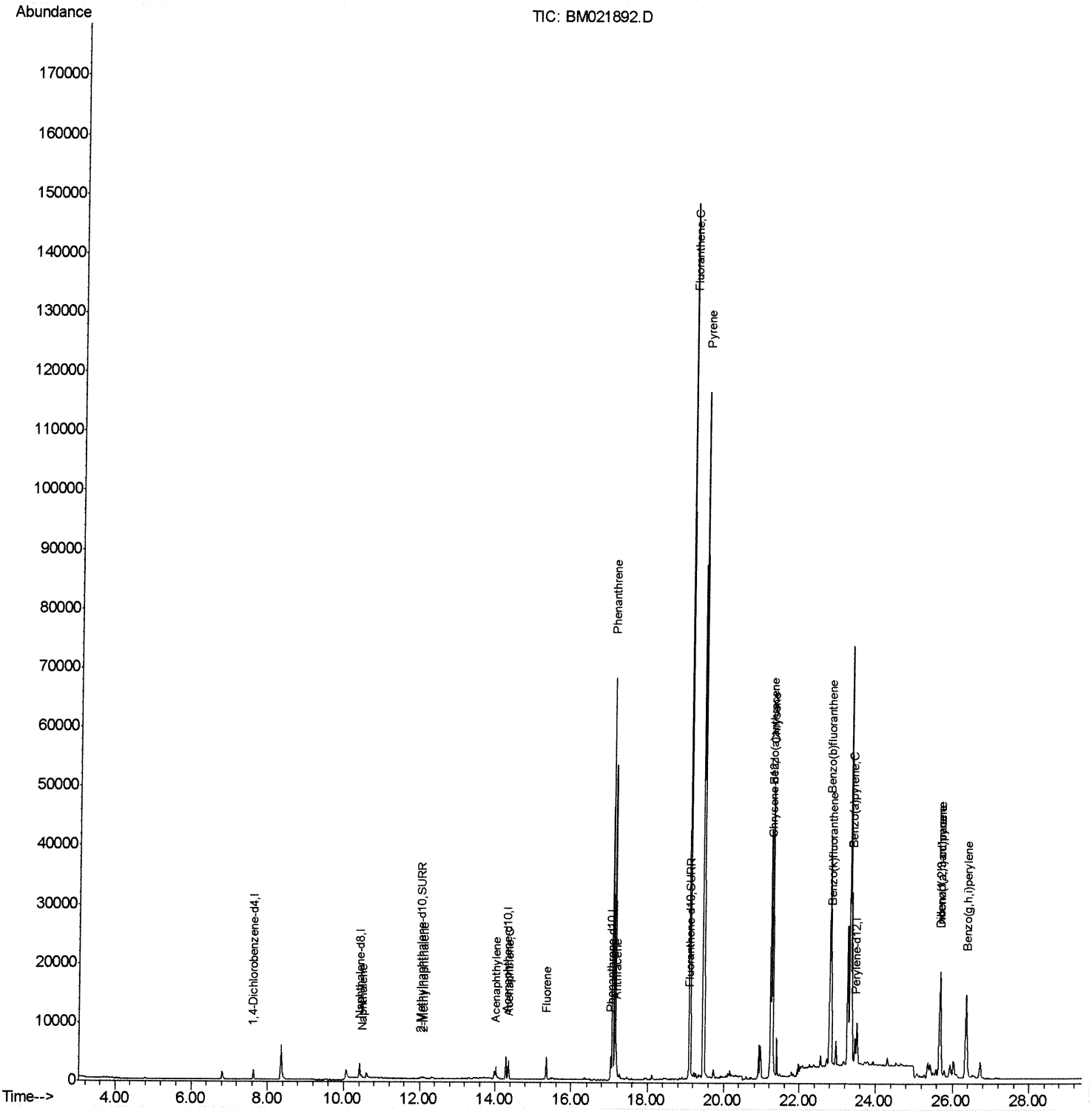
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021892.D
Acq On : 07 Aug 2019 12:47
Operator : HP/JU
Sample : K3922-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 07 15:10:56 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 :
A52F1DL

