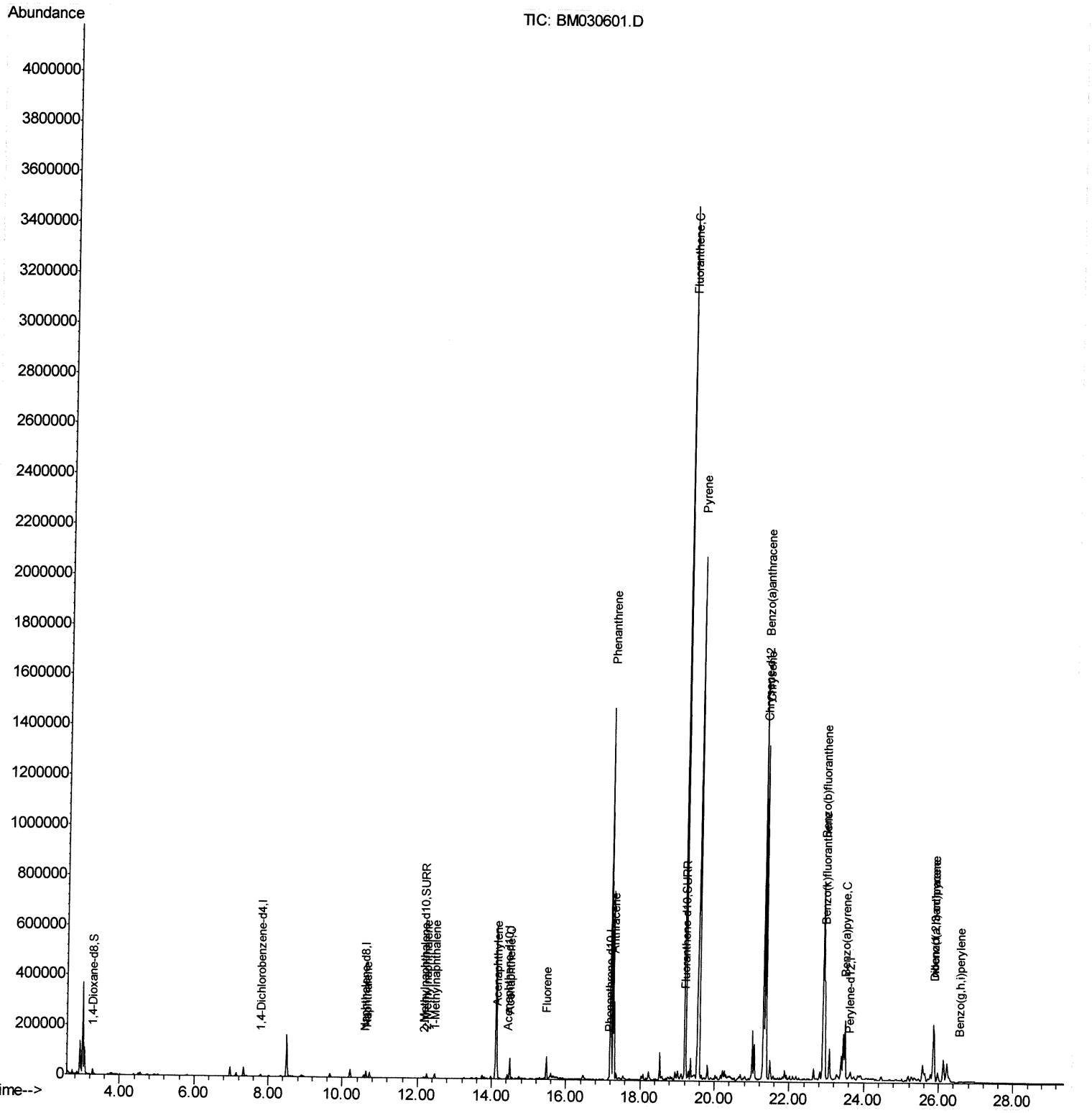
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030601.D
Acq On : 25 Jun 2021 14:45
Operator : CG/JU
Sample : M2662-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 15:16:34 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 12:45:36 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD91

