Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026945.D
Acq On : 10 May 2017 19:41
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Manual Integrations APPROVED

Quant Time: May 11 09:07:20 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	166408	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	803958	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	426701	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	785117	20.00	ng/ul	0.01
75) Chrysene-d12	21.61	240	671094	20.00	ng/ul	0.01
83) Perylene-d12	24.77	264	700859	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	25521	6.91	ng/uL	0.00
5) Phenol-d5	7.19	99	317609	21.39	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	191166	21.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	259169	20.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	257358	20.88	ng/ul	0.01
19) Nitrobenzene-d5	9.17	128	134334	19.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	147260	20.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	237382	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	340883	21.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	668381	19.46	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	877431	20.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	103793	16.77	ng/ul	0.01
57) Fluorene-d10	15.61	176	572624	19.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.74	200	67083	14.07	ng/ul	0.01
70) Anthracene-d10	17.45	188	765768	20.10	ng/ul	0.00
76) Pyrene-d10	19.74	212	707899	19.98	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.56	264	676272	20.41	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	29528	7.00	ng/uL#	77
4) Benzaldehyde	7.15	77	139805	19.48	ng/ul#	70
6) Phenol	7.22	94	321032m	21.33	ng/ul	
8) Bis(2-Chloroethyl)ether	7.42	93	234468	20.18	ng/ul	93
10) 2-Chlorophenol	7.58	128	254440	20.51	ng/ul#	85
11) 2-Methylphenol	8.46	108	254499	21.36	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.54	45	302579	24.95	ng/ul#	91
14) Acetophenone	8.83	105	377776	20.87	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.81	70	179556	20.10	ng/ul#	75
16) 4-Methylphenol	8.79	108	276191	21.20	ng/ul	98
17) Hexachloroethane	9.09	117	95279	20.42	ng/ul#	69
20) Nitrobenzene	9.21	77	272996	21.05	ng/ul#	78
21) Isophorone	9.73	82	507847	20.40	ng/ul#	91
23) 2-Nitrophenol	9.92	139	152730	19.88	ng/ul#	63
24) 2,4-Dimethylphenol	9.99	107	291546	20.81	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.20	93	334177	19.65	ng/ul#	97
27) 2,4-Dichlorophenol	10.47	162	234233	20.22	ng/ul	96
28) Naphthalene	10.86	128	843816	20.16	ng/ul	98
30) 4-Chloroaniline	10.97	127	322988	22.03	ng/ul	94
31) Hexachlorobutadiene	11.14	225	110376	18.84	ng/ul	92
32) Caprolactam	11.72	113	88163	20.37	ng/ul#	80
33) 4-Chloro-3-methylphenol	12.10	107	270281	21.52	ng/ul#	85
34) 2-Methylnaphthalene	12.46	142	614258	19.78	ng/ul	94

