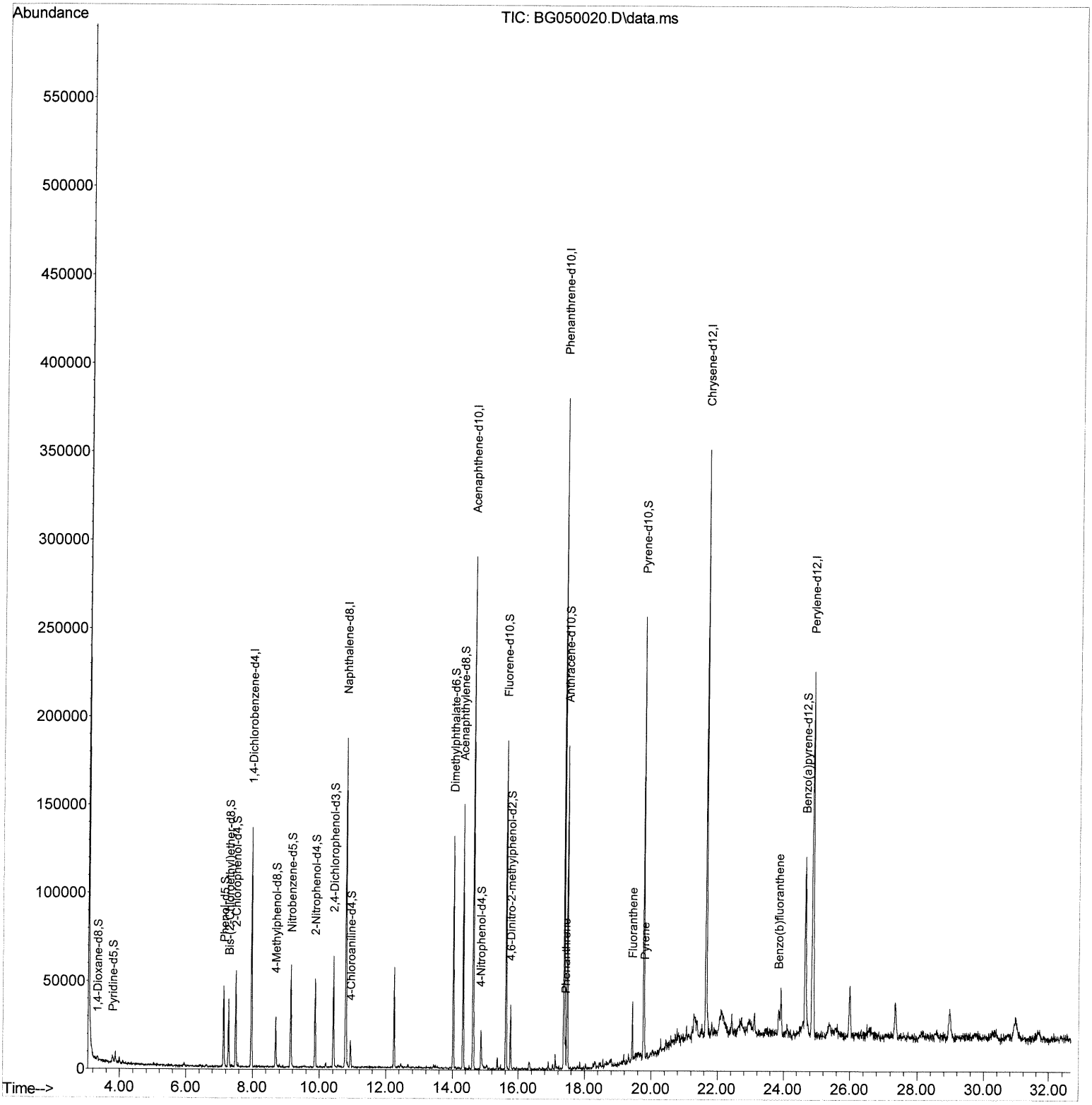
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050019.D
Acq On : 28 Aug 2021 6:41
Operator : CG/JU
Sample : M3458-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 28 07:52:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 27 11:22:49 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AB3

