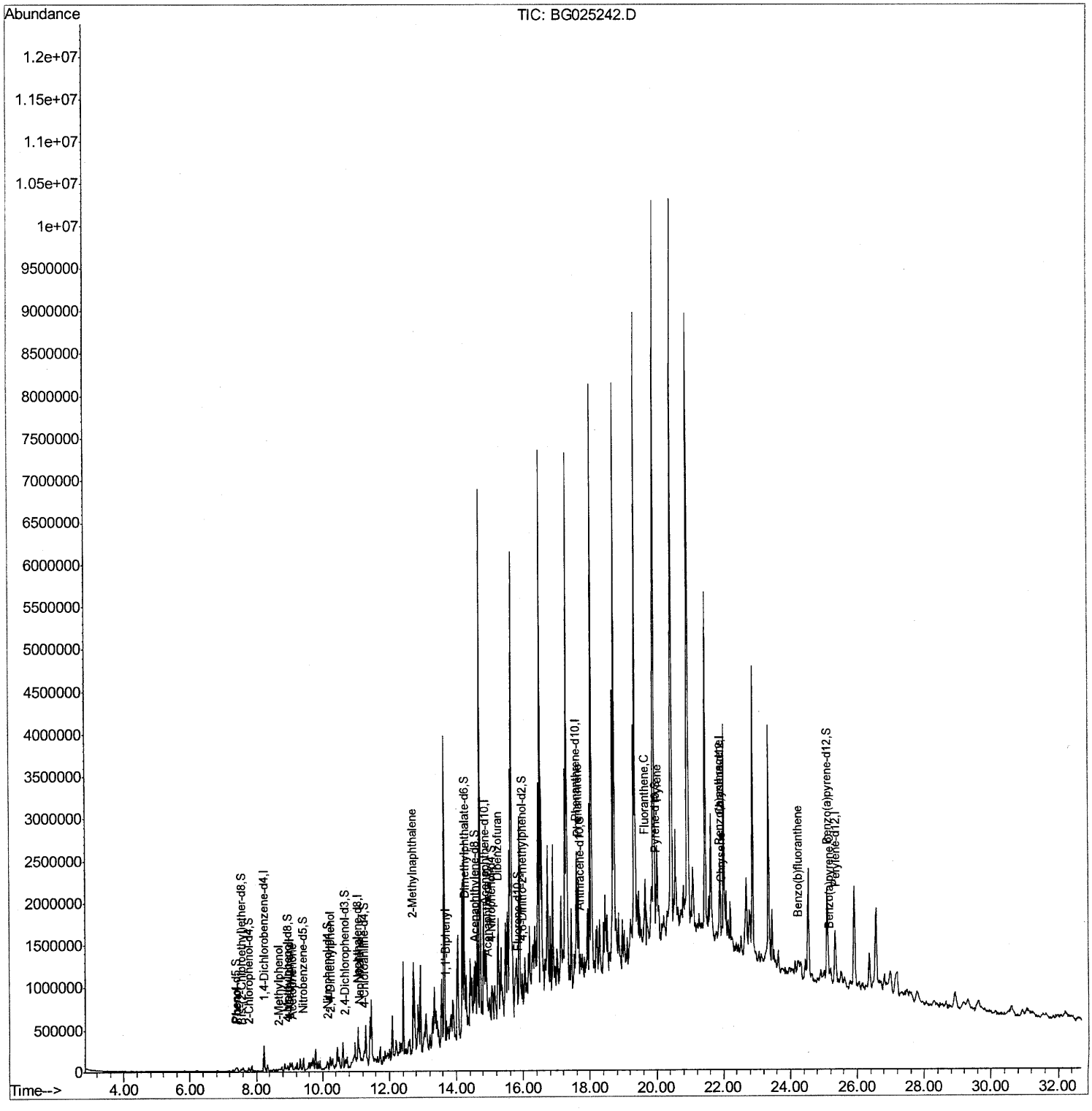
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121516\
Data File : BG025242.D
Acq On : 16 Dec 2016 10:59
Operator : UM/SJ
Sample : H5995-09 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 16 16:10:36 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 :
DA874

