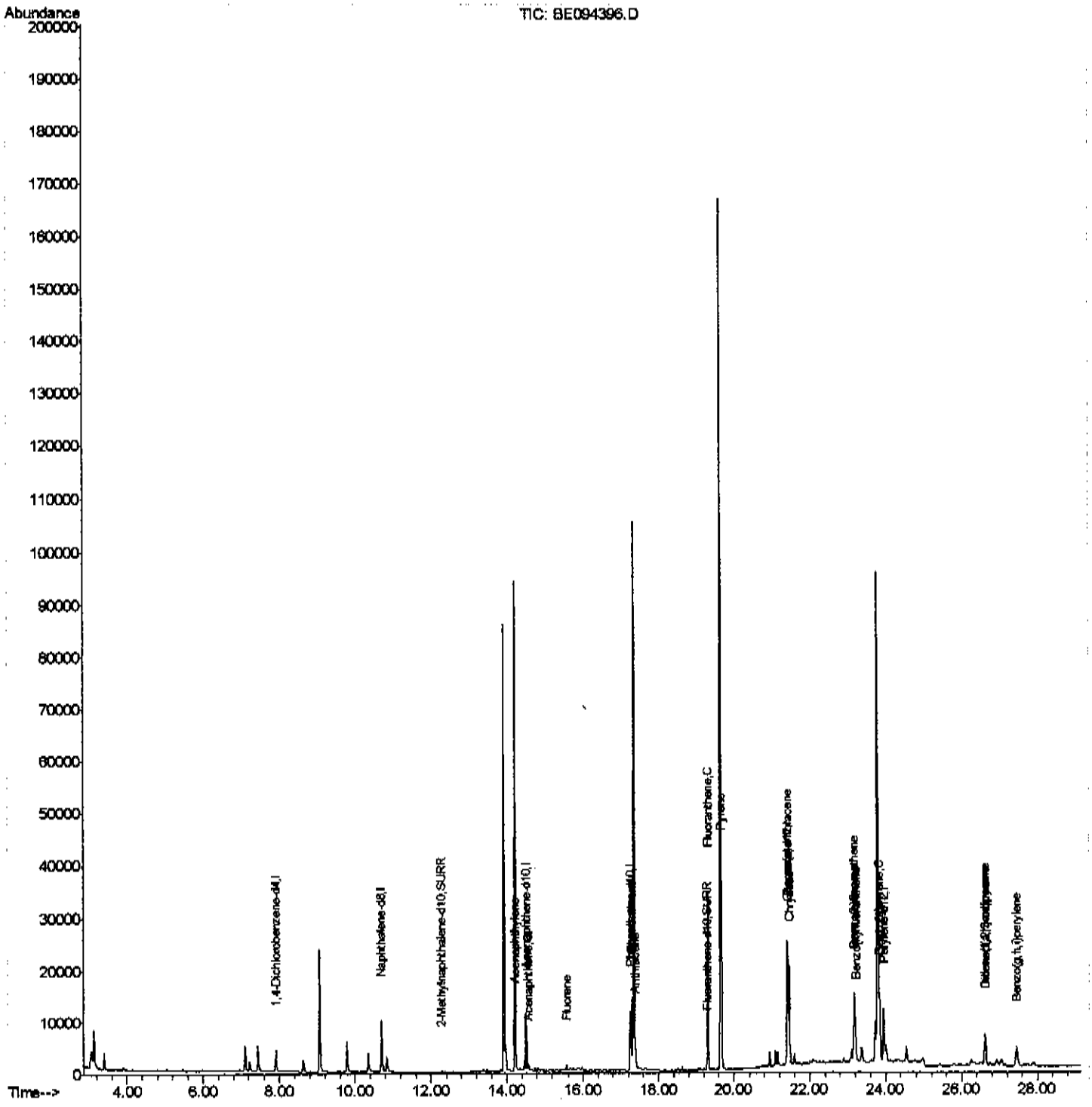
Instrument :
BNA_E
ClientSampleId :
C0AF6DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:27 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094396.D
Acq On : 15 Oct 2017 16:54
Operator : SJ/JU
Sample : I5548-16DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Oct 16 07:41:53 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



