Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\

Quantitation Report (QT Reviewed)

Data File : BG026889.D
Acq On : 6 May 2017 19:25
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 08 03:11:52 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 08 01:28:58 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02077

Manual Integrations APPROVED
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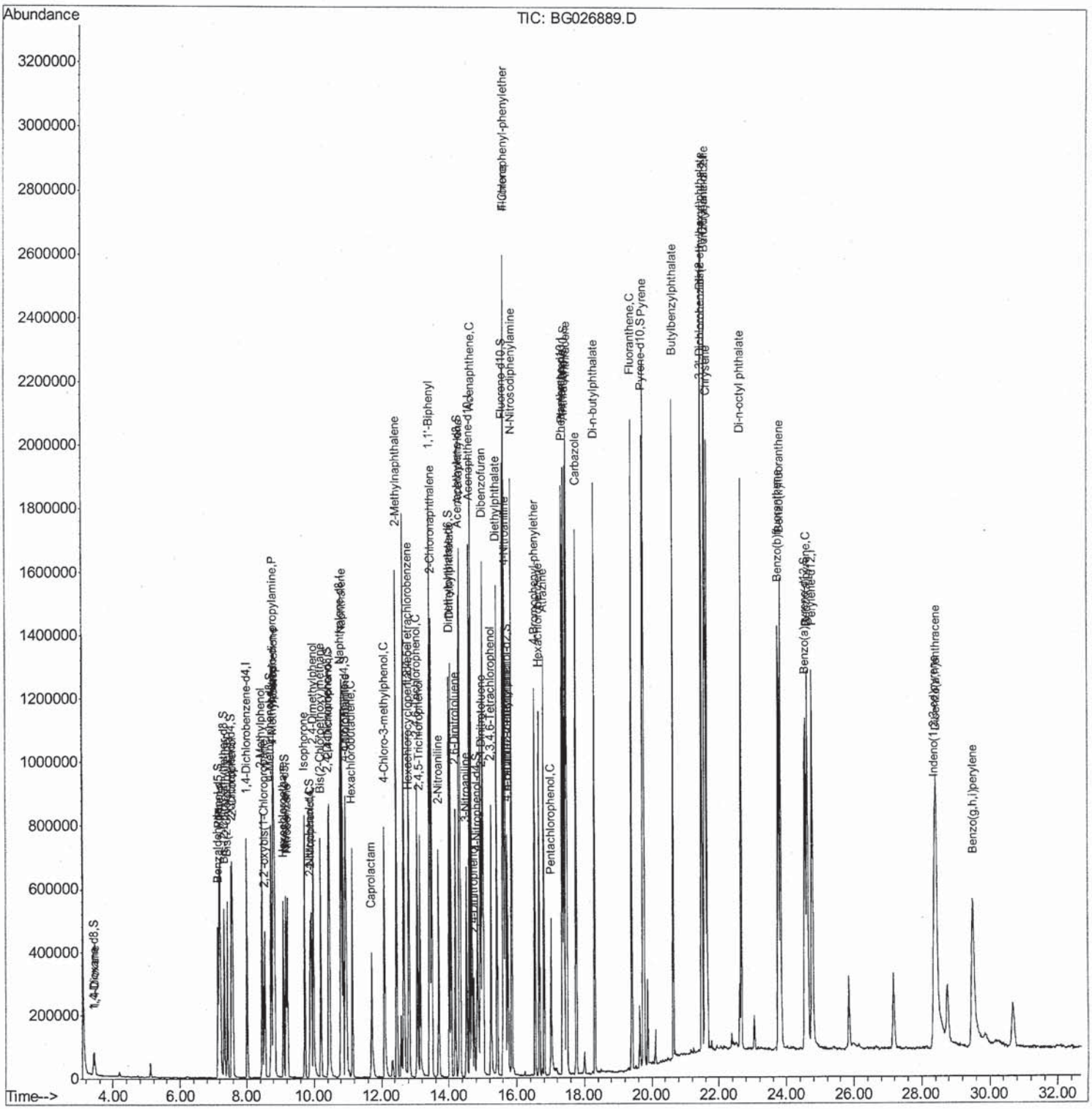
5/8/2017 5:58:48 PM



