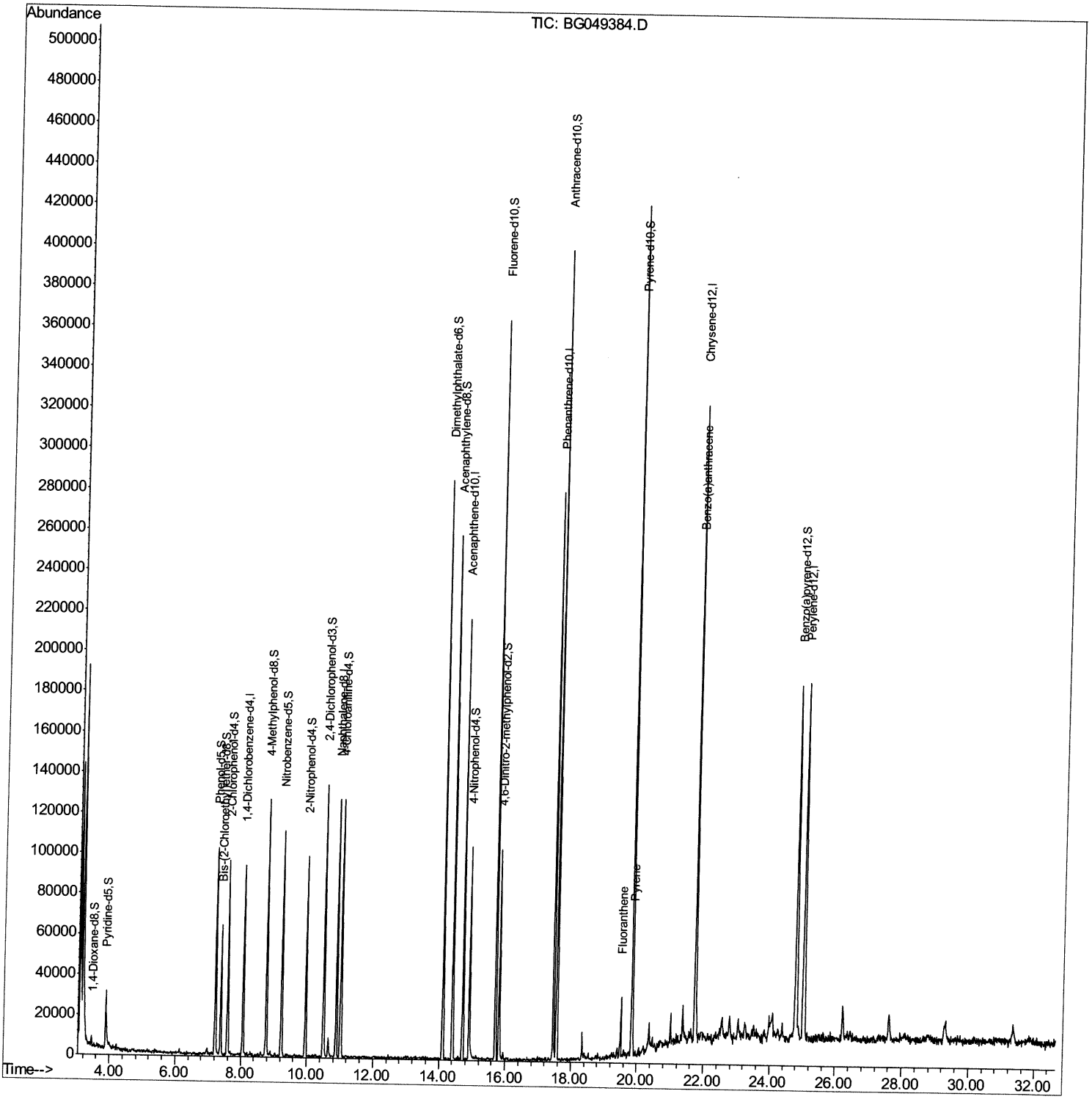
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049384.D
Acq On : 16 Jul 2021 18:51
Operator : CG/JU
Sample : M2970-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 17 01:09:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGEA5

