Quantitation Report (QT Reviewed)

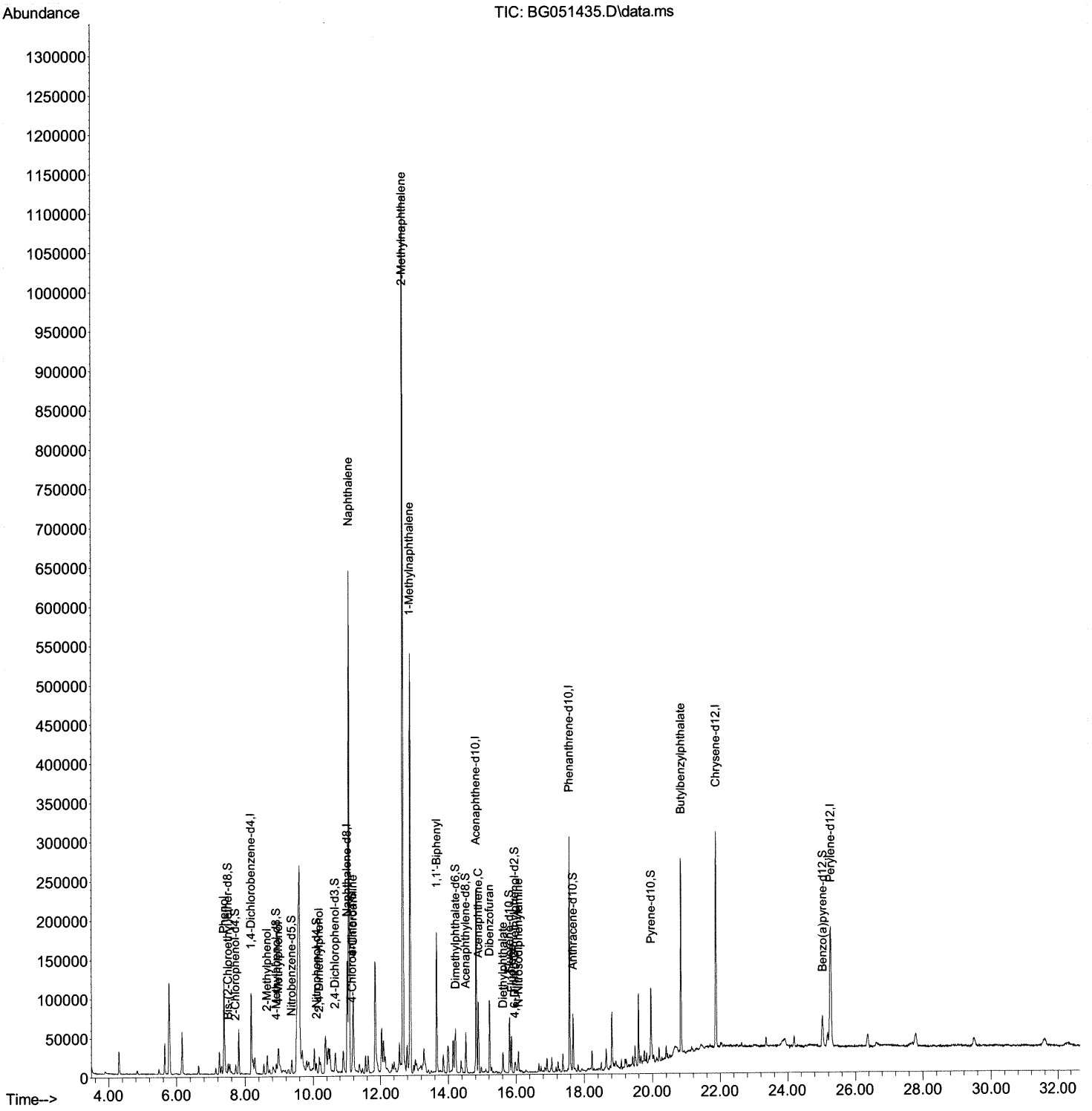
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051435.D
Acq On : 9 Dec 2021 16:02
Operator : CG/JU
Sample : M4870-08DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 09 22:26:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 03:21:41 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGKP5DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



Quantitation Report (Qedit)

