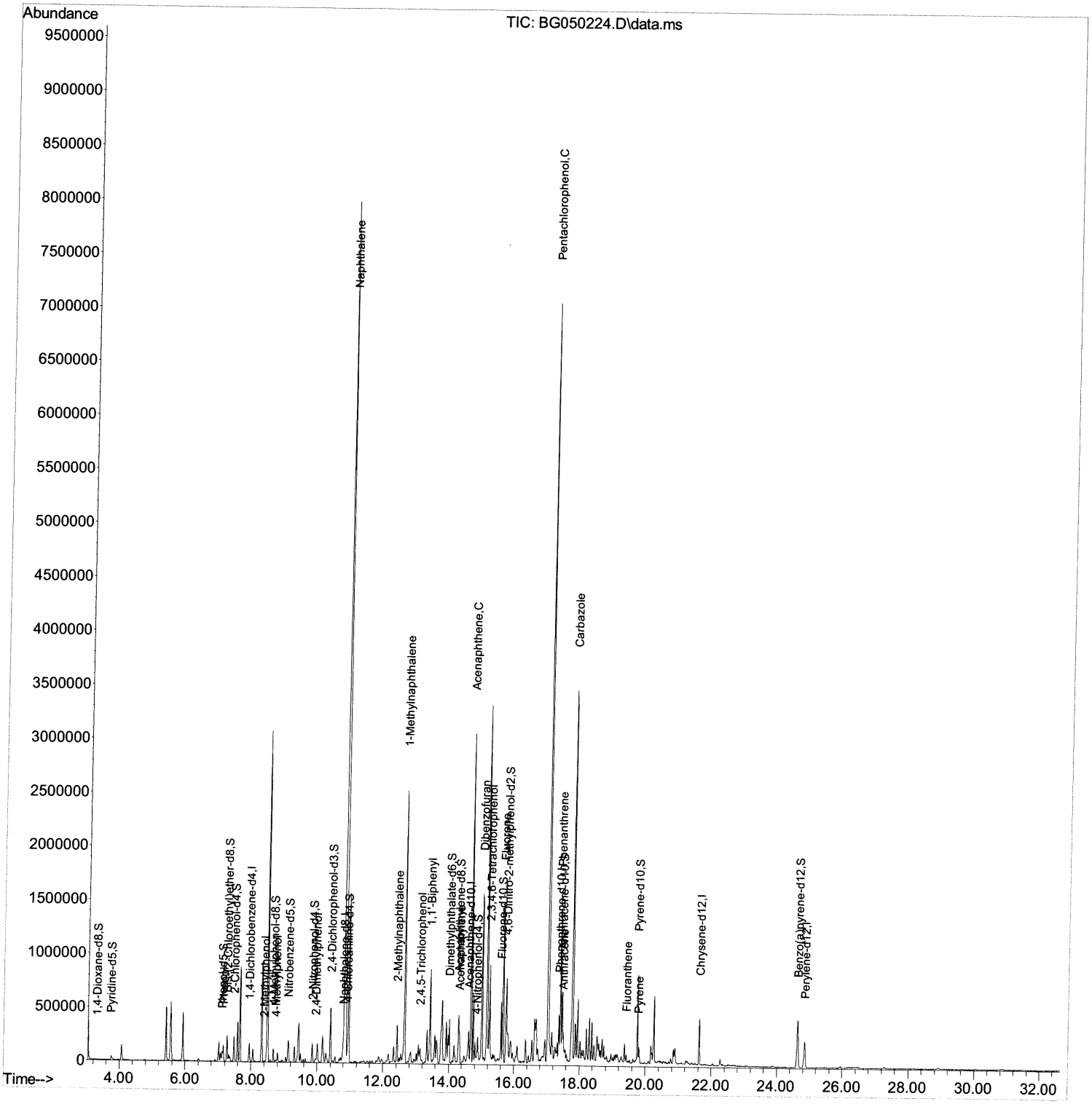
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050224.D
Acq On : 9 Sep 2021 9:11
Operator : CG/JU
Sample : M3608-19
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Sep 09 09:54:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKL5

