

Quantitation Report (QT Reviewed)

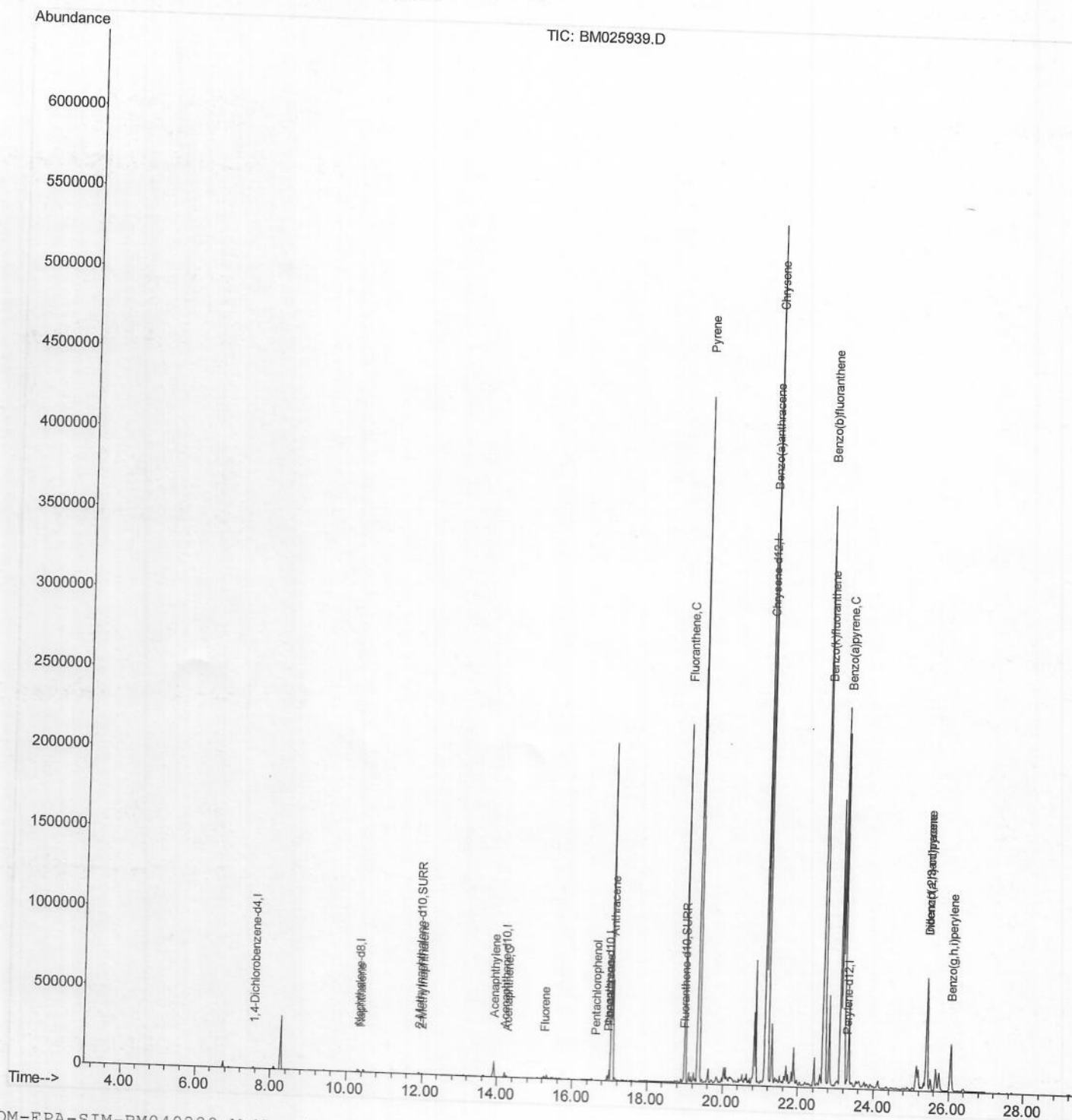
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040420\
 Data File : BM025939.D
 Acq On : 04 Apr 2020 07:24
 Operator : CG/JU
 Sample : L2062-08RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F3E07RE

