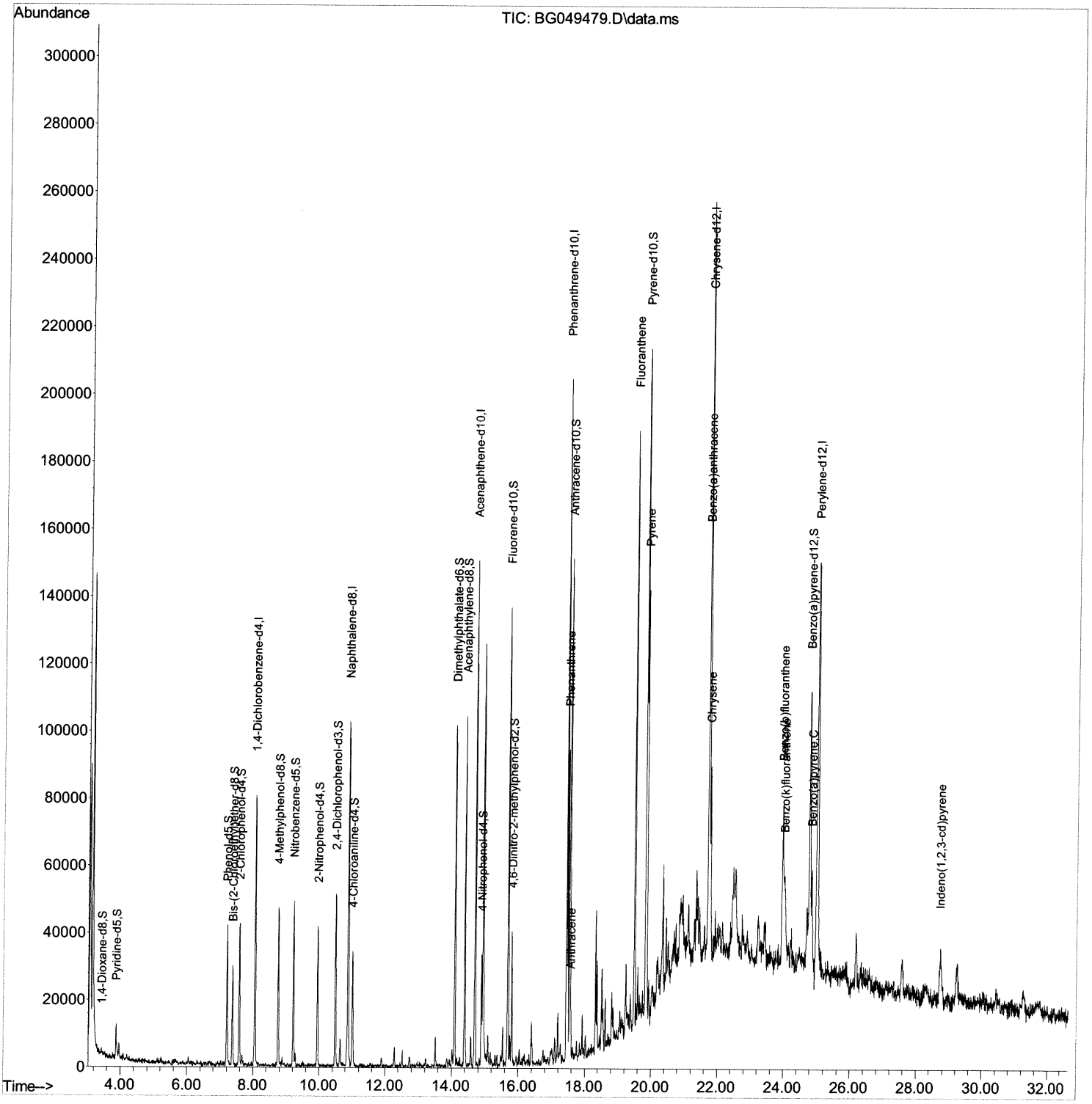
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049479.D
Acq On : 26 Jul 2021 15:13
Operator : CG/JU
Sample : M3082-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 26 16:34:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0008

Manual Integrations APPROVED
mohammad
7/27/2021 12:06:34 PM



Quantitation Report (Qedit)

