

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059311.D
 Acq On : 6 Oct 2023 00:57
 Operator : MA/JU
 Sample : 04469-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYM1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 04:06:00 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	8.237	152	53360	20.000	ng/u1	0.00
20) Naphthalene-d8	11.074	136	244740	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.870	164	148681	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.620	188	315372m	20.000	ng/u1	0.00
79) Chrysene-d12	21.921	240	259225	20.000	ng/u1	0.00
88) Perylene-d12	25.416	264	298232	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	3174	2.245	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.361	99	85044	15.922	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.555	67	55100	16.149	ng/u1	0.00
11) 2-Chlorophenol-d4	7.755	132	52374	14.587	ng/u1	0.00
15) 4-Methylphenol-d8	8.930	113	69445	16.820	ng/u1	0.00
21) Nitrobenzene-d5	9.429	128	36509	21.140	ng/u1	0.00
24) 2-Nitrophenol-d4	10.146	143	19800	11.679	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.681	165	29470	8.461	ng/u1	0.00
31) 4-Chloroaniline-d4	11.221	131	44464	7.891	ng/u1	0.00
46) Dimethylphthalate-d6	14.259	166	213071	19.821	ng/u1	0.00
49) Acenaphthylene-d8	14.570	160	267926	19.857	ng/u1	0.00
54) 4-Nitrophenol-d4	15.064	143	227	0.121	ng/u1	0.00
60) Fluorene-d10	15.857	176	208348	20.364	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.957	200	129	0.080	ng/u1	0.00
73) Anthracene-d10	17.714	188	275716	19.187	ng/u1	0.00
81) Pyrene-d10	19.993	212	320907	22.106	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.170	264	303432	21.172	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.661	178	49110m	2.838	ng/u1	
74) Anthracene	17.749	178	24600m	1.377	ng/u1	
80) Fluoranthene	19.653	202	294431	16.464	ng/u1#	96
82) Pyrene	20.023	202	392916	20.743	ng/u1	99
85) Benzo(a)anthracene	21.897	228	182369	9.994	ng/u1	98
87) Chrysene	21.968	228	223811m	12.986	ng/u1	
90) Benzo(b)fluoranthene	24.282	252	250798	13.730	ng/u1#	96
91) Benzo(k)fluoranthene	24.353	252	112033m	6.053	ng/u1	
93) Benzo(a)pyrene	25.246	252	142621	8.231	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	29.441	276	104969	5.351	ng/u1	98
95) Dibenzo(a,h)anthracene	29.506	278	37090m	2.325	ng/u1	
96) Benzo(g,h,i)perylene	30.716	276	113649m	7.126	ng/u1	

