

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059295.D
 Acq On : 5 Oct 2023 14:00
 Operator : MA/JU
 Sample : 04527-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYY8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 06 00:00:27 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	30937	20.000	ng/u1	0.00
20) Naphthalene-d8	11.074	136	145420	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.863	164	88482	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.613	188	195200	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.914	240	165993	20.000	ng/u1	0.00
88) Perylene-d12	25.404	264	195106	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	4458	5.439	ng/uL	0.00
4) Pyridine-d5	3.970	84	8000	3.345	ng/u1	0.00
7) Phenol-d5	7.361	99	48780	15.752	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	35963	18.179	ng/u1	0.00
11) 2-Chlorophenol-d4	7.748	132	28119	13.508	ng/u1	0.00
15) 4-Methylphenol-d8	8.929	113	36615	15.296	ng/u1	0.00
21) Nitrobenzene-d5	9.429	128	23483	22.884	ng/u1	0.00
24) 2-Nitrophenol-d4	10.145	143	8483	8.421	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.674	165	12953	6.259	ng/u1	0.00
31) 4-Chloroaniline-d4	11.221	131	63872	19.077	ng/u1	0.00
46) Dimethylphthalate-d6	14.258	166	144908	22.652	ng/u1	0.00
49) Acenaphthylene-d8	14.570	160	188617	23.490	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
60) Fluorene-d10	15.851	176	145832	23.951	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.713	188	194216	21.836	ng/u1	0.00
81) Pyrene-d10	19.987	212	249995	26.893	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.157	264	243985	26.023	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.076	105	15567	4.199	ng/u1	99
30) Naphthalene	11.127	128	13290	1.705	ng/u1#	93
72) Phenanthrene	17.654	178	61439	5.735	ng/u1	98
80) Fluoranthene	19.652	202	111394	9.728	ng/u1	97
82) Pyrene	20.016	202	77906	6.423	ng/u1	96
85) Benzo(a)anthracene	21.896	228	52863	4.524	ng/u1	98
87) Chrysene	21.961	228	95626	8.665	ng/u1	99
90) Benzo(b)fluoranthene	24.264	252	135266	11.319	ng/u1#	96
91) Benzo(k)fluoranthene	24.335	252	48267m	3.986	ng/u1	
93) Benzo(a)pyrene	25.228	252	63786	5.627	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	29.405	276	69263m	5.397	ng/u1	
95) Dibenzo(a,h)anthracene	29.488	278	20656m	1.979	ng/u1	
96) Benzo(g,h,i)perylene	30.692	276	69604m	6.671	ng/u1	

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

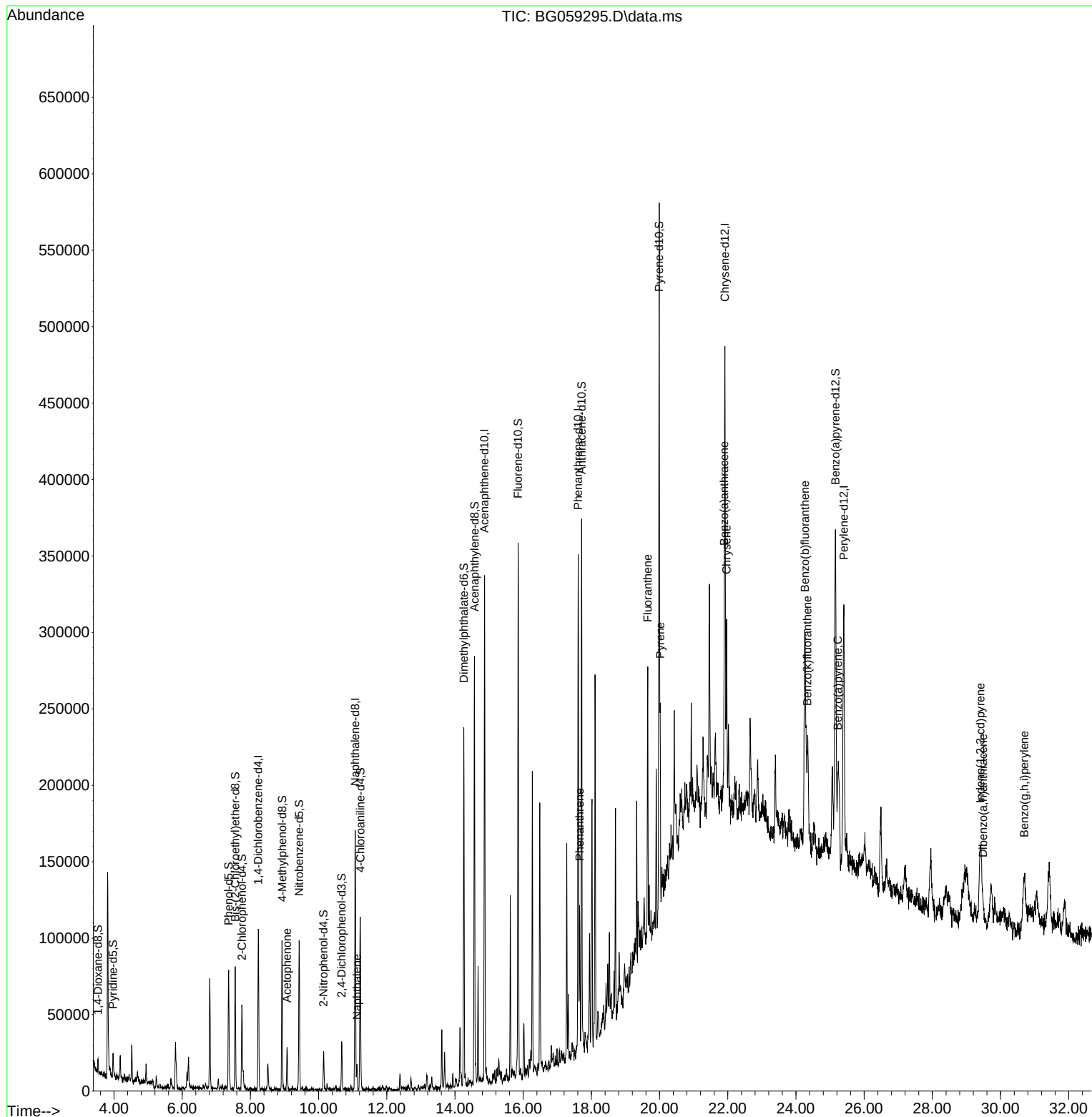
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059295.D
 Acq On : 5 Oct 2023 14:00
 Operator : MA/JU
 Sample : 04527-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

