

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059294.D
 Acq On : 5 Oct 2023 13:19
 Operator : MA/JU
 Sample : 04527-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYY7

Manual Integrations
 APPROVED

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

Quant Time: Oct 05 23:54:57 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

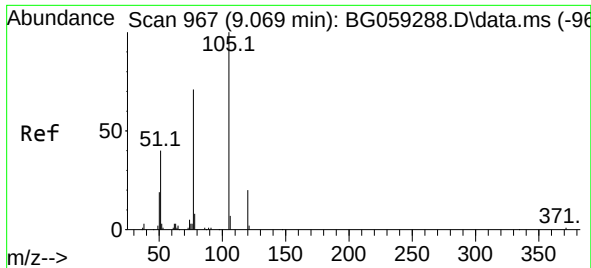
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	29665	20.000	ng/u1	0.00
20) Naphthalene-d8	11.074	136	140696	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.864	164	89664	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.614	188	188931m	20.000	ng/u1	0.00
79) Chrysene-d12	21.915	240	158115	20.000	ng/u1	0.00
88) Perylene-d12	25.393	264	187663	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.524	96	2461m	3.131	ng/uL	0.00
4) Pyridine-d5	3.971	84	4600	2.006	ng/u1	0.00
7) Phenol-d5	7.361	99	55719	18.764	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	34825	18.359	ng/u1	0.00
11) 2-Chlorophenol-d4	7.749	132	43339	21.712	ng/u1	0.00
15) 4-Methylphenol-d8	8.930	113	16543	7.207	ng/u1	0.00
21) Nitrobenzene-d5	9.429	128	23711	23.882	ng/u1	0.00
24) 2-Nitrophenol-d4	10.152	143	26732	27.427	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.681	165	42189	21.071	ng/u1	0.00
31) 4-Chloroaniline-d4	11.221	131	43467	13.418	ng/u1	0.00
46) Dimethylphthalate-d6	14.259	166	150829	23.266	ng/u1	0.00
49) Acenaphthylene-d8	14.570	160	185669	22.818	ng/u1	0.00
54) 4-Nitrophenol-d4	15.058	143	19362	17.103	ng/u1	0.00
60) Fluorene-d10	15.851	176	147744	23.945	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.963	200	12382m	12.750	ng/u1	0.00
73) Anthracene-d10	17.714	188	199944	23.226	ng/u1	0.00
81) Pyrene-d10	19.988	212	230815	26.067	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.152	264	221395	24.550	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	9.077	105	13558m	3.814	ng/u1	
30) Naphthalene	11.121	128	8785	1.165	ng/u1#	90
72) Phenanthrene	17.655	178	13824	1.333	ng/u1	98
80) Fluoranthene	19.653	202	34011	3.118	ng/u1#	93
82) Pyrene	20.017	202	28346	2.453	ng/u1#	93
85) Benzo(a)anthracene	21.891	228	23427m	2.105	ng/u1	
87) Chrysene	21.962	228	35796	3.405	ng/u1#	89
90) Benzo(b)fluoranthene	24.271	252	66637	5.798	ng/u1#	91
91) Benzo(k)fluoranthene	24.335	252	17921	1.539	ng/u1#	73
93) Benzo(a)pyrene	25.228	252	31995	2.934	ng/u1#	78
94) Indeno(1,2,3-cd)pyrene	29.412	276	37790m	3.062	ng/u1	
96) Benzo(g,h,i)perylene	30.693	276	41351m	4.120	ng/u1	

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

Manual Integrations

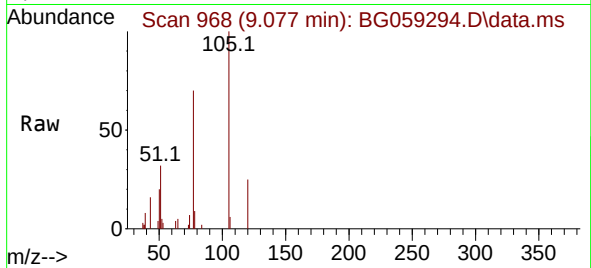
Quant Time: Oct 05 23:54:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 3.814 ng/ul m
RT: 9.077 min Scan# 9
Delta R.T. -0.000 min
Lab File: BG059294.D
Acq: 5 Oct 2023 13:19