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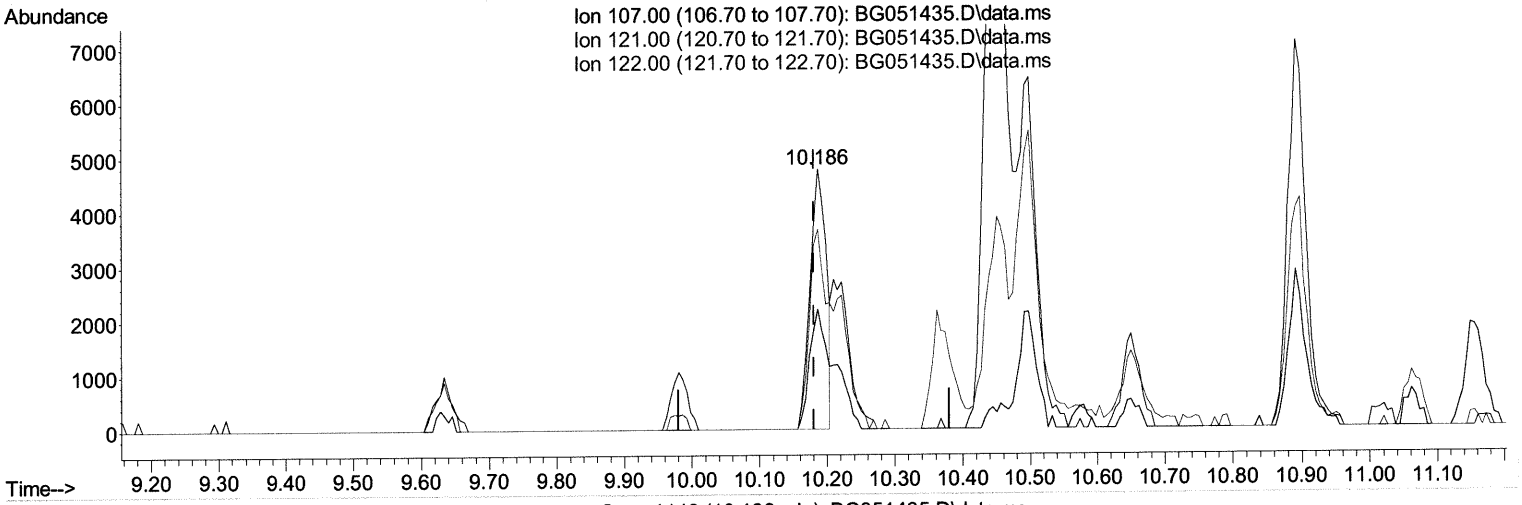

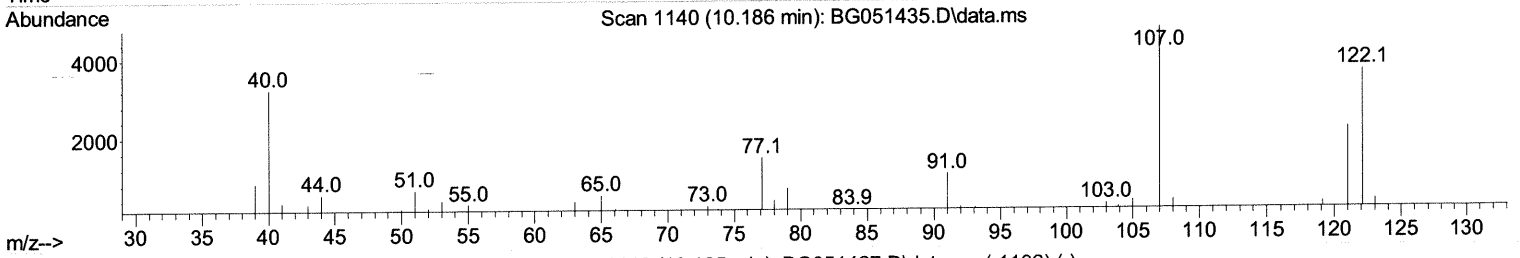

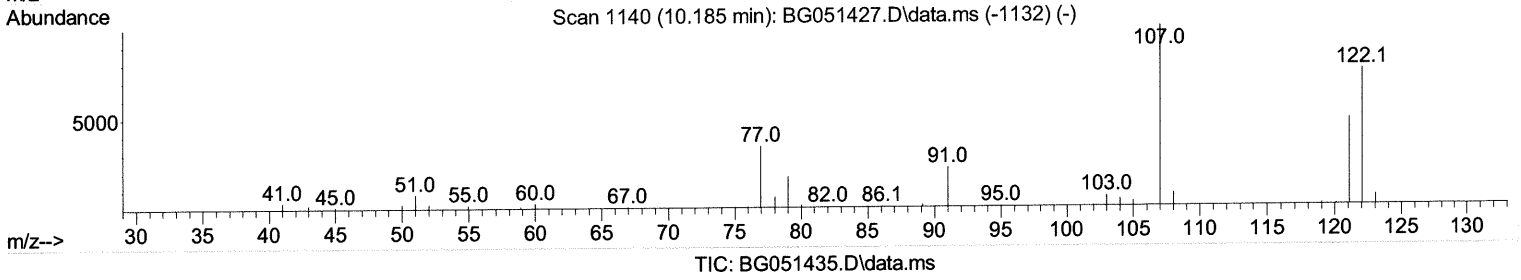

TIC: BG051435.D\data.ms

(26) 2,4-Dimethylphenol

10.186min (+ 0.005) 3.12 ng/ul

response 7965

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	49.10	46.04
122.00	79.60	76.70
0.00	0.00	0.00

Quantitation Report (Qedit)

