

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061368.D
 Acq On : 30 May 2024 20:36
 Operator : MA/JU
 Sample : P2570-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6B2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 30 23:14:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	23767	20.000	ng/u1	0.00
20) Naphthalene-d8	10.666	136	94917	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.503	164	78809	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.253	188	179934	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.507	240	188525	20.000	ng/u1	0.00
88) Perylene-d12	24.591	264	203935	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1957	4.608	ng/uL	0.00
4) Pyridine-d5	3.739	84	31506	20.853	ng/u1	0.00
7) Phenol-d5	7.053	99	41804	21.419	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	27018	22.024	ng/u1	0.00
11) 2-Chlorophenol-d4	7.411	132	34195	23.673	ng/u1	0.00
15) 4-Methylphenol-d8	8.592	113	30104	18.089	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	17786	24.338	ng/u1	0.00
24) 2-Nitrophenol-d4	9.750	143	20363	23.809	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.296	165	40957	24.564	ng/u1	0.00
31) 4-Chloroaniline-d4	10.801	131	27135	12.439	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	141759	23.193	ng/u1	0.00
49) Acenaphthylene-d8	14.197	160	157677	24.813	ng/u1	0.00
54) 4-Nitrophenol-d4	14.744	143	14223m	18.822	ng/u1	0.00
60) Fluorene-d10	15.502	176	126141	23.904	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.637	200	21157	19.441	ng/u1	0.00
73) Anthracene-d10	17.353	188	205977	25.965	ng/u1	0.00
81) Pyrene-d10	19.650	212	258365	26.691	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.380	264	278550	28.411	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.300	178	61173	7.005	ng/u1	97
80) Fluoranthene	19.315	202	155357	13.379	ng/u1	98
82) Pyrene	19.679	202	141416	11.732	ng/u1	99
83) Butylbenzylphthalate	20.566	149	8809	2.127	ng/u1	95
85) Benzo(a)anthracene	21.489	228	84903	6.527	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.401	149	56577	9.231	ng/u1	98
87) Chrysene	21.554	228	94147	7.860	ng/u1	97
90) Benzo(b)fluoranthene	23.616	252	126990	10.459	ng/u1	99
91) Benzo(k)fluoranthene	23.669	252	44732m	3.629	ng/u1	
93) Benzo(a)pyrene	24.444	252	93323	8.094	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.081	276	66714m	4.785	ng/u1	
95) Dibenzo(a,h)anthracene	28.122	278	19060m	1.658	ng/u1	
96) Benzo(g,h,i)perylene	29.162	276	105582	9.519	ng/u1#	97

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

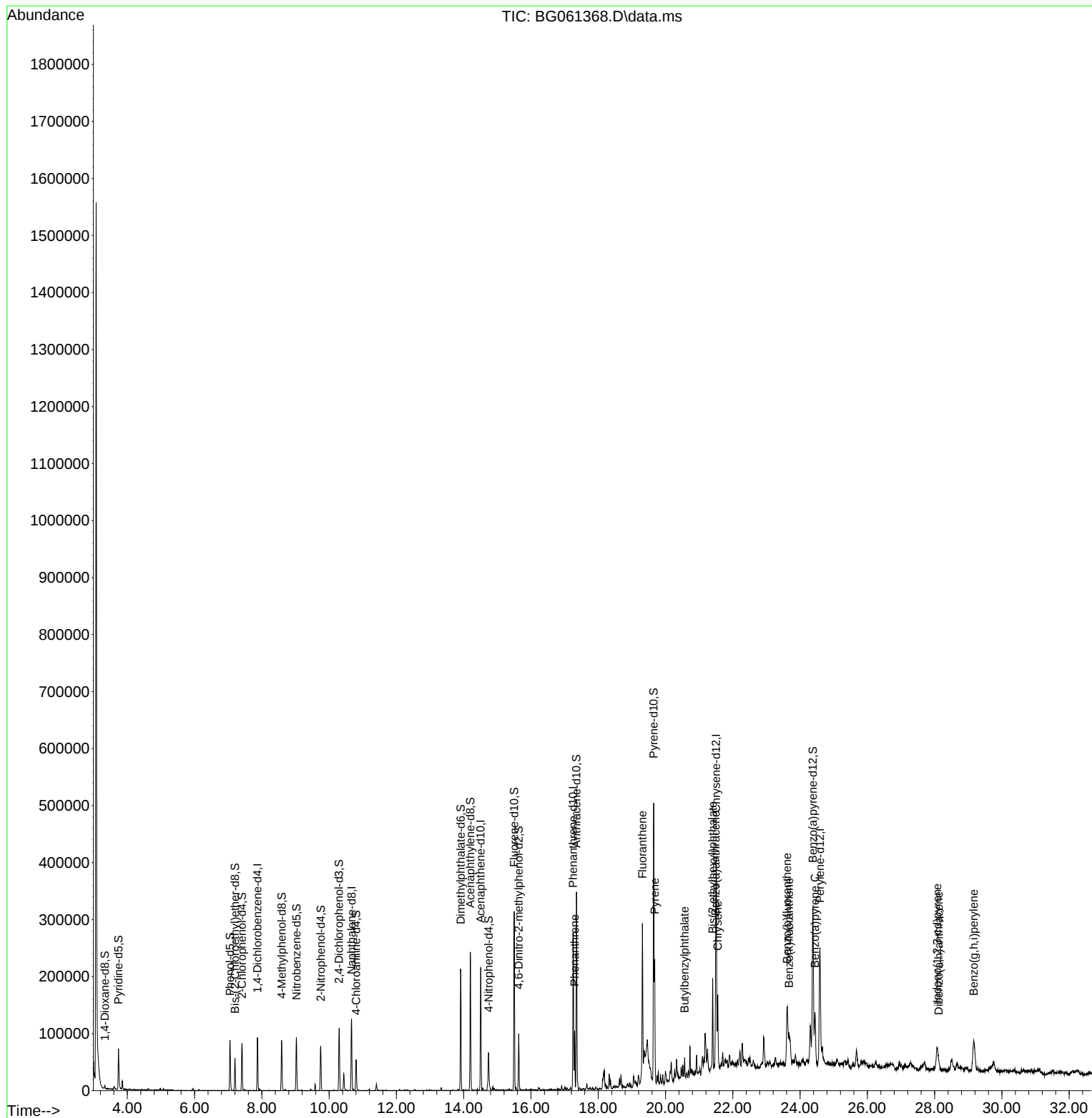
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061368.D
Acq On : 30 May 2024 20:36
Operator : MA/JU
Sample : P2570-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

