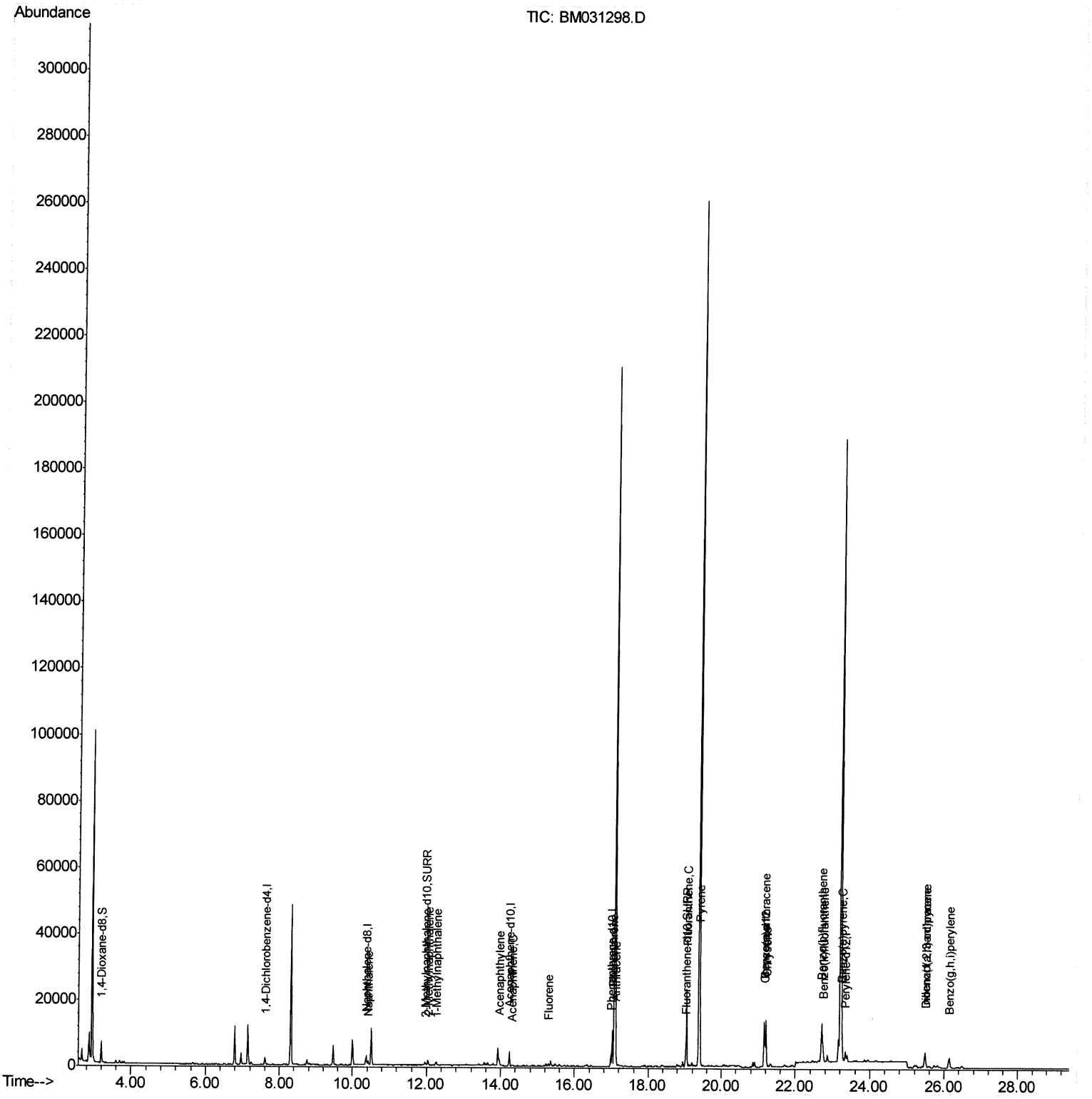
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031298.D
Acq On : 31 Jul 2021 05:55
Operator : CG/JU
Sample : M3091-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Jul 31 06:35:59 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 : Sat Jul 31 06:03:25 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0053