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:06 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030601.D
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Manual Integrations APPROVED
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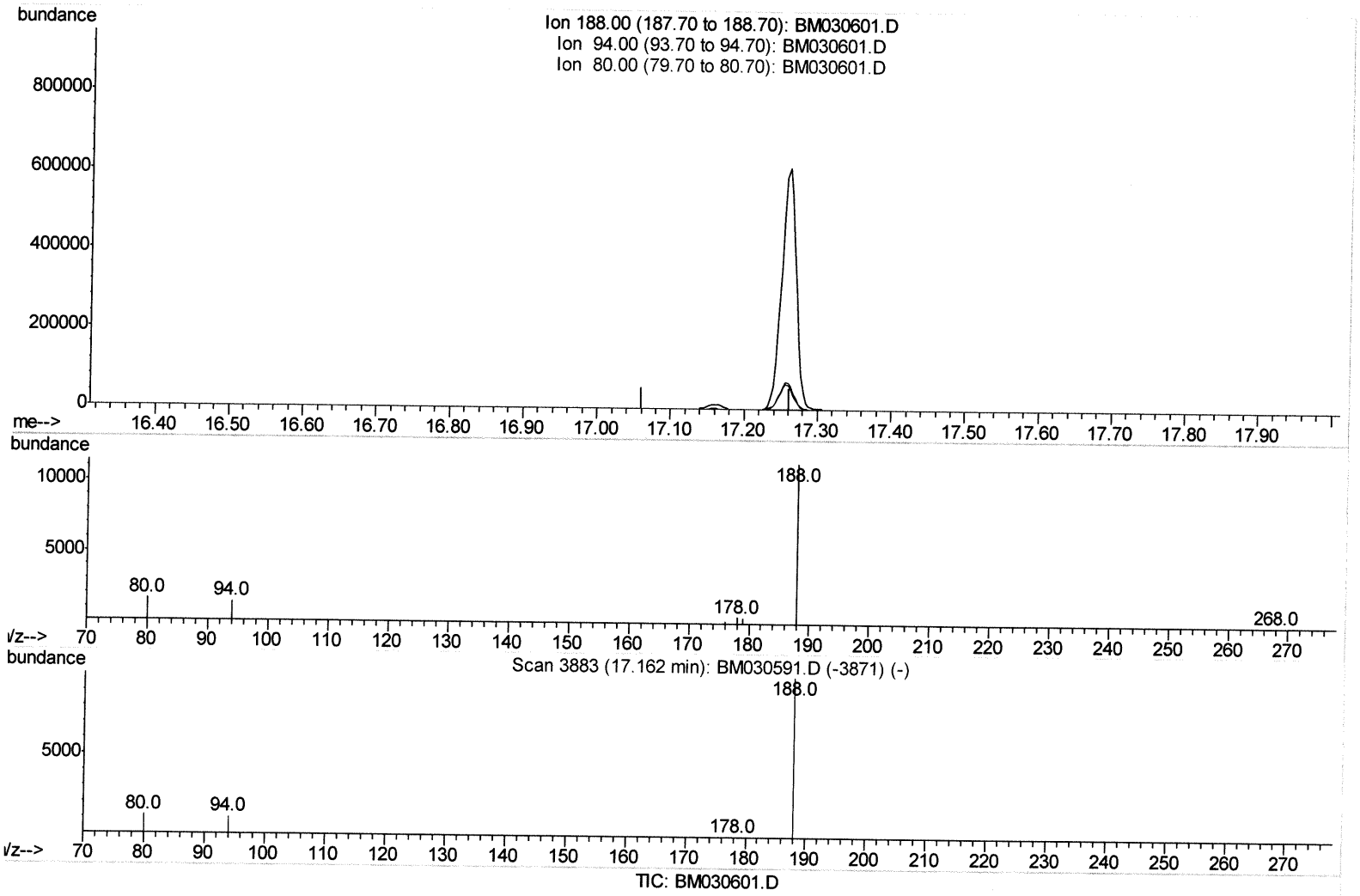

