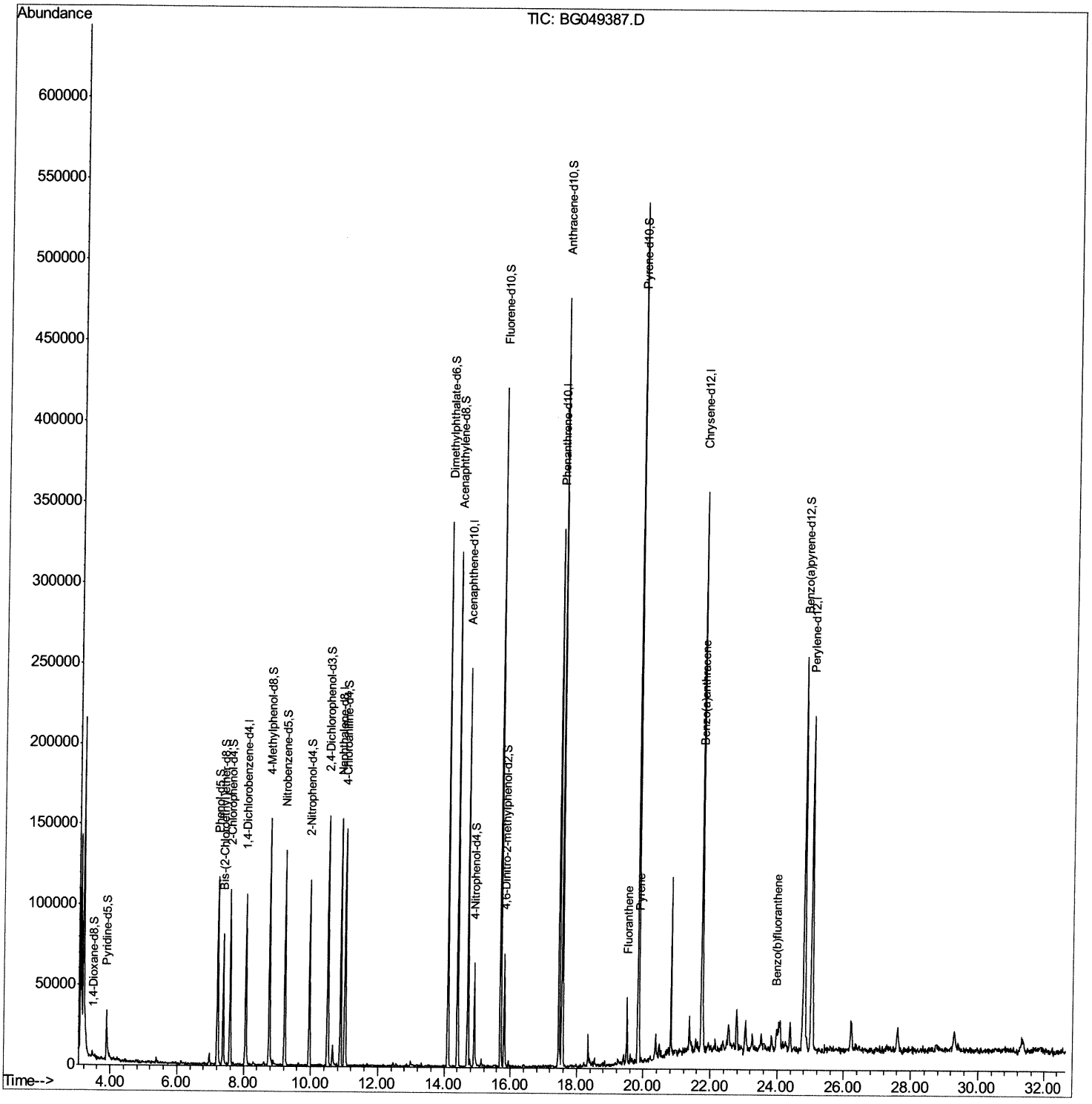
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049387.D
Acq On : 16 Jul 2021 20:56
Operator : CG/JU
Sample : M2970-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 17 01:29:52 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 :
BGED0