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\

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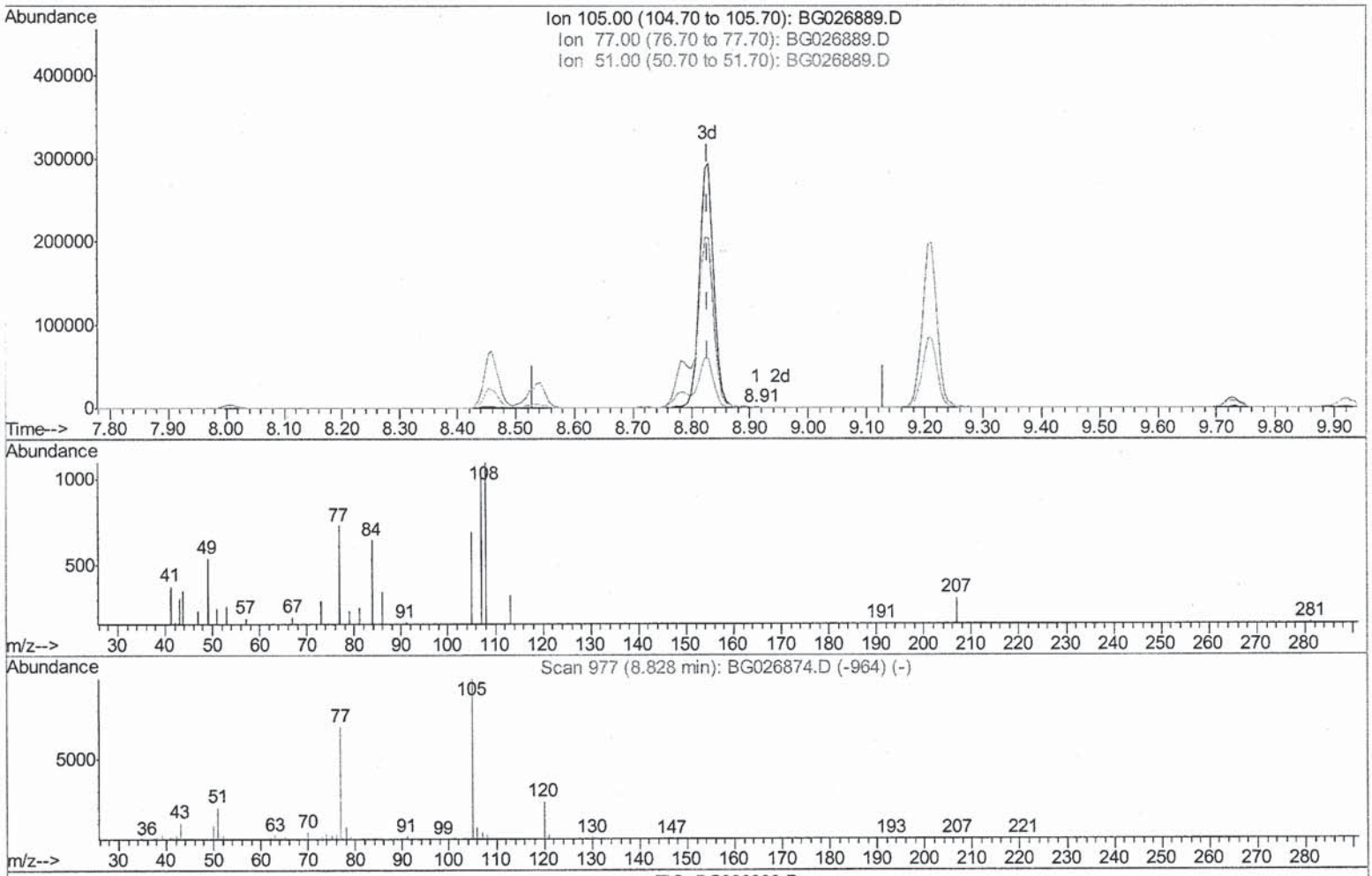