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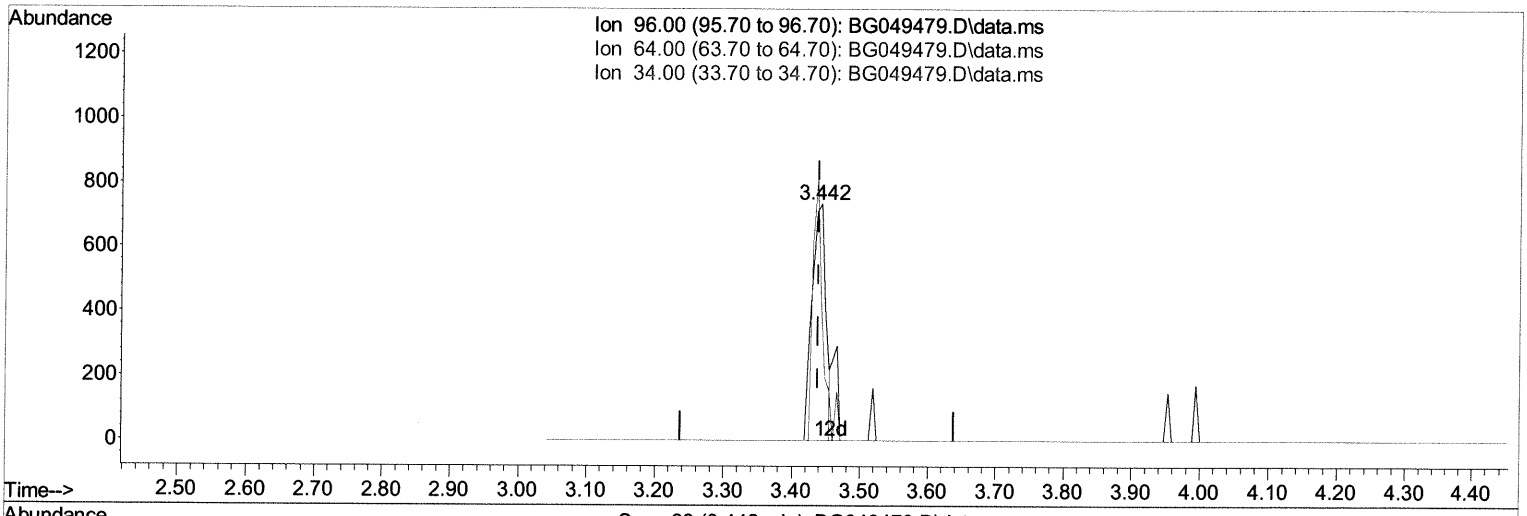

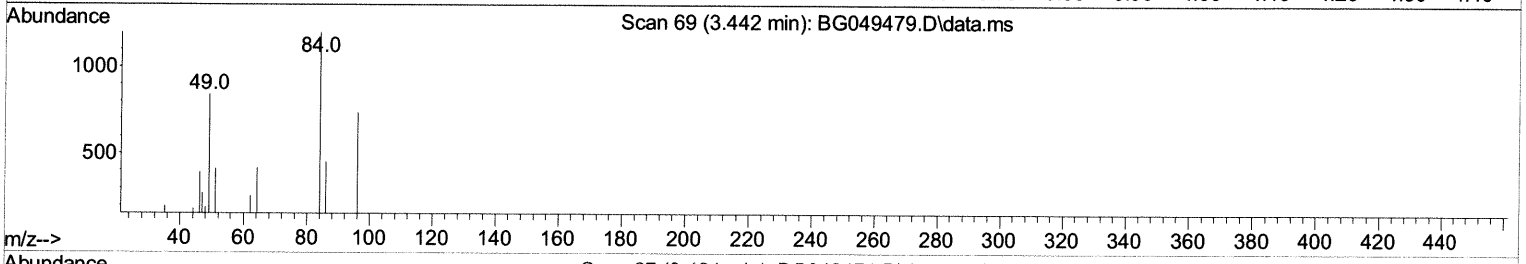

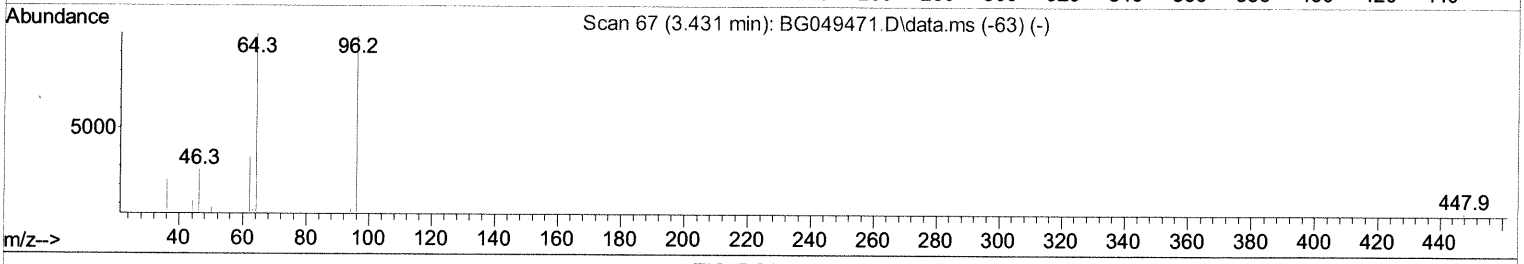

TIC: BG049479.D\data.ms

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

3.442min (+ 0.004) 2.27 ng/uL

response 1027

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	56.25
34.00	0.00	0.00
0.00	0.00	0.00

