Data Path : Z:\HPCHEM1\BNA_M\Data\BM011615\
Data File : BM000258.D
Acq On : 17 Jan 2015 06:26
Operator : TP/IZ
Sample : SSTD02037
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 19 00:32:19 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 14 12:47:10 2015
Response via : Initial Calibration

Instrument :
ClientSampleId :
SSTD02037

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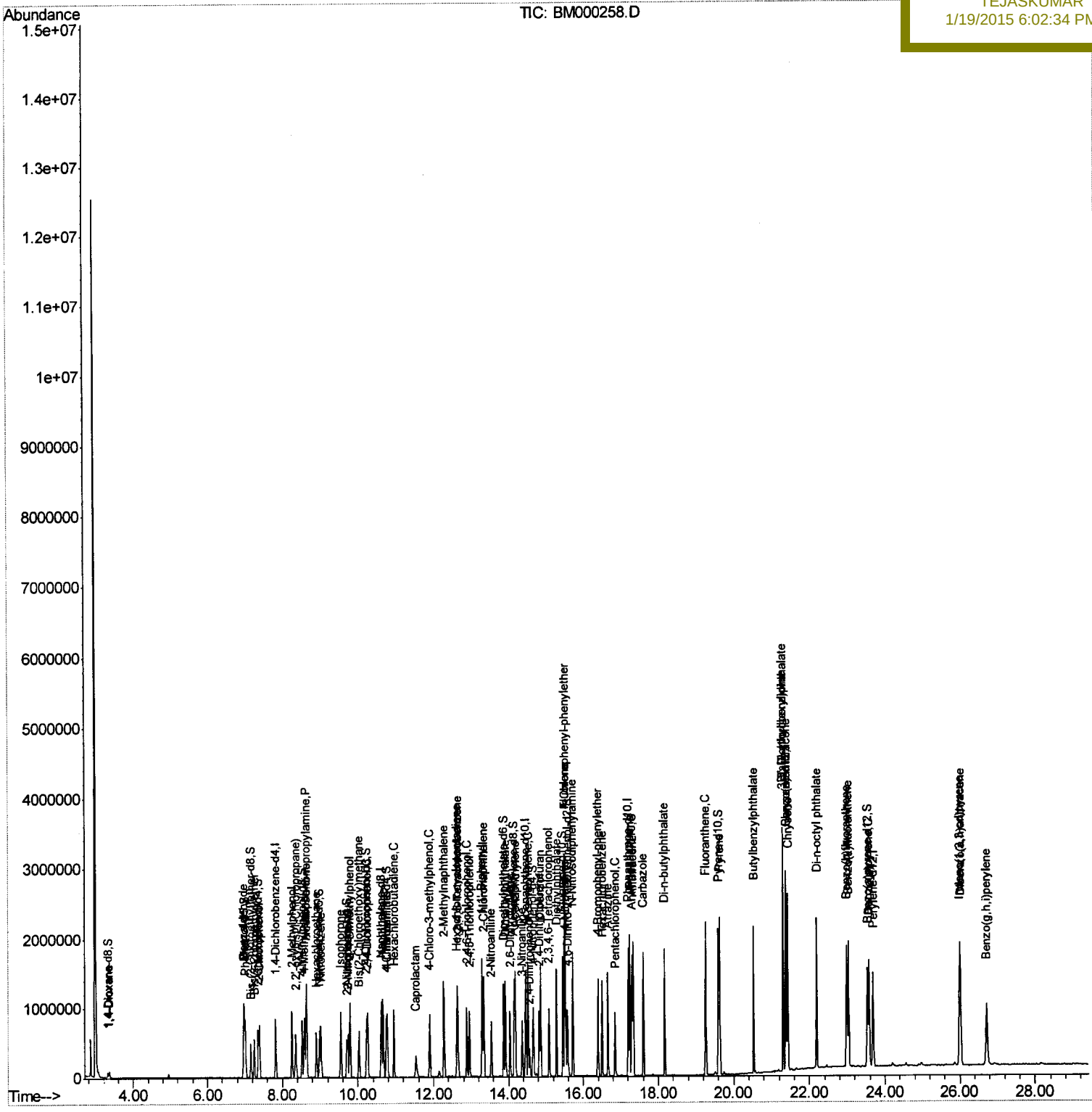

