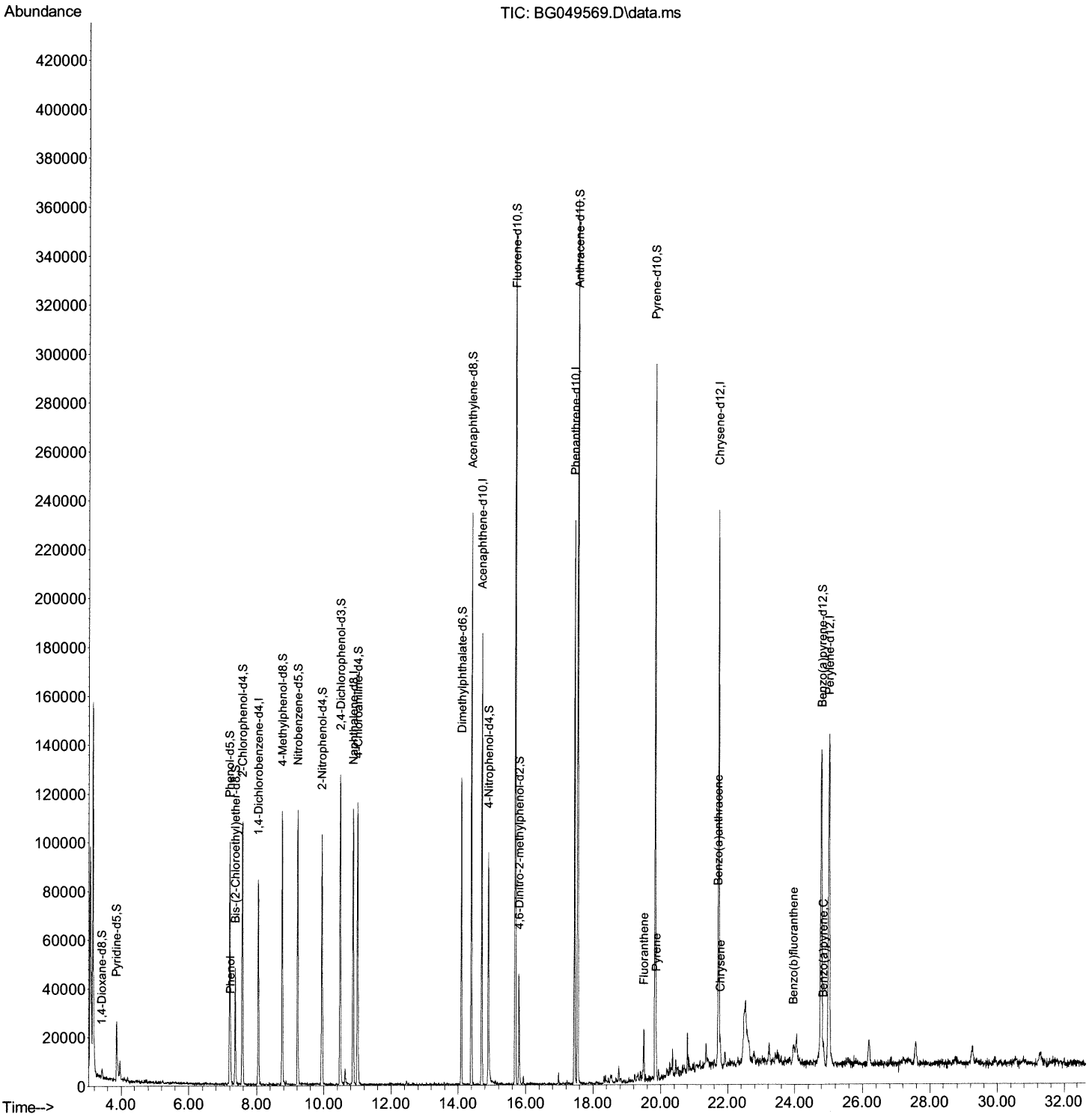
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049569.D
Acq On : 29 Jul 2021 21:27
Operator : CG/JU
Sample : M3141-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 30 05:27:15 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 :
BGER9

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:22 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049569.D
Acq On : 29 Jul 2021 21:27
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mohammad
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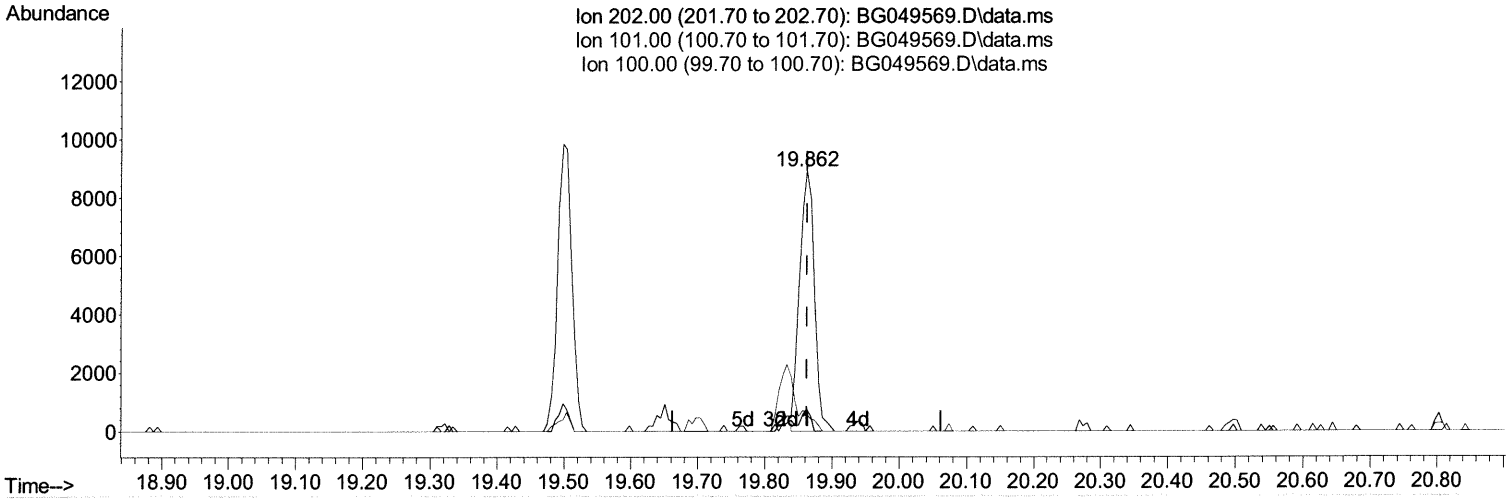

