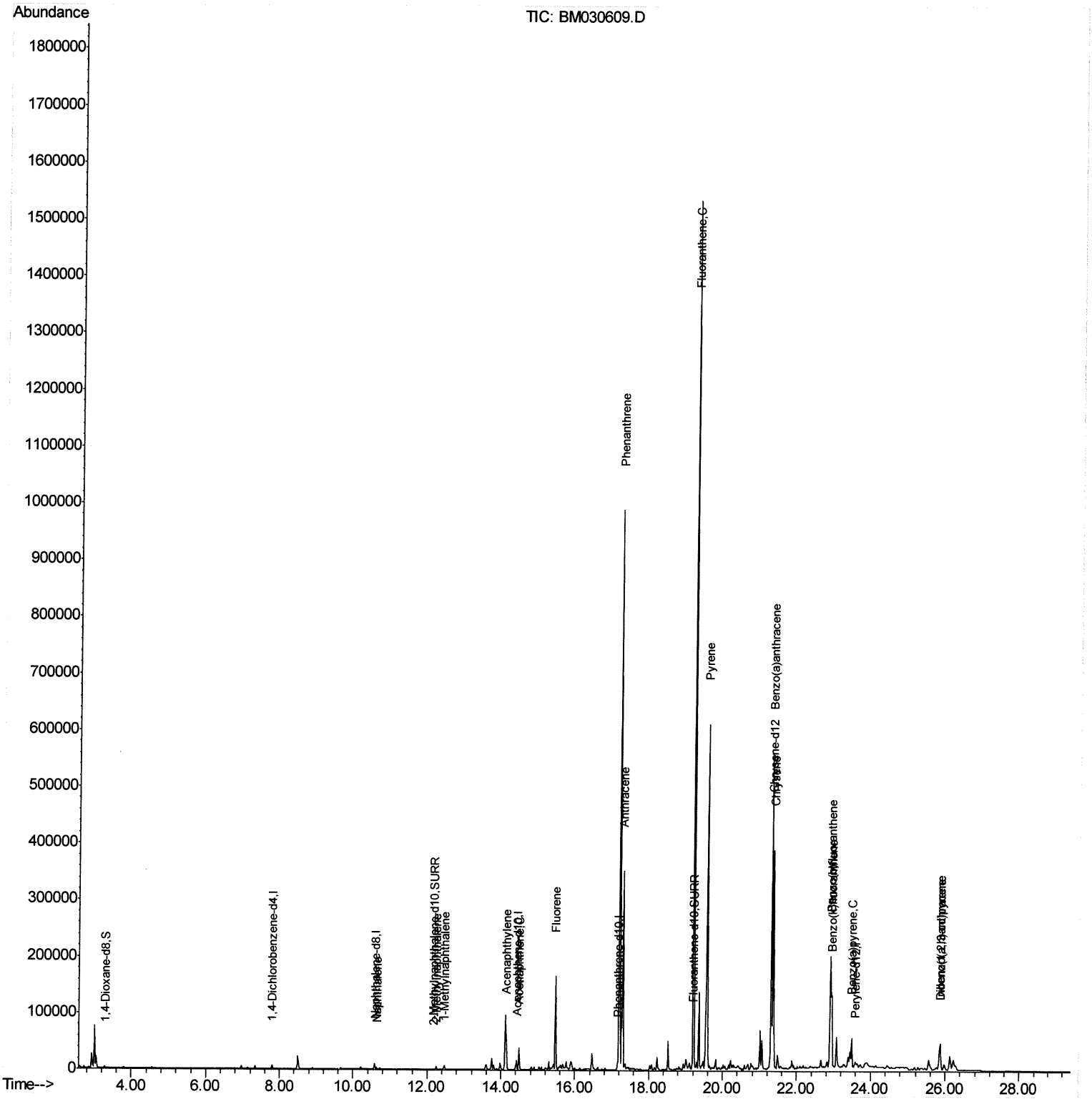
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030609.D
Acq On : 25 Jun 2021 19:40
Operator : CG/JU
Sample : M2662-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 26 01:43:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:20 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030609.D
