Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042817\

Quantitation Report (Qedit)

Data File : BG026758.D
Acq On : 28 Apr 2017 22:18
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 29 00:40:46 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 29 00:39:01 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02062

Manual Integrations APPROVED
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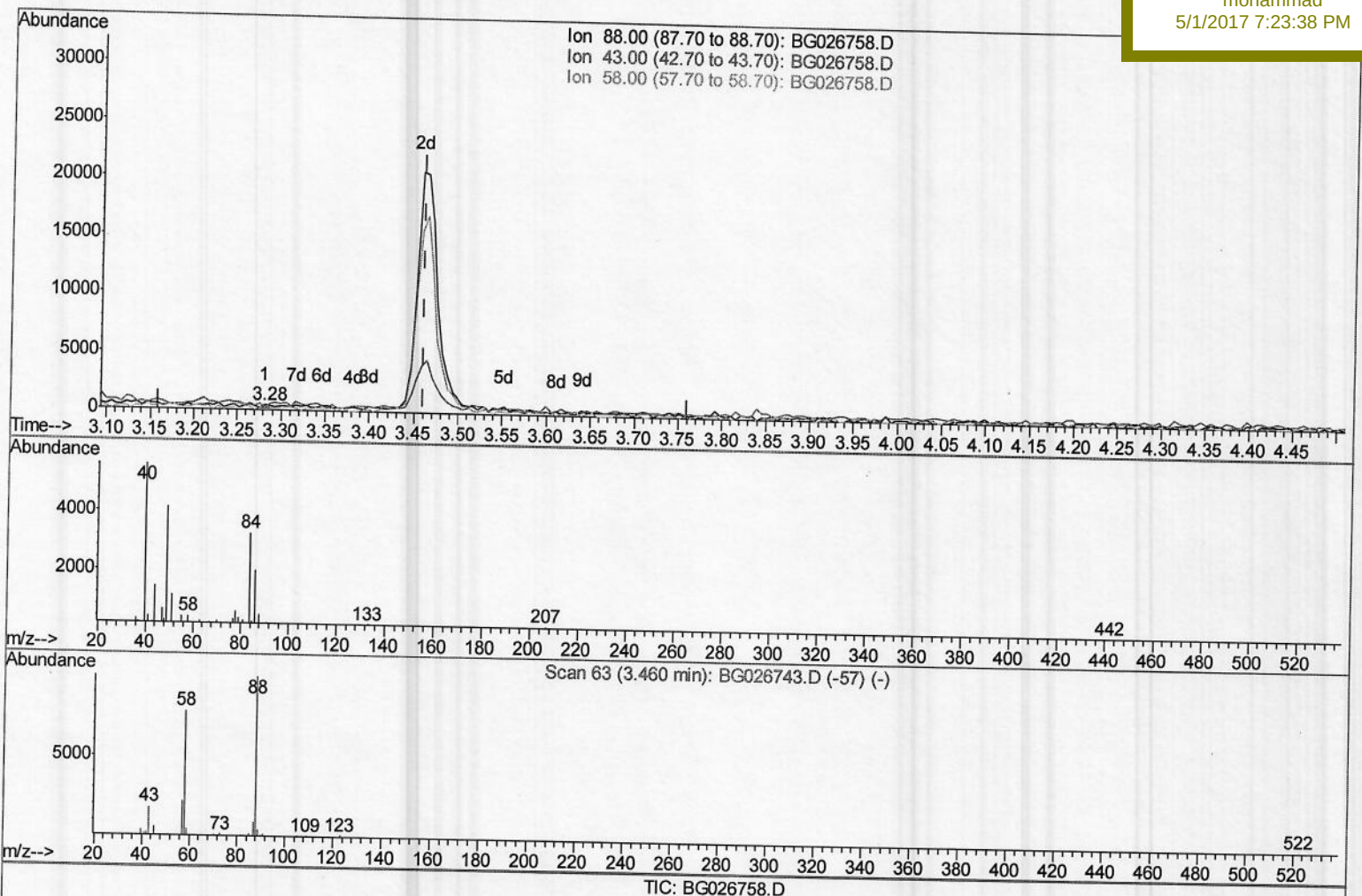

TIC: BG026758.D

(2) 1,4-Dioxane

3.282min (-0.179) 0.03ng/uL

response 142

Ion	Exp%	Act%
88.00	100	100
43.00	49.00	46.41
58.00	86.70	87.44
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042817\

