

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061511.D
 Acq On : 6 Jun 2024 15:38
 Operator : MA/JU
 Sample : P2635-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBZ1

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 01:16:26 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	7.877	152	32577	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	115409	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	81471	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	185231	20.000	ng/u1	0.00
79) Chrysene-d12	21.514	240	204340	20.000	ng/u1	0.00
88) Perylene-d12	24.610	264	230115	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	2372m	4.075	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.072	99	55687	20.816	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.207	67	35904	21.352	ng/u1	0.00
11) 2-Chlorophenol-d4	7.424	132	46372	23.421	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	37533	16.454	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	24603	27.688	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	27148	26.106	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	52472	25.882	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	47180	17.788	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	168733	26.704	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	185094	28.176	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	14172m	18.141	ng/u1	0.00
60) Fluorene-d10	15.503	176	145171	26.611	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.656	200	17853	15.936	ng/u1	0.00
73) Anthracene-d10	17.360	188	224695	27.515	ng/u1	0.00
81) Pyrene-d10	19.657	212	244951	23.347	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	204992	18.530	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.705	105	4592	1.180	ng/u1#	77
72) Phenanthrene	17.301	178	25229	2.806	ng/u1	97
80) Fluoranthene	19.322	202	74140	5.890	ng/u1	100
82) Pyrene	19.680	202	55500	4.248	ng/u1	98
85) Benzo(a)anthracene	21.496	228	41408	2.937	ng/u1	95
87) Chrysene	21.561	228	42771	3.294	ng/u1	97
90) Benzo(b)fluoranthene	23.629	252	56718	4.140	ng/u1	100
91) Benzo(k)fluoranthene	23.687	252	25836m	1.858	ng/u1	
93) Benzo(a)pyrene	24.463	252	25487	1.959	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.112	276	23111m	1.469	ng/u1	

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

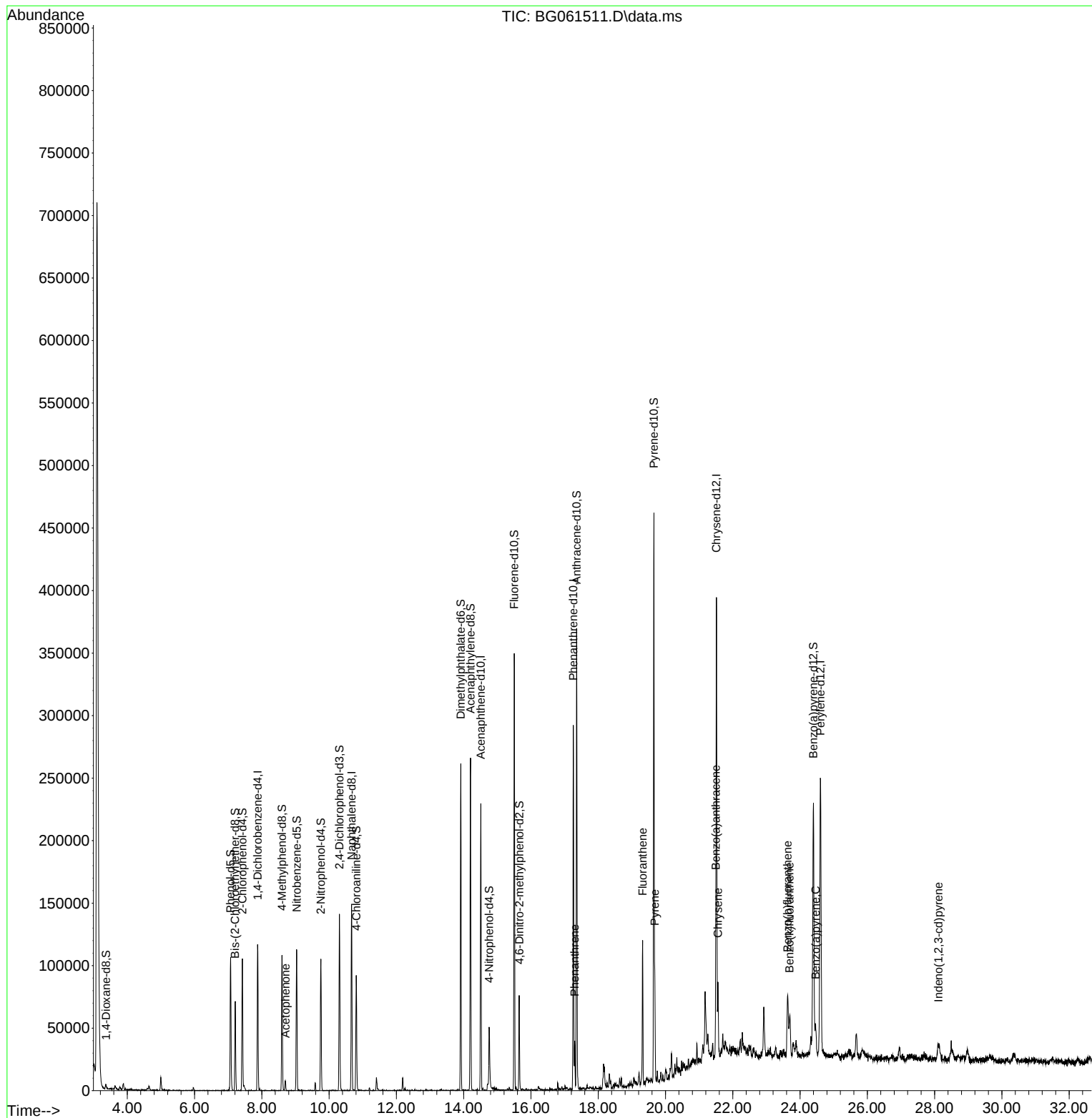
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061511.D
 Acq On : 6 Jun 2024 15:38
 Operator : MA/JU
 Sample : P2635-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

