Data Path : Z:\HPCHEM1\BNA_M\Data\BM111017\
Data File : BM012862.D
Acq On : 10 Nov 2017 14:17
Operator : SJ/JU
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 10 14:57:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 14:08:02 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08014

Manual Integrations APPROVED
SOHIL
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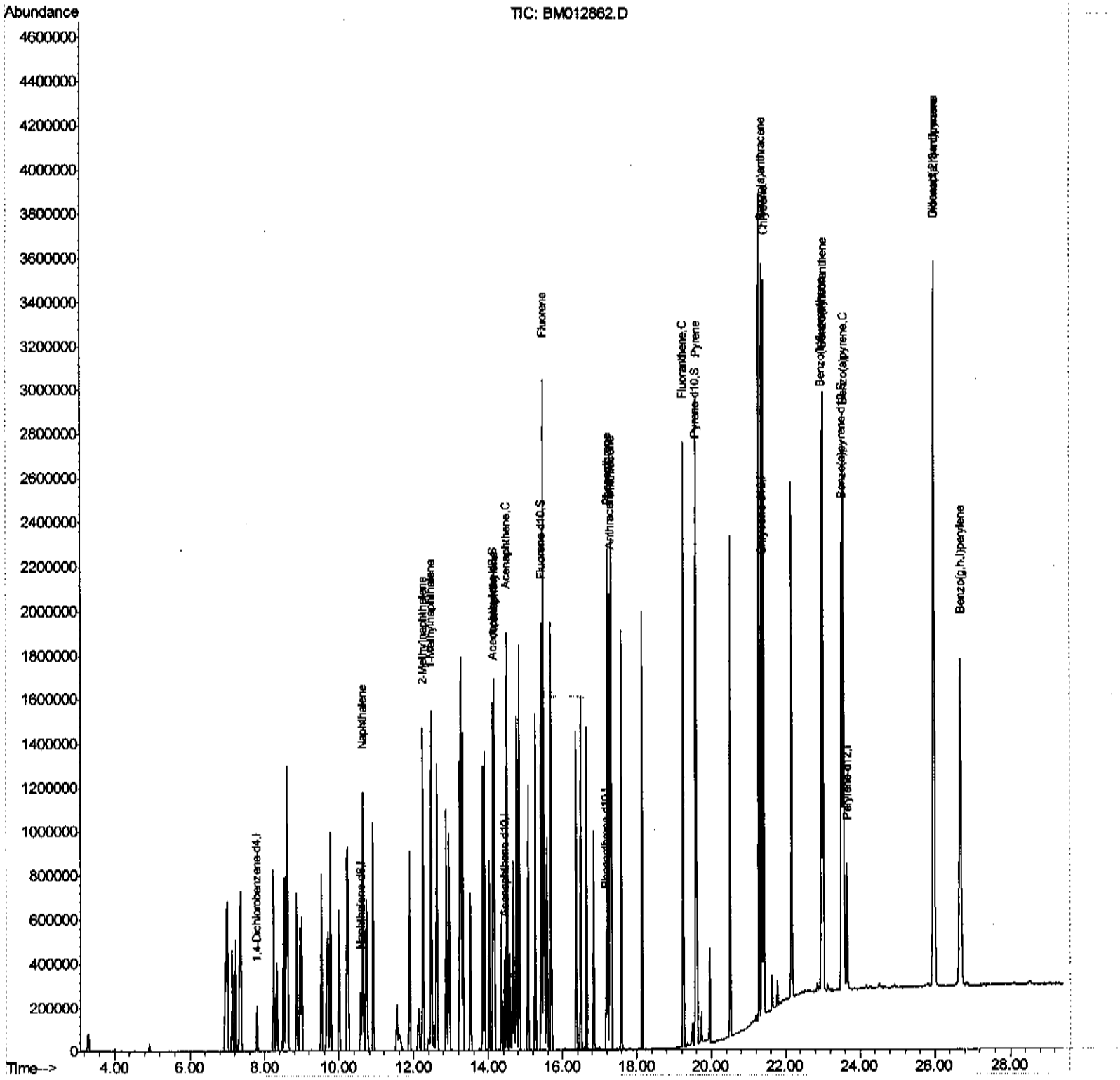

