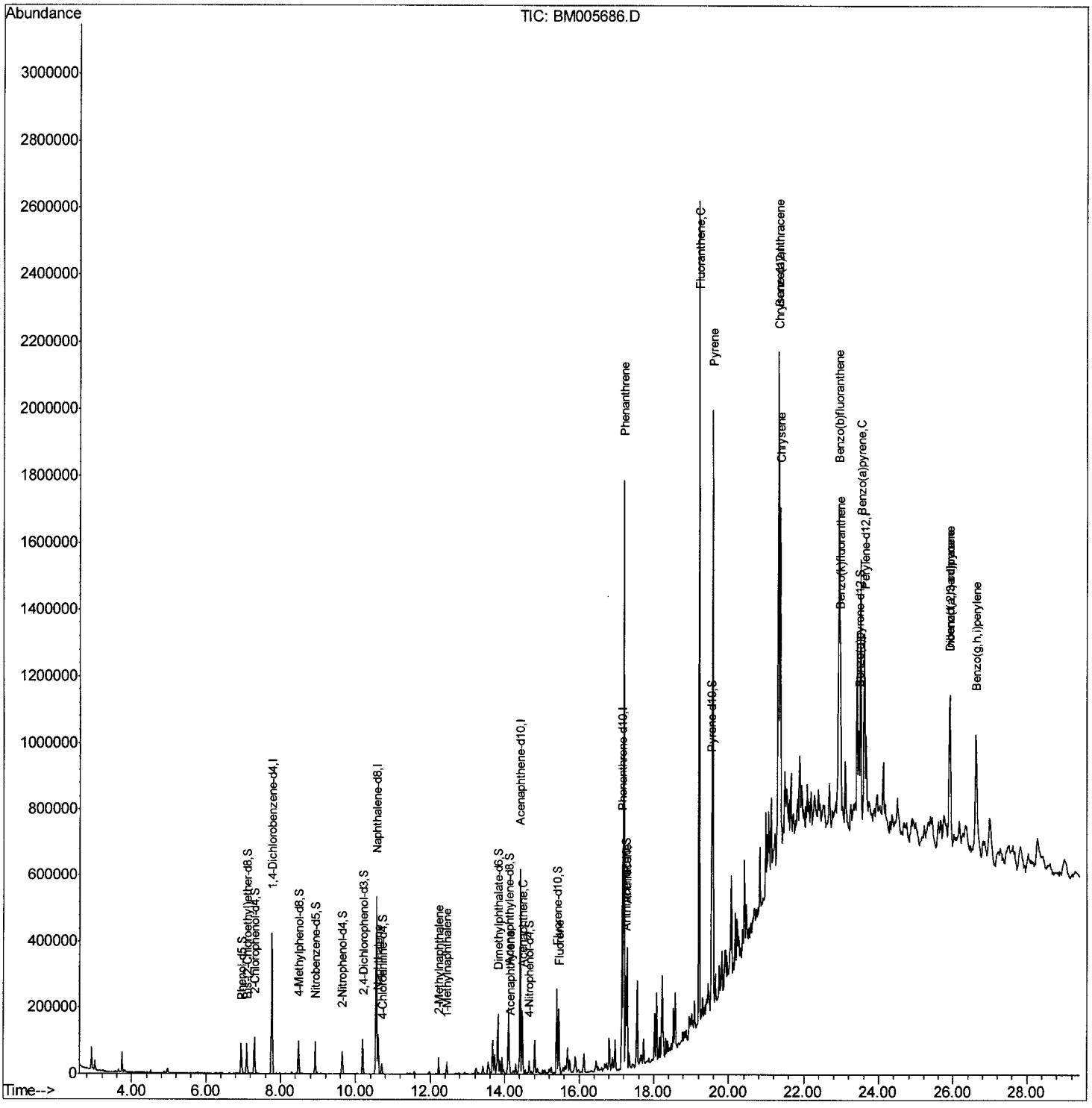
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005686.D
Acq On : 07 Jun 2016 01:11
Operator : UM/SJ
Sample : H3412-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 07 05:20:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9XS9

