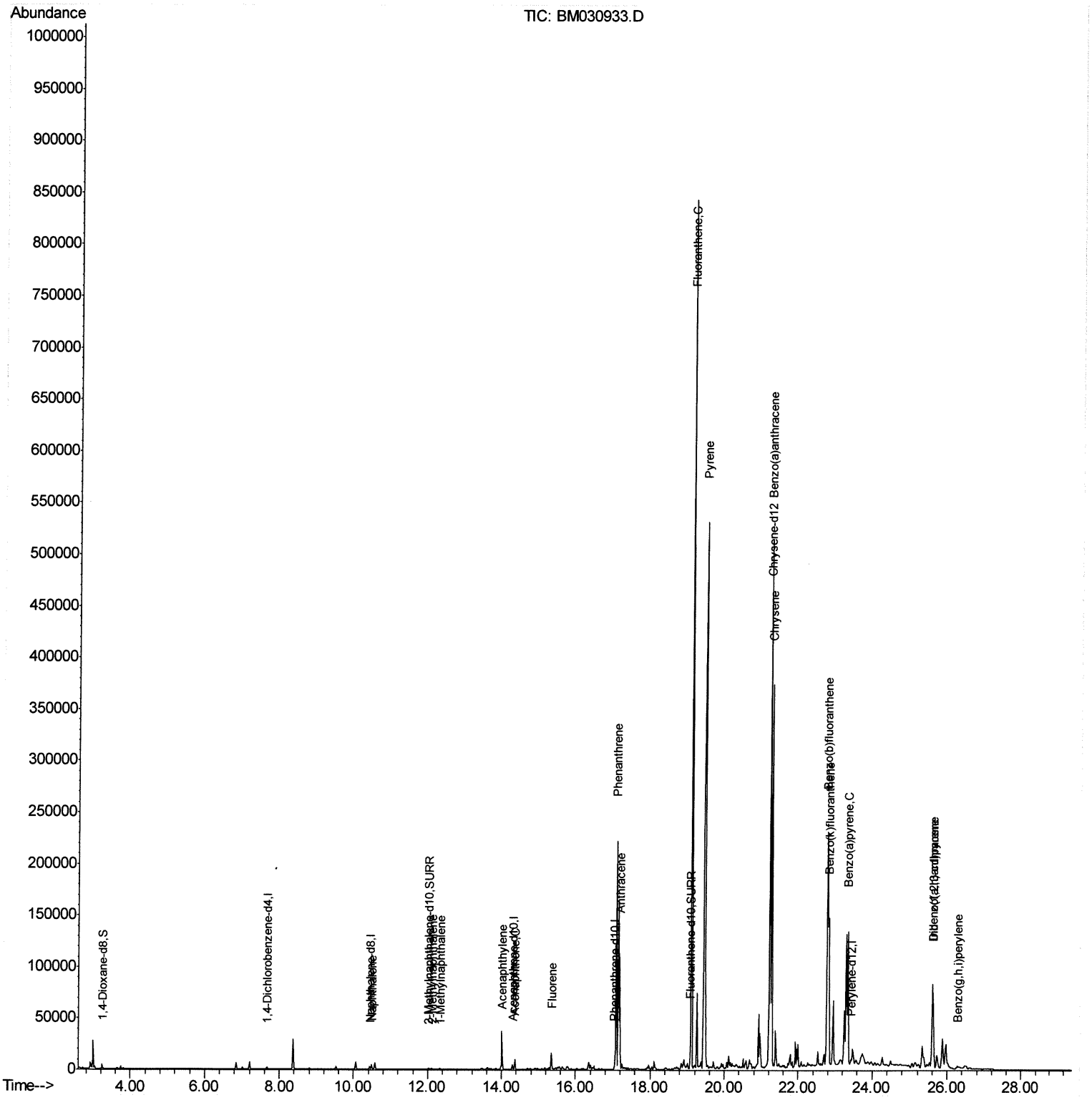
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071321\
Data File : BM030933.D
Acq On : 13 Jul 2021 16:36
Operator : CG/JU
Sample : M2878-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 13 17:07:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:01:01 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE03

