

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058373.D
 Acq On : 21 Jul 2023 00:33
 Operator : CG/JU
 Sample : 03472-36
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 02:46:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	41617	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	198242	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	147078	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.278	188	342698	20.000	ng/u1	0.00
79) Chrysene-d12	21.526	240	277918	20.000	ng/u1	0.00
88) Perylene-d12	24.664	264	299640	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	1125	0.995	ng/uL	0.00
4) Pyridine-d5	3.741	84	23793	7.089	ng/u1	0.00
7) Phenol-d5	7.061	99	12078	3.059	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	15018	6.086	ng/u1	0.00
11) 2-Chlorophenol-d4	7.425	132	9885	3.577	ng/u1	0.00
15) 4-Methylphenol-d8	8.606	113	437m	0.145	ng/u1	0.00
21) Nitrobenzene-d5	9.059	128	8661	5.829	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	10236	6.310	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	5185	1.667	ng/u1	0.00
31) 4-Chloroaniline-d4	10.715	131	57	0.013	ng/u1	-0.12
46) Dimethylphthalate-d6	13.935	166	77178	6.805	ng/u1	0.00
49) Acenaphthylene-d8	14.229	160	70930	5.968	ng/u1	0.00
54) 4-Nitrophenol-d4	14.752	143	7299m	4.261	ng/u1	0.01
60) Fluorene-d10	15.522	176	74014	7.882	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	5487	3.143	ng/u1	0.00
73) Anthracene-d10	17.378	188	40344	2.725	ng/u1	0.00
81) Pyrene-d10	19.664	212	119478	7.279	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.441	264	23786	1.642	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.718	105	12134m	2.366	ng/u1	
72) Phenanthrene	17.319	178	100815	6.190	ng/u1	98
80) Fluoranthene	19.335	202	138652	7.373	ng/u1	99
82) Pyrene	19.693	202	101943	5.350	ng/u1	99
85) Benzo(a)anthracene	21.509	228	47663	2.552	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.409	149	32058	3.004	ng/u1	100
87) Chrysene	21.573	228	54963	3.102	ng/u1	97
90) Benzo(b)fluoranthene	23.659	252	57093	3.293	ng/u1#	94
91) Benzo(k)fluoranthene	23.724	252	22518m	1.302	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.213	276	20357m	1.002	ng/u1	

