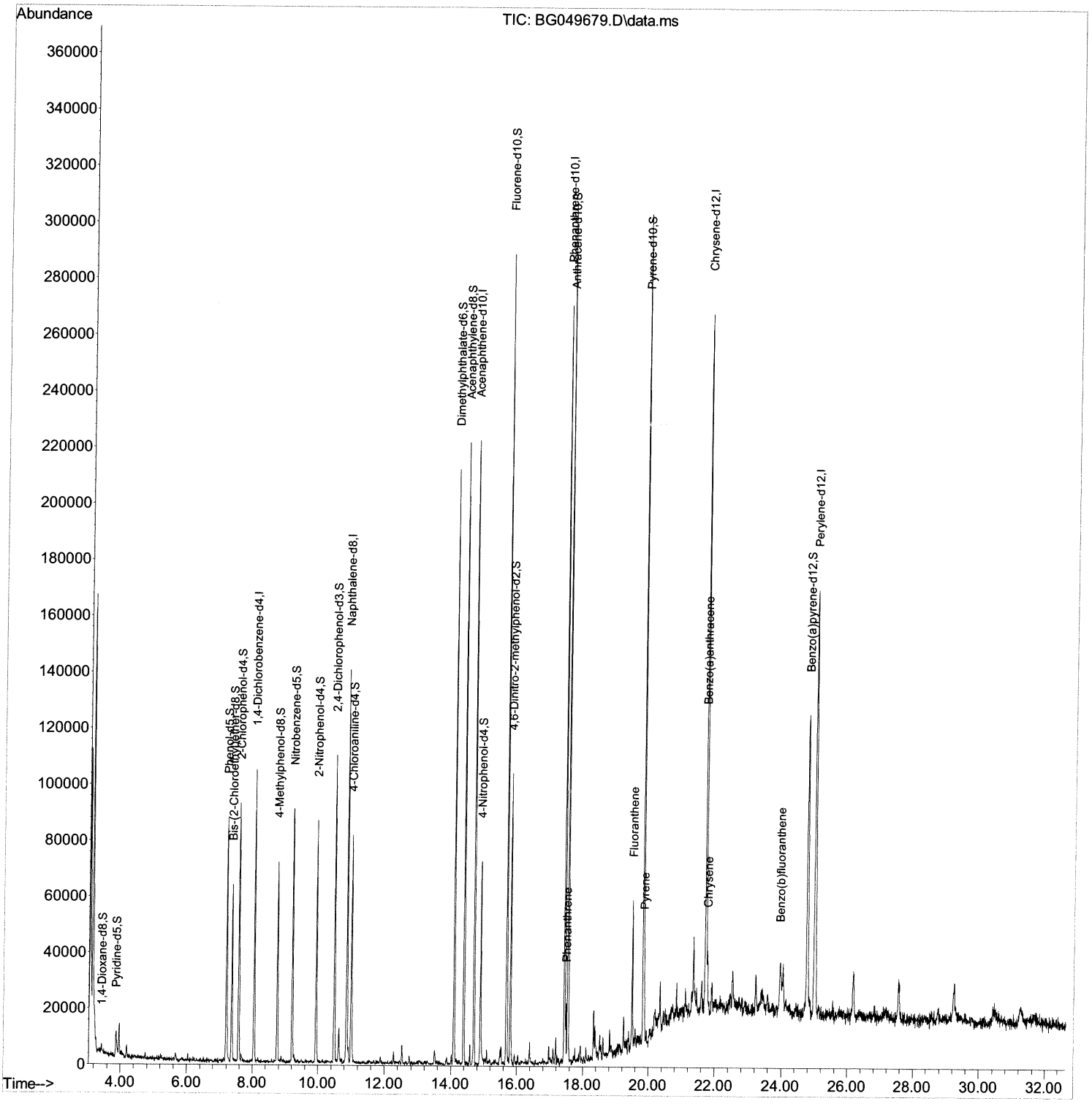
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049679.D
Acq On : 6 Aug 2021 17:05
Operator : CG/JU
Sample : M3124-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 06 17:45:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0090