Acq On : 25 Jun 2021 19:40
Operator : CG/JU
Sample : M2662-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 26 01:31:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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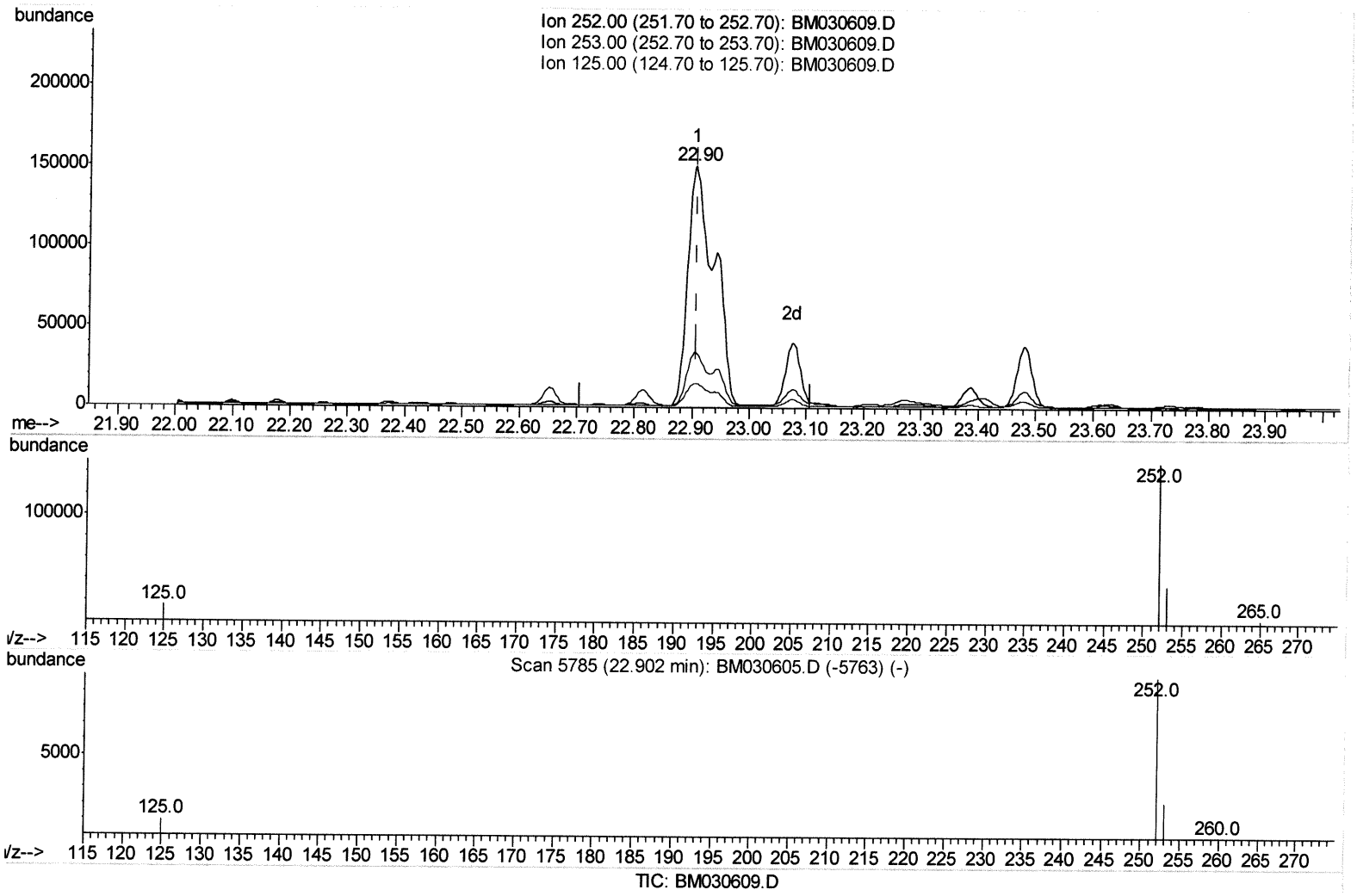
Manual Integrations APPROVED
mohammad
6/28/2021 1:21:20 PM