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:41:58 PM

Quant Time: Apr 06 00:40:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 10:49:07 2020
 Response via : Initial Calibration



Quantitation Report (Qedit)

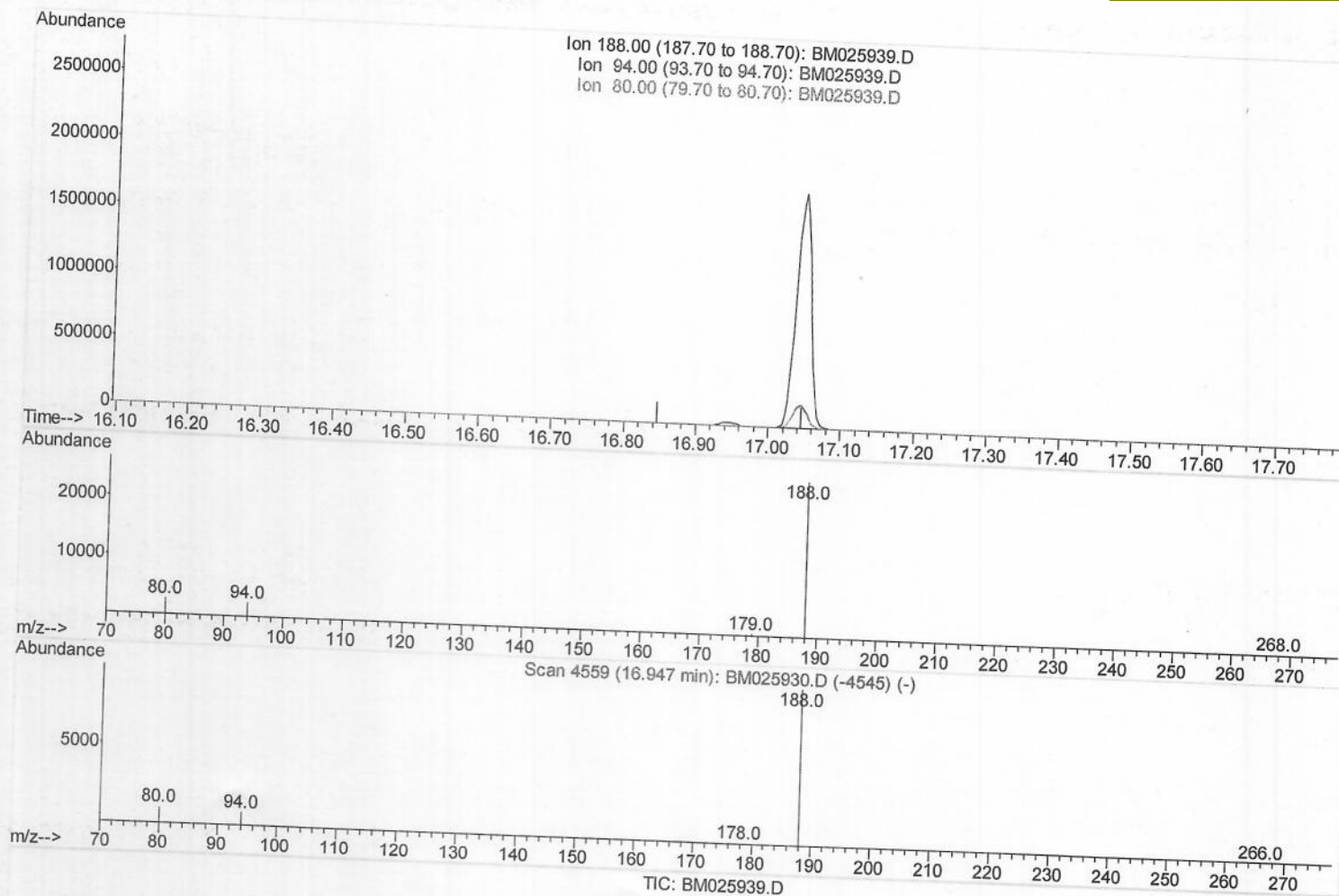
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040420\
 Data File : BM025939.D
 Acq On : 04 Apr 2020 07:24
 Operator : CG/JU
 Sample : L2062-08RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E07RE

