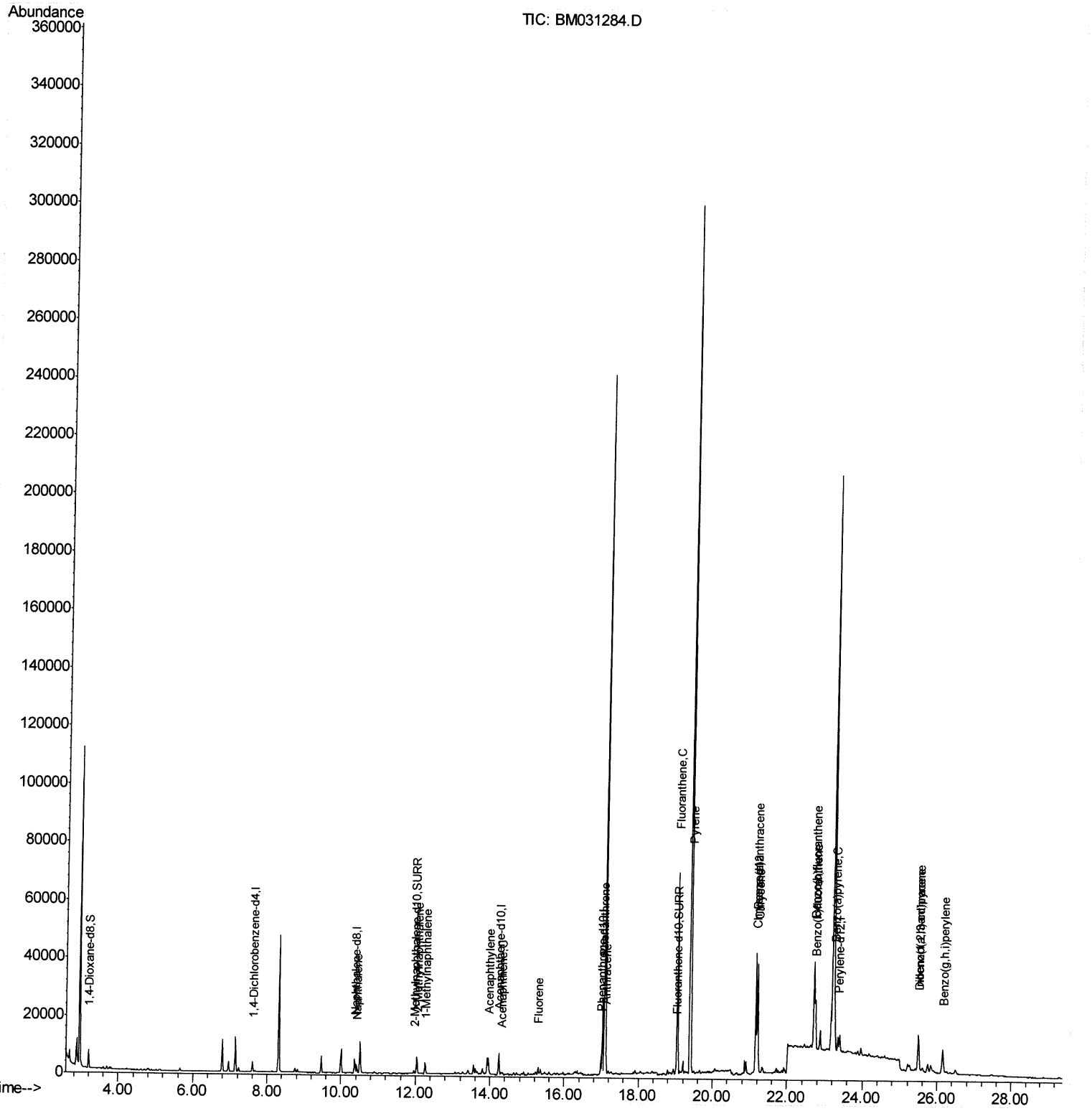
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031284.D
Acq On : 30 Jul 2021 20:43
Operator : CG/JU
Sample : M3084-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 30 23:45:18 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 : Fri Jul 30 23:38:17 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0039

