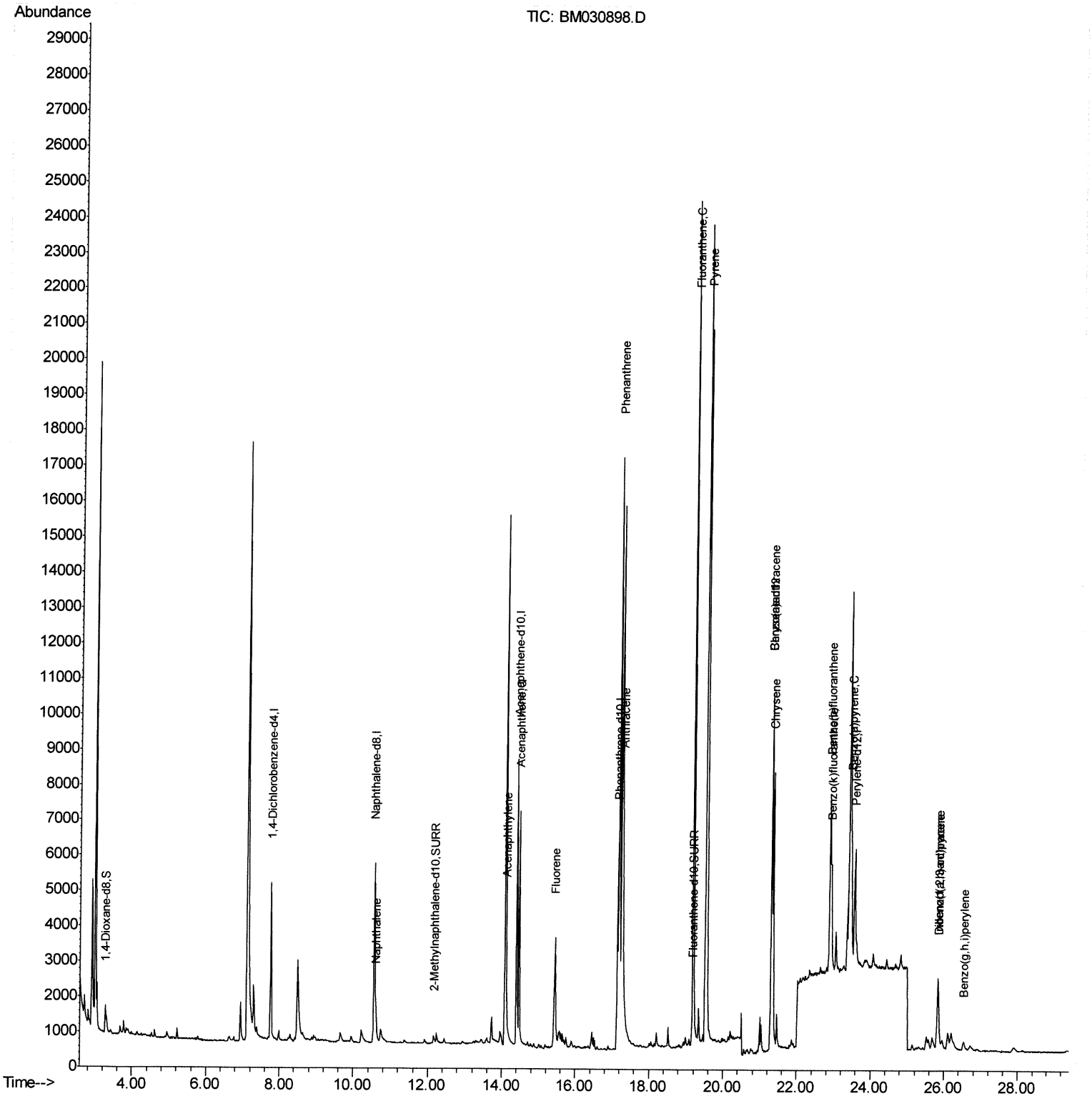
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030898.D
Acq On : 08 Jul 2021 23:18
Operator : CG/JU
Sample : M2825-07DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 09 07:06:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 09 02:52:26 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDR1DL

