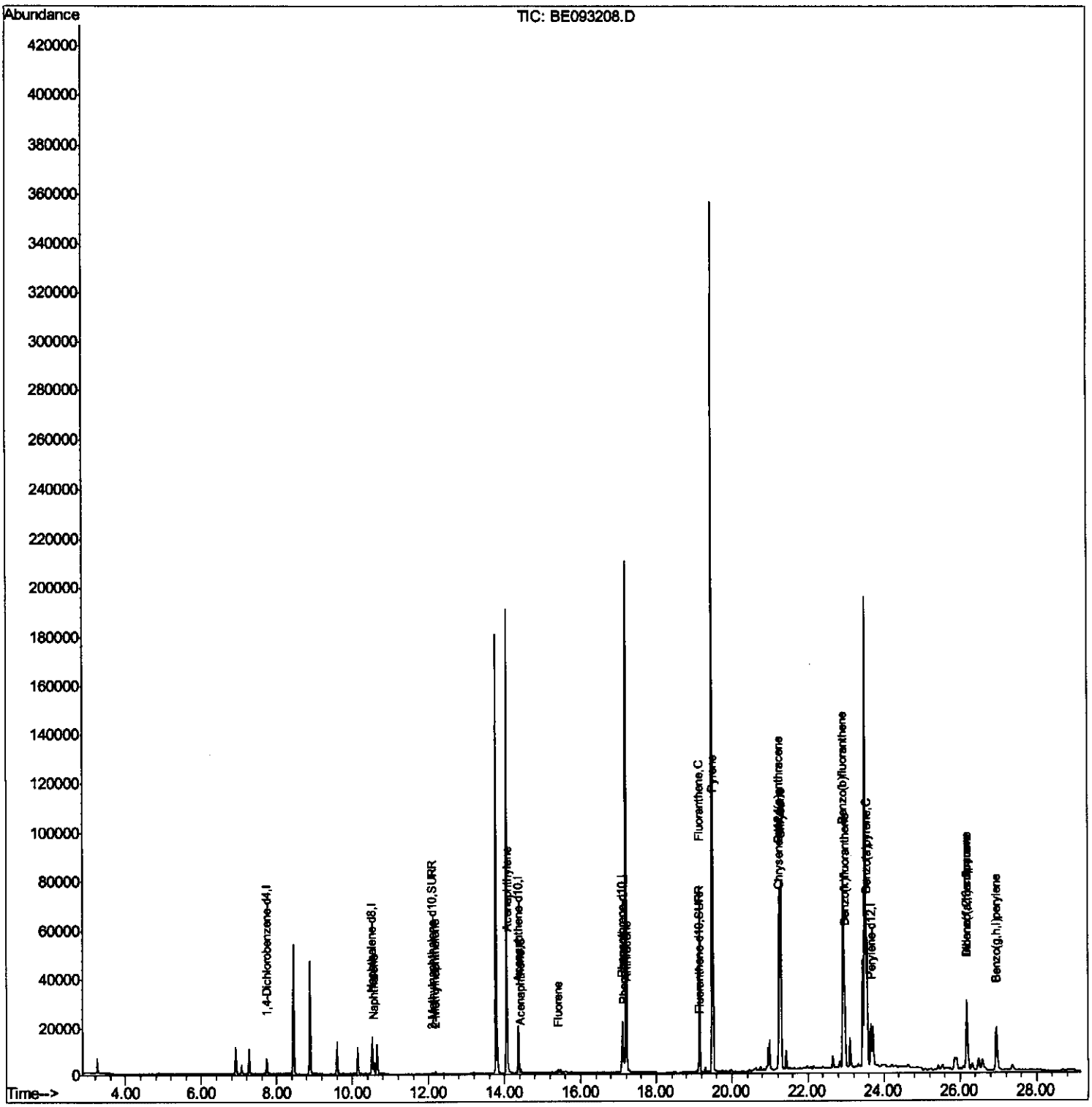
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093208.D
Acq On : 15 Jun 2017 15:00
Operator : SJ/MA
Sample : I3522-17DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 16 05:40:55 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 04:43:11 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5B23DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:06:17 AM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
