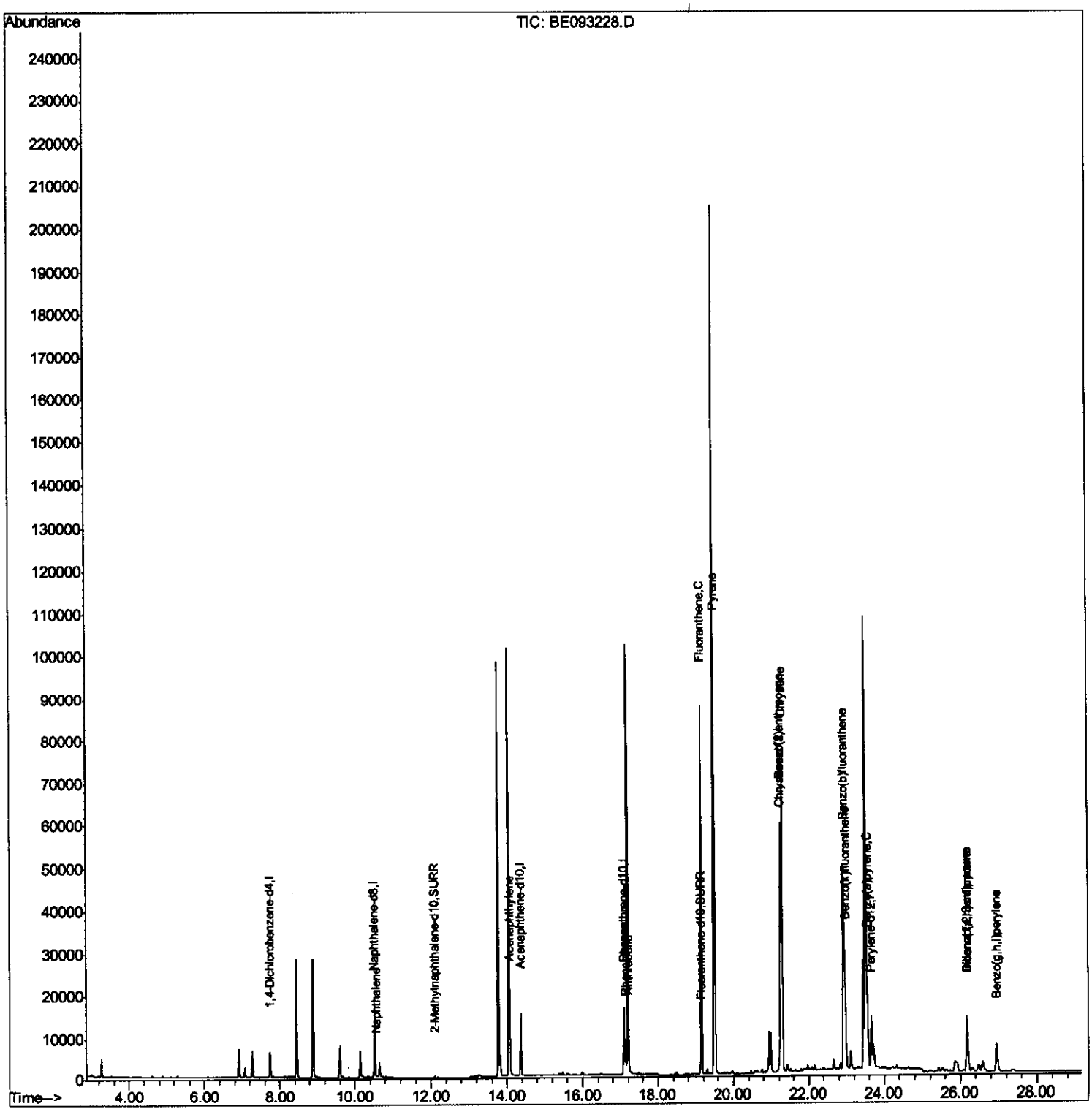
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093228.D
Acq On : 16 Jun 2017 3:17
Operator : SJ/MA
Sample : I3520-20DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 16 06:04:59 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 05:36:31 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5B77DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:19 