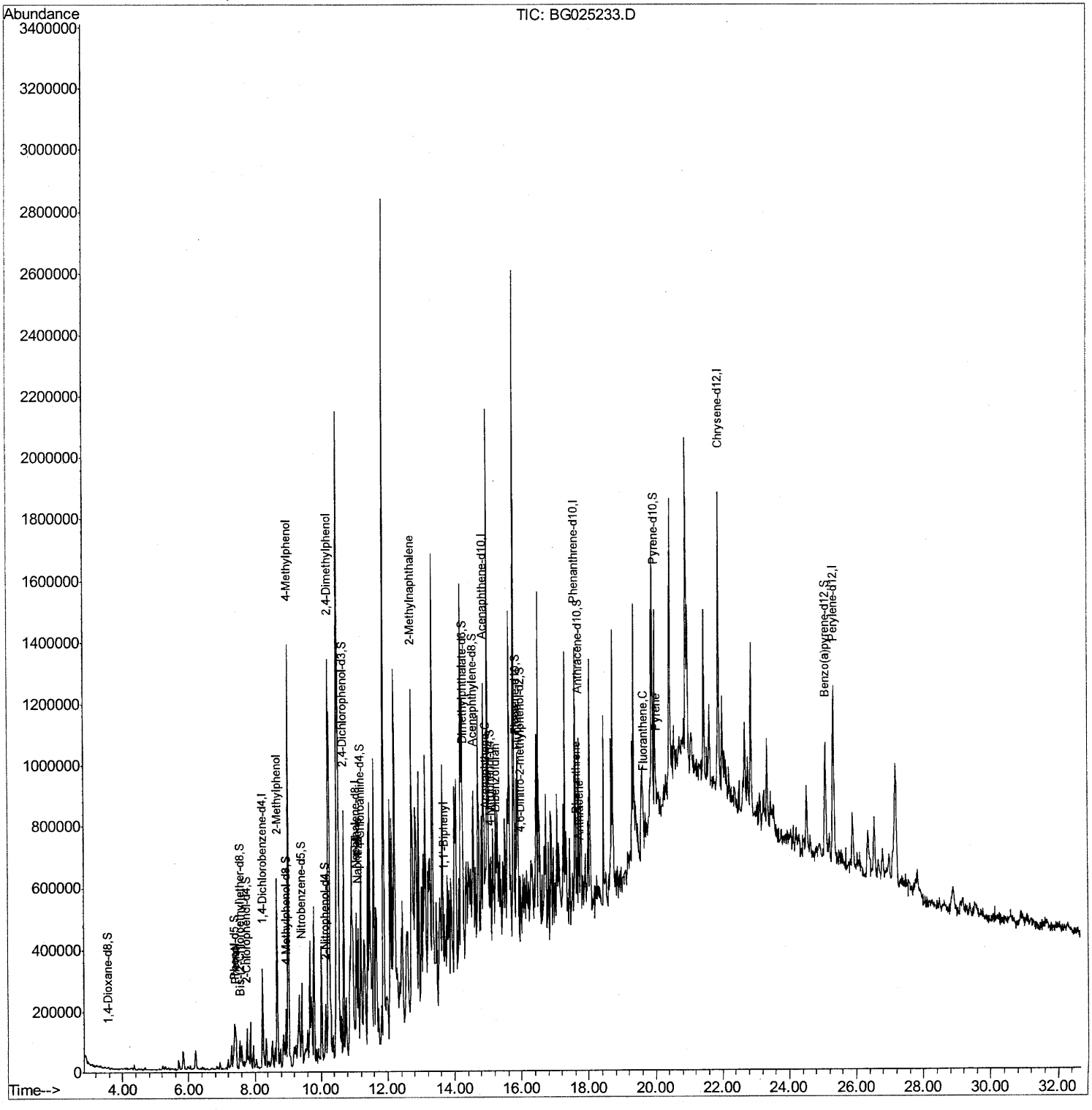
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025233.D
Acq On : 16 Dec 2016 5:07
Operator : UM/SJ
Sample : H5905-01ME
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 16 07:23:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA803ME

Manual Integrations APPROVED
UMANGI
12/16/2016 6:21:24 PM



Quantitation Report (Qedit)