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	312249	22.13	ng/ul#	97
37) Hexachlorocyclopentadiene	12.63	237	197889	22.55	ng/ul	98
38) 2,4,6-Trichlorophenol	12.89	196	194339	21.59	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	212572	21.74	ng/ul	97
40) 1,1'-Biphenyl	13.29	154	780093	21.27	ng/ul	98
41) 2-Chloronaphthalene	13.33	162	610803	21.73	ng/ul	98
42) 2-Nitroaniline	13.54	65	206888	21.59	ng/ul	97
44) Dimethylphthalate	13.92	163	755426	20.20	ng/ul	98
45) 2,6-Dinitrotoluene	14.04	165	143946	21.53	ng/ul	88
47) Acenaphthylene	14.18	152	976354	20.59	ng/ul	99
48) 3-Nitroaniline	14.36	138	150886	21.25	ng/ul#	93
49) Acenaphthene	14.53	153	630378	20.86	ng/ul	97
50) 2,4-Dinitrophenol	14.57	184	66753m	20.46	ng/ul	
52) 4-Nitrophenol	14.66	109	165942	20.48	ng/ul	91
53) Dibenzofuran	14.86	168	896070	20.47	ng/ul	95
54) 2,4-Dinitrotoluene	14.82	165	207463	20.79	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.09	232	169170	20.06	ng/ul	98
56) Diethylphthalate	15.28	149	772169	19.65	ng/ul	97
58) Fluorene	15.51	166	733199	20.19	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.50	204	363731	20.31	ng/ul	99
60) 4-Nitroaniline	15.53	138	157445	19.80	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.58	198	111289	22.63	ng/ul#	93
64) N-Nitrosodiphenylamine	15.72	169	617105	21.12	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	219072	21.34	ng/ul	93
66) Hexachlorobenzene	16.51	284	245521	20.75	ng/ul	96
67) Atrazine	16.66	200	231208	20.36	ng/ul	97
68) Pentachlorophenol	16.85	266	132229	18.55	ng/ul	95
69) Phenanthrene	17.24	178	1145043	21.00	ng/ul	98
71) Anthracene	17.34	178	1164929	20.78	ng/ul	99
72) Carbazole	17.60	167	1032757	20.38	ng/ul	100
73) Di-n-butylphthalate	18.17	149	1225884	20.35	ng/ul	99
74) Fluoranthene	19.26	202	1282702	20.13	ng/ul	100
77) Pyrene	19.63	202	1356918	21.61	ng/ul	99
78) Butylbenzylphthalate	20.52	149	542748	21.27	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.31	252	397344	21.63	ng/ul	97
80) Benzo(a)anthracene	21.37	228	1270495	21.12	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	766443	20.64	ng/ul	100
82) Chrysene	21.43	228	1184799	21.37	ng/ul	100
84) Di-n-octyl phthalate	22.19	149	1321319	20.32	ng/ul	100
85) Benzo(b)fluoranthene	22.99	252	1254957	19.63	ng/ul	98
86) Benzo(k)fluoranthene	23.03	252	1210159	22.18	ng/ul	99
88) Benzo(a)pyrene	23.58	252	1188761	21.17	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.00	276	1363370	23.27	ng/ul	98
90) Dibenzo(a,h)anthracene	26.01	278	1141142	23.14	ng/ul	98
91) Benzo(g,h,i)perylene	26.71	276	1144907	23.79	ng/ul	99

T.P 01/23/15

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

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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	7.82	152	196591	20.00	ng/ul	-0.03
18) Naphthalene-d8	10.62	136	788315	20.00	ng/ul	-0.03
35) Acenaphthene-d10	14.46	164	508945	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.20	188	1007348	20.00	ng/ul	-0.02
75) Chrysene-d12	21.39	240	1041955	20.00	ng/ul	-0.02
83) Perylene-d12	23.68	264	1001602	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	26152	7.71	ng/uL	-0.02
5) Phenol-d5	6.99	99	338365	20.46	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	212819	20.36	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.36	132	247632	20.42	ng/ul	-0.02
13) 4-Methylphenol-d8	8.52	113	259469	19.72	ng/ul	-0.02
19) Nitrobenzene-d5	8.98	128	117639	21.58	ng/ul	-0.03
22) 2-Nitrophenol-d4	9.70	143	125859	22.62	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.23	165	255410	20.77	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.75	131	312283	22.38	ng/ul	-0.03
43) Dimethylphthalate-d6	13.87	166	739611	19.70	ng/ul	-0.02
46) Acenaphthylene-d8	14.15	160	935362	20.80	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.65	143	110396	18.07	ng/ul	-0.01
57) Fluorene-d10	15.45	176	649050	20.14	ng/ul	-0.03
62) 4,6-Dinitro-2-methylphenol	15.57	200	102084	21.38	ng/ul	-0.02
70) Anthracene-d10	17.30	188	972779	20.88	ng/ul	-0.01
76) Pyrene-d10	19.60	212	1034974	21.53	ng/ul	-0.02
87) Benzo(a)pyrene-d12	23.53	264	951325	20.93	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	35570	7.57	ng/uL	88
4) Benzaldehyde	6.97	77	243139	21.10	ng/ul	98
6) Phenol	7.01	94	351805	20.17	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.25	93	268735	19.85	ng/ul	99
10) 2-Chlorophenol	7.39	128	256747	20.23	ng/ul	97
11) 2-Methylphenol	8.26	108	263088	19.59	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	486899	21.88	ng/ul	96
14) Acetophenone	8.65	105	441333	19.09	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.63	70	232075	19.30	ng/ul	92
16) 4-Methylphenol	8.59	108	283797	19.57	ng/ul	97
17) Hexachloroethane	8.90	117	120842	20.84	ng/ul	90
20) Nitrobenzene	9.02	77	365470	22.49	ng/ul	99
21) Isophorone	9.54	82	613643	19.59	ng/ul	99
23) 2-Nitrophenol	9.73	139	137874	22.44	ng/ul#	88
24) 2,4-Dimethylphenol	9.79	107	342060	20.51	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.03	93	349066	20.01	ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	253014	20.62	ng/ul	99
28) Naphthalene	10.67	128	814079	20.25	ng/ul	99
30) 4-Chloroaniline	10.77	127	324108	22.58	ng/ul	98
31) Hexachlorobutadiene	10.95	225	186168	21.40	ng/ul	95
32) Caprolactam	11.53	113	71057	17.90	ng/ul	91
33) 4-Chloro-3-methylphenol	11.89	107	296553	19.70	ng/ul	96
34) 2-Methylnaphthalene	12.27	142	589342	19.77	ng/ul	100