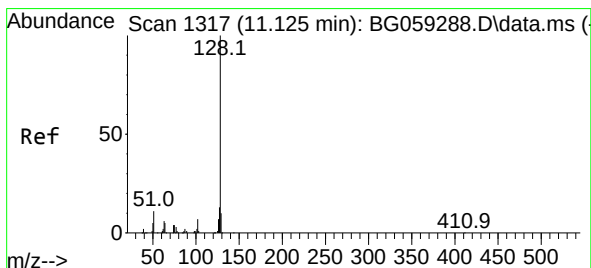
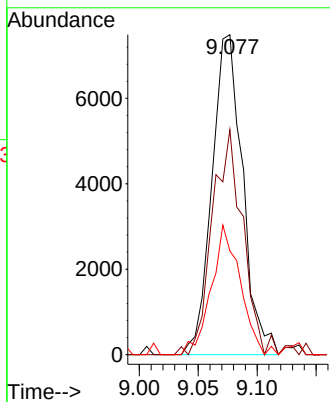
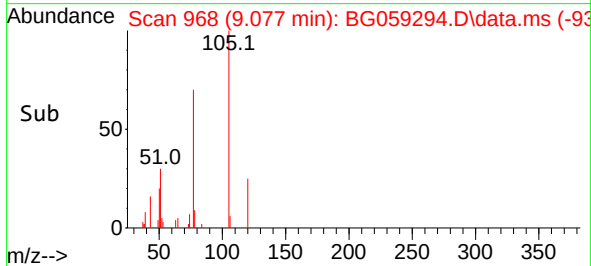
Instrument :
BNA_G
ClientSampleId :
EZY7



Tgt Ion:105 Resp: 1355
Ion Ratio Lower Upper
105 100
77 70.3 58.8 88.2
51 32.4 32.6 48.8

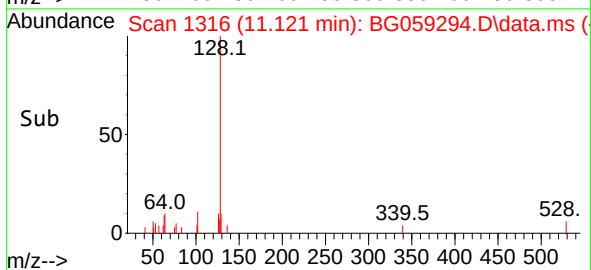
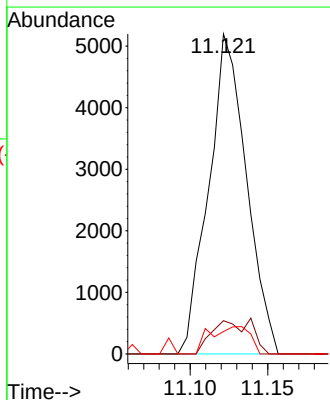
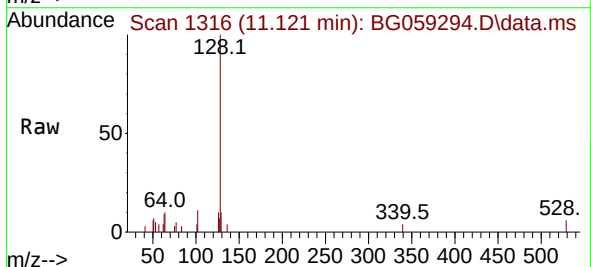
Manual Integrations
APPROVED