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

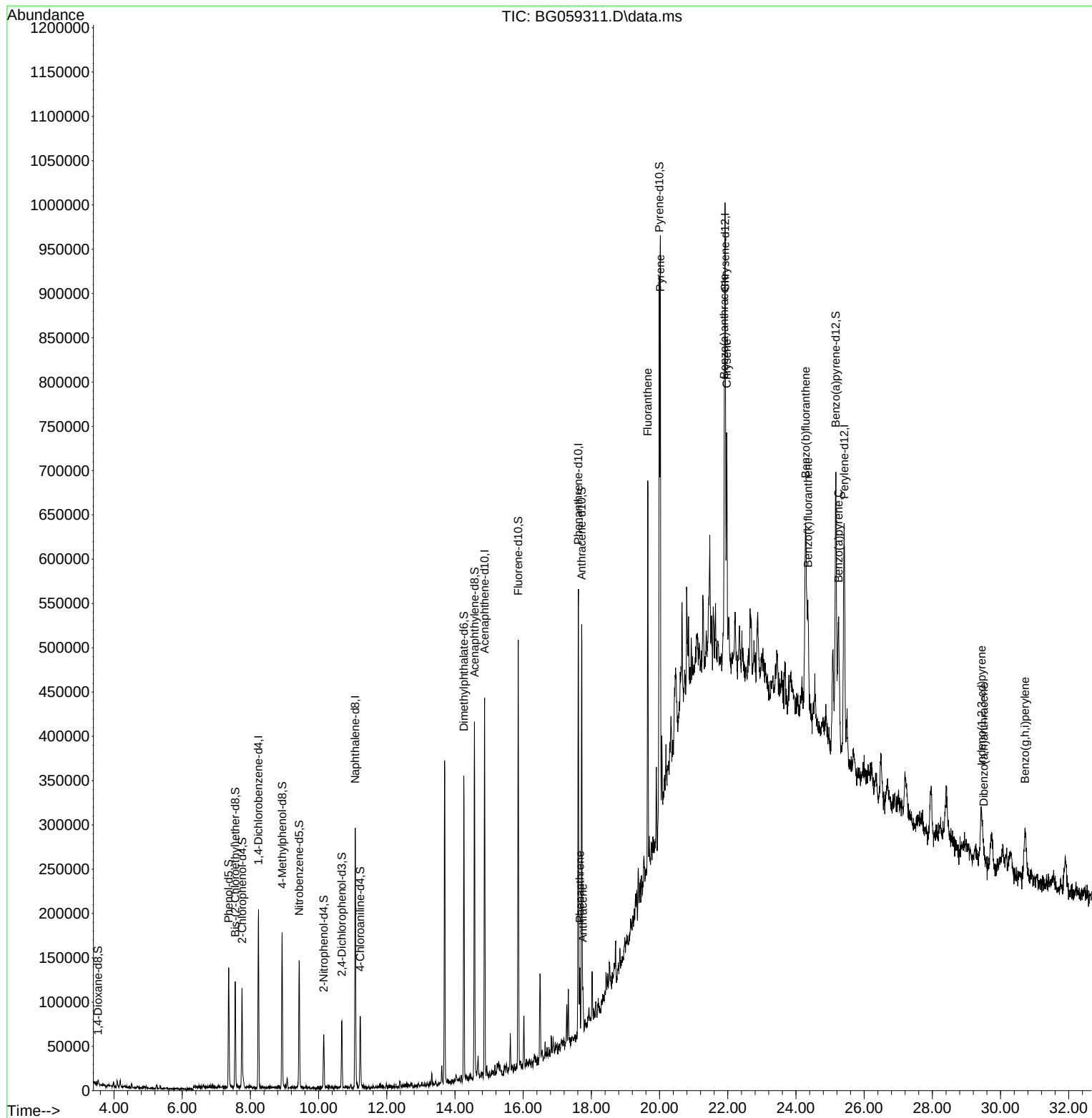
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059311.D
Acq On : 6 Oct 2023 00:57
Operator : MA/JU
Sample : 04469-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

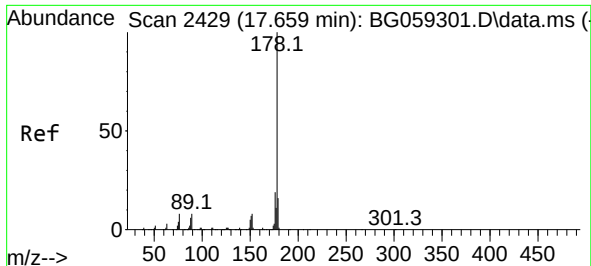
Instrument :
BNA_G
ClientSampleId :
EZYM1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

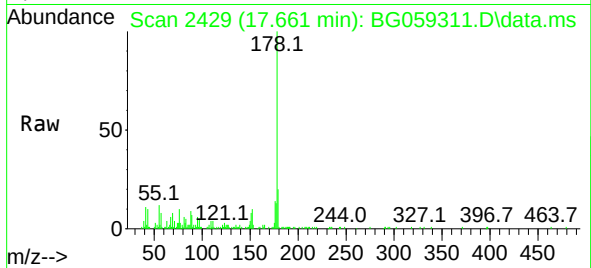
Quant Time: Oct 06 04:06:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.838 ng/ul m
RT: 17.661 min Scan# 2429
Delta R.T. -0.001 min
Lab File: BG059311.D
Acq: 6 Oct 2023 00:57

