Data Path : Z:\HPCHEM1\BNA_M\Data\BM011516\
Data File : BM004016.D
Acq On : 14 Jan 2016 16:57
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 15 00:27:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02058

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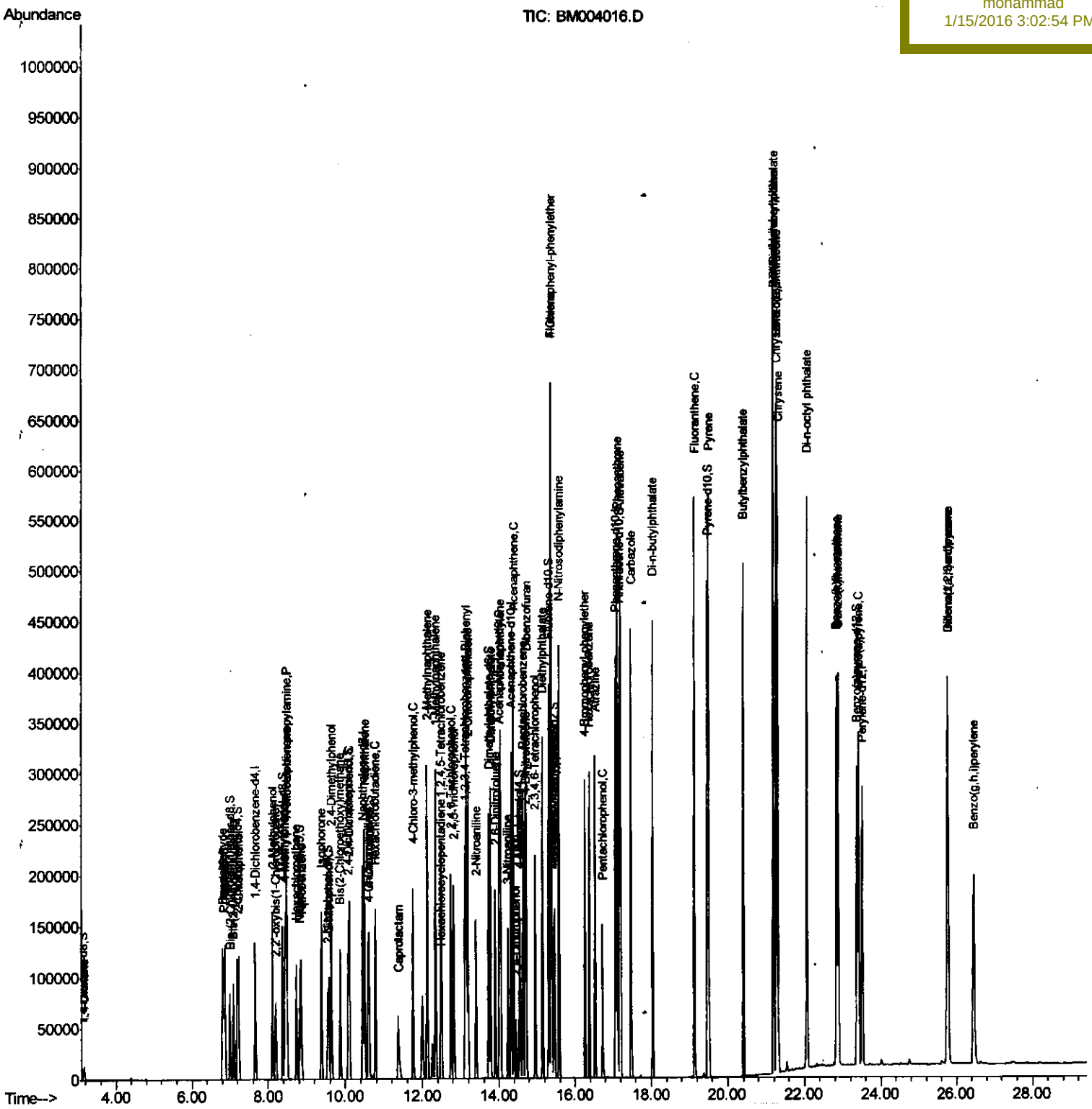