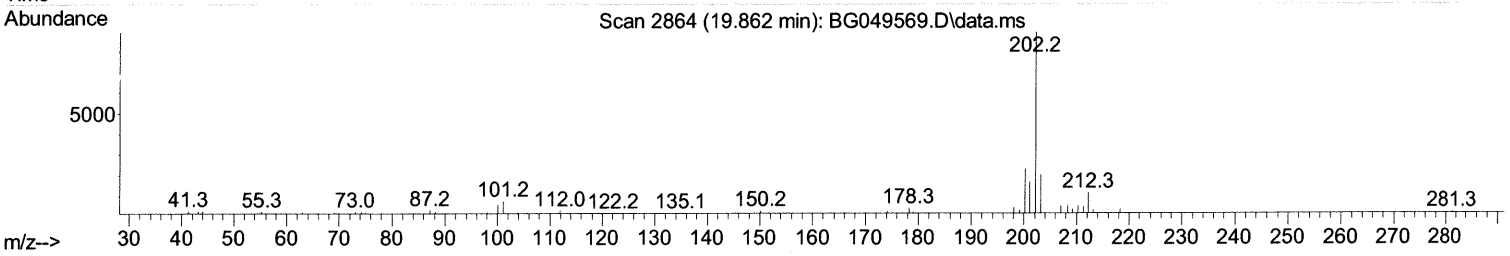

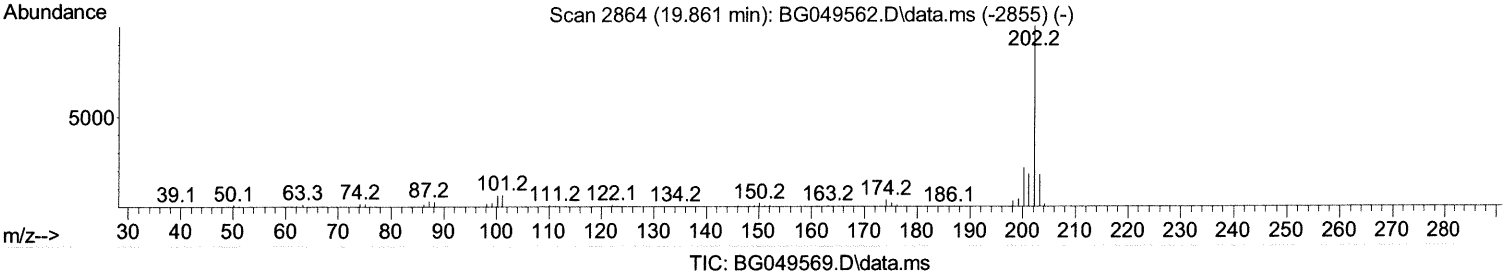

TIC: BG049569.D\data.ms

(82) Pyrene

19.862min (-0.000) 1.54 ng/ul

response 13590

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.60	8.60#
100.00	5.90	6.53
0.00	0.00	0.00

Quantitation Report (Qedit)

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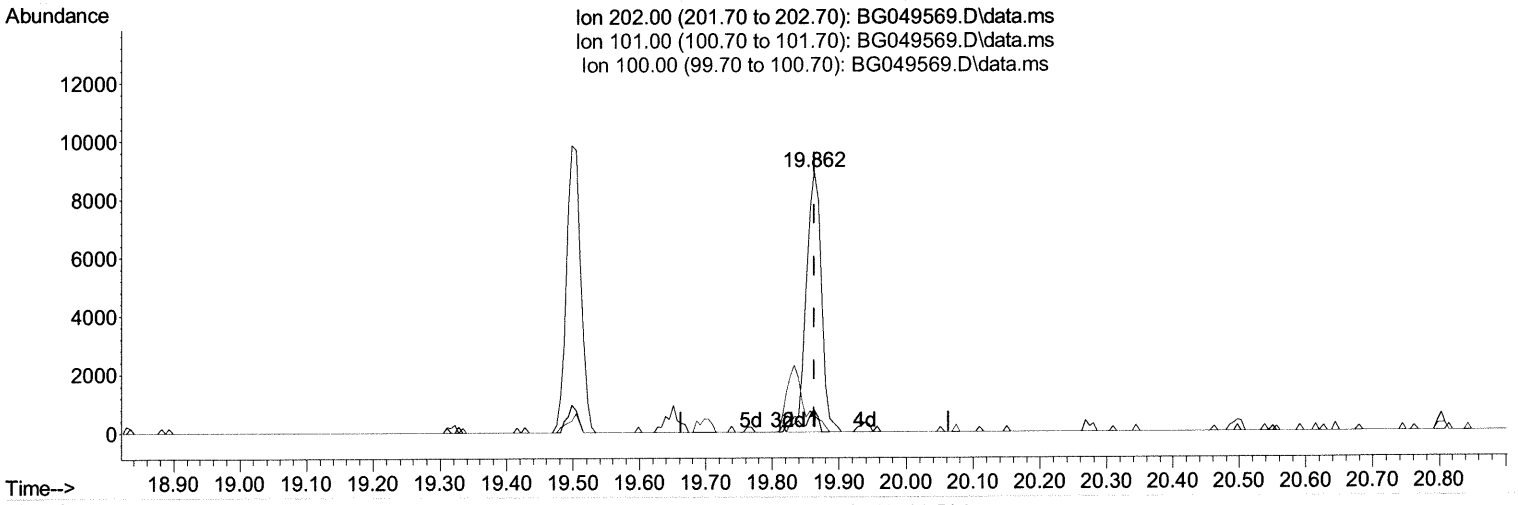
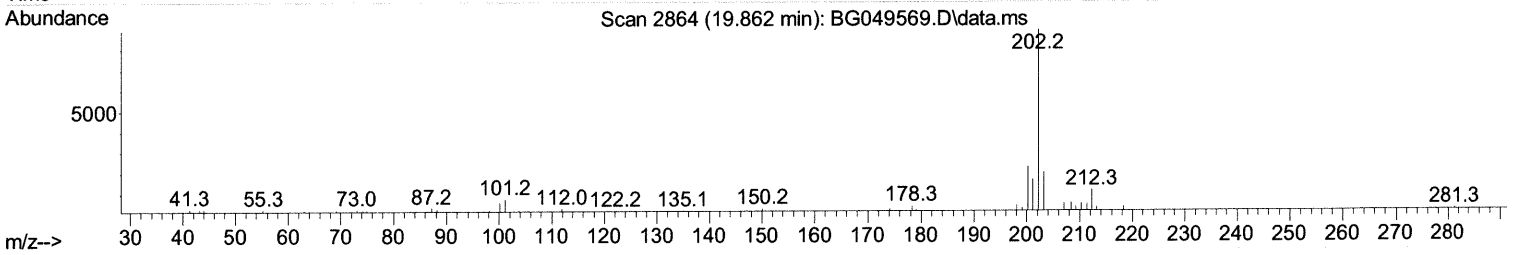
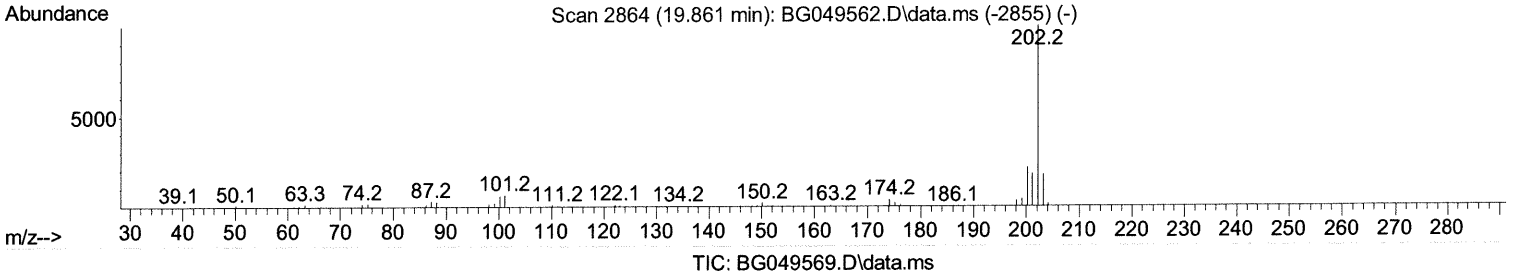
Manual Integrations APPROVED
mohammad
7/30/2021 12:00:22 PM







