

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061356.D
 Acq On : 30 May 2024 10:26
 Operator : MA/JU
 Sample : P2571-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH670

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 02:18:58 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	7.882	152	26449	20.000	ng/u1	0.00
20) Naphthalene-d8	10.679	136	112684	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.516	164	86492	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	190874	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	201788	20.000	ng/u1	0.00
88) Perylene-d12	24.604	264	223931	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	2424	5.129	ng/uL	0.00
4) Pyridine-d5	3.746	84	31152	18.528	ng/u1	0.00
7) Phenol-d5	7.066	99	53920	24.825	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.213	67	34000	24.905	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	43911	27.317	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	44237	23.885	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	22962	26.467	ng/u1	0.01
24) 2-Nitrophenol-d4	9.762	143	26448	26.048	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.309	165	52809	26.678	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	60735	23.452	ng/u1	0.01
46) Dimethylphthalate-d6	13.922	166	163964	24.443	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	188665	27.053	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	17461m	21.054	ng/u1	0.01
60) Fluorene-d10	15.509	176	149862	25.876	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	14633	12.675	ng/u1	0.01
73) Anthracene-d10	17.365	188	221489	26.321	ng/u1	0.00
81) Pyrene-d10	19.657	212	288521	27.847	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	315153	29.274	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.307	178	9928	1.072	ng/u1	94
80) Fluoranthene	19.322	202	30476	2.452	ng/u1#	97
82) Pyrene	19.686	202	29669	2.300	ng/u1	100
85) Benzo(a)anthracene	21.502	228	17039	1.224	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.413	149	9883	1.506	ng/u1#	89
87) Chrysene	21.560	228	18908m	1.475	ng/u1	
90) Benzo(b)fluoranthene	23.634	252	23268	1.745	ng/u1	99
93) Benzo(a)pyrene	24.457	252	17194	1.358	ng/u1#	93

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

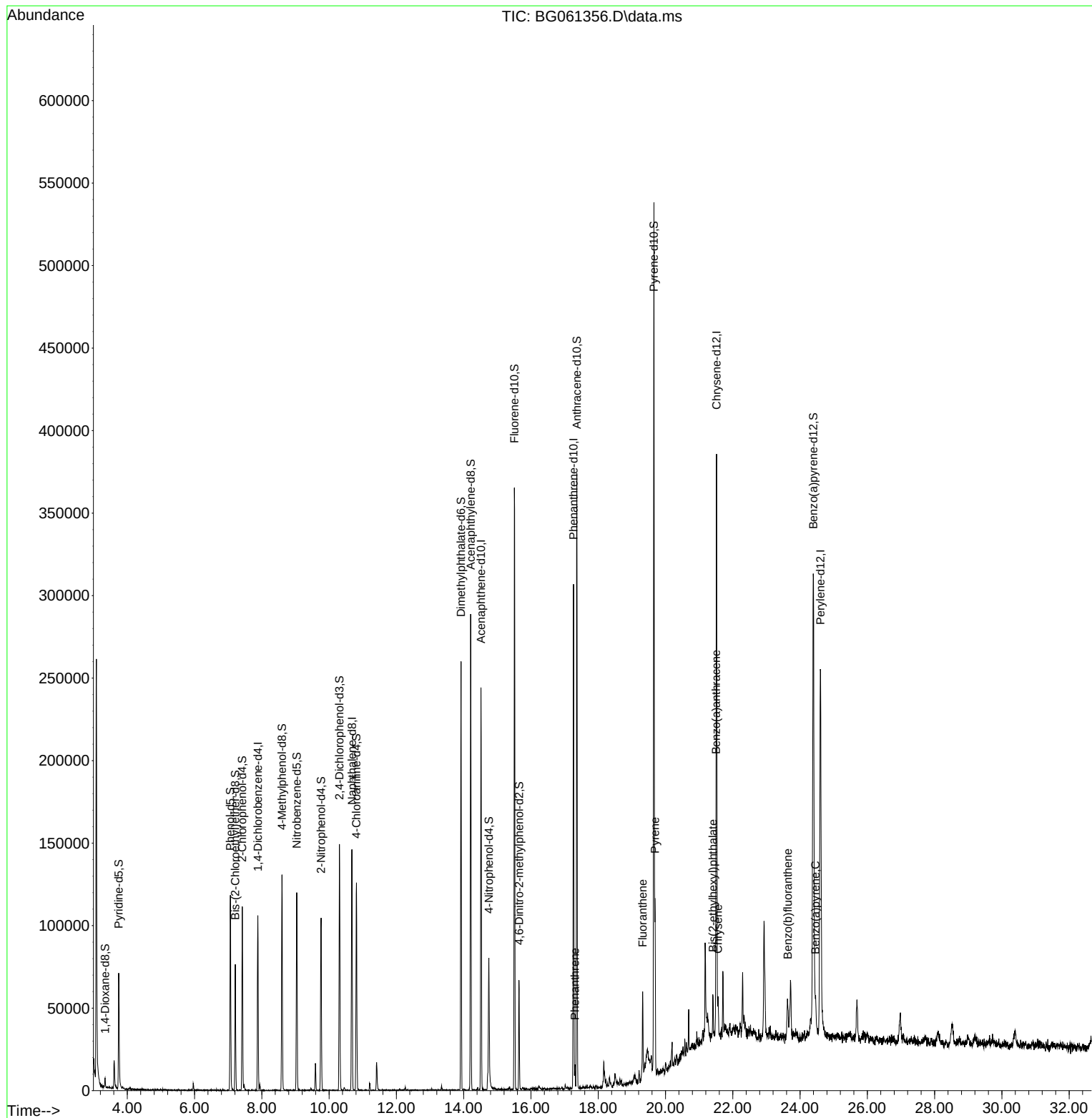
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061356.D
Acq On : 30 May 2024 10:26
Operator : MA/JU
Sample : P2571-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