Manual Integrations APPROVED
mohammad
8/30/2021 10:33:28 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050019.D
Acq On : 28 Aug 2021 6:41
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Manual Integrations APPROVED
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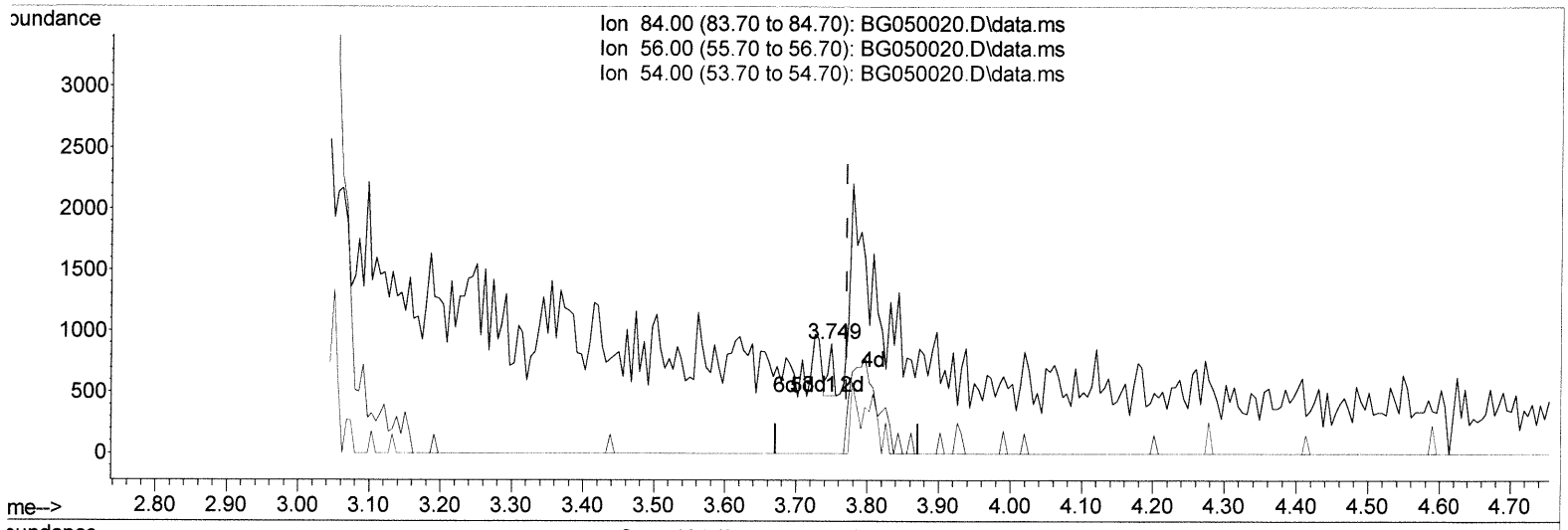