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mohammad
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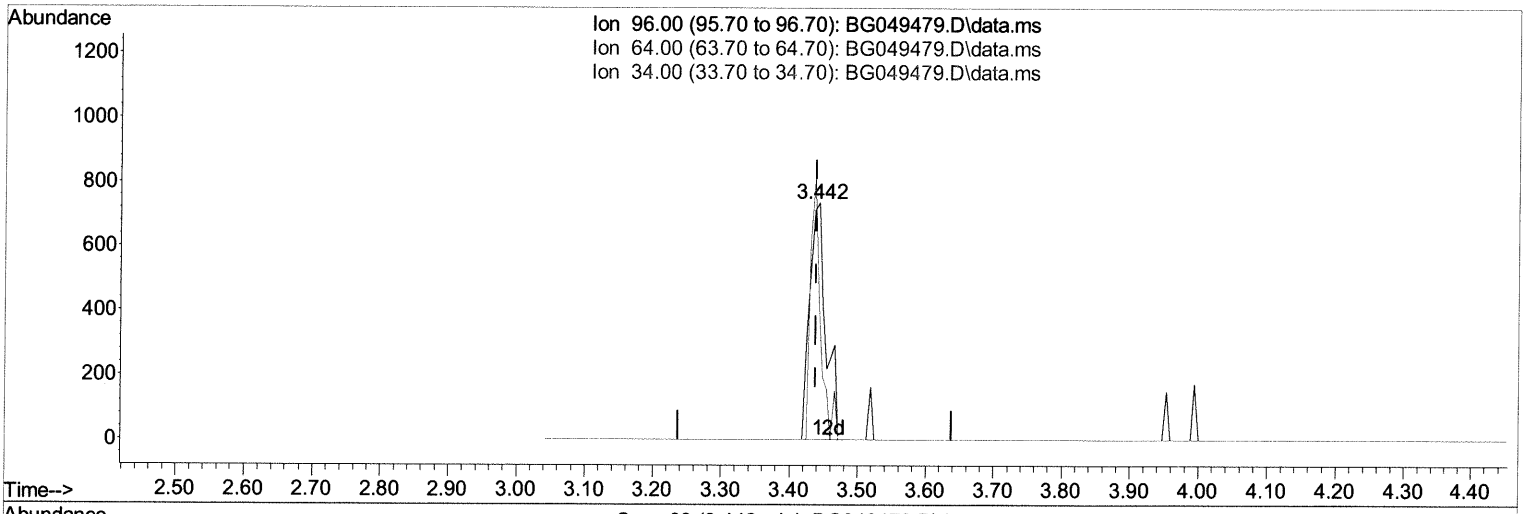

