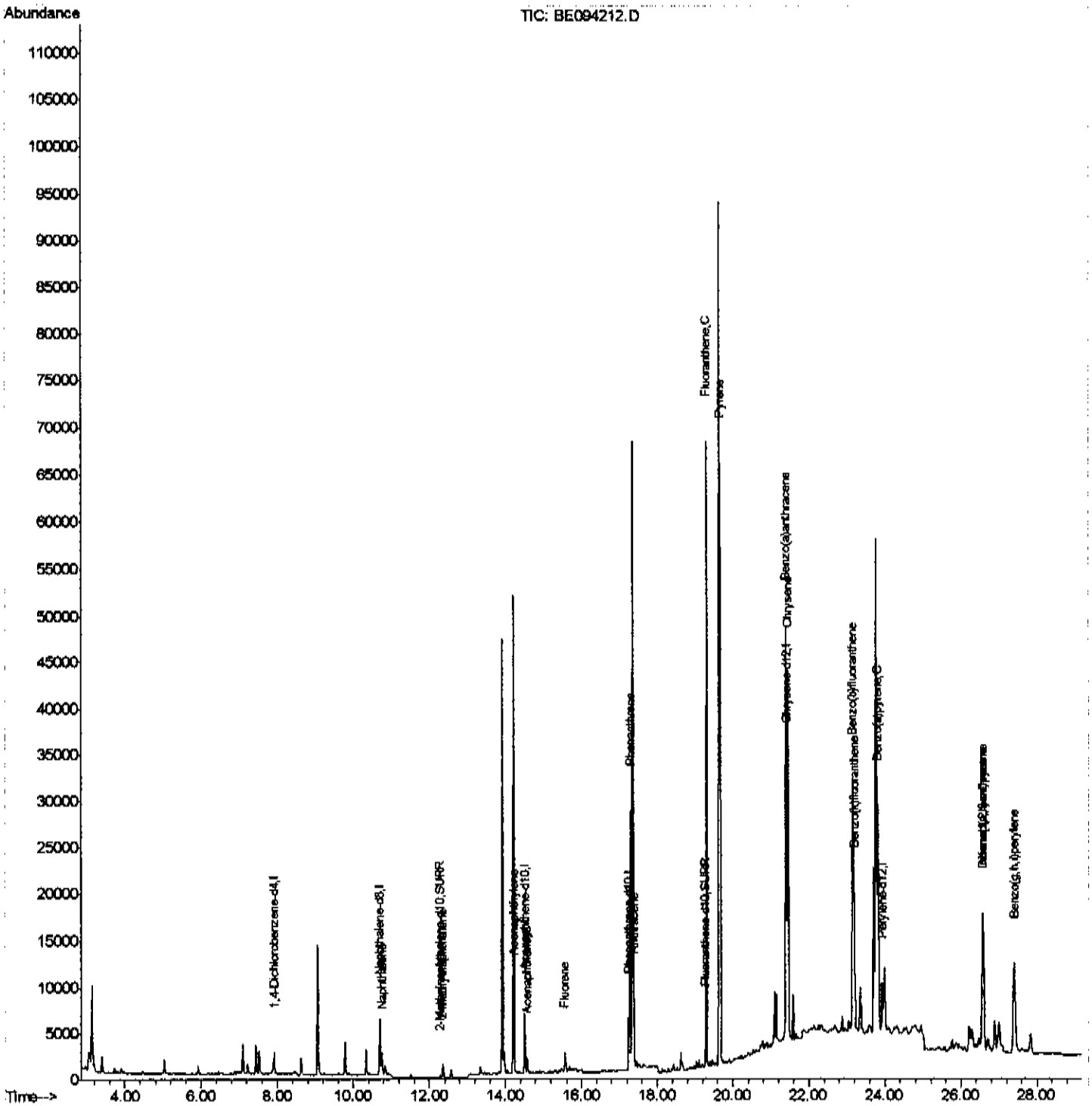
Instrument :
BNA_E
ClientSampleId :
B-60(5-7)-092617DL

