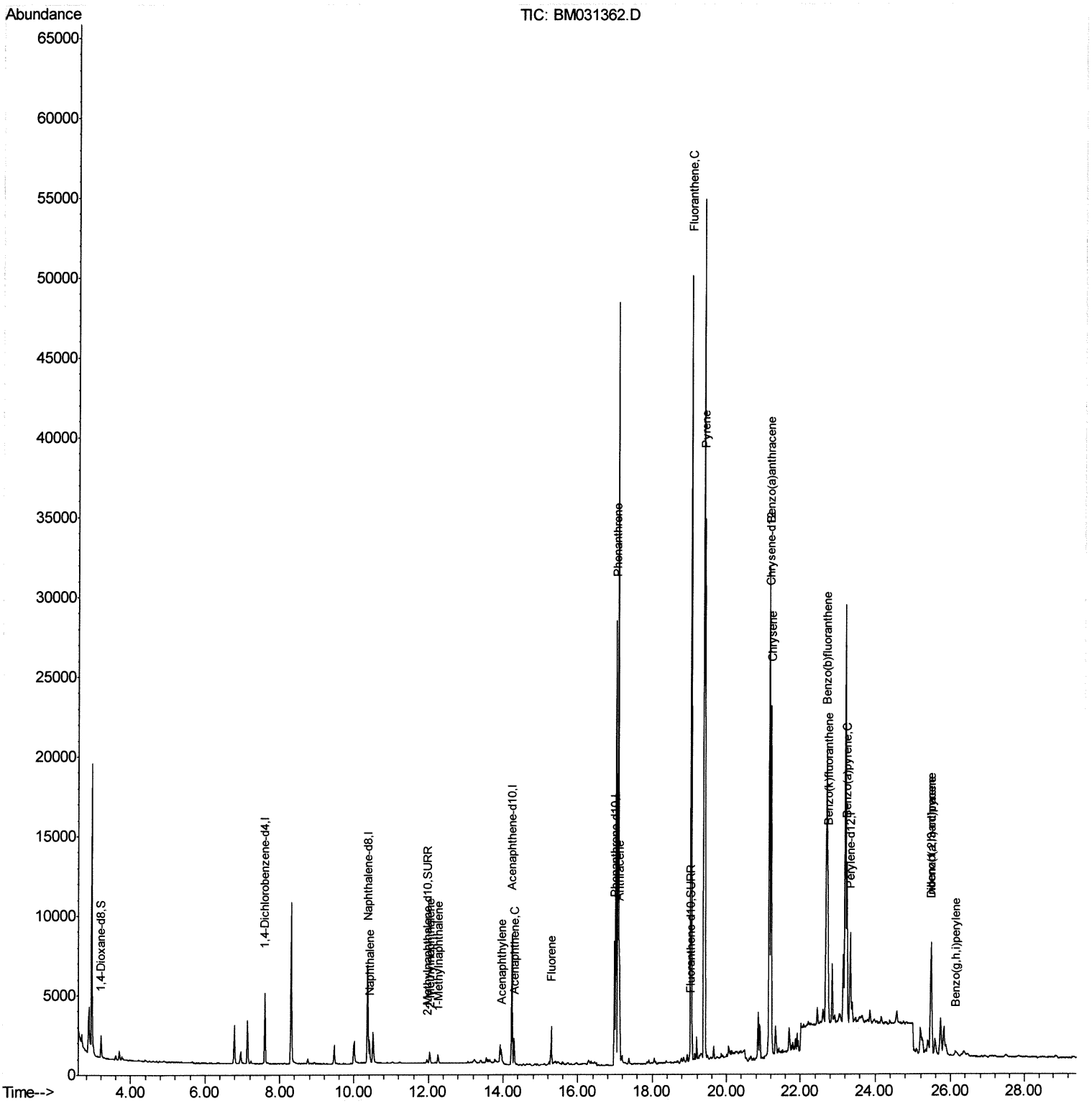
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031362.D
Acq On : 01 Aug 2021 23:29
Operator : CG/JU
Sample : M3107-03DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Aug 02 09:07:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 08:49:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD13DL