Manual Integrations APPROVED
mohammad
8/9/2021 12:09:07 PM



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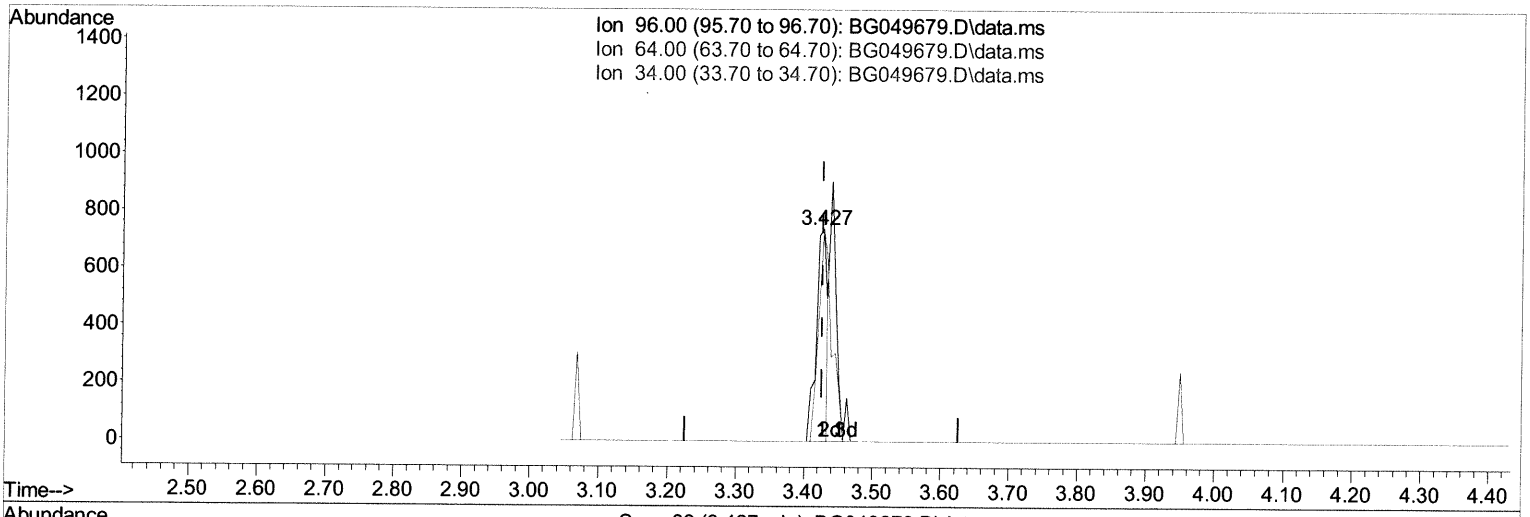

