Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG080315\
Data File : BG018242.D
Acq On : 3 Aug 2015 14:08
Operator : UM/TP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 04 02:53:04 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02057

Manual Integrations APPROVED
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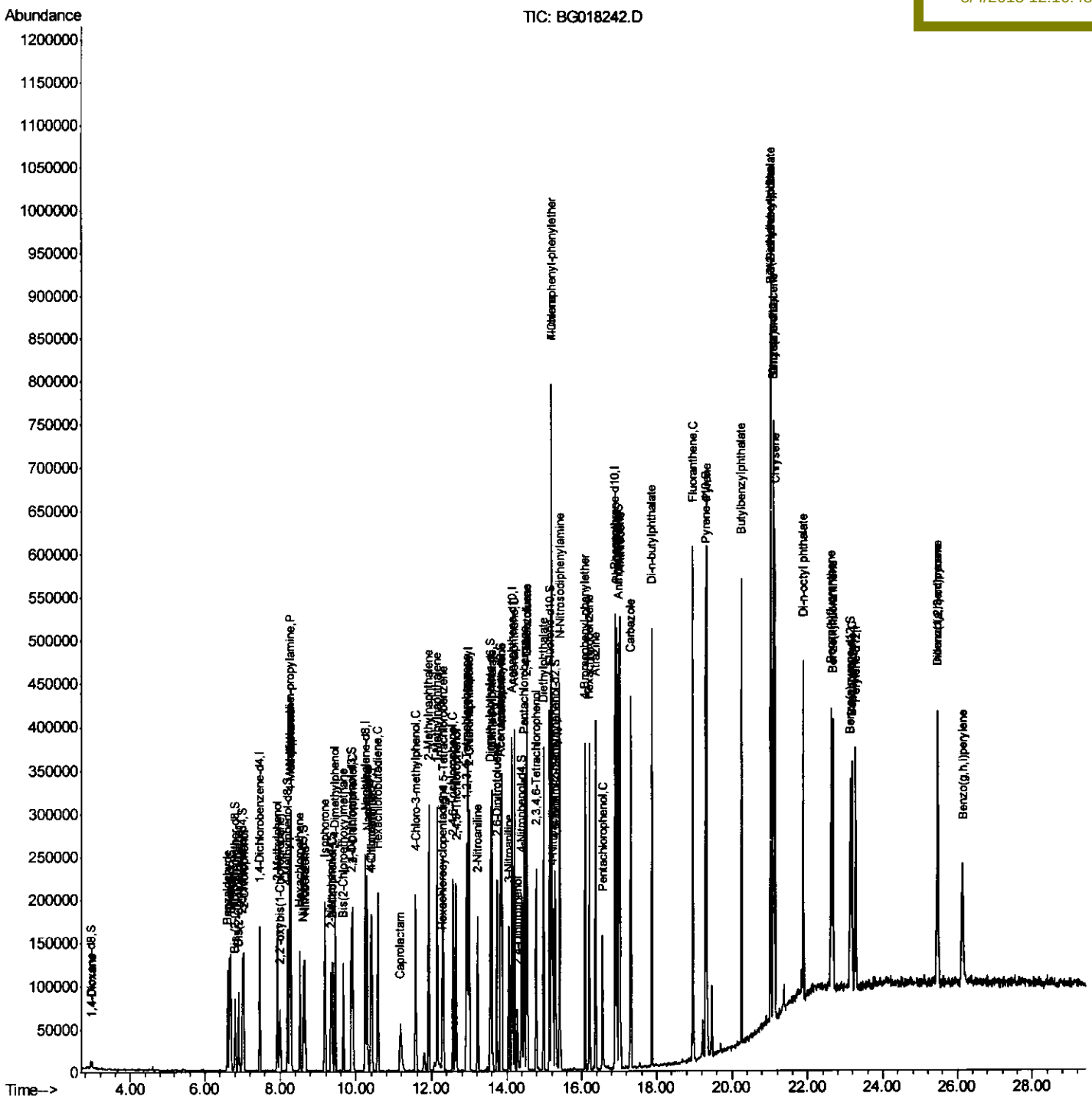