Data File : BE093208.D
Acq On : 15 Jun 2017 15:00
Operator : SJ/MA
Sample : I3522-17DL 5X
Misc :
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Quant Time: Jun 16 04:43:07 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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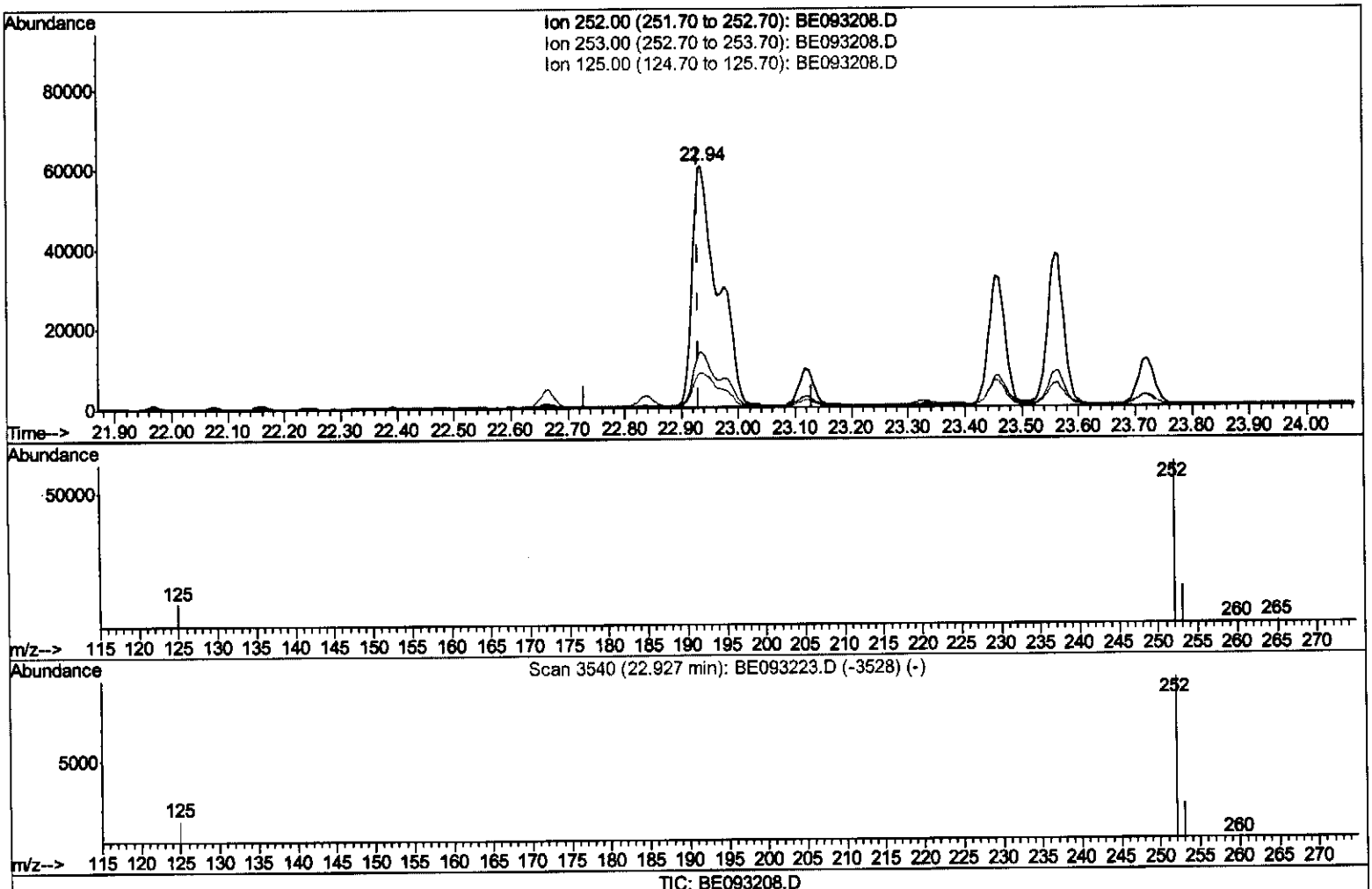
mohammad
6/19/2017 11:06:17 AM



