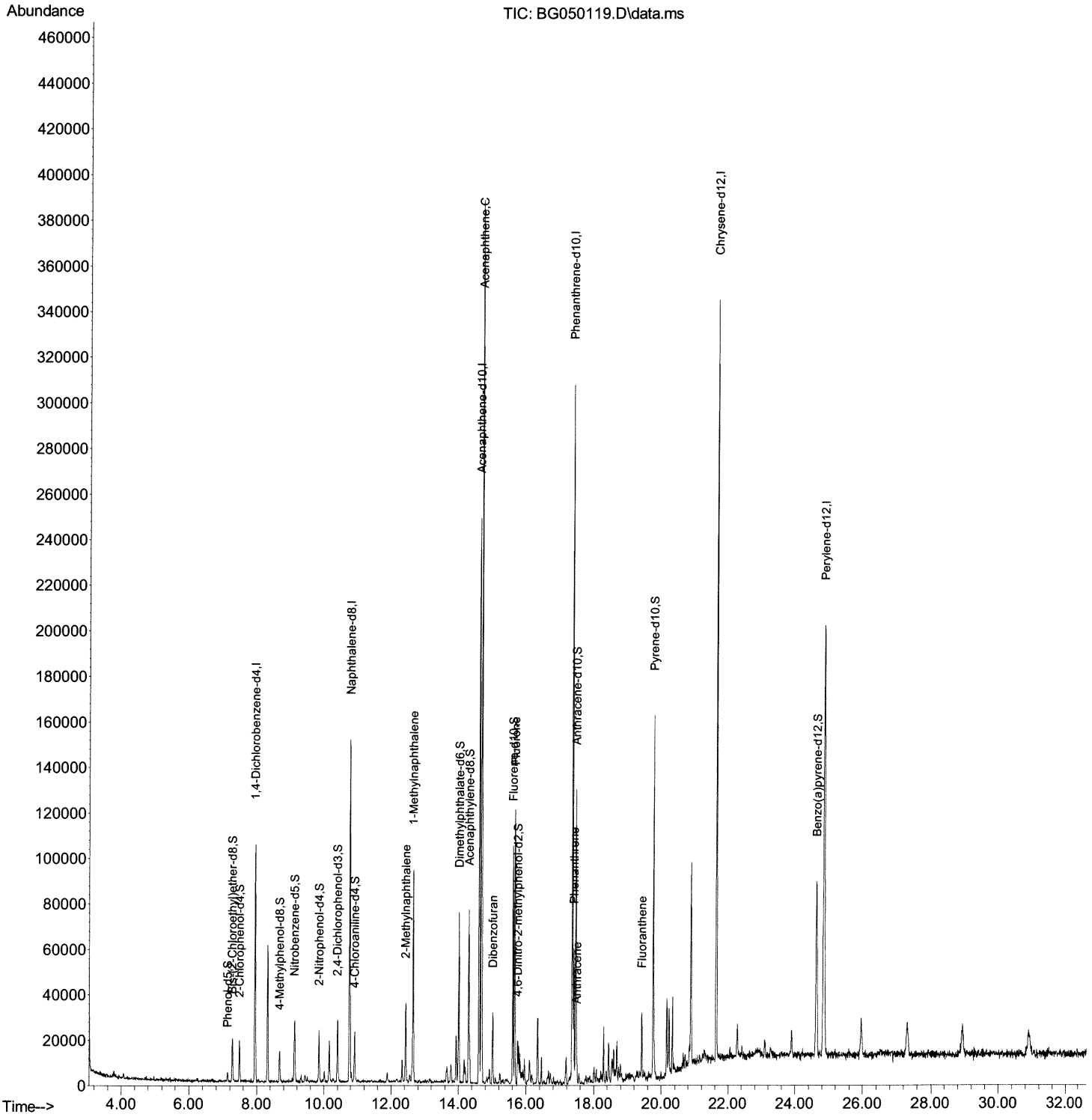
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050119.D
Acq On : 3 Sep 2021 6:45
Operator : CG/JU
Sample : M3448-08DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 03 07:28:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBKE7DL

Manual Integrations APPROVED
mohammad
9/3/2021 3:32:34 PM



Quantitation Report (Qedit)