Manual Integrations APPROVED
mohammad
7/19/2021 11:53:35 AM



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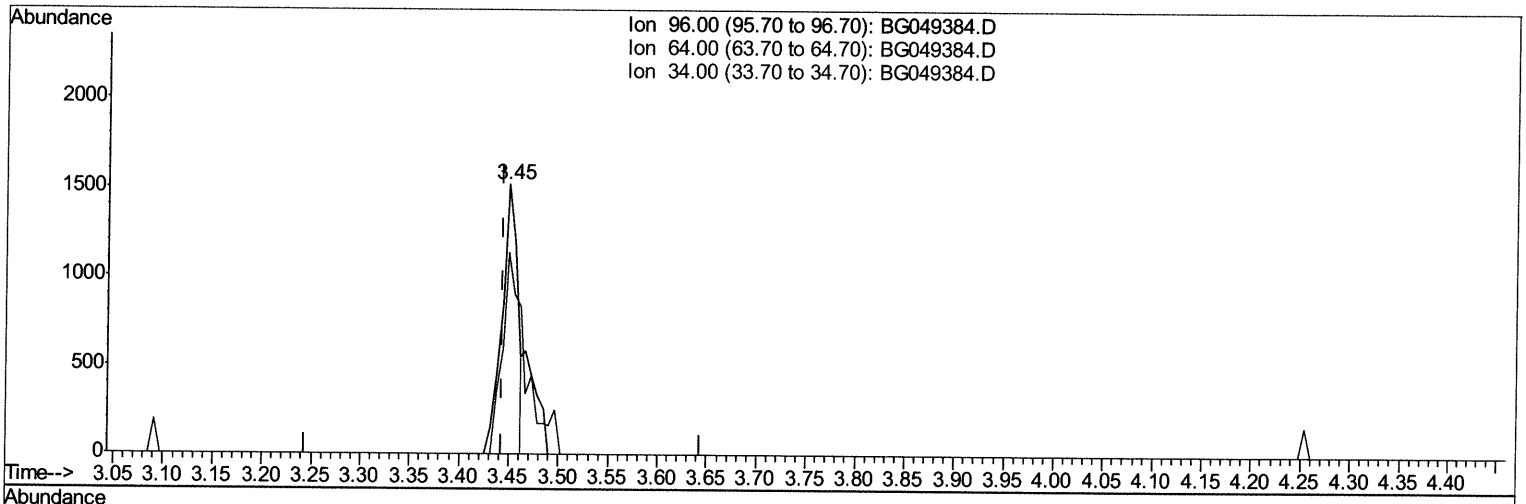