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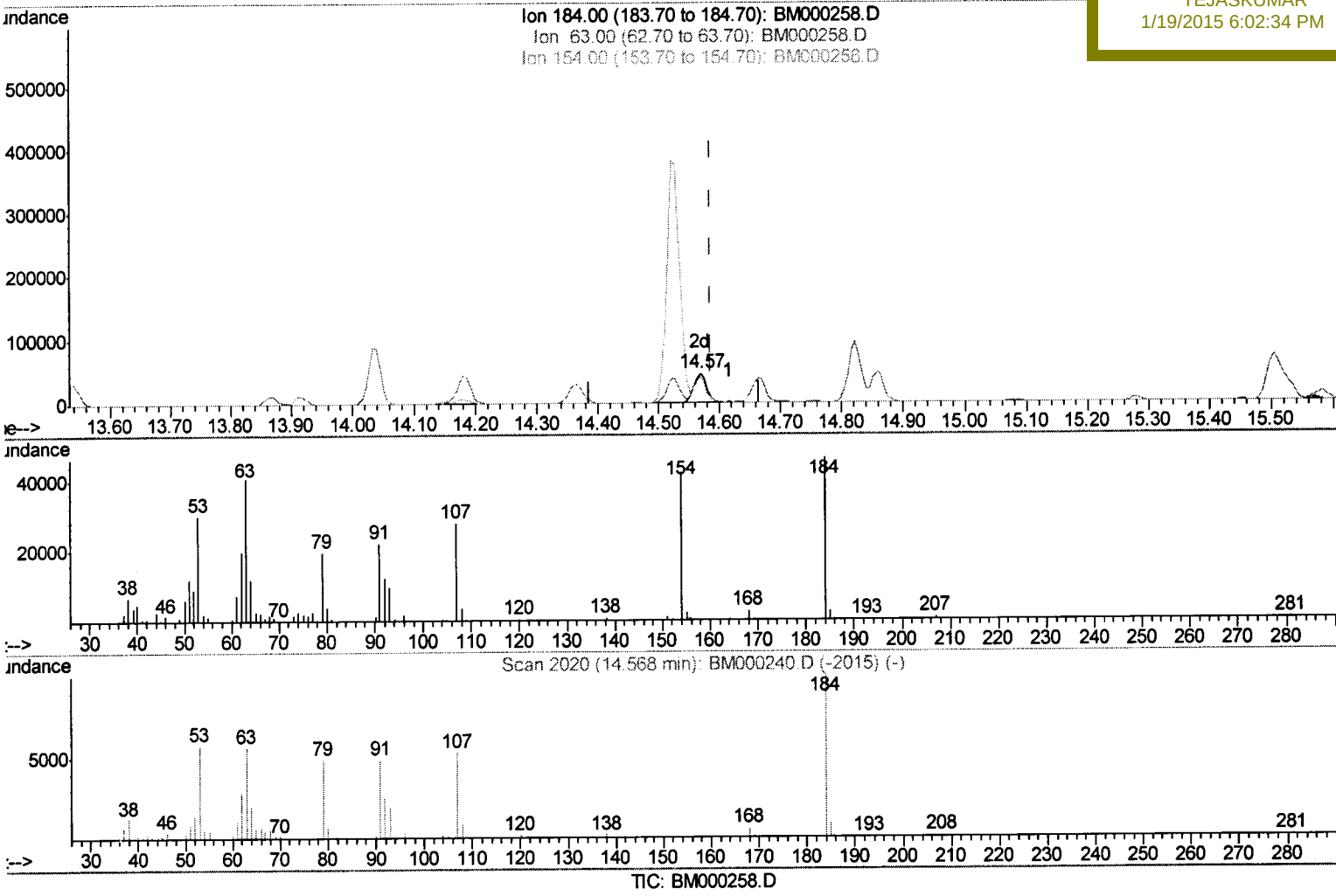

