Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

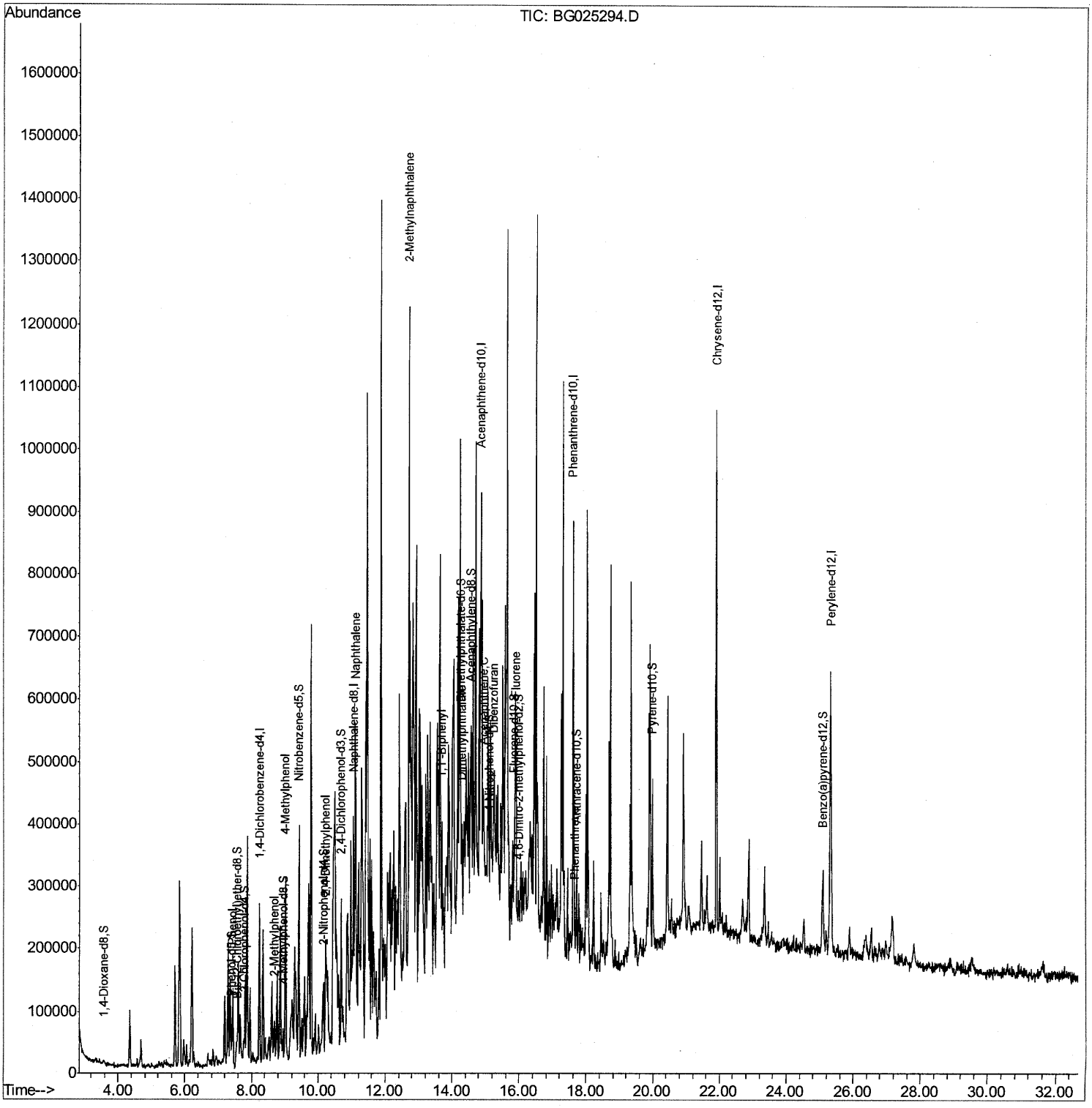
Quant Time: Dec 18 06:22:49 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA830DL

Manual Integrations APPROVED

umangi

12/20/2016 10:55:22 AM



Quantitation Report (Qedit)