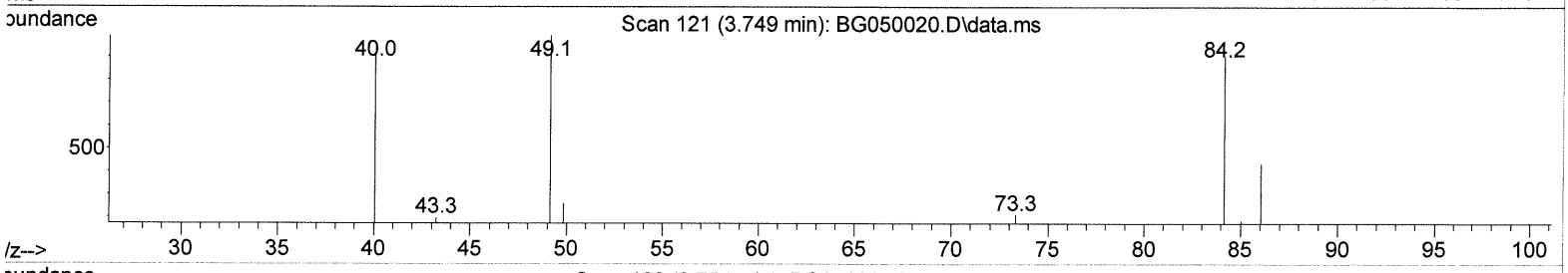

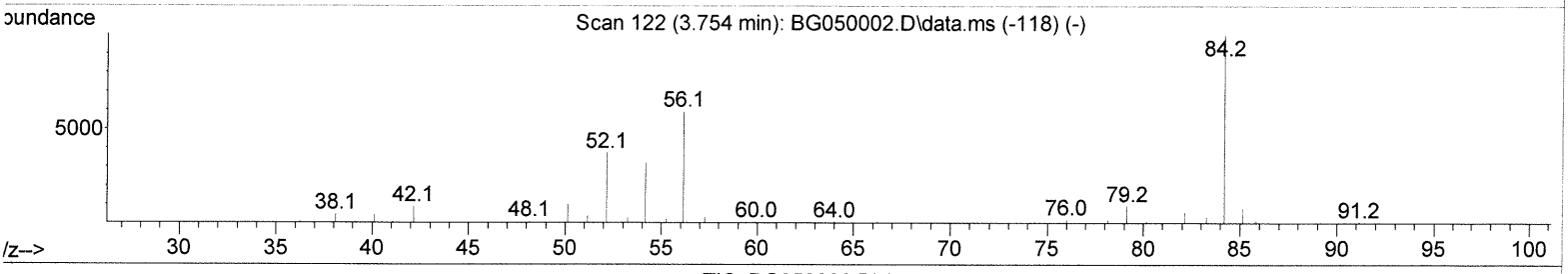

TIC: BG050020.D\data.ms

(4) Pyridine-d5 (S)

3.749min (-0.022) 0.10 ng/ul

response 212

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	0.00#
54.00	37.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