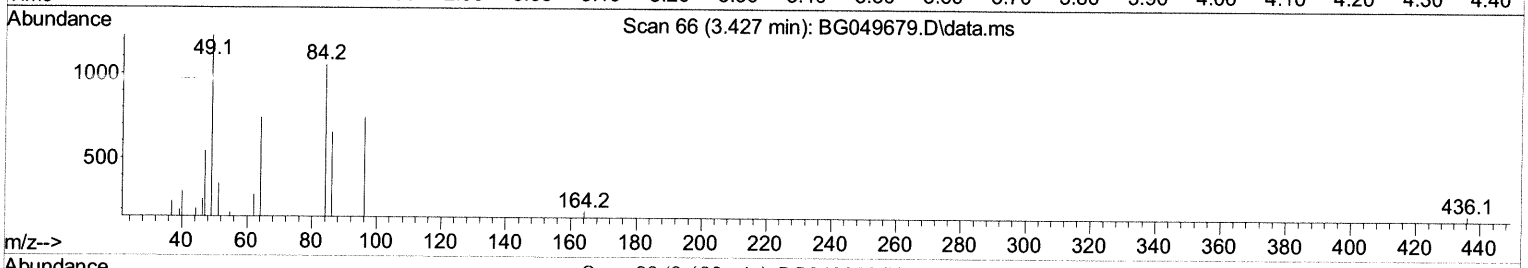

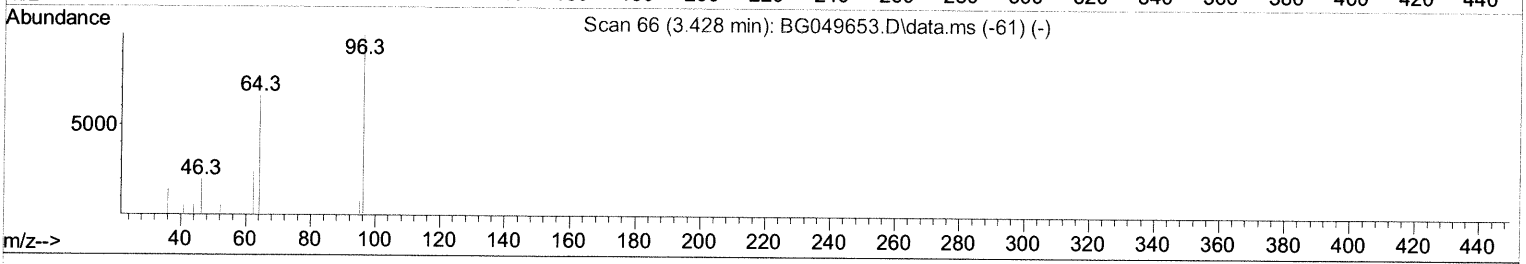

TIC: BG049679.D\data.ms

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

3.427min (+ 0.001) 1.41 ng/uL

response 830

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	100.27#
34.00	0.00	0.00
0.00	0.00	0.00

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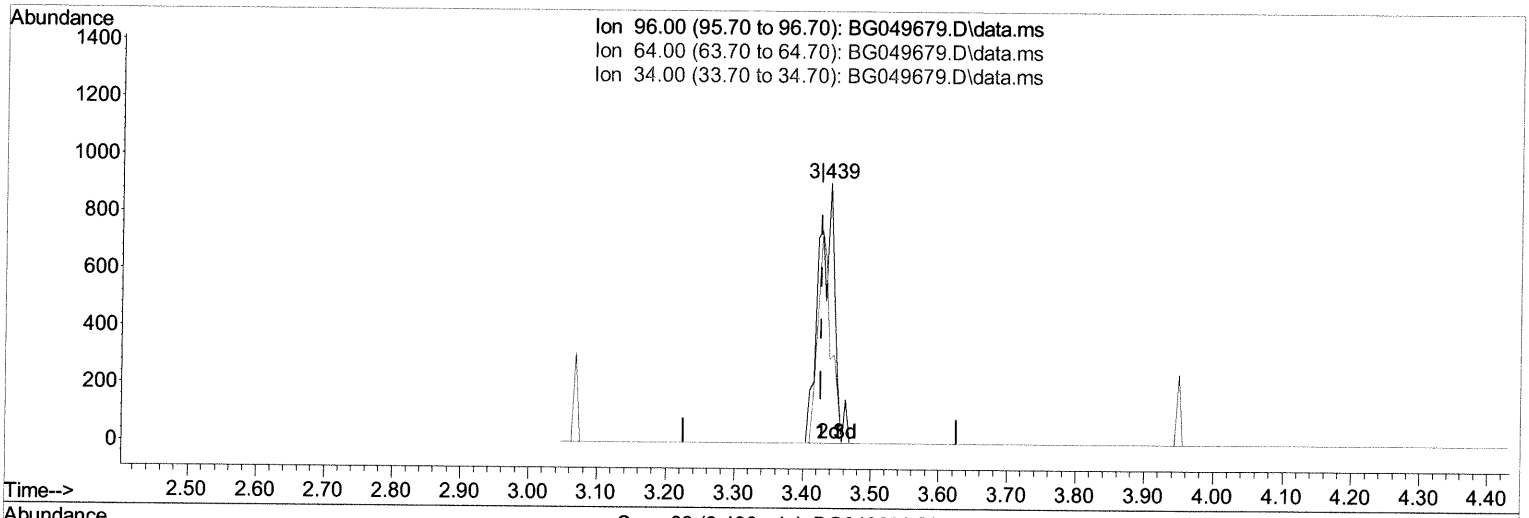

