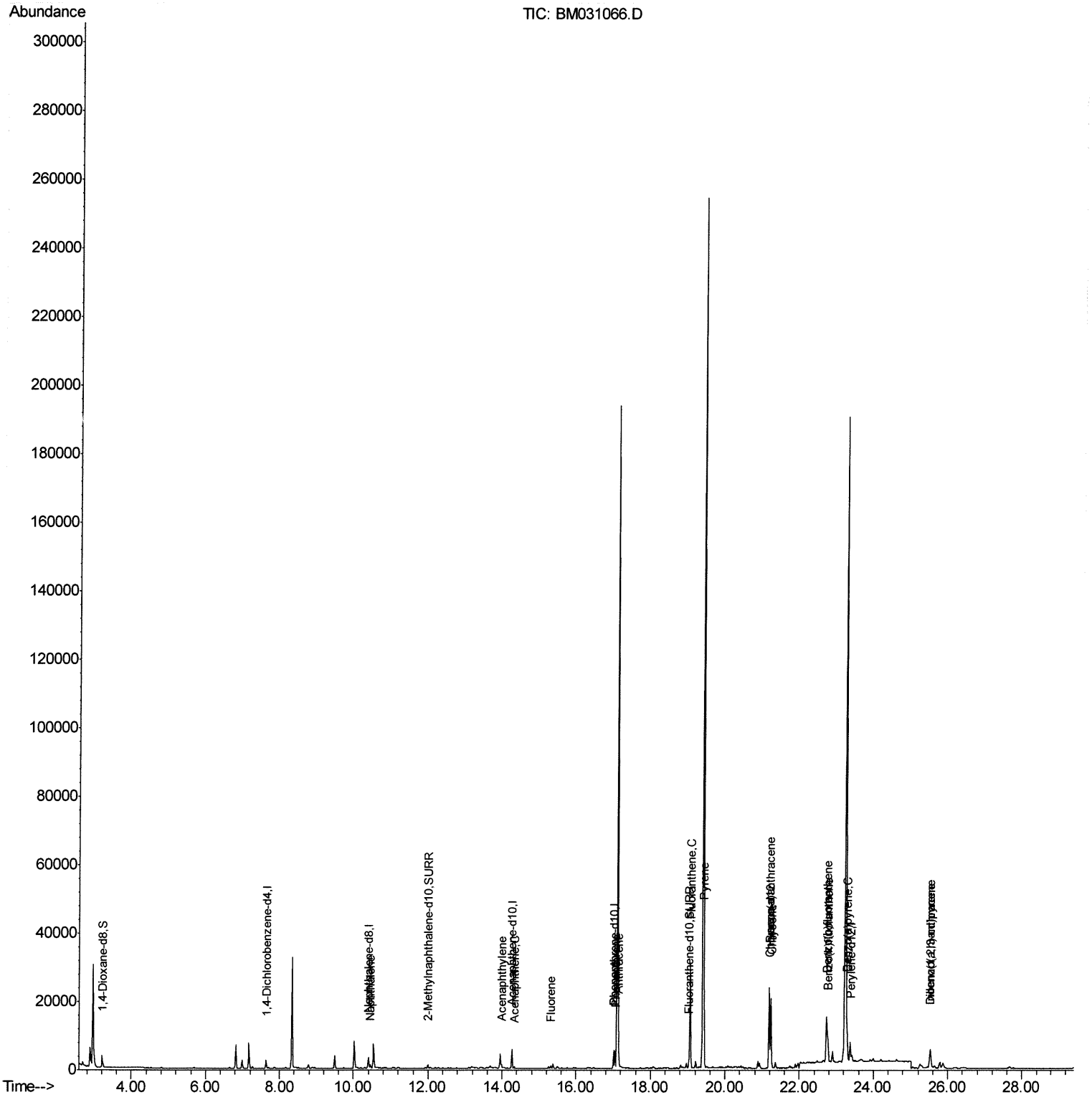
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031066.D
Acq On : 22 Jul 2021 14:42
Operator : CG/JU
Sample : M2971-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 22 15:23:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEA6

