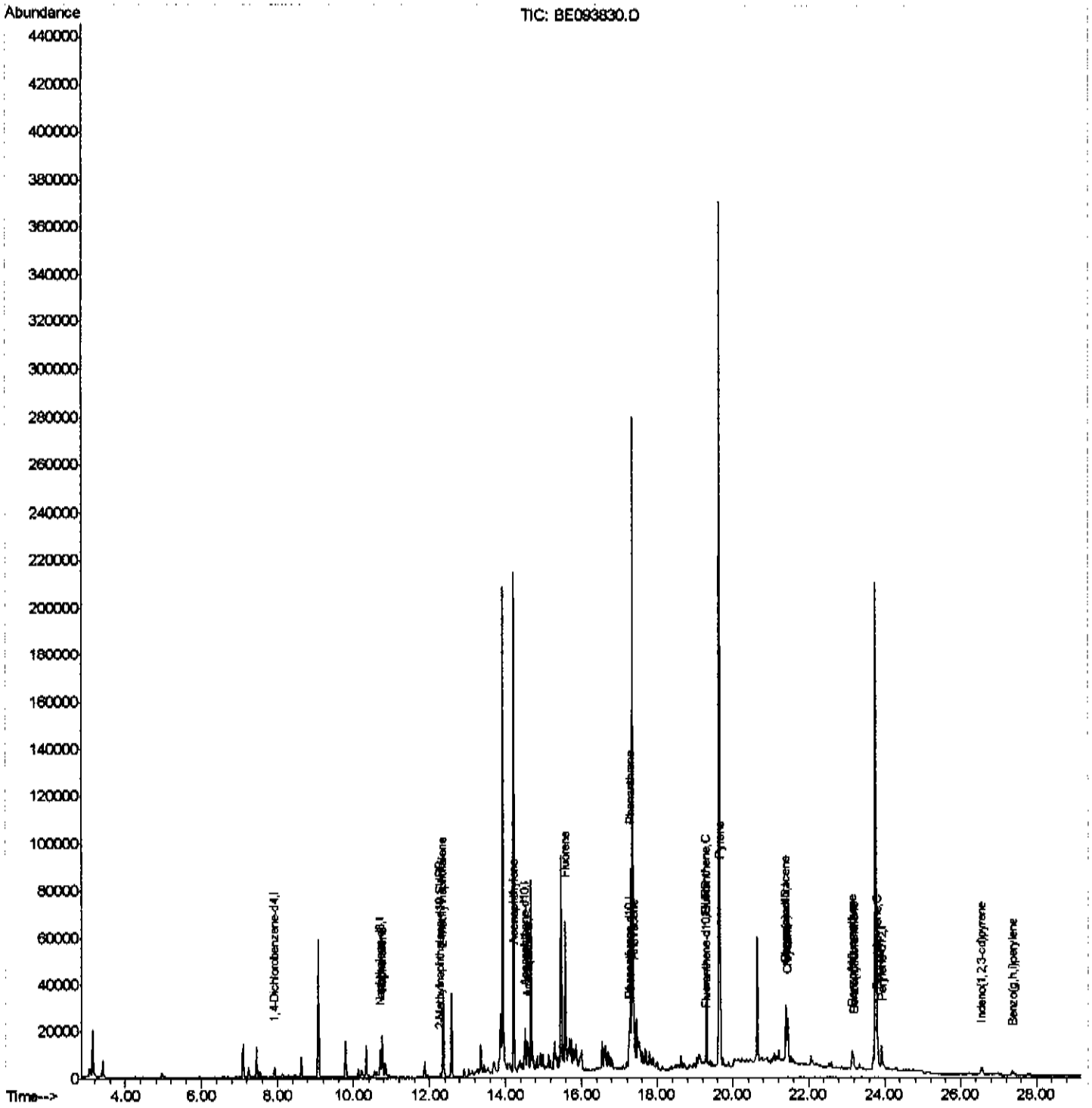
Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Manual Integrations APPROVED
Sohil
8/16/2017 6:43:06 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081517\
Data File : BE093830.D
Acq On : 16 Aug 2017 5:05
Operator : SJ/JU
Sample : I4529-11DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 16 08:44:06 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 07:30:49 2017
Response via : Initial Calibration