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	220973	19.64	ng/ul#	93
37) Hexachlorocyclopentadiene	12.81	237	55711	11.24	ng/ul	98
38) 2,4,6-Trichlorophenol	13.07	196	158264	20.45	ng/ul	92
39) 2,4,5-Trichlorophenol	13.15	196	157524	19.69	ng/ul	99
40) 1,1'-Biphenyl	13.46	154	722852	20.15	ng/ul	95
41) 2-Chloronaphthalene	13.51	162	537376	19.93	ng/ul	94
42) 2-Nitroaniline	13.71	65	181423	23.55	ng/ul#	78
44) Dimethylphthalate	14.07	163	646424	19.23	ng/ul	97
45) 2,6-Dinitrotoluene	14.19	165	141483	19.94	ng/ul#	85
47) Acenaphthylene	14.35	152	886858	20.18	ng/ul	99
48) 3-Nitroaniline	14.53	138	159314	21.34	ng/ul	80
49) Acenaphthene	14.69	153	609480	19.94	ng/ul	95
50) 2,4-Dinitrophenol	14.75	184	52143	14.37	ng/ul#	79
52) 4-Nitrophenol	14.86	109	62409	17.19	ng/ul#	30
53) Dibenzofuran	15.02	168	790966	19.44	ng/ul	96
54) 2,4-Dinitrotoluene	14.99	165	195246	19.23	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.25	232	112177	17.85	ng/ul#	65
56) Diethylphthalate	15.42	149	687381	19.53	ng/ul	99
58) Fluorene	15.67	166	635601	19.14	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	270631	18.69	ng/ul	94
60) 4-Nitroaniline	15.69	138	164224	19.95	ng/ul#	54
63) 4,6-Dinitro-2-methylphenol	15.76	198	69232	13.94	ng/ul	99
64) N-Nitrosodiphenylamine	15.87	169	535256	20.74	ng/ul	97
65) 4-Bromophenyl-phenylether	16.54	248	154261	19.69	ng/ul#	81
66) Hexachlorobenzene	16.67	284	157856	18.71	ng/ul#	86
67) Atrazine	16.81	200	165768	20.55	ng/ul#	91
68) Pentachlorophenol	17.02	266	64903	16.84	ng/ul	92
69) Phenanthrene	17.40	178	885551	20.02	ng/ul	99
71) Anthracene	17.49	178	920546	20.29	ng/ul	99
72) Carbazole	17.76	167	839157	21.87	ng/ul	98
73) Di-n-butylphthalate	18.31	149	1093960	21.92	ng/ul#	96
74) Fluoranthene	19.40	202	884927	21.55	ng/ul#	79
77) Pyrene	19.77	202	912696	20.27	ng/ul#	76
78) Butylbenzylphthalate	20.64	149	498953m	23.86	ng/ul	
79) 3,3'-Dichlorobenzidine	21.50	252	267863	20.76	ng/ul#	95
80) Benzo(a)anthracene	21.58	228	796073	20.28	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.48	149	703443	23.57	ng/ul#	98
82) Chrysene	21.65	228	728077	19.97	ng/ul	98
84) Di-n-octyl phthalate	22.66	149	1227201	25.48	ng/ul	100
85) Benzo(b)fluoranthene	23.77	252	781477	19.51	ng/ul#	92
86) Benzo(k)fluoranthene	23.83	252	818542	20.80	ng/ul#	91
88) Benzo(a)pyrene	24.63	252	786574	19.96	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	28.39	276	752997	16.12	ng/ul#	79
90) Dibenzo(a,h)anthracene	28.44	278	655655	16.55	ng/ul#	85
91) Benzo(g,h,i)perylene	29.52	276	517213	13.35	ng/ul#	77