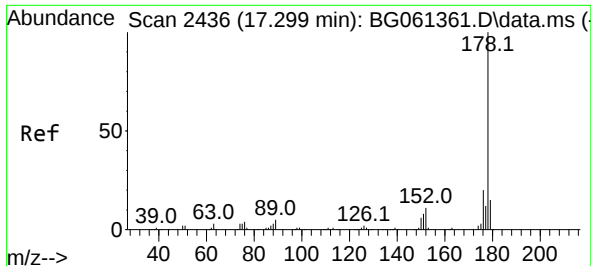
Instrument :
BNA_G
ClientSampleId :
BH6B2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

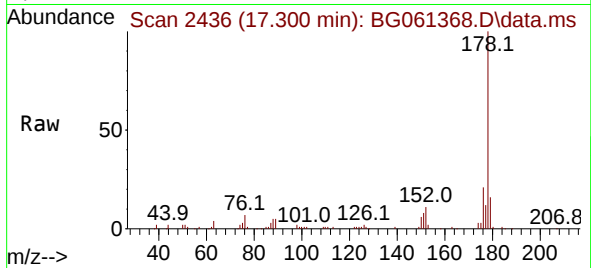
Quant Time: May 30 23:14:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 7.005 ng/u1
RT: 17.300 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BG061368.D
Acq: 30 May 2024 20:36

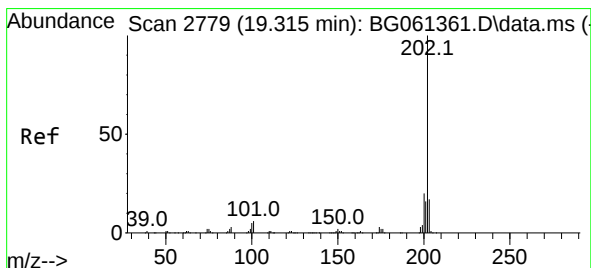
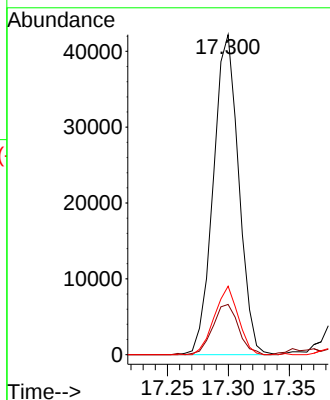
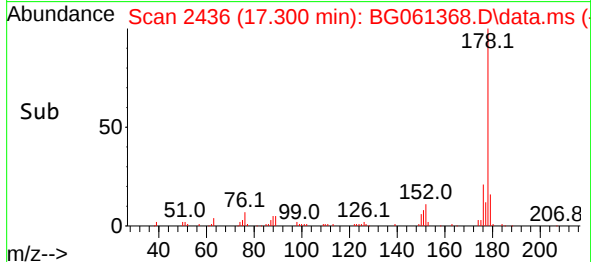
Instrument :
BNA_G
ClientSampleId :
BH6B2



Tgt Ion:178 Resp: 6117
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 21.4 15.5 23.3