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BNA_G
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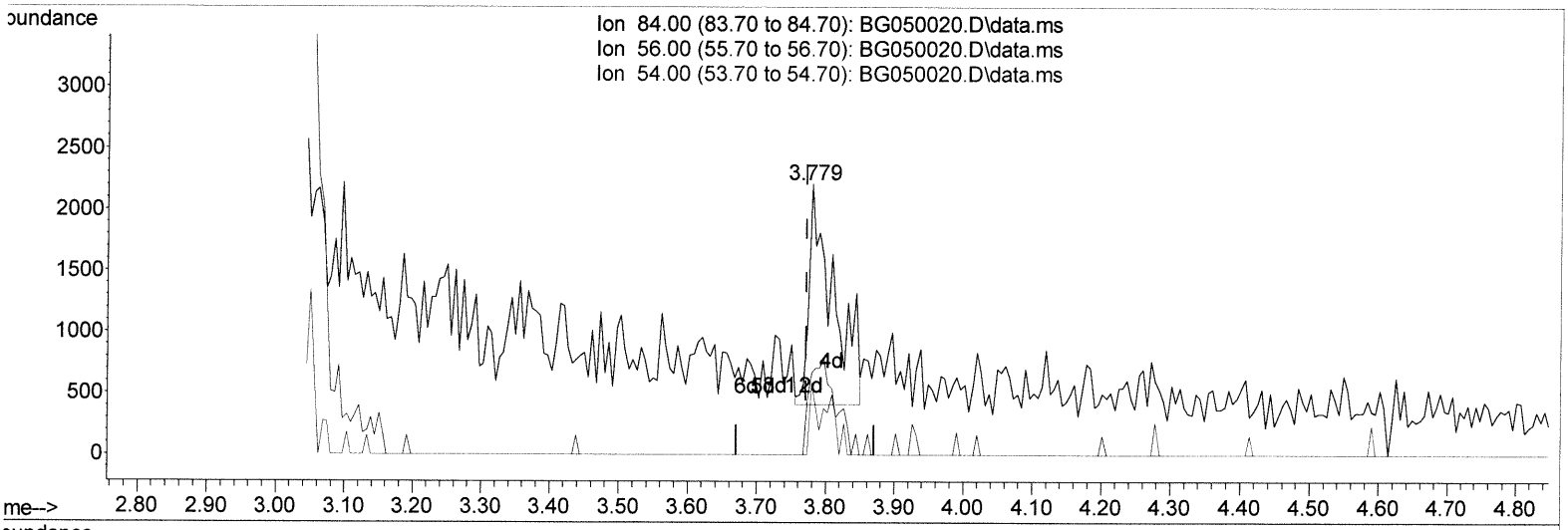
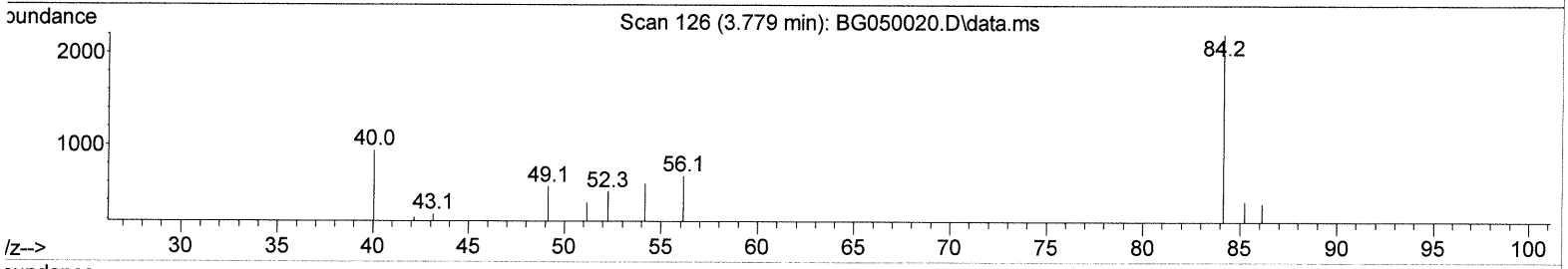
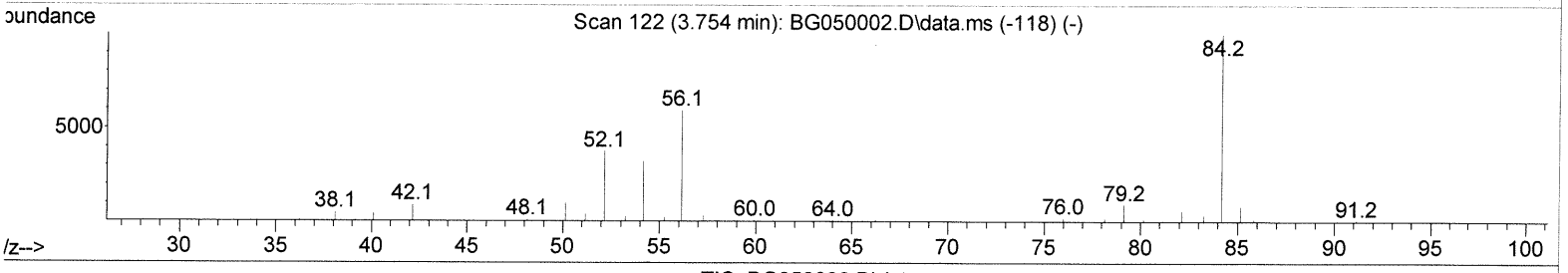
Manual Integrations APPROVED
mohammad
8/30/2021 10:33:28 AM







