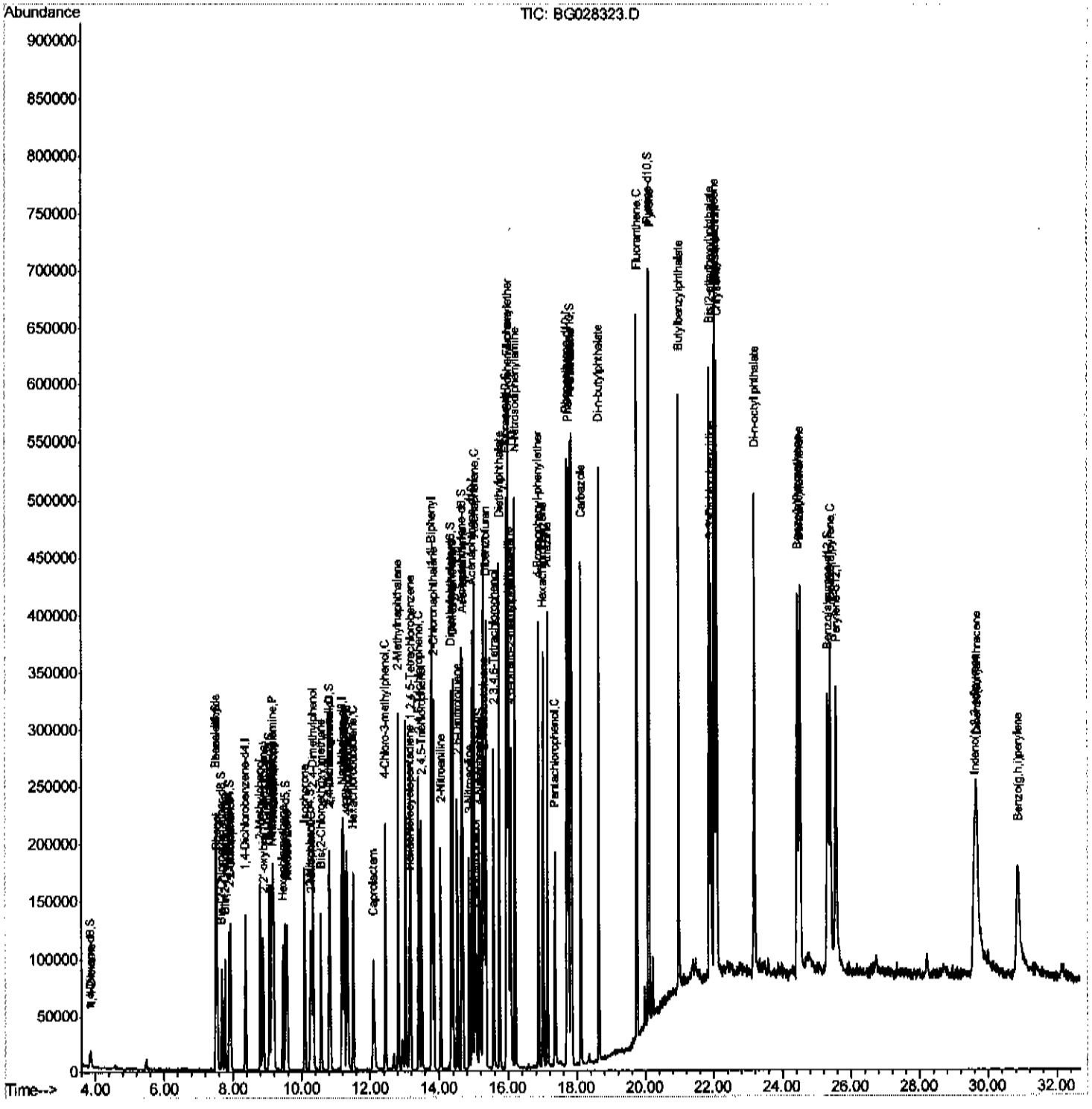
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081417\
Data File : BG028323.D
Acq On : 14 Aug 2017 22:04
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 15 06:40:01 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 15 06:10:38 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02068