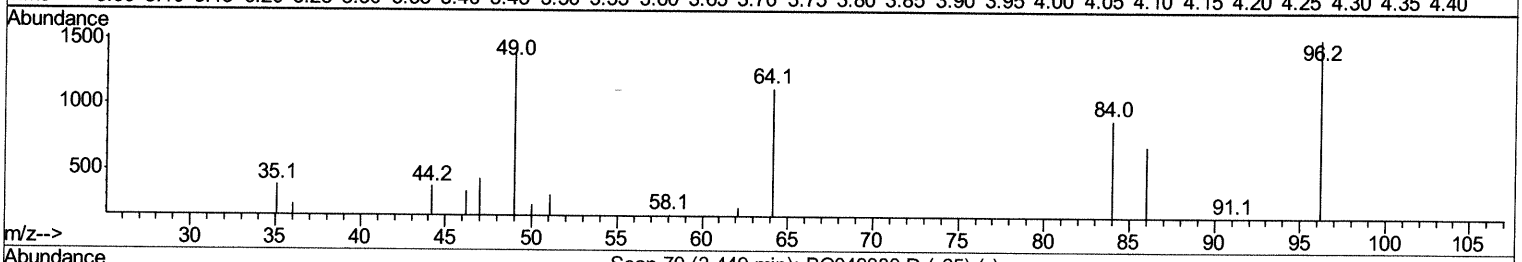

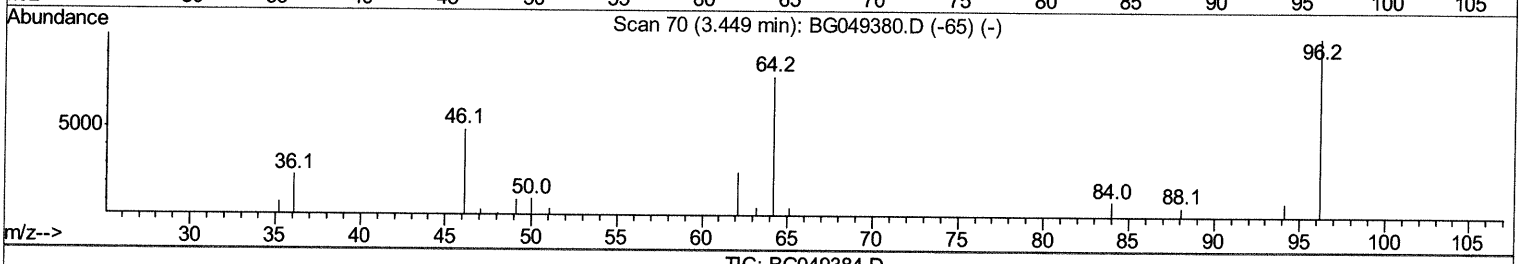

TIC: BG049384.D

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

3.449min (+0.006) 3.13ng/uL