TIC: BG026889.D

(14) Acetophenone

8.911min (+0.083) 0.03ng/ul

response 631

Ion	Exp%	Act%
105.00	100	100
77.00	95.00	105.51
51.00	43.50	35.65
0.00	0.00	0.00

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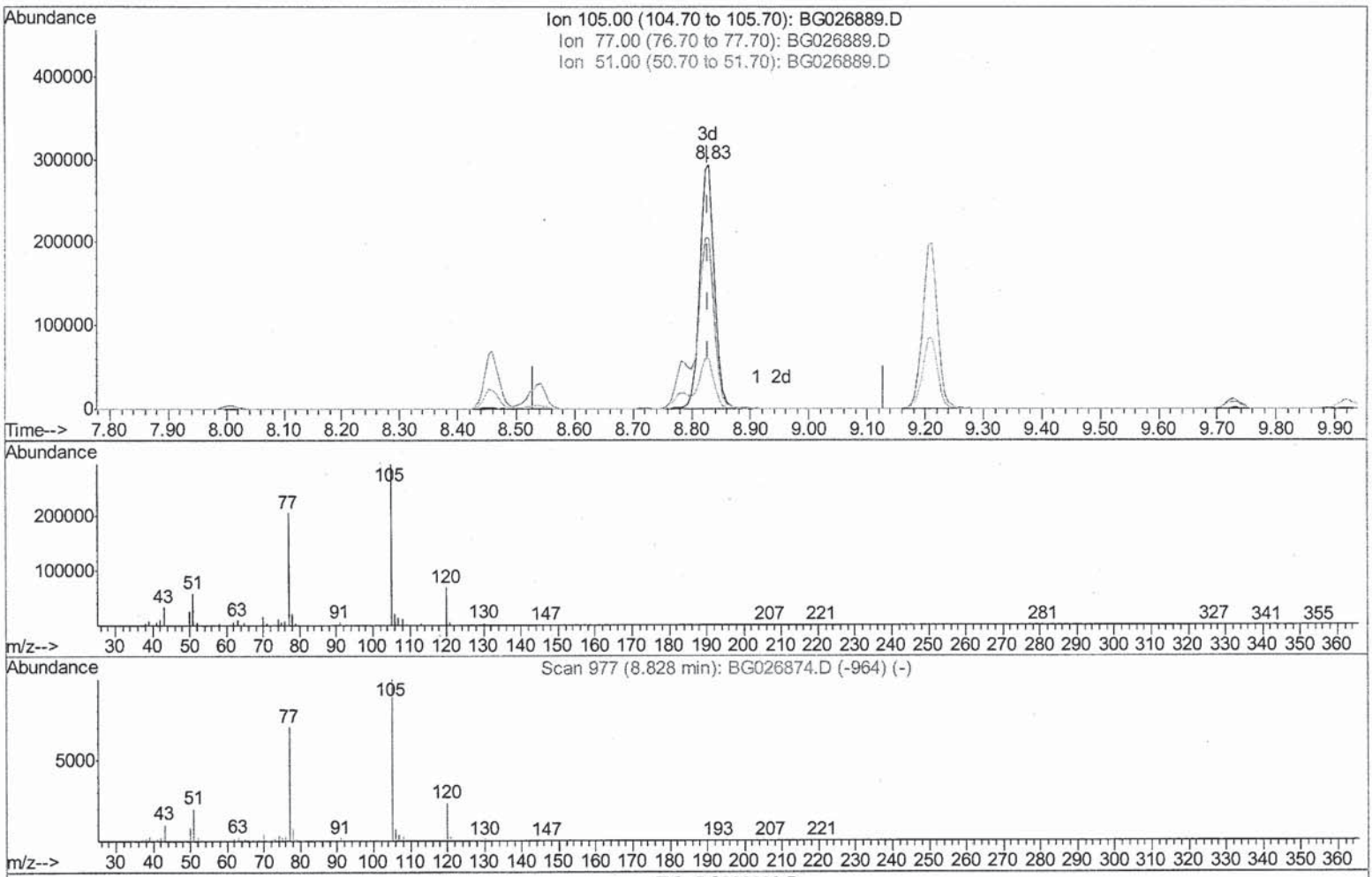

TIC: BG026889.D

(14) Acetophenone

8.829min (+0.001) 20.51ng/ul m SJ 5/12/17

response 511874

Ion	Exp%	Act%
105.00	100	100
77.00	95.00	69.78#
51.00	43.50	20.24#
0.00	0.00	0.00