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:29 PM

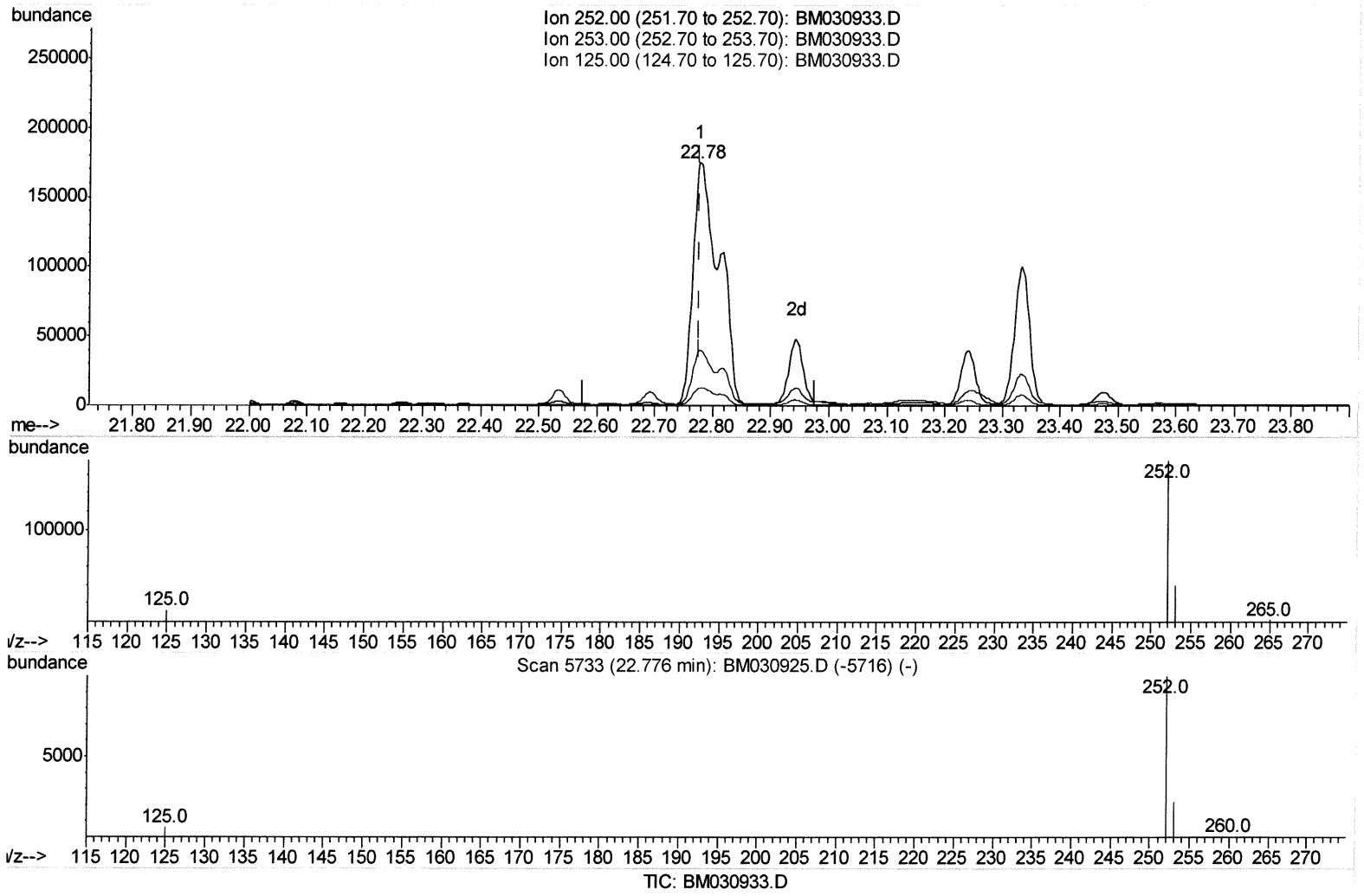


Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071321\
Data File : BM030933.D
Acq On : 13 Jul 2021 16:36
Operator : CG/JU
Sample : M2878-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 13 17:06:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:01:01 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE03