(13) Phenanthrene-d10 (I)

17.162min (-17.162) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.30	0.00#
80.00	11.60	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
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Manual Integrations APPROVED
mohammad
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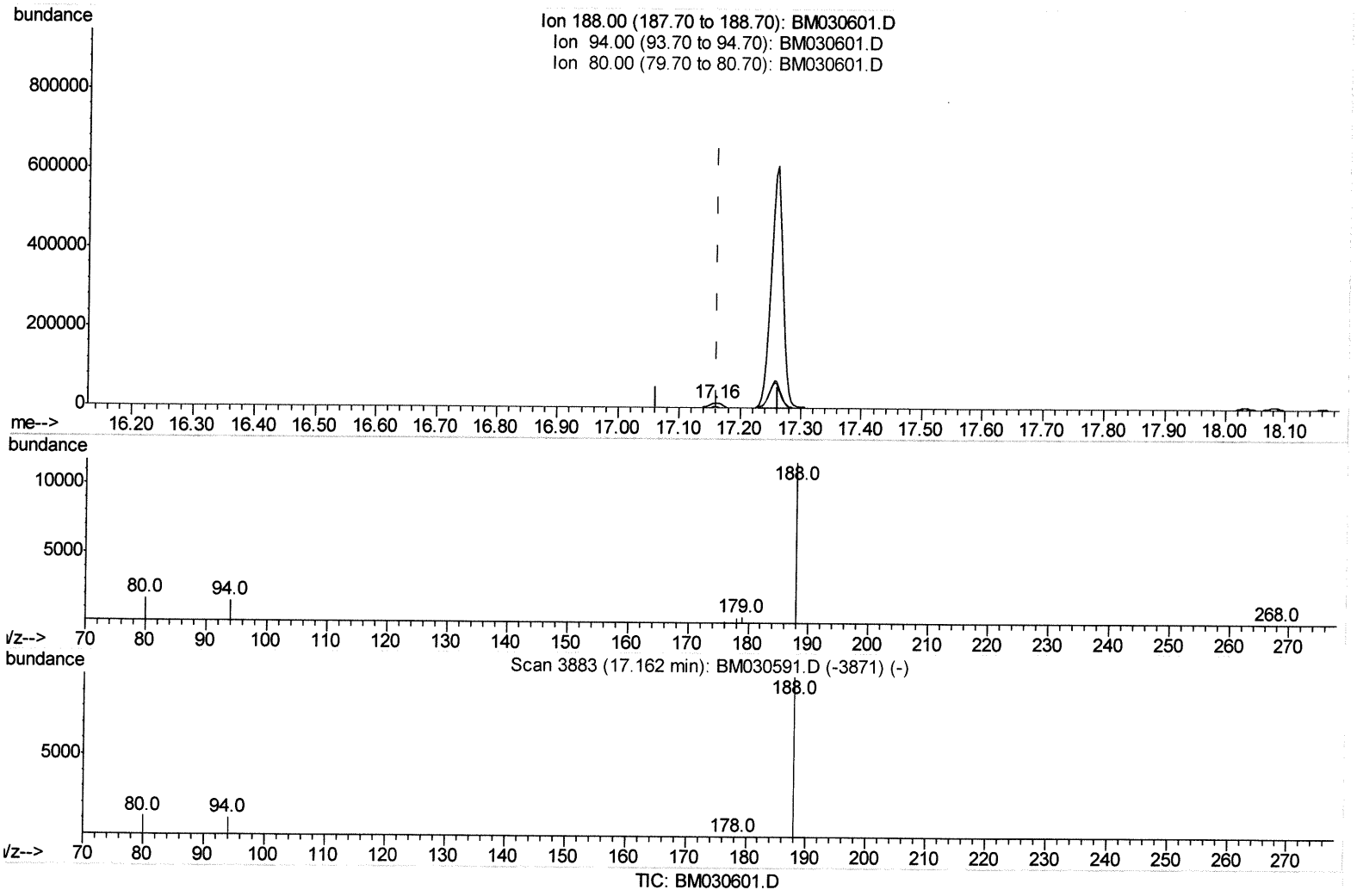