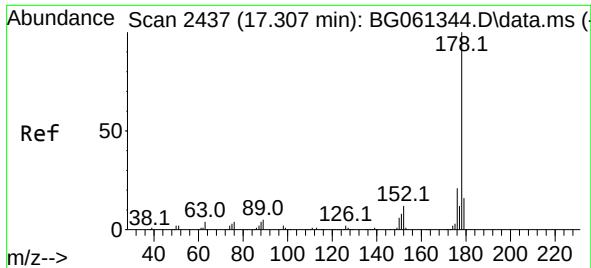
Instrument :
BNA_G
ClientSampleId :
BH670

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

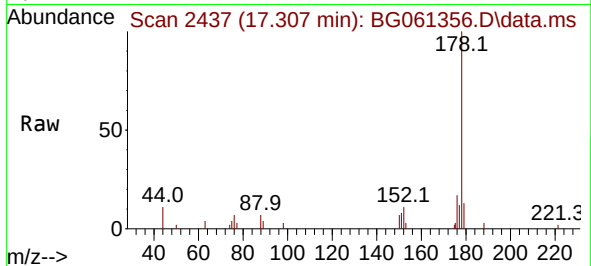
Quant Time: May 31 02:18:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.072 ng/u1
RT: 17.307 min Scan# 2437
Delta R.T. 0.007 min
Lab File: BG061356.D
Acq: 30 May 2024 10:26

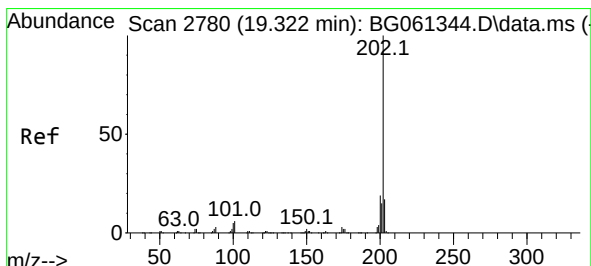
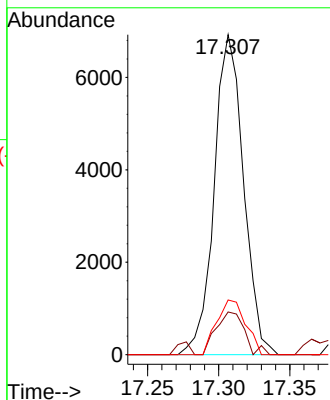
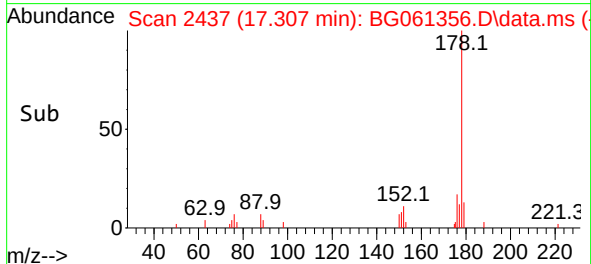
Instrument :
BNA_G
ClientSampleId :
BH670