Data Path : Z:\HPCHEM1\BNA_M\Data\BM111017\
Data File : BM012862.D
Acq On : 10 Nov 2017 14:17
Operator : SJ/JU
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 10 14:55:29 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 14:08:02 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08014

Manual Integrations APPROVED
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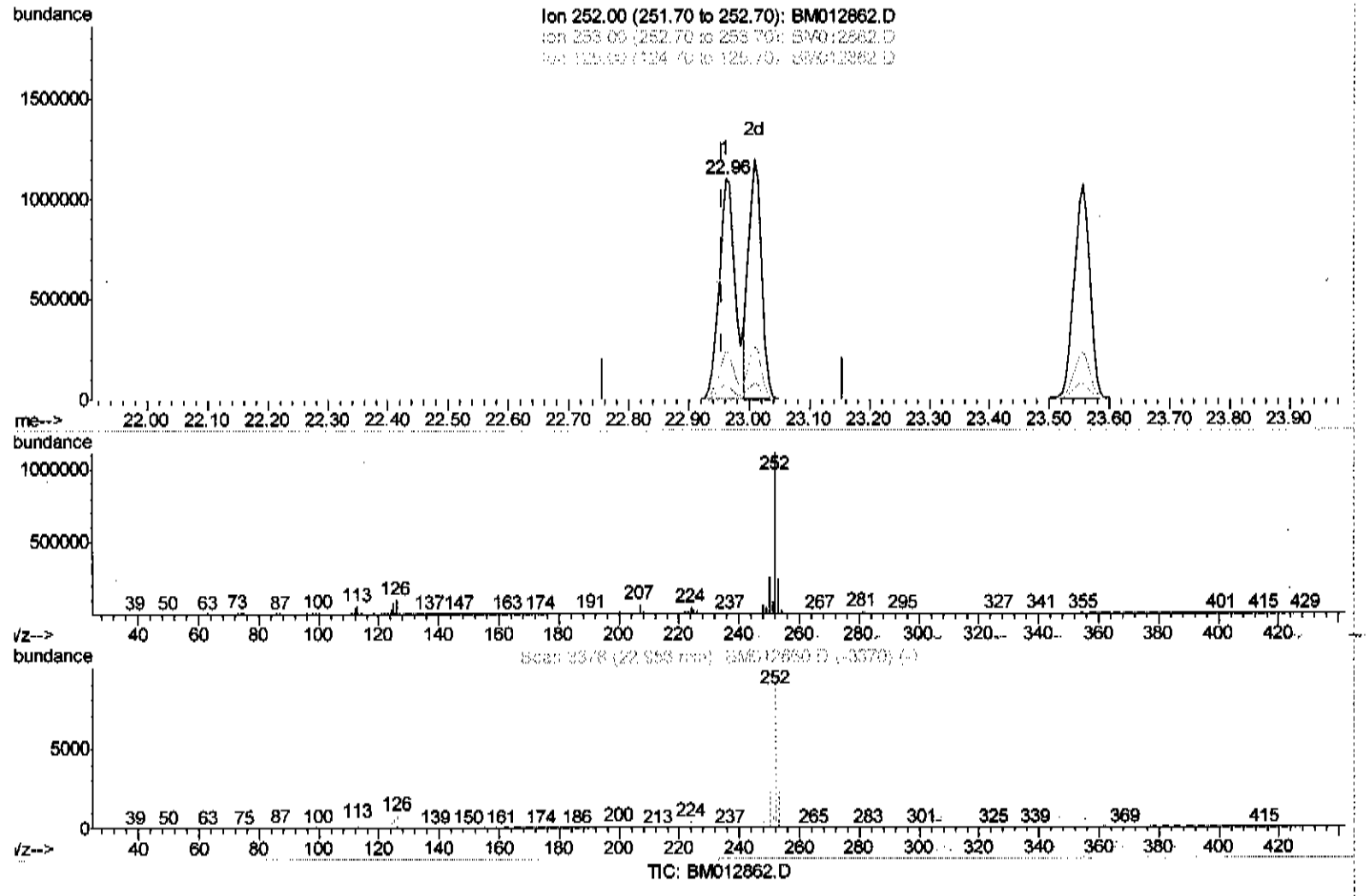