Manual Integrations APPROVED
mohammad
8/7/2019 11:52:22 PM



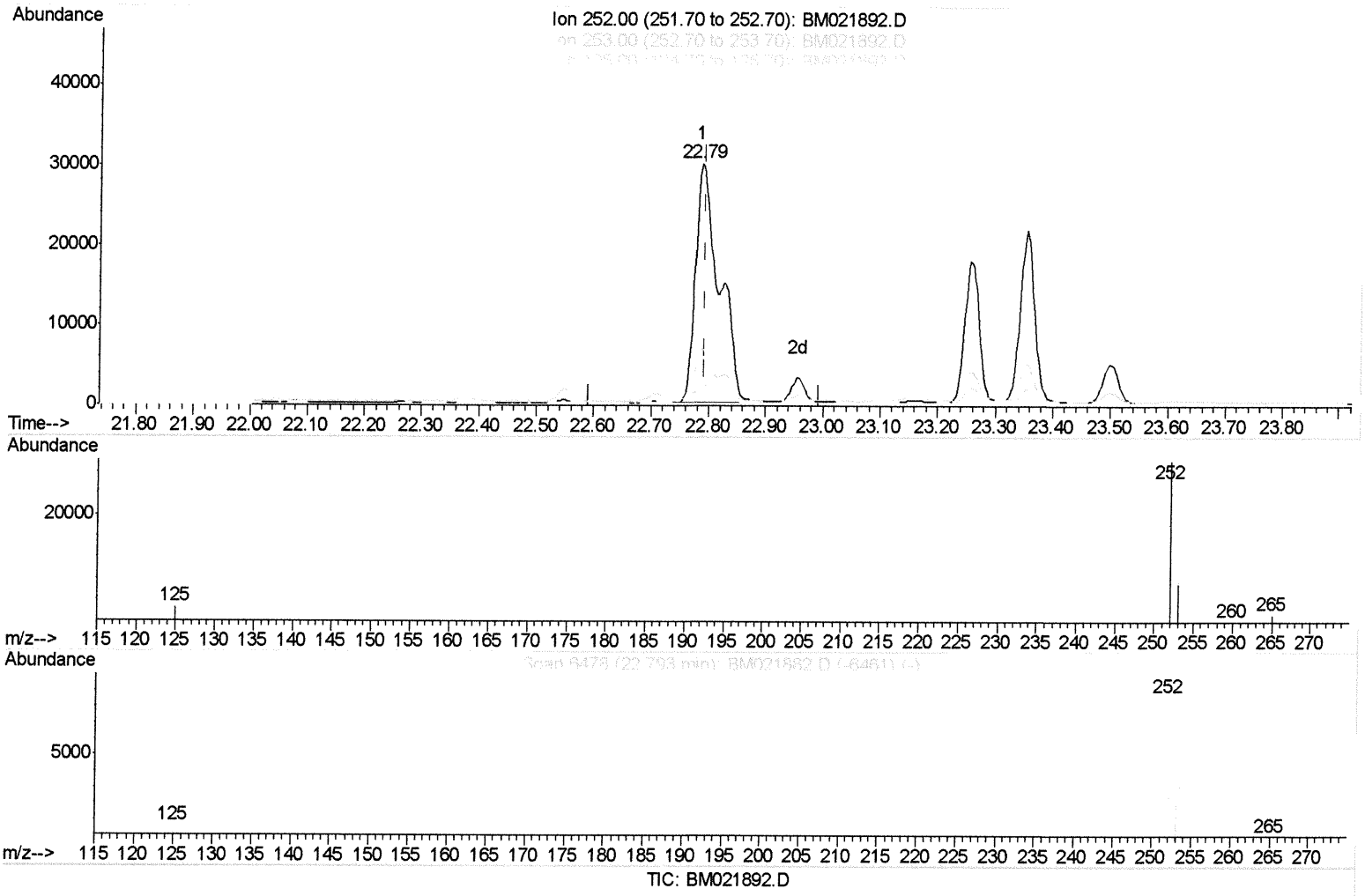
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021892.D
Acq On : 07 Aug 2019 12:47
Operator : HP/JU
Sample : K3922-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 07 15:07:48 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 :
A52F1DL