Manual Integrations APPROVED
UMANGI
12/16/2016 6:21:53 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121516\
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Acq On : 16 Dec 2016 10:59
Operator : UM/SJ
Sample : H5995-09 5X
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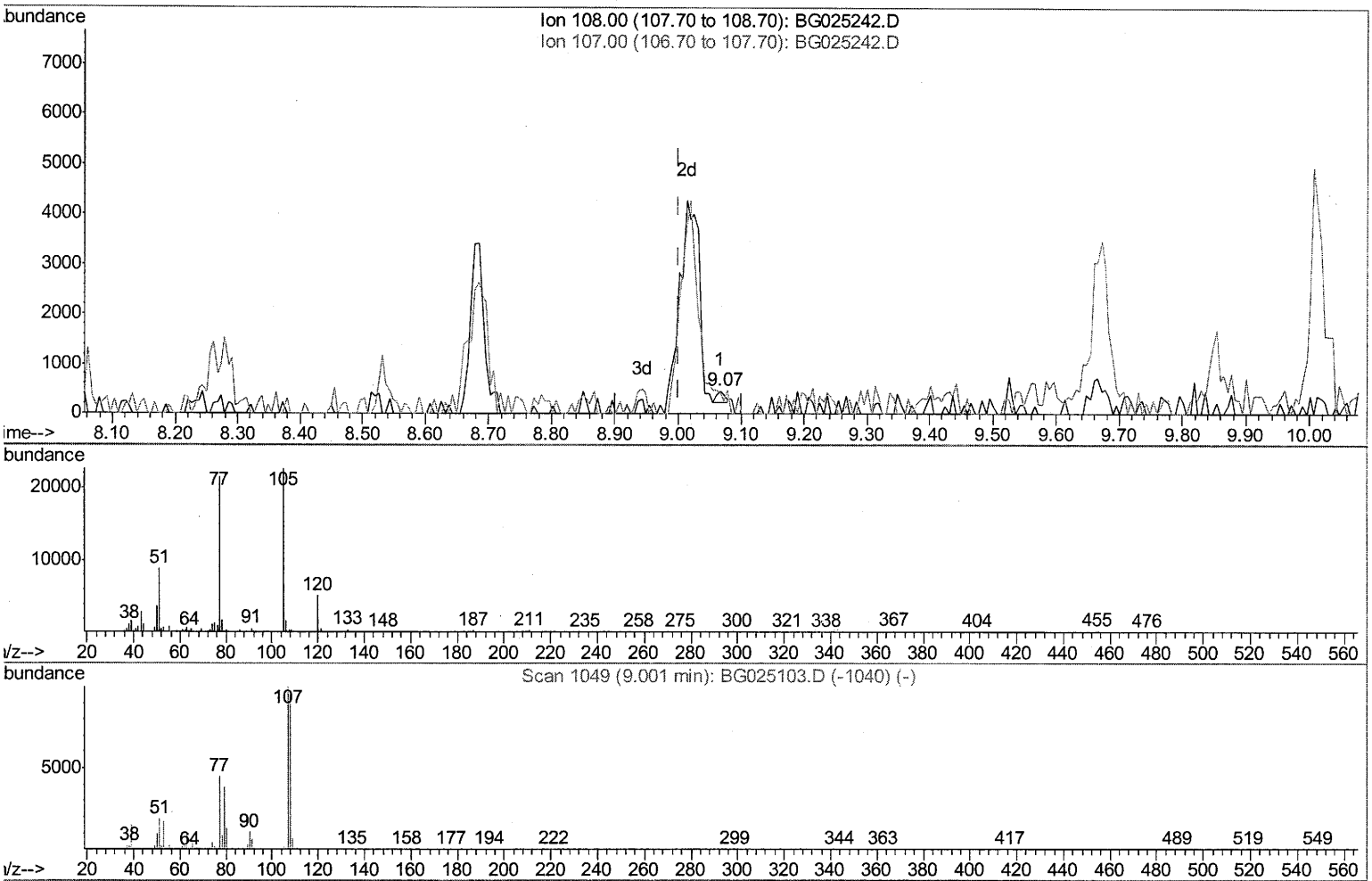