AM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093228.D
Acq On : 16 Jun 2017 3:17
Operator : SJ/MA
Sample : I3520-20DL 10X
Misc :
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Quant Time: Jun 16 05:37:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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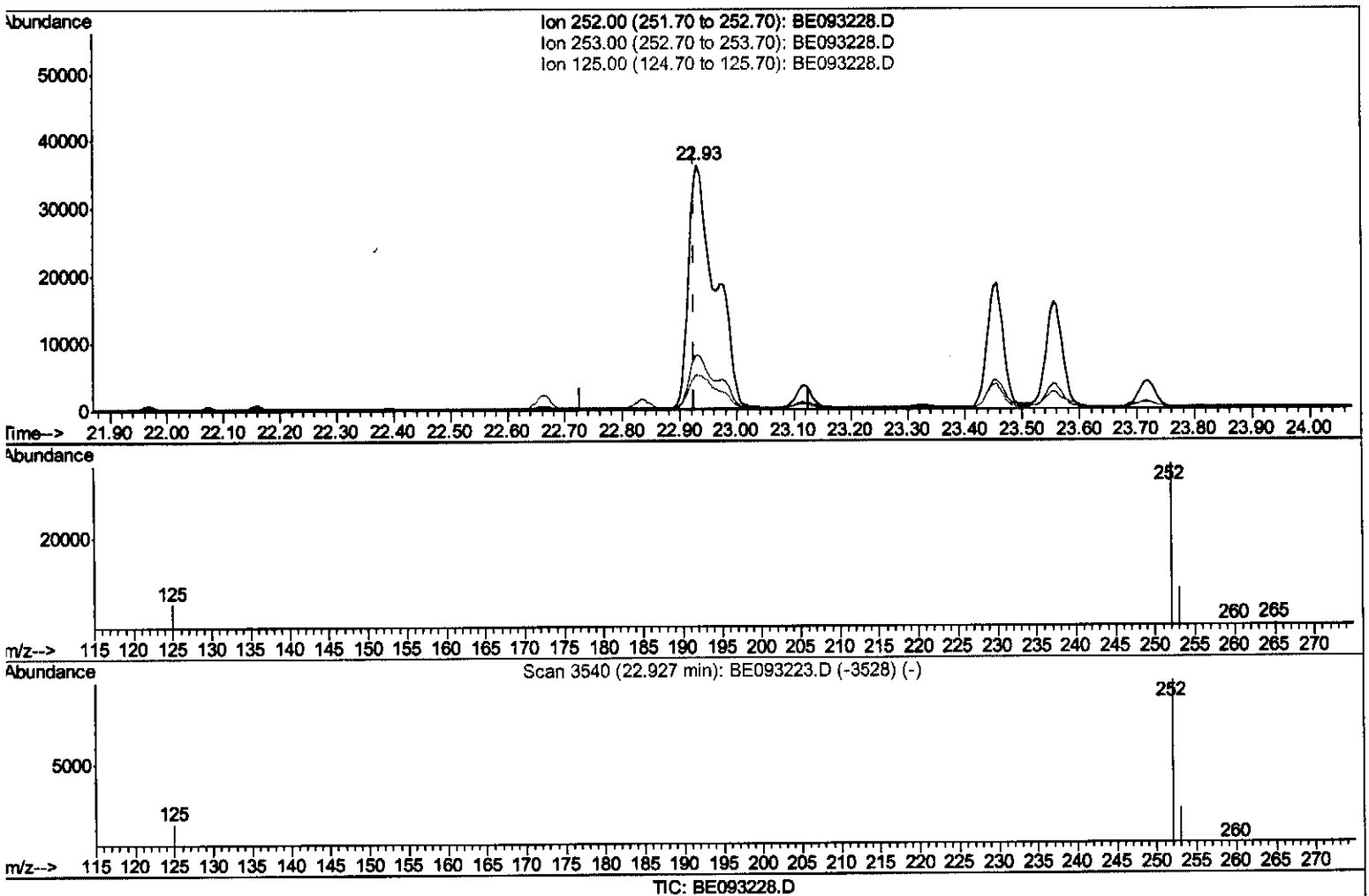