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:17 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031284.D
Acq On : 30 Jul 2021 20:43
Operator : CG/JU
Sample : M3084-20
Misc :
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Quant Time: Jul 30 23:38:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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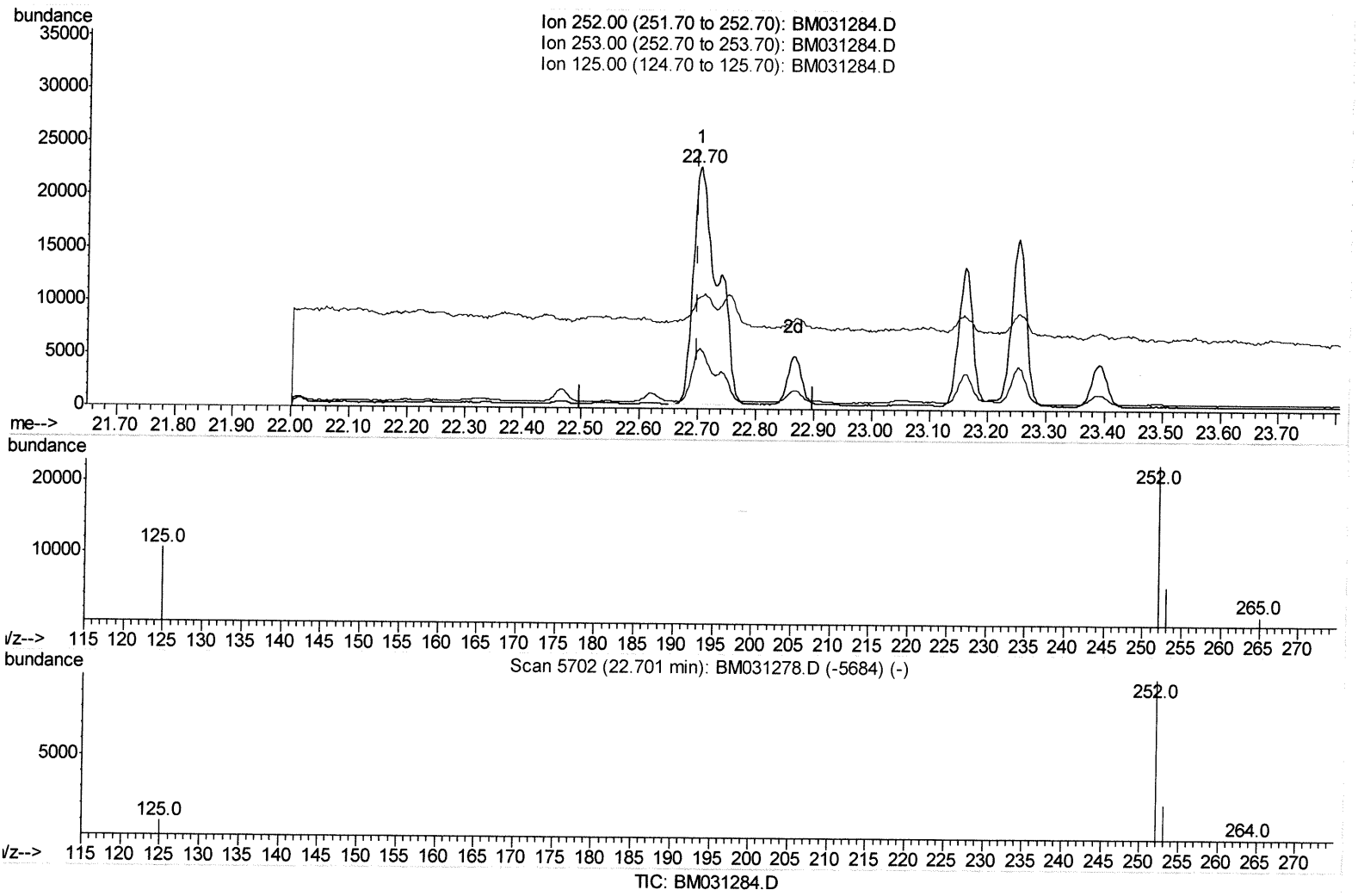
mohammad
8/2/2021 3:40:17 PM