Manual Integrations APPROVED
mohammad
8/7/2019 11:52:22 PM



TIC: BM021892.D

(21) Benzo(b)fluoranthene

22.786min (-0.008) 3.76ng/ul

response 86221

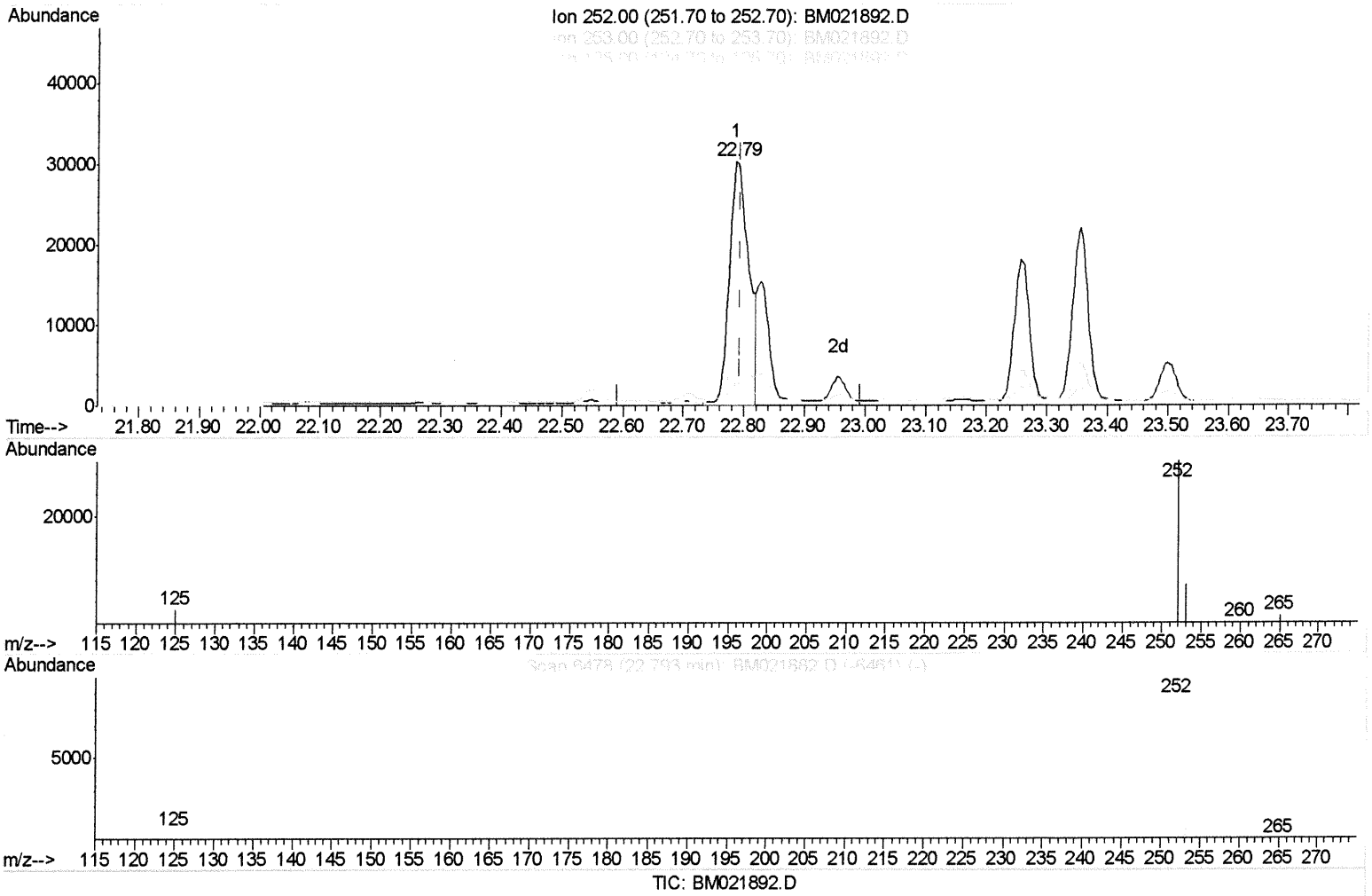
Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.69
125.00	15.50	8.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021892.D
Acq On : 07 Aug 2019 12:47
Operator : HP/JU
Sample : K3922-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 07 15:07:48 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 :
A52F1DL

