

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061484.D
 Acq On : 5 Jun 2024 11:21
 Operator : MA/JU
 Sample : P2590-22DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBM6DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 23:37:20 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	7.876	152	32905	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	128851	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	95683	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	220641	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	250102	20.000	ng/u1	0.00
88) Perylene-d12	24.616	264	286248	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	410	0.697	ng/uL	0.00
4) Pyridine-d5	3.746	84	2327m	1.112	ng/u1	0.00
7) Phenol-d5	7.066	99	11105	4.110	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	7155	4.213	ng/u1	0.00
11) 2-Chlorophenol-d4	7.412	132	9275	4.638	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	9195	3.991	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	4581	4.618	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	5472	4.713	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	11643	5.144	ng/u1	0.01
31) 4-Chloroaniline-d4	10.814	131	5728	1.934	ng/u1	0.01
46) Dimethylphthalate-d6	13.916	166	36836	4.964	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	40848	5.295	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.509	176	31456	4.910	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.359	188	53047	5.453	ng/u1	0.00
81) Pyrene-d10	19.657	212	66428	5.173	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	74355	5.403	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.307	178	109277	10.204	ng/u1	99
74) Anthracene	17.395	178	13752	1.242	ng/u1	94
80) Fluoranthene	19.322	202	347932	22.585	ng/u1	100
82) Pyrene	19.686	202	328321	20.532	ng/u1	100
85) Benzo(a)anthracene	21.502	228	218536	12.664	ng/u1	96
87) Chrysene	21.566	228	227670m	14.328	ng/u1	
90) Benzo(b)fluoranthene	23.634	252	301233	17.675	ng/u1	99
91) Benzo(k)fluoranthene	23.693	252	116915m	6.757	ng/u1	
93) Benzo(a)pyrene	24.469	252	218271	13.487	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.123	276	158024m	8.074	ng/u1	
95) Dibenzo(a,h)anthracene	28.164	278	40322m	2.499	ng/u1	
96) Benzo(g,h,i)perylene	29.222	276	116633m	7.491	ng/u1	

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

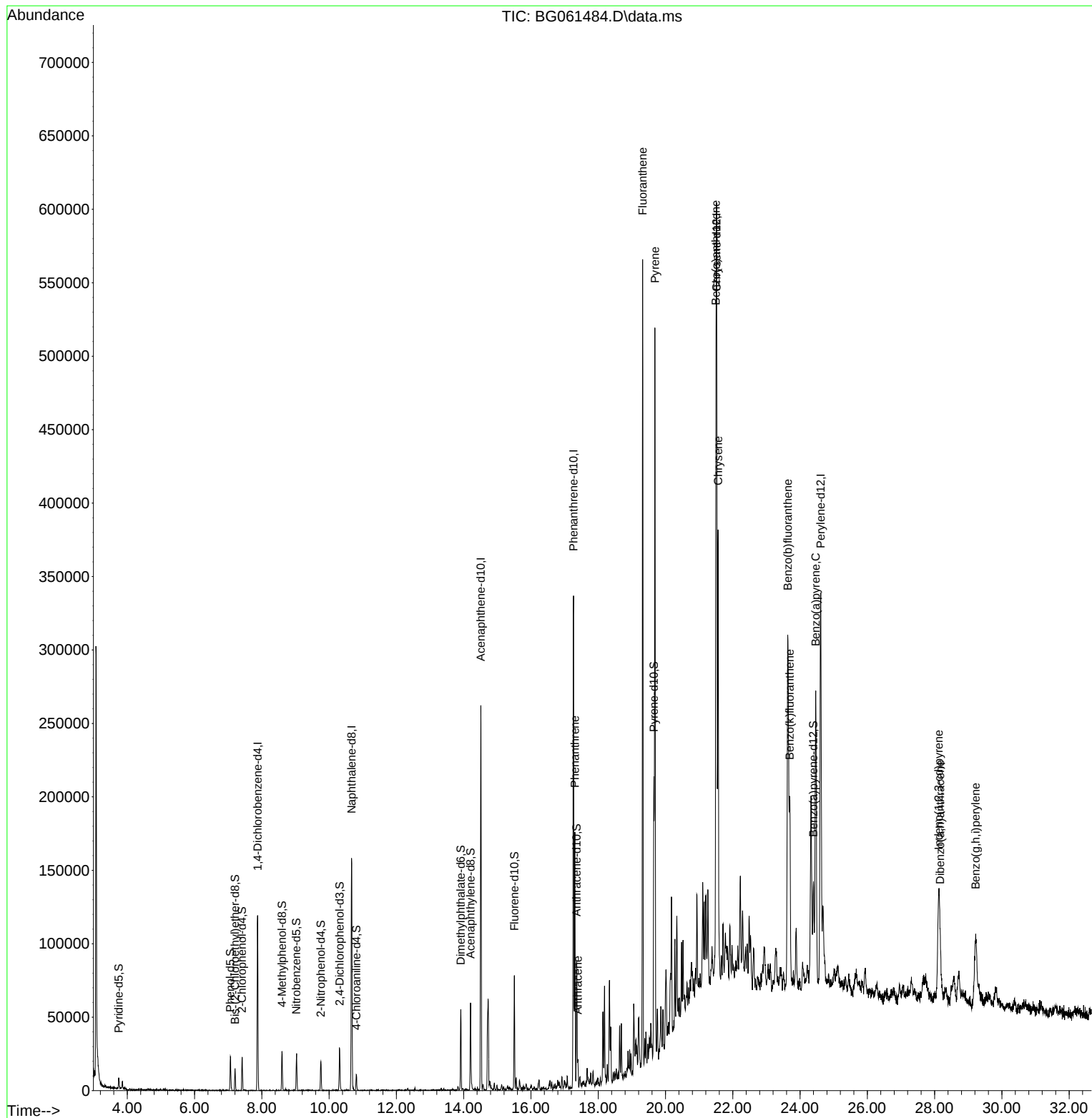
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061484.D
Acq On : 5 Jun 2024 11:21
Operator : MA/JU
Sample : P2590-22DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