Scan 5785 (22.902 min): BM030605.D (-5763) (-)

TIC: BM030609.D

(24) Benzo(b)fluoranthene

22.905min (-0.002) 8.79ng/ul

response 477865

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.18
125.00	13.90	10.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030609.D
Acq On : 25 Jun 2021 19:40
Operator : CG/JU
Sample : M2662-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 26 01:31:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
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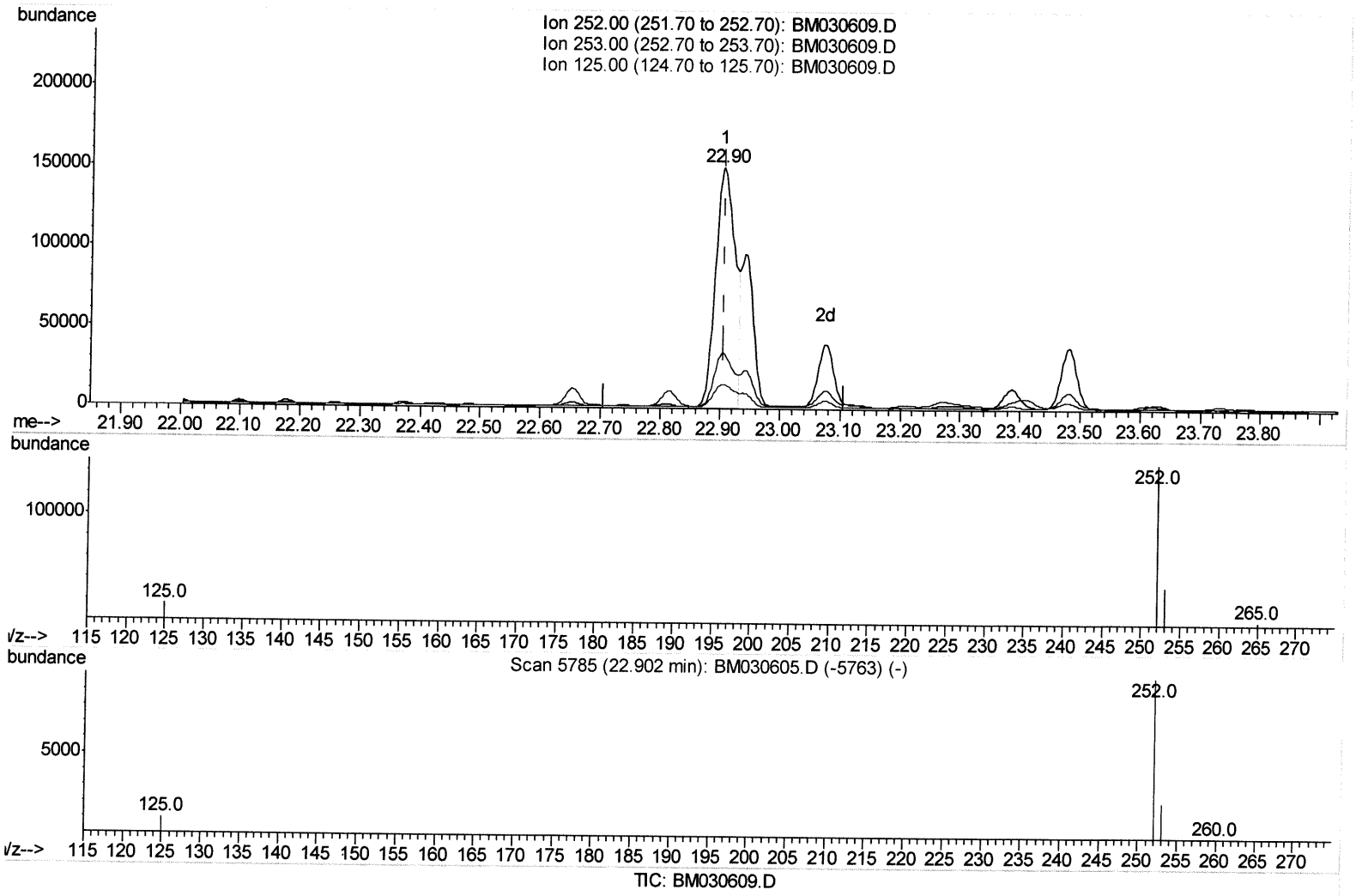
Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:20 PM