Manual Integrations APPROVED
mohammad
8/7/2019 11:52:22 PM



(21) Benzo(b)fluoranthene

22.786min (-0.008) 2.87ng/ul m JU 08/07/19

response 65970

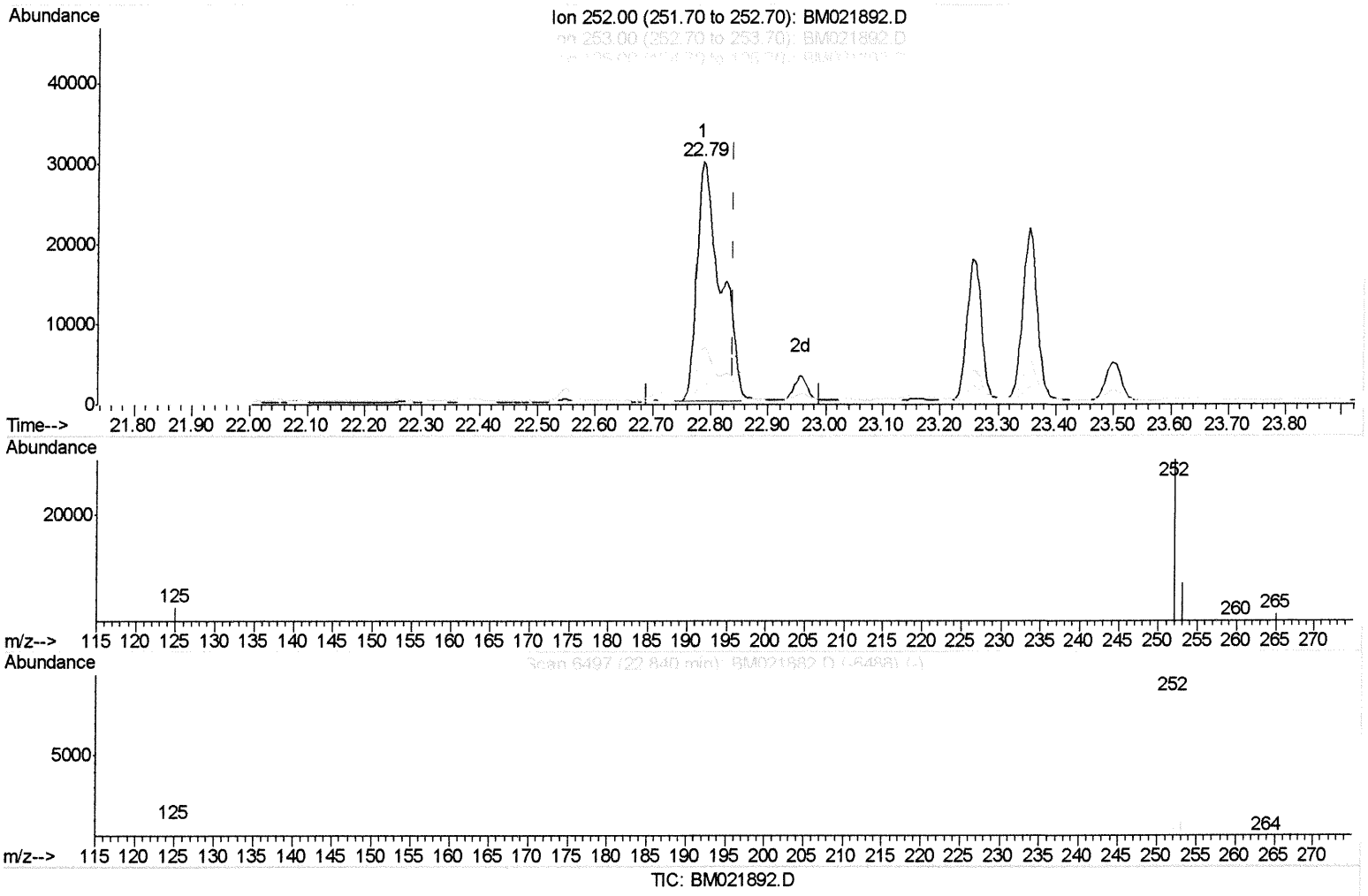
Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.69
125.00	15.50	8.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021892.D
Acq On : 07 Aug 2019 12:47
Operator : HP/JU
Sample : K3922-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 07 15:07:48 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 :
A52F1DL

