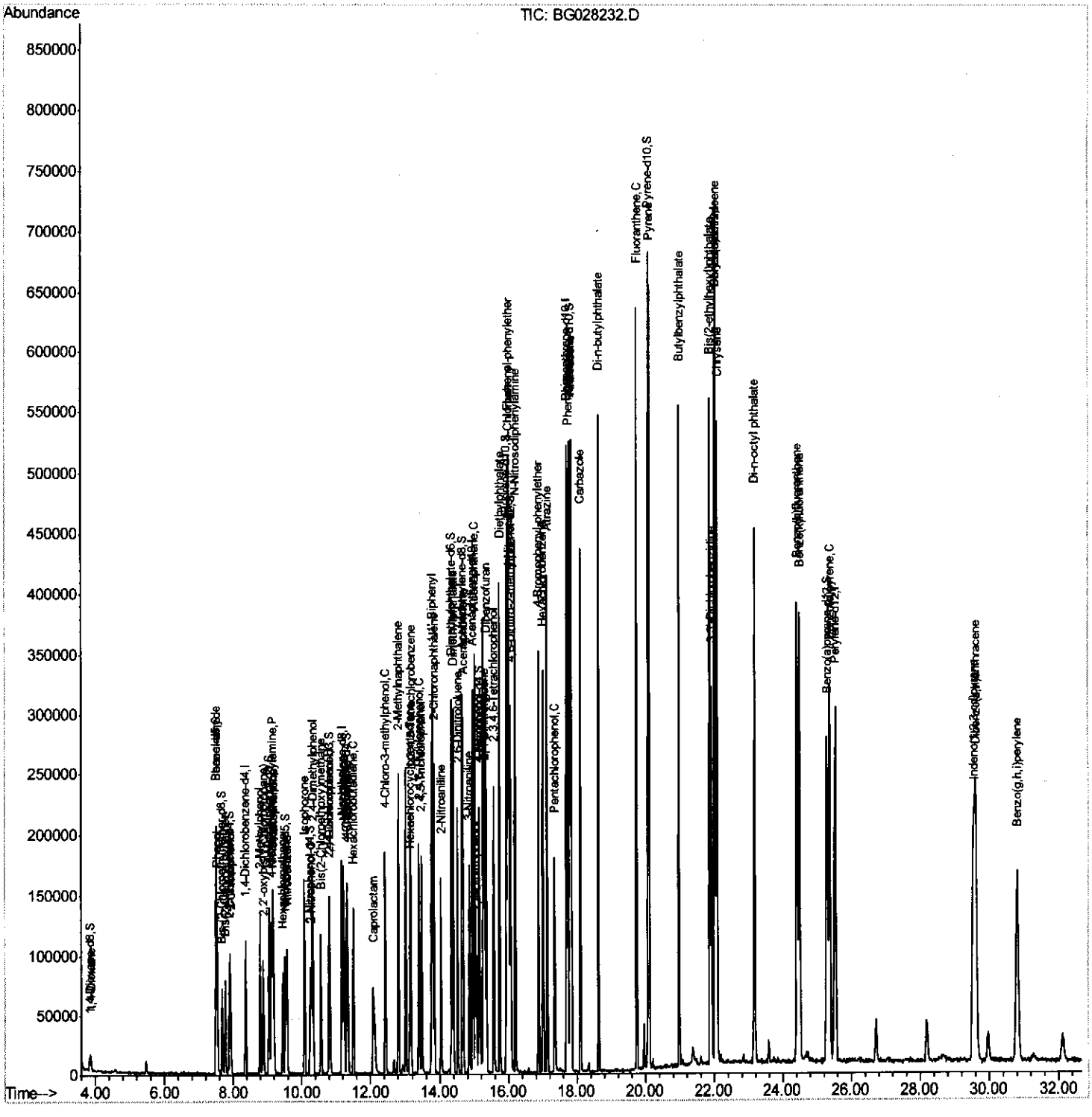
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028232.D
Acq On : 9 Aug 2017 19:09
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 04:12:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 01:59:02 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02057

