

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061431.D
 Acq On : 3 Jun 2024 20:15
 Operator : MA/JU
 Sample : P2589-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5W7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 23:05:57 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	7.877	152	33830	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	122245	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	108840	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	262567	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.514	240	276666	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	320353	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	952	1.575	ng/uL	0.00
4) Pyridine-d5	3.746	84	16878	7.848	ng/ul	0.00
7) Phenol-d5	7.066	99	27788	10.002	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	16462	9.427	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	20630	10.034	ng/ul	0.00
15) 4-Methylphenol-d8	8.600	113	27077	11.430	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	12021	12.772	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	15383	13.965	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	27702	12.900	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	30946	11.015	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	115246	13.652	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	117998	13.446	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	16333m	15.650	ng/ul	0.02
60) Fluorene-d10	15.503	176	110591	15.174	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	20423m	12.860	ng/ul	0.01
73) Anthracene-d10	17.360	188	227384	19.643	ng/ul	0.00
81) Pyrene-d10	19.651	212	320171	22.538	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.393	264	357153	23.190	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.301	178	73119	5.738	ng/ul	98
80) Fluoranthene	19.316	202	205703	12.071	ng/ul	100
82) Pyrene	19.681	202	188169	10.638	ng/ul	99
85) Benzo(a)anthracene	21.496	228	121334	6.356	ng/ul	98
87) Chrysene	21.561	228	123914	7.049	ng/ul	98
90) Benzo(b)fluoranthene	23.629	252	158998	8.336	ng/ul	96
91) Benzo(k)fluoranthene	23.682	252	55823	2.883	ng/ul	96
93) Benzo(a)pyrene	24.463	252	115681	6.387	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.106	276	80459m	3.673	ng/ul	
95) Dibenzo(a,h)anthracene	28.141	278	21886m	1.212	ng/ul	
96) Benzo(g,h,i)perylene	29.193	276	77453m	4.445	ng/ul	

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

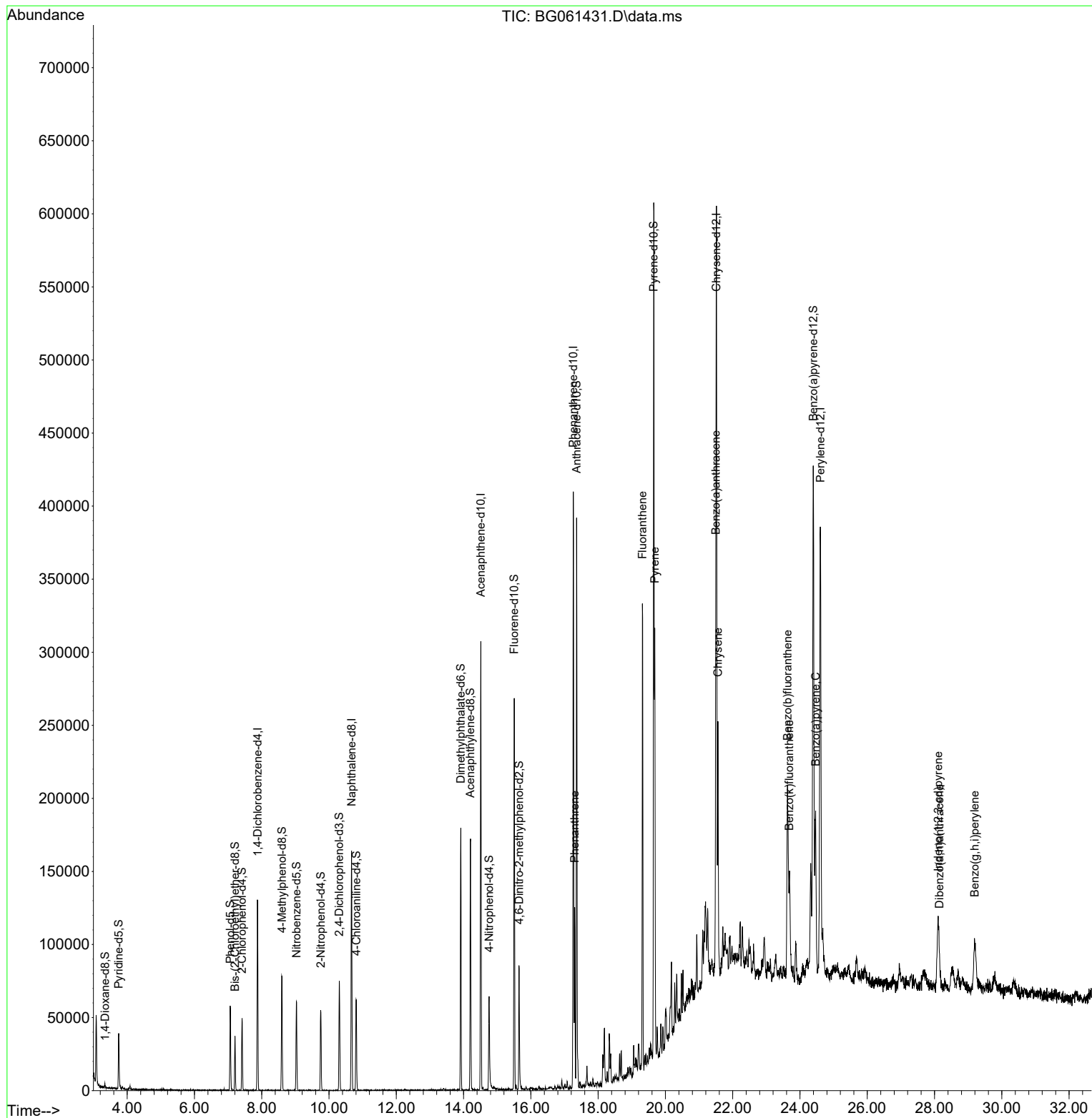
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061431.D
 Acq On : 3 Jun 2024 20:15
 Operator : MA/JU
 Sample : P2589-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

