

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059296.D
Acq On : 5 Oct 2023 14:41
Operator : MA/JU
Sample : 04527-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

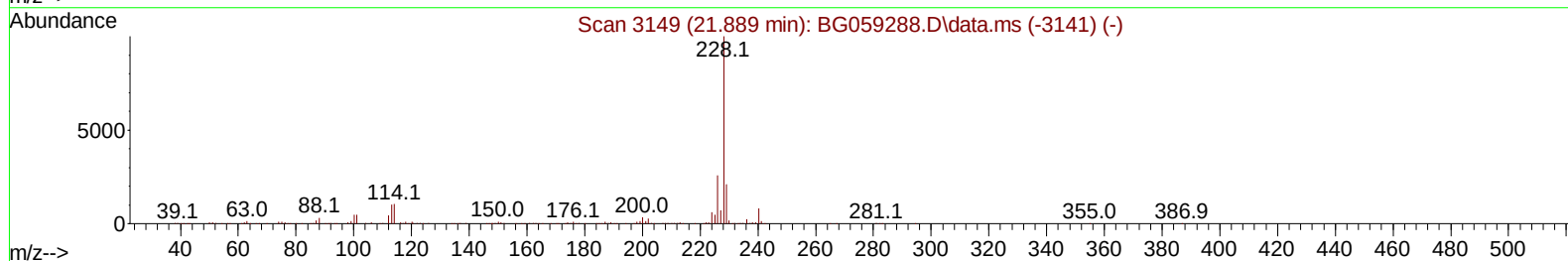
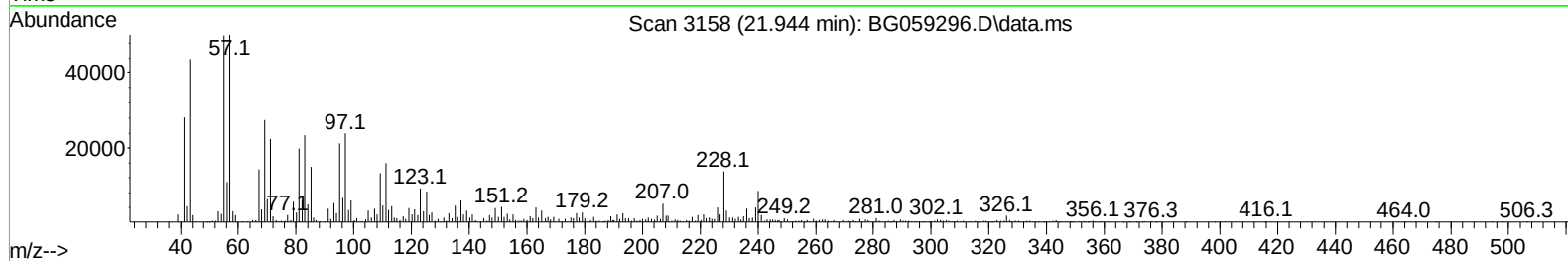
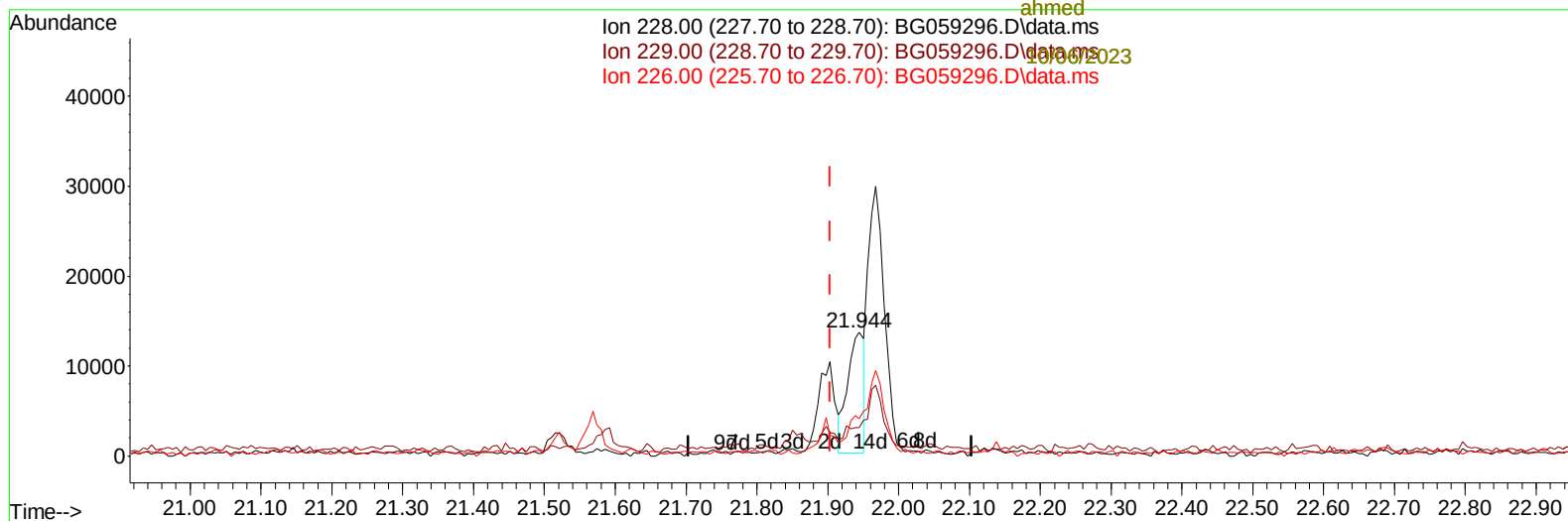
Instrument :
BNA_G
ClientSampleId :
EZYK6

Manual IntegrationsAPPROVED

Quant Time: Oct 06 00:08:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Reviewed By :Yogesh
Patel

10/06/2023
Supervised By :mohammad
ahmed



TIC: BG059296.D\data.ms

(85) Benzo(a)anthracene

21.944min (+ 0.041) 1.78 ng/ul

response 21603

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	22.88
226.00	26.80	30.14
0.00	0.00	0.00

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Sample : 04527-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

