

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG059007.D
 Acq On : 12 Sep 2023 8:32
 Operator : MA/JU
 Sample : 04235-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYW8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 09:18:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 00:07:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.324	152	102002	20.000	ng/u1	0.00
20) Naphthalene-d8	11.168	136	459115	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.946	164	289353	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.702	188	638167	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.038	240	523943	20.000	ng/u1	# 0.01
88) Perylene-d12	25.639	264	633700	20.000	ng/u1	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.636	96	5246m	2.186	ng/uL	0.00
4) Pyridine-d5	4.076	84	3513	0.462	ng/u1	0.00
7) Phenol-d5	7.431	99	24121	2.345	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.643	67	57686	9.564	ng/u1	0.00
11) 2-Chlorophenol-d4	7.843	132	4136	0.627	ng/u1	0.00
15) 4-Methylphenol-d8	9.006	113	39736	5.000	ng/u1	0.00
21) Nitrobenzene-d5	9.523	128	34540	10.372	ng/u1	0.00
24) 2-Nitrophenol-d4	10.246	143	1617	0.443	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.763	165	2044	0.263	ng/u1	0.00
31) 4-Chloroaniline-d4	11.303	131	89565	8.576	ng/u1	0.00
46) Dimethylphthalate-d6	14.341	166	250428	11.158	ng/u1	0.00
49) Acenaphthylene-d8	14.652	160	302613	12.108	ng/u1	0.00
54) 4-Nitrophenol-d4	15.122	143	2721	0.730	ng/u1	0.00
60) Fluorene-d10	15.939	176	242098	12.154	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.045	200	992	0.317	ng/u1	0.00
73) Anthracene-d10	17.796	188	361102	12.746	ng/u1	0.00
81) Pyrene-d10	20.069	212	391999	14.124	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.387	264	382140	12.302	ng/u1	0.05
Target Compounds	Qvalue					
16) Acetophenone	9.165	105	38339m	2.910	ng/u1	
36) 2-Methylnaphthalene	12.796	142	133746	7.406	ng/u1	99
37) 1-Methylnaphthalene	13.013	142	135425	7.603	ng/u1#	96
43) 1,1'-Biphenyl	13.794	154	32911	1.522	ng/u1	98
72) Phenanthrene	17.743	178	309929	9.569	ng/u1	97
80) Fluoranthene	19.734	202	399338	12.390	ng/u1	98
82) Pyrene	20.099	202	290687	8.675	ng/u1	98
85) Benzo(a)anthracene	22.014	228	84600	2.408	ng/u1#	78
87) Chrysene	22.085	228	230604	7.060	ng/u1#	85
90) Benzo(b)fluoranthene	24.470	252	266416	7.057	ng/u1#	31
91) Benzo(k)fluoranthene	24.546	252	94220m	2.442	ng/u1	
94) Indeno(1,2,3-cd)pyrene	29.823	276	129822m	2.917	ng/u1	
96) Benzo(g,h,i)perylene	31.133	276	137327m	3.899	ng/u1	