Manual Integrations APPROVED
Sohil
10/9/2017 6:53:11 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100717\
Data File : BE094212.D
Acq On : 7 Oct 2017 21:01
Operator : SJ/JU
Sample : I5449-05DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 08 02:24:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration



Instrument :
BNA_E
ClientSampleId :
B-60(5-7)-092617DL

Manual Integrations APPROVED
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Quantitation Report (Qedit)

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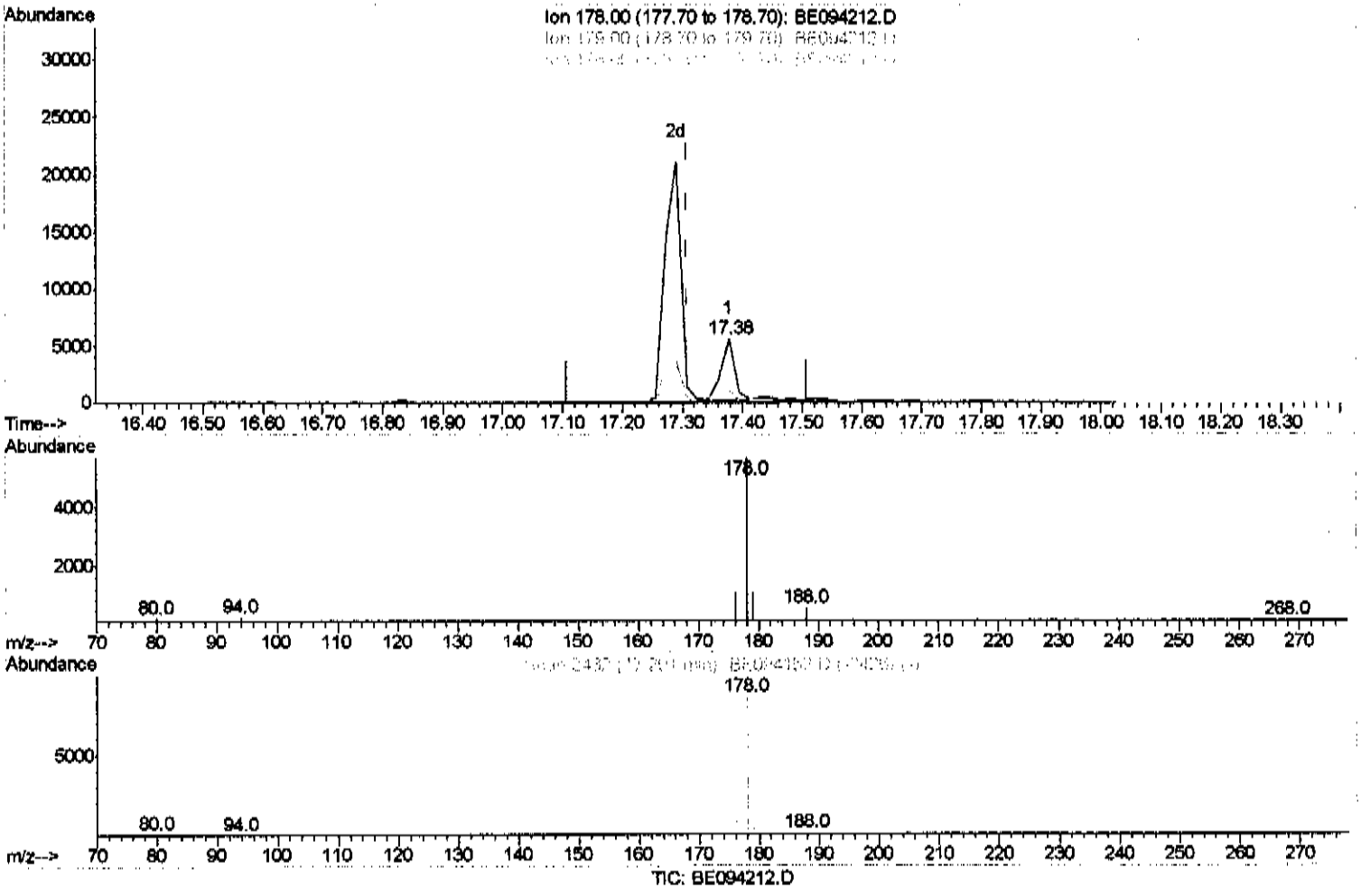
Acq On : 7 Oct 2017 21:01
Operator : SJ/JU
Sample : I5449-05DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 07 23:54:08 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration



