Data Path : Z:\HPCHEM1\BNA G\DATA\BG051117\
Data File : BG026955.D
Acq On : 11 May 2017 22:49
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 12 05:04:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 01:49:01 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02086

Manual Integrations APPROVED
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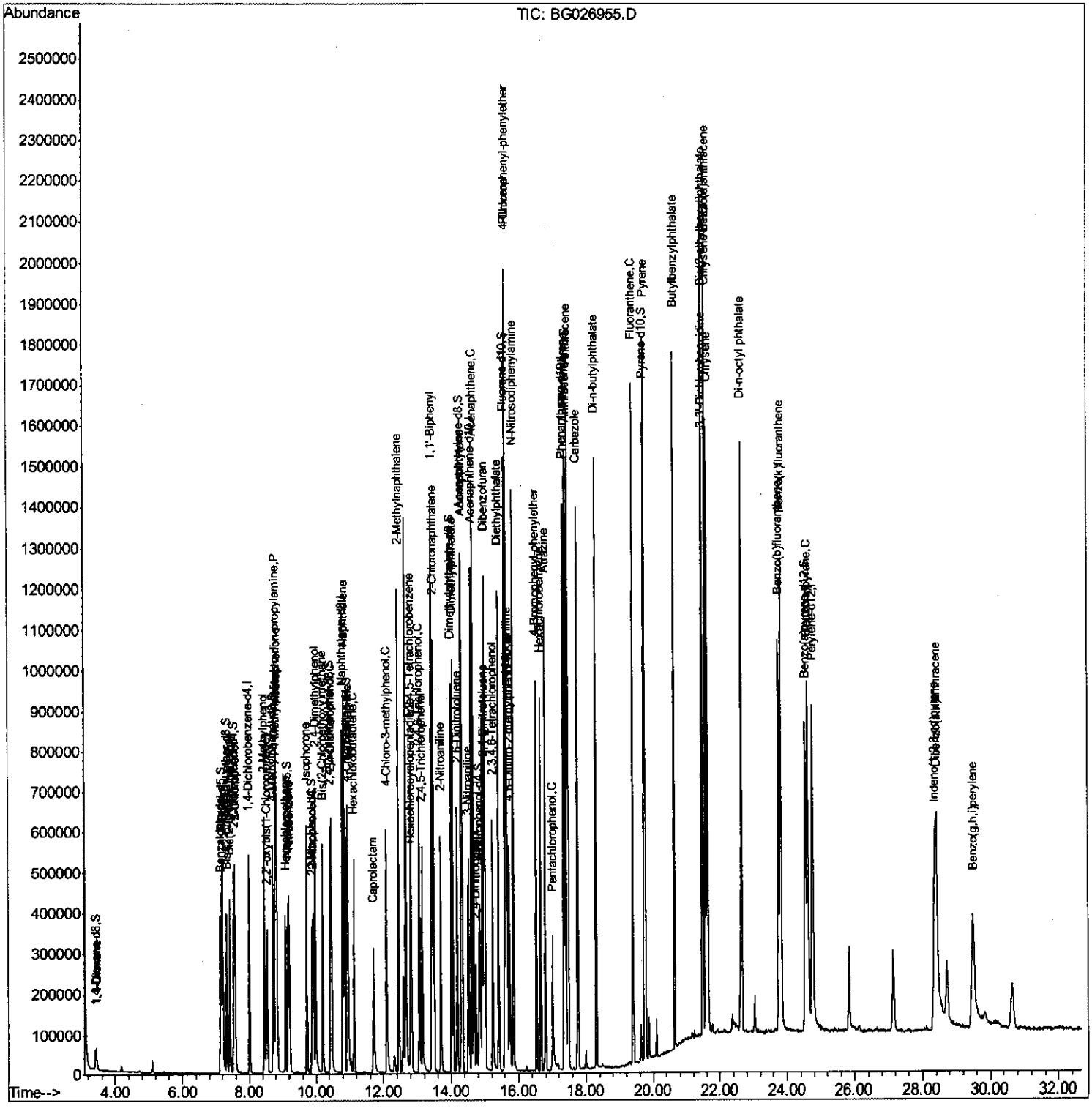
5/12/2017 11:33:17 AM



