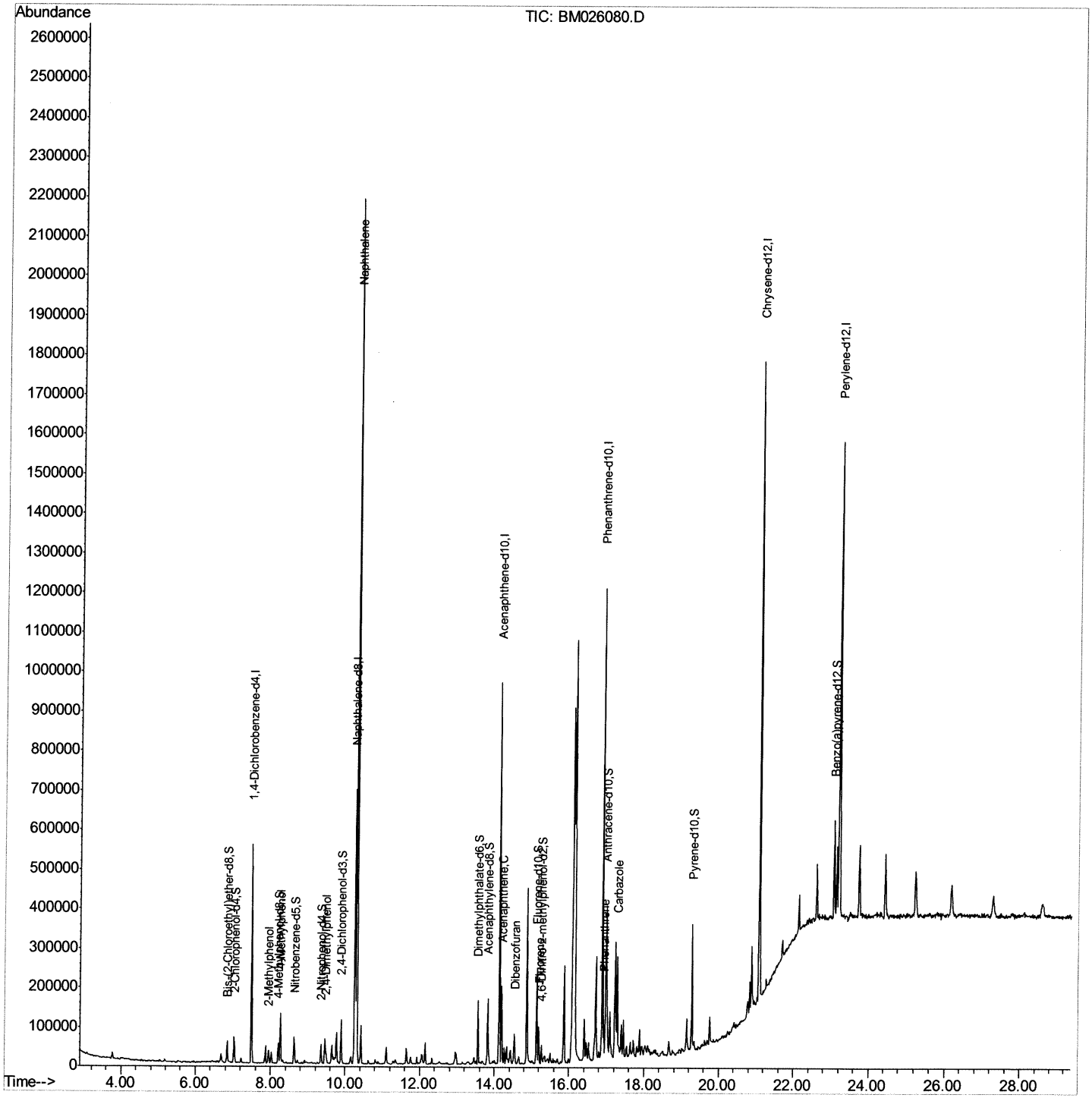
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM052220\
Data File : BM026080.D
Acq On : 22 May 2020 14:51
Operator : MA/SJ
Sample : L2725-12DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 22 15:29:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9B23DL

Manual Integrations APPROVED
mohammad
5/26/2020 10:11:11 AM



Quantitation Report (Qedit)