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

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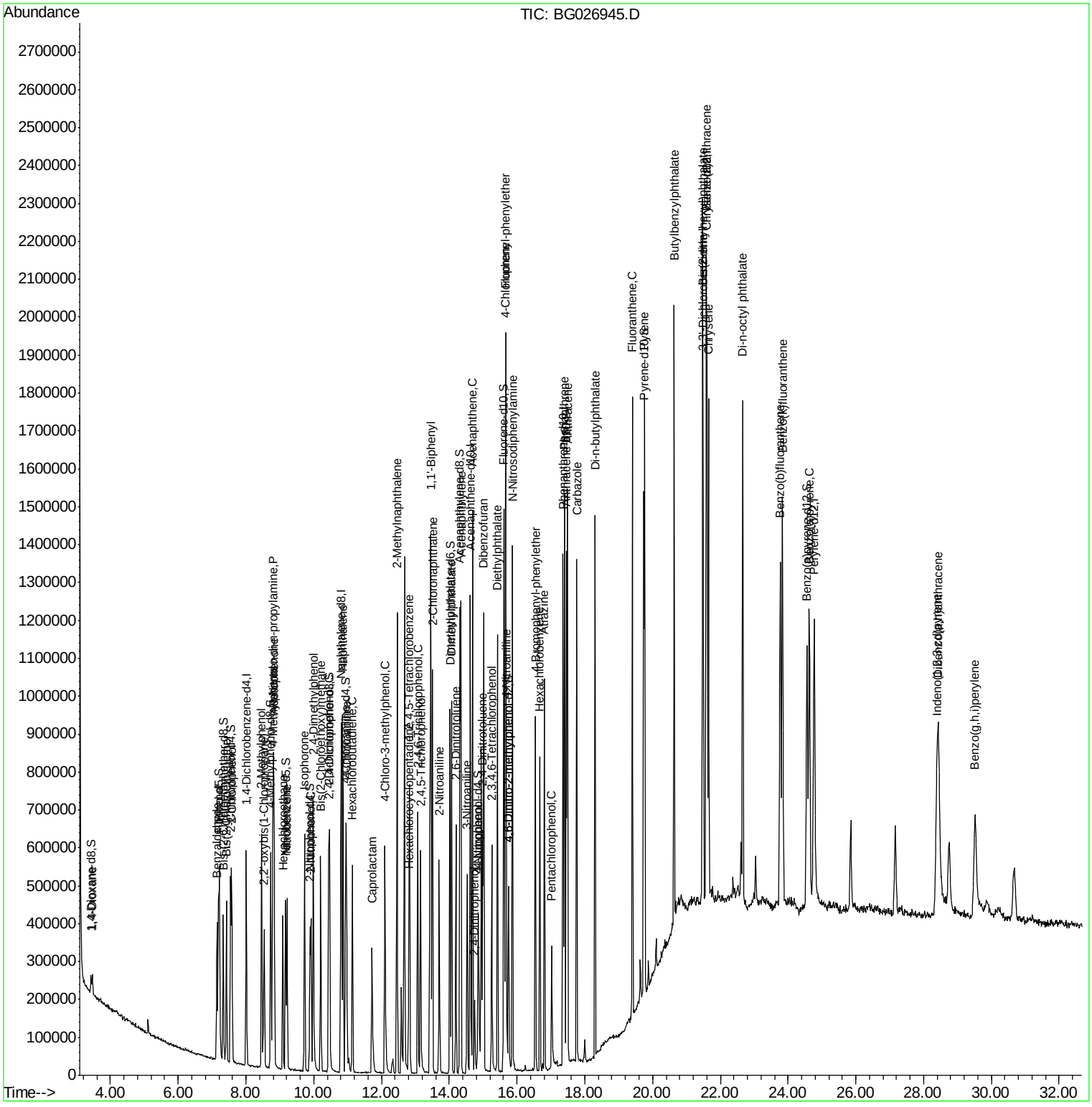