Manual Integrations APPROVED
mohammad
7/19/2021 11:53:46 AM



Quantitation Report (Qedit)

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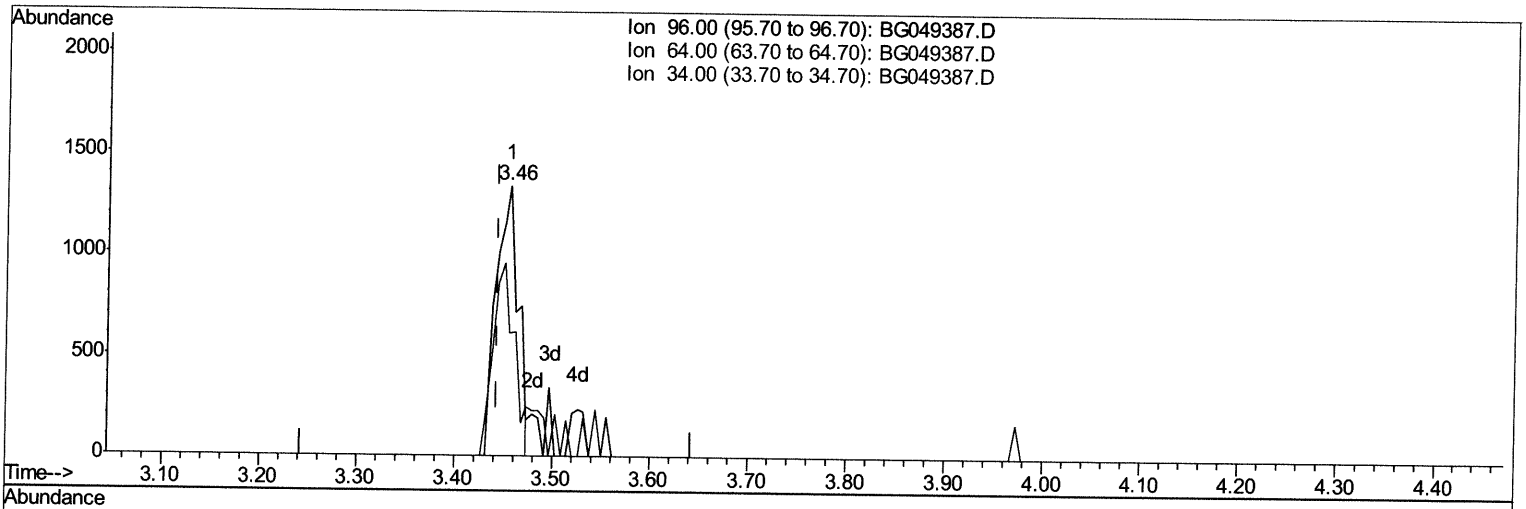