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:51 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031362.D
Acq On : 01 Aug 2021 23:29
Operator : CG/JU
Sample : M3107-03DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Aug 02 08:50:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 08:49:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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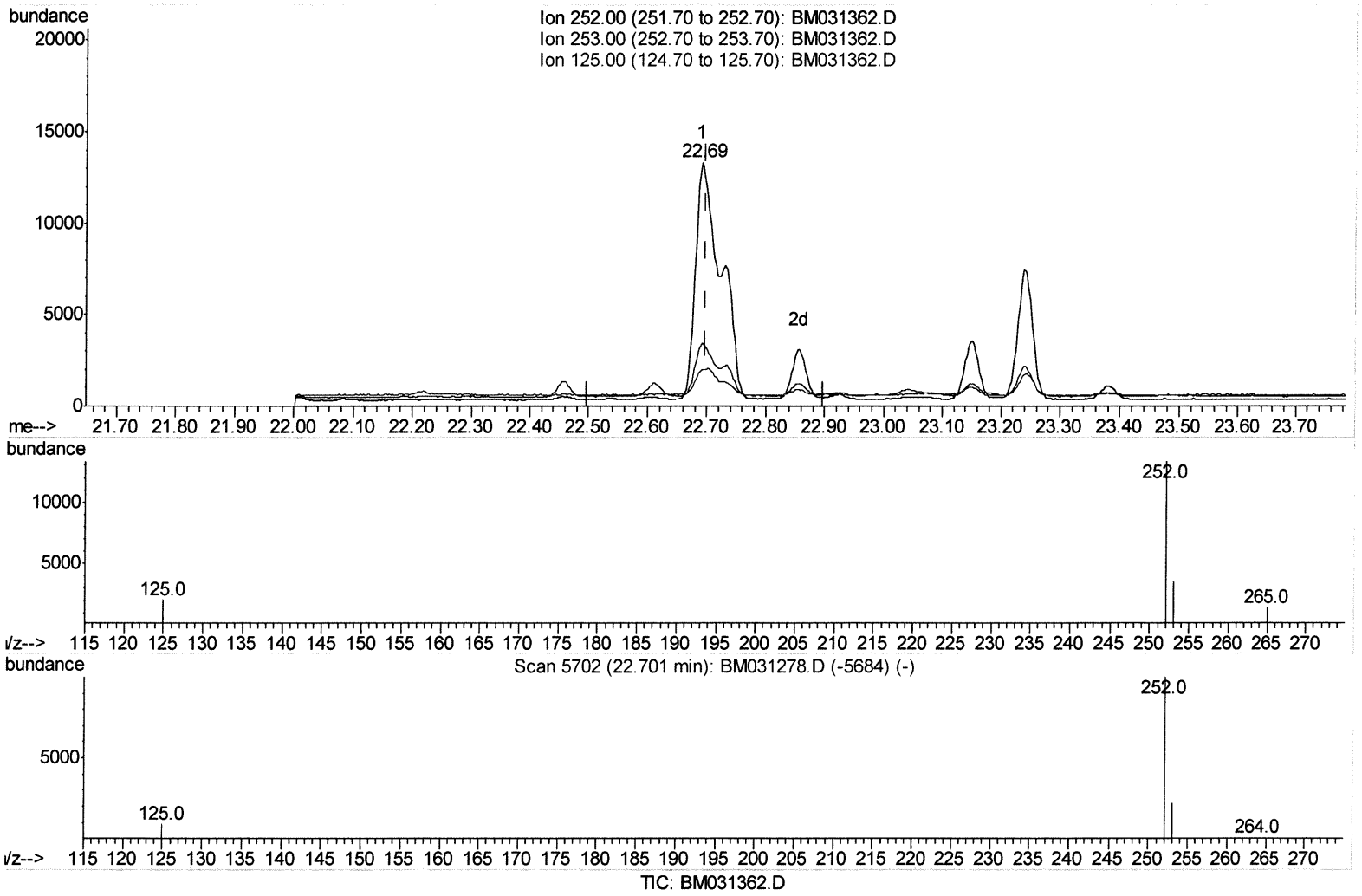

