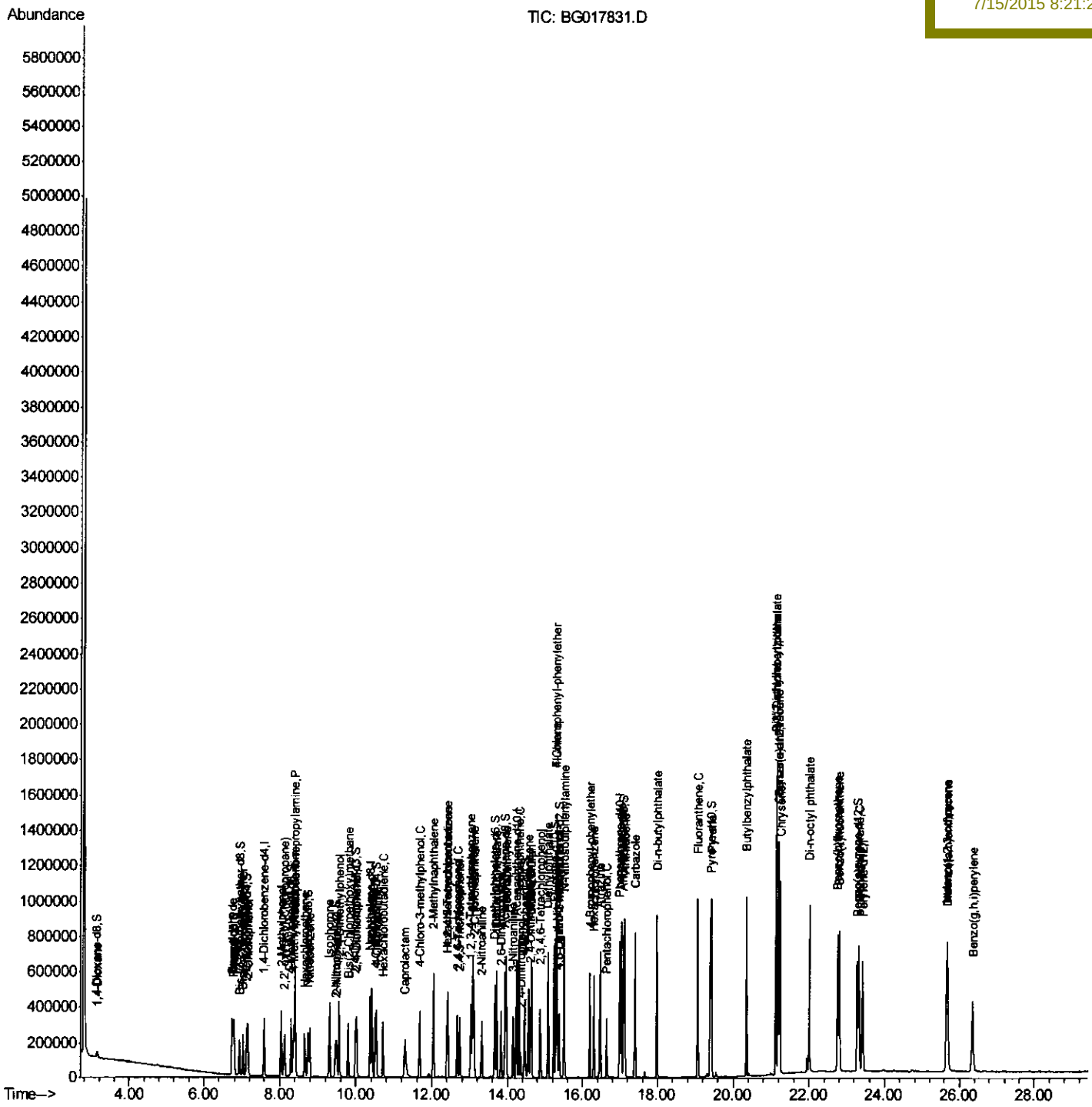
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071315\
Data File : BG017831.D
Acq On : 13 Jul 2015 20:57
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 14 02:05:08 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 01:25:57 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02048