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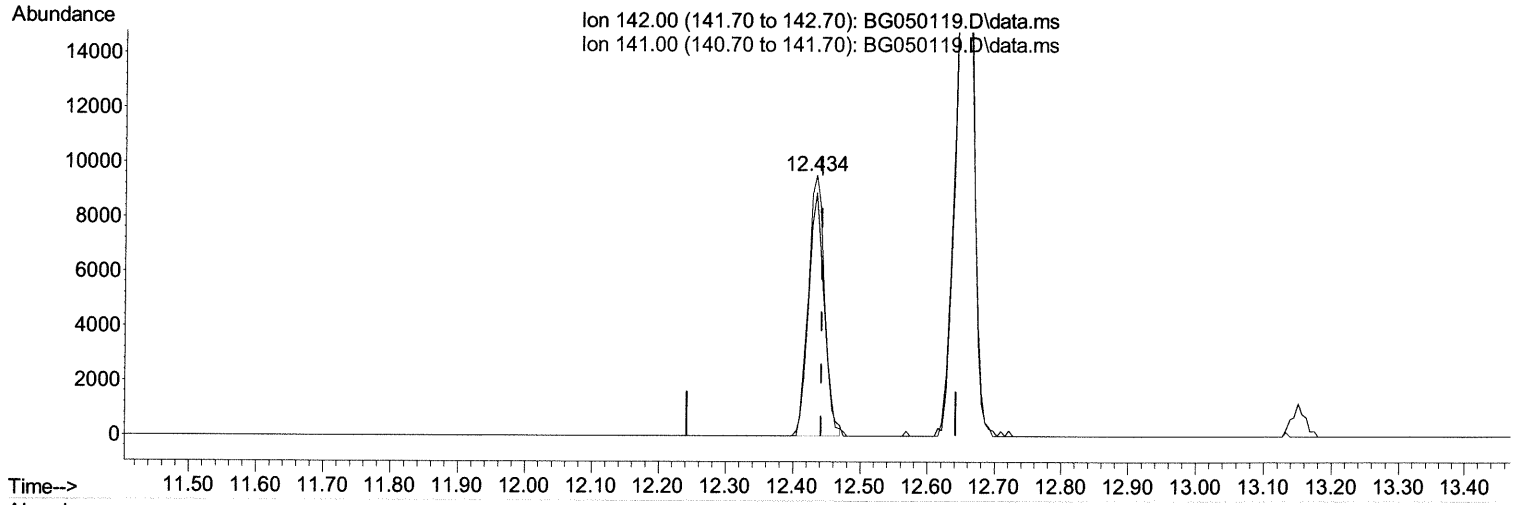