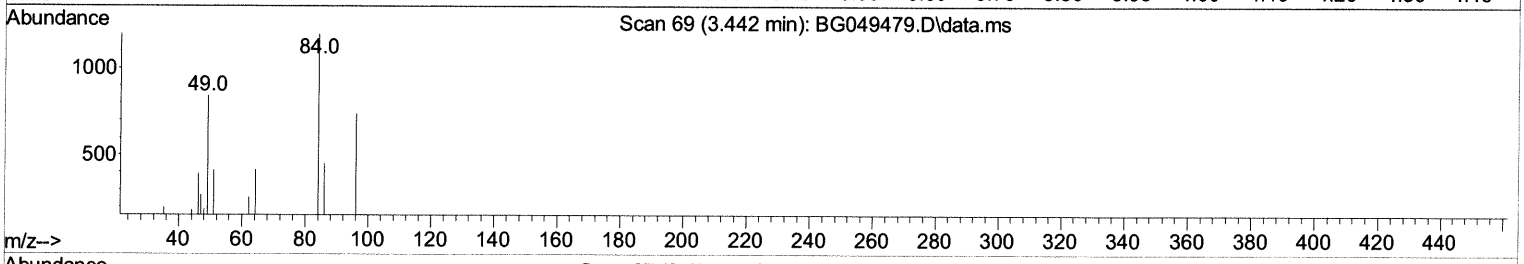

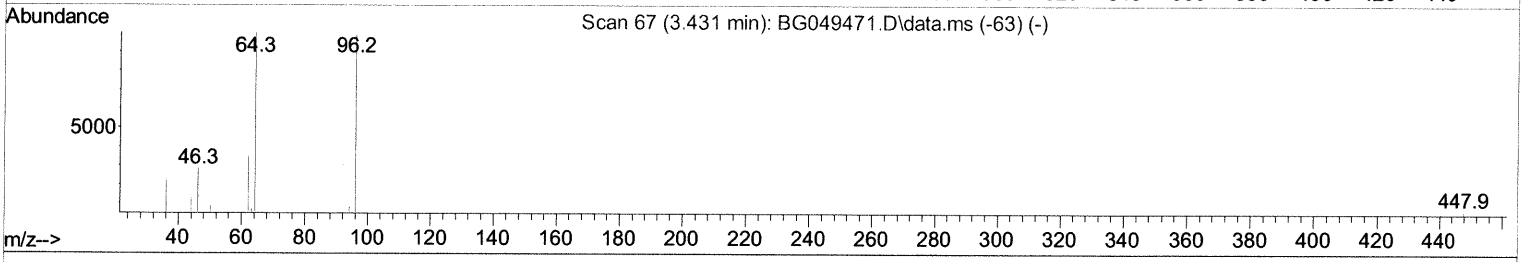

TIC: BG049479.D\data.ms

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

3.442min (+ 0.004) 2.69 ng/uL m 07/29/21 JU

response 1219

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	56.25
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
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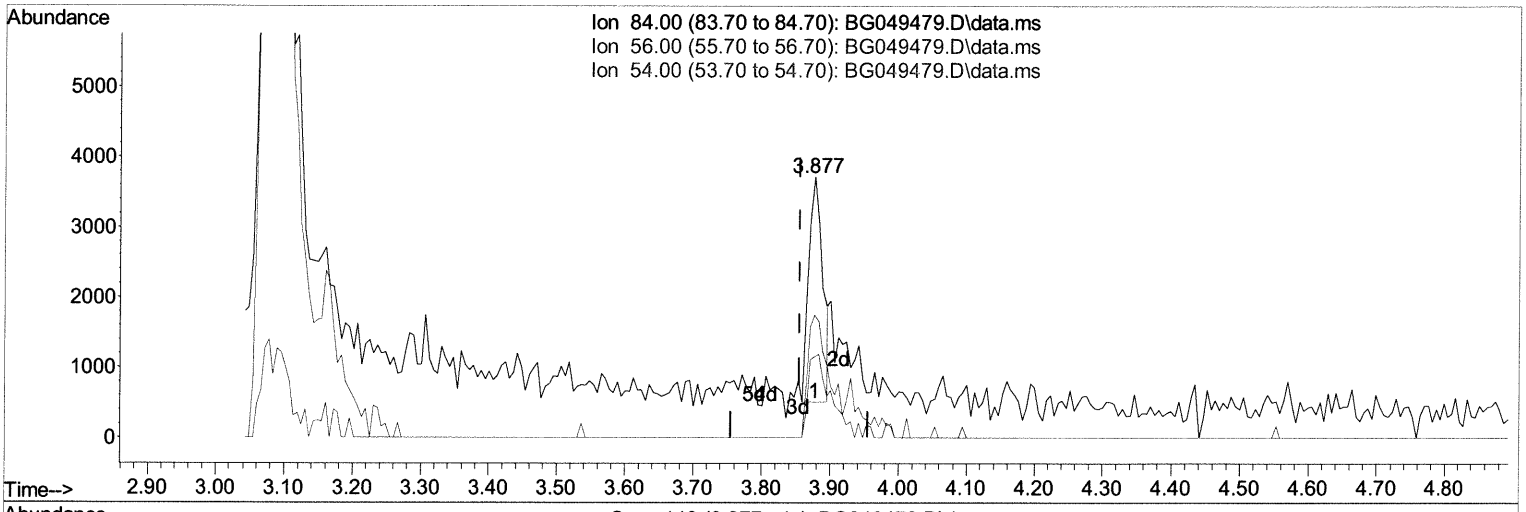