TIC: BE093208.D

(21) Benzo(b)fluoranthene

22.936min (+0.006) 2.38ng/ul

response 188891

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.29
125.00	17.50	14.50
0.00	0.00	0.00

Quantitation Report (Qedit)

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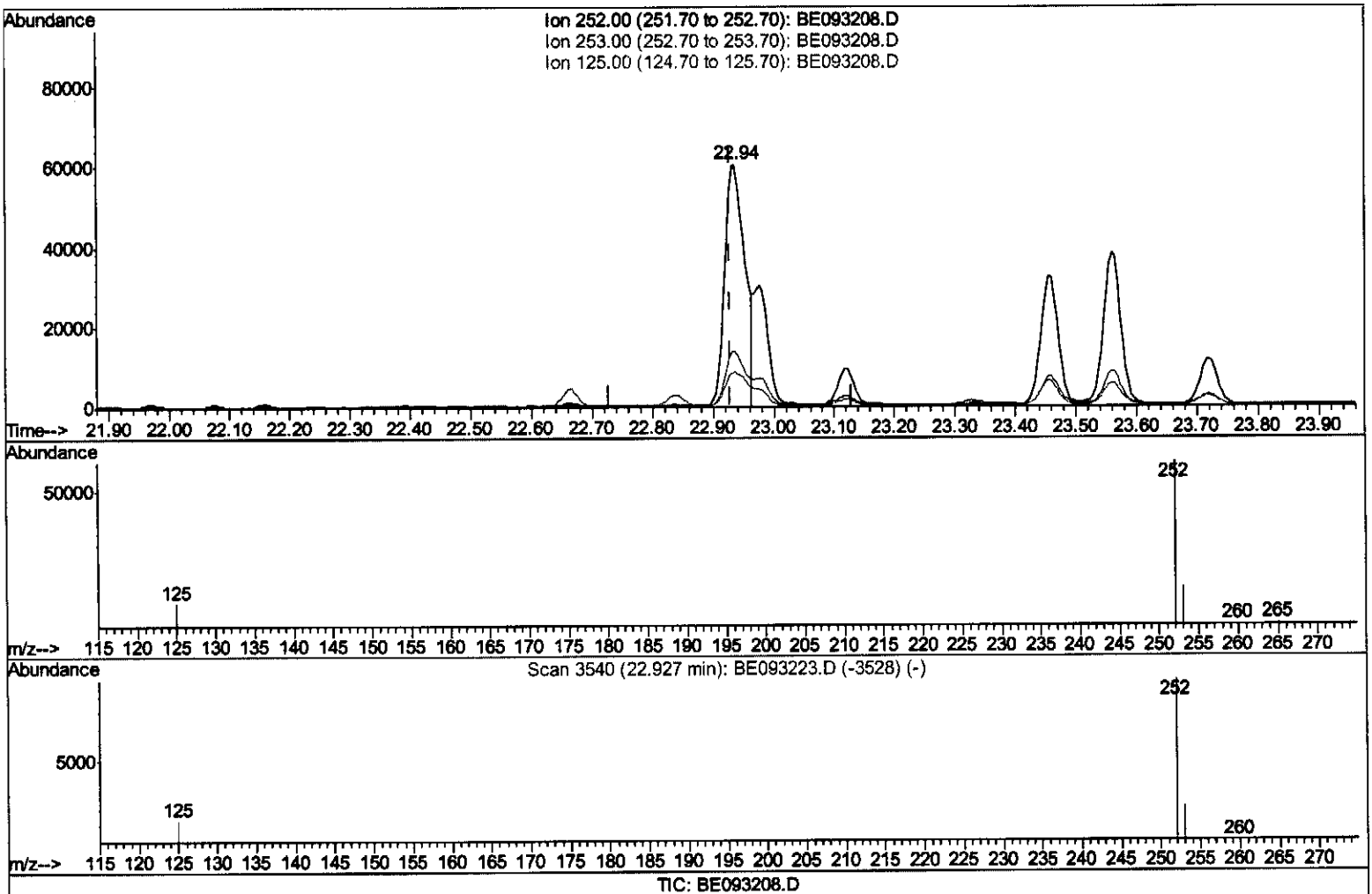
Manual Integrations APPROVED
mohammad
6/19/2017 11:06:17 AM