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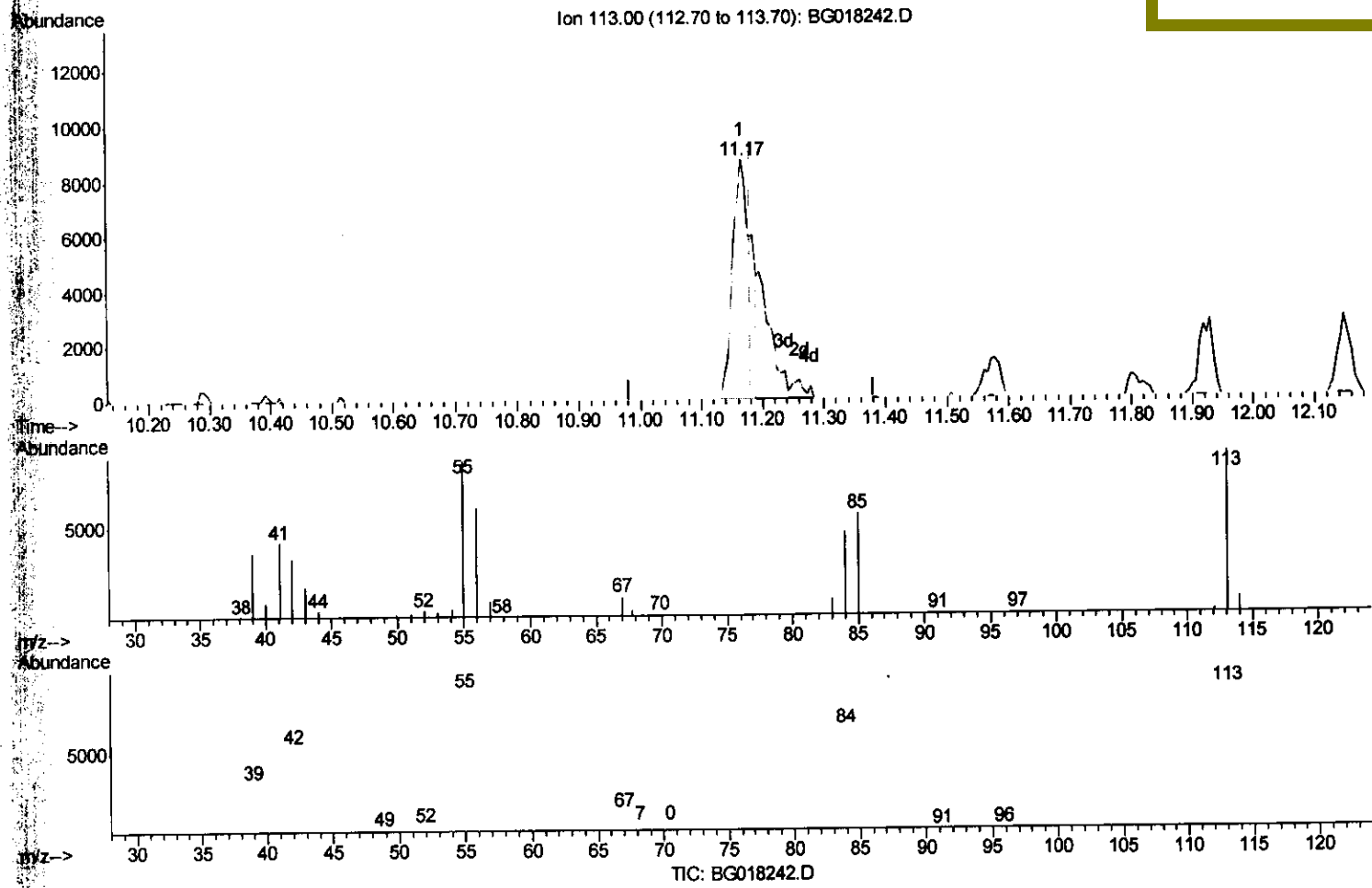