Quantitation Report (Qedit)

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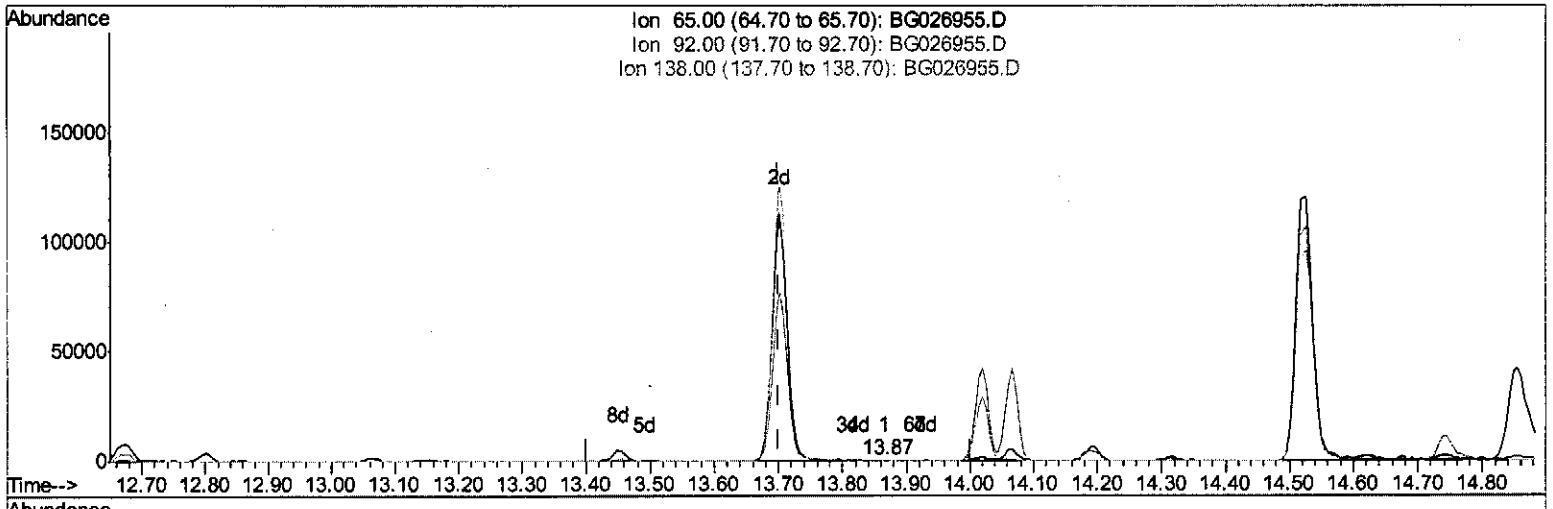

