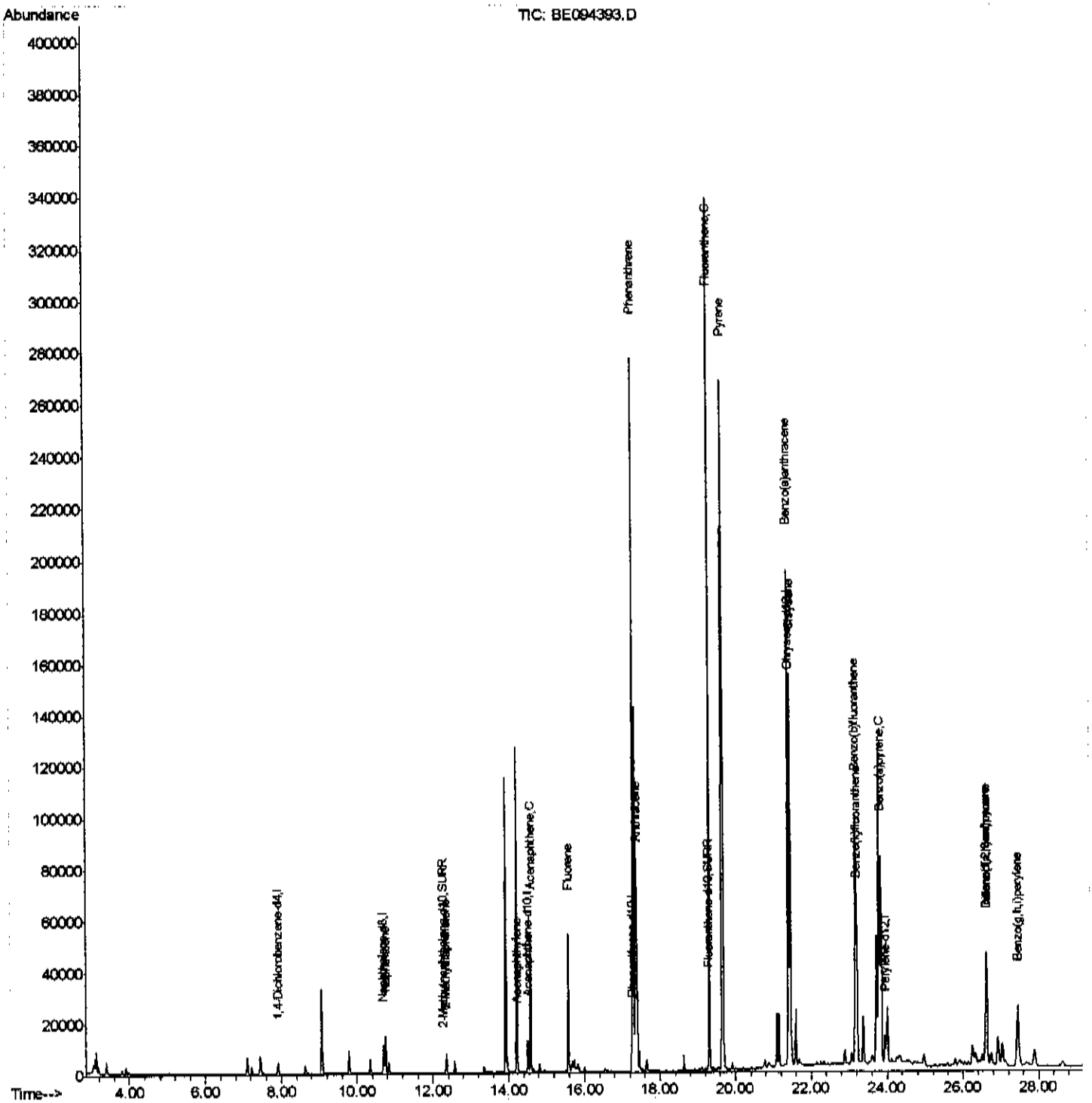
Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:22 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094393.D
Acq On : 15 Oct 2017 15:04
Operator : SJ/JU
Sample : I5548-21DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 16 07:31:36 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 :
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ClientSampleId :
C0AE7DL

Manual Integrations APPROVED
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Quantitation Report (Qedit)