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Manual Integrations APPROVED
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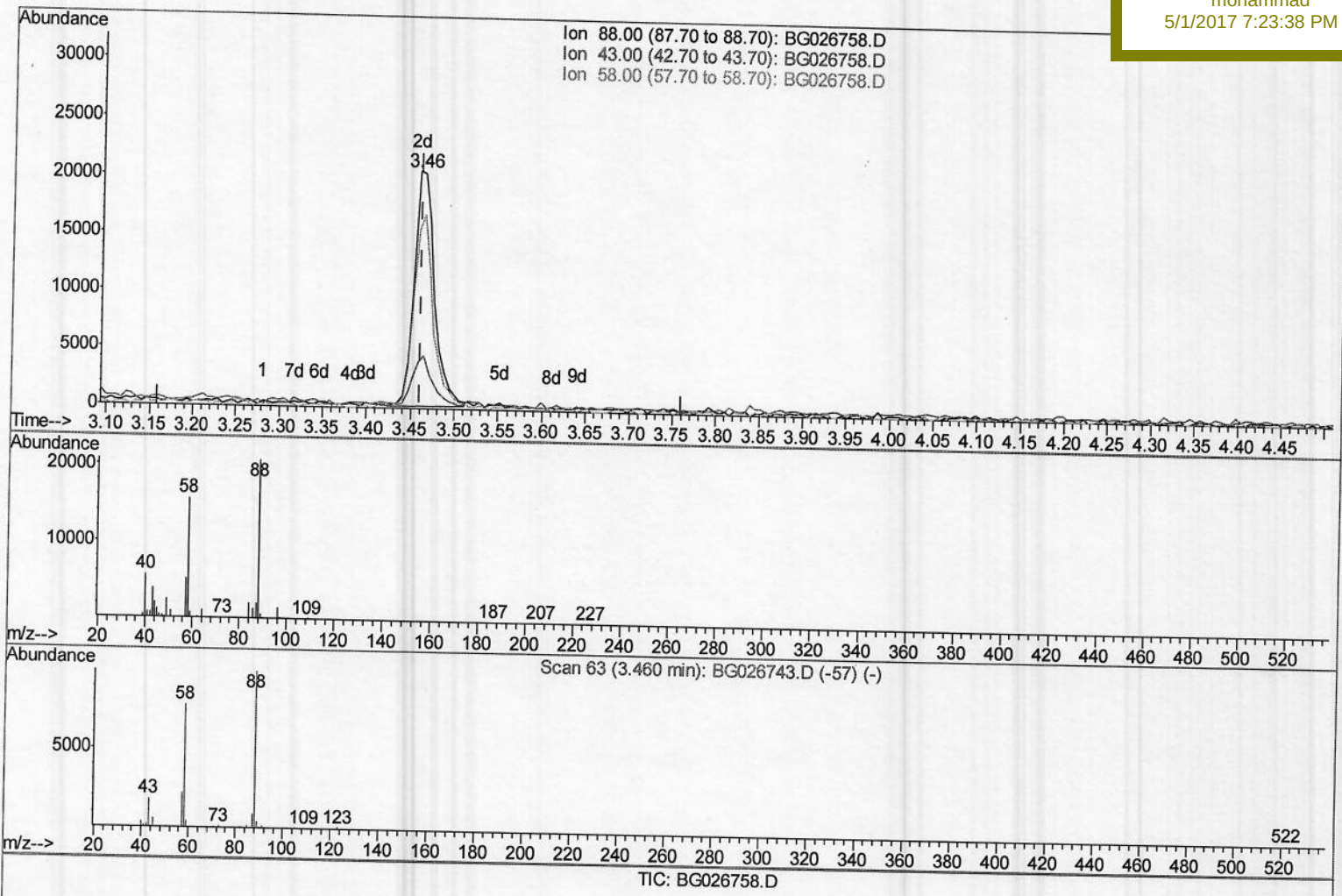

TIC: BG026758.D

(2) 1,4-Dioxane

3.458min (-0.003) 7.17ng/uL m

response 32421

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Ion	Exp%	Act%
88.00	100	100
43.00	49.00	19.31#
58.00	86.70	75.58
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042817\