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:57 PM

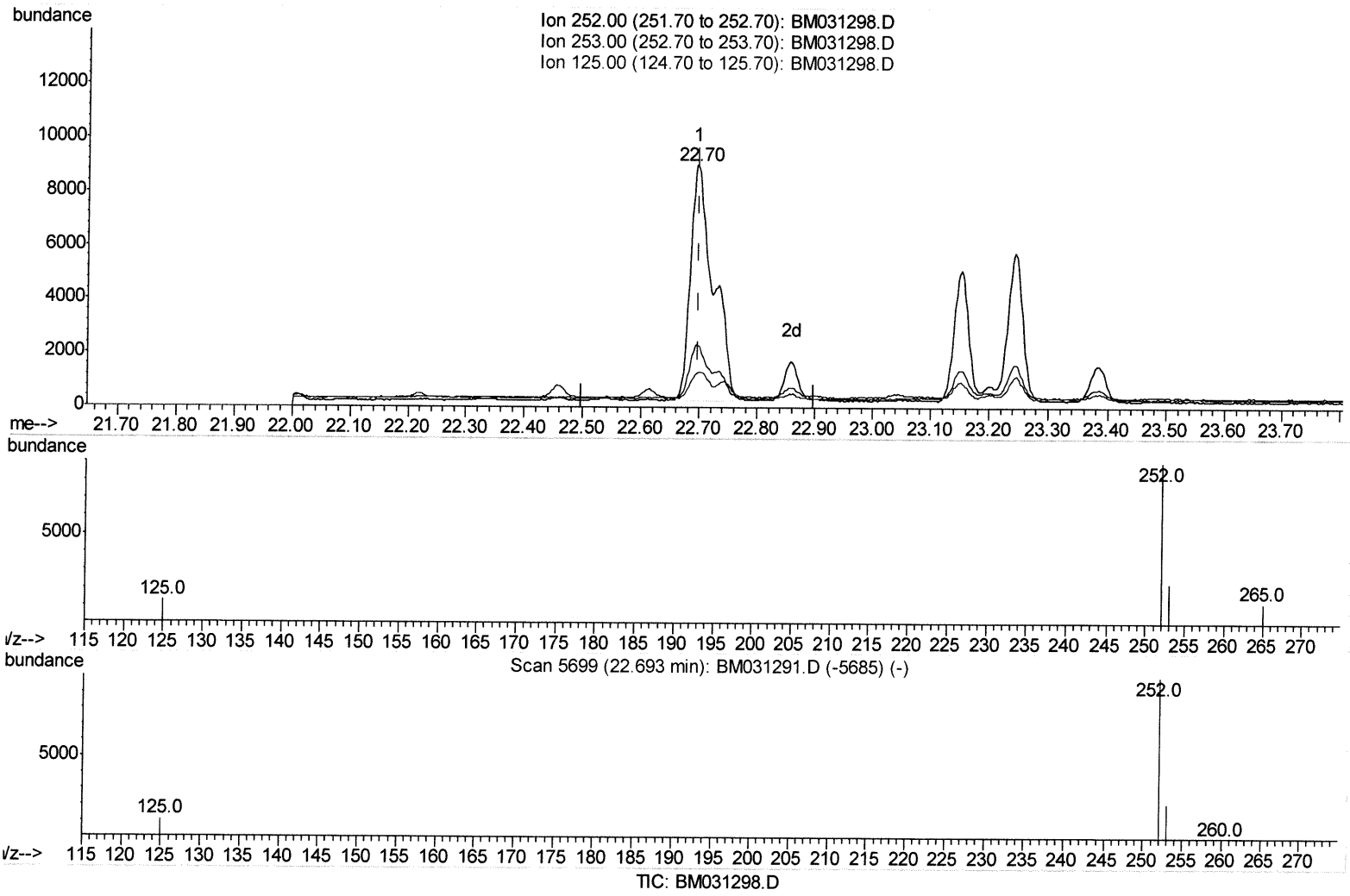


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031298.D
Acq On : 31 Jul 2021 05:55
Operator : CG/JU
Sample : M3091-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Jul 31 06:32:57 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 : Sat Jul 31 06:03:25 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0053