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Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
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Quant Time: Dec 18 06:09:07 2016
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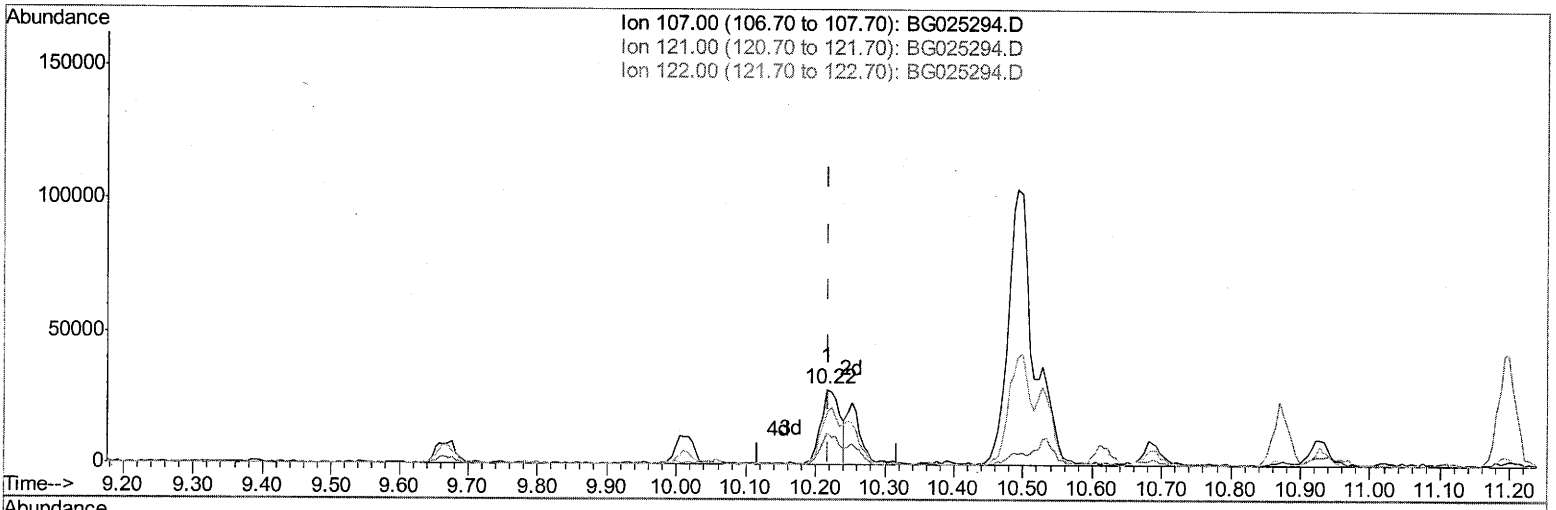

