Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094829.D
Acq On : 22 Nov 2017 13:35
Operator : SJ/JU
Sample : I6514-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

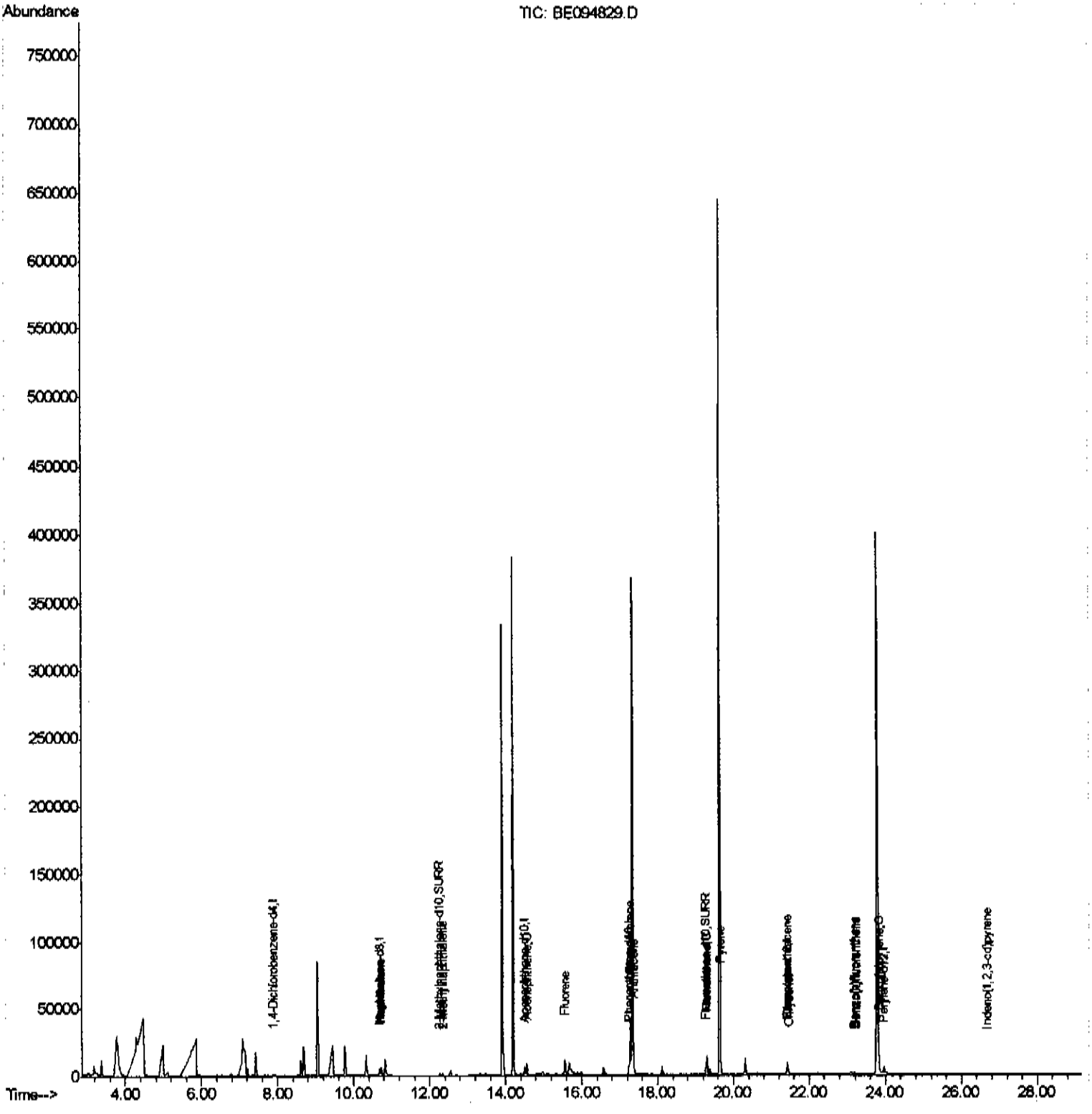
Quant Time: Nov 23 01:15:31 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
OLast Update : Thu Nov 23 00:56:52 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AC3

Manual Integrations APPROVED

Sonil

11/27/2017 3:25:00 PM



Quantitation Report (Qedit)