Manual Integrations APPROVED
sohil
6/7/2016 7:14:11 PM



Quantitation Report (Qedit)

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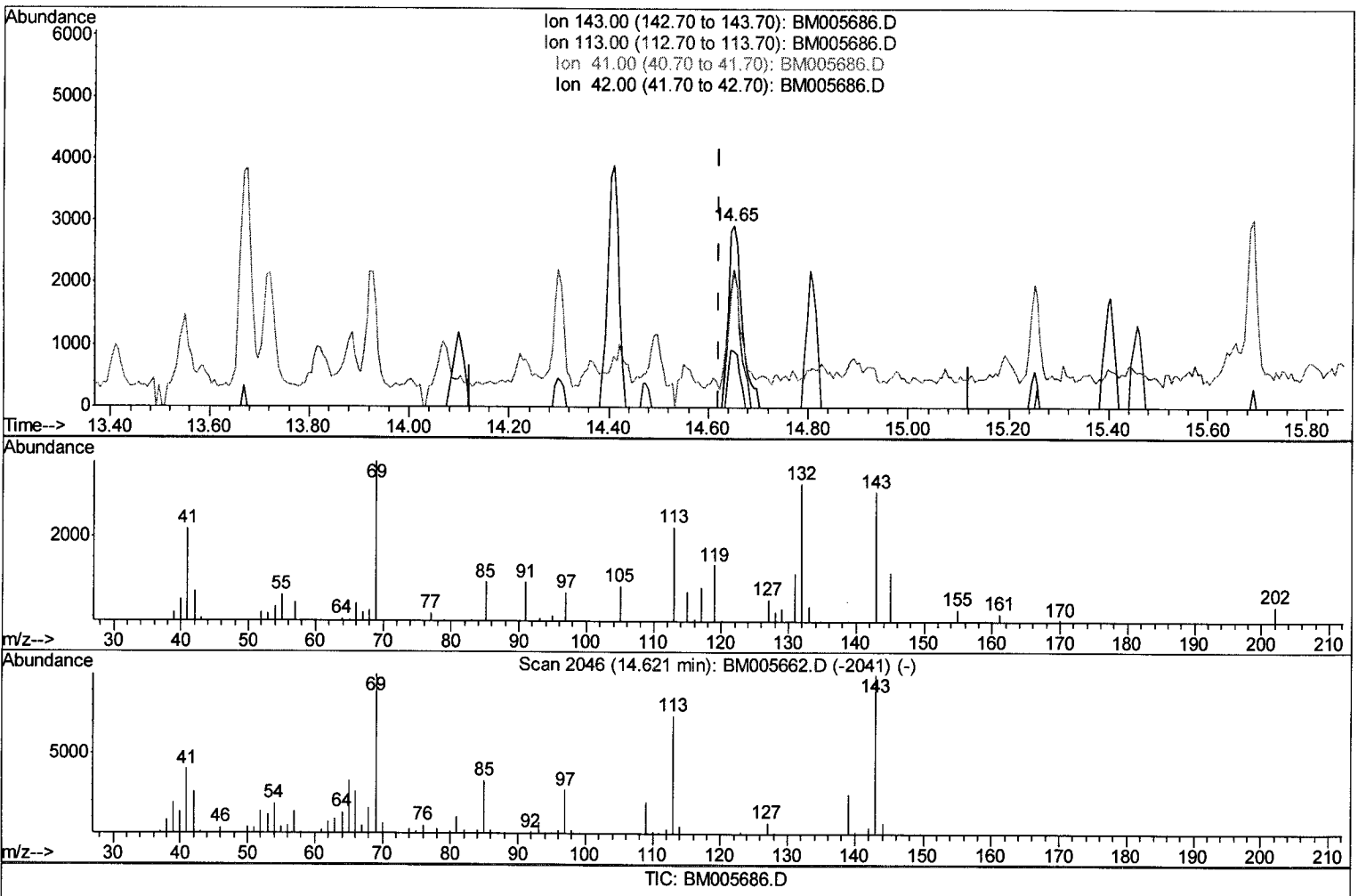