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Manual Integrations APPROVED
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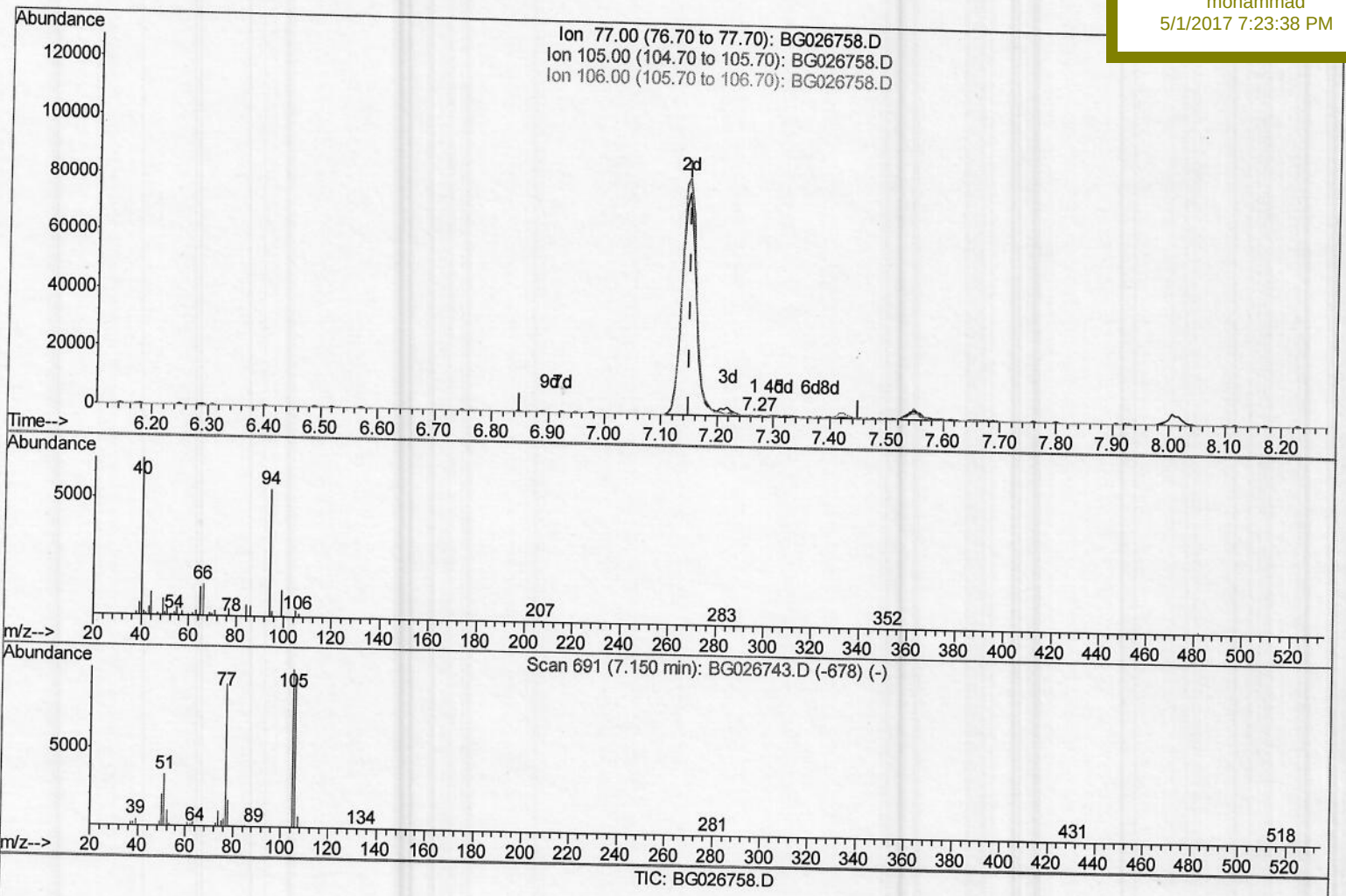

TIC: BG026758.D

(4) Benzaldehyde

7.265min (+0.115) 0.04ng/ul

response 314

Ion	Exp%	Act%
77.00	100	100
105.00	77.50	90.54
106.00	75.30	64.09
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042817\

Quantitation Report (Qedit)

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LabSampleId :
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Manual Integrations APPROVED
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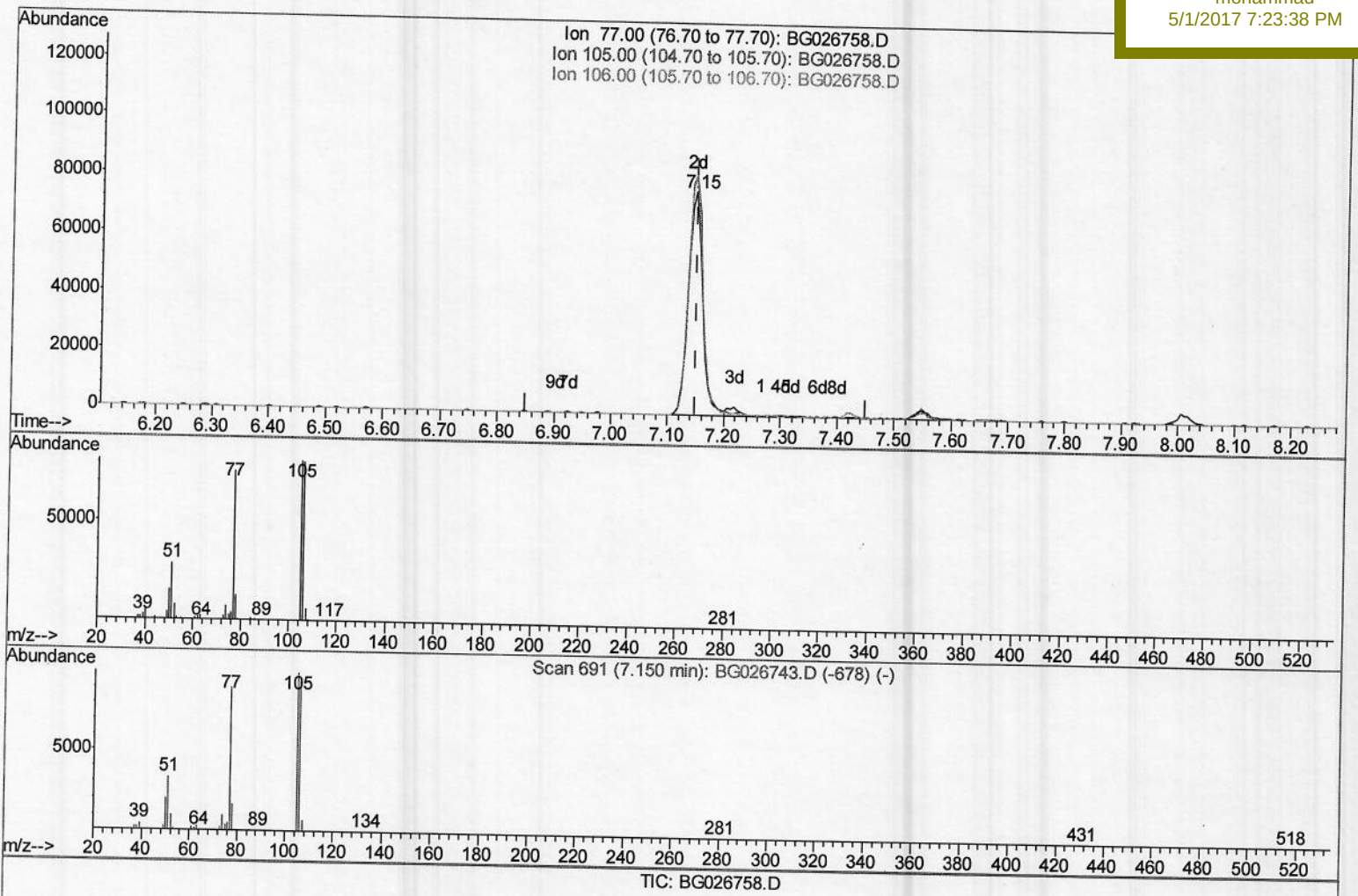

