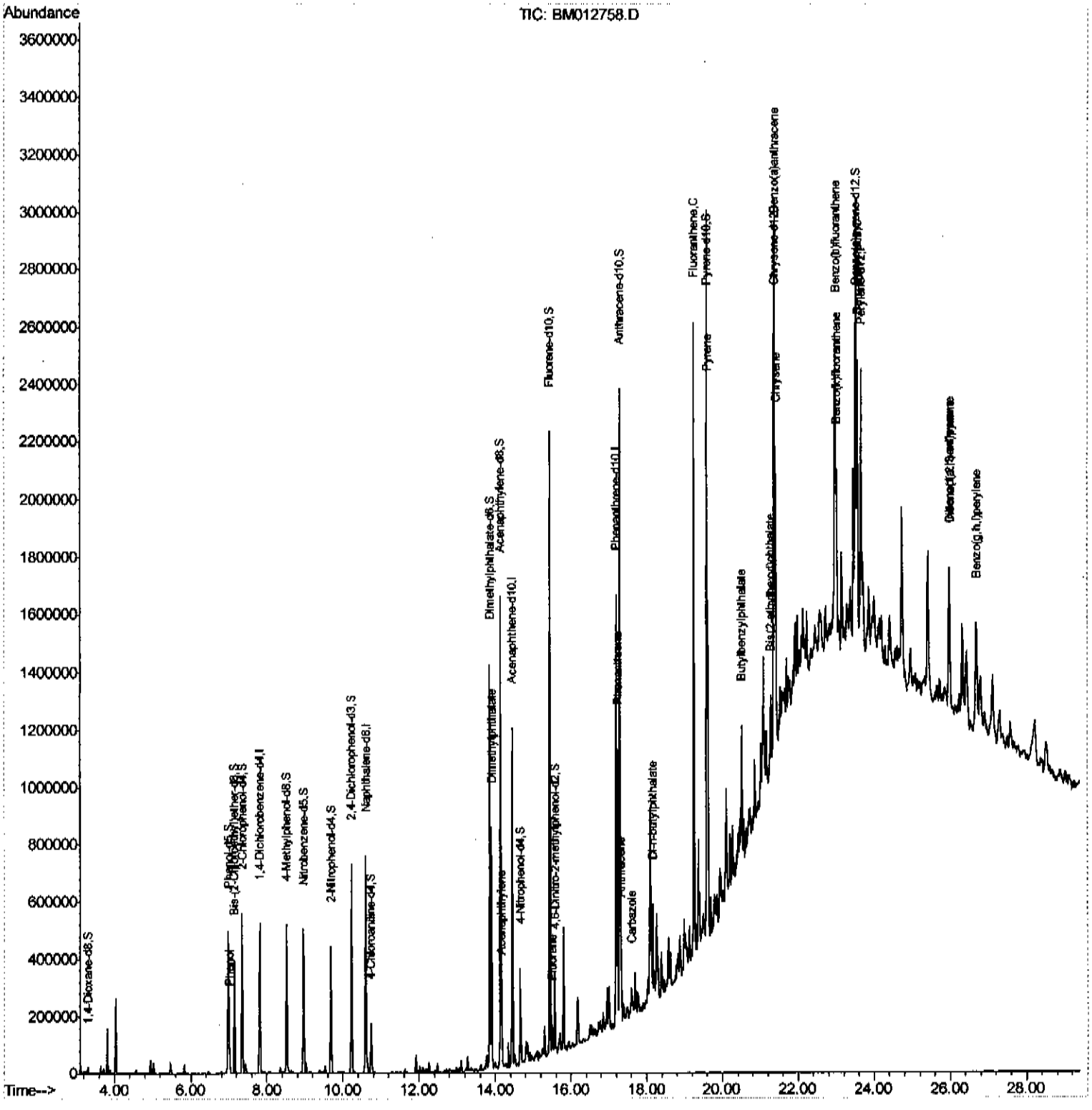
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012758.D
Acq On : 06 Nov 2017 02:48
Operator : SJ/JU
Sample : I5829-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 06 07:30:07 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-64(1.5-2.5)-101117