(12) Phenanthrene

17.377min (+0.068) 0.38ng/ul

response 8130

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	18.48
176.00	17.00	17.88
0.00	0.00	0.00

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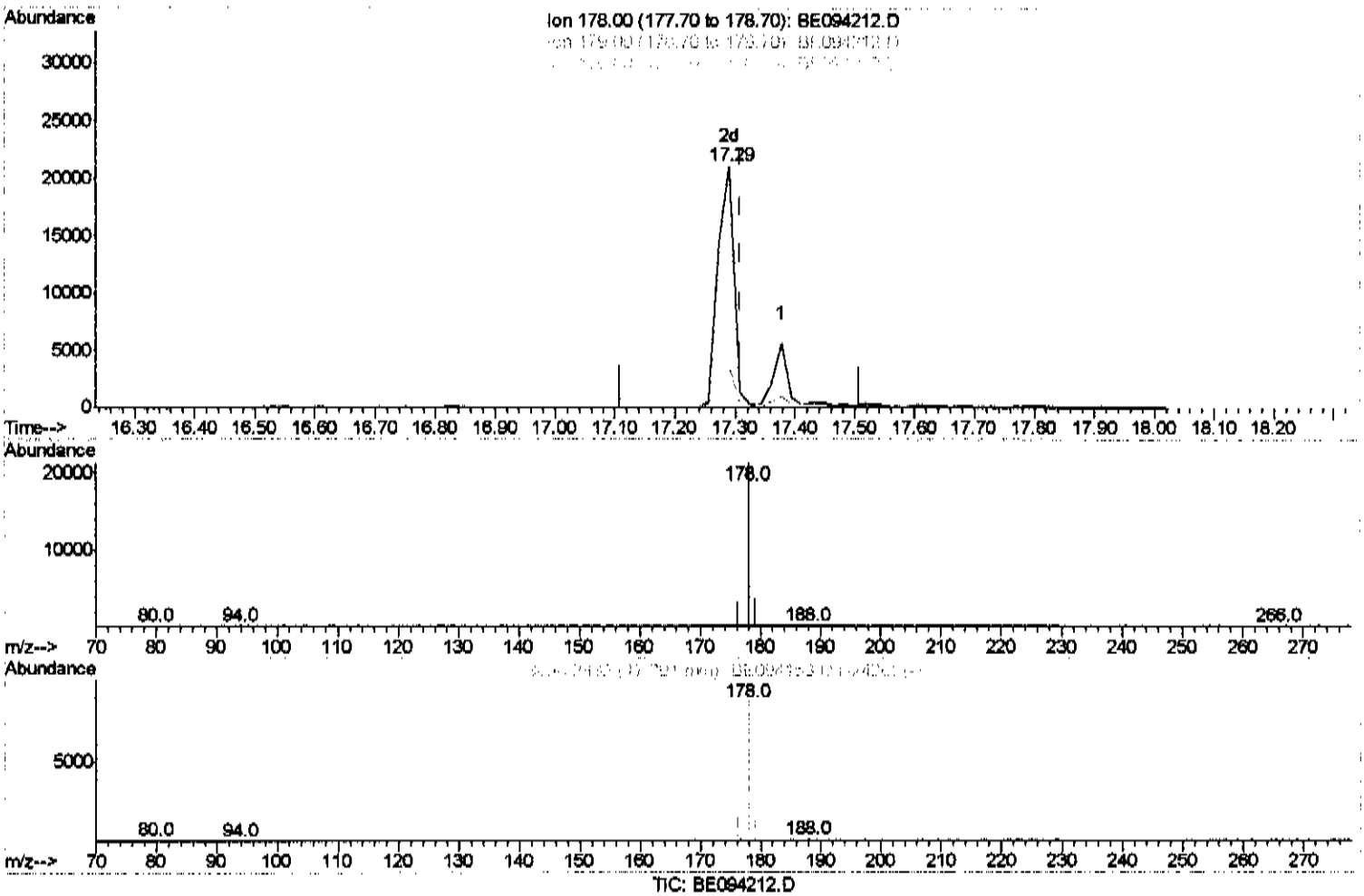