TIC: BM005686.D

(20) 4-Nitrophenol-d4 (S)

14.651min (+0.029) 2.63ng/ul m U.M 06/08/16

response 5703

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	75.32#
41.00	49.70	73.86#
42.00	33.70	30.88

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BNA_M
ClientSampleId :
D9XS9

Manual Integrations APPROVED
sohil
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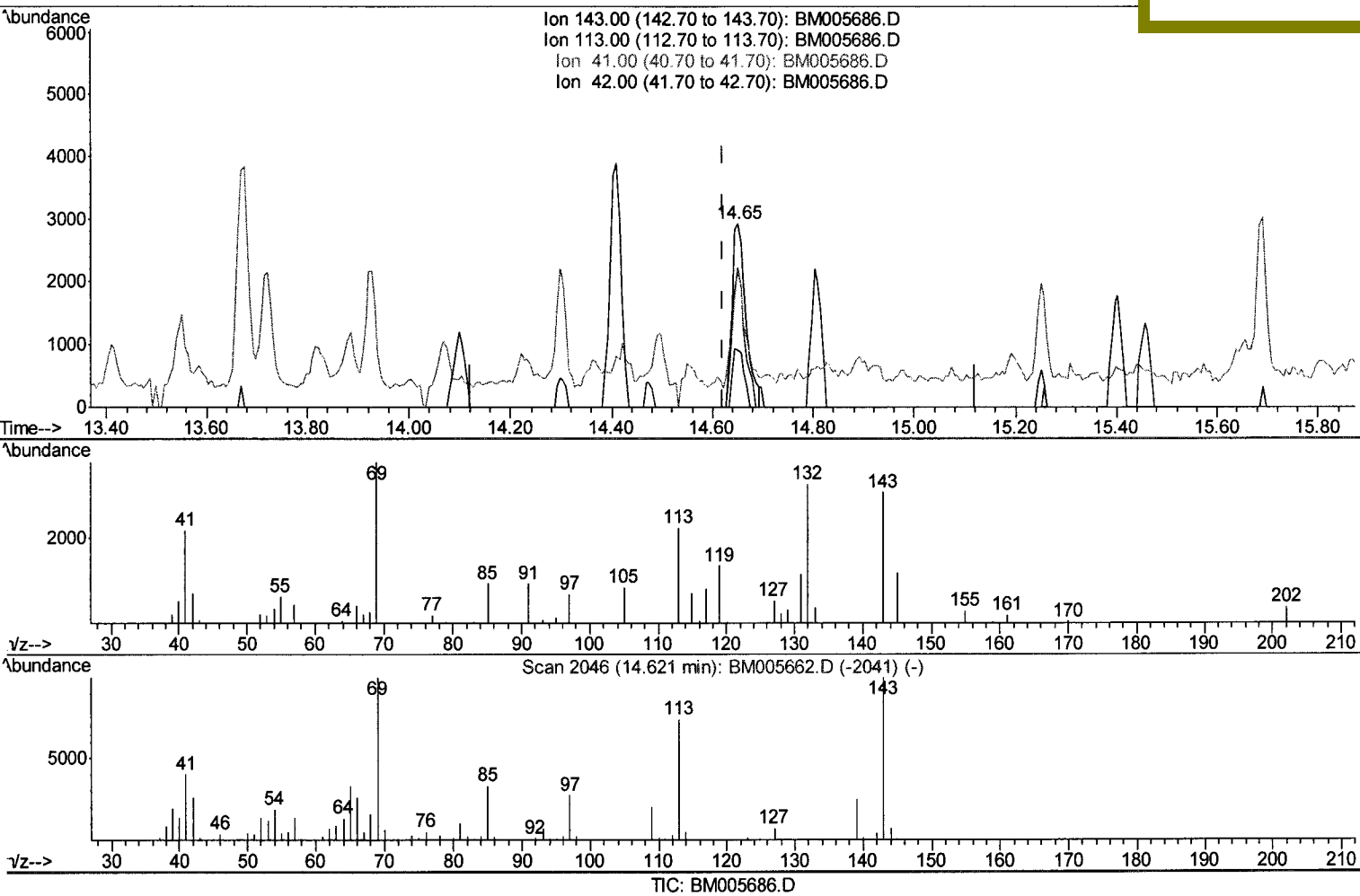