Manual Integrations APPROVED



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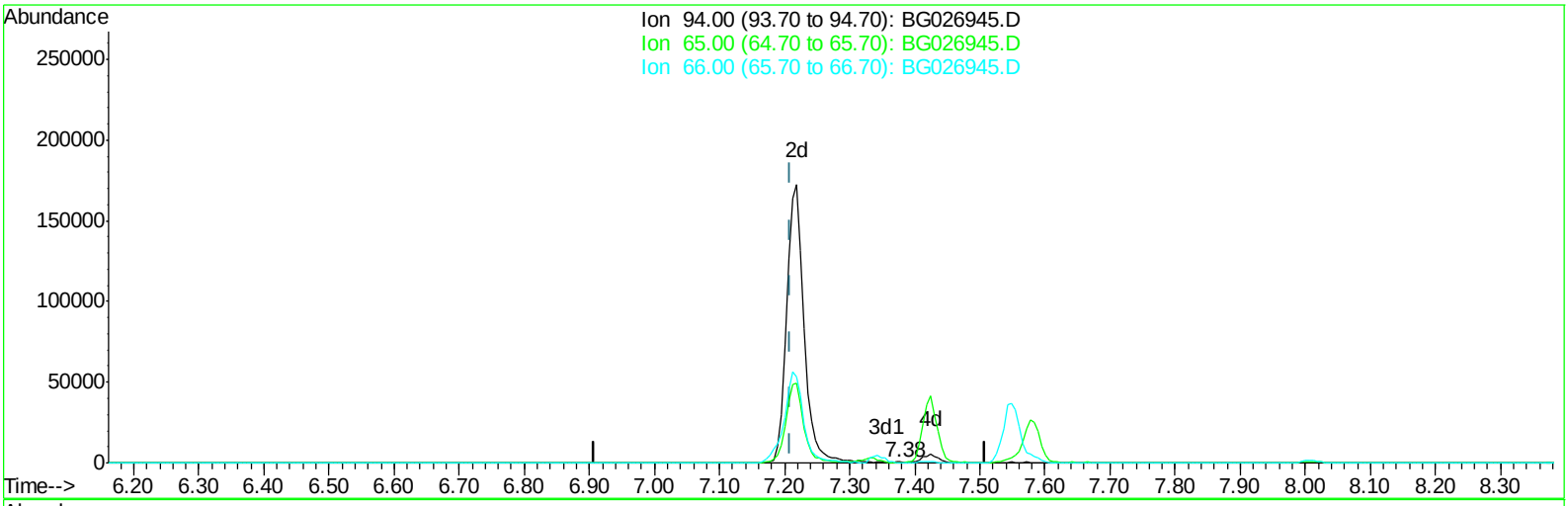