Manual Integrations APPROVED
mohammad
9/9/2021 11:47:33 AM



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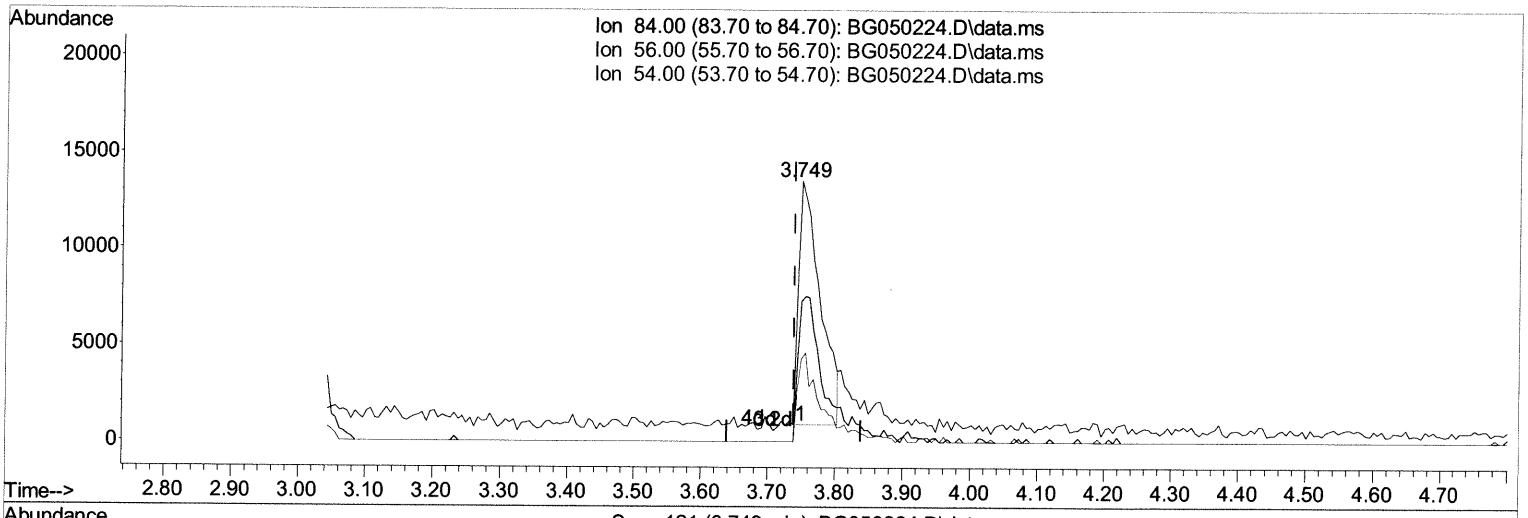