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Data File : BE094393.D
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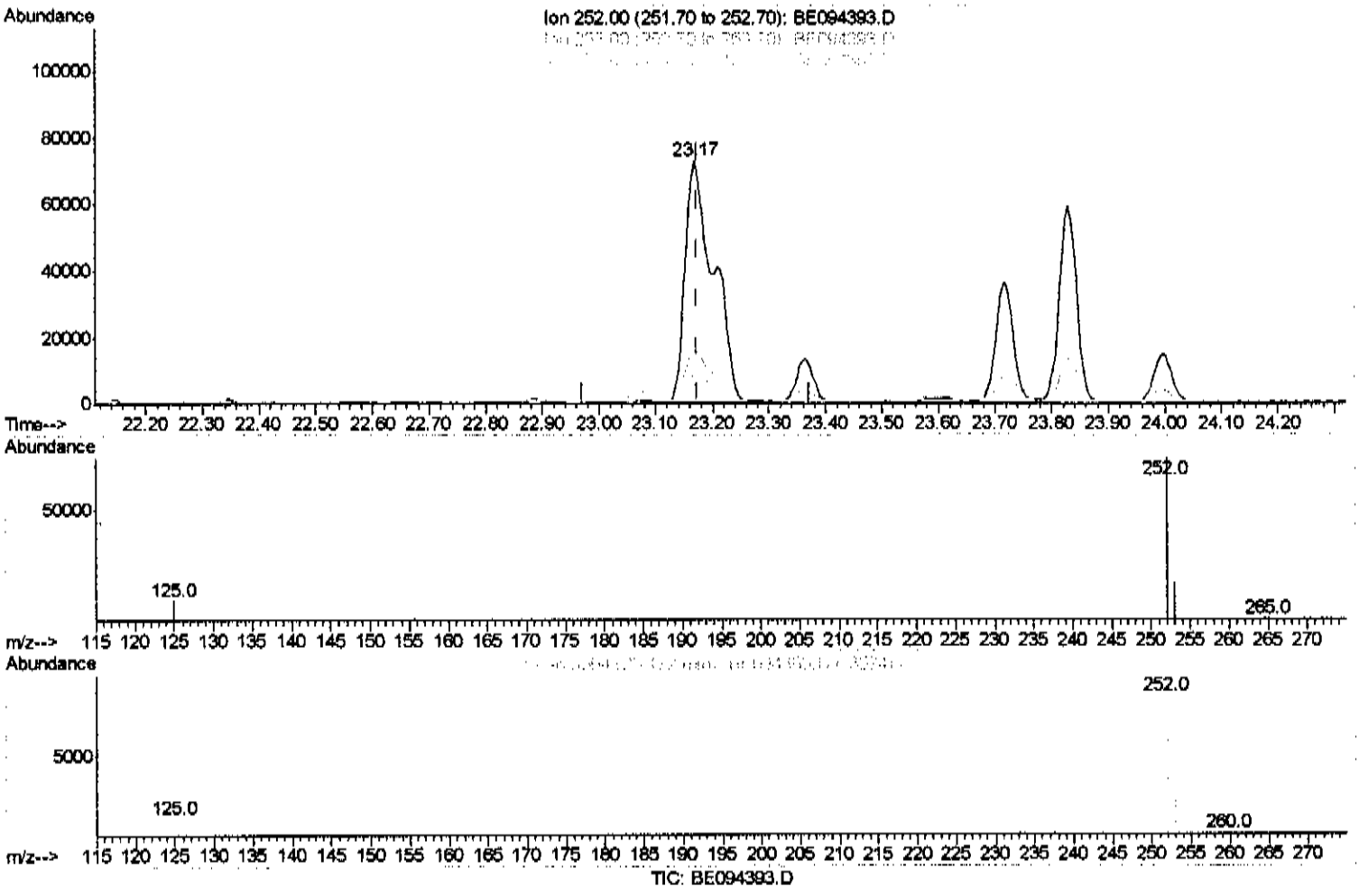
Operator : SJ/JU
Sample : I5548-21DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 16 06:55:43 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) 5.98ng/ul

response 250776

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.14
125.00	17.50	12.42
0.00	0.00	0.00