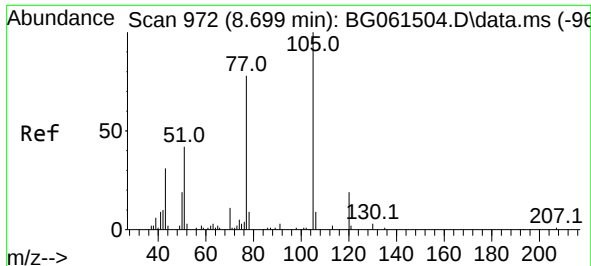
Instrument :
 BNA_G
 ClientSampleId :
 BHBZ1

Manual Integrations APPROVED

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

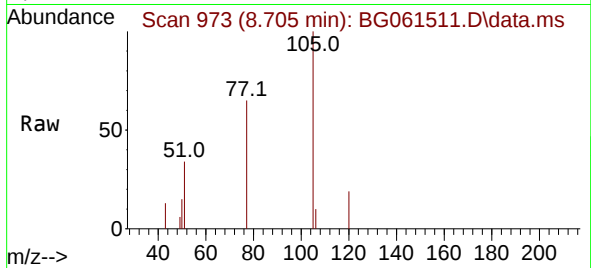
Quant Time: Jun 07 01:16:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration





#16
Acetophenone
Concen: 1.180 ng/ul
RT: 8.705 min Scan# 911
Delta R.T. 0.006 min
Lab File: BG061511.D
Acq: 6 Jun 2024 15:38

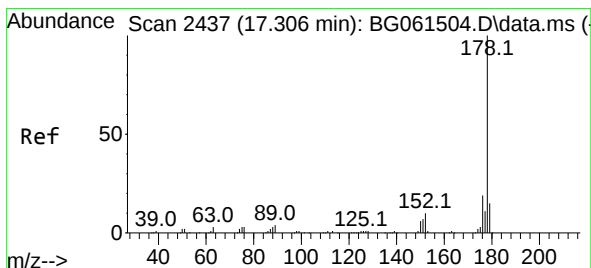
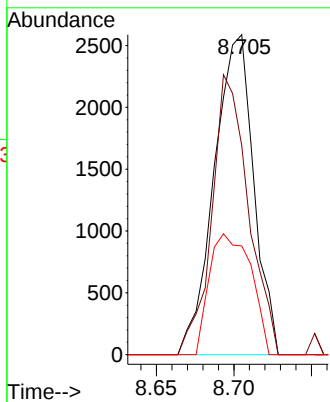
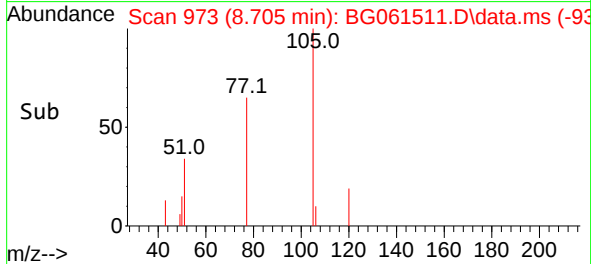
Instrument :
BNA_G
ClientSampleId :
BHBZ1