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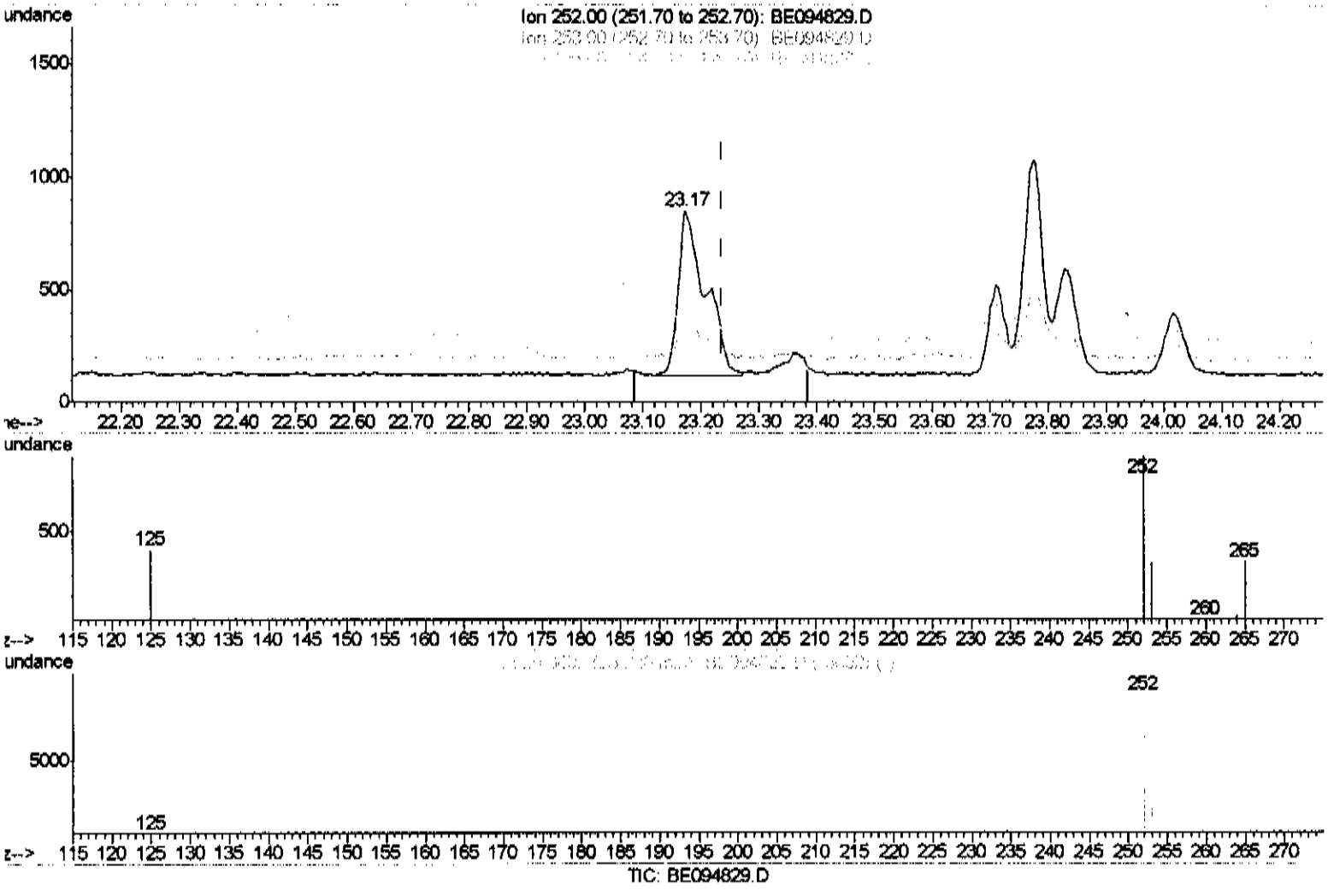

(22) Benzo(k)fluoranthene

23.172min (-0.064) 0.08ng/ul

response 2395

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	41.85#
125.00	17.10	48.53#
0.00	0.00	0.00

