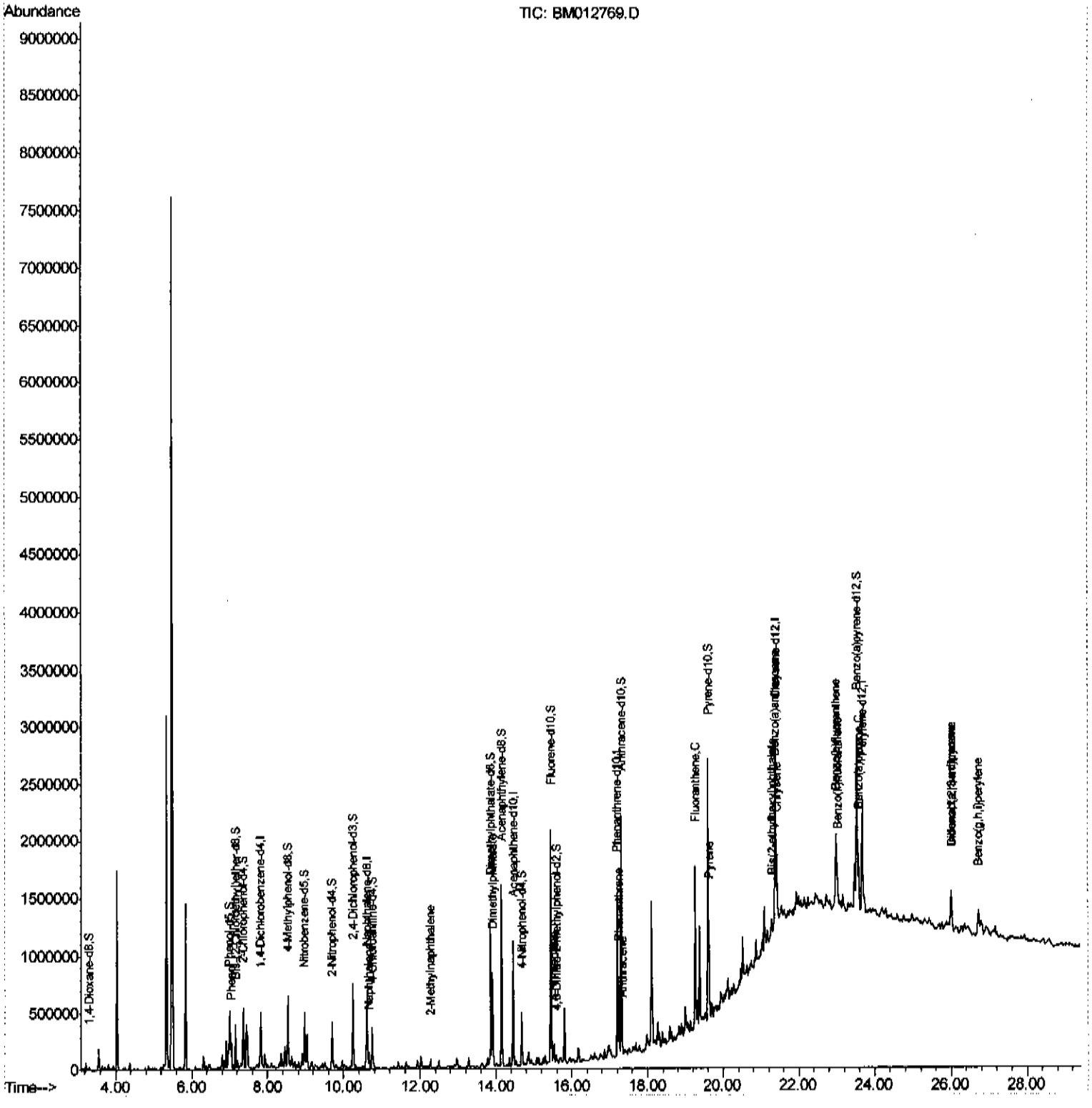
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 07 03:47:53 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-12(0-1)-101317