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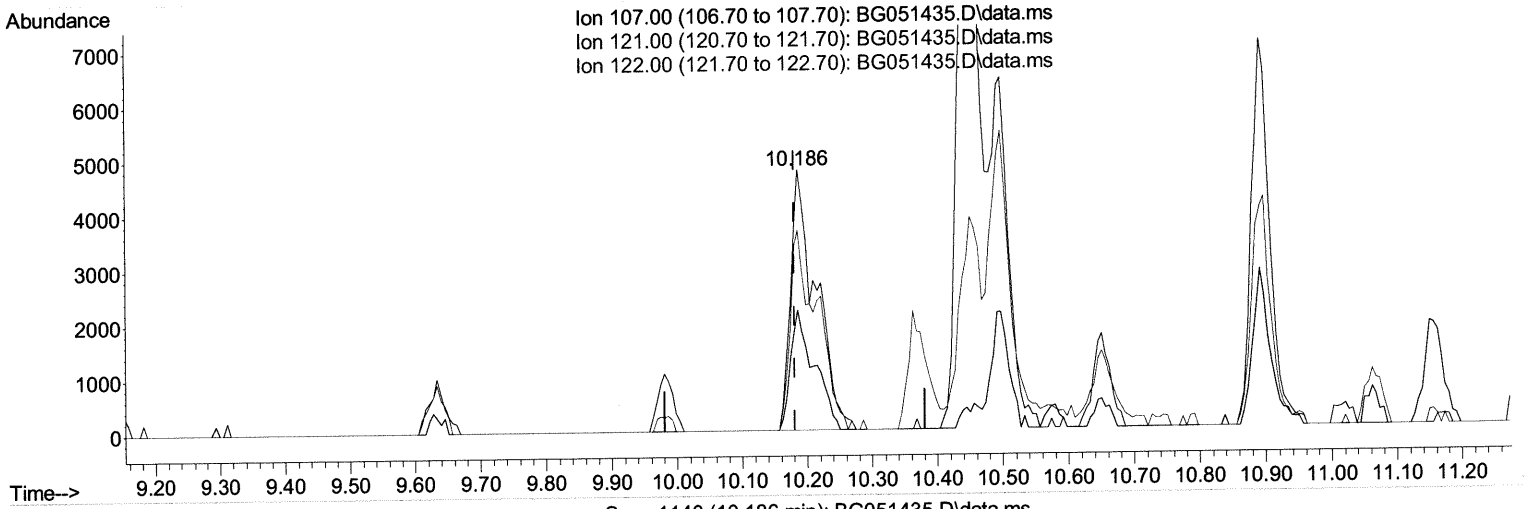

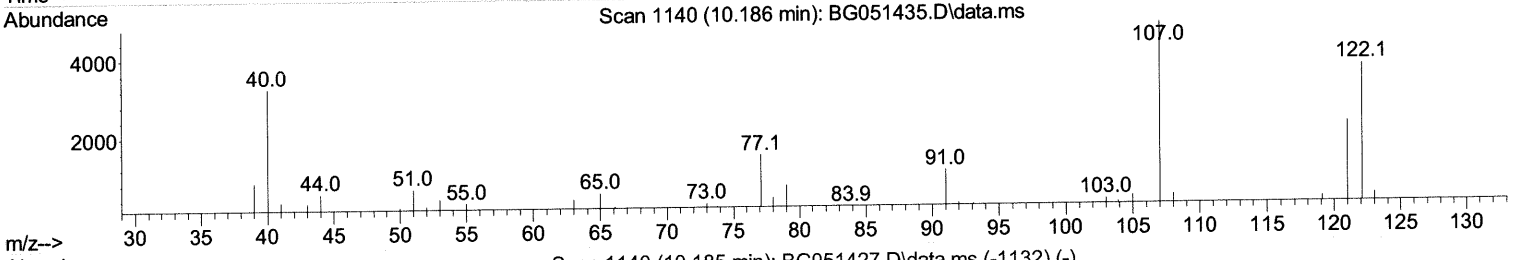

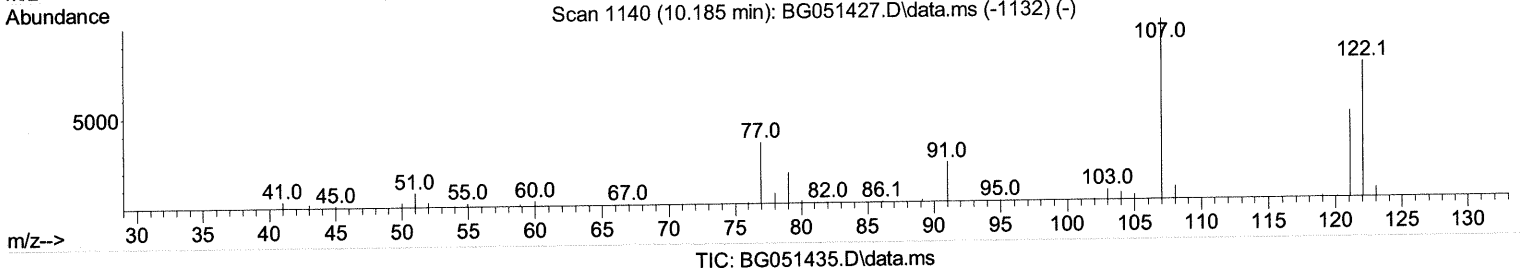

TIC: BG051435.D\data.ms

(26) 2,4-Dimethylphenol

10.186min (+ 0.005) 5.02 ng/ul m 12/11/21 JU

response 12815

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	49.10	46.04
122.00	79.60	76.70
0.00	0.00	0.00

