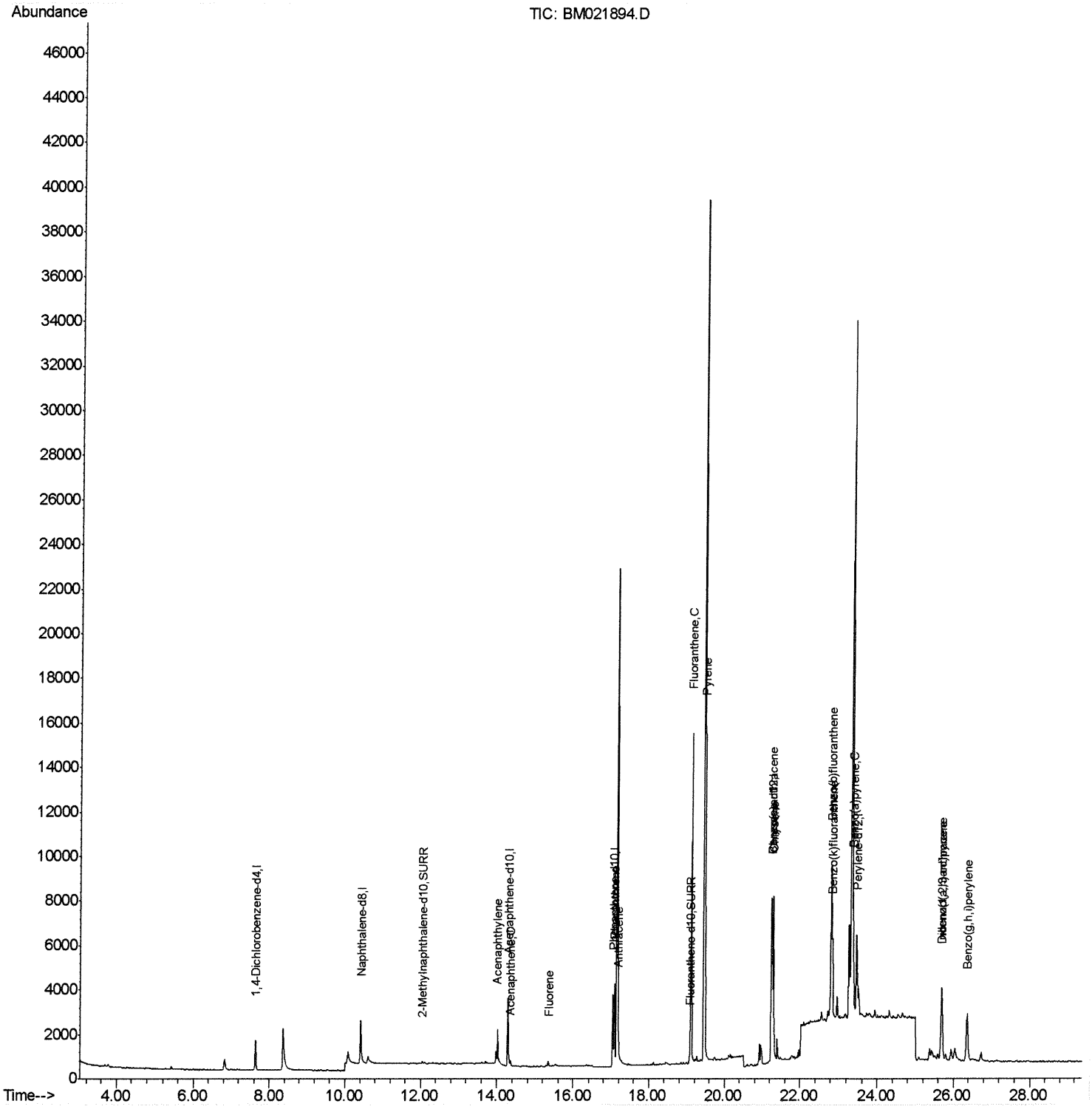
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021894.D
Acq On : 07 Aug 2019 14:00
Operator : HP/JU
Sample : K3893-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 07 15:22:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEP13DL

