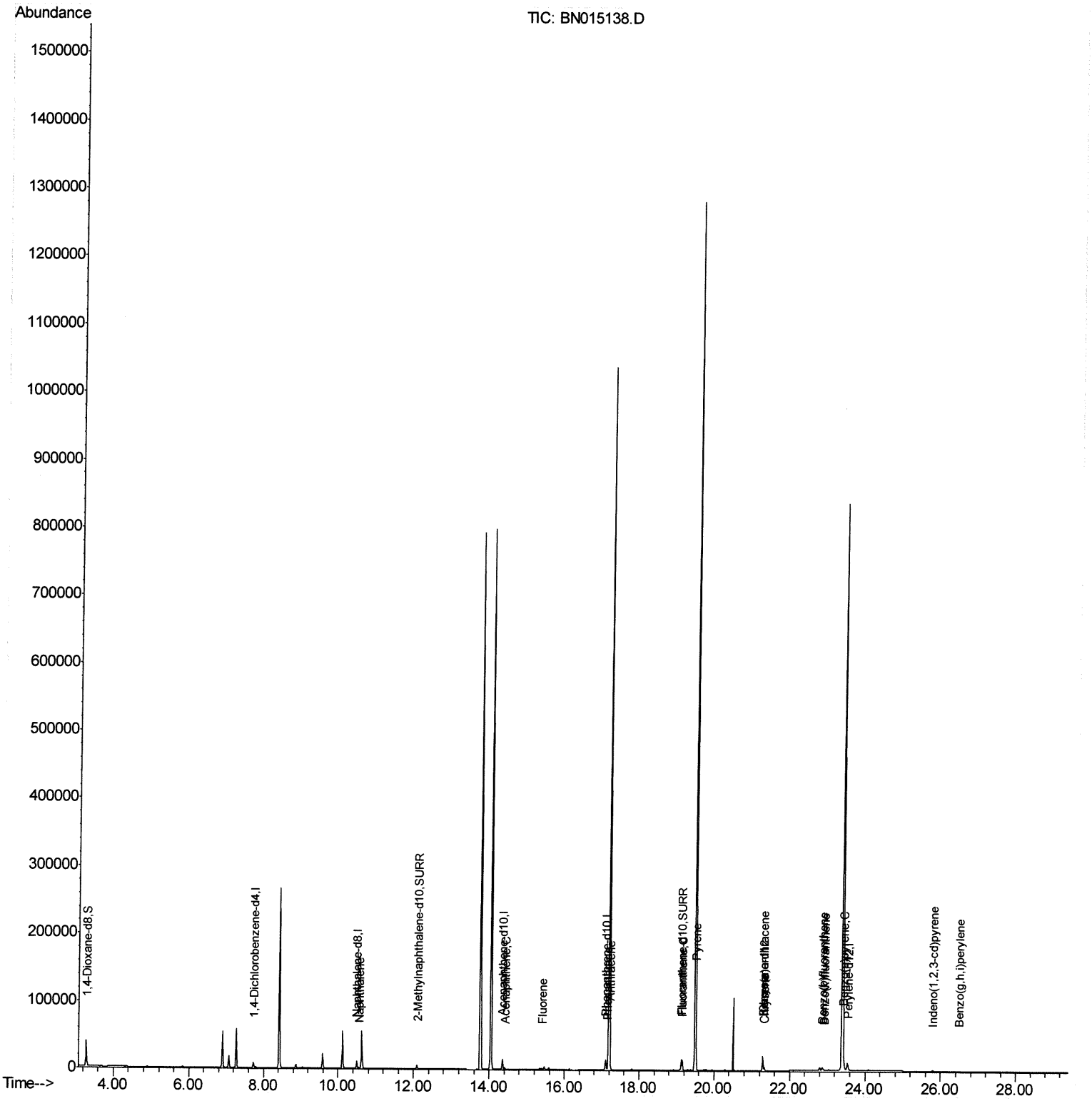
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015138.D
Acq On : 27 Jun 2021 04:59
Operator : CG/JU
Sample : M2680-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 28 05:18:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDC3

Manual Integrations APPROVED
mohammad
6/28/2021 1:28:04 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015138.D
Acq On : 27 Jun 2021 04:59
Operator : CG/JU
Sample : M2680-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 28 01:25:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDC3