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

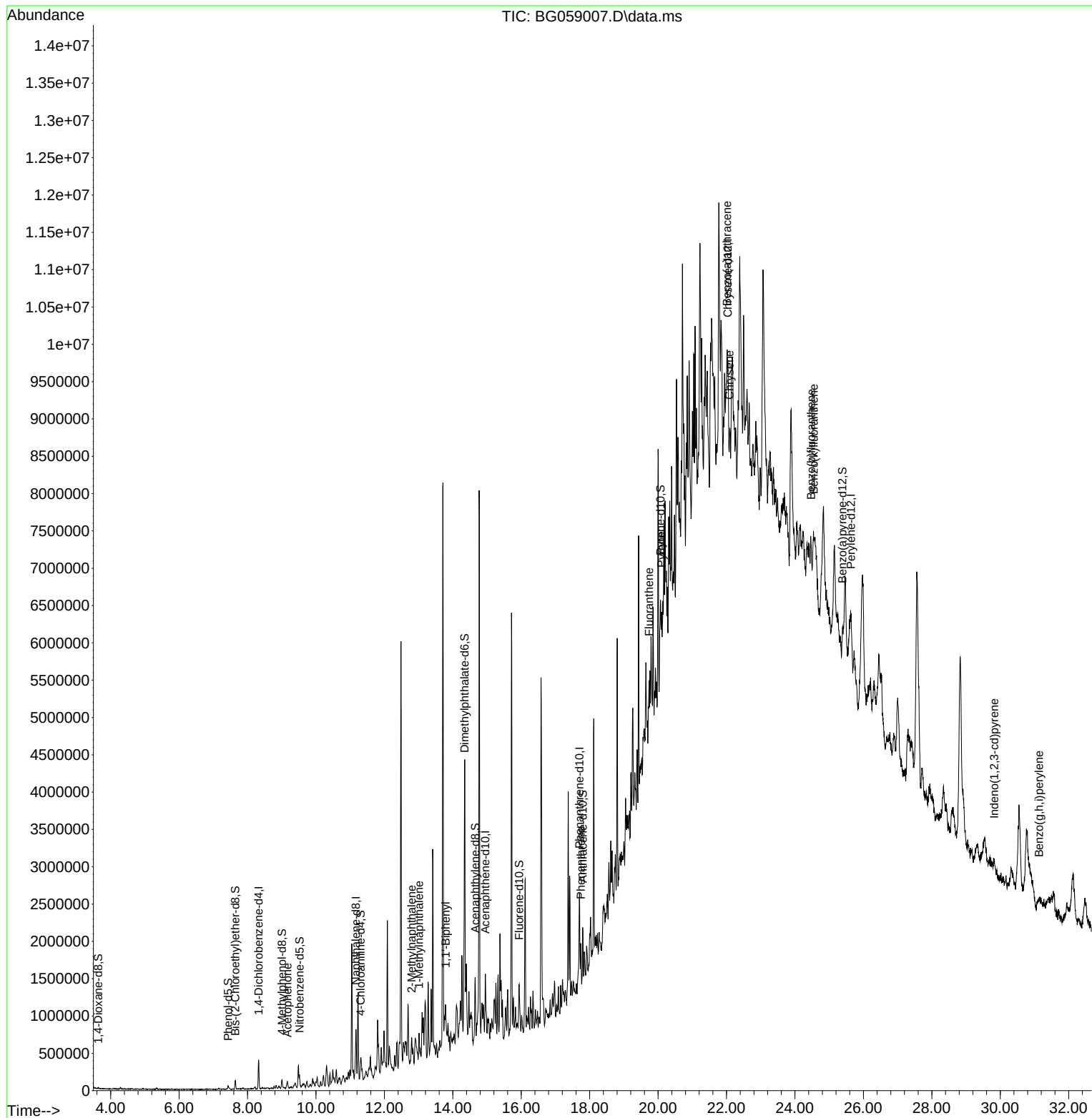
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG059007.D
Acq On : 12 Sep 2023 8:32
Operator : MA/JU
Sample : 04235-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

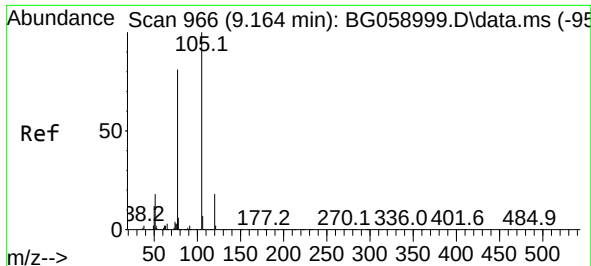
Instrument :
BNA_G
ClientSampleId :
EZYW8

Quant Time: Sep 12 09:18:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 00:07:05 2023
Response via : Initial Calibration

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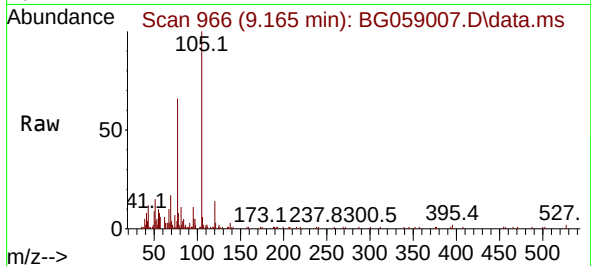
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023





#16
Acetophenone
Concen: 2.910 ng/ul m
RT: 9.165 min Scan# 9
Delta R.T. -0.006 min
Lab File: BG059007.D
Acq: 12 Sep 2023 8:32

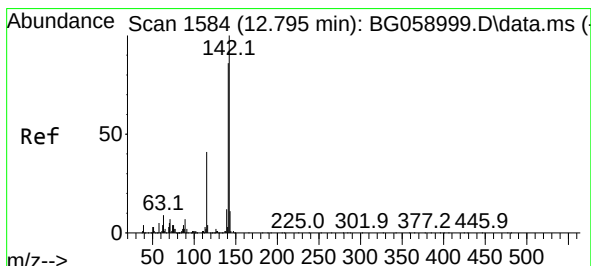
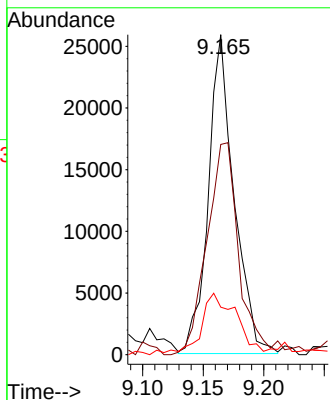
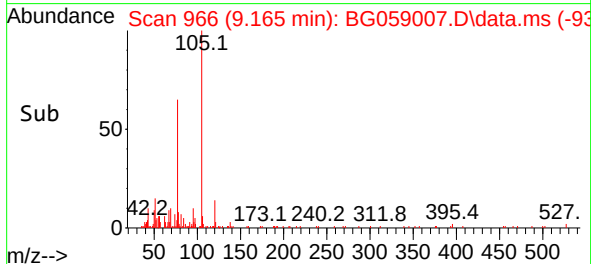
Instrument :
BNA_G
ClientSampleId :
EZYW8