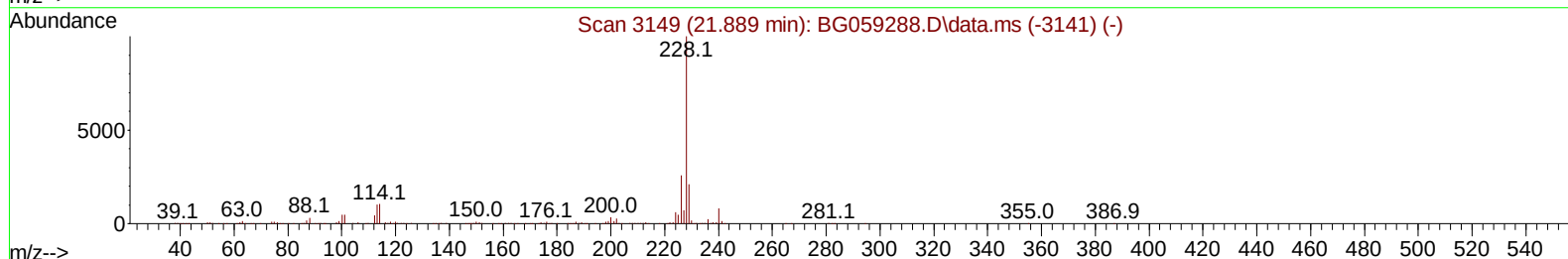
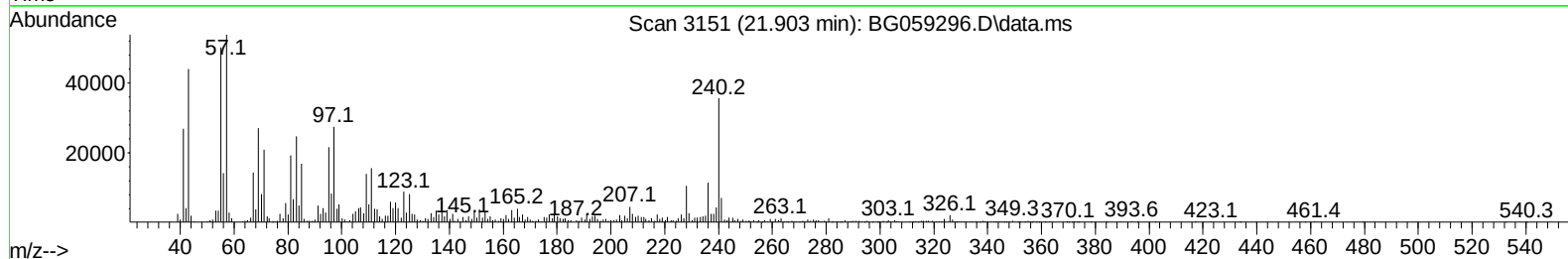
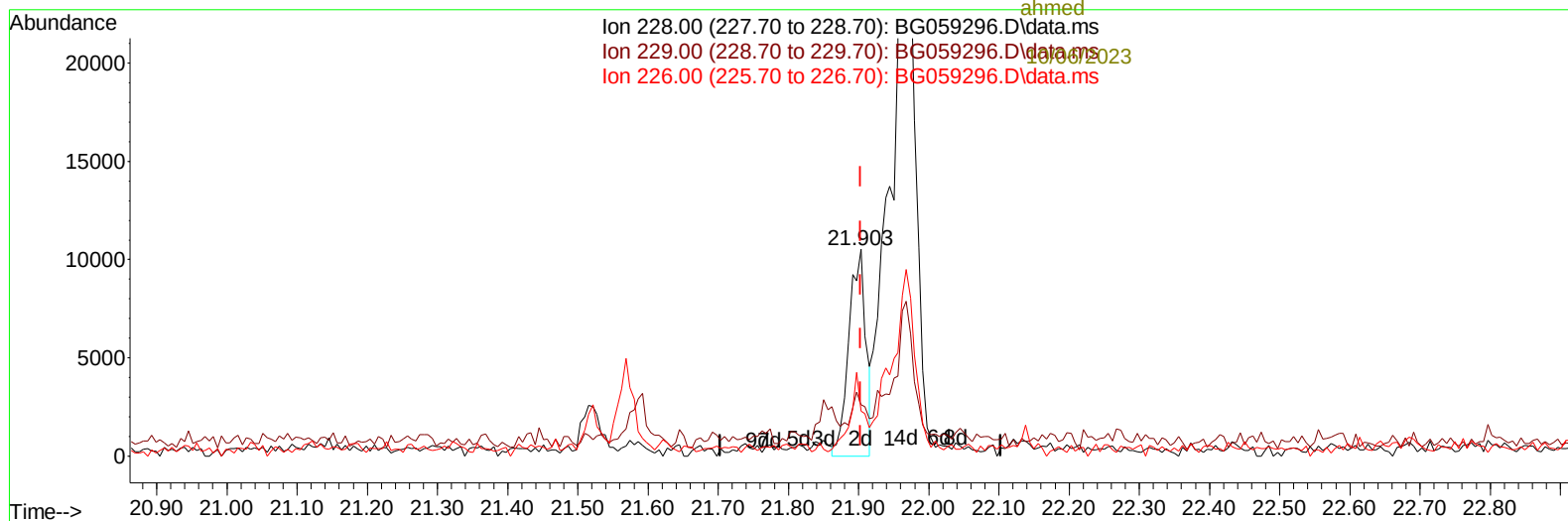
Instrument :
BNA_G
ClientSampleId :
EZYK6

Manual IntegrationsAPPROVED

Quant Time: Oct 06 00:08:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
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Patel

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Supervised By :mohammad
ahmed



TIC: BG059296.D\data.ms

(85) Benzo(a)anthracene

21.903min (-0.000) 1.45 ng/ul m

response 17619

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	24.89#
226.00	26.80	21.67
0.00	0.00	0.00

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Sample : 04527-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

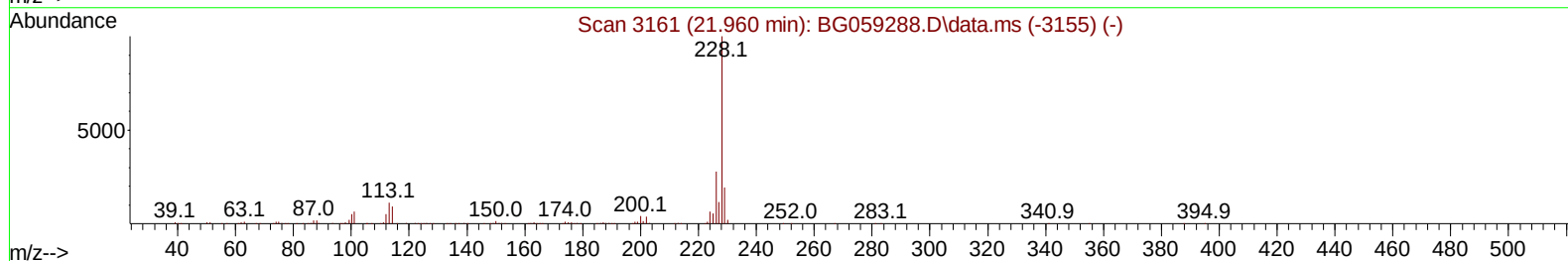
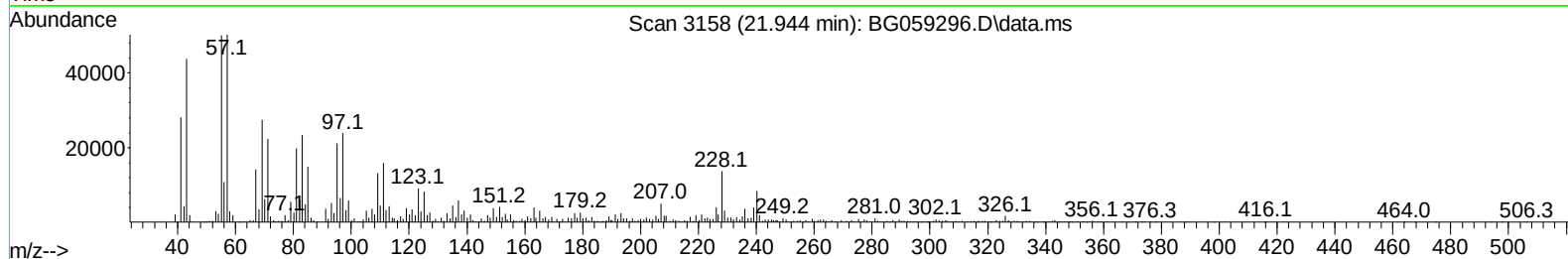
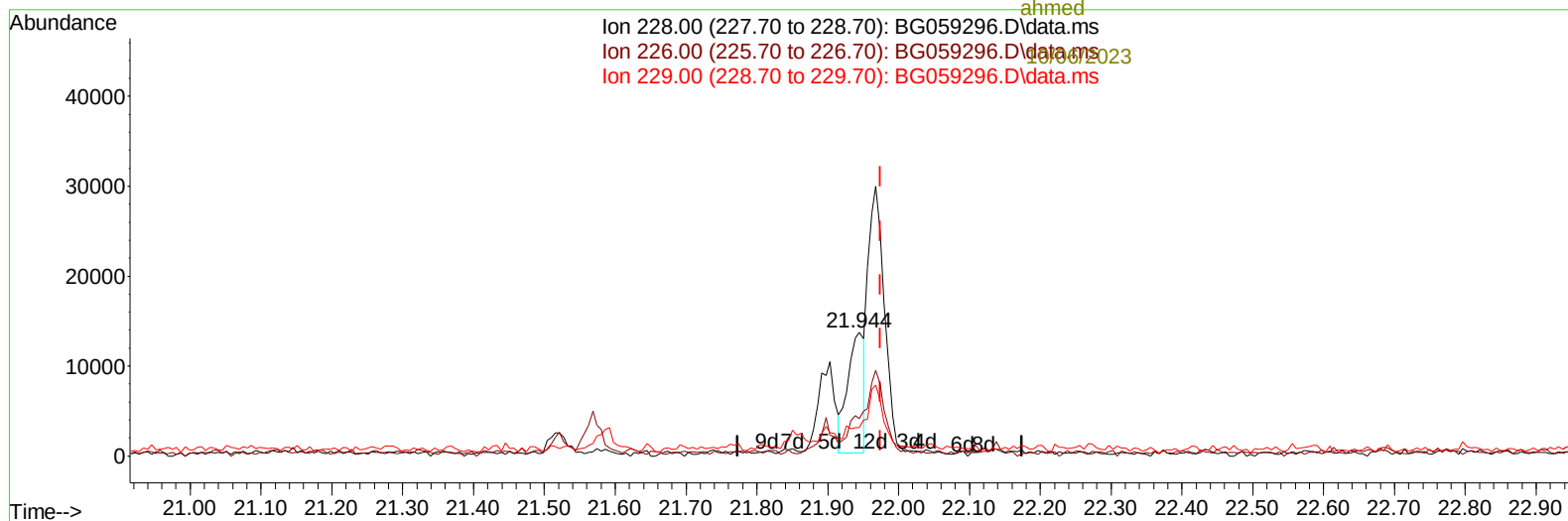
Instrument :
BNA_G
ClientSampleId :
EZYK6

