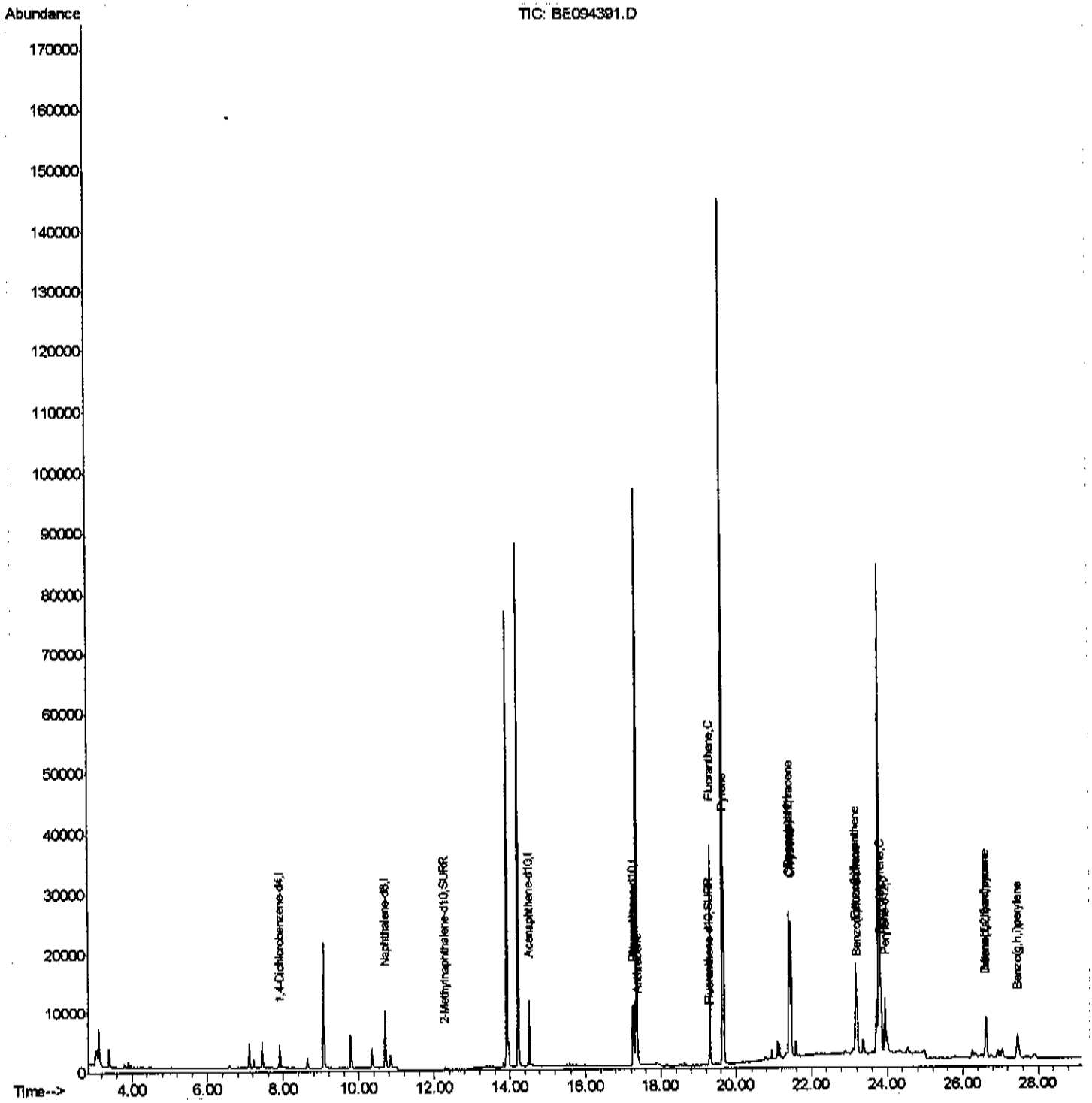
Instrument :
BNA_E
ClientSampleId :
C0AB2DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:18 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094391.D
Acq On : 15 Oct 2017 13:49
Operator : SJ/JU
Sample : I5548-01DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 16 07:26:23 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 06:50:03 2017
Response via : Initial Calibration