TIC: BG025242.D

(16) 4-Methylphenol

9.066min (+0.065) 0.04ng/ul

response 226

Ion	Exp%	Act%
108.00	100	100
107.00	114.60	91.77
0.00	0.00	0.00
0.00	0.00	0.00

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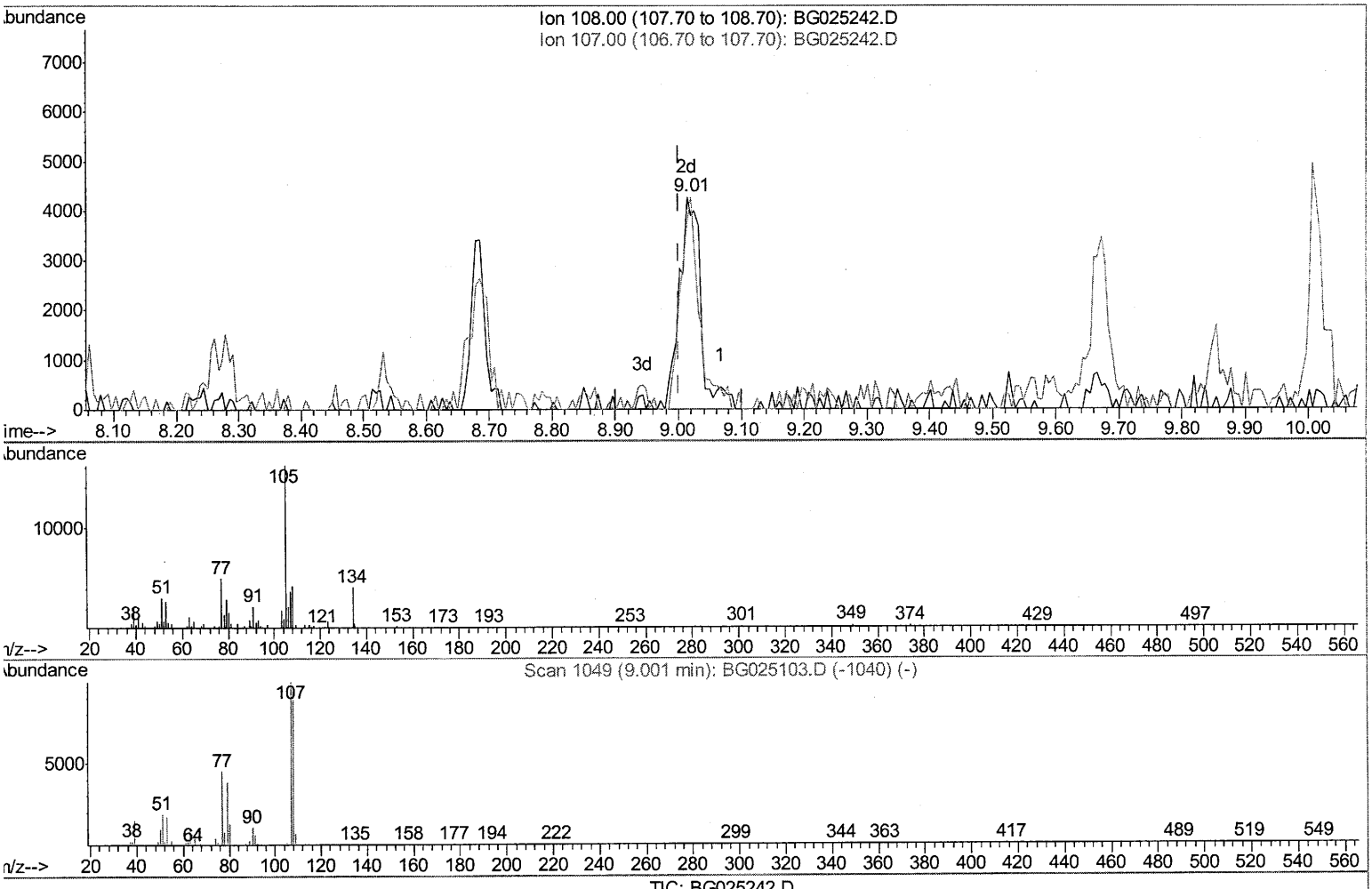