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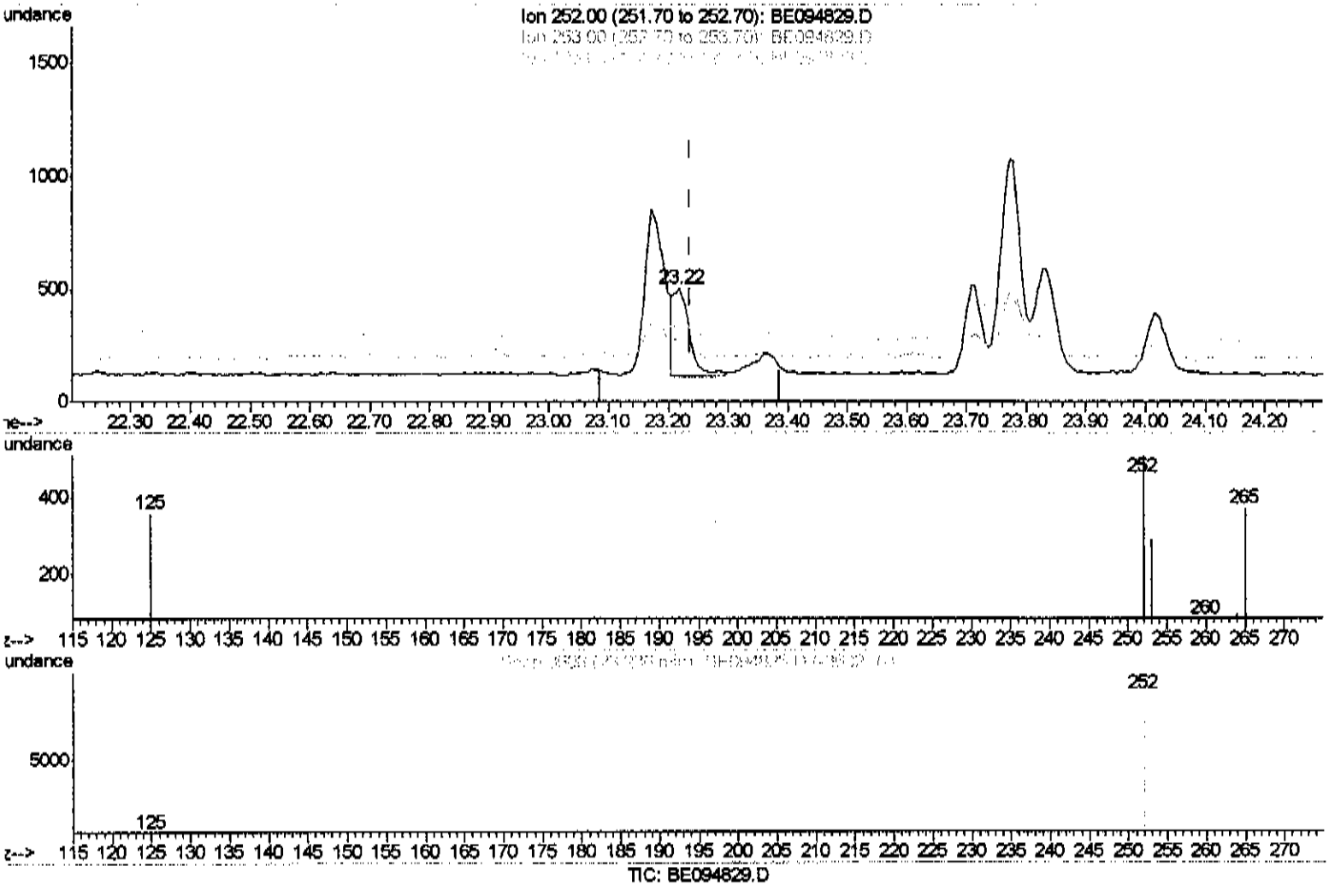

(22) Benzo(k)fluoranthene

23.218min (-0.019) 0.03ng/ul m JU 11/27/17

response 731

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	56.92#
125.00	17.10	70.55#
0.00	0.00	0.00

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Misc :
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Quant Time: Nov 23 00:57:33 2017
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Manual Integrations APPROVED