Manual Integrations APPROVED
mohammad
7/23/2021 11:52:04 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031066.D
Acq On : 22 Jul 2021 14:42
Operator : CG/JU
Sample : M2971-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 22 15:18:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEA6

Manual Integrations APPROVED
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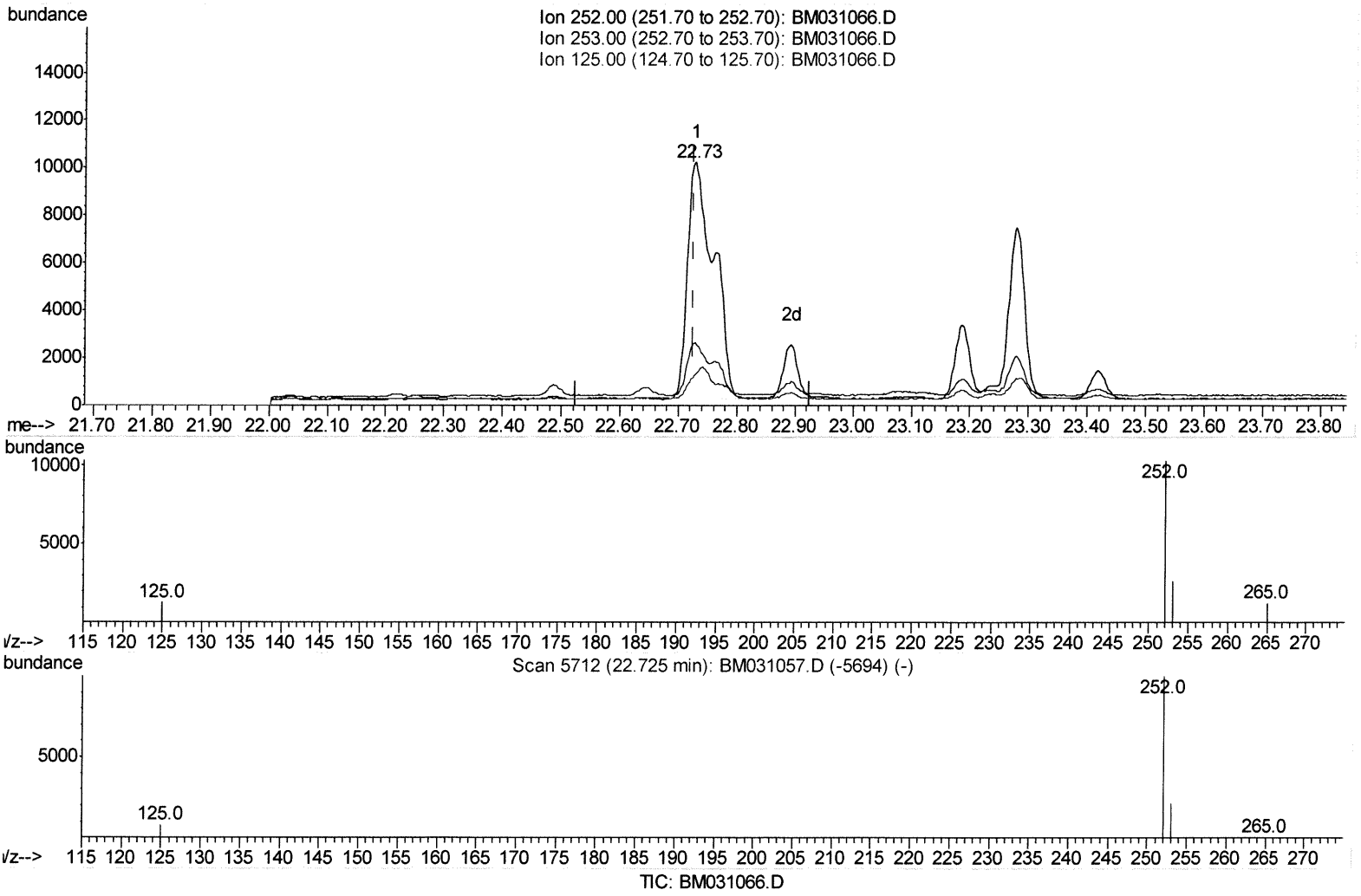