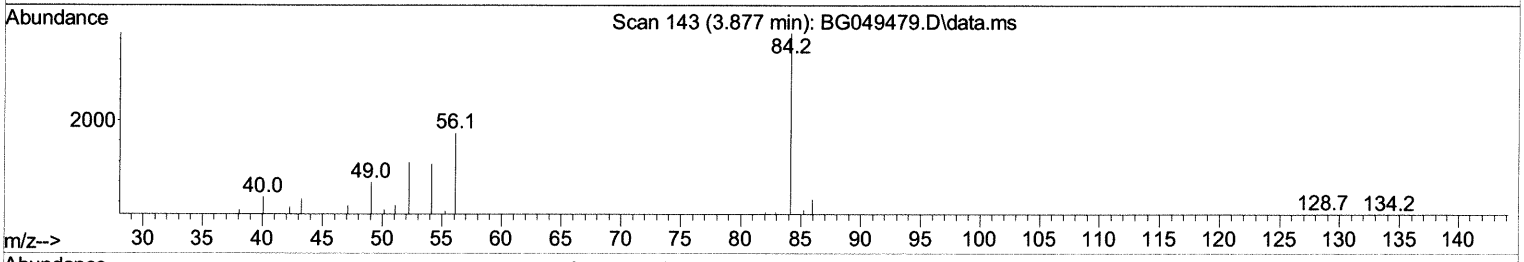

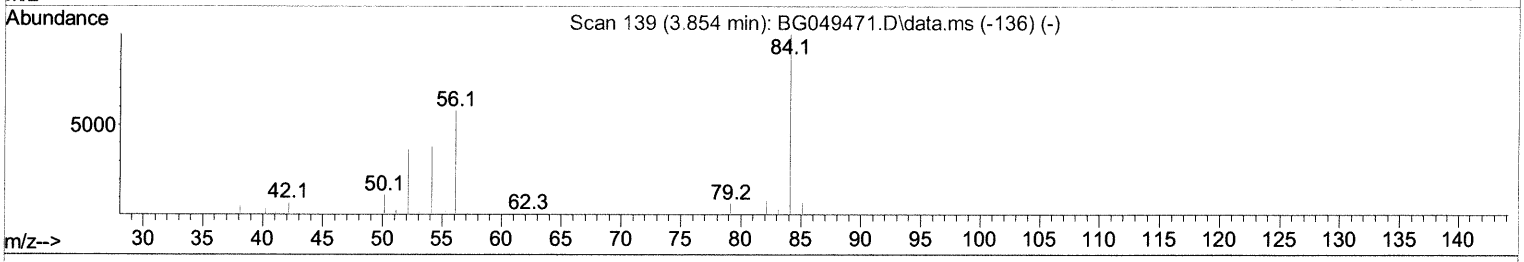

TIC: BG049479.D\data.ms

(4) Pyridine-d5 (S)

3.877min (+ 0.022) 3.48 ng/ul

response 4531

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	47.14
54.00	34.10	31.06
0.00	0.00	0.00

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BNA_G
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Manual Integrations APPROVED
mohammad
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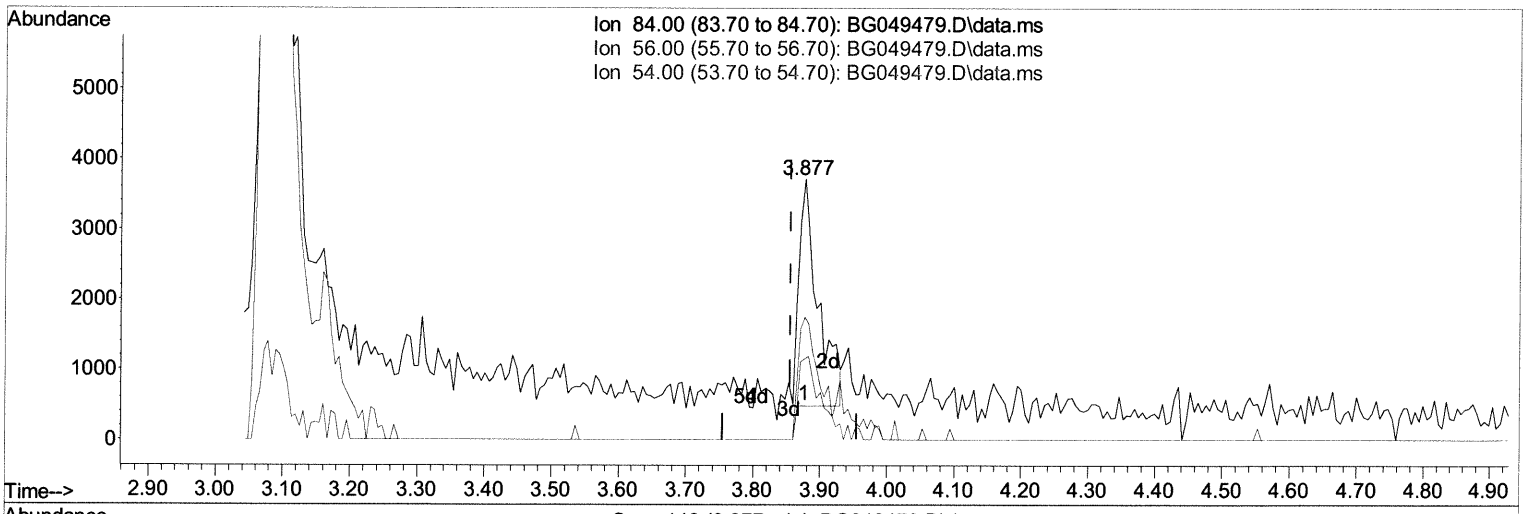