Manual Integrations APPROVED
Sohil
8/10/2017 6:10:19 PM



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Acq On : 9 Aug 2017 19:09
Operator : SJ/JU
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Misc :
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Quant Time: Aug 10 02:10:18 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
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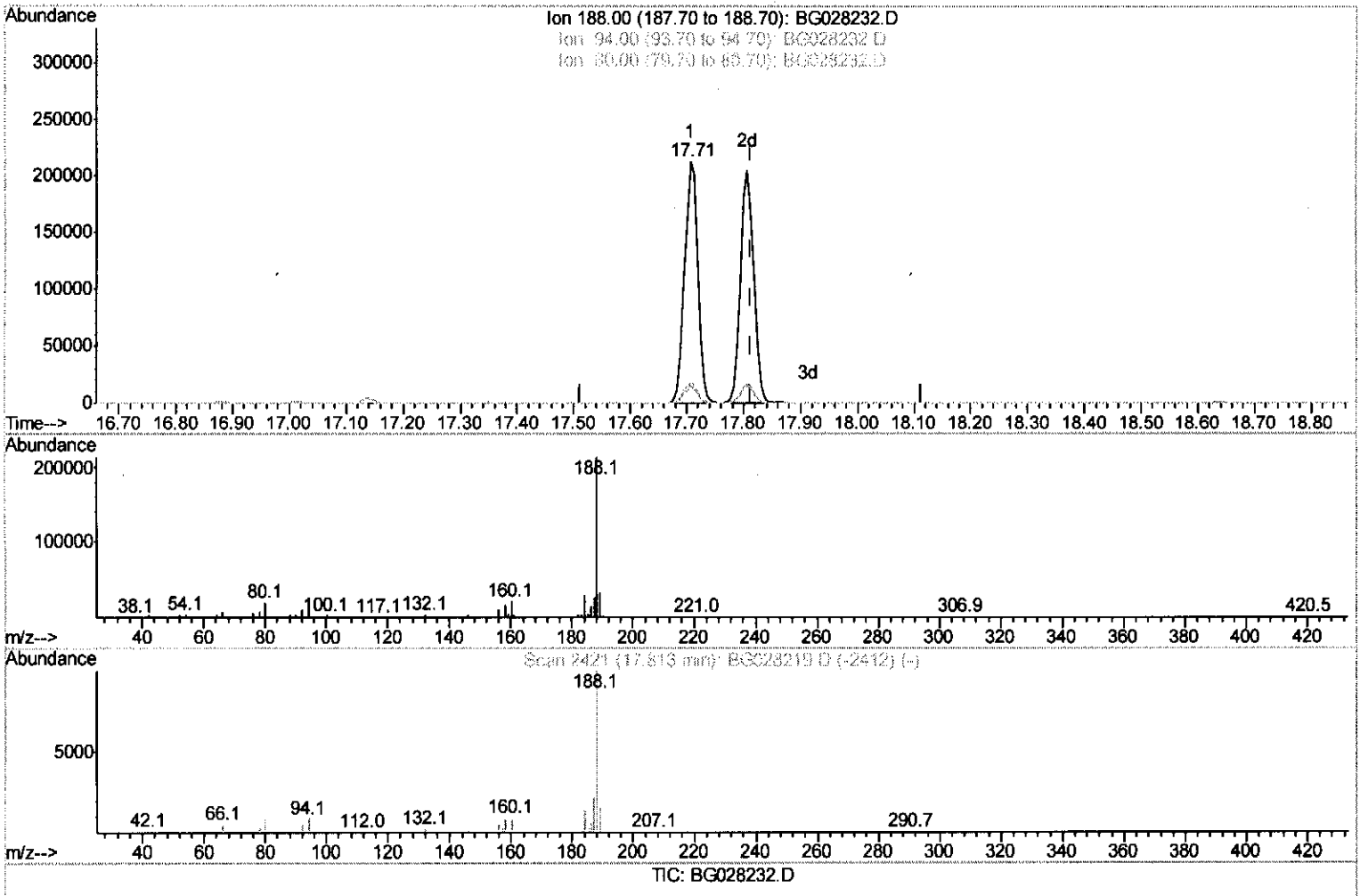