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ClientSampleId :
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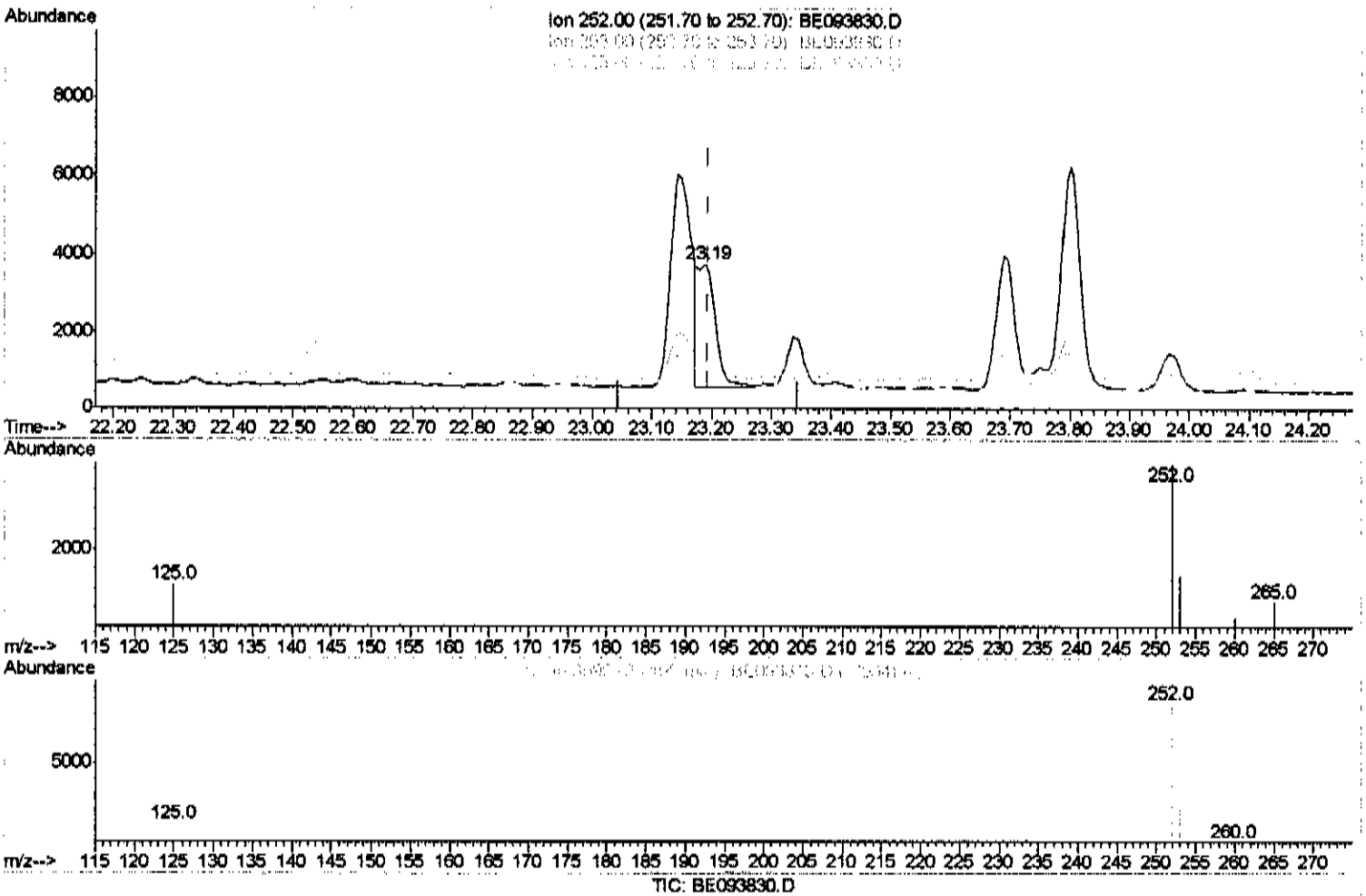
Operator : SJ/JU
Sample : I4529-11DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 16 07:39:14 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 07:30:49 2017
Response via : Initial Calibration