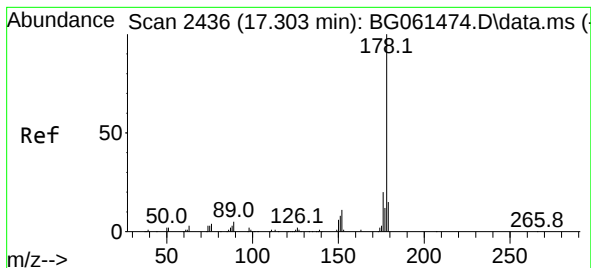
Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 10.204 ng/u1

RT: 17.307 min Scan# 2436

Delta R.T. 0.007 min

Lab File: BG061484.D

Acq: 5 Jun 2024 11:21

Instrument :

BNA_G

ClientSampleId :

BHBM6DL

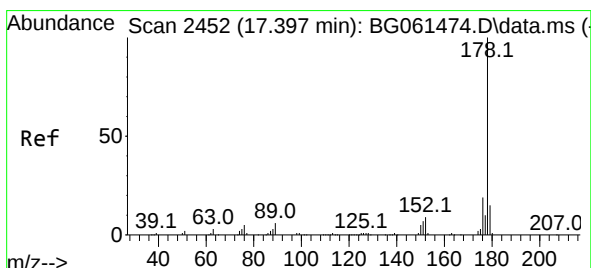
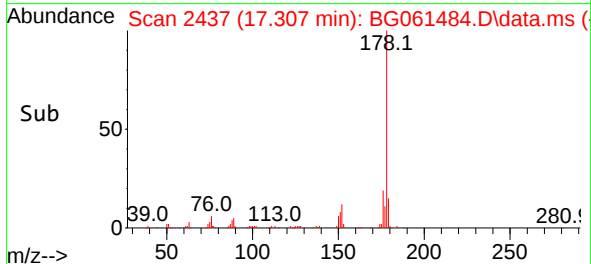
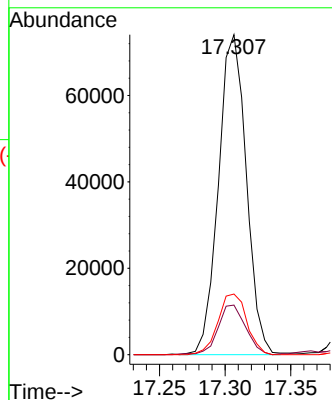
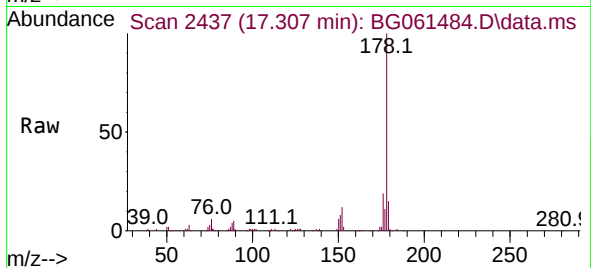
Tgt Ion:178 Resp: 10927