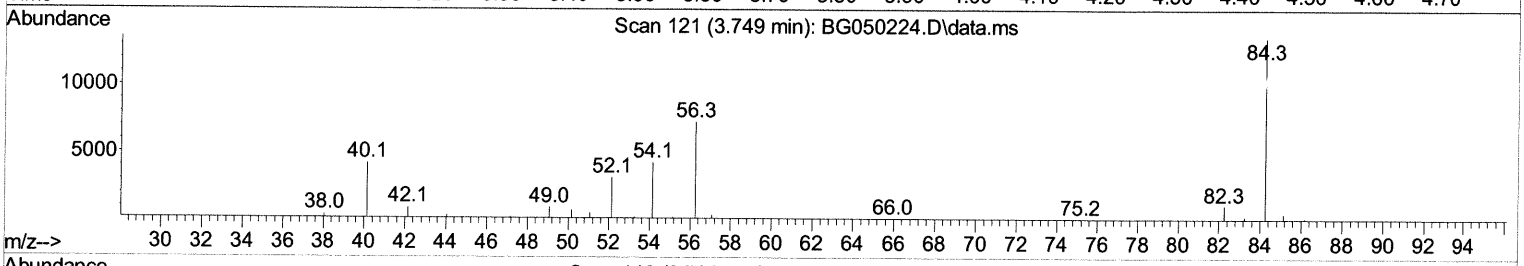

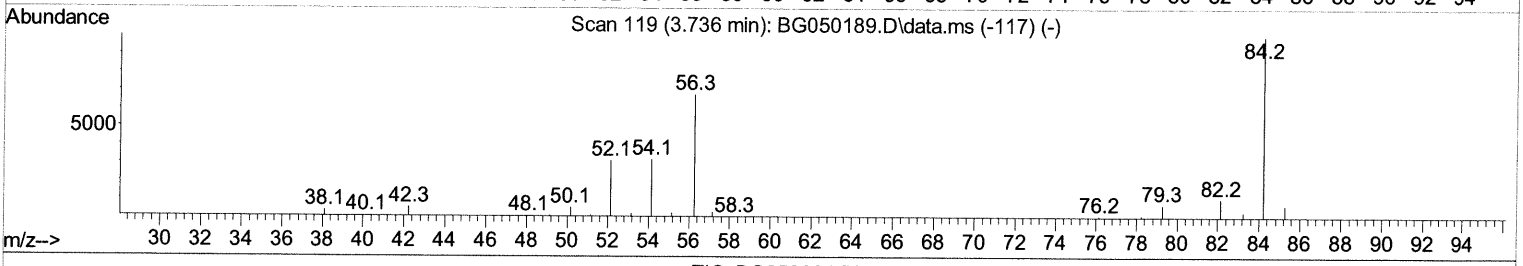

TIC: BG050224.D\data.ms

(4) Pyridine-d5 (S)

3.749min (+ 0.010) 7.56 ng/ul

response 28135

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	53.83
54.00	37.00	31.78
0.00	0.00	0.00

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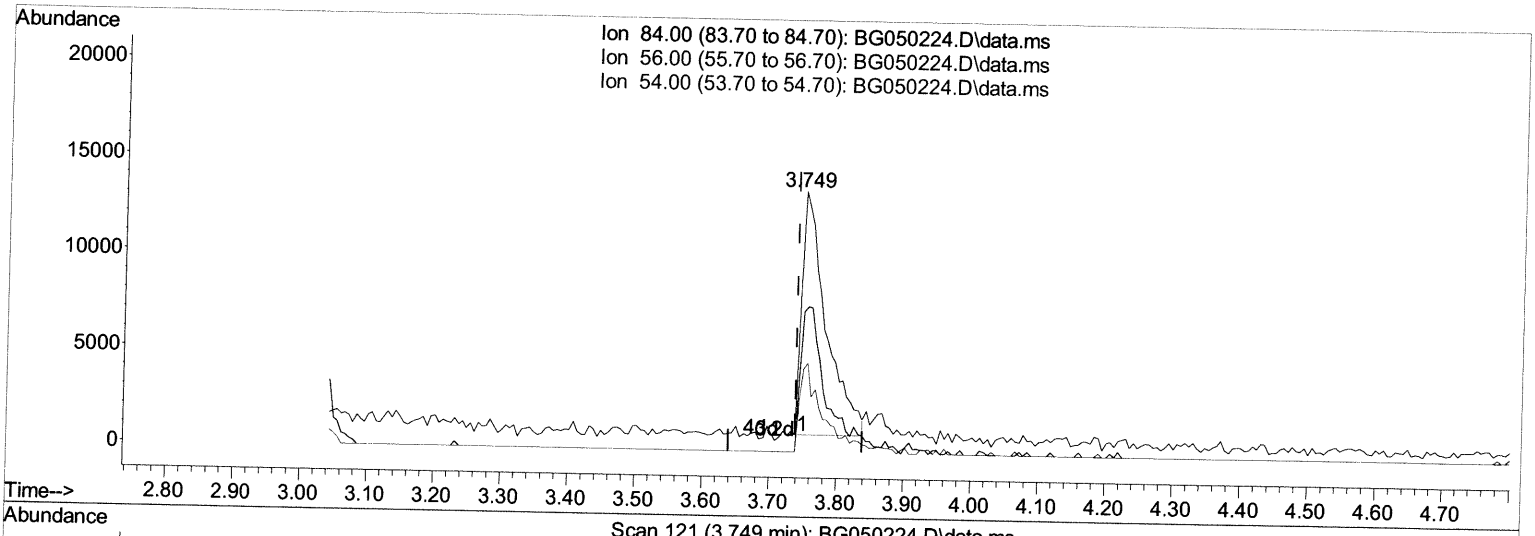