Manual Integrations APPROVED
apatel
7/15/2015 8:21:21 AM



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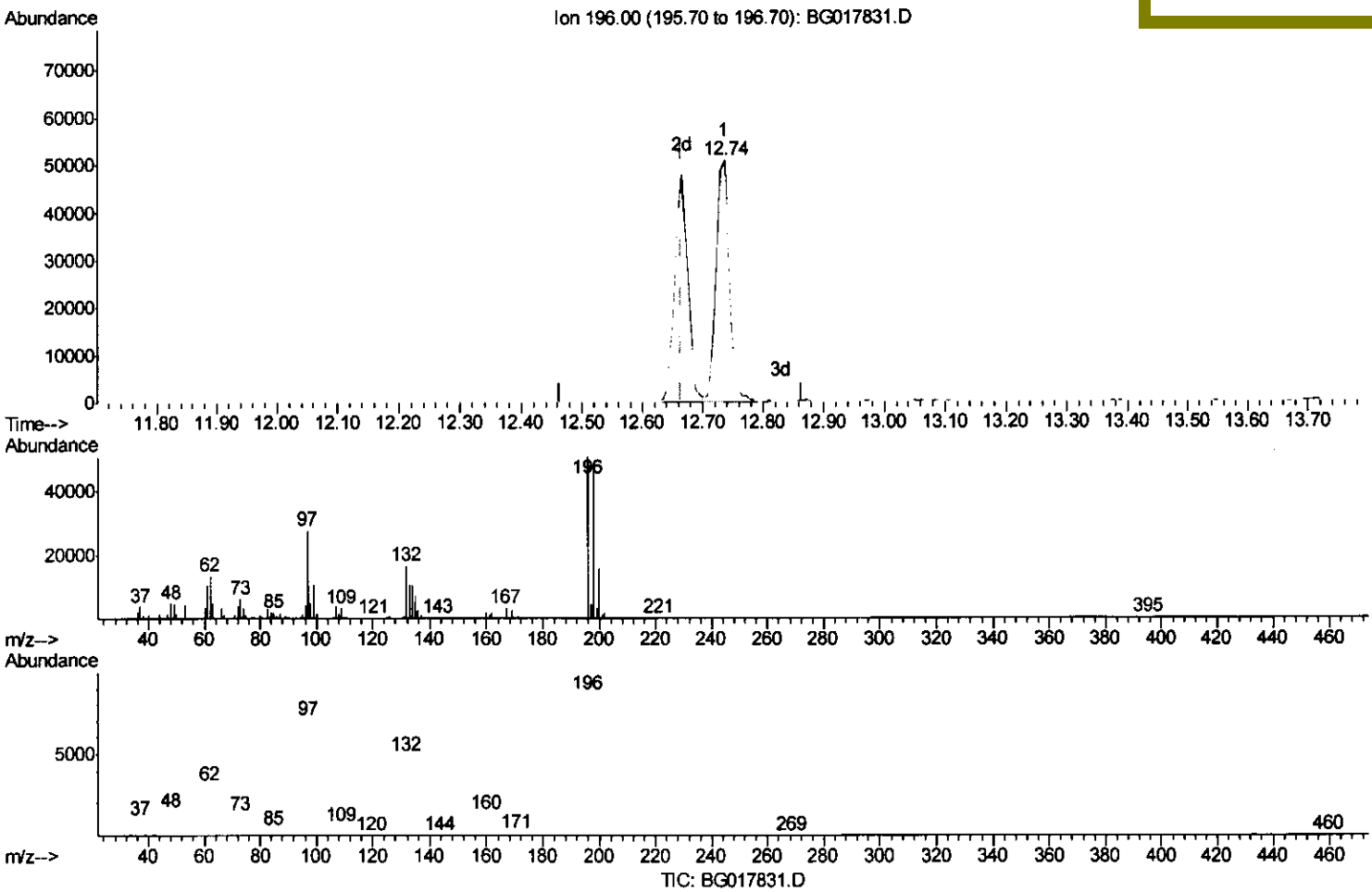

(38) 2,4,6-Trichlorophenol (C)

12.735min (+0.072) 21.07ng/ul

response 76533

Ion	Exp%	Act%
196.00	100	100
198.00	91.20	93.49
200.00	25.80	30.94
0.00	0.00	0.00