Tgt Ion:105 Resp: 38339
Ion Ratio Lower Upper
105 100
77 65.7 67.3 100.9
51 14.8 19.3 28.9

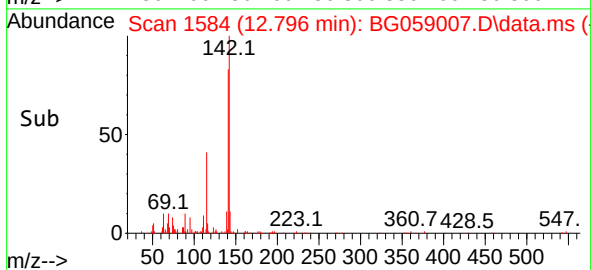
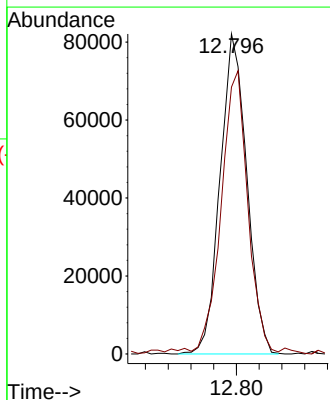
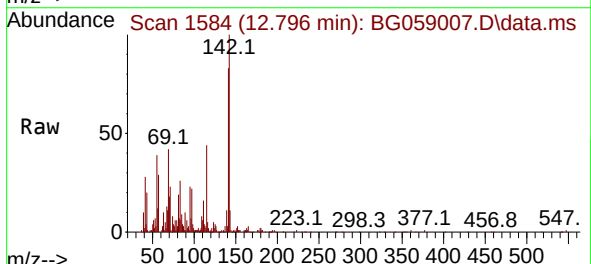
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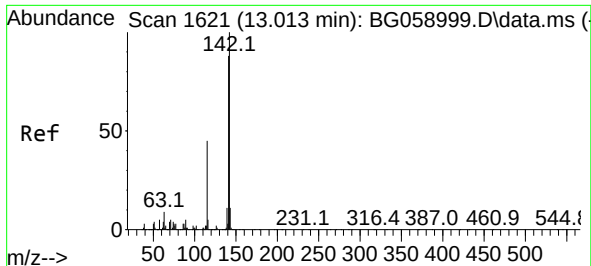
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#36
2-Methylnaphthalene
Concen: 7.406 ng/ul
RT: 12.796 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BG059007.D
Acq: 12 Sep 2023 8:32

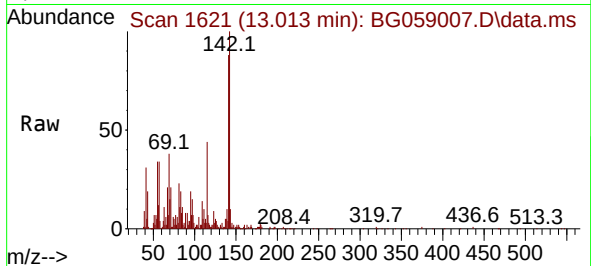
Tgt Ion:142 Resp: 133746
Ion Ratio Lower Upper
142 100
141 83.4 65.7 98.5





#37
1-Methylnaphthalene
Concen: 7.603 ng/ul
RT: 13.013 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BG059007.D
Acq: 12 Sep 2023 8:32

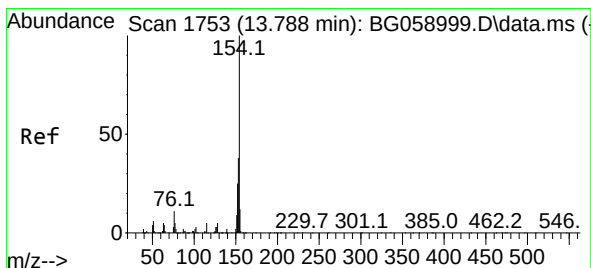
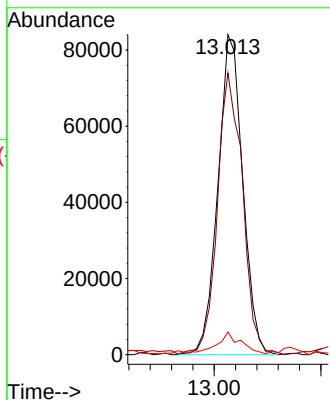
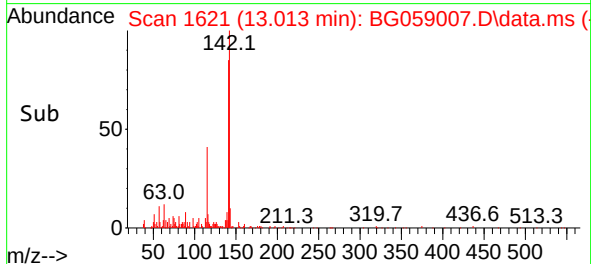
Instrument :
BNA_G
ClientSampleId :
EZYW8