Manual Integrations APPROVED
mohammad
7/9/2021 2:48:37 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030898.D
Acq On : 08 Jul 2021 23:18
Operator : CG/JU
Sample : M2825-07DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 09 02:53:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 09 02:52:26 2021
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Instrument :
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ClientSampleId :
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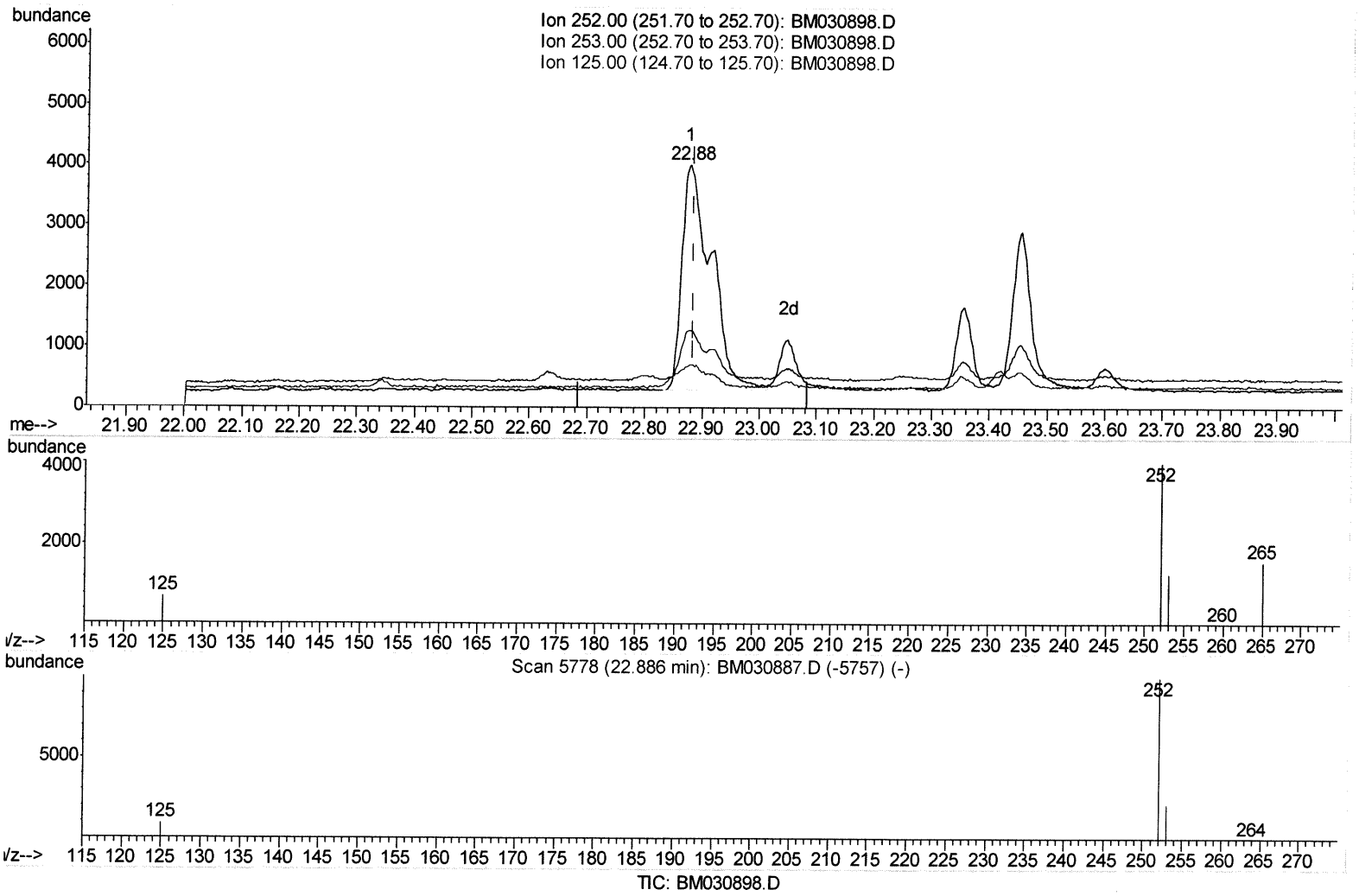

