Data Path : Z:\HPCHEM1\BNA G\DATA\BG051617\
Data File : BG026995.D
Acq On : 17 May 2017 2:08
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 17 05:11:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 17 04:07:33 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02091

Manual Integrations APPROVED
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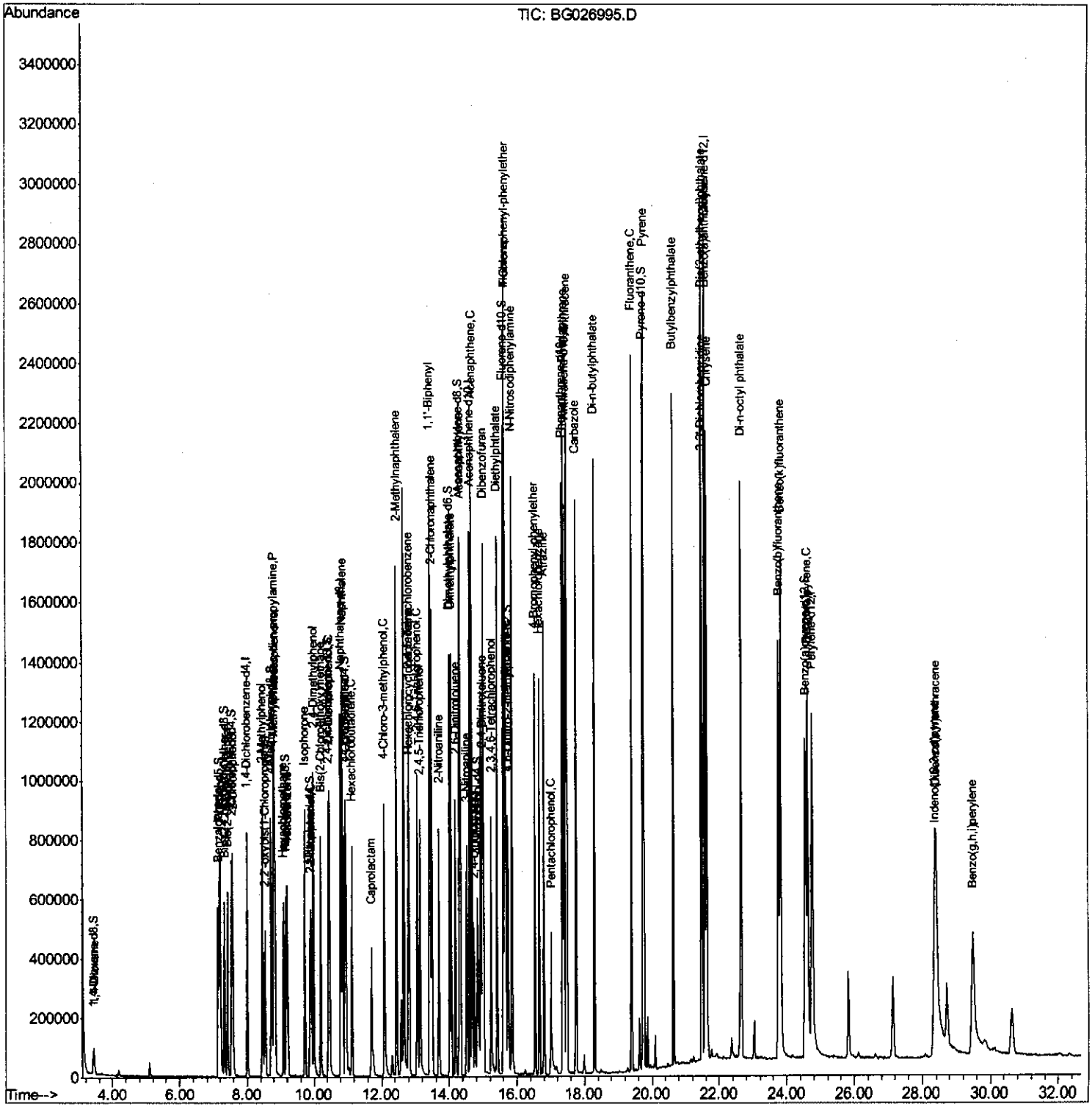
5/17/2017 5:44:24 PM