(13) Phenanthrene-d10 (I)

17.159min (-0.003) 0.40ng/ul m

JU 6/30/21

response 16807

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	12.89#
80.00	11.60	14.43#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030601.D
Acq On : 25 Jun 2021 14:45
Operator : CG/JU
Sample : M2662-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 15:15:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
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QLast Update : Fri Jun 25 12:45:36 2021
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Instrument :
BNA_M
ClientSampleId :
BGD91

Manual Integrations APPROVED
mohammad
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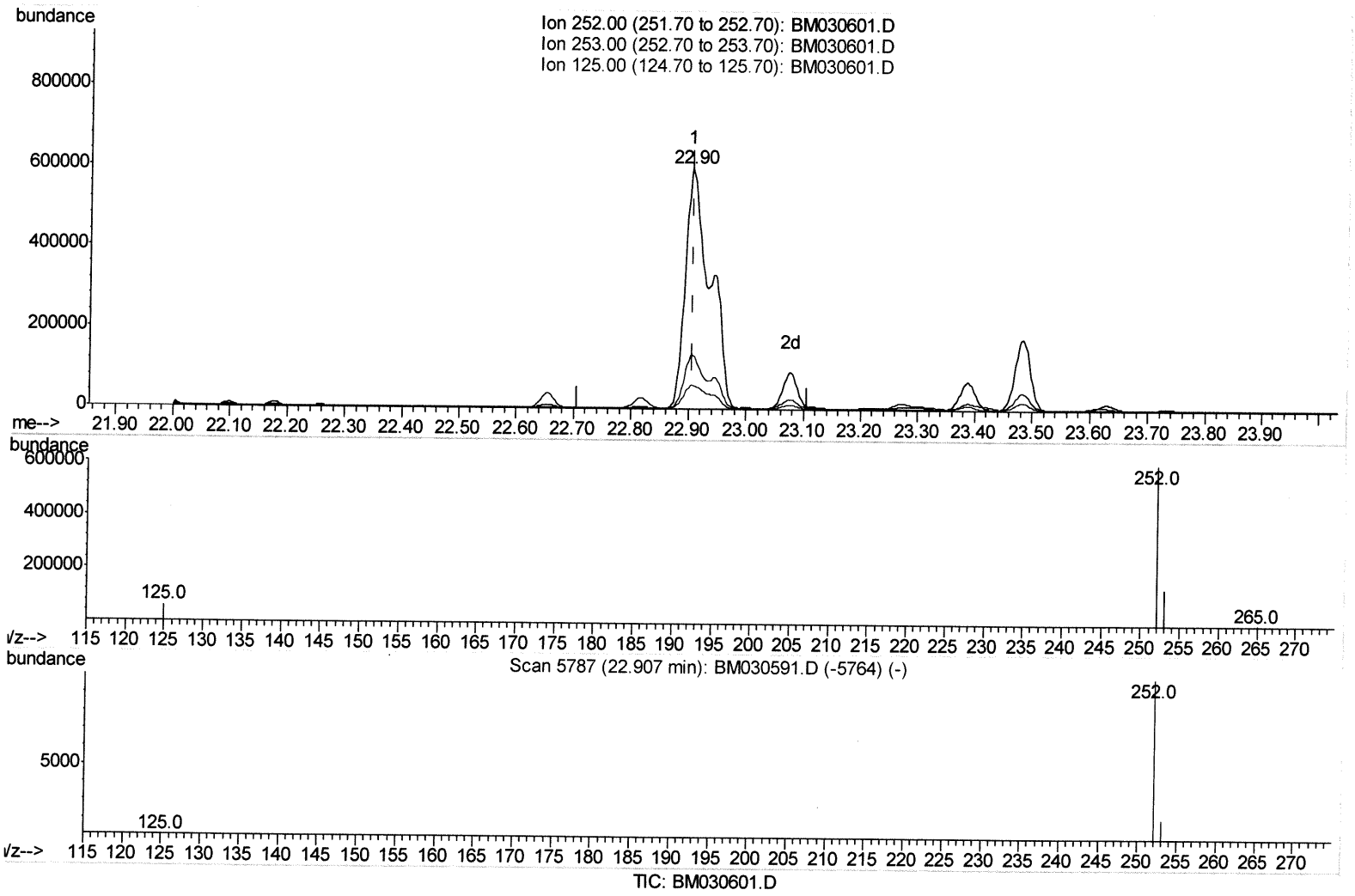

