Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
Data File : BG025097.D
Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 12 06:39:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 06:35:19 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA818

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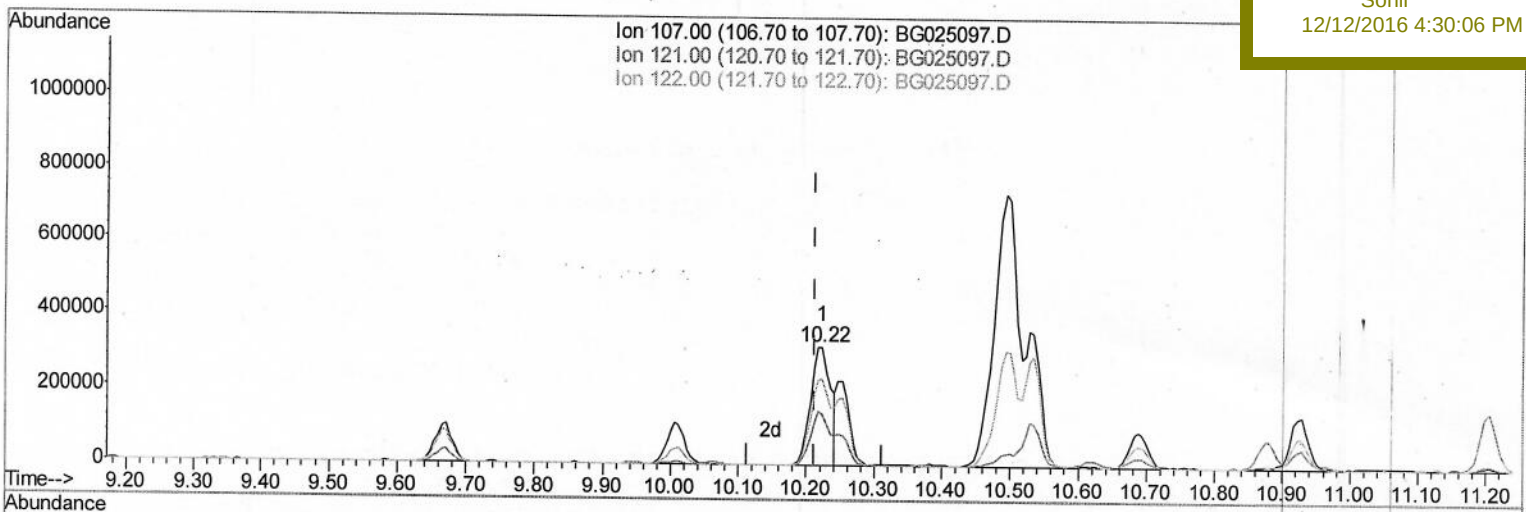
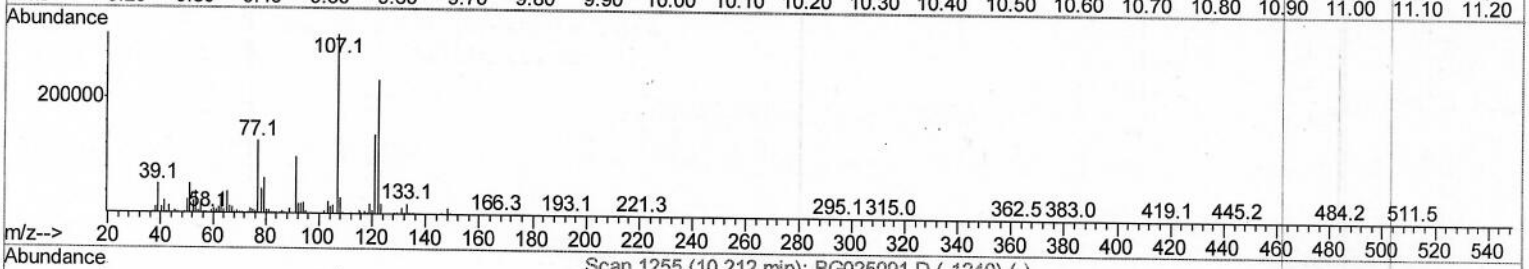
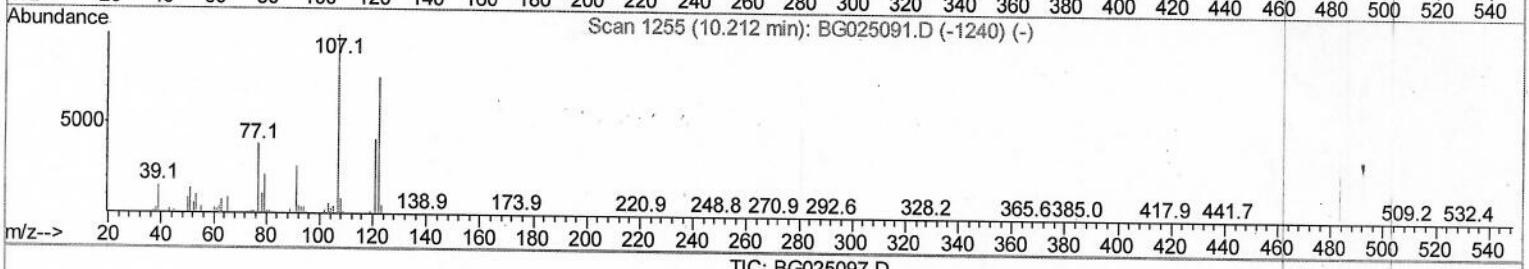
12/12/2016 4:30:06 PM







