

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061309.D
 Acq On : 28 May 2024 21:26
 Operator : MA/JU
 Sample : P2568-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH642

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 28 23:13:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	23205	20.000	ng/u1	0.00
20) Naphthalene-d8	10.676	136	98862	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.519	164	77402	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	170218	20.000	ng/u1	0.00
79) Chrysene-d12	21.517	240	174020	20.000	ng/u1	0.00
88) Perylene-d12	24.601	264	197869	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	2329	5.617	ng/uL	0.00
4) Pyridine-d5	3.749	84	29689	20.126	ng/u1	0.00
7) Phenol-d5	7.063	99	51709	27.135	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	32243	26.919	ng/u1	0.00
11) 2-Chlorophenol-d4	7.421	132	41117	29.155	ng/u1	0.00
15) 4-Methylphenol-d8	8.597	113	42105	25.912	ng/u1	0.00
21) Nitrobenzene-d5	9.037	128	21988	28.887	ng/u1	0.00
24) 2-Nitrophenol-d4	9.760	143	26674	29.943	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	50656	29.168	ng/u1	0.00
31) 4-Chloroaniline-d4	10.812	131	46460	20.448	ng/u1	0.00
46) Dimethylphthalate-d6	13.920	166	170724	28.439	ng/u1	0.00
49) Acenaphthylene-d8	14.208	160	187402	30.027	ng/u1	0.00
54) 4-Nitrophenol-d4	14.742	143	18121	24.416	ng/u1	0.00
60) Fluorene-d10	15.512	176	151962	29.320	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	23550	22.875	ng/u1	0.00
73) Anthracene-d10	17.363	188	233960	31.176	ng/u1	0.00
81) Pyrene-d10	19.654	212	288868	32.329	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.390	264	303637	31.919	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.304	178	82770	10.019	ng/u1	97
74) Anthracene	17.398	178	12672	1.483	ng/u1	96
77) Carbazole	17.668	167	9521	1.370	ng/u1	98
78) Di-n-butylphthalate	18.226	149	12654	1.454	ng/u1#	96
80) Fluoranthene	19.319	202	266481	24.861	ng/u1	100
82) Pyrene	19.683	202	238233	21.412	ng/u1#	98
83) Butylbenzylphthalate	20.577	149	7109	1.860	ng/u1	91
85) Benzo(a)anthracene	21.493	228	153992	12.825	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.411	149	32565	5.756	ng/u1	94
87) Chrysene	21.558	228	162668	14.713	ng/u1	95
90) Benzo(b)fluoranthene	23.632	252	201593	17.112	ng/u1	99
91) Benzo(k)fluoranthene	23.685	252	86922m	7.268	ng/u1	
93) Benzo(a)pyrene	24.460	252	143669	12.843	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.091	276	107162	7.921	ng/u1	99
95) Dibenzo(a,h)anthracene	28.127	278	29002m	2.600	ng/u1	
96) Benzo(g,h,i)perylene	29.190	276	107768m	10.013	ng/u1	