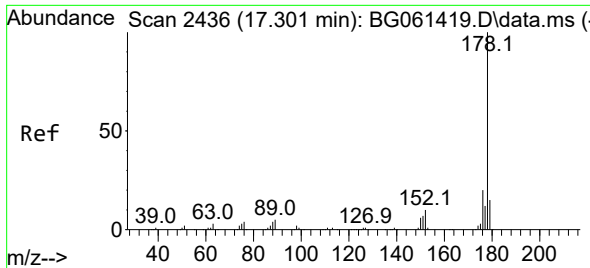
Instrument :
 BNA_G
 ClientSampleId :
 BH5W7

Quant Time: Jun 03 23:05:57 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

Manual Integrations APPROVED

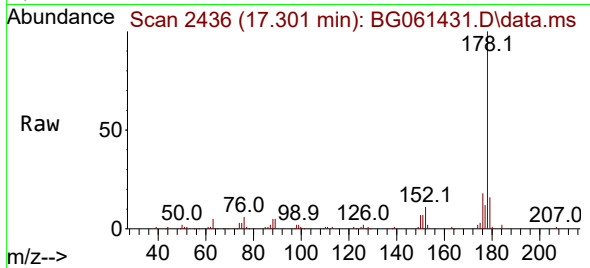
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024





#72
Phenanthrene
Concen: 5.738 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. 0.002 min
Lab File: BG061431.D
Acq: 3 Jun 2024 20:15

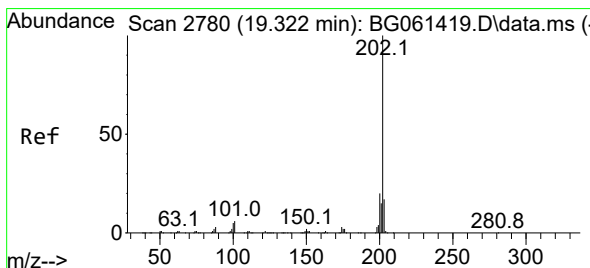
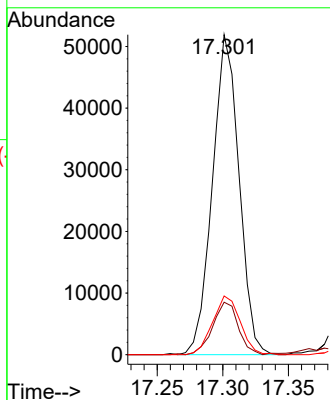
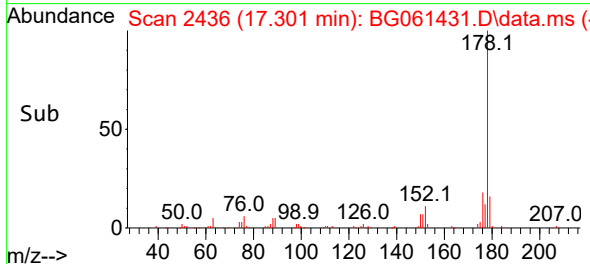
Instrument :
BNA_G
ClientSampleId :
BH5W7