TIC: BG026758.D

(4) Benzaldehyde

7.148min (-0.003) 17.13ng/ul m > S.J 05/04/17

response 131771

Ion	Exp%	Act%
77.00	100	100
105.00	77.50	106.96#
106.00	75.30	106.53#
0.00	0.00	0.00

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Data File : BG026758.D
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Quantitation Report (Qedit)

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Instrument :
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Manual Integrations APPROVED
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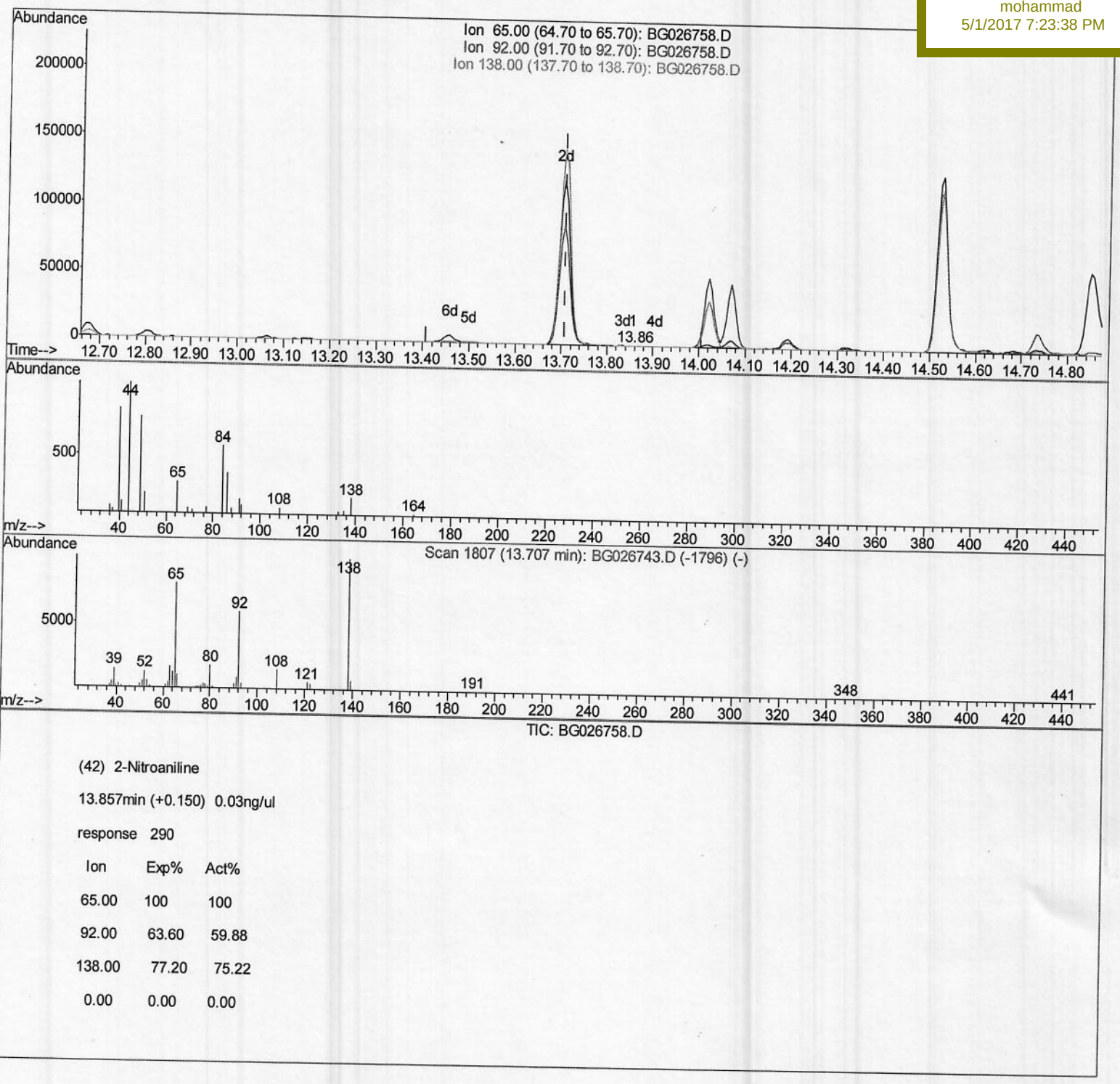