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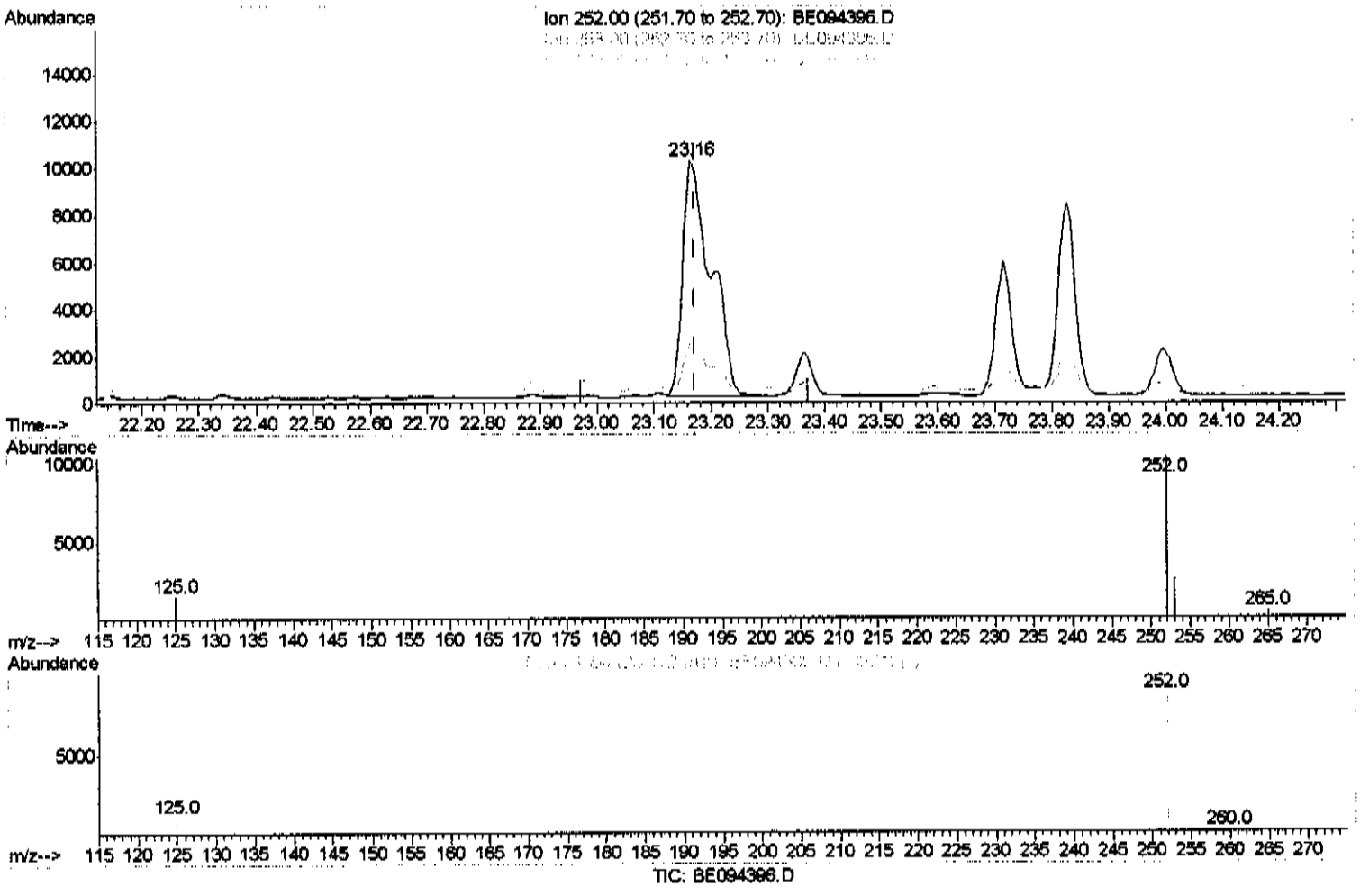

(21) Benzo(b)fluoranthene

23.163min (-0.009) 0.78ng/ul

response 33833

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.37
125.00	17.50	15.68
0.00	0.00	0.00