TIC: BE093830.D

(22) Benzo(k)fluoranthene

23.190min (-0.005) 0.12ng/ul m 8/17/17

response 6567

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	39.51#
125.00	17.10	33.95#
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
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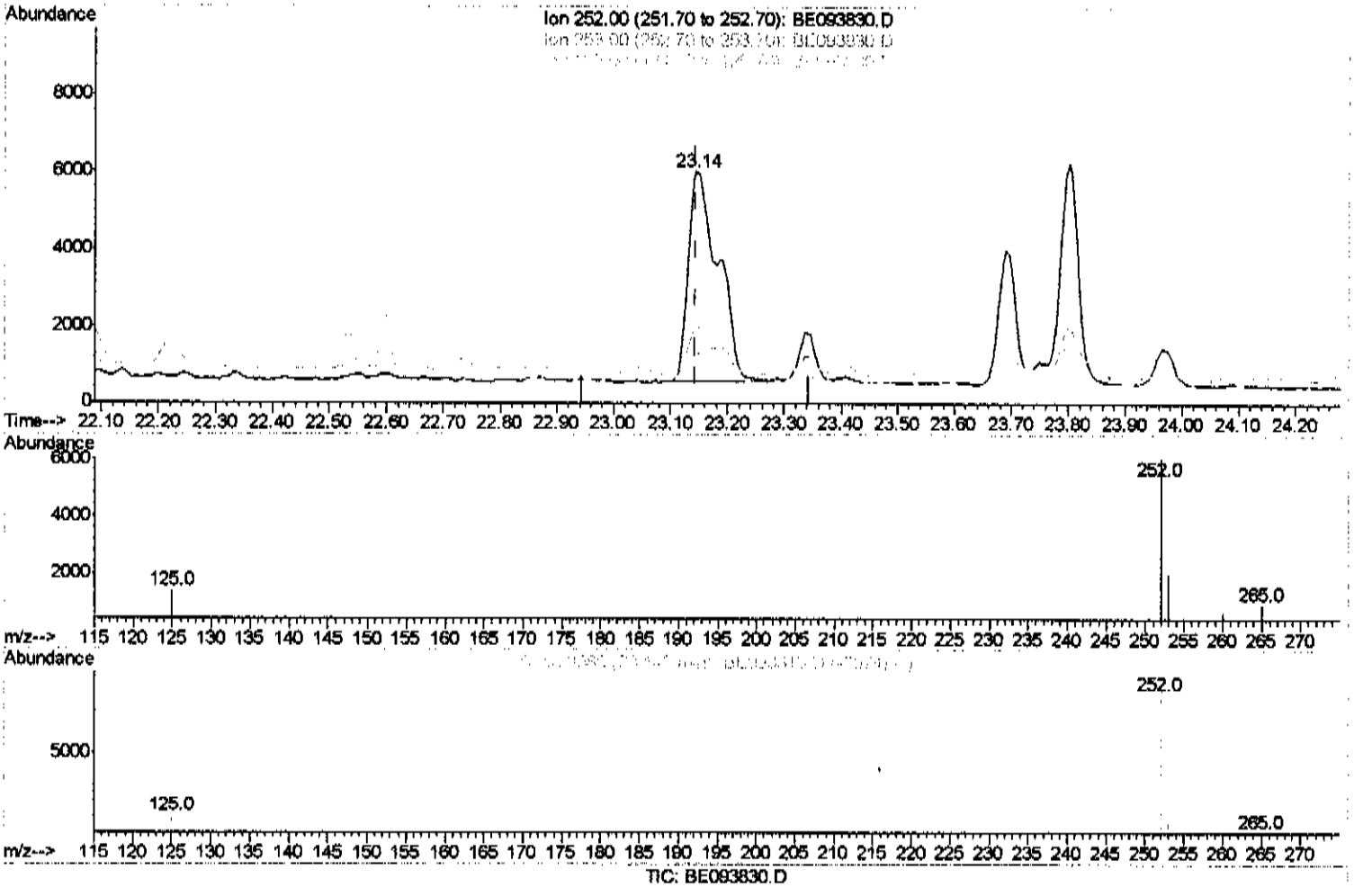

TIC: BE093830.D

(21) Benzo(b)fluoranthene

23.144min (-0.001) 0.37ng/ul

response 19930

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	33.41
125.00	17.50	22.99
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Manual Integrations APPROVED
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8/16/2017 6:43:06 PM

Quantitation Report (Qedit)