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:57 PM



TIC: BM031298.D

(24) Benzo(b)fluoranthene

22.696min (-0.002) 1.44ng/ul

response 24271

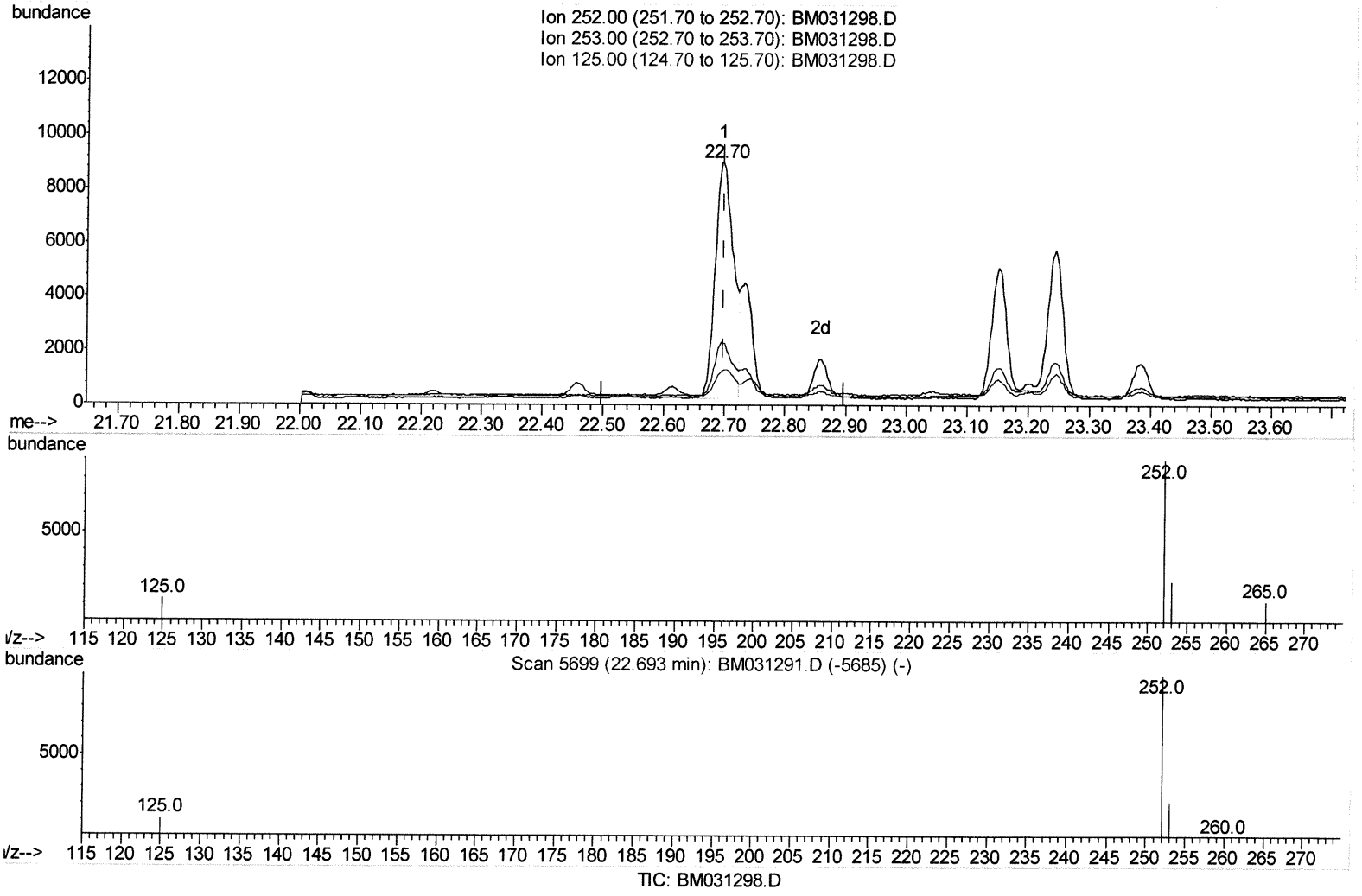
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.42
125.00	11.40	14.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031298.D
Acq On : 31 Jul 2021 05:55
Operator : CG/JU
Sample : M3091-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Jul 31 06:32:57 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 : Sat Jul 31 06:03:25 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0053