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.7	19.1
176	19.0	15.5	23.3

Manual Integrations

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#74

Anthracene

Concen: 1.242 ng/u1

RT: 17.395 min Scan# 2452

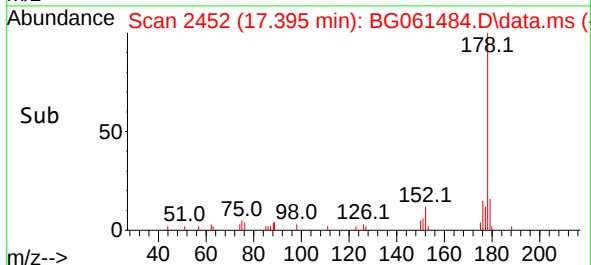
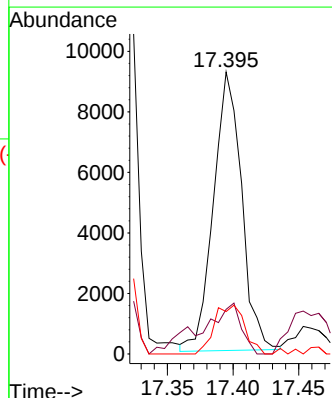
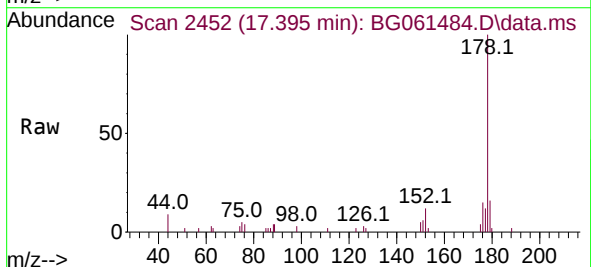
Delta R.T. 0.001 min

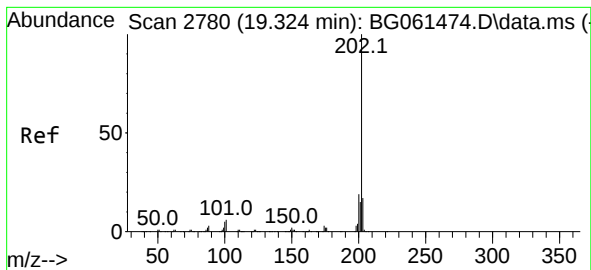
Lab File: BG061484.D

Acq: 5 Jun 2024 11:21

Tgt Ion:178 Resp: 13752

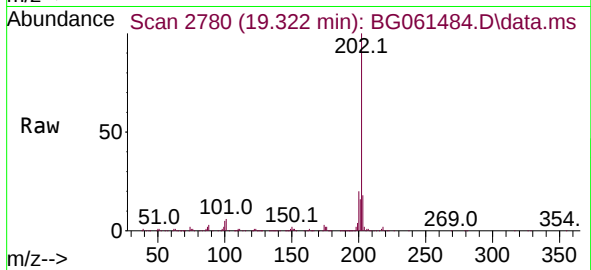
Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.6
176	15.0	14.9	22.3





#80
Fluoranthene
Concen: 22.585 ng/u1
RT: 19.322 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG061484.D
Acq: 5 Jun 2024 11:21