(50) 2,4-Dinitrophenol

14.568min (-0.017) 20.46ng/ul m

response 66753

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01/23/15

Ion	Exp%	Act%
184.00	100	100
63.00	70.10	87.53#
154.00	85.30	90.88
0.00	0.00	0.00

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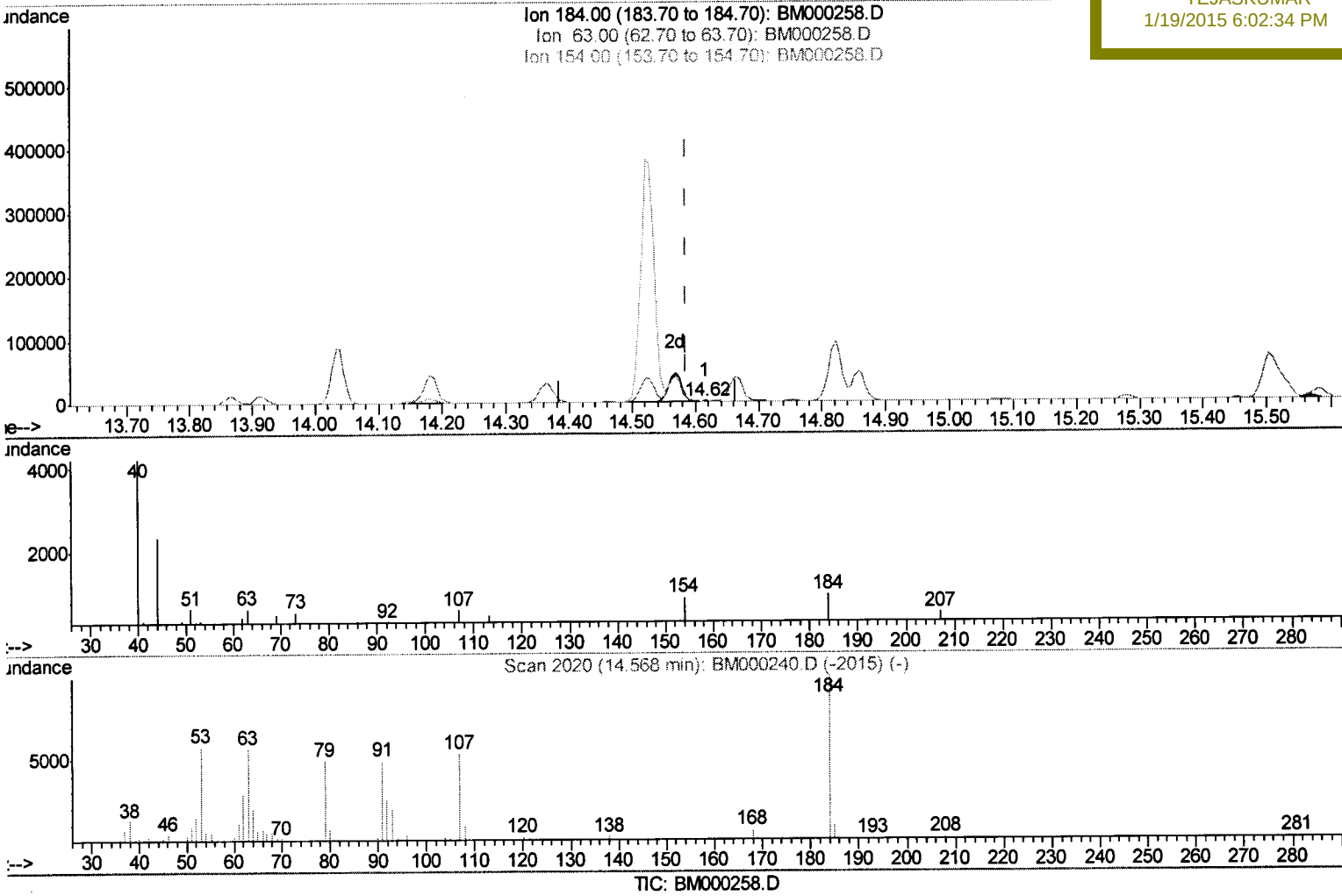

(50) 2,4-Dinitrophenol

14.615min (+0.030) 0.06ng/ul

response 195

Ion	Exp%	Act%
184.00	100	100
63.00	70.10	67.06
154.00	85.30	93.90
0.00	0.00	0.00