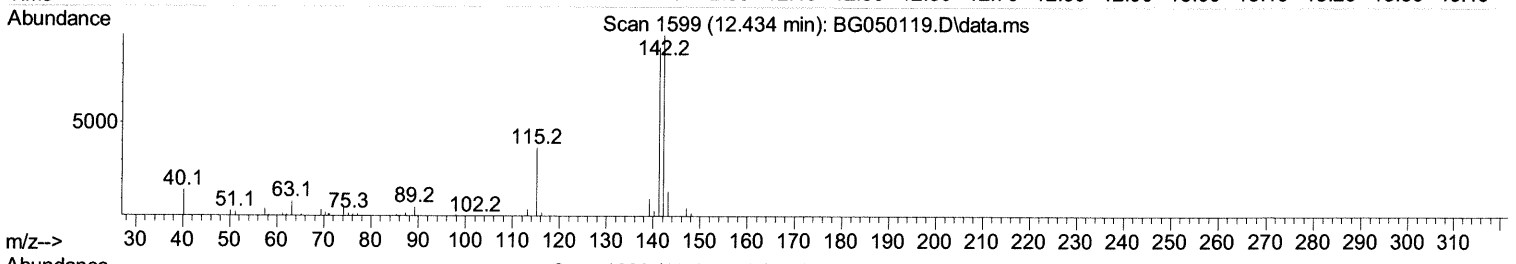

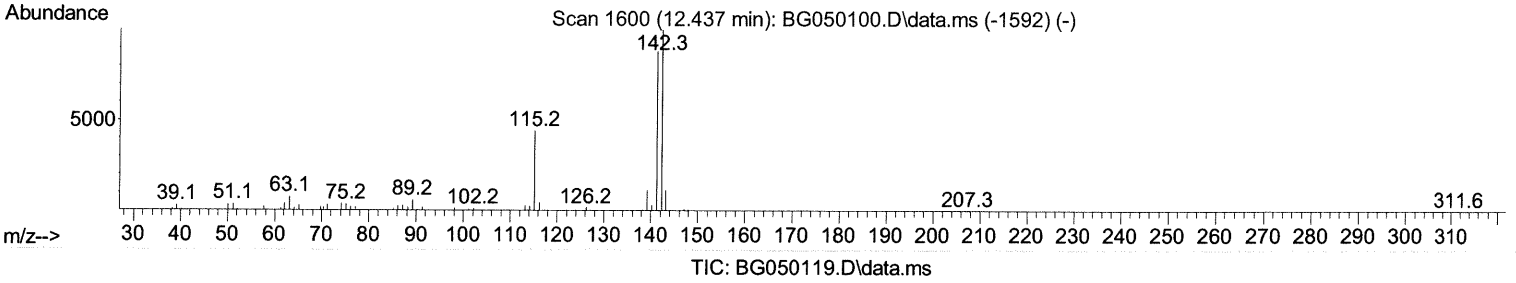

TIC: BG050119.D\data.ms

(36) 2-Methylnaphthalene

12.434min (-0.009) 3.39 ng/ul

response 15849

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.10	93.32
0.00	0.00	0.00
0.00	0.00	0.00

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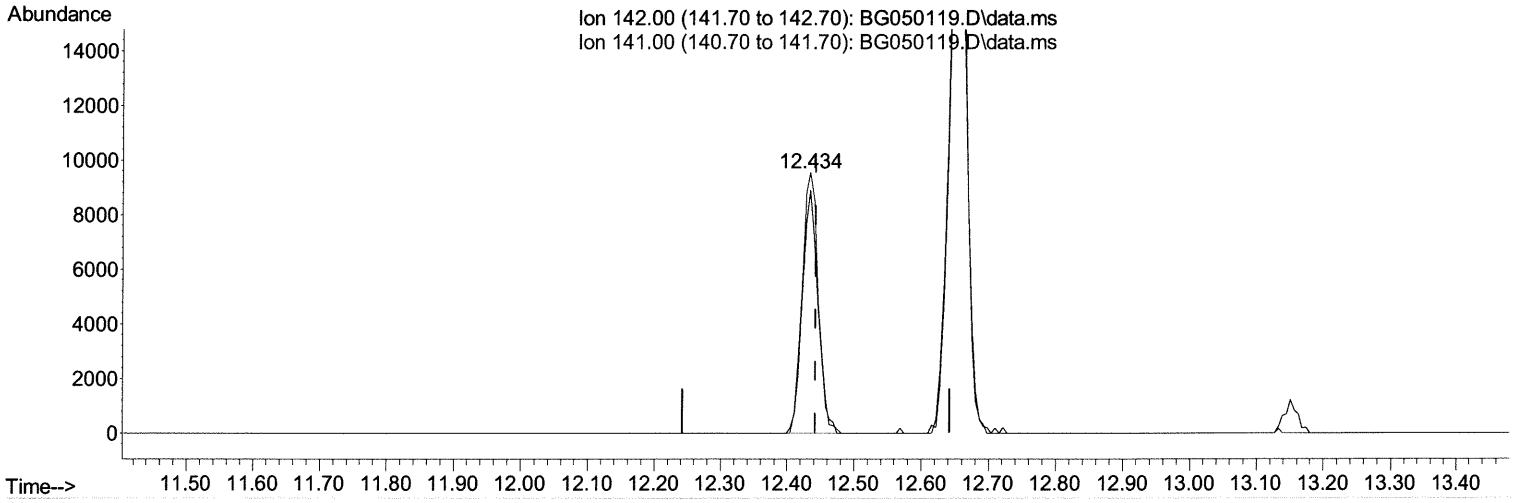