TIC: BM031362.D

(24) Benzo(b)fluoranthene

22.692min (-0.007) 1.28ng/ul

response 38419

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.90
125.00	11.40	15.09
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
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Manual Integrations APPROVED
mohammad
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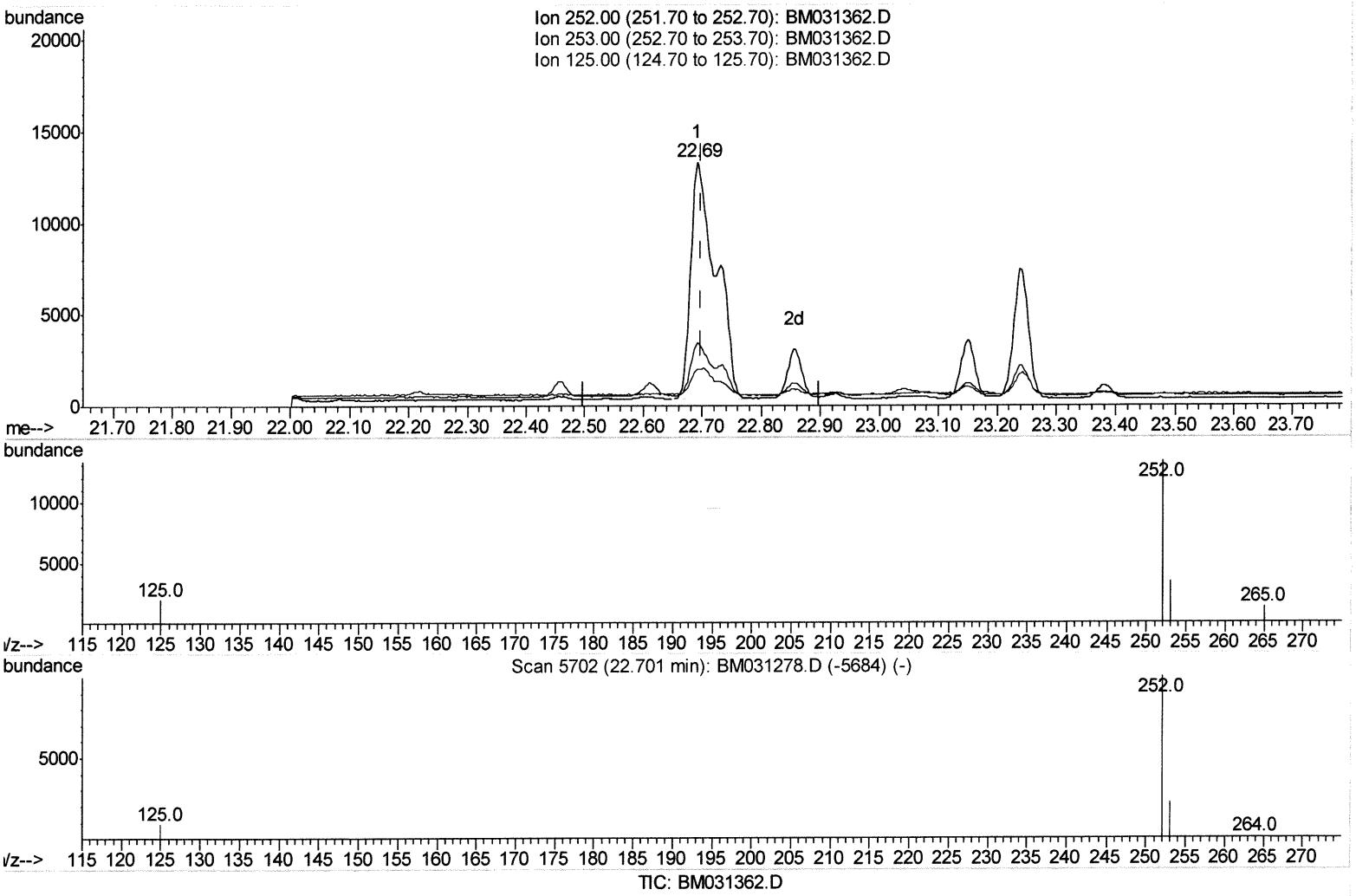