TIC: BG049569.D\data.ms

(82) Pyrene

19.862min (-0.000) 1.60 ng/ul m 08/02/21JU

response 14050

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.60	8.60#
100.00	5.90	6.53
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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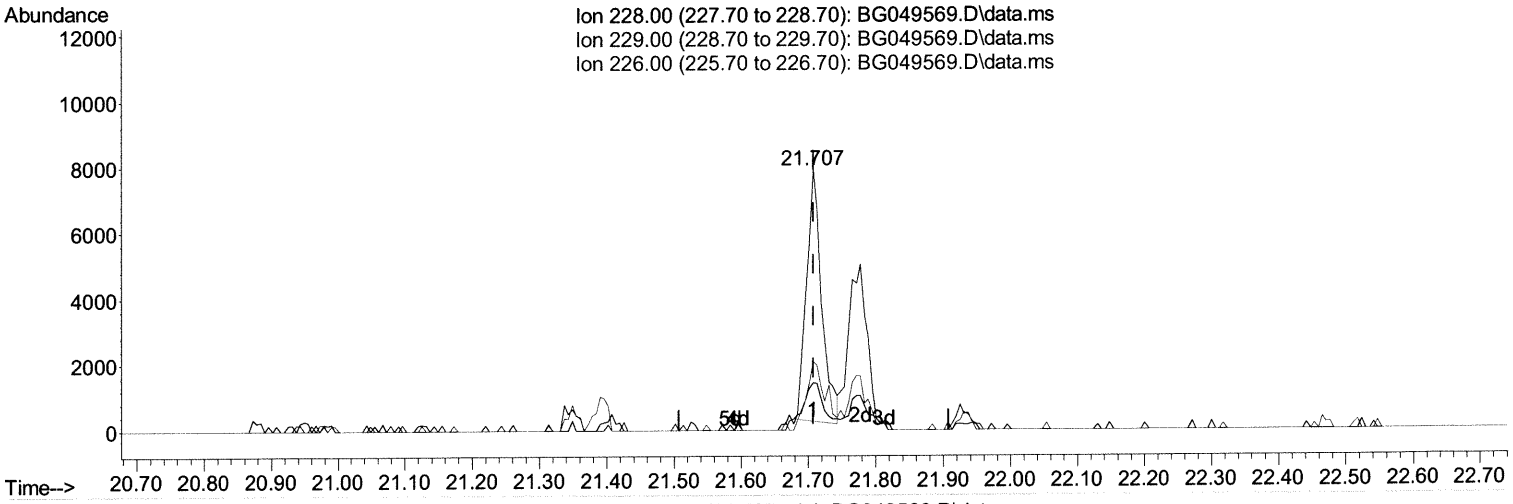