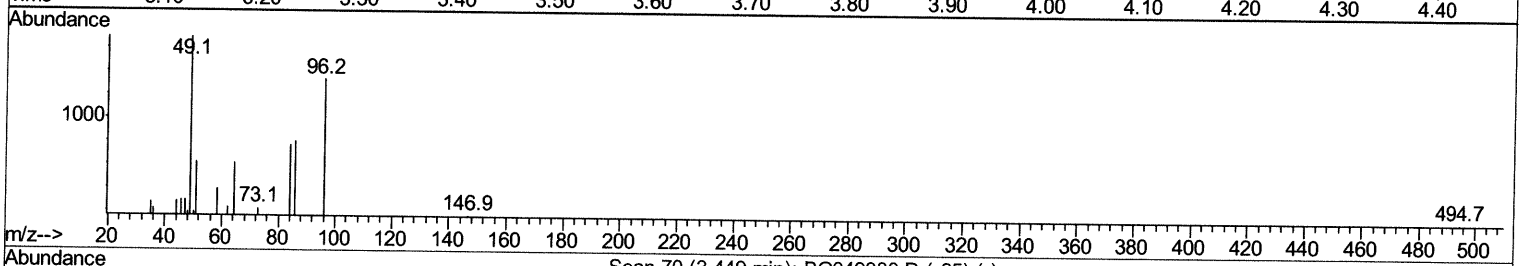

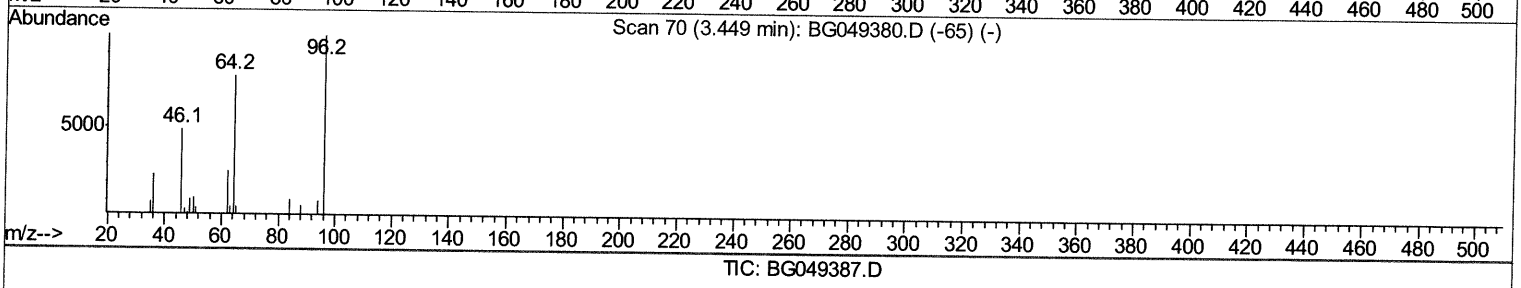

TIC: BG049387.D

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

3.455min (+0.012) 3.22ng/uL

response 2068

Ion	Exp%	Act%
96.00	100	100
64.00	80.10	45.33#
34.00	0.00	0.00
0.00	0.00	0.00

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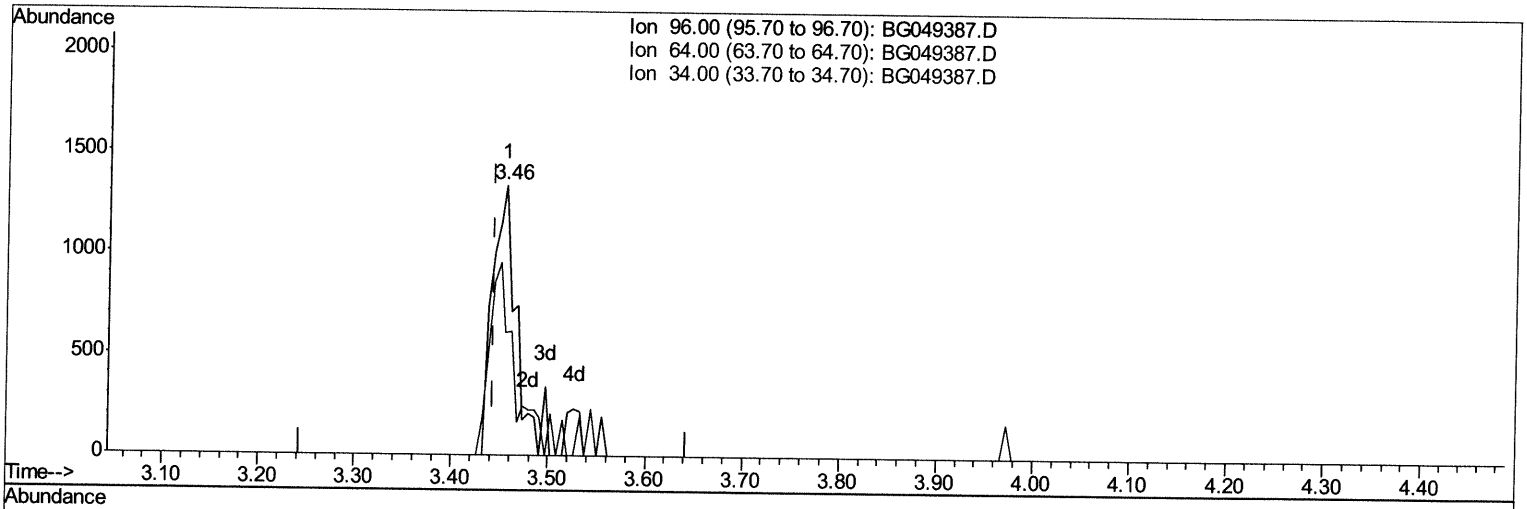