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

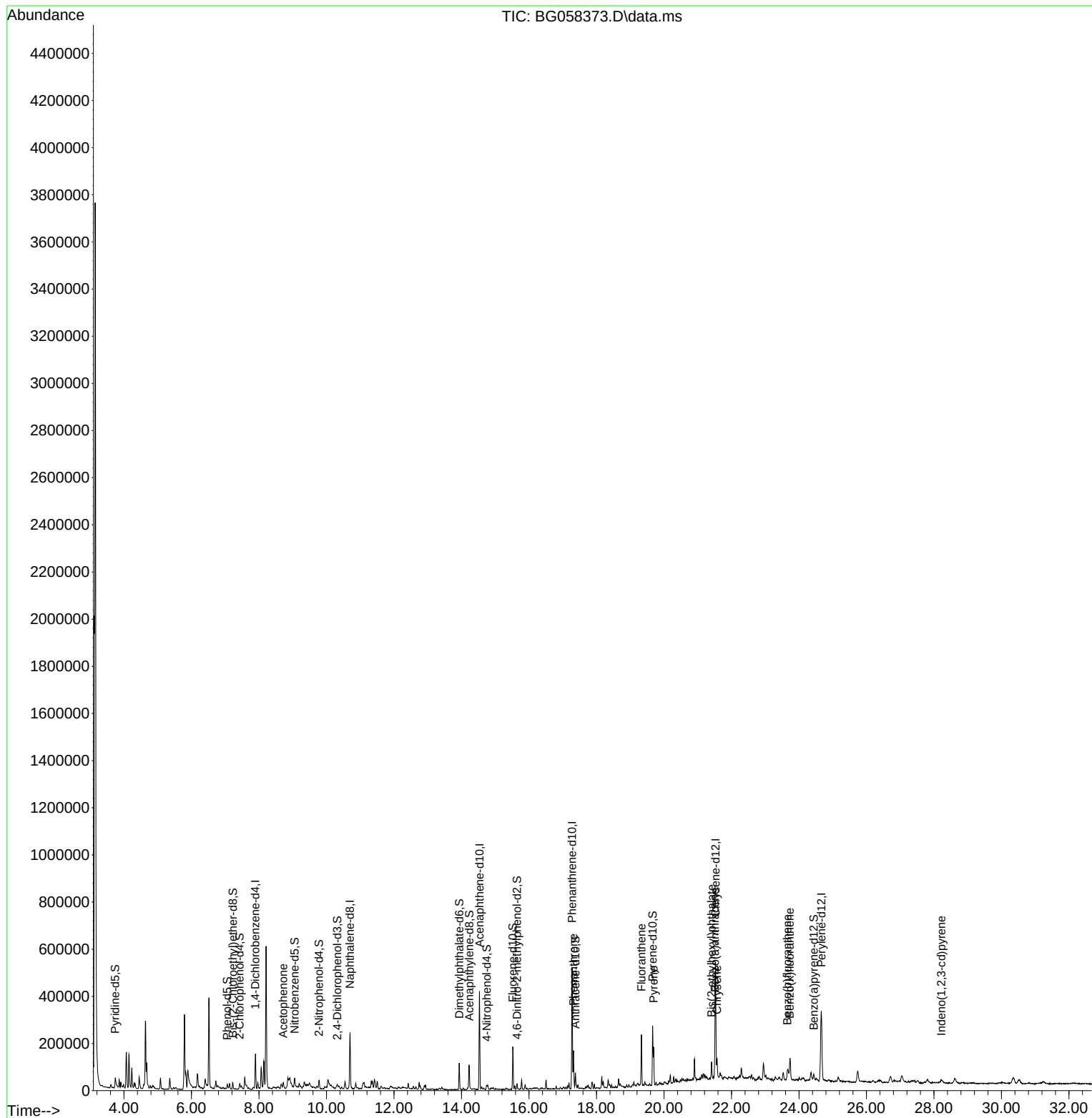
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058373.D
Acq On : 21 Jul 2023 00:33
Operator : CG/JU
Sample : 03472-36
Misc :
ALS Vial : 44 Sample Multiplier: 1

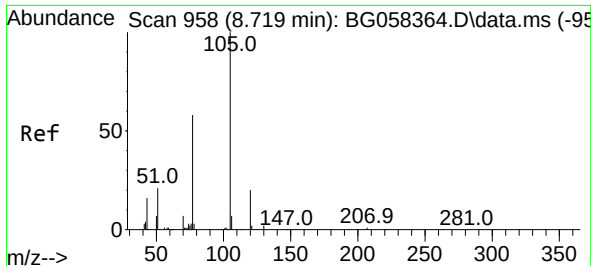
Instrument :
BNA_G
ClientSampleId :
A46S9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

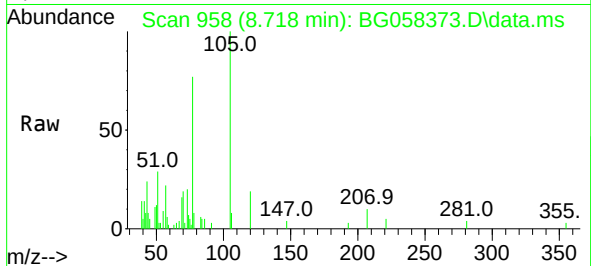
Quant Time: Jul 21 02:46:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.366 ng/ul m
RT: 8.718 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG058373.D
Acq: 21 Jul 2023 00:33