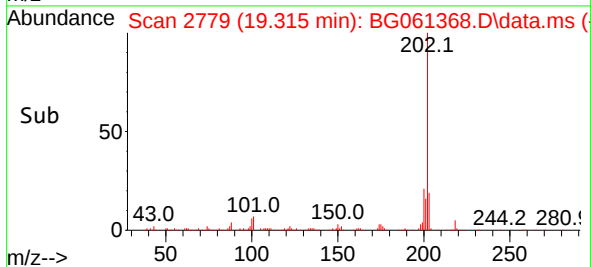
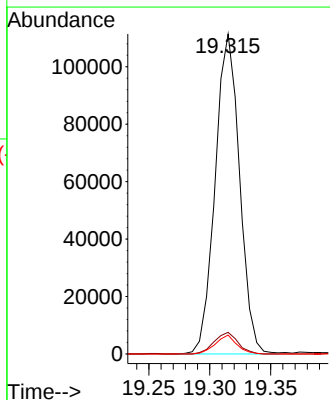
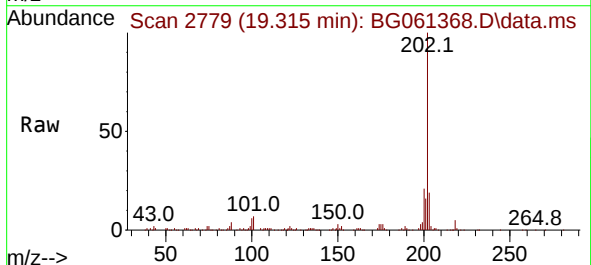
Manual Integrations
APPROVED

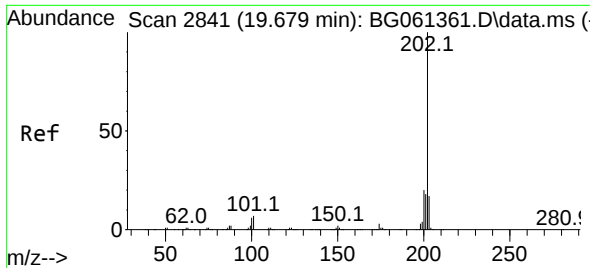
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#80
Fluoranthene
Concen: 13.379 ng/u1
RT: 19.315 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BG061368.D
Acq: 30 May 2024 20:36

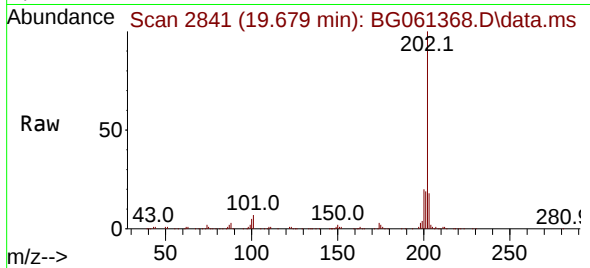
Tgt Ion:202 Resp: 155357
Ion Ratio Lower Upper
202 100
101 6.7 4.8 7.2
100 5.9 4.1 6.1





#82
 Pyrene
 Concen: 11.732 ng/ul
 RT: 19.679 min Scan# 2841
 Delta R.T. 0.000 min
 Lab File: BG061368.D
 Acq: 30 May 2024 20:36

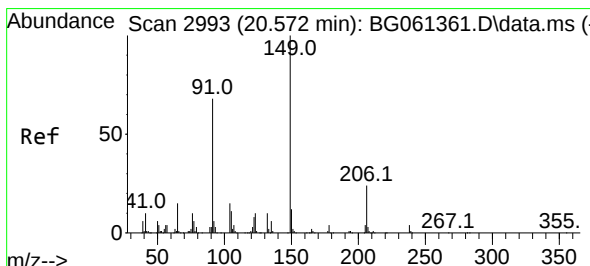
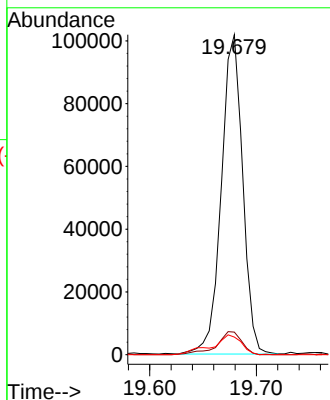
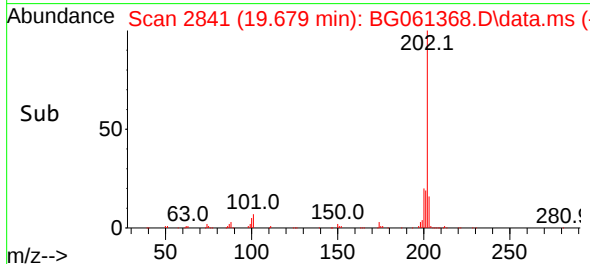
Instrument :
 BNA_G
 ClientSampleId :
 BH6B2