TIC: BE093228.D

(21) Benzo(b)fluoranthene

22.931min (+0.005) 2.08ng/ul

response 116516

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.55
125.00	17.50	14.39
0.00	0.00	0.00

Quantitation Report (Qedit)

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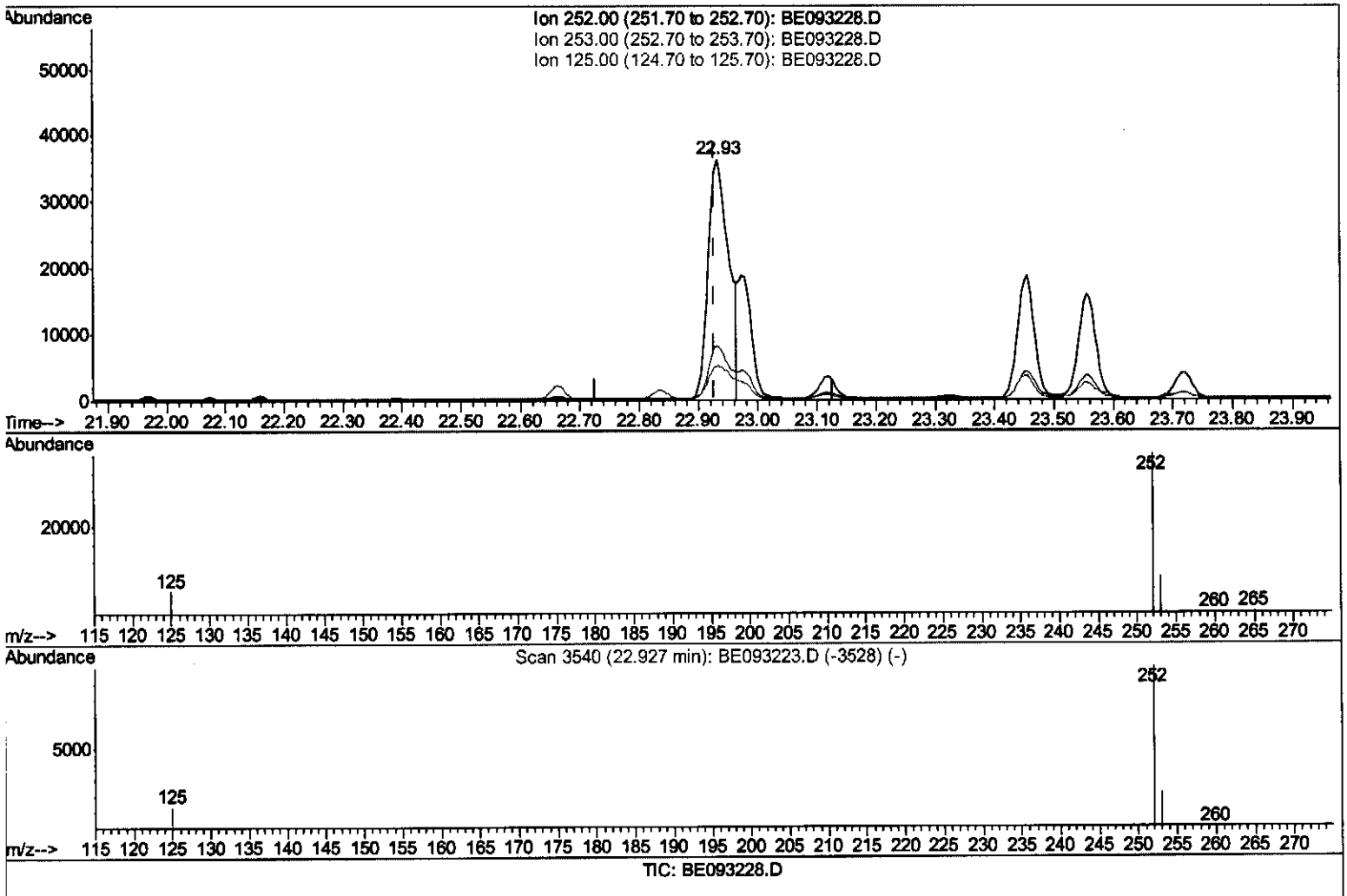
mohammad
6/19/2017 11:07:19 AM