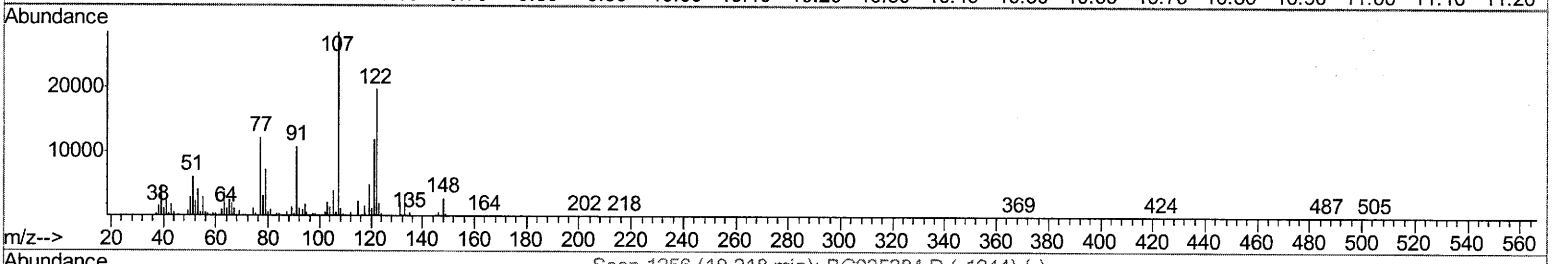

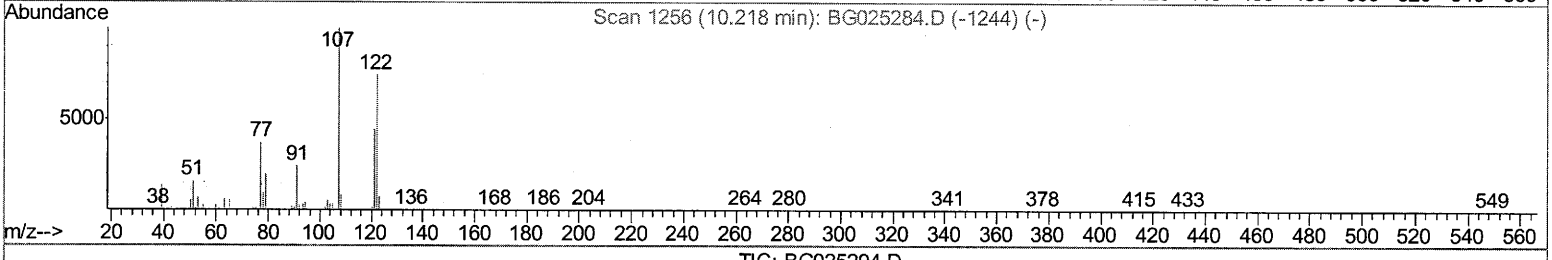

TIC: BG025294.D

(24) 2,4-Dimethylphenol

10.217min (-0.001) 10.15ng/ul

response 55102

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	41.81
122.00	76.50	69.16
0.00	0.00	0.00

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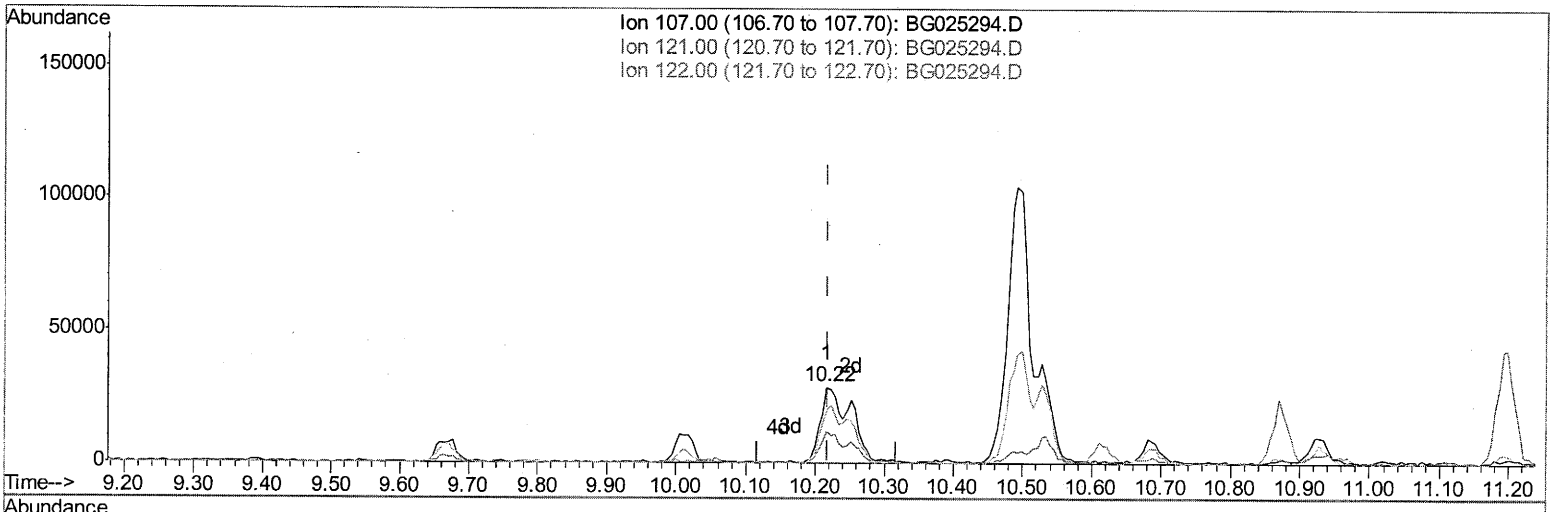