(23) Benzo(b)fluoranthene

22.962min (+0.006) 85.62ng/ul

response 2109803

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.94
125.00	10.00	7.14#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM111017\
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QLast Update : Fri Nov 10 14:08:02 2017
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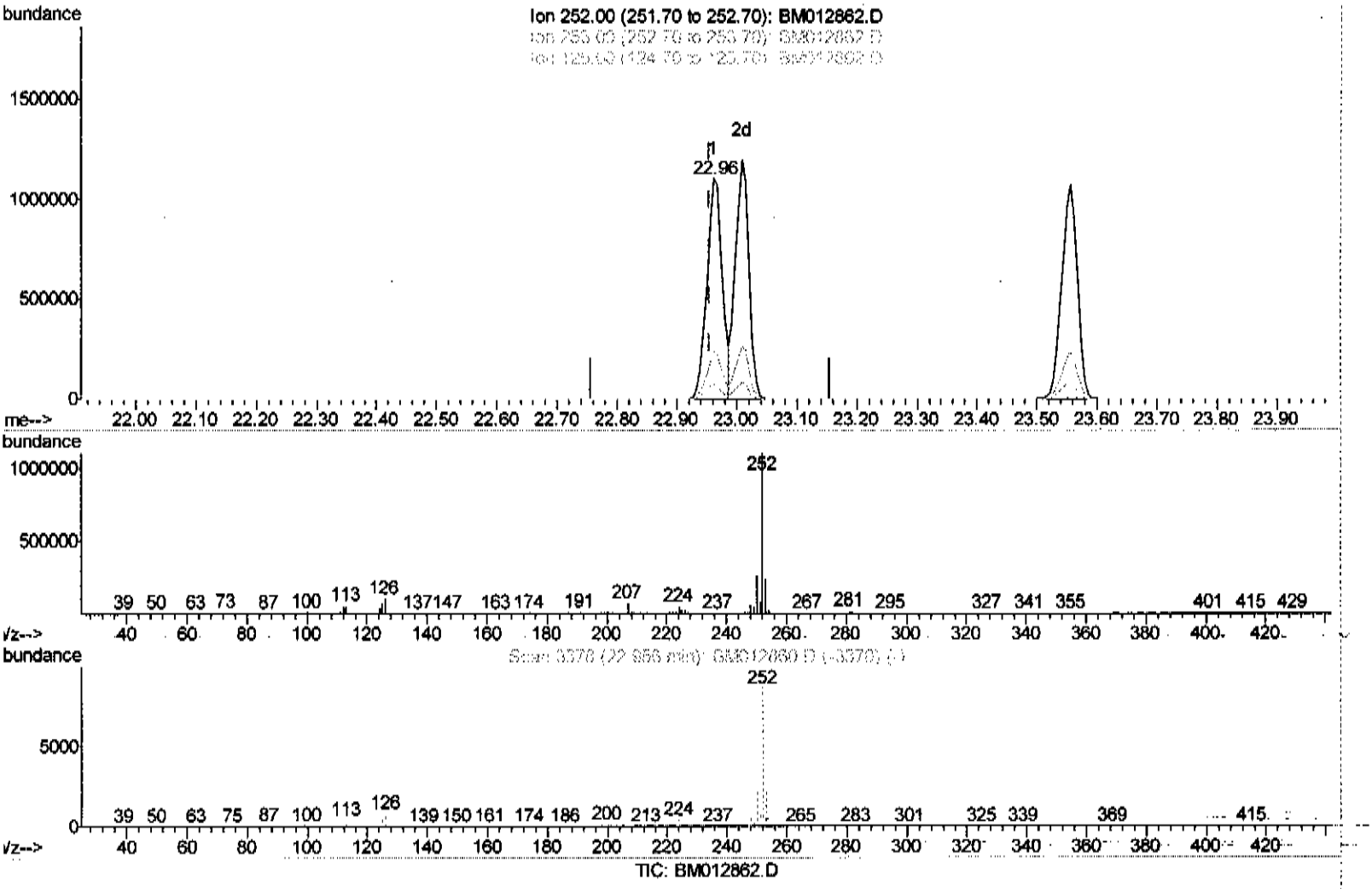
BNA_M
ClientSampleId :
SSTD08014