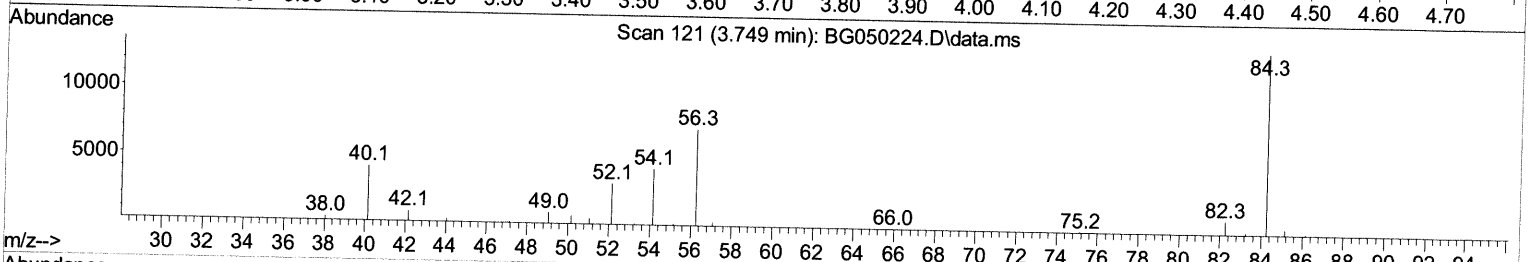

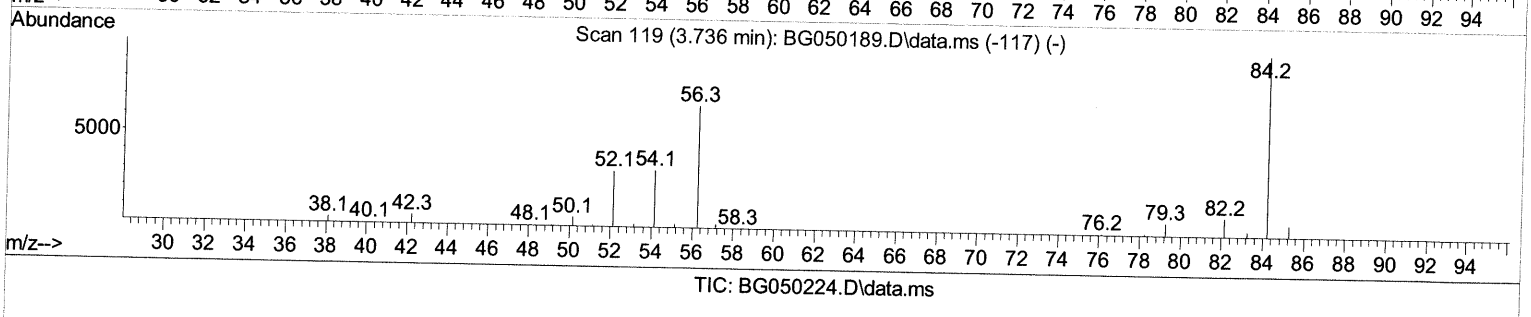

TIC: BG050224.D\data.ms

(4) Pyridine-d5 (S)