TIC: BM031362.D

(24) Benzo(b)fluoranthene

22.692min (-0.007) 1.28ng/ul

response 38419

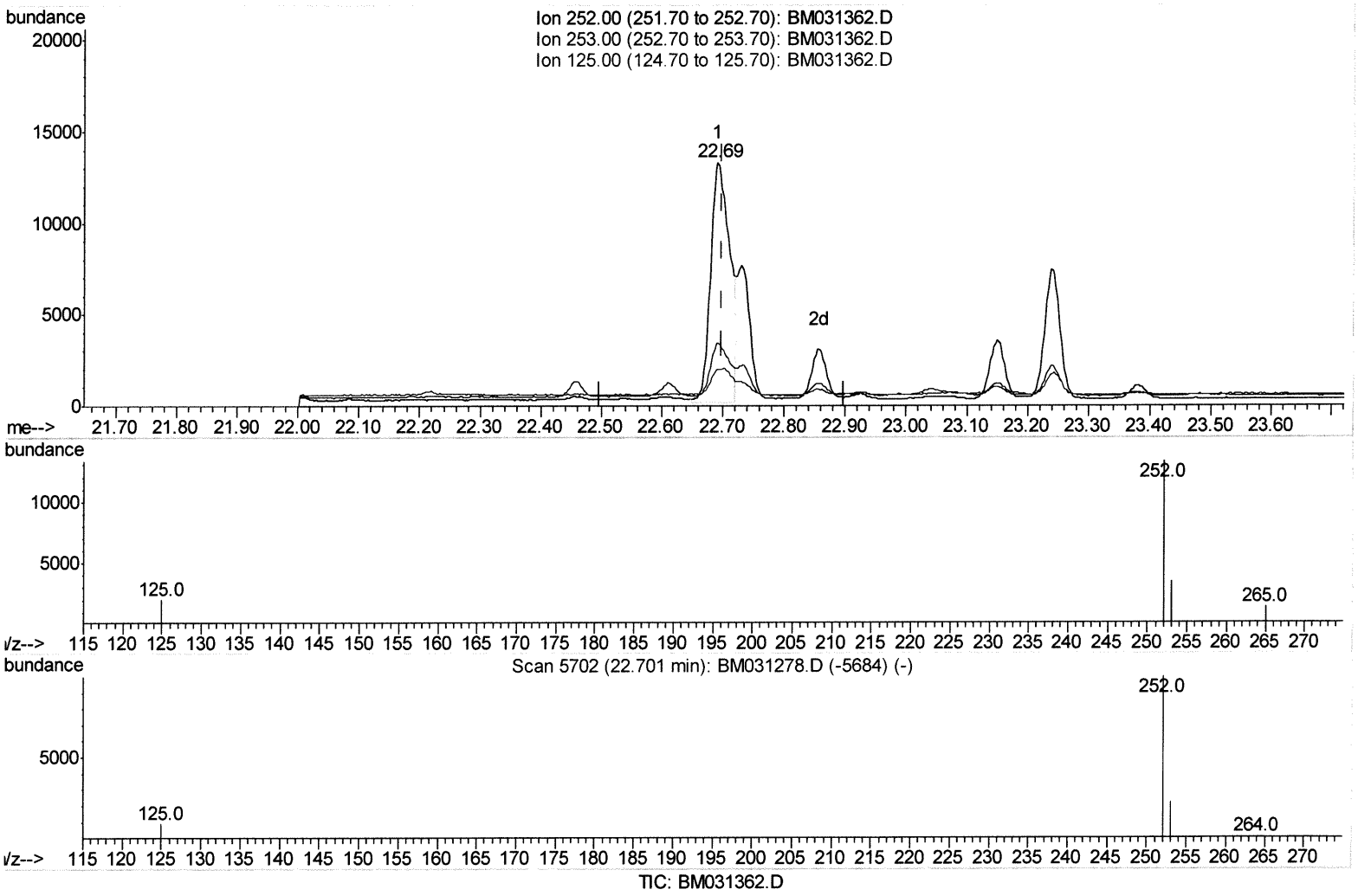
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.90
125.00	11.40	15.09
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031362.D
Acq On : 01 Aug 2021 23:29
Operator : CG/JU
Sample : M3107-03DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Aug 02 08:50:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 08:49:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD13DL