(32) Caprolactam

11.166min (-0.015) 12.72ng/ul

response 18266

Ion	Exp%	Act%
113.00	100	100
55.00	80.70	96.37
56.00	66.50	68.57
0.00	0.00	0.00

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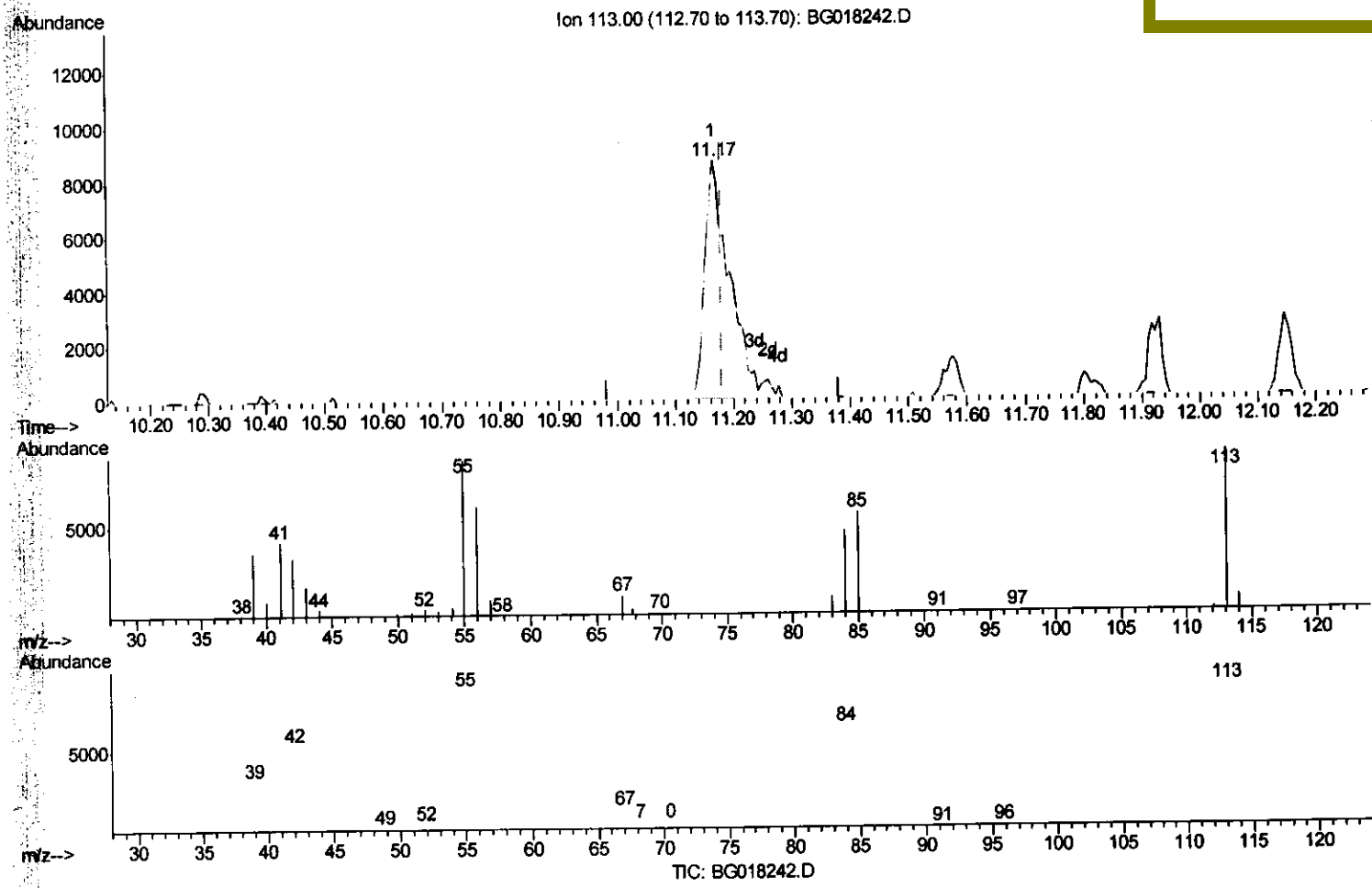