Sonil

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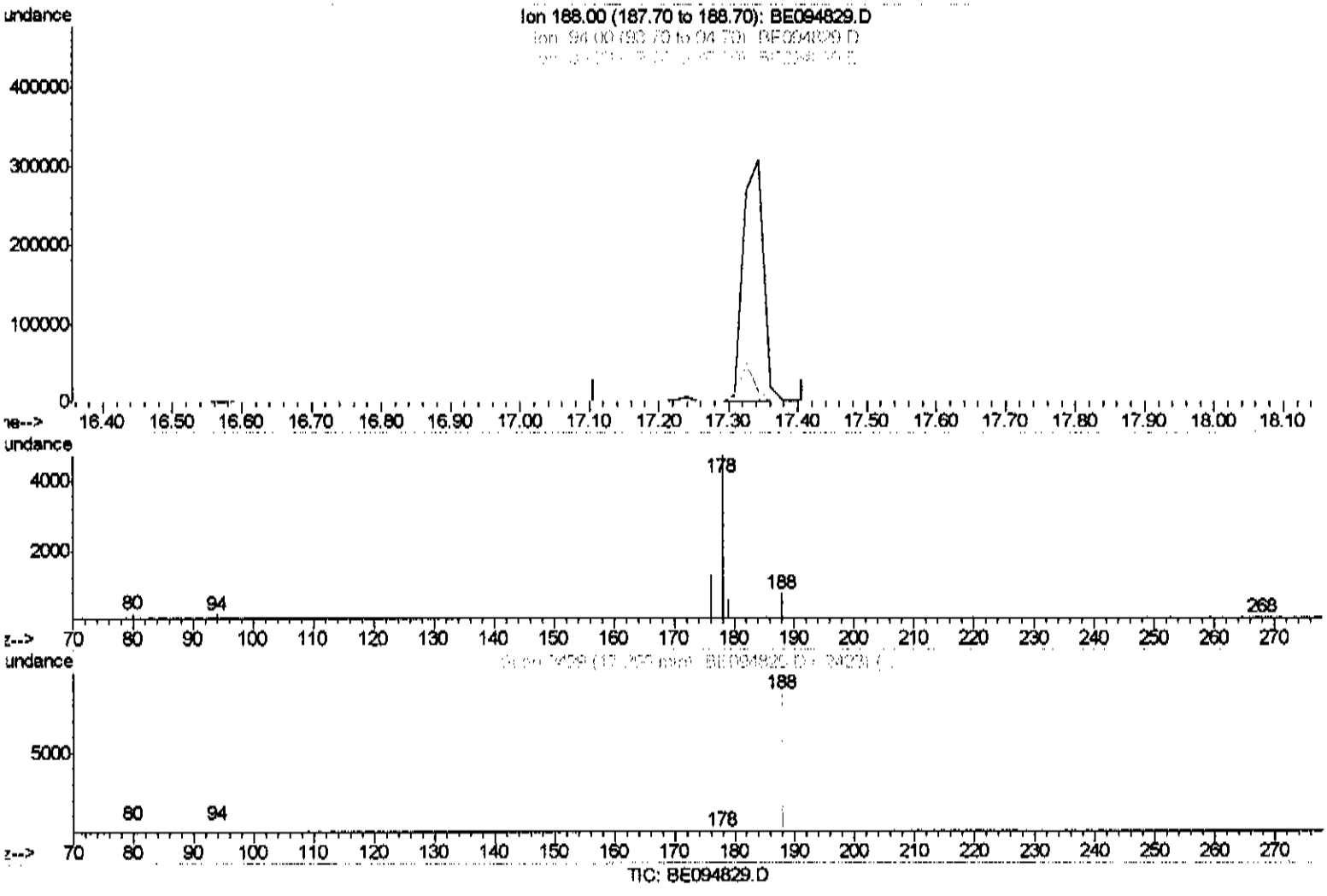

(10) Phenanthrene-d10 (I)

17.256min (-17.256) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.00	0.00#
80.00	11.80	0.00#
0.00	0.00	0.00