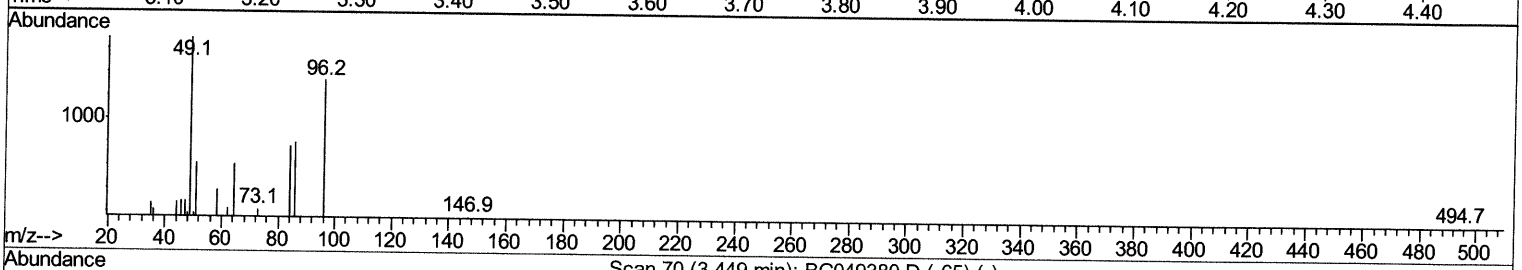

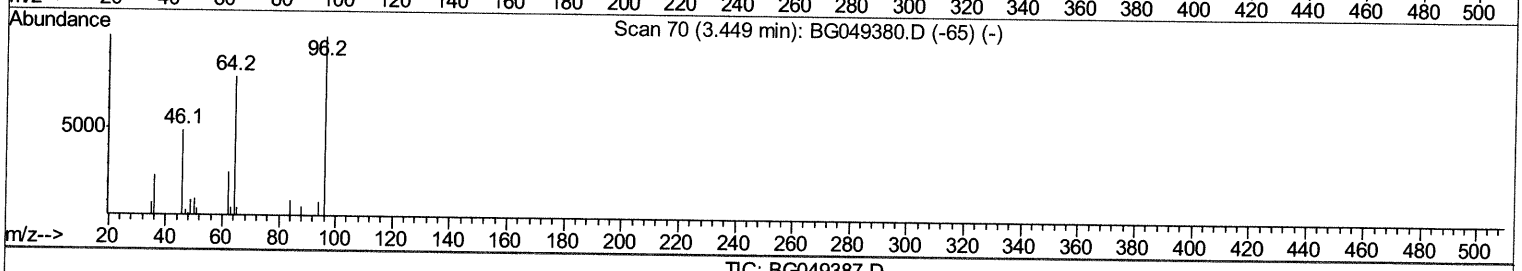

TIC: BG049387.D

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

3.455min (+0.012) 3.43ng/uL m 7/22/21 JU

response 2207

Ion	Exp%	Act%
96.00	100	100
64.00	80.10	45.33#
