

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061524.D
 Acq On : 7 Jun 2024 00:35
 Operator : MA/JU
 Sample : P2634-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBV6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 07 01:21:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	37837	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	131785	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.509	164	91529	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.259	188	212832	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	227291	20.000	ng/u1	0.00
88) Perylene-d12	24.609	264	261239	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	3014m	4.458	ng/uL	0.02
4) Pyridine-d5	3.775	84	43323	18.011	ng/u1	0.00
7) Phenol-d5	7.071	99	62364	20.071	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	40149	20.558	ng/u1	0.00
11) 2-Chlorophenol-d4	7.424	132	56117	24.403	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	51153	19.307	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	26867	26.479	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	30921	26.039	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	60109	25.965	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	68799	22.716	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	175986	24.791	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	190835	25.858	ng/u1	0.00
54) 4-Nitrophenol-d4	14.756	143	19302	21.993	ng/u1	0.00
60) Fluorene-d10	15.502	176	152240	24.840	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	10542	8.190	ng/u1	0.00
73) Anthracene-d10	17.359	188	236119	25.164	ng/u1	0.00
81) Pyrene-d10	19.656	212	295537	25.324	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	328538	26.159	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.300	178	37521	3.632	ng/u1	97
80) Fluoranthene	19.321	202	117227	8.373	ng/u1	99
82) Pyrene	19.686	202	108721	7.481	ng/u1	97
85) Benzo(a)anthracene	21.501	228	61951	3.950	ng/u1	95
87) Chrysene	21.560	228	63369	4.388	ng/u1	95
90) Benzo(b)fluoranthene	23.634	252	86205	5.542	ng/u1#	97
91) Benzo(k)fluoranthene	23.693	252	29339m	1.858	ng/u1	
93) Benzo(a)pyrene	24.462	252	62198	4.211	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	28.129	276	44175m	2.473	ng/u1	
96) Benzo(g,h,i)perylene	29.210	276	39150m	2.755	ng/u1	

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

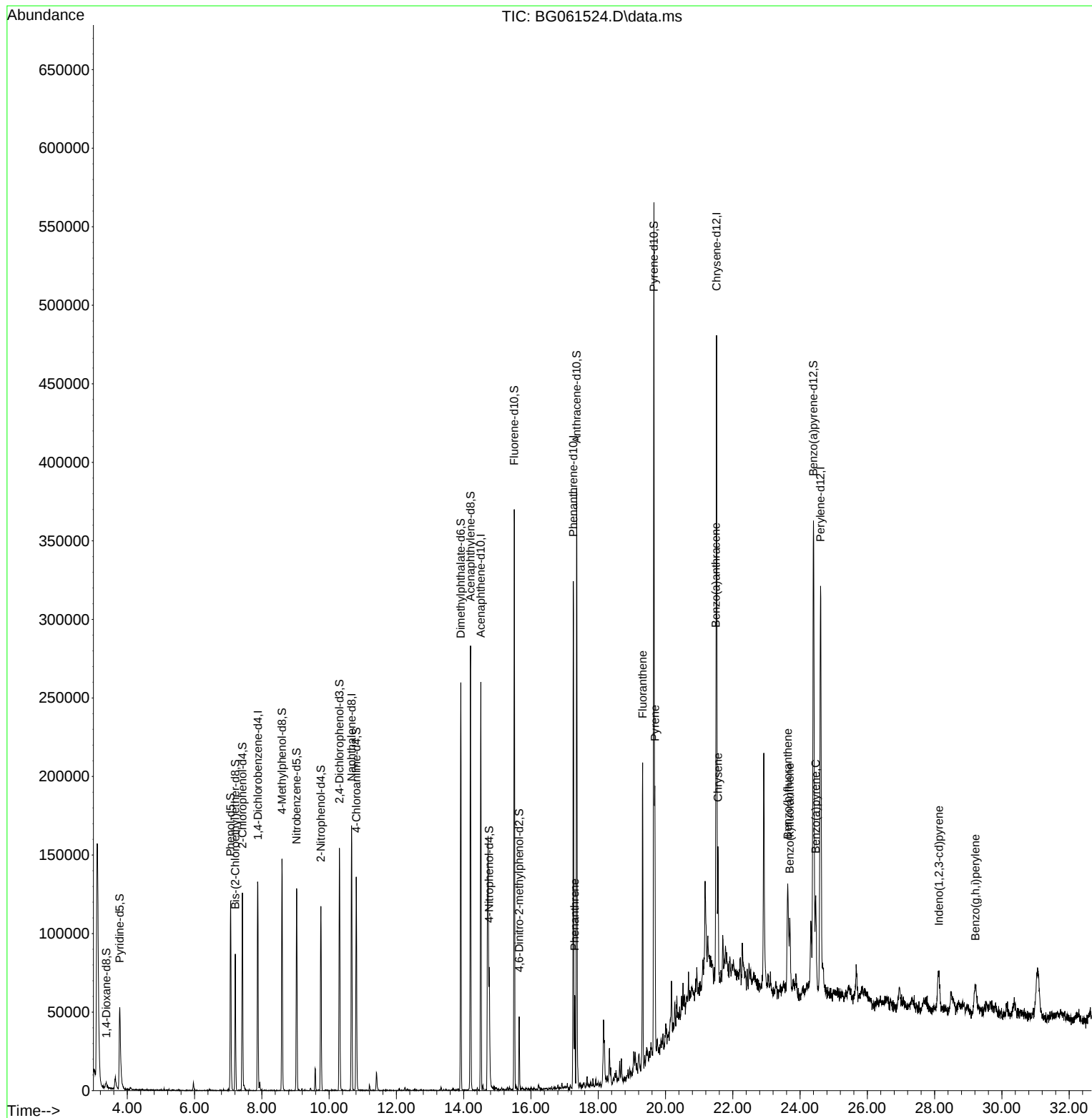
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061524.D
 Acq On : 7 Jun 2024 00:35
 Operator : MA/JU
 Sample : P2634-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