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:51 PM



(24) Benzo(b)fluoranthene

22.692min (-0.007) 0.95ng/ul m JU 8/3/21

response 28637

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.90
125.00	11.40	15.09
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031362.D
Acq On : 01 Aug 2021 23:29
Operator : CG/JU
Sample : M3107-03DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Aug 02 09:04:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 08:49:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD13DL

Manual Integrations APPROVED
mohammad
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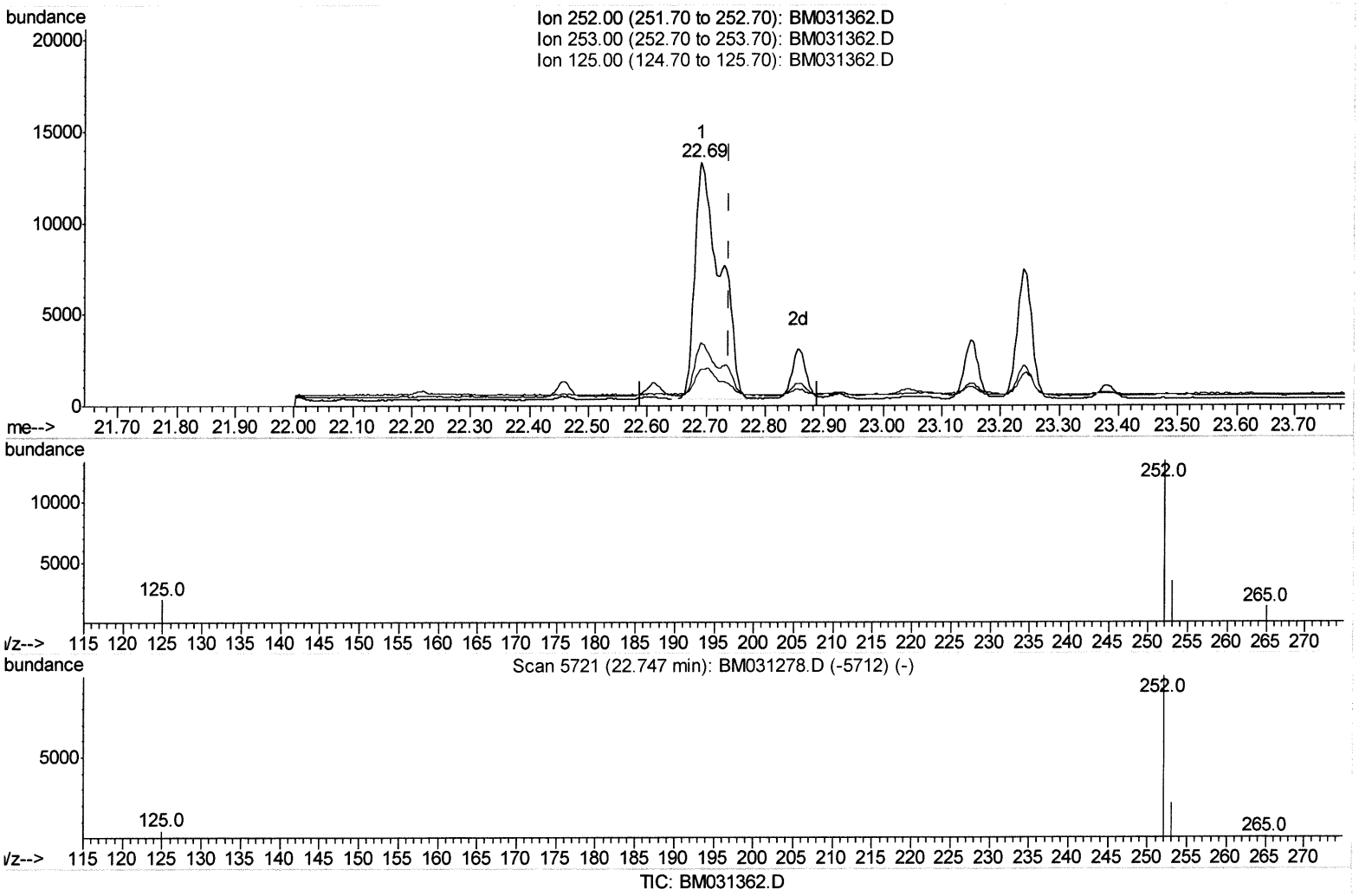