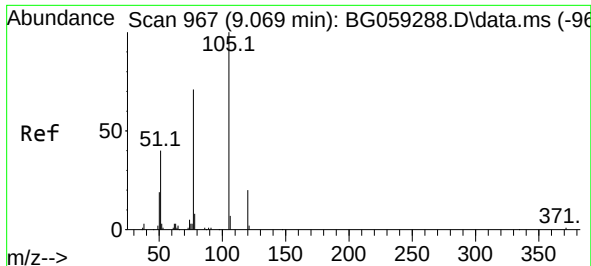
Instrument :
 BNA_G
 ClientSampleId :
 EZYY8

Quant Time: Oct 06 00:00:27 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
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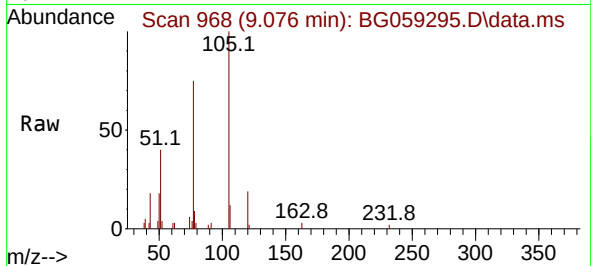
Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/06/2023





#16
Acetophenone
Concen: 4.199 ng/ul
RT: 9.076 min Scan# 906
Delta R.T. -0.001 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

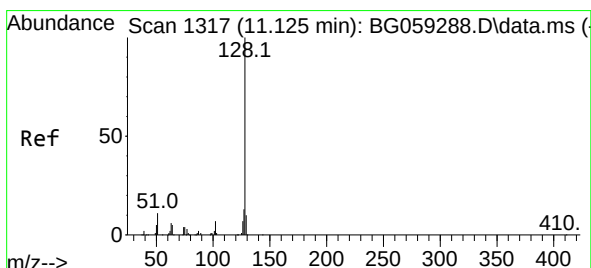
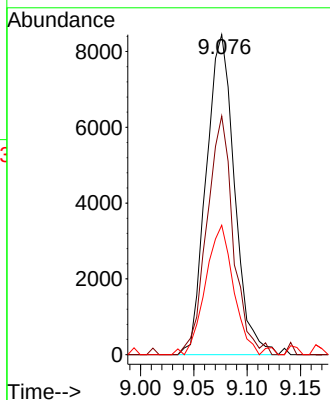
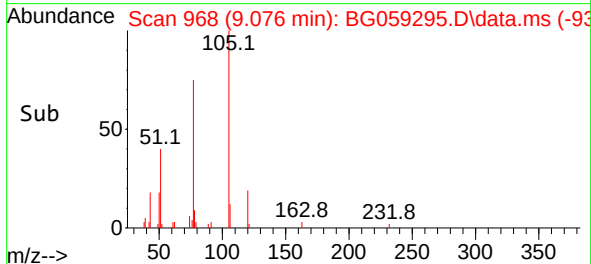
Instrument :
BNA_G
ClientSampleId :
EZY8