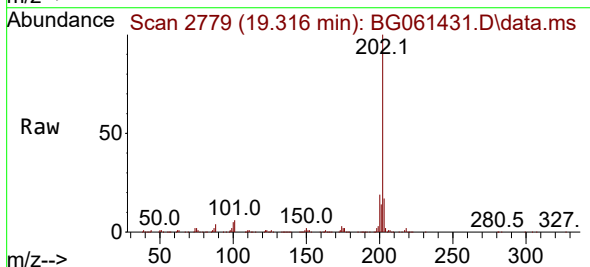
Tgt Ion:178 Resp: 73119
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 18.4 15.5 23.3

Manual Integrations
APPROVED

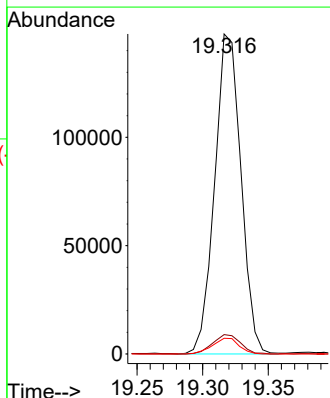
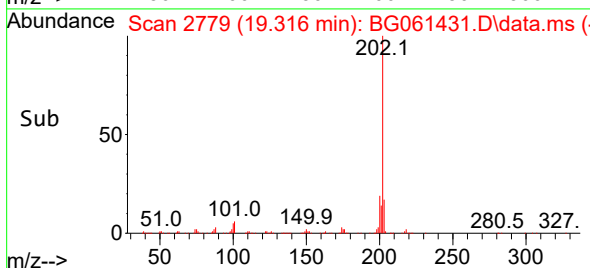
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

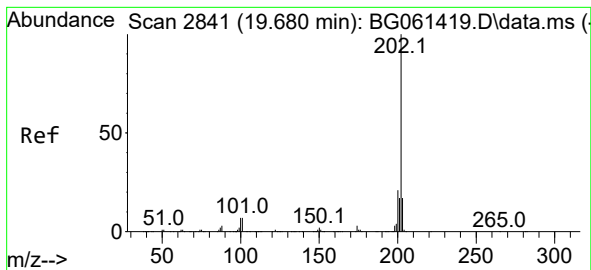


#80
Fluoranthene
Concen: 12.071 ng/ul
RT: 19.316 min Scan# 2779
Delta R.T. 0.002 min
Lab File: BG061431.D
Acq: 3 Jun 2024 20:15



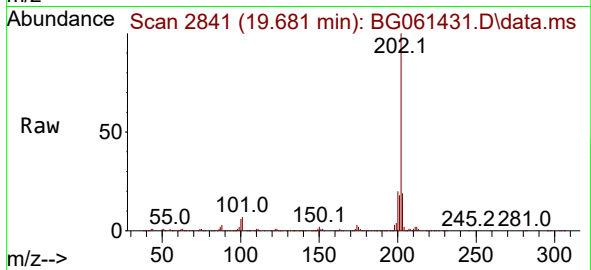
Tgt Ion:202 Resp: 205703
Ion Ratio Lower Upper
202 100
101 6.1 4.8 7.2
100 4.9 4.1 6.1





#82
Pyrene
Concen: 10.638 ng/ul
RT: 19.681 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG061431.D
Acq: 3 Jun 2024 20:15