Instrument :
BNA_E
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Manual Integrations APPROVED
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Misc :
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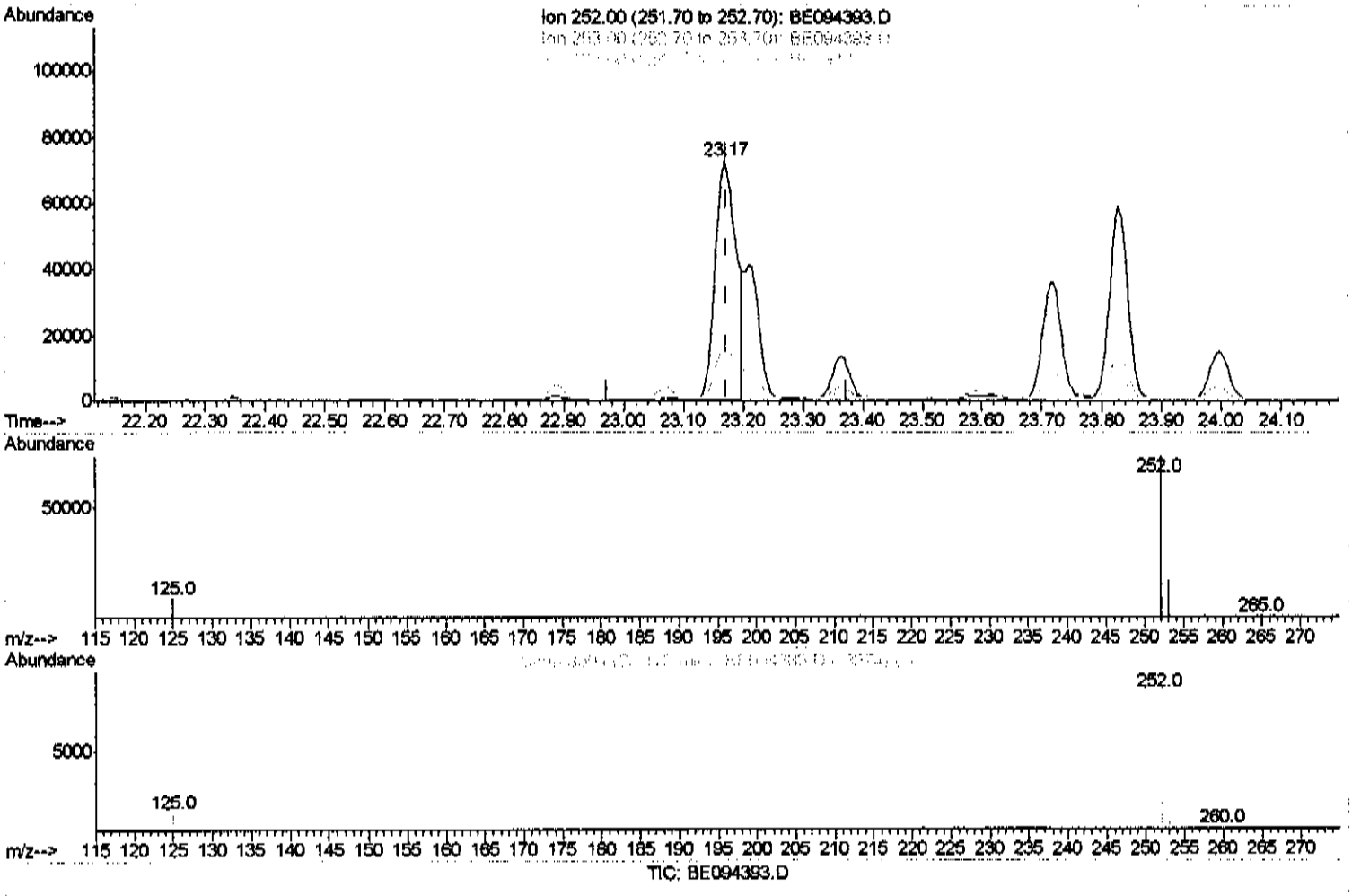


(21) Benzo(b)fluoranthene

23.167min (-0.005) 4.13ng/ul m JU 10/16/17

response 173301

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.14
125.00	17.50	12.42
0.00	0.00	0.00