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:41:58 PM

Quant Time: Apr 06 00:37:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 10:49:07 2020
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.947min (-16.947) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	8.20	0.00#
80.00	9.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

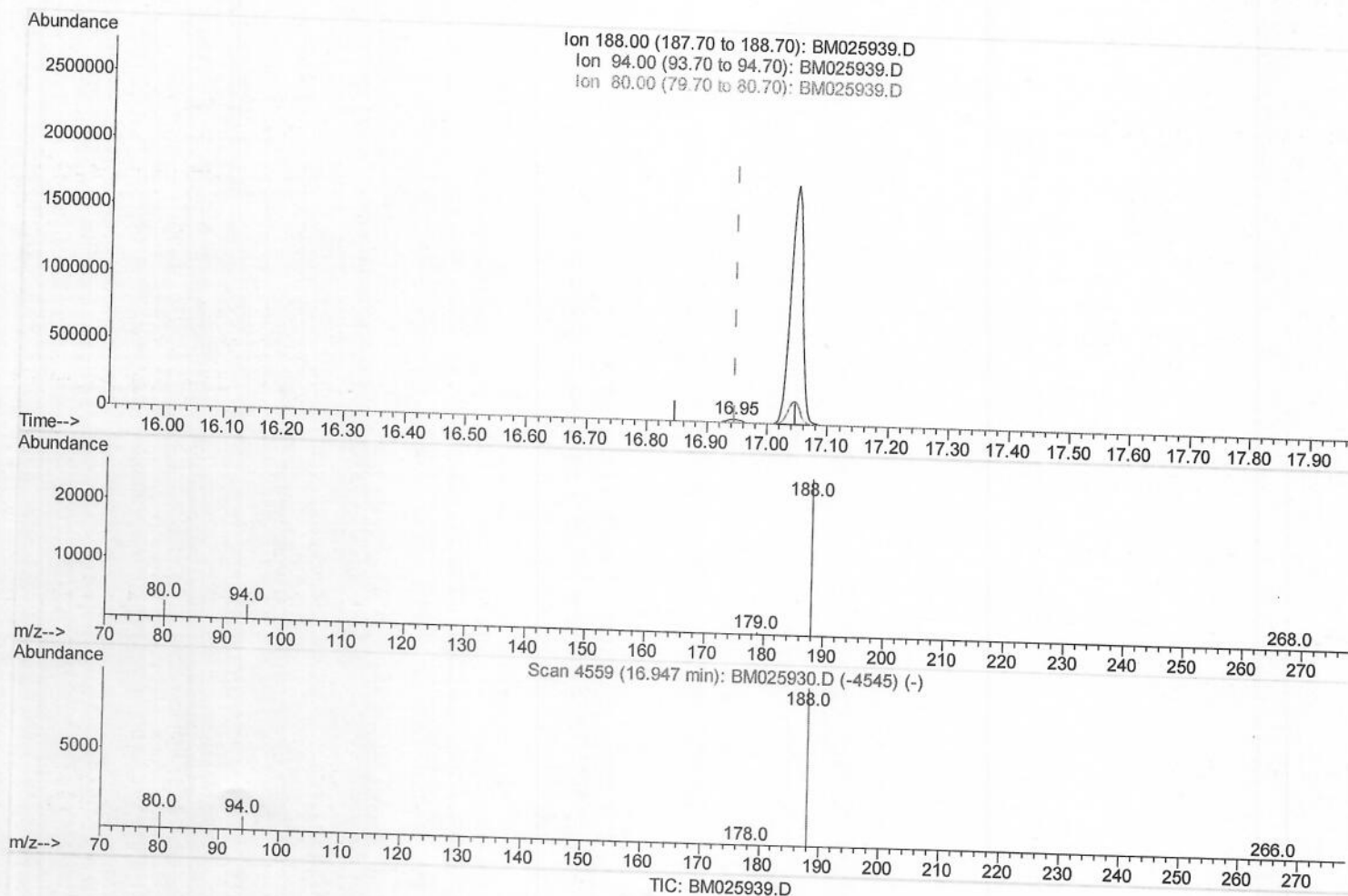
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040420\
 Data File : BM025939.D
 Acq On : 04 Apr 2020 07:24
 Operator : CG/JU
 Sample : L2062-08RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E07RE