TIC: BG050020.D\data.ms

(4) Pyridine-d5 (S)

3.779min (+ 0.008) 2.02 ng/ul m

response 4411

J4 8/31/21

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	30.20#
54.00	37.00	26.49#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050019.D
Acq On : 28 Aug 2021 6:41
Operator : CG/JU
Sample : M3458-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 28 07:52:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
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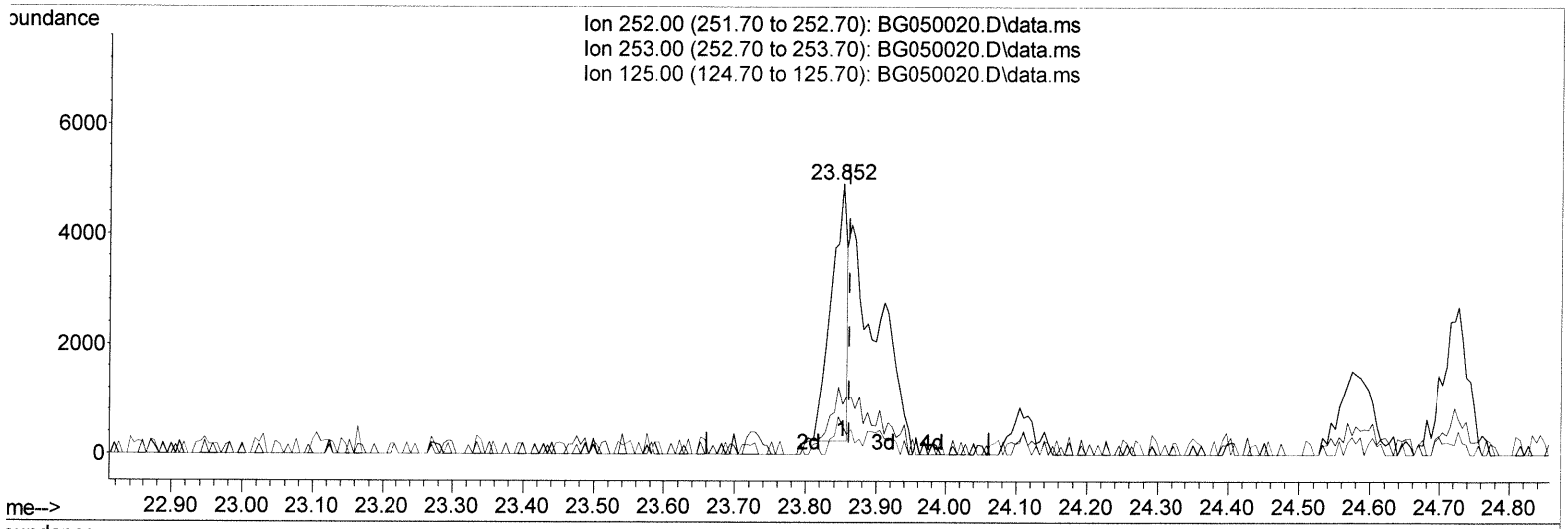
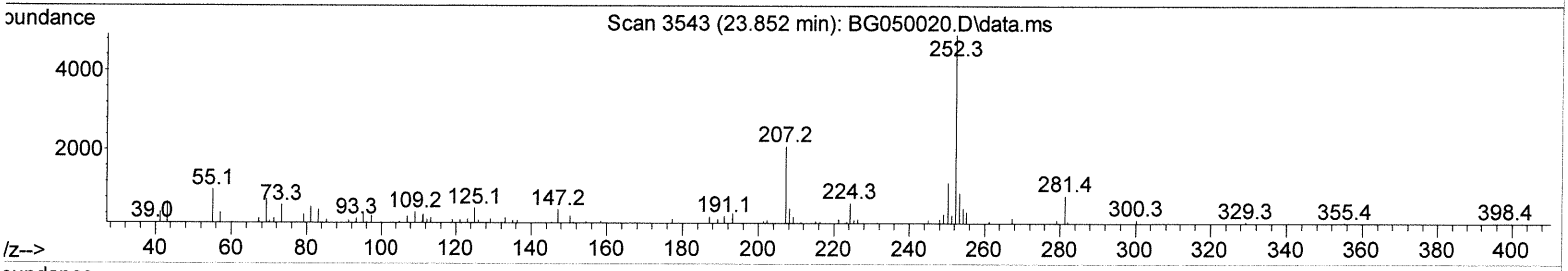
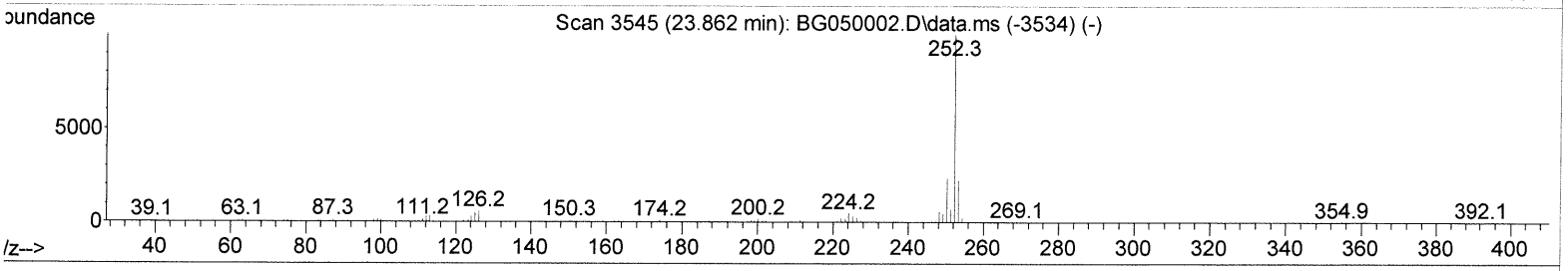
Instrument :
BNA_G
ClientSampleId :
C0AB3