Tgt Ion:142 Resp: 135429
Ion Ratio Lower Upper
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141 88.1 73.1 109.7
116 7.1 3.4 5.0

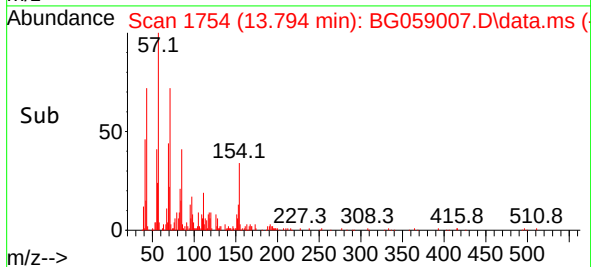
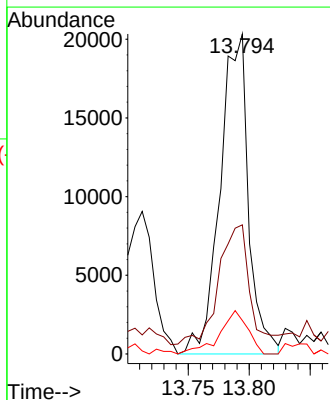
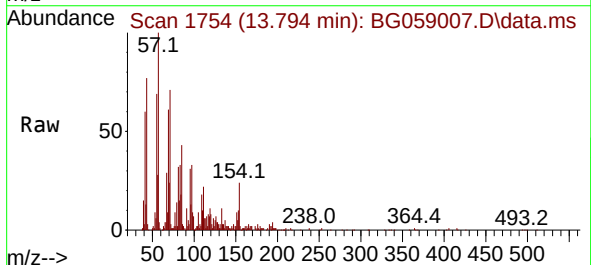
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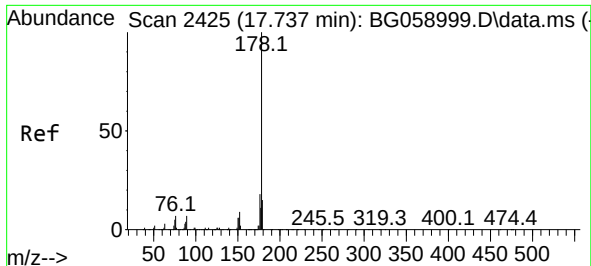
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023



#43
1,1'-Biphenyl
Concen: 1.522 ng/ul
RT: 13.794 min Scan# 1754
Delta R.T. 0.006 min
Lab File: BG059007.D
Acq: 12 Sep 2023 8:32

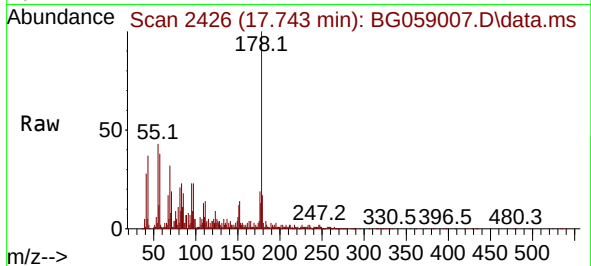
Tgt Ion:154 Resp: 32911
Ion Ratio Lower Upper
154 100
153 40.4 31.6 47.4
76 10.5 9.0 13.4





#72
Phenanthrene
Concen: 9.569 ng/u1
RT: 17.743 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BG059007.D
Acq: 12 Sep 2023 8:32

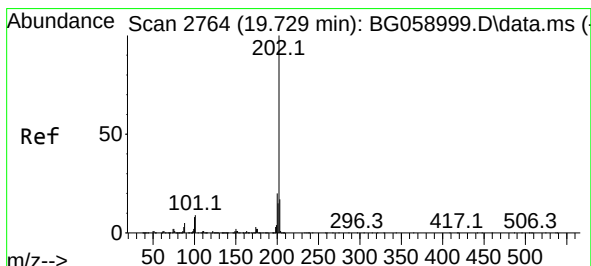
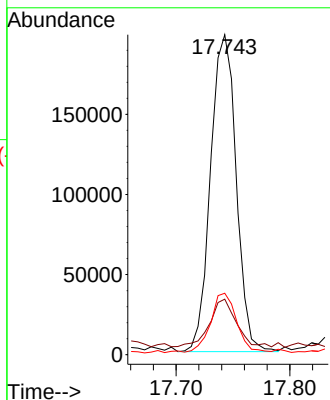
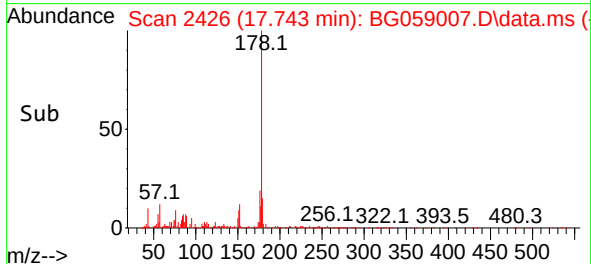
Instrument :
BNA_G
ClientSampleId :
EZYW8