(70) Anthracene-d10 (S)

17.707min (-0.106) 20.85ng/ul

response 335585

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.07
80.00	9.50	9.16
0.00	0.00	0.00

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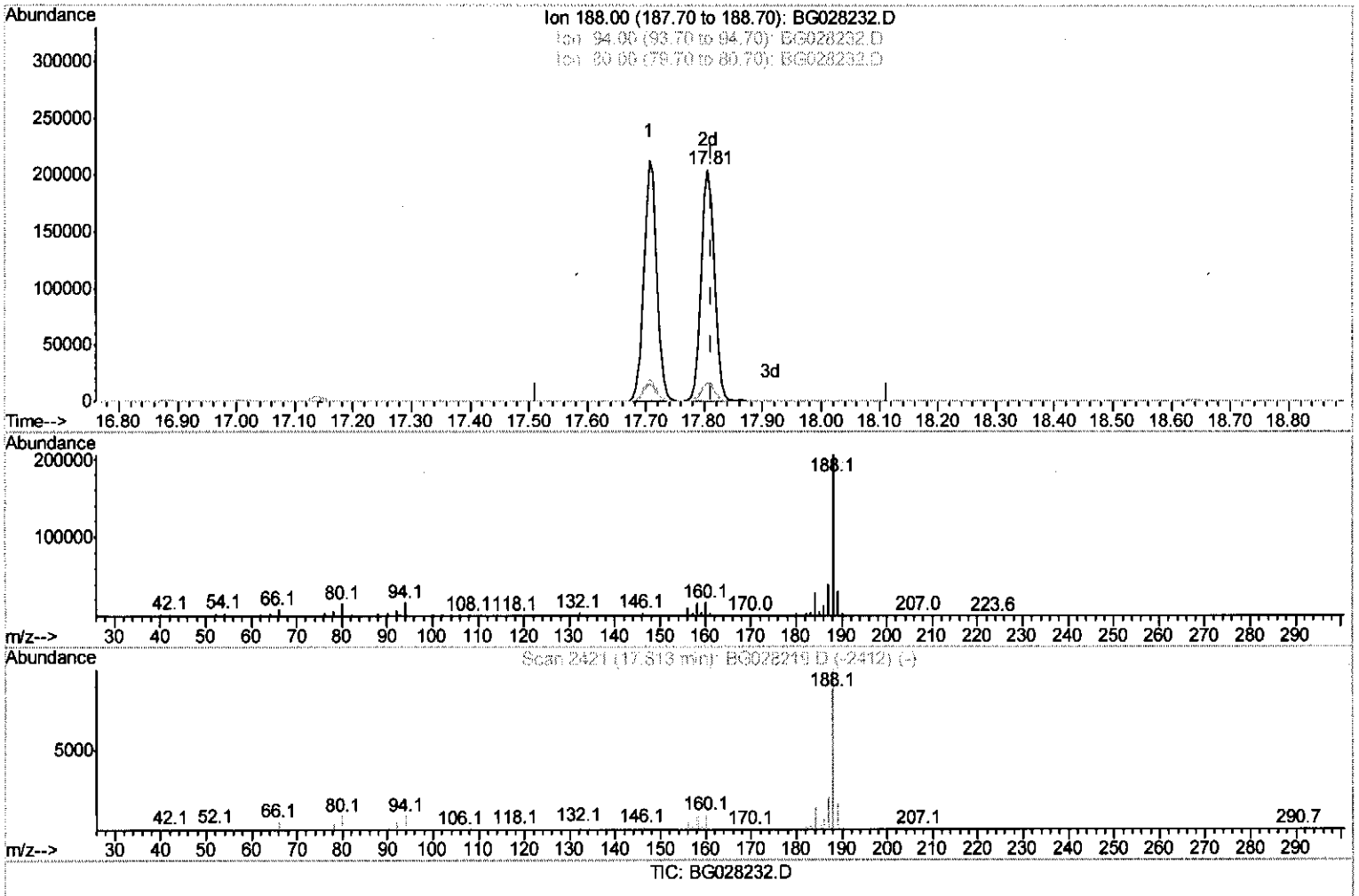