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

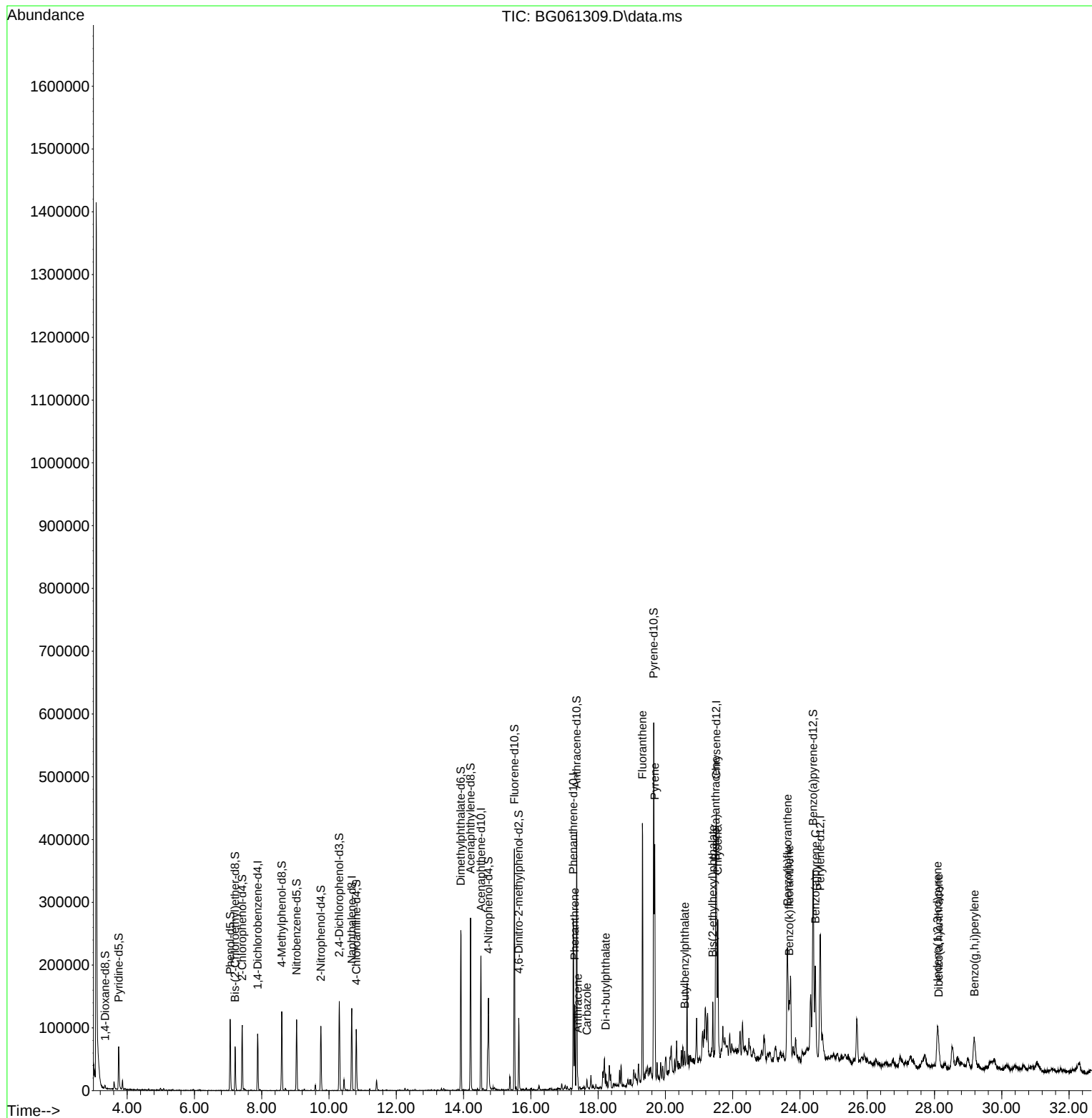
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061309.D
Acq On : 28 May 2024 21:26
Operator : MA/JU
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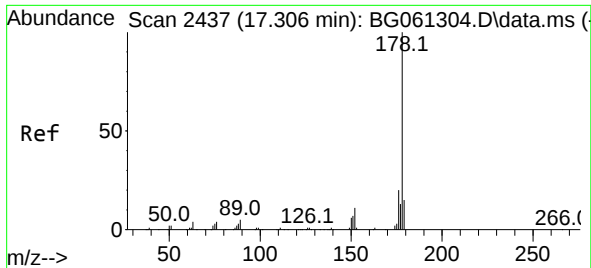
Instrument :
BNA_G
ClientSampleId :
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Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 28 23:13:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration





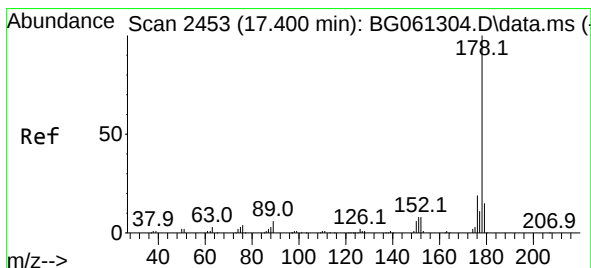
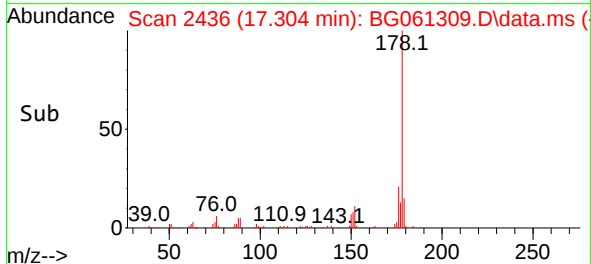
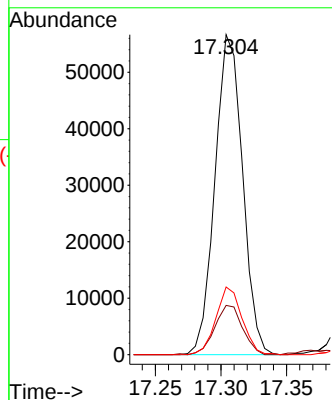
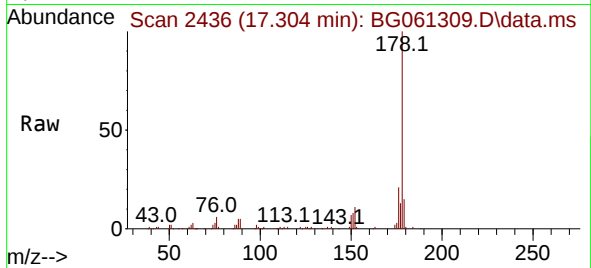
#72
Phenanthrene
Concen: 10.019 ng/ul
RT: 17.304 min Scan# 2437
Delta R.T. -0.009 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