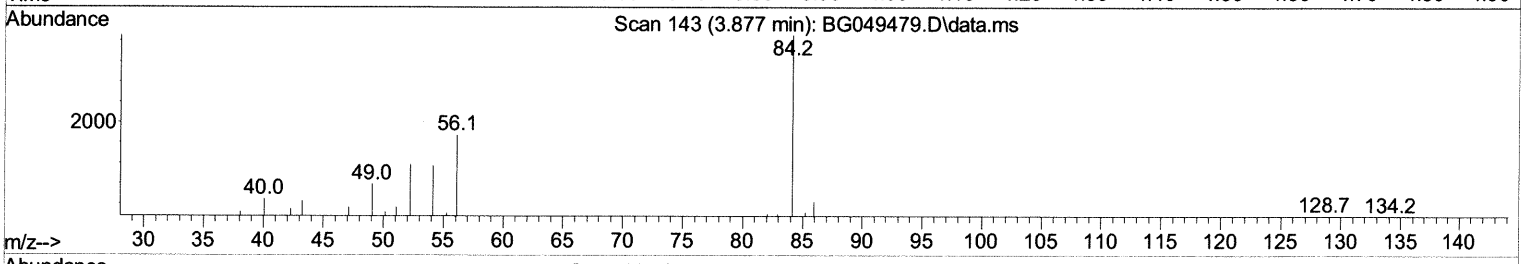

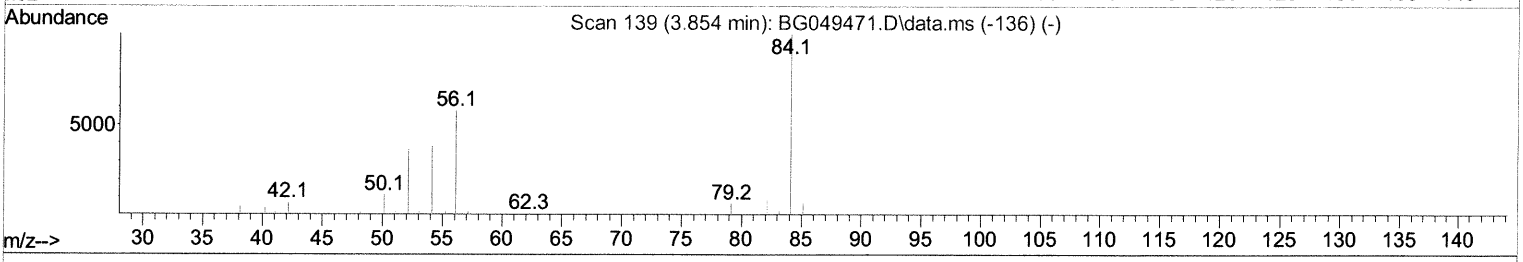

TIC: BG049479.D\data.ms

(4) Pyridine-d5 (S)

3.877min (+ 0.022) 4.94 ng/ul m 07/29/21 JU

response 6421

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	47.14
54.00	34.10	31.06
0.00	0.00	0.00

Quantitation Report (Qedit)

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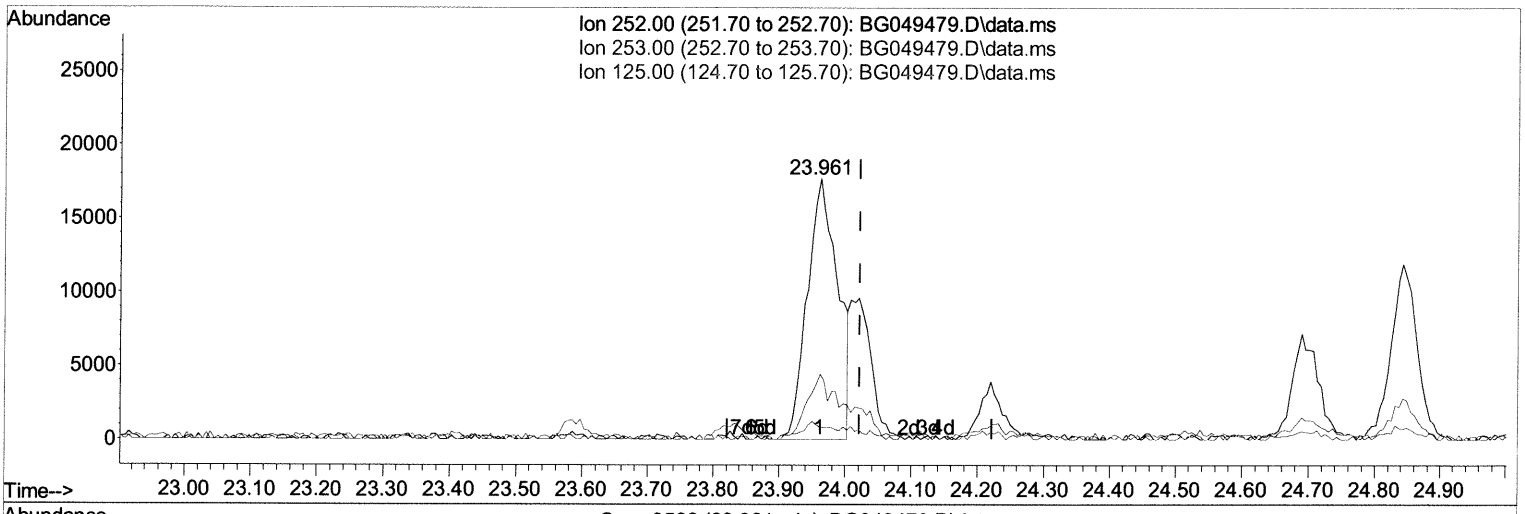