Manual Integrations APPROVED
Sohil
11/6/2017 4:28:53 PM

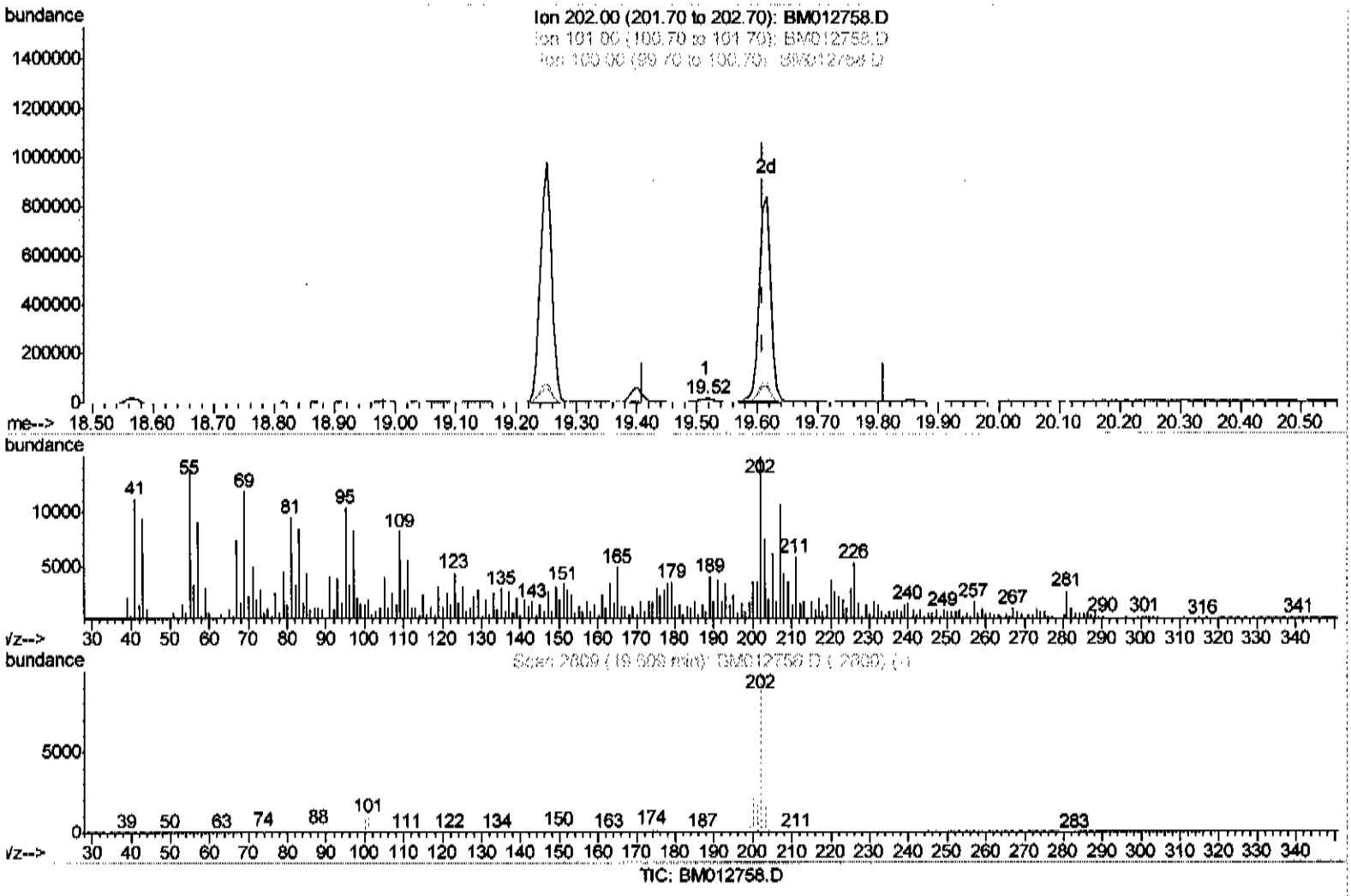


Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012758.D
Acq On : 06 Nov 2017 02:48
Operator : SJ/JU
Sample : I5829-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 06 07:23:18 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-64(1.5-2.5)-101117