Manual Integrations APPROVED
Sohil
8/15/2017 6:01:28 PM



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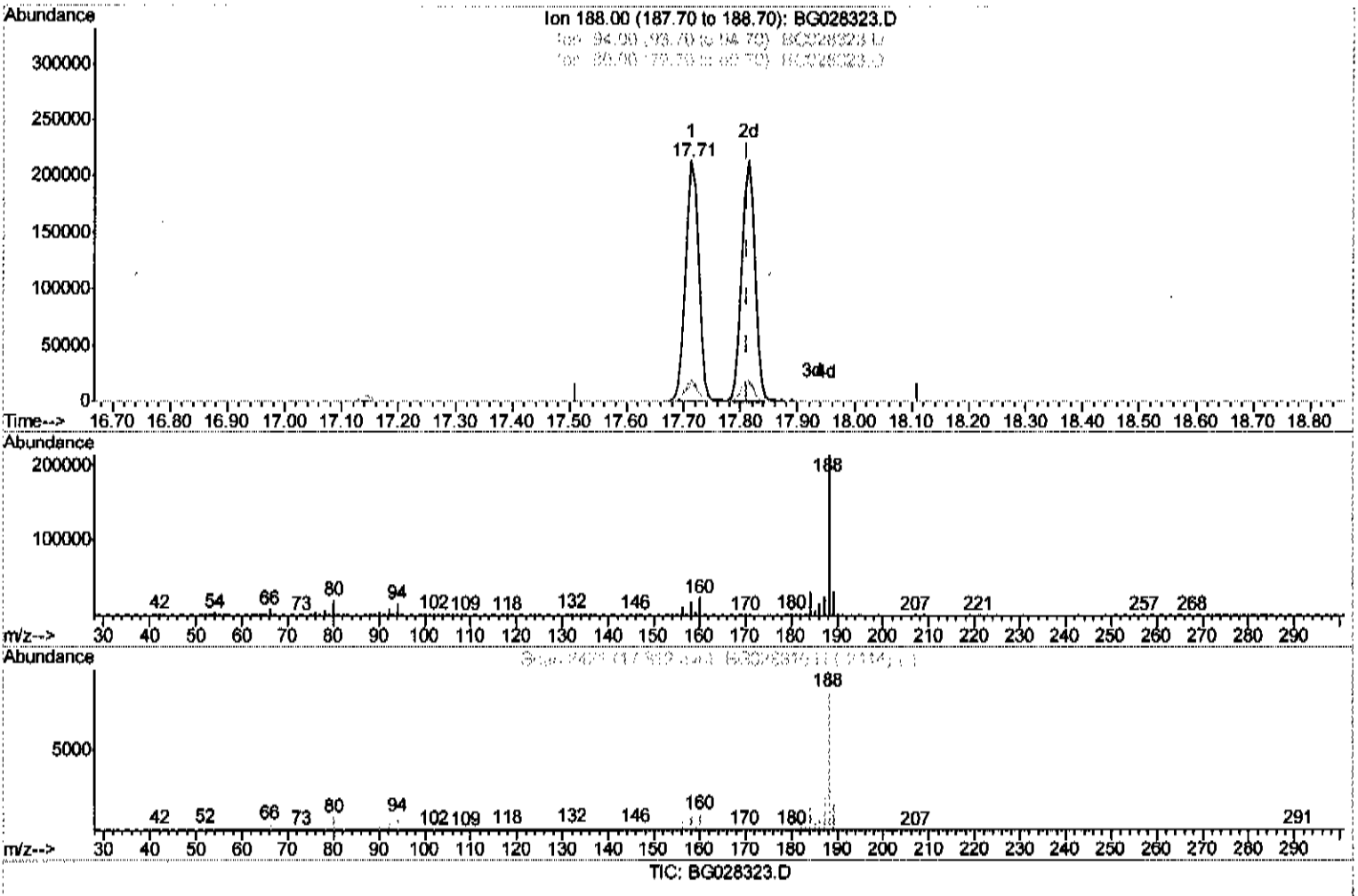

TIC: BG028323.D

(70) Anthracene-d10 (S)

17.714min (-0.098) 20.85ng/ul

response 330271

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.38
80.00	9.50	9.16
0.00	0.00	0.00