Manual Integrations APPROVED
mohammad
8/30/2021 10:33:28 AM







TIC: BG050020.D\data.ms

(90) Benzo(b)fluoranthene

23.852min (-0.010) 0.56 ng/ul

response 7424

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	18.53
125.00	4.20	10.60#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050019.D
Acq On : 28 Aug 2021 6:41
Operator : CG/JU
Sample : M3458-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
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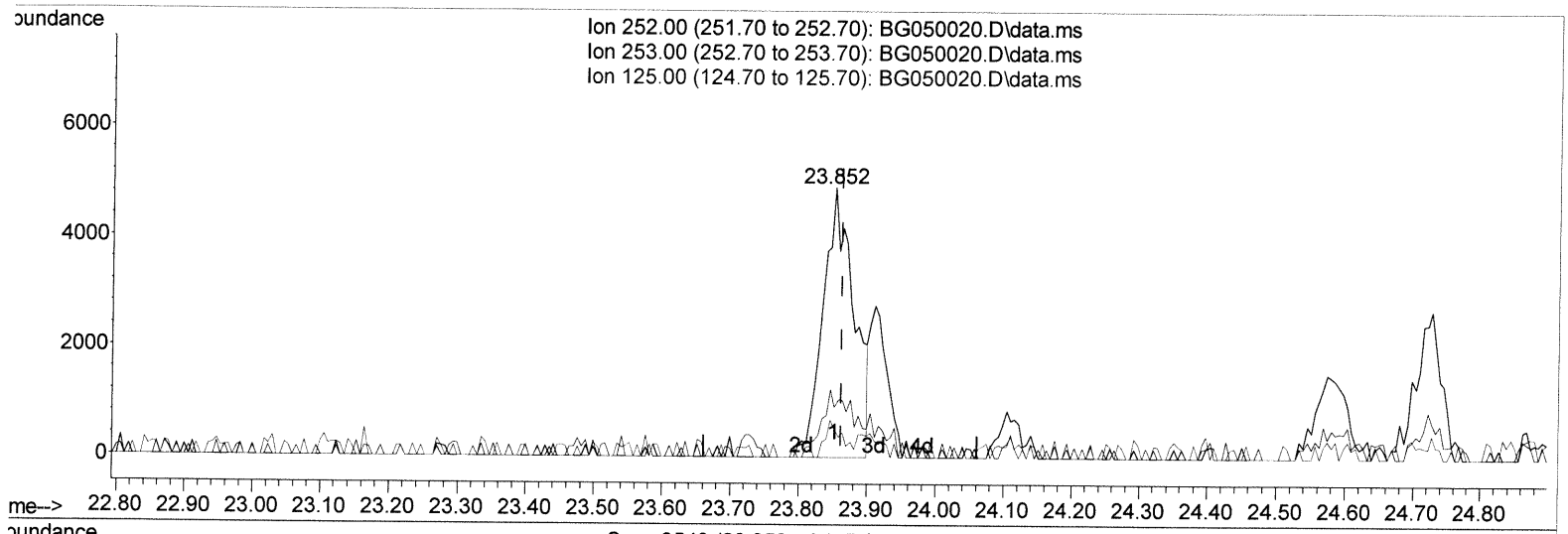
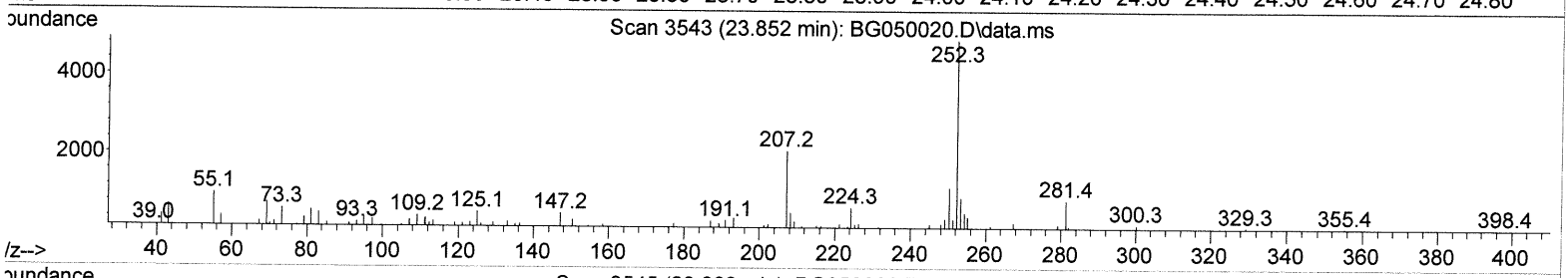
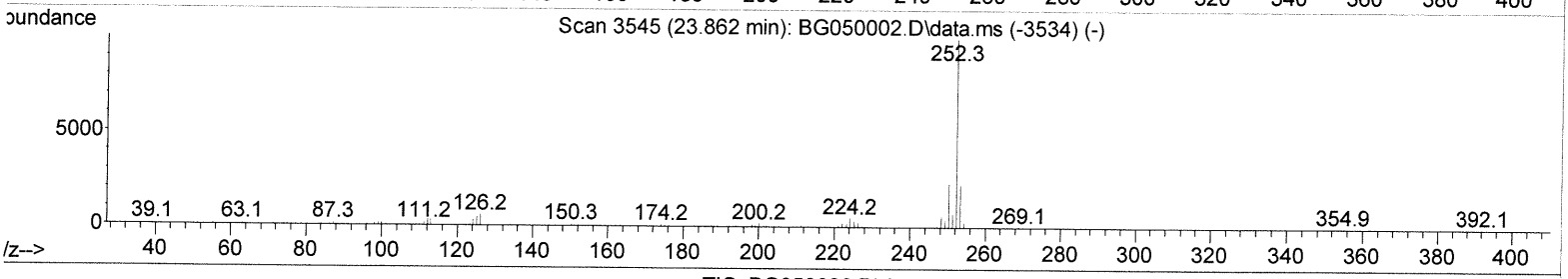
Instrument :
BNA_G
ClientSampleId :
C0AB3