TIC: BM031362.D

(25) Benzo(k)fluoranthene

22.692min (-0.048) 1.24ng/ul

response 38506

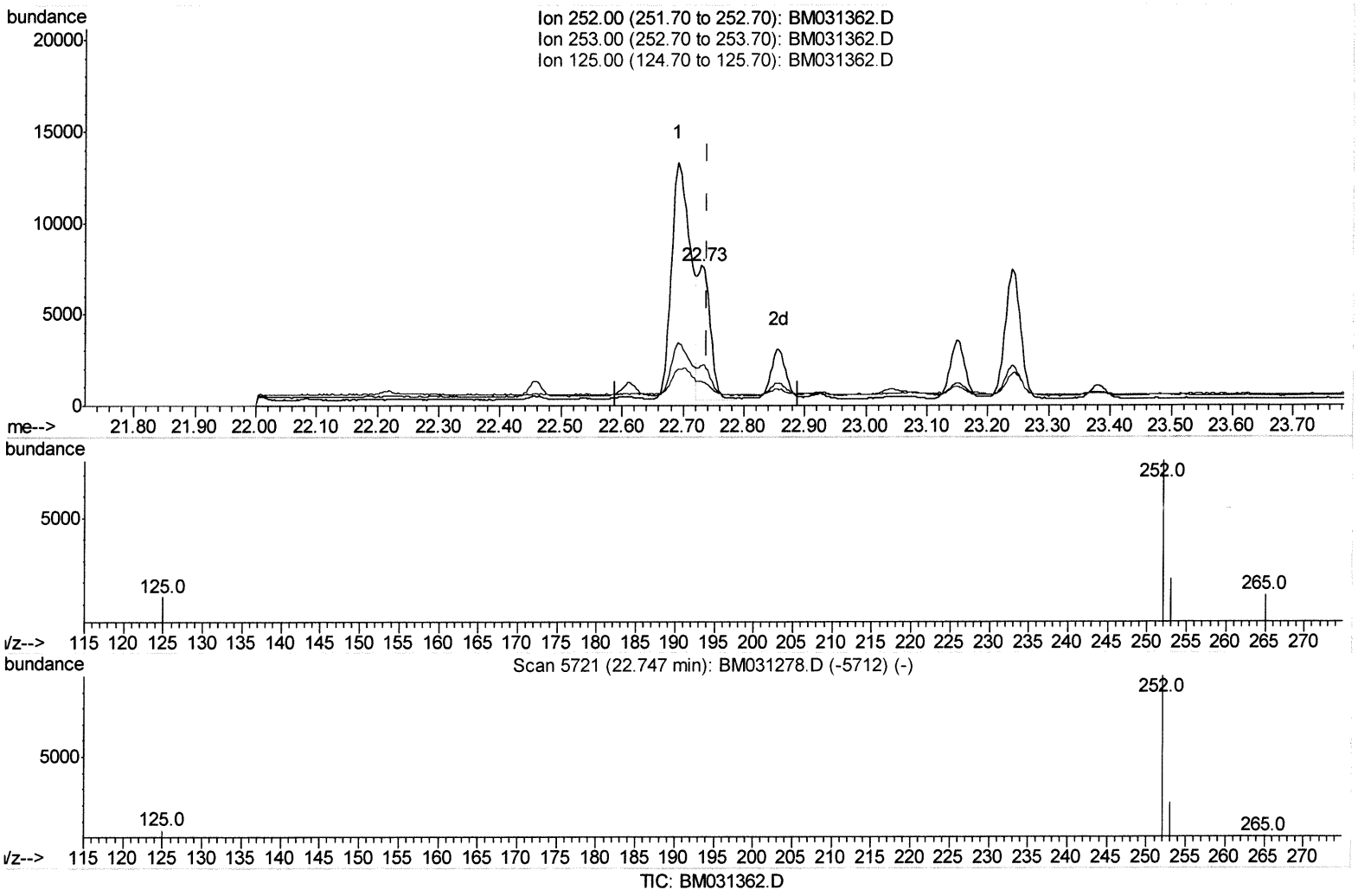
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.90
125.00	11.00	15.09#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031362.D
Acq On : 01 Aug 2021 23:29
Operator : CG/JU
Sample : M3107-03DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Aug 02 09:04:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 08:49:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD13DL