TIC: BM031284.D

(24) Benzo(b)fluoranthene

22.703min (+0.005) 2.43ng/ul

response 65067

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.84
125.00	11.40	46.27#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031284.D
Acq On : 30 Jul 2021 20:43
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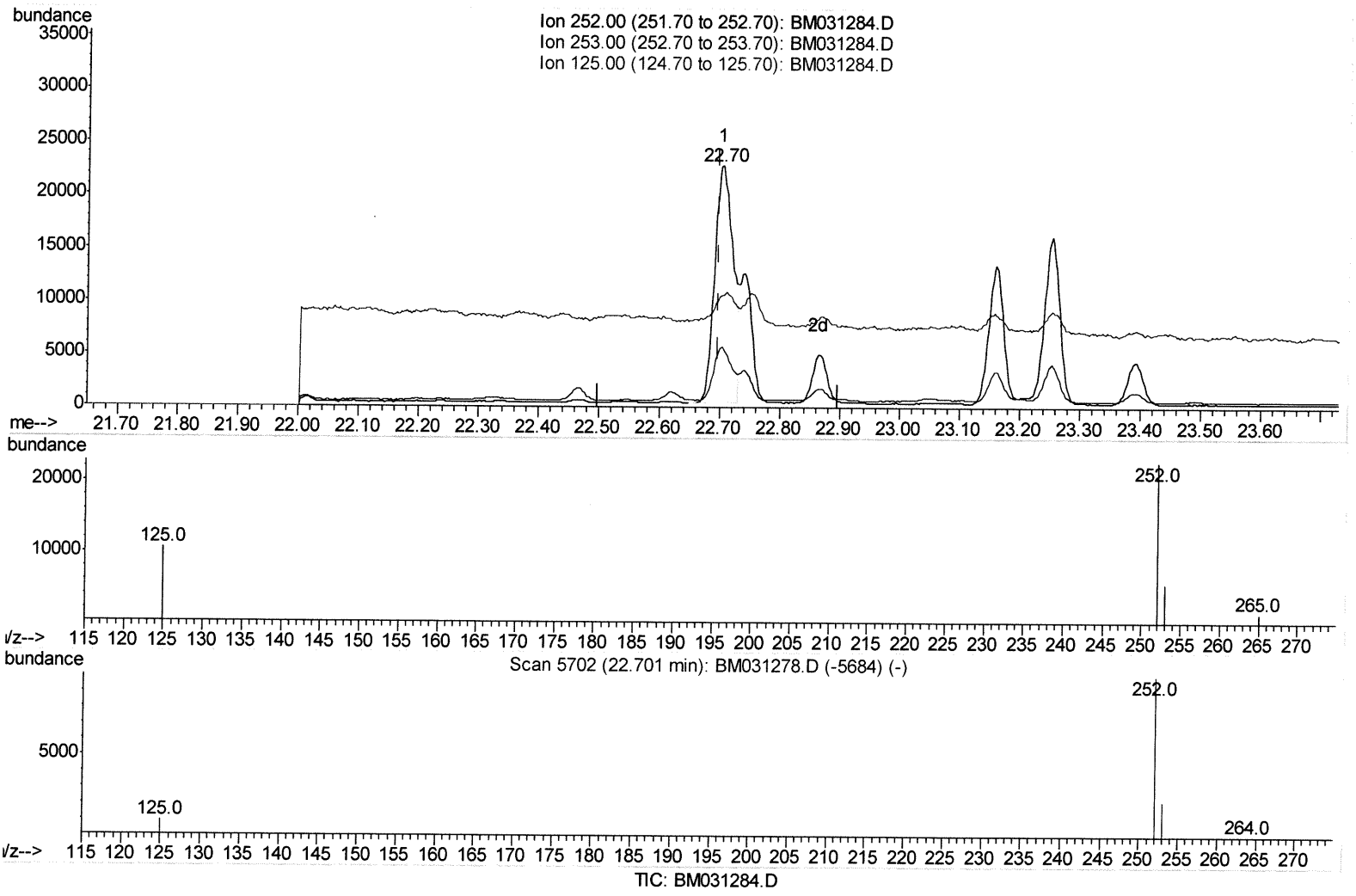
BNA_M
ClientSampleId :
C0039