(24) Benzo(b)fluoranthene

22.878min (-0.007) 0.60ng/ul

response 13352

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	31.74
125.00	13.90	17.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030898.D
Acq On : 08 Jul 2021 23:18
Operator : CG/JU
Sample : M2825-07DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 09 02:53:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 09 02:52:26 2021
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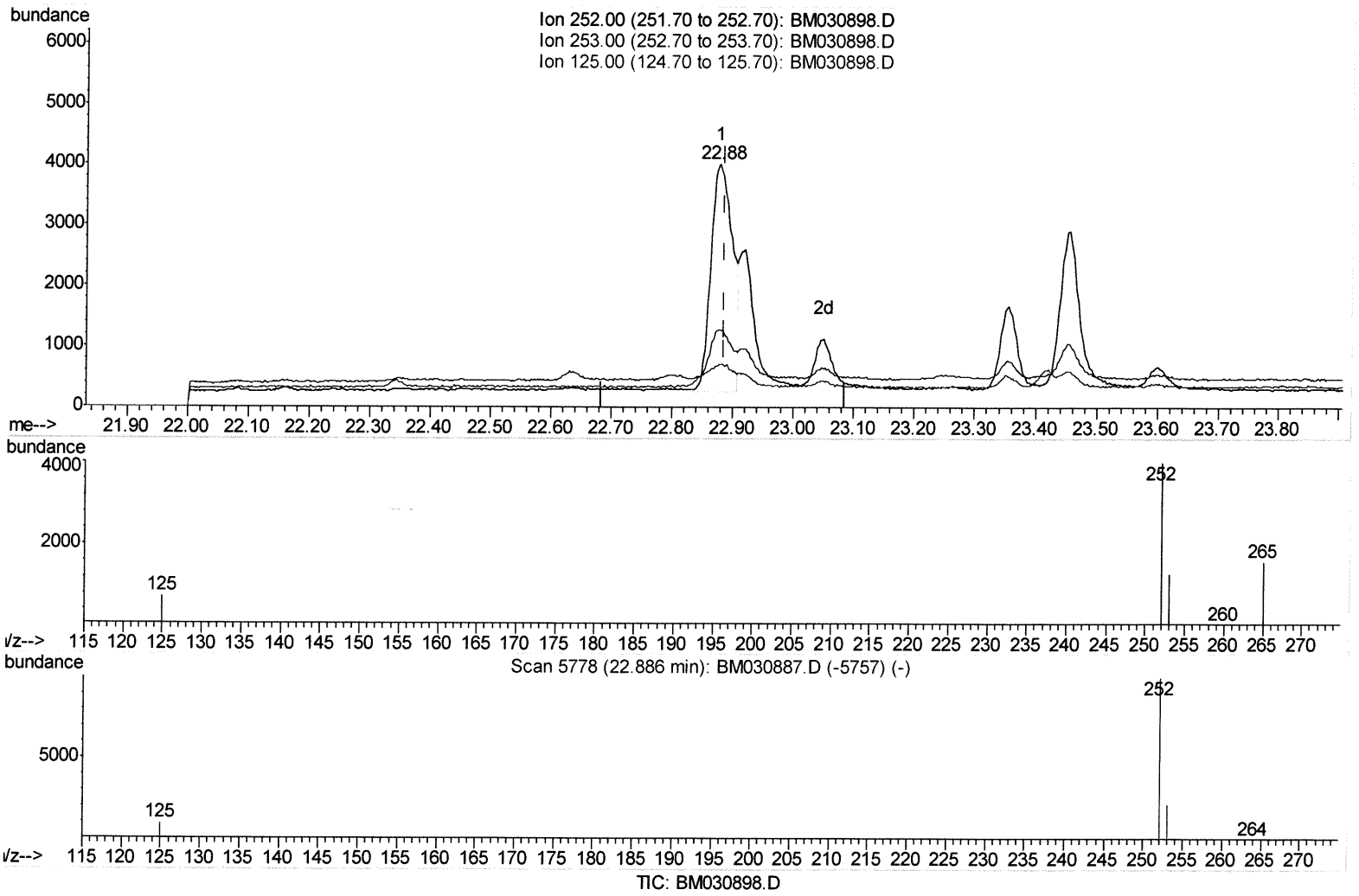
Instrument :
BNA_M
ClientSampleId :
BGDR1DL