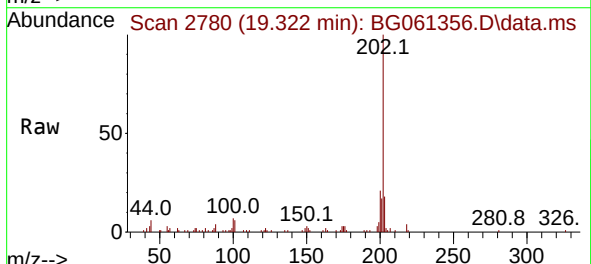
Tgt Ion:178 Resp: 9928
Ion Ratio Lower Upper
178 100
179 13.3 12.7 19.1
176 17.1 15.5 23.3

Manual Integrations
APPROVED

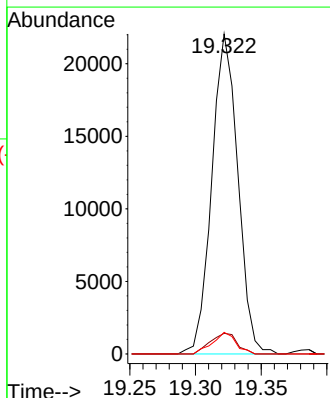
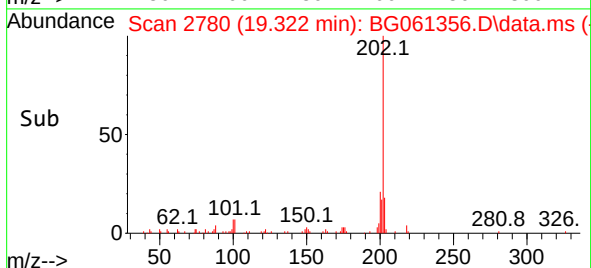
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

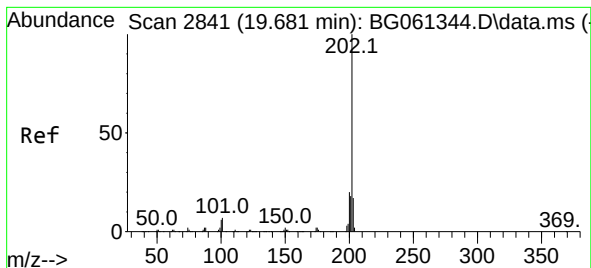


#80
Fluoranthene
Concen: 2.452 ng/u1
RT: 19.322 min Scan# 2780
Delta R.T. 0.007 min
Lab File: BG061356.D
Acq: 30 May 2024 10:26



Tgt Ion:202 Resp: 30476
Ion Ratio Lower Upper
202 100
101 6.5 4.8 7.2
100 6.8 4.1 6.1#





#82

Pyrene

Concen: 2.300 ng/ul

RT: 19.686 min Scan# 2842

Delta R.T. 0.007 min

Lab File: BG061356.D

Acq: 30 May 2024 10:26

Instrument :

BNA_G

ClientSampleId :