Manual Integrations APPROVED
SOHIL
11/13/2017 4:51:08 PM



TIC: BM012862.D

(23) Benzo(b)fluoranthene

22.962min (+0.006) 80.41ng/ul m

response 1981328

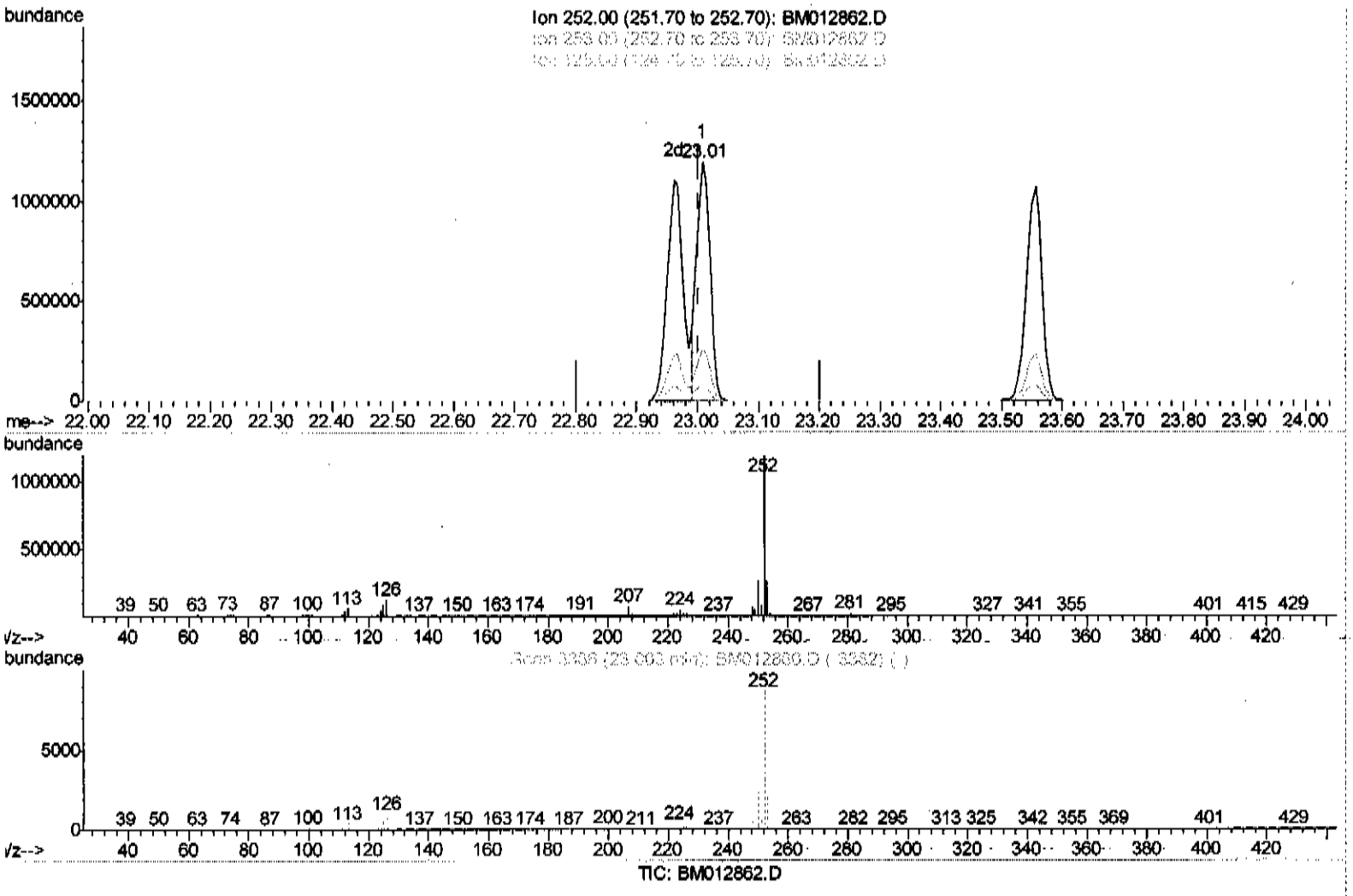
Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.94
125.00	10.00	7.14#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM111017\
Data File : BM012862.D
Acq On : 10 Nov 2017 14:17
Operator : SJ/JU
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 10 14:55:29 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 14:08:02 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08014