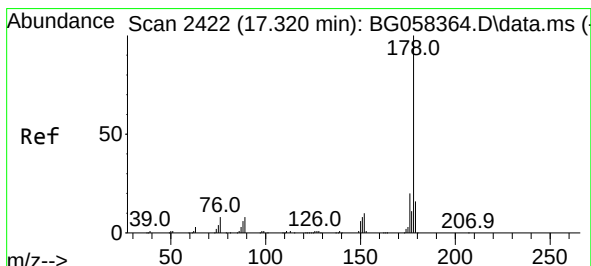
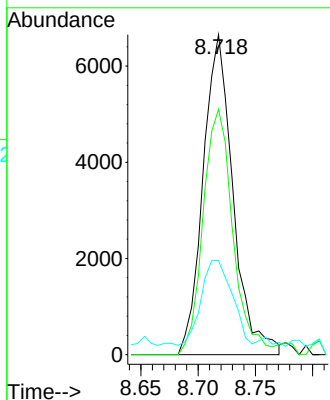
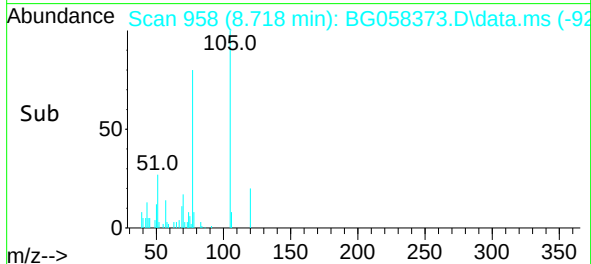
Instrument :
BNA_G
ClientSampleId :
A46S9



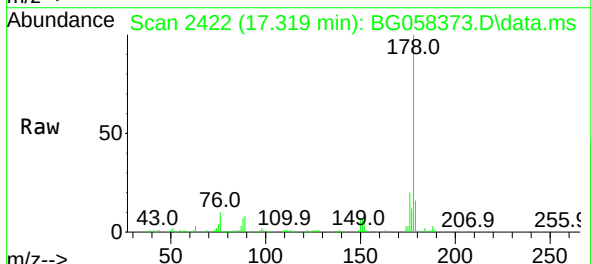
Tgt Ion:105 Resp: 12134
Ion Ratio Lower Upper
105 100
77 76.7 60.7 91.1
51 29.4 23.5 35.3

Manual Integrations
APPROVED

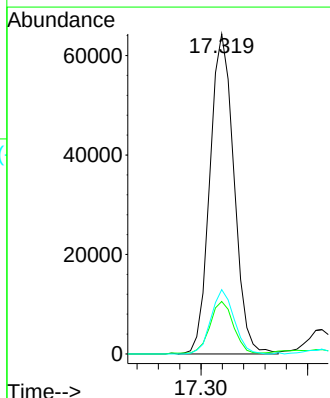
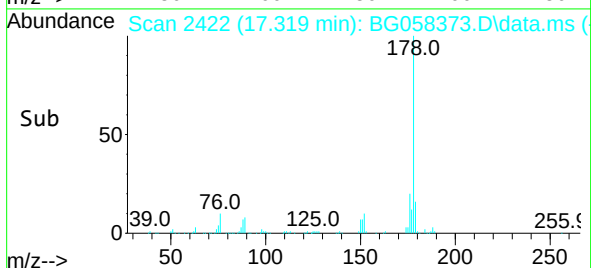
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

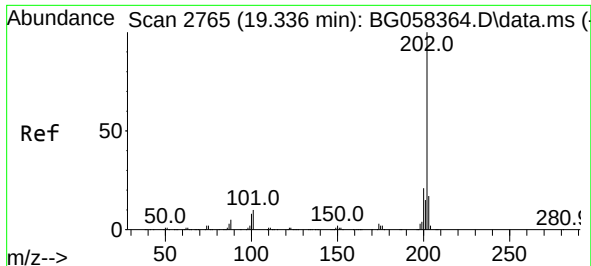


#72
Phenanthrene
Concen: 6.190 ng/ul
RT: 17.319 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BG058373.D
Acq: 21 Jul 2023 00:33



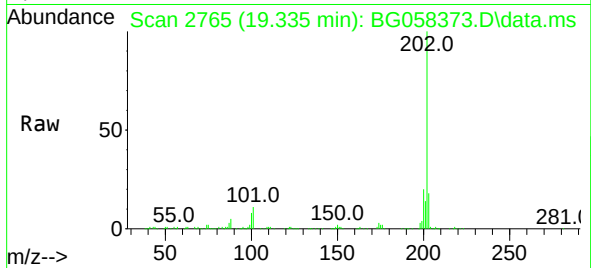
Tgt Ion:178 Resp: 100815
Ion Ratio Lower Upper
178 100
179 16.4 11.9 17.9
176 20.1 15.8 23.8





#80
Fluoranthene
Concen: 7.373 ng/u1
RT: 19.335 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG058373.D
Acq: 21 Jul 2023 00:33