BH670

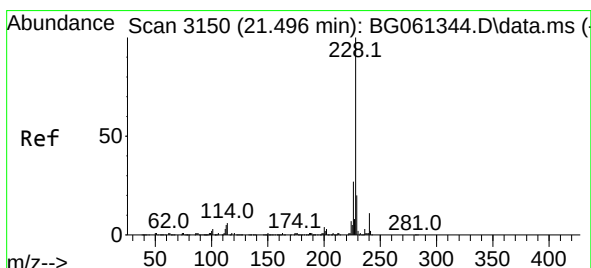
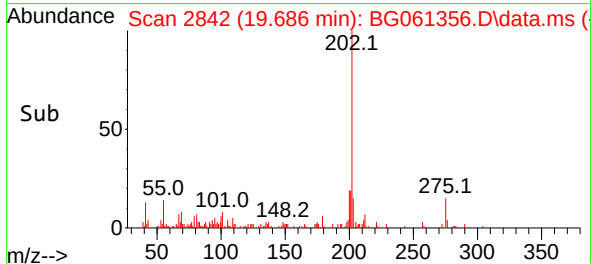
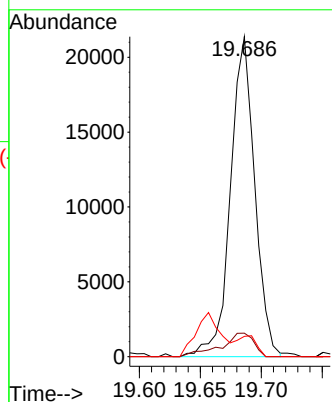
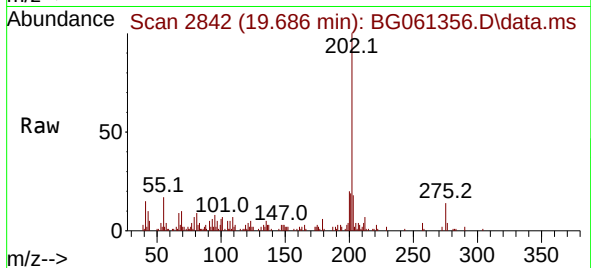
Tgt Ion:	202	Resp:	2966
Ion Ratio	Lower	Upper	
202	100		
101	7.4	5.7	8.5
100	6.3	5.1	7.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2024

Supervised By :mohammad ahmed 06/01/2024



#85

Benzo(a)anthracene

Concen: 1.224 ng/ul

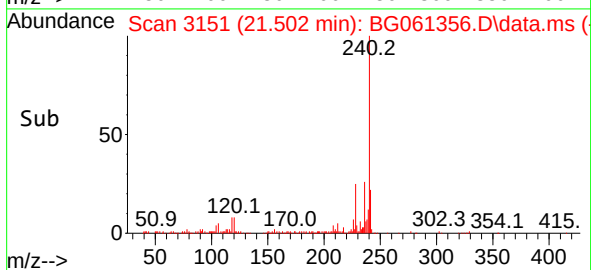
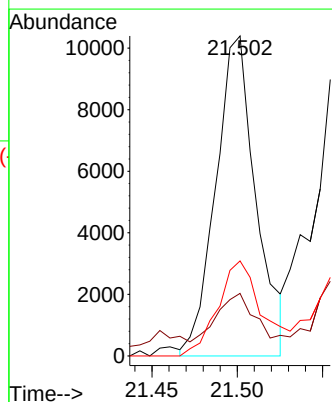
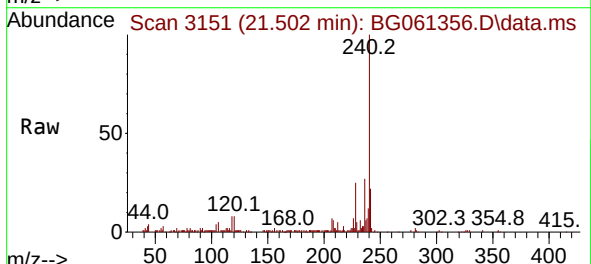
RT: 21.502 min Scan# 3151