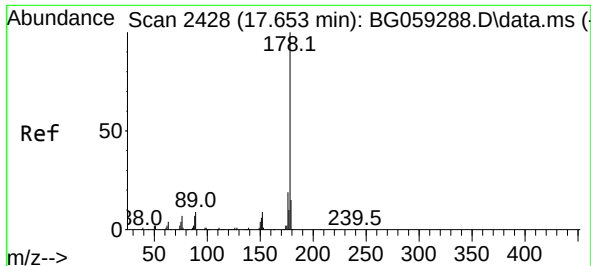
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#30
Naphthalene
Concen: 1.165 ng/ul
RT: 11.121 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BG059294.D
Acq: 5 Oct 2023 13:19

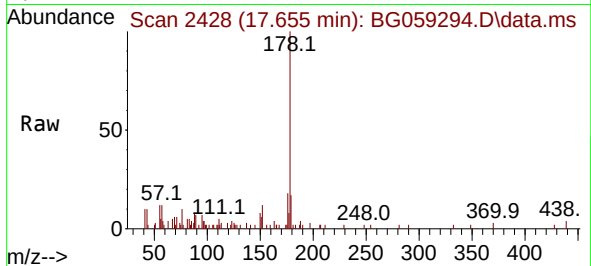
Tgt Ion:128 Resp: 8785
Ion Ratio Lower Upper
128 100
129 10.4 8.0 12.0
127 7.0 11.1 16.7





#72
Phenanthrene
Concen: 1.333 ng/ul
RT: 17.655 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG059294.D
Acq: 5 Oct 2023 13:19

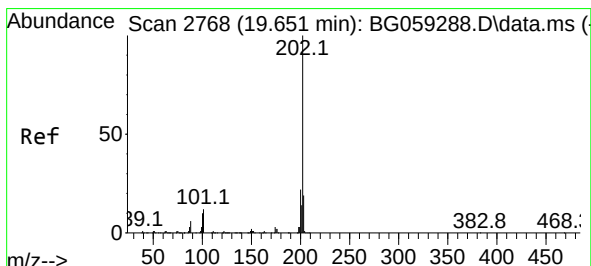
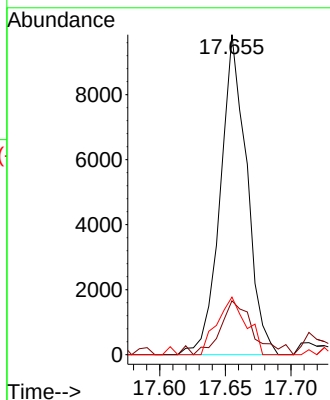
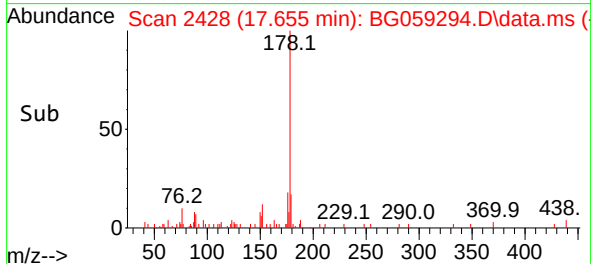
Instrument :
BNA_G
ClientSampleId :
EZY7



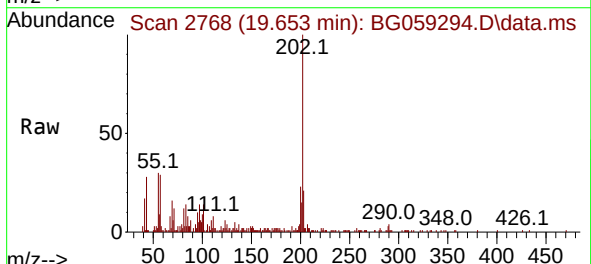
Tgt Ion:178 Resp: 13824
Ion Ratio Lower Upper
178 100
179 16.8 12.3 18.5
176 18.0 14.6 21.8