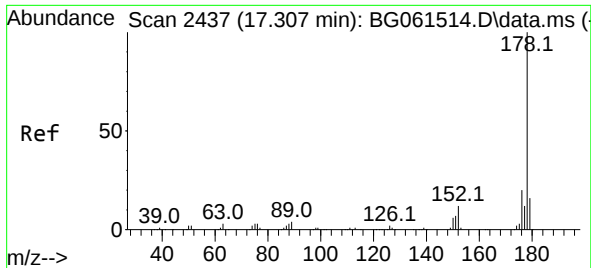
Instrument :
 BNA_G
 ClientSampleId :
 BHBY6

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

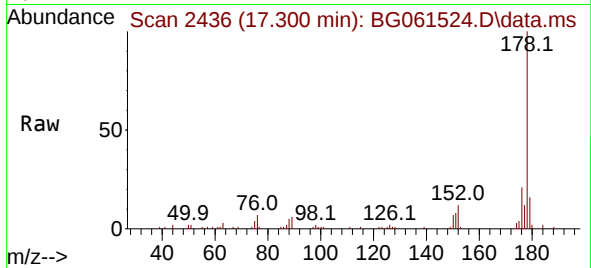
Quant Time: Jun 07 01:21:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.632 ng/ul
RT: 17.300 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG061524.D
Acq: 7 Jun 2024 00:35

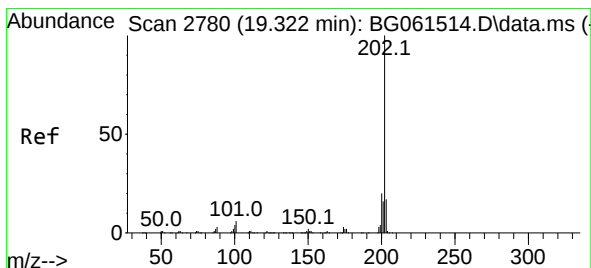
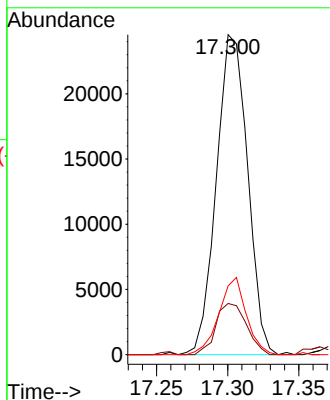
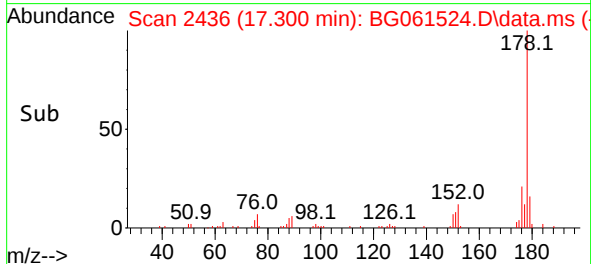
Instrument :
BNA_G
ClientSampleId :
BHY6