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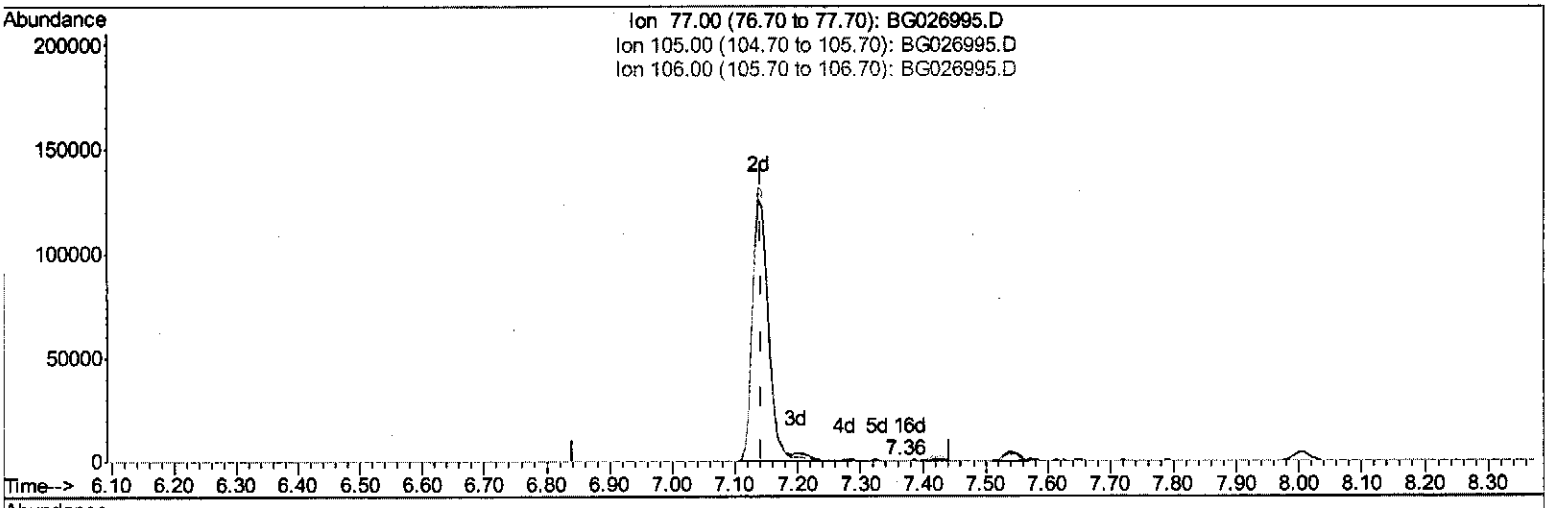