Manual Integrations
APPROVED

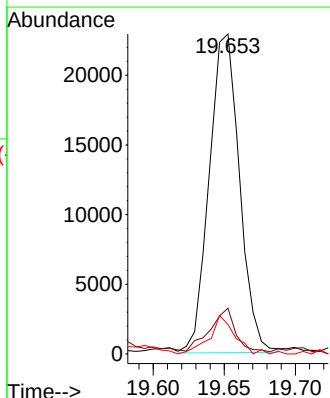
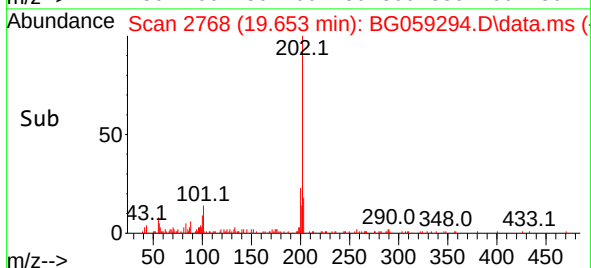
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023

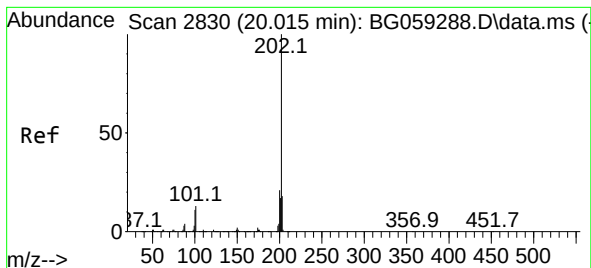


#80
Fluoranthene
Concen: 3.118 ng/ul
RT: 19.653 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BG059294.D
Acq: 5 Oct 2023 13:19



Tgt Ion:202 Resp: 34011
Ion Ratio Lower Upper
202 100
101 14.3 8.2 12.4#
100 9.2 8.2 12.2





#82

Pyrene

Concen: 2.453 ng/ul

RT: 20.017 min Scan# 2830

Delta R.T. -0.006 min

Lab File: BG059294.D

Acq: 5 Oct 2023 13:19

Instrument :

BNA_G

ClientSampleId :

EZYY7

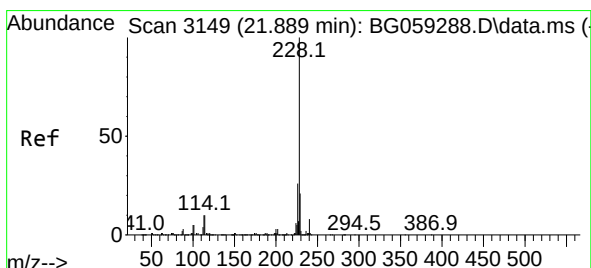
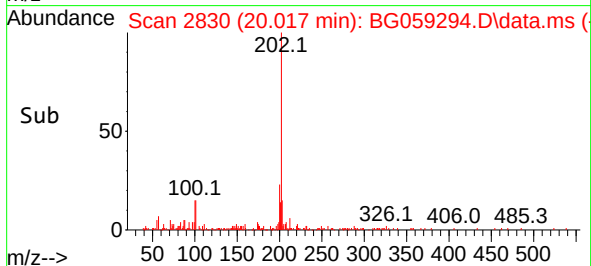
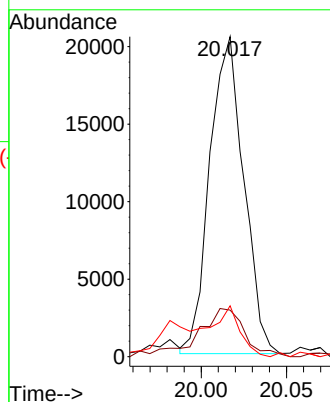
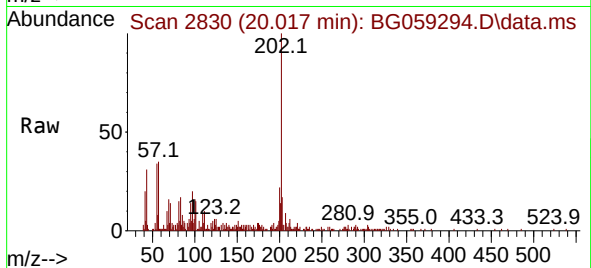
Tgt Ion:	202	Resp:	2834
Ion Ratio	Lower	Upper	
202	100		
101	14.6	10.2	15.4
100	15.9	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/06/2023