Manual IntegrationsAPPROVED

Quant Time: Oct 06 00:09:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
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Patel

10/06/2023
Supervised By :mohammad
ahmed



TIC: BG059296.D\data.ms

(87) Chrysene

21.944min (-0.029) 1.89 ng/u1

response 21597

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.30	30.14
229.00	20.20	22.88
0.00	0.00	0.00

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Operator : MA/JU
Sample : 04527-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

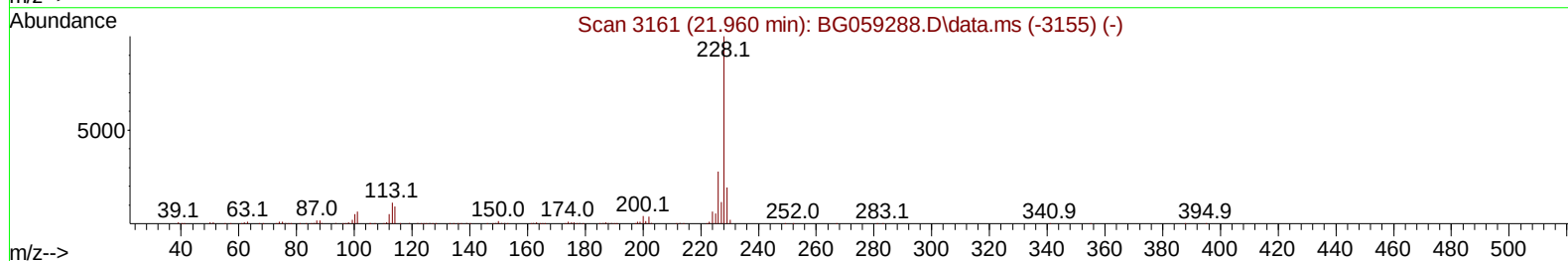
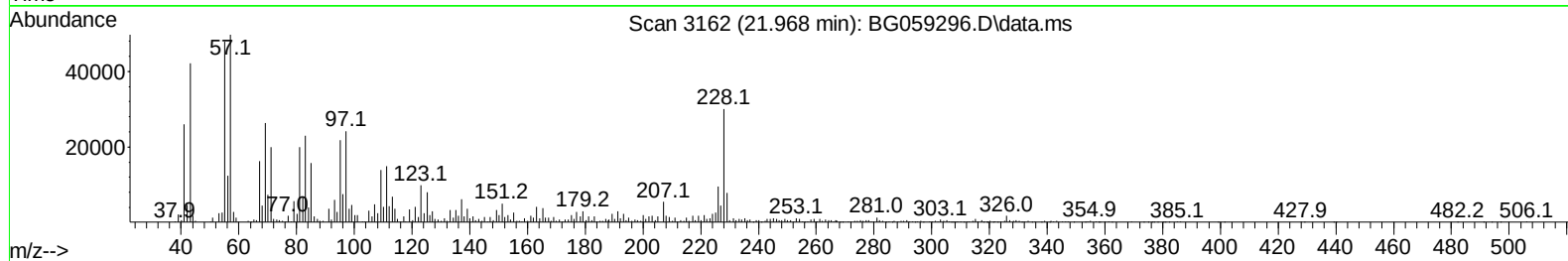
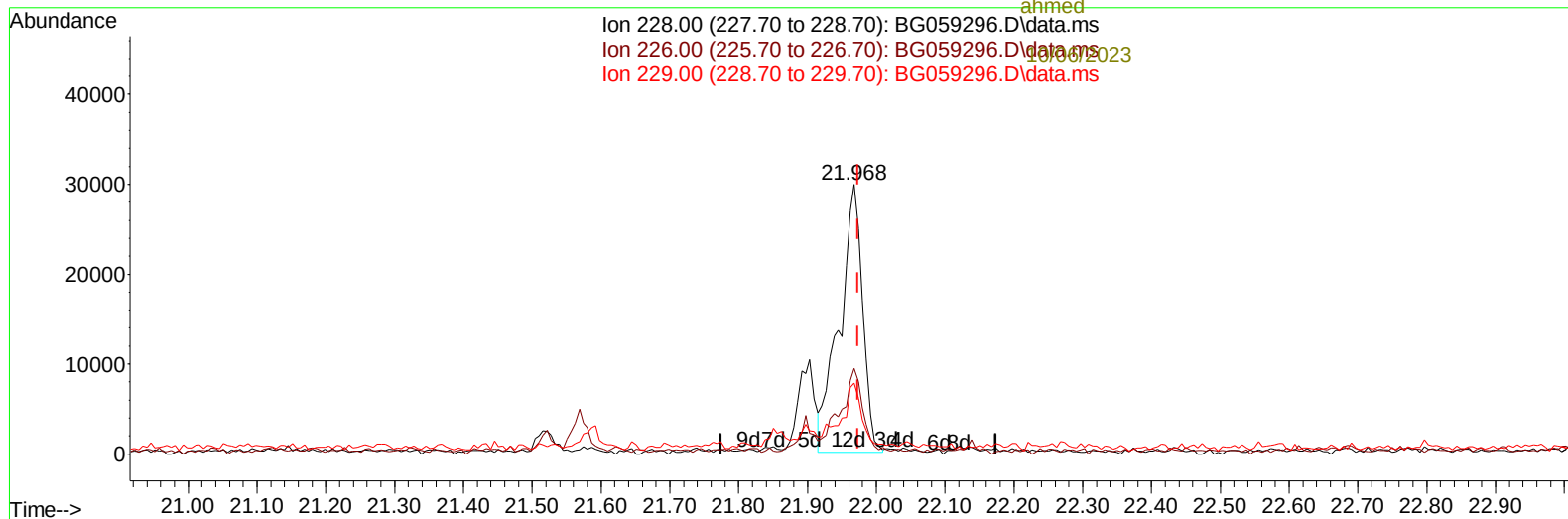
Instrument :
BNA_G
ClientSampleId :
EZYK6