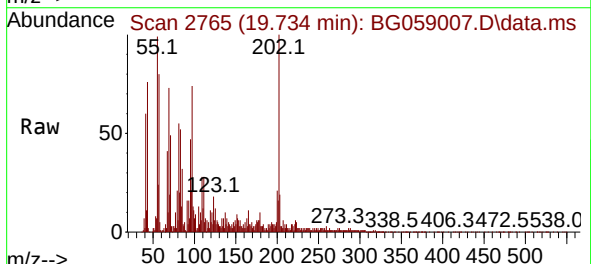
Tgt Ion:178 Resp: 309929
Ion Ratio Lower Upper
178 100
179 17.3 11.8 17.8
176 19.2 15.1 22.7

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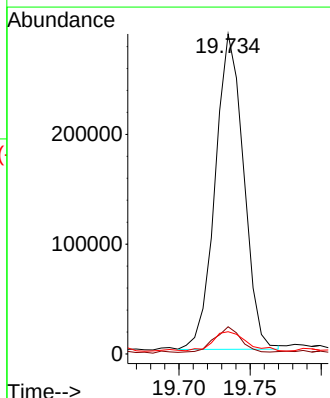
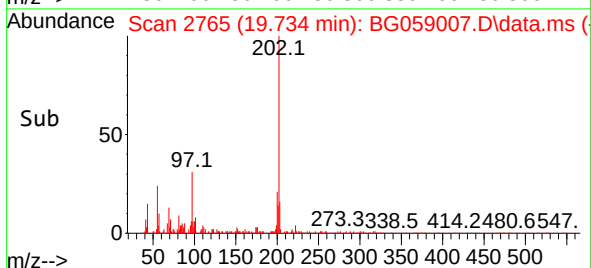
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

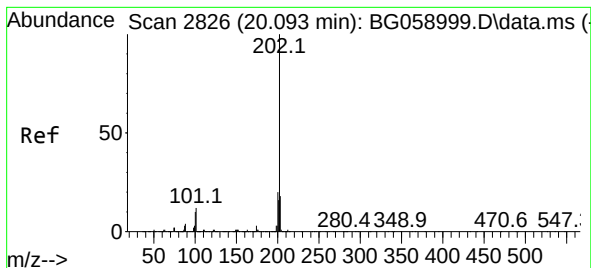


#80
Fluoranthene
Concen: 12.390 ng/u1
RT: 19.734 min Scan# 2765
Delta R.T. 0.000 min
Lab File: BG059007.D
Acq: 12 Sep 2023 8:32



Tgt Ion:202 Resp: 399338
Ion Ratio Lower Upper
202 100
101 8.5 6.1 9.1
100 7.0 5.9 8.9





#82

Pyrene

Concen: 8.675 ng/ul

RT: 20.099 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG059007.D

Acq: 12 Sep 2023 8:32

Instrument :

BNA_G

ClientSampleId :

EZYW8

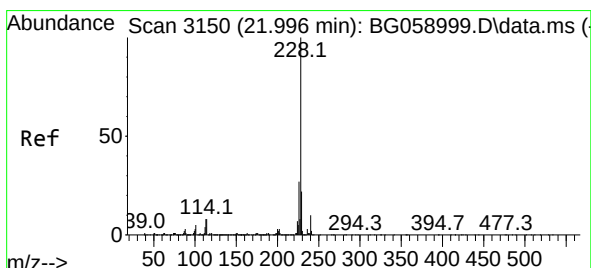
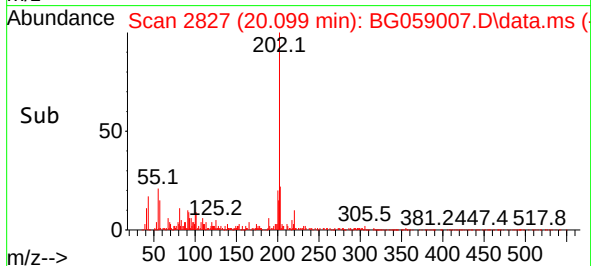
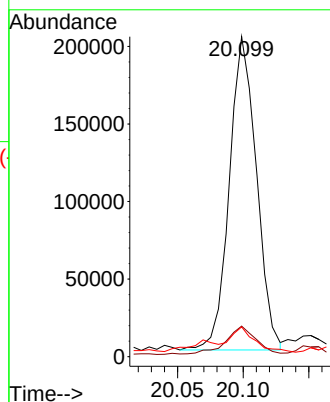
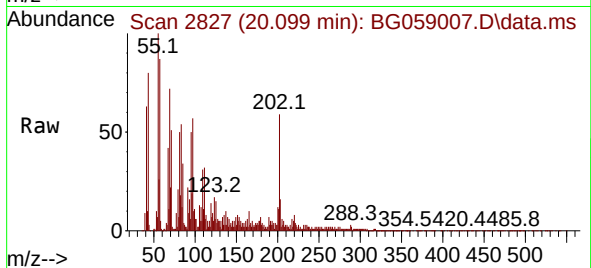
Tgt Ion:	202	Resp:	29068
Ion Ratio	Lower	Upper	
202	100		
101	9.6	7.5	11.3
100	9.3	6.3	9.5