#85

Benzo(a)anthracene

Concen: 2.105 ng/ul m

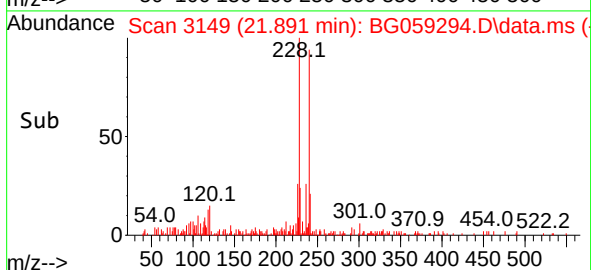
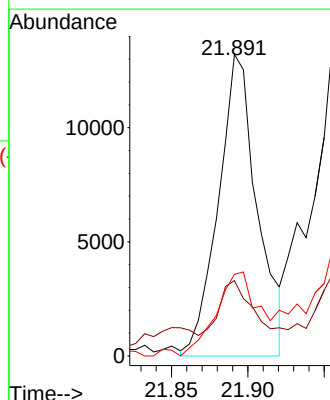
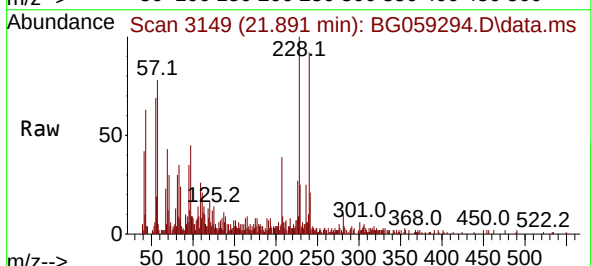
RT: 21.891 min Scan# 3149

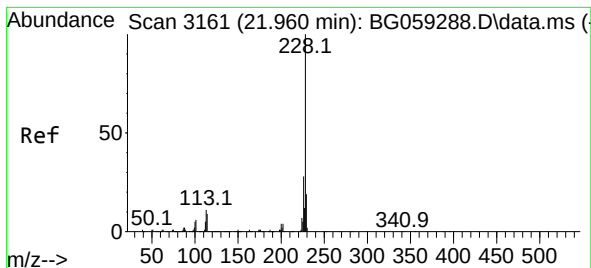
Delta R.T. -0.012 min

Lab File: BG059294.D

Acq: 5 Oct 2023 13:19

Tgt Ion:	228	Resp:	23427
Ion Ratio	Lower	Upper	
228	100		
229	25.0	15.5	23.3
226	27.1	21.4	32.2





#87

Chrysene

Concen: 3.405 ng/ul

RT: 21.962 min Scan# 3161

Delta R.T. -0.012 min

Lab File: BG059294.D

Acq: 5 Oct 2023 13:19

Instrument :

BNA_G

ClientSampleId :