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Data File : BE093830.D
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Operator : SJ/JU
Sample : I4529-11DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 16 07:39:14 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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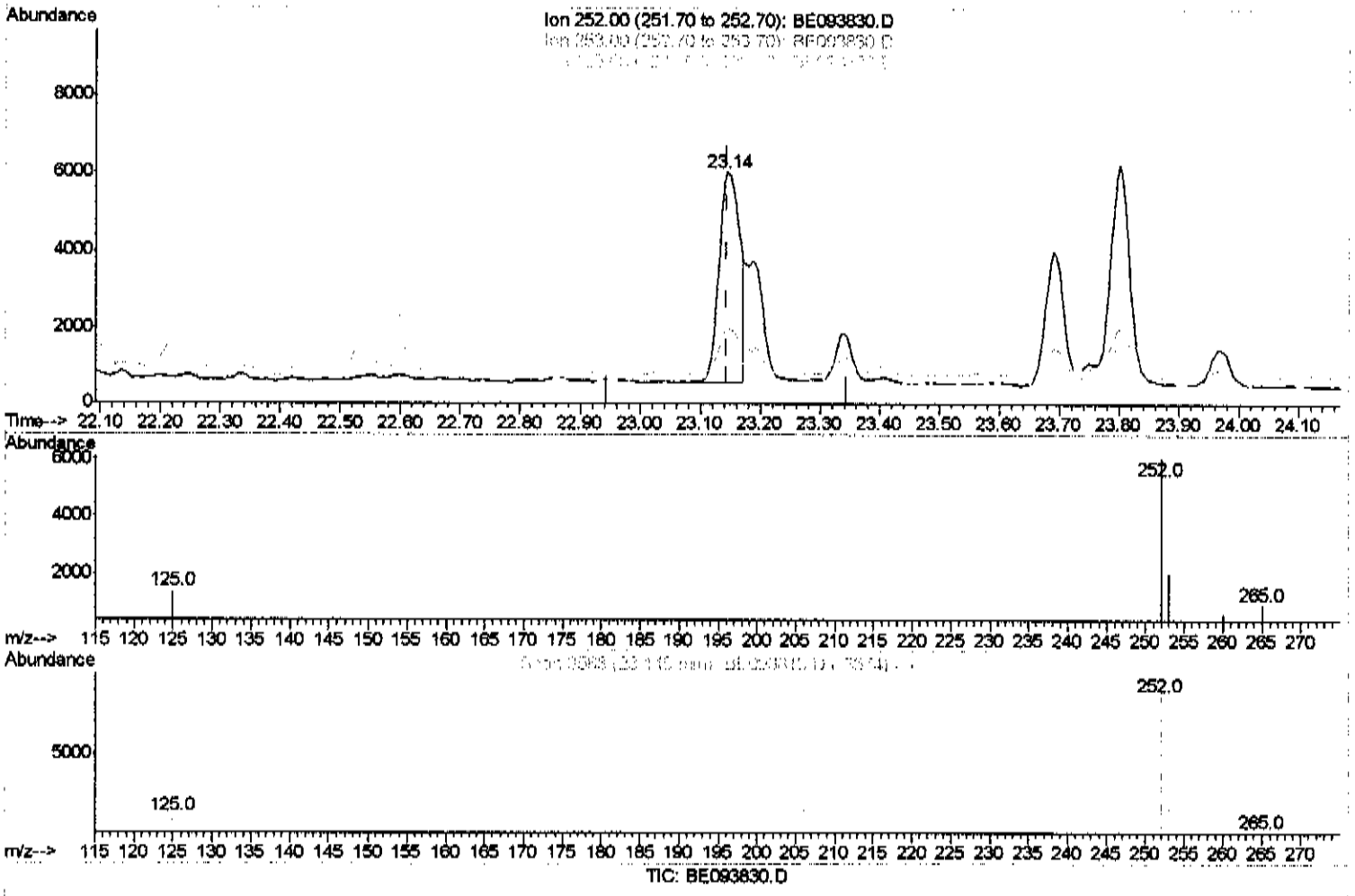

(21) Benzo(b)fluoranthene

23.144min (-0.001) 0.25ng/ul m 8/17/17

response 13310

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	33.41
125.00	17.50	22.99
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Manual Integrations APPROVED
Sohil
8/16/2017 6:43:06 PM

Quantitation Report (Qedit)