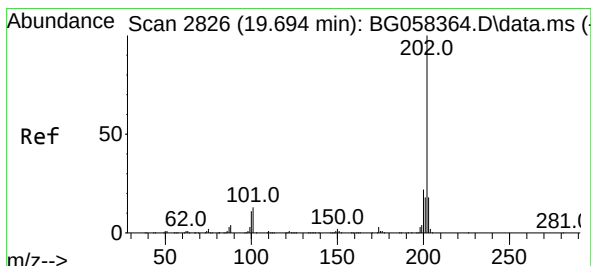
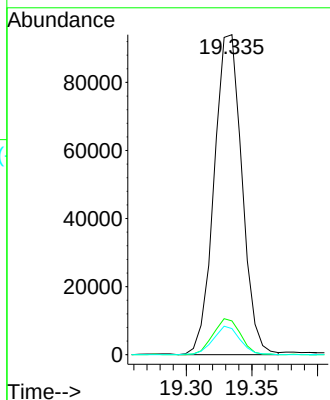
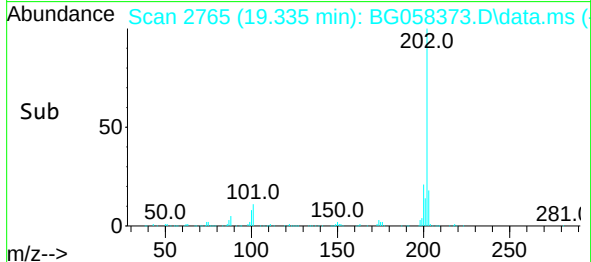
Instrument :
BNA_G
ClientSampleId :
A46S9



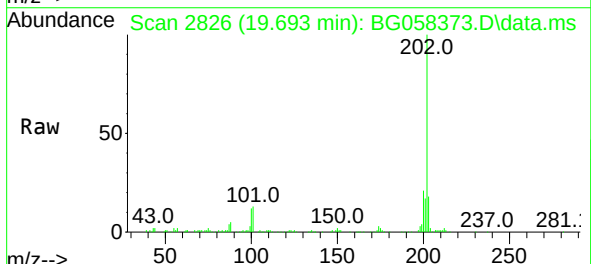
Tgt Ion:202 Resp: 138652
Ion Ratio Lower Upper
202 100
101 10.6 8.6 12.8
100 8.2 7.2 10.8

Manual Integrations
APPROVED

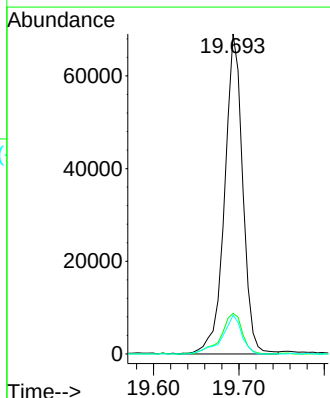
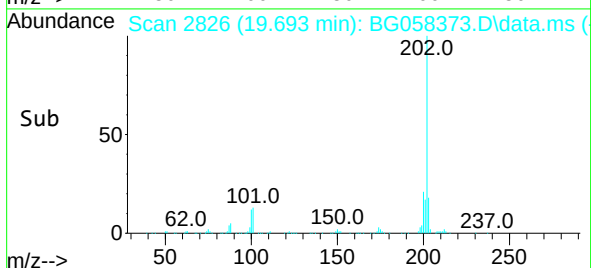
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

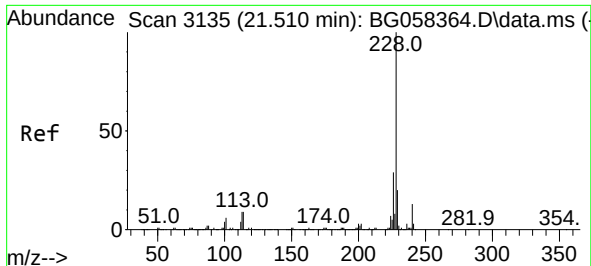


#82
Pyrene
Concen: 5.350 ng/u1
RT: 19.693 min Scan# 2826
Delta R.T. -0.004 min
Lab File: BG058373.D
Acq: 21 Jul 2023 00:33