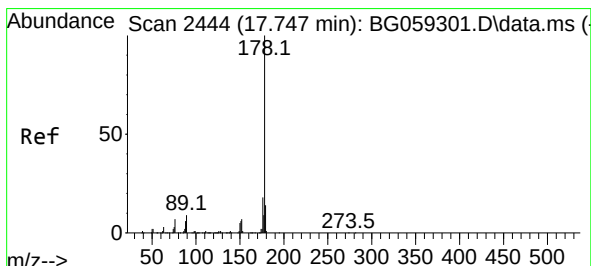
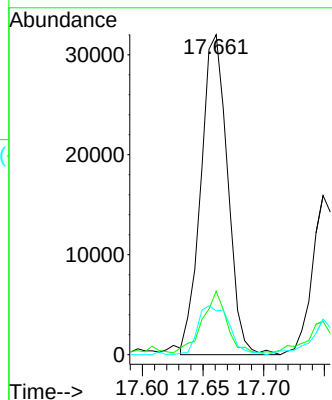
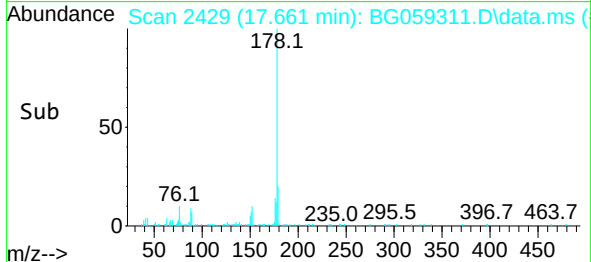
Instrument :
BNA_G
ClientSampleId :
EZYM1



Tgt Ion:178 Resp: 49110
Ion Ratio Lower Upper
178 100
179 19.9 12.3 18.5
176 13.7 14.6 21.8

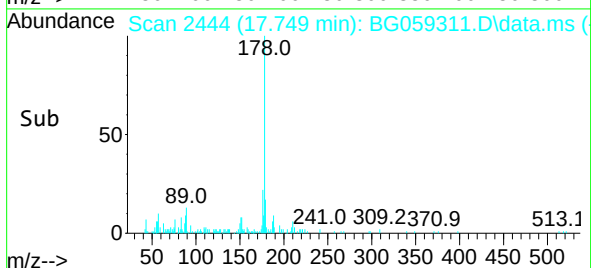
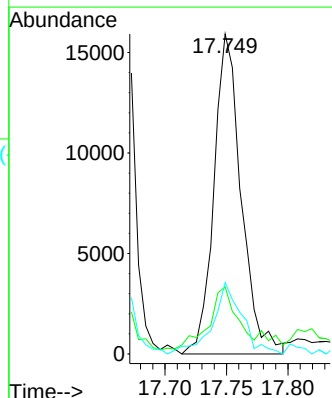
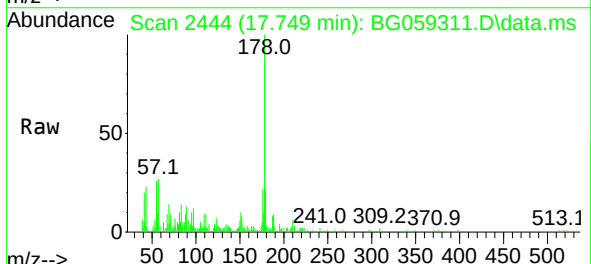
Manual Integrations
APPROVED

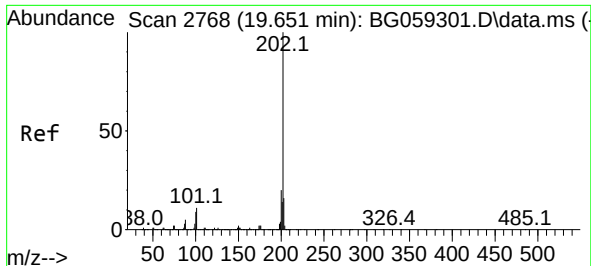
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#74
Anthracene
Concen: 1.377 ng/ul m
RT: 17.749 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BG059311.D
Acq: 6 Oct 2023 00:57

Tgt Ion:178 Resp: 24600
Ion Ratio Lower Upper
178 100
179 20.9 12.0 18.0#
176 22.3 14.5 21.7#