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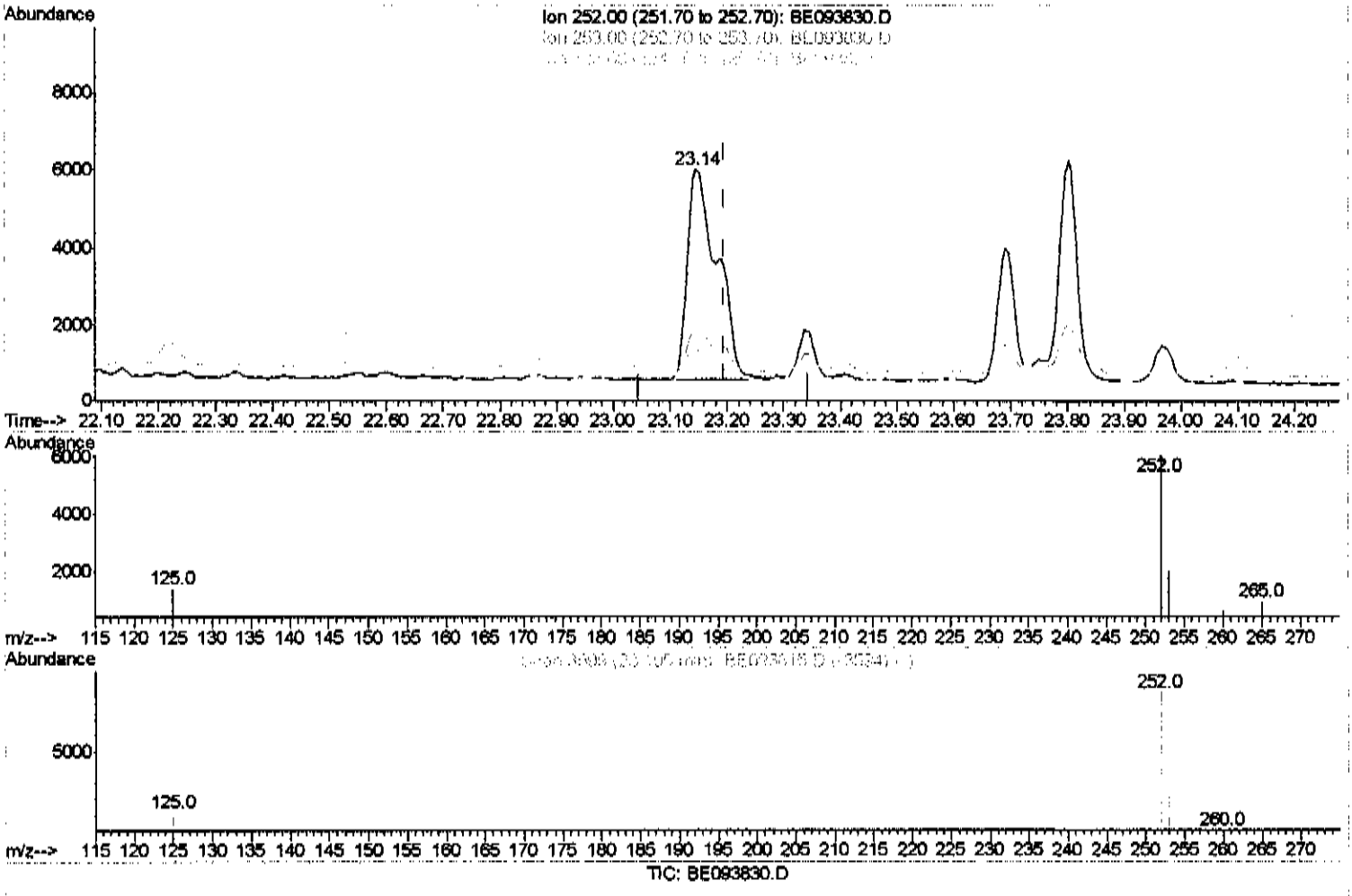

(22) Benzo(k)fluoranthene

23.144min (-0.051) 0.38ng/ul

response 19930

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	33.41
125.00	17.10	22.99#
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Manual Integrations APPROVED
Sohil
8/16/2017 6:43:06 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2363	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12562	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8197	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15988	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16977	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	17238	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1825	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	5255	0.10	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	25019	0.819	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	31561	1.416	ng/ul	100
7) Acenaphthylene	14.24	152	5244	0.153	ng/ul#	65
8) Acenaphthene	14.58	153	7585	0.281	ng/ul	95
9) Fluorene	15.57	166	39407	1.156	ng/ul	92
12) Phenanthrene	17.29	178	93915	2.157	ng/ul#	92
13) Anthracene	17.38	178	23218	0.547	ng/ul#	91
15) Fluoranthene	19.30	202	49573	0.910	ng/ul	83
17) Pyrene	19.66	202	58805	1.187	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	18097	0.368	ng/ul#	81
19) Chrysene	21.45	228	18740	0.397	ng/ul#	82
21) Benzo(b)fluoranthene	23.14	252	13310m	0.250	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	6567m	0.125	ng/ul	
23) Benzo(a)pyrene	23.80	252	12482	0.246	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.55	276	5571	0.099	ng/ul#	83
26) Benzo(g,h,i)perylene	27.37	276	4302	0.091	ng/ul#	82

8/17/17

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