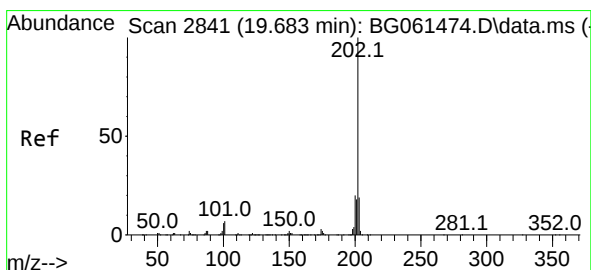
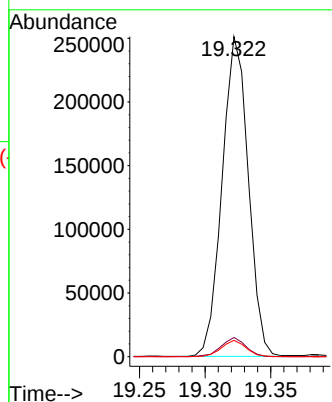
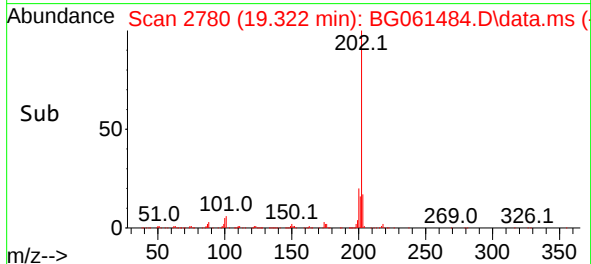
Instrument :
BNA_G
ClientSampleId :
BHBM6DL



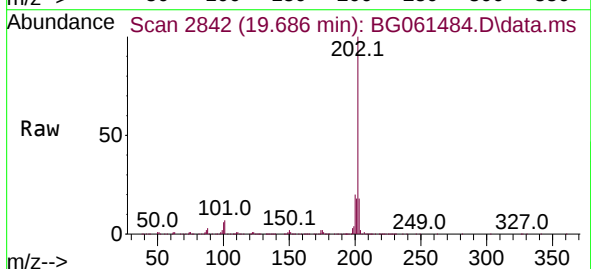
Tgt Ion:202 Resp: 347932
Ion Ratio Lower Upper
202 100
101 6.0 4.8 7.2
100 5.1 4.1 6.1

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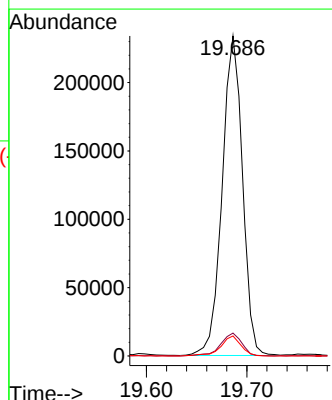
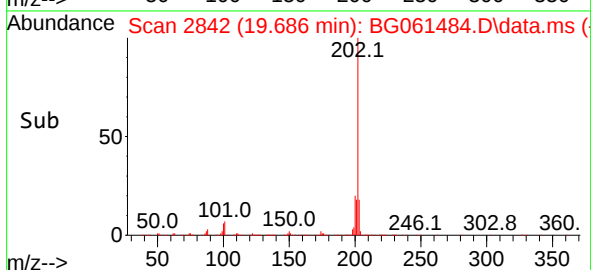
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

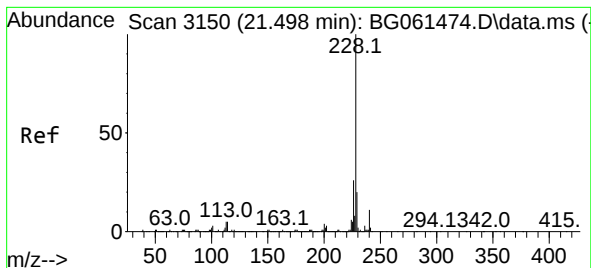


#82
Pyrene
Concen: 20.532 ng/u1
RT: 19.686 min Scan# 2842
Delta R.T. 0.007 min
Lab File: BG061484.D
Acq: 5 Jun 2024 11:21



Tgt Ion:202 Resp: 328321
Ion Ratio Lower Upper
202 100
101 7.1 5.7 8.5
100 6.2 5.1 7.7





#85

Benzo(a)anthracene

Concen: 12.664 ng/ul

RT: 21.502 min Scan# 3151

Delta R.T. 0.007 min

Lab File: BG061484.D

Acq: 5 Jun 2024 11:21

Instrument :

BNA_G

ClientSampleId :