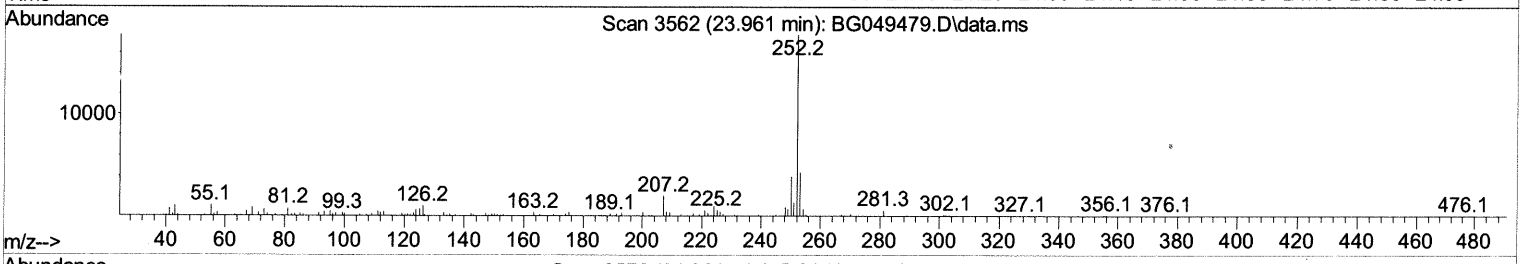

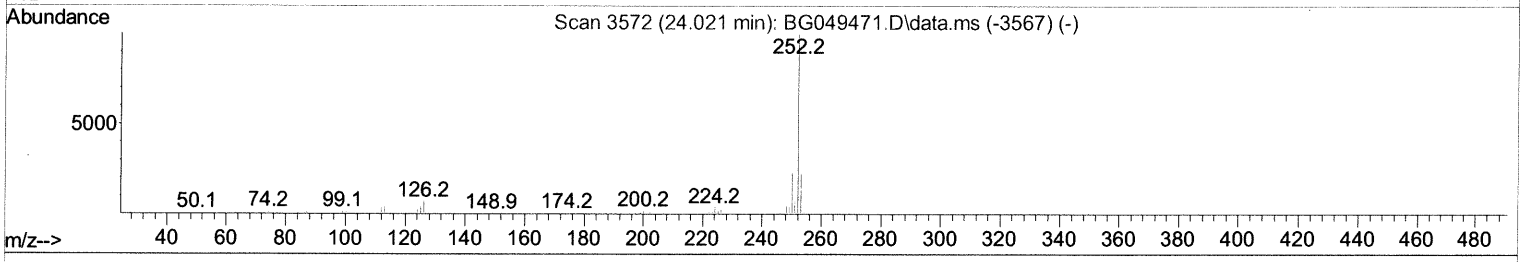

TIC: BG049479.D\data.ms

(91) Benzo(k)fluoranthene

23.961min (-0.060) 7.10 ng/ul

response 56234

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	24.88
125.00	5.80	4.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

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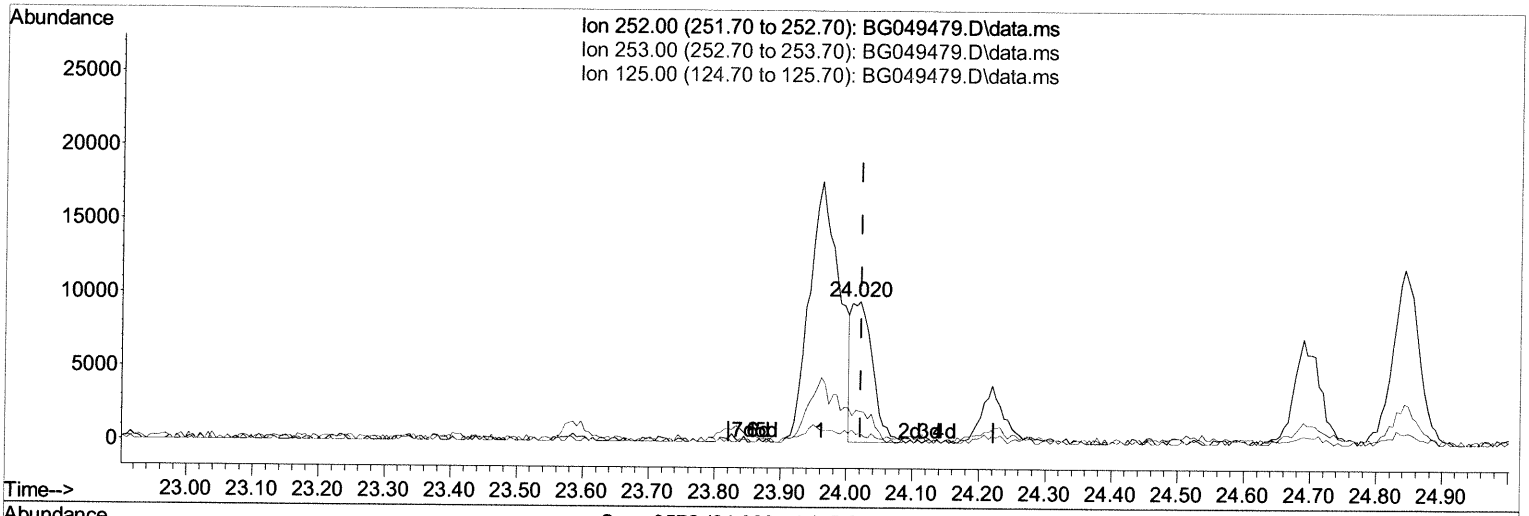