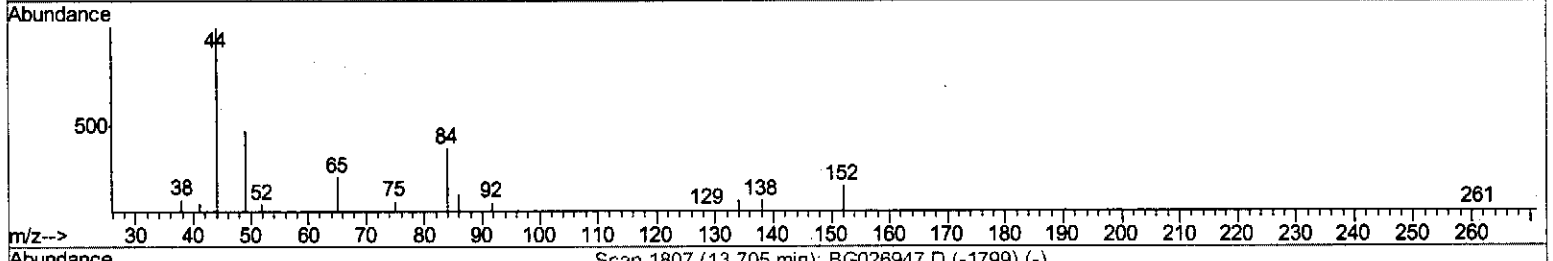

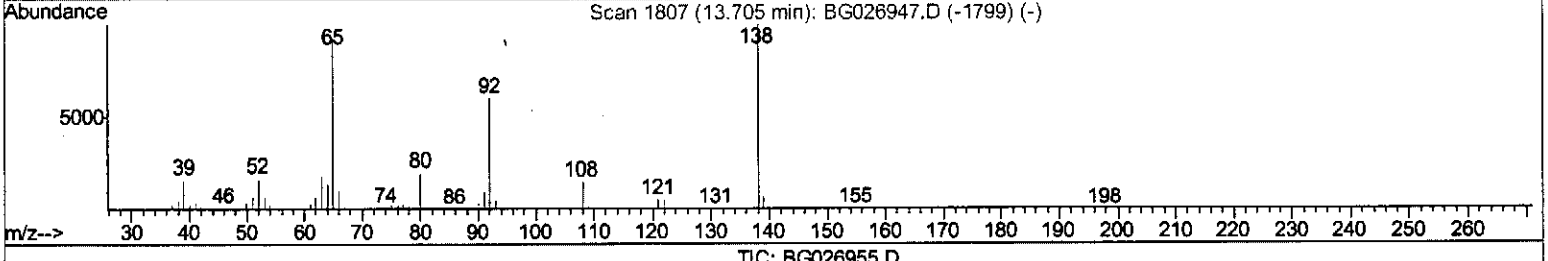

TIC: BG026955.D

(42) 2-Nitroaniline

13.867min (+0.166) 0.03ng/ul

response 213

Ion	Exp%	Act%
65.00	100	100
92.00	63.60	63.95
138.00	77.20	67.01
0.00	0.00	0.00

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Manual Integrations APPROVED
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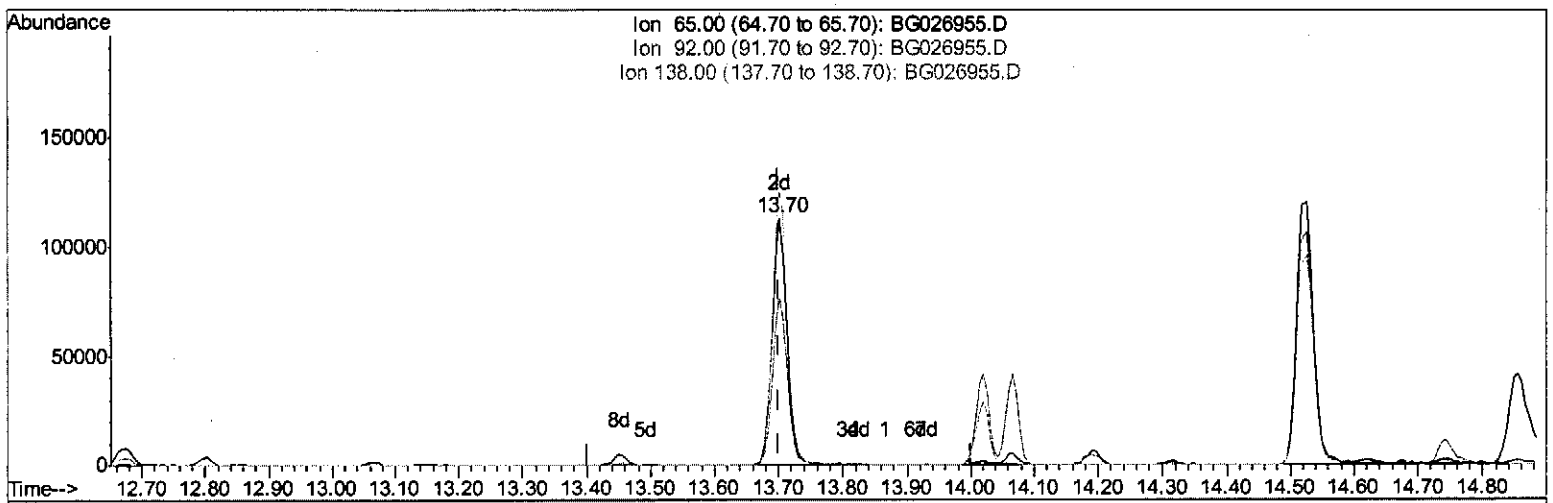