TIC: BG028232.D

(70) Anthracene-d10 (S)

17.807min (-0.006) 19.88ng/ul m

response 319943

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.23
80.00	9.50	7.57#
0.00	0.00	0.00

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 10 04:11:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 01:59:02 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02057

Manual Integrations APPROVED
Sohil
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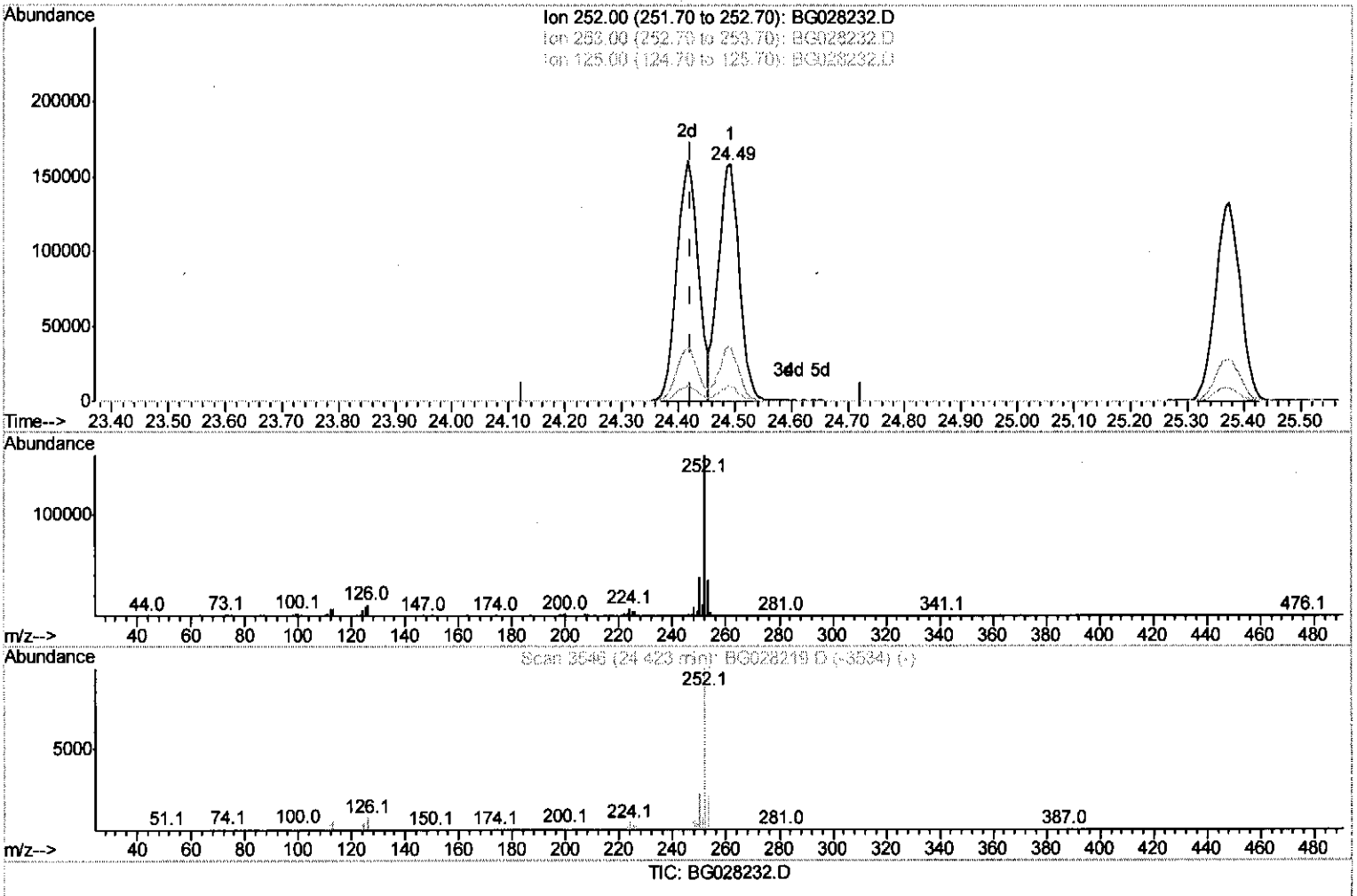