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:17 PM



TIC: BM031284.D

(24) Benzo(b)fluoranthene

22.703min (+0.005) 1.78ng/ul m

response 47776

JG 8/3/21

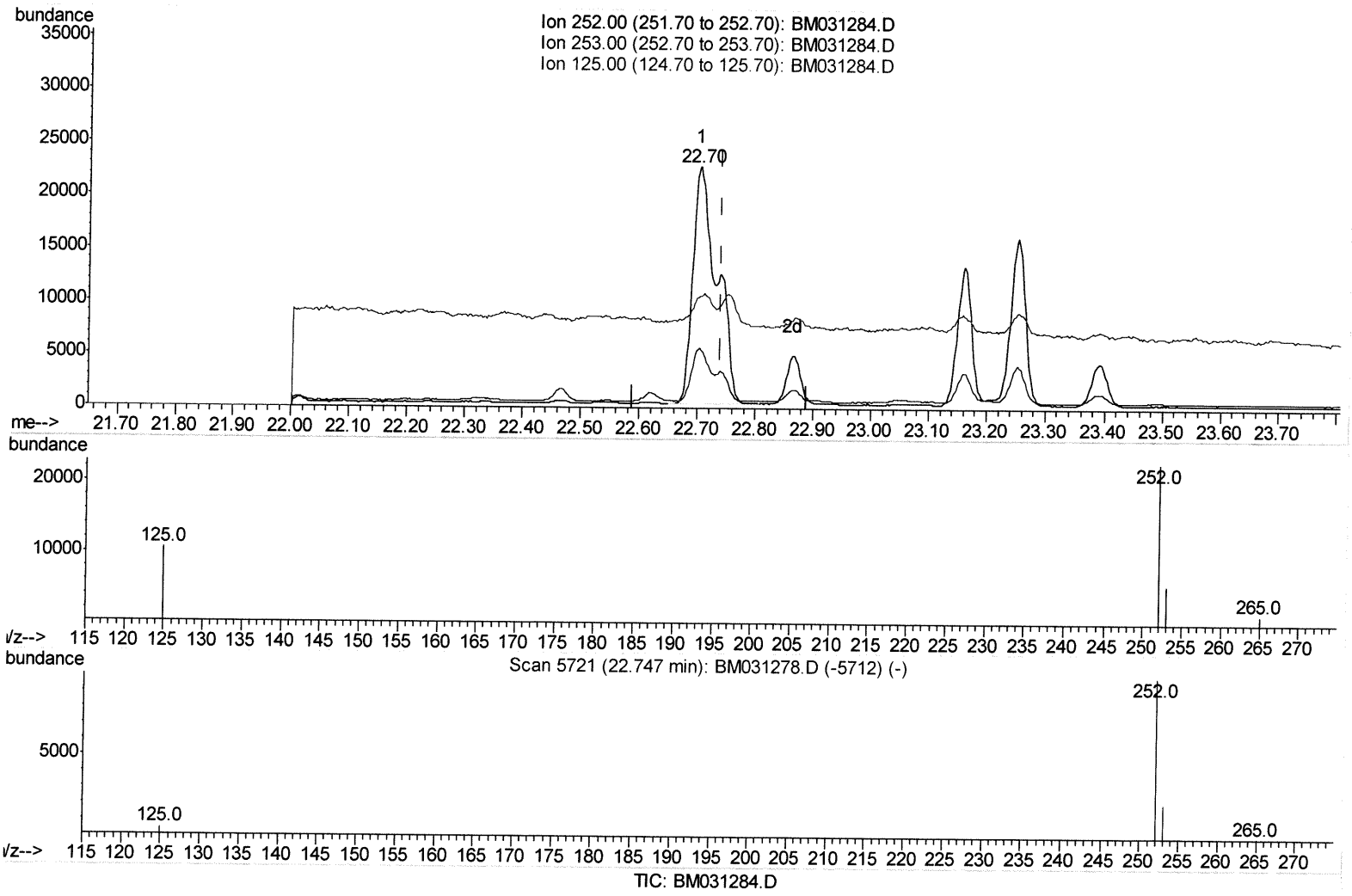
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.84
125.00	11.40	46.27#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031284.D
Acq On : 30 Jul 2021 20:43
Operator : CG/JU
Sample : M3084-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 30 23:44:17 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 : Fri Jul 30 23:38:17 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0039