Tgt Ion:105 Resp: 1556
Ion Ratio Lower Upper
105 100
77 74.6 58.8 88.2
51 40.4 32.6 48.8

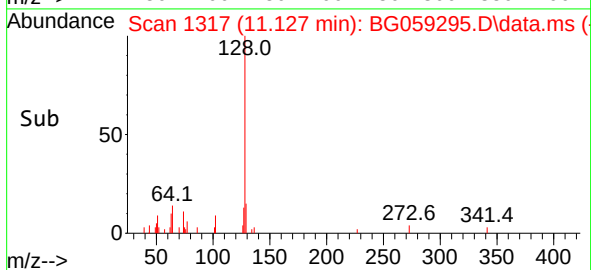
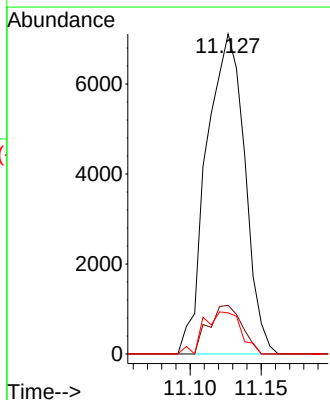
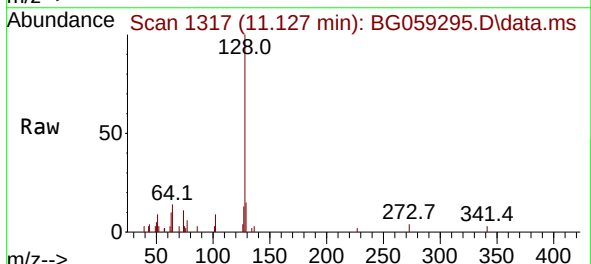
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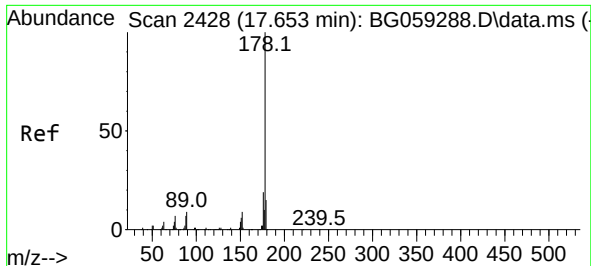
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#30
Naphthalene
Concen: 1.705 ng/ul
RT: 11.127 min Scan# 1317
Delta R.T. -0.001 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

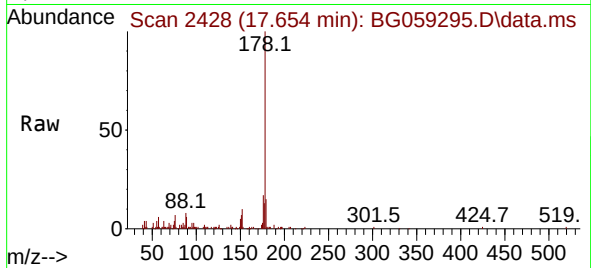
Tgt Ion:128 Resp: 13290
Ion Ratio Lower Upper
128 100
129 15.2 8.0 12.0#
127 12.9 11.1 16.7





#72
Phenanthrene
Concen: 5.735 ng/u1
RT: 17.654 min Scan# 2428
Delta R.T. -0.007 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

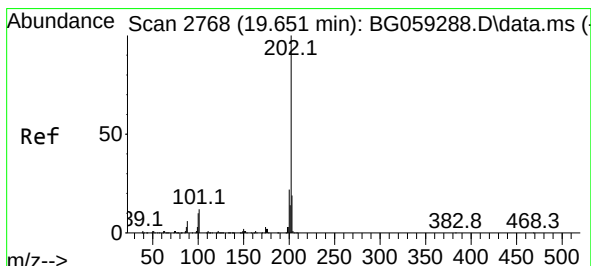
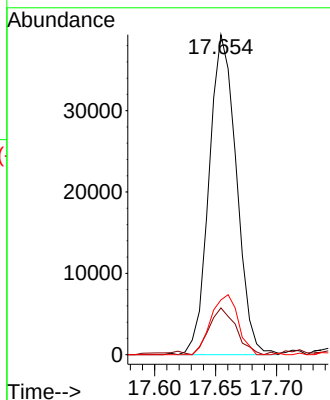
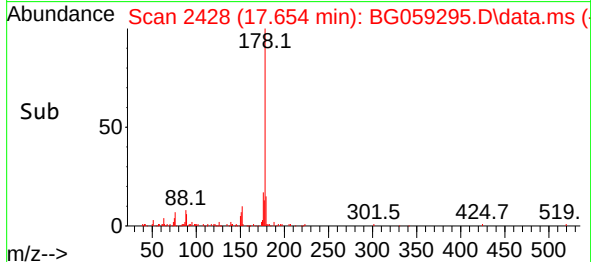
Instrument :
BNA_G
ClientSampleId :
EZY8