(12) Phenanthrene

17.290min (-0.018) 1.87ng/ul m JU 9/11/17

response 39426

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	17.95#
176.00	17.00	15.91
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
Sohil
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 07 23:54:08 2017
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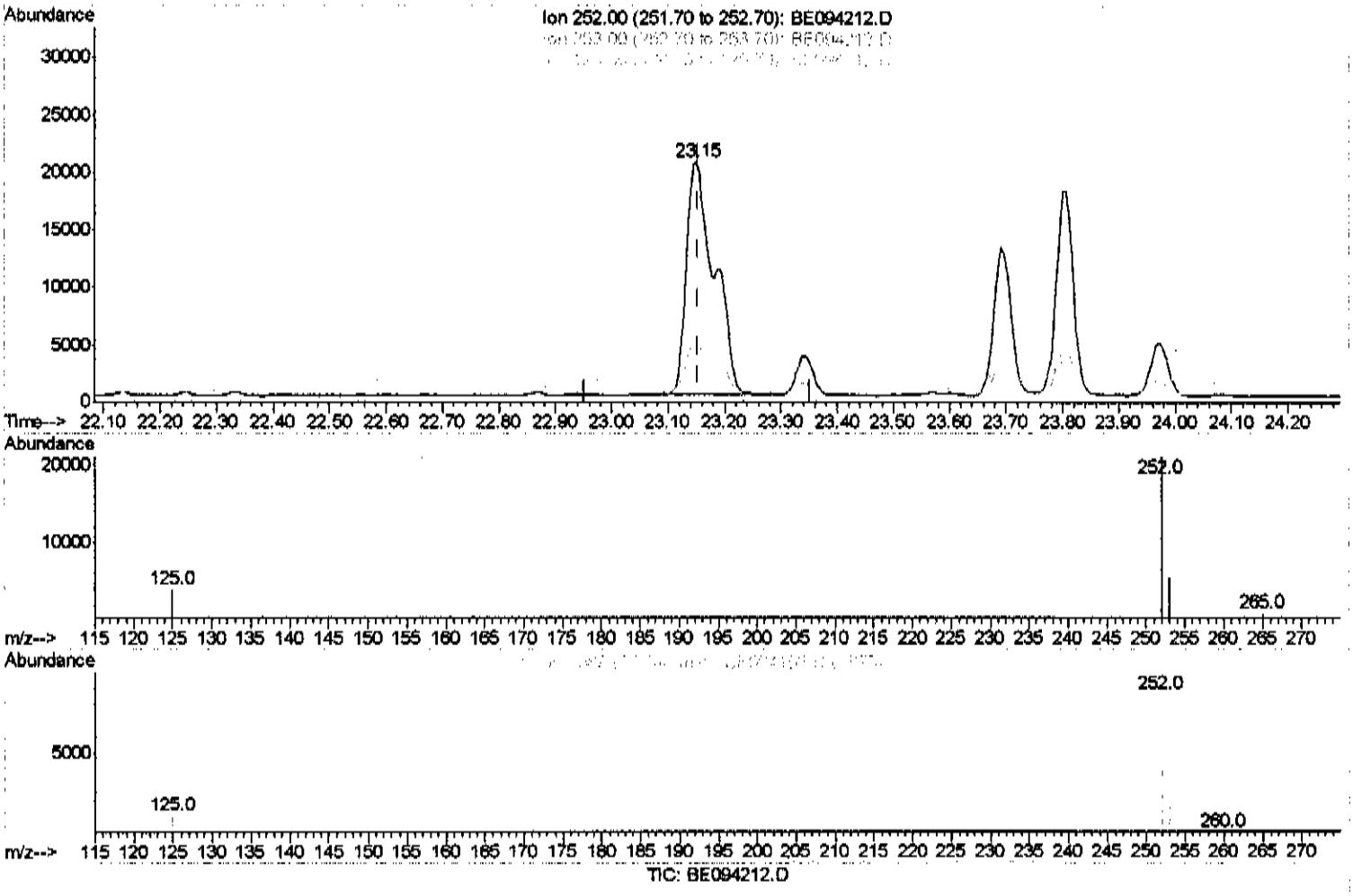