Manual Integrations APPROVED
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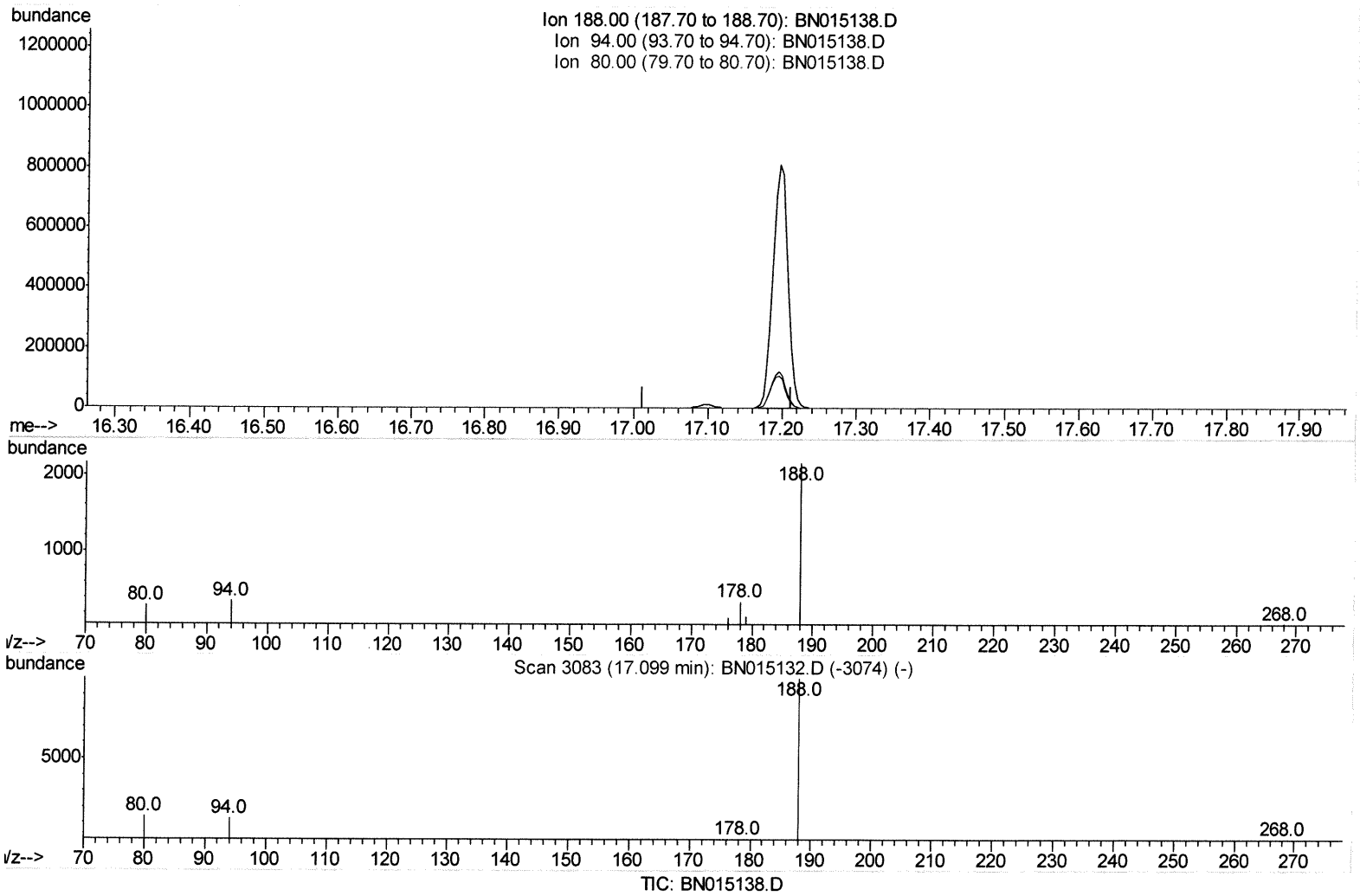

(13) Phenanthrene-d10 (I)

17.113min (-17.113) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	14.10	0.00#
80.00	14.40	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015138.D
Acq On : 27 Jun 2021 04:59
Operator : CG/JU
Sample : M2680-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 28 01:25:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
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QLast Update : Tue Jun 22 11:53:52 2021
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Instrument :
BNA_N
ClientSampleId :
BGDC3