34.00	0.00	0.00
0.00	0.00	0.00

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Misc :
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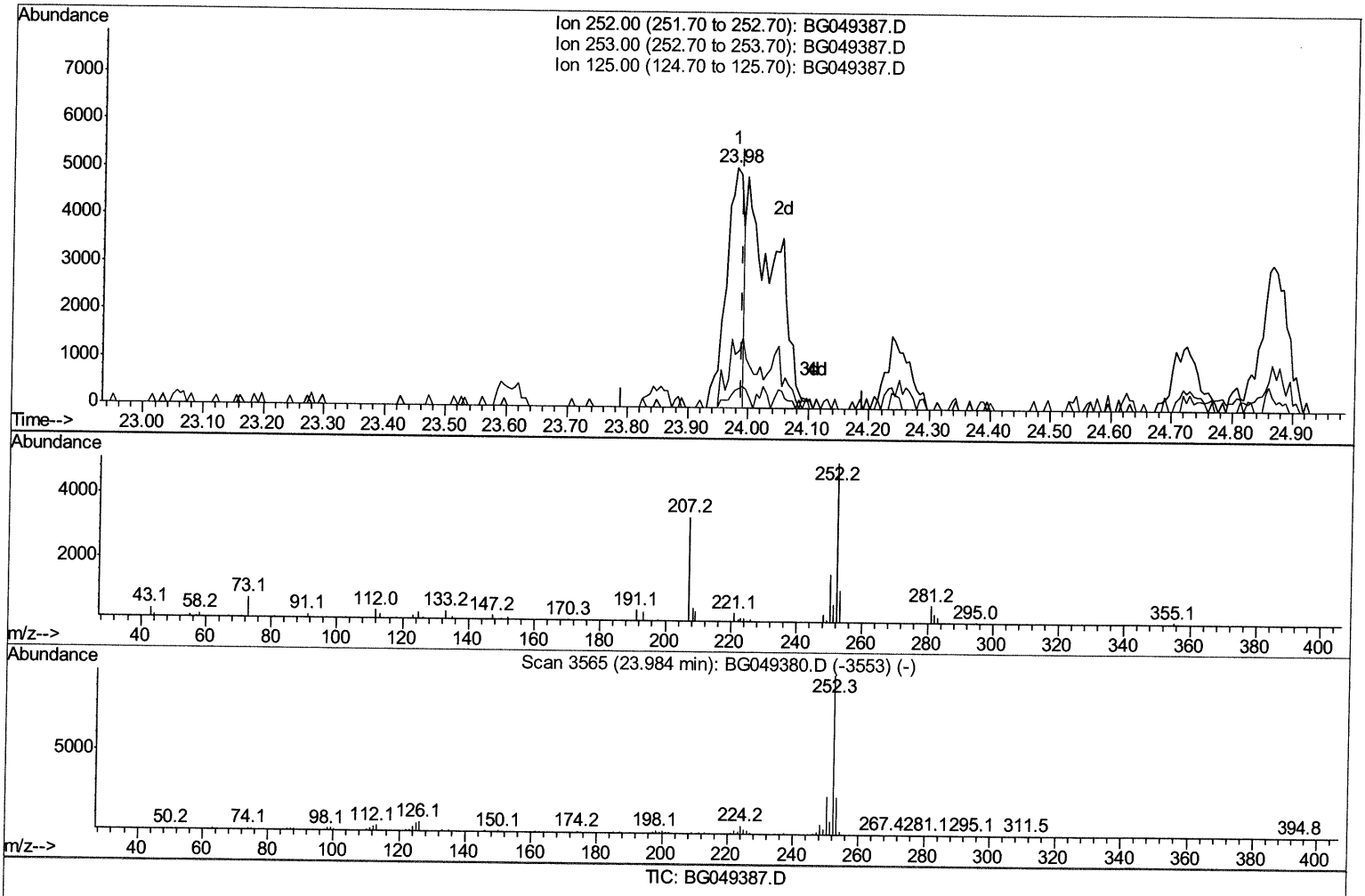
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGED0