TIC: BG028232.D

(85) Benzo(b)fluoranthene

24.493min (+0.070) 19.50ng/ul

response 412906

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.29
125.00	5.00	5.91
0.00	0.00	0.00

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Quant Time: Aug 10 04:11:35 2017
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Manual Integrations APPROVED
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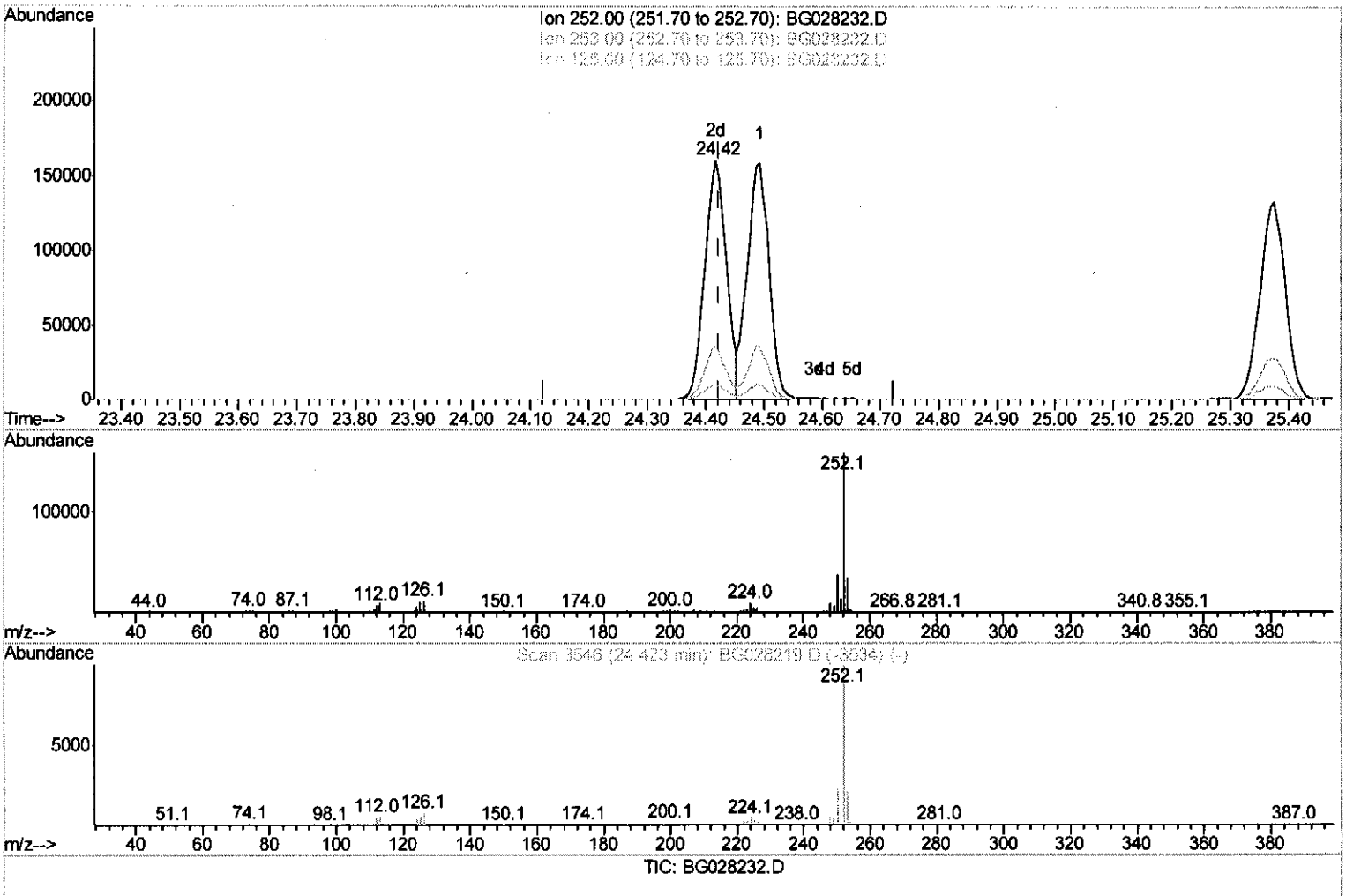