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 2.408 ng/ul

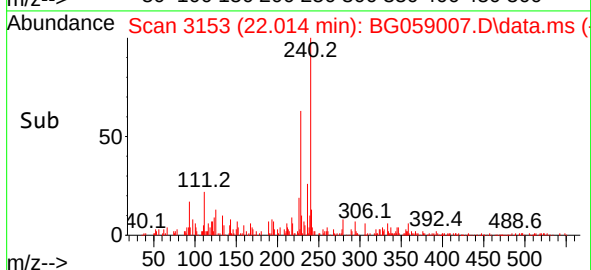
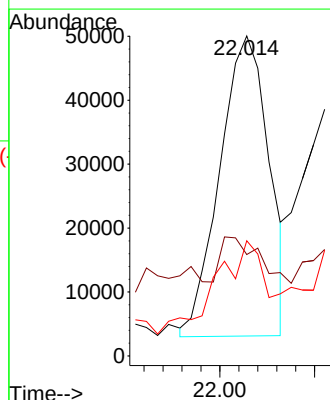
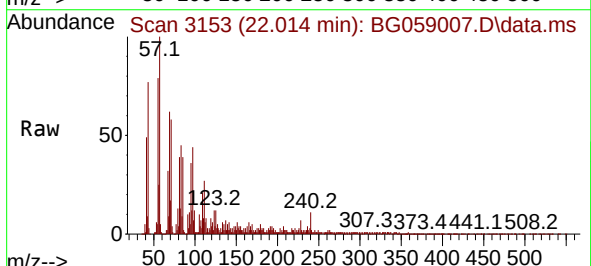
RT: 22.014 min Scan# 3153

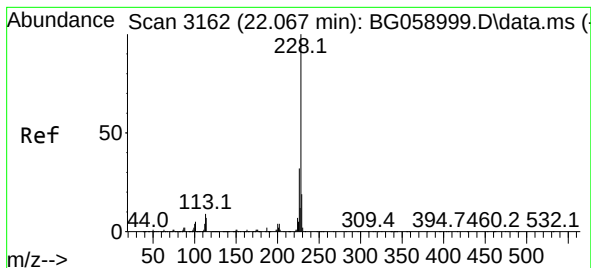
Delta R.T. 0.012 min

Lab File: BG059007.D

Acq: 12 Sep 2023 8:32

Tgt Ion:	228	Resp:	84600
Ion Ratio	Lower	Upper	
228	100		
229	31.7	16.0	24.0#
226	36.0	20.8	31.2#





#87

Chrysene

Concen: 7.060 ng/ul

RT: 22.085 min Scan# 3165

Delta R.T. 0.012 min

Lab File: BG059007.D

Acq: 12 Sep 2023 8:32

Instrument :

BNA_G

ClientSampleId :

EZYW8

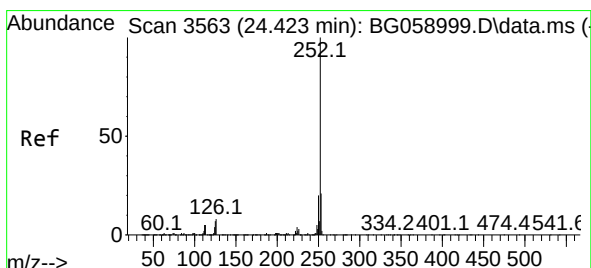
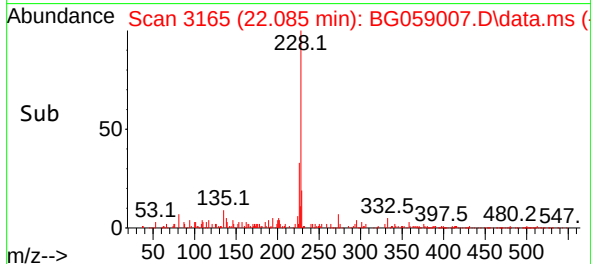
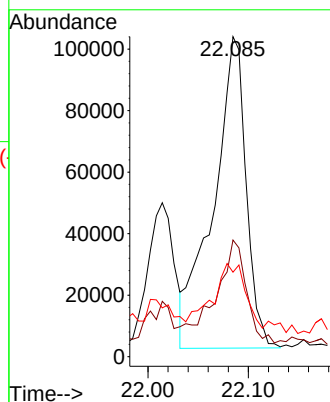
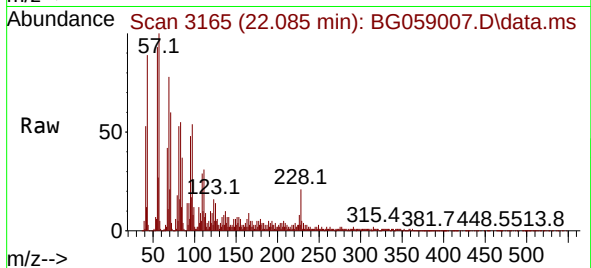
Tgt Ion:	228	Resp:	230604
Ion Ratio	Lower	Upper	
228	100		
226	36.4	23.2	34.8
229	26.4	15.3	22.9