Manual Integrations APPROVED
mohammad
7/19/2021 11:53:46 AM



TIC: BG049387.D

(90) Benzo(b)fluoranthene

23.978min (-0.011) 0.71ng/ul

response 10170

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	22.38
125.00	5.00	7.13#
0.00	0.00	0.00

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BNA_G
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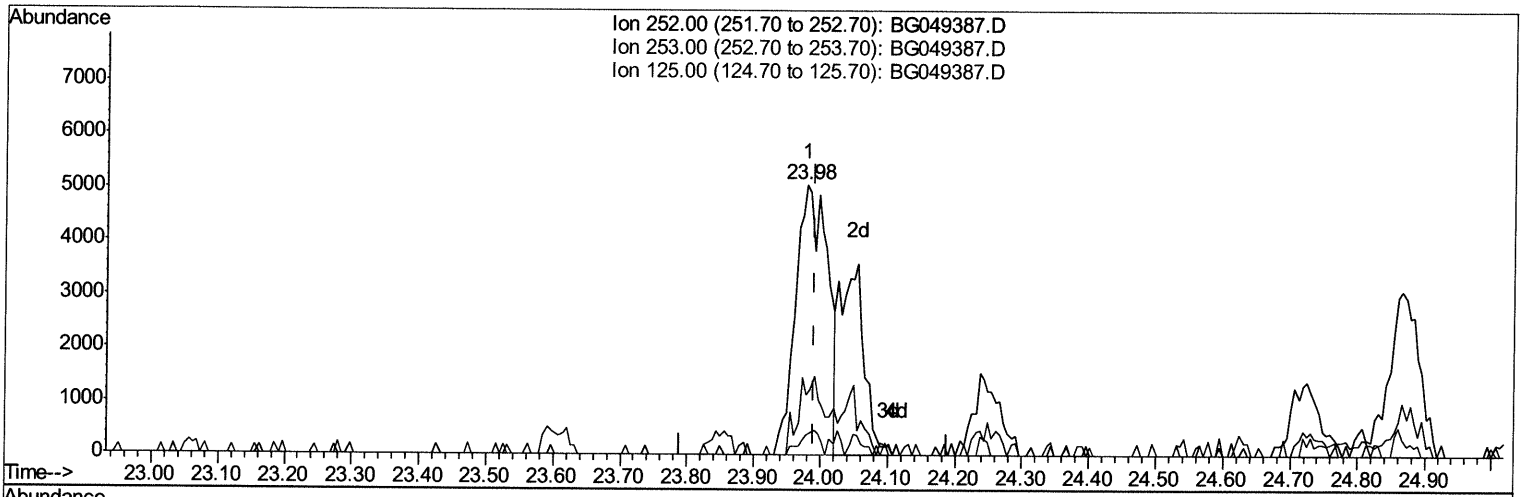
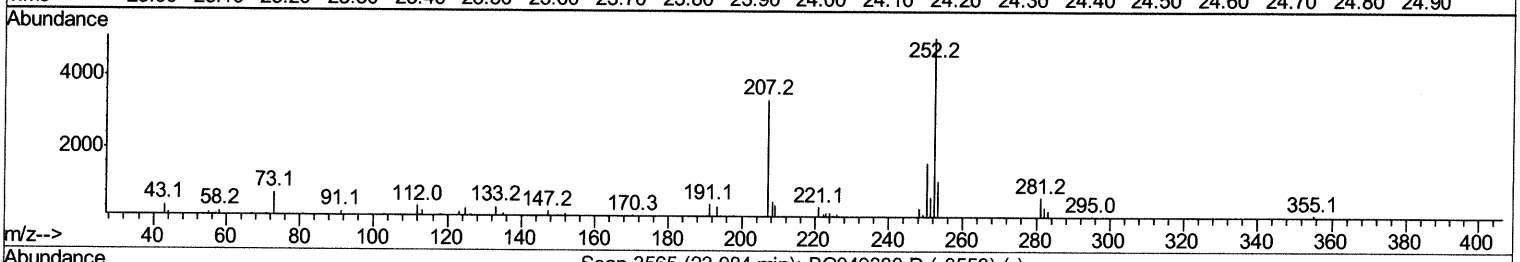
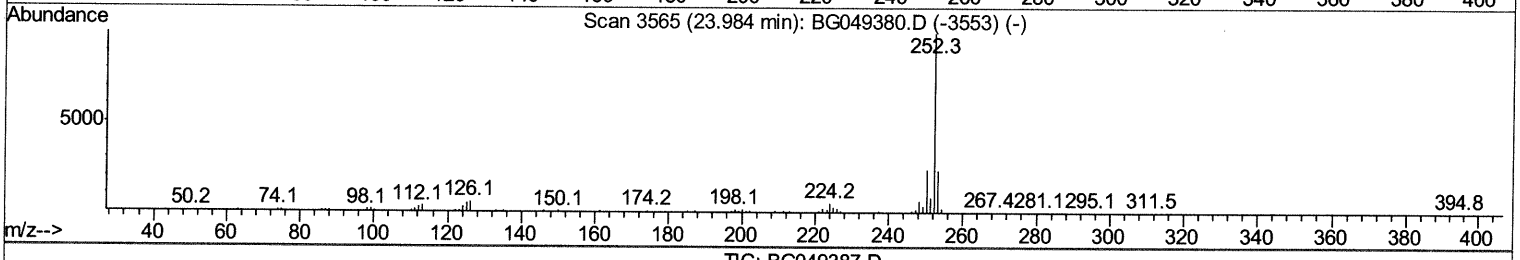
Manual Integrations APPROVED
mohammad
7/19/2021 11:53:46 AM