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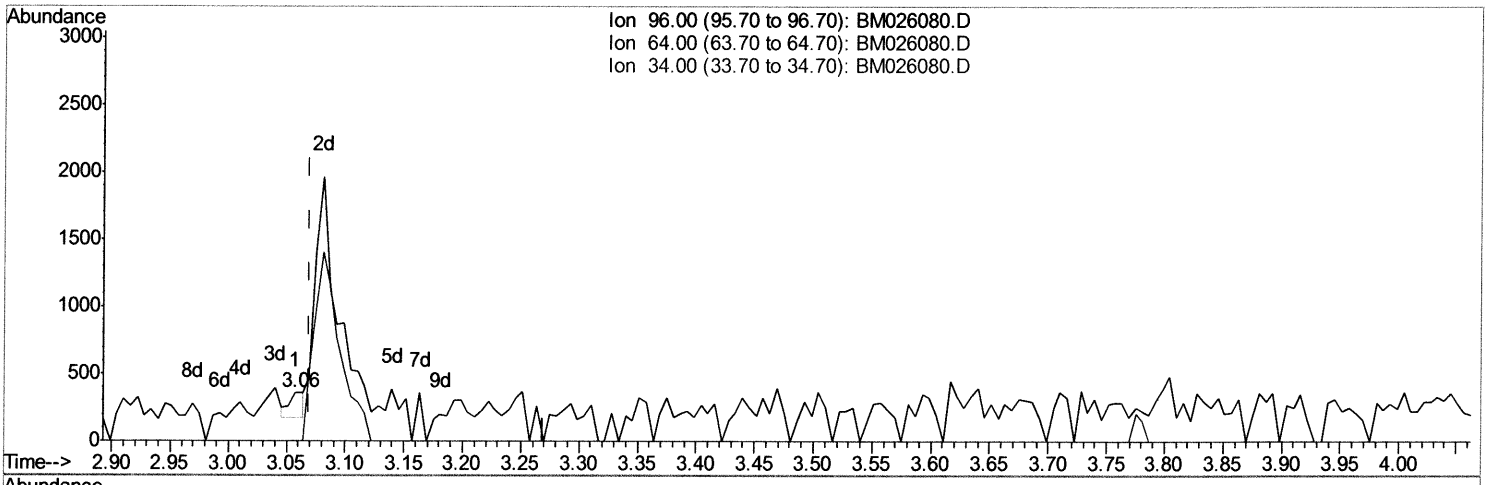

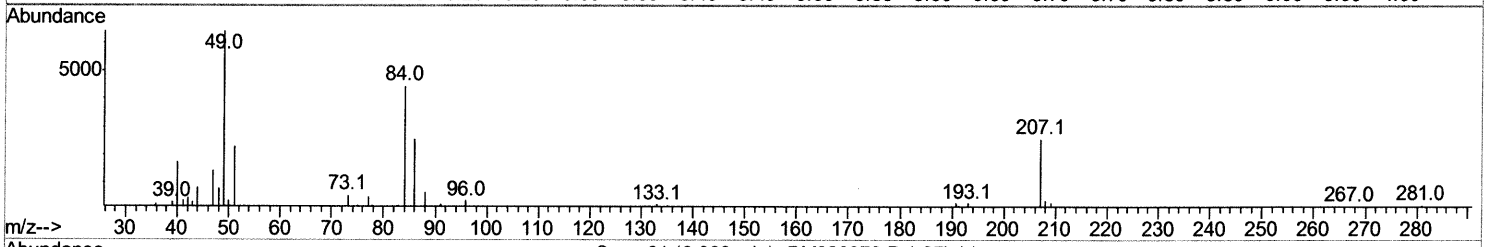

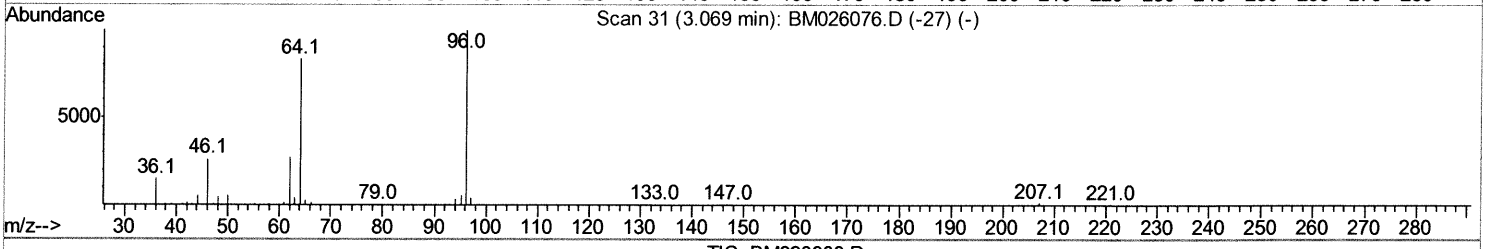

TIC: BM026080.D

(3) 1,4-Dioxane-d8 (S)