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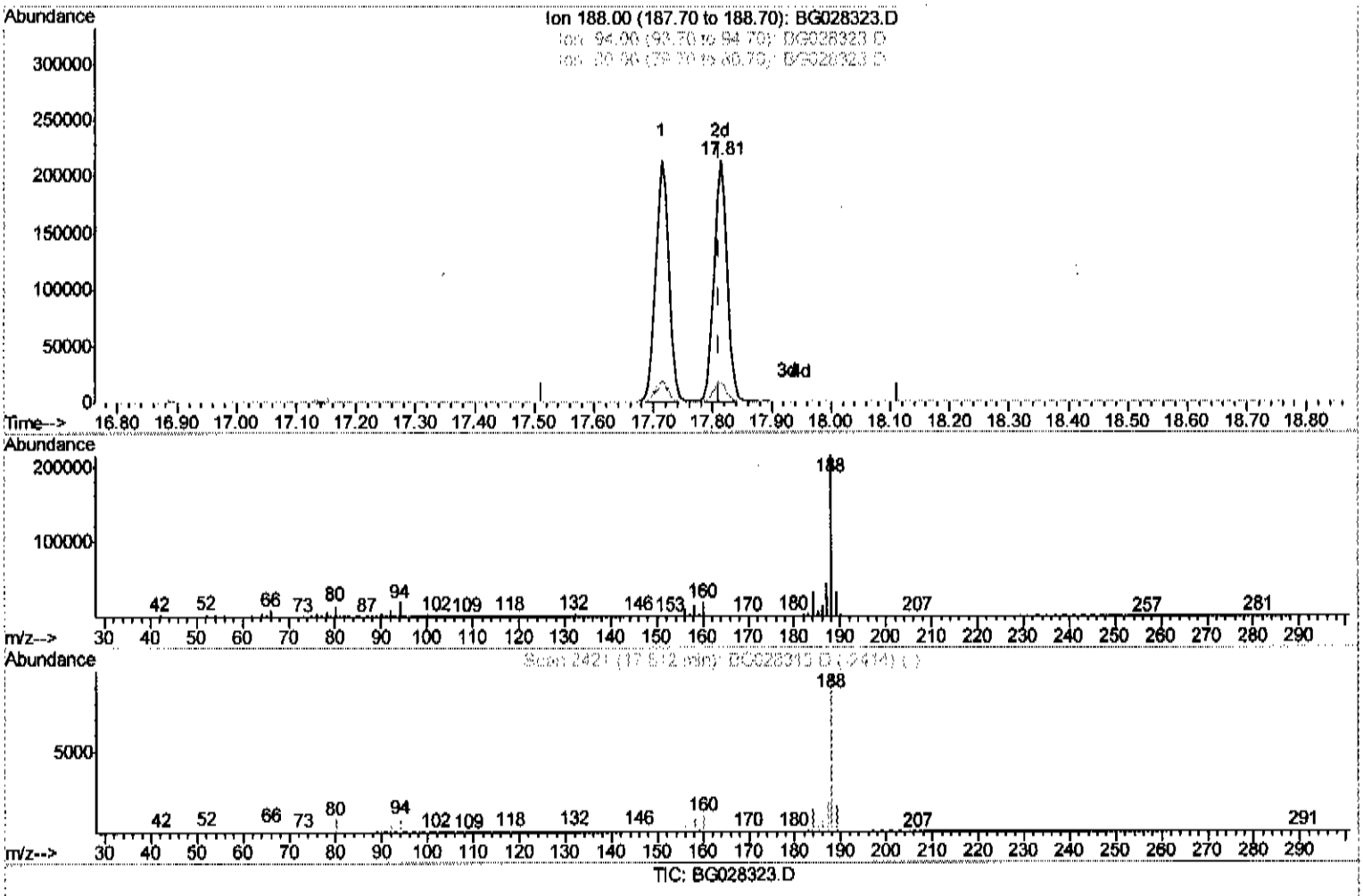

TIC: BG028323.D

(70) Anthracene-d10 (S)

17.814min (+0.002) 21.10ng/ul m

response 334188

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.77
80.00	9.50	7.26#
0.00	0.00	0.00