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:17 PM



(25) Benzo(k)fluoranthene

22.703min (-0.036) 2.35ng/ul

response 65067

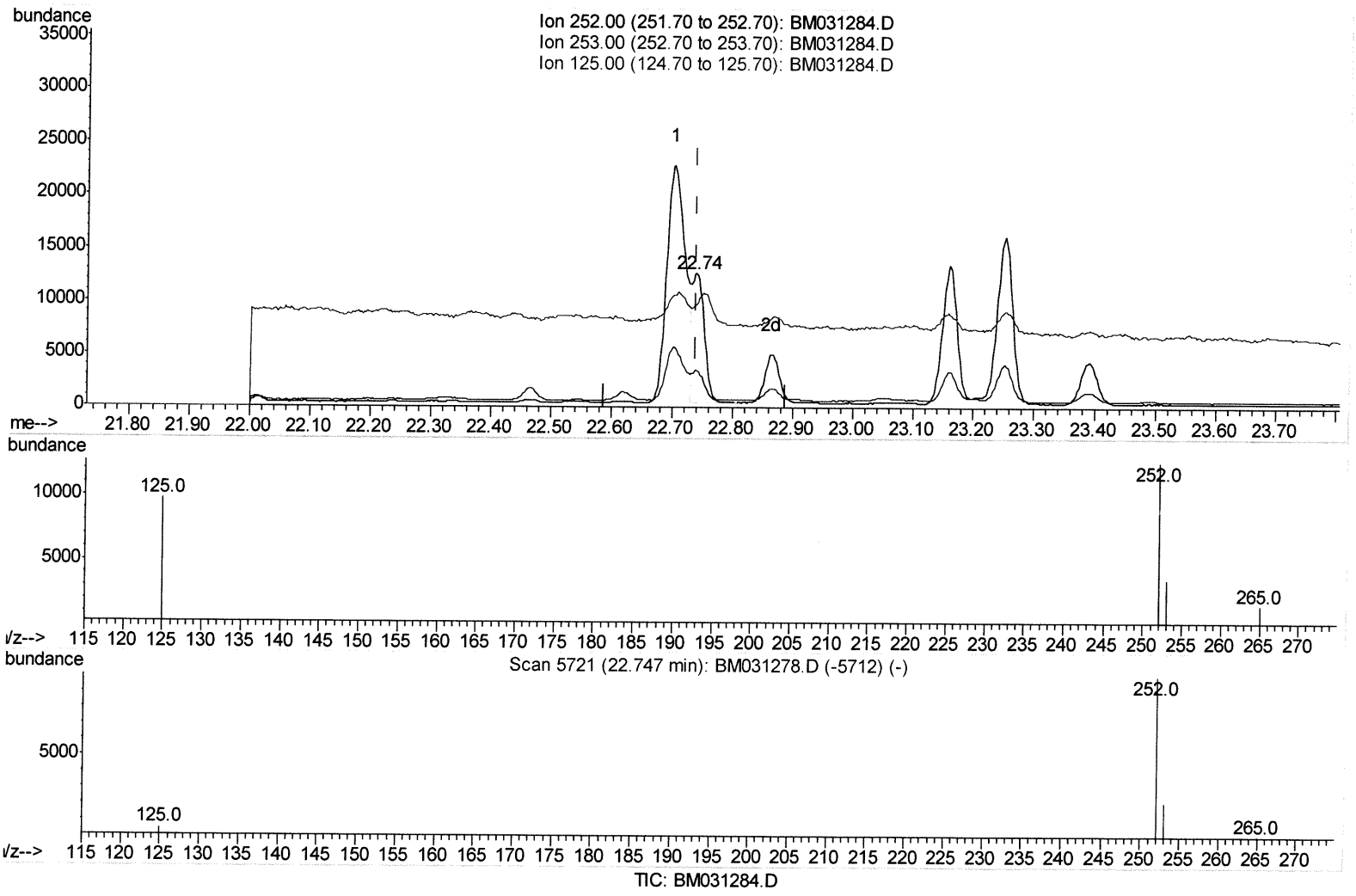
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.84
125.00	11.00	46.27#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031284.D
Acq On : 30 Jul 2021 20:43
Operator : CG/JU
Sample : M3084-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Jul 30 23:44:17 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 : Fri Jul 30 23:38:17 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0039