EZYY7

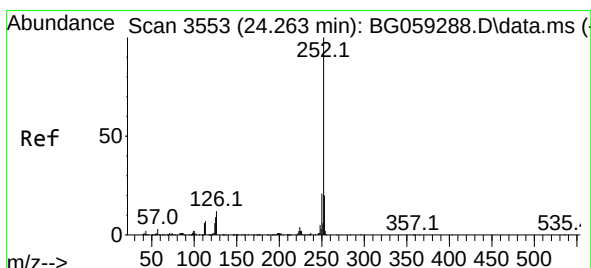
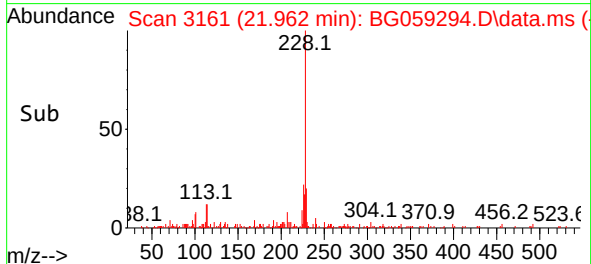
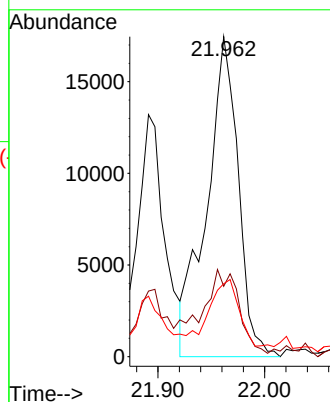
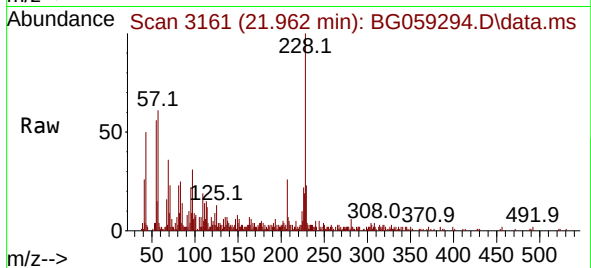
Tgt Ion:	228	Resp:	35790
Ion Ratio	Lower	Upper	
228	100		
226	22.0	24.2	36.4
229	22.8	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/06/2023



#90

Benzo(b)fluoranthene

Concen: 5.798 ng/ul

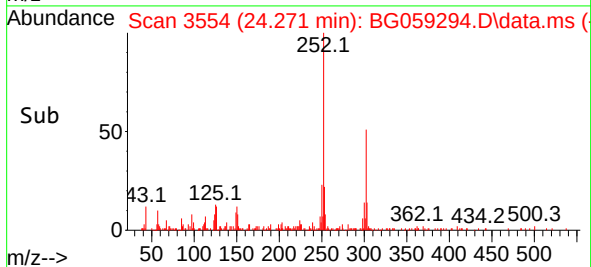
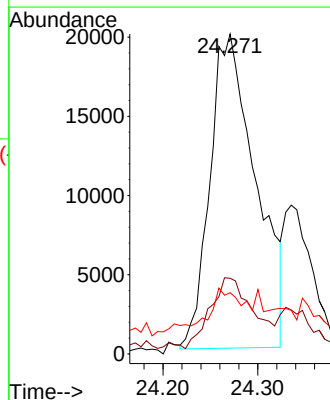
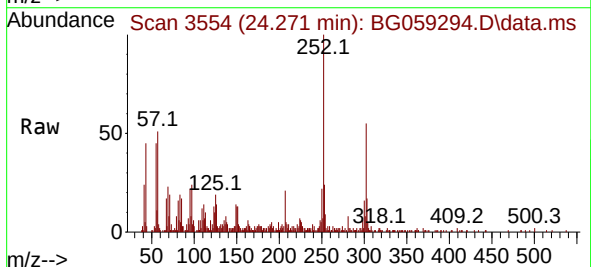
RT: 24.271 min Scan# 3554

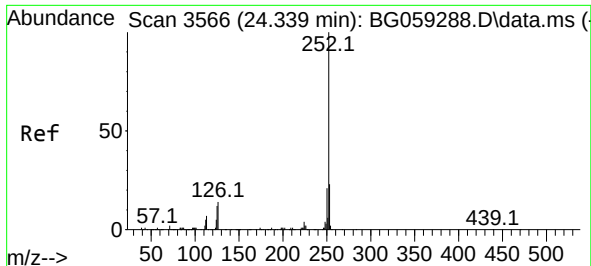
Delta R.T. -0.012 min

Lab File: BG059294.D

Acq: 5 Oct 2023 13:19

Tgt Ion:	252	Resp:	66637
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.0	27.0
125	19.1	8.1	12.1