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:29 PM



TIC: BM030933.D

(24) Benzo(b)fluoranthene

22.776min (+0.000) 20.35ng/ul

response 546358

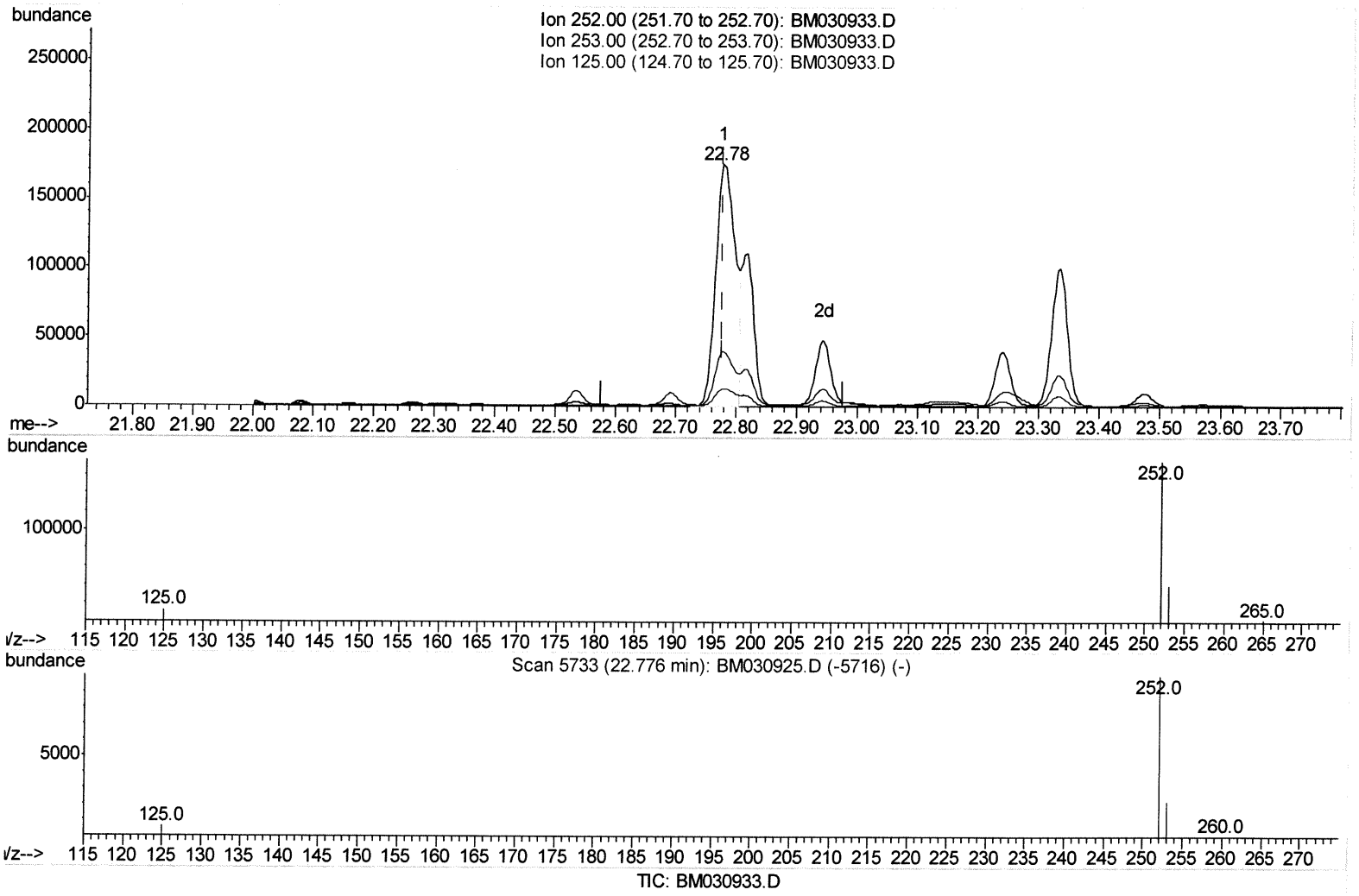
Ion	Exp%	Act%
252.00	100	100
253.00	31.00	22.79
125.00	11.60	7.24
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071321\
Data File : BM030933.D
Acq On : 13 Jul 2021 16:36
Operator : CG/JU
Sample : M2878-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 13 17:06:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:01:01 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE03