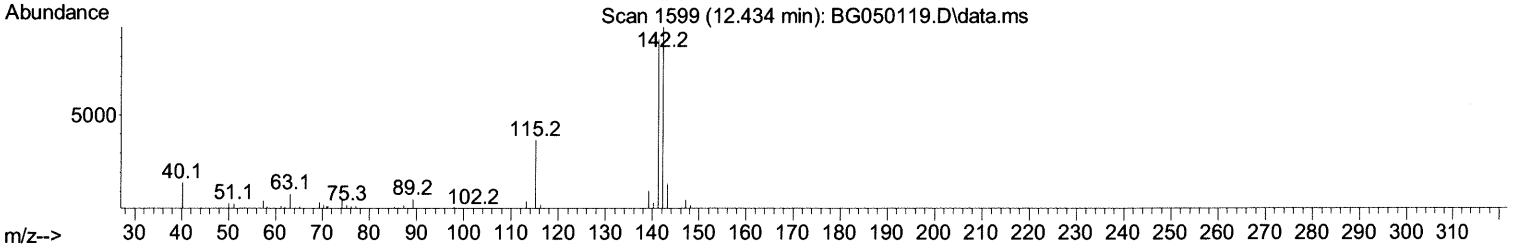

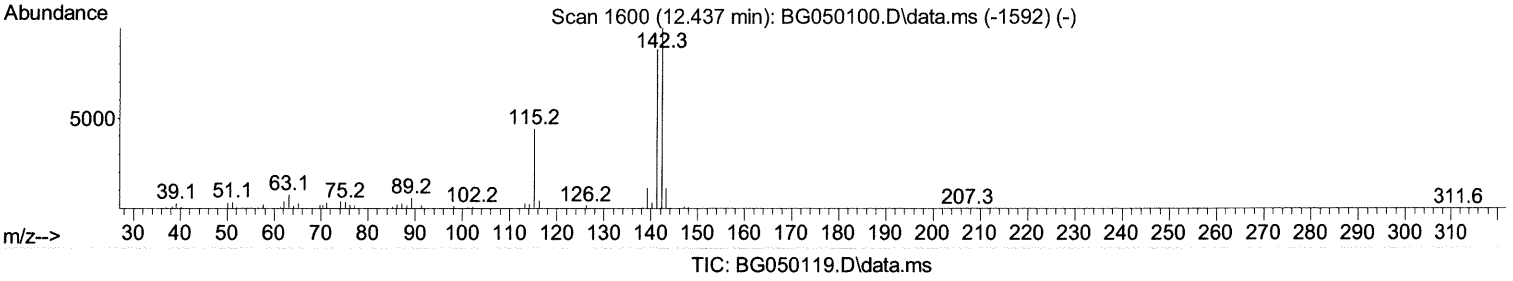

TIC: BG050119.D\data.ms

(36) 2-Methylnaphthalene

12.434min (-0.009) 3.40 ng/ul m

JG 9/8/21

response 15906

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.10	93.32
0.00	0.00	0.00
0.00	0.00	0.00