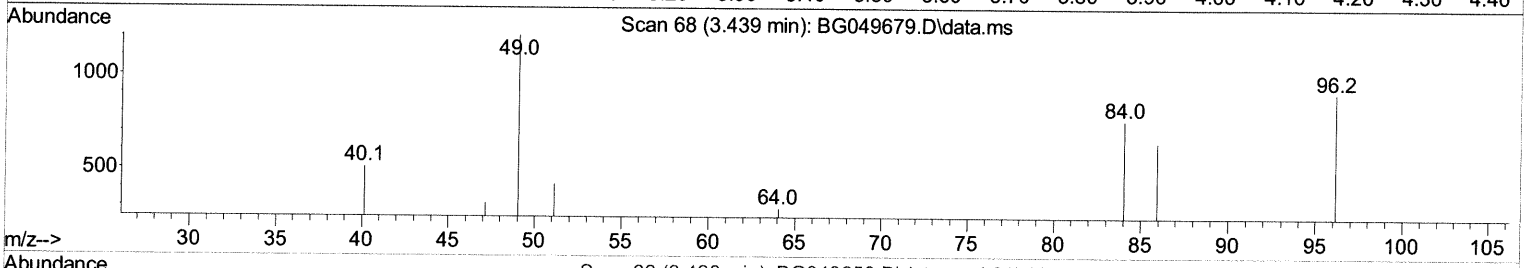

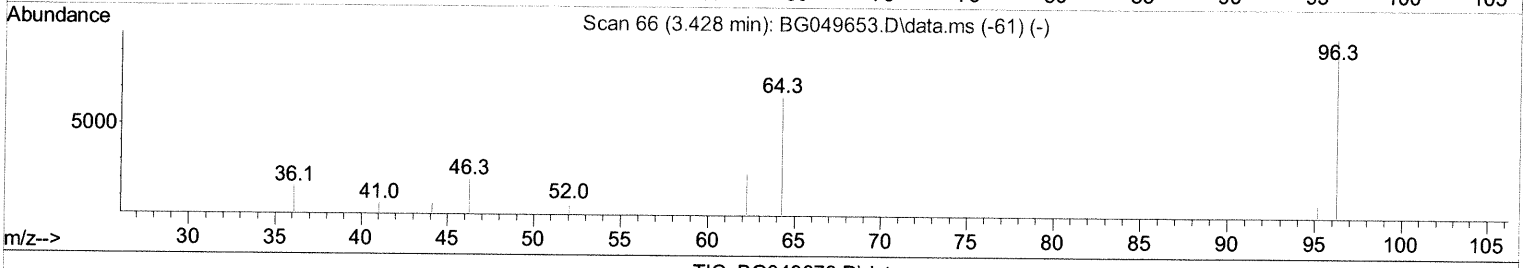

TIC: BG049679.D\data.ms

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

3.439min (+ 0.013) 2.38 ng/uL m 08/11/21 JU

response 1397

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	32.20#
34.00	0.00	0.00
0.00	0.00	0.00

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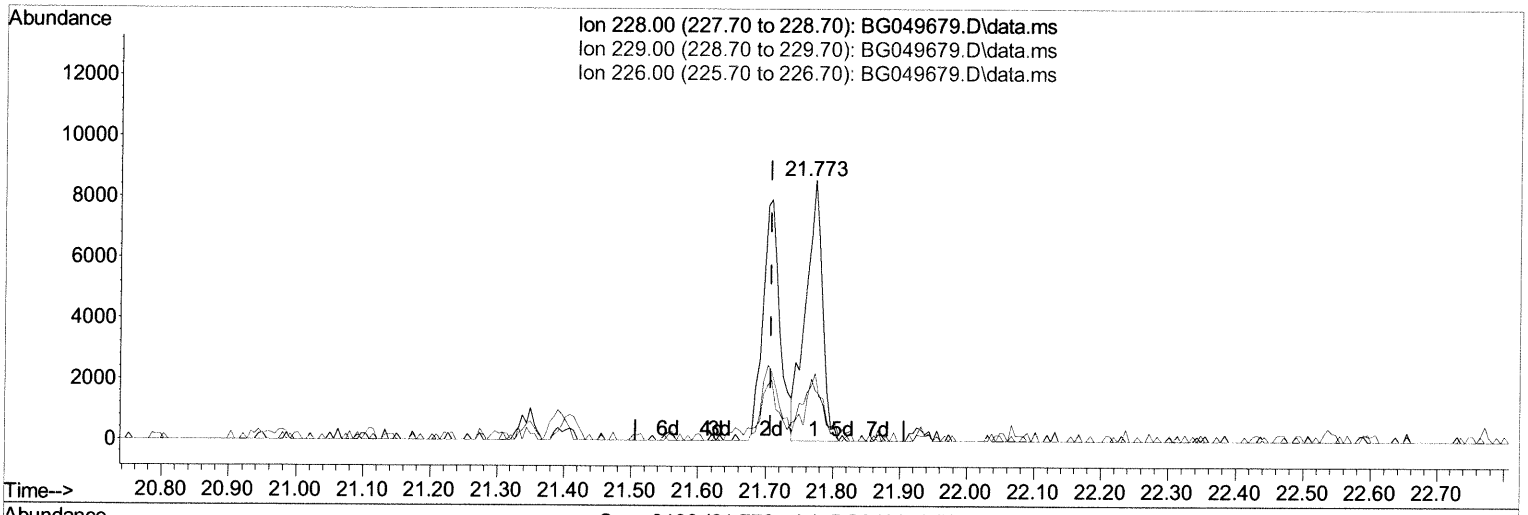