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:29 PM



(24) Benzo(b)fluoranthene

22.776min (+0.000) 14.60ng/ul m

response 392087

JU 7/15/21

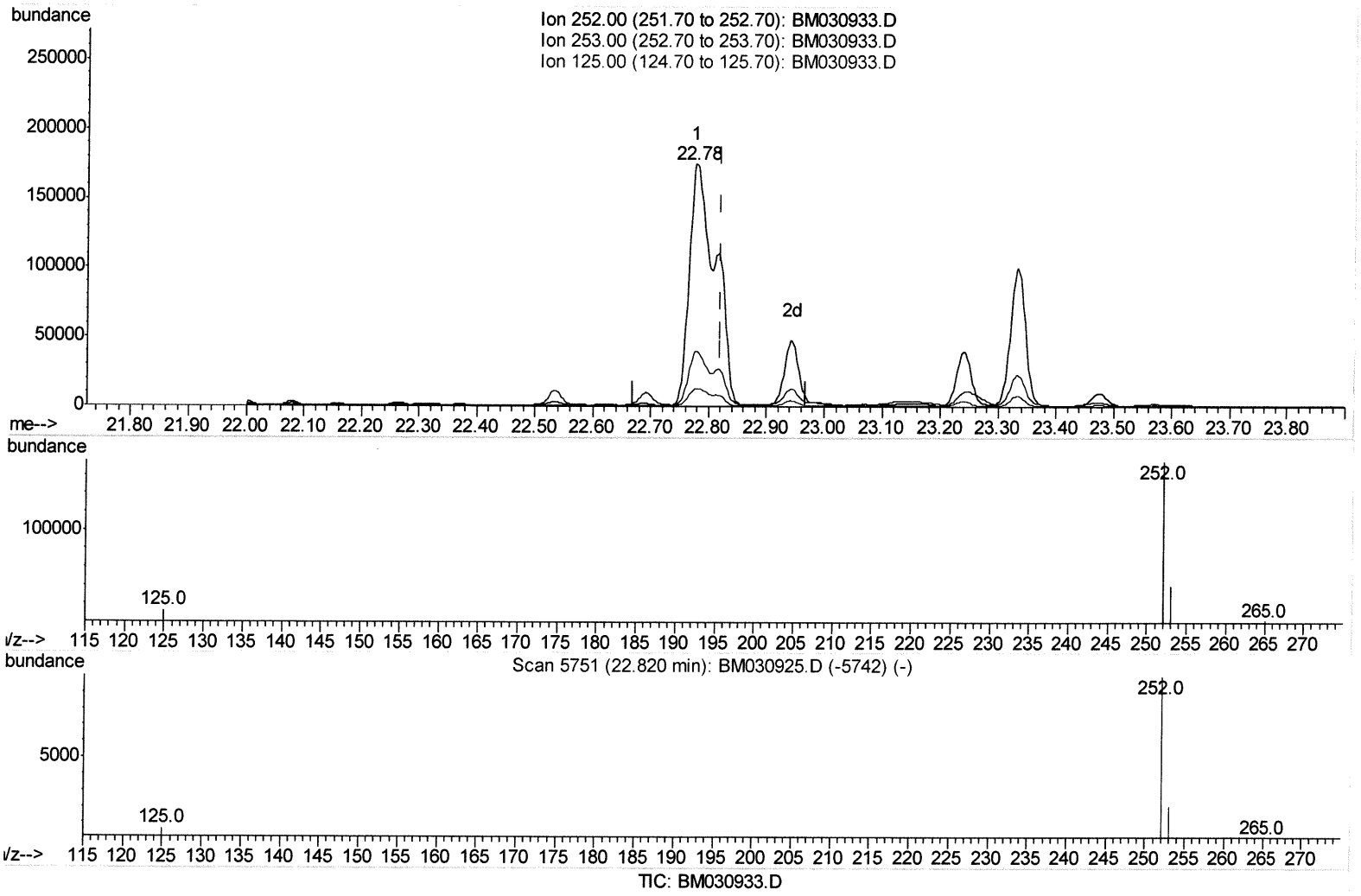
Ion	Exp%	Act%
252.00	100	100
253.00	31.00	22.79
125.00	11.60	7.24
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071321\
Data File : BM030933.D
Acq On : 13 Jul 2021 16:36
Operator : CG/JU
Sample : M2878-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 13 17:06:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:01:01 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE03