Manual Integrations APPROVED
mohammad
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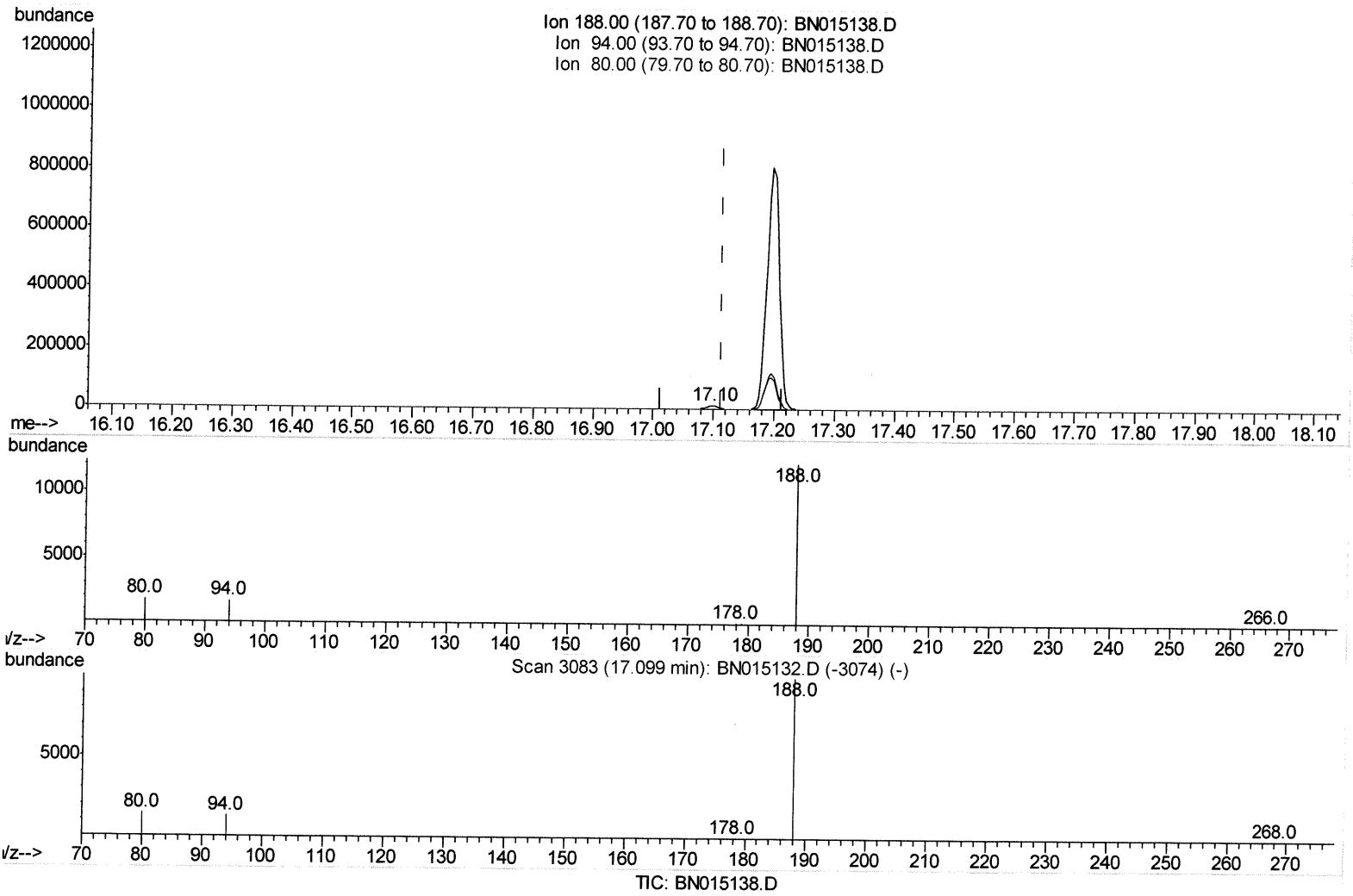

(13) Phenanthrene-d10 (I)

17.098min (-0.015) 0.40ng/ul m JU 6/30/21

response 17178

Ion	Exp%	Act%
188.00	100	100
94.00	14.10	13.45
80.00	14.40	14.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015138.D
Acq On : 27 Jun 2021 04:59
Operator : CG/JU
Sample : M2680-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 28 02:12:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDC3

Manual Integrations APPROVED
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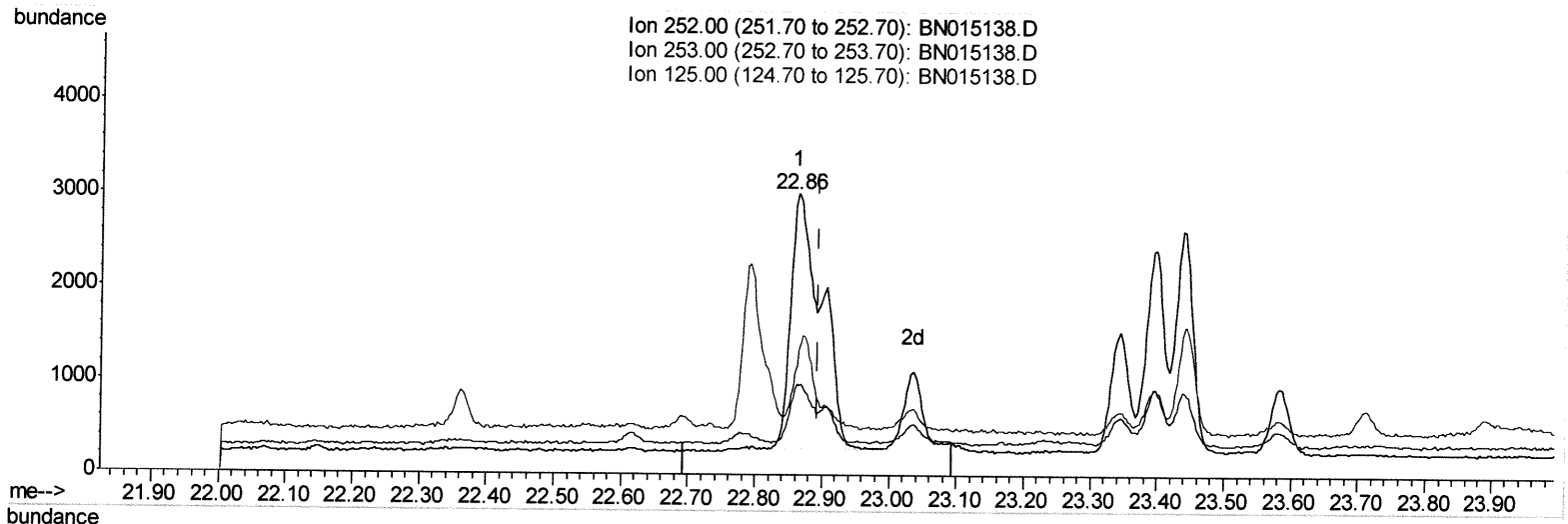
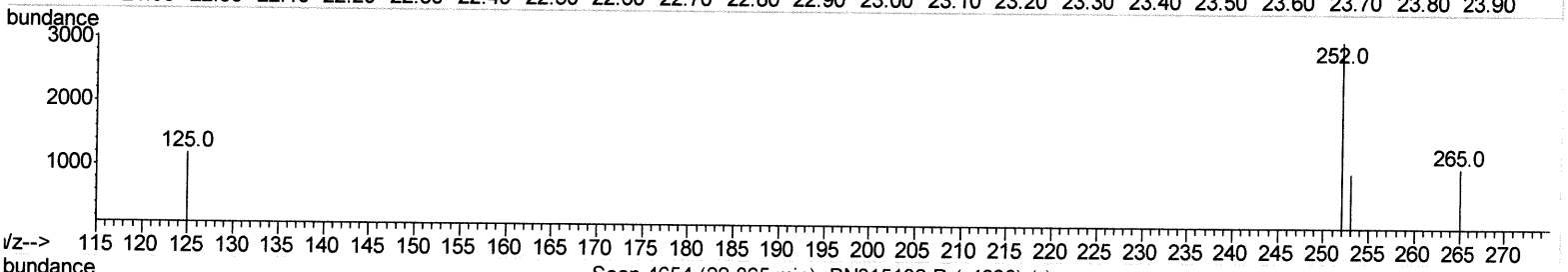
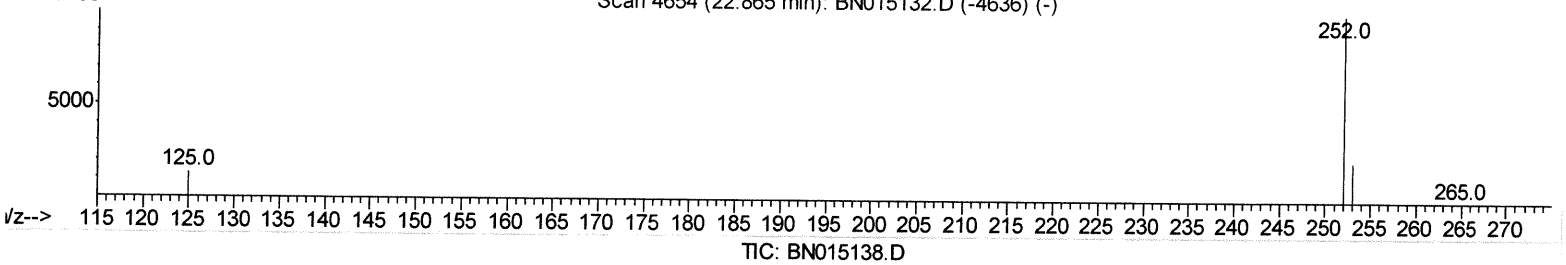