Tgt Ion:202 Resp: 141410
 Ion Ratio Lower Upper
 202 100
 101 7.1 5.7 8.5
 100 5.5 5.1 7.7

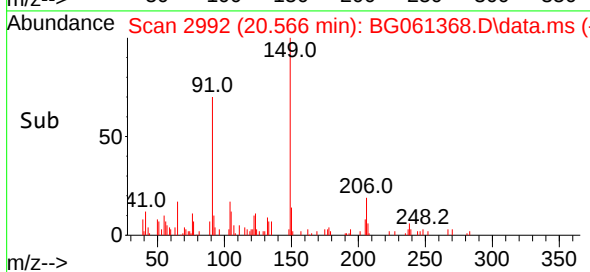
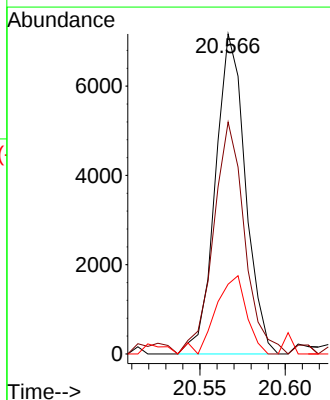
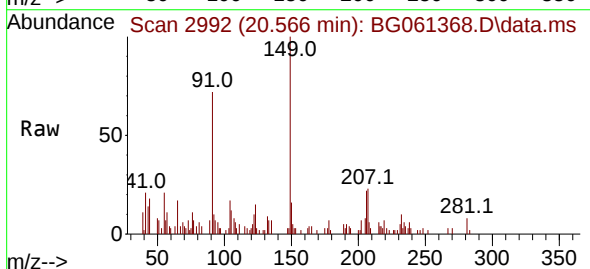
Manual Integrations
 APPROVED

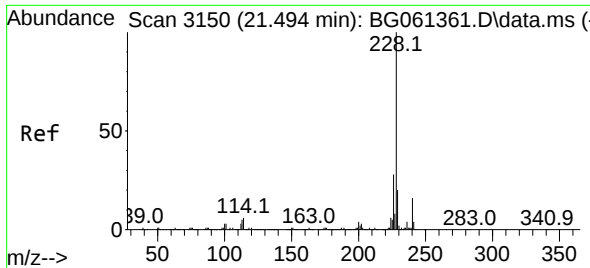
Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024



#83
 Butylbenzylphthalate
 Concen: 2.127 ng/ul
 RT: 20.566 min Scan# 2992
 Delta R.T. -0.006 min
 Lab File: BG061368.D
 Acq: 30 May 2024 20:36

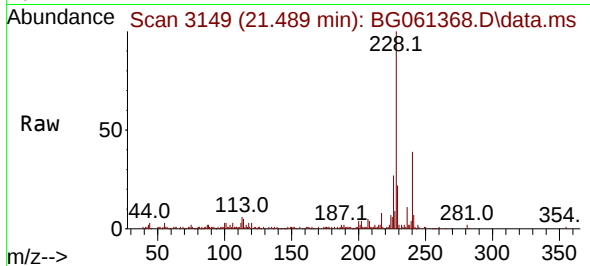
Tgt Ion:149 Resp: 8809
 Ion Ratio Lower Upper
 149 100
 91 72.5 54.8 82.2
 206 21.8 19.4 29.0





#85
Benzo(a)anthracene
Concen: 6.527 ng/ul
RT: 21.489 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG061368.D
Acq: 30 May 2024 20:36

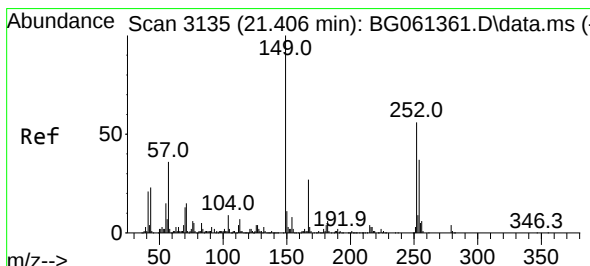
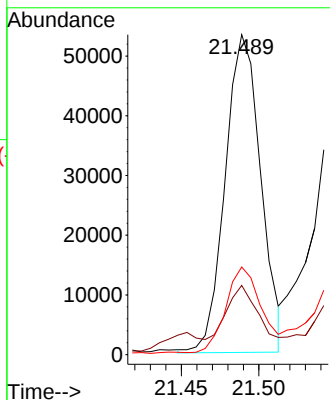
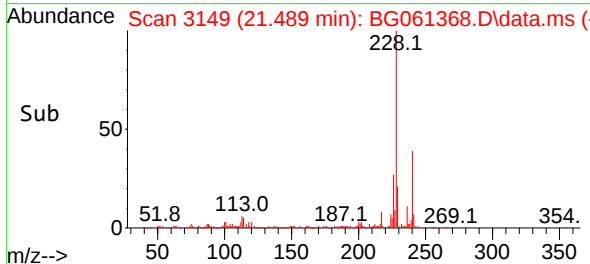
Instrument :
BNA_G
ClientSampleId :
BH6B2