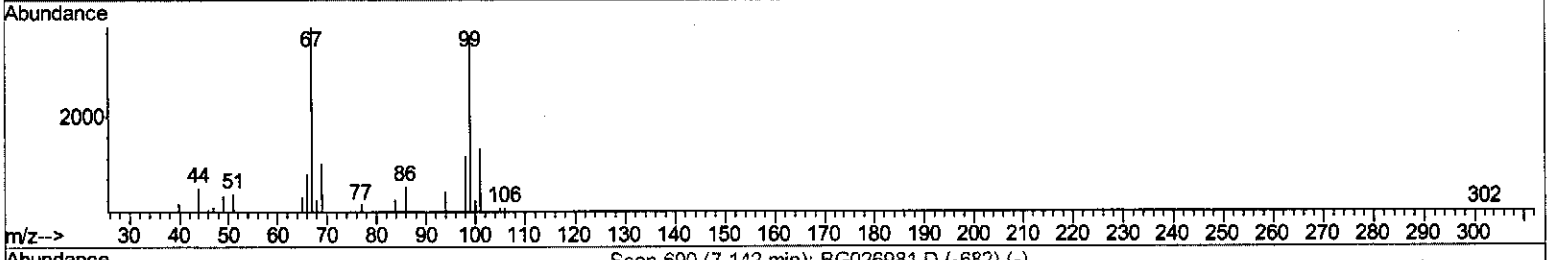

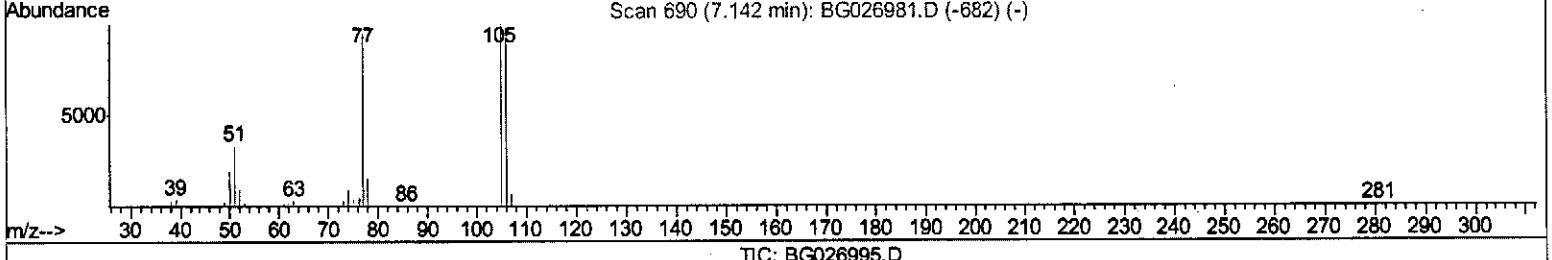

TIC: BG026995.D

(4) Benzaldehyde

7.362min (+0.220) 0.03ng/ul

response 291

Ion	Exp%	Act%
77.00	100	100
105.00	77.50	76.62
106.00	75.30	82.14
0.00	0.00	0.00

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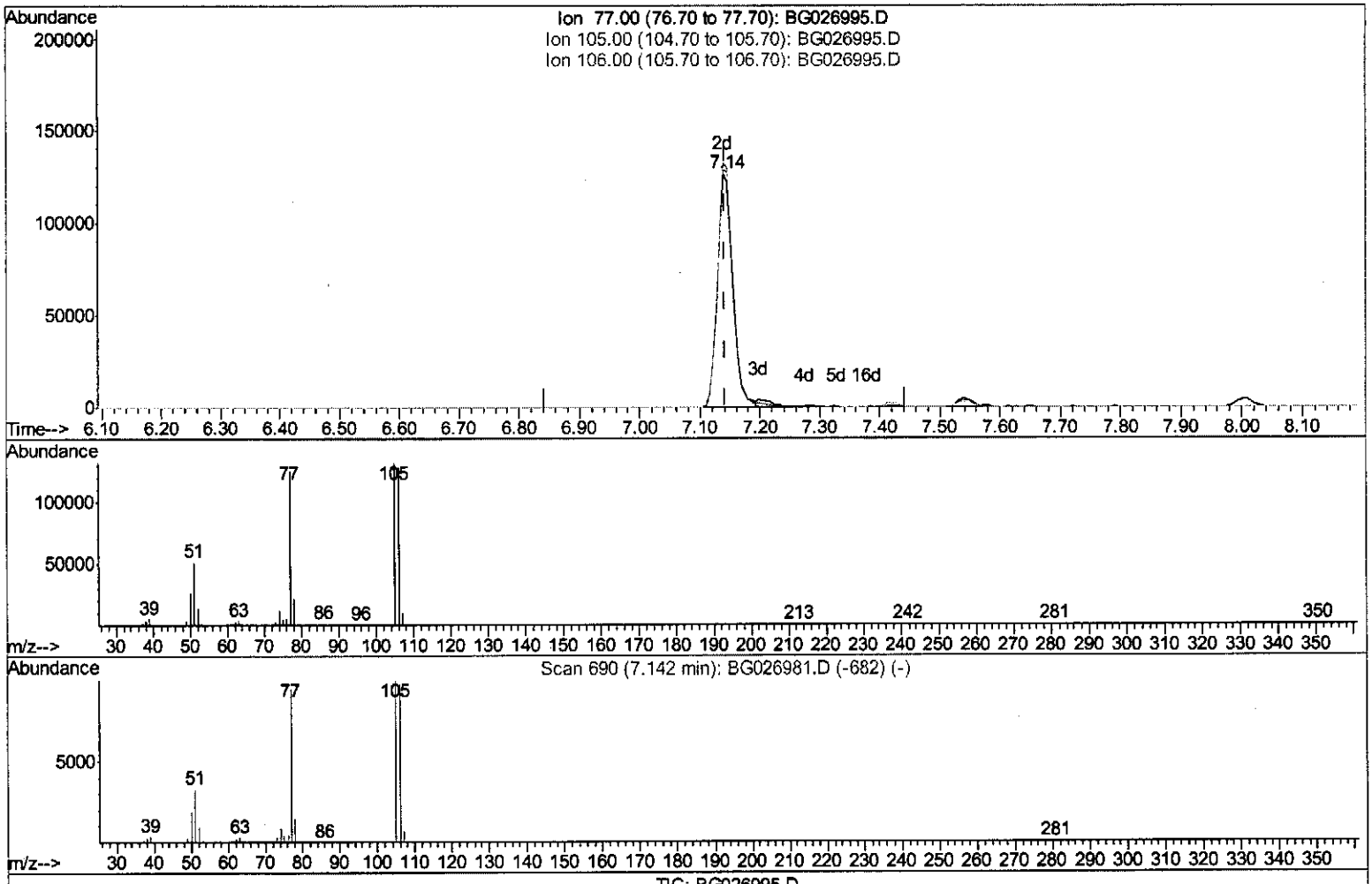