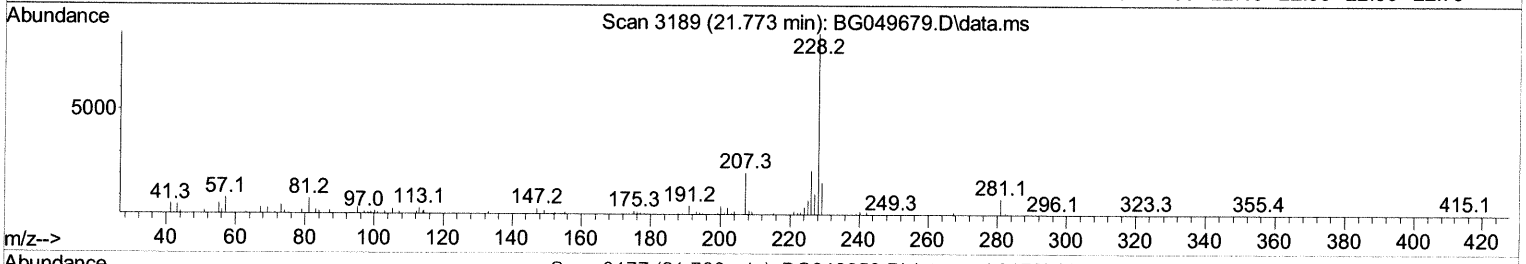

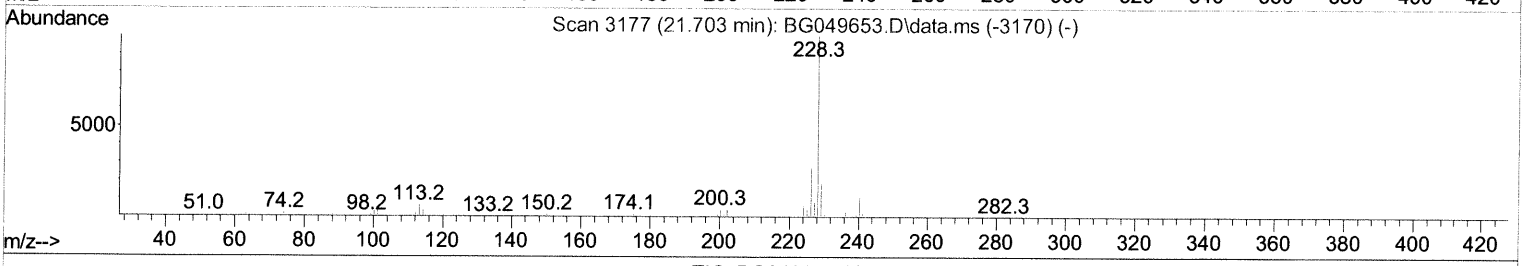

TIC: BG049679.D\data.ms

(85) Benzo(a)anthracene

21.773min (+ 0.066) 1.52 ng/ul

response 14948

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.10	19.19
226.00	26.30	25.78
0.00	0.00	0.00