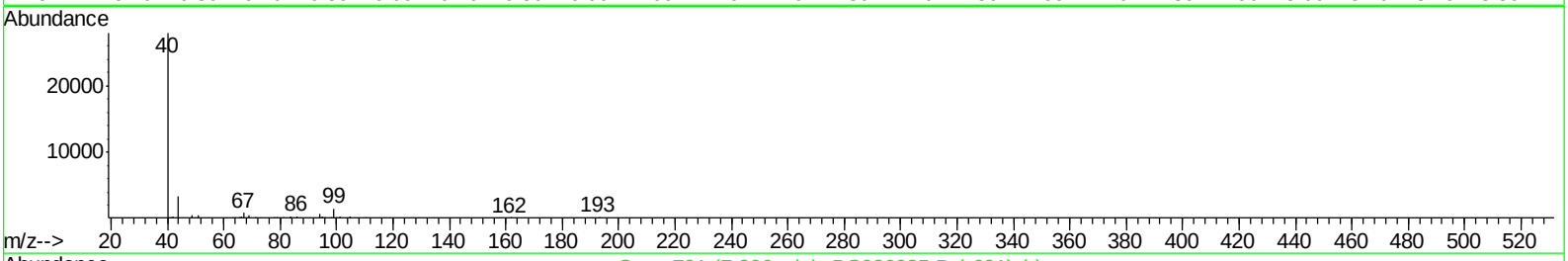

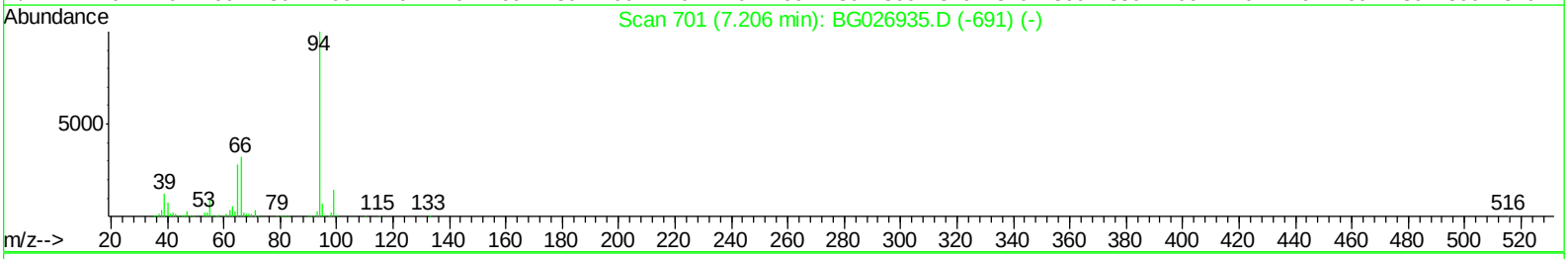

TIC: BG026945.D

(6) Phenol

7.377min (+0.169) 0.03ng/ul

response 496

Ion	Exp%	Act%
94.00	100	100
65.00	33.50	29.76
66.00	55.50	45.98
0.00	0.00	0.00

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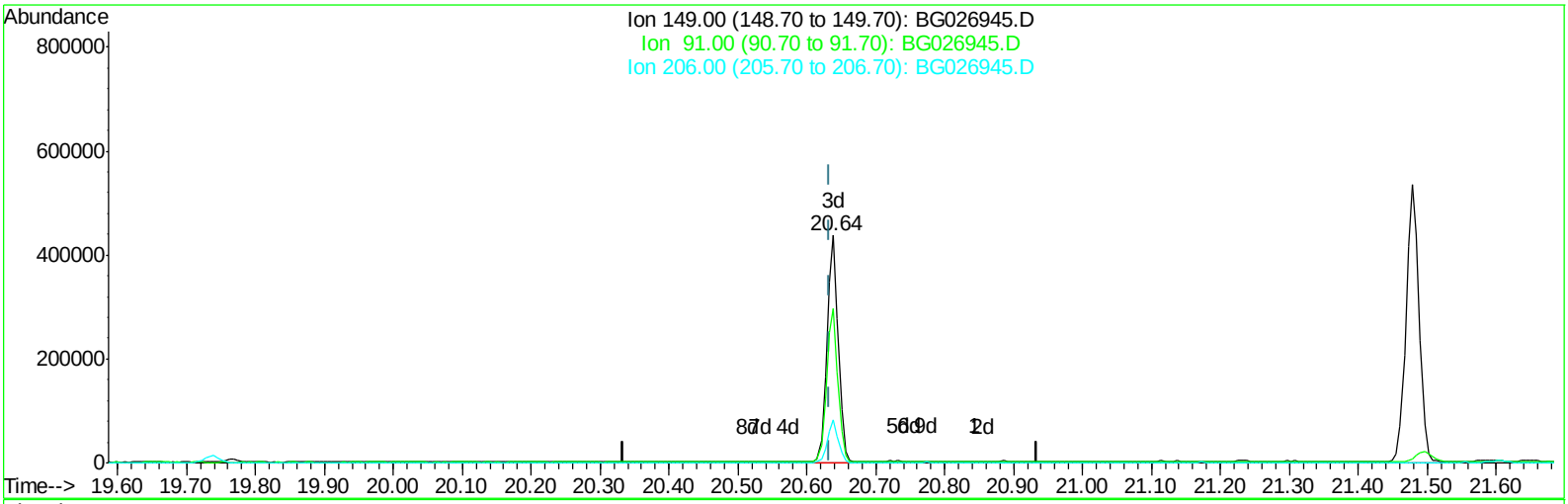