Tgt Ion:228 Resp: 8490
Ion Ratio Lower Upper
228 100
229 21.7 15.2 22.8
226 27.4 21.4 32.2

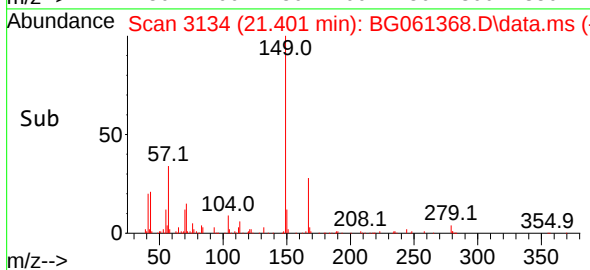
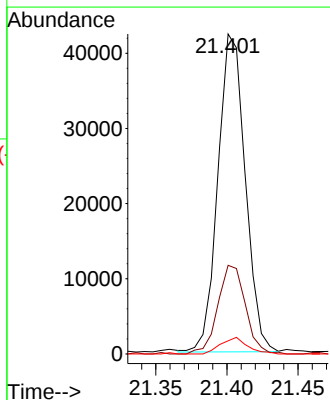
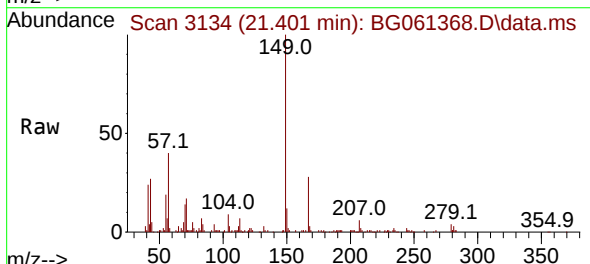
Manual Integrations
APPROVED

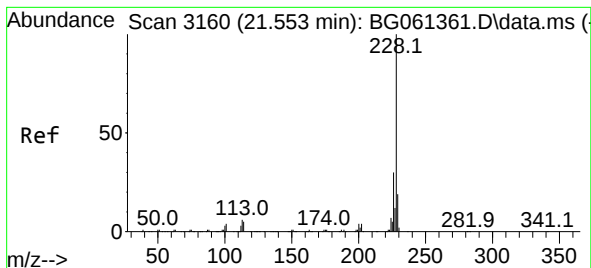
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 9.231 ng/ul
RT: 21.401 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BG061368.D
Acq: 30 May 2024 20:36

Tgt Ion:149 Resp: 56577
Ion Ratio Lower Upper
149 100
167 27.7 21.1 31.7
279 4.1 3.3 4.9





#87

Chrysene

Concen: 7.860 ng/ul

RT: 21.554 min Scan# 3160

Delta R.T. 0.000 min

Lab File: BG061368.D

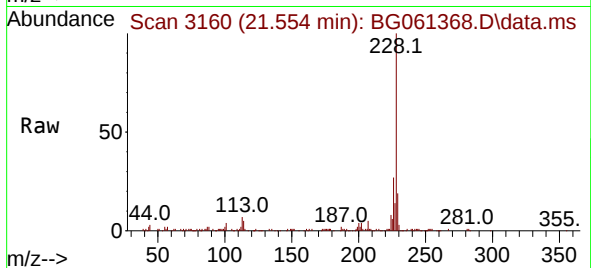
Acq: 30 May 2024 20:36

Instrument :

BNA_G

ClientSampleId :

BH6B2

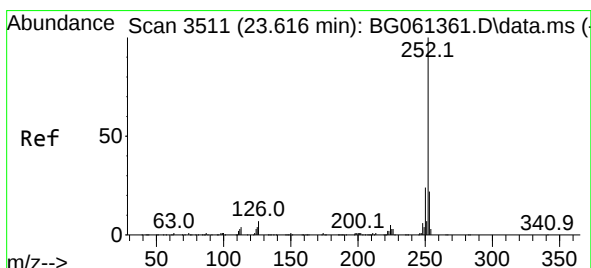
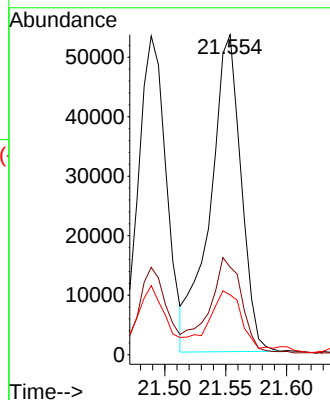
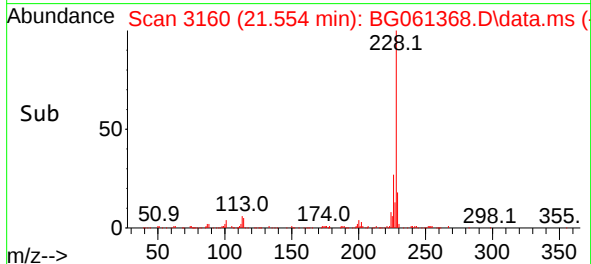