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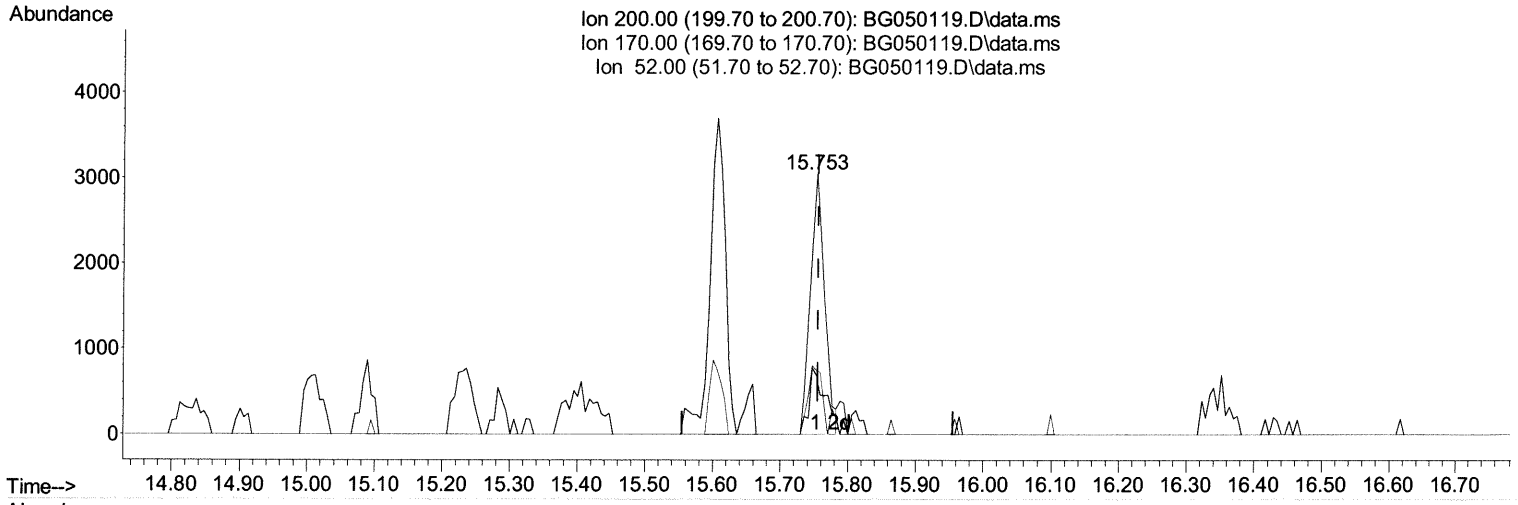
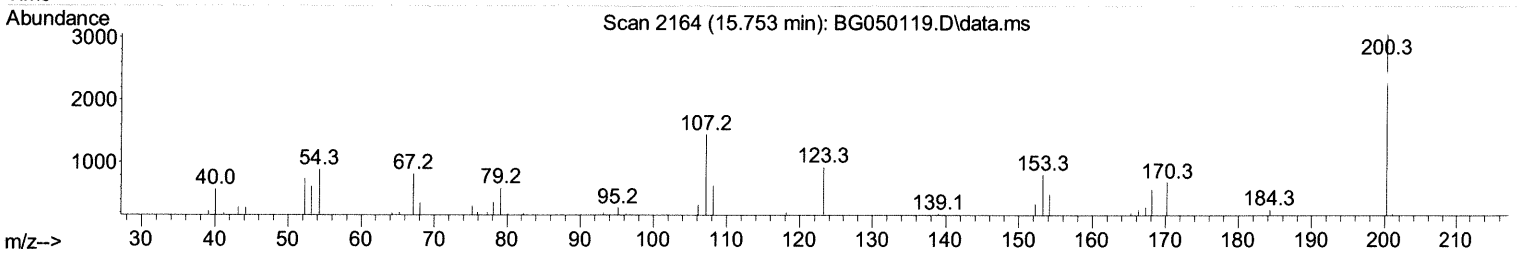
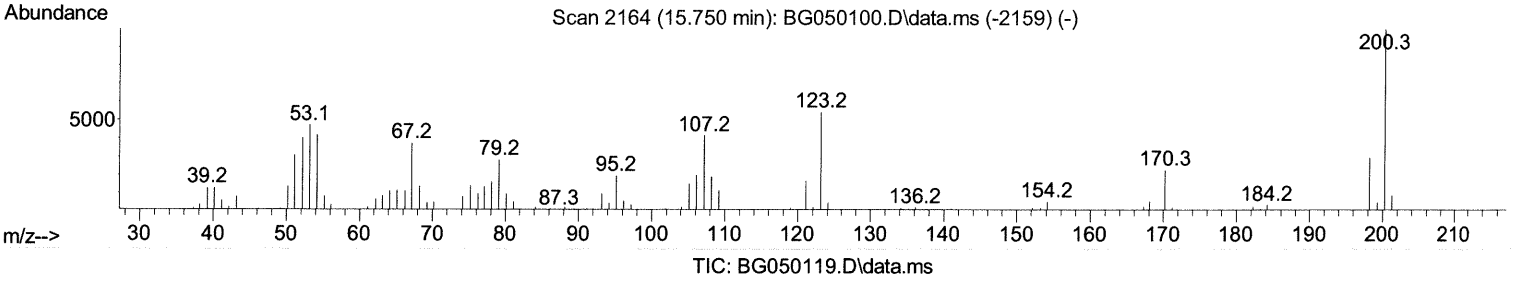
Manual Integrations APPROVED
mohammad
9/3/2021 3:32:34 PM