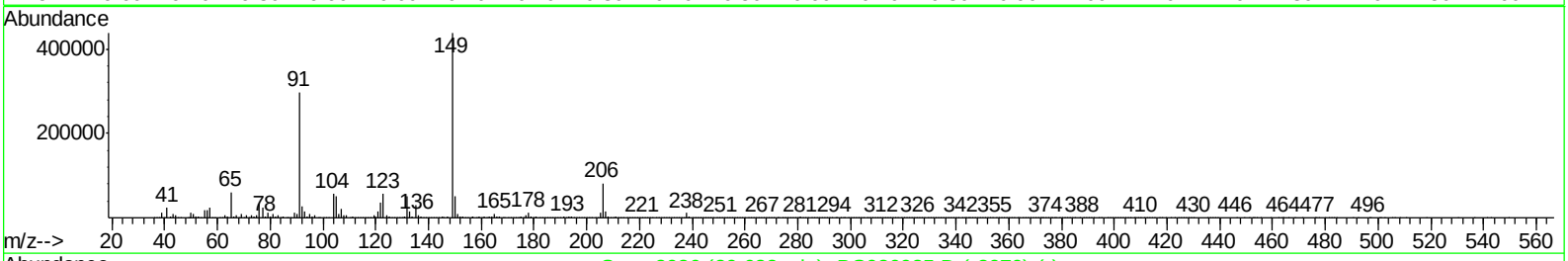

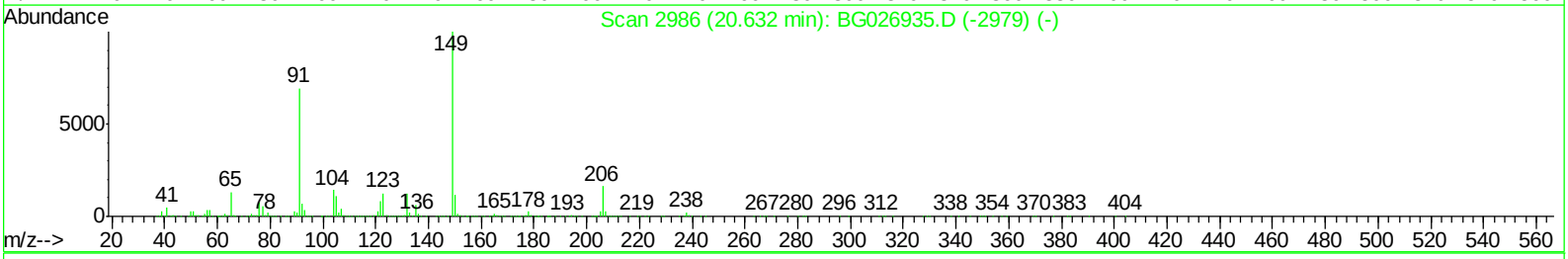

TIC: BG026945.D

(78) Butylbenzylphthalate

20.638min (+0.004) 23.86ng/ul m

response 498953

Ion	Exp%	Act%
149.00	100	100
91.00	82.20	67.83
206.00	25.10	18.75#
0.00	0.00	0.00

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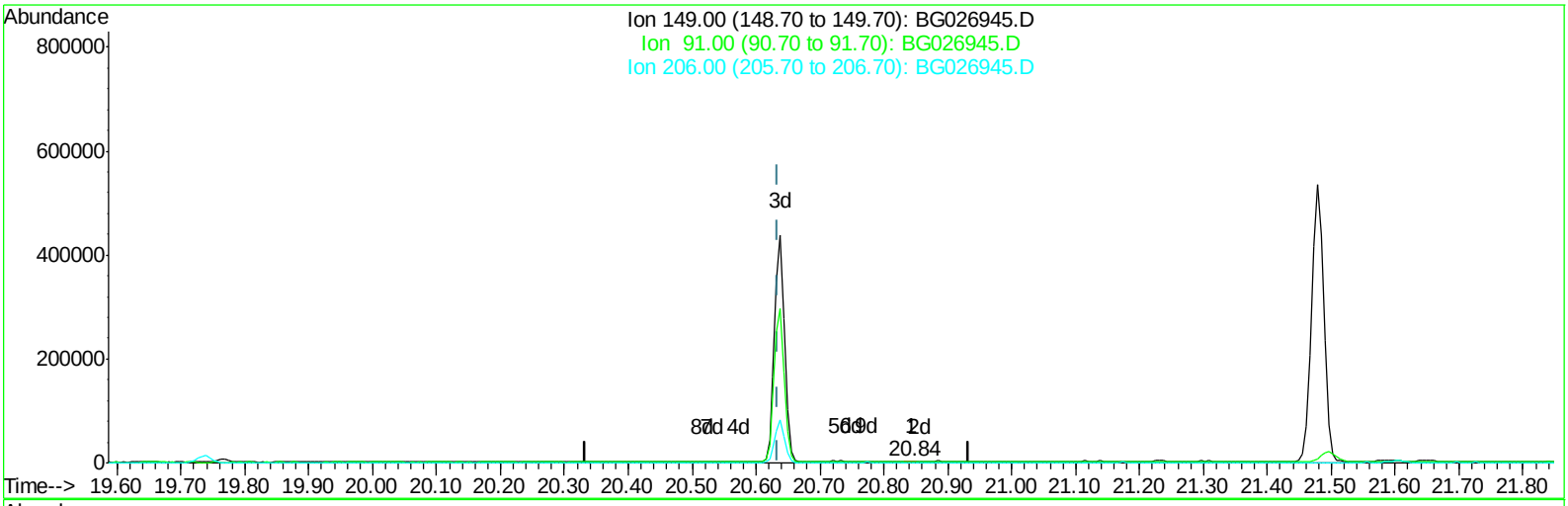