TIC: BM005686.D

(20) 4-Nitrophenol-d4 (S)

14.651min (+0.029) 2.58ng/ul

response 5591

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	75.32#
41.00	49.70	73.86#
42.00	33.70	30.88

Quantitation Report (Qedit)

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Misc :
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Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : D9XS9

Manual Integrations APPROVED
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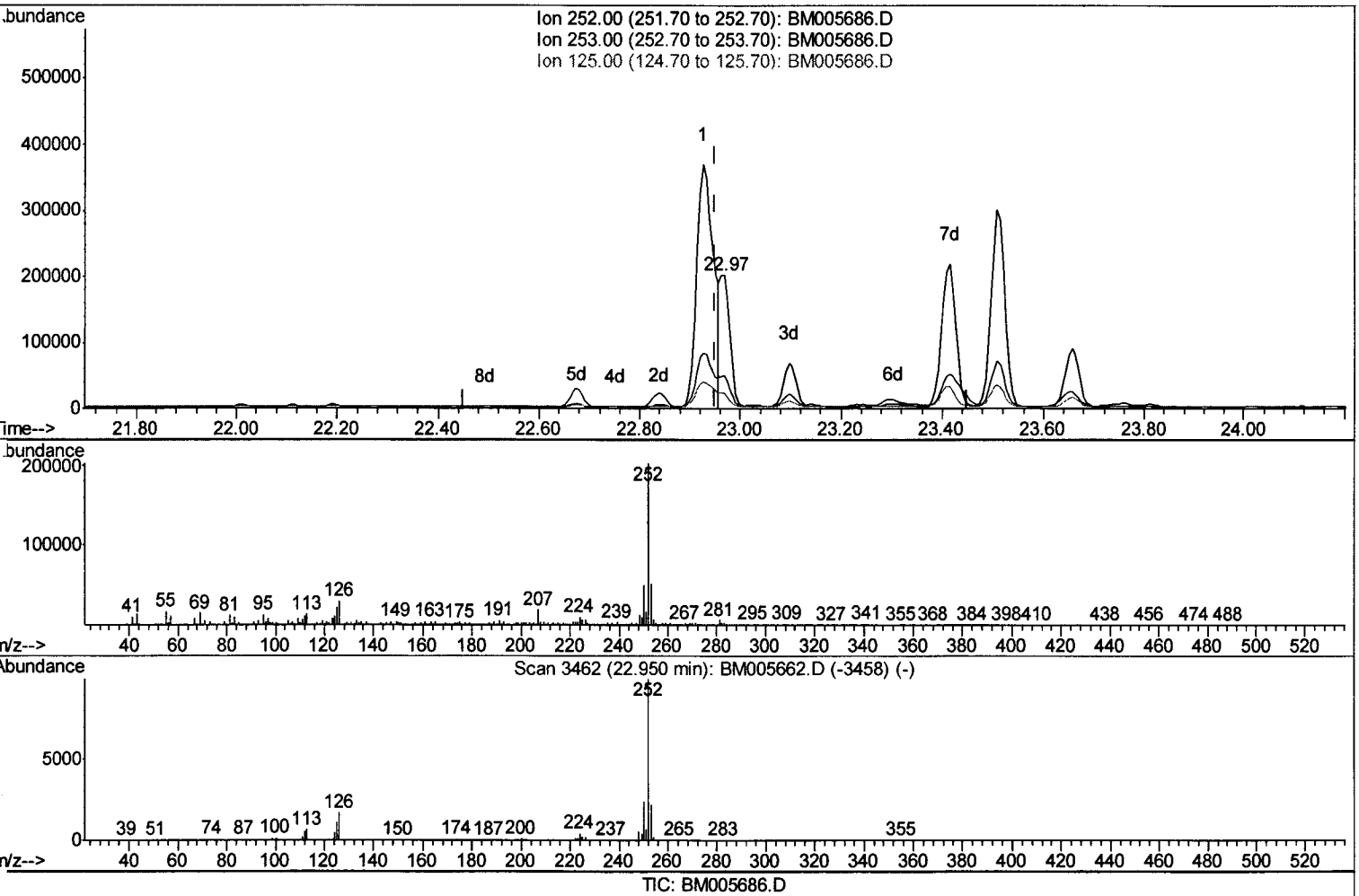