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Manual Integrations APPROVED
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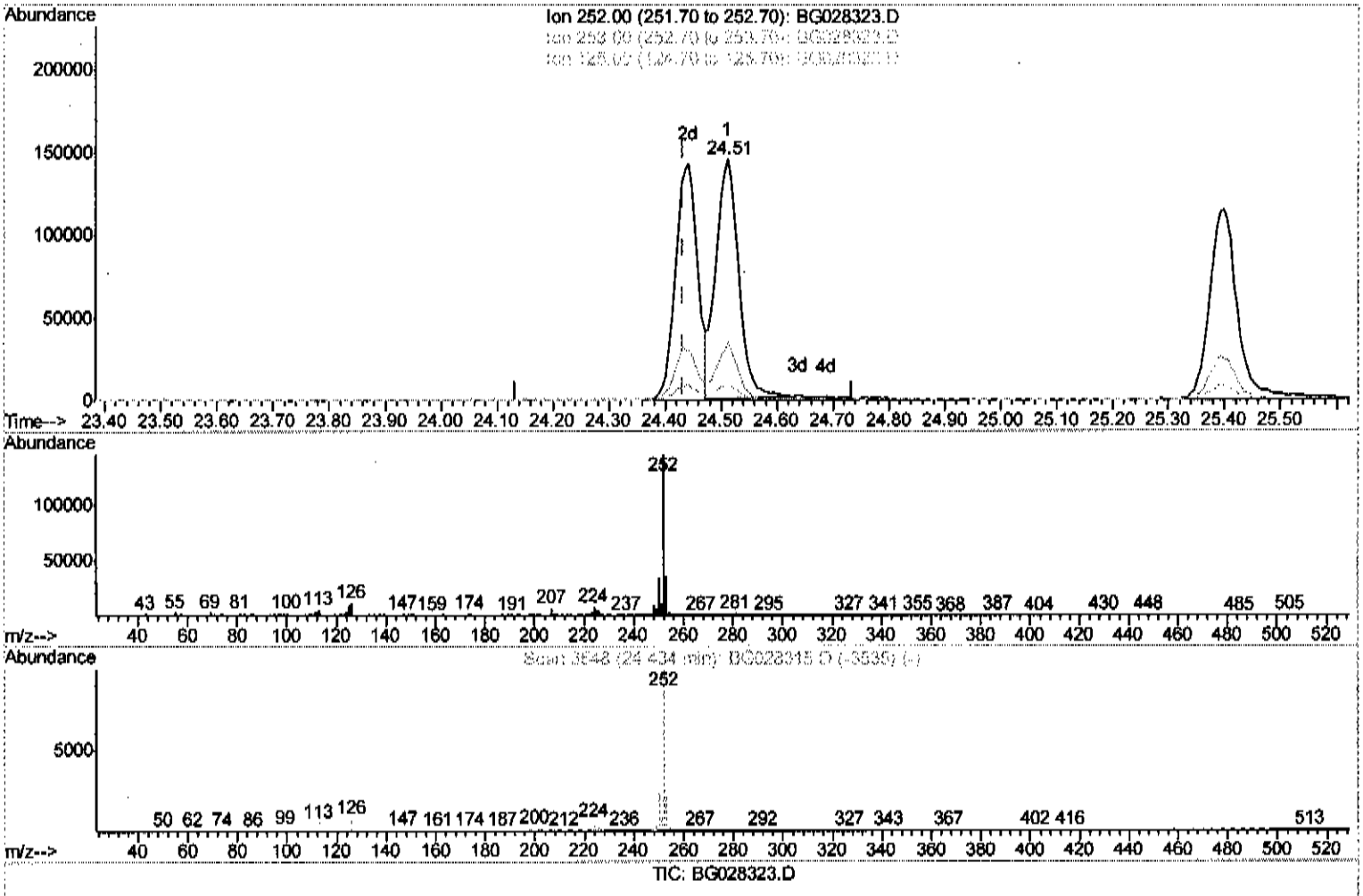

TIC: BG028323.D

(85) Benzo(b)fluoranthene

24.512min (+0.078) 21.56ng/ul

response 407557

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	24.06
125.00	5.00	5.99
0.00	0.00	0.00