Manual Integrations APPROVED
Sohil
11/6/2017 4:28:53 PM



TIC: BM012758.D

(79) Pyrene

19.515min (-0.094) 0.46ng/ul

response 18796

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	13.22
100.00	10.60	9.90
0.00	0.00	0.00

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BNA_M
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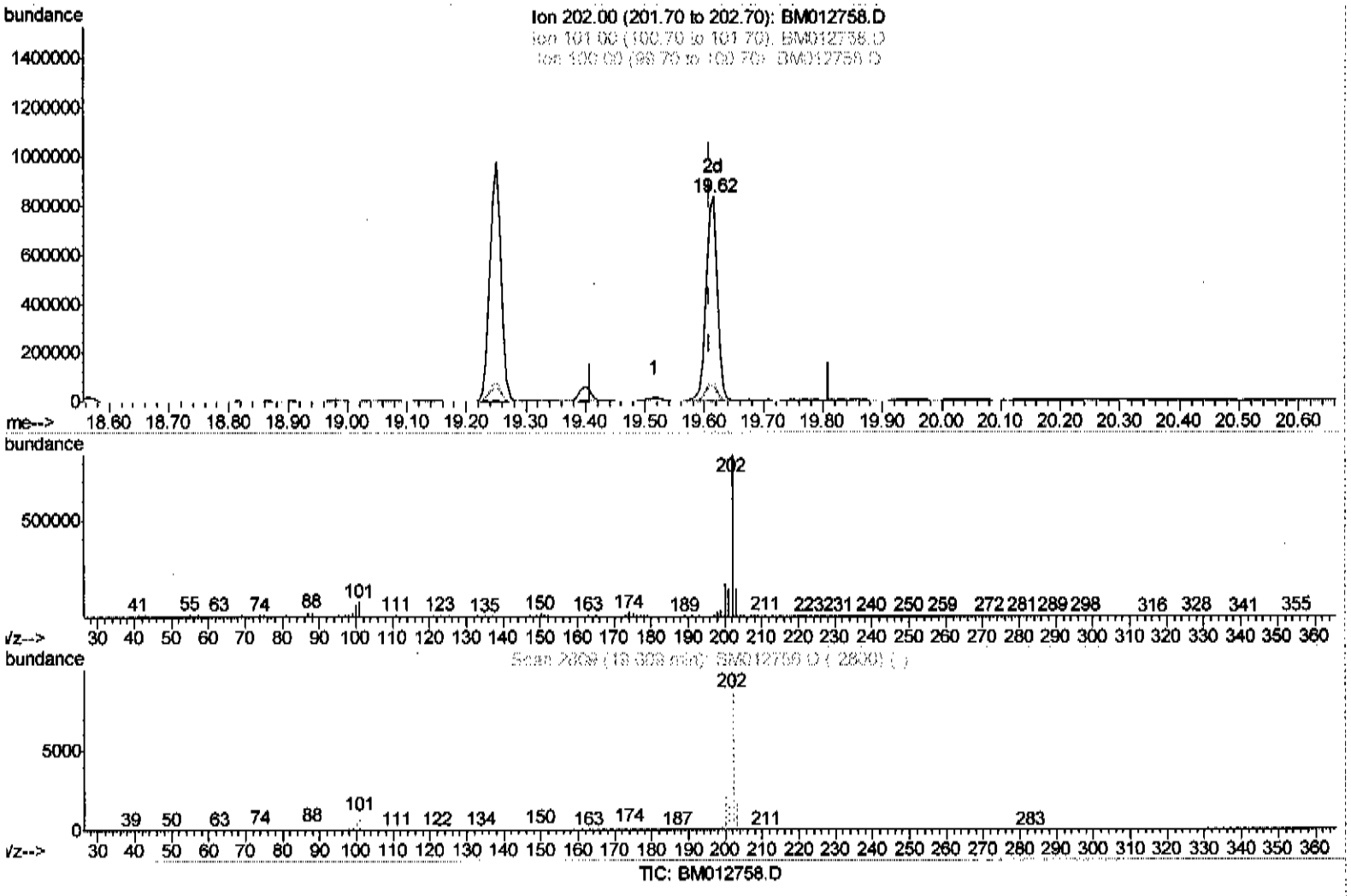
Manual Integrations APPROVED
Sohil
11/6/2017 4:28:53 PM