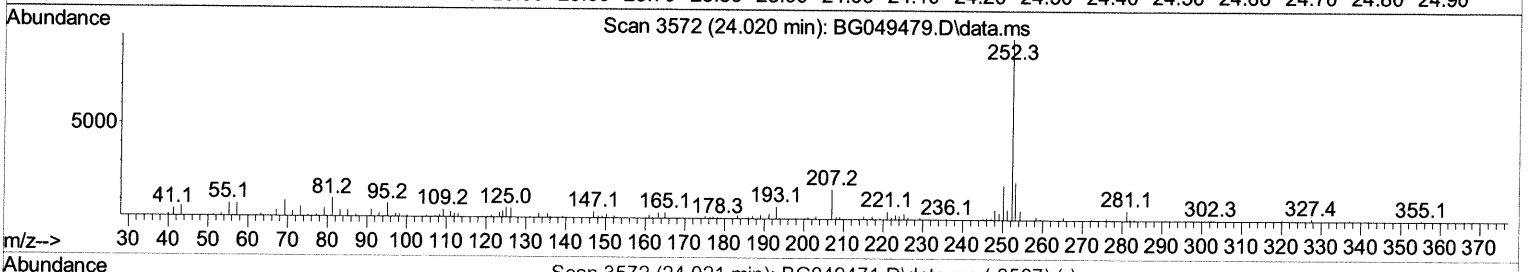

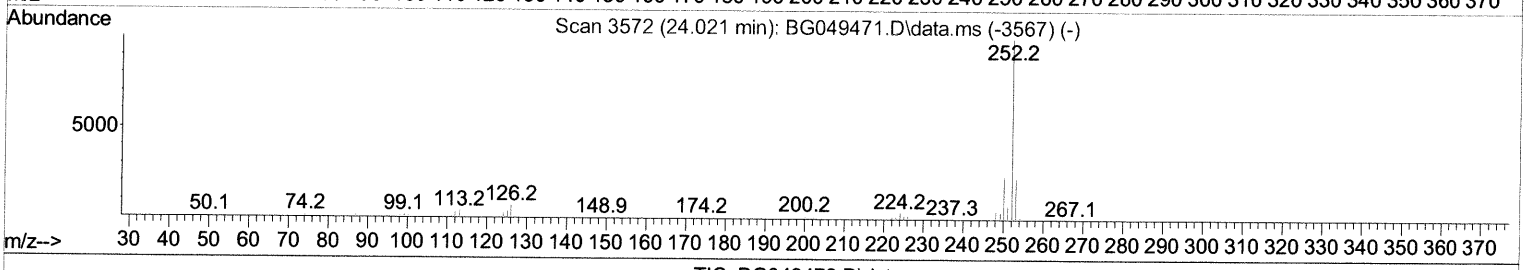

TIC: BG049479.D\data.ms

(91) Benzo(k)fluoranthene

24.020min (-0.002) 2.64 ng/ul m 07/29/21 JU

response 20904

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.95
125.00	5.80	6.87
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	8.048	152	20719	20.000	ng/ul	0.00
20) Naphthalene-d8	10.867	136	83766	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.697	164	55025	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	116570	20.000	ng/ul	0.00
79) Chrysene-d12	21.723	240	120782	20.000	ng/ul	0.00
88) Perylene-d12	25.001	264	129168	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.442	96	1219m	2.692	ng/uL	0.00
4) Pyridine-d5	3.877	84	6421m	4.936	ng/ul	0.02
7) Phenol-d5	7.202	99	23771	12.968	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.372	67	14831	14.285	ng/ul	0.00
11) 2-Chlorophenol-d4	7.578	132	18565	14.128	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	16425	11.887	ng/ul	0.00
21) Nitrobenzene-d5	9.217	128	10118	15.711	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	11605	15.377	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	18780	13.682	ng/ul	0.00
31) 4-Chloroaniline-d4	11.002	131	17537	9.168	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	63575	15.083	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	74228	15.162	ng/ul	0.00
54) 4-Nitrophenol-d4	14.891	143	7016	10.108	ng/ul	0.00
60) Fluorene-d10	15.690	176	57103	15.726	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	8656	11.983	ng/ul	0.00
73) Anthracene-d10	17.547	188	87140	16.084	ng/ul	0.00
81) Pyrene-d10	19.832	212	101940	16.506	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.772	264	89565	13.193	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.488	178	56273	9.273	ng/ul	98
74) Anthracene	17.582	178	11119	1.808	ng/ul	98
80) Fluoranthene	19.497	202	109097	14.548	ng/ul	98
82) Pyrene	19.861	202	77274	10.379	ng/ul	99
85) Benzo(a)anthracene	21.706	228	42030	5.692	ng/ul	96
87) Chrysene	21.770	228	40739	5.764	ng/ul	98
90) Benzo(b)fluoranthene	23.961	252	56234	6.946	ng/ul#	93
91) Benzo(k)fluoranthene	24.020	252	20904m	2.638	ng/ul	97
93) Benzo(a)pyrene	24.843	252	33240	4.733	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.737	276	23675	2.642	ng/ul#	95

07/29/21 JU

07/29/21 JU

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