Manual IntegrationsAPPROVED

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Patel

10/06/2023
Supervised By :mohammad
ahmed



TIC: BG059296.D\data.ms

(87) Chrysene

21.968min (-0.006) 6.10 ng/ul m

response 69835

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.30	31.70
229.00	20.20	26.34#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 04527-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

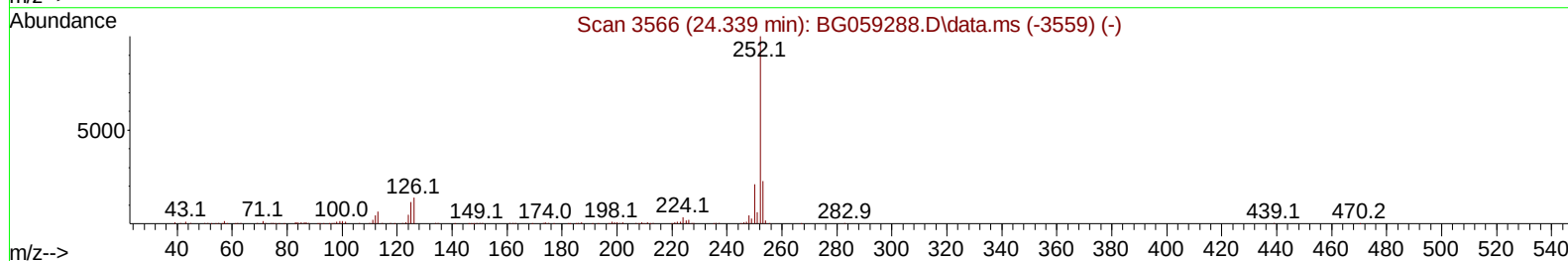
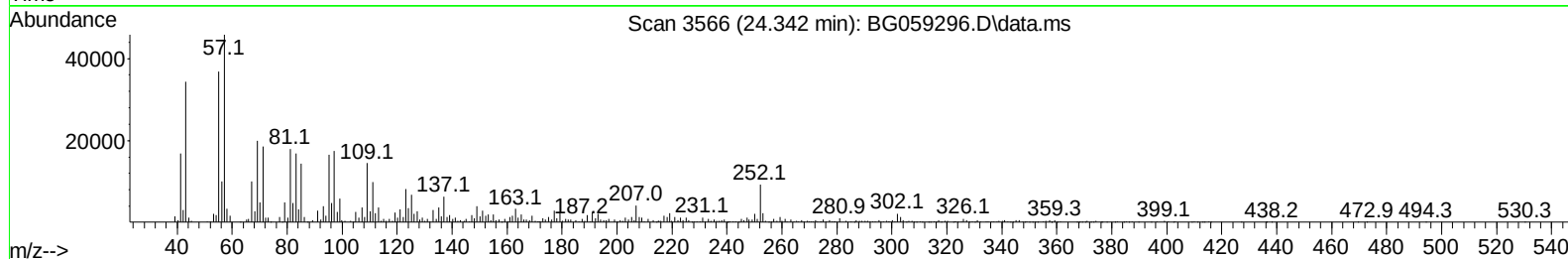
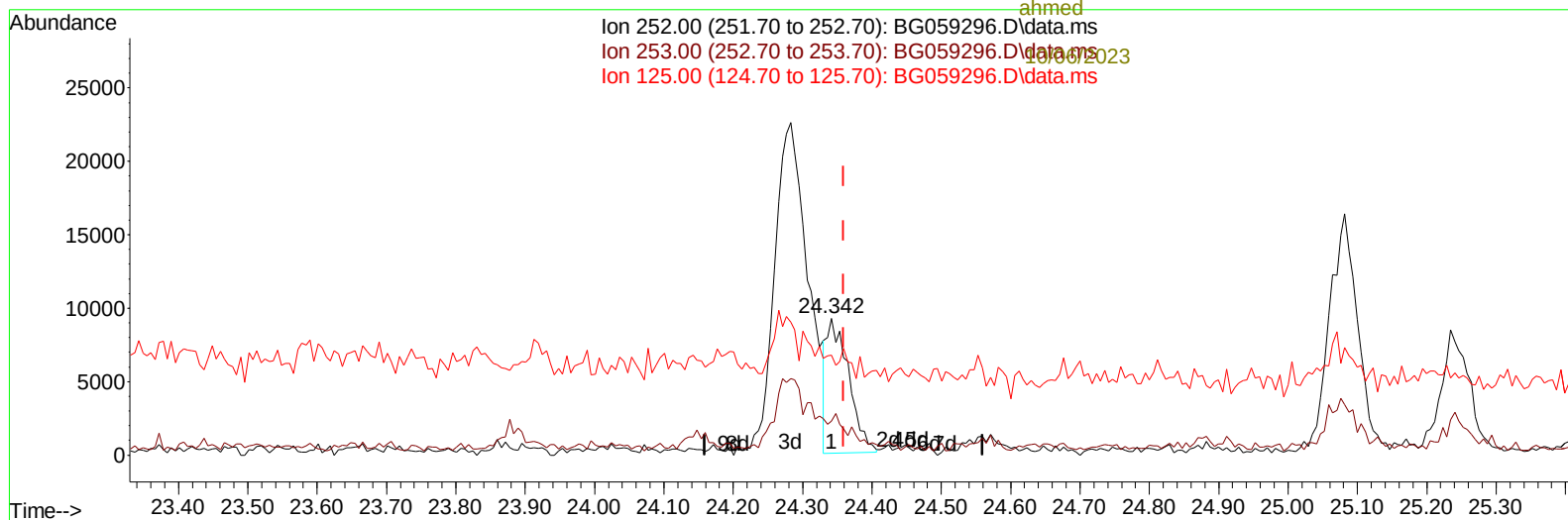
Instrument :
 BNA_G
 ClientSampleId :
 EZYK6

Manual IntegrationsAPPROVED

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 ahmed



TIC: BG059296.D\data.ms

(91) Benzo(k)fluoranthene

24.342min (-0.018) 1.53 ng/u1

response 20020

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	24.91
125.00	10.10	73.01#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059296.D
 Acq On : 5 Oct 2023 14:41
 Operator : MA/JU
 Sample : 04527-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