Manual Integrations APPROVED
mohammad
8/7/2019 11:52:22 PM



TIC: BM021892.D

(22) Benzo(k)fluoranthene

22.786min (-0.054) 3.32ng/ul

response 86221

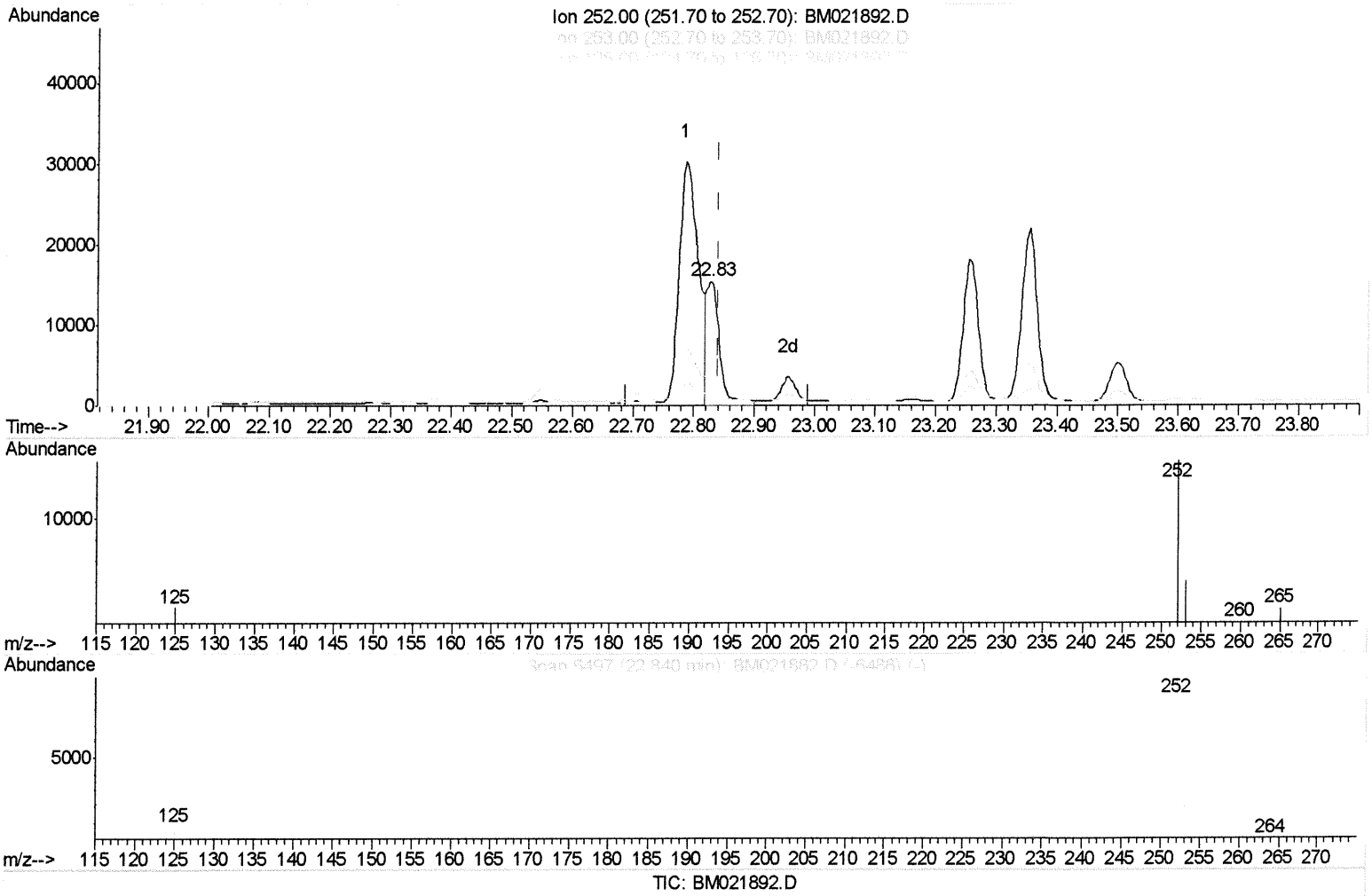
Ion	Exp%	Act%
252.00	100	100
253.00	33.70	23.69#
125.00	15.20	8.94#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021892.D
Acq On : 07 Aug 2019 12:47
Operator : HP/JU
Sample : K3922-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 07 15:07:48 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 :
A52F1DL