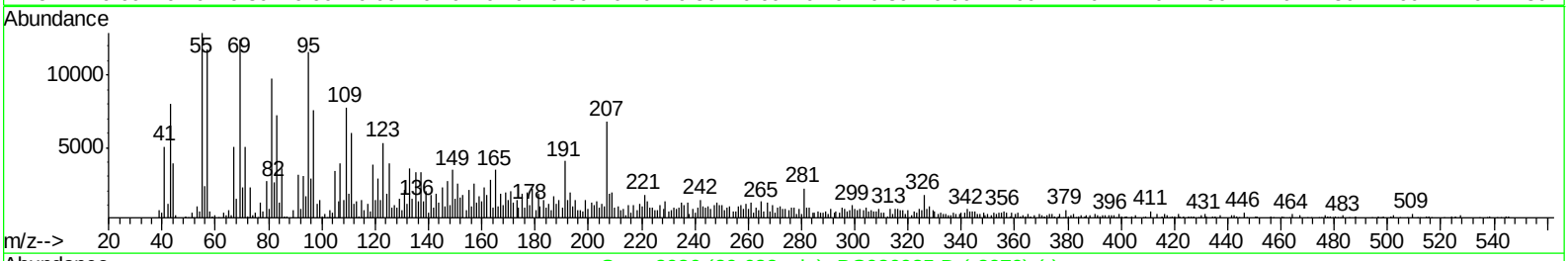

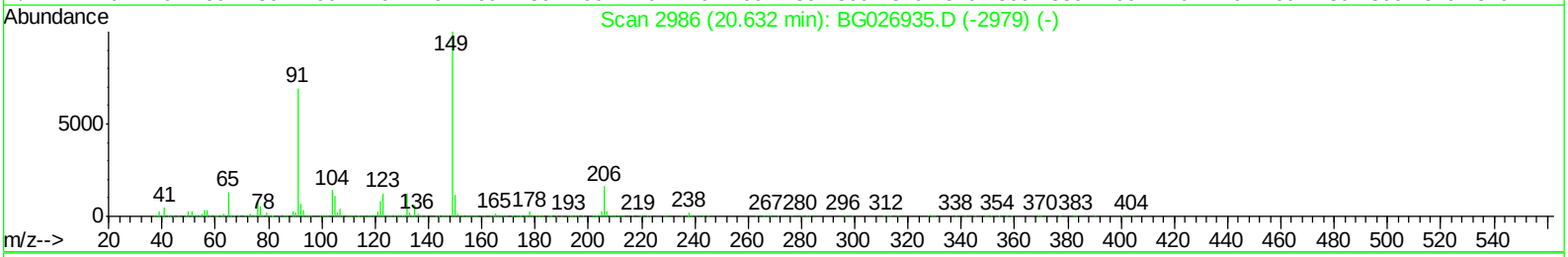

TIC: BG026945.D

(78) Butylbenzylphthalate

20.844min (+0.210) 0.03ng/ul

response 590

Ion	Exp%	Act%
149.00	100	100
91.00	82.20	90.42
206.00	25.10	26.34
0.00	0.00	0.00

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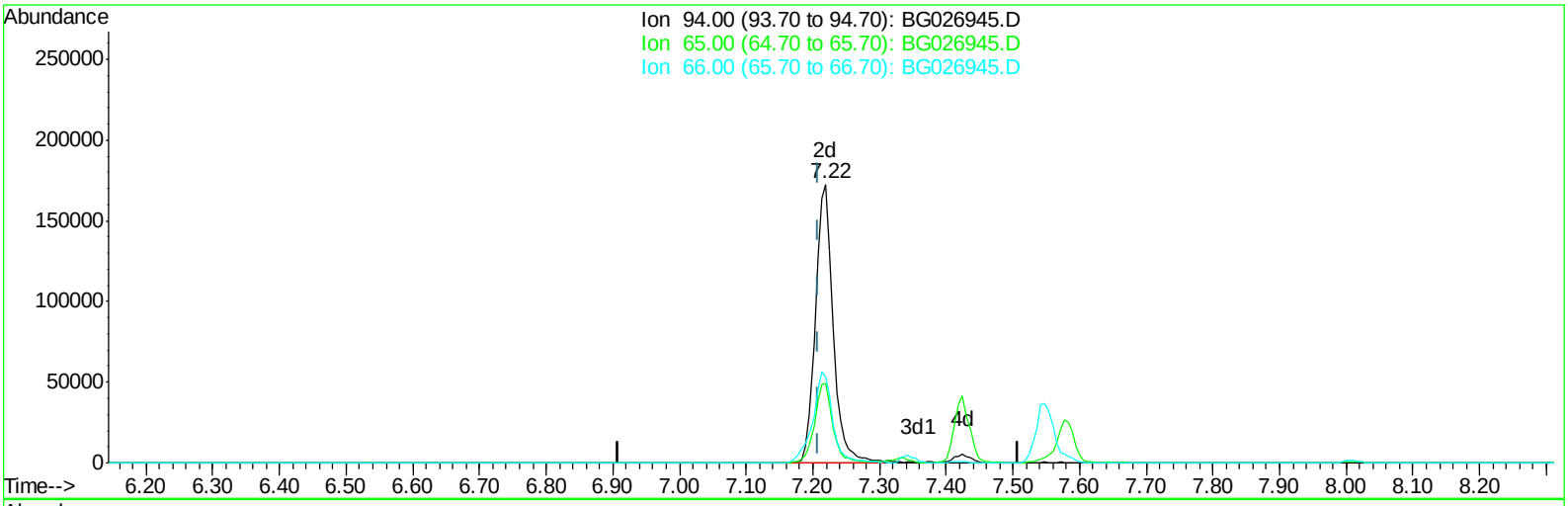