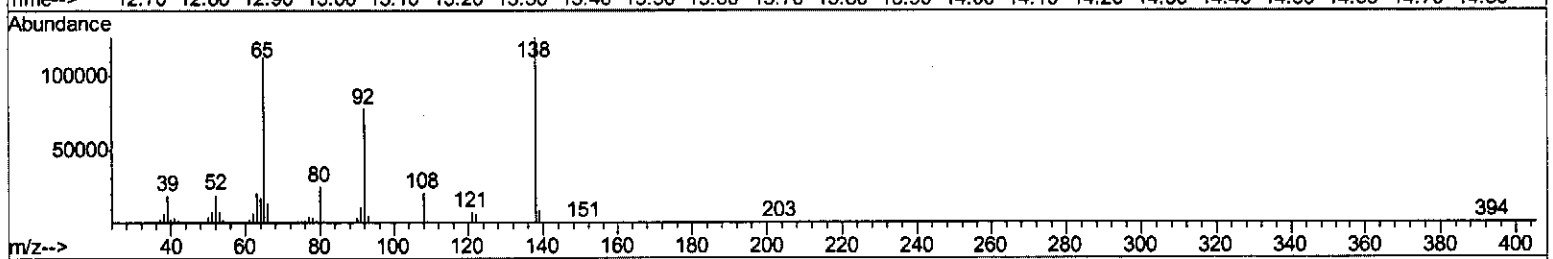

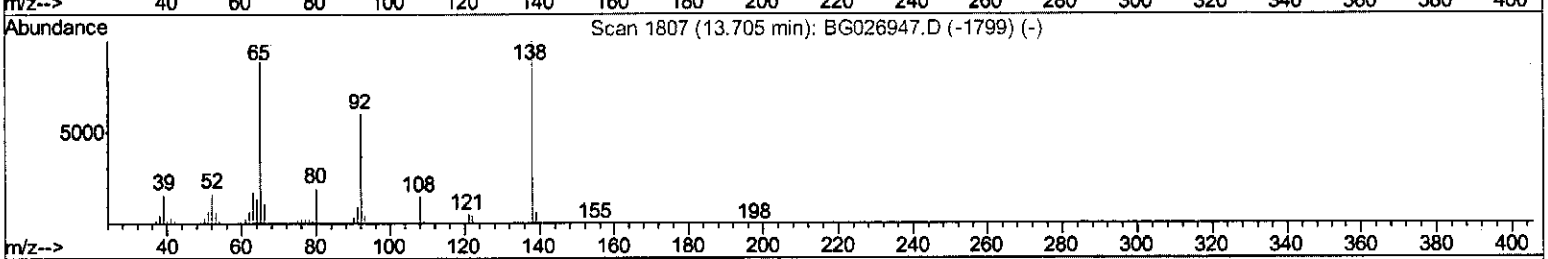

TIC: BG026955.D

(42) 2-Nitroaniline

13.702min (+0.001) 24.19ng/ul m SJ 5/22/17

response 183173

Ion	Exp%	Act%
65.00	100	100
92.00	63.60	68.60
138.00	77.20	111.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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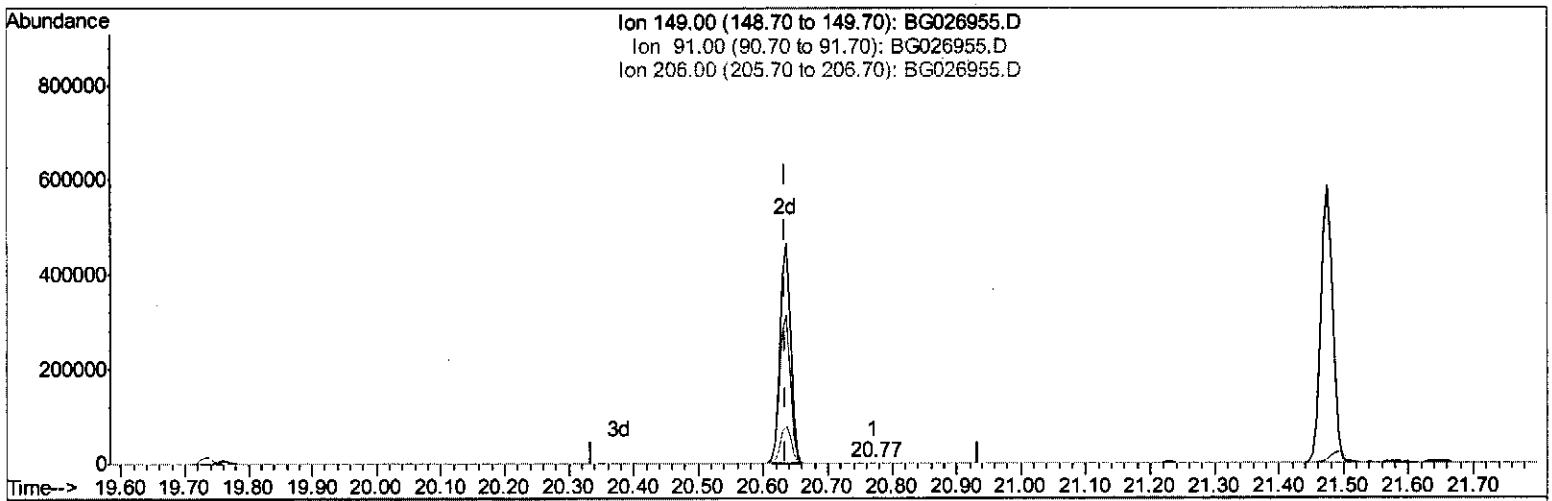