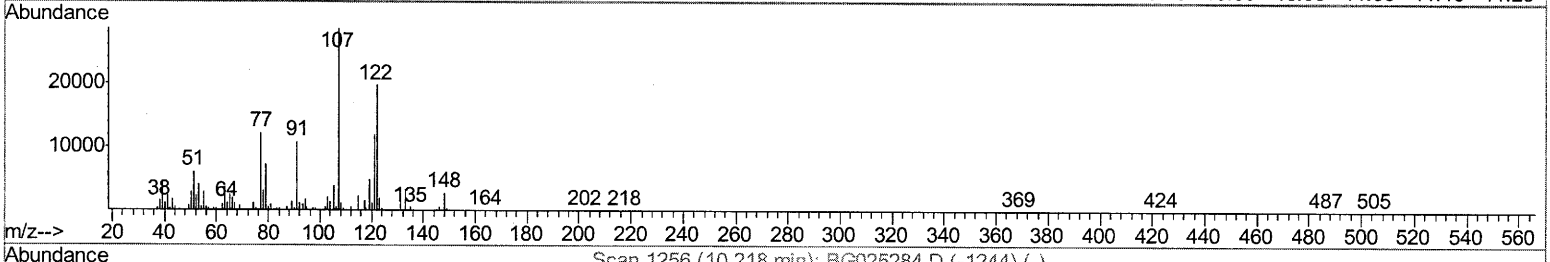

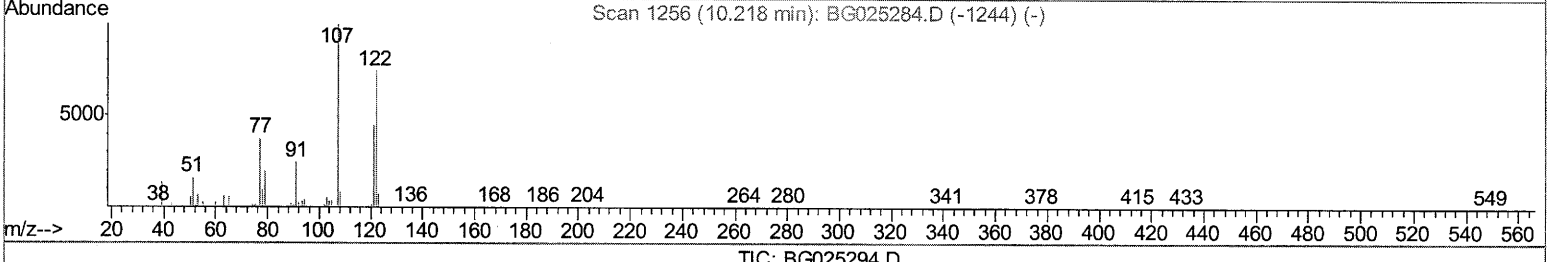

TIC: BG025294.D

(24) 2,4-Dimethylphenol

10.217min (-0.001) 16.24ng/ul m

response 88120

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	41.81
122.00	76.50	69.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
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Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