Scan 4654 (22.865 min): BN015132.D (-4636) (-)



TIC: BN015138.D

(24) Benzo(b)fluoranthene

22.862min (-0.033) 0.12ng/ul

response 8771

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	32.13
125.00	14.20	39.09#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015138.D
Acq On : 27 Jun 2021 04:59
Operator : CG/JU
Sample : M2680-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 28 02:12:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDC3

Manual Integrations APPROVED
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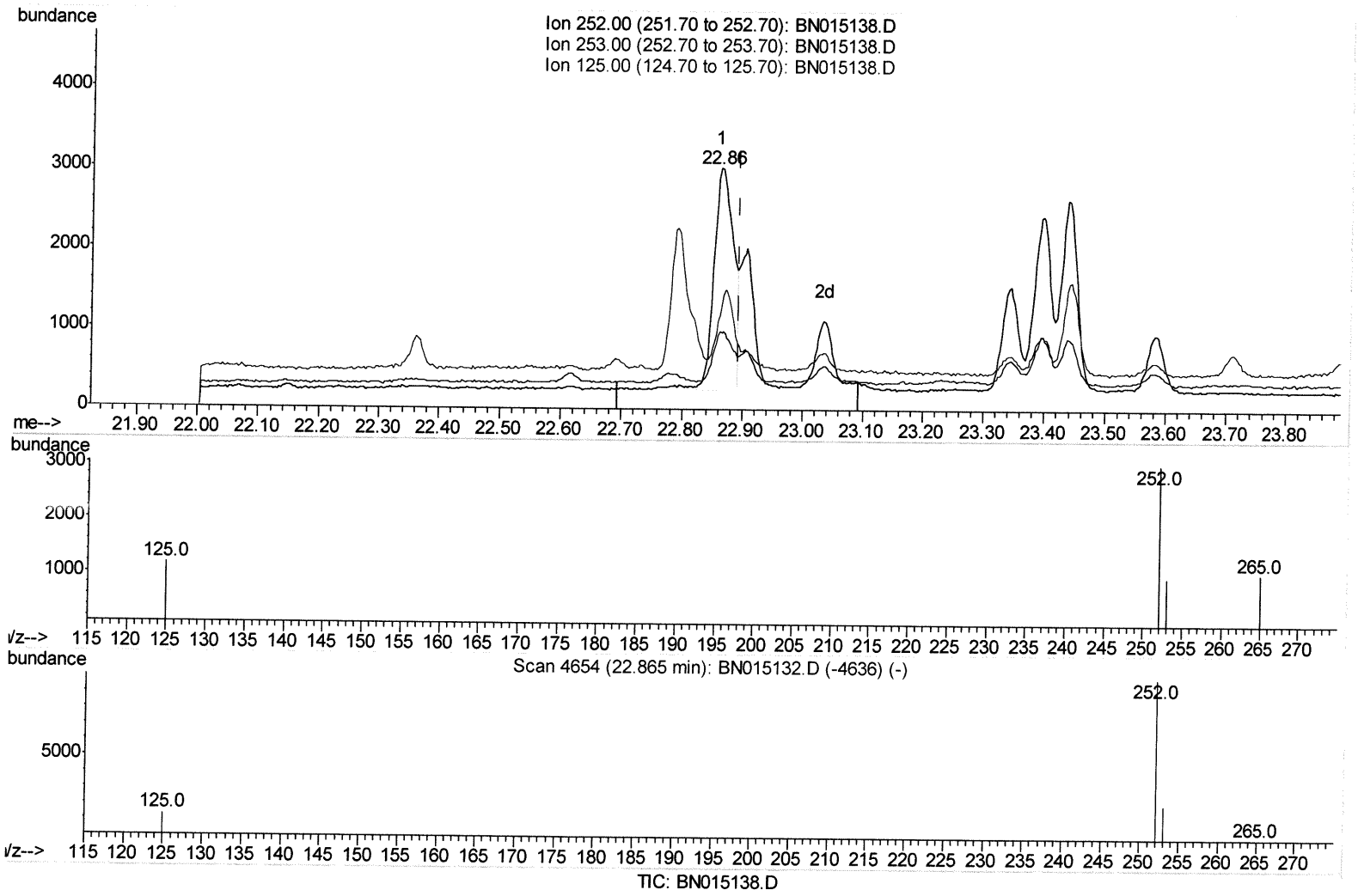

