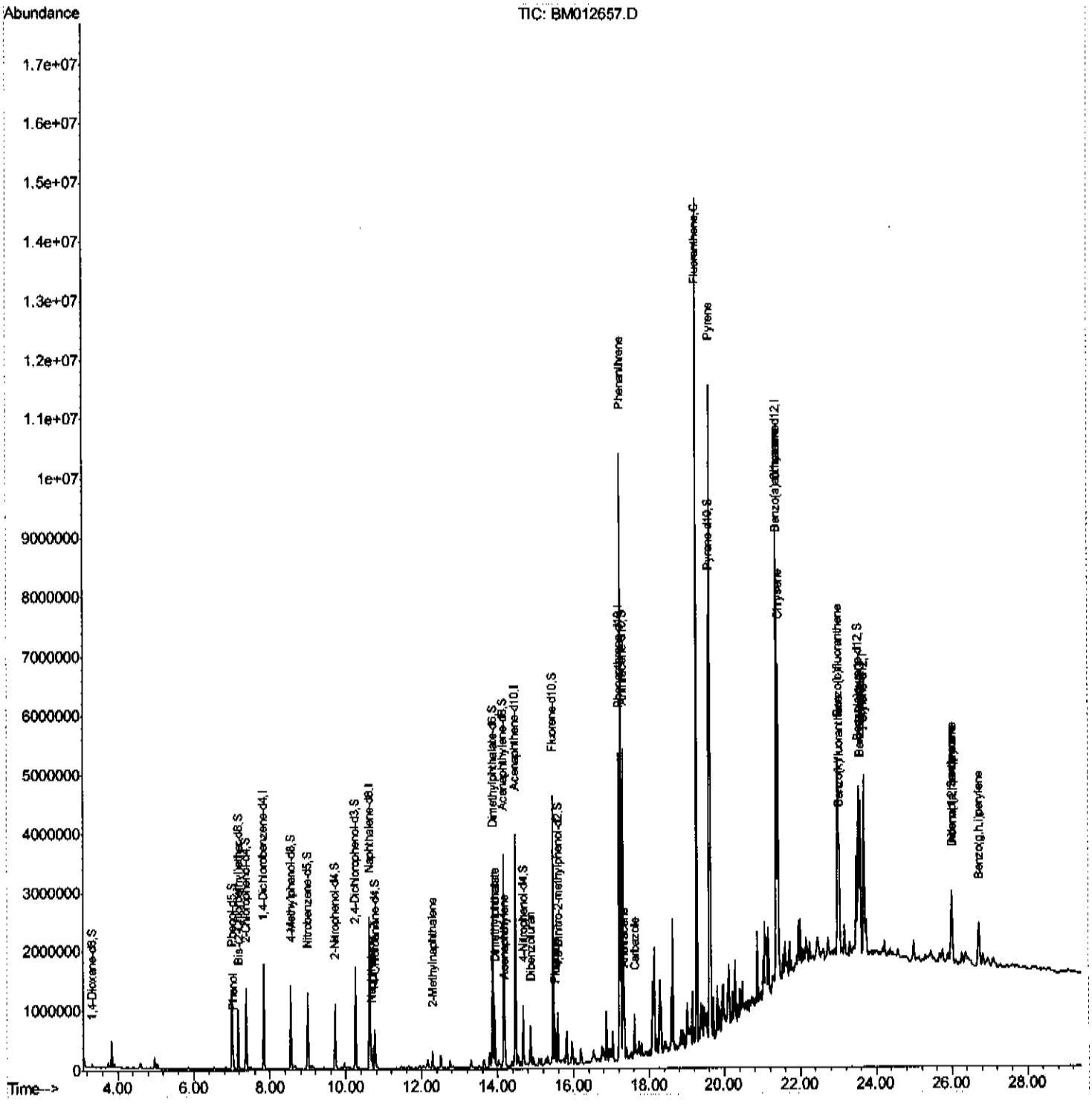
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110117\
Data File : BM012657.D
Acq On : 02 Nov 2017 03:21
Operator : SJ/JU
Sample : I5937-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 02 04:52:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 02 04:04:31 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B0DT8