response 1667

Ion	Exp%	Act%
96.00	100	100
64.00	80.10	74.44
34.00	0.00	0.00
0.00	0.00	0.00

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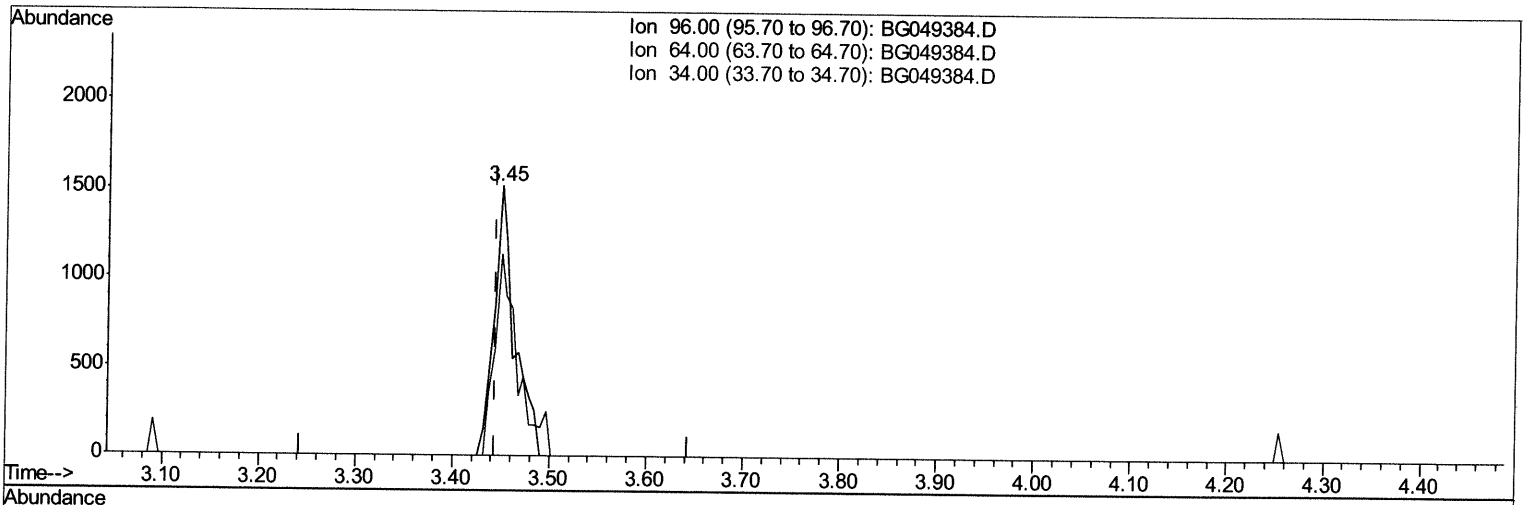