Manual Integrations APPROVED
mohammad
8/7/2019 11:52:22 PM



TIC: BM021892.D

(22) Benzo(k)fluoranthene

22.827min (-0.012) 0.92ng/ul m JU 08/07/19

response 23785

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	25.87#
125.00	15.20	10.19#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080719\
Data File : BM021892.D
Acq On : 07 Aug 2019 12:47
Operator : HP/JU
Sample : K3922-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1DL

Manual Integrations APPROVED
mohammad
8/7/2019 11:52:22 PM

Quant Time: Aug 07 15:10:56 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	885	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3769	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2122	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4887	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	4870	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6806	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	335	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	949	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	650	0.061	ng/ul#	81
5) 2-Methylnaphthalene	12.10	142	169	0.024	ng/ul	98
7) Acenaphthylene	14.01	152	880	0.089	ng/ul#	88
8) Acenaphthene	14.34	153	1868	0.231	ng/ul	97
9) Fluorene	15.34	166	2590	0.288	ng/ul	98
12) Phenanthrene	17.08	178	71228	5.009	ng/ul	96
13) Anthracene	17.17	178	4941	0.407	ng/ul	98
15) Fluoranthene	19.10	202	129315	6.789	ng/ul	95
17) Pyrene	19.47	202	101050	5.049	ng/ul	99
18) Benzo(a)anthracene	21.22	228	35382	2.031	ng/ul	99
19) Chrysene	21.27	228	50272	2.244	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	65970m →	2.874	ng/ul → JU 08/07/19	
22) Benzo(k)fluoranthene	22.83	252	23785m →	0.916	ng/ul → JU 08/07/19	
23) Benzo(a)pyrene	23.36	252	38572	1.653	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.67	276	31101	1.116	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.67	278	6534	0.290	ng/ul	97
26) Benzo(g,h,i)perylene	26.35	276	30122	1.201	ng/ul	96

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