3.749min (+ 0.010) 8.51 ng/ul m 09/10/21 JU

response 31658

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	53.83
54.00	37.00	31.78
0.00	0.00	0.00

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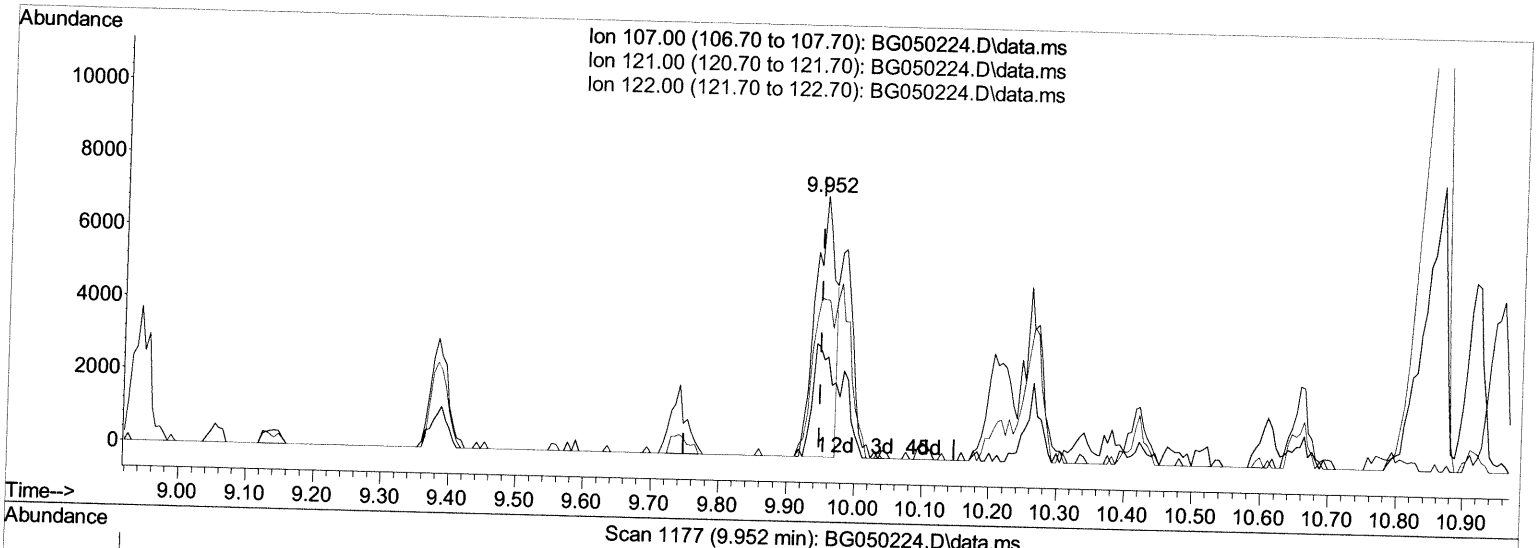