Manual Integrations APPROVED
SOHIL
11/13/2017 4:51:08 PM



(24) Benzo(k)fluoranthene

23.009min (+0.006) 73.09ng/ul

response 1757705

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.95
125.00	10.10	6.90#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM111017\
Data File : BM012862.D
Acq On : 10 Nov 2017 14:17
Operator : SJ/JU
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 10 14:55:29 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 14:08:02 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08014

Manual Integrations APPROVED
SOHIL
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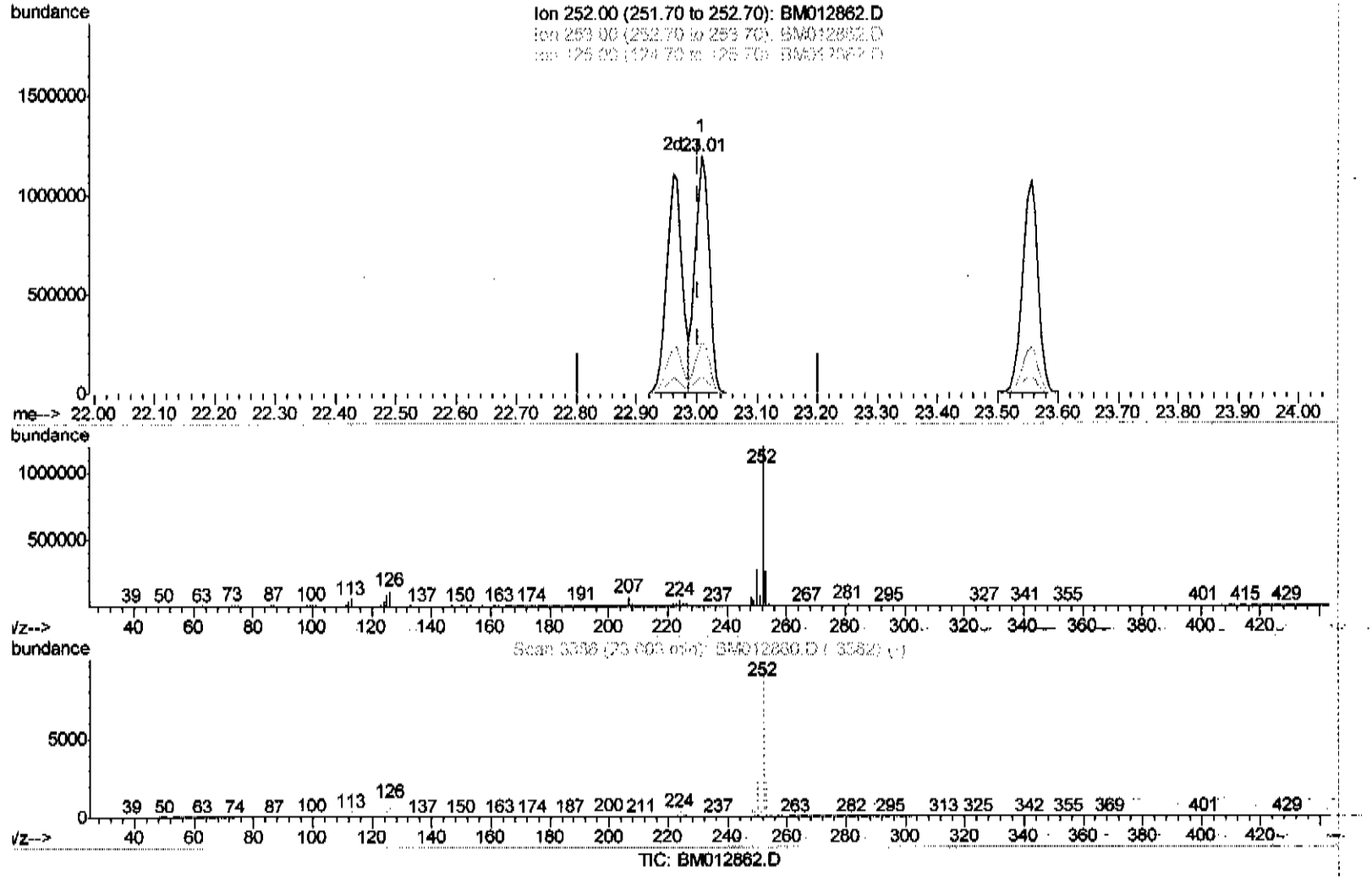