Manual Integrations APPROVED
mohammad
8/7/2019 11:52:29 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021894.D
Acq On : 07 Aug 2019 14:00
Operator : HP/JU
Sample : K3893-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 07 15:20:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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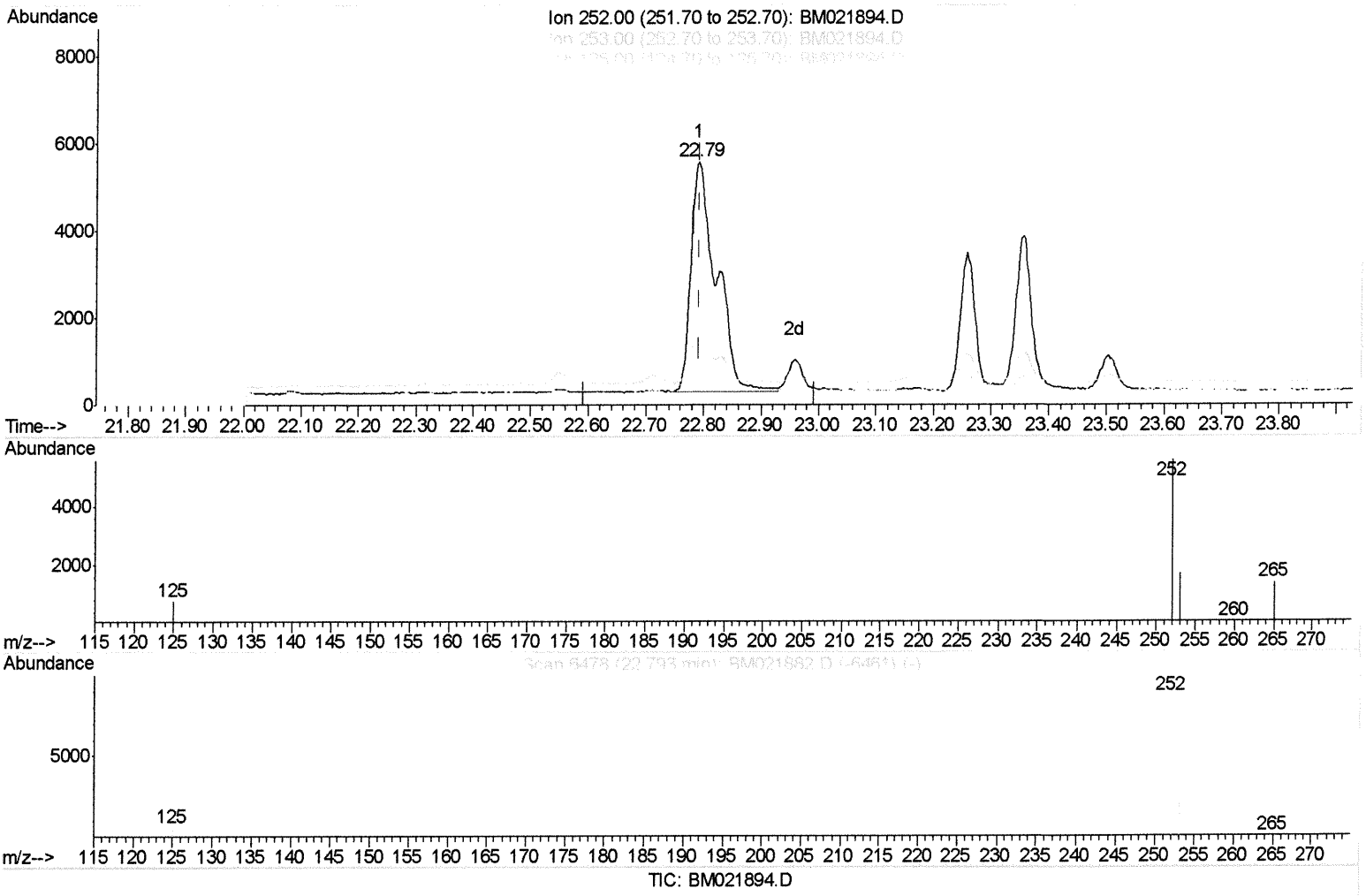

TIC: BM021894.D

(21) Benzo(b)fluoranthene

22.791min (-0.003) 0.85ng/ul

response 15989

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.29
125.00	15.50	13.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
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BNA_M
ClientSampleId :
BEP13DL