TIC: BG025242.D

(16) 4-Methylphenol

9.014min (+0.012) 1.82ng/ul m

response 10042

12/16/16

Ion	Exp%	Act%
108.00	100	100
107.00	114.60	88.35#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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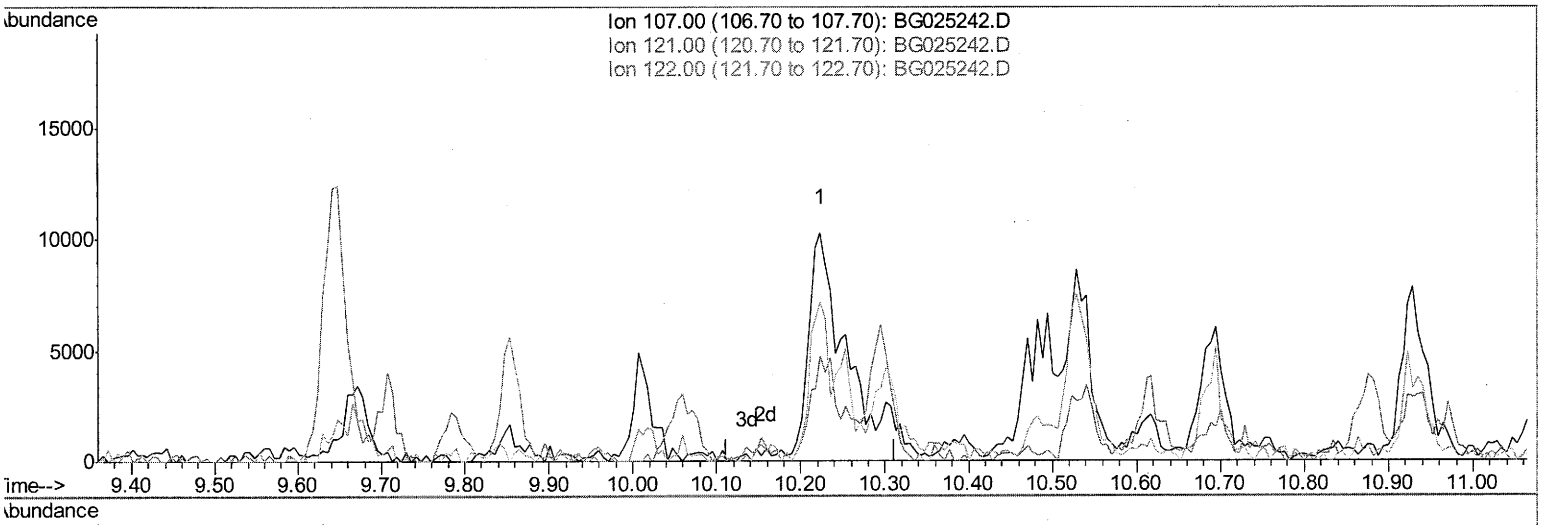
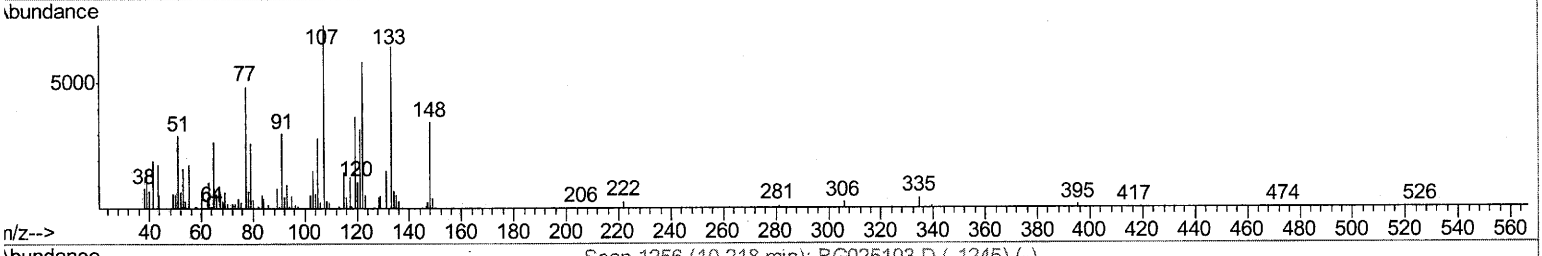
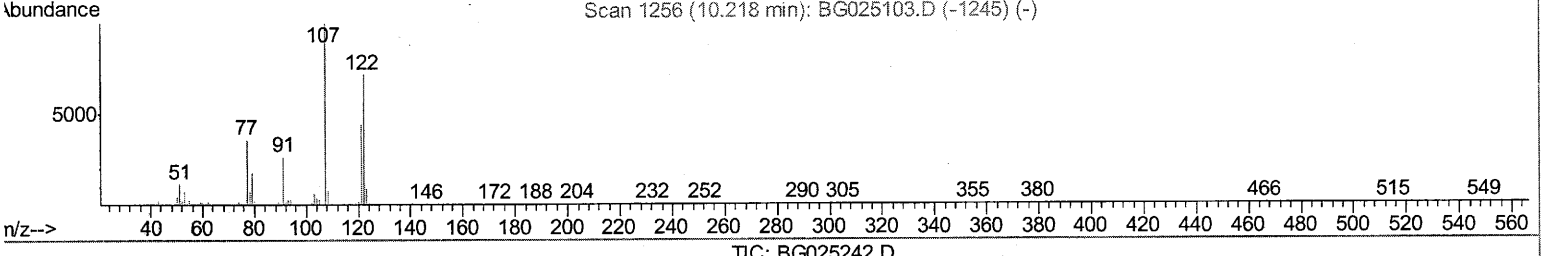
Instrument :
BNA_G
ClientSampleId :
DA874