Manual Integrations

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Supervised By :mohammad ahmed 09/13/2023



#90

Benzo(b)fluoranthene

Concen: 7.057 ng/ul

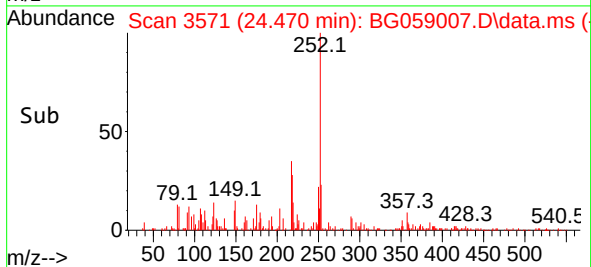
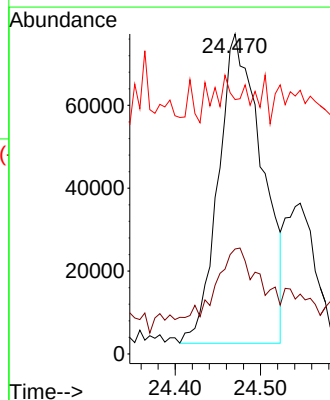
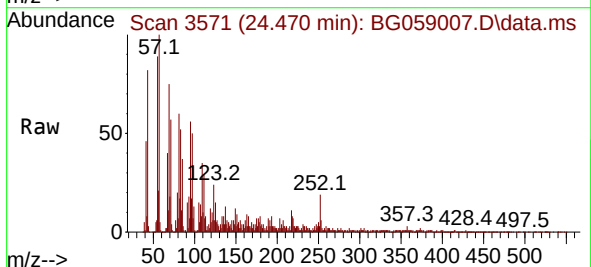
RT: 24.470 min Scan# 3571

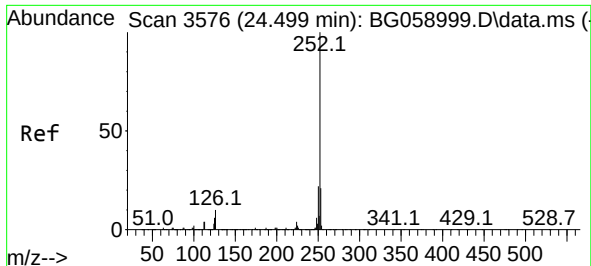
Delta R.T. 0.036 min

Lab File: BG059007.D

Acq: 12 Sep 2023 8:32

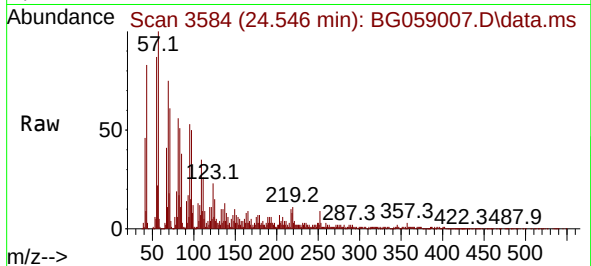
Tgt Ion:	252	Resp:	266416
Ion Ratio	Lower	Upper	
252	100		
253	32.8	17.8	26.8
125	79.5	6.2	9.2





#91
Benzo(k)fluoranthene
Concen: 2.442 ng/ul m
RT: 24.546 min Scan# 3
Delta R.T. 0.036 min
Lab File: BG059007.D
Acq: 12 Sep 2023 8:32