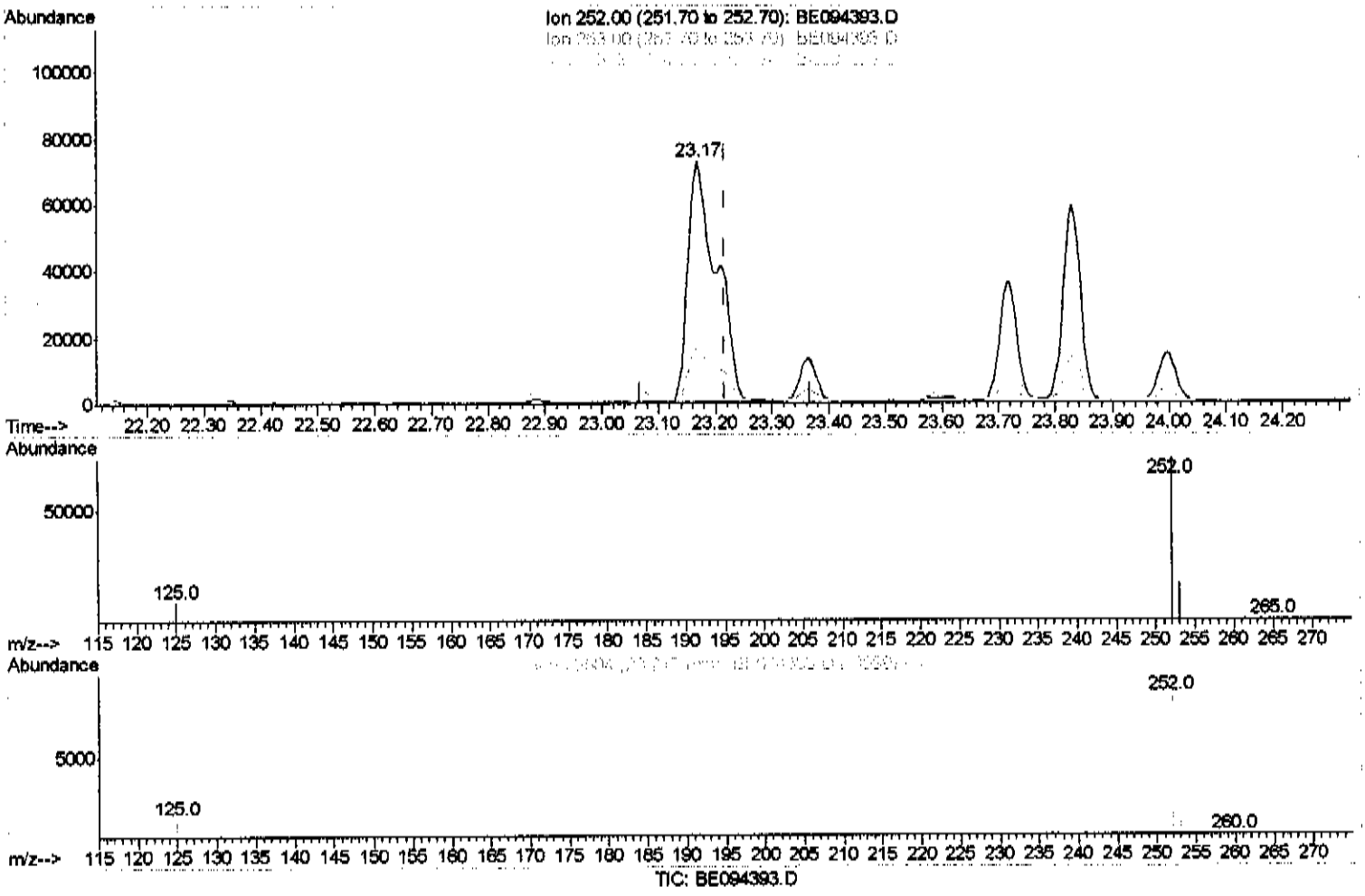
Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:22 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094393.D
Acq On : 15 Oct 2017 15:04
Operator : SJ/JU
Sample : I5548-21DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 16 06:55:43 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: BE094393.D

(22) Benzo(k)fluoranthene

23.167min (-0.050) 5.17ng/ul

response 250776

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.14#
125.00	17.10	12.42#
0.00	0.00	0.00