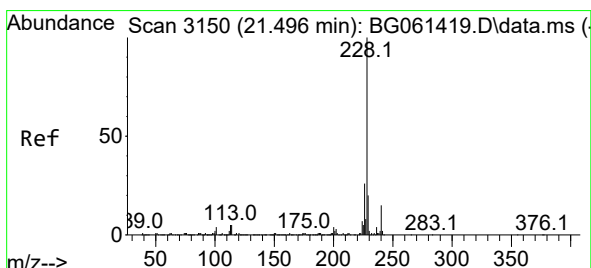
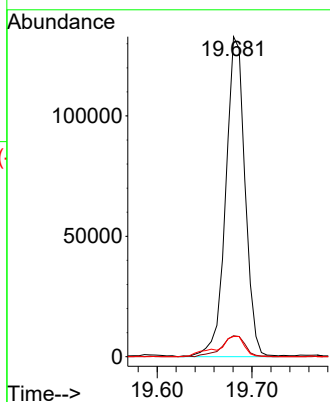
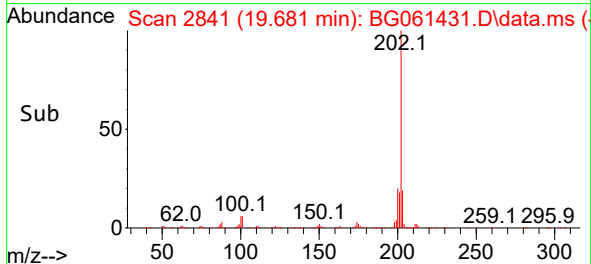
Instrument :
BNA_G
ClientSampleId :
BH5W7



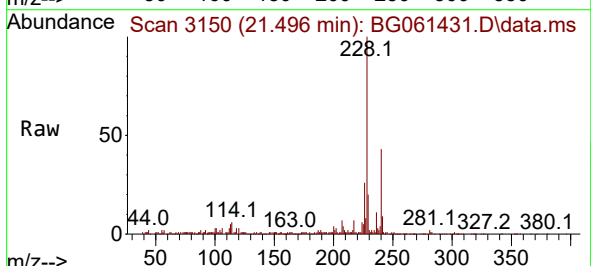
Tgt Ion:202 Resp: 188169
Ion Ratio Lower Upper
202 100
101 6.6 5.7 8.5
100 6.3 5.1 7.7

Manual Integrations
APPROVED

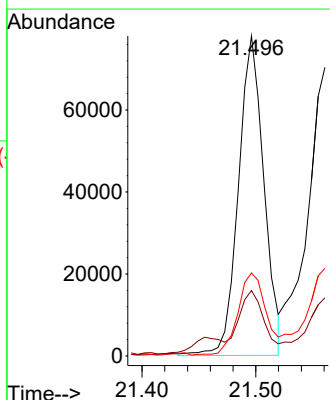
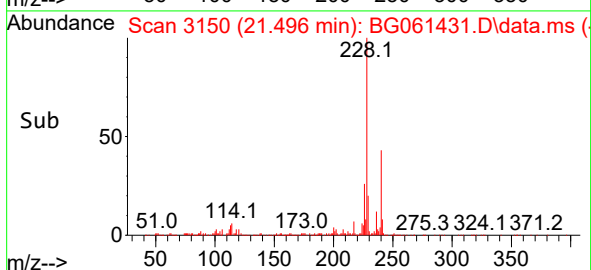
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

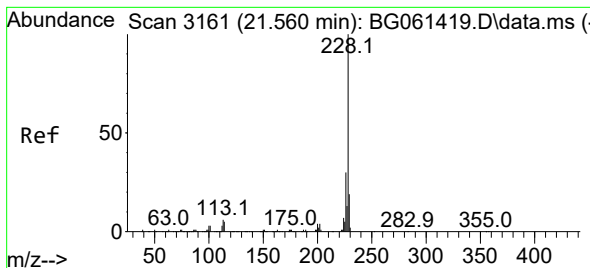


#85
Benzo(a)anthracene
Concen: 6.356 ng/ul
RT: 21.496 min Scan# 3150
Delta R.T. 0.002 min
Lab File: BG061431.D
Acq: 3 Jun 2024 20:15