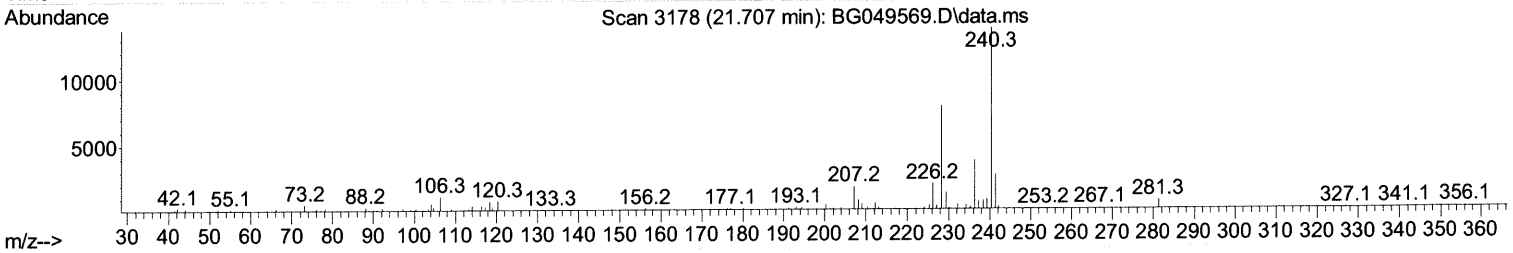

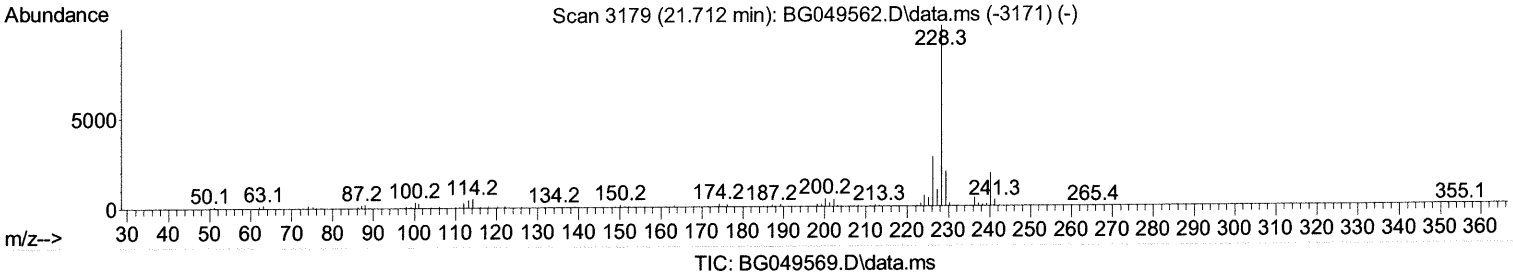

TIC: BG049569.D\data.ms

(85) Benzo(a)anthracene

21.707min (-0.000) 1.38 ng/ul

response 12034

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	17.96
226.00	26.40	26.18
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049569.D
Acq On : 29 Jul 2021 21:27
Operator : CG/JU
Sample : M3141-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 30 05:27:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGER9

Manual Integrations APPROVED
mohammad
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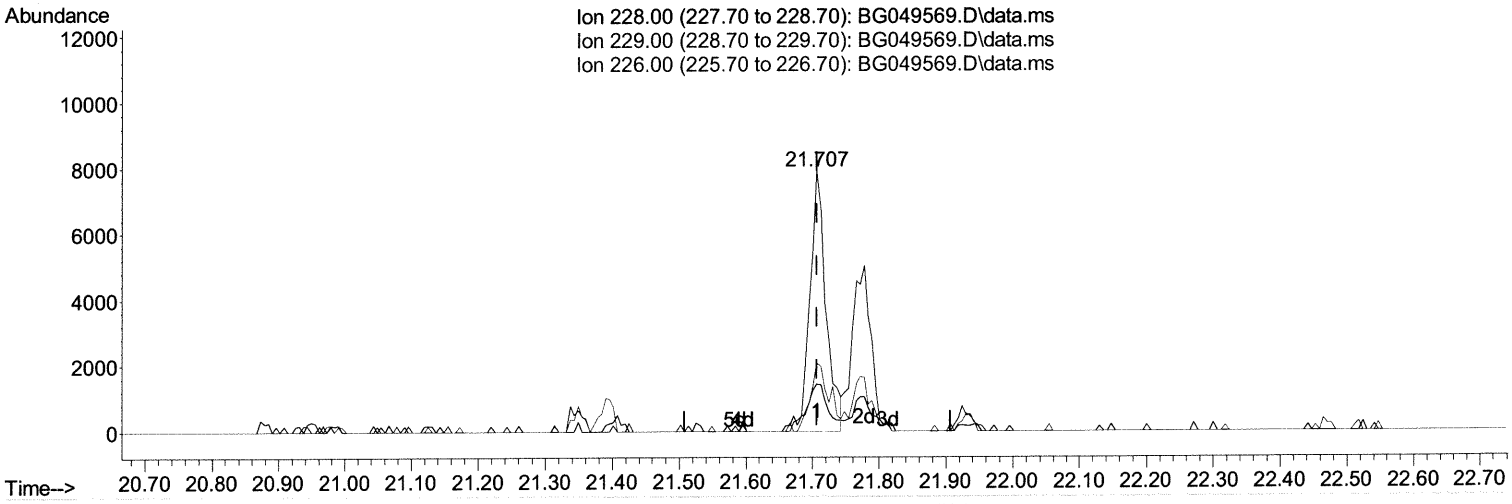
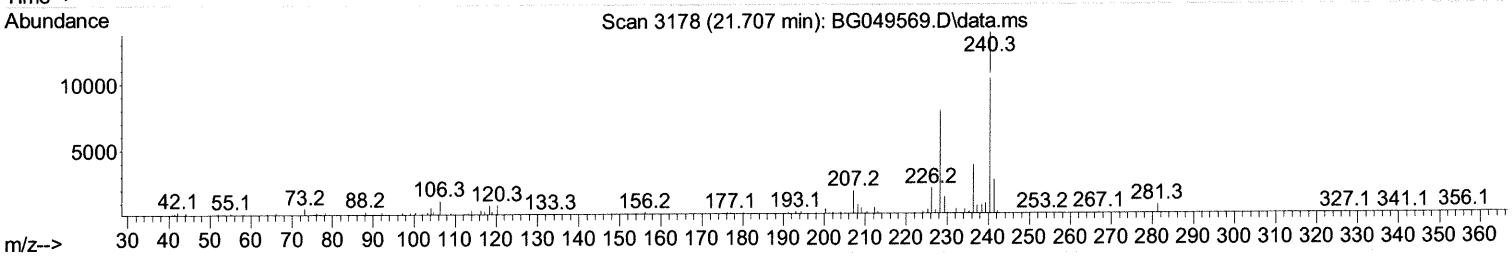
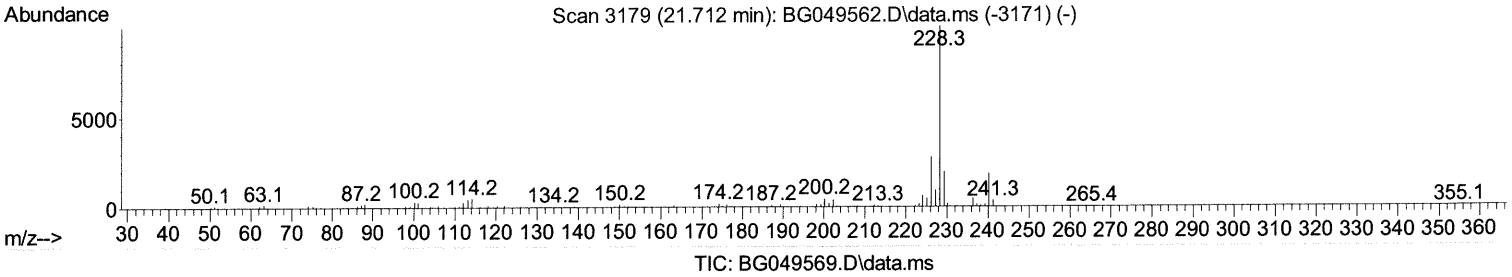