(32) Caprolactam

11.166min (-0.015) 18.24ng/ul m

response 26186

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Ion	Exp%	Act%
113.00	100	100
55.00	80.70	96.37
56.00	66.50	68.57
0.00	0.00	0.00

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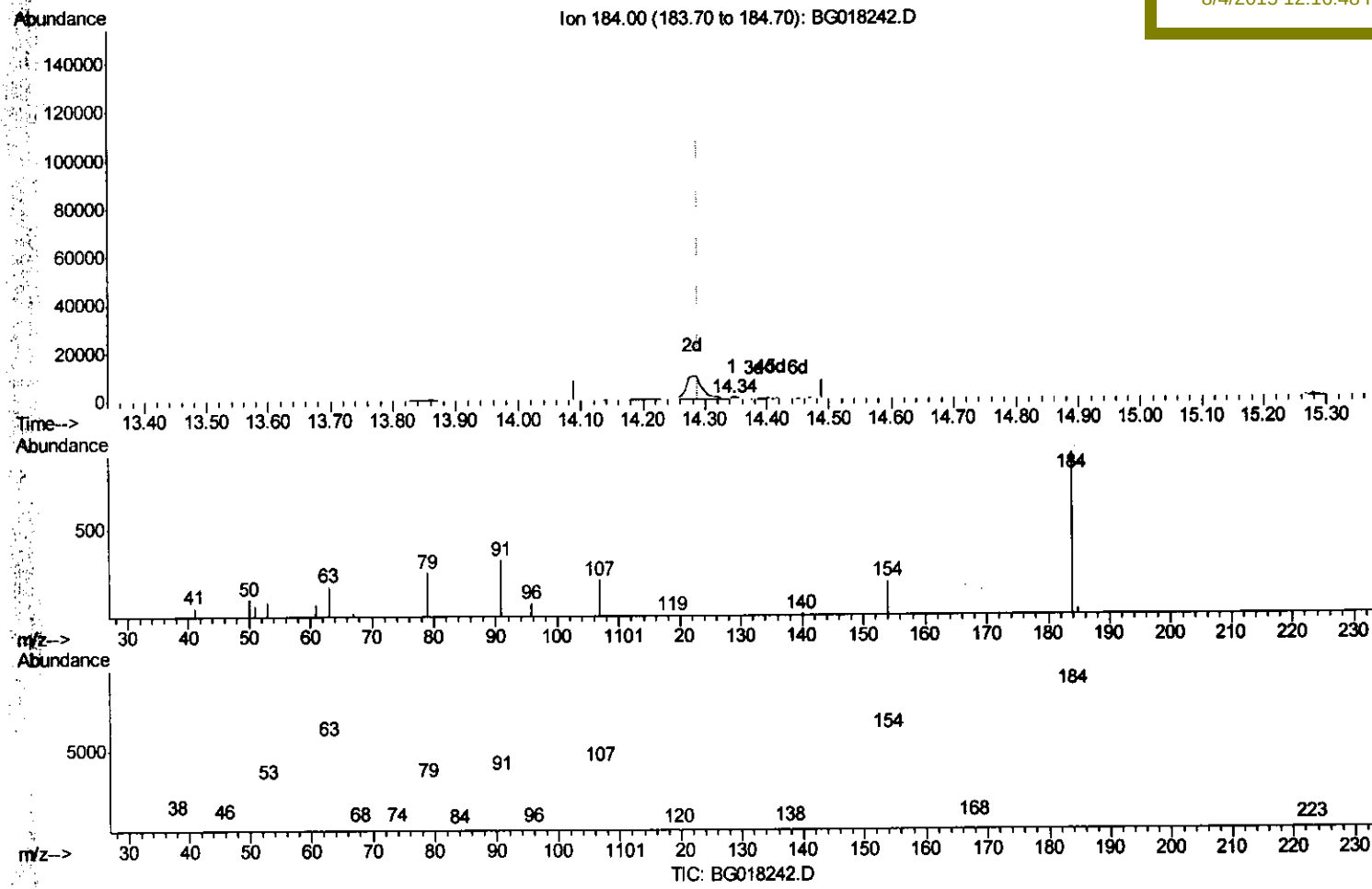