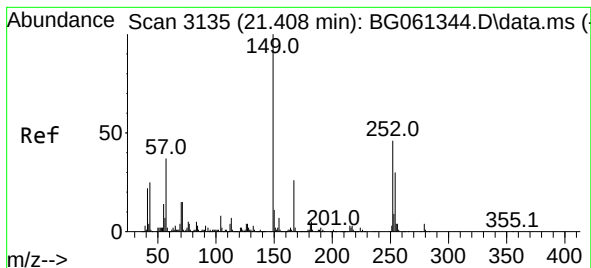
Delta R.T. 0.007 min

Lab File: BG061356.D

Acq: 30 May 2024 10:26

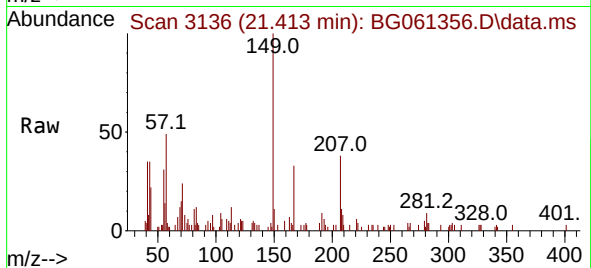
Tgt Ion:	228	Resp:	17039
Ion Ratio	Lower	Upper	
228	100		
229	19.6	15.2	22.8
226	29.7	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.506 ng/ul
RT: 21.413 min Scan# 3135
Delta R.T. 0.007 min
Lab File: BG061356.D
Acq: 30 May 2024 10:26

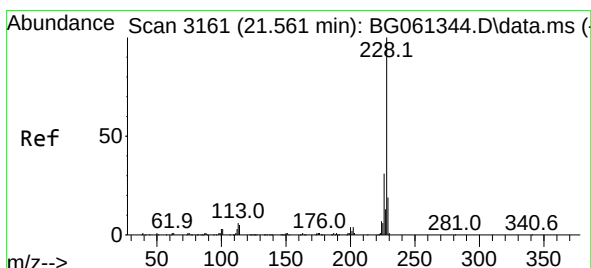
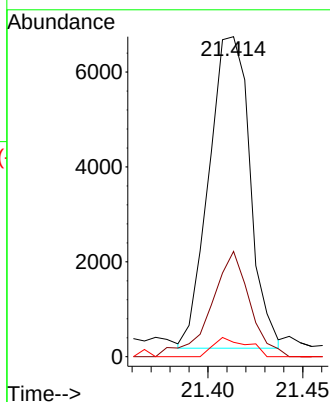
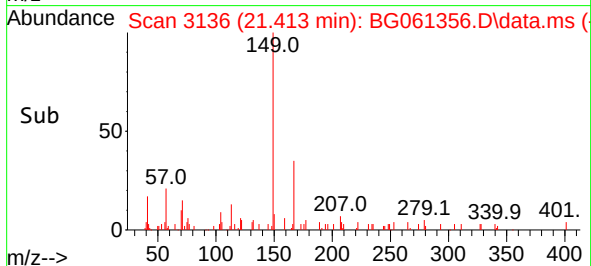
Instrument :
BNA_G
ClientSampleId :
BH670



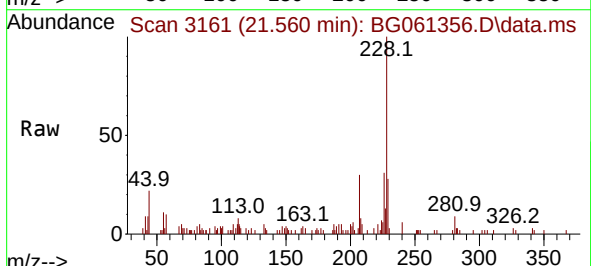
Tgt Ion:149 Resp: 988
Ion Ratio Lower Upper
149 100
167 32.9 21.1 31.7
279 4.5 3.3 4.9

Manual Integrations
APPROVED

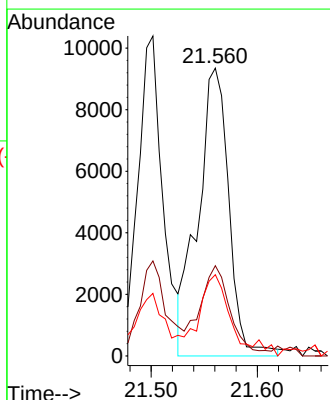
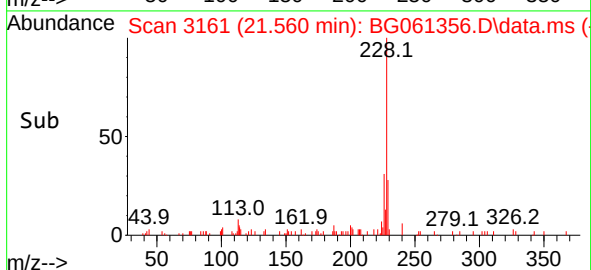
Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