(24) Benzo(b)fluoranthene

22.905min (-0.002) 33.07ng/ul

response 1785392

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.83
125.00	13.90	9.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030601.D
Acq On : 25 Jun 2021 14:45
Operator : CG/JU
Sample : M2662-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 15:15:30 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 12:45:36 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGD91

Manual Integrations APPROVED
mohammad
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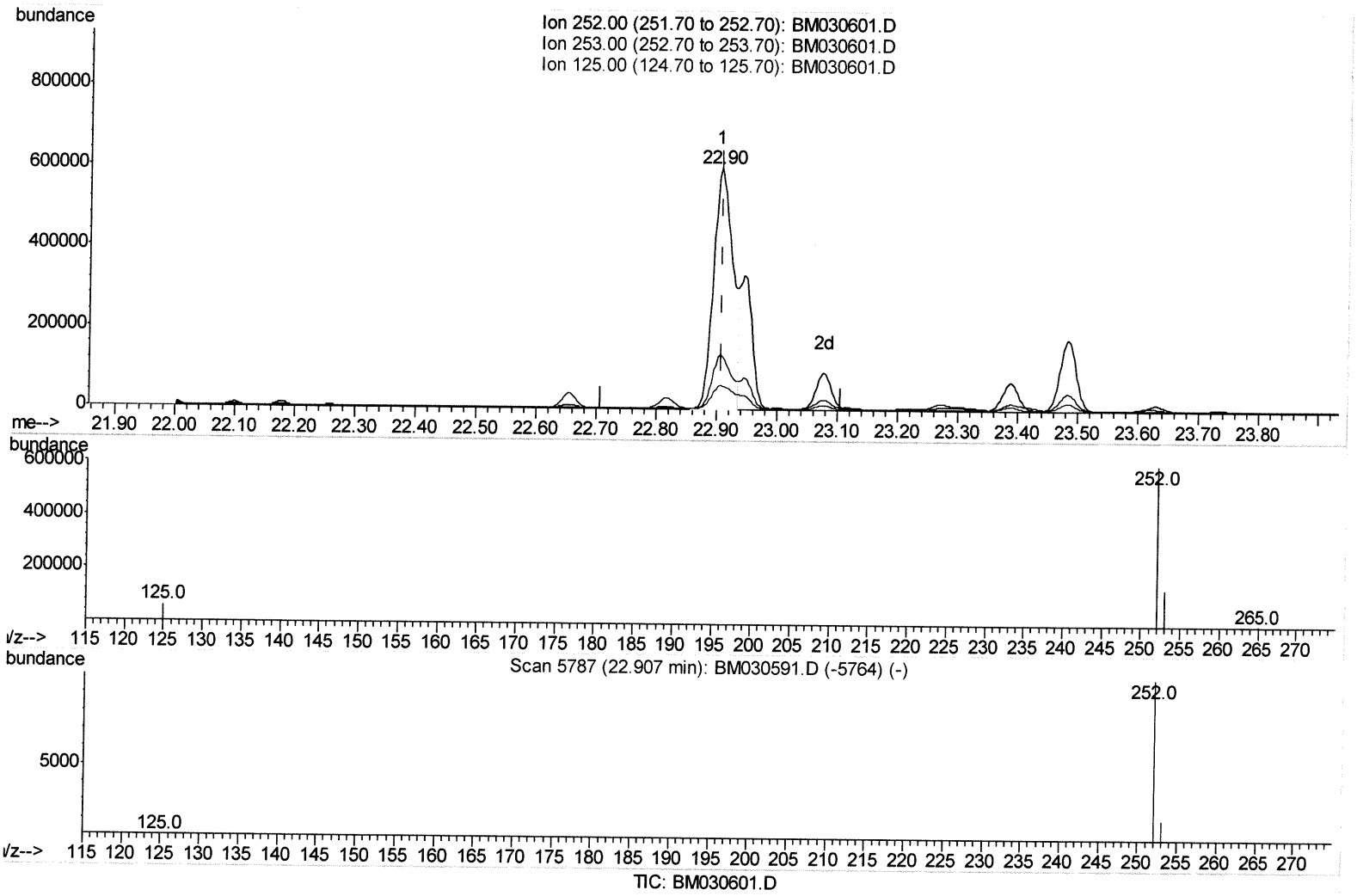