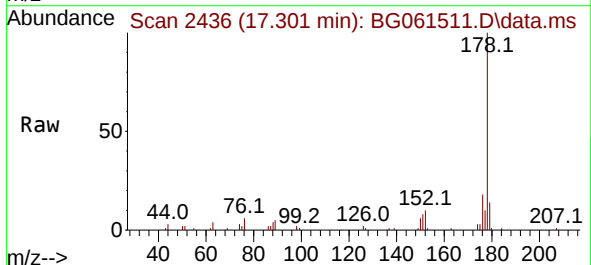
Tgt Ion:105 Resp: 4592
Ion Ratio Lower Upper
105 100
77 65.4 70.4 105.6
51 34.0 38.4 57.6

Manual Integrations
APPROVED

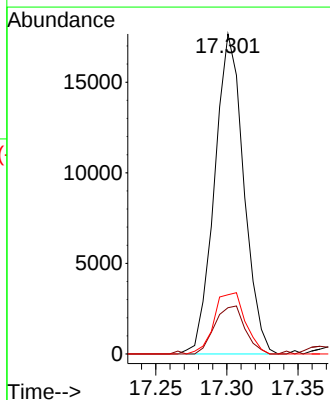
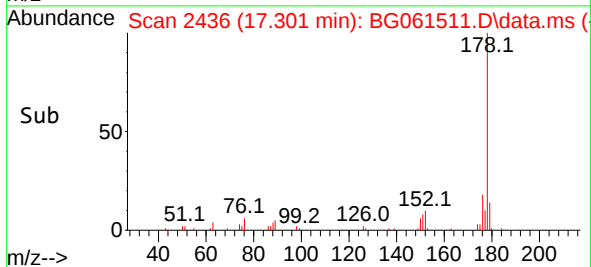
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

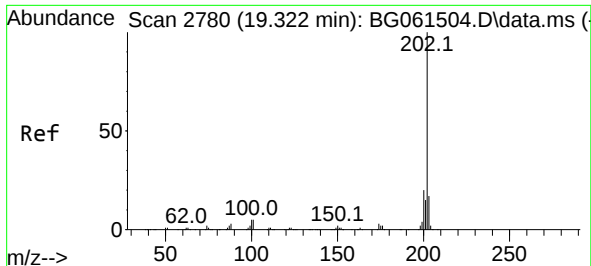


#72
Phenanthrene
Concen: 2.806 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BG061511.D
Acq: 6 Jun 2024 15:38



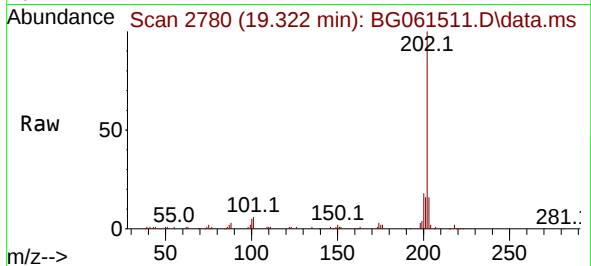
Tgt Ion:178 Resp: 25229
Ion Ratio Lower Upper
178 100
179 14.5 12.7 19.1
176 18.5 15.5 23.3





#80
Fluoranthene
Concen: 5.890 ng/u1
RT: 19.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG061511.D
Acq: 6 Jun 2024 15:38