Manual Integrations APPROVED
UMANGI
12/16/2016 6:21:53 PM







TIC: BG025242.D

(24) 2,4-Dimethylphenol

10.212min (-10.212) 0.00ng/ul d

response 0

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

Quantitation Report (Qedit)

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BNA_G
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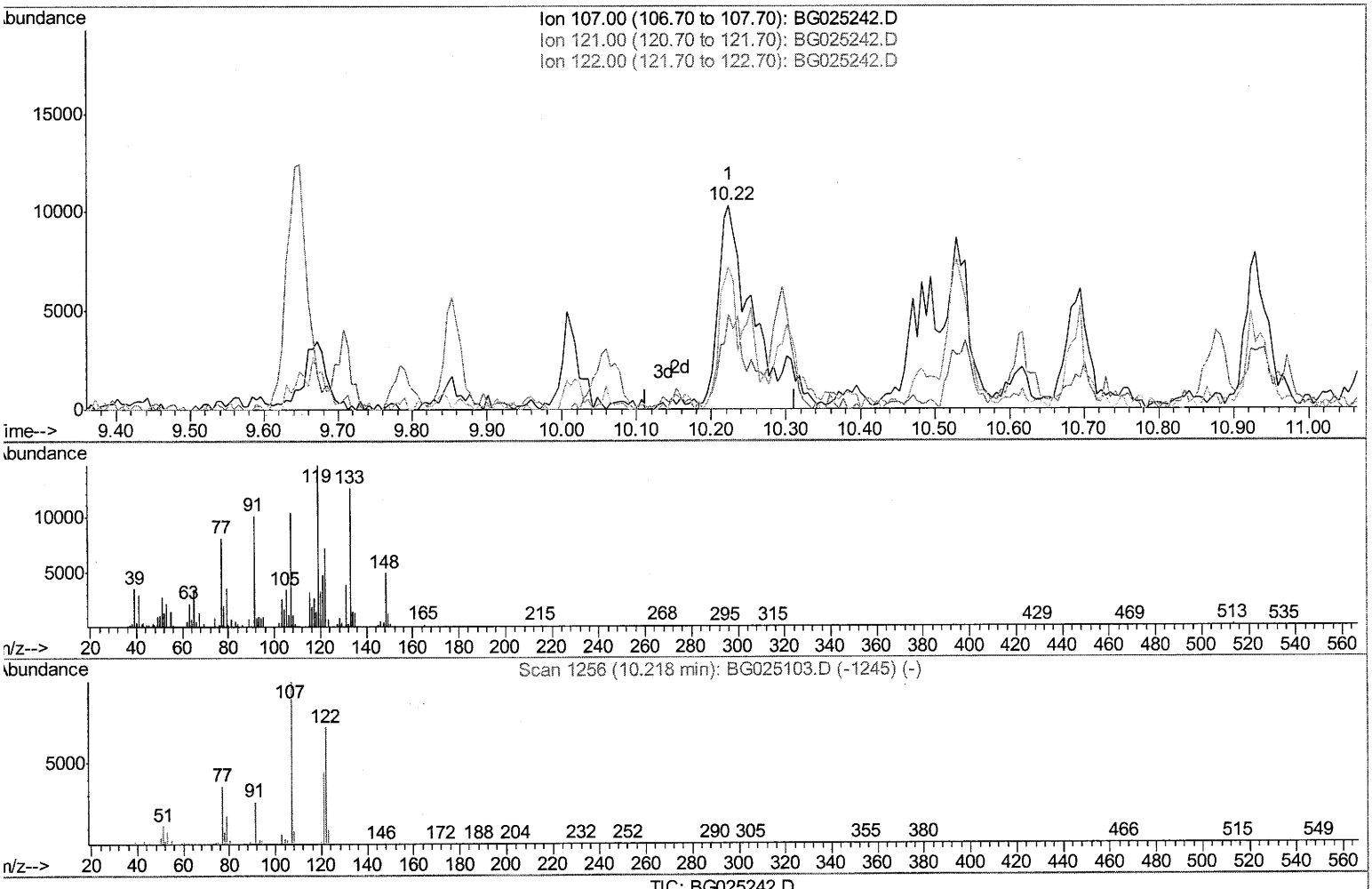
Manual Integrations APPROVED
UMANGI
12/16/2016 6:21:53 PM