(21) Benzo(b)fluoranthene

22.931min (+0.005) 1.57ng/ul m > SJ 06/21/17

response 87961

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.55
125.00	17.50	14.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093228.D
Acq On : 16 Jun 2017 3:17
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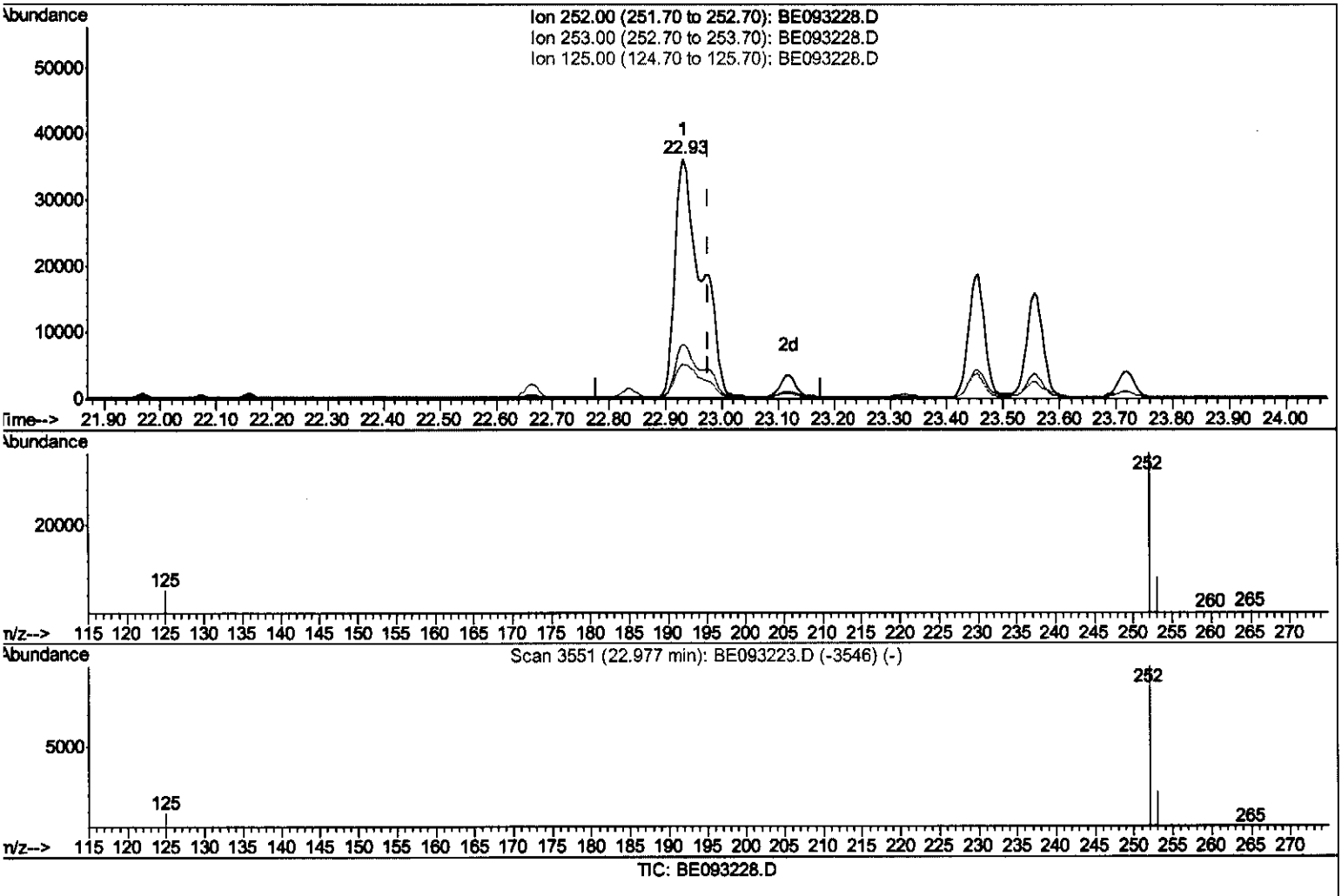
Instrument :
BNA_E
ClientSampleId :
F5B77DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:19 AM