Tgt Ion:228 Resp: 121334
Ion Ratio Lower Upper
228 100
229 20.5 15.2 22.8
226 26.0 21.4 32.2





#87

Chrysene

Concen: 7.049 ng/ul

RT: 21.561 min Scan# 3161

Delta R.T. 0.008 min

Lab File: BG061431.D

Acq: 3 Jun 2024 20:15

Instrument :

BNA_G

ClientSampleId :

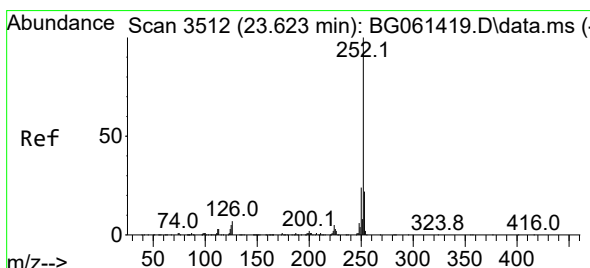
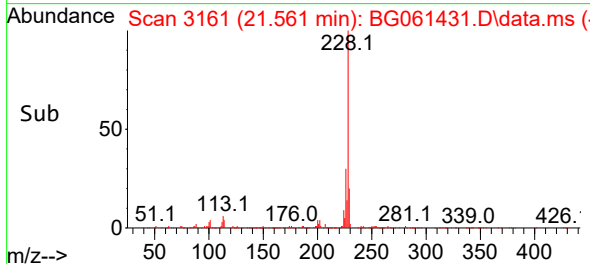
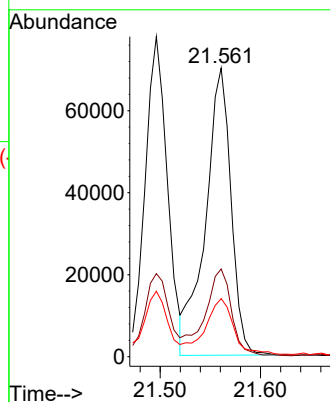
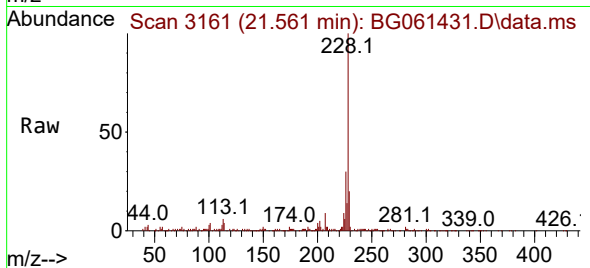
BH5W7

Tgt Ion:	228	Resp:	123914
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.4	35.0
229	20.1	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#90

Benzo(b)fluoranthene

Concen: 8.336 ng/ul

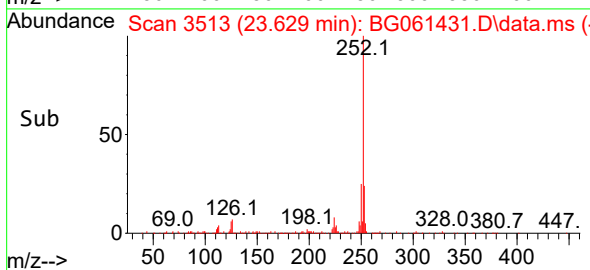
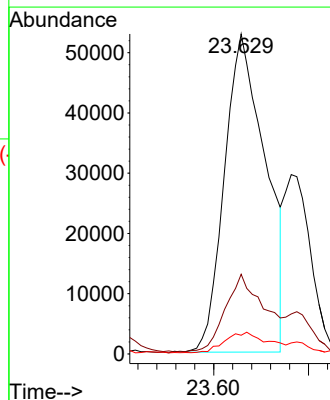
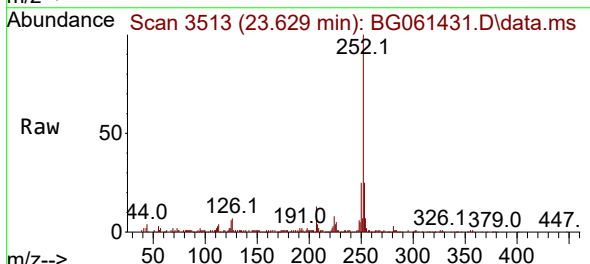
RT: 23.629 min Scan# 3513