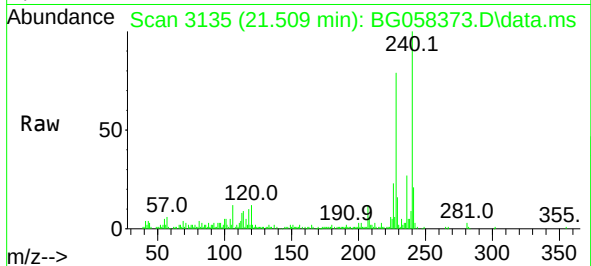
Tgt Ion:202 Resp: 101943
Ion Ratio Lower Upper
202 100
101 12.7 10.2 15.2
100 12.1 8.9 13.3





#85
Benzo(a)anthracene
Concen: 2.552 ng/ul
RT: 21.509 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BG058373.D
Acq: 21 Jul 2023 00:33

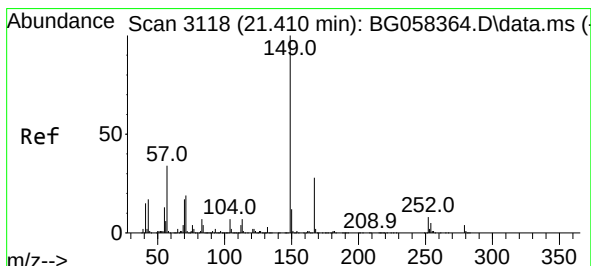
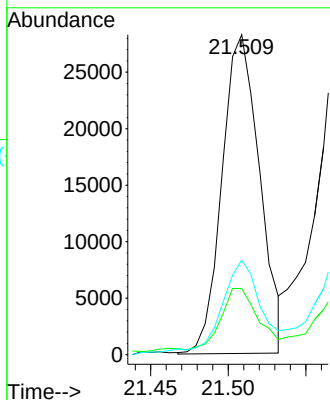
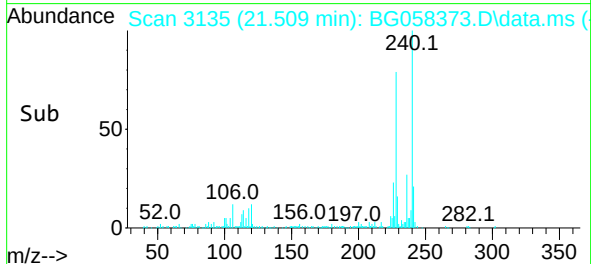
Instrument :
BNA_G
ClientSampleId :
A46S9



Tgt Ion:228 Resp: 4766
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 29.5 21.8 32.8

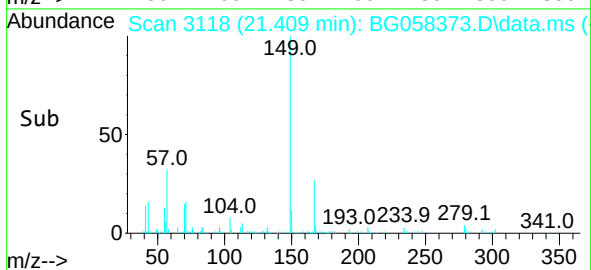
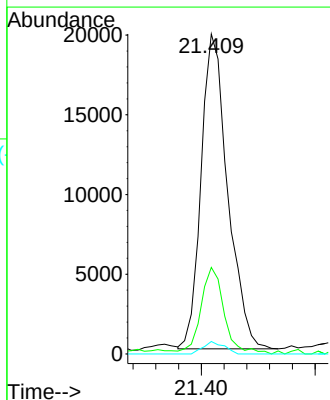
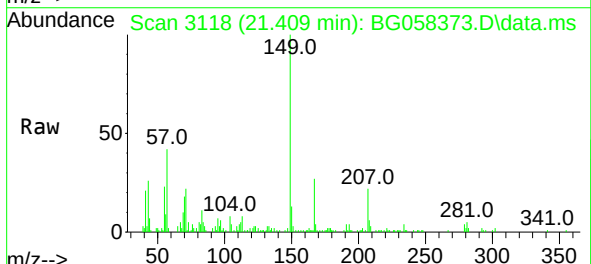
Manual Integrations
APPROVED