(79) Pyrene

19.615min (+0.006) 26.90ng/ul m JU 11/7/17

response 1108315

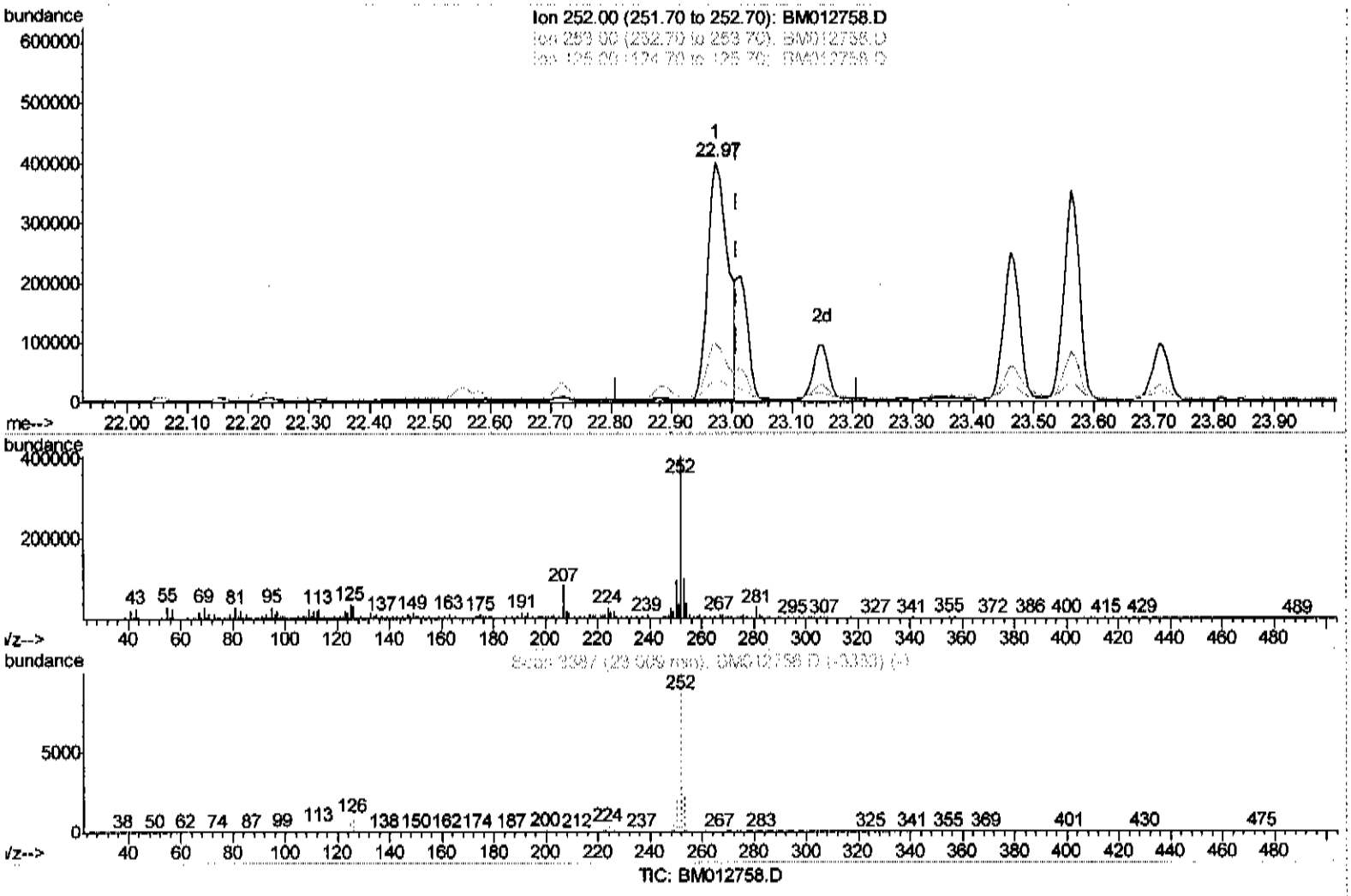
Ion	Exp%	Act%
202.00	100	100
101.00	12.70	9.49#
100.00	10.60	7.58#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012758.D
Acq On : 06 Nov 2017 02:48
Operator : SJ/JU
Sample : I5829-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 06 07:23:18 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-64(1.5-2.5)-101117