Manual Integrations APPROVED
mohammad
7/9/2021 2:48:37 PM



(24) Benzo(b)fluoranthene

22.878min (-0.007) 0.42ng/ul m 07/12/21 JU

response 9191

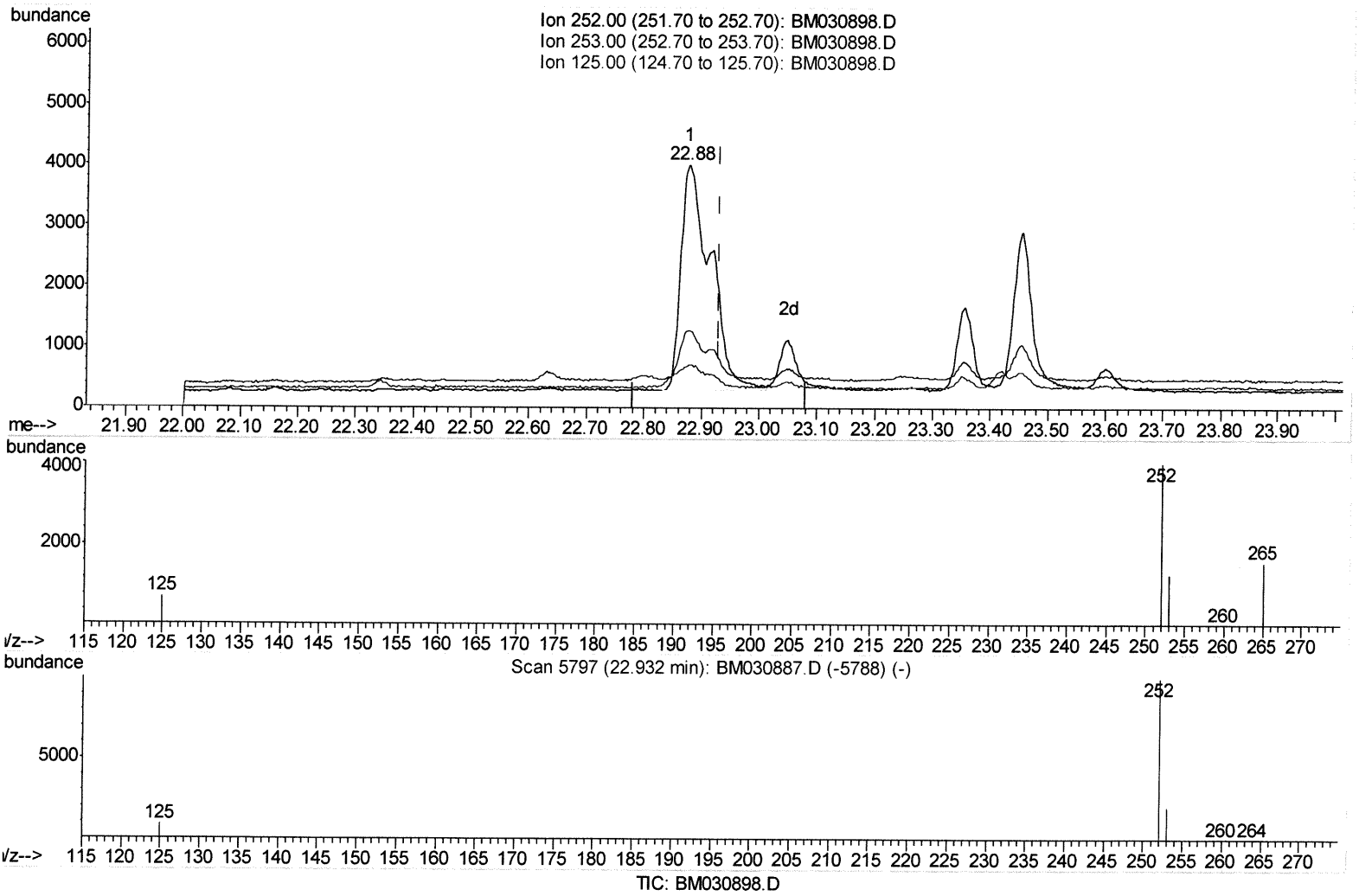
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	31.74
125.00	13.90	17.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030898.D
Acq On : 08 Jul 2021 23:18
Operator : CG/JU
Sample : M2825-07DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 09 03:29:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 09 02:52:26 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDR1DL