Manual Integrations APPROVED
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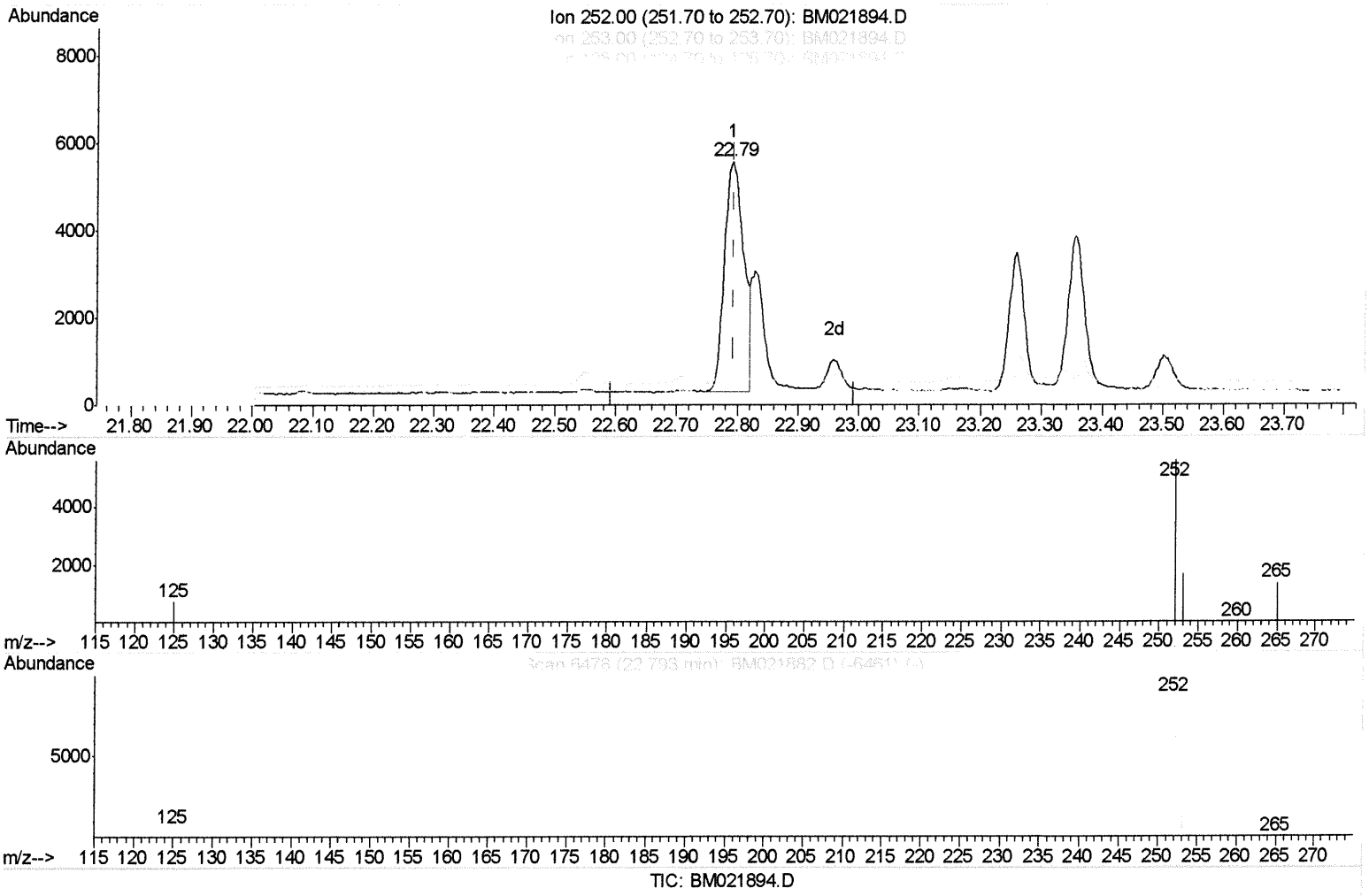
8/7/2019 11:52:29 PM



TIC: BM021894.D

(21) Benzo(b)fluoranthene

22.791min (-0.003) 0.63ng/ul m JU 08/07/19

response 11742

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.29
125.00	15.50	13.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021894.D
Acq On : 07 Aug 2019 14:00
Operator : HP/JU
Sample : K3893-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 07 15:20:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 08:28:11 2019
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Instrument :
BNA_M
ClientSampleId :
BEP13DL