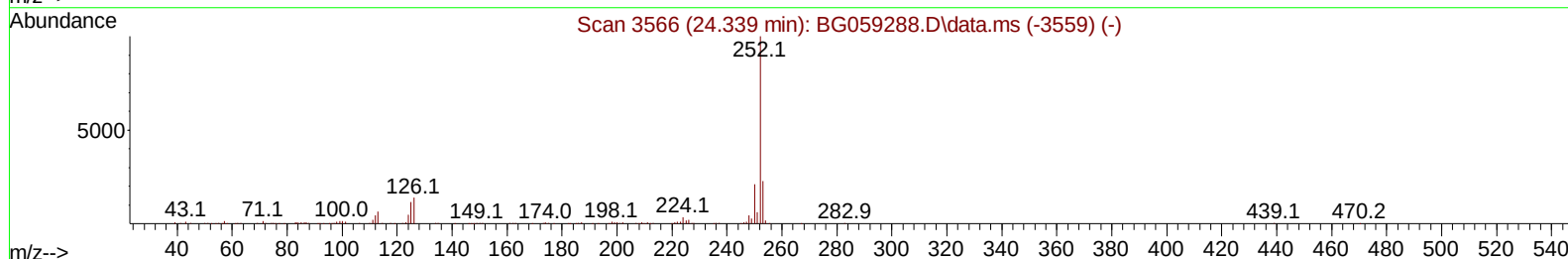
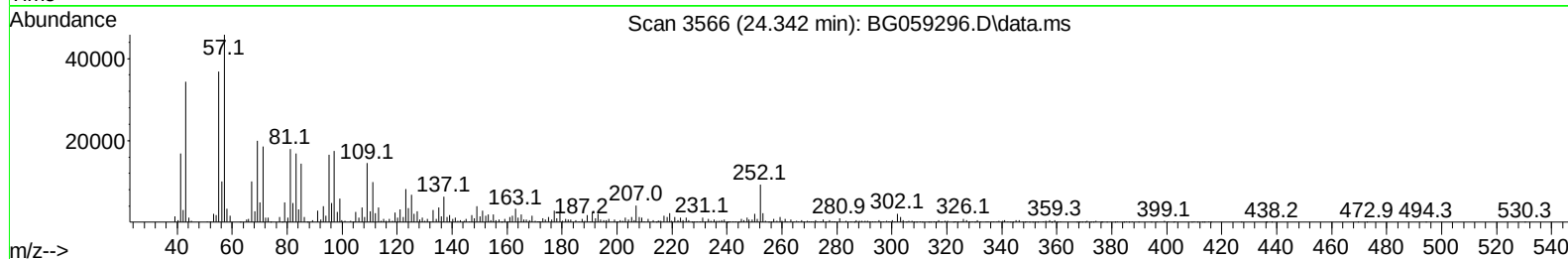
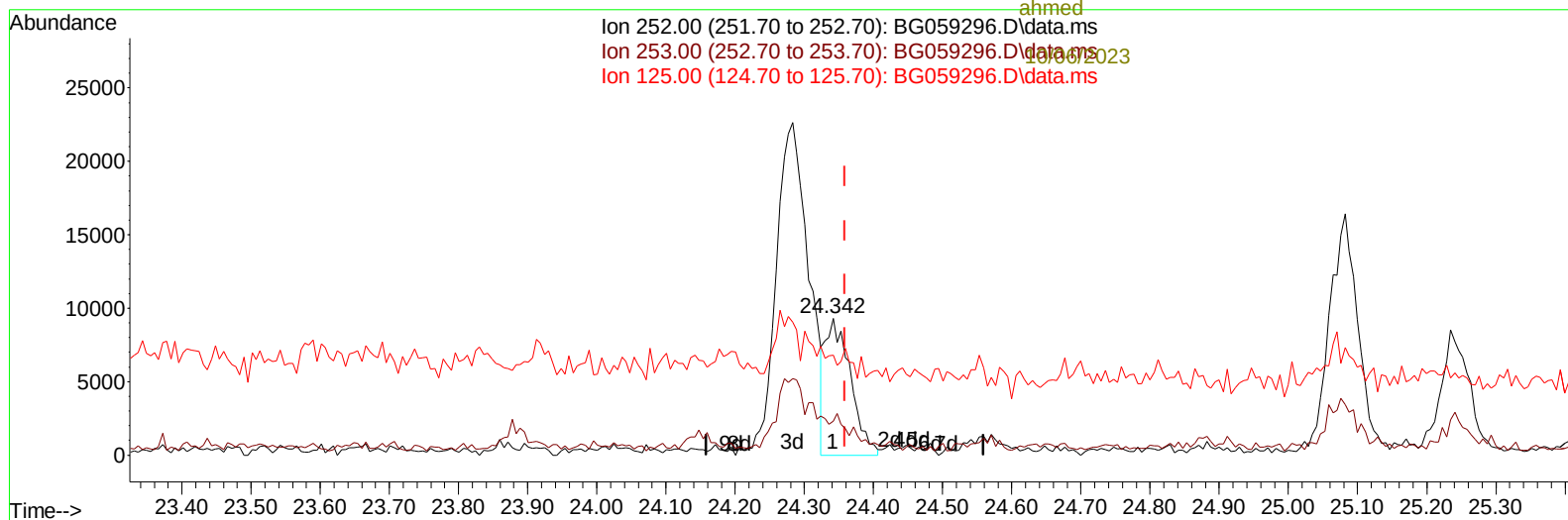
Instrument :
 BNA_G
 ClientSampleId :
 EZYK6

Manual IntegrationsAPPROVED

Quant Time: Oct 06 00:09:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

Reviewed By :Yogesh
 Patel

10/06/2023
 Supervised By :mohammad
 ahmed



TIC: BG059296.D\data.ms

(91) Benzo(k)fluoranthene

24.342min (-0.018) 1.79 ng/ul m

response 23460

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	24.91
125.00	10.10	73.01#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059296.D
 Acq On : 5 Oct 2023 14:41
 Operator : MA/JU
 Sample : 04527-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