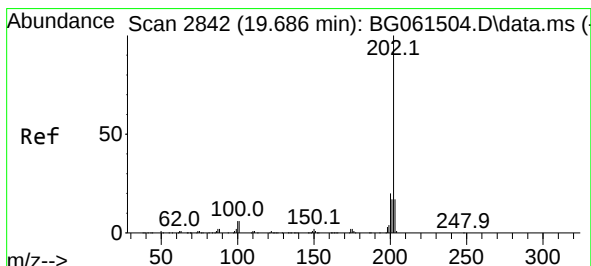
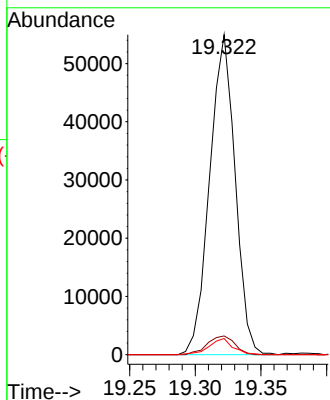
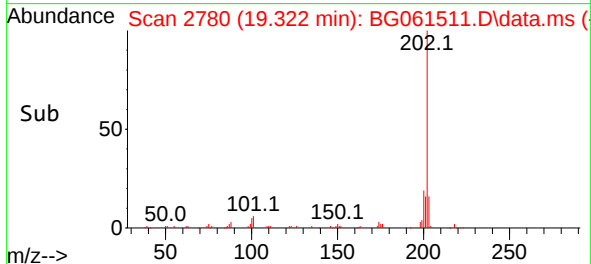
Instrument :
BNA_G
ClientSampleId :
BHBZ1



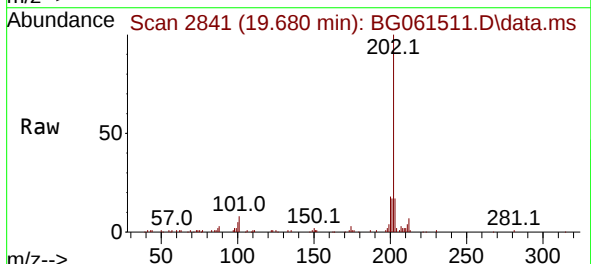
Tgt Ion:202 Resp: 74140
Ion Ratio Lower Upper
202 100
101 5.9 4.8 7.2
100 5.0 4.1 6.1

Manual Integrations
APPROVED

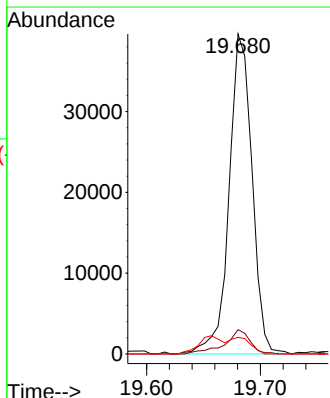
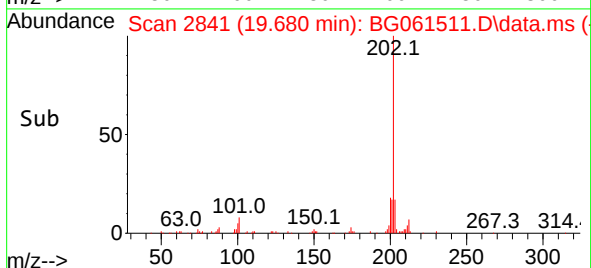
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

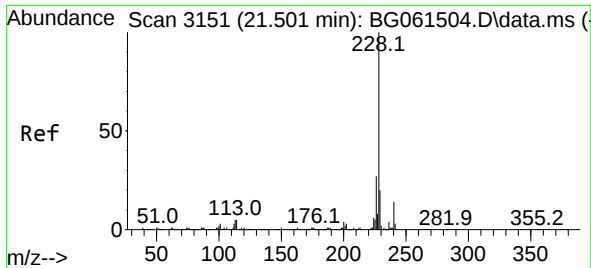


#82
Pyrene
Concen: 4.248 ng/u1
RT: 19.680 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BG061511.D
Acq: 6 Jun 2024 15:38



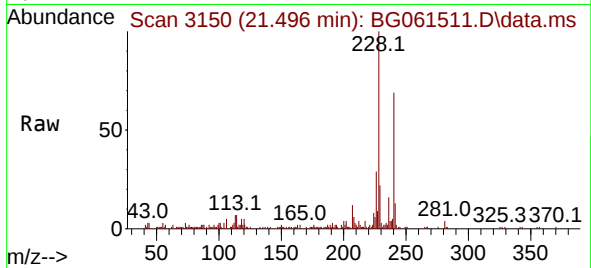
Tgt Ion:202 Resp: 55500
Ion Ratio Lower Upper
202 100
101 7.6 5.7 8.5
100 5.2 5.1 7.7