TIC: BG049569.D\data.ms

(85) Benzo(a)anthracene

21.707min (-0.000) 1.52 ng/ul m 08/02/21 JU

response 13228

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	17.96
226.00	26.40	26.18
0.00	0.00	0.00

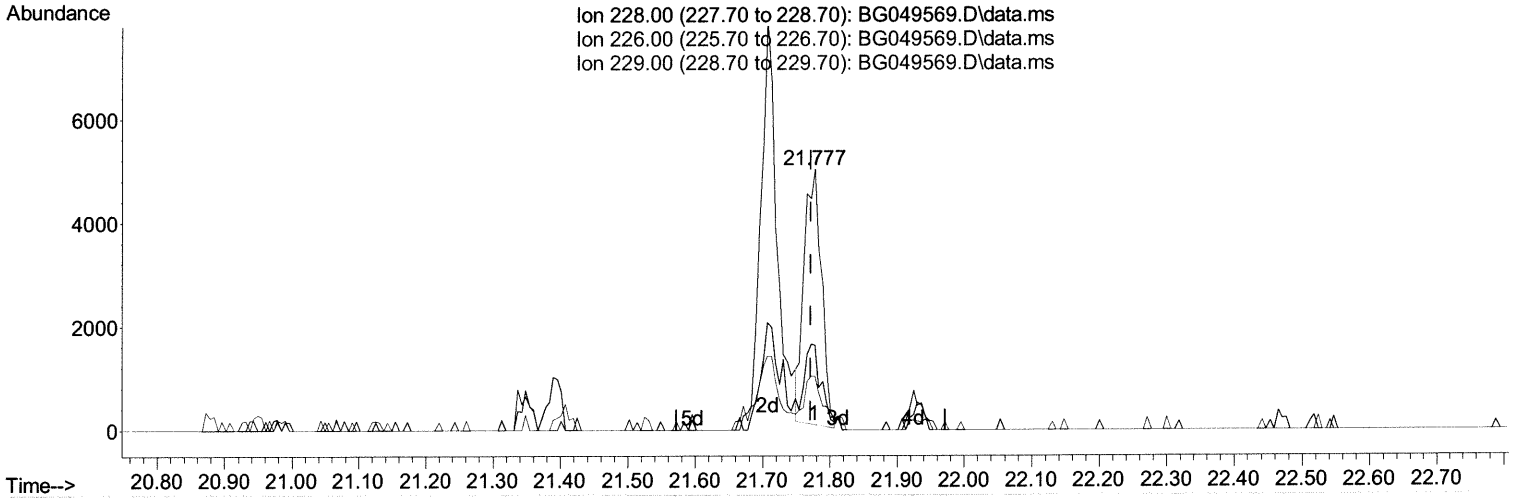
Quantitation Report (Qedit)

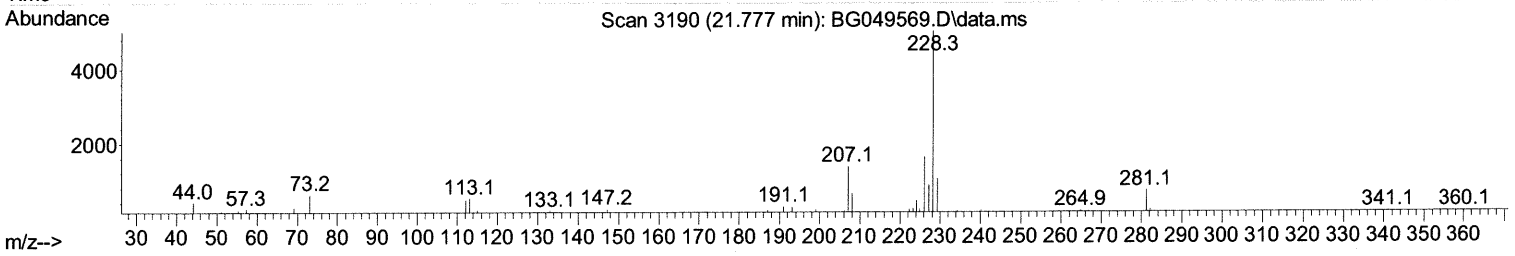
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049569.D
Acq On : 29 Jul 2021 21:27
Operator : CG/JU
Sample : M3141-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

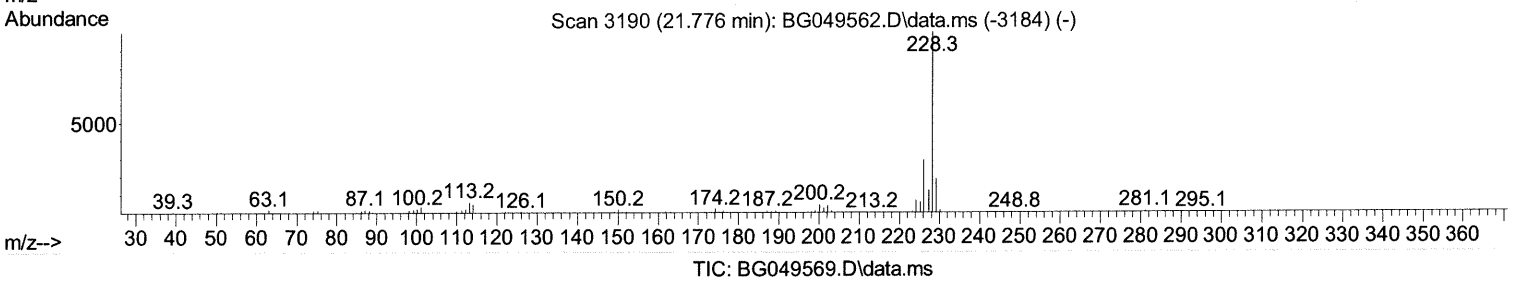
Quant Time: Jul 30 05:27:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGER9