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:57 PM



(24) Benzo(b)fluoranthene

22.696min (-0.002) 1.08ng/ul m

response 18262

JU 8/3/21

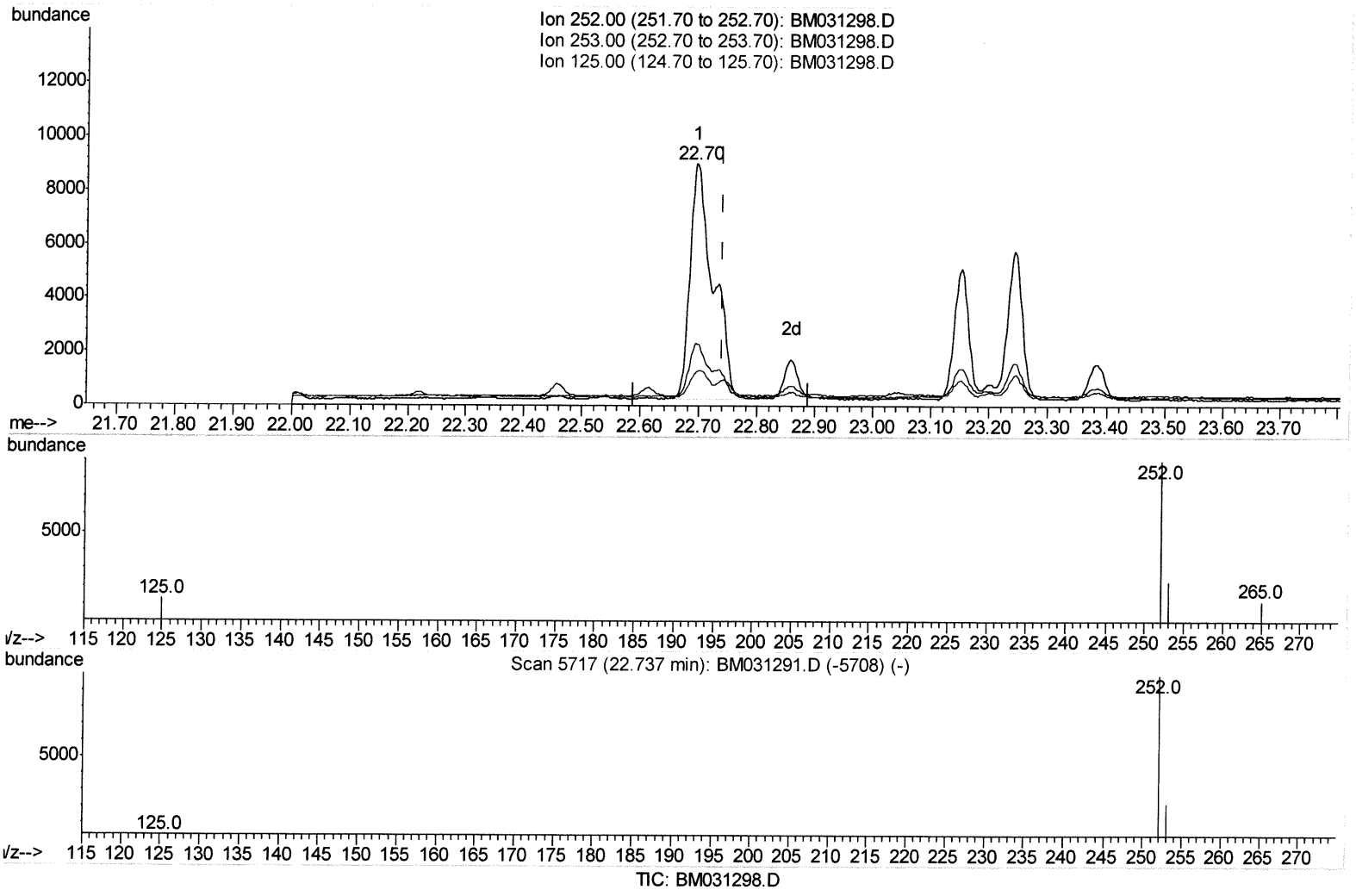
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.42
125.00	11.40	14.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031298.D
Acq On : 31 Jul 2021 05:55
Operator : CG/JU
Sample : M3091-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Jul 31 06:34:57 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 : Sat Jul 31 06:03:25 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0053