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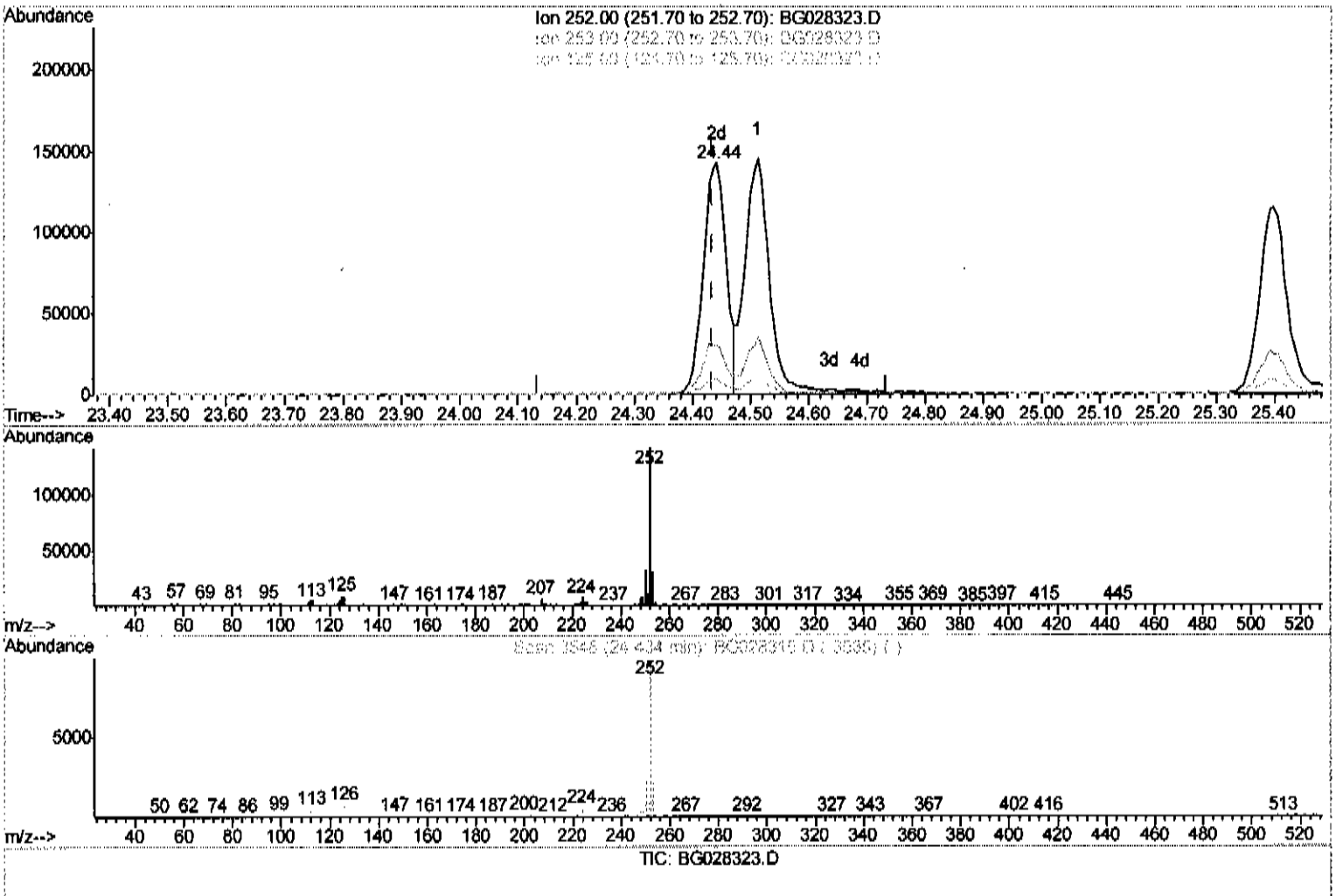

(85) Benzo(b)fluoranthene

24.441min (+0.008) 20.53ng/ul m 8/15/17

response 388081

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	21.05
125.00	5.00	6.40#
0.00	0.00	0.00

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8/15/2017 6:01:28 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	37323	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	178571	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	132796	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	330271	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	354232	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	315854	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	5722	7.14	ng/uL	0.00
5) Phenol-d5	7.51	99	77438	18.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	47672	18.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	53878	20.83	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	64625	18.86	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	29107	20.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	34320	22.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	68304	21.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	81185	23.03	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	230020	19.47	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	279439	20.98	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	34234	18.23	ng/ul	0.00
57) Fluorene-d10	15.95	176	217402	20.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	44087	20.55	ng/ul	0.00
70) Anthracene-d10	17.81	188	334188m	21.10	ng/ul	0.00
76) Pyrene-d10	20.09	212	357378	19.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	323937	21.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	7446	8.85	ng/uL	86
4) Benzaldehyde	7.50	77	47644	20.11	ng/ul	98
6) Phenol	7.54	94	76986	18.90	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.77	93	50704	18.27	ng/ul	97
10) 2-Chlorophenol	7.93	128	51650	20.50	ng/ul	93
11) 2-Methylphenol	8.79	108	55795	19.40	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.88	45	111630	16.57	ng/ul#	92
14) Acetophenone	9.18	105	90187	18.46	ng/ul#	88
15) N-Nitroso-di-n-propylamine	9.15	70	50716	18.26	ng/ul#	86
16) 4-Methylphenol	9.12	108	62349	19.20	ng/ul	98
17) Hexachloroethane	9.45	117	21587	20.67	ng/ul	94
20) Nitrobenzene	9.57	77	79186	19.59	ng/ul	98
21) Isophorone	10.08	82	140090	18.24	ng/ul	97
23) 2-Nitrophenol	10.28	139	31524	20.40	ng/ul#	82
24) 2,4-Dimethylphenol	10.33	107	76661	19.96	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.56	93	79189	18.93	ng/ul	95
27) 2,4-Dichlorophenol	10.82	162	62058	21.52	ng/ul	96
28) Naphthalene	11.23	128	181441	20.52	ng/ul	98
30) 4-Chloroaniline	11.34	127	78588	22.99	ng/ul	89
31) Hexachlorobutadiene	11.50	225	44507	20.91	ng/ul	93
32) Caprolactam	12.09	113	21846	18.22	ng/ul	81
33) 4-Chloro-3-methylphenol	12.44	107	78752	21.40	ng/ul	98
34) 2-Methylnaphthalene	12.81	142	145770	20.52	ng/ul	91