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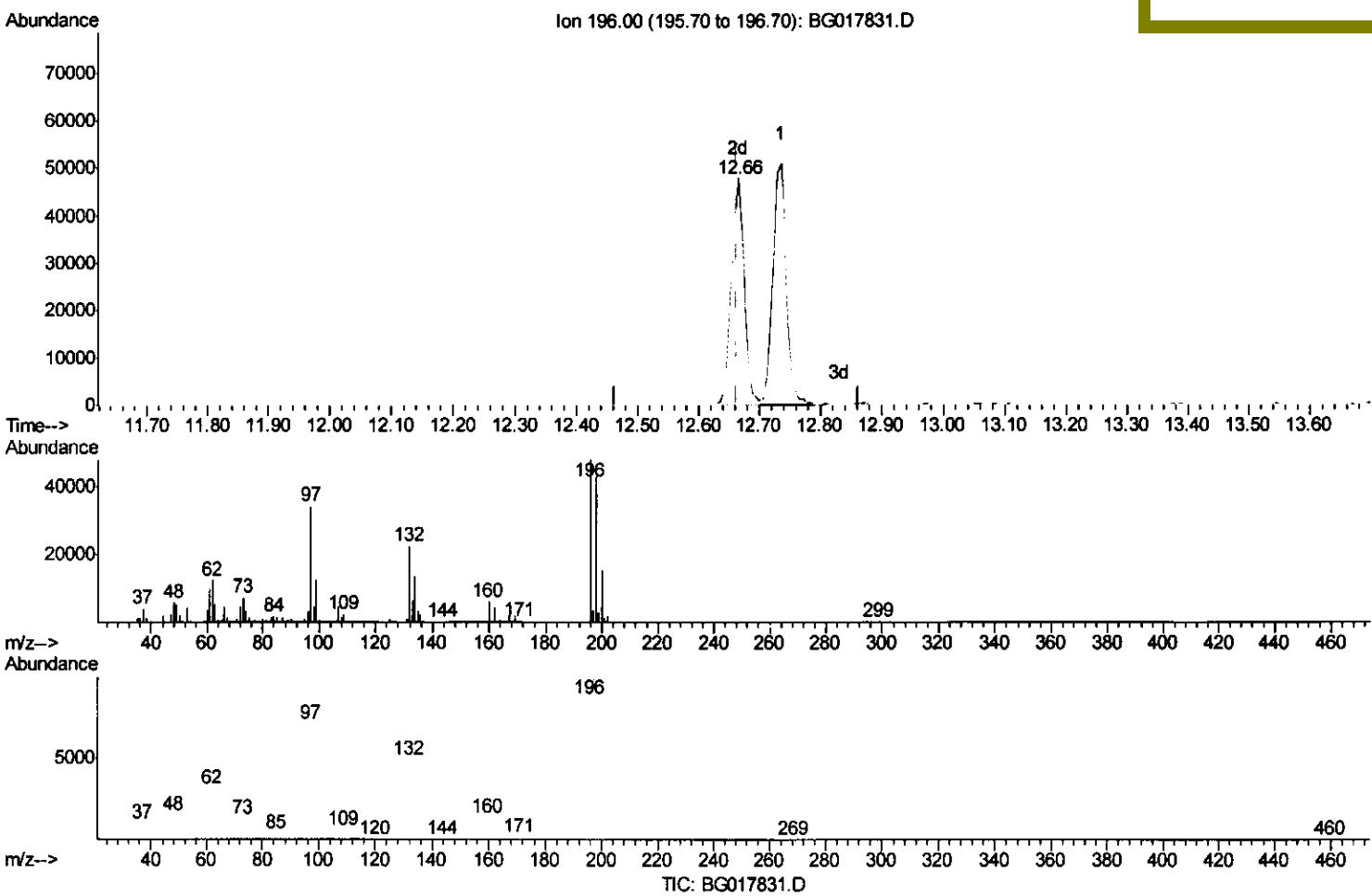

(38) 2,4,6-Trichlorophenol (C)

12.665min (+0.002) 19.03ng/ul m

response 69105

T.P 7/15/15

Ion	Exp%	Act%
196.00	100	100
198.00	91.20	89.69
200.00	25.80	32.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