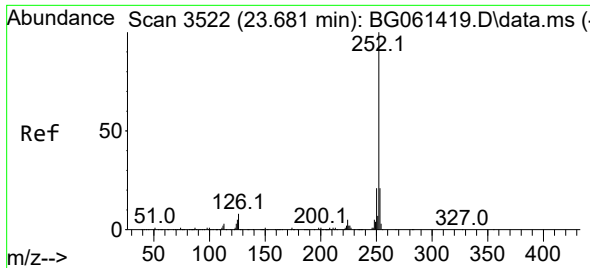
Delta R.T. 0.013 min

Lab File: BG061431.D

Acq: 3 Jun 2024 20:15

Tgt Ion:	252	Resp:	158998
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.8	26.8
125	5.8	4.6	6.8





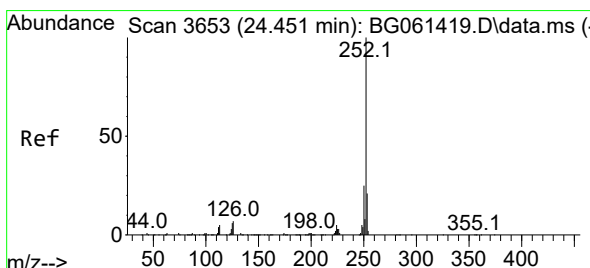
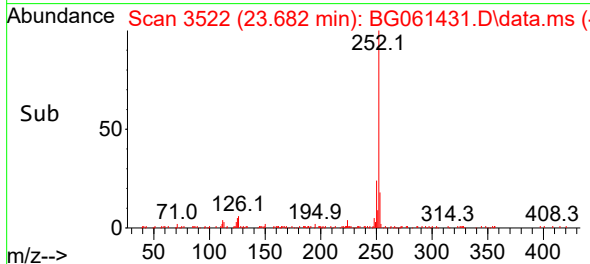
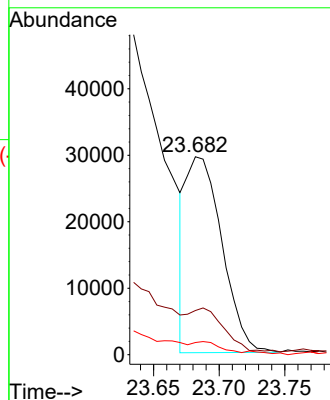
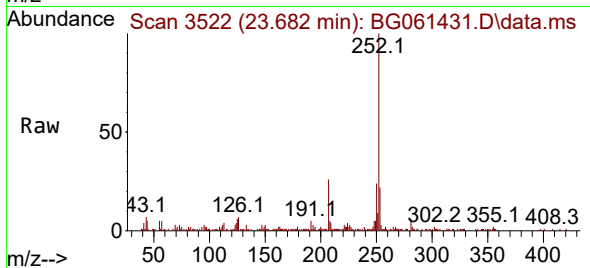
#91
Benzo(k)fluoranthene
Concen: 2.883 ng/ul
RT: 23.682 min Scan# 3522
Delta R.T. 0.002 min
Lab File: BG061431.D
Acq: 3 Jun 2024 20:15

Instrument :
BNA_G
ClientSampleId :
BH5W7

Tgt Ion:252 Resp: 5582
Ion Ratio Lower Upper
252 100
253 22.3 16.0 24.0
125 6.1 4.3 6.5