TIC: BE094212.D

(21) Benzo(b)fluoranthene

23.149min (-0.004) 3.37ng/ul

response 69232

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.98
125.00	17.50	18.85
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
B-60(5-7)-092617DL

Manual Integrations APPROVED
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Quantitation Report (Qedit)

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 07 23:54:08 2017
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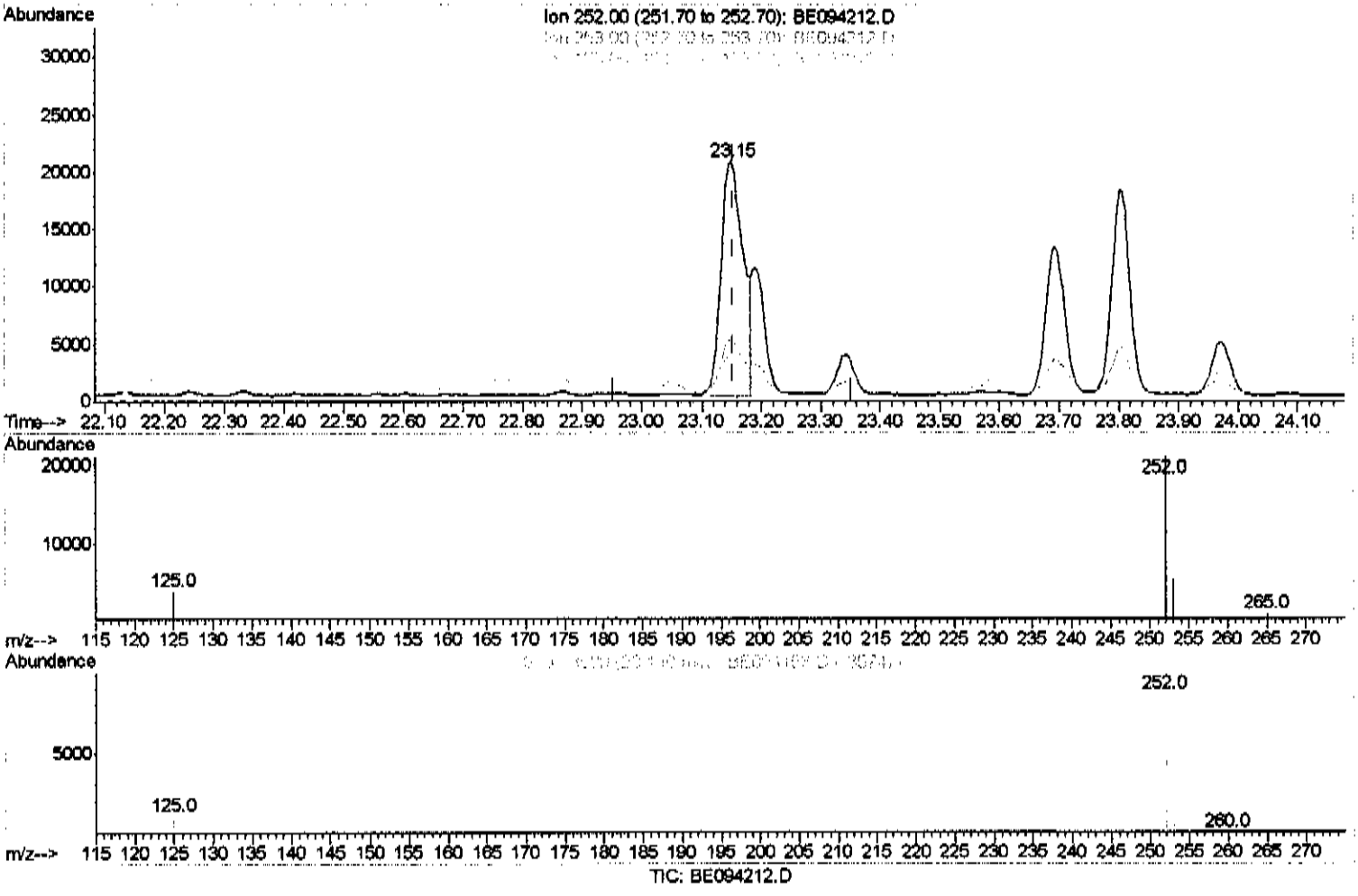