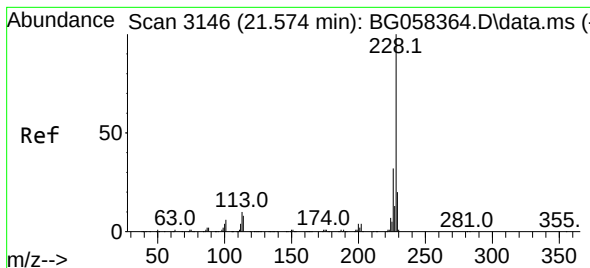
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.004 ng/ul
RT: 21.409 min Scan# 3118
Delta R.T. -0.004 min
Lab File: BG058373.D
Acq: 21 Jul 2023 00:33

Tgt Ion:149 Resp: 32058
Ion Ratio Lower Upper
149 100
167 27.0 21.6 32.4
279 3.9 3.0 4.4





#87

Chrysene

Concen: 3.102 ng/ul

RT: 21.573 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BG058373.D

Acq: 21 Jul 2023 00:33

Instrument :

BNA_G

ClientSampleId :

A46S9

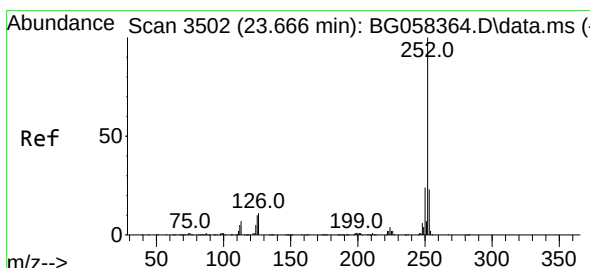
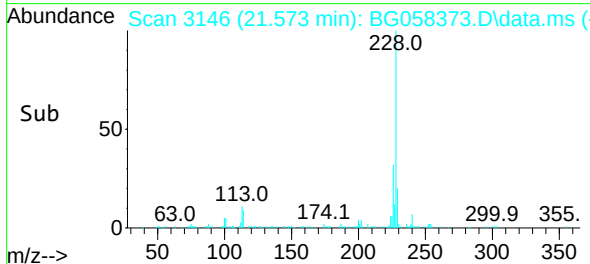
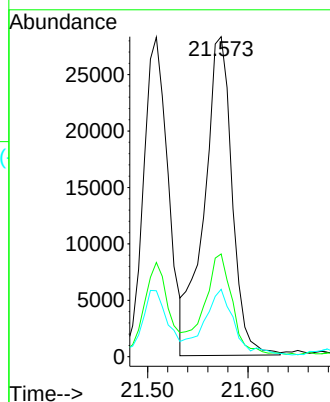
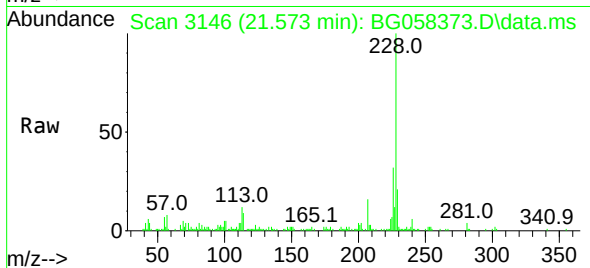
Tgt Ion:228 Resp: 5496
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.0 36.0
 229 21.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#90

Benzo(b)fluoranthene

Concen: 3.293 ng/ul

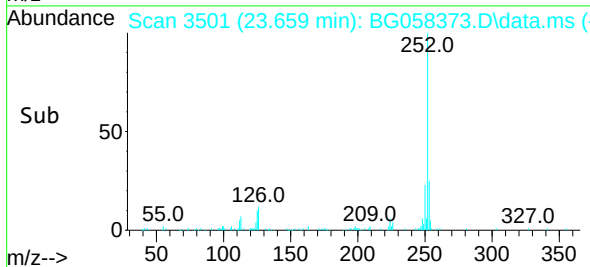
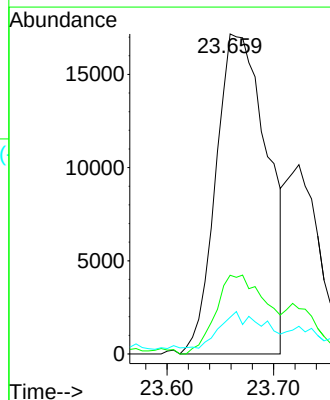
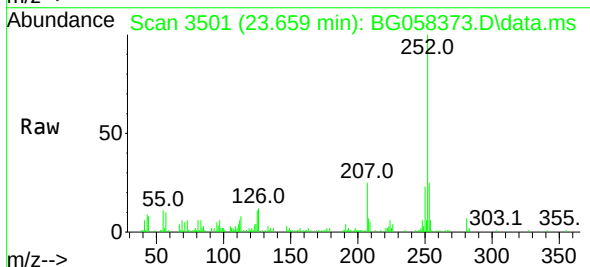
RT: 23.659 min Scan# 3501