(24) Benzo(b)fluoranthene

22.905min (-0.002) 24.28ng/ul m

response 1310659 JU 6/30/21

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	22.83
125.00	13.90	9.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030601.D
Acq On : 25 Jun 2021 14:45
Operator : CG/JU
Sample : M2662-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 25 15:15:30 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 12:45:36 2021
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Instrument :
BNA_M
ClientSampleId :
BGD91

Manual Integrations APPROVED
mohammad
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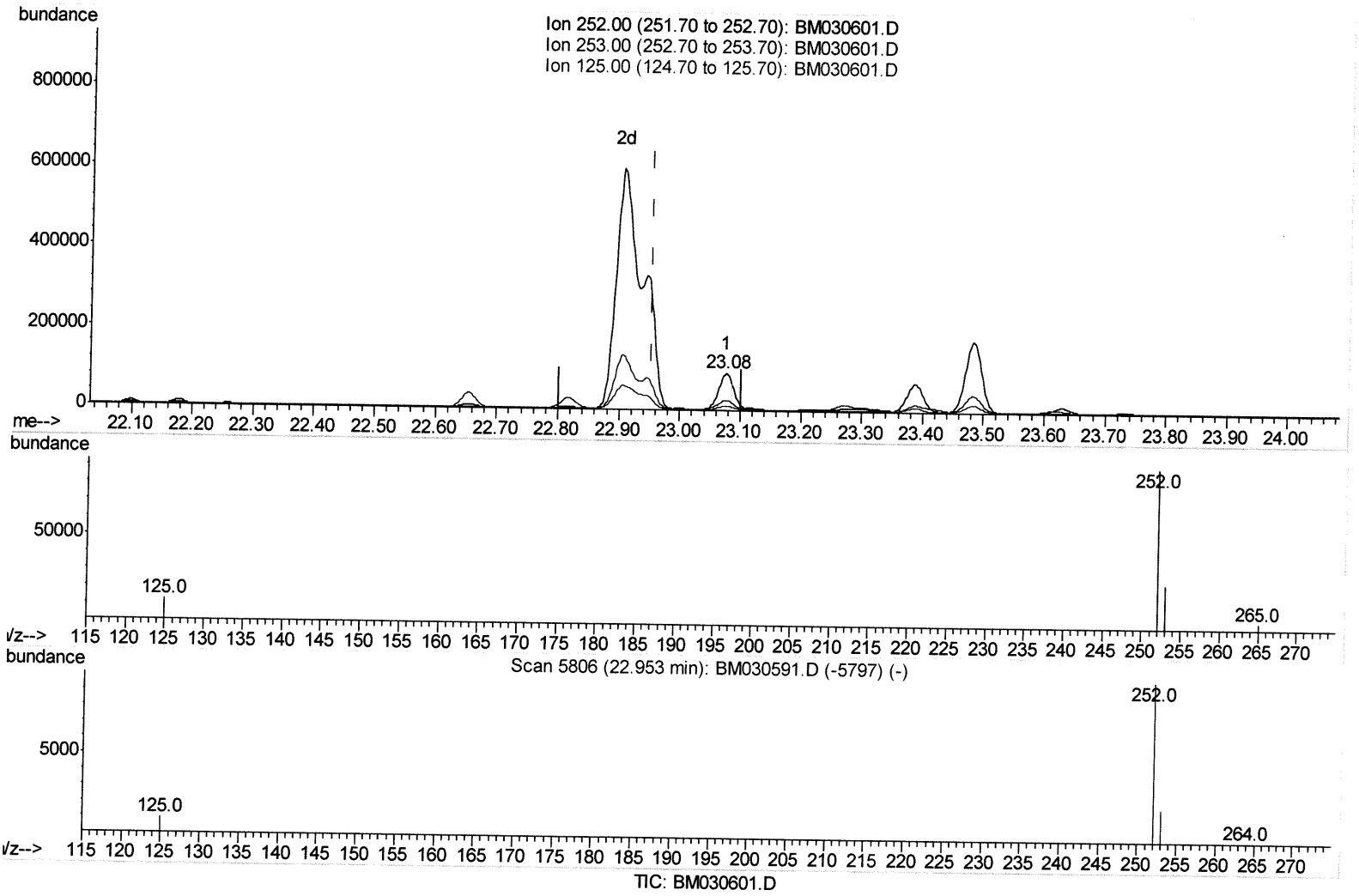