Manual Integrations APPROVED
mohammad
7/9/2021 2:48:37 PM



(25) Benzo(k)fluoranthene

22.878min (-0.053) 0.59ng/ul

response 13352

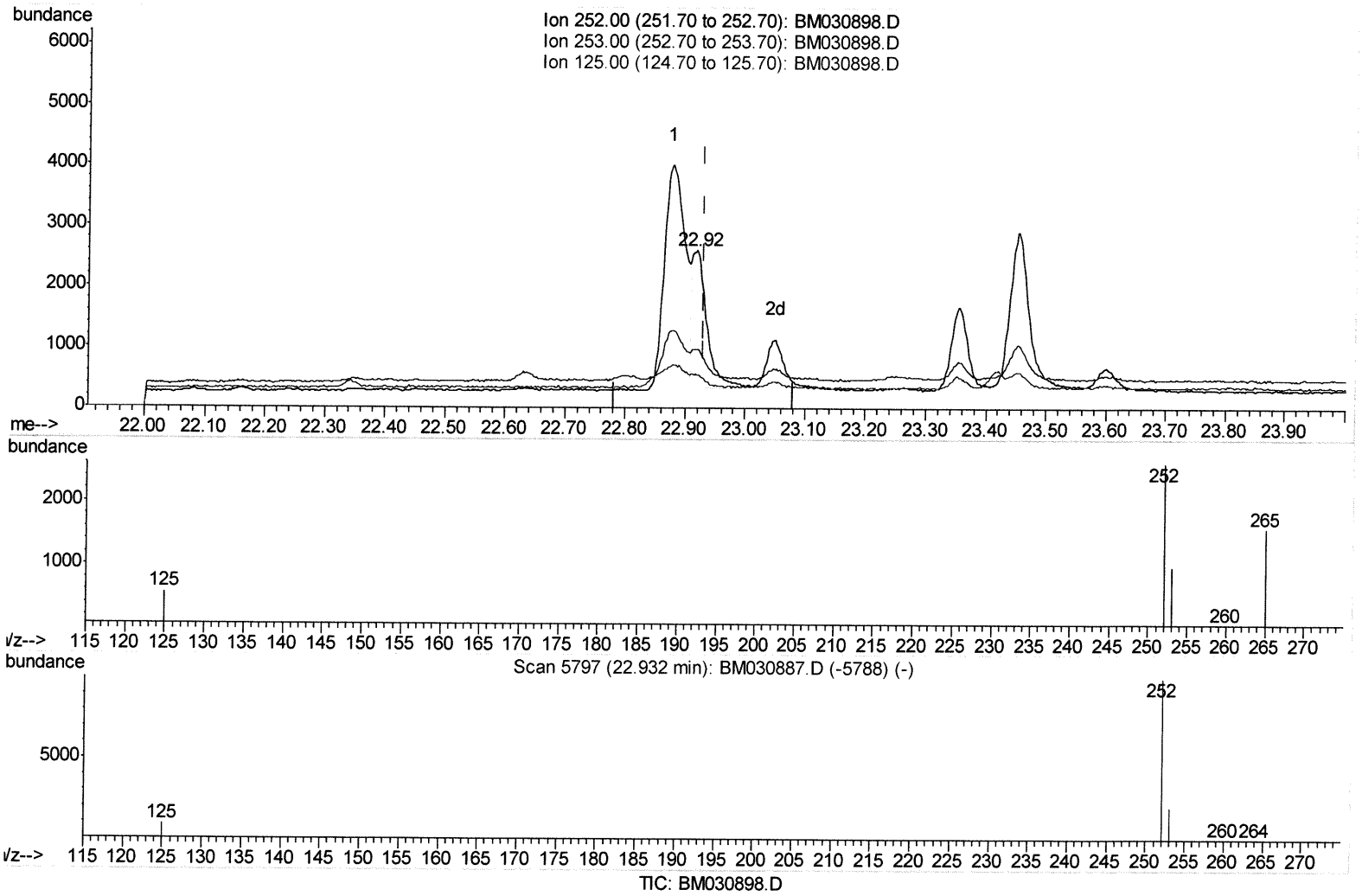
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	31.74#
125.00	13.70	17.91#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030898.D
Acq On : 08 Jul 2021 23:18
Operator : CG/JU
Sample : M2825-07DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 09 03:29:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 09 02:52:26 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDR1DL