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:22 PM







TIC: BG049569.D\data.ms

(87) Chrysene

21.777min (+ 0.006) 1.07 ng/ul

response 8954

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.80	32.54
229.00	18.60	20.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
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Sample : M3141-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

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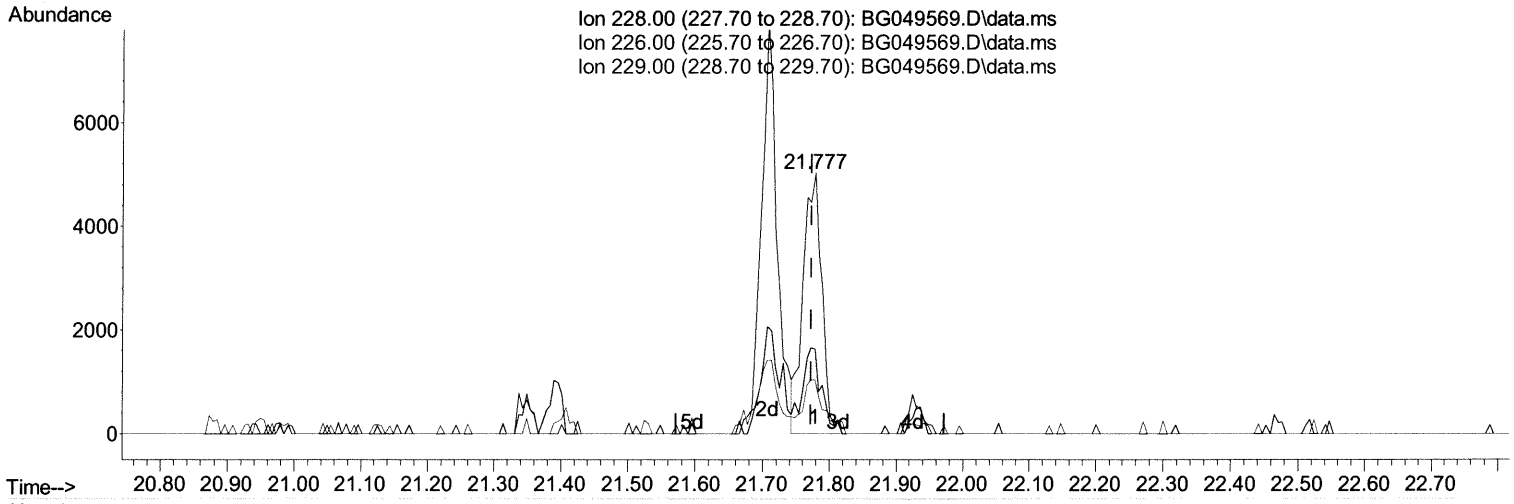
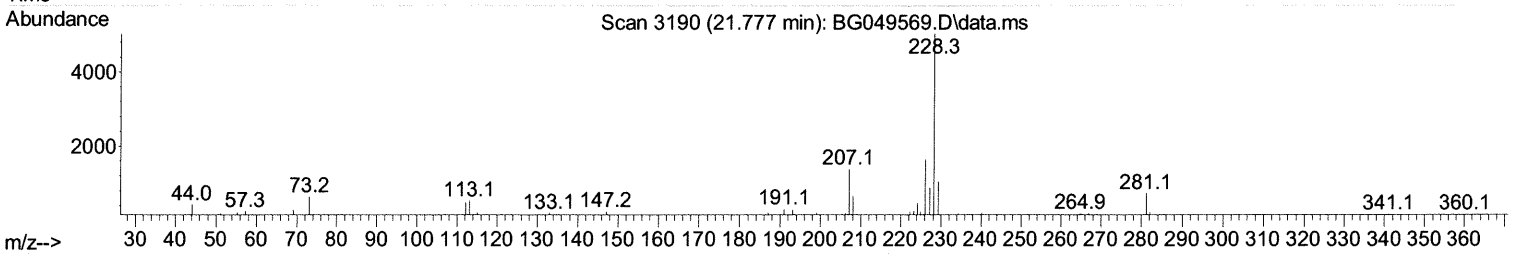
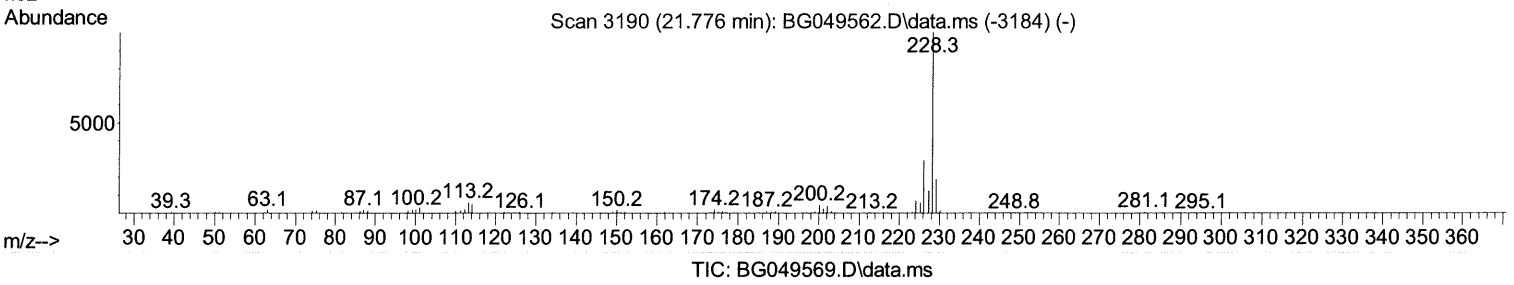
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGER9