Manual Integrations APPROVED
Sohil
11/6/2017 4:28:53 PM



(88) Benzo(k)fluoranthene

22.974min (-0.035) 21.37ng/ul

response 915575

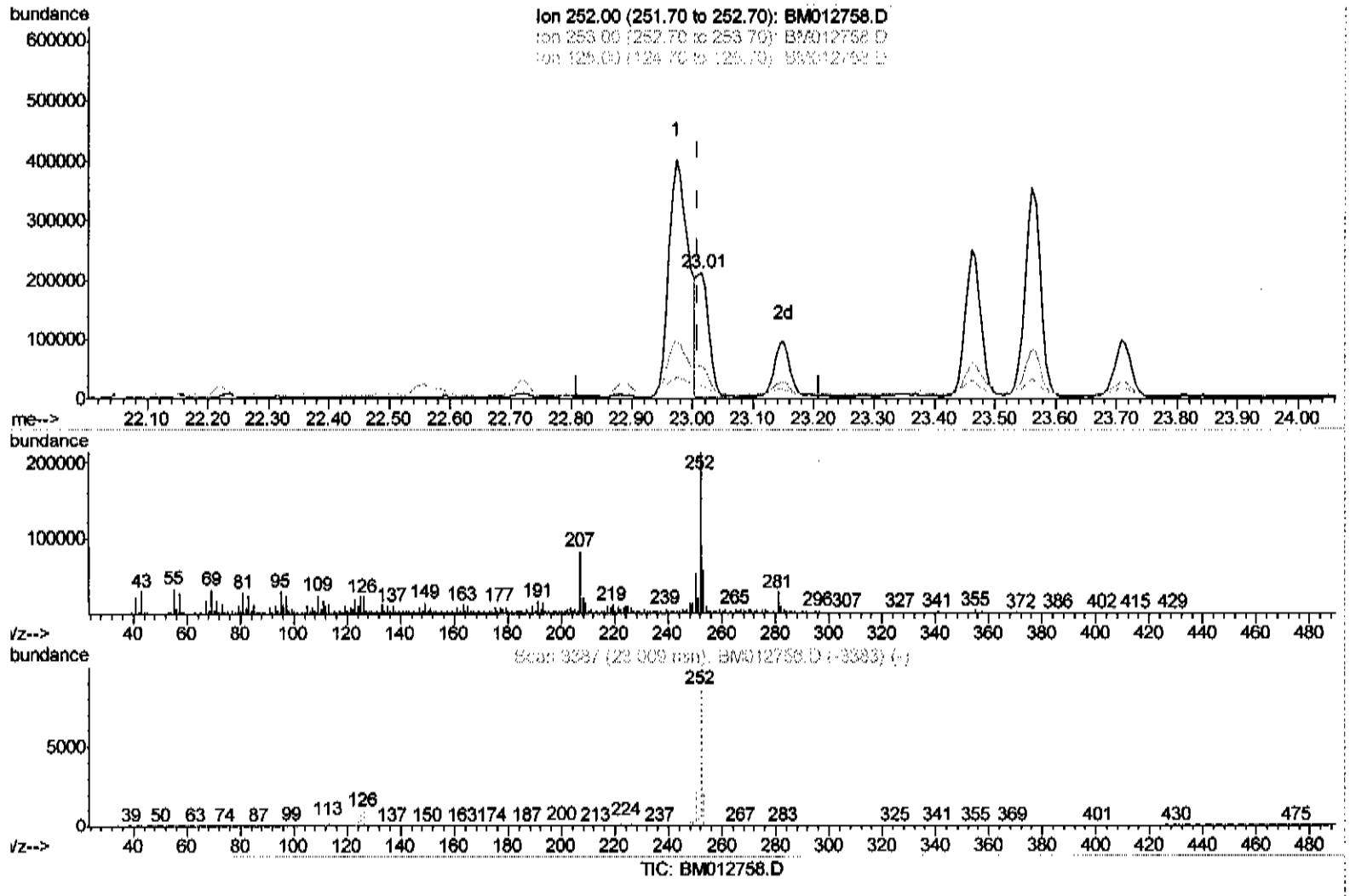
Ion	Exp%	Act%
252.00	100	100
253.00	21.60	24.50
125.00	10.20	8.91
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012758.D
Acq On : 06 Nov 2017 02:48
Operator : SJ/JU
Sample : I5829-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 06 07:23:18 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-64(1.5-2.5)-101117