(24) Benzo(b)fluoranthene

22.729min (+0.004) 0.96ng/ul

response 31100

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	25.85
125.00	10.10	12.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031066.D
Acq On : 22 Jul 2021 14:42
Operator : CG/JU
Sample : M2971-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 22 15:18:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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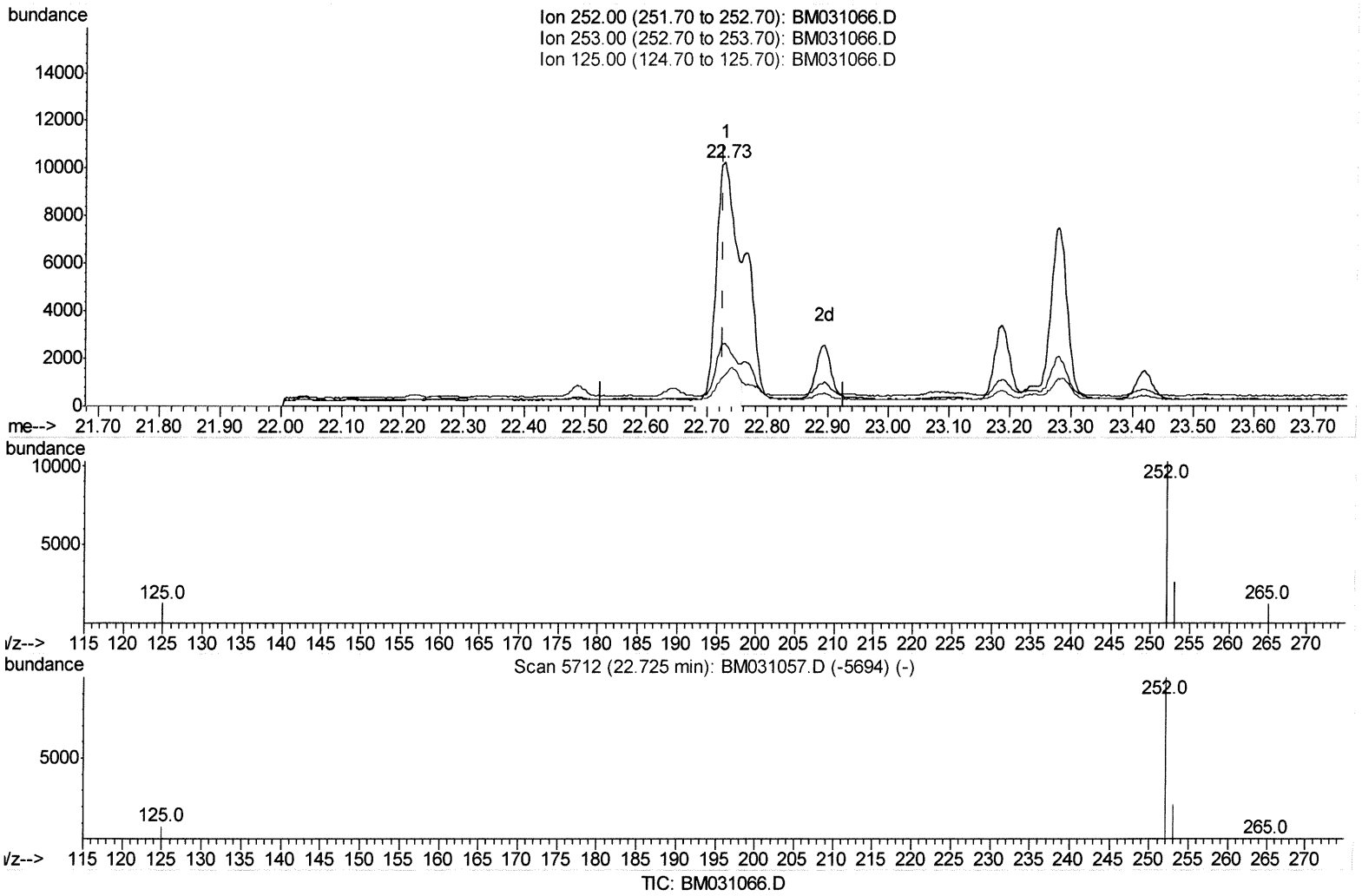
Instrument :
BNA_M
ClientSampleId :
BGEA6