3.058min (-0.012) 0.04ng/uL

response 161

Ion	Exp%	Act%
96.00	100	100
64.00	95.60	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

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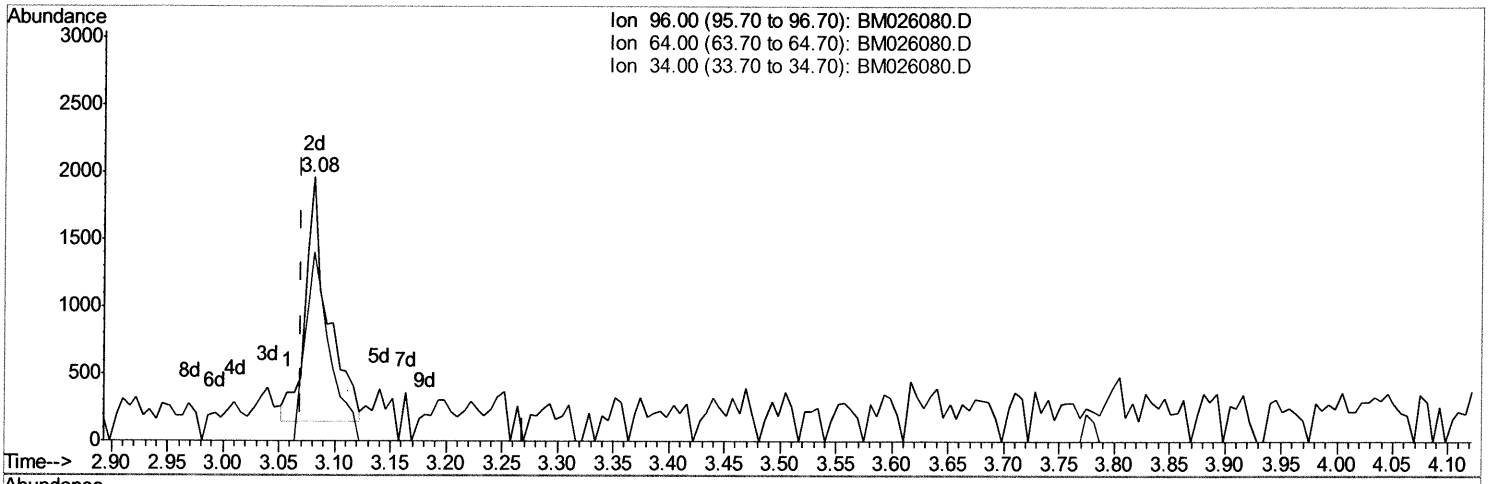
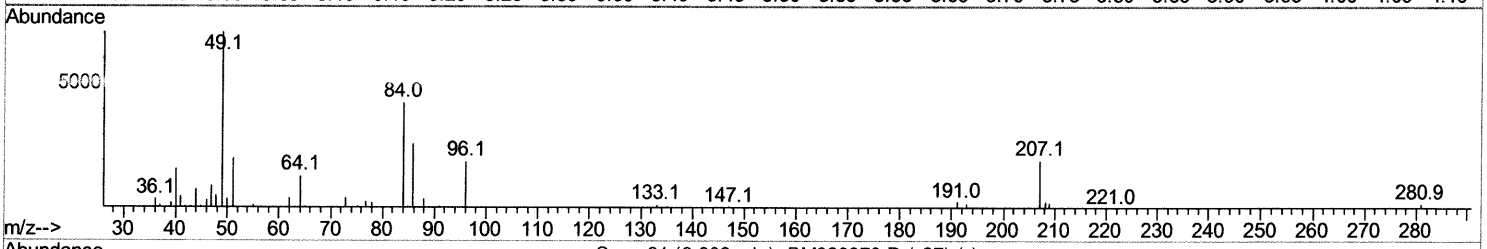
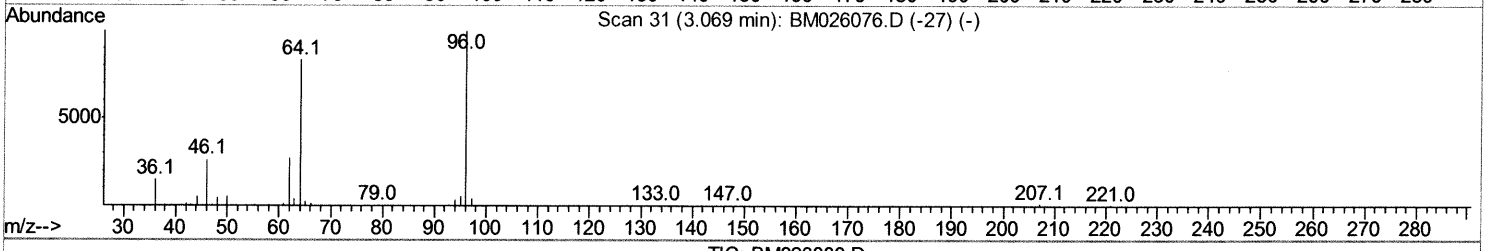
Manual Integrations APPROVED
mohammad
5/26/2020 10:11:11 AM