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:41:58 PM

Quant Time: Apr 06 00:37:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 10:49:07 2020
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.946min (-0.001) 0.40ng/ul m

response 36520

Ion	Exp%	Act%
188.00	100	100
94.00	8.20	9.02
80.00	9.50	10.21
0.00	0.00	0.00

AP
 04/8/2020

Quantitation Report (Qedit)

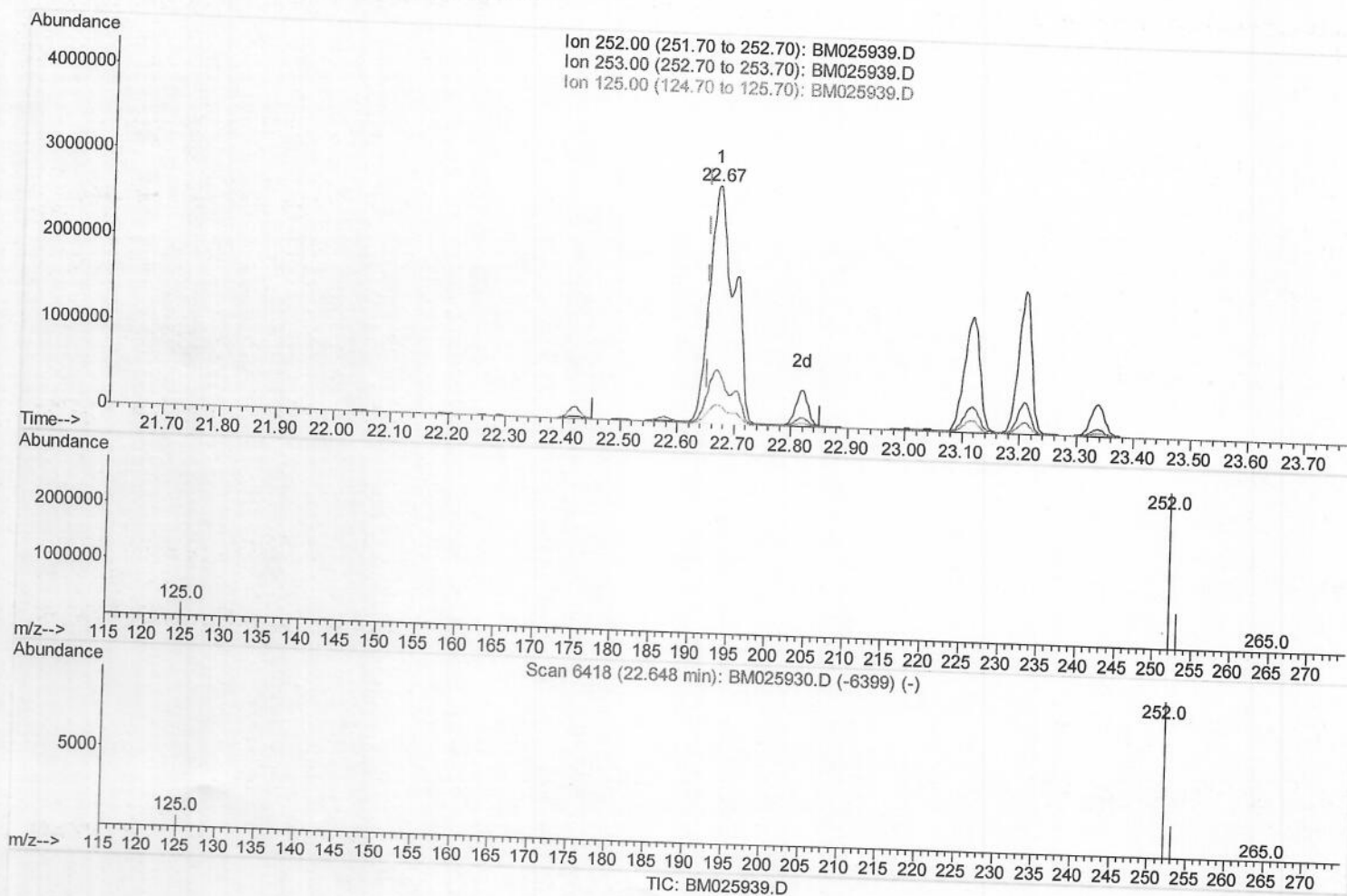
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040420\
 Data File : BM025939.D
 Acq On : 04 Apr 2020 07:24
 Operator : CG/JU
 Sample : L2062-08RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E07RE