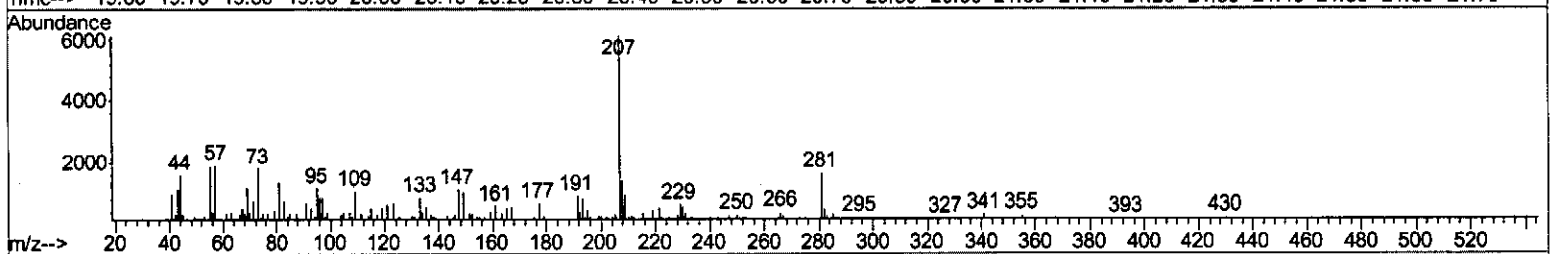

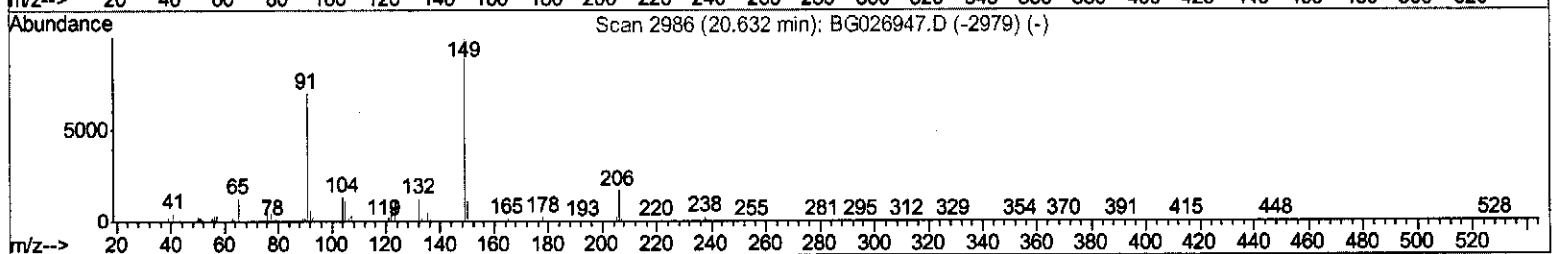

TIC: BG026955.D

(78) Butylbenzylphthalate

20.771min (+0.136) 0.04ng/ul

response 896