TIC: BG050119.D\data.ms

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

15.753min (-0.003) 3.83 ng/ul

response 4483

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.40	22.53
52.00	45.50	24.47#
0.00	0.00	0.00

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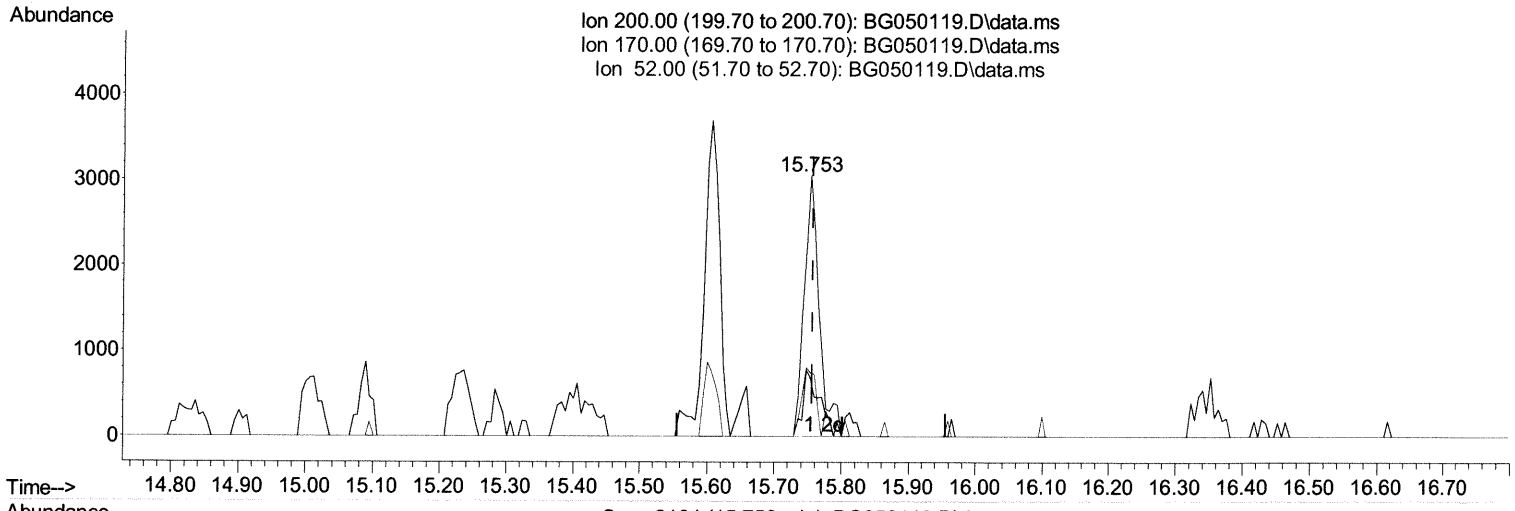
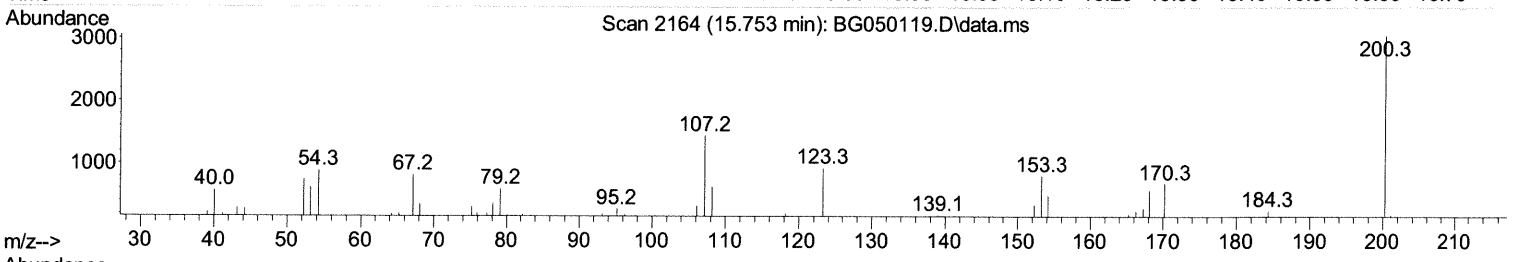
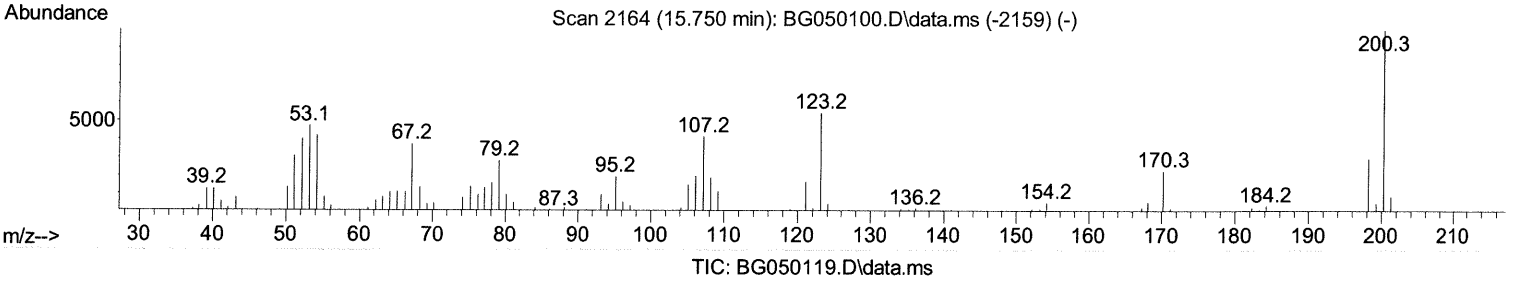
Manual Integrations APPROVED
mohammad
9/3/2021 3:32:34 PM