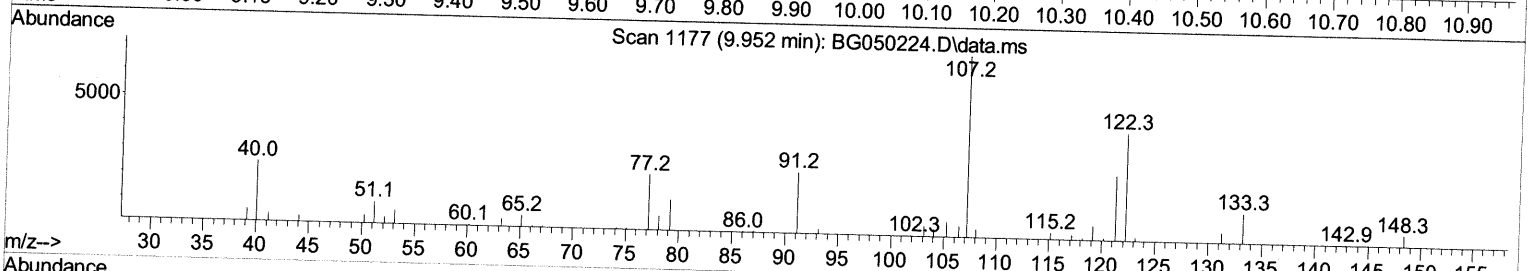

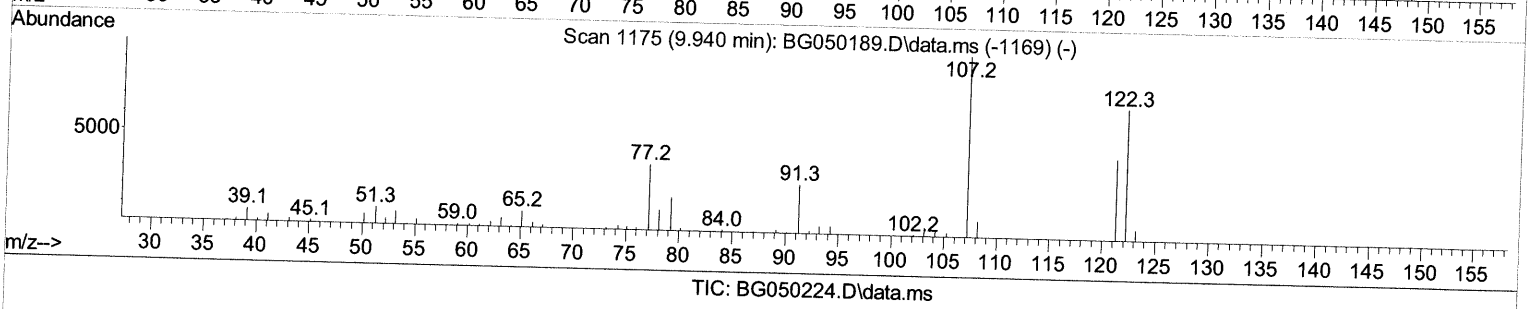

TIC: BG050224.D\data.ms

(26) 2,4-Dimethylphenol

9.952min (+ 0.005) 4.68 ng/ul

response 14407

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	40.90	37.06
122.00	65.80	60.26
0.00	0.00	0.00