TIC: BE093208.D

(21) Benzo(b)fluoranthene

22.936min (+0.006) 1.76ng/ul m

SJ 06/21/17

response 139507

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.29
125.00	17.50	14.50
0.00	0.00	0.00

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Operator : SJ/MA
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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QLast Update : Fri Jun 16 04:43:11 2017
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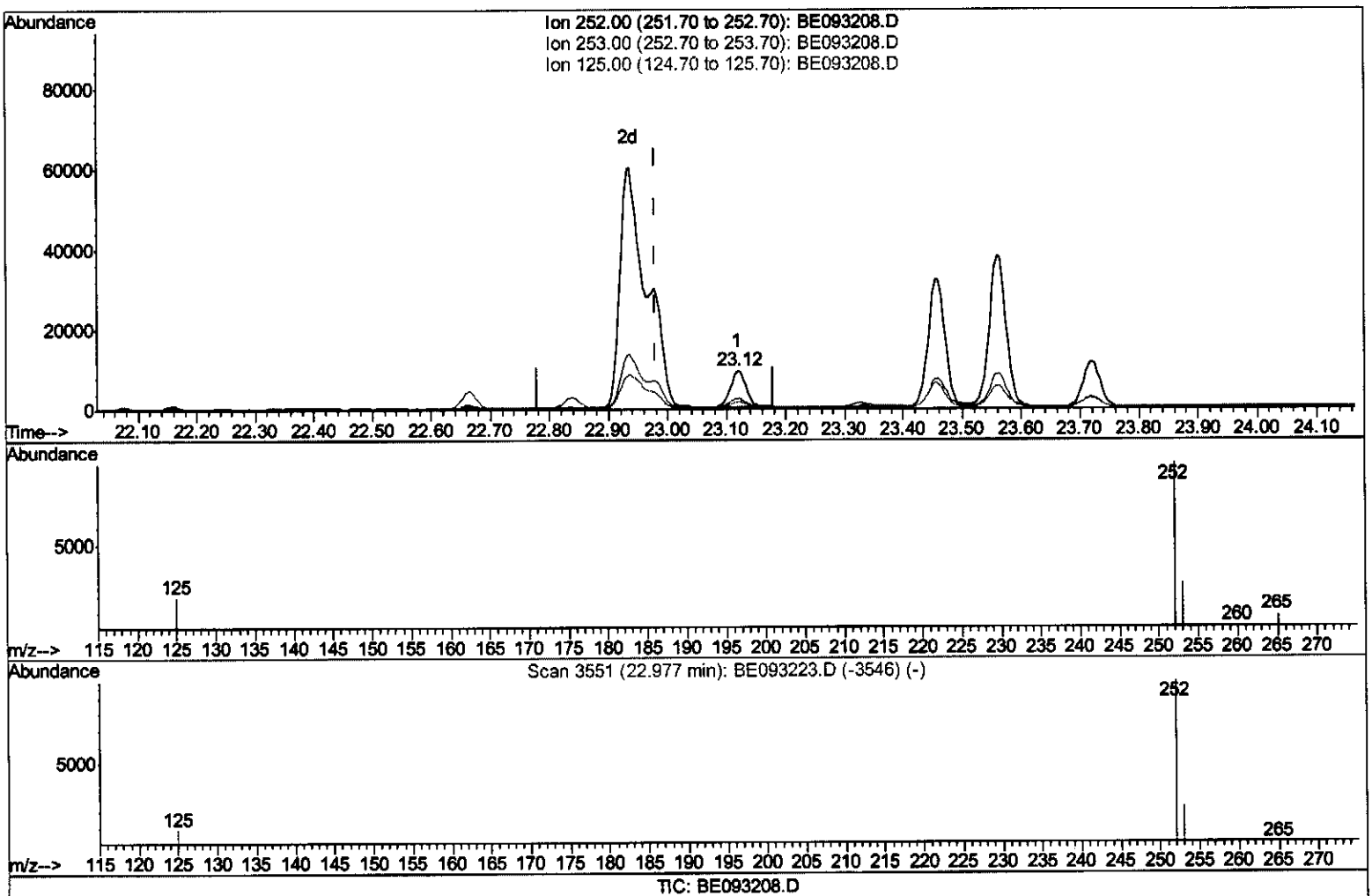
Instrument :
BNA_E
ClientSampleId :
F5B23DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:06:17 AM