BHBM6DL

Tgt Ion:228 Resp: 218530

Ion Ratio Lower Upper

228 100

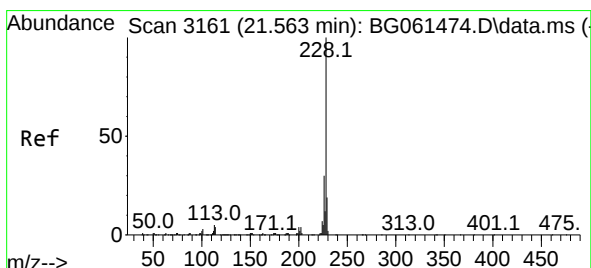
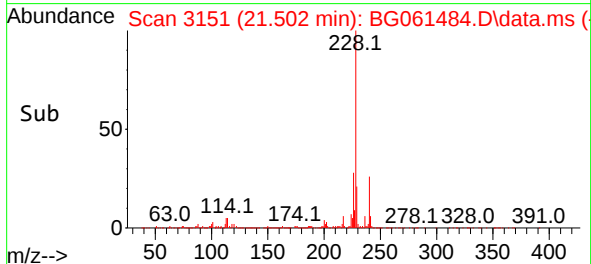
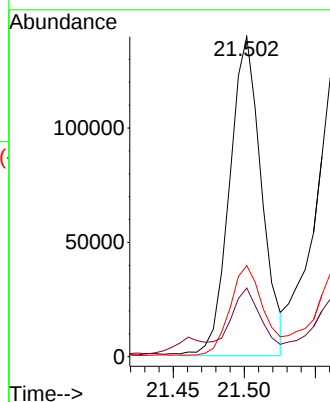
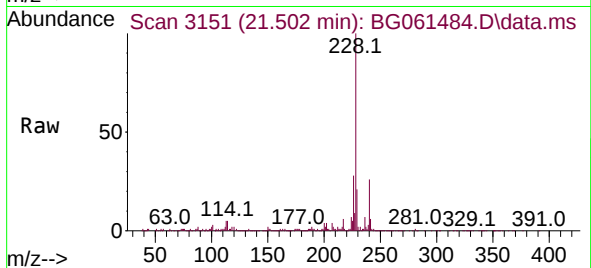
229 21.5 15.2 22.8

226 28.4 21.4 32.2

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#87

Chrysene

Concen: 14.328 ng/ul m

RT: 21.566 min Scan# 3162

Delta R.T. 0.013 min

Lab File: BG061484.D

Acq: 5 Jun 2024 11:21

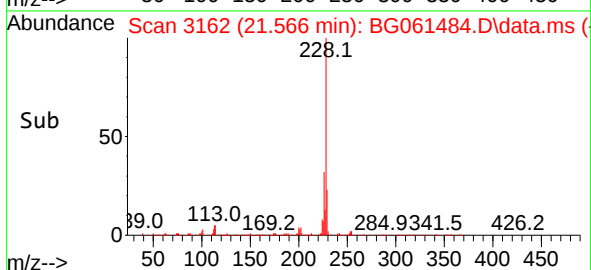
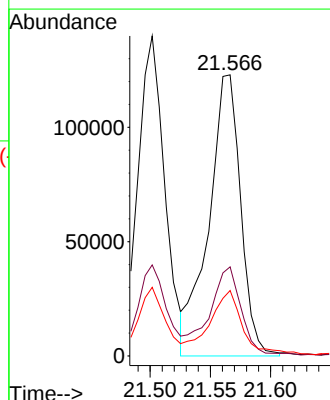
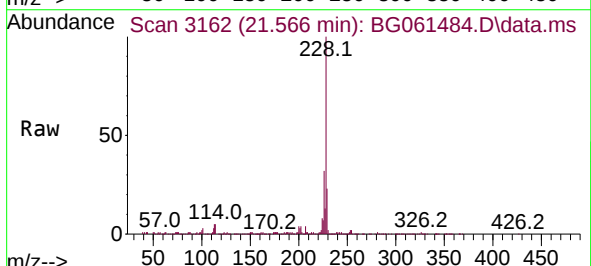
Tgt Ion:228 Resp: 227670

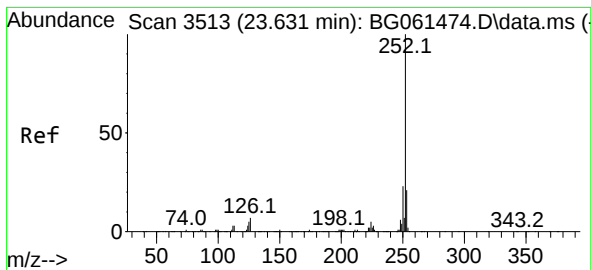
Ion Ratio Lower Upper

228 100

226 31.7 23.4 35.0

229 23.3 15.4 23.2#





#90

Benzo(b)fluoranthene

Concen: 17.675 ng/ul

RT: 23.634 min Scan# 3513

Delta R.T. 0.019 min

Lab File: BG061484.D

Acq: 5 Jun 2024 11:21

Instrument :