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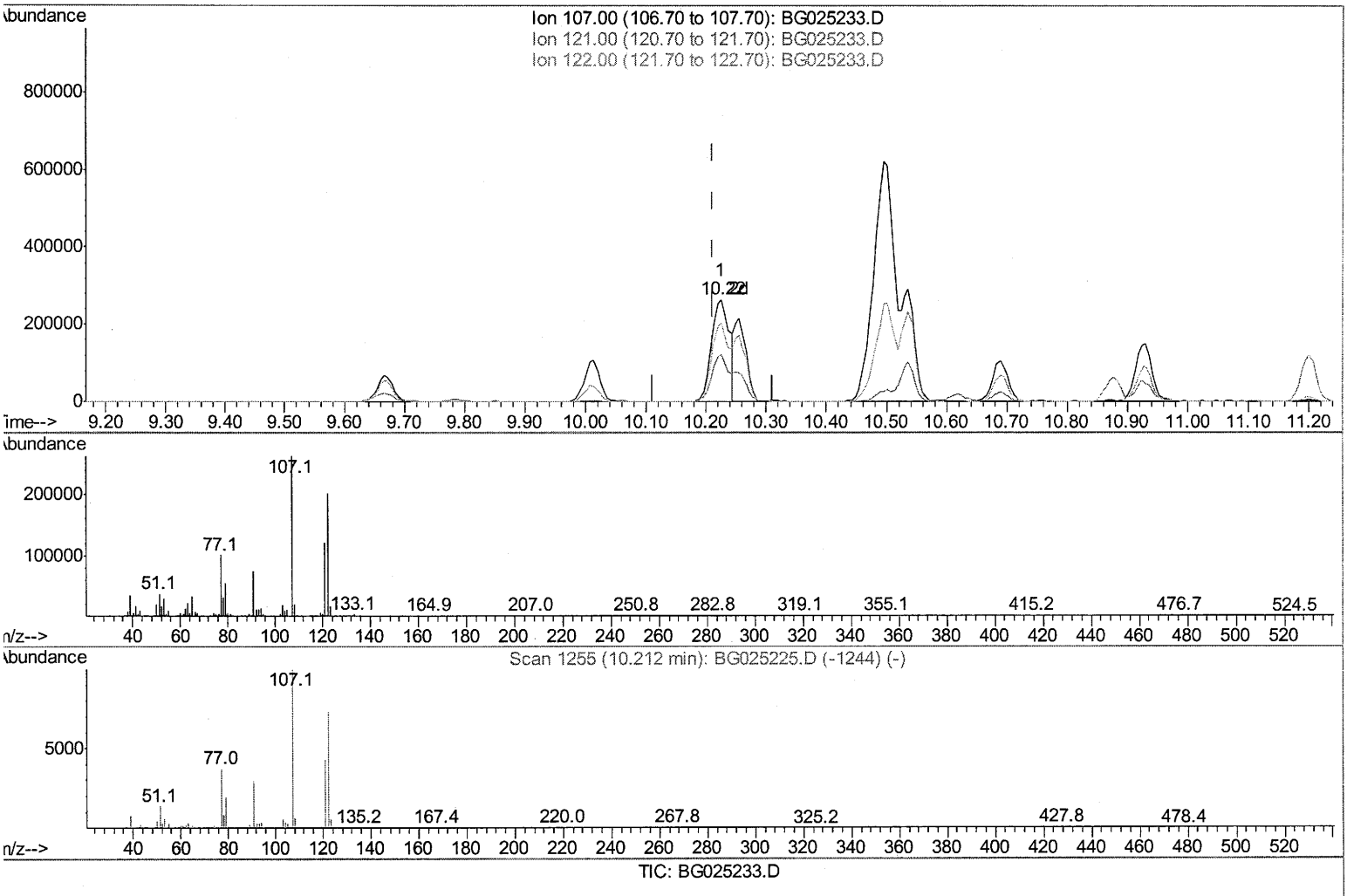
UMANGI
12/16/2016 6:21:24 PM



(24) 2,4-Dimethylphenol

10.225min (+0.013) 74.29ng/ul

response 538958

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	45.79
122.00	76.50	76.95
0.00	0.00	0.00