(51) 2,4-Dinitrophenol

14.344min (+0.055) 0.66ng/ul

response 860

Ion	Exp%	Act%
184.00	100	100
63.00	39.80	35.20
154.00	41.10	36.73
0.00	0.00	0.00

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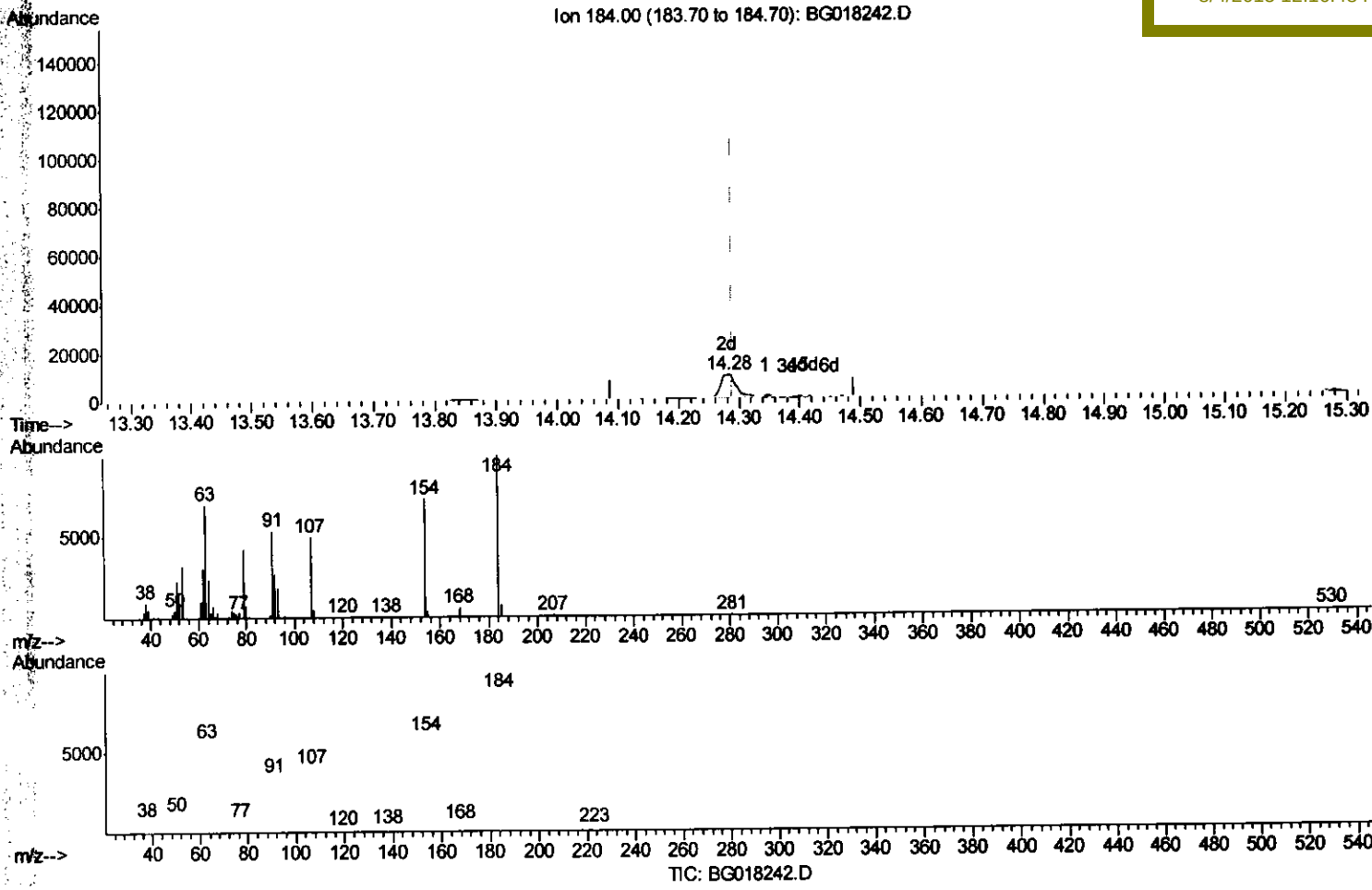