#85
Benzo(a)anthracene
Concen: 2.937 ng/ul
RT: 21.496 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BG061511.D
Acq: 6 Jun 2024 15:38

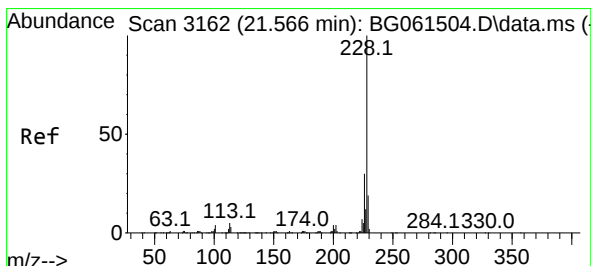
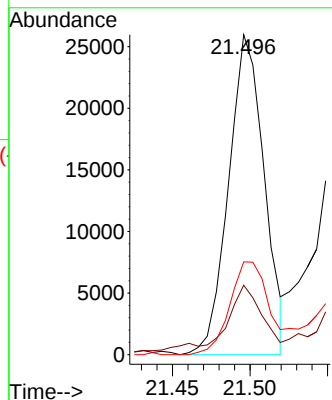
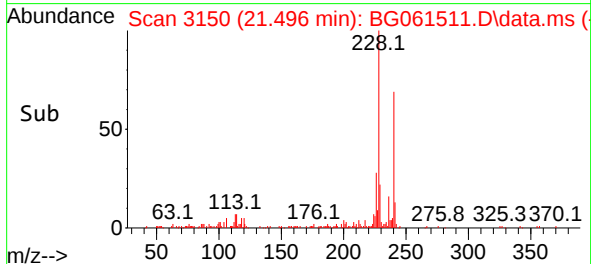
Instrument :
BNA_G
ClientSampleId :
BHBZ1



Tgt Ion:228 Resp: 41408
Ion Ratio Lower Upper
228 100
229 21.7 15.2 22.8
226 29.0 21.4 32.2

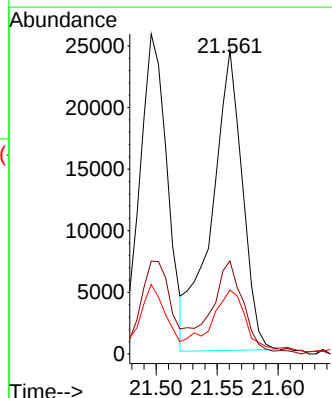
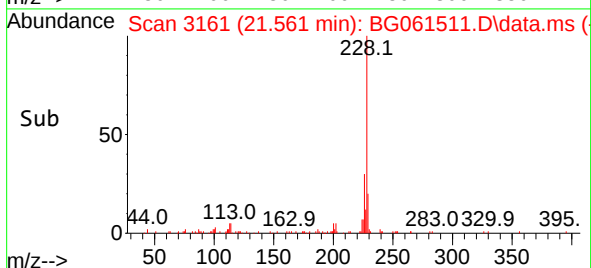
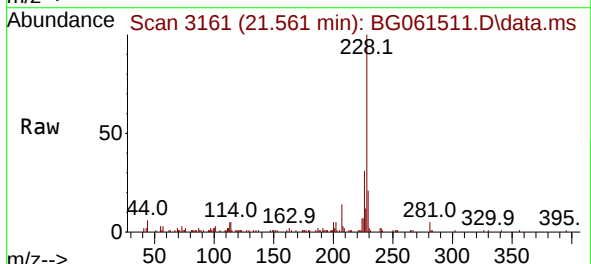
Manual Integrations
APPROVED