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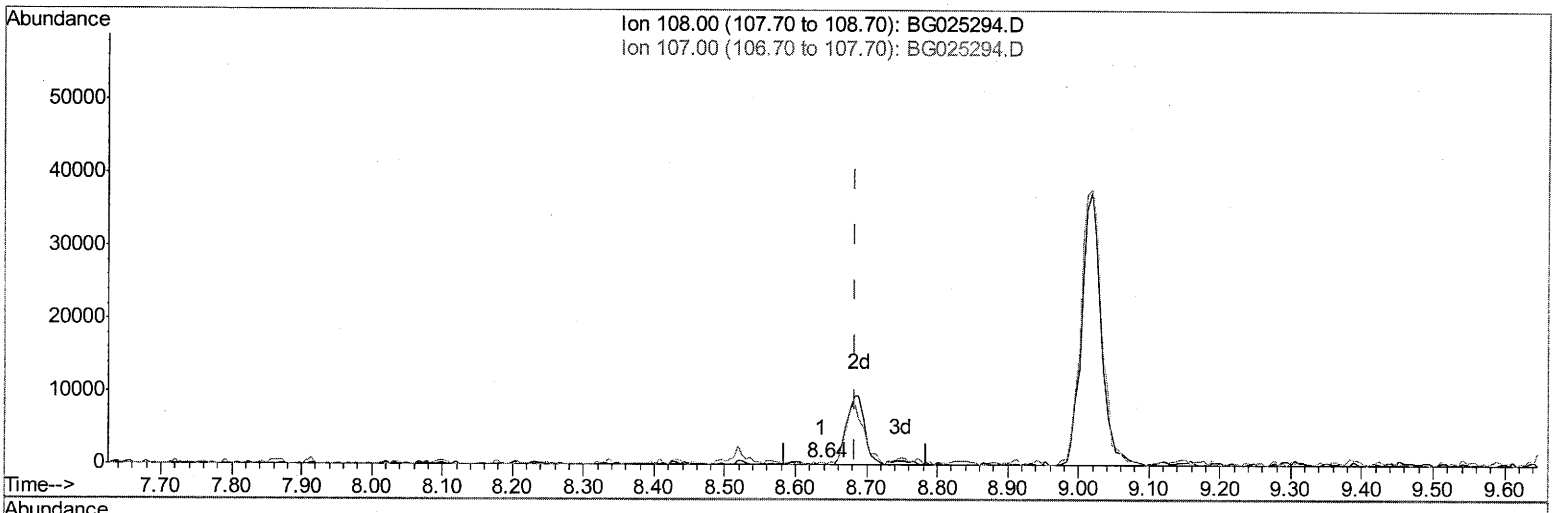
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration

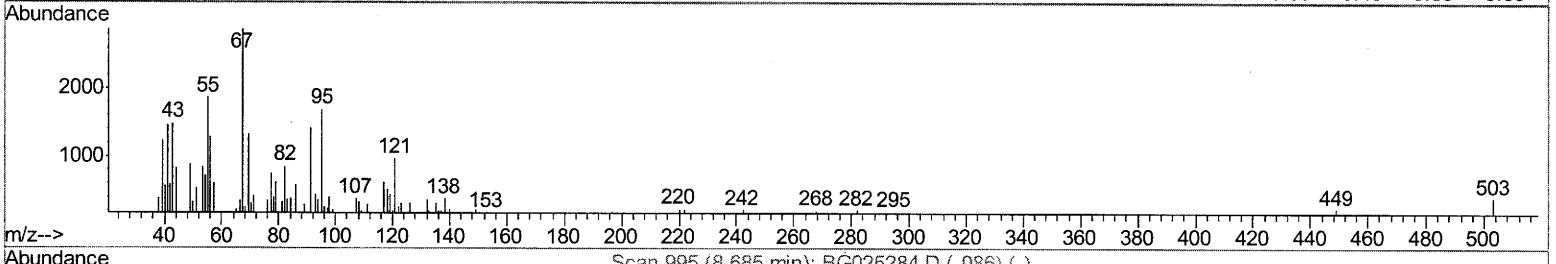
Instrument :
BNA_G
ClientSampleId :
DA830DL