Manual Integrations APPROVED
mohammad
7/23/2021 11:52:04 AM



TIC: BM031066.D

(24) Benzo(b)fluoranthene

22.729min (+0.004) 0.73ng/ul m 07/26/21 JU

response 23697

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	25.85
125.00	10.10	12.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031066.D
Acq On : 22 Jul 2021 14:42
Operator : CG/JU
Sample : M2971-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 22 15:18:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEA6

Manual Integrations APPROVED
mohammad
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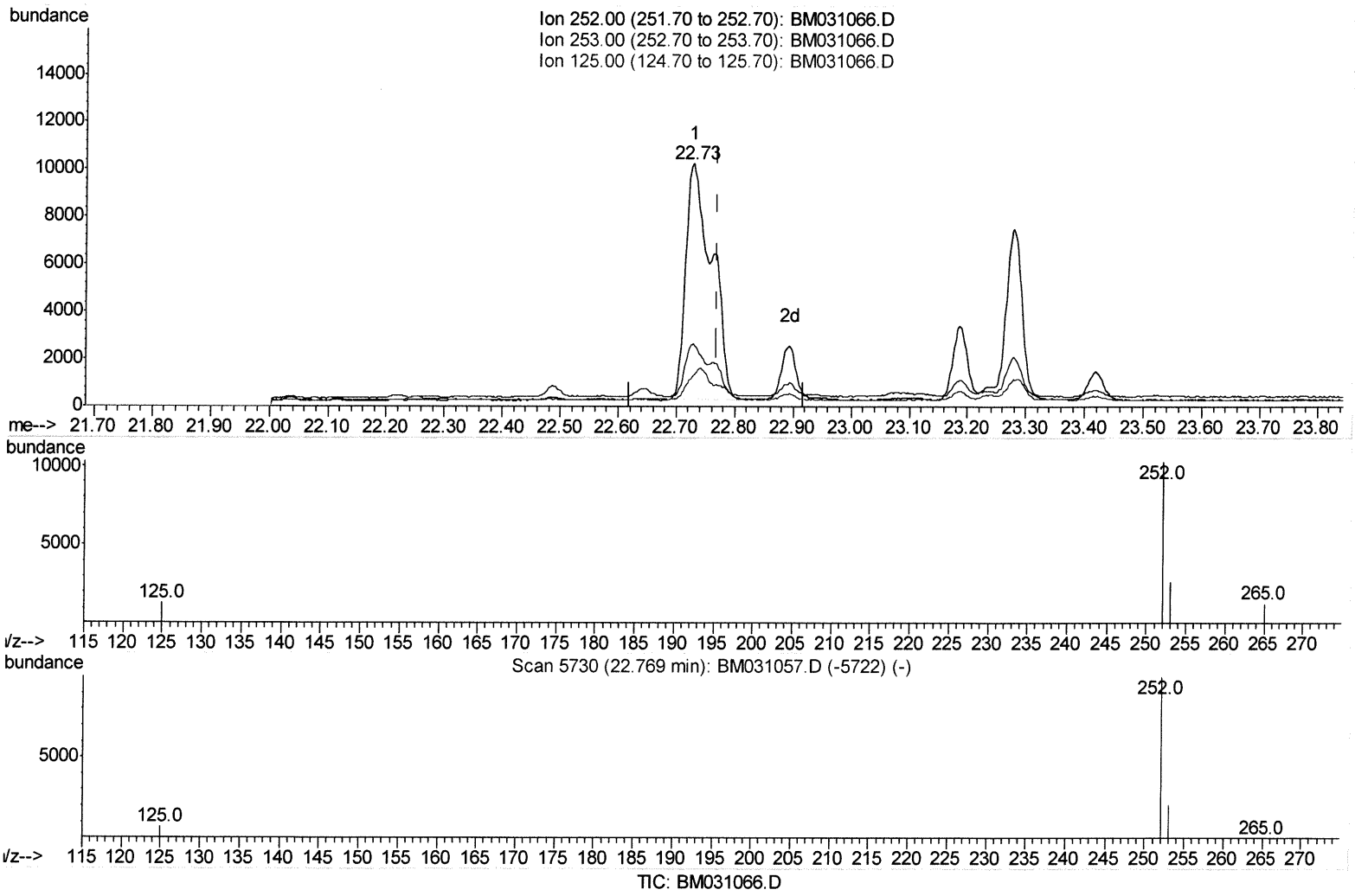