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LabSampleId :
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apatel
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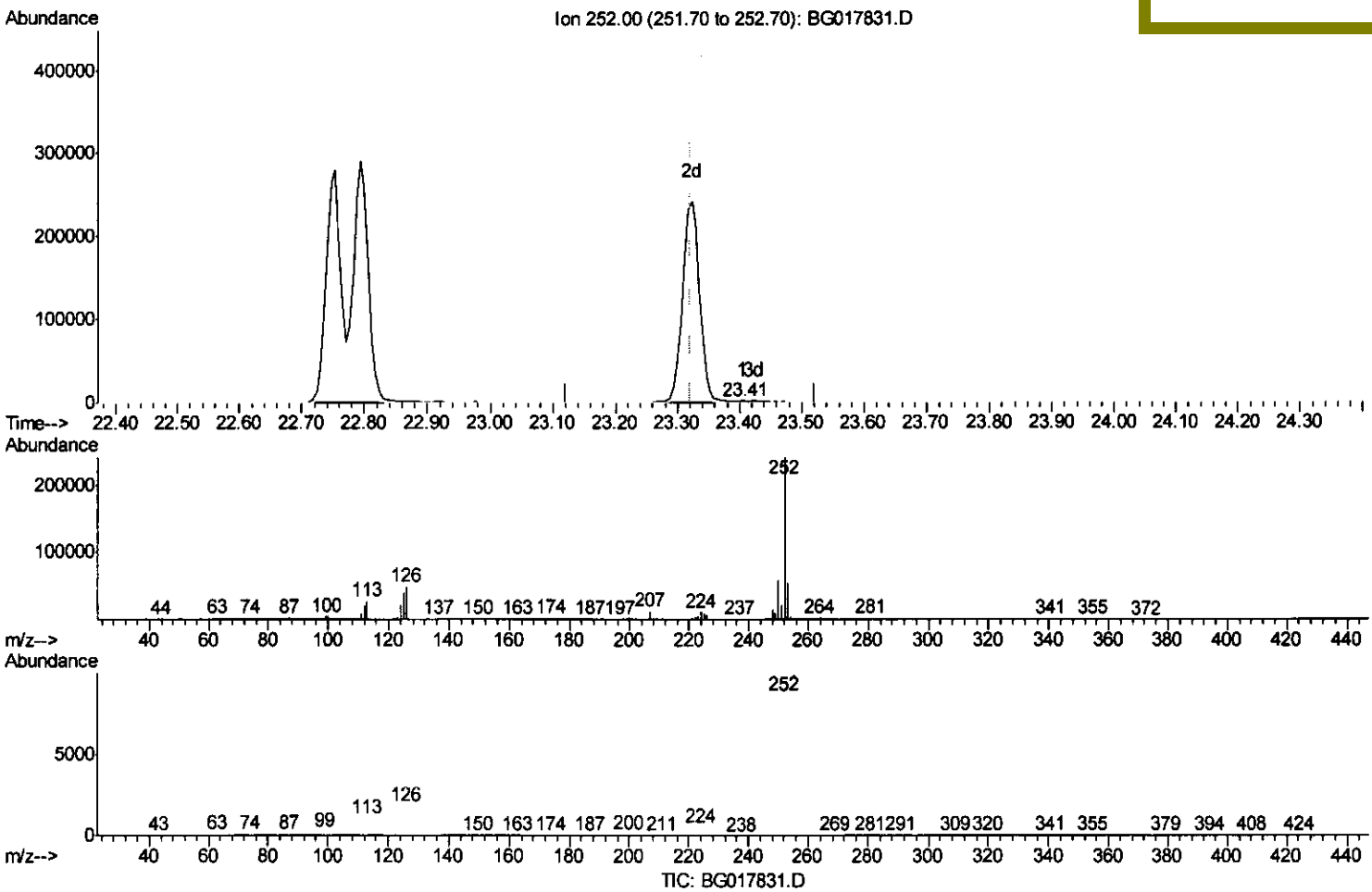

(90) Benzo(a)pyrene (C)

23.405min (+0.084) 0.08ng/ul

response 1686

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.87
125.00	13.50	14.78
0.00	0.00	0.00