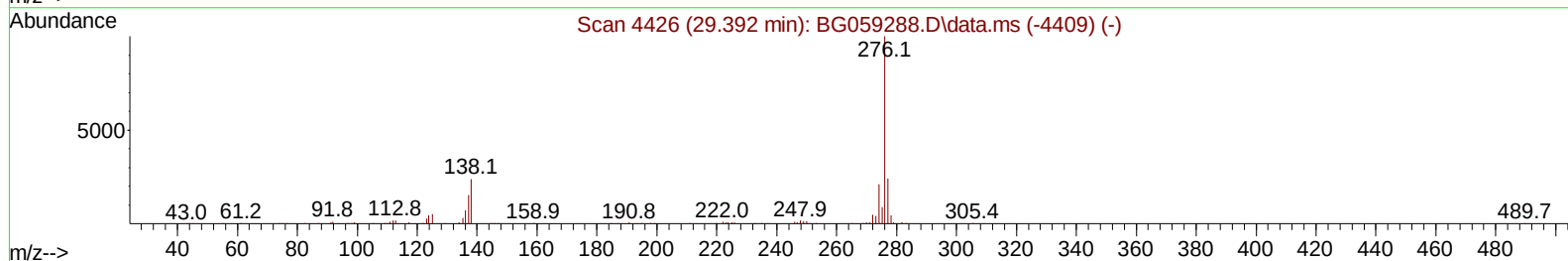
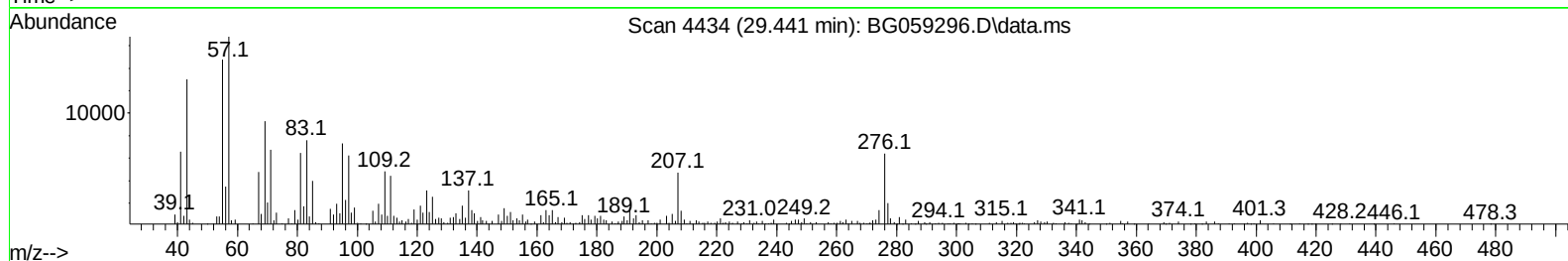
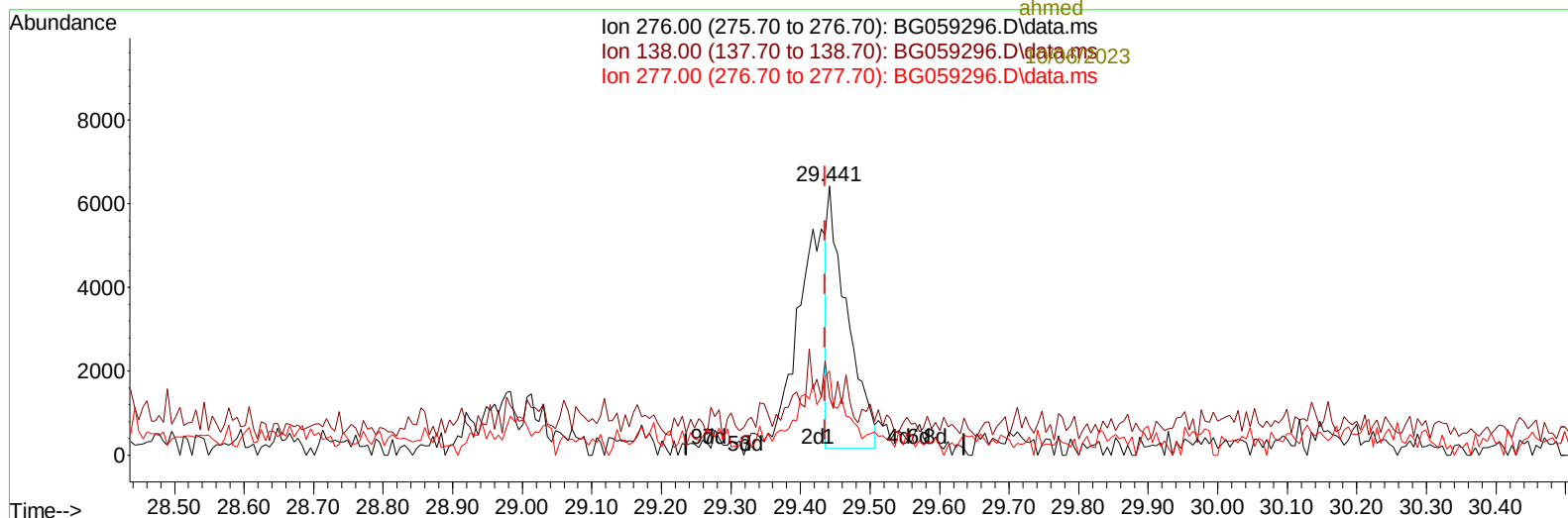
Instrument :
 BNA_G
 ClientSampleId :
 EZYK6

Manual IntegrationsAPPROVED

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 Patel

10/06/2023
 Supervised By :mohammad
 ahmed



TIC: BG059296.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.441min (+ 0.006) 0.87 ng/u1

response 12102

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	21.43
277.00	23.30	31.37#
0.00	0.00	0.00

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Acq On : 5 Oct 2023 14:41
Operator : MA/JU
Sample : 04527-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

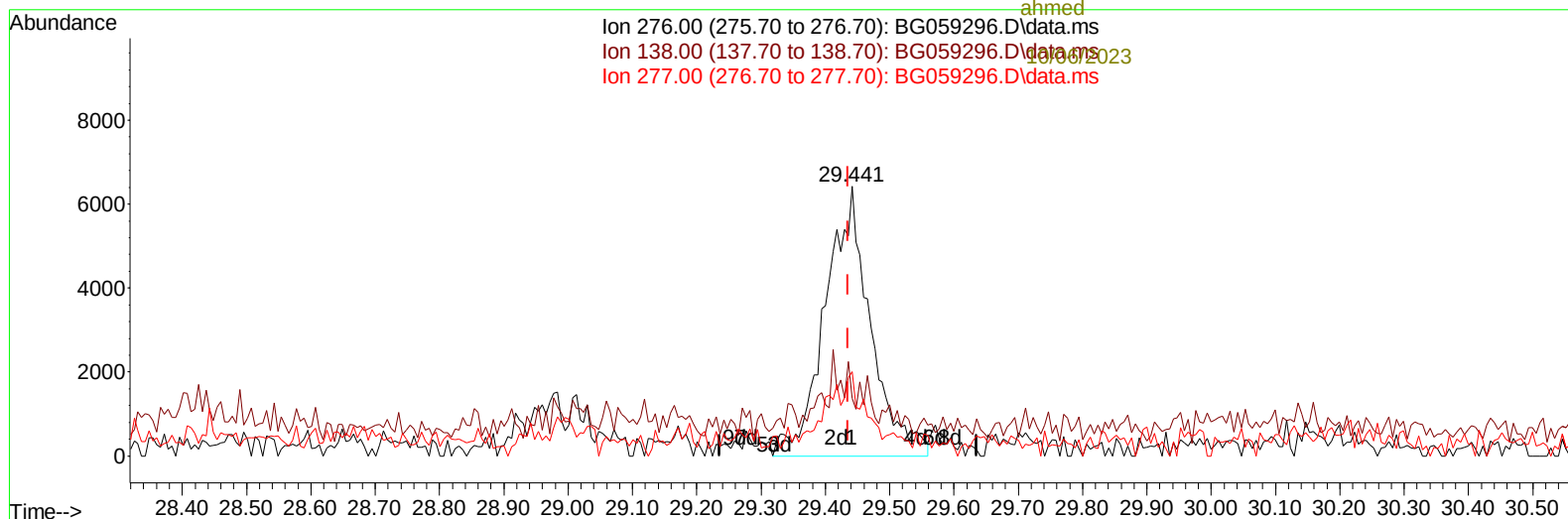
Instrument :
BNA_G
ClientSampleId :
EZYK6

Manual IntegrationsAPPROVED

Quant Time: Oct 06 00:09:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Reviewed By :Yogesh
Patel