(42) 2-Nitroaniline

13.857min (+0.150) 0.03ng/ul

response 290

Ion	Exp%	Act%
65.00	100	100
92.00	63.60	59.88
138.00	77.20	75.22
0.00	0.00	0.00

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Manual Integrations APPROVED
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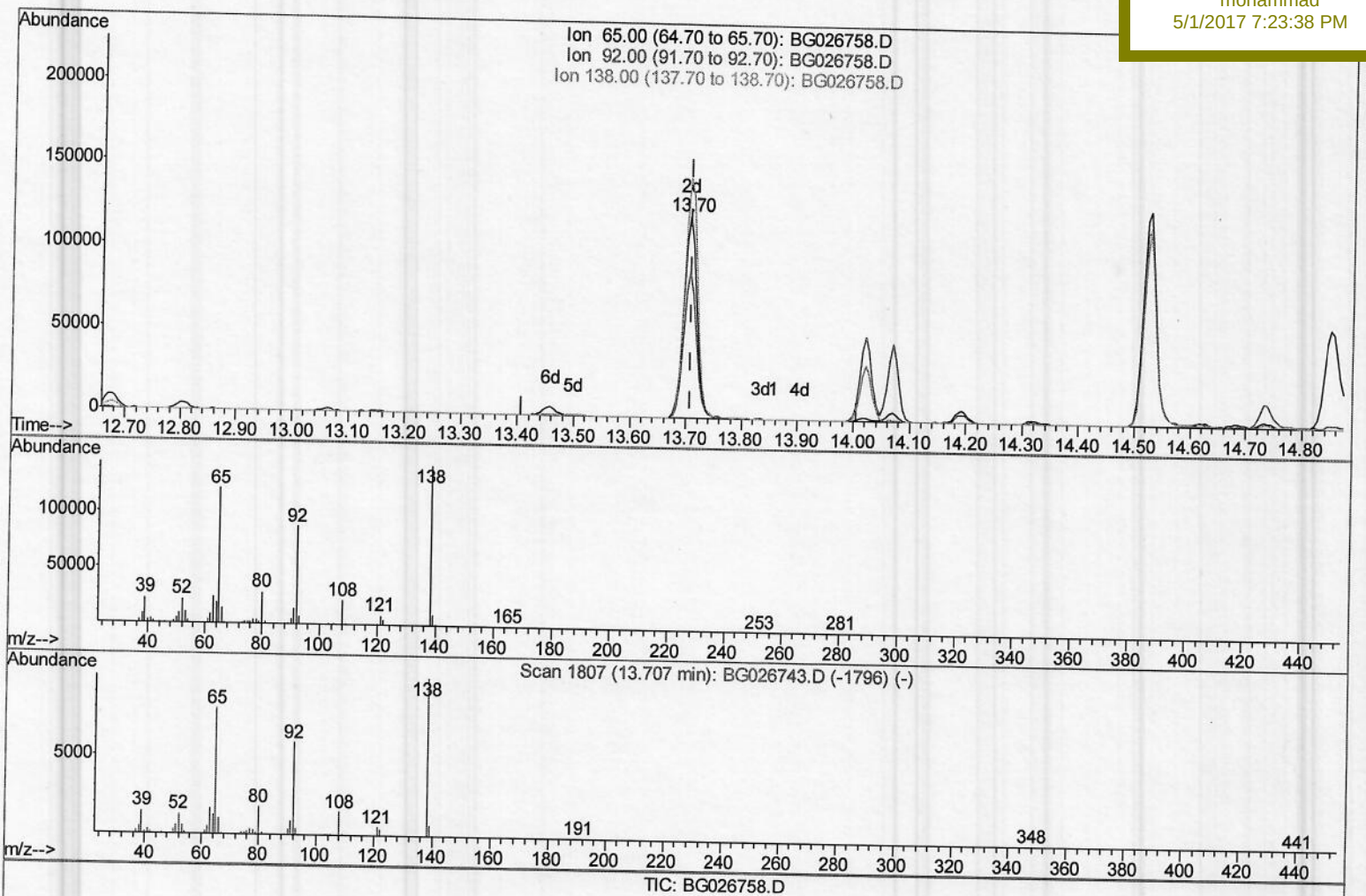