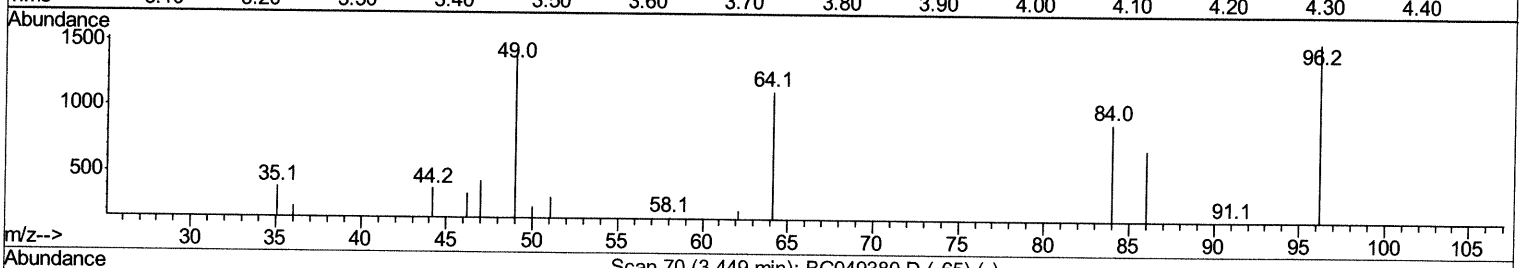

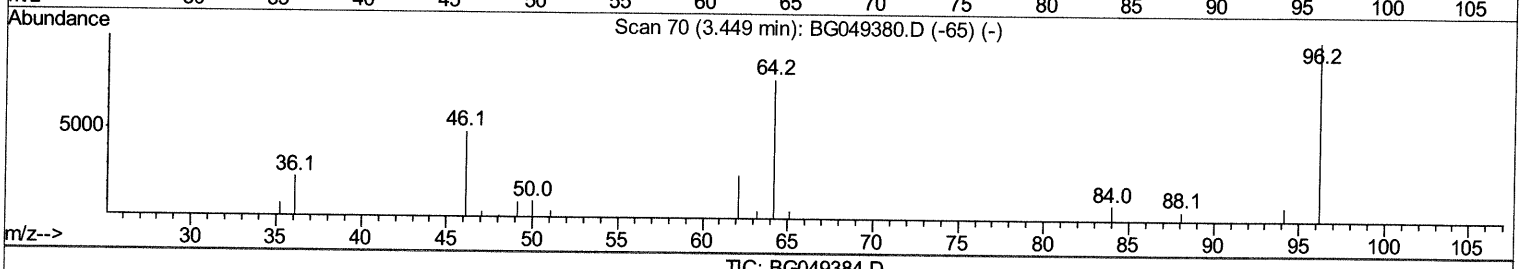

TIC: BG049384.D

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

3.449min (+0.006) 4.19ng/uL m 07/22/21 JJ

response 2229

Ion	Exp%	Act%
96.00	100	100
64.00	80.10	74.44
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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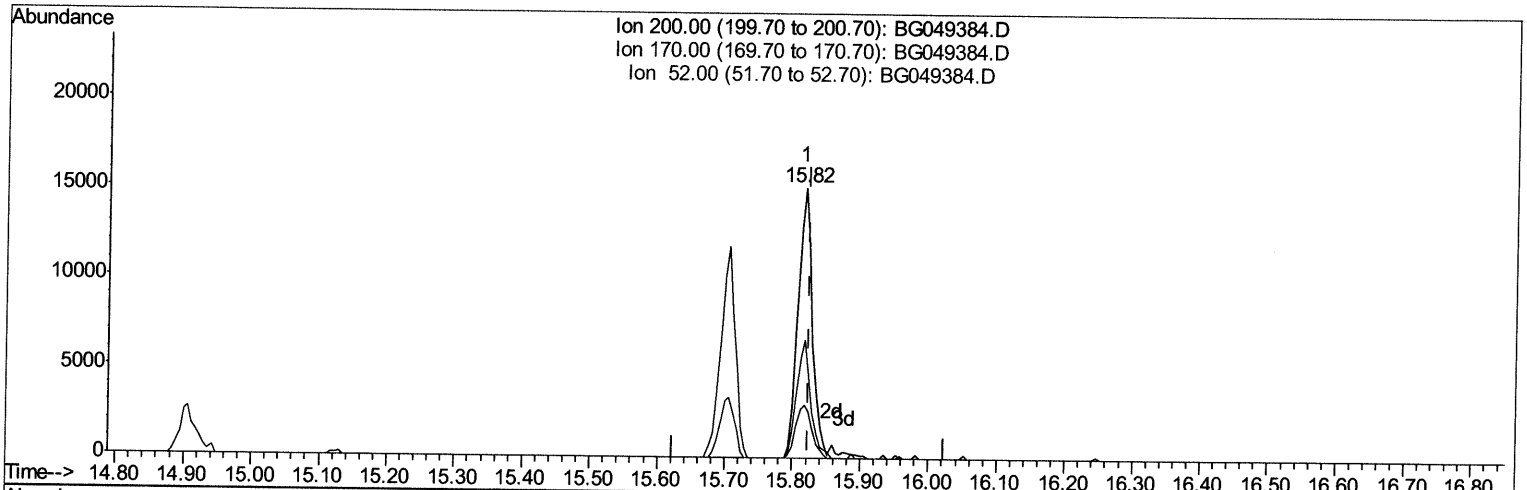