Manual Integrations APPROVED
Sohil
11/2/2017 5:22:34 PM



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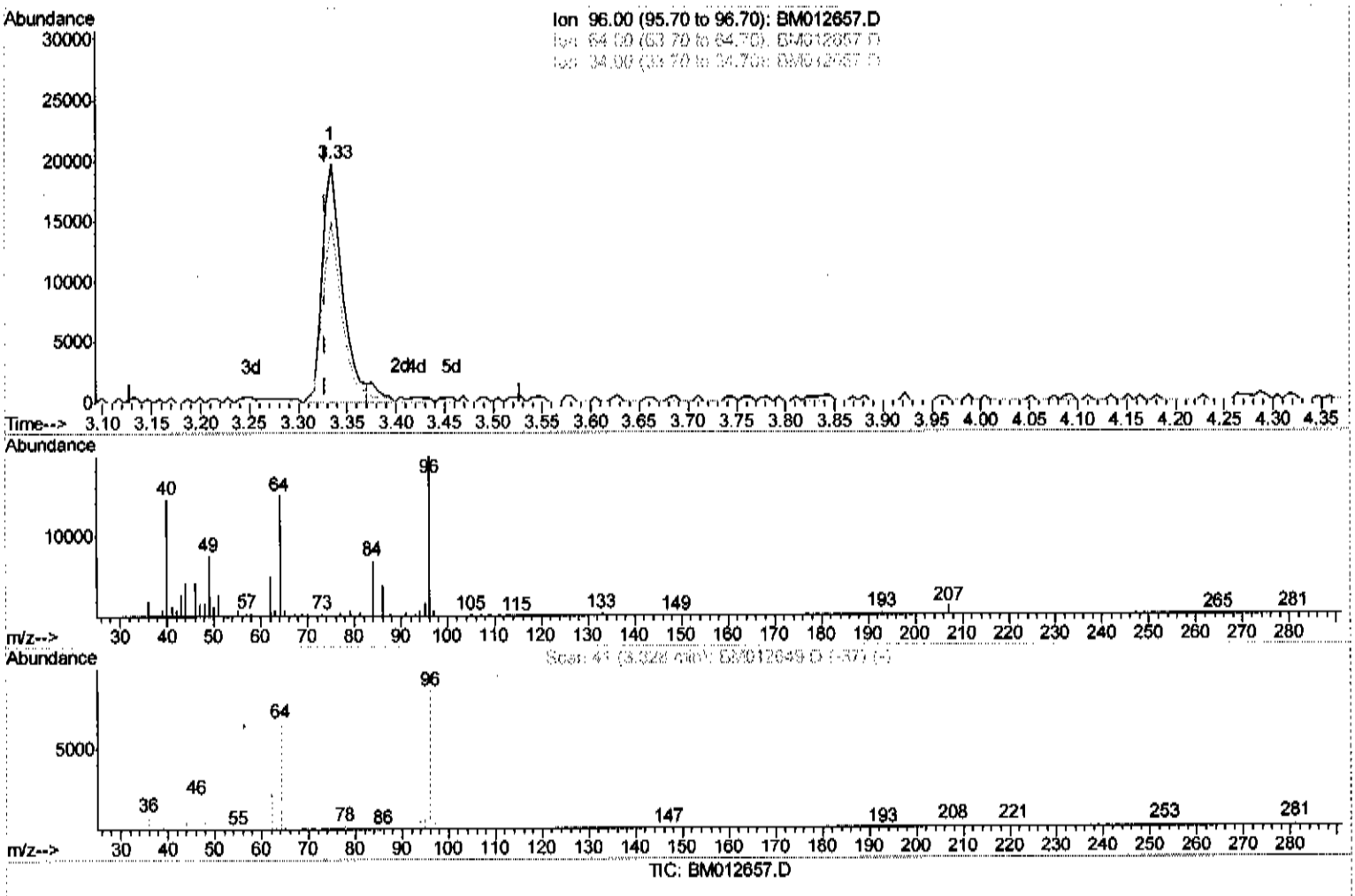