TIC: BG026995.D

(4) Benzaldehyde

7.139min (-0.003) 21.37ng/ul m SJ 5/22/17

response 225663

Ion	Exp%	Act%
77.00	100	100
105.00	77.50	104.71#
106.00	75.30	102.13#
0.00	0.00	0.00

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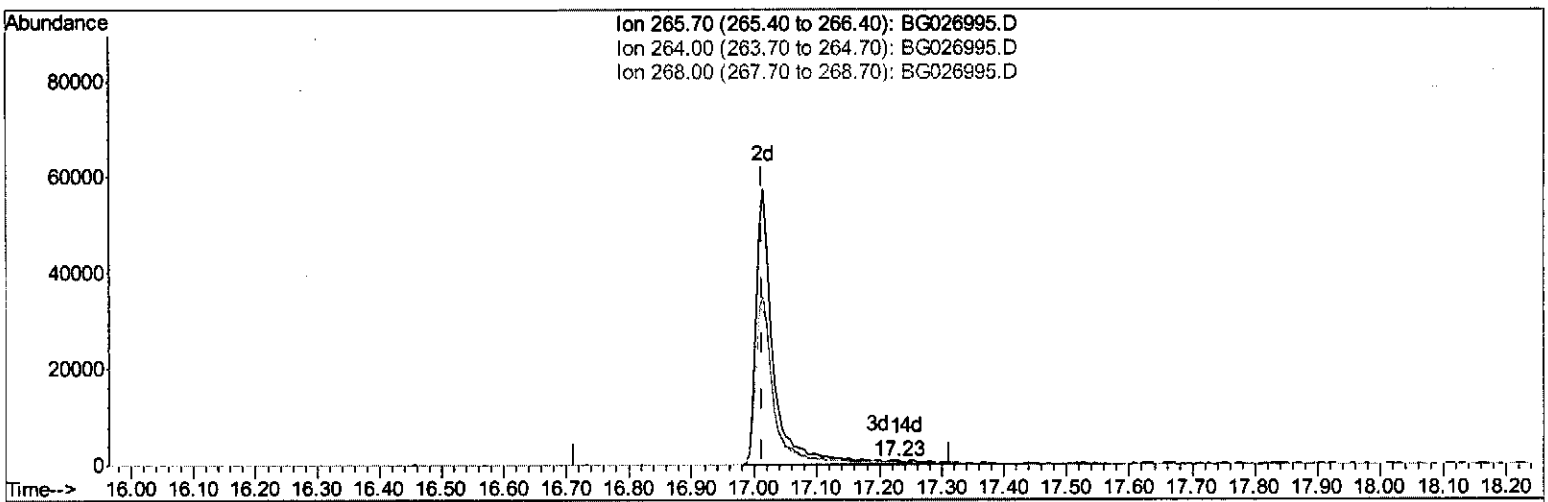