Manual Integrations APPROVED
Sohil
11/7/2017 5:35:08 PM

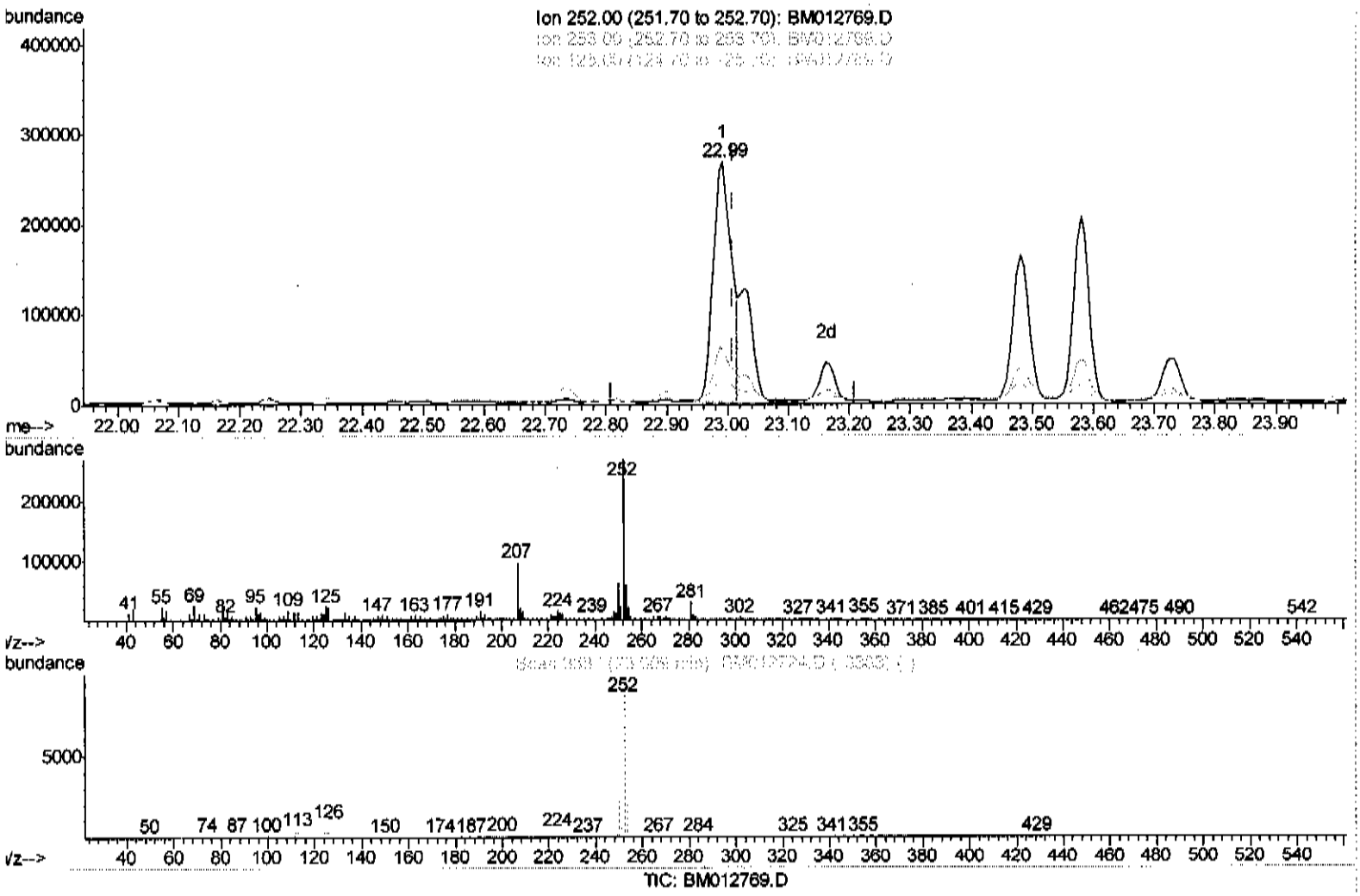


Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 07 03:17:12 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-12(0-1)-101317