TIC: BG025097.D

(24) 2,4-Dimethylphenol

10.223min (+0.011) 72.42ng/ul

response 646596

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	43.67
122.00	76.50	73.93
0.00	0.00	0.00

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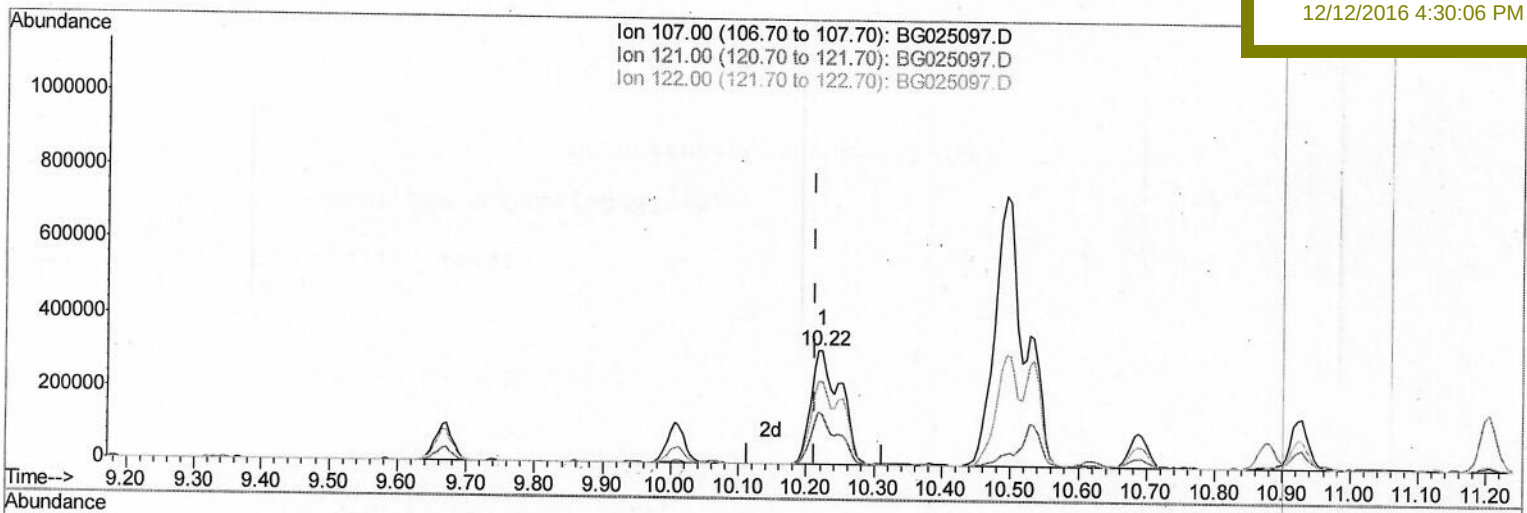