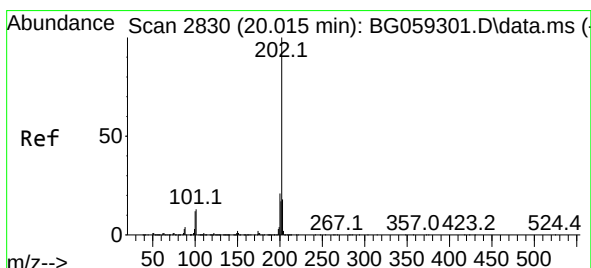
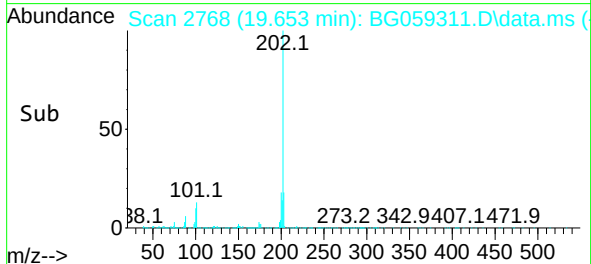
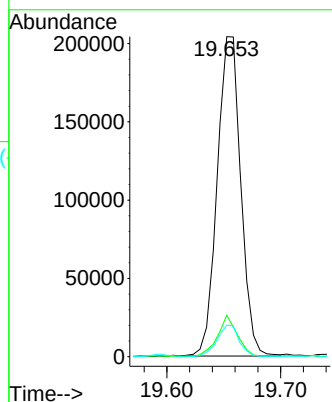
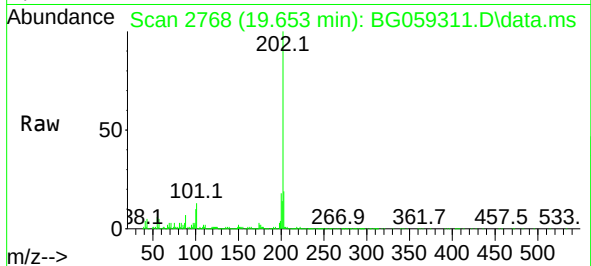
#80
Fluoranthene
Concen: 16.464 ng/ul
RT: 19.653 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG059311.D
Acq: 6 Oct 2023 00:57

Instrument :
BNA_G
ClientSampleId :
EZYM1

Tgt Ion:202 Resp: 29443
Ion Ratio Lower Upper
202 100
101 13.0 8.2 12.4
100 9.9 8.2 12.2

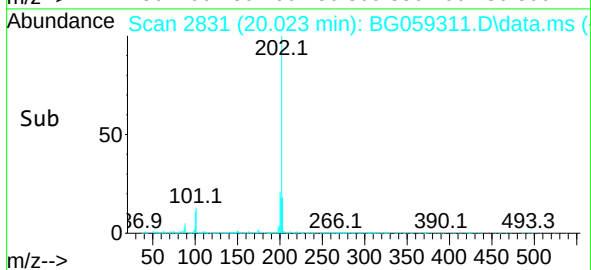
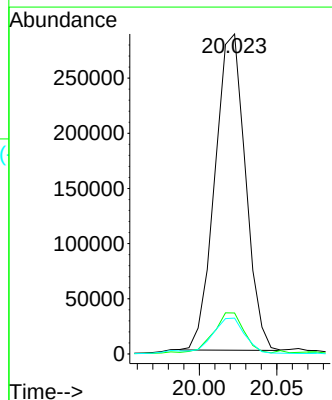
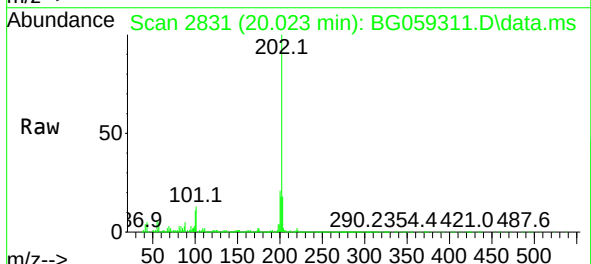
Manual Integrations
APPROVED

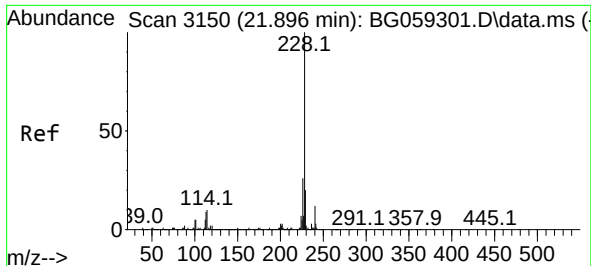
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#82
Pyrene
Concen: 20.743 ng/ul
RT: 20.023 min Scan# 2831
Delta R.T. -0.000 min
Lab File: BG059311.D
Acq: 6 Oct 2023 00:57

Tgt Ion:202 Resp: 392916
Ion Ratio Lower Upper
202 100
101 12.8 10.2 15.4
100 11.2 9.6 14.4