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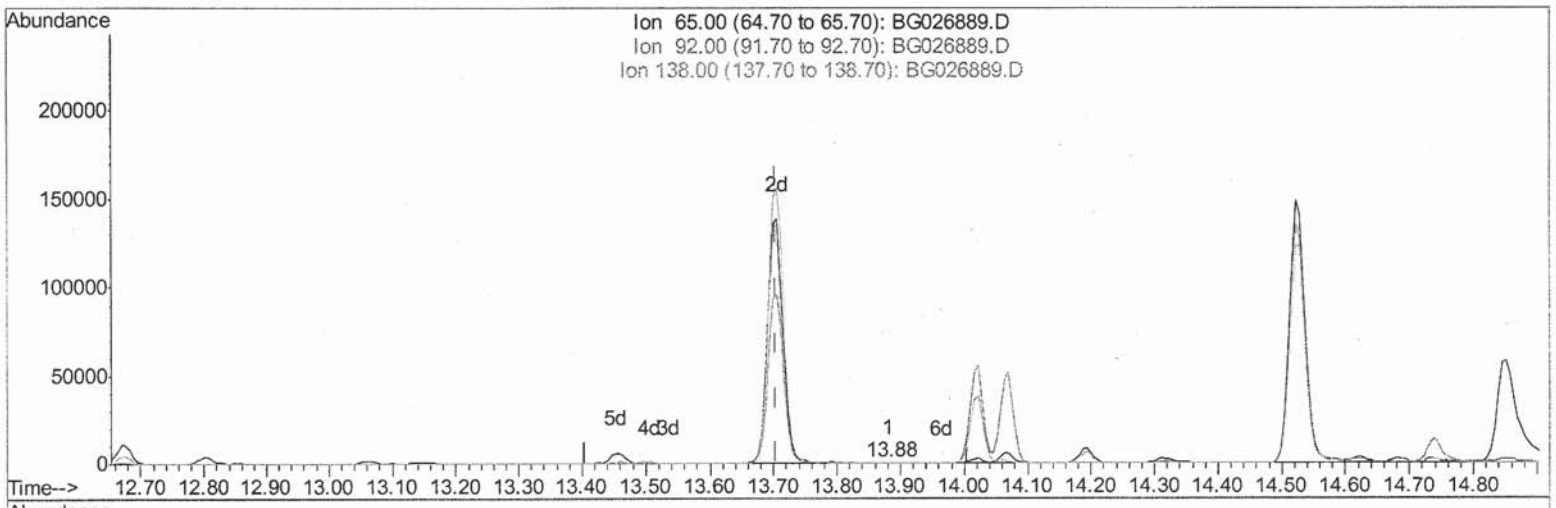