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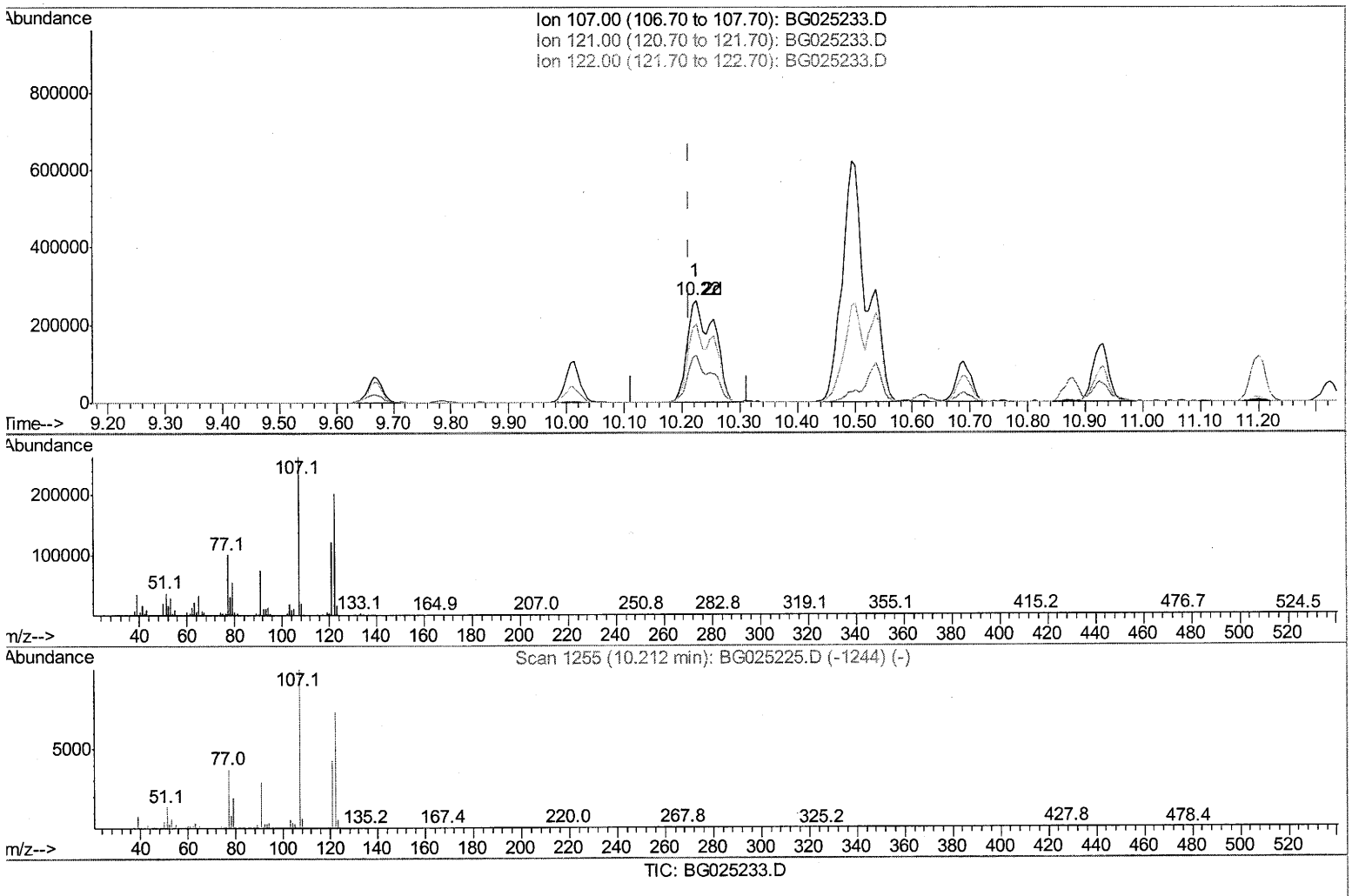
UMANGI
12/16/2016 6:21:24 PM



TIC: BG025233.D

(24) 2,4-Dimethylphenol

10.225min (+0.013) 115.40ng/ul m

response 837241

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	45.79
122.00	76.50	76.95
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

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Manual Integrations APPROVED
UMANGI
12/16/2016 6:21:24 PM

Quant Time: Dec 16 07:23:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	81142	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	354268	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.86	164	275487	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	538771	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	667721	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	684210	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	3026	1.93	ng/uL	-0.01
5) Phenol-d5	7.39	99	80654	11.52	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	50020	11.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	56690	11.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	70226	12.00	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	30241	12.05	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	37522	12.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	74298	12.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	38046	6.44	ng/ul	0.01
43) Dimethylphthalate-d6	14.26	166	225063	11.88	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	269341	12.98	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	33719	10.35	ng/ul	0.04
57) Fluorene-d10	15.85	176	230649	12.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	40429	12.14	ng/ul	0.01
70) Anthracene-d10	17.70	188	306225	13.47	ng/ul	0.00
76) Pyrene-d10	19.98	212	351668	12.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	363126	13.10	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.42	94	56707	7.89	ng/ul	89
11) 2-Methylphenol	8.68	108	190956	36.10	ng/ul	96
16) 4-Methylphenol	9.01	108	488250	82.96	ng/ul	90
24) 2,4-Dimethylphenol	10.22	107	837241m	115.40	ng/ul	
28) Naphthalene	11.12	128	277369	16.84	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	413865	31.85	ng/ul	93
40) 1,1'-Biphenyl	13.69	154	116558	6.98	ng/ul	96
49) Acenaphthene	14.93	153	30575	2.21	ng/ul#	92
53) Dibenzofuran	15.26	168	105632	4.83	ng/ul	99
58) Fluorene	15.91	166	127814	7.18	ng/ul#	97
69) Phenanthrene	17.65	178	119209	4.64	ng/ul	96
71) Anthracene	17.74	178	32177	1.22	ng/ul#	72
74) Fluoranthene	19.64	202	31551	1.03	ng/ul#	97
77) Pyrene	20.01	202	40457	1.26	ng/ul#	94

UM 12/16/16

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