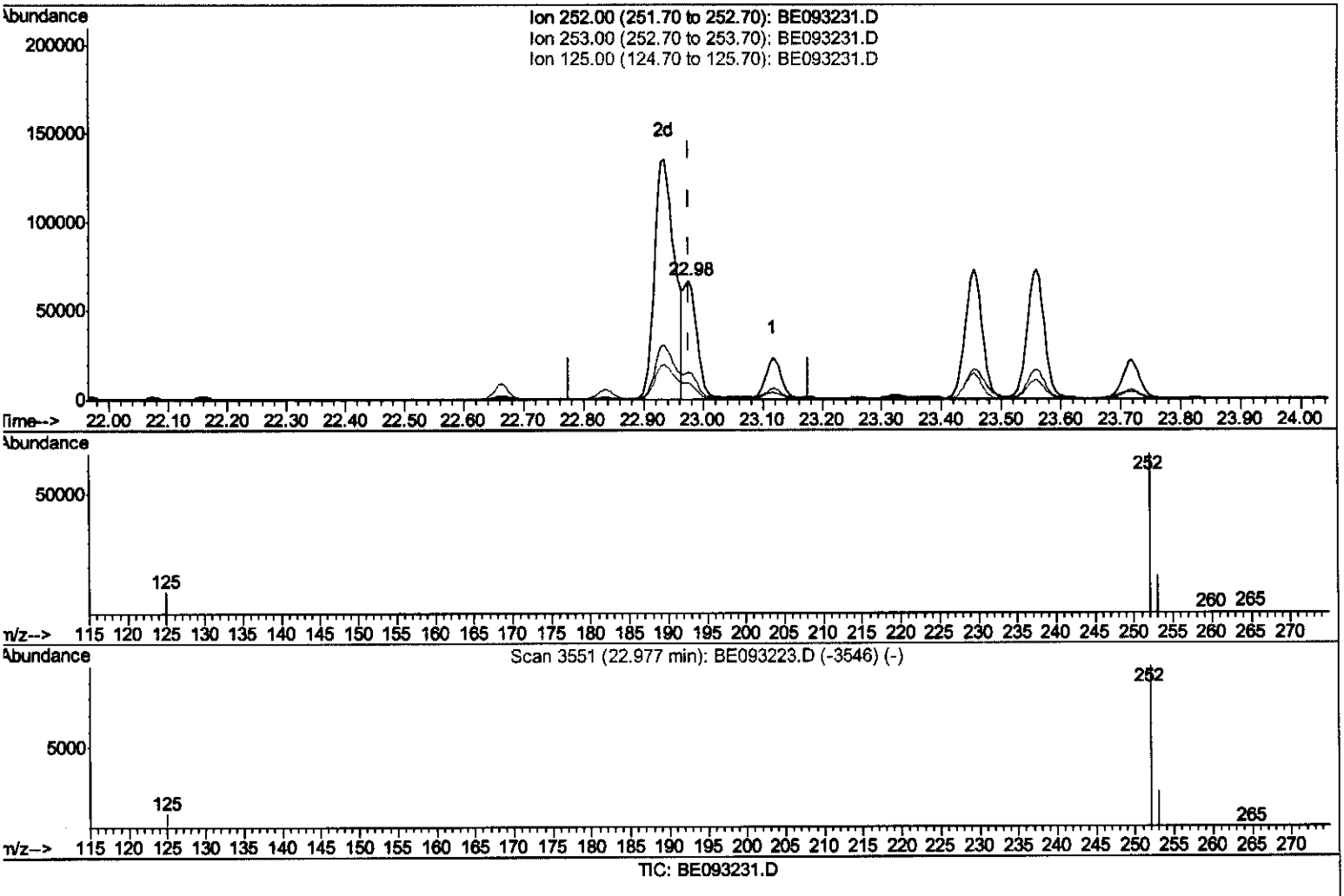
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093231.D
Acq On : 16 Jun 2017 5:07
Operator : SJ/MA
Sample : I3520-14DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 16 06:39:02 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 05:36:31 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5B41DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:30 AM



TIC: BE093231.D

(22) Benzo(k)fluoranthene

22.976min (-0.001) 2.04ng/ul m

response 108489

SJ 06/21/17

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.54#
125.00	17.10	13.86
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093231.D
Acq On : 16 Jun 2017 5:07
Operator : SJ/MA
Sample : I3520-14DL 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 16 06:41:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 05:36:31 2017
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : F5B41DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2810	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	13890	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7784	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	18108	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	19857	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	16504	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	681	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1635	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	4444	0.13	ng/ul#	94
5) 2-Methylnaphthalene	12.18	142	972	0.04	ng/ul	98
7) Acenaphthylene	14.09	152	17827	0.53	ng/ul	96
8) Acenaphthene	14.43	153	663	0.02	ng/ul#	91
9) Fluorene	15.42	166	923	0.03	ng/ul#	83
12) Phenanthrene	17.14	178	10306	0.21	ng/ul#	89
13) Anthracene	17.22	178	39044	0.90	ng/ul#	88
15) Fluoranthene	19.16	202	83766	1.37	ng/ul	83
17) Pyrene	19.52	202	138002	2.36	ng/ul#	82
18) Benzo(a)anthracene	21.24	228	114610	2.16	ng/ul#	86
19) Chrysene	21.29	228	130409	2.37	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	327839m	6.55	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	108489m	2.04	ng/ul	
23) Benzo(a)pyrene	23.56	252	143852	3.04	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.18	276	92483	1.69	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.20	278	24719	0.54	ng/ul	91
26) Benzo(g,h,i)perylene	26.96	276	68285	1.45	ng/ul	96

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

SJ
06/21/17