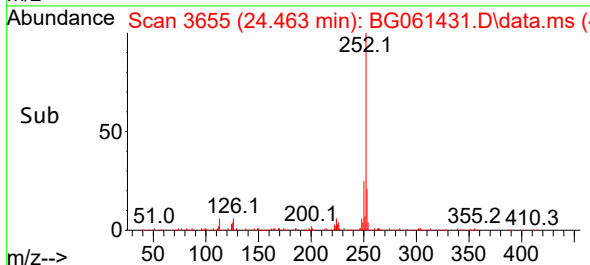
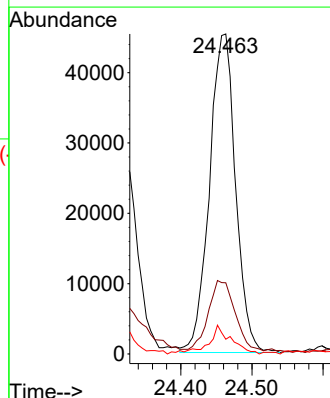
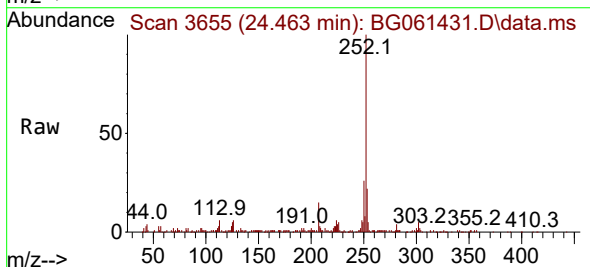
Manual Integrations
APPROVED

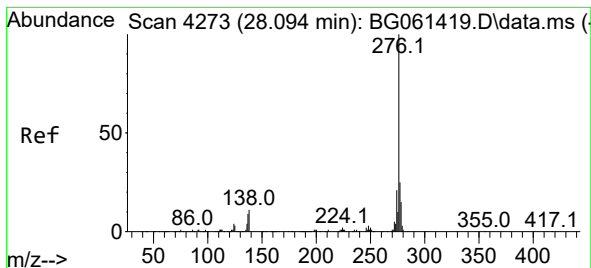
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#93
Benzo(a)pyrene
Concen: 6.387 ng/ul
RT: 24.463 min Scan# 3655
Delta R.T. 0.013 min
Lab File: BG061431.D
Acq: 3 Jun 2024 20:15

Tgt Ion:252 Resp: 115681
Ion Ratio Lower Upper
252 100
253 22.2 16.4 24.6
125 4.6 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.673 ng/ul m

RT: 28.106 min Scan# 4275

Delta R.T. 0.013 min

Lab File: BG061431.D

Acq: 3 Jun 2024 20:15

Instrument :

BNA_G

ClientSampleId :

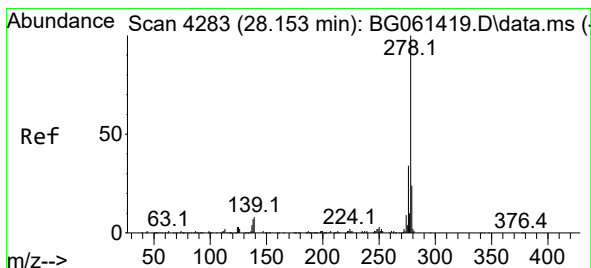
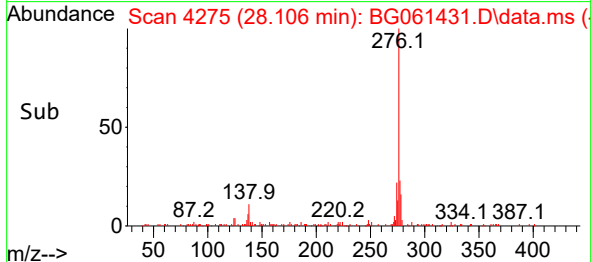
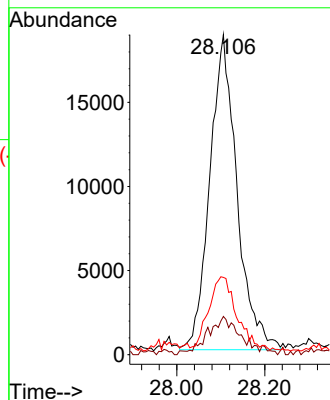
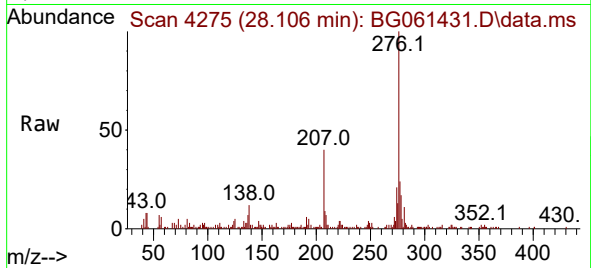
BH5W7