(85) Benzo(b)fluoranthene

24.417min (-0.006) 19.45ng/ul m

8/14/17

response 411901

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	21.64
125.00	5.00	6.37#
0.00	0.00	0.00

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Manual Integrations APPROVED
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8/10/2017 6:10:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	28681	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	141416	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	113945	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.71	188	335585	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	374602	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	353825	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	5020	8.15	ng/uL	0.00
5) Phenol-d5	7.50	99	60708	19.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	39425	19.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	41283	20.77	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	51447	19.54	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	21756	19.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	25579	21.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	49106	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	64985	23.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	207789	20.50	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	225225	19.71	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	35989	22.33	ng/ul	0.00
57) Fluorene-d10	15.94	176	187568	20.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	43840	20.11	ng/ul	0.00
70) Anthracene-d10	17.81	188	319943m>	19.88	ng/ul>	0.00
76) Pyrene-d10	20.08	212	363039	18.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	329279	19.88	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	6027	9.317	ng/uL#	91
4) Benzaldehyde	7.50	77	39133	21.497	ng/ul	100
6) Phenol	7.52	94	60446	19.309	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.77	93	44228	20.740	ng/ul#	93
10) 2-Chlorophenol	7.92	128	38954	20.116	ng/ul	99
11) 2-Methylphenol	8.78	108	41507	18.784	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.88	45	95392	18.428	ng/ul#	94
14) Acetophenone	9.18	105	75344	20.067	ng/ul#	88
15) N-Nitroso-di-n-propylamine	9.15	70	43159	20.225	ng/ul	91
16) 4-Methylphenol	9.11	108	49530	19.851	ng/ul	90
17) Hexachloroethane	9.44	117	17033	21.227	ng/ul#	83
20) Nitrobenzene	9.56	77	63240	19.756	ng/ul	96
21) Isophorone	10.08	82	126064	20.729	ng/ul#	96
23) 2-Nitrophenol	10.28	139	24469	19.991	ng/ul	89
24) 2,4-Dimethylphenol	10.32	107	62158	20.431	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.56	93	64658	19.518	ng/ul	93
27) 2,4-Dichlorophenol	10.81	162	46890	20.534	ng/ul	96
28) Naphthalene	11.23	128	139396	19.902	ng/ul	96
30) 4-Chloroaniline	11.33	127	60151	22.223	ng/ul	95
31) Hexachlorobutadiene	11.50	225	34174	20.274	ng/ul	97
32) Caprolactam	12.07	113	22965	24.184	ng/ul	84
33) 4-Chloro-3-methylphenol	12.42	107	64125	22.000	ng/ul	99
34) 2-Methylnaphthalene	12.81	142	114637	20.377	ng/ul	95