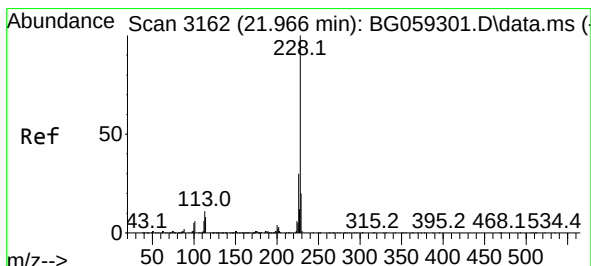
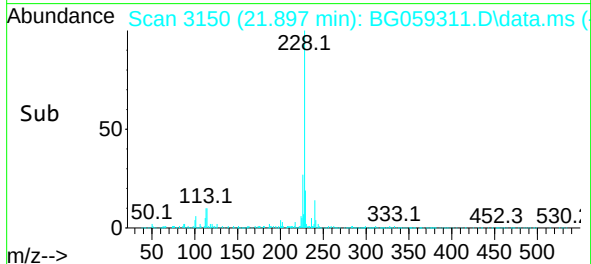
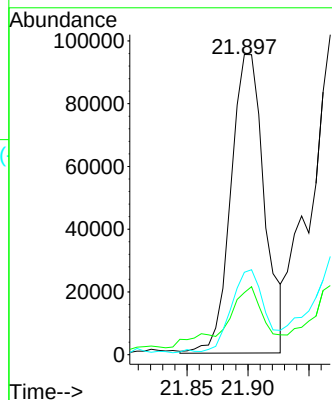
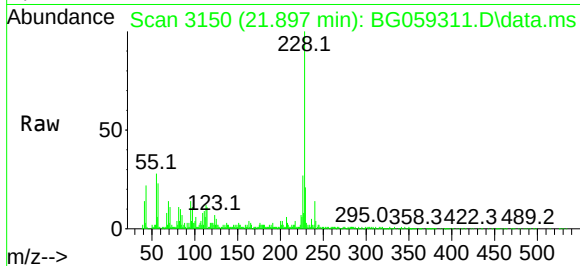
#85
Benzo(a)anthracene
Concen: 9.994 ng/ul
RT: 21.897 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BG059311.D
Acq: 6 Oct 2023 00:57

Instrument :
BNA_G
ClientSampleId :
EZYM1

Tgt Ion:228 Resp: 182369
Ion Ratio Lower Upper
228 100
229 20.7 15.5 23.3
226 27.4 21.4 32.2

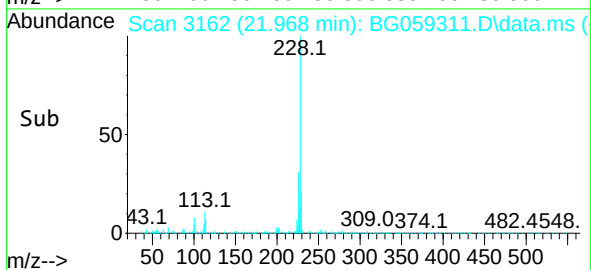
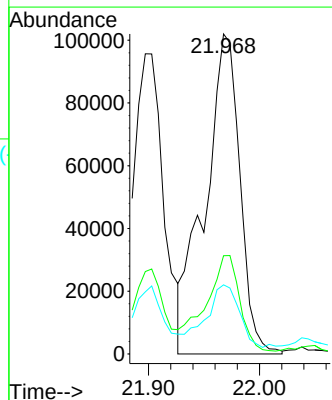
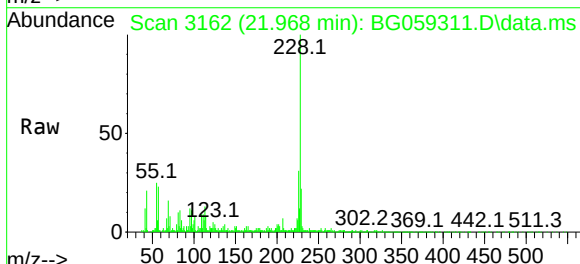
Manual Integrations
APPROVED

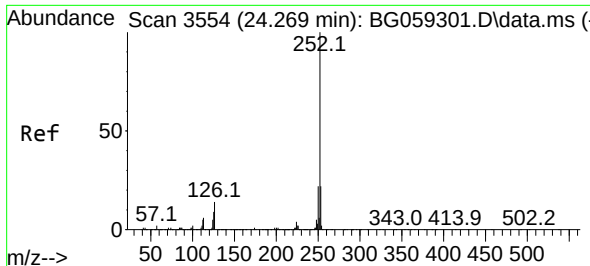
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#87
Chrysene
Concen: 12.986 ng/ul m
RT: 21.968 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BG059311.D
Acq: 6 Oct 2023 00:57