Instrument :
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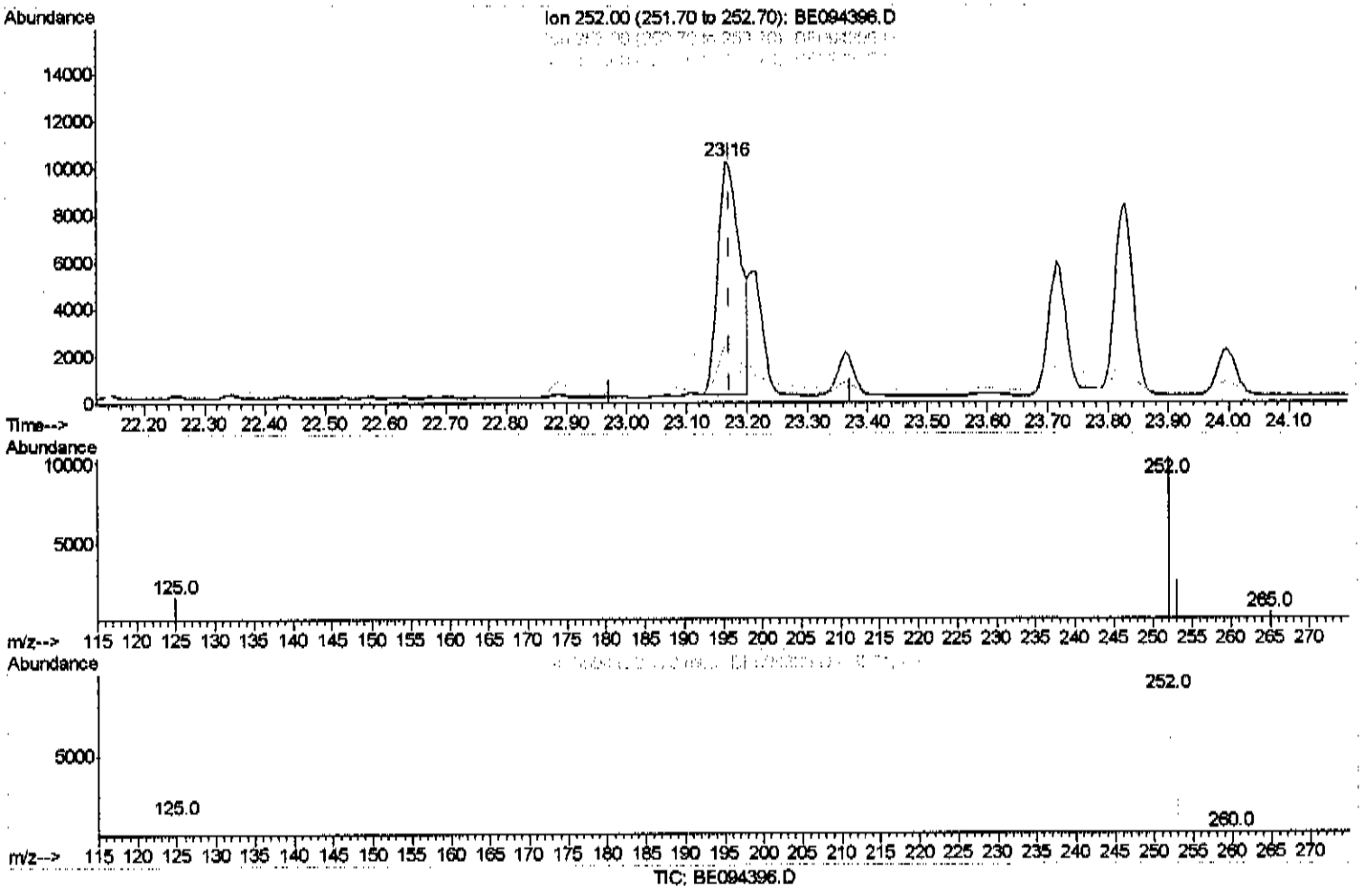

(21) Benzo(b)fluoranthene

23.163min (-0.009) 0.59ng/ul m JU 10/16/17

response 25478

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.37
125.00	17.50	15.68
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AF6DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:27 PM

Quantitation Report (Qedit)