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.34	142	143220	22.64	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	73148	21.27	ng/ul	98
38) Hexachlorocyclopentadiene	12.47	237	15689	8.71	ng/ul	99
39) 2,4,6-Trichlorophenol	12.74	196	47199	21.29	ng/ul	99
40) 2,4,5-Trichlorophenol	12.82	196	52137	21.70	ng/ul	99
41) 1,1'-Biphenyl	13.15	154	194525	21.47	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	148611	21.88	ng/ul	98
43) 2-Nitroaniline	13.40	65	42236	22.35	ng/ul	96
45) Dimethylphthalate	13.78	163	185021	21.50	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	38398	22.64	ng/ul	95
48) Acenaphthylene	14.04	152	247490	21.97	ng/ul	100
49) 3-Nitroaniline	14.23	138	39856	21.68	ng/ul	96
50) Acenaphthene	14.39	153	166264	22.32	ng/ul	98
51) 2,4-Dinitrophenol	14.45	184	13245	16.09	ng/ul	95
53) 4-Nitrophenol	14.56	109	25191	21.03	ng/ul	95
54) Dibenzofuran	14.72	168	232185	22.26	ng/ul	98
55) 2,4-Dinitrotoluene	14.70	165	58232	23.63	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.96	232	42387	22.03	ng/ul	99
57) Diethylphthalate	15.15	149	190024	21.78	ng/ul	100
59) Fluorene	15.37	166	188711	22.81	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	88738	22.24	ng/ul	97
61) 4-Nitroaniline	15.40	138	47835	24.85	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	26739	18.22	ng/ul	99
65) N-Nitrosodiphenylamine	15.59	169	163041	21.29	ng/ul	98
66) 4-Bromophenyl-phenylether	16.26	248	52957	20.94	ng/ul	97
67) Hexachlorobenzene	16.38	284	59690	21.60	ng/ul	99
68) Atrazine	16.54	200	56387	21.24	ng/ul	99
69) Pentachlorophenol	16.73	266	27253m	20.26	ng/ul	
70) Phenanthrene	17.12	178	305441	22.28	ng/ul	100
72) Anthracene	17.20	178	310566	22.08	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	69407	17.74	ng/uL	99
74) Pentachlorobenzene	14.64	250	68496	19.73	ng/uL	98
75) Carbazole	17.48	167	279319	22.58	ng/ul	100
76) Di-n-butylphthalate	18.04	149	332741	22.03	ng/ul	100
77) Fluoranthene	19.14	202	339438	23.82	ng/ul	97
80) Pyrene	19.51	202	351738	23.01	ng/ul	100
81) Butylbenzylphthalate	20.41	149	152819	24.77	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.20	252	97353	24.95	ng/ul	99
83) Benzo(a)anthracene	21.26	228	298373	22.25	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	222826	27.29	ng/ul	100
85) Chrysene	21.31	228	277876	21.81	ng/ul	100
87) Di-n-octyl phthalate	22.07	149	376432	29.90	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	262712	22.89	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	241559	22.12	ng/ul	99
91) Benzo(a)pyrene	23.42	252	242253	22.25	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.77	276	264765	21.99	ng/ul	99
93) Dibenzo(a,h)anthracene	25.77	278	223518	22.09	ng/ul	99
94) Benzo(g,h,i)perylene	26.46	276	221873	21.94	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	37594	20.00	ng/uL	0.00
18) Naphthalene-d8	10.45	136	180902	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	107528	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	243838	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	225150	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	188816	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	6147	7.31	ng/uL	0.00
5) Phenol-d5	6.85	99	69220	22.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	38577	21.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	57520	22.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	58704	23.21	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	28870	21.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	31395	21.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	57255	21.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	64789	18.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	176528	20.91	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	224996	21.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	31036	20.47	ng/ul	0.00
58) Fluorene-d10	15.32	176	157081	21.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	24379	17.73	ng/ul	0.00
71) Anthracene-d10	17.17	188	245364	21.76	ng/ul	0.00
79) Pyrene-d10	19.47	212	257460	22.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	205649	21.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	6854	7.03	ng/uL	98
4) Benzaldehyde	6.81	77	45911	25.09	ng/ul	96
6) Phenol	6.87	94	75046	22.79	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	54832	22.13	ng/ul	98
10) 2-Chlorophenol	7.23	128	59992	22.37	ng/ul	98
11) 2-Methylphenol	8.12	108	58172	23.11	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	61753	22.68	ng/ul	96
14) Acetophenone	8.49	105	94482	23.99	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.47	70	46210	23.37	ng/ul	98
16) 4-Methylphenol	8.44	108	64625	23.68	ng/ul	99
17) Hexachloroethane	8.73	117	22307	21.55	ng/ul	98
20) Nitrobenzene	8.86	77	69797	21.73	ng/ul	97
21) Isophorone	9.39	82	130088	21.81	ng/ul	99
23) 2-Nitrophenol	9.57	139	35557	21.46	ng/ul	96
24) 2,4-Dimethylphenol	9.64	107	72482	21.81	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.87	93	77157	20.93	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	60811	22.22	ng/ul	99
28) Naphthalene	10.50	128	208124	22.08	ng/ul	100
30) 4-Chloroaniline	10.62	127	69049	19.46	ng/ul	99
31) Hexachlorobutadiene	10.79	225	36269	21.53	ng/ul	99
32) Caprolactam	11.37	113	19406	22.16	ng/ul	97
33) 4-Chloro-3-methylphenol	11.76	107	69191	22.60	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	151532	22.74	ng/ul	98