Instrument :
BNA_E
ClientSampleId :
C0AB2DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:18 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094391.D
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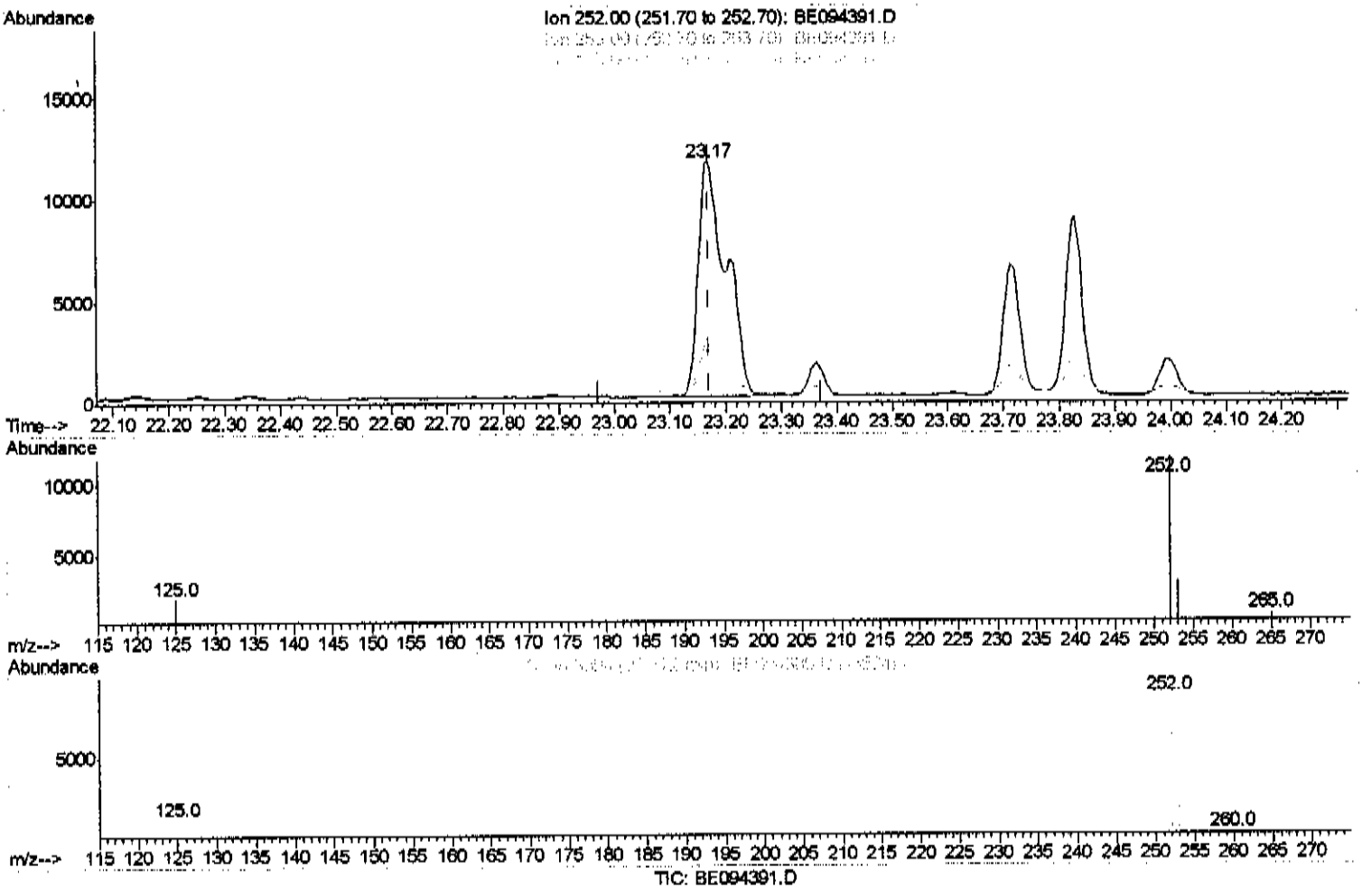
Operator : SJ/JU
Sample : I5548-01DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 16 06:55:26 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 06:50:03 2017
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.167min (-0.005) 1.03ng/ul

response 40327

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.05
125.00	17.50	15.72
0.00	0.00	0.00