Tgt Ion:	276	Resp:	8045
Ion Ratio	Lower	Upper	
276	100		
138	11.9	8.6	13.0
277	24.2	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.212 ng/ul m

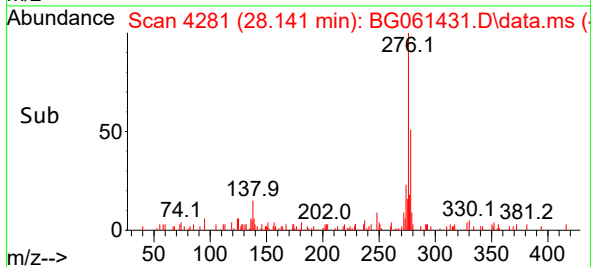
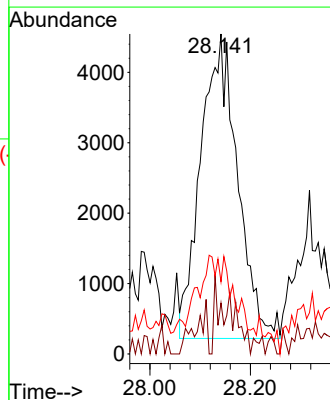
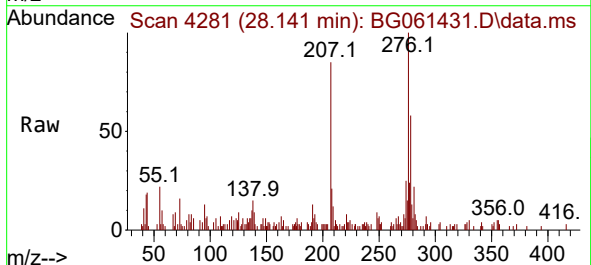
RT: 28.141 min Scan# 4281

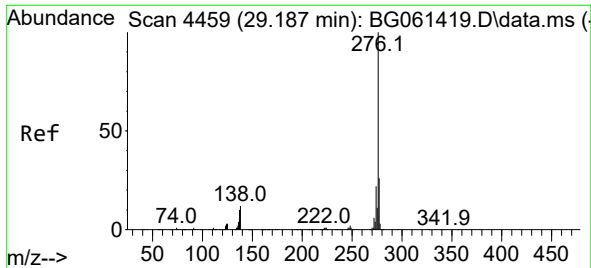
Delta R.T. 0.002 min

Lab File: BG061431.D

Acq: 3 Jun 2024 20:15

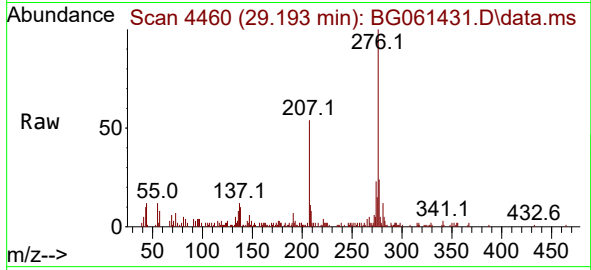
Tgt Ion:	278	Resp:	21886
Ion Ratio	Lower	Upper	
278	100		
139	16.0	6.4	9.6
279	22.5	19.9	29.9





#96
Benzo(g,h,i)perylene
Concen: 4.445 ng/ul m
RT: 29.193 min Scan# 44
Delta R.T. 0.019 min
Lab File: BG061431.D
Acq: 3 Jun 2024 20:15

Instrument :
BNA_G
ClientSampleId :
BH5W7



Tgt Ion:276 Resp: 7745
Ion Ratio Lower Upper
276 100
138 9.5 8.7 13.1
277 23.9 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