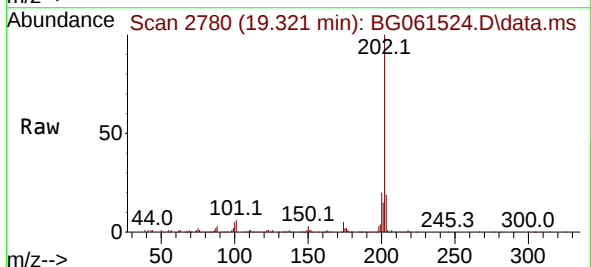
Tgt Ion:178 Resp: 3752
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 21.5 15.5 23.3

Manual Integrations
APPROVED

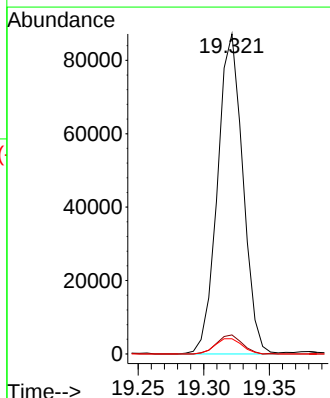
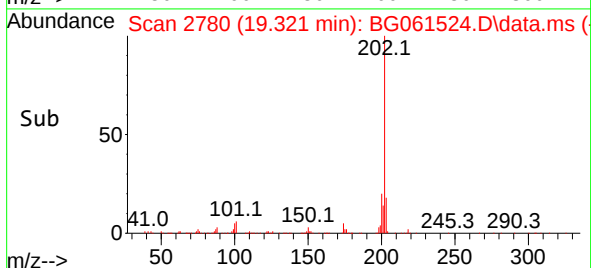
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

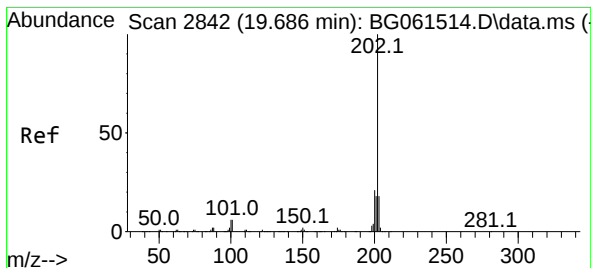


#80
Fluoranthene
Concen: 8.373 ng/ul
RT: 19.321 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BG061524.D
Acq: 7 Jun 2024 00:35



Tgt Ion:202 Resp: 117227
Ion Ratio Lower Upper
202 100
101 5.9 4.8 7.2
100 4.8 4.1 6.1





#82

Pyrene

Concen: 7.481 ng/ul

RT: 19.686 min Scan# 2842

Delta R.T. -0.000 min

Lab File: BG061524.D

Acq: 7 Jun 2024 00:35

Instrument :

BNA_G

ClientSampleId :