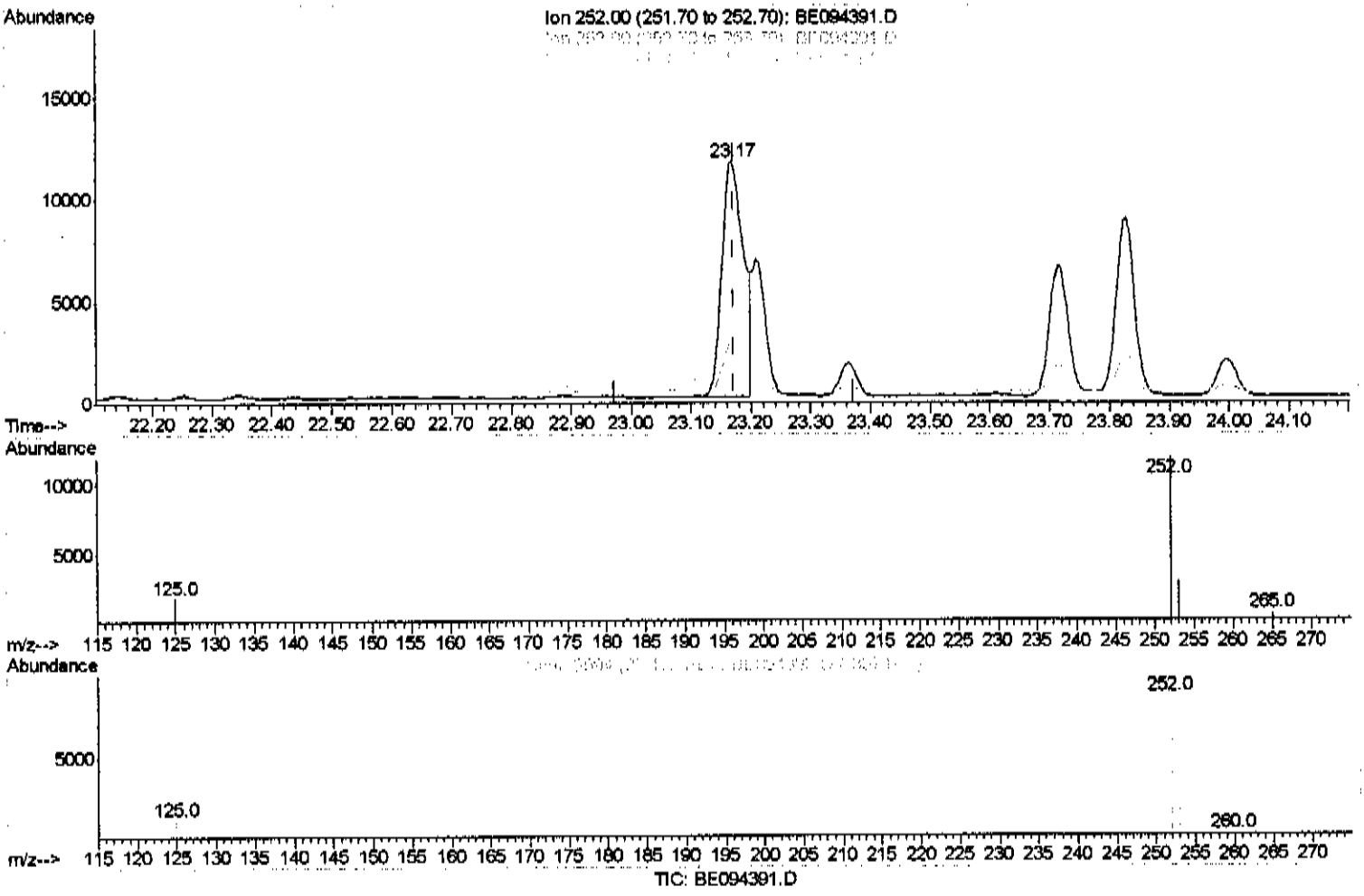
Instrument :
BNA_E
ClientSampleId :
C0AB2DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:18 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094391.D
Acq On : 15 Oct 2017 13:49
Operator : SJ/JU
Sample : IS548-01DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 16 06:55:26 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 06:50:03 2017
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.167min (-0.005) 0.76ng/ul m JU 10/16/17

response 29786

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.05
125.00	17.50	15.72
0.00	0.00	0.00