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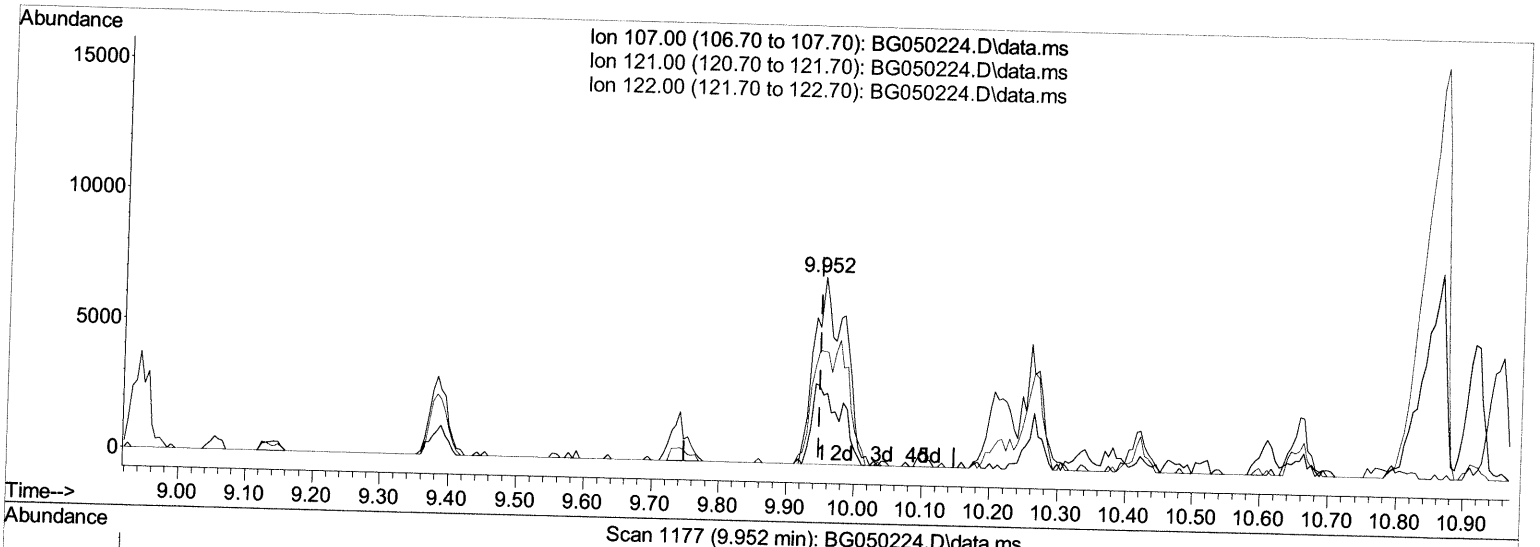