TIC: BM026080.D

(3) 1,4-Dioxane-d8 (S)

3.081min (+0.012) 0.60ng/uL m 05/26/20 AP

response 2601

Ion	Exp%	Act%
96.00	100	100
64.00	95.60	71.29#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
mohammad
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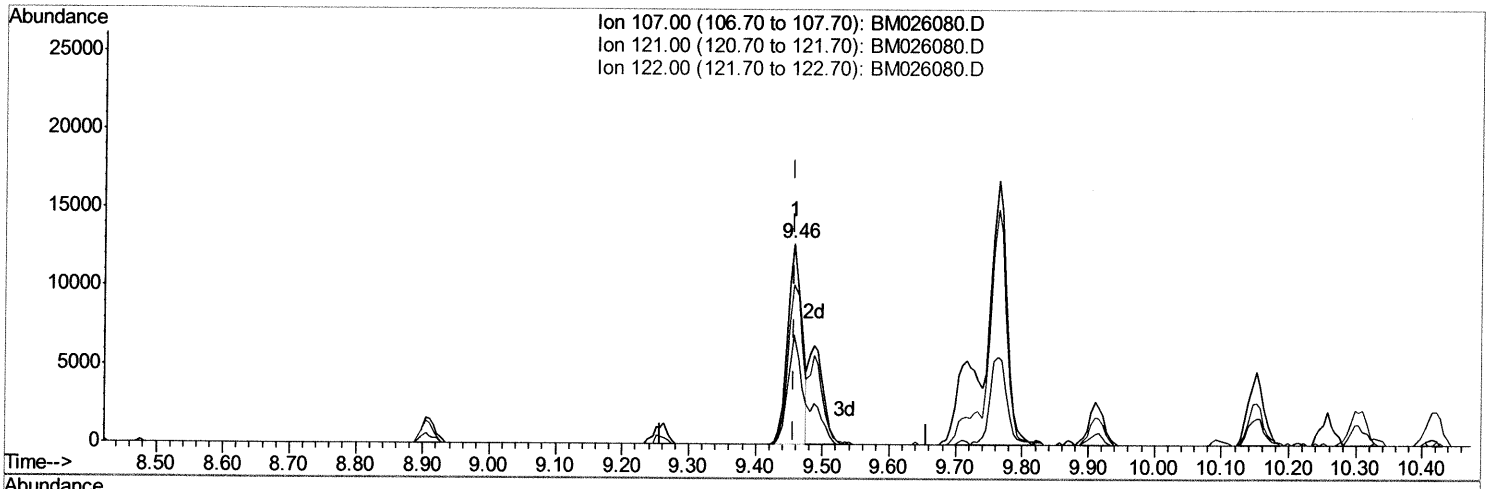