Tgt Ion:178 Resp: 61439
Ion Ratio Lower Upper
178 100
179 14.6 12.3 18.5
176 17.1 14.6 21.8

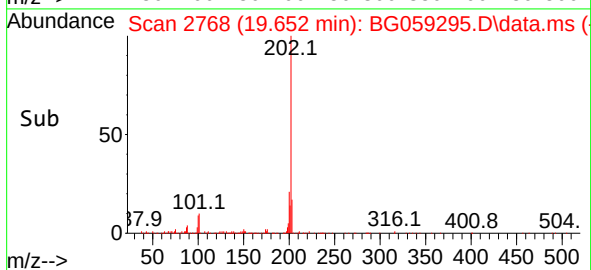
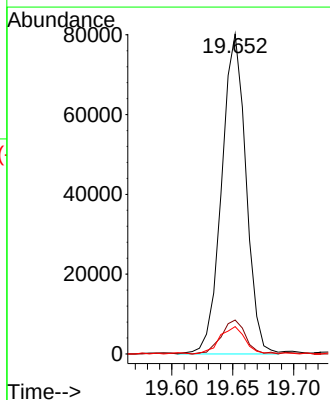
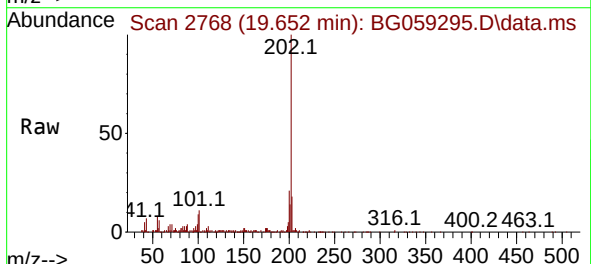
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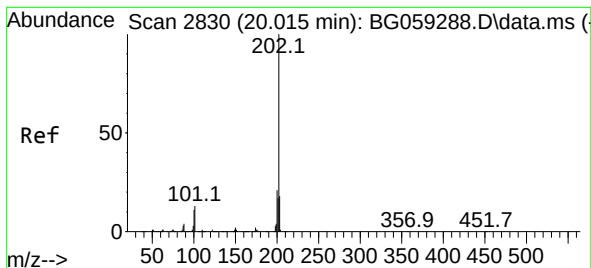
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#80
Fluoranthene
Concen: 9.728 ng/u1
RT: 19.652 min Scan# 2768
Delta R.T. -0.007 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Tgt Ion:202 Resp: 111394
Ion Ratio Lower Upper
202 100
101 10.6 8.2 12.4
100 8.5 8.2 12.2





#82

Pyrene

Concen: 6.423 ng/ul

RT: 20.016 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG059295.D

Acq: 5 Oct 2023 14:00

Instrument :

BNA_G

ClientSampleId :

EZYY8

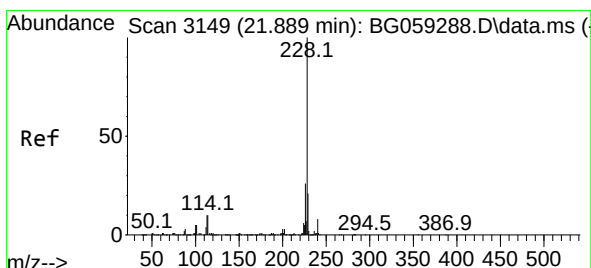
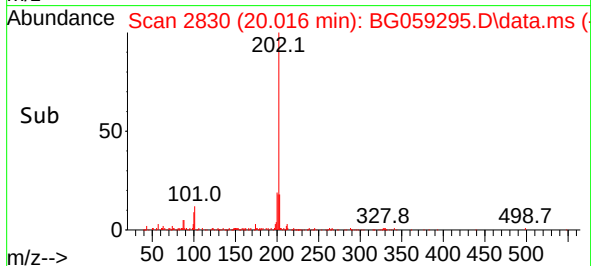
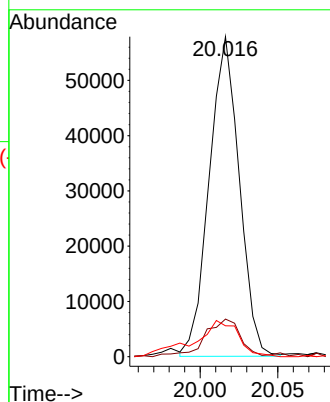
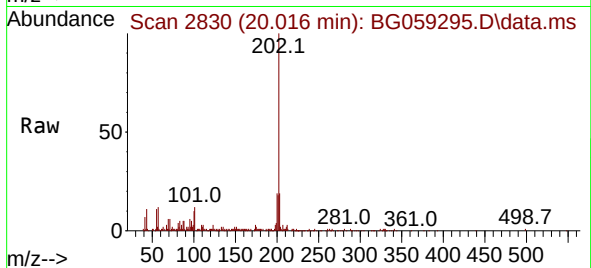
Tgt Ion:	202	Resp:	77900
Ion Ratio	Lower	Upper	
202	100		
101	11.8	10.2	15.4
100	9.7	9.6	14.4