Manual Integrations APPROVED
mohammad
7/9/2021 2:48:37 PM



(25) Benzo(k)fluoranthene

22.919min (-0.012) 0.18ng/ul m 07/12/21 JU

response 4034

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	36.87#
125.00	13.70	21.34#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070821\
Data File : BM030898.D
Acq On : 08 Jul 2021 23:18
Operator : CG/JU
Sample : M2825-07DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDR1DL

Manual Integrations APPROVED
mohammad
7/9/2021 2:48:37 PM

Quant Time: Jul 09 07:06:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2390	0.40	ng/ul	0.00
4) Naphthalene-d8	10.55	136	9360	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.39	164	5123	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.14	188	8639	0.40	ng/ul	-0.01
17) Chrysene-d12	21.31	240	5534	0.40	ng/ul	0.00
23) Perylene-d12	23.55	264	4993	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	619	0.24	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.16	152	479	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.16	212	709	0.04	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.60	128	1207	0.045	ng/ul#	79
10) Acenaphthylene	14.12	152	532	0.023	ng/ul#	61
11) Acenaphthene	14.46	153	4313	0.233	ng/ul	97
12) Fluorene	15.45	166	2514	0.123	ng/ul#	95
15) Phenanthrene	17.18	178	21951	0.756	ng/ul	99
16) Anthracene	17.27	178	7742	0.304	ng/ul	97
19) Fluoranthene	19.19	202	23926	0.980	ng/ul	99
20) Pyrene	19.55	202	18881	0.769	ng/ul	98
21) Benzo(a)anthracene	21.29	228	8407	0.381	ng/ul	94
22) Chrysene	21.34	228	8091	0.327	ng/ul	97
24) Benzo(b)fluoranthene	22.88	252	9191m	0.416	ng/ul	07/12/21 JU
25) Benzo(k)fluoranthene	22.92	252	4034m	0.177	ng/ul	
26) Benzo(a)pyrene	23.45	252	5580	0.297	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.83	276	4005	0.163	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.84	278	1084	0.055	ng/ul#	24
29) Benzo(g,h,i)perylene	26.53	276	602	0.028	ng/ul#	39

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