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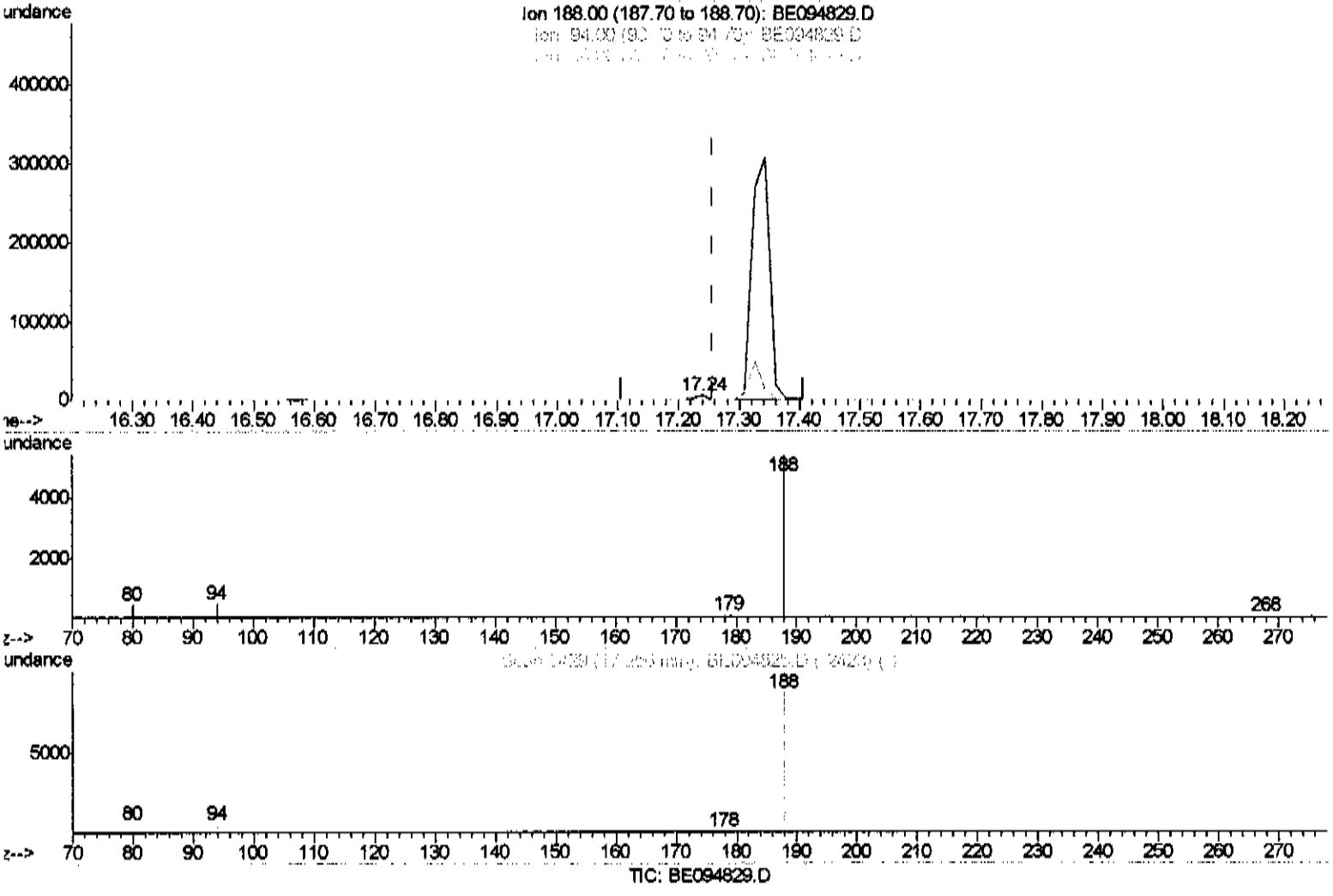

(10) Phenanthrene-d10 (I)

17.239min (-0.018) 0.40ng/ul m JU 11/27/17

response 7955

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.83
80.00	11.80	8.38#
0.00	0.00	0.00