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Supervised By :mohammad ahmed 10/06/2023



#85

Benzo(a)anthracene

Concen: 4.524 ng/ul

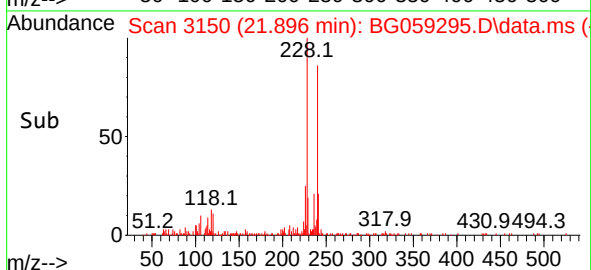
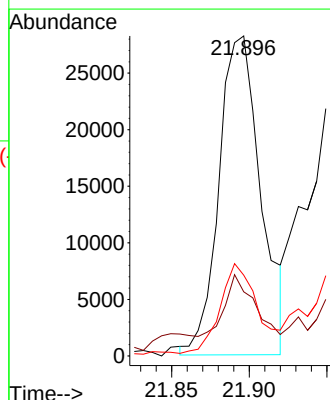
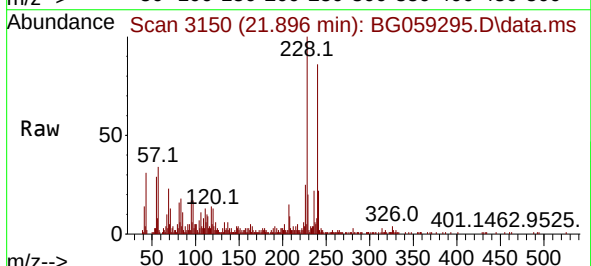
RT: 21.896 min Scan# 3150

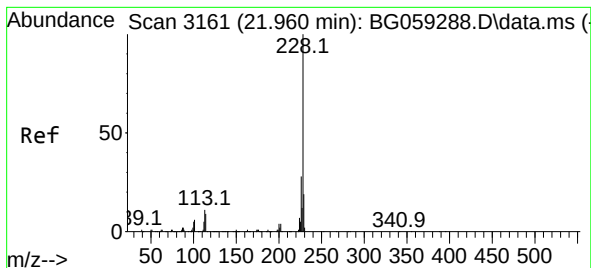
Delta R.T. -0.007 min

Lab File: BG059295.D

Acq: 5 Oct 2023 14:00

Tgt Ion:	228	Resp:	52863
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.5	23.3
226	25.2	21.4	32.2





#87

Chrysene

Concen: 8.665 ng/ul

RT: 21.961 min Scan# 3161

Delta R.T. -0.013 min

Lab File: BG059295.D

Acq: 5 Oct 2023 14:00

Instrument :

BNA_G

ClientSampleId :

EZYY8

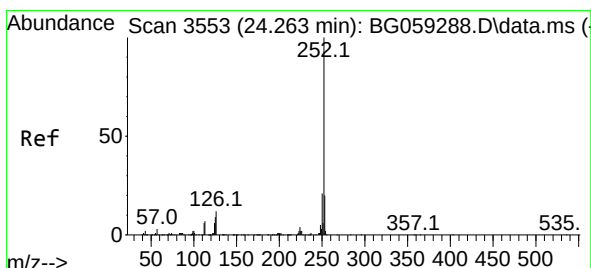
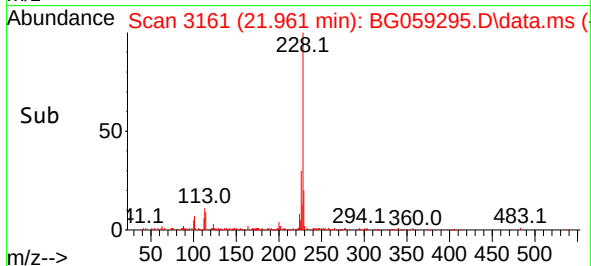
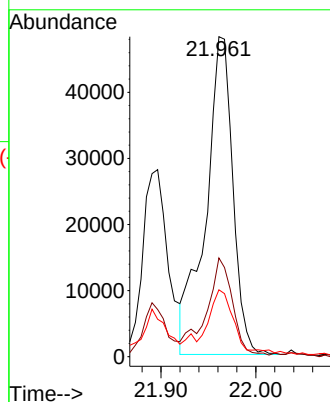
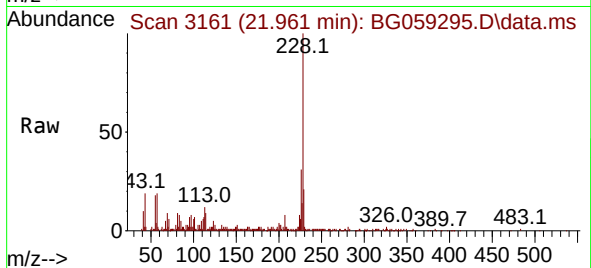
Tgt Ion:	228	Resp:	95620
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.2	36.4
229	20.9	16.2	24.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/06/2023