(25) Benzo(k)fluoranthene

23.077min (+0.124) 2.27ng/ul

response 128555

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	27.92
125.00	13.70	13.17
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030601.D
Acq On : 25 Jun 2021 14:45
Operator : CG/JU
Sample : M2662-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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Quant Time: Jun 25 15:16:34 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 12:45:36 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	3552	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	14147	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	8882	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	16807m	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	11753	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	12412	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	12833	3.38	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.17	152	5218	0.23	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	11109	0.31	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.63	128	32274	0.767	ng/ul	99
7) 2-Methylnaphthalene	12.25	142	12755	0.449	ng/ul	99
8) 1-Methylnaphthalene	12.47	142	12382	0.449	ng/ul	100
10) Acenaphthylene	14.14	152	90522	2.178	ng/ul	100
11) Acenaphthene	14.49	153	48161	1.422	ng/ul	98
12) Fluorene	15.47	166	56649	1.511	ng/ul	100
15) Phenanthrene	17.20	178	1587944	26.535	ng/ul	100
16) Anthracene	17.29	178	329824	6.291	ng/ul	99
19) Fluoranthene	19.21	202	2954581	54.682	ng/ul	98
20) Pyrene	19.58	202	1827055	33.007	ng/ul	97
21) Benzo(a)anthracene	21.31	228	1342017	28.745	ng/ul	98
22) Chrysene	21.36	228	1209010	23.327	ng/ul	97
24) Benzo(b)fluoranthene	22.90	252	1310659m	24.275	ng/ul	
25) Benzo(k)fluoranthene	22.94	252	489421m	8.643	ng/ul	
26) Benzo(a)pyrene	23.48	252	330724	6.903	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.86	276	313556	5.147	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.87	278	153302	3.155	ng/ul	99
29) Benzo(g,h,i)perylene	26.56	276	12366	0.235	ng/ul#	71