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:57 PM



TIC: BM031298.D

(25) Benzo(k)fluoranthene

22.696min (-0.043) 1.39ng/ul

response 24271

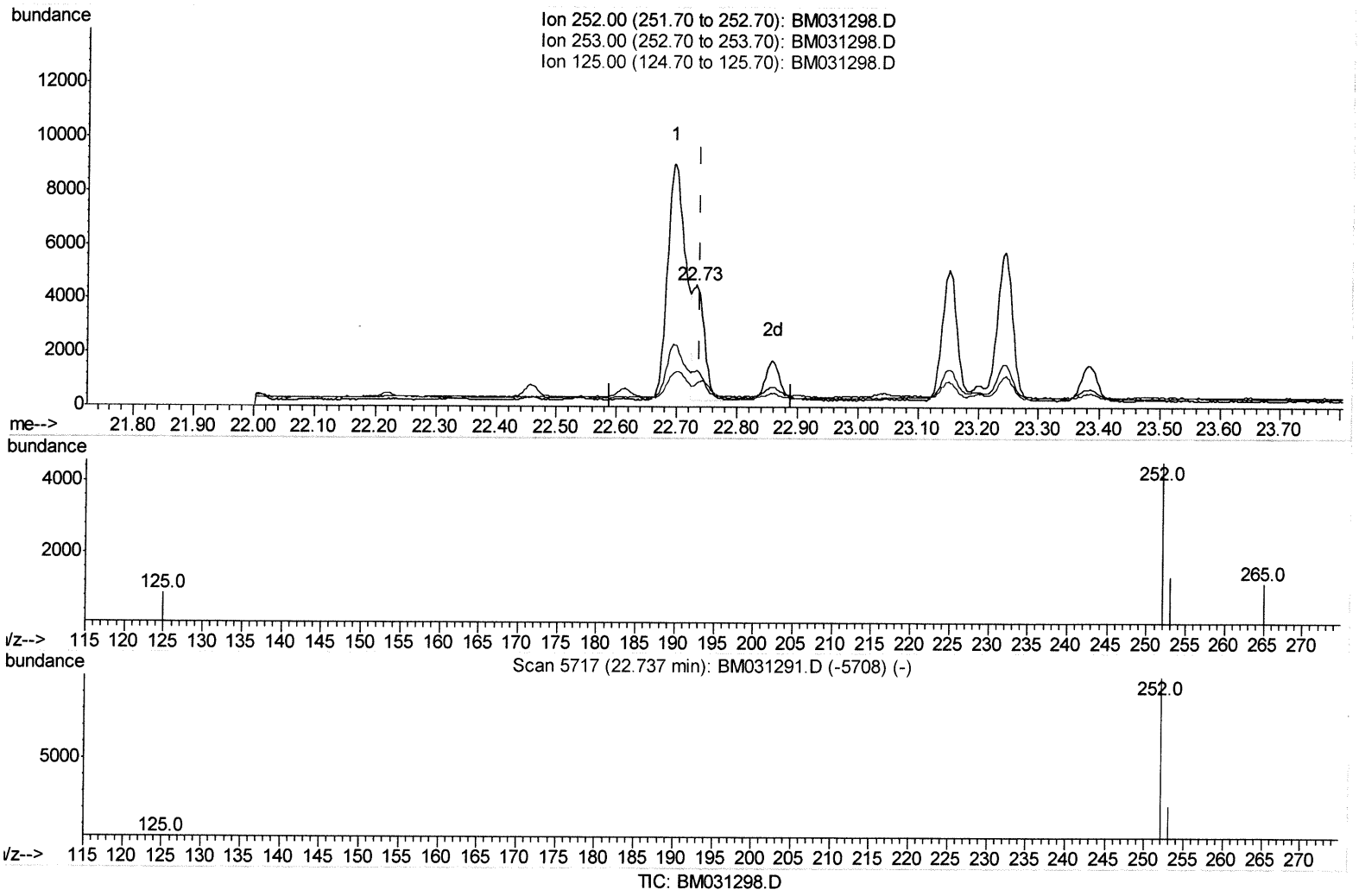
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.42
125.00	11.00	14.32#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031298.D
Acq On : 31 Jul 2021 05:55
Operator : CG/JU
Sample : M3091-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Jul 31 06:34:57 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 : Sat Jul 31 06:03:25 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0053