#90

Benzo(b)fluoranthene

Concen: 11.319 ng/ul

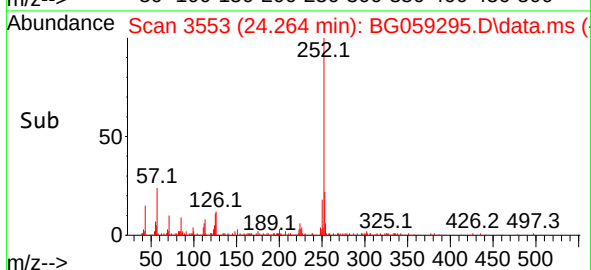
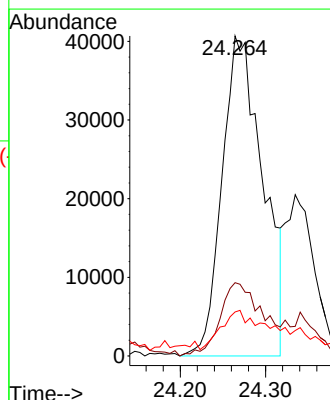
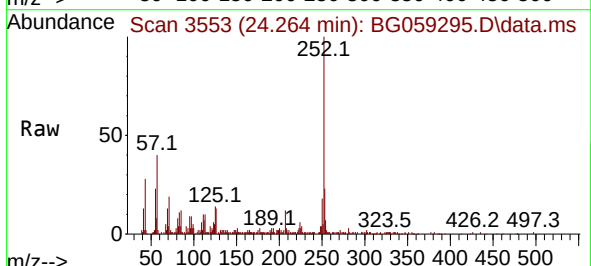
RT: 24.264 min Scan# 3553

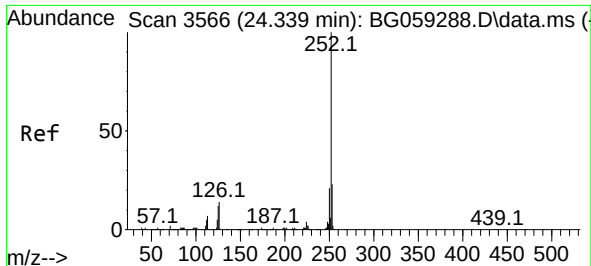
Delta R.T. -0.019 min

Lab File: BG059295.D

Acq: 5 Oct 2023 14:00

Tgt Ion:	252	Resp:	135266
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.0	27.0
125	13.7	8.1	12.1





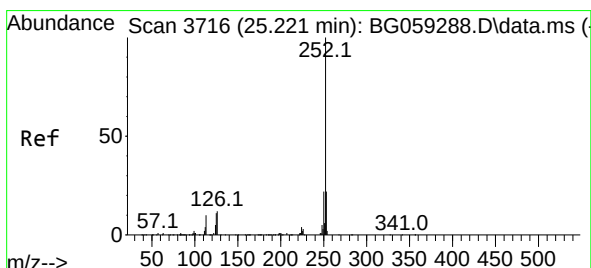
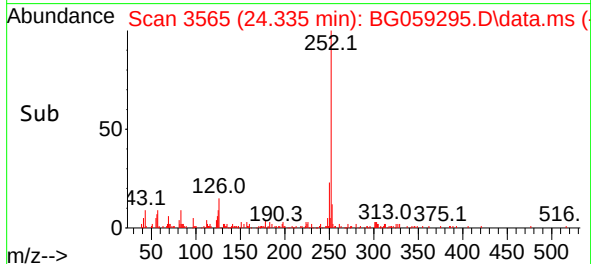
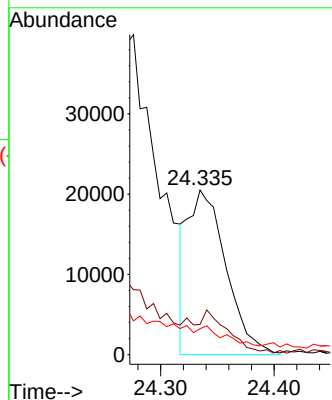
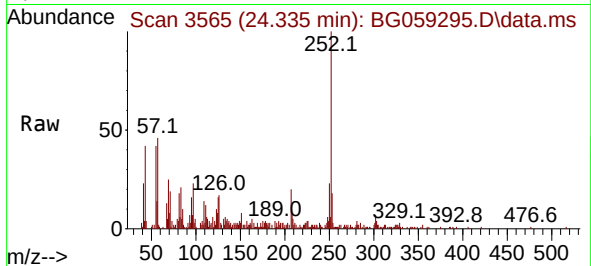
#91
Benzo(k)fluoranthene
Concen: 3.986 ng/ul m
RT: 24.335 min Scan# 3566
Delta R.T. -0.025 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Instrument :
BNA_G
ClientSampleId :
EZY8