(24) Benzo(b)fluoranthene

22.862min (-0.033) 0.09ng/ul m JU 6/30/21

response 6204

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	32.13
125.00	14.20	39.09#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015138.D
Acq On : 27 Jun 2021 04:59
Operator : CG/JU
Sample : M2680-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 28 02:14:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDC3

Manual Integrations APPROVED
mohammad
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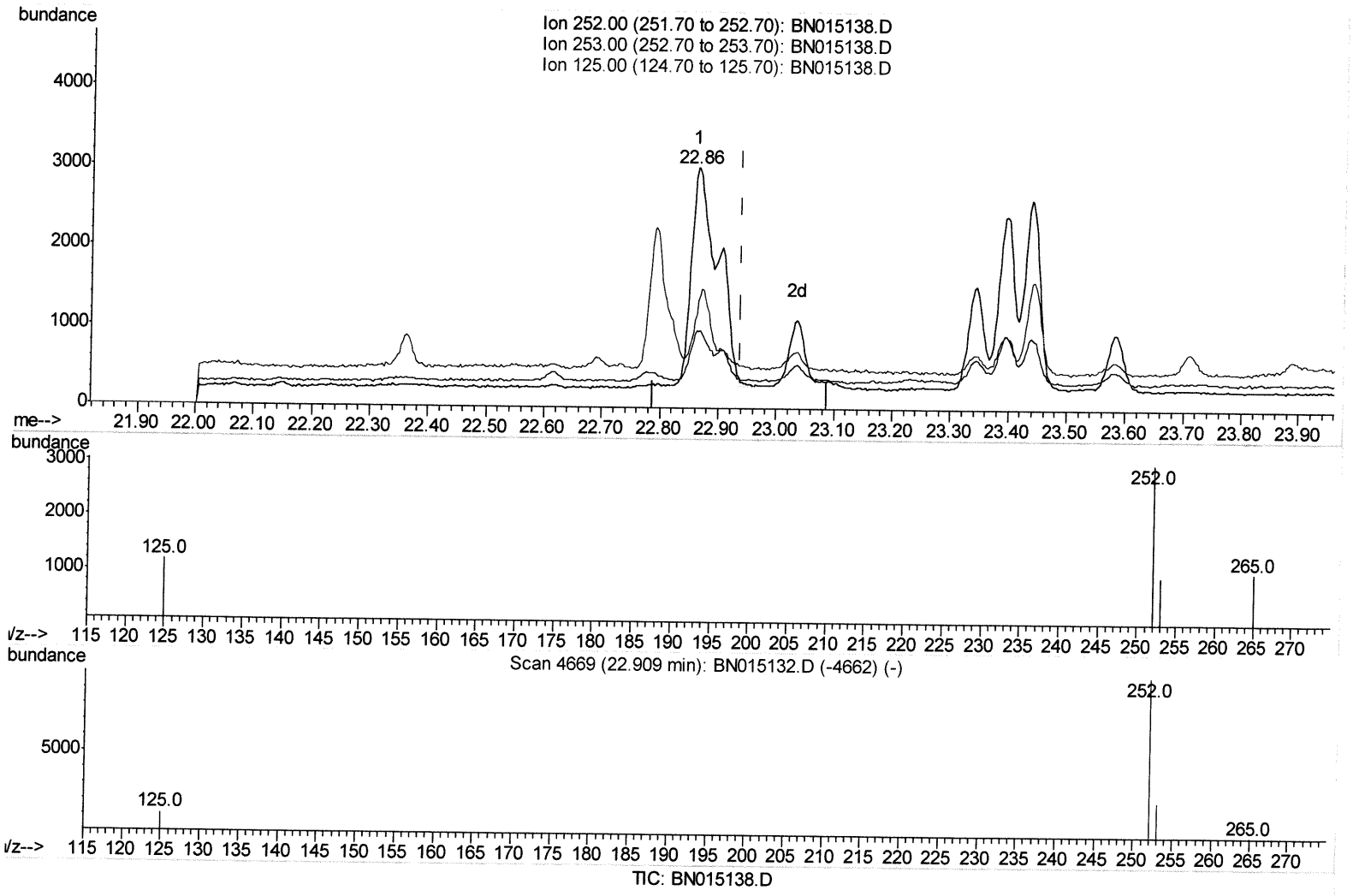