(21) Benzo(b)fluoranthene

23.149min (-0.004) 2.66ng/ul m JU 10/9/17

response 54522

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.98
125.00	17.50	18.85
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
B-60(5-7)-092617DL

Manual Integrations APPROVED
Sohil
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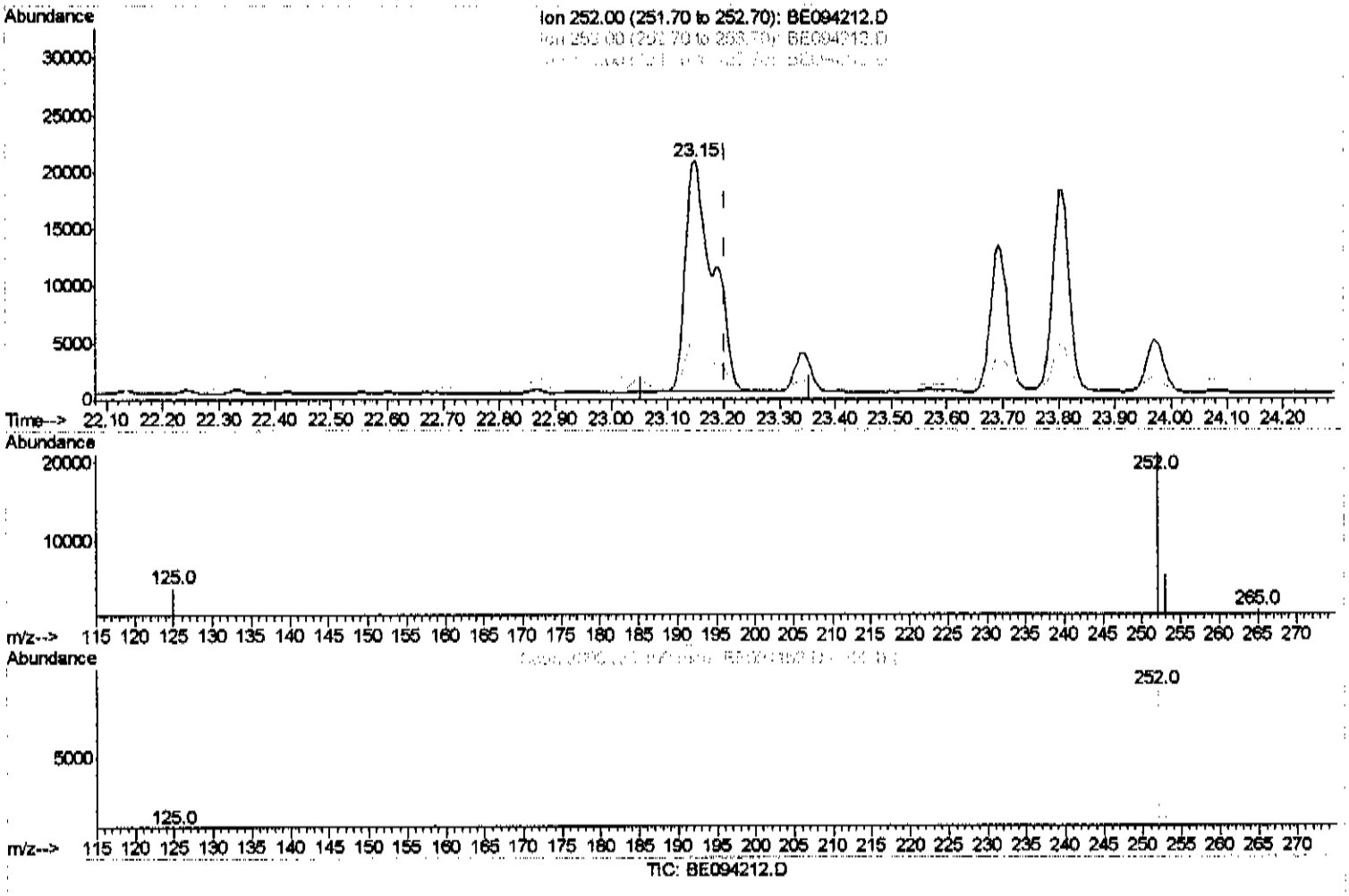