Tgt Ion:	228	Resp:	9414
Ion Ratio	Lower	Upper	
228	100		
226	27.3	23.4	35.0
229	18.7	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#90

Benzo(b)fluoranthene

Concen: 10.459 ng/ul

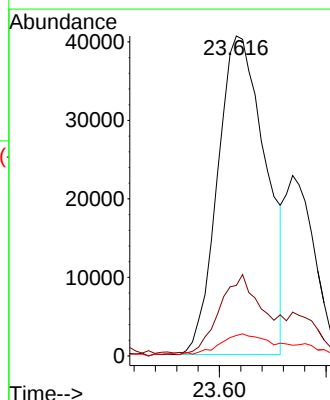
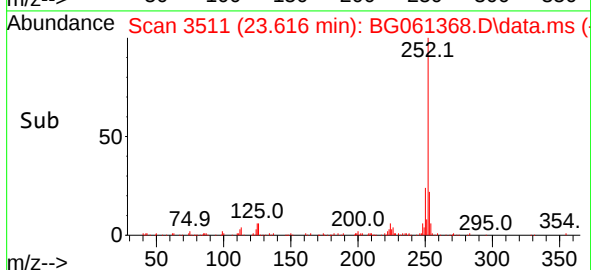
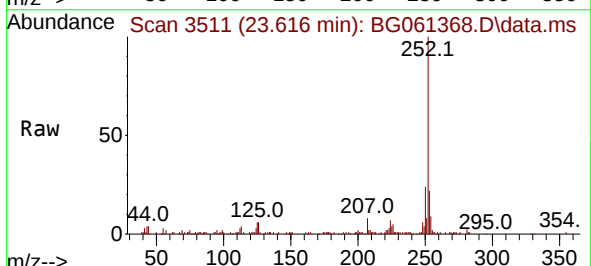
RT: 23.616 min Scan# 3511

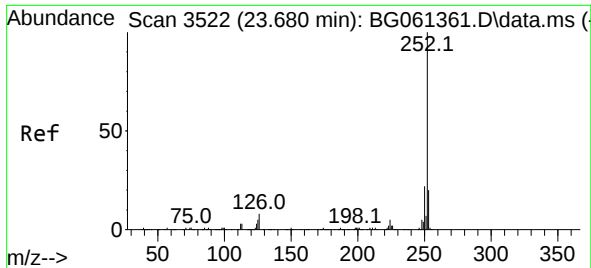
Delta R.T. 0.000 min

Lab File: BG061368.D

Acq: 30 May 2024 20:36

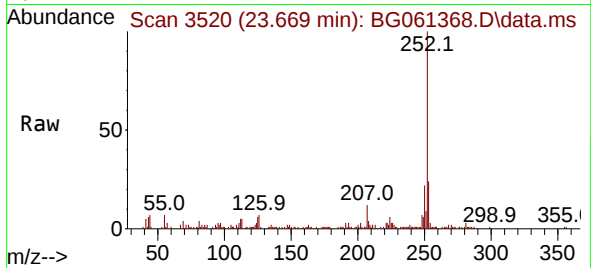
Tgt Ion:	252	Resp:	126990
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	6.4	4.6	6.8





#91
Benzo(k)fluoranthene
Concen: 3.629 ng/ul m
RT: 23.669 min Scan# 3522
Delta R.T. -0.011 min
Lab File: BG061368.D
Acq: 30 May 2024 20:36

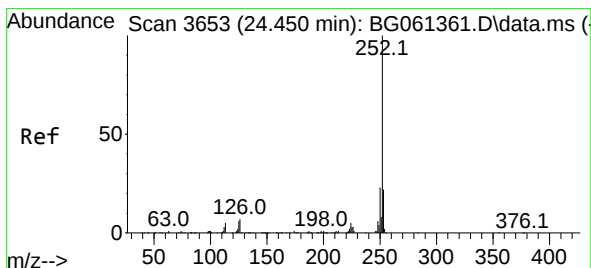
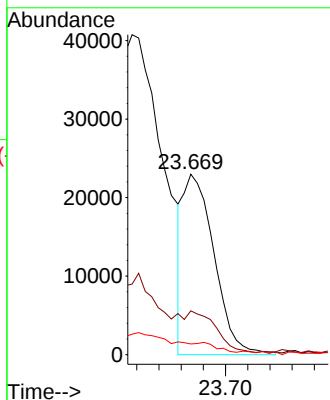
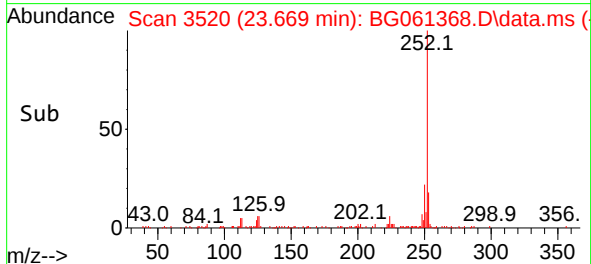
Instrument :
BNA_G
ClientSampleId :
BH6B2