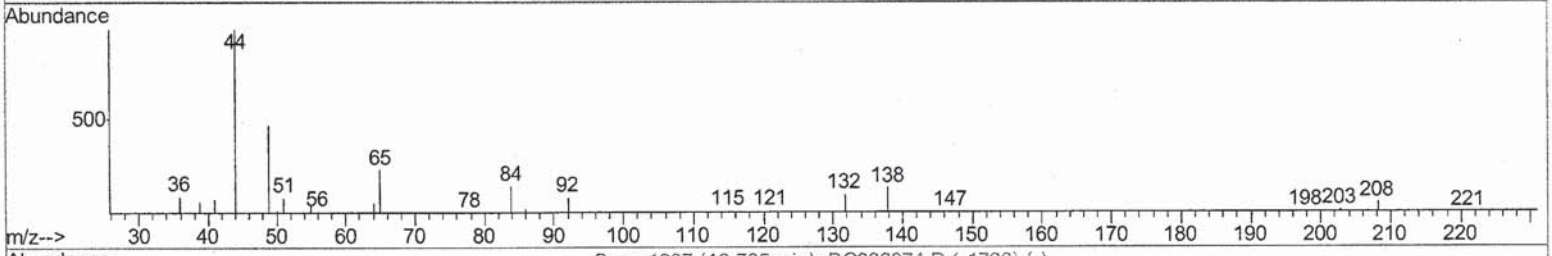

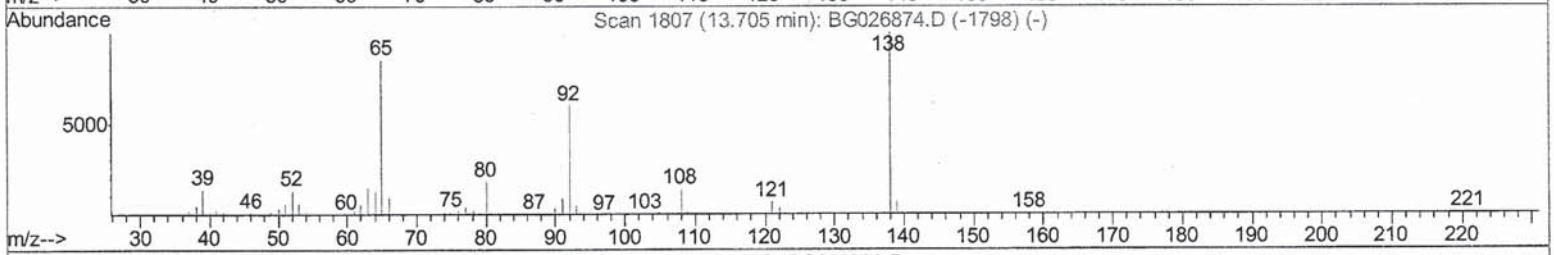

TIC: BG026889.D

(42) 2-Nitroaniline

13.882min (+0.177) 0.03ng/ul

response 344

Ion	Exp%	Act%
65.00	100	100
92.00	63.60	66.77
138.00	77.20	77.64
0.00	0.00	0.00

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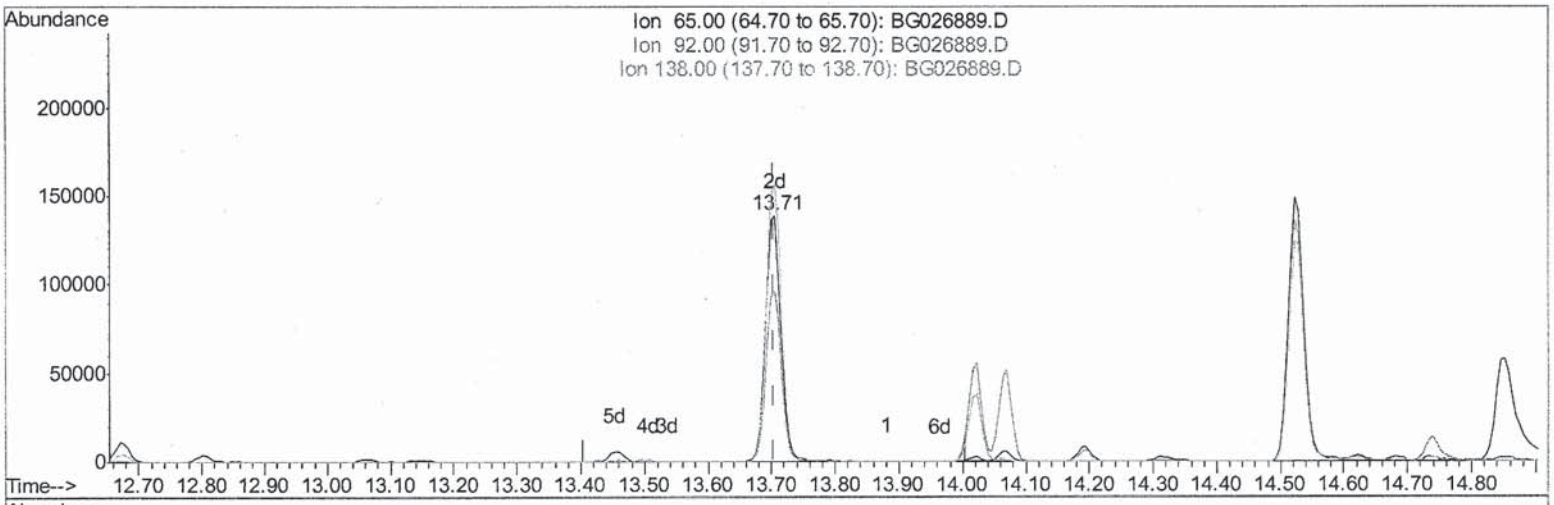