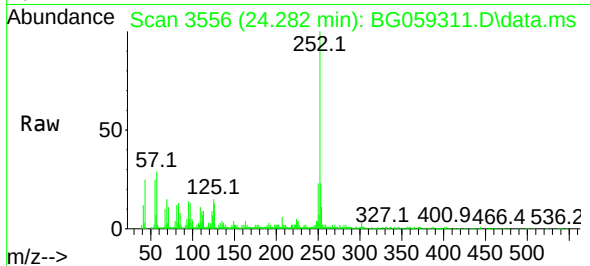
Tgt Ion:228 Resp: 223811
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 21.6 16.2 24.2





#90
Benzo(b)fluoranthene
Concen: 13.730 ng/ul
RT: 24.282 min Scan# 3556
Delta R.T. -0.000 min
Lab File: BG059311.D
Acq: 6 Oct 2023 00:57

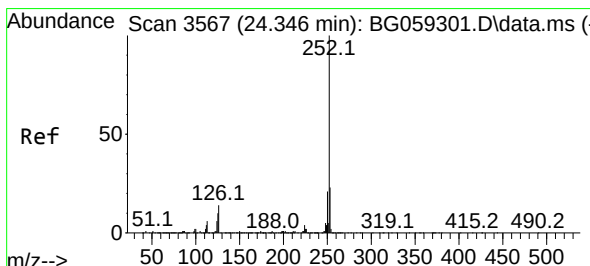
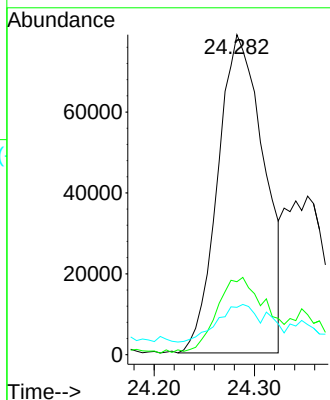
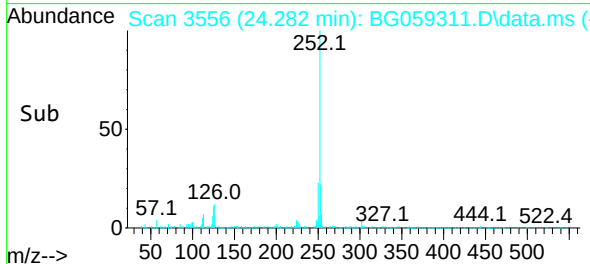
Instrument :
BNA_G
ClientSampleId :
EZYM1



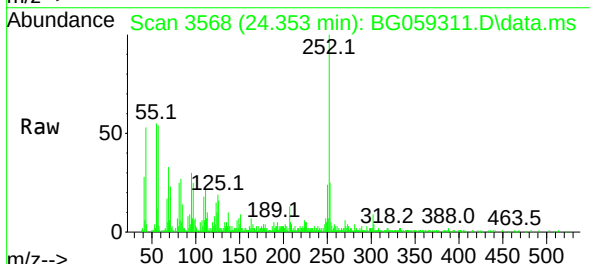
Tgt Ion:252 Resp: 250798
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 14.8 8.1 12.1

Manual Integrations
APPROVED

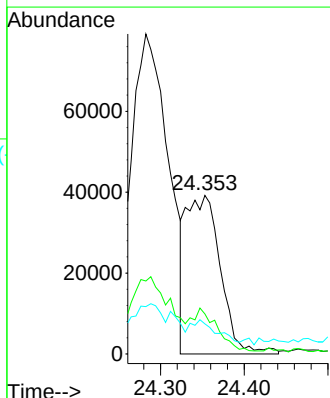
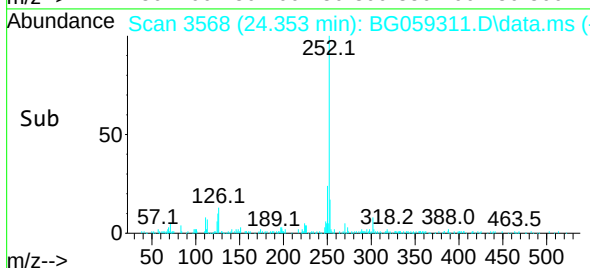
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