Ion	Exp%	Act%
149.00	100	100
91.00	82.20	69.00
206.00	25.10	22.54
0.00	0.00	0.00

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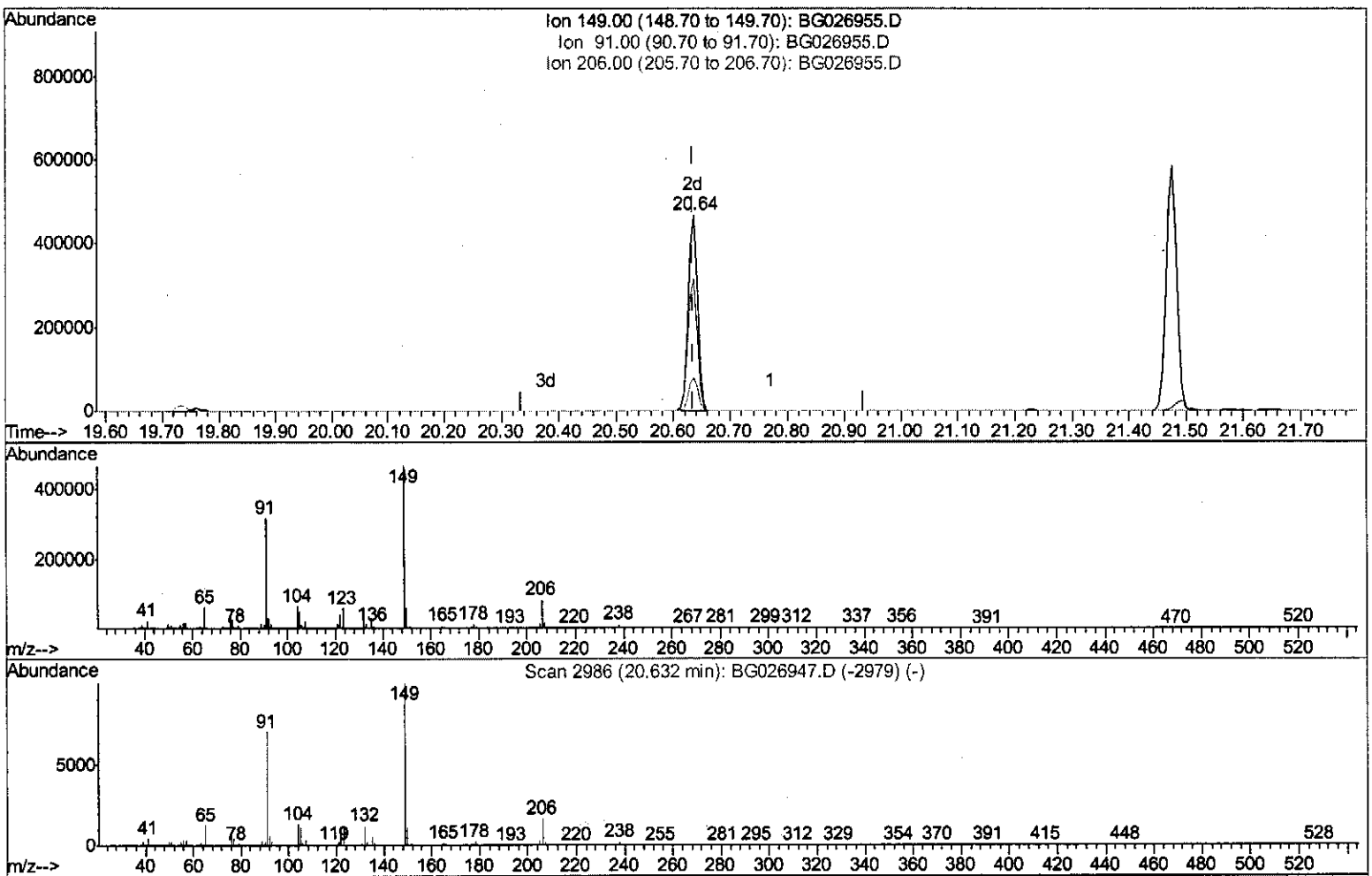