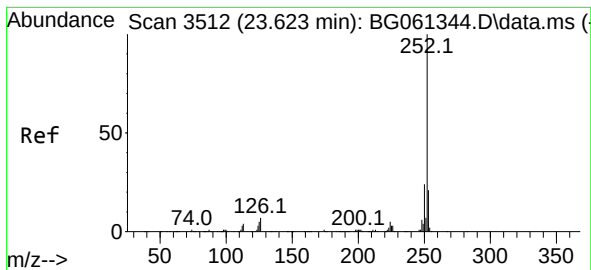


#87
Chrysene
Concen: 1.475 ng/ul m
RT: 21.560 min Scan# 3161
Delta R.T. 0.007 min
Lab File: BG061356.D
Acq: 30 May 2024 10:26



Tgt Ion:228 Resp: 18908
Ion Ratio Lower Upper
228 100
226 31.4 23.4 35.0
229 28.2 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 1.745 ng/ul

RT: 23.634 min Scan# 3514

Delta R.T. 0.019 min

Lab File: BG061356.D

Acq: 30 May 2024 10:26

Instrument :

BNA_G

ClientSampleId :

BH670

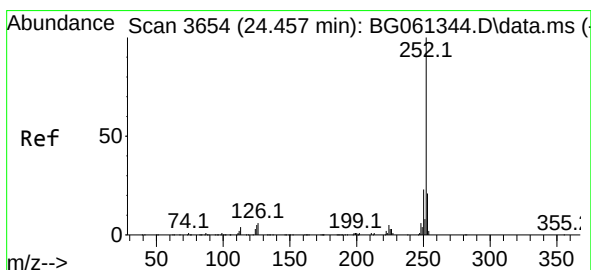
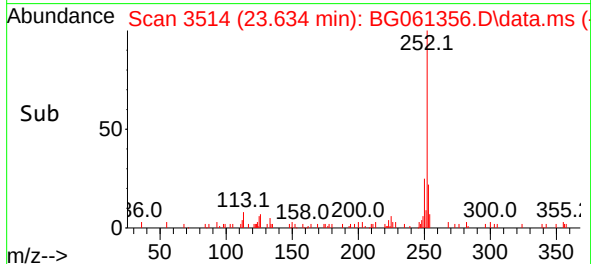
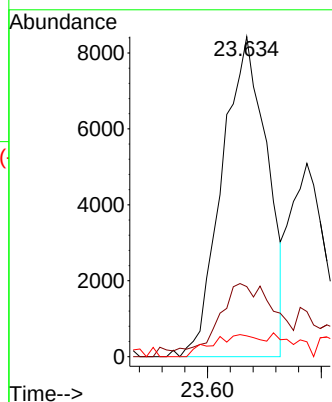
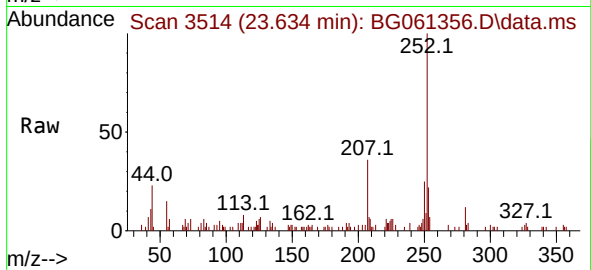
Tgt Ion:	252	Resp:	2326
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.8
125	6.5	4.6	6.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2024

Supervised By :mohammad ahmed 06/01/2024



#93

Benzo(a)pyrene

Concen: 1.358 ng/ul

RT: 24.457 min Scan# 3654

Delta R.T. 0.007 min

Lab File: BG061356.D

Acq: 30 May 2024 10:26

Tgt Ion:	252	Resp:	17194
Ion Ratio	Lower	Upper	
252	100		
253	23.6	16.4	24.6
125	8.1	4.3	6.5