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:29 PM



(25) Benzo(k)fluoranthene

22.776min (-0.044) 20.24ng/ul

response 546358

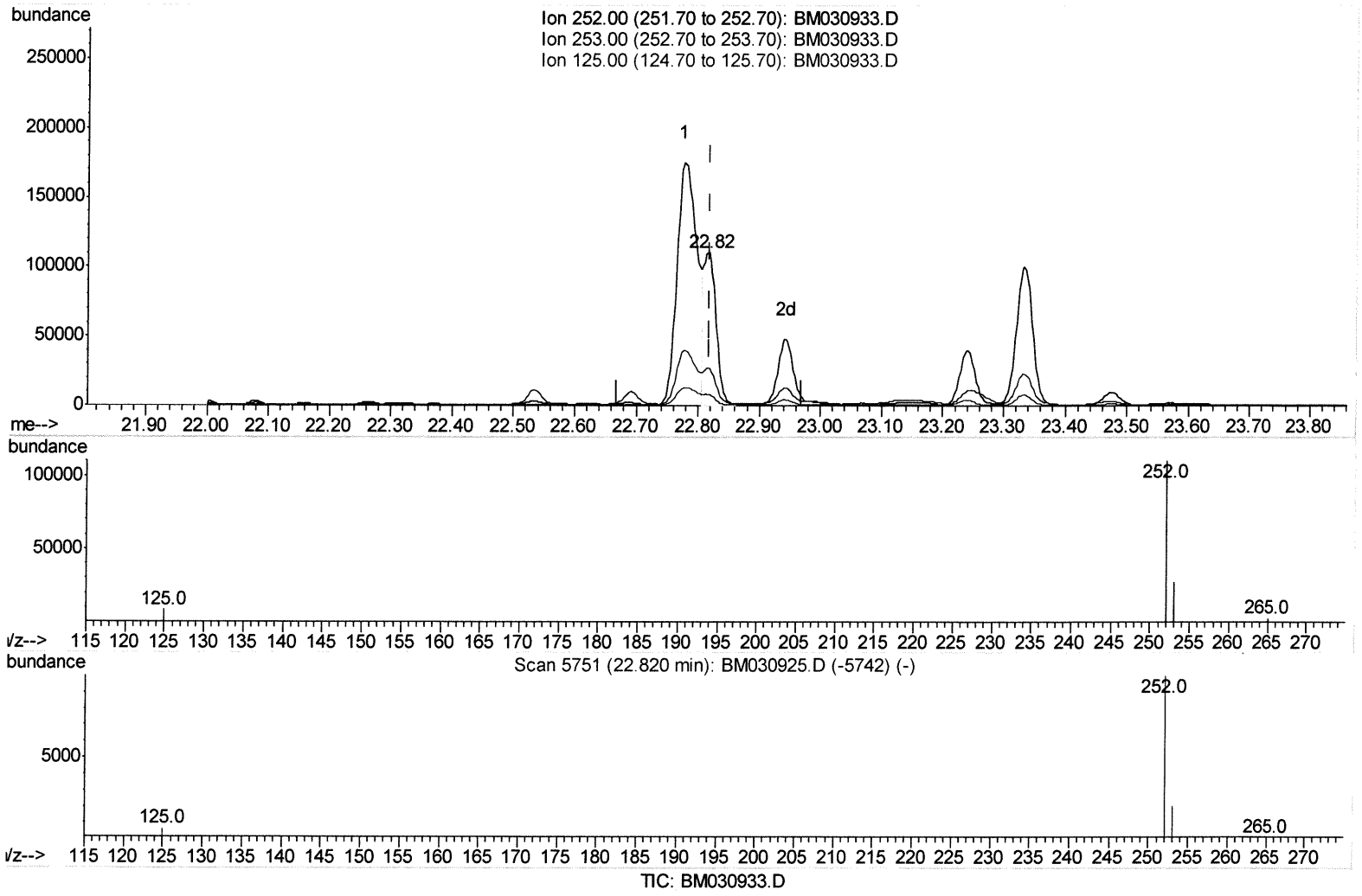
Ion	Exp%	Act%
252.00	100	100
253.00	30.40	22.79#
125.00	12.30	7.24#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071321\
Data File : BM030933.D
Acq On : 13 Jul 2021 16:36
Operator : CG/JU
Sample : M2878-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 13 17:06:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:01:01 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGE03