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:51 PM



(25) Benzo(k)fluoranthene

22.730min (-0.009) 0.35ng/ul m JU 8/3/21

response 10994

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.15
125.00	11.00	17.37#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031362.D
Acq On : 01 Aug 2021 23:29
Operator : CG/JU
Sample : M3107-03DL 5X
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD13DL

Manual Integrations APPROVED
mohammad
8/2/2021 3:43:51 PM

Quant Time: Aug 02 09:07:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 08:49:39 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2189	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	8269	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	4677	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	9042	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	7046	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	6664	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	905	0.37	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	356	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	698	0.03	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.41	128	2017	0.082	ng/ul#	92
7) 2-Methylnaphthalene	12.04	142	535	0.032	ng/ul	97
8) 1-Methylnaphthalene	12.26	142	395	0.024	ng/ul	99
10) Acenaphthylene	13.95	152	1025	0.051	ng/ul#	84
11) Acenaphthene	14.30	153	983	0.059	ng/ul	97
12) Fluorene	15.29	166	1557	0.081	ng/ul#	97
15) Phenanthrene	17.02	178	28039	0.977	ng/ul	98
16) Anthracene	17.11	178	7161	0.266	ng/ul	99
19) Fluoranthene	19.04	202	42228	1.404	ng/ul#	95
20) Pyrene	19.41	202	30195	0.989	ng/ul#	94
21) Benzo(a)anthracene	21.16	228	24400	0.858	ng/ul	98
22) Chrysene	21.21	228	20980	0.713	ng/ul	97
24) Benzo(b)fluoranthene	22.69	252	28637m	0.954	ng/ul	
25) Benzo(k)fluoranthene	22.73	252	10994m	0.354	ng/ul	
26) Benzo(a)pyrene	23.24	252	12462	0.474	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.48	276	10372	0.305	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.49	278	3464	0.126	ng/ul#	66
29) Benzo(g,h,i)perylene	26.13	276	640	0.022	ng/ul#	5

JR 8/3/21

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