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:41:58 PM

Quant Time: Apr 06 00:38:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 10:49:07 2020
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.667min (+0.014) 55.46ng/ul

response 8327112

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	22.83
125.00	7.70	7.93
0.00	0.00	0.00

Quantitation Report (Qedit)

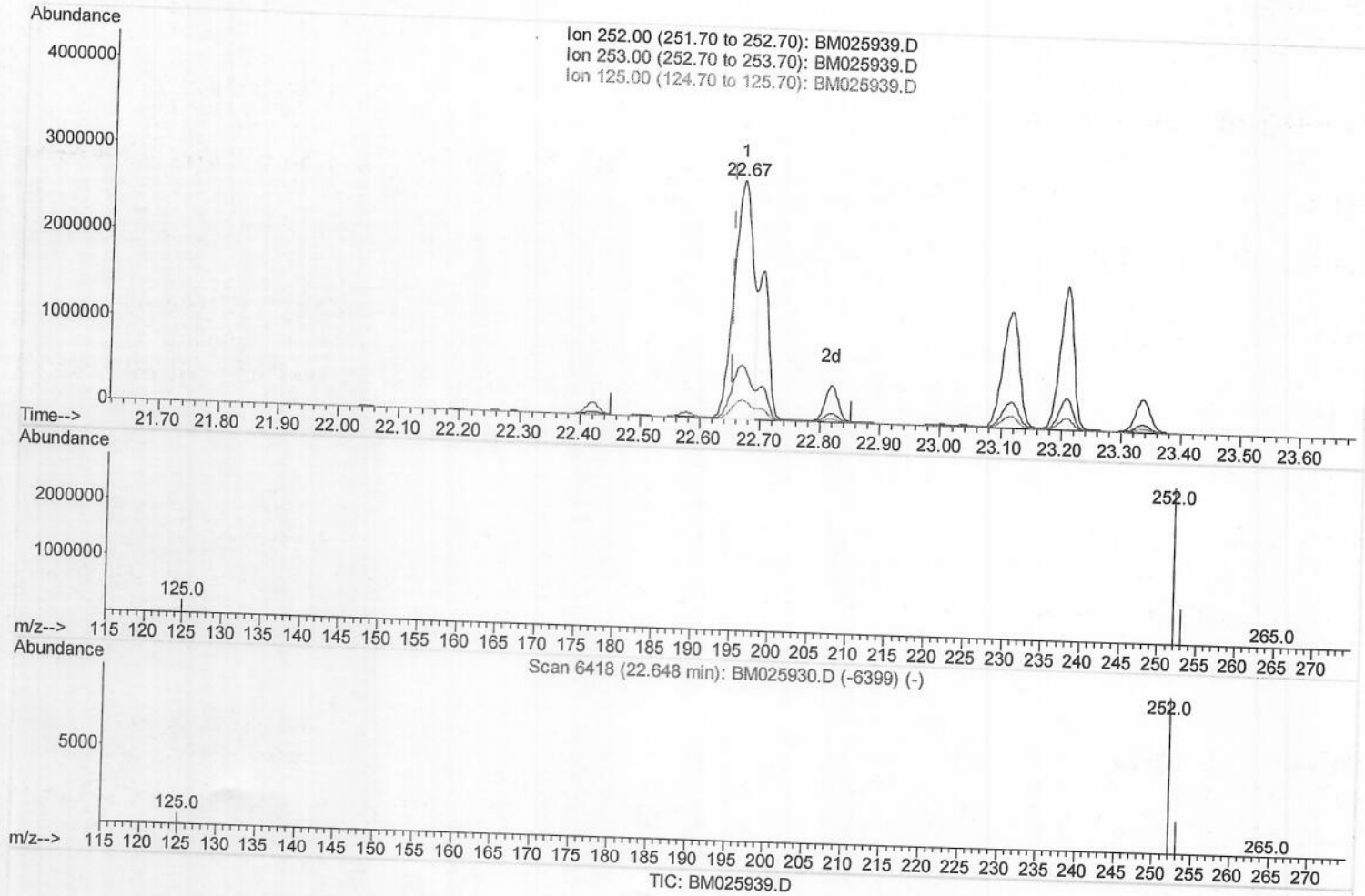
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040420\
 Data File : BM025939.D
 Acq On : 04 Apr 2020 07:24
 Operator : CG/JU
 Sample : L2062-08RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E07RE