TIC: BM005686.D

(36) Benzo(k)fluoranthene

22.968min (+0.018) 11.66ng/ul m U.M 06/08/16

response 277047

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	25.24
125.00	9.60	11.41
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
ClientSampleId :
D9XS9

Manual Integrations APPROVED
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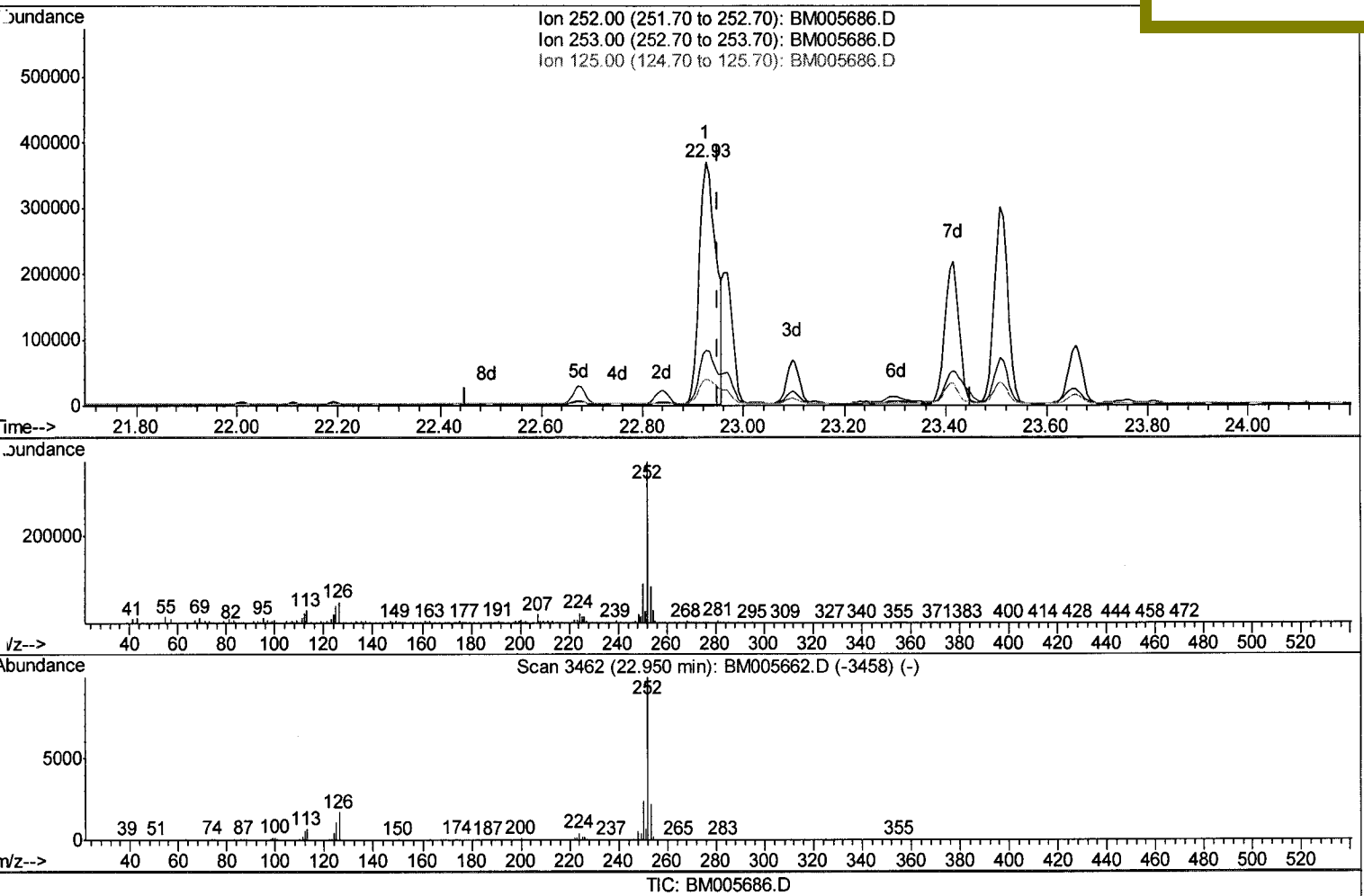