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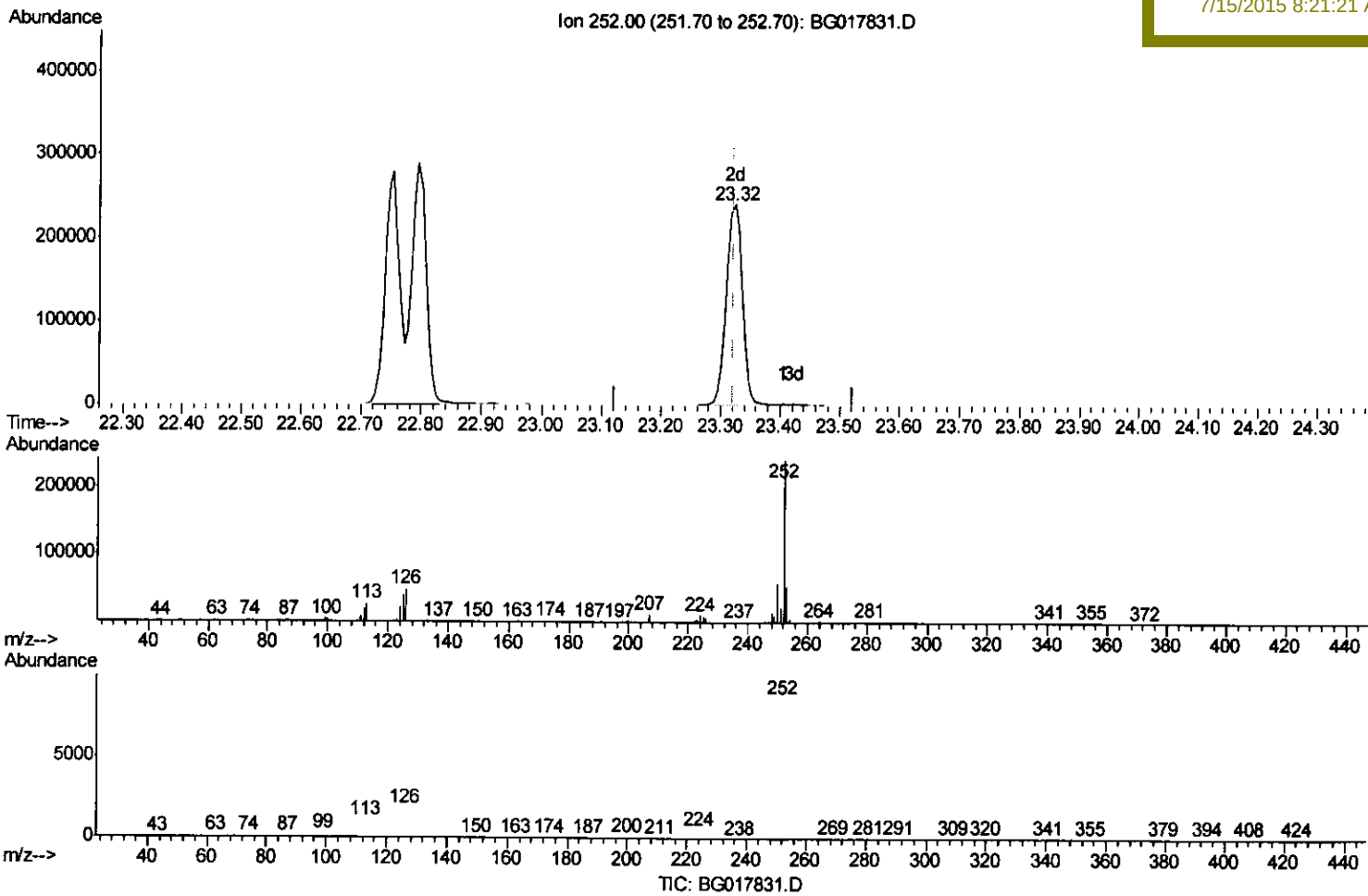

TIC: BG017831.D

(90) Benzo(a)pyrene (C)