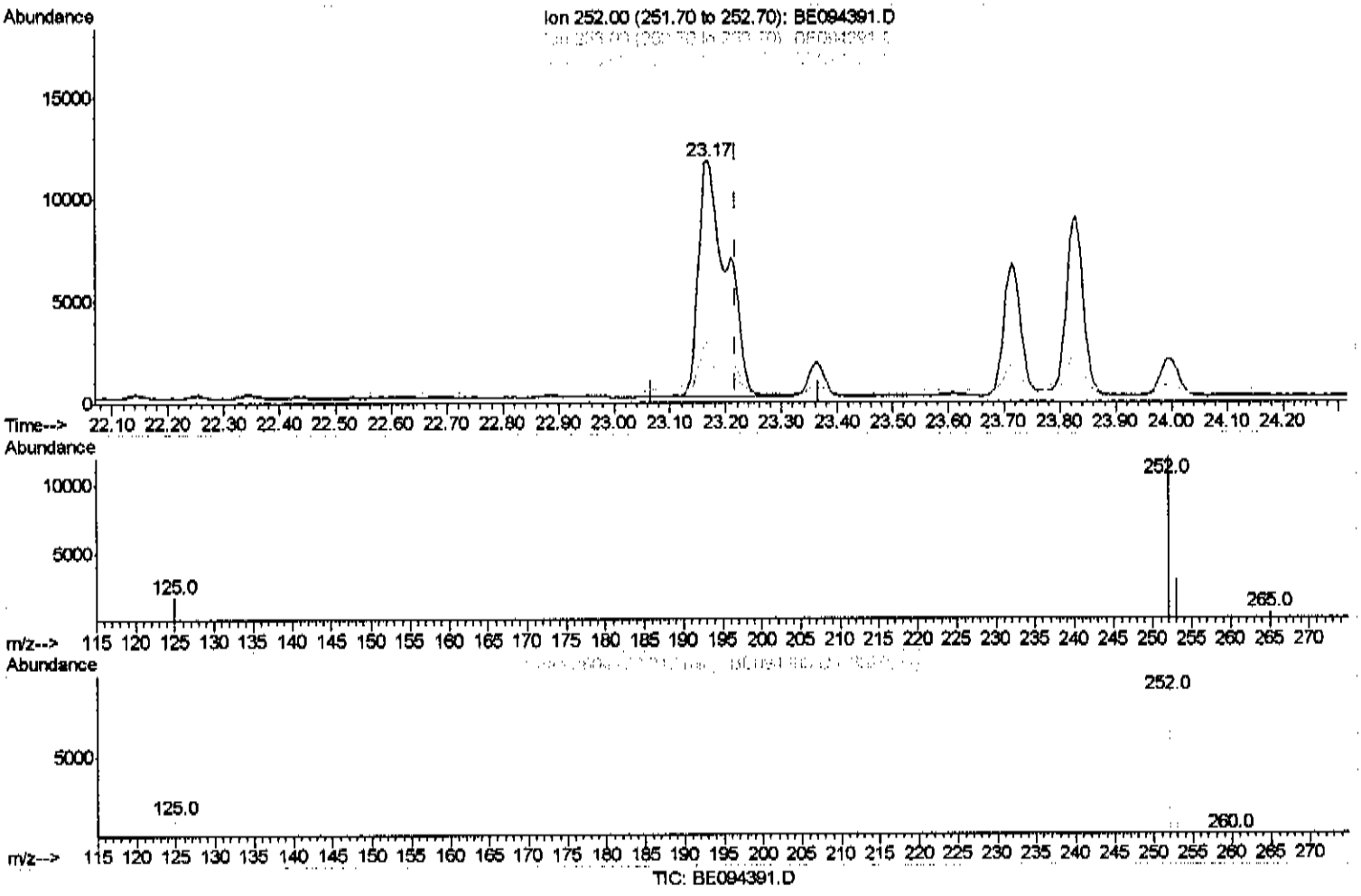
Instrument :
BNA_E
ClientSampleId :
C0AB2DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:18 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094391.D
Acq On : 15 Oct 2017 13:49
Operator : SJ/JU
Sample : I5548-01DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 16 06:55:26 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 06:50:03 2017
Response via : Initial Calibration



TIC: BE094391.D

(22) Benzo(k)fluoranthene

23.167min (-0.050) 0.89ng/ul

response 40316

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.05
125.00	17.10	15.72
0.00	0.00	0.00