Manual Integrations APPROVED
Sohil
11/7/2017 5:35:08 PM



(88) Benzo(k)fluoranthene

22.991min (-0.018) 12.89ng/ul

response 554587

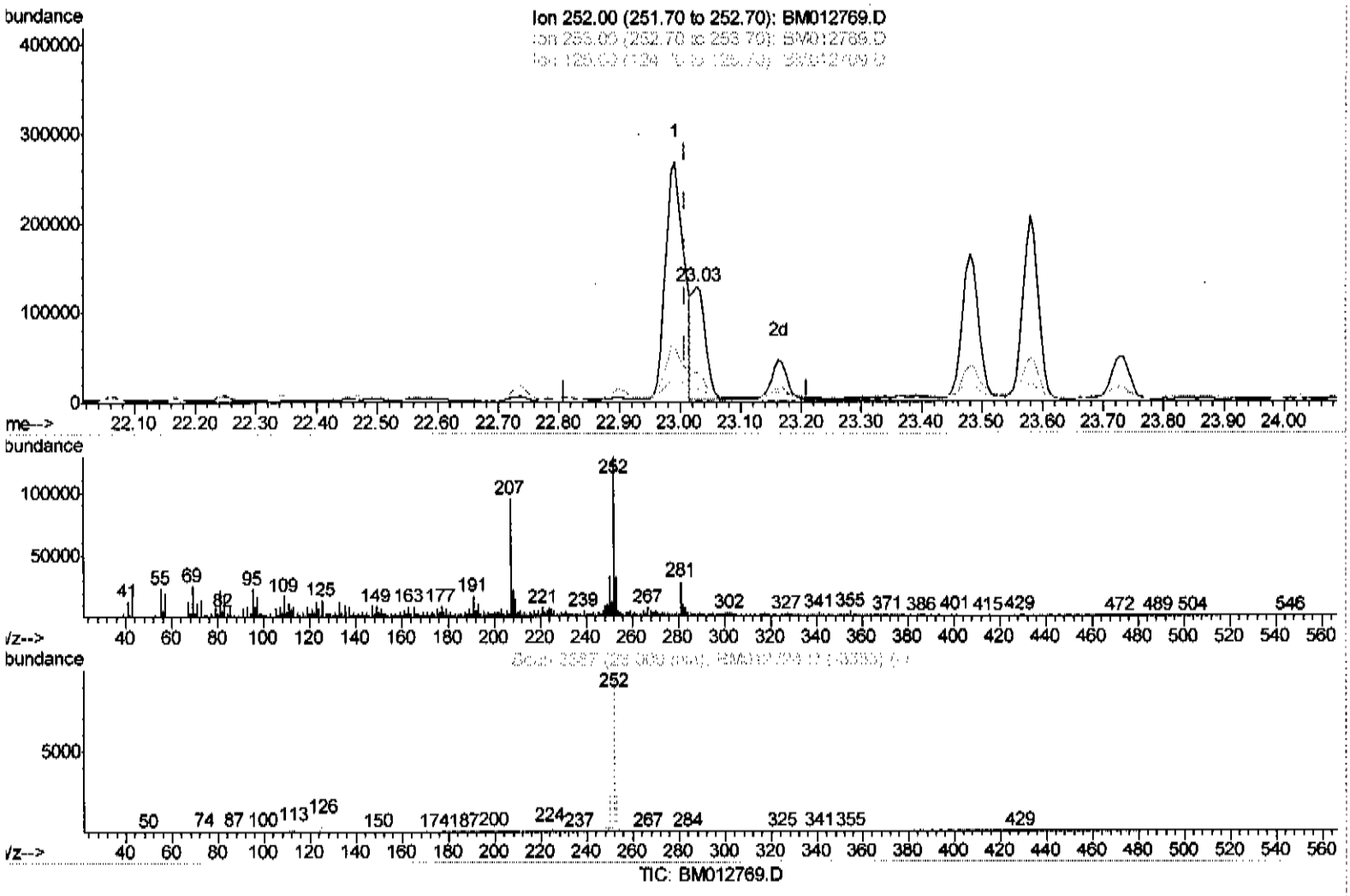
Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.62
125.00	10.20	8.79
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 07 03:17:12 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-12(0-1)-101317