Tgt Ion:252 Resp: 4826
Ion Ratio Lower Upper
252 100
253 18.4 17.6 26.4
125 15.8 8.1 12.1

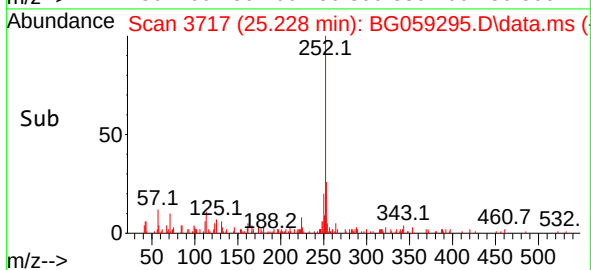
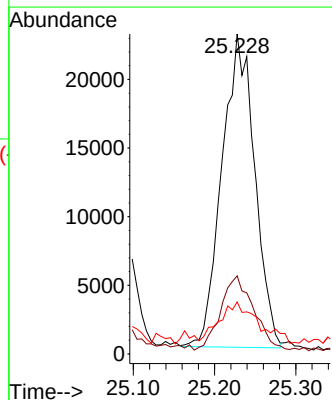
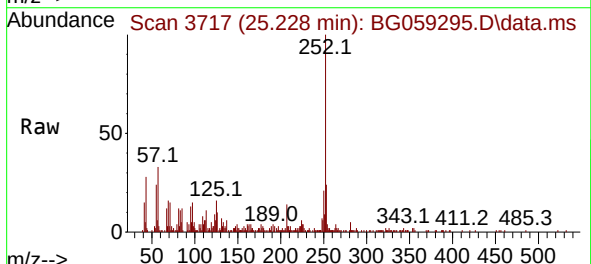
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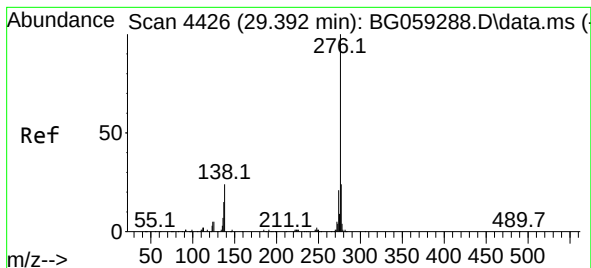
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#93
Benzo(a)pyrene
Concen: 5.627 ng/ul
RT: 25.228 min Scan# 3717
Delta R.T. -0.013 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Tgt Ion:252 Resp: 63786
Ion Ratio Lower Upper
252 100
253 24.4 17.2 25.8
125 16.3 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.397 ng/ul m

RT: 29.405 min Scan# 4426

Delta R.T. -0.030 min

Lab File: BG059295.D

Acq: 5 Oct 2023 14:00

Instrument :

BNA_G

ClientSampleId :