TIC: BM012657.D

(3) 1,4-Dioxane-d8 (S)

3.334min (+0.006) 3.09ng/uL

response 27998

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	73.43
34.00	0.00	0.00
0.00	0.00	0.00

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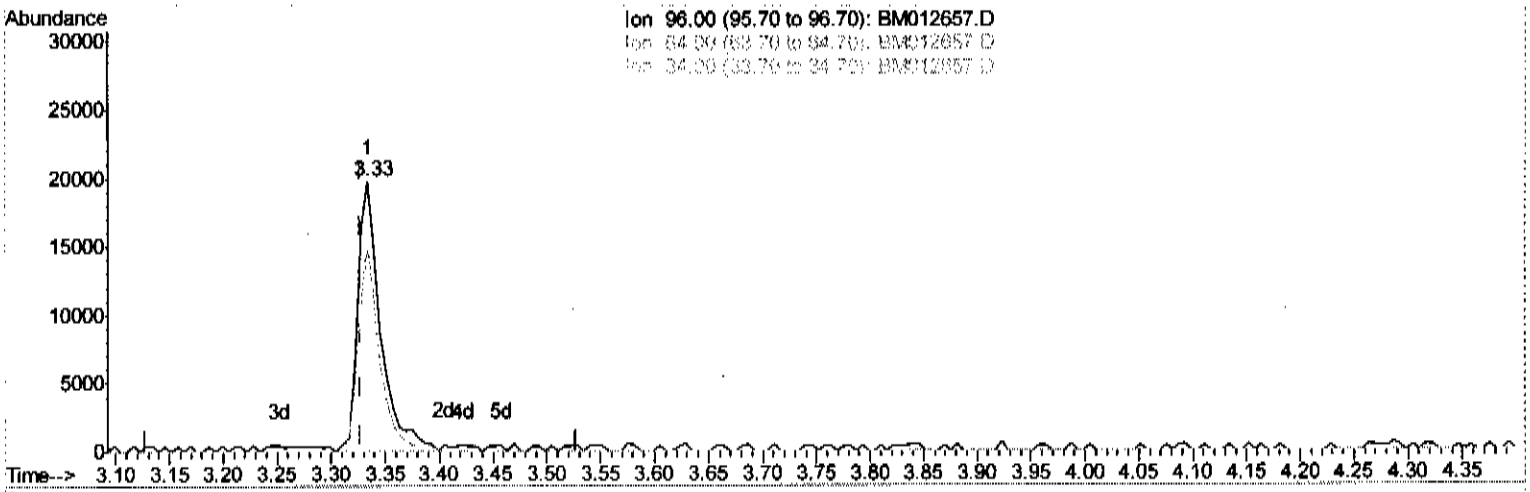