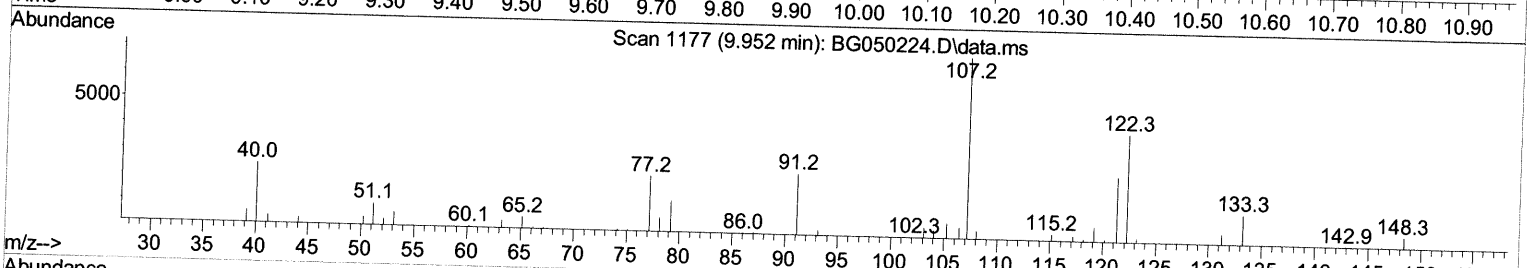

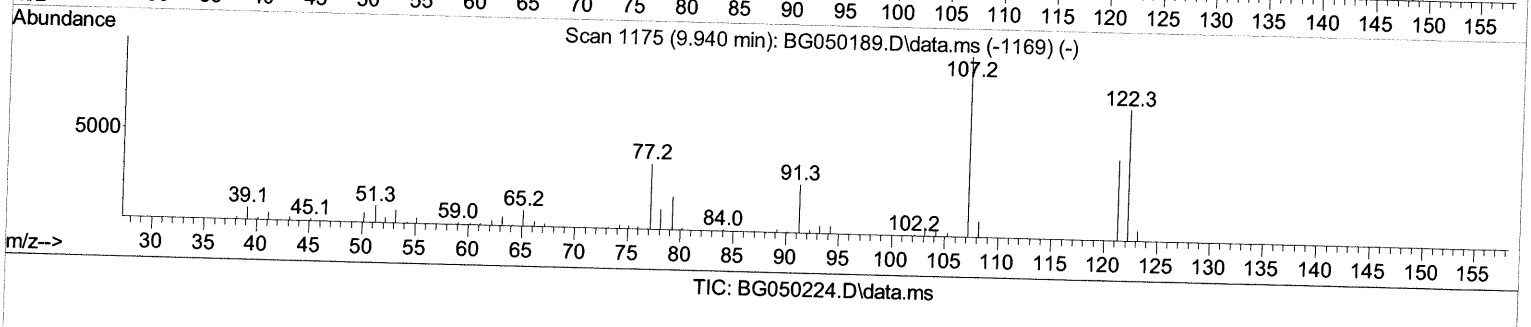

TIC: BG050224.D\data.ms

(26) 2,4-Dimethylphenol

9.952min (+ 0.005) 7.23 ng/ul m 09/10/21 JU

response 22261

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	40.90	37.06
122.00	65.80	60.26
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	51803	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.781	136	157211	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.611	164	102103	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.372	188	213572	20.000	ng/ul	0.00
79) Chrysene-d12	21.637	240	245710	20.000	ng/ul	0.00
88) Perylene-d12	24.850	264	258449	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	3528	3.367	ng/uL	0.00
4) Pyridine-d5	3.749	84	31658m	8.511	ng/ul	0.01
7) Phenol-d5	7.121	99	60048	14.929	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	115573	49.201	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.479	132	109432	32.783	ng/ul	0.00
15) 4-Methylphenol-d8	8.672	113	47856	15.133	ng/ul	0.00
21) Nitrobenzene-d5	9.124	128	40330	37.375	ng/ul	0.00
24) 2-Nitrophenol-d4	9.847	143	58040	44.233	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	72559	28.974	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	85084	27.576	ng/ul	0.00
46) Dimethylphthalate-d6	14.018	166	267592	34.709	ng/ul	0.00
49) Acenaphthylene-d8	14.300	160	316958	34.527	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.852	143	12495	13.432	ng/ul	0.00
60) Fluorene-d10	15.604	176	226452	35.375	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	94216	73.132	ng/ul	0.00
73) Anthracene-d10	17.472	188	359464	37.493	ng/ul	0.00
81) Pyrene-d10	19.757	212	433460	35.417	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.633	264	479092	35.018	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.150	94	6111	1.543	ng/ul#	64
13) 2-Methylphenol	8.408	108	4661	1.462	ng/ul	98
18) 4-Methylphenol	8.736	108	8185	2.703	ng/ul#	76
26) 2,4-Dimethylphenol	9.952	107	22261m	7.227	ng/ul	
30) Naphthalene	10.863	128	7544006	1044.835	ng/ul#	58
36) 2-Methylnaphthalene	12.431	142	146397	27.418	ng/ul	100
37) 1-Methylnaphthalene	12.655	142	1165592	227.349	ng/ul	97
42) 2,4,5-Trichlorophenol	13.131	196	30359	14.889	ng/ul#	82
43) 1,1'-Biphenyl	13.436	154	449196	60.941	ng/ul	98
50) Acenaphthylene	14.329	152	68362	7.968	ng/ul#	92
52) Acenaphthene	14.681	153	1307566	213.891	ng/ul	97
56) Dibenzofuran	15.010	168	966985	114.972	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.251	232	228653	148.057	ng/ul#	91
61) Fluorene	15.662	166	662677	93.977	ng/ul	95
71) Pentachlorophenol	17.049	266	1571149	1998.895	ng/ul	98
72) Phenanthrene	17.413	178	815044	74.825	ng/ul	97
74) Anthracene	17.501	178	65216	5.905	ng/ul	94
77) Carbazole	17.789	167	2368920	243.279	ng/ul#	92
80) Fluoranthene	19.422	202	44416	2.920	ng/ul#	97
82) Pyrene	19.786	202	17040	1.142	ng/ul#	94

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