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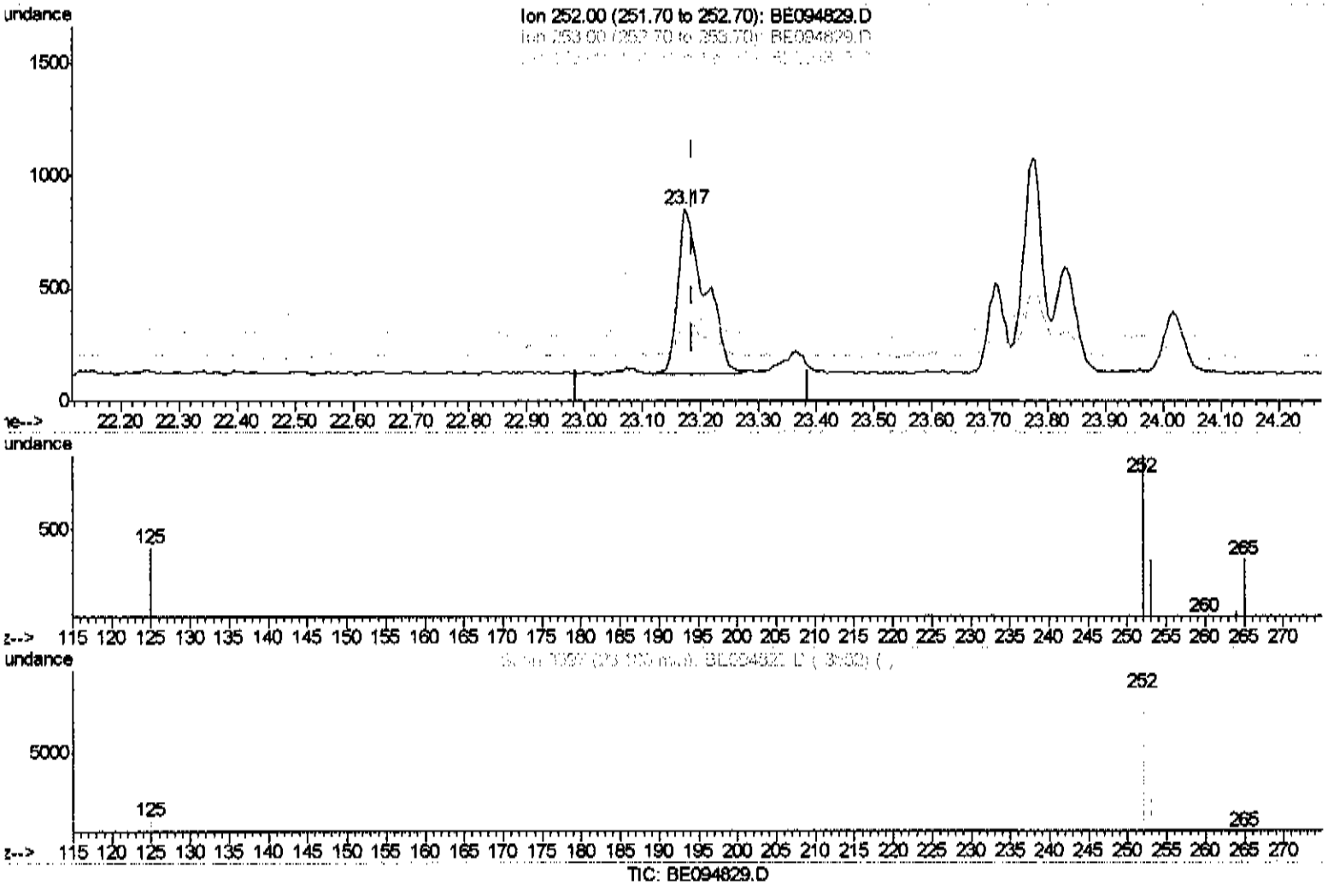

(21) Benzo(b)fluoranthene

23.172min (-0.014) 0.09ng/ul

response 2395

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	41.85
125.00	17.50	48.53#
0.00	0.00	0.00