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:41:58 PM

Quant Time: Apr 06 00:38:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 10:49:07 2020
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.667min (+0.014) 41.01ng/ul m

response 6157674

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	22.83
125.00	7.70	7.93
0.00	0.00	0.00

AP
 04/8/2020

Quantitation Report (Qedit)

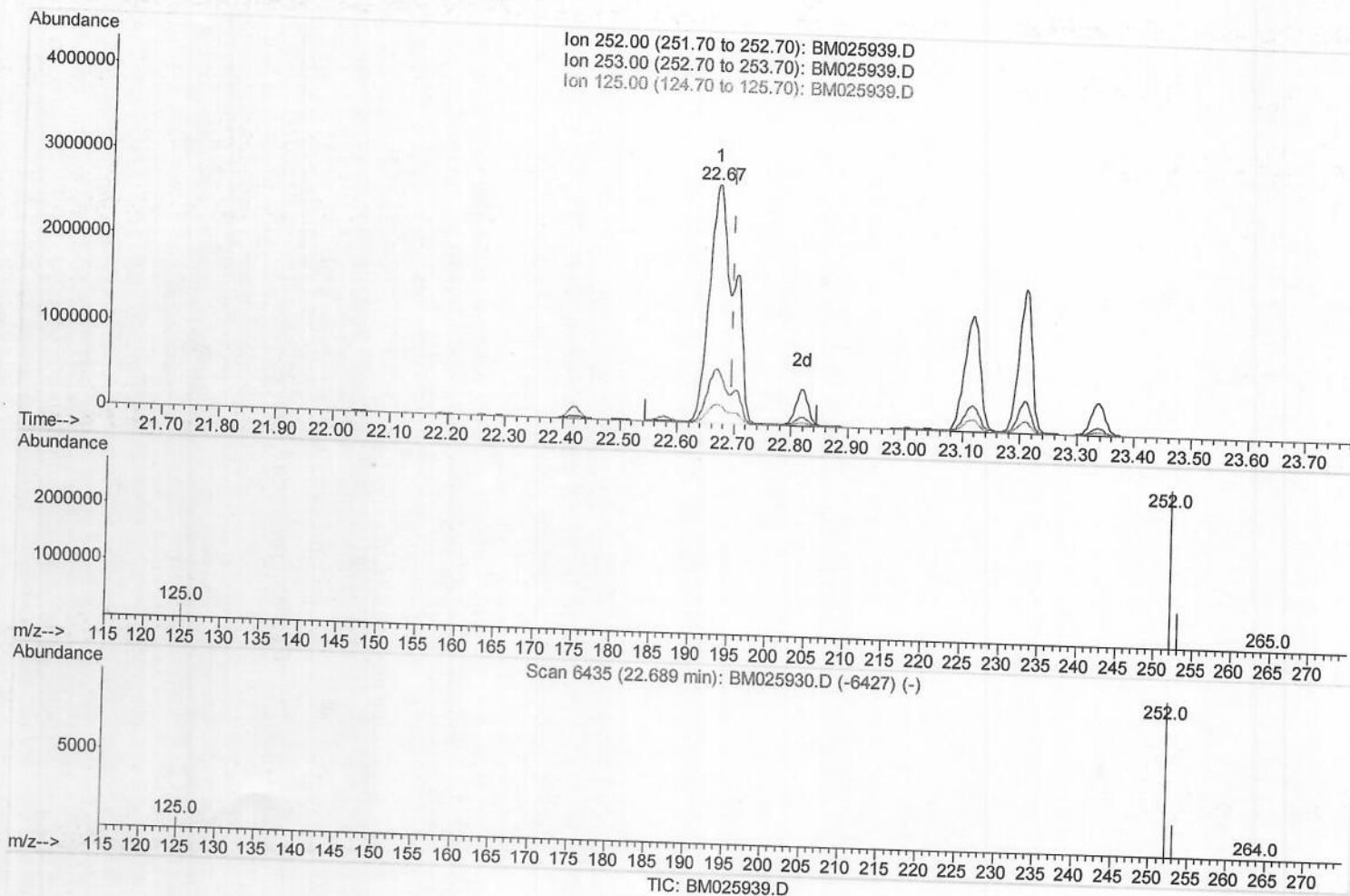
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040420\
 Data File : BM025939.D
 Acq On : 04 Apr 2020 07:24
 Operator : CG/JU
 Sample : L2062-08RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E07RE