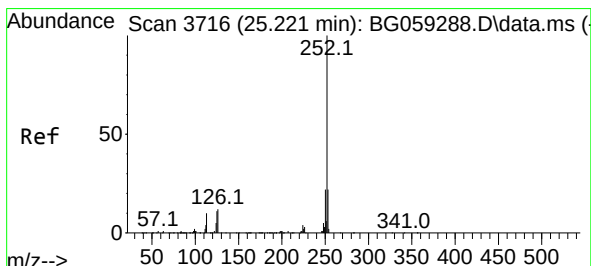
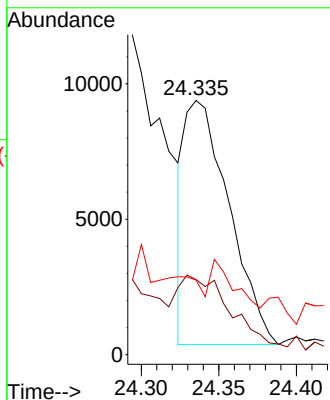
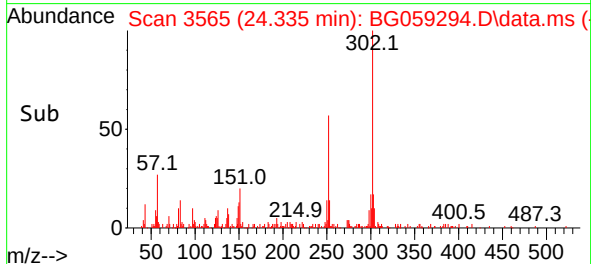
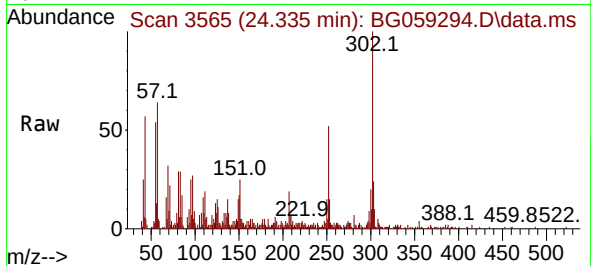
#91
Benzo(k)fluoranthene
Concen: 1.539 ng/u1
RT: 24.335 min Scan# 3566
Delta R.T. -0.024 min
Lab File: BG059294.D
Acq: 5 Oct 2023 13:19

Instrument :
BNA_G
ClientSampleId :
EZY7

Tgt Ion:252 Resp: 1792
Ion Ratio Lower Upper
252 100
253 29.5 17.6 26.4
125 29.3 8.1 12.1

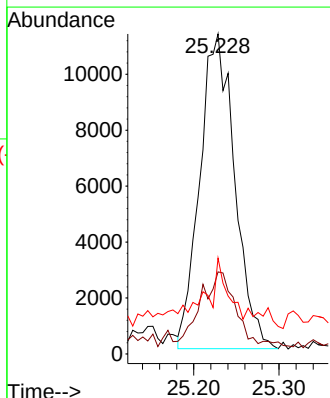
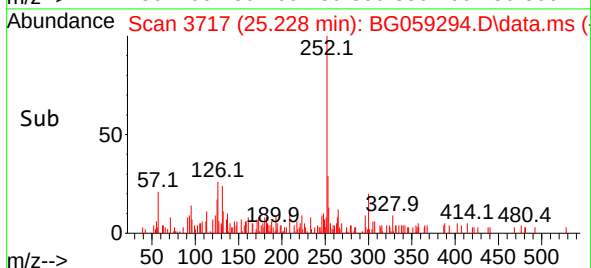
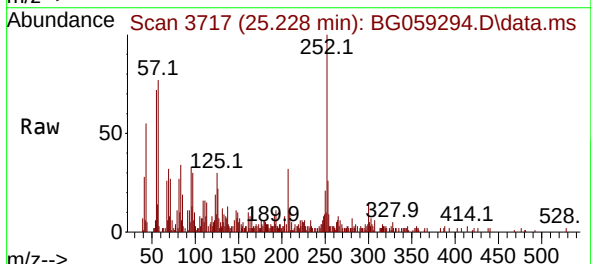
Manual Integrations
APPROVED