Manual Integrations APPROVED
Sohil
11/6/2017 4:28:53 PM



(88) Benzo(k)fluoranthene

23.015min (+0.006) 6.61ng/ul m JU 11/3/17

response 283262

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	26.58#
125.00	10.20	10.11
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012758.D
Acq On : 06 Nov 2017 02:48
Operator : SJ/JU
Sample : I5829-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-64(1.5-2.5)-101117

Manual Integrations APPROVED
Sohil
11/6/2017 4:28:53 PM

Quant Time: Nov 06 07:30:07 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	7.81	152	146476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	620987	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	389470	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	865674	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	690575	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	737697	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	11435	4.22	ng/uL	0.00
5) Phenol-d5	6.99	99	296561	27.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	163449	27.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	254751	28.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	204219	21.71	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	130966	28.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	147703	28.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	293459	27.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	101576	9.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	941496	29.21	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1175035	29.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	85742	16.60	ng/ul	0.00
57) Fluorene-d10	15.44	176	855282	30.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	70595	12.35	ng/ul	0.00
70) Anthracene-d10	17.29	188	1268808	30.34	ng/ul	0.00
78) Pyrene-d10	19.59	212	1170471	36.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	1071427	30.72	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.01	94	44667	3.99	ng/ul#	90
44) Dimethylphthalate	13.90	163	517092	16.17	ng/ul	99
47) Acenaphthylene	14.17	152	135637	3.51	ng/ul	98
58) Fluorene	15.50	166	39036	1.22	ng/ul	98
69) Phenanthrene	17.23	178	591236	12.50	ng/ul	99
71) Anthracene	17.33	178	181511	3.70	ng/ul	99
74) Carbazole	17.59	167	50379	1.23	ng/ul	96
75) Di-n-butylphthalate	18.16	149	236458	4.93	ng/ul	100
76) Fluoranthene	19.25	202	1275607	22.43	ng/ul#	92
79) Pyrene	19.62	202	1108315m	26.90	ng/ul	> SJ 11/7/17
80) Butylbenzylphthalate	20.51	149	30872	2.05	ng/ul#	94
82) Benzo(a)anthracene	21.36	228	635922	15.22	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.29	149	77605	3.55	ng/ul#	90
84) Chrysene	21.41	228	594433	15.70	ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	915575	20.31	ng/ul	95
88) Benzo(k)fluoranthene	23.01	252	283262m	6.61	ng/ul	> SJ 11/7/17
90) Benzo(a)pyrene	23.56	252	631432	14.72	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.98	276	506013	9.79	ng/ul#	87
92) Dibenzo(a,h)anthracene	25.99	278	139346	3.18	ng/ul#	90
93) Benzo(g,h,i)perylene	26.69	276	455259	10.69	ng/ul#	92

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