TIC: BE093228.D

(22) Benzo(k)fluoranthene

22.931min (-0.046) 1.96ng/ul

response 116516

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.55#
125.00	17.10	14.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
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Acq On : 16 Jun 2017 3:17
Operator : SJ/MA
Sample : I3520-20DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 16 05:37:56 2017
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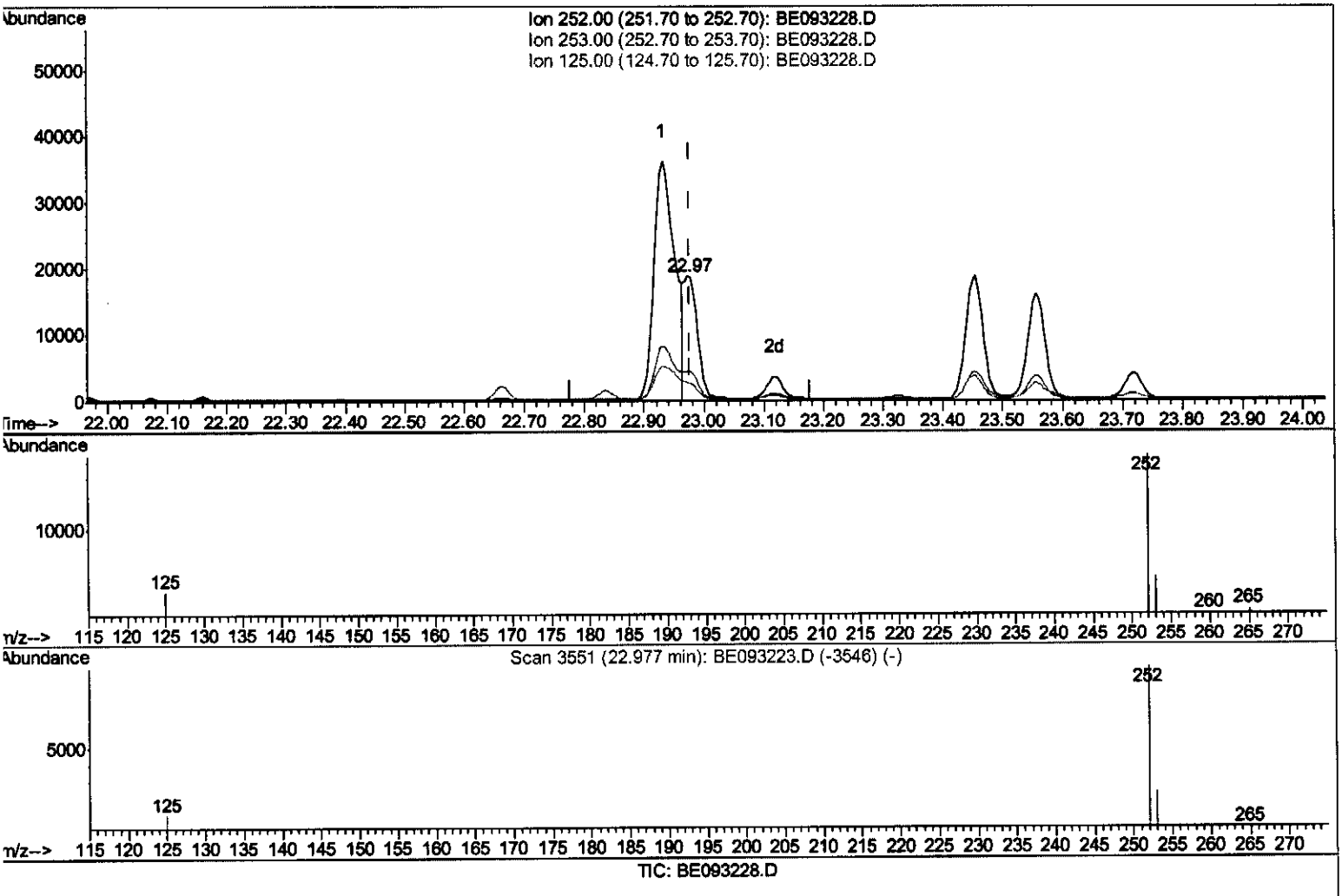
BNA_E
ClientSampleId :
F5B77DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:19 AM



TIC: BE093228.D

(22) Benzo(k)fluoranthene

22.972min (-0.005) 0.51ng/ul m > SJ 06/21/17

response 30306

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.53#
125.00	17.10	15.14
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations APPROVED
mohammad
6/19/2017 11:07:19 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3034	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	15347	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8624	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	20209	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	21165	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	18426	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	839	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	2064	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	474	0.01	ng/ul#	74
7) Acenaphthylene	14.08	152	4367	0.12	ng/ul	99
12) Phenanthrene	17.14	178	9039	0.16	ng/ul#	87
13) Anthracene	17.22	178	6568	0.14	ng/ul#	89
15) Fluoranthene	19.15	202	92749	1.36	ng/ul	84
17) Pyrene	19.51	202	100459	1.61	ng/ul#	86
18) Benzo(a)anthracene	21.25	228	49439	0.88	ng/ul#	86
19) Chrysene	21.30	228	76336	1.30	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	87961m	1.57	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	30306m	0.51	ng/ul	
23) Benzo(a)pyrene	23.55	252	31968	0.60	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.18	276	21959	0.36	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.19	278	5878	0.11	ng/ul#	86
26) Benzo(g,h,i)perylene	26.96	276	15787	0.30	ng/ul	96

SJ 06/21/17

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