10/06/2023
Supervised By :mohammad
ahmed



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059296.D
Acq On : 5 Oct 2023 14:41
Operator : MA/JU
Sample : 04527-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

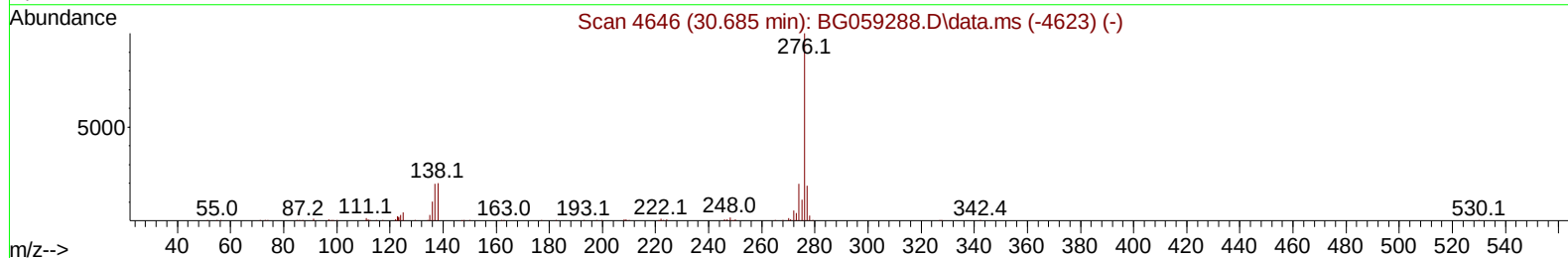
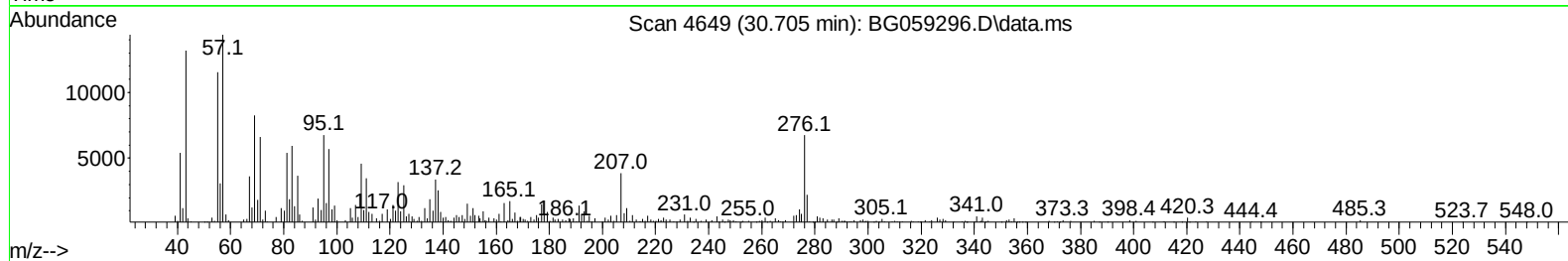
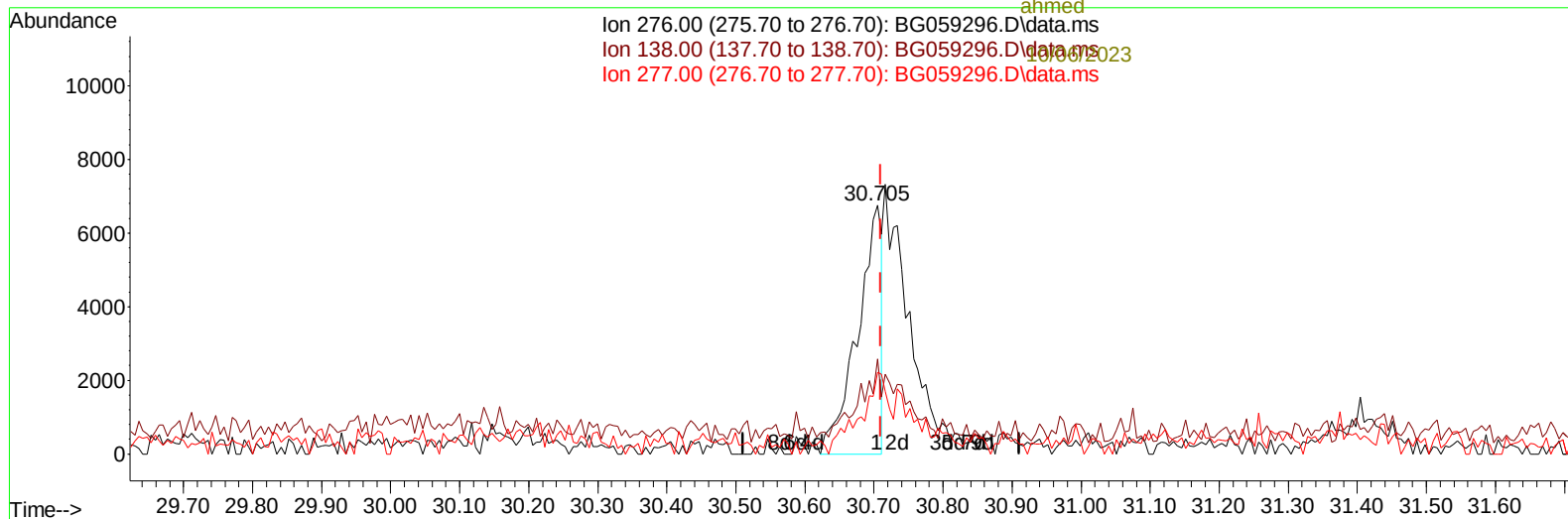
Instrument :
BNA_G
ClientSampleId :
EZYK6

Manual IntegrationsAPPROVED

Quant Time: Oct 06 00:11:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Reviewed By :Yogesh
Patel

10/06/2023
Supervised By :mohammad
ahmed



TIC: BG059296.D\data.ms

(96) Benzo(g,h,i)perylene

30.705min (-0.006) 1.46 ng/u1

response 16451

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	38.16#
277.00	25.00	32.96#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
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 Acq On : 5 Oct 2023 14:41
 Operator : MA/JU
 Sample : 04527-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYK6