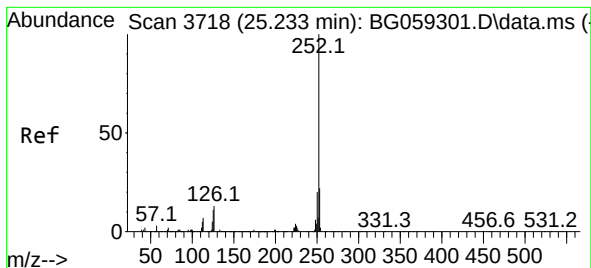


#91
Benzo(k)fluoranthene
Concen: 6.053 ng/ul m
RT: 24.353 min Scan# 3568
Delta R.T. -0.006 min
Lab File: BG059311.D
Acq: 6 Oct 2023 00:57



Tgt Ion:252 Resp: 112033
Ion Ratio Lower Upper
252 100
253 25.2 17.6 26.4
125 19.0 8.1 12.1





#93

Benzo(a)pyrene

Concen: 8.231 ng/ul

RT: 25.246 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG059311.D

Acq: 6 Oct 2023 00:57

Instrument :

BNA_G

ClientSampleId :

EZYM1

Tgt Ion:252 Resp: 14262

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

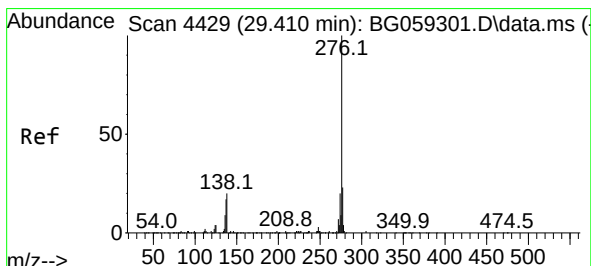
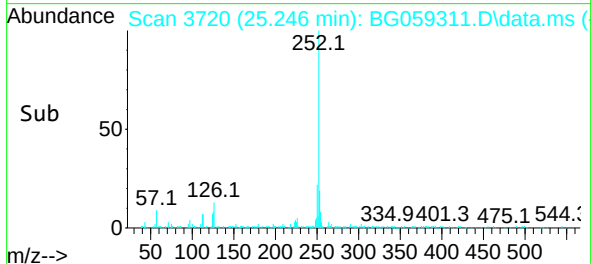
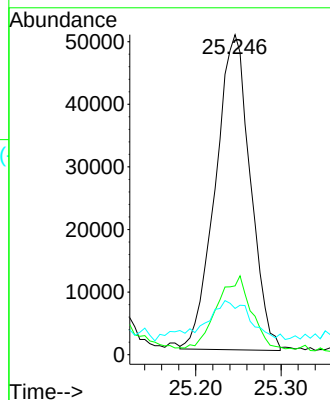
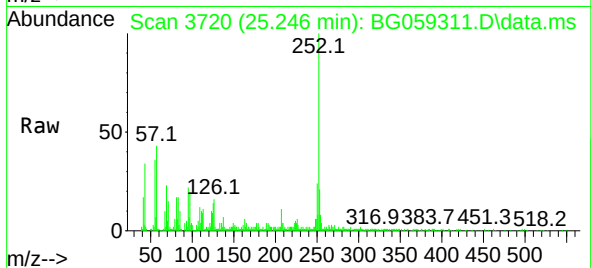
125 14.4 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.351 ng/ul

RT: 29.441 min Scan# 4434

Delta R.T. 0.005 min

Lab File: BG059311.D

Acq: 6 Oct 2023 00:57

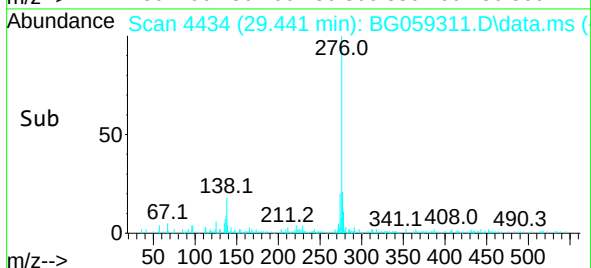
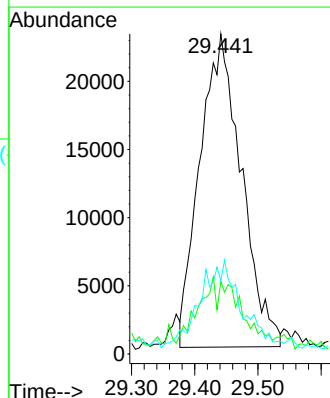
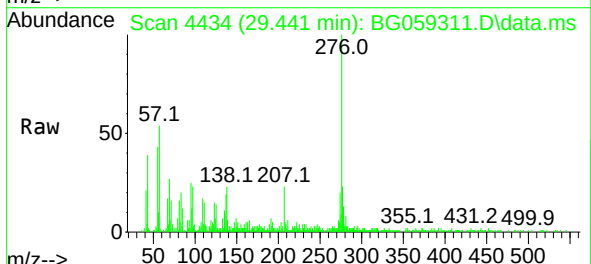
Tgt Ion:276 Resp: 104969