(25) Benzo(k)fluoranthene

22.729min (-0.040) 0.94ng/ul

response 31100

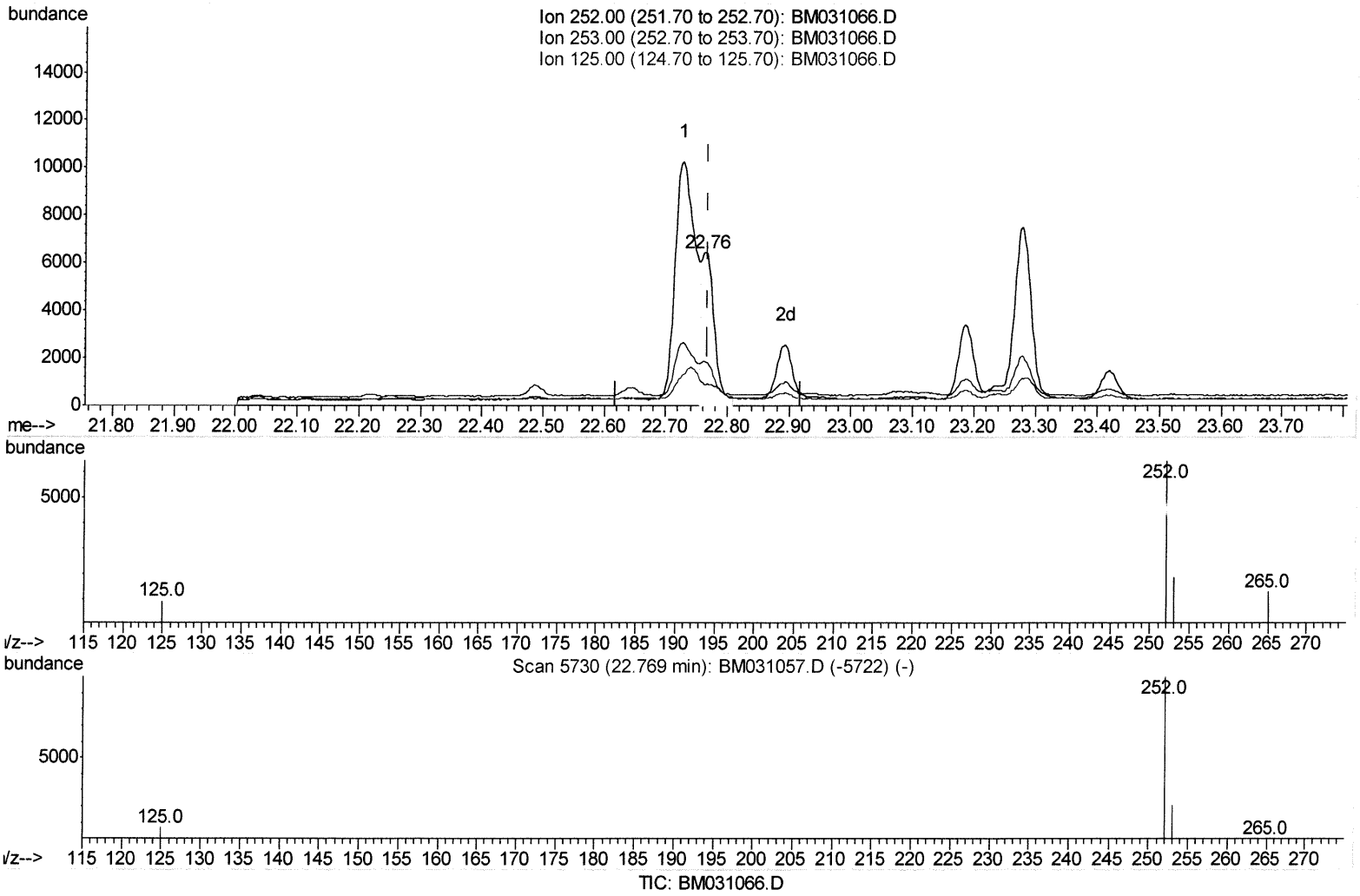
Ion	Exp%	Act%
252.00	100	100
253.00	27.00	25.85
125.00	10.80	12.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031066.D
Acq On : 22 Jul 2021 14:42
Operator : CG/JU
Sample : M2971-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 22 15:18:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGEA6