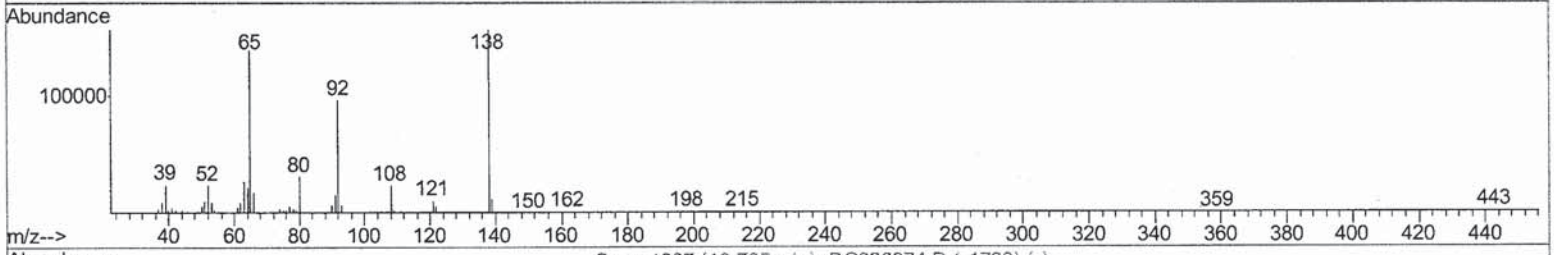

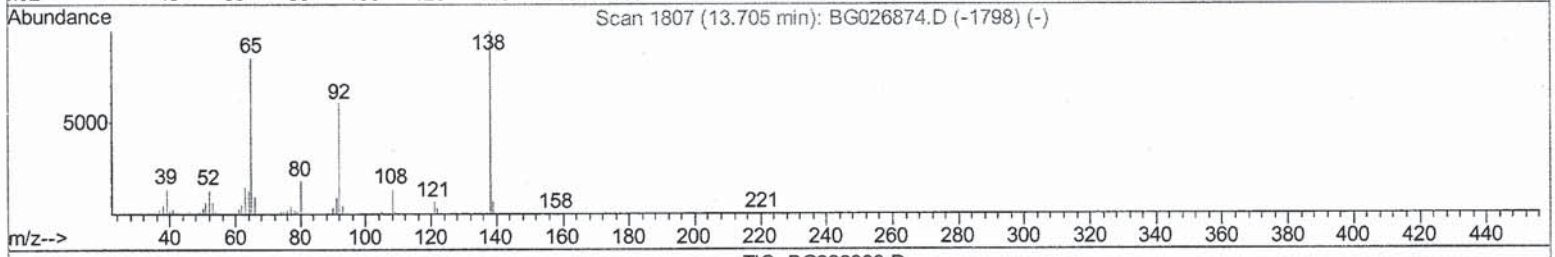

TIC: BG026889.D

(42) 2-Nitroaniline

13.706min (+0.001) 22.30ng/ul m SJ 5/12/17

response 234567

Ion	Exp%	Act%
65.00	100	100
92.00	63.60	69.32
138.00	77.20	112.62#
0.00	0.00	0.00

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LabSampleId : SSTD02077

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	229383	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	1079373	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	582571	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	1071148	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	961006	20.00	ng/ul	0.00
83) Perylene-d12	24.77	264	1067494	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	37572	7.38	ng/uL	0.00
5) Phenol-d5	7.18	99	443734	21.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	249648	20.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	361768	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	360264	21.20	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	179190	19.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	202138	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	325276	20.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	465071	22.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	908865	19.38	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	1186766	20.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	146063	17.28	ng/ul	0.00
57) Fluorene-d10	15.61	176	805943	19.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	115710	17.79	ng/ul	0.00
70) Anthracene-d10	17.45	188	1045629	20.11	ng/ul	0.00
76) Pyrene-d10	19.73	212	992992	19.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	1017098	20.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	40081	6.90	ng/uL#	81
4) Benzaldehyde	7.14	77	181711	18.37	ng/ul#	66
6) Phenol	7.21	94	451068	21.74	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.42	93	318978	19.91	ng/ul	91
10) 2-Chlorophenol	7.58	128	346205	20.25	ng/ul#	84
11) 2-Methylphenol	8.46	108	349905	21.31	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.54	45	368059	22.02	ng/ul#	89
14) Acetophenone	8.83	105	511874m	20.51	ng/ul	
15) N-Nitroso-di-n-propylamine	8.81	70	234226	19.02	ng/ul#	69
16) 4-Methylphenol	8.79	108	384541	21.41	ng/ul	97
17) Hexachloroethane	9.09	117	127504	19.82	ng/ul#	69
20) Nitrobenzene	9.21	77	356802	20.49	ng/ul#	77
21) Isophorone	9.73	82	663342	19.85	ng/ul#	90
23) 2-Nitrophenol	9.92	139	213495	20.70	ng/ul#	59
24) 2,4-Dimethylphenol	9.98	107	395509	21.03	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.20	93	451664	19.79	ng/ul#	96
27) 2,4-Dichlorophenol	10.46	162	324815	20.89	ng/ul	98
28) Naphthalene	10.86	128	1107880	19.72	ng/ul	98
30) 4-Chloroaniline	10.96	127	442239	22.46	ng/ul	92
31) Hexachlorobutadiene	11.14	225	151895	19.31	ng/ul	87
32) Caprolactam	11.71	113	118280	20.36	ng/ul#	71
33) 4-Chloro-3-methylphenol	12.10	107	372028	22.06	ng/ul#	83
34) 2-Methylnaphthalene	12.45	142	825820	19.81	ng/ul	94