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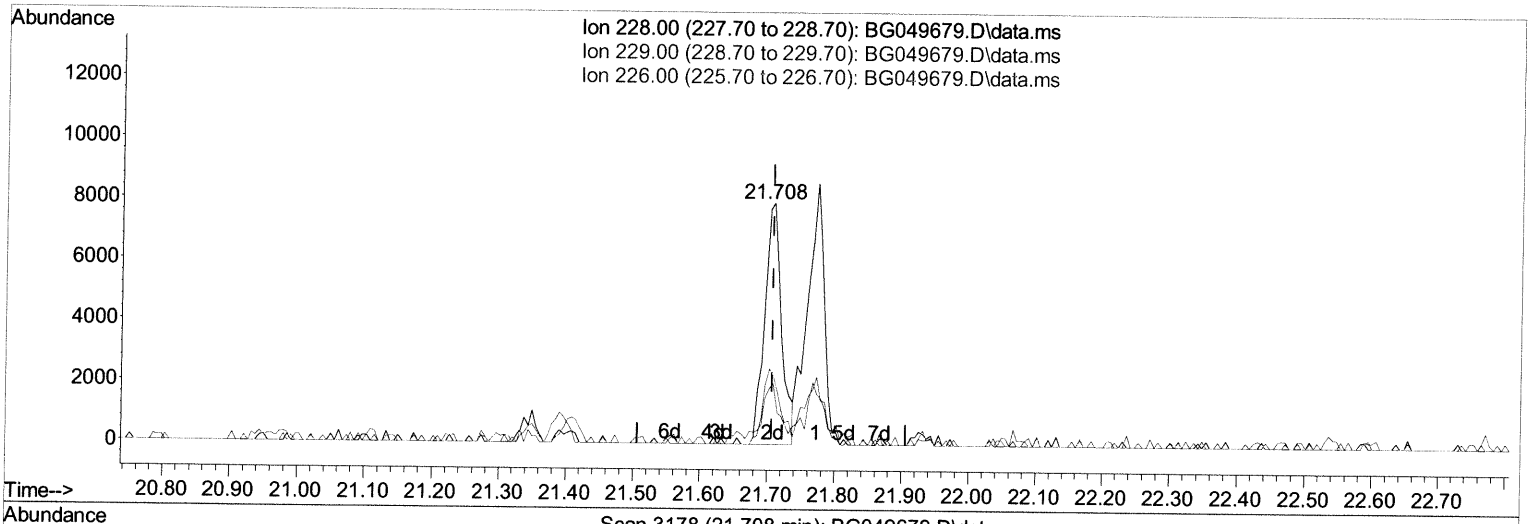