TIC: BG026955.D

(78) Butylbenzylphthalate

20.635min (+0.001) 23.66ng/ul m SJ 5/22/17

response 537134

Ion	Exp%	Act%
149.00	100	100
91.00	82.20	67.52
206.00	25.10	17.26#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	8.01	152	166228	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	784034	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	419446	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	814719	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	728524	20.00	ng/ul	0.00
83) Perylene-d12	24.77	264	738242	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	28790	7.80	ng/uL	0.00
5) Phenol-d5	7.19	99	330311	22.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	191727	21.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	262519	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	261905	21.27	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	132766	20.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	148009	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	234987	20.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	344413	22.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	688809	20.40	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	914167	21.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	108611	17.85	ng/ul	0.00
57) Fluorene-d10	15.61	176	597952	20.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.74	200	82270	16.63	ng/ul	0.00
70) Anthracene-d10	17.45	188	831240	21.02	ng/ul	0.00
76) Pyrene-d10	19.73	212	778919	20.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	743905	21.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	32248	7.66	ng/uL#	84
4) Benzaldehyde	7.14	77	151190	21.09	ng/ul#	71
6) Phenol	7.21	94	336544	22.38	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.42	93	241445	20.80	ng/ul	91
10) 2-Chlorophenol	7.57	128	257135	20.75	ng/ul#	83
11) 2-Methylphenol	8.46	108	253663	21.31	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.54	45	285819	23.59	ng/ul#	91
14) Acetophenone	8.83	105	380680	21.05	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.81	70	180481	20.23	ng/ul#	72
16) 4-Methylphenol	8.78	108	276367	21.23	ng/ul	99
17) Hexachloroethane	9.08	117	94360	20.24	ng/ul#	67
20) Nitrobenzene	9.21	77	271849	21.50	ng/ul#	76
21) Isophorone	9.72	82	509866	21.00	ng/ul#	91
23) 2-Nitrophenol	9.92	139	152776	20.39	ng/ul#	62
24) 2,4-Dimethylphenol	9.98	107	293659	21.49	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.21	93	336644	20.30	ng/ul#	95
27) 2,4-Dichlorophenol	10.47	162	239528	21.21	ng/ul	96
28) Naphthalene	10.85	128	838388	20.54	ng/ul	98
30) 4-Chloroaniline	10.96	127	323866	22.65	ng/ul	94
31) Hexachlorobutadiene	11.14	225	109230	19.12	ng/ul#	88
32) Caprolactam	11.71	113	91951	21.79	ng/ul	78
33) 4-Chloro-3-methylphenol	12.10	107	281887	23.02	ng/ul	88
34) 2-Methylnaphthalene	12.46	142	617840	20.40	ng/ul	97