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Misc :
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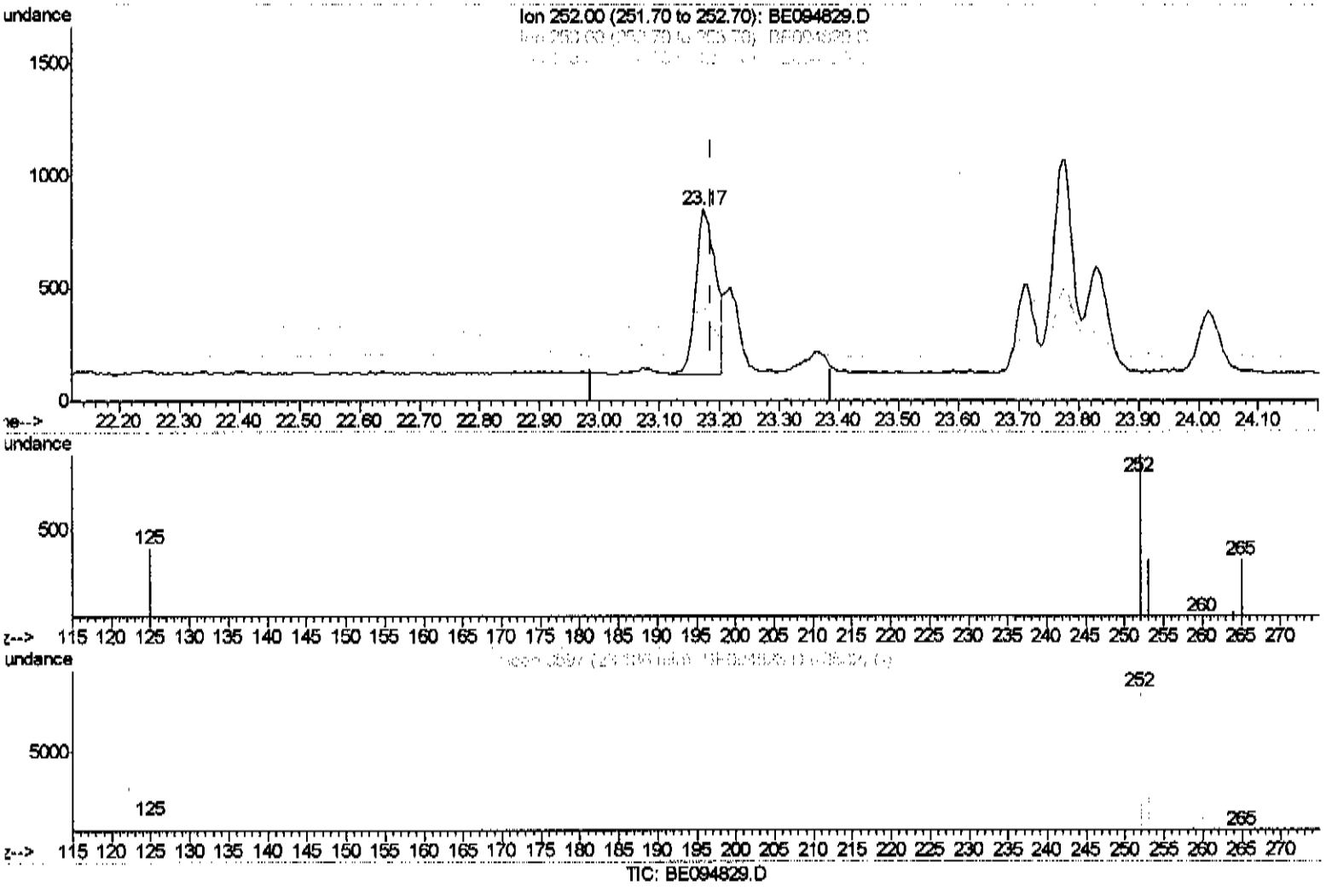
C0AC3

Manual Integrations APPROVED

Sonil

11/27/2017 3:25:00 PM



(21) Benzo(b)fluoranthene

23.172min (-0.014) 0.06ng/ul m JU 11/27/17

response 1713

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	41.85
125.00	17.50	48.53#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
ClientSampleId :
C0AC3

Manual Integrations APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	770	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.67	136	4960	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.50	164	3398	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	7955m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8217	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9107	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.26	152	2885	0.36	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	8457	0.31	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.72	128	6056	0.51	ng/ul#	94
5) 2-Methylnaphthalene	12.34	142	1772	0.22	ng/ul	98
8) Acenaphthene	14.56	153	4904	0.45	ng/ul	98
9) Fluorene	15.55	166	7044	0.53	ng/ul	97
12) Phenanthrene	17.27	178	45079	2.11	ng/ul#	89
13) Anthracene	17.36	178	5633	0.26	ng/ul#	95
15) Fluoranthene	19.30	202	15330	0.55	ng/ul	84
17) Pyrene	19.66	202	15151	0.59	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	2309	0.09	ng/ul#	91
19) Chrysene	21.46	228	2346	0.09	ng/ul#	87
21) Benzo(b)fluoranthene	23.17	252	1713m	0.06	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	731m	0.03	ng/ul	
23) Benzo(a)pyrene	23.83	252	1114	0.04	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	26.68	276	636	0.02	ng/ul#	82

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