Manual Integrations APPROVED
Sohil
11/7/2017 5:35:08 PM



(88) Benzo(k)fluoranthene

23.027min (+0.018) 4.49ng/ul m

response 193086

J4 11/7/17

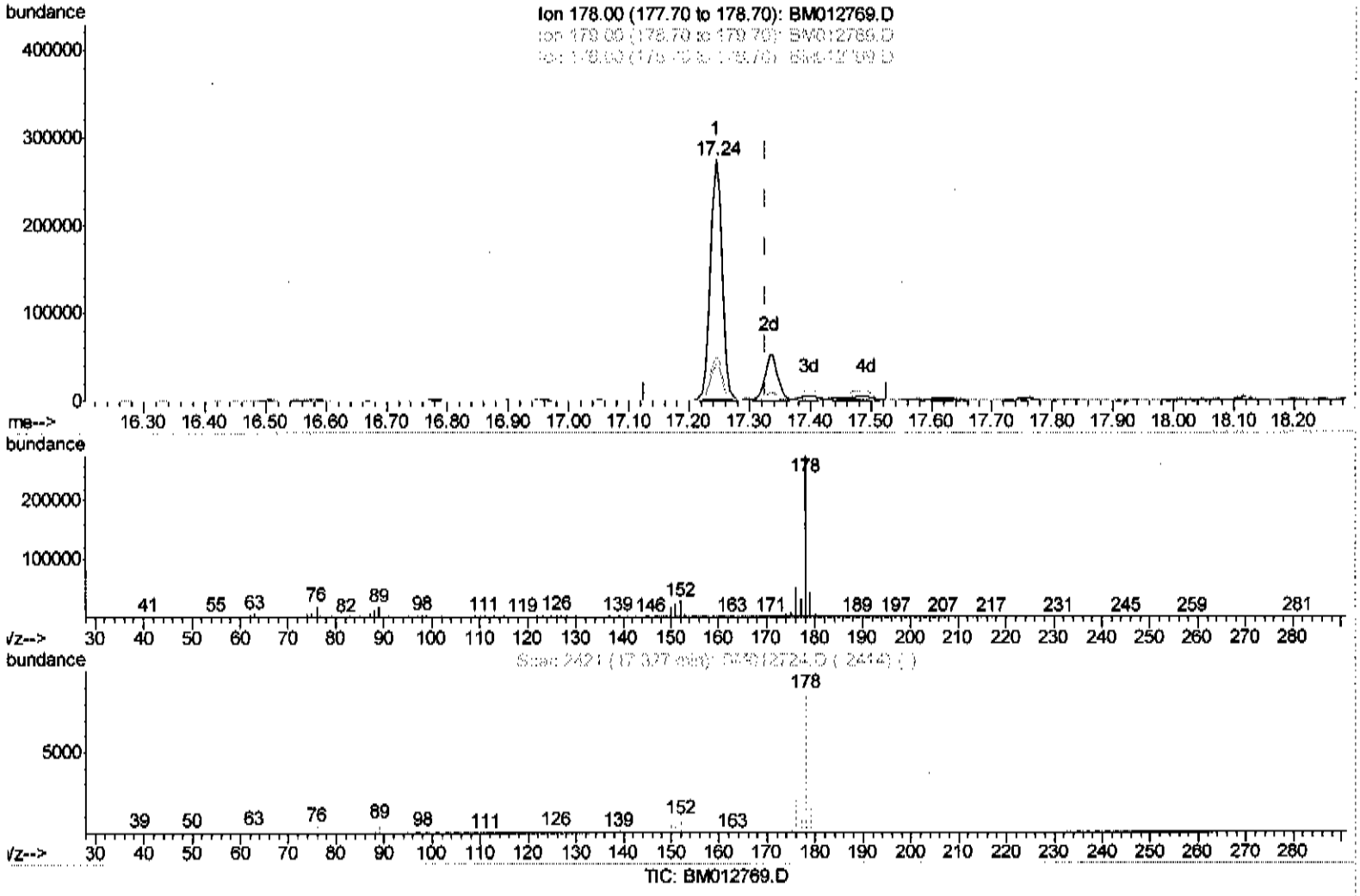
Ion	Exp%	Act%
252.00	100	100
253.00	21.60	25.48
125.00	10.20	11.10
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 07 03:46:38 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-12(0-1)-101317