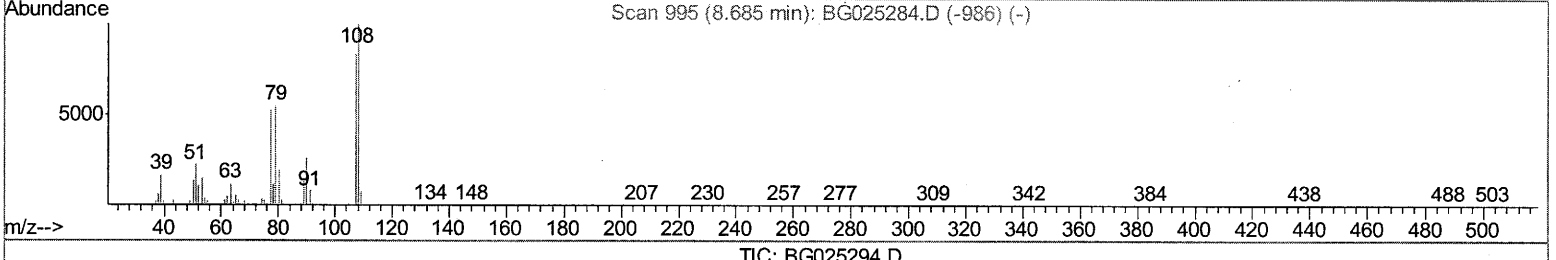
Manual Integrations APPROVED

umangi

12/20/2016 10:55:22 AM







TIC: BG025294.D

(11) 2-Methylphenol

8.636min (-0.048) 0.06ng/ul

response 258

Ion	Exp%	Act%
108.00	100	100
107.00	95.90	114.07
0.00	0.00	0.00
0.00	0.00	0.00

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BNA_G
ClientSampleId :
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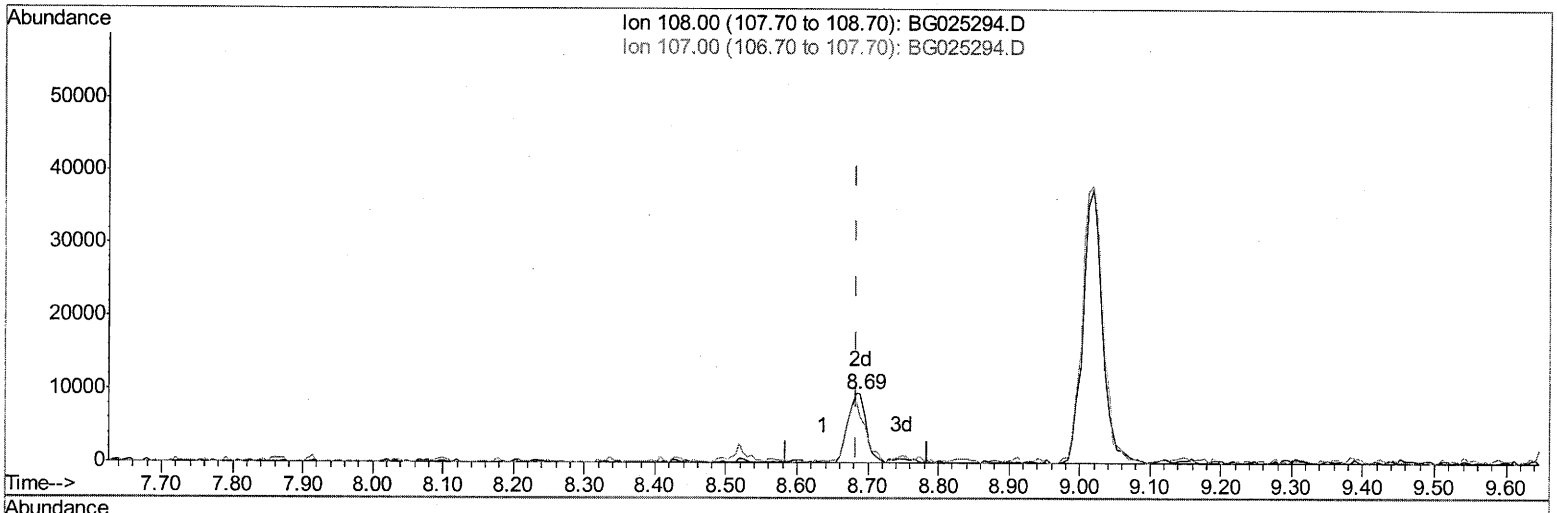
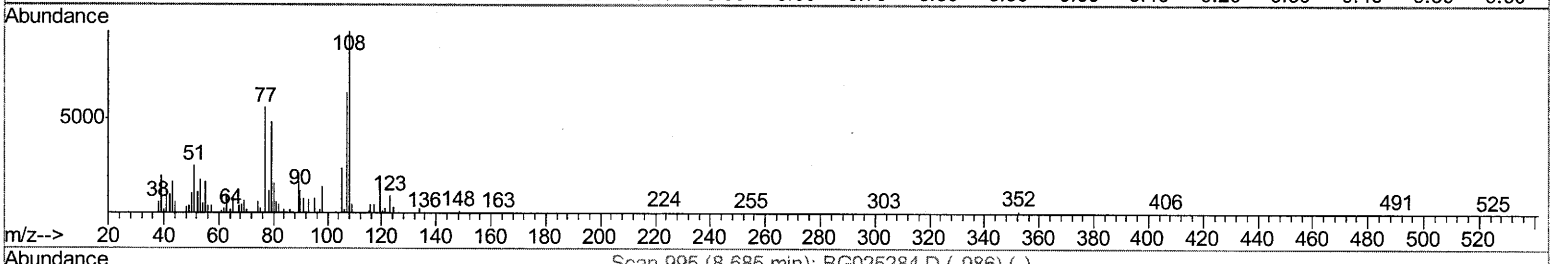
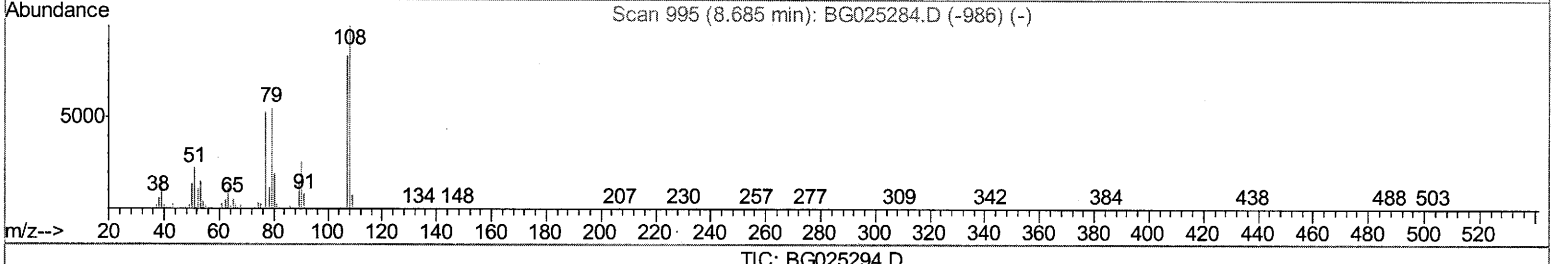
Manual Integrations APPROVED