(24) Benzo(b)fluoranthene

22.905min (-0.002) 6.20ng/ul m

response 336908 JU 6/30/21

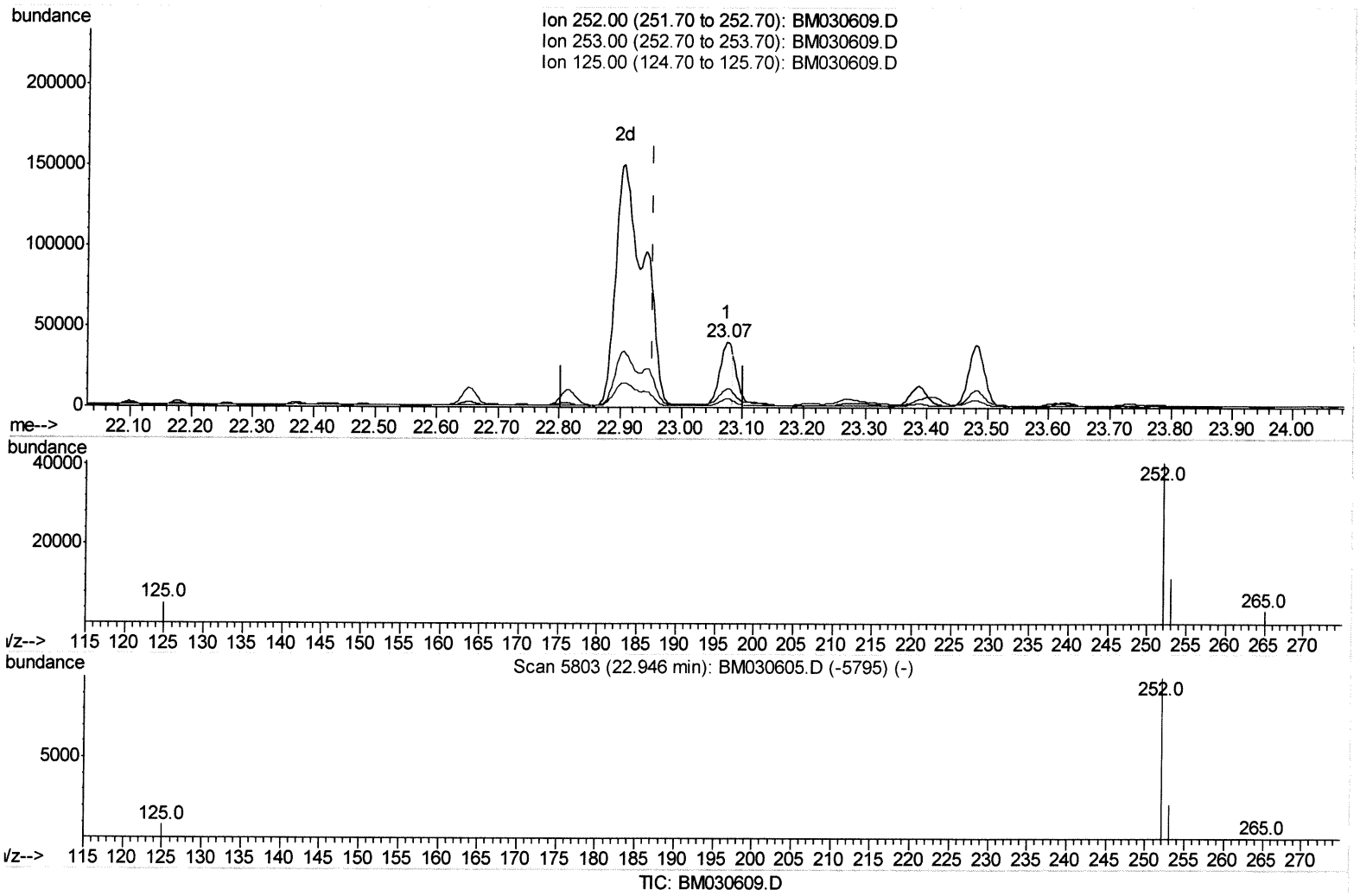
Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.18
125.00	13.90	10.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030609.D
Acq On : 25 Jun 2021 19:40
Operator : CG/JU
Sample : M2662-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 26 01:42:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:20 PM