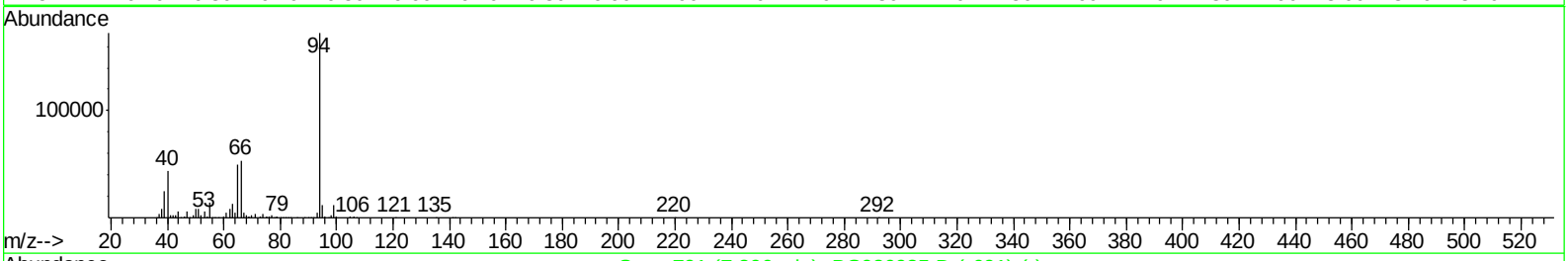

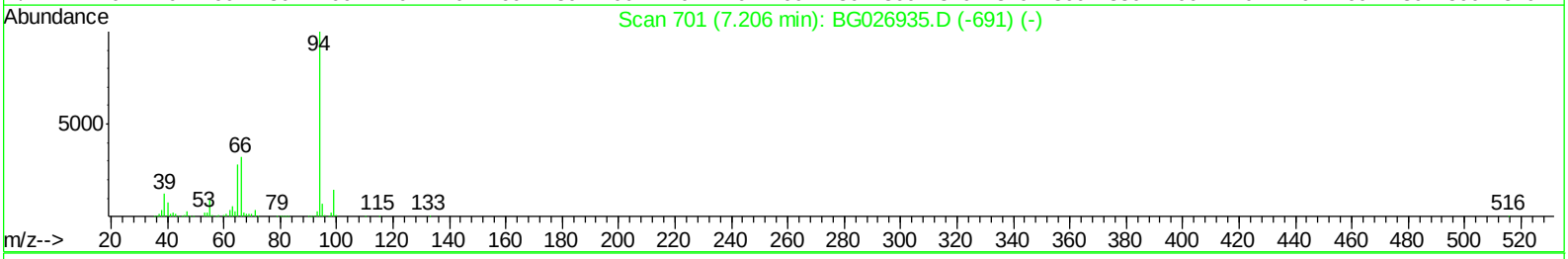

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(6) Phenol

7.219min (+0.010) 21.33ng/ul m

response 321032

Ion	Exp%	Act%
94.00	100	100
65.00	33.50	28.71
66.00	55.50	31.12#
0.00	0.00	0.00