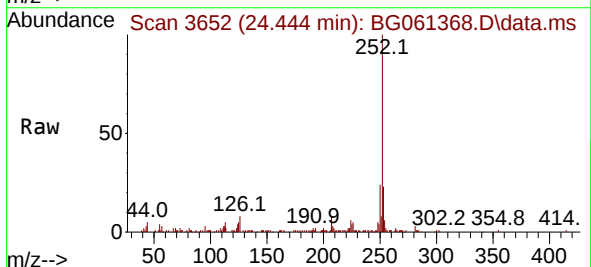
Tgt Ion:252 Resp: 44732
Ion Ratio Lower Upper
252 100
253 24.3 16.0 24.0
125 5.9 4.3 6.5

Manual Integrations
APPROVED

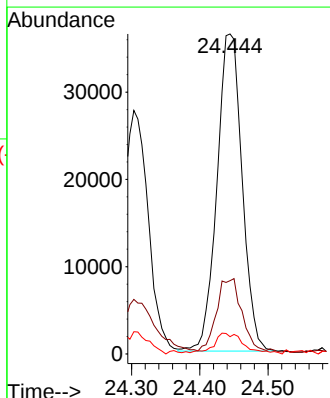
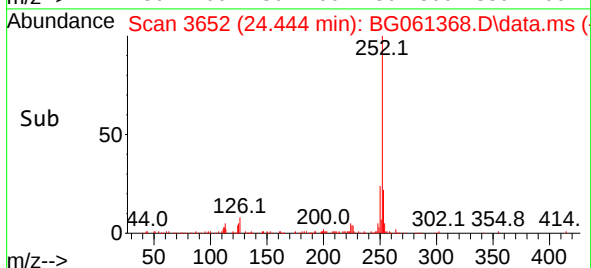
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

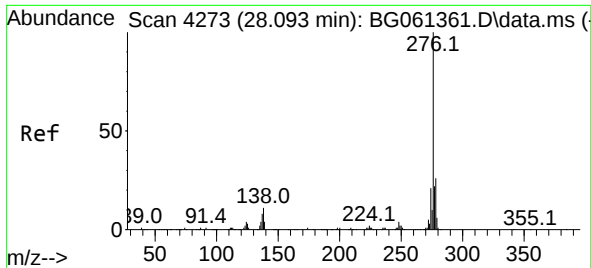


#93
Benzo(a)pyrene
Concen: 8.094 ng/ul
RT: 24.444 min Scan# 3652
Delta R.T. -0.006 min
Lab File: BG061368.D
Acq: 30 May 2024 20:36



Tgt Ion:252 Resp: 93323
Ion Ratio Lower Upper
252 100
253 22.9 16.4 24.6
125 5.4 4.3 6.5





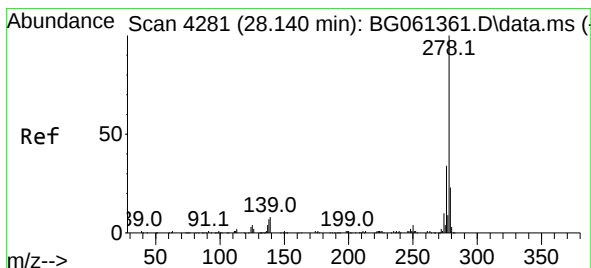
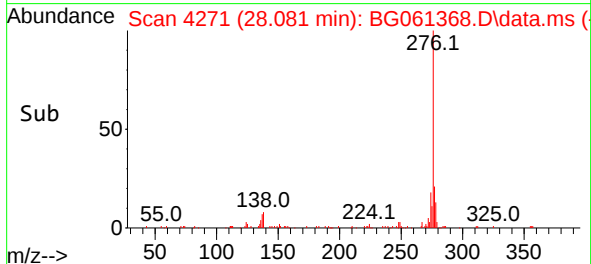
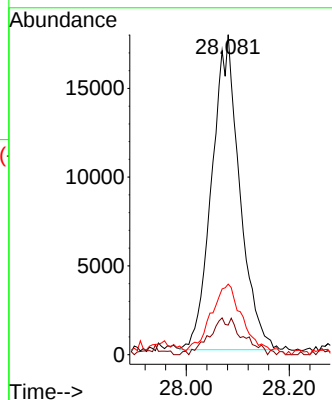
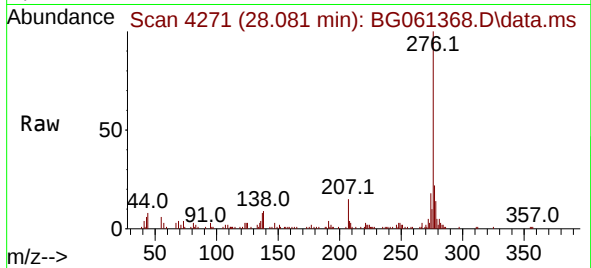
#94
Indeno(1,2,3-cd)pyrene
Concen: 4.785 ng/ul m
RT: 28.081 min Scan# 41
Delta R.T. -0.011 min
Lab File: BG061368.D
Acq: 30 May 2024 20:36