Quantitation Report (Qedit)

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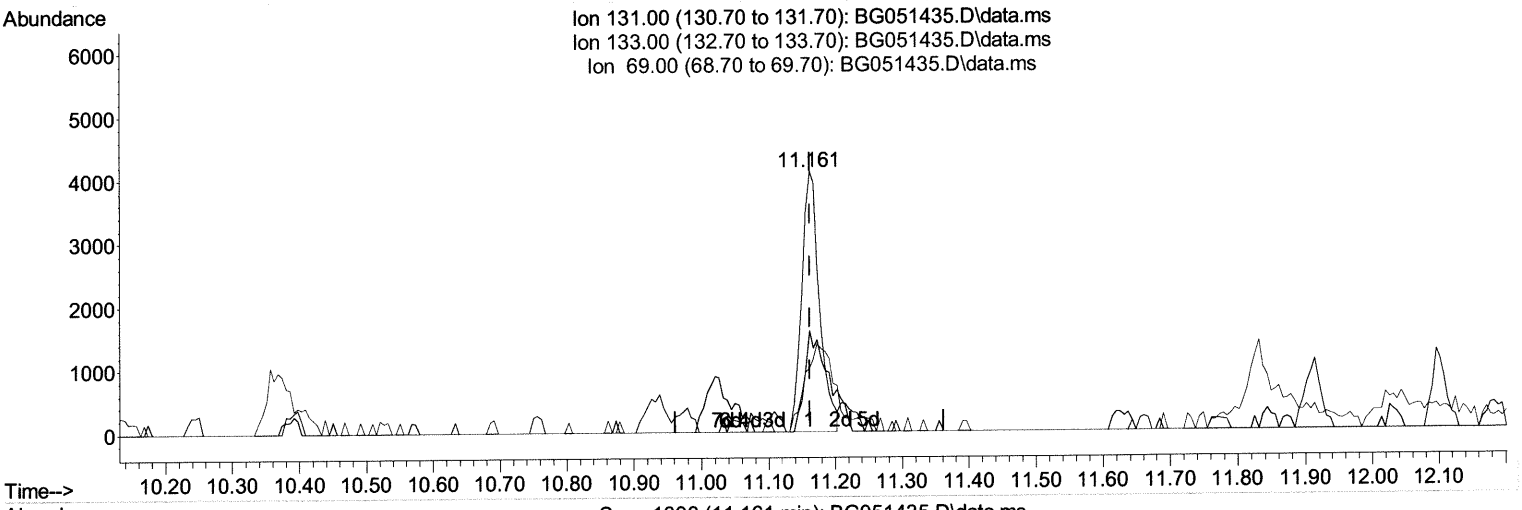

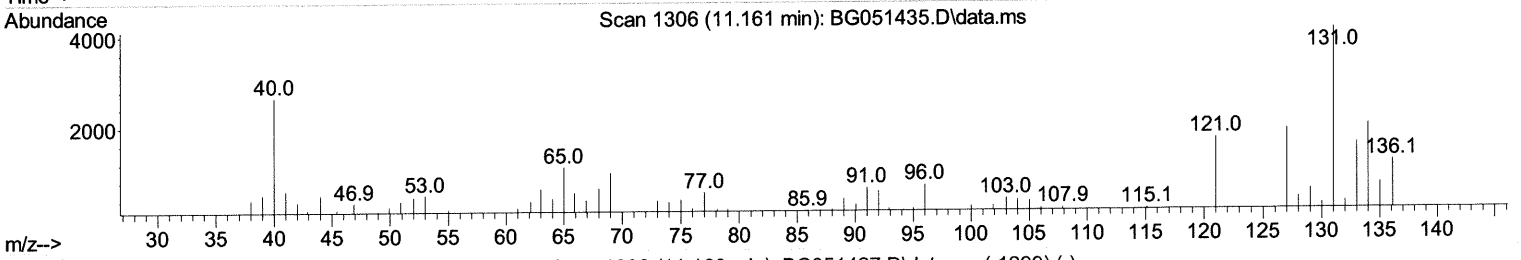

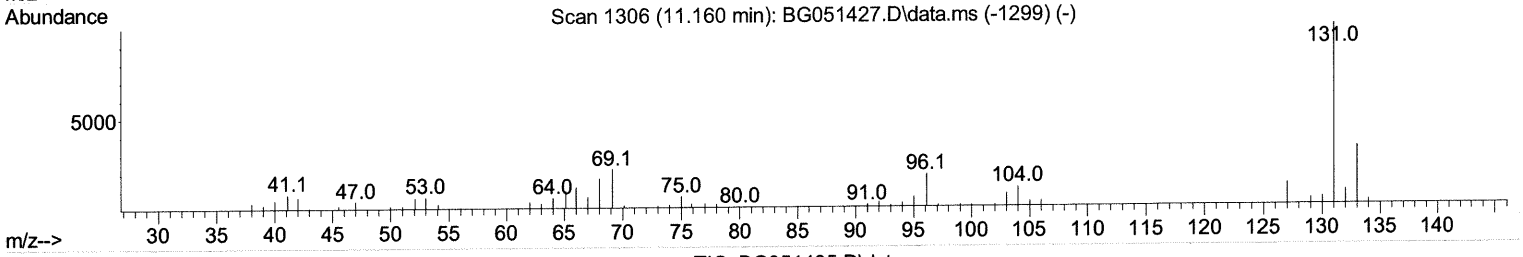

TIC: BG051435.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.161min (-0.000) 2.68 ng/ul