TIC: BG018242.D

(51) 2,4-Dinitrophenol

14.280min (-0.009) 13.75ng/ul m

response 18034

Ion	Exp%	Act%
184.00	100	100
63.00	39.80	70.67#
154.00	41.10	73.61#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	41958	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.24	136	189177	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	125479	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	291301	20.00	ng/ul	-0.02
78) Chrysene-d12	21.11	240	262935	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	186823	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.94	96	3941	7.09	ng/uL	-0.02
5) Phenol-d5	6.66	99	66852	17.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	33060	17.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	54108	18.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	52963	17.24	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	29705	19.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	33298	19.47	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.88	165	58116	19.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	76214	20.23	ng/ul	-0.02
44) Dimethylphthalate-d6	13.56	166	190596	19.66	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	213816	19.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	29664	16.53	ng/ul	0.00
58) Fluorene-d10	15.14	176	168723	19.23	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.28	200	35561	17.48	ng/ul	0.00
71) Anthracene-d10	16.99	188	254259	20.07	ng/ul	0.00
79) Pyrene-d10	19.30	212	268116	21.08	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.13	264	186001	19.69	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.98	88	5153	8.04	ng/uL#	74
4) Benzaldehyde	6.61	77	36700	17.99	ng/ul	82
6) Phenol	6.69	94	65133	17.00	ng/ul#	82
8) Bis(2-Chloroethyl)ether	6.89	93	48322	17.42	ng/ul	95
10) 2-Chlorophenol	7.03	128	53338	19.33	ng/ul#	83
11) 2-Methylphenol	7.93	108	51950	17.18	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.00	45	38269	15.68	ng/ul#	91
14) Acetophenone	8.28	105	86112	18.01	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.27	70	45143	16.64	ng/ul#	93
16) 4-Methylphenol	8.26	108	57818	17.28	ng/ul	100
17) Hexachloroethane	8.52	117	23840	18.61	ng/ul	96
20) Nitrobenzene	8.66	77	64723	18.17	ng/ul	90
21) Isophorone	9.18	82	133362	18.10	ng/ul#	91
23) 2-Nitrophenol	9.37	139	33889	19.42	ng/ul#	77
24) 2,4-Dimethylphenol	9.45	107	75081	19.98	ng/ul#	79
25) Bis(2-Chloroethoxy)methane	9.67	93	68027	17.86	ng/ul#	95
27) 2,4-Dichlorophenol	9.91	162	56524	19.25	ng/ul#	90
28) Naphthalene	10.29	128	172274	18.91	ng/ul	98
30) 4-Chloroaniline	10.41	127	76753	20.20	ng/ul	96
31) Hexachlorobutadiene	10.57	225	42281	20.65	ng/ul	97
32) Caprolactam	11.17	113	26186m	18.24	ng/ul	
33) 4-Chloro-3-methylphenol	11.58	107	69689	18.60	ng/ul#	78
34) 2-Methylnaphthalene	11.92	142	138154	19.16	ng/ul	96