TIC: BN015138.D

(25) Benzo(k)fluoranthene

22.862min (-0.076) 0.11ng/ul

response 8792

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	32.13#
125.00	14.40	39.09#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015138.D
Acq On : 27 Jun 2021 04:59
Operator : CG/JU
Sample : M2680-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 28 02:14:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDC3

Manual Integrations APPROVED
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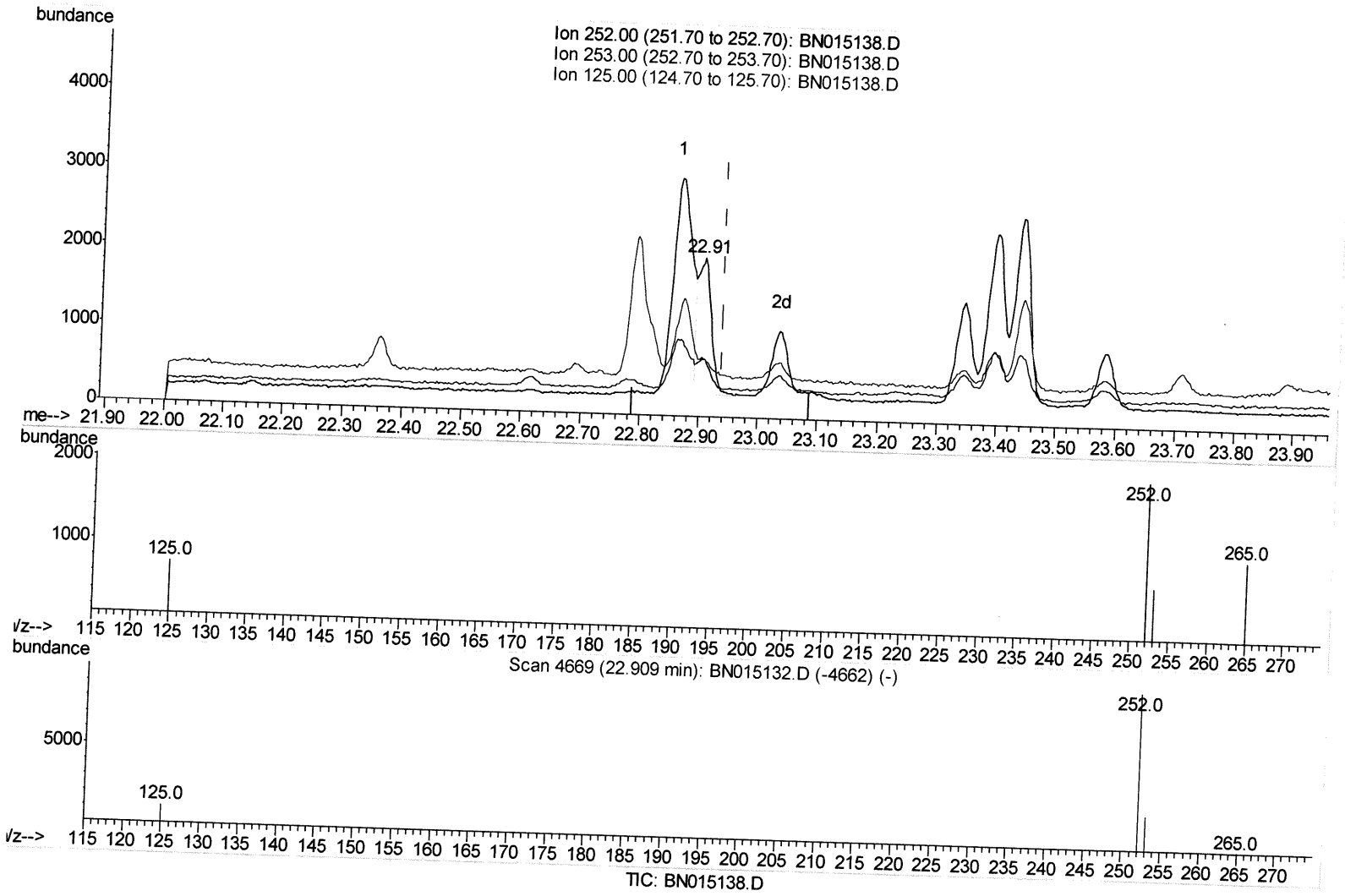