TIC: BG050119.D\data.ms

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

15.753min (-0.003) 4.05 ng/ul m JU 9/8/21

response 4746

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.40	22.53
52.00	45.50	24.47#
0.00	0.00	0.00

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ClientSampleId : DBKE7DL

Manual Integrations APPROVED
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9/3/2021 3:32:34 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	30346	20.000	ng/ul	0.00
20) Naphthalene-d8	10.771	136	125904	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.613	164	86619	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	182163	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.639	240	192365	20.000	ng/ul	0.00
88) Perylene-d12	24.852	264	192259	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.135	99	3175	1.232	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.270	67	9431	6.588	ng/ul	0.00
11) 2-Chlorophenol-d4	7.482	132	9296	4.821	ng/ul	0.00
15) 4-Methylphenol-d8	8.674	113	6183	3.047	ng/ul	0.00
21) Nitrobenzene-d5	9.126	128	6413	6.570	ng/ul	0.00
24) 2-Nitrophenol-d4	9.849	143	6990	6.014	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.401	165	11435	5.516	ng/ul	0.00
31) 4-Chloroaniline-d4	10.918	131	13524	4.793	ng/ul	0.00
46) Dimethylphthalate-d6	14.014	166	51418	7.756	ng/ul	0.00
49) Acenaphthylene-d8	14.308	160	56640	7.287	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.606	176	42381	7.540	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.753	200	4746m	4.050	ng/ul	0.00
73) Anthracene-d10	17.468	188	75155	9.188	ng/ul	0.00
81) Pyrene-d10	19.759	212	87652	8.432	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.635	264	84644	8.299	ng/ul	-0.01
Target Compounds						Qvalue
36) 2-Methylnaphthalene	12.434	142	15906m	3.400	ng/ul	
37) 1-Methylnaphthalene	12.651	142	42255	8.949	ng/ul	91
52) Acenaphthene	14.678	153	163256	31.680	ng/ul	98
56) Dibenzofuran	15.013	168	19060	2.671	ng/ul	91
61) Fluorene	15.665	166	54784	9.099	ng/ul	89
72) Phenanthrene	17.409	178	35396	3.898	ng/ul	97
74) Anthracene	17.503	178	9777	1.062	ng/ul	95
80) Fluoranthene	19.424	202	18675	1.456	ng/ul	99

JU 9/8/21

JU 9/8/21

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