SJ 5/12/17

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Manual Integrations APPROVED
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SJ 5/12/17

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	312879	20.37 ng/ul	94
37) Hexachlorocyclopentadiene	12.81	237	102624	15.17 ng/ul	98
38) 2,4,6-Trichlorophenol	13.07	196	223753	21.18 ng/ul	100
39) 2,4,5-Trichlorophenol	13.15	196	224616	20.56 ng/ul	94
40) 1,1'-Biphenyl	13.45	154	972834	19.86 ng/ul	96
41) 2-Chloronaphthalene	13.50	162	741520	20.14 ng/ul	93
42) 2-Nitroaniline	13.71	65	234567m	22.30 ng/ul	
44) Dimethylphthalate	14.07	163	879553	19.16 ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	195615	20.19 ng/ul#	82
47) Acenaphthylene	14.34	152	1196897	19.95 ng/ul	98
48) 3-Nitroaniline	14.52	138	210348	20.64 ng/ul	81
49) Acenaphthene	14.68	153	819004	19.62 ng/ul	97
50) 2,4-Dinitrophenol	14.74	184	86316	17.43 ng/ul#	77
52) 4-Nitrophenol	14.85	109	84914	17.13 ng/ul#	41
53) Dibenzofuran	15.02	168	1070948	19.28 ng/ul	97
54) 2,4-Dinitrotoluene	14.98	165	269383	19.43 ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.25	232	166844	19.44 ng/ul#	76
56) Diethylphthalate	15.43	149	922265	19.20 ng/ul	99
58) Fluorene	15.66	166	857482	18.91 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.65	204	373731	18.91 ng/ul	94
60) 4-Nitroaniline	15.68	138	196361	17.47 ng/ul#	51
63) 4,6-Dinitro-2-methylphenol	15.75	198	122867	18.14 ng/ul#	89
64) N-Nitrosodiphenylamine	15.86	169	731910	20.79 ng/ul	96
65) 4-Bromophenyl-phenylether	16.54	248	223453	20.91 ng/ul#	85
66) Hexachlorobenzene	16.67	284	231417	20.10 ng/ul#	91
67) Atrazine	16.81	200	231962	21.08 ng/ul#	92
68) Pentachlorophenol	17.02	266	101894	19.38 ng/ul	96
69) Phenanthrene	17.40	178	1199127	19.87 ng/ul	100
71) Anthracene	17.49	178	1238203	20.00 ng/ul	98
72) Carbazole	17.76	167	1138271	21.75 ng/ul	98
73) Di-n-butylphthalate	18.31	149	1464767	21.51 ng/ul#	97
74) Fluoranthene	19.40	202	1228220	21.92 ng/ul#	81
77) Pyrene	19.76	202	1249509	19.38 ng/ul#	74
78) Butylbenzylphthalate	20.64	149	661551	22.09 ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.50	252	420331	22.75 ng/ul#	93
80) Benzo(a)anthracene	21.58	228	1135476	20.20 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.48	149	940512	22.01 ng/ul#	98
82) Chrysene	21.65	228	1037461	19.87 ng/ul	97
84) Di-n-octyl phthalate	22.66	149	1643824	22.41 ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	1186542	19.45 ng/ul#	92
86) Benzo(k)fluoranthene	23.83	252	1173466	19.58 ng/ul#	94
88) Benzo(a)pyrene	24.62	252	1192174	19.86 ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	28.38	276	1390159	19.53 ng/ul#	79
90) Dibenzo(a,h)anthracene	28.42	278	1122747	18.61 ng/ul#	88
91) Benzo(g,h,i)perylene	29.50	276	1109338	18.80 ng/ul#	81

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