JAS 8/15/17

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	91391	21.35 ng/ul	91
37) Hexachlorocyclopentadiene	13.14	237	33749	14.29 ng/ul	96
38) 2,4,6-Trichlorophenol	13.41	196	62986	23.61 ng/ul	95
39) 2,4,5-Trichlorophenol	13.49	196	67940	23.36 ng/ul	95
40) 1,1'-Biphenyl	13.80	154	198733	20.49 ng/ul	97
41) 2-Chloronaphthalene	13.85	162	157018	20.49 ng/ul	92
42) 2-Nitroaniline	14.05	65	66180	20.59 ng/ul	95
44) Dimethylphthalate	14.40	163	214615	19.73 ng/ul	99
45) 2,6-Dinitrotoluene	14.53	165	49266	21.94 ng/ul#	92
47) Acenaphthylene	14.69	152	262439	20.62 ng/ul	98
48) 3-Nitroaniline	14.87	138	41469	20.51 ng/ul#	91
49) Acenaphthene	15.03	153	178419	20.78 ng/ul	97
50) 2,4-Dinitrophenol	15.08	184	24461	19.33 ng/ul	90
52) 4-Nitrophenol	15.18	109	33771	17.36 ng/ul#	69
53) Dibenzofuran	15.36	168	259168	20.70 ng/ul	98
54) 2,4-Dinitrotoluene	15.32	165	71017	20.87 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.59	232	59948	22.14 ng/ul#	94
56) Diethylphthalate	15.75	149	240978	18.89 ng/ul	99
58) Fluorene	16.01	166	224767	20.28 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.99	204	122245	20.56 ng/ul#	85
60) 4-Nitroaniline	16.03	138	44664	18.62 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.09	198	44492	20.45 ng/ul#	94
64) N-Nitrosodiphenylamine	16.20	169	193202	22.24 ng/ul	95
65) 4-Bromophenyl-phenylether	16.89	248	78722	22.18 ng/ul	93
66) Hexachlorobenzene	17.02	284	81364	21.53 ng/ul	96
67) Atrazine	17.14	200	74969	19.79 ng/ul	97
68) Pentachlorophenol	17.36	266	37897	19.80 ng/ul	89
69) Phenanthrene	17.76	178	343119	20.64 ng/ul	100
71) Anthracene	17.85	178	359902	21.19 ng/ul	99
72) Carbazole	18.12	167	304501	20.61 ng/ul	99
73) Di-n-butylphthalate	18.64	149	375239	20.40 ng/ul#	97
74) Fluoranthene	19.75	202	401997	19.90 ng/ul	98
77) Pyrene	20.12	202	420307	19.89 ng/ul	98
78) Butylbenzylphthalate	20.98	149	164755	20.81 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.93	252	149737	21.91 ng/ul#	98
80) Benzo(a)anthracene	22.03	228	417748	20.41 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.88	149	227109	20.17 ng/ul	98
82) Chrysene	22.10	228	383434	20.80 ng/ul	99
84) Di-n-octyl phthalate	23.19	149	388567	20.53 ng/ul	100
85) Benzo(b)fluoranthene	24.44	252	388081m	20.53 ng/ul	
86) Benzo(k)fluoranthene	24.51	252	407557	22.07 ng/ul	98
88) Benzo(a)pyrene	25.40	252	388096	21.21 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.60	276	375154	17.51 ng/ul	98
90) Dibenzo(a,h)anthracene	29.66	278	314020	17.48 ng/ul	95
91) Benzo(g,h,i)perylene	30.86	276	269226	15.27 ng/ul#	95

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