BNA_G

ClientSampleId :

BHBM6DL

Tgt Ion:252 Resp: 30123

Ion Ratio Lower Upper

252 100

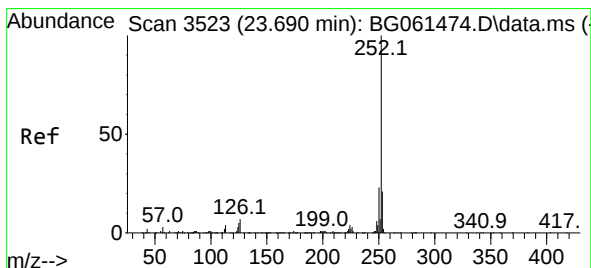
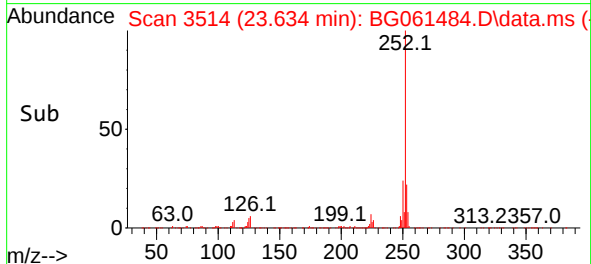
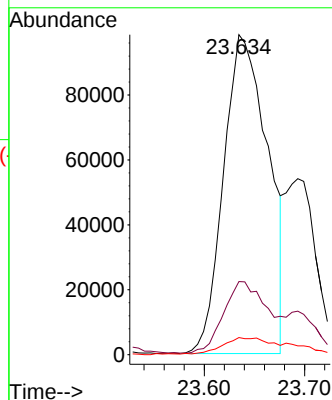
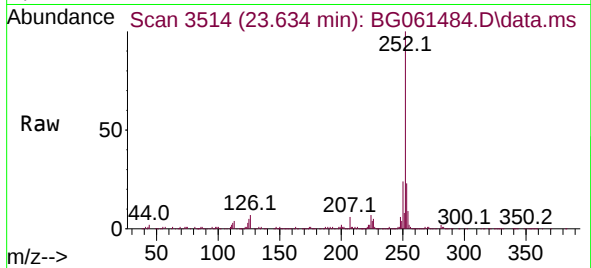
253 22.9 17.8 26.8

125 5.4 4.6 6.8

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 6.757 ng/ul m

RT: 23.693 min Scan# 3524

Delta R.T. 0.013 min

Lab File: BG061484.D

Acq: 5 Jun 2024 11:21

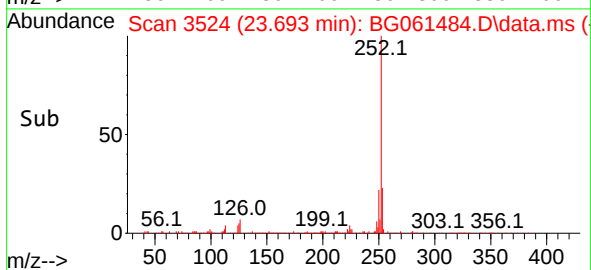
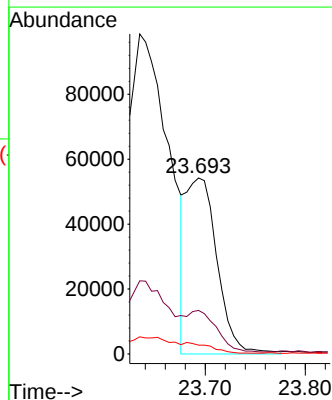
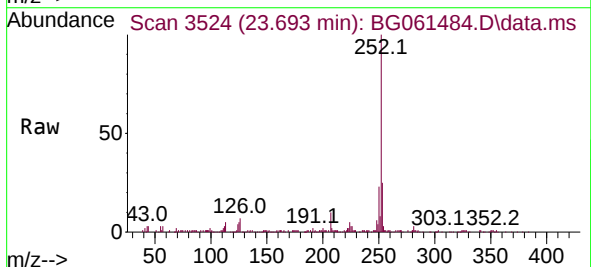
Tgt Ion:252 Resp: 116915