(25) Benzo(k)fluoranthene

22.906min (-0.033) 0.03ng/ul m

response 2779

JU 6/30/21

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	36.31#
125.00	14.40	36.56#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015138.D
Acq On : 27 Jun 2021 04:59
Operator : CG/JU
Sample : M2680-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 28 05:04:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BGDC3

Manual Integrations APPROVED
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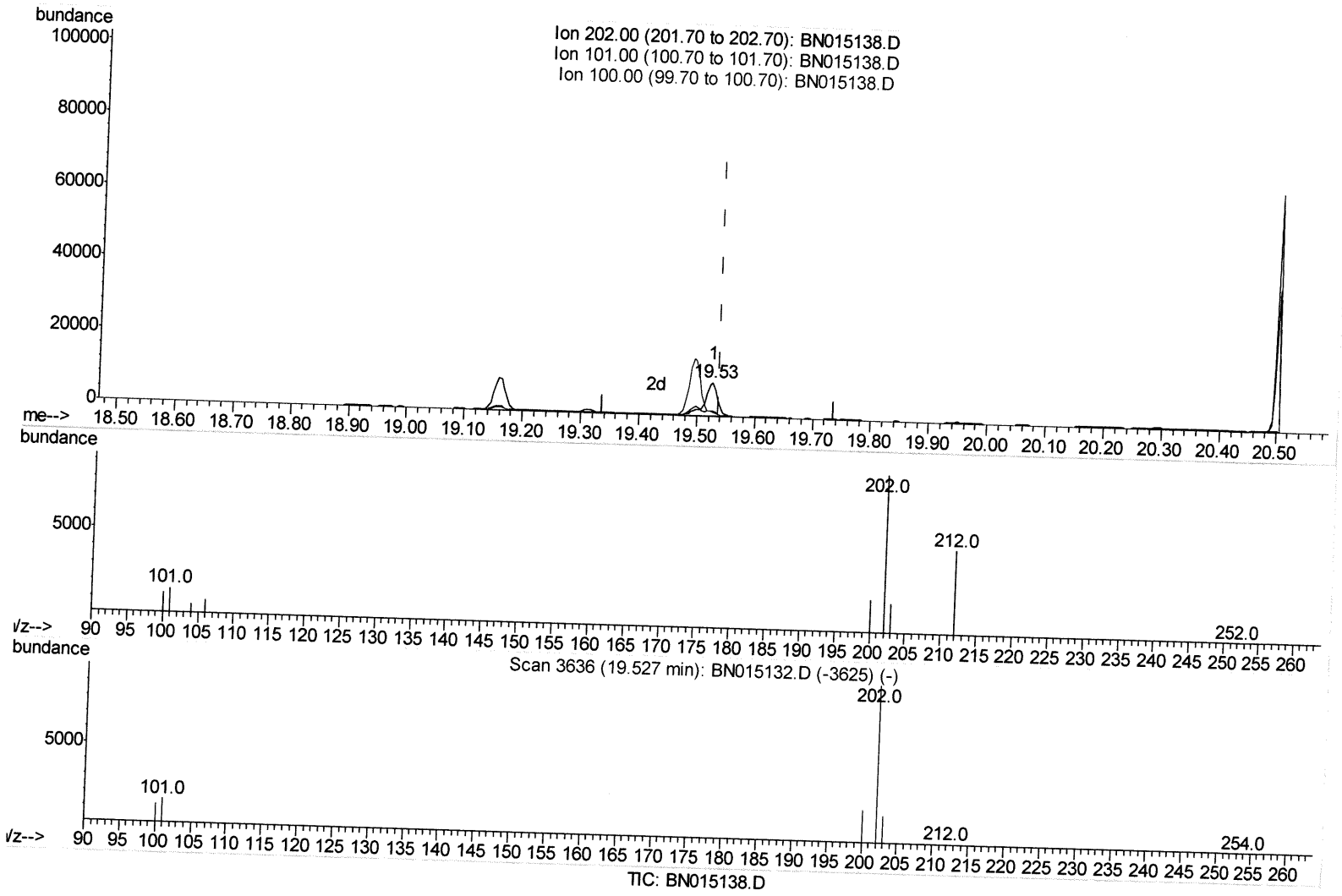

TIC: BN015138.D

(20) Pyrene

19.526min (-0.011) 0.19ng/ul

response 14189

Ion	Exp%	Act%
202.00	100	100
101.00	15.00	16.02
100.00	12.00	12.89
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015138.D
Acq On : 27 Jun 2021 04:59
Operator : CG/JU
Sample : M2680-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 28 05:04:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
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Instrument :
BNA_N
ClientSampleId :
BGDC3