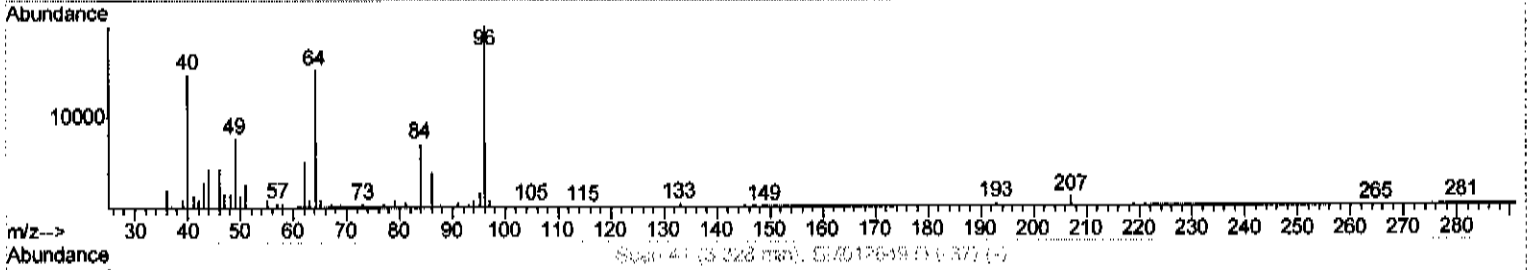

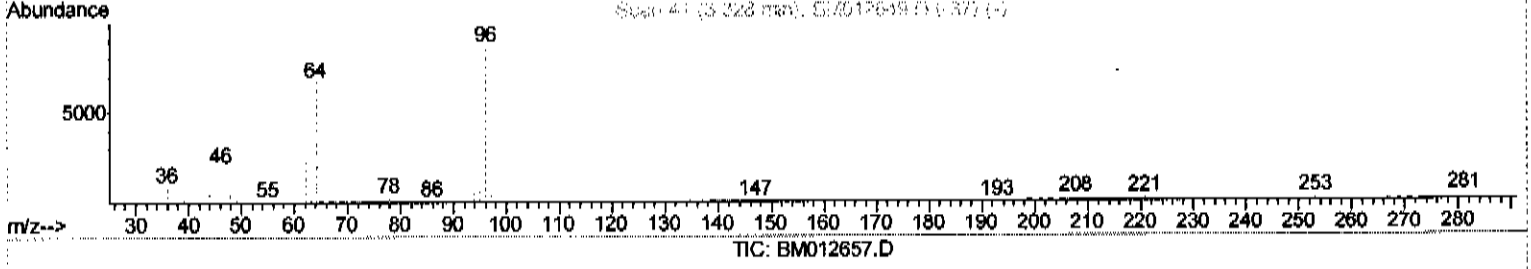

TIC: BM012657.D

(3) 1,4-Dioxane-d8 (S)

3.334min (+0.006) 3.25ng/uL m

JJ 11/02/17

response 29368

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	70.01
34.00	0.00	0.00
0.00	0.00	0.00

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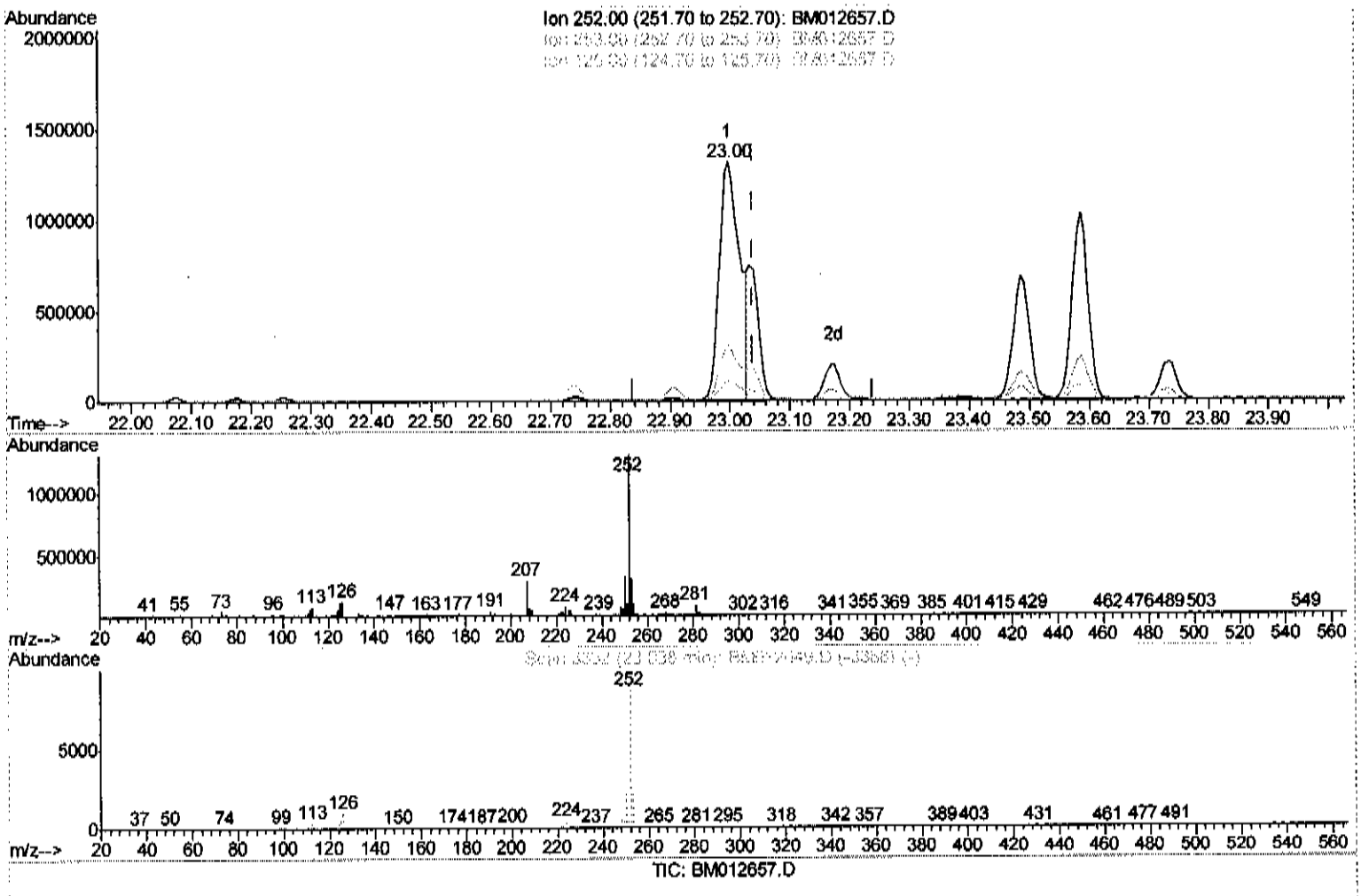
Instrument :
BNA_M
ClientSampleId :
B0DT8