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8/10/2017 6:10:19 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	67643	18.417 ng/ul	98
37) Hexachlorocyclopentadiene	13.14	237	33403	16.482 ng/ul	94
38) 2,4,6-Trichlorophenol	13.40	196	48129	21.025 ng/ul	94
39) 2,4,5-Trichlorophenol	13.48	196	53754	21.544 ng/ul	91
40) 1,1'-Biphenyl	13.79	154	161731	19.434 ng/ul	99
41) 2-Chloronaphthalene	13.84	162	126302	19.205 ng/ul	96
42) 2-Nitroaniline	14.04	65	57643	20.905 ng/ul#	89
44) Dimethylphthalate	14.40	163	191940	20.569 ng/ul	97
45) 2,6-Dinitrotoluene	14.53	165	41558	21.570 ng/ul#	92
47) Acenaphthylene	14.69	152	216173	19.797 ng/ul	99
48) 3-Nitroaniline	14.86	138	38760	22.342 ng/ul#	90
49) Acenaphthene	15.02	153	144678	19.637 ng/ul	99
50) 2,4-Dinitrophenol	15.07	184	23611	21.751 ng/ul	95
52) 4-Nitrophenol	15.16	109	35607	21.326 ng/ul#	79
53) Dibenzofuran	15.36	168	215518	20.063 ng/ul	98
54) 2,4-Dinitrotoluene	15.31	165	64431	22.067 ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	15.58	232	52448	22.570 ng/ul	96
56) Diethylphthalate	15.75	149	225628	20.611 ng/ul	98
58) Fluorene	16.00	166	196215	20.632 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.99	204	101613	19.914 ng/ul	90
60) 4-Nitroaniline	16.02	138	46767	22.722 ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.07	198	42915	19.414 ng/ul#	98
64) N-Nitrosodiphenylamine	16.20	169	168956	19.137 ng/ul	97
65) 4-Bromophenyl-phenylether	16.88	248	72775	20.177 ng/ul	97
66) Hexachlorobenzene	17.01	284	78874	20.542 ng/ul	95
67) Atrazine	17.14	200	74951	19.472 ng/ul	93
68) Pentachlorophenol	17.35	266	35508	18.257 ng/ul	94
69) Phenanthrene	17.75	178	326910	19.357 ng/ul	99
71) Anthracene	17.84	178	342679	19.853 ng/ul	99
72) Carbazole	18.11	167	294936	19.647 ng/ul	98
73) Di-n-butylphthalate	18.64	149	371060	19.857 ng/ul#	97
74) Fluoranthene	19.75	202	410134	19.983 ng/ul	99
77) Pyrene	20.11	202	423181	18.935 ng/ul	99
78) Butylbenzylphthalate	20.97	149	164158	19.606 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.92	252	127289	17.612 ng/ul#	95
80) Benzo(a)anthracene	22.02	228	424924	19.632 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.88	149	230248	19.337 ng/ul	98
82) Chrysene	22.09	228	378543	19.419 ng/ul	97
84) Di-n-octyl phthalate	23.18	149	398988	18.817 ng/ul	100
85) Benzo(b)fluoranthene	24.42	252	411901m	19.454 ng/ul	98
86) Benzo(k)fluoranthene	24.49	252	412288	19.935 ng/ul	98
88) Benzo(a)pyrene	25.37	252	402608	19.639 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.55	276	470892	19.615 ng/ul#	97
90) Dibenzo(a,h)anthracene	29.62	278	395738	19.667 ng/ul	95
91) Benzo(g,h,i)perylene	30.81	276	386167	19.553 ng/ul	96

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