response 7668

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.20	38.74
69.00	21.30	24.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051435.D
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Operator : CG/JU
Sample : M4870-08DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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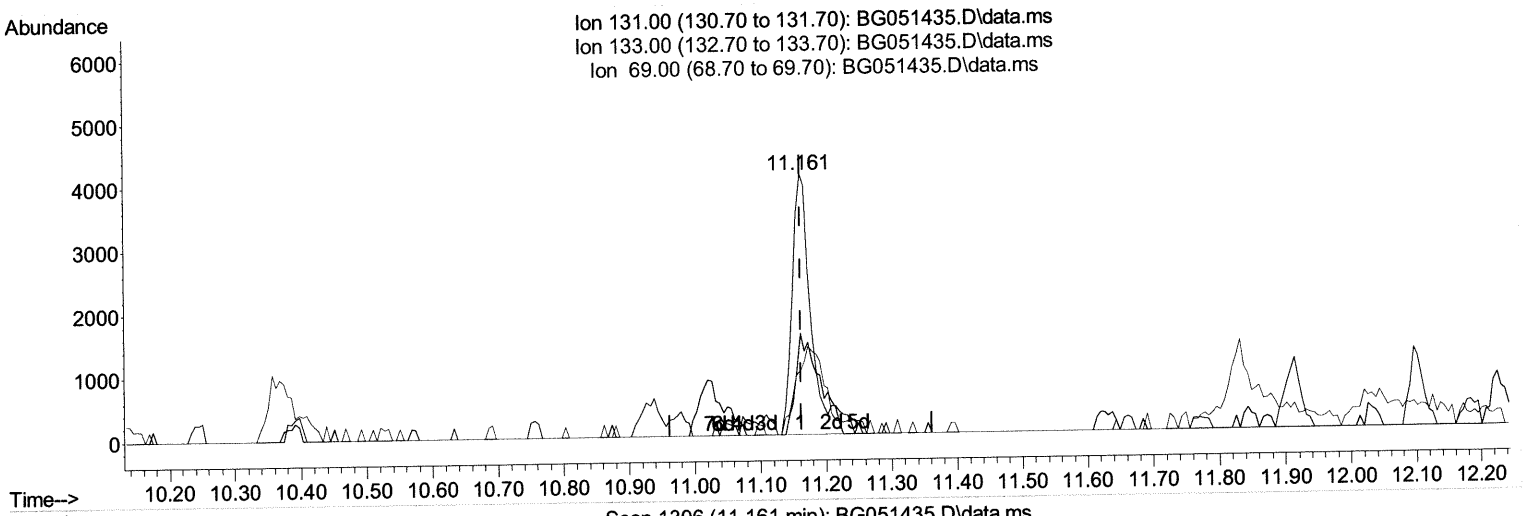
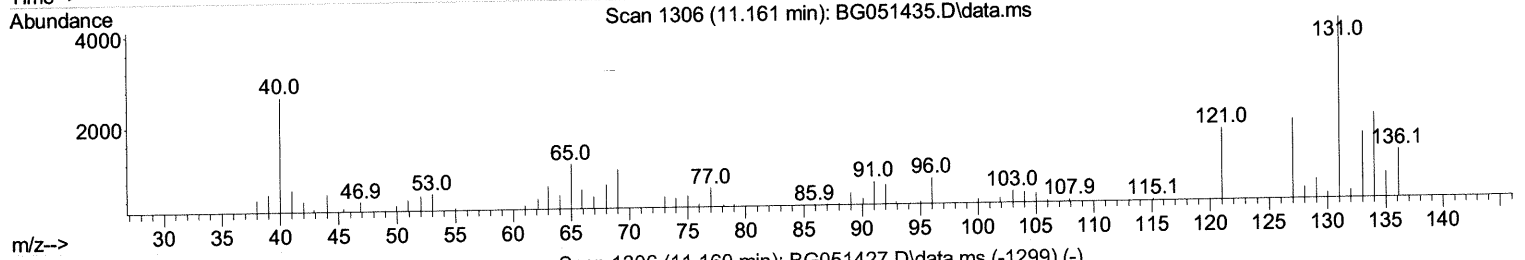
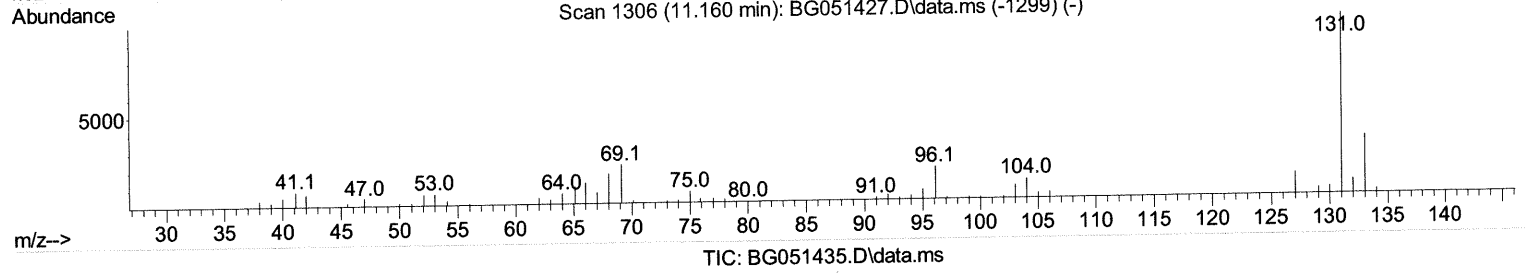
Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021