Manual Integrations APPROVED
Sohil
11/2/2017 5:22:34 PM



(86) Benzo(k)fluoranthene

22.997min (-0.041) 23.29ng/ul

response 3134588

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.12
125.00	4.30	8.02#
0.00	0.00	0.00

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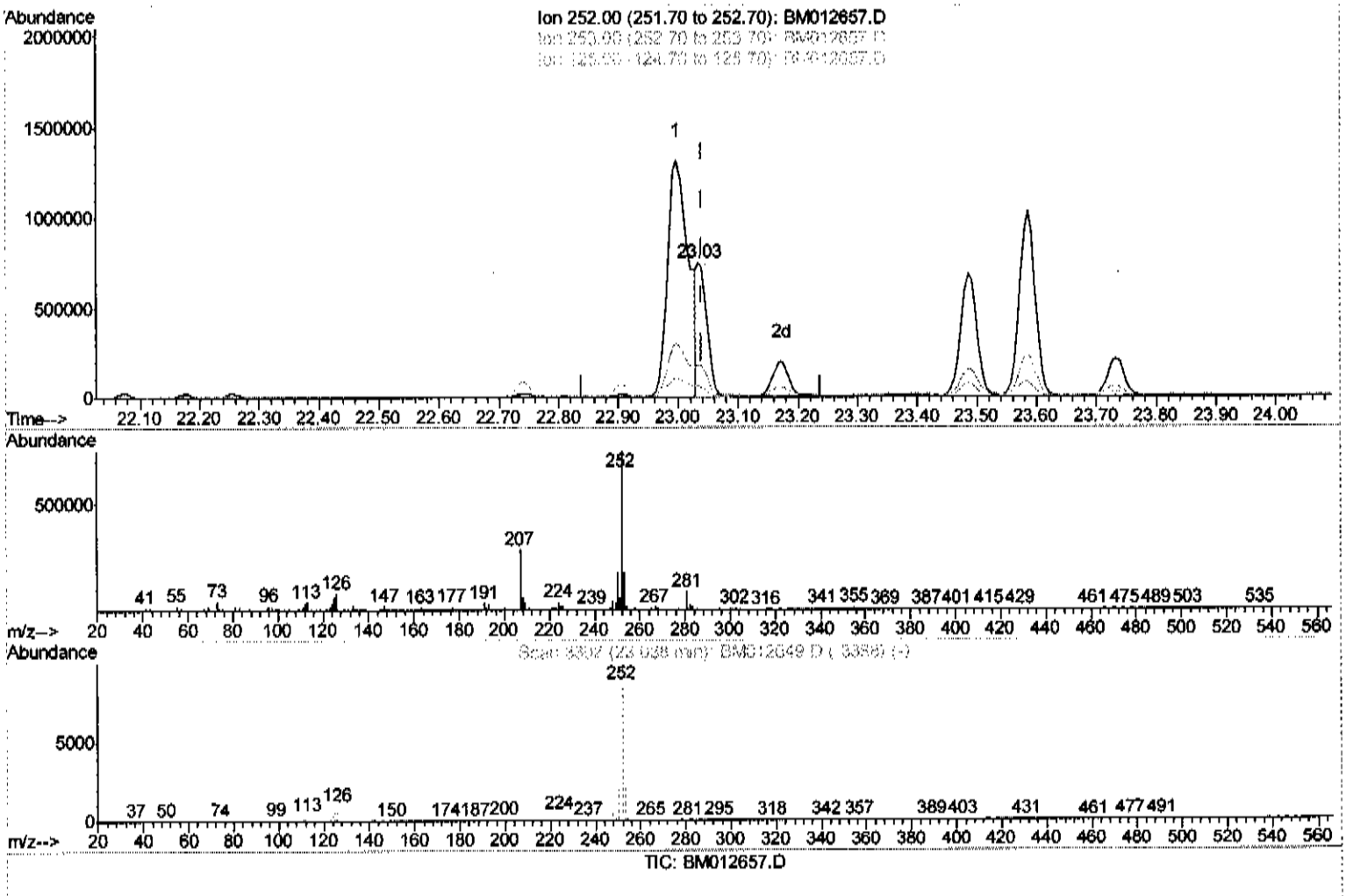