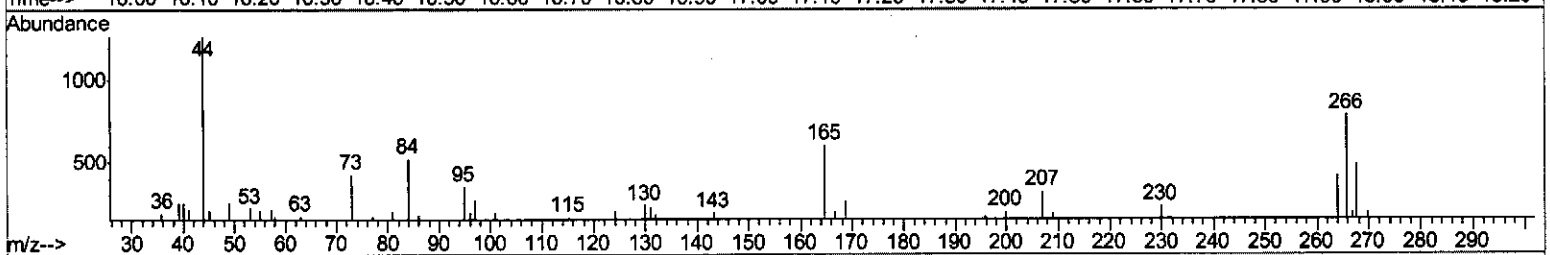

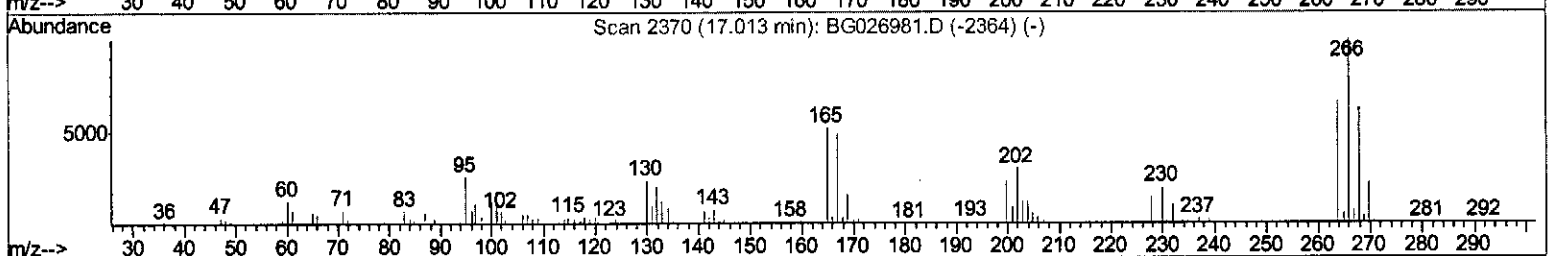

TIC: BG026995.D

(68) Pentachlorophenol (C)

17.227min (+0.214) 0.06ng/ul

response 324

Ion	Exp%	Act%
265.70	100	100
264.00	58.90	52.93
268.00	70.30	62.37
0.00	0.00	0.00