Manual Integrations APPROVED
mohammad
8/30/2021 10:33:28 AM







TIC: BG050020.D\data.ms

(90) Benzo(b)fluoranthene

23.852min (-0.010) 1.15 ng/ul m

response 15287

JU 8/31/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	18.53
125.00	4.20	10.60#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050019.D
Acq On : 28 Aug 2021 6:41
Operator : CG/JU
Sample : M3458-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB3

Manual Integrations APPROVED
mohammad
8/30/2021 10:33:28 AM

Quant Time: Aug 28 07:52:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	37436	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.787	136	159684	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.623	164	108190	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.378	188	227625	20.000	ng/ul	-0.02
79) Chrysene-d12	21.655	240	207095	20.000	ng/ul	-0.01
88) Perylene-d12	24.880	264	208375	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	1134	1.562	ng/uL	-0.02
4) Pyridine-d5	3.779	84	4411m	2.017	ng/ul	0.00
7) Phenol-d5	7.139	99	27272	8.579	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.286	67	18077	10.236	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.497	132	23929	10.060	ng/ul	-0.02
15) 4-Methylphenol-d8	8.690	113	11362	4.538	ng/ul	-0.01
21) Nitrobenzene-d5	9.142	128	13146	10.619	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.865	143	15111	10.251	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.417	165	24606	9.358	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.934	131	9329	2.607	ng/ul	0.00
46) Dimethylphthalate-d6	14.024	166	89515	10.811	ng/ul	-0.02
49) Acenaphthylene-d8	14.318	160	107826	11.107	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.858	143	6681	5.577	ng/ul	0.00
60) Fluorene-d10	15.622	176	75762	10.792	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.757	200	7978	5.448	ng/ul	-0.01
73) Anthracene-d10	17.478	188	105515	10.323	ng/ul	-0.02
81) Pyrene-d10	19.769	212	128975	11.525	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.656	264	101842	9.212	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.425	178	11679	1.029	ng/ul	97
80) Fluoranthene	19.434	202	19895	1.441	ng/ul#	95
82) Pyrene	19.798	202	17340	1.267	ng/ul#	98
90) Benzo(b)fluoranthene	23.852	252	15287m	1.147	ng/ul	

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