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	131489	19.01	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.31	216	71878	20.42	ng/ul#	91
38) Hexachlorocyclopentadiene	12.28	237	25385	14.08	ng/ul	92
39) 2,4,6-Trichlorophenol	12.56	196	51091	21.56	ng/ul	99
40) 2,4,5-Trichlorophenol	12.64	196	52429	20.44	ng/ul	97
41) 1,1'-Biphenyl	12.96	154	174706	19.48	ng/ul#	95
42) 2-Chloronaphthalene	13.00	162	136445	20.14	ng/ul#	92
43) 2-Nitroaniline	13.22	65	44065	18.90	ng/ul#	70
45) Dimethylphthalate	13.60	163	185858	19.27	ng/ul	99
46) 2,6-Dinitrotoluene	13.73	165	41889	18.92	ng/ul#	75
48) Acenaphthylene	13.86	152	223901	20.05	ng/ul	97
49) 3-Nitroaniline	14.06	138	39057	20.03	ng/ul#	69
50) Acenaphthene	14.20	153	146990	20.21	ng/ul	98
51) 2,4-Dinitrophenol	14.28	184	18034m	13.75	ng/ul	
53) 4-Nitrophenol	14.40	109	32213	17.78	ng/ul#	68
54) Dibenzofuran	14.54	168	212617	19.41	ng/ul#	84
55) 2,4-Dinitrotoluene	14.53	165	59255	18.43	ng/ul#	63
56) 2,3,4,6-Tetrachlorophenol	14.79	232	45752	18.12	ng/ul#	94
57) Diethylphthalate	14.98	149	199499	19.96	ng/ul	97
59) Fluorene	15.20	166	180850	19.13	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.20	204	95639	18.74	ng/ul#	87
61) 4-Nitroaniline	15.23	138	39782	18.15	ng/ul#	38
64) 4,6-Dinitro-2-methylphenol	15.30	198	37820	17.59	ng/ul#	90
65) N-Nitrosodiphenylamine	15.41	169	155381	20.58	ng/ul	98
66) 4-Bromophenyl-phenylether	16.09	248	65422	21.20	ng/ul	88
67) Hexachlorobenzene	16.21	284	77978	20.93	ng/ul	95
68) Atrazine	16.38	200	70483	21.22	ng/ul	95
69) Pentachlorophenol	16.56	266	29506	14.50	ng/ul	94
70) Phenanthrene	16.94	178	290218	19.61	ng/ul	98
72) Anthracene	17.03	178	291765	19.82	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	70906	21.58	ng/uL	96
74) Pentachlorobenzene	14.46	250	79685	21.64	ng/uL	94
75) Carbazole	17.31	167	258261	21.11	ng/ul	98
76) Di-n-butylphthalate	17.88	149	345830	21.25	ng/ul#	97
77) Fluoranthene	18.97	202	333825	20.54	ng/ul	97
80) Pyrene	19.33	202	332358	20.84	ng/ul#	96
81) Butylbenzylphthalate	20.25	149	136856	21.13	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.03	252	110188	19.87	ng/ul#	93
83) Benzo(a)anthracene	21.09	228	271758	19.19	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	175329	20.06	ng/ul	94
85) Chrysene	21.14	228	250518	19.31	ng/ul	100
87) Di-n-octyl phthalate	21.89	149	230606	23.37	ng/ul	100
88) Benzo(b)fluoranthene	22.62	252	224628	20.01	ng/ul#	95
89) Benzo(k)fluoranthene	22.67	252	204832	19.86	ng/ul#	94
91) Benzo(a)pyrene	23.18	252	196844	19.60	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.46	276	227477	19.58	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.47	278	196440	19.75	ng/ul#	89
94) Benzo(g,h,i)perylene	26.14	276	185225	19.53	ng/ul#	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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