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Misc :
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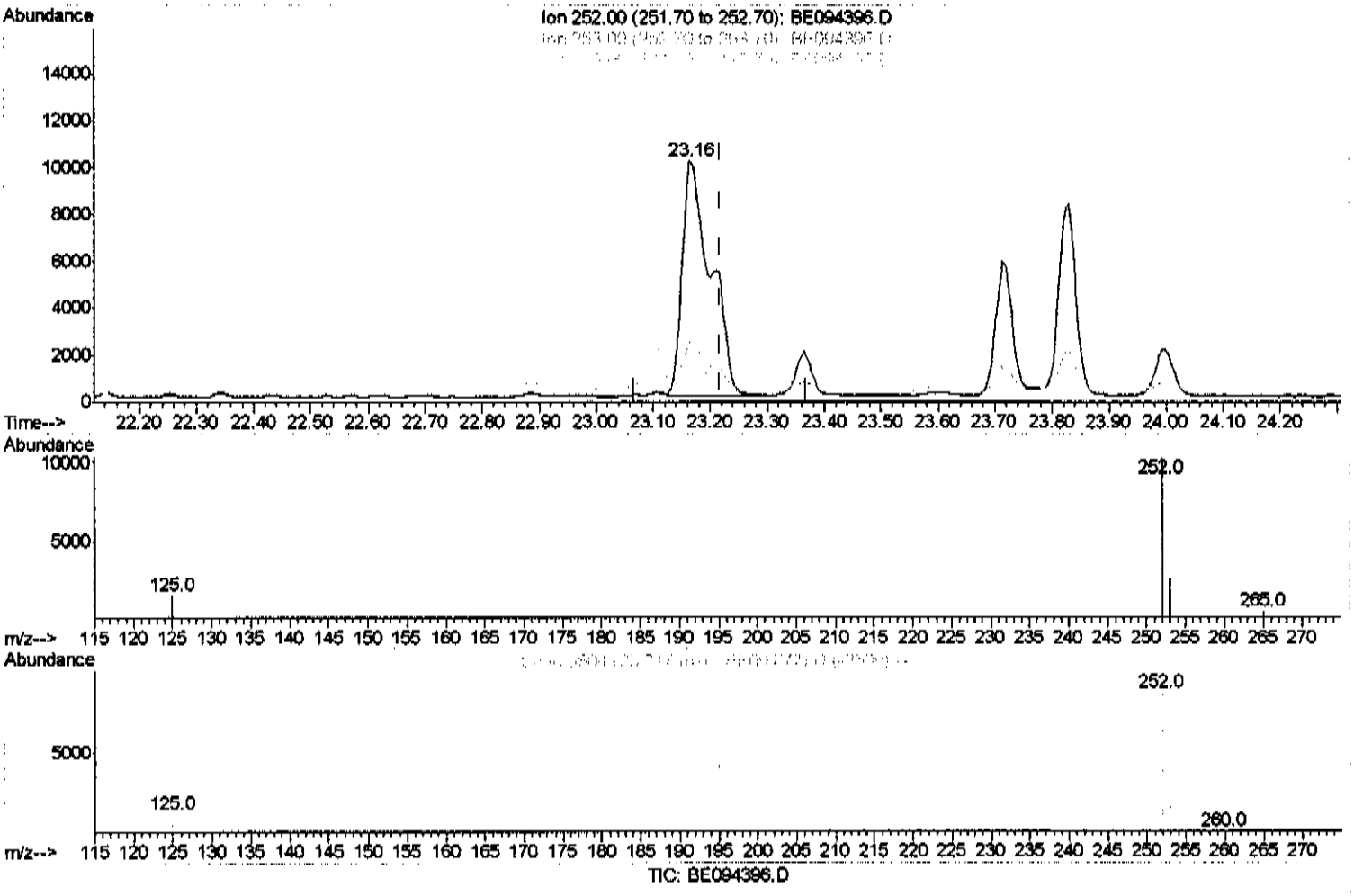
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 06:50:03 2017
Response via : Initial Calibration