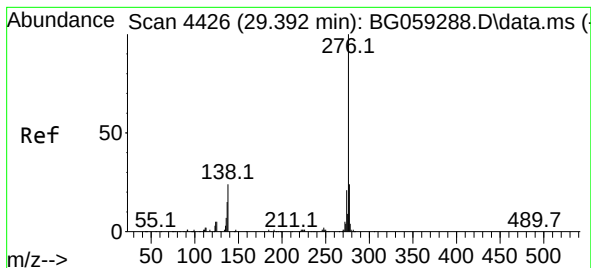
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#93
Benzo(a)pyrene
Concen: 2.934 ng/u1
RT: 25.228 min Scan# 3717
Delta R.T. -0.012 min
Lab File: BG059294.D
Acq: 5 Oct 2023 13:19

Tgt Ion:252 Resp: 31995
Ion Ratio Lower Upper
252 100
253 25.7 17.2 25.8
125 30.0 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.062 ng/ul m

RT: 29.412 min Scan# 4426

Delta R.T. -0.024 min

Lab File: BG059294.D

Acq: 5 Oct 2023 13:19

Instrument :

BNA_G

ClientSampleId :

EZYY7

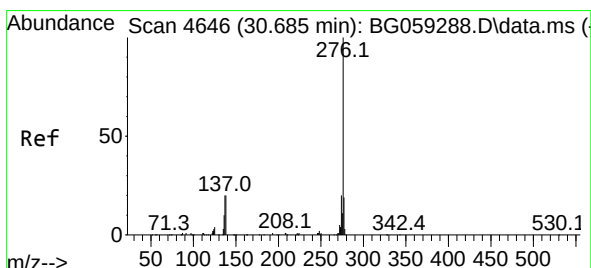
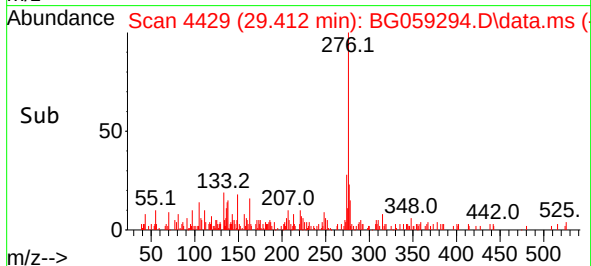
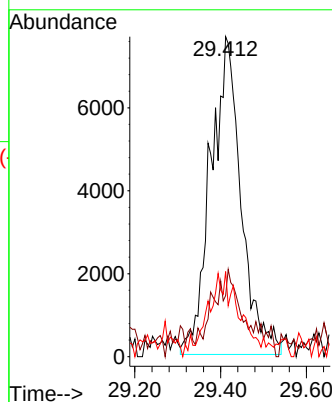
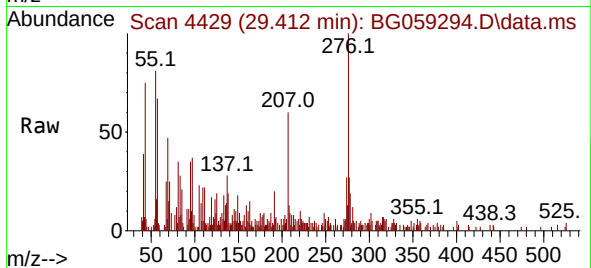
Tgt Ion:	276	Resp:	37790
Ion Ratio	Lower	Upper	
276	100		
138	19.1	17.0	25.6
277	26.6	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/06/2023



#96

Benzo(g,h,i)perylene

Concen: 4.120 ng/ul m

RT: 30.693 min Scan# 4647

Delta R.T. -0.018 min

Lab File: BG059294.D

Acq: 5 Oct 2023 13:19

Tgt Ion:	276	Resp:	41351
Ion Ratio	Lower	Upper	
276	100		
138	22.7	16.6	25.0
277	24.8	20.0	30.0