Manual Integrations APPROVED
Sohil
11/7/2017 5:35:08 PM



TIC: BM012769.D

(71) Anthracene

17.245min (-0.082) 7.96ng/ul

response 368869

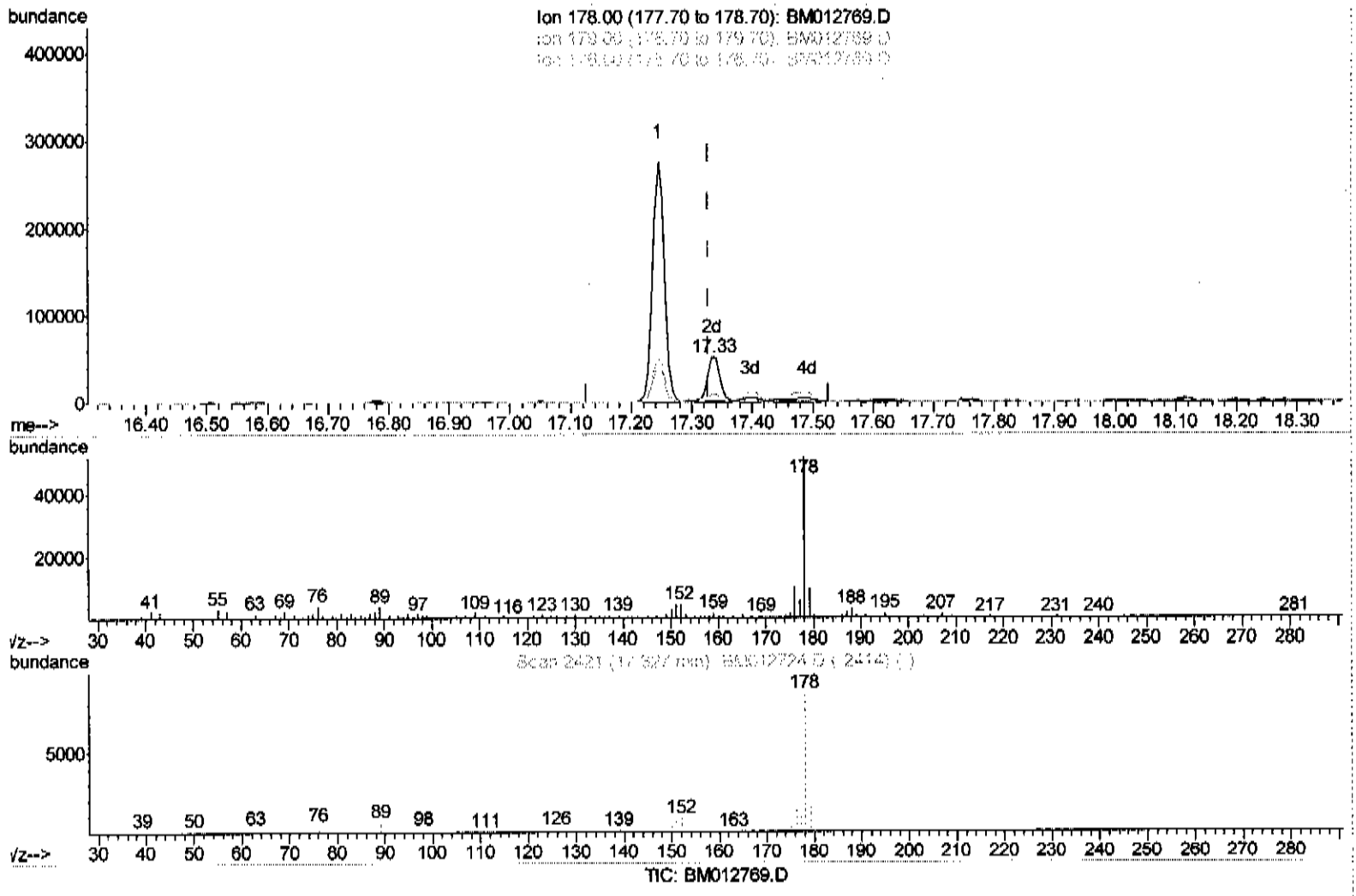
Ion	Exp%	Act%
178.00	100	100
179.00	15.10	15.10
176.00	18.50	18.37
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 07 03:46:38 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-12(0-1)-101317