Manual Integrations APPROVED
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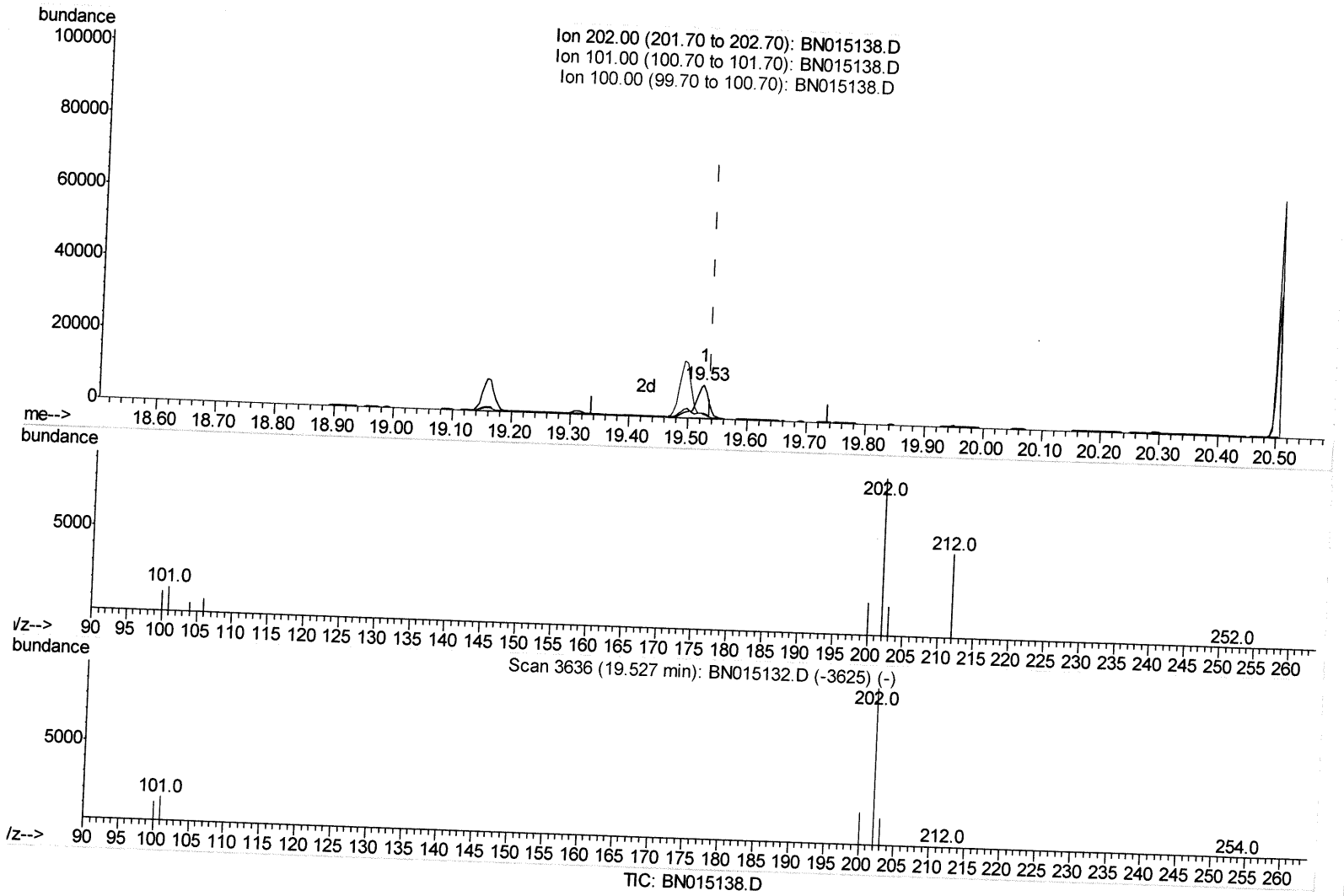

(20) Pyrene

19.526min (-0.011) 0.17ng/ul m

response 12335

JU 6/30/21

Ion	Exp%	Act%
202.00	100	100
101.00	15.00	16.02
100.00	12.00	12.89
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062721\
Data File : BN015138.D
Acq On : 27 Jun 2021 04:59
Operator : CG/JU
Sample : M2680-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGDC3

Manual Integrations APPROVED
mohammad
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Quant Time: Jun 28 05:18:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	4052	0.40	ng/ul	-0.01
4) Naphthalene-d8	10.50	136	14383	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.35	164	8244	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.10	188	17178m	0.40	ng/ul	-0.01
17) Chrysene-d12	21.29	240	16118	0.40	ng/ul	-0.02
23) Perylene-d12	23.53	264	15499	0.40	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	23891	5.23	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.09	152	7469	0.33	ng/ul	-0.01
18) Fluoranthene-d10	19.13	212	17206	0.32	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.55	128	2916	0.064	ng/ul#	92
11) Acenaphthene	14.41	153	1868	0.057	ng/ul	96
12) Fluorene	15.40	166	1398	0.039	ng/ul#	94
15) Phenanthrene	17.14	178	9350	0.150	ng/ul	99
16) Anthracene	17.23	178	2521	0.046	ng/ul#	90
19) Fluoranthene	19.16	202	12119	0.163	ng/ul	96
20) Pyrene	19.53	202	12335m	0.165	ng/ul	
21) Benzo(a)anthracene	21.28	228	6128	0.103	ng/ul#	89
22) Chrysene	21.33	228	5434	0.076	ng/ul	94
24) Benzo(b)fluoranthene	22.86	252	6204m	0.086	ng/ul	
25) Benzo(k)fluoranthene	22.91	252	2779m	0.034	ng/ul	
26) Benzo(a)pyrene	23.44	252	4288	0.071	ng/ul#	49
27) Indeno(1,2,3-cd)pyrene	25.79	276	2697	0.037	ng/ul#	93
29) Benzo(g,h,i)perylene	26.47	276	2614	0.038	ng/ul#	78

JU 6/30/21

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