23.323min (+0.002) 20.92ng/ul m

response 456775

T.P 7/15/15

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.61
125.00	13.50	16.54#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	76440	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	341489	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	203004	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	409575	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	420775	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	392735	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	16390	8.65	ng/uL	0.00
5) Phenol-d5	6.77	99	143608	19.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	91231	21.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	116425	19.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	114324	18.71	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	60138	20.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	53967	18.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	99948	19.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	152422	21.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	307040	19.88	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	379709	20.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	57386	17.43	ng/ul	0.00
57) Fluorene-d10	15.24	176	267049	19.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	43813	17.71	ng/ul	0.00
70) Anthracene-d10	17.10	188	389340	20.33	ng/ul	0.00
78) Pyrene-d10	19.40	212	425303	20.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	405450	20.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	18136	9.05	ng/uL#	88
4) Benzaldehyde	6.74	77	105949	23.94	ng/ul	97
6) Phenol	6.80	94	155235	19.76	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	121616	21.13	ng/ul	96
10) 2-Chlorophenol	7.15	128	113839	19.45	ng/ul	100
11) 2-Methylphenol	8.04	108	111575	18.69	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	181457	21.06	ng/ul	100
14) Acetophenone	8.41	105	179789	20.04	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	108136	19.43	ng/ul	96
16) 4-Methylphenol	8.36	108	124256	18.44	ng/ul	95
17) Hexachloroethane	8.66	117	51936	21.47	ng/ul	93
20) Nitrobenzene	8.78	77	147610	21.55	ng/ul	96
21) Isophorone	9.30	82	283218	20.89	ng/ul	99
23) 2-Nitrophenol	9.49	139	60675	19.34	ng/ul	99
24) 2,4-Dimethylphenol	9.56	107	136809	20.67	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.80	93	151147	20.85	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	97315	19.53	ng/ul	95
28) Naphthalene	10.42	128	371866	20.77	ng/ul	99
30) 4-Chloroaniline	10.53	127	156409	22.57	ng/ul	100
31) Hexachlorobutadiene	10.71	225	56607	21.05	ng/ul	94
32) Caprolactam	11.29	113	74096	18.63	ng/ul	85
33) 4-Chloro-3-methylphenol	11.67	107	121177	18.97	ng/ul	93
34) 2-Methylnaphthalene	12.04	142	258803	20.02	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	106572	20.32 ng/ul	94
37) Hexachlorocyclopentadiene	12.40	237	62857	21.08 ng/ul	93
38) 2,4,6-Trichlorophenol	12.66	196	69105m	19.03 ng/ul	
39) 2,4,5-Trichlorophenol	12.74	196	77228	19.48 ng/ul	96
40) 1,1'-Biphenyl	13.07	154	322107	20.63 ng/ul	98
41) 2-Chloronaphthalene	13.11	162	242962	20.53 ng/ul	98
42) 2-Nitroaniline	13.32	65	86383	19.86 ng/ul	90
44) Dimethylphthalate	13.71	163	314036	19.80 ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	61630	18.67 ng/ul#	87
47) Acenaphthylene	13.96	152	416150	20.51 ng/ul	99
48) 3-Nitroaniline	14.16	138	76682	21.23 ng/ul#	96
49) Acenaphthene	14.31	153	277965	20.52 ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	28057	16.27 ng/ul	97
52) 4-Nitrophenol	14.47	109	50388	18.97 ng/ul	93
53) Dibenzofuran	14.64	168	373876	20.28 ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	88911	19.14 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.87	232	61594	18.45 ng/ul	90
56) Diethylphthalate	15.09	149	336060	19.76 ng/ul	97
58) Fluorene	15.30	166	323199	19.74 ng/ul	94
59) 4-Chlorophenyl-phenylether	15.30	204	147715	19.60 ng/ul	91
60) 4-Nitroaniline	15.32	138	85455	20.16 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.39	198	49467	18.83 ng/ul#	99
64) N-Nitrosodiphenylamine	15.51	169	267147	20.87 ng/ul	98
65) 4-Bromophenyl-phenylether	16.20	248	84241	20.57 ng/ul	96
66) Hexachlorobenzene	16.30	284	89871	20.45 ng/ul#	90
67) Atrazine	16.47	200	100658	21.26 ng/ul	94
68) Pentachlorophenol	16.65	266	48089	17.64 ng/ul	92
69) Phenanthrene	17.04	178	473466	20.67 ng/ul	99
71) Anthracene	17.13	178	492735	20.94 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.04	216	110414	22.41 ng/uL	95
73) Pentachlorobenzene	14.57	250	107774	21.22 ng/uL	99
74) Carbazole	17.41	167	451625	21.63 ng/ul	99
75) Di-n-butylphthalate	17.98	149	594380	20.78 ng/ul	98
76) Fluoranthene	19.06	202	510850	21.78 ng/ul#	94
79) Pyrene	19.43	202	550530	21.02 ng/ul	99
80) Butylbenzylphthalate	20.35	149	265609	21.58 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.13	252	164435	21.95 ng/ul	96
82) Benzo(a)anthracene	21.18	228	489082	20.57 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	369949	21.94 ng/ul	99
84) Chrysene	21.24	228	471242	21.14 ng/ul	98
86) Di-n-octyl phthalate	22.01	149	602496	23.96 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	459233	20.22 ng/ul	99
88) Benzo(k)fluoranthene	22.79	252	465067	21.51 ng/ul	99
90) Benzo(a)pyrene	23.32	252	456775m	20.92 ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.66	276	497050	20.24 ng/ul	96
92) Dibenzo(a,h)anthracene	25.68	278	419205	19.90 ng/ul	97
93) Benzo(g,h,i)perylene	26.35	276	413329	20.31 ng/ul	97

T.P 7/15/15

T.P 7/15/15

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