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:29 PM



TIC: BM030933.D

(25) Benzo(k)fluoranthene

22.817min (-0.002) 5.90ng/ul m

JU 7/15/21

response 159315

Ion	Exp%	Act%
252.00	100	100
253.00	30.40	24.51
125.00	12.30	7.37#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071321\
Data File : BM030933.D
Acq On : 13 Jul 2021 16:36
Operator : CG/JU
Sample : M2878-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGE03

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:29 PM

Quant Time: Jul 13 17:07:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM071321.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	930	0.40	ng/ul	0.00
4) Naphthalene-d8	10.44	136	3275	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.30	164	2340	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.05	188	5175	0.40	ng/ul	0.00
17) Chrysene-d12	21.23	240	5826	0.40	ng/ul	0.00
23) Perylene-d12	23.43	264	5551	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	2484	2.60	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.03	152	1217	0.21	ng/ul	0.00
18) Fluoranthene-d10	19.08	212	3798	0.19	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.49	128	6024	0.616	ng/ul	97
7) 2-Methylnaphthalene	12.11	142	928	0.134	ng/ul	98
8) 1-Methylnaphthalene	12.33	142	546	0.081	ng/ul	98
10) Acenaphthylene	14.02	152	10720	0.935	ng/ul	98
11) Acenaphthene	14.36	153	5926	0.716	ng/ul	98
12) Fluorene	15.35	166	10268	1.043	ng/ul	100
15) Phenanthrene	17.09	178	226761	13.963	ng/ul	96
16) Anthracene	17.18	178	110978	7.128	ng/ul	96
19) Fluoranthene	19.11	202	713172	27.787	ng/ul	98
20) Pyrene	19.47	202	458401	17.661	ng/ul	100
21) Benzo(a)anthracene	21.22	228	422604	16.788	ng/ul	95
22) Chrysene	21.27	228	323824	12.452	ng/ul	98
24) Benzo(b)fluoranthene	22.78	252	392087m	14.604	ng/ul	
25) Benzo(k)fluoranthene	22.82	252	159315m	5.901	ng/ul	
26) Benzo(a)pyrene	23.33	252	181317	7.773	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.61	276	121530	3.842	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.63	278	45223	1.768	ng/ul	95
29) Benzo(g,h,i)perylene	26.28	276	6342	0.236	ng/ul#	82

7/13/21

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