Instrument :
BNA_G
ClientSampleId :
BH6B2

Tgt Ion:276 Resp: 66714
Ion Ratio Lower Upper
276 100
138 9.3 8.6 13.0
277 22.0 19.7 29.5

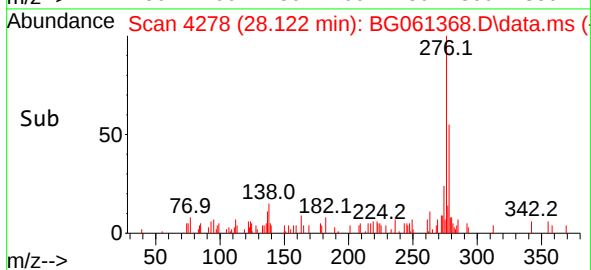
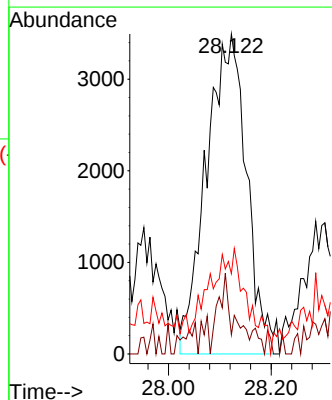
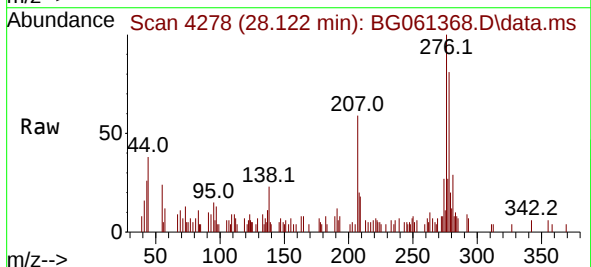
Manual Integrations
APPROVED

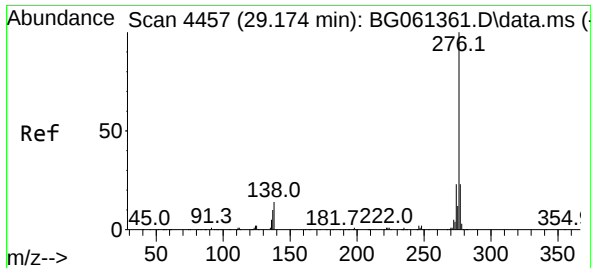
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#95
Dibenzo(a,h)anthracene
Concen: 1.658 ng/ul m
RT: 28.122 min Scan# 4278
Delta R.T. -0.017 min
Lab File: BG061368.D
Acq: 30 May 2024 20:36

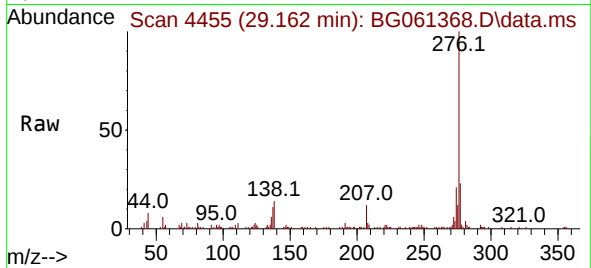
Tgt Ion:278 Resp: 19060
Ion Ratio Lower Upper
278 100
139 6.0 6.4 9.6#
279 25.1 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 9.519 ng/ul
 RT: 29.162 min Scan# 4455
 Delta R.T. -0.011 min
 Lab File: BG061368.D
 Acq: 30 May 2024 20:36

Instrument :
 BNA_G
 ClientSampleId :
 BH6B2



Tgt Ion:276 Resp: 105582
 Ion Ratio Lower Upper
 276 100
 138 13.7 8.7 13.1
 277 23.4 18.2 27.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