BHBY6

Tgt Ion:202 Resp: 10872

Ion Ratio Lower Upper

202 100

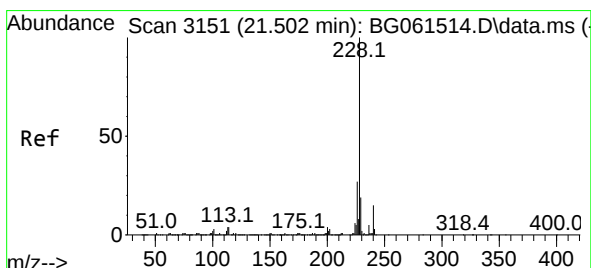
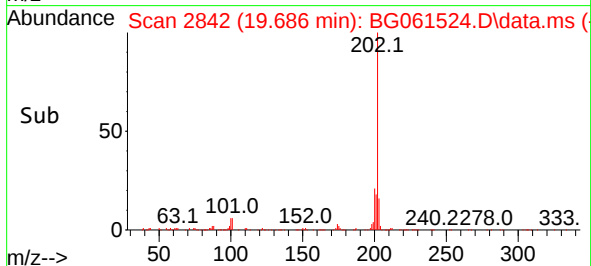
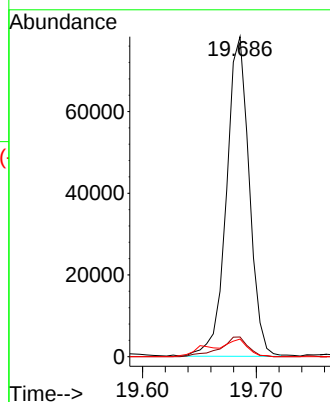
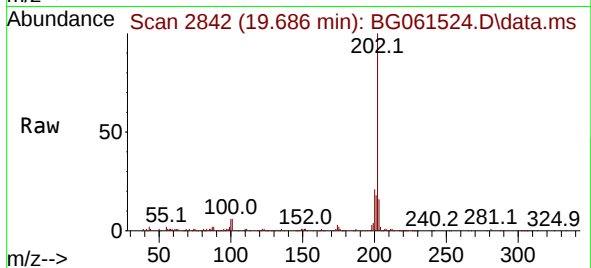
101 6.1 5.7 8.5

100 5.5 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#85

Benzo(a)anthracene

Concen: 3.950 ng/ul

RT: 21.501 min Scan# 3151

Delta R.T. -0.000 min

Lab File: BG061524.D

Acq: 7 Jun 2024 00:35

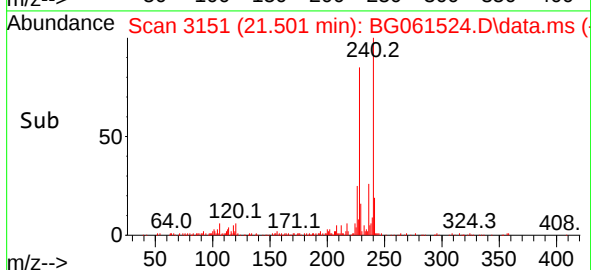
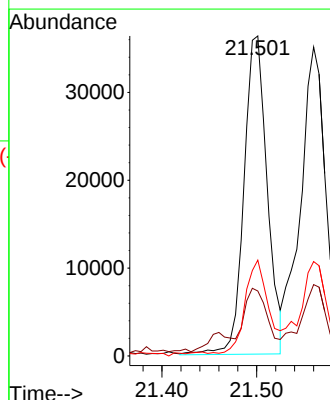
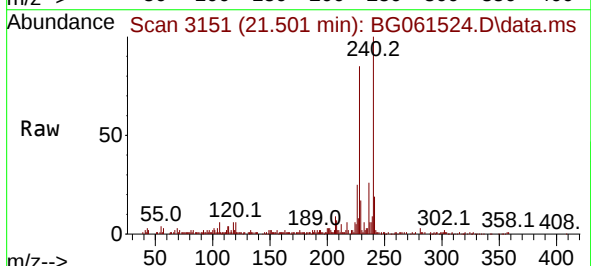
Tgt Ion:228 Resp: 61951

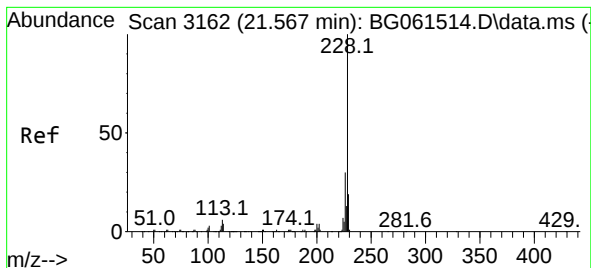
Ion Ratio Lower Upper

228 100

229 20.3 15.2 22.8

226 30.0 21.4 32.2





#87

Chrysene

Concen: 4.388 ng/ul

RT: 21.560 min Scan# 3162

Delta R.T. -0.006 min

Lab File: BG061524.D

Acq: 7 Jun 2024 00:35

Instrument :

BNA_G

ClientSampleId :