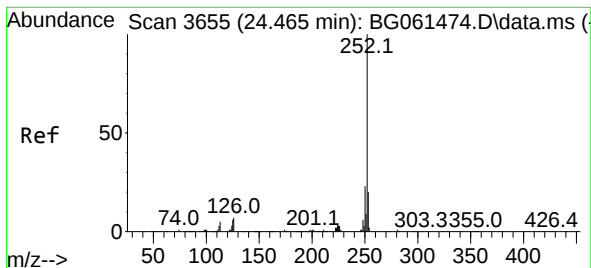
Ion Ratio Lower Upper

252 100

253 24.7 16.0 24.0#

125 5.0 4.3 6.5





#93

Benzo(a)pyrene

Concen: 13.487 ng/ul

RT: 24.469 min Scan# 30

Delta R.T. 0.019 min

Lab File: BG061484.D

Acq: 5 Jun 2024 11:21

Instrument :

BNA_G

ClientSampleId :

BHBM6DL

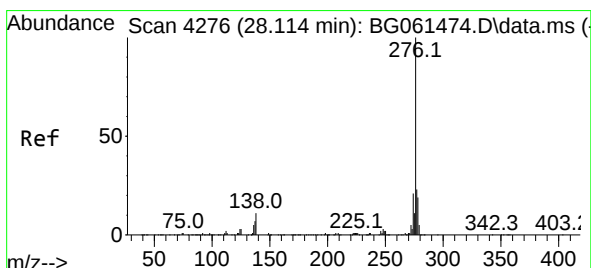
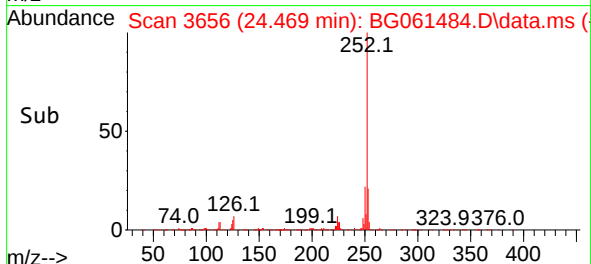
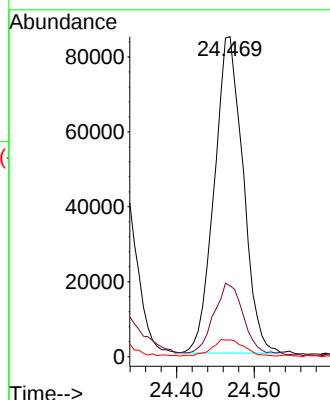
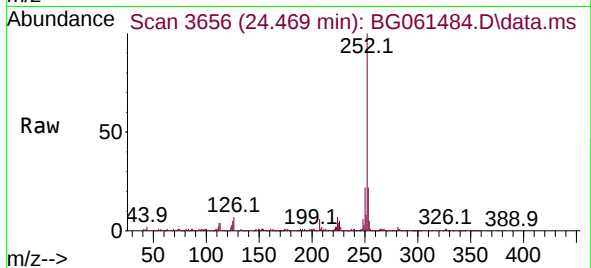
Tgt Ion:252 Resp: 21827

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.4	24.6
125	5.2	4.3	6.5

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#94

Indeno(1,2,3-cd)pyrene

Concen: 8.074 ng/ul m

RT: 28.123 min Scan# 4278

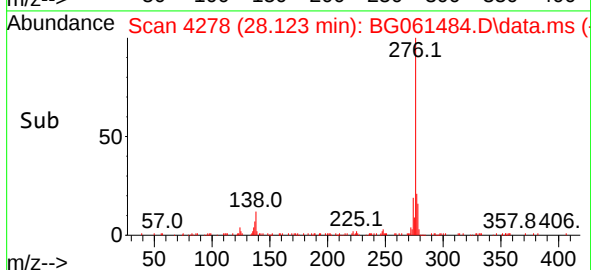
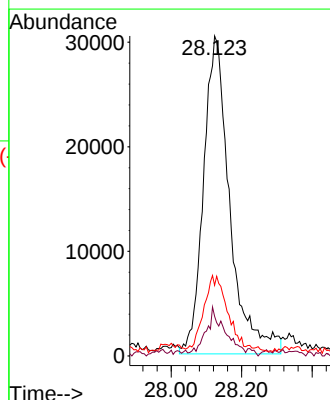
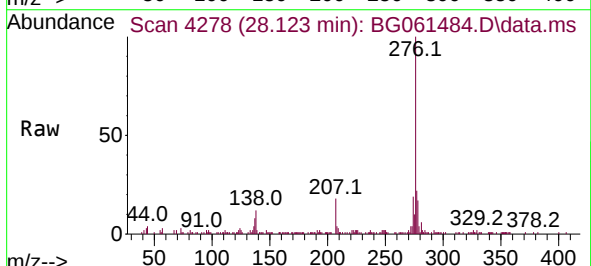
Delta R.T. 0.031 min