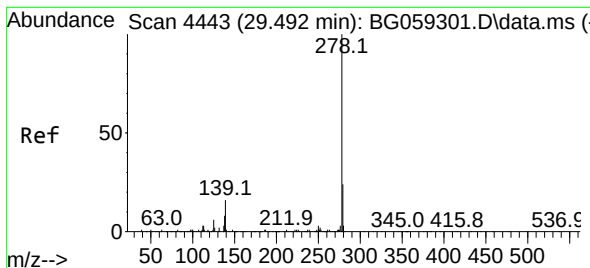
Ion Ratio Lower Upper

276 100

138 22.6 17.0 25.6

277 22.9 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 2.325 ng/ul m

RT: 29.506 min Scan# 4445

Delta R.T. -0.006 min

Lab File: BG059311.D

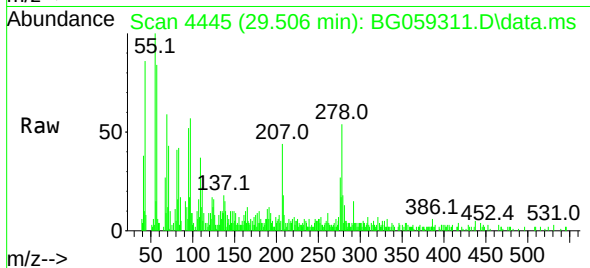
Acq: 6 Oct 2023 00:57

Instrument :

BNA_G

ClientSampleId :

EZYM1



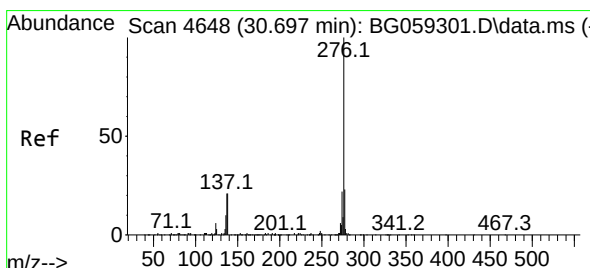
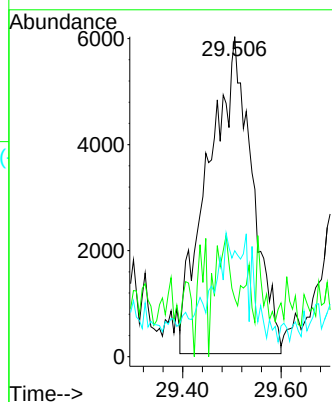
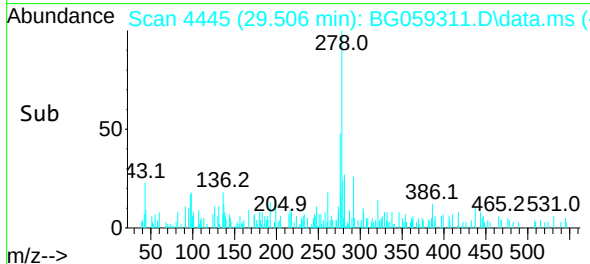
Tgt Ion:	278	Resp:	37090
Ion Ratio	Lower	Upper	
278	100		
139	18.2	12.1	18.1
279	33.1	18.6	27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/07/2023



#96

Benzo(g,h,i)perylene

Concen: 7.126 ng/ul m

RT: 30.716 min Scan# 4651

Delta R.T. 0.005 min

Lab File: BG059311.D

Acq: 6 Oct 2023 00:57

Tgt Ion:	276	Resp:	113649
Ion Ratio	Lower	Upper	
276	100		
138	24.4	16.6	25.0
277	24.1	20.0	30.0