TIC: BG026758.D

(42) 2-Nitroaniline

13.705min (-0.003) 21.58ng/ul m

response 200764

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Ion	Exp%	Act%
65.00	100	100
92.00	63.60	72.39
138.00	77.20	118.80#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042817\

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BNA_G
LabSampleId :
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Manual Integrations APPROVED
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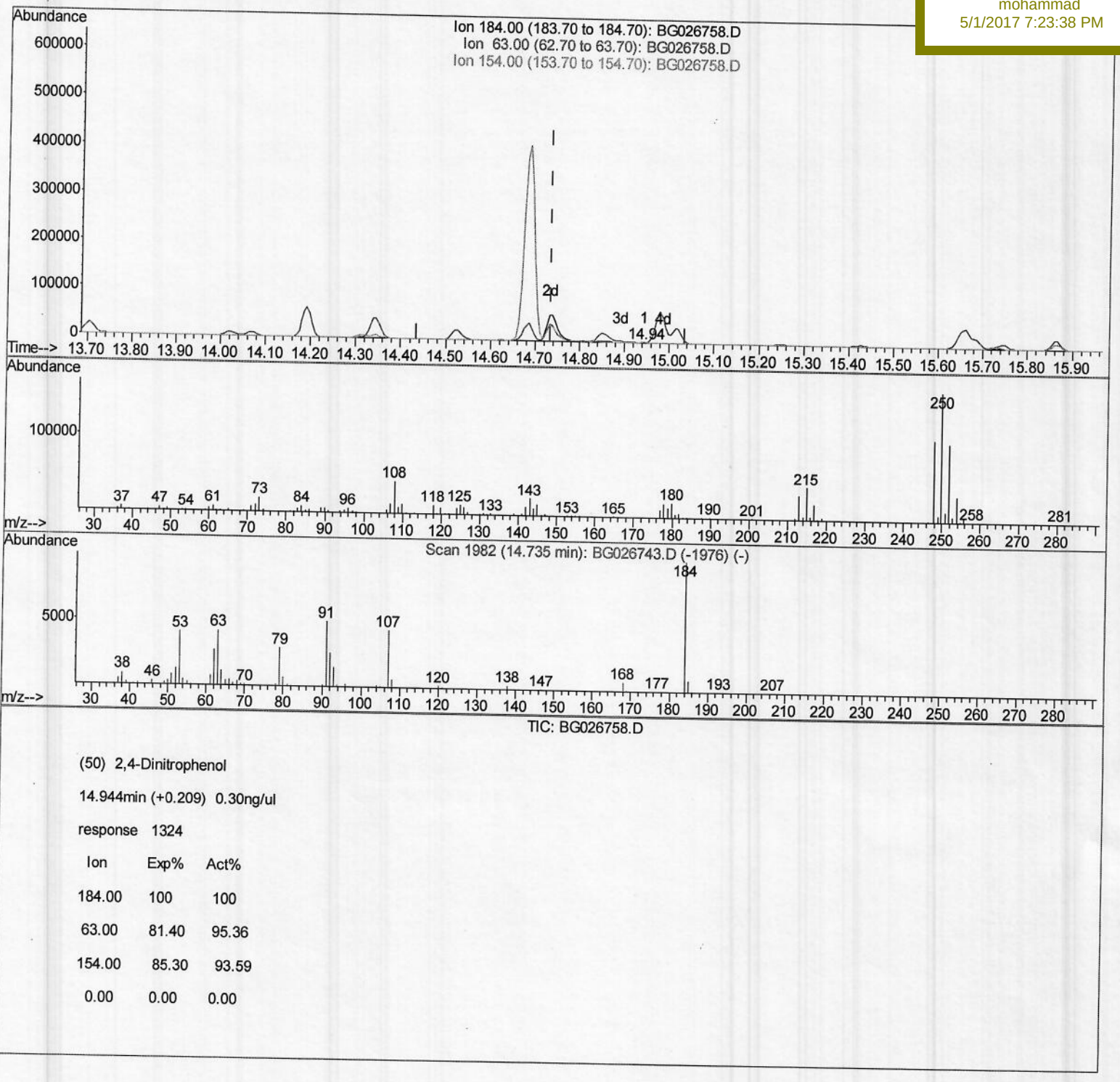
5/1/2017 7:23:38 PM



TIC: BG026758.D

(50) 2,4-Dinitrophenol

14.944min (+0.209) 0.30ng/ul

response 1324

Ion	Exp%	Act%
184.00	100	100
63.00	81.40	95.36
154.00	85.30	93.59
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042817\