TIC: BE094396.D

(22) Benzo(k)fluoranthene

23.163min (-0.054) 0.68ng/ul

response 33822

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.37
125.00	17.10	15.68
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AF6DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:27 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094396.D
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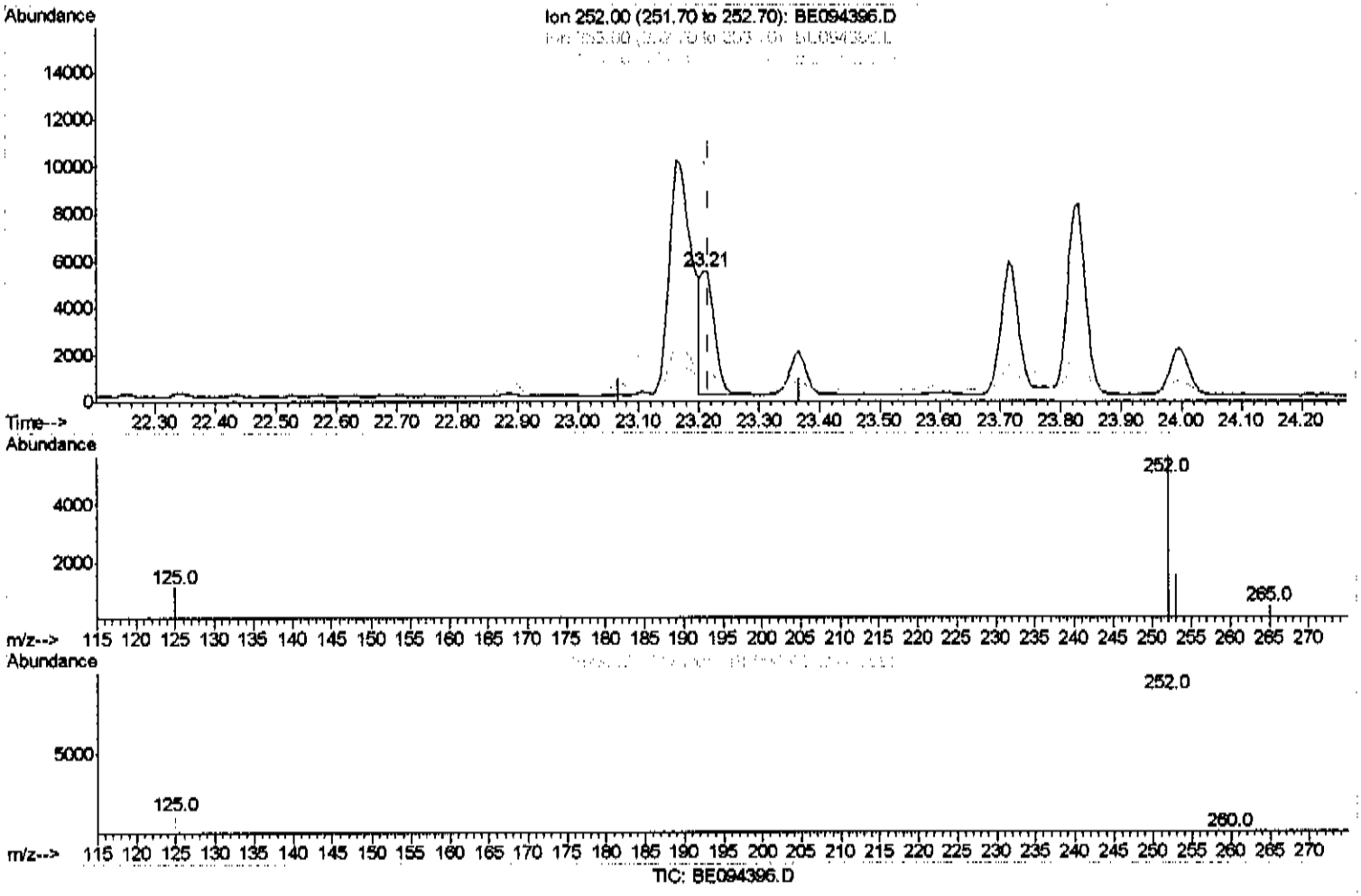
Operator : SJ/JU
Sample : I5548-16DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Oct 16 06:56:16 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

23.209min (-0.009) 0.17ng/ul m JU 10/16/17

response 8302

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	29.05
125.00	17.10	21.31#
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AF6DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:27 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	2143	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11183	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6867	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16267	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	16297	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	15866	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	731	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2039	0.04	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.24	152	828	0.031	ng/ul#	81
8) Acenaphthene	14.58	153	578	0.026	ng/ul	97
9) Fluorene	15.57	166	715	0.028	ng/ul#	88
12) Phenanthrene	17.29	178	15494	0.364	ng/ul#	90
13) Anthracene	17.38	178	3533	0.085	ng/ul	92
15) Fluoranthene	19.31	202	39087	0.700	ng/ul	84
17) Pyrene	19.67	202	37198	0.820	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	20175	0.467	ng/ul#	88
19) Chrysene	21.45	228	20585	0.412	ng/ul	97
21) Benzo(b)fluoranthene	23.16	252	25478m	0.591	ng/ul	→ JU 10/16/17
22) Benzo(k)fluoranthene	23.21	252	8302m	0.167	ng/ul	
23) Benzo(a)pyrene	23.83	252	17216	0.384	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.61	276	11482	0.251	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.61	278	3162	0.082	ng/ul#	69
26) Benzo(g,h,i)perylene	27.45	276	9325	0.236	ng/ul	94

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