JV 6/30/21

JV 6/30/21

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

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
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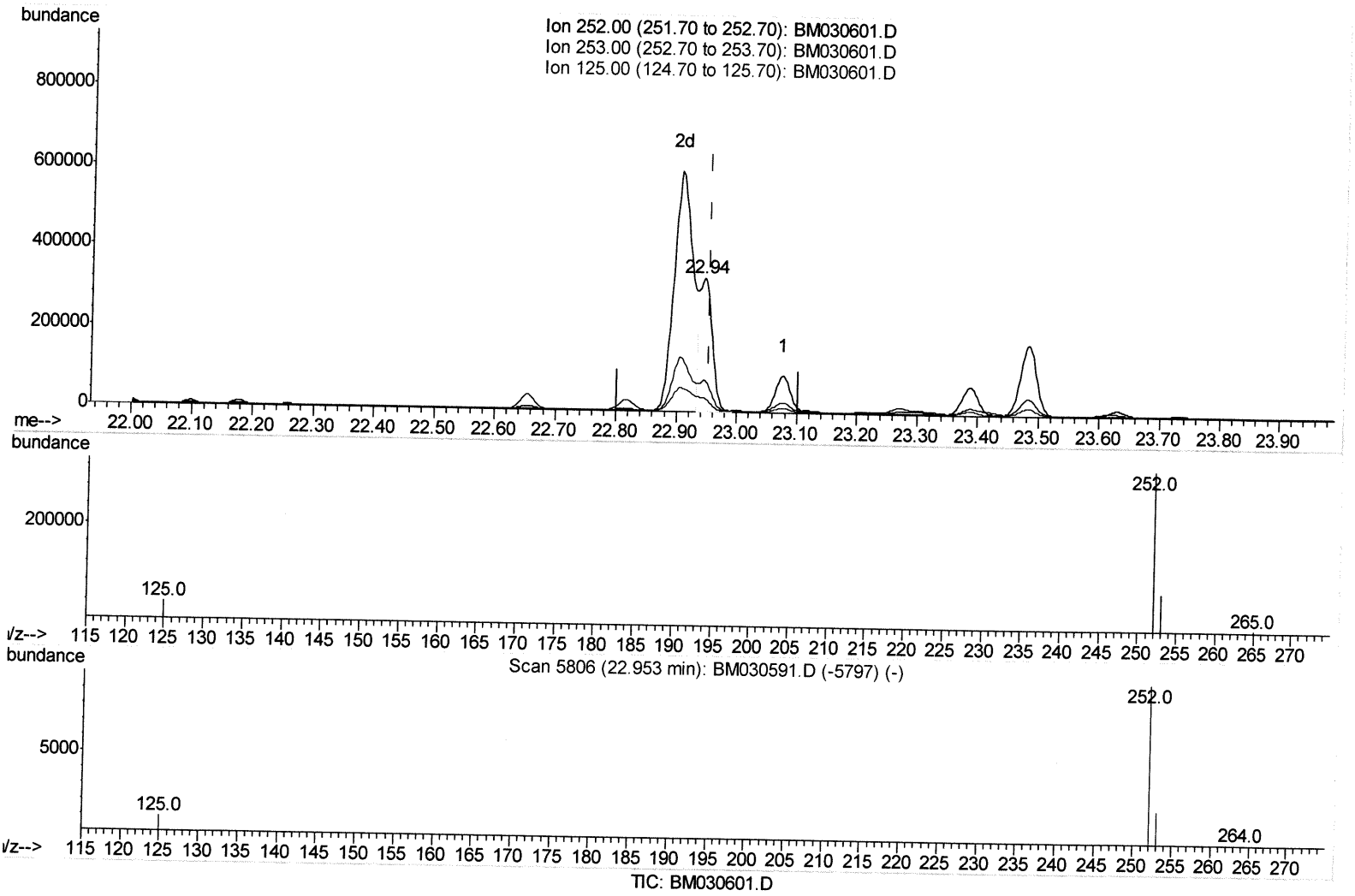

(25) Benzo(k)fluoranthene

22.943min (-0.010) 8.64ng/ul m JU 6/30/21

response 489421

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	23.46
125.00	13.70	10.77#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030601.D
Acq On : 25 Jun 2021 14:45
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Sample : M2662-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD91

Manual Integrations APPROVED
mohammad
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9) Acenaphthene-d10	14.42	164	8882	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	16807m	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	11753	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	12412	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	12833	3.38	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.17	152	5218	0.23	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	11109	0.31	ng/ul	0.00
Target Compounds						Qvalue
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8) 1-Methylnaphthalene	12.47	142	12382	0.449	ng/ul	100
10) Acenaphthylene	14.14	152	90522	2.178	ng/ul	100
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