TIC: BG051435.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.161min (-0.000) 2.93 ng/ul m 12/16/21 JU

response 8380

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.20	38.74
69.00	21.30	24.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051435.D
Acq On : 9 Dec 2021 16:02
Operator : CG/JU
Sample : M4870-08DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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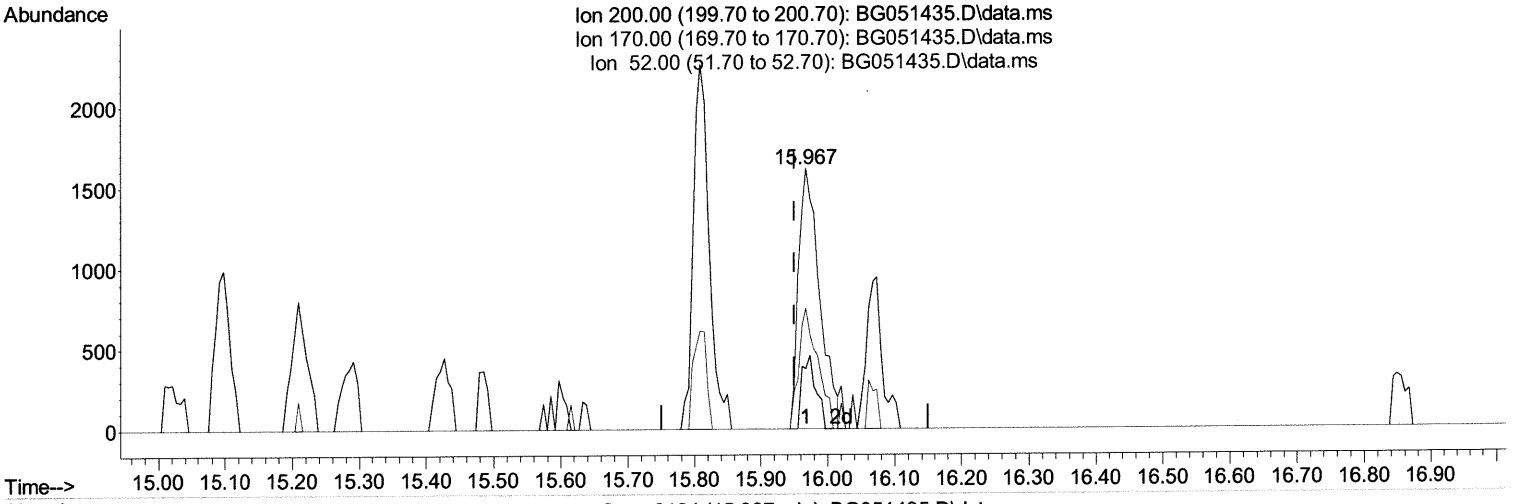