TIC: BE093208.D

(22) Benzo(k)fluoranthene

23.118min (+0.138) 0.20ng/ul

response 16474

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.81
125.00	17.10	19.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061517\
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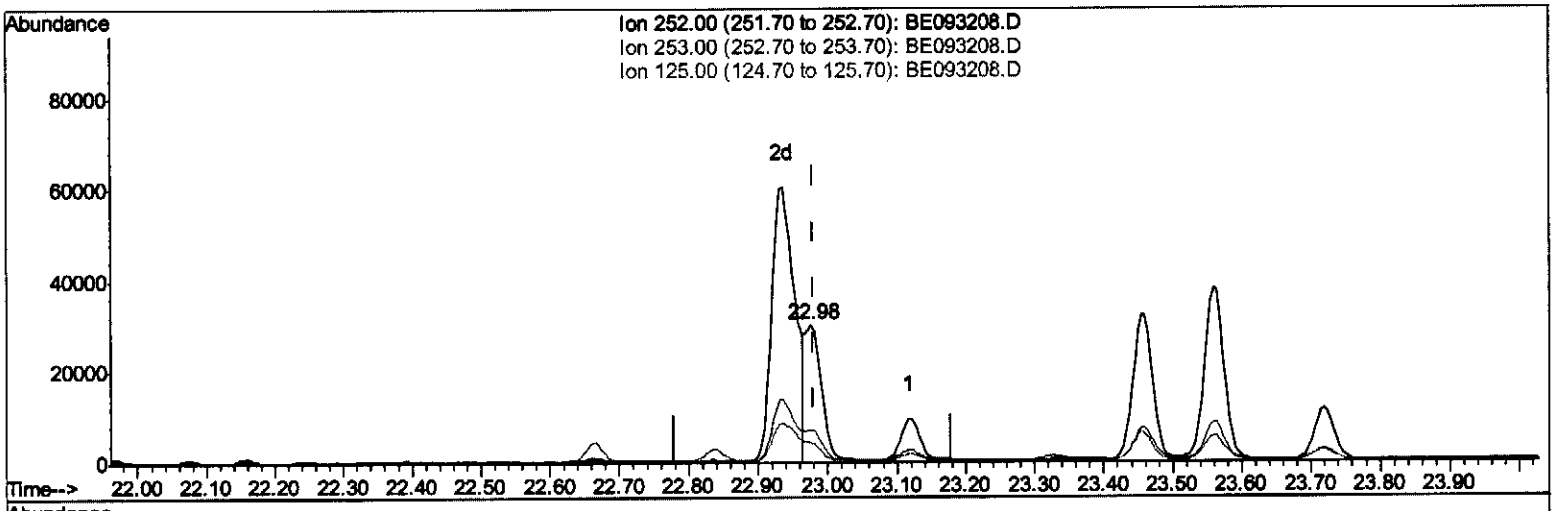
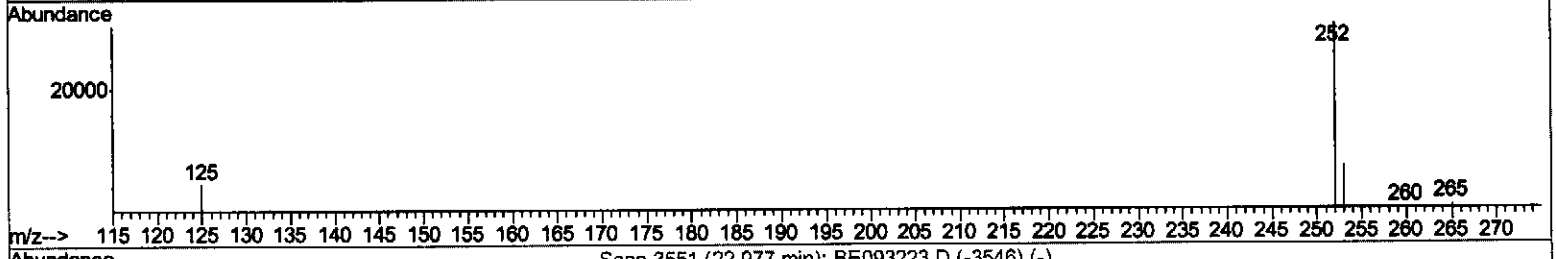
Acq On : 15 Jun 2017 15:00
Operator : SJ/MA
Sample : I3522-17DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