TIC: BM012862.D

(24) Benzo(k)fluoranthene

23.009min (+0.006) 78.96ng/ul m

response 1898916

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.95
125.00	10.10	6.90#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM111017\
Data File : BM012862.D
Acq On : 10 Nov 2017 14:17
Operator : SJ/JU
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 10 14:57:11 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 14:08:02 2017
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Instrument : BNA_M
ClientSampleId : SSTD08014

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	59186	20.00	ng/ul	0.00
2) Naphthalene-d8	10.58	136	233738	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.43	164	139178	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.18	188	315302	20.00	ng/ul	0.00
17) Chrysene-d12	21.37	240	372782	20.00	ng/ul	0.00
22) Perylene-d12	23.64	264	411883	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.13	160	1172672	81.01	ng/ul	0.00
10) Fluorene-d10	15.43	176	793594	75.59	ng/ul	0.00
14) Anthracene-d10	17.29	188	1238006	81.06	ng/ul	0.00
18) Pyrene-d10	19.57	212	1372597	71.97	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.50	264	1570909	79.61	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.63	128	955468	78.522	ng/ul	100
4) 2-Methylnaphthalene	12.25	142	710013	76.879	ng/ul	98
5) 1-Methylnaphthalene	12.47	142	692579	78.575	ng/ul#	94
8) Acenaphthylene	14.16	152	1134863	81.434	ng/ul	98
9) Acenaphthene	14.50	153	759847	80.114	ng/ul	96
11) Fluorene	15.49	166	906464	81.661	ng/ul	95
13) Phenanthrene	17.23	178	1417259	84.270	ng/ul	100
15) Anthracene	17.32	178	1472524	85.583	ng/ul	99
16) Fluoranthene	19.24	202	1720946	87.291	ng/ul#	90
19) Pyrene	19.61	202	1765239	75.965	ng/ul#	91
20) Benzo(a)anthracene	21.35	228	1829877	83.350	ng/ul	100
21) Chrysene	21.40	228	1646427	81.900	ng/ul	99
23) Benzo(b)fluoranthene	22.96	252	1981328m	80.410	ng/ul	
24) Benzo(k)fluoranthene	23.01	252	1898916m	78.961	ng/ul	
26) Benzo(a)pyrene	23.56	252	1930480	80.661	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.98	276	2450444	90.214	ng/ul	96
28) Dibenzo(a,h)anthracene	25.98	278	2067024	91.909	ng/ul#	96
29) Benzo(g,h,i)perylene	26.69	276	2052972	91.655	ng/ul#	95

JU 11/13/17

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