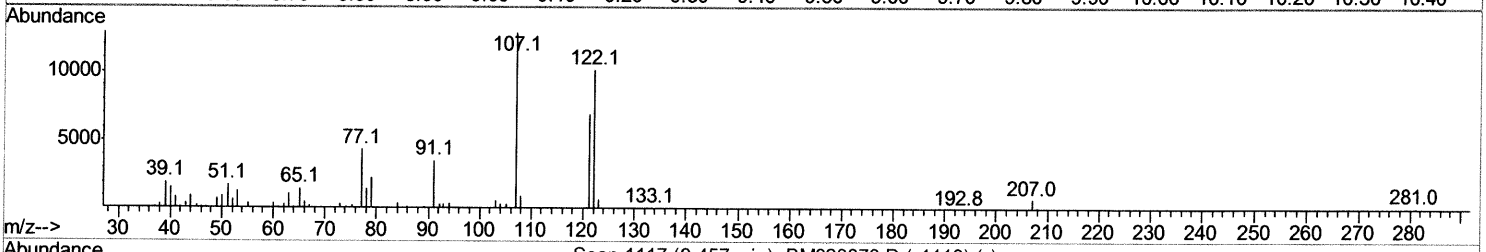

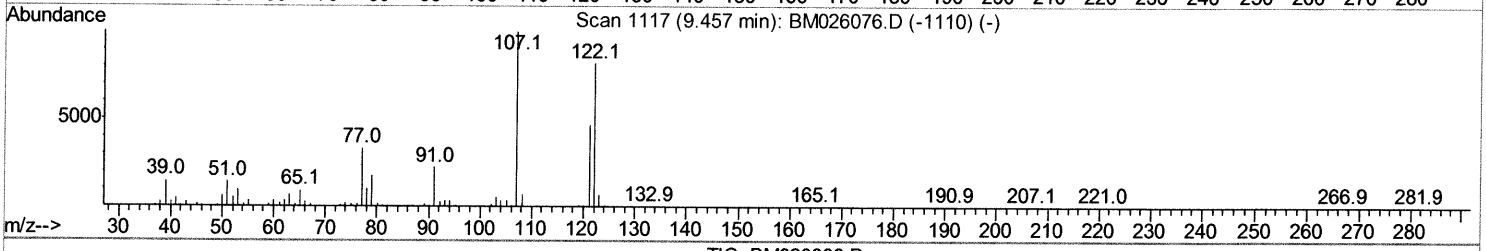

TIC: BM026080.D

(24) 2,4-Dimethylphenol

9.457min (+0.000) 1.66ng/ul

response 19107

Ion	Exp%	Act%
107.00	100	100
121.00	46.90	54.16
122.00	79.70	79.28
0.00	0.00	0.00