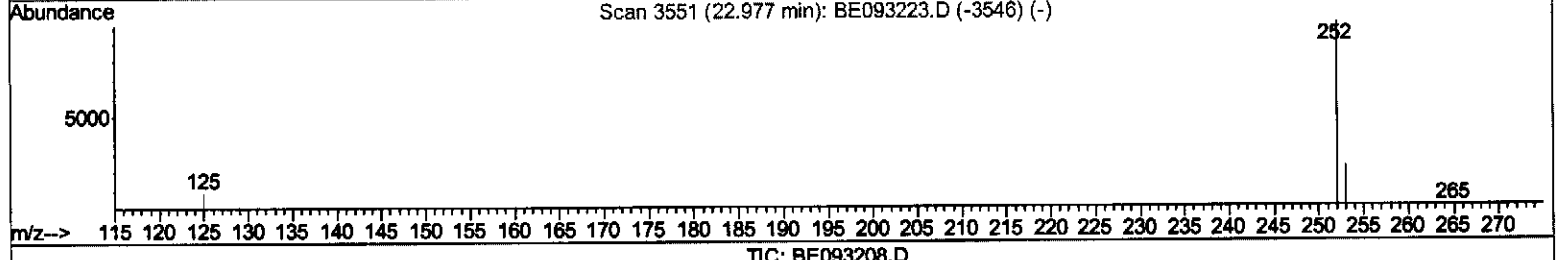
Quant Time: Jun 16 04:43:07 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5B23DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:06:17 AM







TIC: BE093208.D

(22) Benzo(k)fluoranthene

22.977min (-0.003) 0.61ng/ul m SJ 06121117

response 51500

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.92#
125.00	17.10	14.89
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
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Manual Integrations APPROVED
mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2967	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	16567	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10590	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	25331	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	25407	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	26112	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1417	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	3672	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	7217	0.18	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	1228	0.04	ng/ul	97
7) Acenaphthylene	14.08	152	8900	0.20	ng/ul	98
8) Acenaphthene	14.43	153	1247	0.03	ng/ul	96
9) Fluorene	15.42	166	1027	0.02	ng/ul	90
12) Phenanthrene	17.14	178	12181	0.17	ng/ul#	86
13) Anthracene	17.22	178	14319	0.24	ng/ul#	87
15) Fluoranthene	19.16	202	84605	0.99	ng/ul	83
17) Pyrene	19.52	202	95966	1.28	ng/ul#	83
18) Benzo(a)anthracene	21.25	228	62371	0.92	ng/ul#	85
19) Chrysene	21.30	228	84708	1.20	ng/ul	97
21) Benzo(b)fluoranthene	22.94	252	139507m	1.76	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	51500m	0.61	ng/ul	
23) Benzo(a)pyrene	23.56	252	75419	1.01	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.19	276	48402	0.56	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.20	278	13745	0.19	ng/ul#	89
26) Benzo(g,h,i)perylene	26.97	276	39754	0.53	ng/ul	97

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

SJ
06/21/17