TIC: BM030609.D

(25) Benzo(k)fluoranthene

23.074min (+0.121) 0.96ng/ul

response 54659

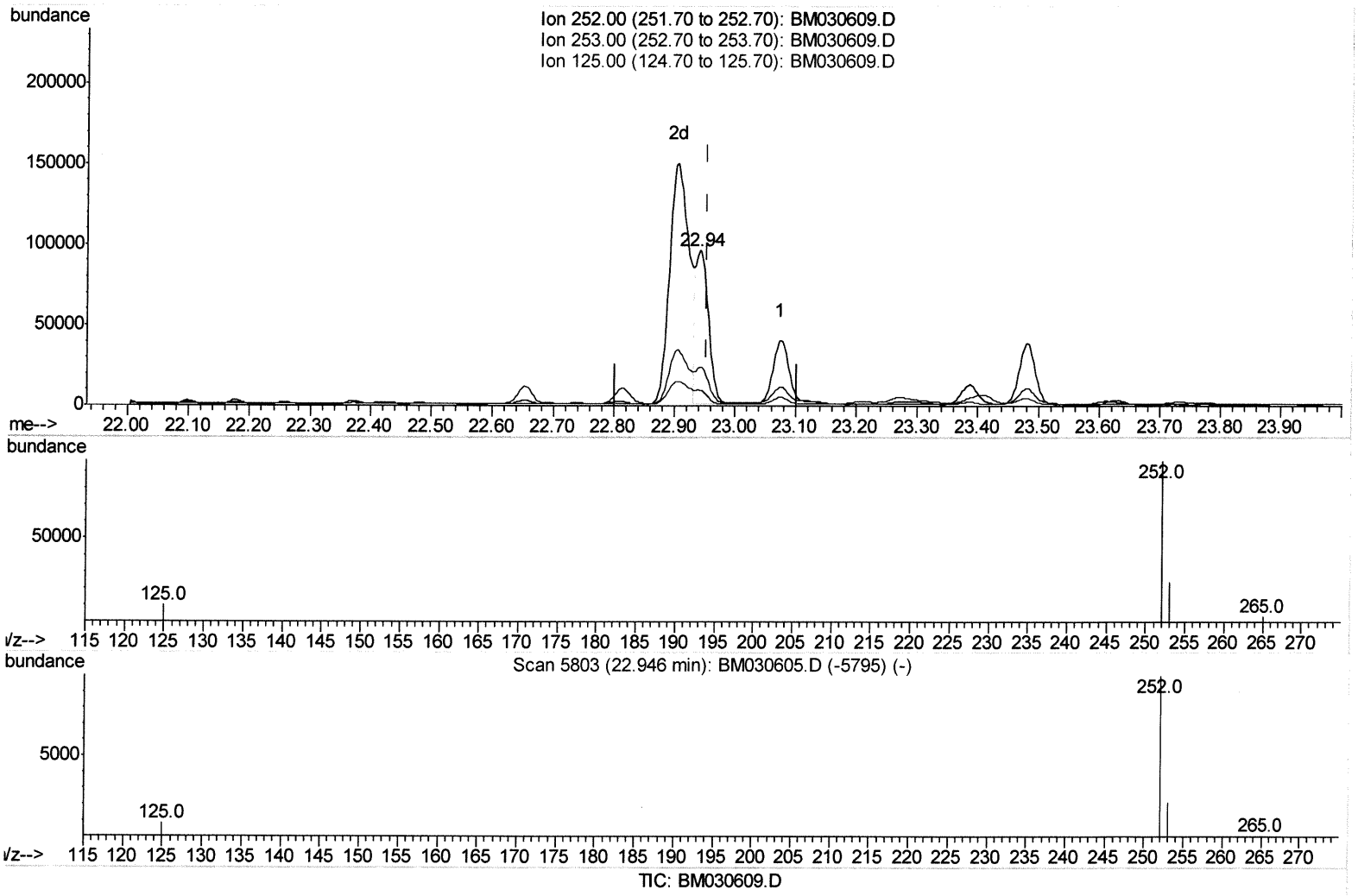
Ion	Exp%	Act%
252.00	100	100
253.00	25.80	28.58
125.00	13.70	13.21
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030609.D
Acq On : 25 Jun 2021 19:40
Operator : CG/JU
Sample : M2662-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 26 01:42:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:20 PM



TIC: BM030609.D

(25) Benzo(k)fluoranthene

22.941min (-0.012) 2.45ng/ul m

response 139579

JU 6/30/21

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	25.02
125.00	13.70	10.23#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030609.D
Acq On : 25 Jun 2021 19:40
Operator : CG/JU
Sample : M2662-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:20 PM

Quant Time: Jun 26 01:43:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	3717	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	15329	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	9752	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	19329	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	14266	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	12499	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	2173	0.55	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	912	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	2247	0.05	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	6459	0.142	ng/ul	98
7) 2-Methylnaphthalene	12.25	142	4239	0.138	ng/ul	100
8) 1-Methylnaphthalene	12.47	142	5613	0.188	ng/ul	100
10) Acenaphthylene	14.14	152	62995	1.380	ng/ul	99
11) Acenaphthene	14.49	153	23452	0.631	ng/ul	98
12) Fluorene	15.47	166	105390	2.560	ng/ul	99
15) Phenanthrene	17.20	178	1042526	15.148	ng/ul	100
16) Anthracene	17.29	178	358238	5.941	ng/ul	99
19) Fluoranthene	19.21	202	1311596	19.998	ng/ul	98
20) Pyrene	19.57	202	530038	7.889	ng/ul	97
21) Benzo(a)anthracene	21.31	228	475312	8.387	ng/ul	97
22) Chrysene	21.36	228	352663	5.606	ng/ul	96
24) Benzo(b)fluoranthene	22.90	252	336908m	6.197	ng/ul	
25) Benzo(k)fluoranthene	22.94	252	139579m	2.448	ng/ul	
26) Benzo(a)pyrene	23.48	252	70780	1.467	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.86	276	59215	0.965	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.87	278	37284	0.762	ng/ul#	92

JU 6/30/21

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