BHBY6

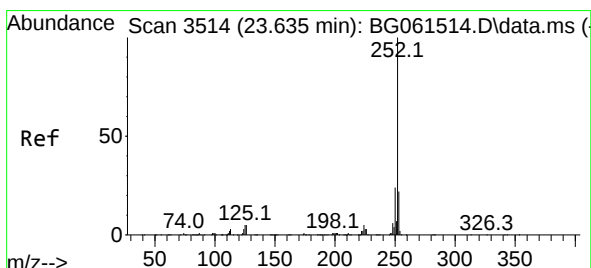
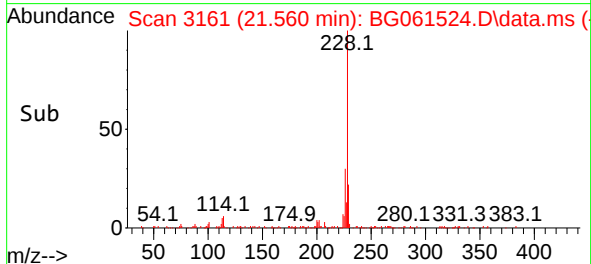
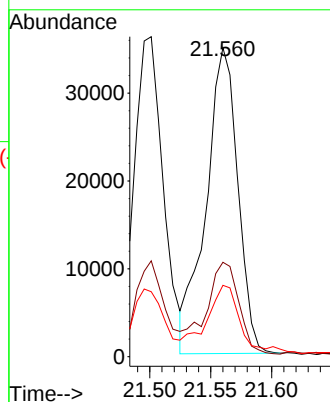
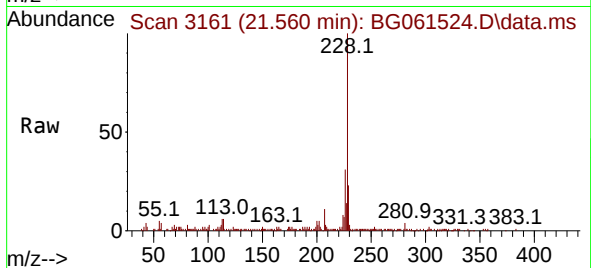
Tgt Ion:228 Resp: 63369

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	23.1	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#90

Benzo(b)fluoranthene

Concen: 5.542 ng/ul

RT: 23.634 min Scan# 3514

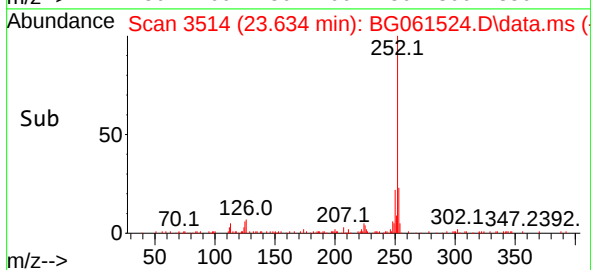
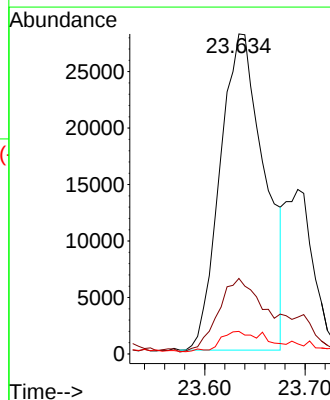
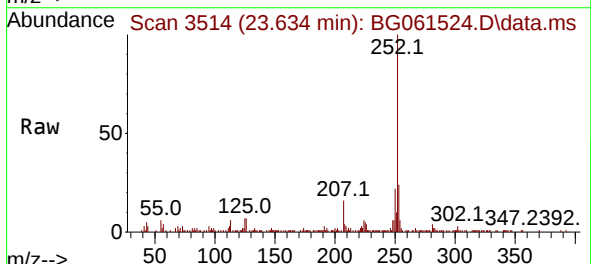
Delta R.T. -0.000 min