TIC: BG049387.D

(90) Benzo(b)fluoranthene

23.978min (-0.011) 1.18ng/ul m 07/22/2021

response 16814

Ion	Exp%	Act%
252.00	100	100
253.00	22.90	22.38
125.00	5.00	7.13#
0.00	0.00	0.00

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGED0

Manual Integrations APPROVED
mohammad
7/19/2021 11:53:46 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	30237	20.00	ng/ul	0.00
20) Naphthalene-d8	10.88	136	123460	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.71	164	91167	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	211050	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	217897	20.00	ng/ul	0.00
88) Perylene-d12	25.03	264	231648	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	2207m >	3.43	ng/uL >	0.01 07/22/21 JU
4) Pyridine-d5	3.88	84	17158	9.08	ng/ul	0.00
7) Phenol-d5	7.22	99	61510	23.39	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.38	67	39817	26.10	ng/ul	0.00
11) 2-Chlorophenol-d4	7.59	132	48046	24.72	ng/ul	0.00
15) 4-Methylphenol-d8	8.77	113	53190	25.24	ng/ul	0.00
21) Nitrobenzene-d5	9.23	128	26546	28.02	ng/ul	0.00
24) 2-Nitrophenol-d4	9.96	143	32326	29.72	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.50	165	55457	26.13	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	70881	25.63	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	209407	29.87	ng/ul	0.00
49) Acenaphthylene-d8	14.40	160	227656	27.67	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	13893	11.97	ng/ul	0.00
60) Fluorene-d10	15.70	176	174600	29.41	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	15335	11.43	ng/ul	0.00
73) Anthracene-d10	17.56	188	284008	29.56	ng/ul	0.00
81) Pyrene-d10	19.84	212	314301	28.14	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.80	264	271779	22.57	ng/ul	0.00
Target Compounds						Qvalue
80) Fluoranthene	19.51	202	25888	1.993	ng/ul	99
82) Pyrene	19.87	202	19245	1.487	ng/ul#	96
85) Benzo(a)anthracene	21.72	228	17245	1.288	ng/ul#	93
90) Benzo(b)fluoranthene	23.98	252	16814m >	1.177	ng/ul >	07/22/21 JU

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