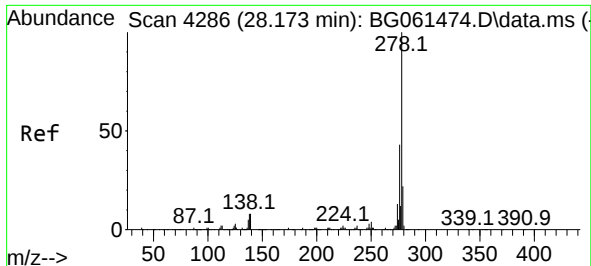
Lab File: BG061484.D

Acq: 5 Jun 2024 11:21

Tgt Ion:276 Resp: 158024

Ion	Ratio	Lower	Upper
276	100		
138	12.4	8.6	13.0
277	22.1	19.7	29.5





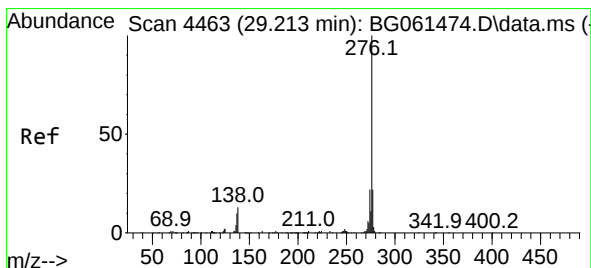
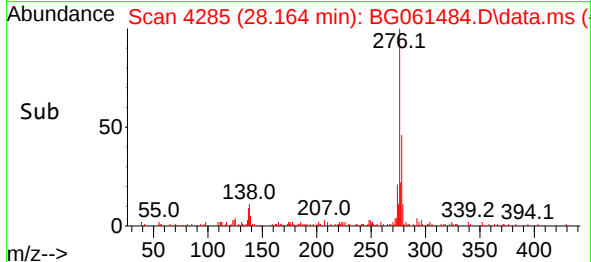
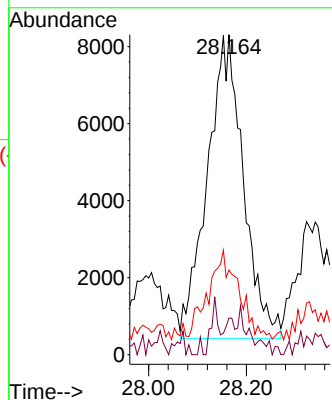
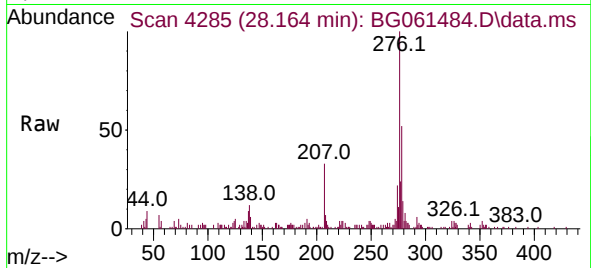
#95
Dibenzo(a,h)anthracene
Concen: 2.499 ng/ul m
RT: 28.164 min Scan# 4285
Delta R.T. 0.025 min
Lab File: BG061484.D
Acq: 5 Jun 2024 11:21

Instrument :
BNA_G
ClientSampleId :
BHBM6DL

Tgt Ion:278 Resp: 4032
Ion Ratio Lower Upper
278 100
139 11.5 6.4 9.6
279 26.5 19.9 29.9

Manual Integrations
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Supervised By :mohammad ahmed 06/07/2024



#96
Benzo(g,h,i)perylene
Concen: 7.491 ng/ul m
RT: 29.222 min Scan# 4465
Delta R.T. 0.048 min
Lab File: BG061484.D
Acq: 5 Jun 2024 11:21

Tgt Ion:276 Resp: 116633
Ion Ratio Lower Upper
276 100
138 9.4 8.7 13.1
277 22.3 18.2 27.2