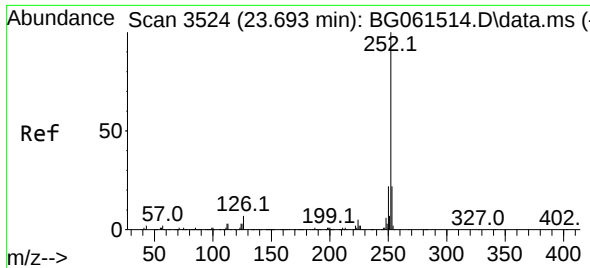
Lab File: BG061524.D

Acq: 7 Jun 2024 00:35

Tgt Ion:252 Resp: 86205

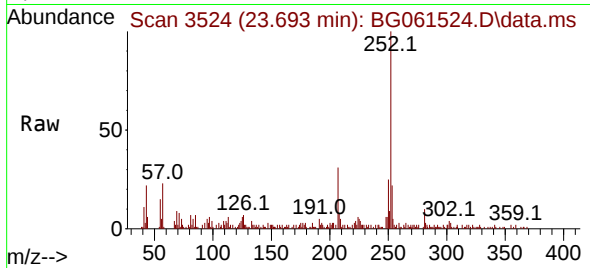
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	7.1	4.6	6.8





#91
Benzo(k)fluoranthene
Concen: 1.858 ng/ul m
RT: 23.693 min Scan# 3524
Delta R.T. -0.006 min
Lab File: BG061524.D
Acq: 7 Jun 2024 00:35

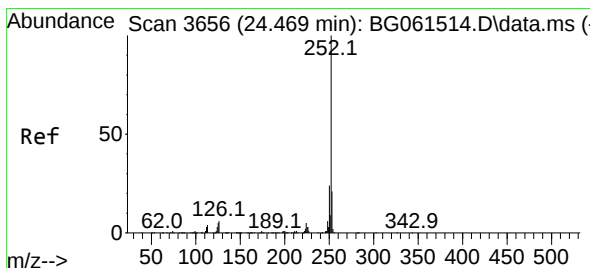
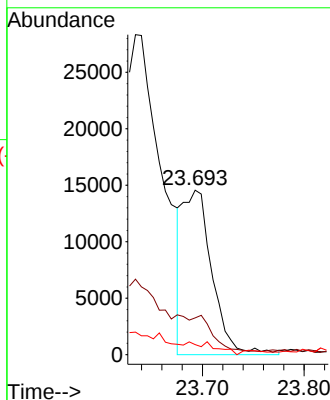
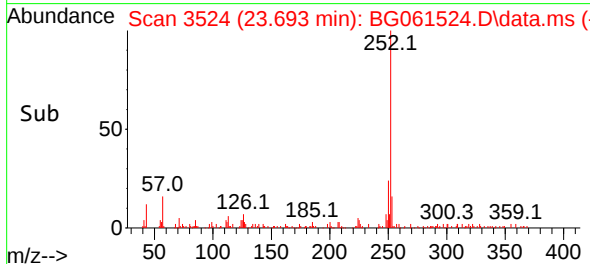
Instrument :
BNA_G
ClientSampleId :
BHHY6



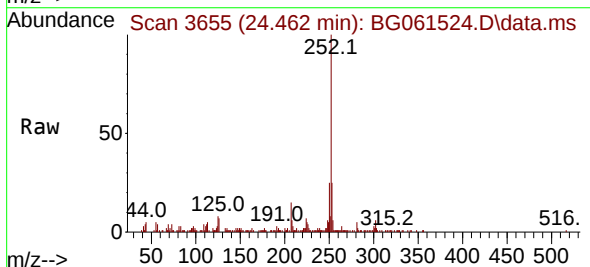
Tgt Ion:252 Resp: 29339
Ion Ratio Lower Upper
252 100
253 22.3 16.0 24.0
125 6.2 4.3 6.5

Manual Integrations
APPROVED

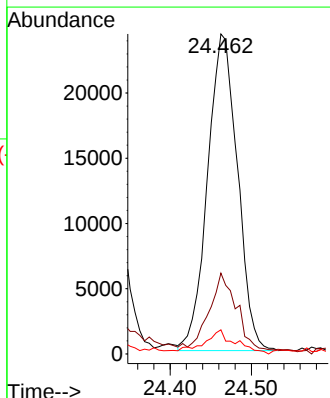
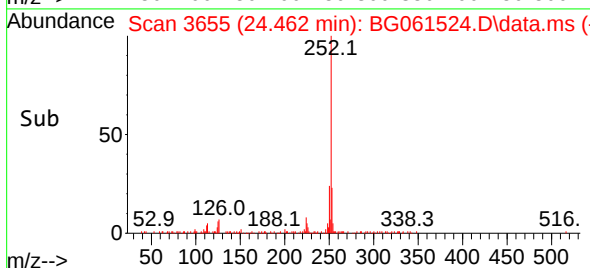
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