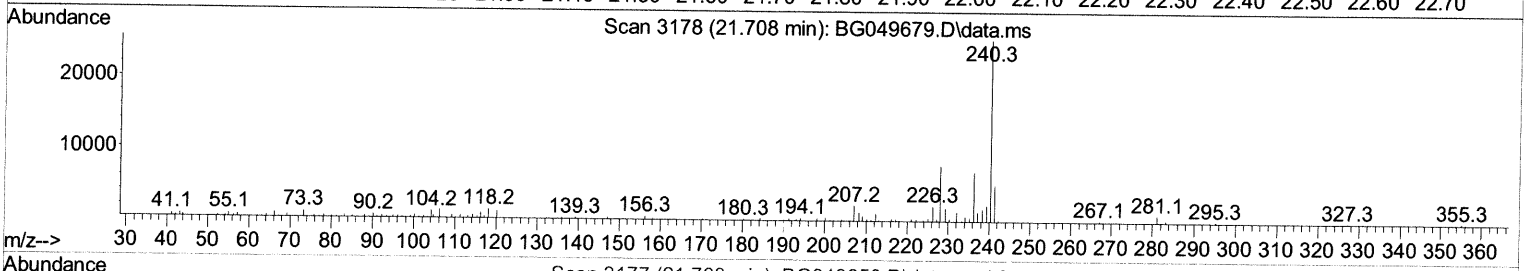

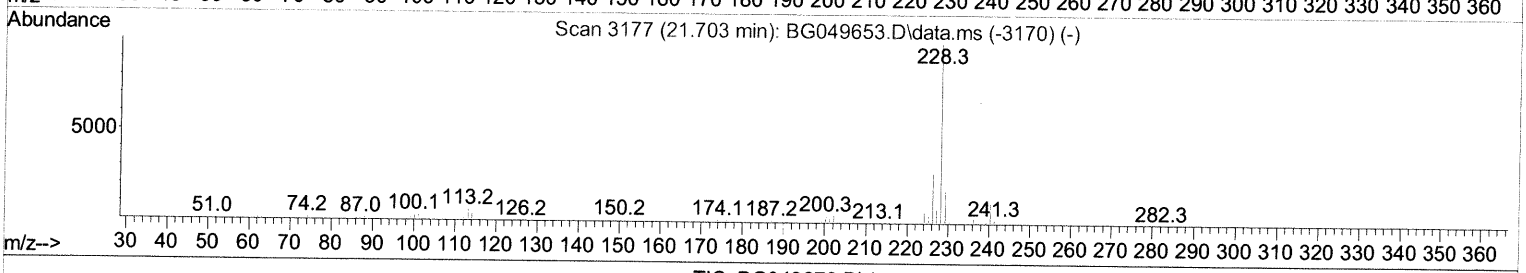

TIC: BG049679.D\data.ms

(85) Benzo(a)anthracene

21.708min (+ 0.001) 1.42 ng/ul m 08/11/21 JU

response 13980

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.10	25.27#
226.00	26.30	28.47
0.00	0.00	0.00

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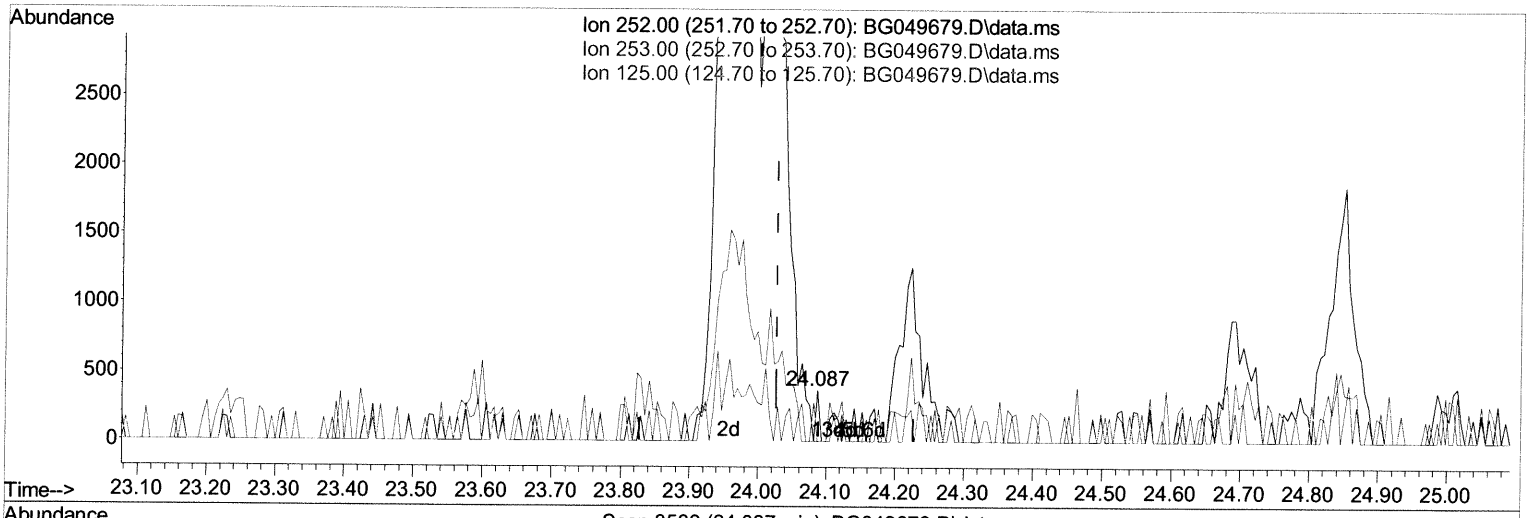