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:41:58 PM

Quant Time: Apr 06 00:38:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 10:49:07 2020
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.667min (-0.029) 51.72ng/ul

response 8327112

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	22.83
125.00	8.40	7.93
0.00	0.00	0.00

Quantitation Report (Qedit)

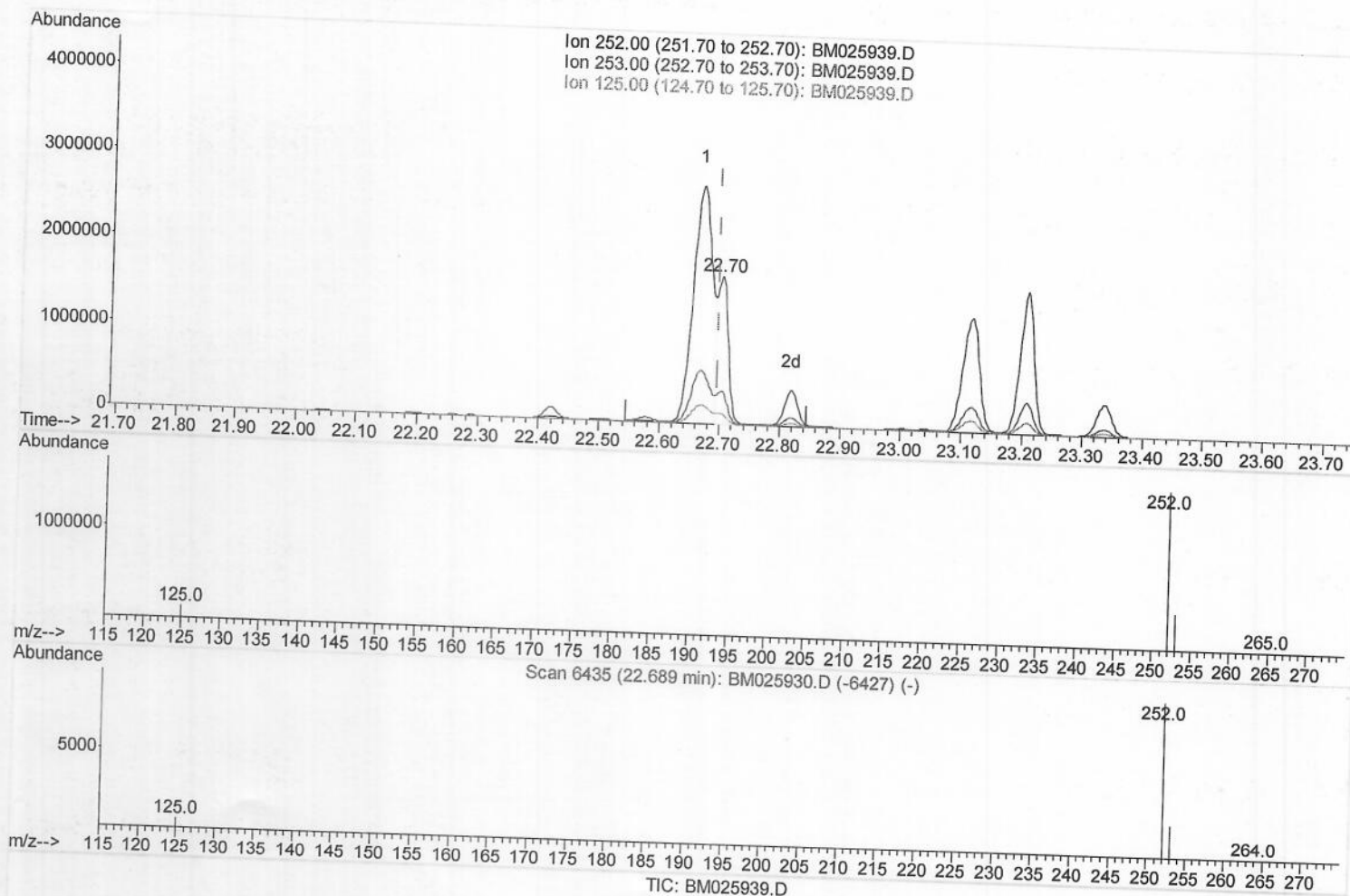
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040420\
 Data File : BM025939.D
 Acq On : 04 Apr 2020 07:24
 Operator : CG/JU
 Sample : L2062-08RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E07RE