TIC: BM005686.D

(36) Benzo(k)fluoranthene

22.927min (-0.024) 35.73ng/ul

response 849289

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.88
125.00	9.60	10.83
0.00	0.00	0.00

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ClientSampleId : D9XS9

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	115740	20.00	ng/ul	0.01
7) Naphthalene-d8	10.56	136	447653	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.41	164	197232	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.16	188	382173	20.00	ng/ul	0.01
29) Chrysene-d12	21.34	240	385371	20.00	ng/ul	0.01
34) Perylene-d12	23.61	264	420053	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.22	96	1576	0.57	ng/uL	0.00
3) Phenol-d5	6.95	99	55199	5.43	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.10	67	42069	6.79	ng/ul	0.00
5) 2-Chlorophenol-d4	7.30	132	51876	6.18	ng/ul	0.01
6) 4-Methylphenol-d8	8.48	113	39157	4.87	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	23986	6.98	ng/ul	0.00
9) 2-Nitrophenol-d4	9.65	143	22400	6.09	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.19	165	39881	6.10	ng/ul	0.01
12) 4-Chloroaniline-d4	10.70	131	19005	2.45	ng/ul	0.02
16) Dimethylphthalate-d6	13.82	166	114285	7.54	ng/ul	0.00
17) Acenaphthylene-d8	14.10	160	146081	7.41	ng/ul	0.01
20) 4-Nitrophenol-d4	14.65	143	5703m	2.63	ng/ul	0.03
21) Fluorene-d10	15.40	176	98126	7.53	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
26) Anthracene-d10	17.25	188	139287	7.67	ng/ul	0.00
30) Pyrene-d10	19.54	212	147208	7.60	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.46	264	147225	7.62	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.60	128	100059	4.40	ng/ul	99
13) 2-Methylnaphthalene	12.22	142	24207	1.53	ng/ul	98
14) 1-Methylnaphthalene	12.44	142	19590	1.26	ng/ul#	89
18) Acenaphthylene	14.13	152	31660	1.55	ng/ul	96
19) Acenaphthene	14.47	153	75215	5.68	ng/ul	95
22) Fluorene	15.46	166	80459	5.61	ng/ul	96
25) Phenanthrene	17.20	178	1006342	47.70	ng/ul	98
27) Anthracene	17.29	178	223341	10.42	ng/ul	100
28) Fluoranthene	19.22	202	1445446	67.04	ng/ul	99
31) Pyrene	19.58	202	1139441	46.86	ng/ul	97
32) Benzo(a)anthracene	21.32	228	619948	27.43	ng/ul	97
33) Chrysene	21.37	228	554507	25.96	ng/ul	96
35) Benzo(b)fluoranthene	22.93	252	849289	33.53	ng/ul	99
36) Benzo(k)fluoranthene	22.97	252	277047m	11.66	ng/ul	
38) Benzo(a)pyrene	23.51	252	564256	23.14	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.91	276	428019	14.84	ng/ul	95
40) Dibenzo(a,h)anthracene	25.91	278	111212	4.59	ng/ul#	82
41) Benzo(g,h,i)perylene	26.61	276	409832	16.93	ng/ul#	94

U.M 06/08/16

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