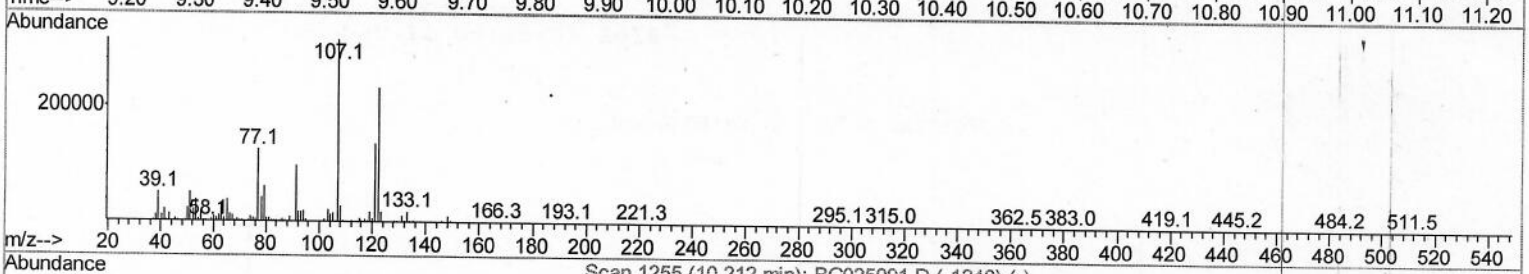

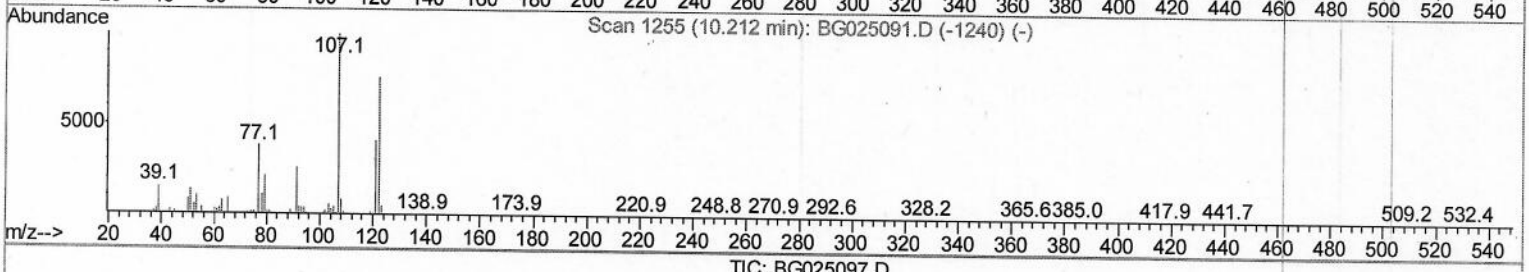

TIC: BG025097.D

(24) 2,4-Dimethylphenol

10.223min (+0.011) 105.94ng/ul m

response 945887

S.J
12/13/16

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	43.67
122.00	76.50	73.93
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

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Data File : BG025097.D
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Operator : UM/SJ
Sample : H5905-19
Misc :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	106955	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	436004	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	344327	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	657349	20.00	ng/ul	0.01
75) Chrysene-d12	21.89	240	825336	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	847846	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	17194	8.30	ng/uL	0.00
5) Phenol-d5	7.39	99	288332	31.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	208859	36.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	210221	32.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	230241	29.86	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	113648	36.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	121674	31.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	226691	30.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	707843	97.30	ng/ul	0.01
43) Dimethylphthalate-d6	14.26	166	719205	30.37	ng/ul	0.01
46) Acenaphthylene-d8	14.57	160	855292	32.97	ng/ul	0.01
51) 4-Nitrophenol-d4	15.08	143	140141	34.43	ng/ul	0.03
57) Fluorene-d10	15.85	176	826230	37.06	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.98	200	136518	33.59	ng/ul	0.01
70) Anthracene-d10	17.70	188	971683	35.02	ng/ul	0.00
76) Pyrene-d10	19.97	212	1114374	32.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1180071	34.35	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.41	94	125028	13.20	ng/ul#	89
11) 2-Methylphenol	8.67	108	299747	42.99	ng/ul	91
16) 4-Methylphenol	9.01	108	743976	95.90	ng/ul	88
24) 2,4-Dimethylphenol	10.22	107	945887m	105.94	ng/ul	
28) Naphthalene	11.12	128	2373611	117.11	ng/ul#	95
34) 2-Methylnaphthalene	12.72	142	4034510	252.25	ng/ul	89
40) 1,1'-Biphenyl	13.70	154	1009630	48.36	ng/ul	99
44) Dimethylphthalate	14.31	163	474775	20.40	ng/ul	99
49) Acenaphthene	14.93	153	261193	15.12	ng/ul#	84
53) Dibenzofuran	15.26	168	633932	23.20	ng/ul	100
58) Fluorene	15.91	166	656173	29.49	ng/ul#	96
69) Phenanthrene	17.65	178	286819	9.14	ng/ul#	95
71) Anthracene	17.74	178	70688	2.19	ng/ul#	92
74) Fluoranthene	19.64	202	43309	1.16	ng/ul#	87
77) Pyrene	20.01	202	49041	1.24	ng/ul#	94

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

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