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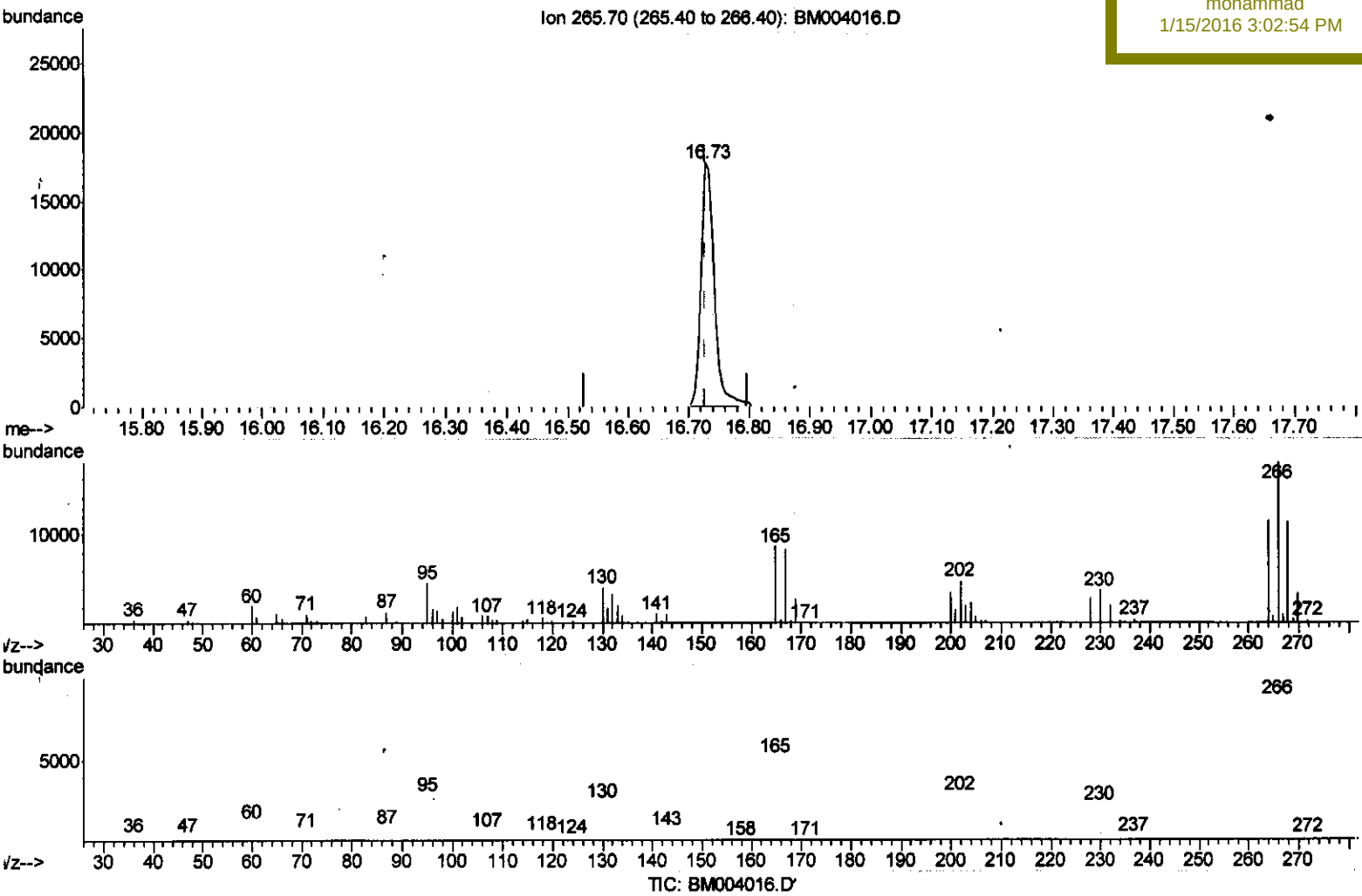