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Misc :
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Instrument :
BNA_G
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Manual Integrations APPROVED
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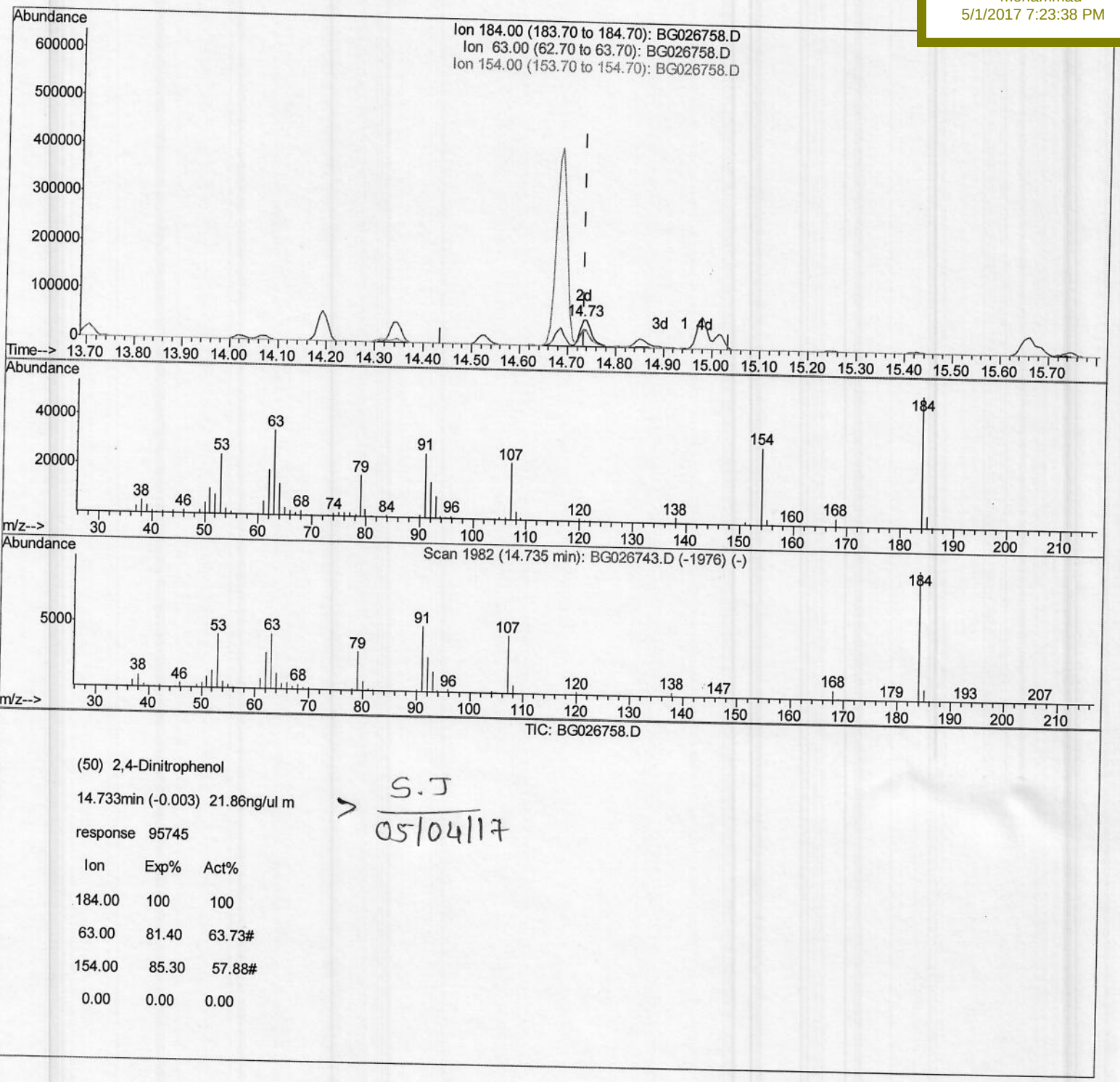

(50) 2,4-Dinitrophenol

14.733min (-0.003) 21.86ng/ul m

response 95745

Ion	Exp%	Act%
184.00	100	100
63.00	81.40	63.73#
154.00	85.30	57.88#
0.00	0.00	0.00

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Quantitation Report (QT Reviewed)

Quant Time: Apr 29 01:24:32 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 29 00:39:01 2017
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Instrument : BNA_G
LabSampleId : SSTD02062