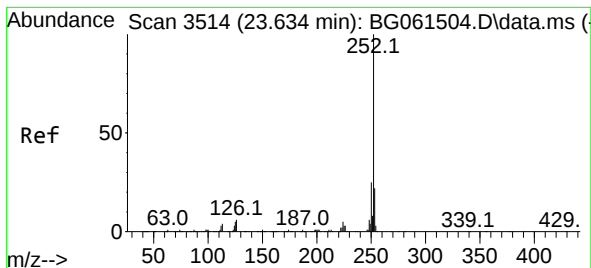
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#87
Chrysene
Concen: 3.294 ng/ul
RT: 21.561 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BG061511.D
Acq: 6 Jun 2024 15:38

Tgt Ion:228 Resp: 42771
Ion Ratio Lower Upper
228 100
226 30.7 23.4 35.0
229 21.1 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 4.140 ng/ul

RT: 23.629 min Scan# 3513

Delta R.T. -0.006 min

Lab File: BG061511.D

Acq: 6 Jun 2024 15:38

Instrument :

BNA_G

ClientSampleId :

BHBZ1

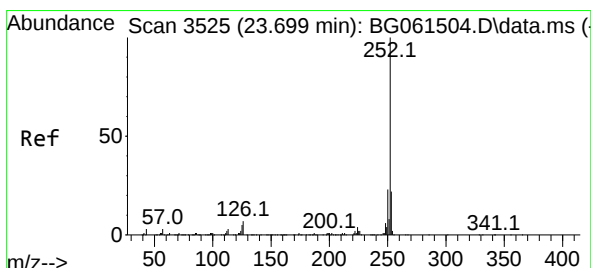
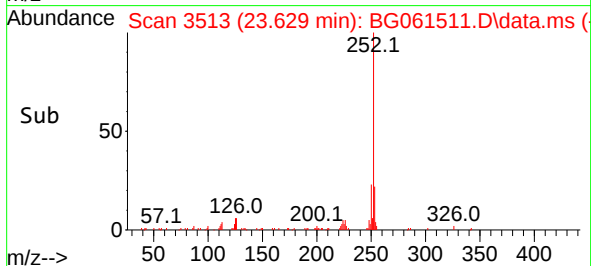
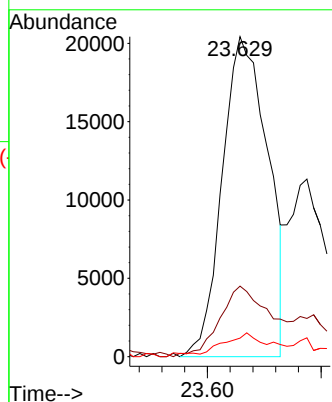
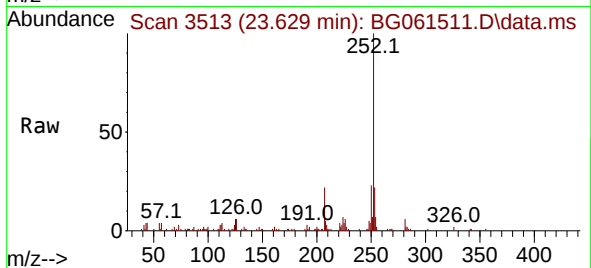
Tgt Ion:252 Resp: 56718

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	5.8	4.6	6.8

Manual Integrations

APPROVED

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



#91

Benzo(k)fluoranthene

Concen: 1.858 ng/ul m

RT: 23.687 min Scan# 3523

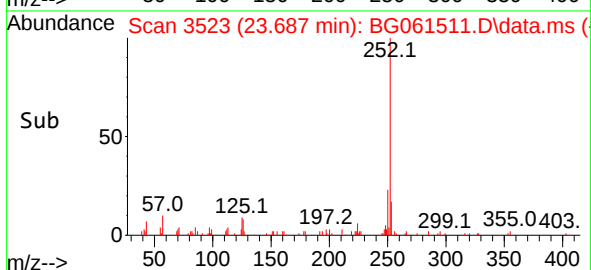
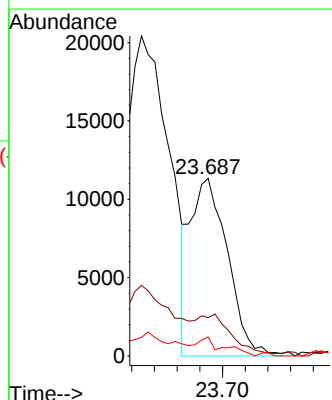
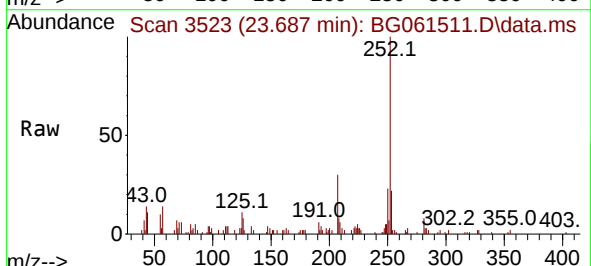
Delta R.T. -0.011 min