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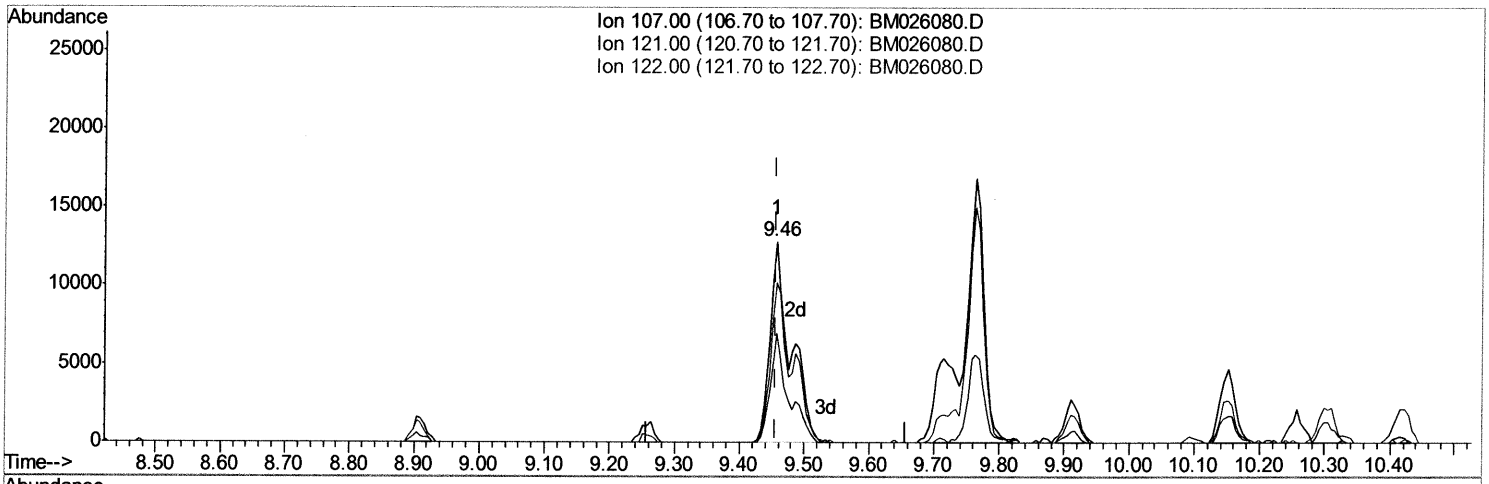
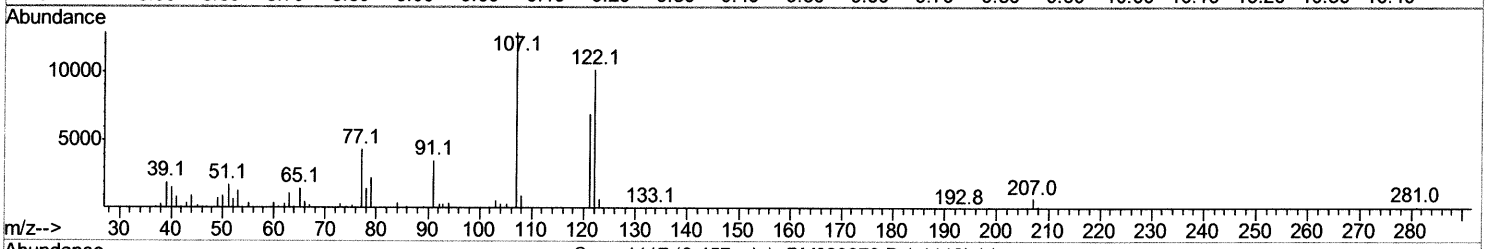
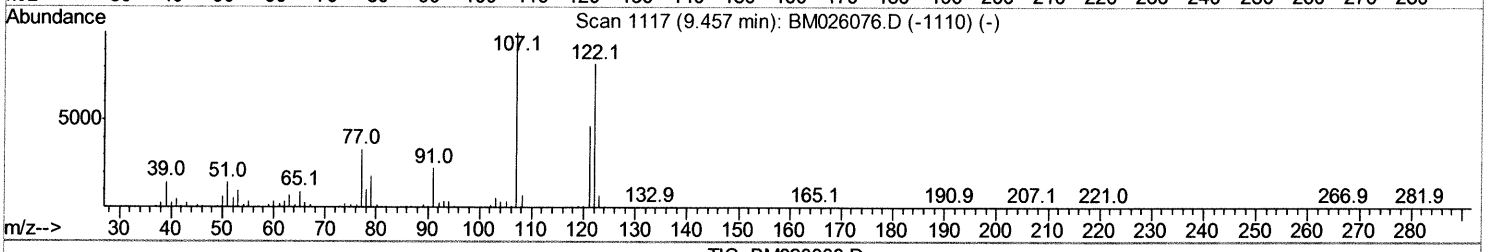
Manual Integrations APPROVED
mohammad
5/26/2020 10:11:11 AM







TIC: BM026080.D

(24) 2,4-Dimethylphenol

9.457min (+0.000) 2.48ng/ul m 05/26/20 AP

response 28579

Ion	Exp%	Act%
107.00	100	100
121.00	46.90	54.16
122.00	79.70	79.28
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	131401	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	513875	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	295543	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	651730	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	696060	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	725033	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	2601m	> 0.60	ng/uL	> 0.01 05/26/20 AP
5) Phenol-d5	6.69	99	9800	0.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	26240	3.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	25077	2.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	17427	1.94	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	13150	3.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	12277	2.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	29324	3.52	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	93514	3.95	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	100128	3.57	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.13	176	82521	4.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	7423	1.95	ng/ul	0.00
71) Anthracene-d10	16.98	188	133272	4.15	ng/ul	0.00
79) Pyrene-d10	19.28	212	149289	4.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	143914	3.73	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	7.95	108	10040	1.091	ng/ul	82
16) 4-Methylphenol	8.26	108	44181	4.413	ng/ul	85
24) 2,4-Dimethylphenol	9.46	107	28579m	> 2.483	ng/ul	> 05/26/20 AP
28) Naphthalene	10.30	128	1590863	50.633	ng/ul	99
50) Acenaphthene	14.20	153	70778	3.256	ng/ul	99
54) Dibenzofuran	14.54	168	43483	1.423	ng/ul	99
59) Fluorene	15.19	166	34957	1.414	ng/ul	99
70) Phenanthrene	16.93	178	57522	1.401	ng/ul	98
75) Carbazole	17.29	167	135627	3.980	ng/ul	95

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