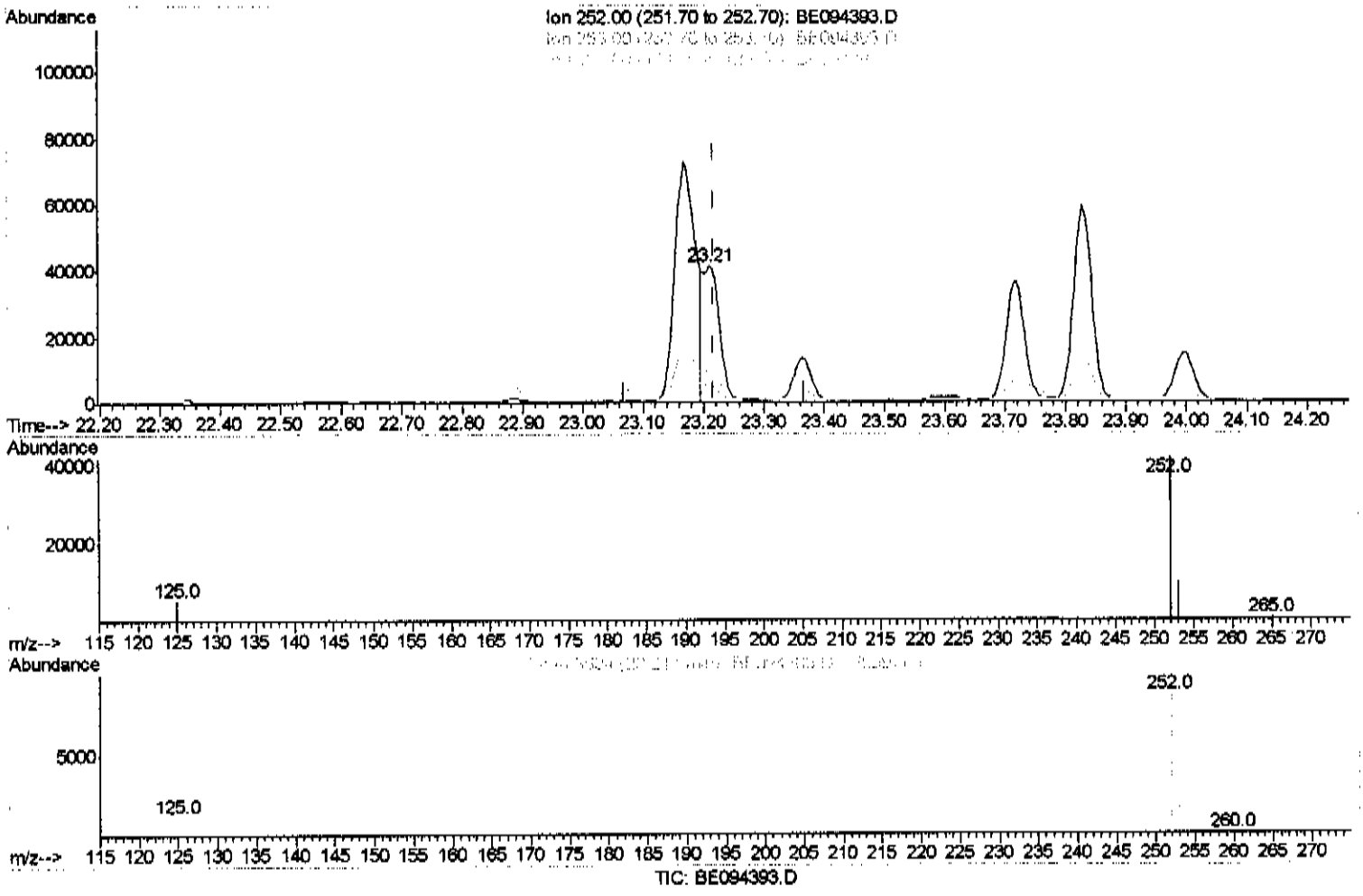
Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:22 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094393.D
Acq On : 15 Oct 2017 15:04
Operator : SJ/JU
Sample : I5548-21DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 16 06:55:43 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) 1.60ng/ul m JU 10/16/17

response 77774

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.46#
125.00	17.10	13.23#
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:22 PM

Quantitation Report (QT Reviewed)

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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	2263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	12115	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	7317	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16436	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	16470	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	15444	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1016	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2673	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	22904	0.772	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	7899	0.410	ng/ul	98
7) Acenaphthylene	14.24	152	1884	0.066	ng/ul#	88
8) Acenaphthene	14.58	153	33900	1.443	ng/ul	97
9) Fluorene	15.57	166	34962	1.271	ng/ul#	94
12) Phenanthrene	17.29	178	299356	6.970	ng/ul#	89
13) Anthracene	17.38	178	84074	2.013	ng/ul#	90
15) Fluoranthene	19.31	202	376398	6.670	ng/ul	84
17) Pyrene	19.67	202	290105	6.331	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	183266	4.194	ng/ul#	86
19) Chrysene	21.45	228	152753	3.027	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	173301m	4.131	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	77774m	1.604	ng/ul	
23) Benzo(a)pyrene	23.83	252	125054	2.869	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.61	276	76397	1.713	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.62	278	22471	0.601	ng/ul	97
26) Benzo(g,h,i)perylene	27.44	276	57858	1.504	ng/ul	98

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

→ JU 10/16/17