Quantitation Report (Qedit)

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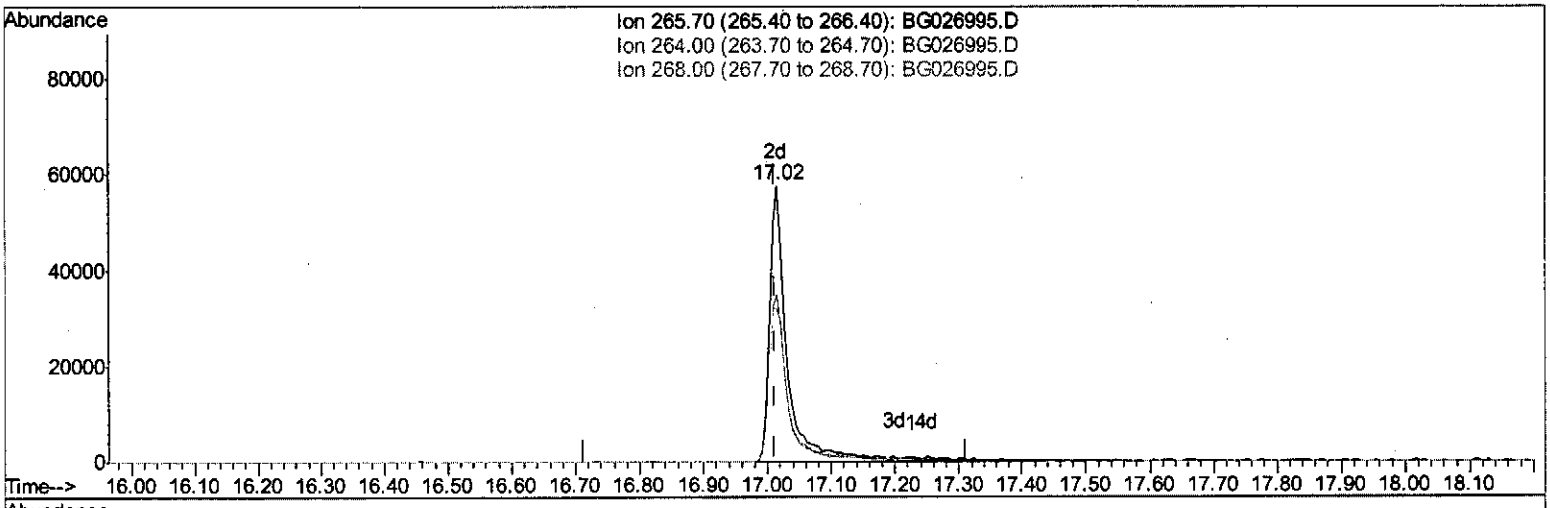