(86) Benzo(k)fluoranthene

23.033min (-0.006) 6.82ng/ul m

response 918380

JU 11/02/17

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.07
125.00	4.30	8.49#
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
11/2/2017 5:22:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	462064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	2048245	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	1291216	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	2976164	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	2850545	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	2313372	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	29368m	3.25	ng/uL	0.00
5) Phenol-d5	7.01	99	708806	18.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	446164	19.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	582492	20.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	496459	15.05	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	300882	23.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	342578	25.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	636829	18.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	356742	9.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	2044282	18.12	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2494534	18.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	236400	14.10	ng/ul	0.00
57) Fluorene-d10	15.46	176	1781794	18.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	202198	14.04	ng/ul	0.00
70) Anthracene-d10	17.32	188	2730371	19.25	ng/ul	0.00
76) Pyrene-d10	19.60	212	2868600	21.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	2082123	18.94	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.04	94	70689	1.76	ng/ul#	85
28) Naphthalene	10.68	128	256651	2.53	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	131872	1.60	ng/ul	99
44) Dimethylphthalate	13.93	163	603892	5.41	ng/ul	100
47) Acenaphthylene	14.19	152	384081	3.02	ng/ul	96
53) Dibenzofuran	14.87	168	355892	2.76	ng/ul	97
58) Fluorene	15.52	166	230624	2.11	ng/ul	99
69) Phenanthrene	17.26	178	6264778	38.92	ng/ul	99
71) Anthracene	17.35	178	508121	3.05	ng/ul	99
72) Carbazole	17.62	167	436294	3.17	ng/ul	99
74) Fluoranthene	19.27	202	8404539	46.08	ng/ul#	91
77) Pyrene	19.64	202	6756524	41.68	ng/ul#	91
80) Benzo(a)anthracene	21.37	228	2445497	14.33	ng/ul	96
82) Chrysene	21.43	228	2856881	18.82	ng/ul	98
85) Benzo(b)fluoranthene	23.00	252	3134588	21.92	ng/ul#	97
86) Benzo(k)fluoranthene	23.03	252	918380m	6.82	ng/ul	98
88) Benzo(a)pyrene	23.59	252	1896552	13.91	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.00	276	1284152	8.00	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.01	278	312097	2.29	ng/ul#	87
91) Benzo(g,h,i)perylene	26.73	276	984596	7.57	ng/ul#	94

SJ 11/02/17

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