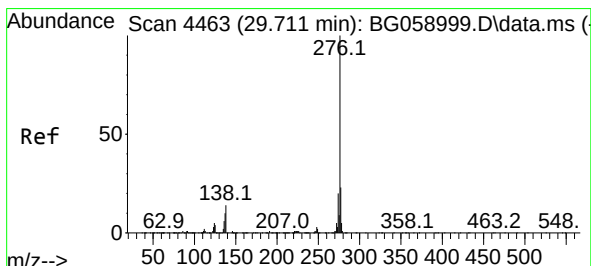
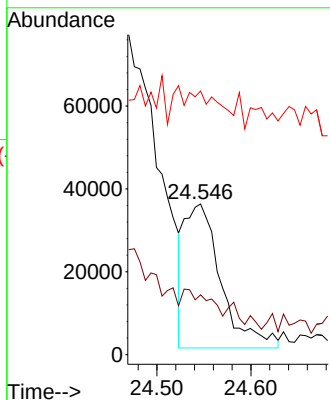
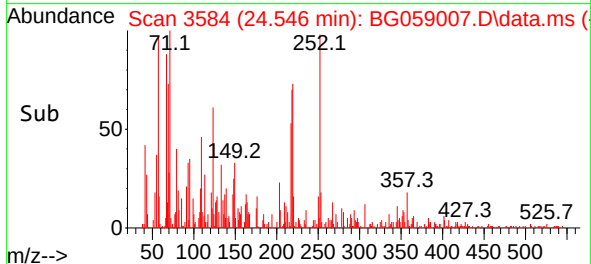
Instrument :
BNA_G
ClientSampleId :
EZYW8



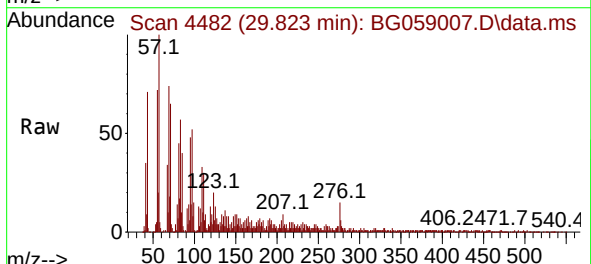
Tgt Ion:252 Resp: 94220
Ion Ratio Lower Upper
252 100
253 39.7 19.1 28.7
125 174.8 5.0 7.4

Manual Integrations
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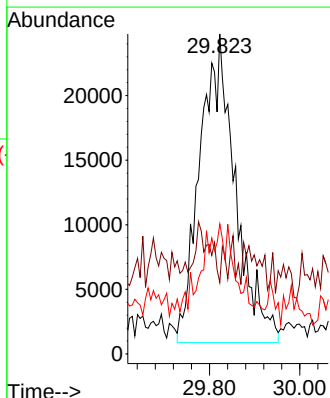
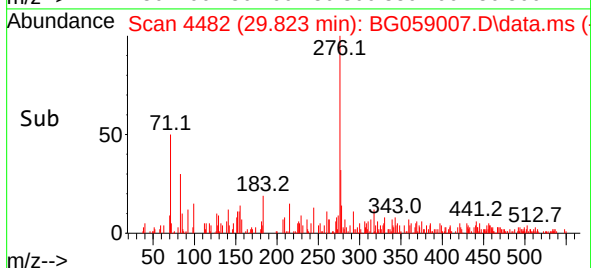
Reviewed By :Yogesh Patel 09/13/2023
Supervised By :mohammad ahmed 09/13/2023

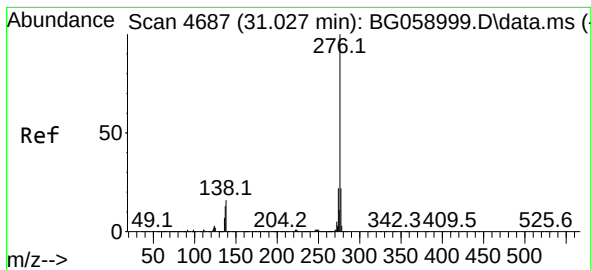


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.917 ng/ul m
RT: 29.823 min Scan# 4482
Delta R.T. 0.106 min
Lab File: BG059007.D
Acq: 12 Sep 2023 8:32



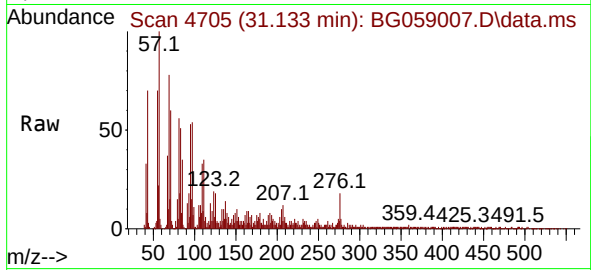
Tgt Ion:276 Resp: 129822
Ion Ratio Lower Upper
276 100
138 22.3 11.8 17.8#
277 40.6 20.7 31.1#





#96
Benzo(g,h,i)perylene
Concen: 3.899 ng/ul m
RT: 31.133 min Scan# 4
Delta R.T. 0.094 min
Lab File: BG059007.D
Acq: 12 Sep 2023 8:32

Instrument :
BNA_G
ClientSampleId :
EZYW8



Tgt Ion:276 Resp: 13732
Ion Ratio Lower Upper
276 100
138 29.8 11.4 17.2
277 28.1 17.4 26.2

Manual Integrations
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