umangi

12/20/2016 10:55:22 AM







TIC: BG025294.D

(11) 2-Methylphenol

8.689min (+0.005) 3.78ng/ul m

response 16884

Ion	Exp%	Act%
108.00	100	100
107.00	95.90	66.73#
0.00	0.00	0.00
0.00	0.00	0.00

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12/19/16

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED

umangi

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	68559	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	264988	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	200380	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	441923	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	579802	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	568829	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	2995	2.26	ng/uL	-0.02
5) Phenol-d5	7.40	99	21679	3.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	18689	5.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	17201	4.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	21065	4.26	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	10708	5.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	10519	4.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	19448	4.32	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.25	166	66469	4.82	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	78474	5.20	ng/ul	0.00
51) 4-Nitrophenol-d4	15.11	143	9177	3.87	ng/ul	0.02
57) Fluorene-d10	15.85	176	76300	5.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	6379	2.33	ng/ul	0.01
70) Anthracene-d10	17.70	188	98372	5.27	ng/ul	0.00
76) Pyrene-d10	19.97	212	121674	5.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	116496	5.05	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.43	94	10783	1.78	ng/ul#	65
11) 2-Methylphenol	8.69	108	16884m	3.78	ng/ul	
16) 4-Methylphenol	9.02	108	73026	14.69	ng/ul	87
24) 2,4-Dimethylphenol	10.22	107	88120m	16.24	ng/ul	
28) Naphthalene	11.11	128	351884	28.57	ng/ul#	96
34) 2-Methylnaphthalene	12.70	142	487087	50.11	ng/ul	93
40) 1,1'-Biphenyl	13.69	154	114411	9.42	ng/ul	98
44) Dimethylphthalate	14.29	163	50625	3.74	ng/ul#	95
49) Acenaphthene	14.92	153	24758	2.46	ng/ul#	89
53) Dibenzofuran	15.25	168	68659	4.32	ng/ul	90
58) Fluorene	15.90	166	77675	6.00	ng/ul	98
69) Phenanthrene	17.64	178	44307	2.10	ng/ul#	91

S UM 12/19/16

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