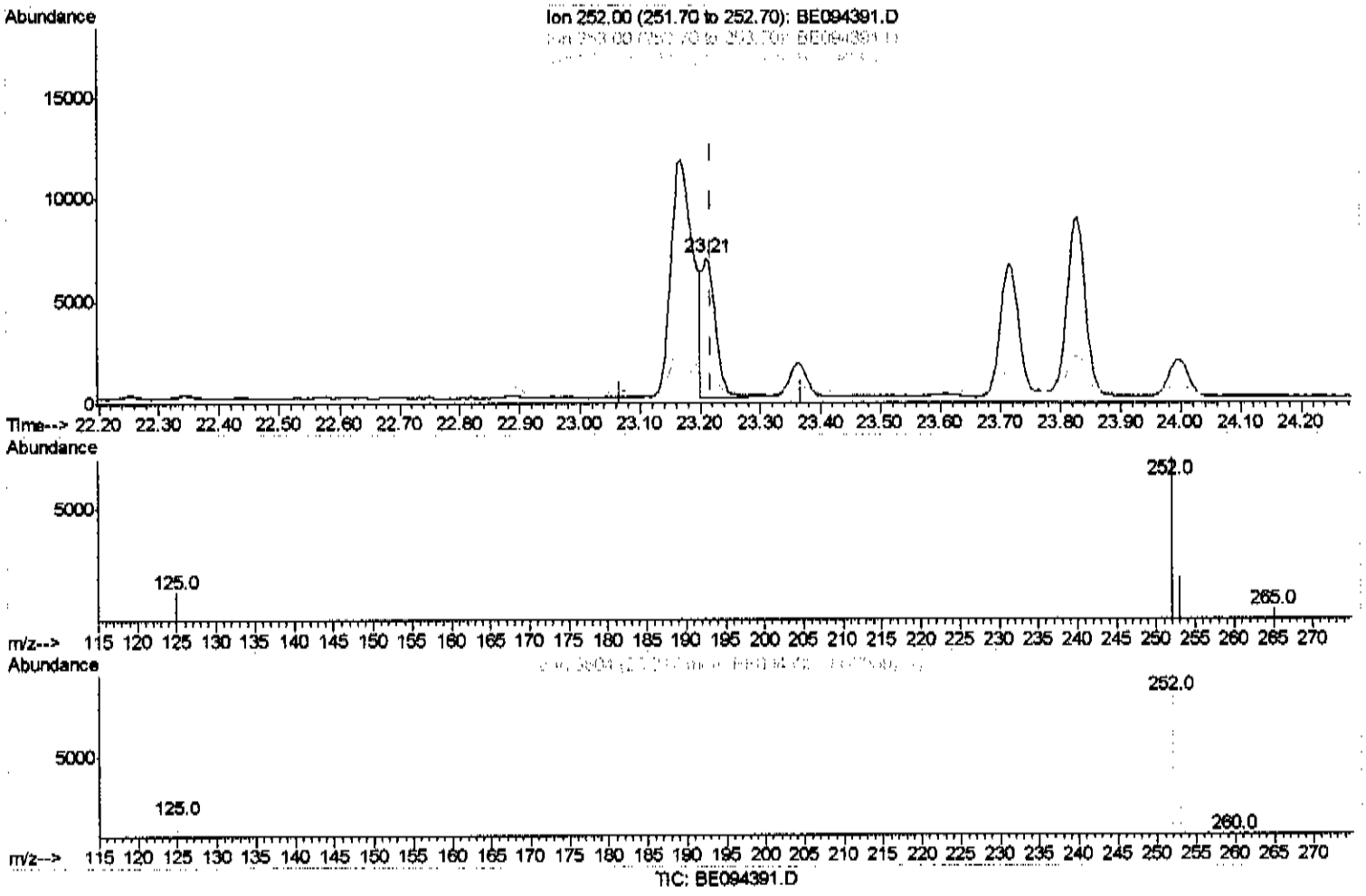
Instrument :
BNA_E
ClientSampleId :
C0AB2DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:18 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094391.D
Acq On : 15 Oct 2017 13:49
Operator : SJ/JU
Sample : I5548-01DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 16 06:55:26 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 06:50:03 2017
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.208min (-0.009) 0.23ng/ul m JU 10/16/17

response 10417

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.45
125.00	17.10	19.04
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AB2DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:18 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094391.D
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Quant Time: Oct 16 07:26:23 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 06:50:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2042	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10901	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6614	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14918	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	14697	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	14440	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	692	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1798	0.04	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.29	178	11823	0.303	ng/ul#	90
13) Anthracene	17.38	178	2190	0.058	ng/ul#	93
15) Fluoranthene	19.31	202	41832	0.817	ng/ul	84
17) Pyrene	19.67	202	35357	0.865	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	20547	0.527	ng/ul#	88
19) Chrysene	21.45	228	24006	0.533	ng/ul	98
21) Benzo(b)fluoranthene	23.17	252	29786m	0.759	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	10417m	0.230	ng/ul	
23) Benzo(a)pyrene	23.83	252	18565	0.455	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.61	276	12718	0.305	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.61	278	3561	0.102	ng/ul#	71
26) Benzo(g,h,i)perylene	27.45	276	10433	0.290	ng/ul	93

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

→ JU 10/16/17