Manual Integrations APPROVED
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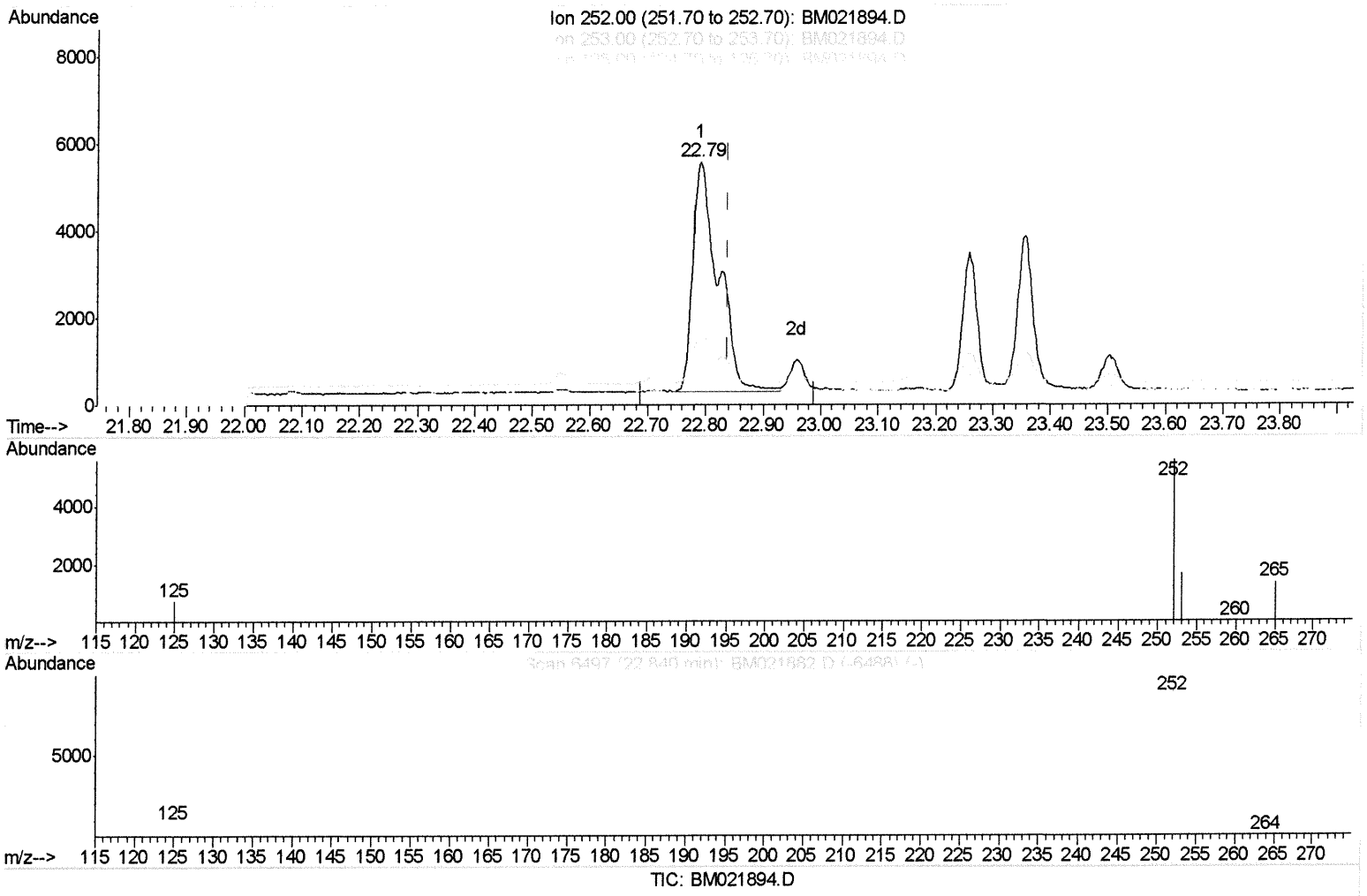