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:22 PM







TIC: BG049569.D\data.ms

(87) Chrysene

21.777min (+ 0.006) 1.17 ng/ul m 08/03/21 JU

response 9801

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.80	32.54
229.00	18.60	20.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
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Instrument :
BNA_G
ClientSampleId :
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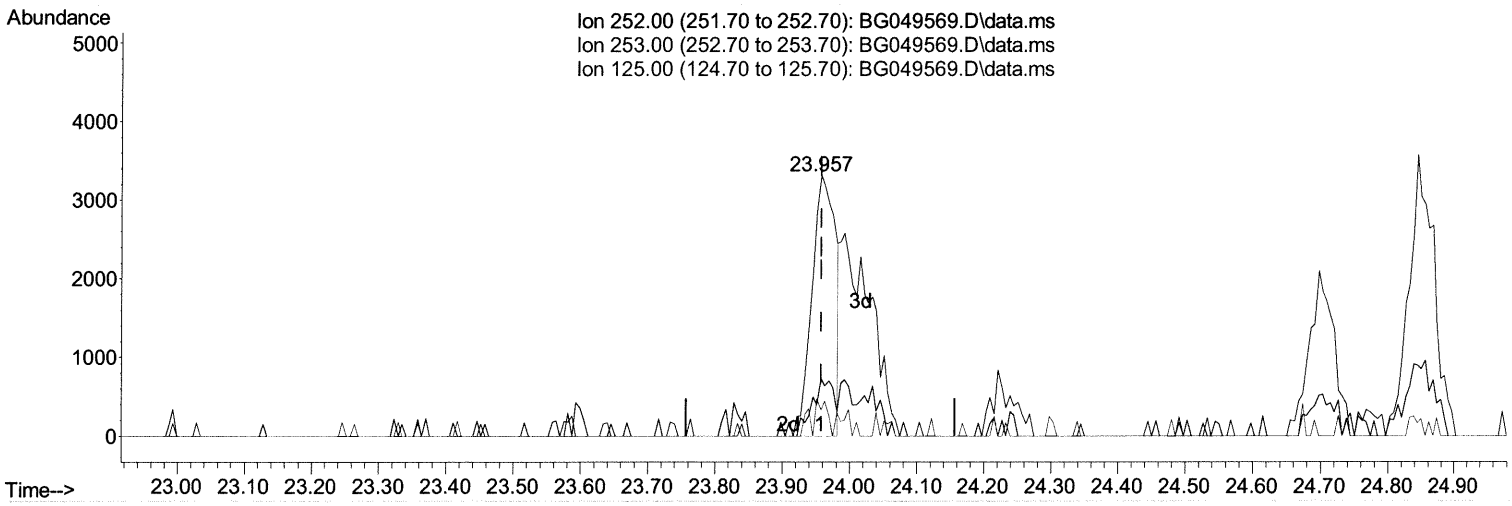
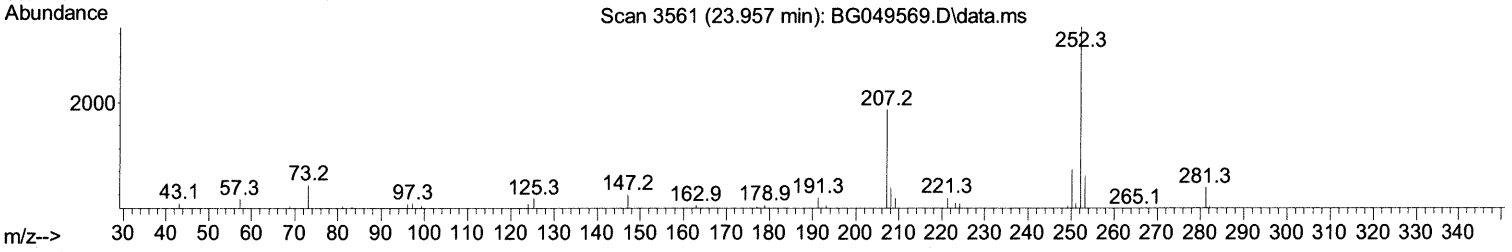
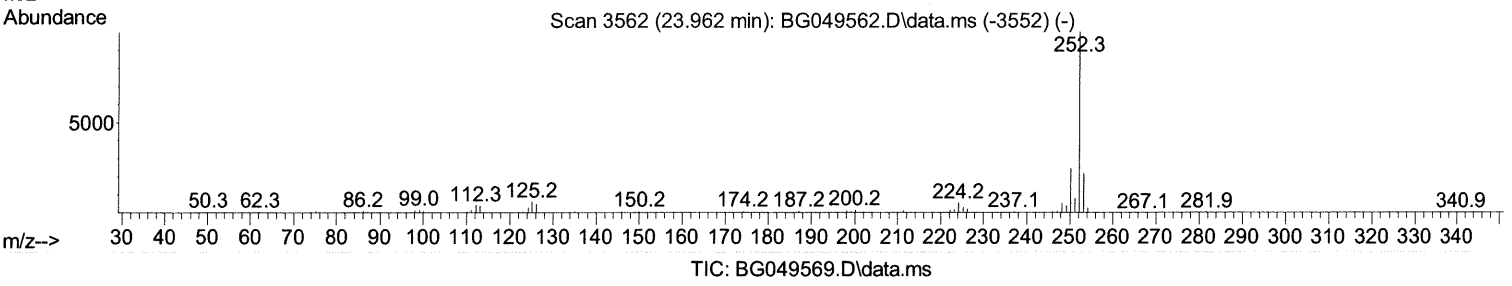
Manual Integrations APPROVED
mohammad
7/30/2021 12:00:22 PM