TIC: BM004016.D

(69) Pentachlorophenol (C)

16.727min (-0.000) 20.26ng/ul m

response 27253

Ion	Exp%	Act%
265.70	100	100
264.00	63.10	64.06
268.00	63.60	63.53
0.00	0.00	0.00

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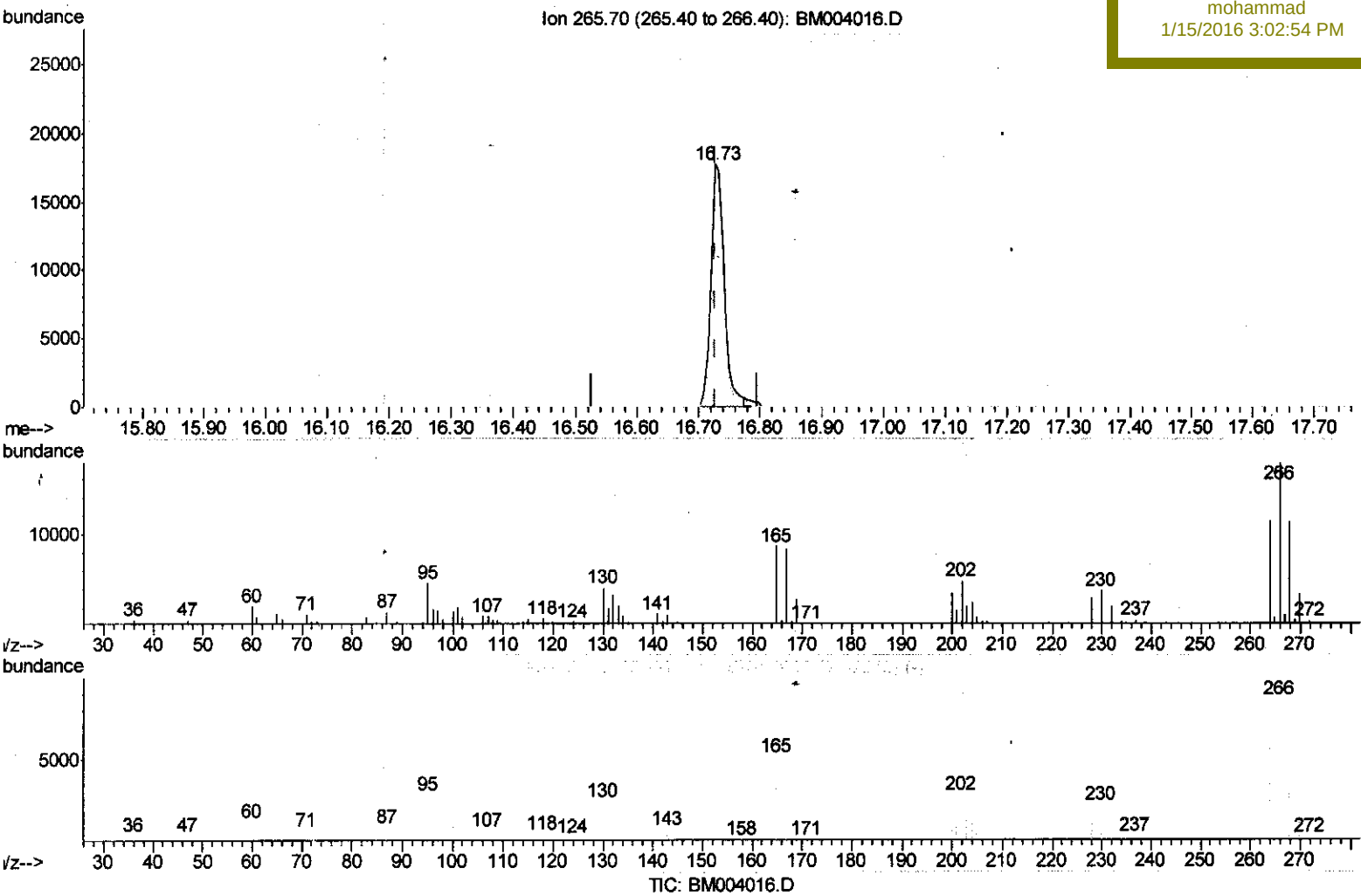

(69) Pentachlorophenol (C)

16.727min (-0.000) 19.86ng/ul

response 26713

Ion	Exp%	Act%
265.70	100	100
264.00	63.10	64.06
268.00	63.60	63.53
0.00	0.00	0.00