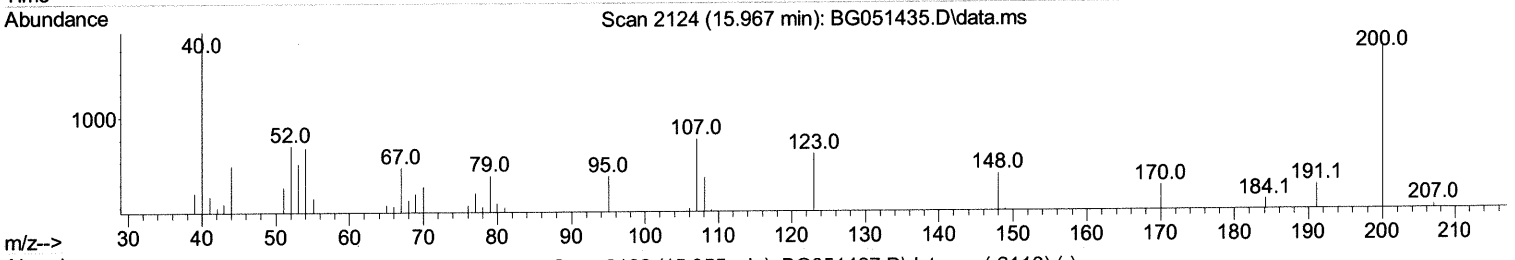

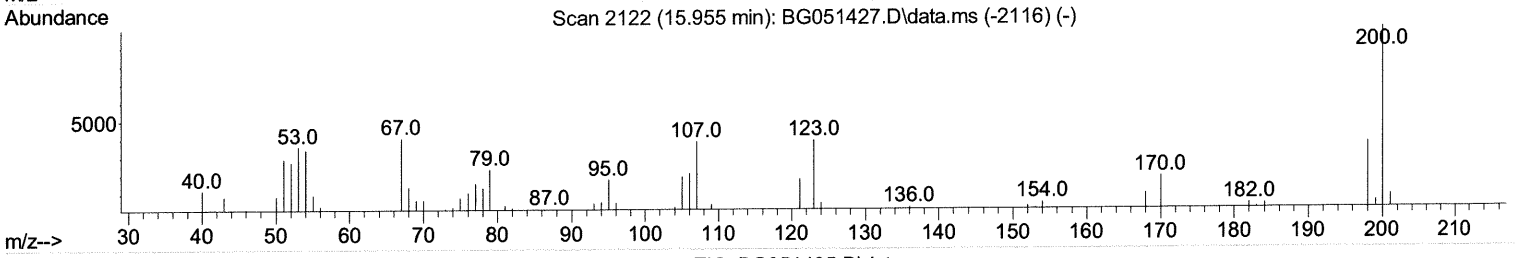

TIC: BG051435.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.967min (+ 0.017) 3.10 ng/ul

response 3512

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.80	22.97
52.00	47.40	46.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051435.D
Acq On : 9 Dec 2021 16:02
Operator : CG/JU
Sample : M4870-08DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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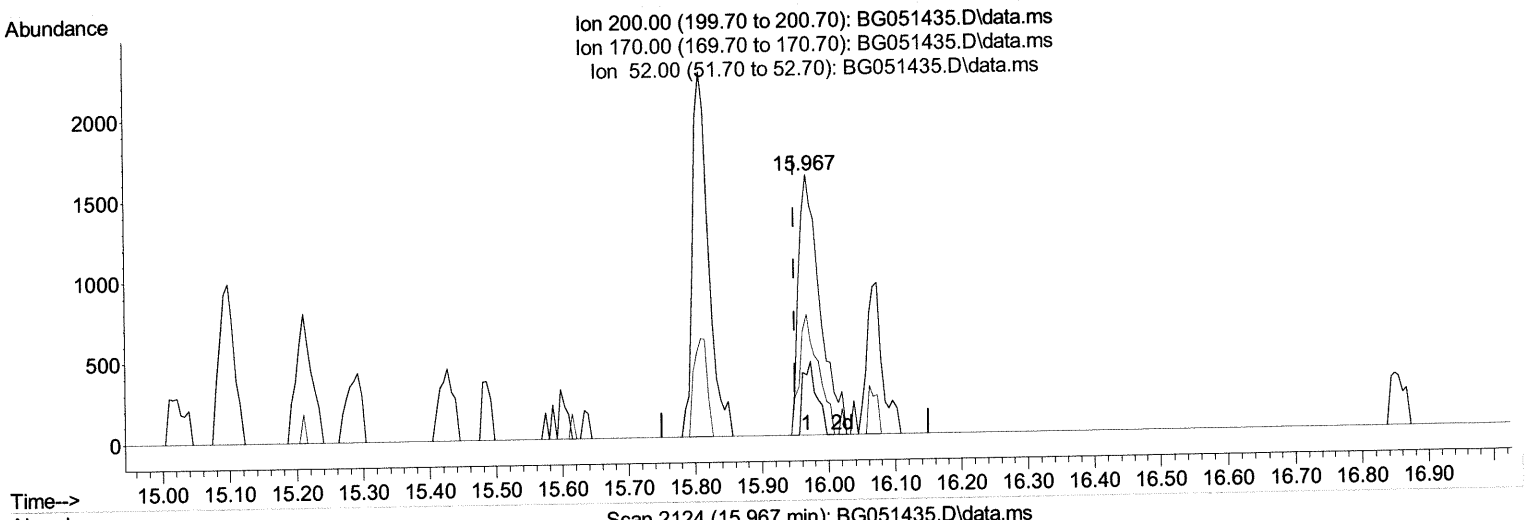