TIC: BG049569.D\data.ms

(90) Benzo(b)fluoranthene

23.957min (-0.000) 0.86 ng/ul

response 7860

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.02
125.00	5.60	9.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
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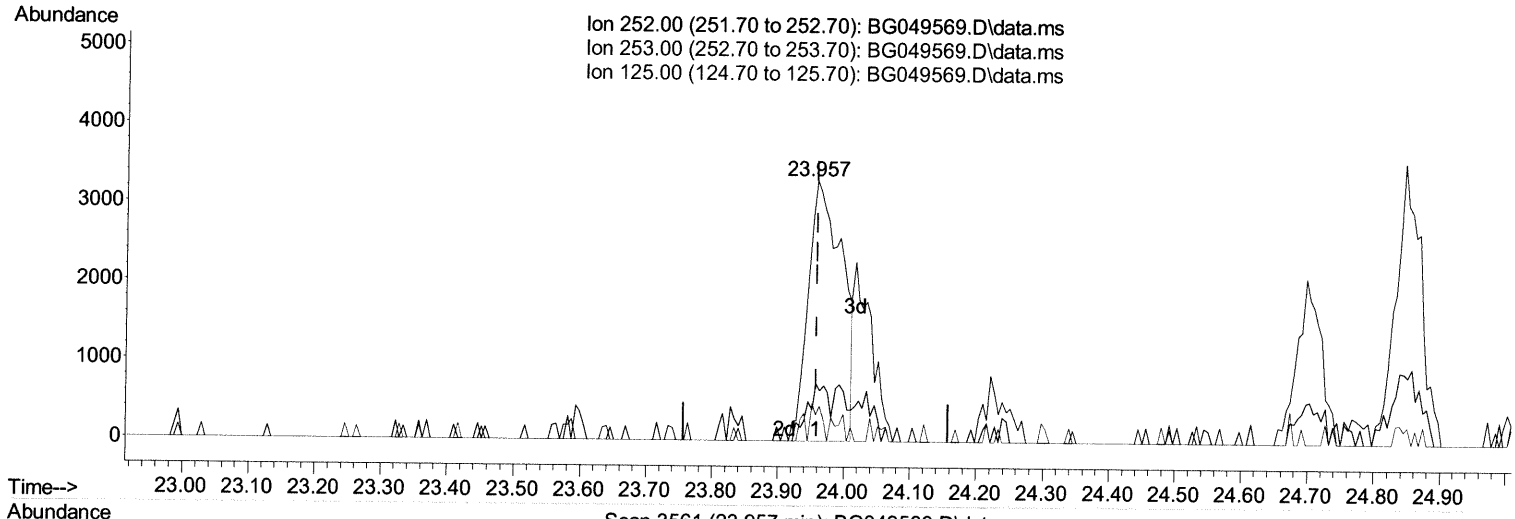
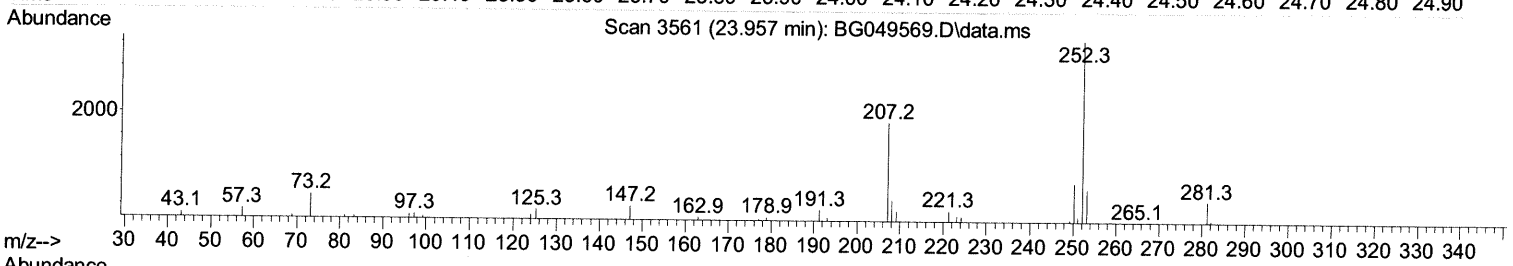
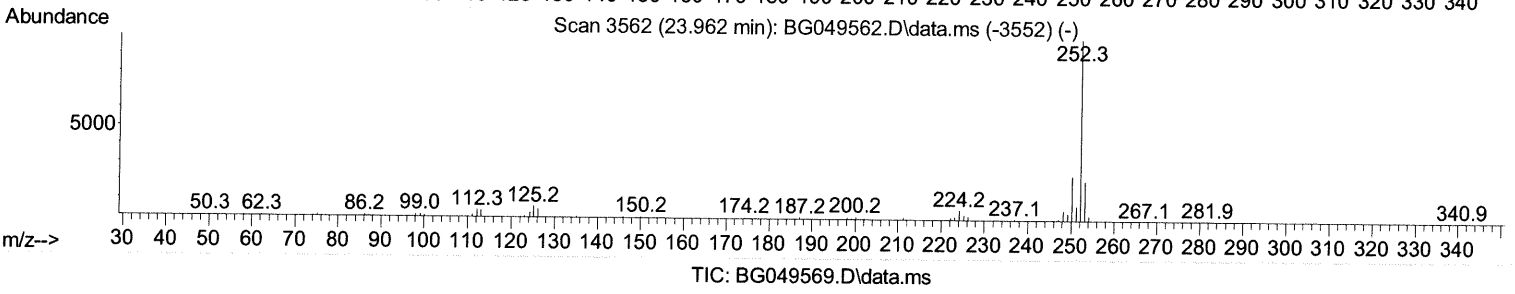
Manual Integrations APPROVED
mohammad
7/30/2021 12:00:22 PM







TIC: BG049569.D\data.ms

(90) Benzo(b)fluoranthene

23.957min (-0.000) 1.29 ng/ul m 08/02/21-JU

response 11734

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.02
125.00	5.60	9.97#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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7/30/2021 12:00:22 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	23576	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	93269	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	64007	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.448	188	143969	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	142721	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	145222	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	2603	5.051	ng/uL	0.00
4) Pyridine-d5	3.866	84	17088	11.545	ng/ul	0.01
7) Phenol-d5	7.203	99	55533	26.623	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	23112	19.564	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	44771	29.943	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	37379	23.774	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	23970	33.427	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	28365	33.756	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	43640	28.555	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	59808	28.080	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	80641	16.447	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	168242	29.543	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	20640	25.563	ng/ul	0.00
60) Fluorene-d10	15.692	176	145038	34.337	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	10226	11.462	ng/ul	0.00
73) Anthracene-d10	17.548	188	212737	31.793	ng/ul	0.00
81) Pyrene-d10	19.833	212	167141	22.903	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	148779	19.492	ng/ul	0.02
Target Compounds						Qvalue
8) Phenol	7.227	94	2746	1.348	ng/ul#	68
80) Fluoranthene	19.498	202	14753	1.665	ng/ul#	92
82) Pyrene	19.862	202	14050m	1.597	ng/ul	
85) Benzo(a)anthracene	21.707	228	13228m	1.516	ng/ul	
87) Chrysene	21.777	228	9801m	1.174	ng/ul	
90) Benzo(b)fluoranthene	23.957	252	11734m	1.289	ng/ul	
93) Benzo(a)pyrene	24.844	252	9422	1.193	ng/ul#	92

08/02/21 JU

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