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:57 PM



TIC: BM031298.D

(25) Benzo(k)fluoranthene

22.733min (-0.007) 0.35ng/ul m

response 6100

JCG 8/3/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	29.66
125.00	11.00	18.93#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031298.D
Acq On : 31 Jul 2021 05:55
Operator : CG/JU
Sample : M3091-15
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0053

Manual Integrations APPROVED
mohammad
8/2/2021 3:40:57 PM

Quant Time: Jul 31 06:35:59 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 : Sat Jul 31 06:03:25 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	1031	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	3833	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.24	164	2304	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.99	188	4420	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	3650	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	3743	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	3923	3.43	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.97	152	1392	0.22	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	2902	0.24	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.42	128	1688	0.148	ng/ul#	93
7) 2-Methylnaphthalene	12.04	142	1116	0.143	ng/ul	97
8) 1-Methylnaphthalene	12.26	142	741	0.096	ng/ul	100
10) Acenaphthylene	13.96	152	2311	0.236	ng/ul	96
11) Acenaphthene	14.30	153	185	0.022	ng/ul#	88
12) Fluorene	15.29	166	352	0.037	ng/ul#	77
15) Phenanthrene	17.03	178	11319	0.806	ng/ul	99
16) Anthracene	17.12	178	2986	0.227	ng/ul	97
19) Fluoranthene	19.05	202	19935	1.279	ng/ul	97
20) Pyrene	19.41	202	19247	1.218	ng/ul	96
21) Benzo(a)anthracene	21.16	228	10806	0.733	ng/ul	94
22) Chrysene	21.21	228	14451	0.948	ng/ul	97
24) Benzo(b)fluoranthene	22.70	252	18262m	1.083	ng/ul	
25) Benzo(k)fluoranthene	22.73	252	6100m	0.350	ng/ul	
26) Benzo(a)pyrene	23.24	252	9726	0.659	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.48	276	7170	0.376	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.49	278	1834	0.119	ng/ul#	65
29) Benzo(g,h,i)perylene	26.13	276	5916	0.363	ng/ul#	94

JU 8/3/21

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