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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	12.83	216	227839	20.60 ng/ul	95
37) Hexachlorocyclopentadiene	12.80	237	84930	17.43 ng/ul	96
38) 2,4,6-Trichlorophenol	13.07	196	162856	21.41 ng/ul	95
39) 2,4,5-Trichlorophenol	13.15	196	162091	20.61 ng/ul	98
40) 1,1'-Biphenyl	13.46	154	734875	20.84 ng/ul	96
41) 2-Chloronaphthalene	13.50	162	556380	20.99 ng/ul	95
42) 2-Nitroaniline	13.70	65	183173m	24.19 ng/ul	
44) Dimethylphthalate	14.07	163	666723	20.17 ng/ul	98
45) 2,6-Dinitrotoluene	14.19	165	145905	20.92 ng/ul	87
47) Acenaphthylene	14.34	152	922375	21.35 ng/ul	99
48) 3-Nitroaniline	14.52	138	164308	22.39 ng/ul#	82
49) Acenaphthene	14.68	153	621367	20.68 ng/ul	96
50) 2,4-Dinitrophenol	14.74	184	76071	21.33 ng/ul	83
52) 4-Nitrophenol	14.85	109	63197	17.71 ng/ul#	32
53) Dibenzofuran	15.01	168	823131	20.58 ng/ul	98
54) 2,4-Dinitrotoluene	14.98	165	207887	20.83 ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.25	232	116825	18.91 ng/ul#	71
56) Diethylphthalate	15.42	149	718745	20.78 ng/ul	98
58) Fluorene	15.66	166	669247	20.50 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.65	204	287048	20.17 ng/ul	95
60) 4-Nitroaniline	15.68	138	166779	20.61 ng/ul#	54
63) 4,6-Dinitro-2-methylphenol	15.75	198	85865	16.67 ng/ul	94
64) N-Nitrosodiphenylamine	15.86	169	570434	21.30 ng/ul	96
65) 4-Bromophenyl-phenylether	16.54	248	168006	20.67 ng/ul#	81
66) Hexachlorobenzene	16.67	284	175650	20.06 ng/ul#	86
67) Atrazine	16.80	200	180590	21.58 ng/ul#	92
68) Pentachlorophenol	17.02	266	69063	17.27 ng/ul	91
69) Phenanthrene	17.40	178	946041	20.61 ng/ul	99
71) Anthracene	17.49	178	984268	20.90 ng/ul	99
72) Carbazole	17.76	167	904028	22.71 ng/ul	98
73) Di-n-butylphthalate	18.30	149	1161062	22.42 ng/ul#	96
74) Fluoranthene	19.40	202	980581	23.01 ng/ul#	80
77) Pyrene	19.76	202	1001260	20.49 ng/ul#	74
78) Butylbenzylphthalate	20.64	149	537134m	23.66 ng/ul	
79) 3,3'-Dichlorobenzidine	21.49	252	323290	23.08 ng/ul#	94
80) Benzo(a)anthracene	21.58	228	889175	20.87 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.48	149	758511	23.41 ng/ul#	99
82) Chrysene	21.65	228	811286	20.50 ng/ul	99
84) Di-n-octyl phthalate	22.66	149	1315576	25.93 ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	869488	20.61 ng/ul#	93
86) Benzo(k)fluoranthene	23.83	252	908971	21.93 ng/ul#	93
88) Benzo(a)pyrene	24.62	252	875196	21.08 ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	28.37	276	888552	18.05 ng/ul#	78
90) Dibenzo(a,h)anthracene	28.43	278	776278	18.60 ng/ul#	87
91) Benzo(g,h,i)perylene	29.50	276	644568	15.79 ng/ul#	76

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