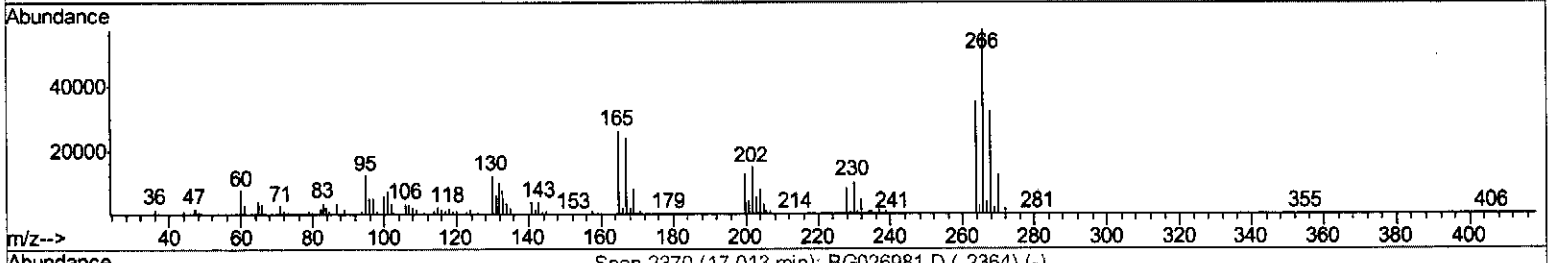

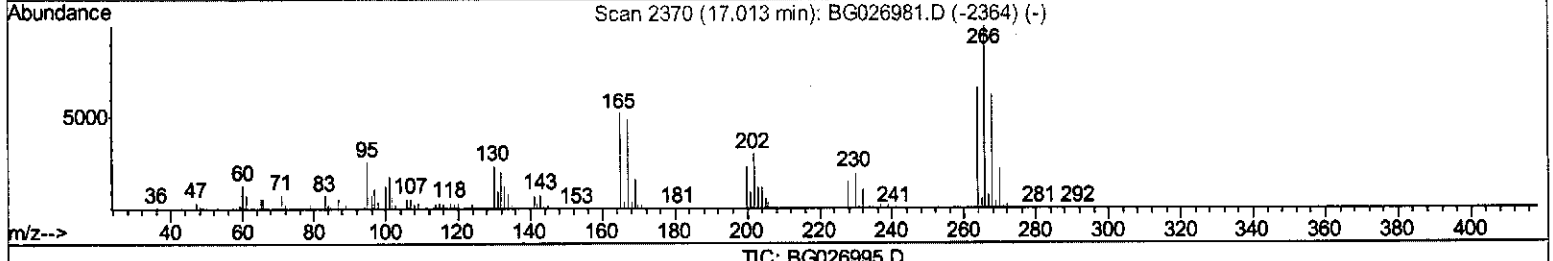

TIC: BG026995.D

(68) Pentachlorophenol (C)