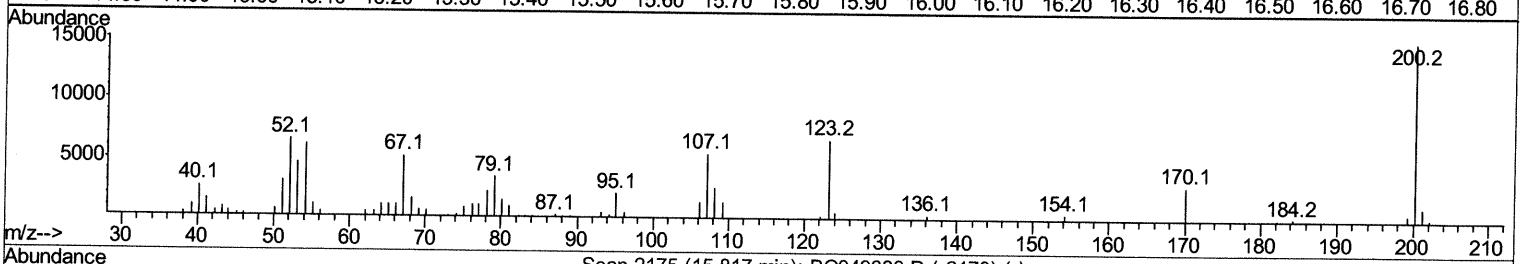

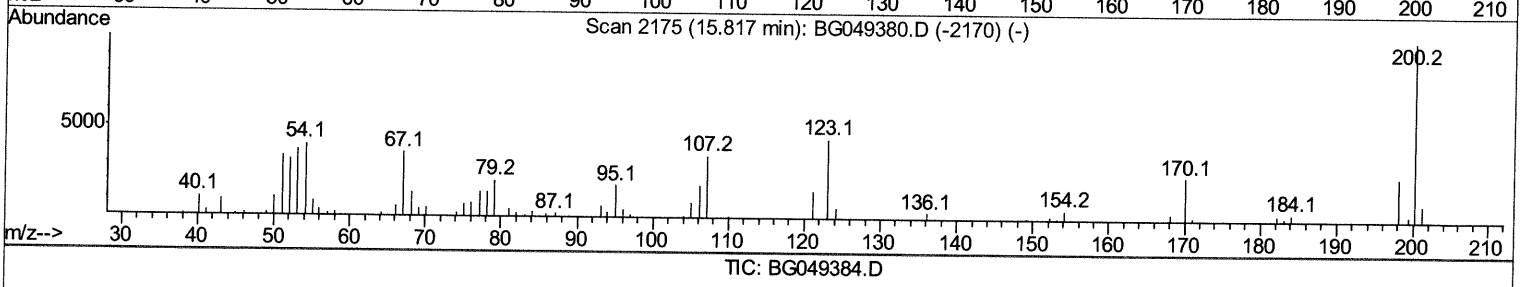

TIC: BG049384.D

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

15.817min (-0.006) 19.03ng/ul

response 22346

Ion	Exp%	Act%
200.00	100	100
170.00	20.20	19.52
52.00	56.20	43.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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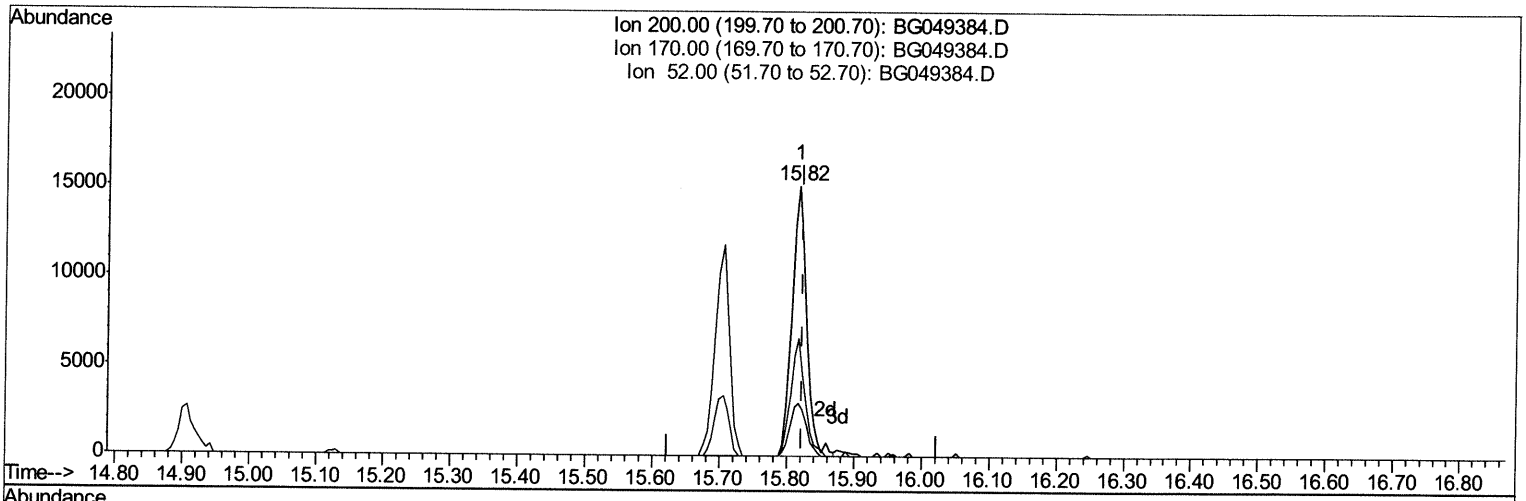