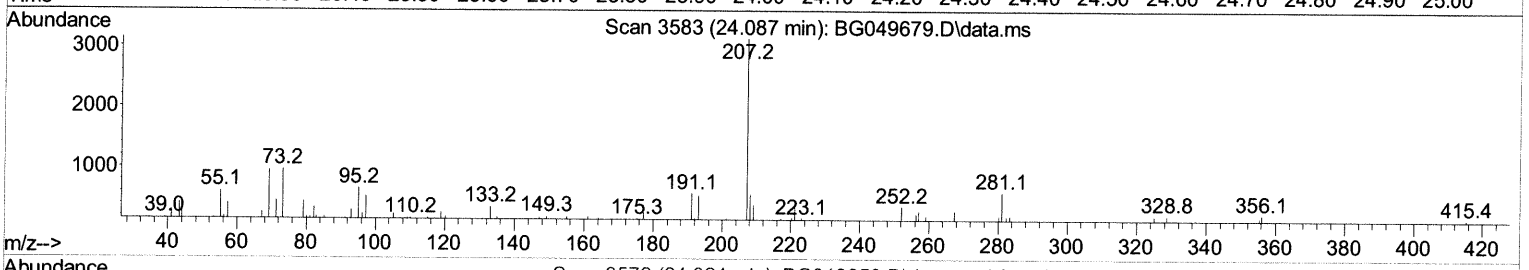

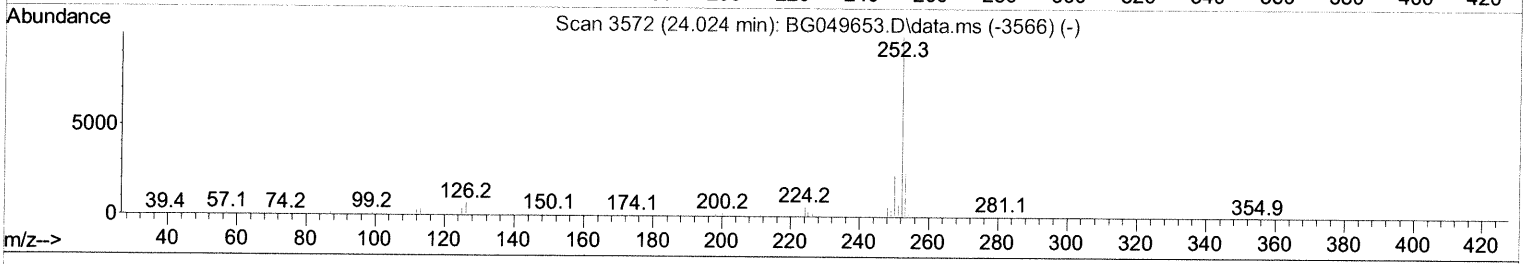

TIC: BG049679.D\data.ms

(91) Benzo(k)fluoranthene

24.087min (+ 0.060) 0.01 ng/ul

response 130

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	0.00#
125.00	4.80	0.00#
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	8.044	152	27457	20.000	ng/ul	0.00
20) Naphthalene-d8	10.864	136	109865	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.694	164	76112	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.443	188	163018	20.000	ng/ul	0.00
79) Chrysene-d12	21.726	240	149681	20.000	ng/ul	# 0.00
88) Perylene-d12	25.004	264	153364	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	1397m	> 2.379	ng/uL	> 0.01 08/11/21 JU
4) Pyridine-d5	3.868	84	5183	2.941	ng/ul	0.02
7) Phenol-d5	7.199	99	50197	20.144	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	31439	21.965	ng/ul	0.00
11) 2-Chlorophenol-d4	7.574	132	39217	21.989	ng/ul	0.00
15) 4-Methylphenol-d8	8.749	113	25851	13.606	ng/ul	0.00
21) Nitrobenzene-d5	9.213	128	20409	23.583	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	24228	24.514	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.482	165	38290	20.546	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	41204	16.151	ng/ul	0.00
46) Dimethylphthalate-d6	14.095	166	134957	22.595	ng/ul	0.00
49) Acenaphthylene-d8	14.389	160	153090	21.543	ng/ul	0.00
54) 4-Nitrophenol-d4	14.894	143	16575	17.163	ng/ul	0.00
60) Fluorene-d10	15.687	176	115184	22.435	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	21452	19.552	ng/ul	0.00
73) Anthracene-d10	17.543	188	172071	22.361	ng/ul	0.00
81) Pyrene-d10	19.828	212	164487	19.945	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.781	264	122691	14.600	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.490	178	13731	1.591	ng/ul	96
80) Fluoranthene	19.500	202	31193	3.065	ng/ul#	96
82) Pyrene	19.858	202	15293	1.506	ng/ul#	95
85) Benzo(a)anthracene	21.708	228	13980m	> 1.423	ng/ul	> 08/11/21 JU
87) Chrysene	21.773	228	14948	1.629	ng/ul	94
90) Benzo(b)fluoranthene	23.958	252	20834	2.078	ng/ul#	93

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