(24) 2,4-Dimethylphenol

10.224min (+0.012) 5.18ng/ul m

response 34120

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	46.19
122.00	76.50	69.59
0.00	0.00	0.00

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Sample : H5995-09 5X
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	76010	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	321338	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	242120	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	485581	20.00	ng/ul	0.01
75) Chrysene-d12	21.90	240	589044	20.00	ng/ul	0.01
83) Perylene-d12	25.34	264	564392	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	619	0.42	ng/uL	0.00
5) Phenol-d5	7.40	99	21836	3.33	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.55	67	14962	3.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	16100	3.51	ng/ul	0.01
13) 4-Methylphenol-d8	8.94	113	19465	3.55	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	9336	4.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	9806	3.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	19810	3.63	ng/ul	0.02
29) 4-Chloroaniline-d4	11.24	131	76818	14.33	ng/ul	0.04
43) Dimethylphthalate-d6	14.25	166	66656	4.00	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	72626	3.98	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	6329	2.21	ng/ul	0.00
57) Fluorene-d10	15.85	176	54813	3.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	9442	3.14	ng/ul	0.02
70) Anthracene-d10	17.71	188	93998	4.59	ng/ul	0.01
76) Pyrene-d10	19.98	212	101121	4.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	96125	4.20	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.42	94	10821	1.61	ng/ul	94
11) 2-Methylphenol	8.68	108	5262	1.06	ng/ul	81
14) Acetophenone	9.08	105	50657	6.07	ng/ul	94
16) 4-Methylphenol	9.01	108	10042m	1.82	ng/ul	
24) 2,4-Dimethylphenol	10.22	107	34120m	5.18	ng/ul	
28) Naphthalene	11.11	128	101866	6.82	ng/ul	95
34) 2-Methylnaphthalene	12.70	142	477736	40.53	ng/ul	95
40) 1,1'-Biphenyl	13.69	154	101654	6.93	ng/ul	99
49) Acenaphthene	14.93	153	35752	2.94	ng/ul#	66
53) Dibenzofuran	15.26	168	361780	18.83	ng/ul	97
69) Phenanthrene	17.65	178	731608	31.57	ng/ul	98
74) Fluoranthene	19.65	202	460806	16.73	ng/ul	98
77) Pyrene	20.01	202	409816	14.47	ng/ul	97
80) Benzo(a)anthracene	21.88	228	120176	3.93	ng/ul#	71
82) Chrysene	21.95	228	131908	4.61	ng/ul#	91
85) Benzo(b)fluoranthene	24.24	252	121897	4.36	ng/ul#	89
88) Benzo(a)pyrene	25.18	252	49827	1.85	ng/ul#	64

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