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:41:58 PM

Quant Time: Apr 06 00:38:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 10:49:07 2020
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.701min (+0.005) 13.58ng/ul m >

response 2185945

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	22.85
125.00	8.40	7.57
0.00	0.00	0.00

AP
 04/8/2020

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM040420\
 Data File : BM025939.D
 Acq On : 04 Apr 2020 07:24
 Operator : CG/JU
 Sample : L2062-08RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E07RE

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:41:58 PM

Quant Time: Apr 06 00:40:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 10:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	4906	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	22603	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	16168	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	36520m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	40625	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	40798	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	11507	0.29	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	35820	0.31	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.37	128	4558	0.069	ng/ul#	94
5) 2-Methylnaphthalene	12.00	142	1699	0.037	ng/ul	100
7) Acenaphthylene	13.92	152	111364	1.611	ng/ul	99
8) Acenaphthene	14.26	153	5570	0.097	ng/ul	97
9) Fluorene	15.25	166	11464	0.161	ng/ul	99
11) Pentachlorophenol	16.61	266	266	0.030	ng/ul#	87
12) Phenanthrene	16.99	178	68213	0.593	ng/ul	99
13) Anthracene	17.08	178	605044	5.952	ng/ul	99
15) Fluoranthene	19.01	202	1901107	13.373	ng/ul	99
17) Pyrene	19.38	202	3363942	23.121	ng/ul	97
18) Benzo(a)anthracene	21.13	228	2985770	20.561	ng/ul	97
19) Chrysene	21.19	228	5527643	34.875	ng/ul	98
21) Benzo(b)fluoranthene	22.67	252	6157674m	41.012	ng/ul	97
22) Benzo(k)fluoranthene	22.70	252	2185945m	13.578	ng/ul	99
23) Benzo(a)pyrene	23.21	252	2666145	19.870	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.41	276	1039931	5.787	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.41	278	309994	2.067	ng/ul	98
26) Benzo(a,h,i)perylene	26.05	276	575591	3.786	ng/ul	99

AP-04/8/2020

AP-04/8/2020

AP-04/8/2020

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