TIC: BM021894.D

(22) Benzo(k)fluoranthene

22.791min (-0.049) 0.75ng/ul

response 15989

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	30.29
125.00	15.20	13.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021894.D
Acq On : 07 Aug 2019 14:00
Operator : HP/JU
Sample : K3893-09DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 07 15:20:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations APPROVED
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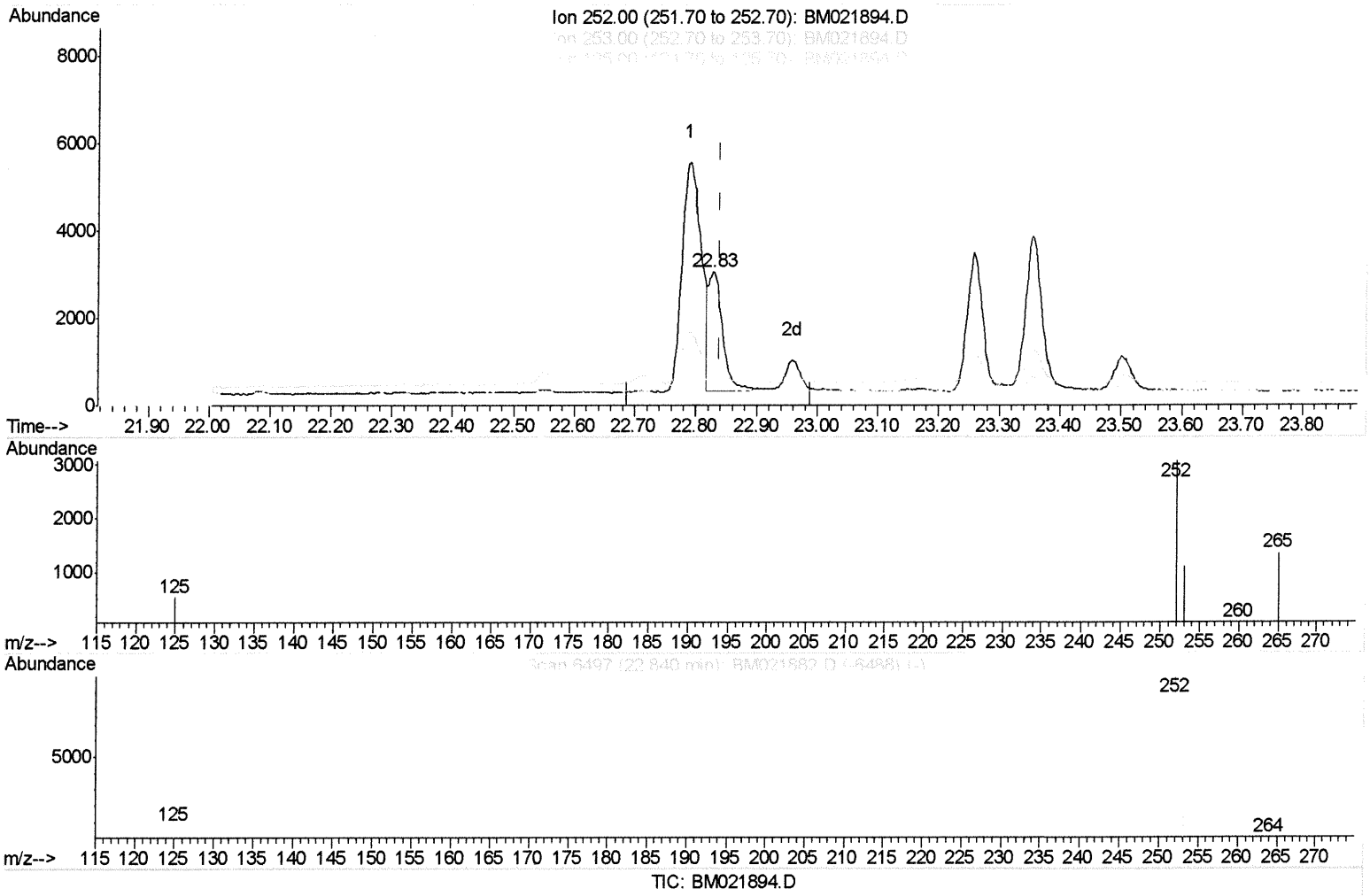

TIC: BM021894.D

(22) Benzo(k)fluoranthene

22.827min (-0.013) 0.21ng/ul m JU 08/07/19

response 4404

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	36.13
125.00	15.20	18.21
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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8/7/2019 11:52:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	774	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3300	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	1864	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4160	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	4172	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5563	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	171	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	490	0.03	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.01	152	460	0.053	ng/ul#	73
8) Acenaphthene	14.35	153	157	0.022	ng/ul#	88
9) Fluorene	15.34	166	200	0.025	ng/ul#	88
12) Phenanthrene	17.08	178	4162	0.344	ng/ul	99
13) Anthracene	17.18	178	879	0.085	ng/ul#	81
15) Fluoranthene	19.11	202	13994	0.863	ng/ul	97
17) Pyrene	19.47	202	12563	0.733	ng/ul	99
18) Benzo(a)anthracene	21.22	228	5925	0.397	ng/ul	96
19) Chrysene	21.28	228	7198	0.375	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	11742m →	0.626	ng/ul	92 JU 08/07/19
22) Benzo(k)fluoranthene	22.83	252	4404m →	0.207	ng/ul	JU 08/07/19
23) Benzo(a)pyrene	23.36	252	6720	0.352	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.68	276	5592	0.245	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.68	278	1286	0.070	ng/ul#	51
26) Benzo(g,h,i)perylene	26.35	276	4716	0.230	ng/ul	93

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