17.015min (+0.002) 19.18ng/ul m SJ 5/22/17

response 110120

Ion	Exp%	Act%
265.70	100	100
264.00	58.90	60.48
268.00	70.30	55.66#
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	8.00	152	244790	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	1153015	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	627333	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	1170108	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	1057631	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	1122707	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	42855	7.88	ng/uL	0.00
5) Phenol-d5	7.18	99	484878	22.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	274702	21.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	393987	21.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	388740	21.44	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	199981	20.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	222773	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	360552	21.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	485005	21.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	1005227	19.91	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1332859	21.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	154072	16.93	ng/ul	0.00
57) Fluorene-d10	15.61	176	883052	20.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	139181	19.59	ng/ul	0.00
70) Anthracene-d10	17.45	188	1170410	20.61	ng/ul	0.00
76) Pyrene-d10	19.73	212	1113645	19.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	1119757	21.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	48153	7.76	ng/uL#	82
4) Benzaldehyde	7.14	77	225663m	21.37	ng/ul	
6) Phenol	7.21	94	494626	22.34	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.42	93	355687	20.81	ng/ul	90
10) 2-Chlorophenol	7.57	128	378121	20.72	ng/ul#	83
11) 2-Methylphenol	8.45	108	381558	21.77	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.53	45	395032	22.14	ng/ul#	90
14) Acetophenone	8.82	105	553950	20.80	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.80	70	259175	19.73	ng/ul#	70
16) 4-Methylphenol	8.78	108	417592	21.79	ng/ul	97
17) Hexachloroethane	9.08	117	137675	20.06	ng/ul#	69
20) Nitrobenzene	9.21	77	395441	21.26	ng/ul#	77
21) Isophorone	9.72	82	730122	20.45	ng/ul#	89
23) 2-Nitrophenol	9.92	139	232309	21.08	ng/ul#	58
24) 2,4-Dimethylphenol	9.98	107	429189	21.36	ng/ul#	81
25) Bis(2-Chloroethoxy)methane	10.21	93	493126	20.22	ng/ul#	95
27) 2,4-Dichlorophenol	10.46	162	359003	21.61	ng/ul	95
28) Naphthalene	10.85	128	1220251	20.33	ng/ul	98
30) 4-Chloroaniline	10.96	127	462115	21.97	ng/ul	93
31) Hexachlorobutadiene	11.14	225	166410	19.81	ng/ul	91
32) Caprolactam	11.72	113	130445	21.02	ng/ul#	68
33) 4-Chloro-3-methylphenol	12.09	107	415479	23.07	ng/ul	86
34) 2-Methylnaphthalene	12.45	142	896625	20.13	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	337068	20.38	ng/ul#	95
37) Hexachlorocyclopentadiene	12.80	237	168253	23.09	ng/ul	96
38) 2,4,6-Trichlorophenol	13.06	196	244971	21.53	ng/ul	93
39) 2,4,5-Trichlorophenol	13.14	196	249343	21.20	ng/ul	95
40) 1,1'-Biphenyl	13.45	154	1067426	20.24	ng/ul	96
41) 2-Chloronaphthalene	13.50	162	814607	20.55	ng/ul	94
42) 2-Nitroaniline	13.70	65	261735	23.11	ng/ul#	68
44) Dimethylphthalate	14.07	163	981353	19.85	ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	219487	21.04	ng/ul#	84
47) Acenaphthylene	14.34	152	1328647	20.57	ng/ul	97
48) 3-Nitroaniline	14.52	138	242520	22.09	ng/ul#	78
49) Acenaphthene	14.68	153	908669	20.22	ng/ul	96
50) 2,4-Dinitrophenol	14.74	184	144996	27.18	ng/ul#	72
52) 4-Nitrophenol	14.85	109	88953	16.66	ng/ul#	31
53) Dibenzofuran	15.01	168	1195216	19.98	ng/ul	96
54) 2,4-Dinitrotoluene	14.98	165	305291	20.45	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.25	232	180650	19.55	ng/ul#	80
56) Diethylphthalate	15.42	149	1024750	19.81	ng/ul	99
58) Fluorene	15.66	166	954767	19.56	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	416858	19.58	ng/ul	94
60) 4-Nitroaniline	15.68	138	244051	20.17	ng/ul#	52
63) 4,6-Dinitro-2-methylphenol	15.75	198	143521	19.40	ng/ul#	91
64) N-Nitrosodiphenylamine	15.86	169	818025	21.27	ng/ul	97
65) 4-Bromophenyl-phenylether	16.54	248	253160	21.68	ng/ul#	85
66) Hexachlorobenzene	16.67	284	263367	20.94	ng/ul#	91
67) Atrazine	16.80	200	265116	22.06	ng/ul#	90
68) Pentachlorophenol	17.02	266	110120m	19.18	ng/ul	
69) Phenanthrene	17.39	178	1333405	20.23	ng/ul	98
71) Anthracene	17.49	178	1397251	20.66	ng/ul	99
72) Carbazole	17.76	167	1273961	22.28	ng/ul	98
73) Di-n-butylphthalate	18.30	149	1631231	21.93	ng/ul#	97
74) Fluoranthene	19.40	202	1386744	22.66	ng/ul#	79
77) Pyrene	19.76	202	1400585	19.74	ng/ul#	74
78) Butylbenzylphthalate	20.63	149	754215	22.88	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.49	252	471147	23.17	ng/ul#	94
80) Benzo(a)anthracene	21.58	228	1279784	20.69	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.47	149	1069725	22.75	ng/ul#	98
82) Chrysene	21.65	228	1180649	20.55	ng/ul	98
84) Di-n-octyl phthalate	22.65	149	1860228	24.11	ng/ul	100
85) Benzo(b)fluoranthene	23.75	252	1331140	20.75	ng/ul#	92
86) Benzo(k)fluoranthene	23.82	252	1369432	21.72	ng/ul#	94
88) Benzo(a)pyrene	24.61	252	1342788	21.27	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.36	276	1275990	17.05	ng/ul#	81
90) Dibenzo(a,h)anthracene	28.41	278	1112637	17.53	ng/ul#	86
91) Benzo(g,h,i)perylene	29.49	276	979273	15.78	ng/ul#	79

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