(22) Benzo(k)fluoranthene

23.149min (-0.054) 2.92ng/ul

response 69249

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.98
125.00	17.10	18.85
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
B-60(5-7)-092617DL

Manual Integrations APPROVED
Sohil
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Quantitation Report (Qedit)

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Operator : SJ/JU
Sample : I5449-05DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 07 23:54:08 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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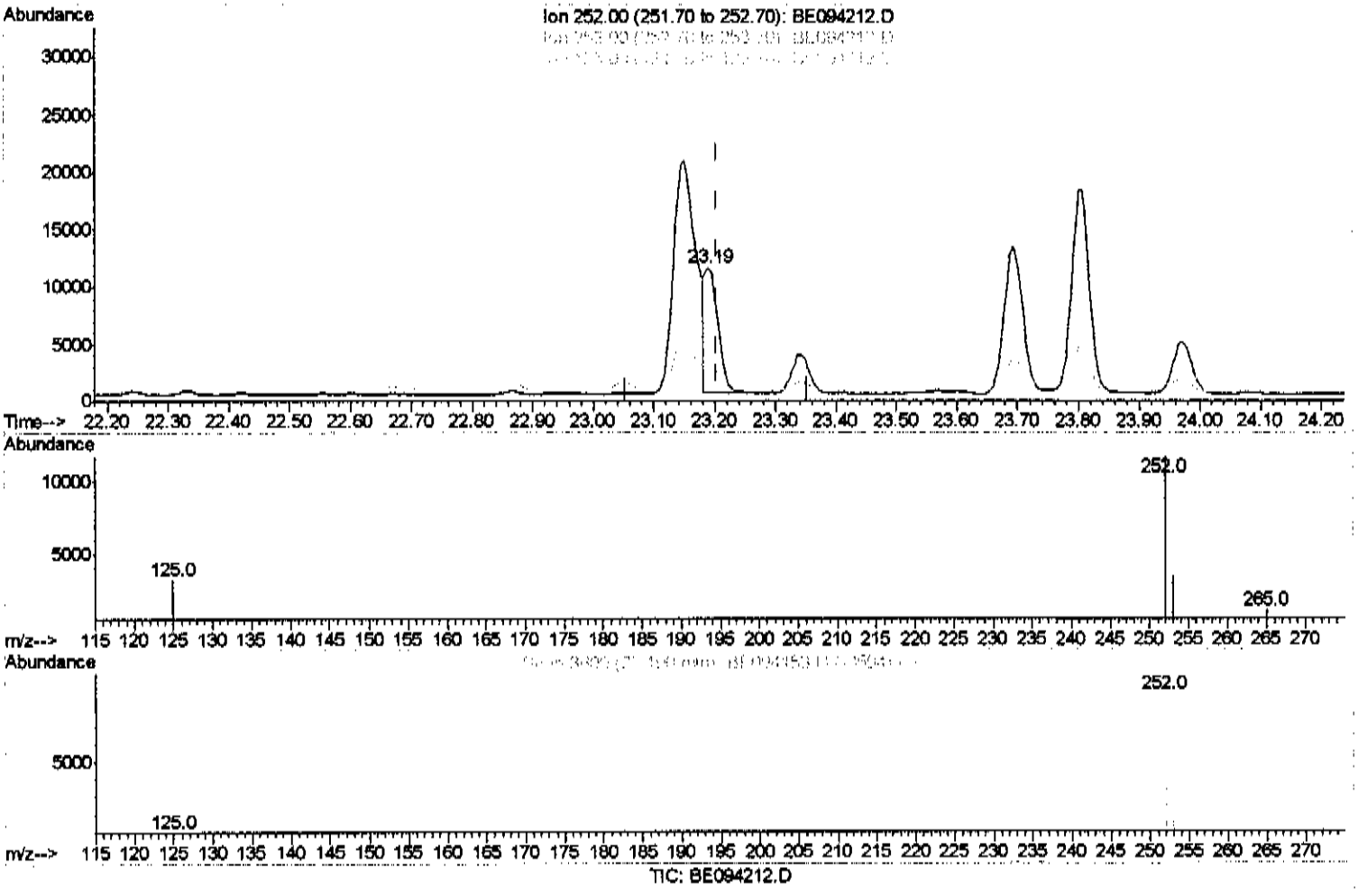

(22) Benzo(k)fluoranthene

23.190min (-0.013) 0.67ng/ul m JU 10/9/17

response 15982

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.86
125.00	17.10	27.23#
0.00	0.00	0.00

Instrument :
BNA_E
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Manual Integrations APPROVED
Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1189	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6561	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	3729	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	8081	0.40	ng/ul	-0.04
16) Chrysene-d12	21.41	240	8073	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	7556	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	428	0.04	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	1041	0.04	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.74	128	3717	0.231	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	1411	0.135	ng/ul	96
7) Acenaphthylene	14.24	152	1224	0.084	ng/ul#	87
8) Acenaphthene	14.57	153	1066	0.089	ng/ul	95
9) Fluorene	15.56	166	1480	0.106	ng/ul	92
12) Phenanthrene	17.29	178	39426m	1.867	ng/ul	95
13) Anthracene	17.38	178	8703	0.424	ng/ul	95
15) Fluoranthene	19.30	202	75092	2.706	ng/ul	84
17) Pyrene	19.66	202	70844	3.154	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	40786	1.904	ng/ul#	88
19) Chrysene	21.45	228	41138	1.663	ng/ul	96
21) Benzo(b)fluoranthene	23.15	252	54522m	2.656	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	15982m	0.674	ng/ul	
23) Benzo(a)pyrene	23.80	252	37249	1.746	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.56	276	26637	1.221	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.57	278	7060	0.386	ng/ul#	68
26) Benzo(g,h,i)perylene	27.39	276	24930	1.325	ng/ul	97

JU 10/9/17

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