Manual Integrations APPROVED
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5/1/2017 7:23:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	178363	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	884611	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	515123	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	1009261	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	909719	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	943222	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	31680	8.00	ng/uL	0.00
5) Phenol-d5	7.19	99	346309	21.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	192804	20.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	280094	20.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	288853	21.86	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	148293	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	166344	20.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	270776	21.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	392027	22.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	810407	19.55	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	1045186	20.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	150021	20.07	ng/ul	0.00
57) Fluorene-d10	15.61	176	719068	19.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	123730	20.19	ng/ul	0.00
70) Anthracene-d10	17.45	188	974661	19.90	ng/ul	0.00
76) Pyrene-d10	19.73	212	925215	19.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	894326	20.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	32421m	7.17	ng/uL	
4) Benzaldehyde	7.15	77	131771m	17.13	ng/ul	
6) Phenol	7.21	94	352692	21.86	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.42	93	248881	19.98	ng/ul	86
10) 2-Chlorophenol	7.58	128	271131	20.39	ng/ul#	78
11) 2-Methylphenol	8.46	108	281220	22.02	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.54	45	275128	21.17	ng/ul#	88
14) Acetophenone	8.83	105	410704	21.16	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.81	70	192792	20.14	ng/ul#	70
16) 4-Methylphenol	8.79	108	309651	22.17	ng/ul	96
17) Hexachloroethane	9.09	117	99325	19.86	ng/ul#	72
20) Nitrobenzene	9.21	77	284323	19.93	ng/ul#	75
21) Isophorone	9.73	82	547874	20.00	ng/ul#	90
23) 2-Nitrophenol	9.92	139	173445	20.51	ng/ul#	60
24) 2,4-Dimethylphenol	9.99	107	324446	21.05	ng/ul#	80
25) Bis(2-Chloroethoxy)methane	10.21	93	368079	19.67	ng/ul#	93
27) 2,4-Dichlorophenol	10.47	162	270175	21.20	ng/ul	94
28) Naphthalene	10.86	128	908407	19.73	ng/ul	97
30) 4-Chloroaniline	10.97	127	366561	22.72	ng/ul	95
31) Hexachlorobutadiene	11.14	225	122119	18.94	ng/ul#	86
32) Caprolactam	11.71	113	105031	22.06	ng/ul#	57
33) 4-Chloro-3-methylphenol	12.10	107	315036	22.80	ng/ul#	81
34) 2-Methylnaphthalene	12.46	142	697922	20.42	ng/ul	96

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Quantitation Report (QT Reviewed)

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5/1/2017 7:23:38 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	262727	19.34 ng/ul#	93
37) Hexachlorocyclopentadiene	12.81	237	117021	19.56 ng/ul	96
38) 2,4,6-Trichlorophenol	13.07	196	196953	21.08 ng/ul	95
39) 2,4,5-Trichlorophenol	13.15	196	209584	21.70 ng/ul	94
40) 1,1'-Biphenyl	13.46	154	850459	19.64 ng/ul	97
41) 2-Chloronaphthalene	13.50	162	632246	19.42 ng/ul	94
42) 2-Nitroaniline	13.70	65	200764m	21.58 ng/ul	
44) Dimethylphthalate	14.07	163	786604	19.38 ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	175154	20.45 ng/ul#	82
47) Acenaphthylene	14.35	152	1060313	19.99 ng/ul	99
48) 3-Nitroaniline	14.53	138	191174	21.21 ng/ul#	72
49) Acenaphthene	14.69	153	715859	19.40 ng/ul	96
50) 2,4-Dinitrophenol	14.73	184	95745m	21.86 ng/ul	
52) 4-Nitrophenol	14.85	109	85786	19.57 ng/ul#	32
53) Dibenzofuran	15.01	168	975338	19.86 ng/ul	94
54) 2,4-Dinitrotoluene	14.98	165	252160	20.57 ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.25	232	161839	21.33 ng/ul#	83
56) Diethylphthalate	15.43	149	839690	19.77 ng/ul	100
58) Fluorene	15.66	166	794548	19.82 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	339743	19.44 ng/ul	96
60) 4-Nitroaniline	15.68	138	172722	17.38 ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.74	198	128154	20.08 ng/ul#	95
64) N-Nitrosodiphenylamine	15.87	169	678695	20.46 ng/ul	95
65) 4-Bromophenyl-phenylether	16.54	248	205865	20.44 ng/ul#	85
66) Hexachlorobenzene	16.67	284	214740	19.80 ng/ul#	89
67) Atrazine	16.81	200	215034	20.74 ng/ul	93
68) Pentachlorophenol	17.02	266	104816	21.16 ng/ul	93
69) Phenanthrene	17.40	178	1131784	19.91 ng/ul	99
71) Anthracene	17.49	178	1176973	20.18 ng/ul	100
72) Carbazole	17.76	167	1058748	21.47 ng/ul	97
73) Di-n-butylphthalate	18.31	149	1348331	21.01 ng/ul#	97
74) Fluoranthene	19.40	202	1145597	21.70 ng/ul#	82
77) Pyrene	19.76	202	1180889	19.35 ng/ul#	78
78) Butylbenzylphthalate	20.64	149	612736	21.61 ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.50	252	374196	21.39 ng/ul#	93
80) Benzo(a)anthracene	21.58	228	1054846	19.83 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.48	149	883153	21.83 ng/ul#	98
82) Chrysene	21.64	228	975726	19.74 ng/ul	97
84) Di-n-octyl phthalate	22.66	149	1519649	23.44 ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	1064460	19.75 ng/ul#	94
86) Benzo(k)fluoranthene	23.82	252	1059087	20.00 ng/ul#	93
88) Benzo(a)pyrene	24.62	252	1044453	19.69 ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.36	276	1268113	20.17 ng/ul#	81
90) Dibenzo(a,h)anthracene	28.41	278	1063194	19.94 ng/ul#	87
91) Benzo(g,h,i)perylene	29.49	276	1045342	20.05 ng/ul#	80

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

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5/1/2017 7:23:38 PM