Manual Integrations APPROVED
Sohil
11/7/2017 5:35:08 PM



(71) Anthracene

17.333min (+0.006) 1.53ng/ul m JU 11/7/17

response 70866

Ion	Exp%	Act%
178.00	100	100
179.00	15.10	18.69#
176.00	18.50	19.98
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012769.D
Acq On : 06 Nov 2017 09:21
Operator : SJ/JU
Sample : I5902-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-12(0-1)-101317

Manual Integrations APPROVED
Sohil
11/7/2017 5:35:08 PM

Quant Time: Nov 07 03:47:53 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	134846	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	565856	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	362015	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	818048	20.00	ng/ul	0.01
77) Chrysene-d12	21.39	240	655443	20.00	ng/ul	0.01
85) Perylene-d12	23.68	264	740640	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	12538	5.02	ng/uL	0.00
5) Phenol-d5	7.00	99	295013	29.40	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	156445	28.77	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	256936	30.74	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	246031	28.41	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	127425	30.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	137807	28.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	288914	29.46	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	206677	21.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	891633	29.76	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1136884	30.68	ng/ul	0.01
51) 4-Nitrophenol-d4	14.68	143	124055	25.84	ng/ul	0.02
57) Fluorene-d10	15.45	176	805444	31.39	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	21454	3.97	ng/ul	0.02
70) Anthracene-d10	17.30	188	1186838	30.03	ng/ul	0.01
78) Pyrene-d10	19.60	212	1082909	35.61	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.54	264	1090753	31.15	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.03	94	56274	5.46	ng/ul	97
28) Naphthalene	10.66	128	106989	3.78	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	39139	1.81	ng/ul	97
44) Dimethylphthalate	13.91	163	514186	17.30	ng/ul	99
60) 4-Nitroaniline	15.53	138	44611	7.64	ng/ul	97
69) Phenanthrene	17.24	178	368869	8.25	ng/ul	98
71) Anthracene	17.33	178	70866m	1.53	ng/ul	> JU 11/7/17
76) Fluoranthene	19.26	202	603305	11.23	ng/ul#	94
79) Pyrene	19.63	202	504624	12.90	ng/ul#	91
82) Benzo(a)anthracene	21.37	228	308272	7.77	ng/ul#	95
83) Bis(2-ethylhexyl)phthalate	21.29	149	27946	1.35	ng/ul#	84
84) Chrysene	21.42	228	374112	10.41	ng/ul#	94
87) Benzo(b)fluoranthene	22.99	252	554587	12.25	ng/ul	97
88) Benzo(k)fluoranthene	23.03	252	193086m	4.49	ng/ul	> JU 11/7/17
90) Benzo(a)pyrene	23.58	252	363284	8.44	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.01	276	325533	6.27	ng/ul#	86
92) Dibenzo(a,h)anthracene	26.00	278	90680	2.06	ng/ul#	65
93) Benzo(g,h,i)perylene	26.72	276	292095	6.83	ng/ul#	90

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