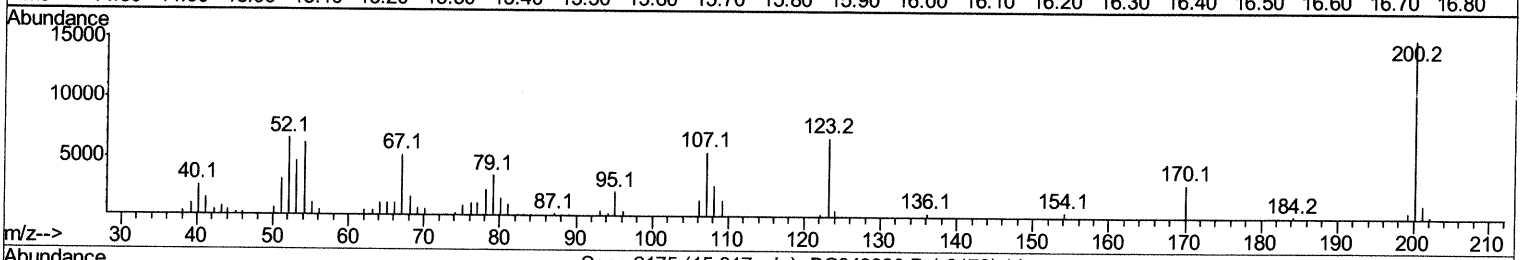

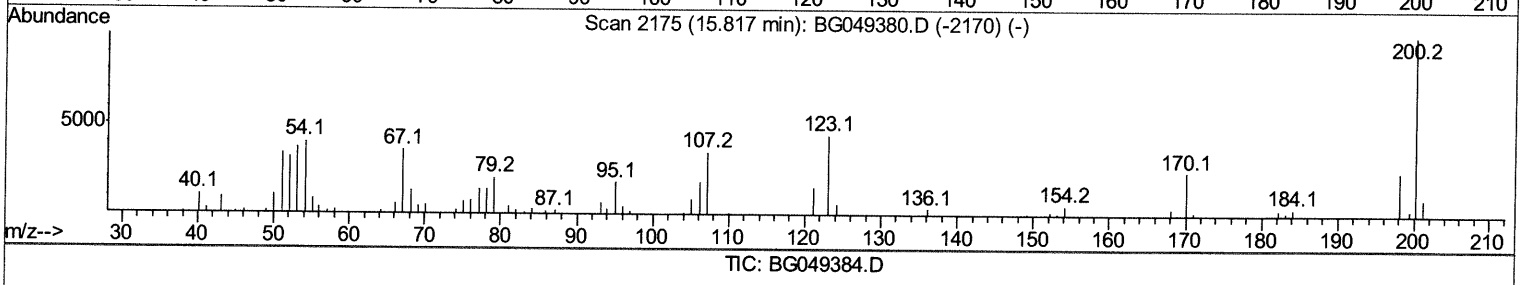

TIC: BG049384.D

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

15.817min (-0.006) 19.40ng/ul m 07/22/21 JU

response 22787

Ion	Exp%	Act%
200.00	100	100
170.00	20.20	19.52
52.00	56.20	43.70#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
7/19/2021 11:53:35 AM

Quant Time: Jul 17 01:09:53 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25046	20.00	ng/ul	0.00
20) Naphthalene-d8	10.88	136	104985	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.71	164	77230	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	184790	20.00	ng/ul	0.00
79) Chrysene-d12	21.74	240	193156	20.00	ng/ul	0.00
88) Perylene-d12	25.03	264	198391	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	2229m	> 4.19	ng/uL	> 0.00 07/22/21 JU
4) Pyridine-d5	3.88	84	16047	10.25	ng/ul	0.00
7) Phenol-d5	7.22	99	51246	23.52	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.38	67	33339	26.38	ng/ul	0.00
11) 2-Chlorophenol-d4	7.59	132	42222	26.22	ng/ul	0.00
15) 4-Methylphenol-d8	8.77	113	44623	25.56	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	22961	28.50	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	27103	29.31	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.50	165	47681	26.42	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	61851	26.30	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	182287	30.69	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	187075	26.84	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	22180	22.56	ng/ul	0.00
60) Fluorene-d10	15.71	176	144295	28.69	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	22787m	> 19.40	ng/ul	> 0.00 07/22/21 JU
73) Anthracene-d10	17.56	188	243922	28.99	ng/ul	0.00
81) Pyrene-d10	19.85	212	238758	24.12	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.80	264	202247	19.61	ng/ul	0.00
Target Compounds						Qvalue
80) Fluoranthene	19.51	202	18233	1.584	ng/ul	98
82) Pyrene	19.87	202	12049	1.050	ng/ul#	95
85) Benzo(a)anthracene	21.73	228	15449	1.301	ng/ul	99

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