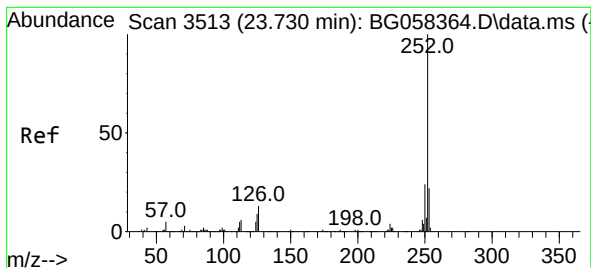
Delta R.T. -0.009 min

Lab File: BG058373.D

Acq: 21 Jul 2023 00:33

Tgt Ion:252 Resp: 57093
 Ion Ratio Lower Upper
 252 100
 253 24.6 17.9 26.9
 125 11.5 6.7 10.1#





#91

Benzo(k)fluoranthene

Concen: 1.302 ng/ul m

RT: 23.724 min Scan# 3513

Delta R.T. -0.009 min

Lab File: BG058373.D

Acq: 21 Jul 2023 00:33

Instrument :

BNA_G

ClientSampleId :

A46S9

Tgt Ion:252 Resp: 22518

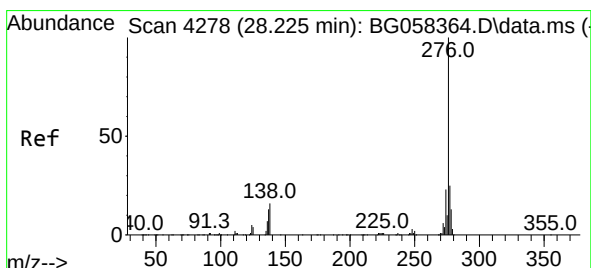
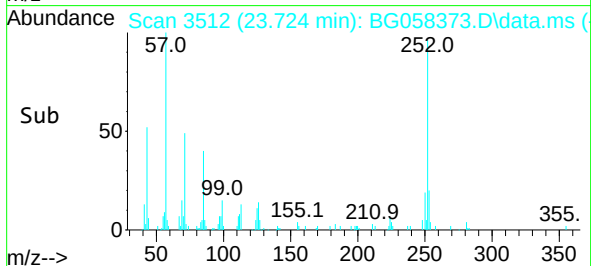
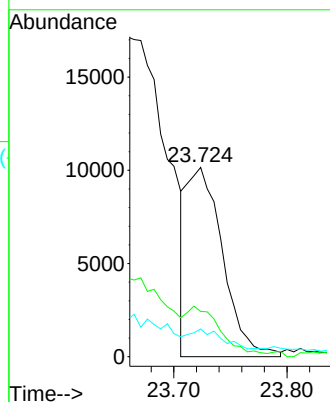
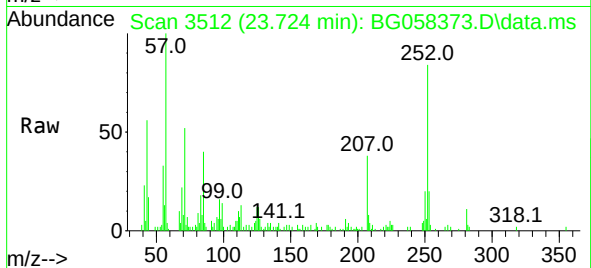
Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	14.6	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.002 ng/ul m

RT: 28.213 min Scan# 4276

Delta R.T. -0.015 min

Lab File: BG058373.D

Acq: 21 Jul 2023 00:33

Tgt Ion:276 Resp: 20357

Ion	Ratio	Lower	Upper
276	100		
138	18.4	13.8	20.6
277	26.9	19.2	28.8