Manual Integrations APPROVED
mohammad
7/23/2021 11:52:04 AM



(25) Benzo(k)fluoranthene

22.763min (-0.006) 0.28ng/ul m 07/26/21 JU

response 9330

Ion	Exp%	Act%
252.00	100	100
253.00	27.00	29.03
125.00	10.80	14.17#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072221\
Data File : BM031066.D
Acq On : 22 Jul 2021 14:42
Operator : CG/JU
Sample : M2971-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

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Instrument : BNA_M
ClientSampleId : BGEA6

Manual Integrations APPROVED
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7/23/2021 11:52:04 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1045	0.40	ng/ul	0.00
4) Naphthalene-d8	10.40	136	4242	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.27	164	2973	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.01	188	6479	0.40	ng/ul	0.00
17) Chrysene-d12	21.20	240	6646	0.40	ng/ul	0.00
23) Perylene-d12	23.38	264	6926	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	2569	2.34	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.00	152	1072	0.14	ng/ul	0.00
18) Fluoranthene-d10	19.04	212	3210	0.16	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.45	128	1101	0.087	ng/ul#	90
10) Acenaphthylene	13.98	152	859	0.071	ng/ul#	90
11) Acenaphthene	14.33	153	275	0.026	ng/ul	93
12) Fluorene	15.32	166	466	0.037	ng/ul#	96
15) Phenanthrene	17.05	178	5275	0.256	ng/ul	98
16) Anthracene	17.14	178	4682	0.243	ng/ul	99
19) Fluoranthene	19.07	202	26942	1.007	ng/ul	99
20) Pyrene	19.43	202	23003	0.842	ng/ul	98
21) Benzo(a)anthracene	21.18	228	18548	0.699	ng/ul	95
22) Chrysene	21.23	228	18615	0.648	ng/ul	97
24) Benzo(b)fluoranthene	22.73	252	23697m	0.728	ng/ul	97
25) Benzo(k)fluoranthene	22.76	252	9330m	0.282	ng/ul	97
26) Benzo(a)pyrene	23.28	252	13365	0.475	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.53	276	8544	0.232	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.53	278	2755	0.093	ng/ul#	73

07/26/2021

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