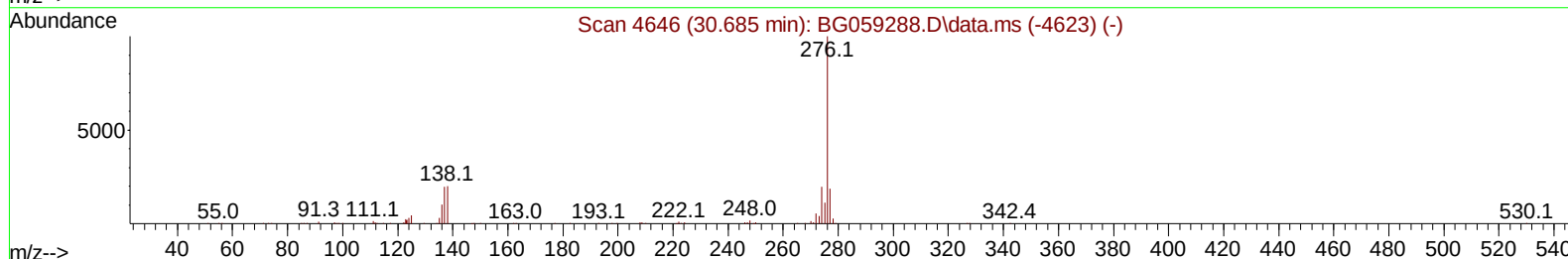
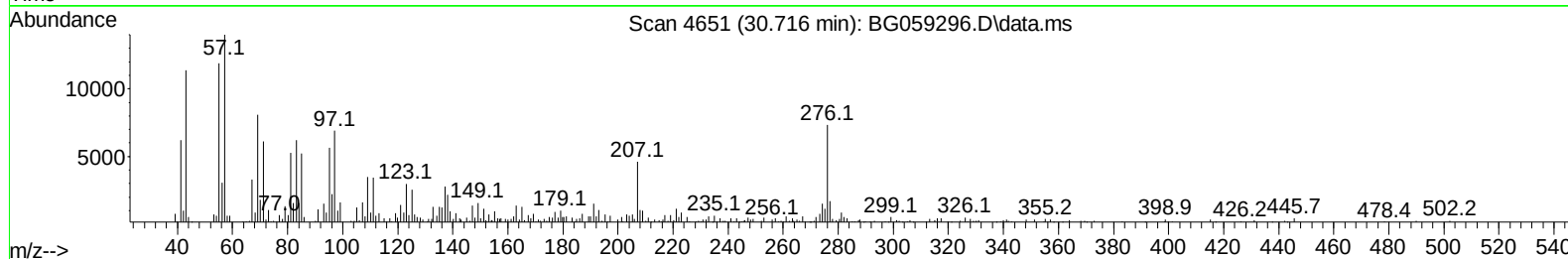
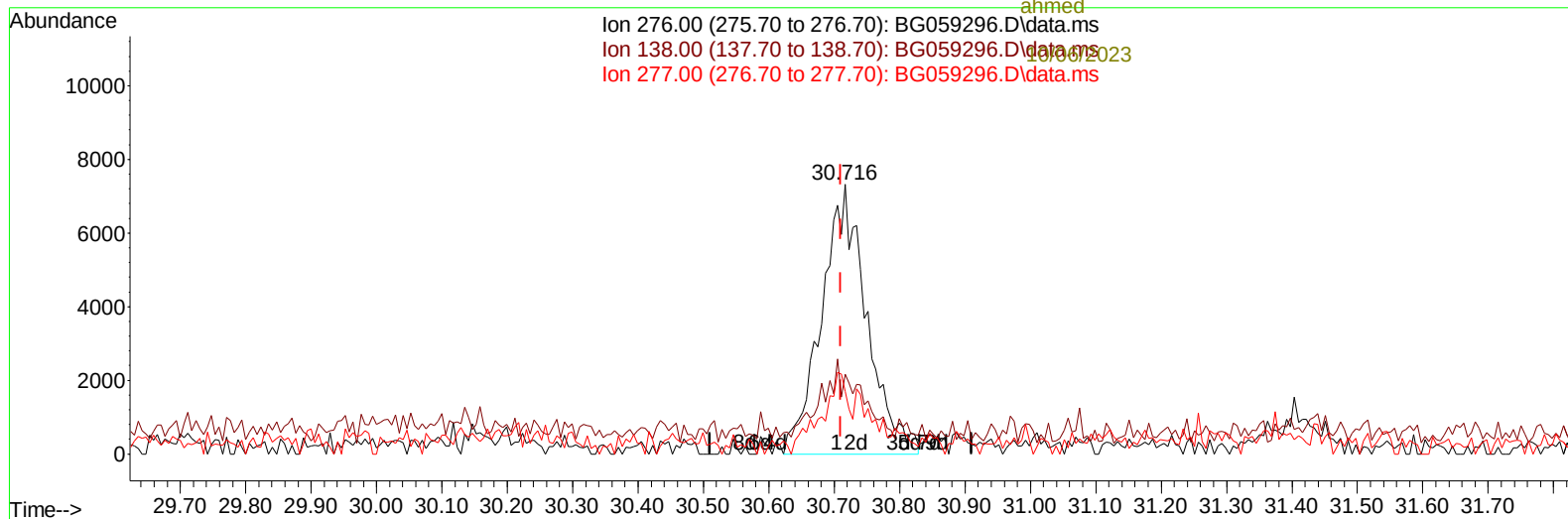
Manual IntegrationsAPPROVED

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 ahmed

Ion 276.00 (275.70 to 276.70): BG059296.D\data.ms
 Ion 138.00 (137.70 to 138.70): BG059296.D\data.ms
 Ion 277.00 (276.70 to 277.70): BG059296.D\data.ms



TIC: BG059296.D\data.ms

(96) Benzo(g,h,i)perylene

30.716min (+ 0.006) 3.10 ng/ul m

response 34948

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.80	29.56#
277.00	25.00	23.23
0.00	0.00	0.00

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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYK6

Manual IntegrationsAPPROVED

Quant Time: Oct 06 00:11:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----10/06/2023						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	33604	20.000	ng/ul	0.00
20) Naphthalene-d8	11.075	136	158453	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.864	164	98221	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.614	188	210708	20.000	ng/ul	0.00
79) Chrysene-d12	21.921	240	172058	20.000	ng/ul	0.00
88) Perylene-d12	25.411	264	210662	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	3914	4.396	ng/uL	0.00
4) Pyridine-d5	3.965	84	5050	1.944	ng/ul	0.00
7) Phenol-d5	7.361	99	49580	14.740	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	36774	17.114	ng/ul	0.00
11) 2-Chlorophenol-d4	7.749	132	11731	5.188	ng/ul	0.00
15) 4-Methylphenol-d8	8.924	113	11239	4.322	ng/ul	0.00
21) Nitrobenzene-d5	9.430	128	23947	21.417	ng/ul	0.00
24) 2-Nitrophenol-d4	10.141	143	6156	5.608	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.675	165	1630	0.723	ng/ul	0.00
31) 4-Chloroaniline-d4	11.222	131	50786	13.921	ng/ul	0.00
46) Dimethylphthalate-d6	14.259	166	166610	23.462	ng/ul	0.00
49) Acenaphthylene-d8	14.571	160	213862	23.993	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.852	176	161989	23.967	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.904	200	163	0.150	ng/ul	-0.06
73) Anthracene-d10	17.714	188	209187	21.788	ng/ul	0.00
81) Pyrene-d10	19.988	212	255317	26.498	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.170	264	237843	23.495	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.077	105	19013	4.721	ng/ul	91
36) 2-Methylnaphthalene	12.714	142	7411	1.332	ng/ul	83
72) Phenanthrene	17.655	178	20572	1.779	ng/ul#	90
80) Fluoranthene	19.653	202	46503	3.918	ng/ul#	94
82) Pyrene	20.017	202	51124	4.066	ng/ul#	95
85) Benzo(a)anthracene	21.903	228	17619m	1.455	ng/ul	
87) Chrysene	21.968	228	69835m	6.105	ng/ul	
90) Benzo(b)fluoranthene	24.283	252	71916	5.574	ng/ul#	74
91) Benzo(k)fluoranthene	24.342	252	23460m	1.794	ng/ul	
93) Benzo(a)pyrene	25.235	252	22790	1.862	ng/ul#	45
94) Indeno(1,2,3-cd)pyrene	29.441	276	31254m	2.256	ng/ul	
96) Benzo(g,h,i)perylene	30.716	276	34948m	3.102	ng/ul	

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

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