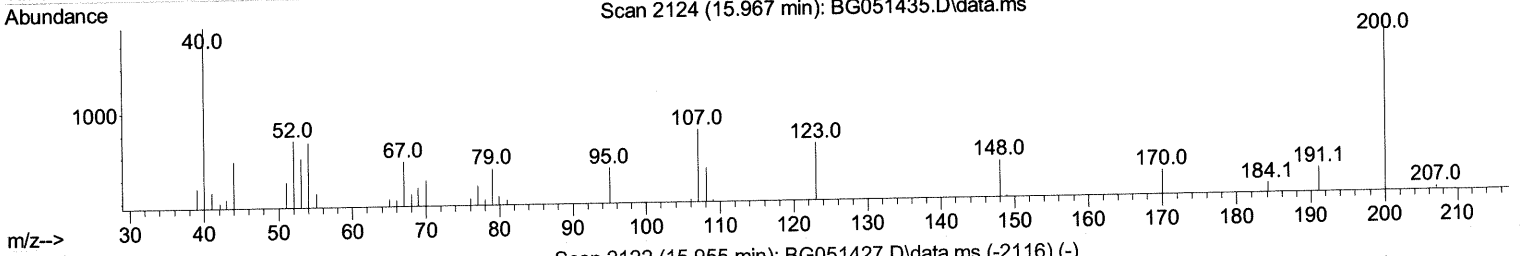

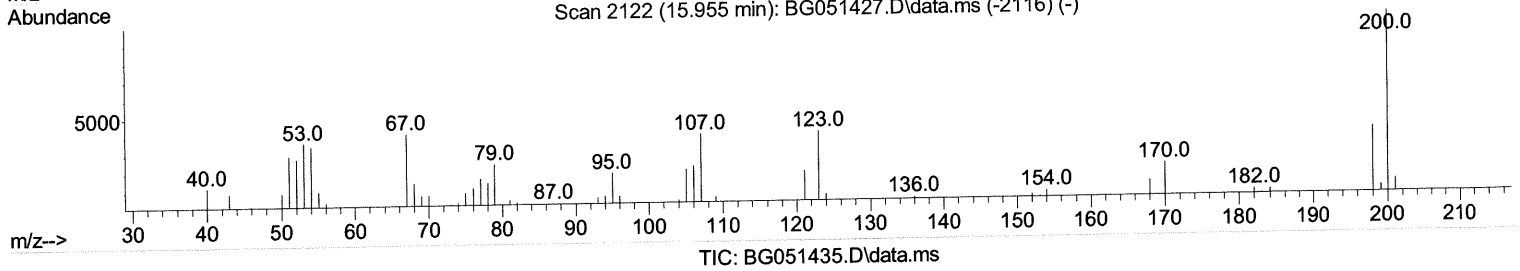

TIC: BG051435.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.967min (+ 0.017) 3.18 ng/ul m 12/16/2021

response 3605

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.80	22.97
52.00	47.40	46.37
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.182	152	27977	20.000	ng/ul	0.00	
20) Naphthalene-d8	11.014	136	122540	20.000	ng/ul	0.00	
38) Acenaphthene-d10	14.822	164	84608	20.000	ng/ul	0.00	
64) Phenanthrene-d10	17.571	188	190491	20.000	ng/ul	0.00	
79) Chrysene-d12	21.872	240	173836	20.000	ng/ul	0.00	
88) Perylene-d12	25.268	264	168705	20.000	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.529	96	338	0.397	ng/uL	0.00	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul		
7) Phenol-d5	7.366	99	2512	0.882	ng/ul	0.01	
9) Bis-(2-Chloroethyl)eth...	7.507	67	7034	3.851	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.724	132	6229	3.074	ng/ul	0.00	
15) 4-Methylphenol-d8	8.923	113	4666	2.085	ng/ul	0.01	
21) Nitrobenzene-d5	9.369	128	4236	3.985	ng/ul	0.00	
24) 2-Nitrophenol-d4	10.104	143	4324	3.595	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.656	165	7454	3.809	ng/ul	0.00	
31) 4-Chloroaniline-d4	11.161	131	8380m >	2.928	ng/ul >	0.00	12/16/21 JU
46) Dimethylphthalate-d6	14.216	166	31015	4.737	ng/ul	0.00	
49) Acenaphthylene-d8	14.516	160	37158	4.481	ng/ul	0.00	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul		
60) Fluorene-d10	15.809	176	27774	4.766	ng/ul	0.00	
65) 4,6-Dinitro-2-methylph...	15.967	200	3605m >	3.185	ng/ul >	0.02	12/16/21 JU
73) Anthracene-d10	17.671	188	45217	5.073	ng/ul	0.00	
81) Pyrene-d10	19.951	212	53522	5.122	ng/ul	0.00	
92) Benzo(a)pyrene-d12	25.039	264	42693	4.906	ng/ul	0.00	
Target Compounds						Qvalue	
8) Phenol	7.389	94	71110	24.393	ng/ul	100	
13) 2-Methylphenol	8.652	108	9274	4.273	ng/ul	99	
18) 4-Methylphenol	8.987	108	12218	5.359	ng/ul	94	
26) 2,4-Dimethylphenol	10.186	107	12815m >	5.024	ng/ul >		12/16/21 JU
30) Naphthalene	11.061	128	536250	79.688	ng/ul	98	
32) 4-Chloroaniline	11.185	127	30663	10.650	ng/ul	97	
36) 2-Methylnaphthalene	12.659	142	513076	114.334	ng/ul	100	
37) 1-Methylnaphthalene	12.871	142	238262	51.582	ng/ul	95	
43) 1,1'-Biphenyl	13.652	154	89661	14.175	ng/ul	97	
52) Acenaphthene	14.880	153	38861	7.239	ng/ul	97	
56) Dibenzofuran	15.215	168	61417	8.069	ng/ul	97	
59) Diethylphthalate	15.615	149	15673	2.201	ng/ul	98	
61) Fluorene	15.867	166	22001	3.569	ng/ul#	98	
67) N-Nitrosodiphenylamine	16.067	169	10752	2.025	ng/ul	96	
83) Butylbenzylphthalate	20.832	149	75069	13.633	ng/ul	99	

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