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:17 PM



TIC: BM031284.D

(25) Benzo(k)fluoranthene

22.740min (+0.000) 0.63ng/ul m

response 17367

JU 8/3/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.80
125.00	11.00	76.94#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031284.D
Acq On : 30 Jul 2021 20:43
Operator : CG/JU
Sample : M3084-20
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0039

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:17 PM

Quant Time: Jul 30 23:45:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1702	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	6462	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	3941	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	7794	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	6037	0.40	ng/ul	0.00
23) Perylene-d12	23.35	264	5954	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	3837	2.03	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	1489	0.14	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	3631	0.18	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.42	128	4042	0.210	ng/ul	98
7) 2-Methylnaphthalene	12.04	142	4205	0.320	ng/ul	98
8) 1-Methylnaphthalene	12.26	142	2597	0.200	ng/ul	98
10) Acenaphthylene	13.96	152	6417	0.382	ng/ul	100
11) Acenaphthene	14.30	153	715	0.051	ng/ul#	91
12) Fluorene	15.29	166	1449	0.089	ng/ul#	85
15) Phenanthrene	17.03	178	26279	1.062	ng/ul	98
16) Anthracene	17.12	178	7283	0.314	ng/ul	97
19) Fluoranthene	19.05	202	60787	2.358	ng/ul	97
20) Pyrene	19.41	202	52622	2.013	ng/ul	96
21) Benzo(a)anthracene	21.16	228	33949	1.393	ng/ul	95
22) Chrysene	21.21	228	36822	1.460	ng/ul	97
24) Benzo(b)fluoranthene	22.70	252	47776m	1.781	ng/ul	
25) Benzo(k)fluoranthene	22.74	252	17367m	0.627	ng/ul	JU 8/3/21
26) Benzo(a)pyrene	23.25	252	27736	1.181	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	25.49	276	18863	0.621	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.50	278	5550	0.227	ng/ul#	9
29) Benzo(g,h,i)perylene	26.15	276	15877	0.613	ng/ul#	87

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