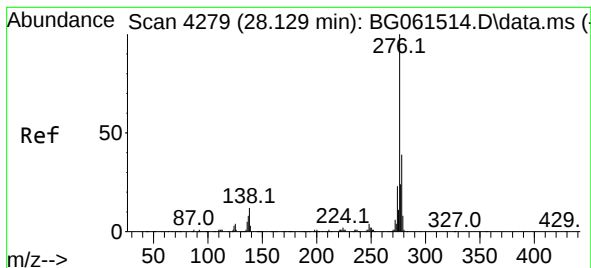


#93
Benzo(a)pyrene
Concen: 4.211 ng/ul
RT: 24.462 min Scan# 3655
Delta R.T. -0.006 min
Lab File: BG061524.D
Acq: 7 Jun 2024 00:35



Tgt Ion:252 Resp: 62198
Ion Ratio Lower Upper
252 100
253 25.3 16.4 24.6#
125 7.5 4.3 6.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.473 ng/ul m

RT: 28.129 min Scan# 4417

Delta R.T. -0.006 min

Lab File: BG061524.D

Acq: 7 Jun 2024 00:35

Instrument :

BNA_G

ClientSampleId :

BHBY6

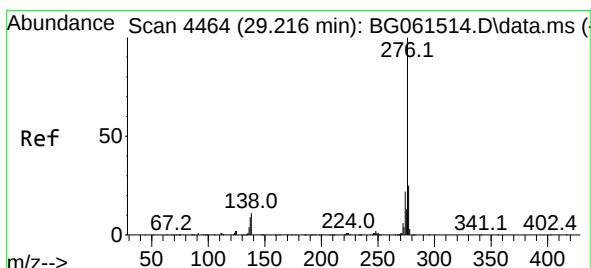
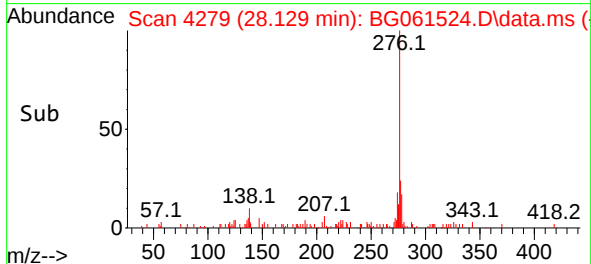
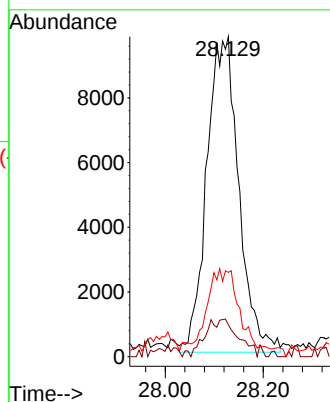
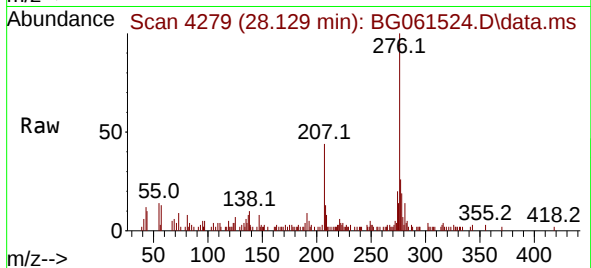
Tgt Ion:276 Resp: 4417

Ion	Ratio	Lower	Upper
276	100		
138	10.0	8.6	13.0
277	26.3	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#96

Benzo(g,h,i)perylene

Concen: 2.755 ng/ul m

RT: 29.210 min Scan# 4463

Delta R.T. -0.012 min

Lab File: BG061524.D

Acq: 7 Jun 2024 00:35

Tgt Ion:276 Resp: 39150

Ion	Ratio	Lower	Upper
276	100		
138	10.4	8.7	13.1
277	23.7	18.2	27.2