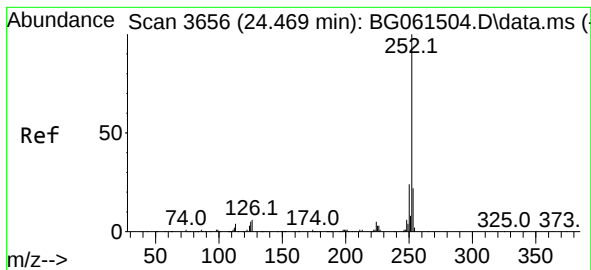
Lab File: BG061511.D

Acq: 6 Jun 2024 15:38

Tgt Ion:252 Resp: 25836

Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.0	24.0
125	10.6	4.3	6.5





#93

Benzo(a)pyrene

Concen: 1.959 ng/ul

RT: 24.463 min Scan# 30

Delta R.T. -0.006 min

Lab File: BG061511.D

Acq: 6 Jun 2024 15:38

Instrument :

BNA_G

ClientSampleId :

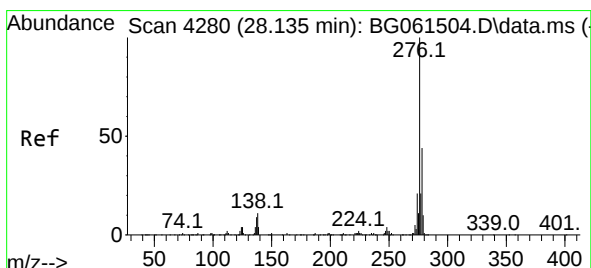
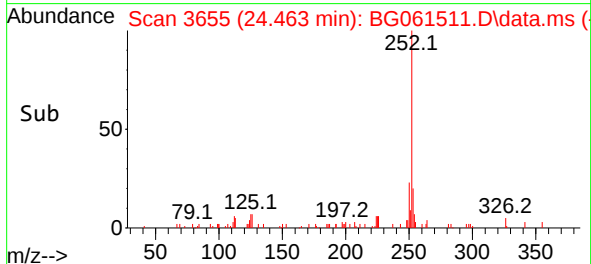
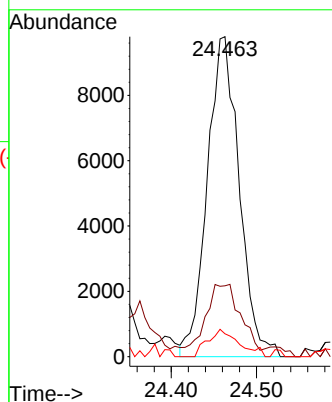
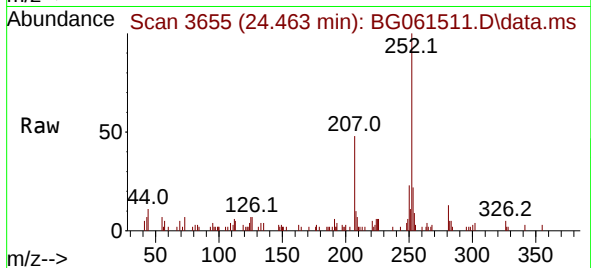
BHBZ1

Tgt Ion:	252	Resp:	2548
Ion Ratio	Lower	Upper	
252	100		
253	22.2	16.4	24.6
125	7.1	4.3	6.5

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.469 ng/ul m

RT: 28.112 min Scan# 4276

Delta R.T. -0.023 min

Lab File: BG061511.D

Acq: 6 Jun 2024 15:38

Tgt Ion:	276	Resp:	23111
Ion Ratio	Lower	Upper	
276	100		
138	16.1	8.6	13.0
277	23.6	19.7	29.5