EZYY8

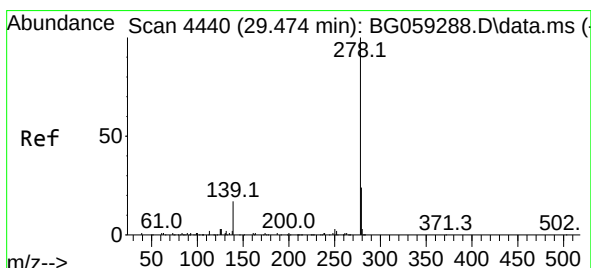
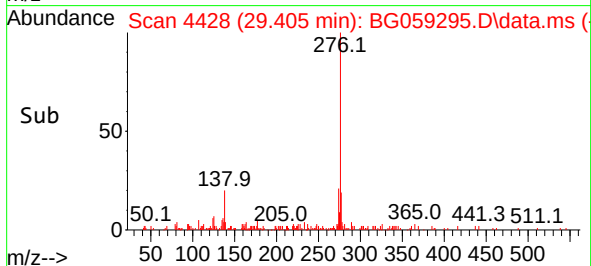
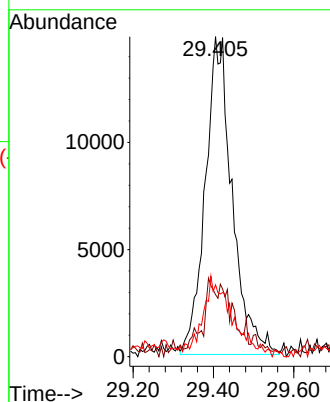
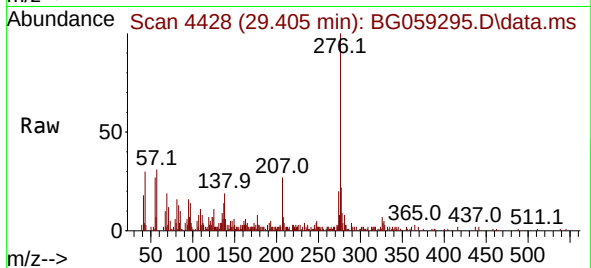
Tgt Ion:	276	Resp:	6926
Ion Ratio	Lower	Upper	
276	100		
138	19.4	17.0	25.6
277	22.5	18.6	28.0

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/06/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.979 ng/ul m

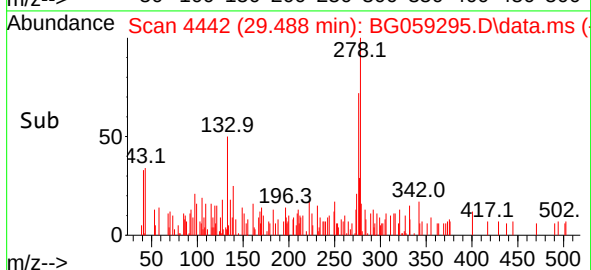
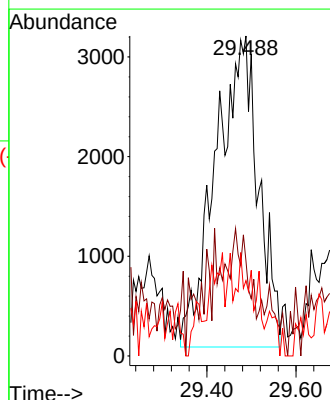
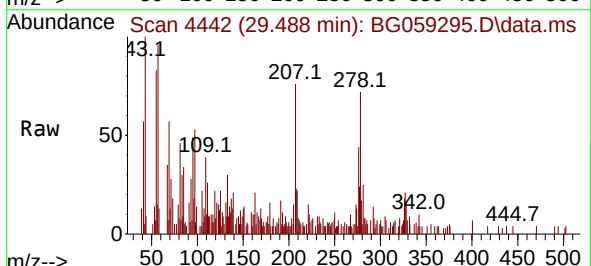
RT: 29.488 min Scan# 4442

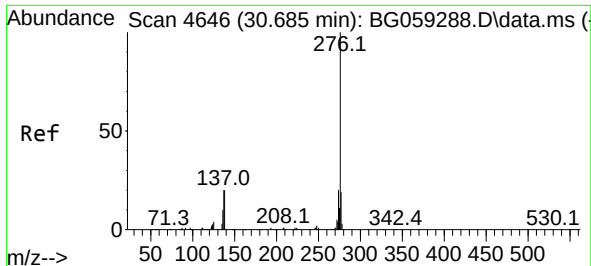
Delta R.T. -0.025 min

Lab File: BG059295.D

Acq: 5 Oct 2023 14:00

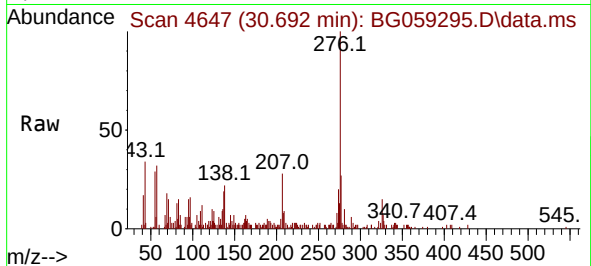
Tgt Ion:	278	Resp:	20656
Ion Ratio	Lower	Upper	
278	100		
139	29.7	12.1	18.1#
279	23.6	18.6	27.8





#96
 Benzo(g,h,i)perylene
 Concen: 6.671 ng/ul m
 RT: 30.692 min Scan# 4
 Delta R.T. -0.019 min
 Lab File: BG059295.D
 Acq: 5 Oct 2023 14:00

Instrument :
 BNA_G
 ClientSampleId :
 EZYY8



Tgt Ion:276 Resp: 69604
 Ion Ratio Lower Upper
 276 100
 138 21.6 16.6 25.0
 277 27.1 20.0 30.0

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 Supervised By :mohammad ahmed 10/06/2023