Instrument :
BNA_G
ClientSampleId :
BH642

Tgt Ion:178 Resp: 82770
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 21.1 15.5 23.3

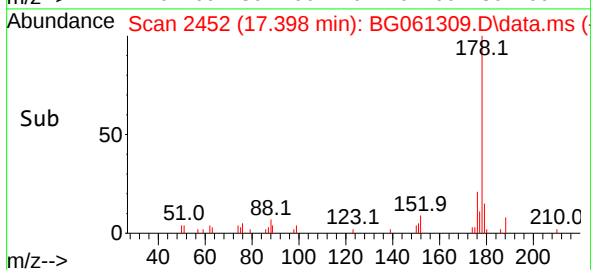
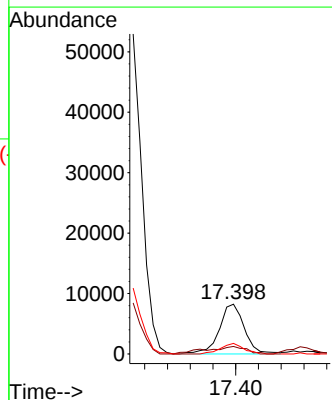
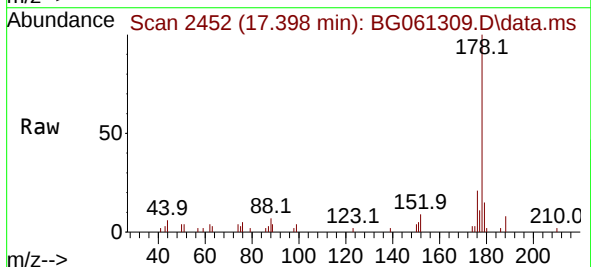
Manual Integrations
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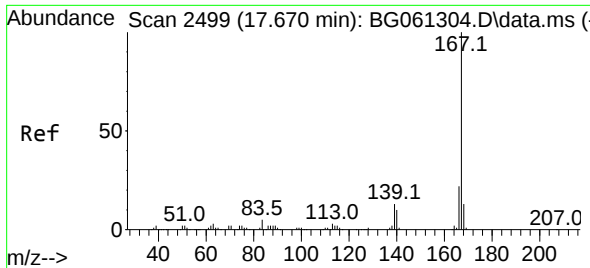
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#74
Anthracene
Concen: 1.483 ng/ul
RT: 17.398 min Scan# 2452
Delta R.T. -0.003 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

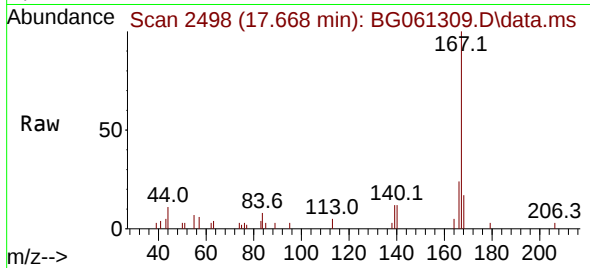
Tgt Ion:178 Resp: 12672
Ion Ratio Lower Upper
178 100
179 15.2 11.8 17.6
176 21.1 14.9 22.3





#77
 Carbazole
 Concen: 1.370 ng/ul
 RT: 17.668 min Scan# 2498
 Delta R.T. -0.009 min
 Lab File: BG061309.D
 Acq: 28 May 2024 21:26

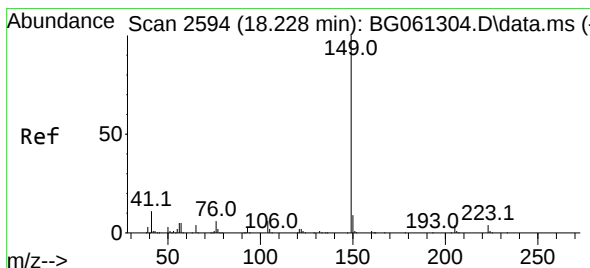
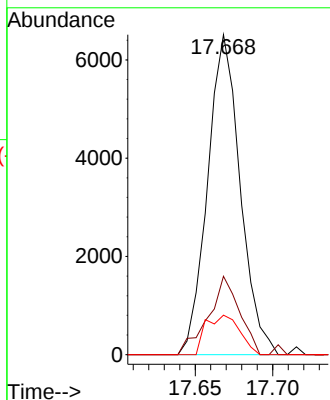
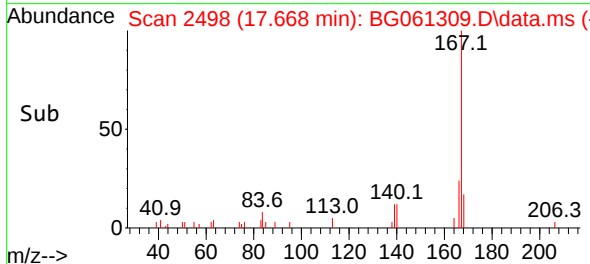
Instrument :
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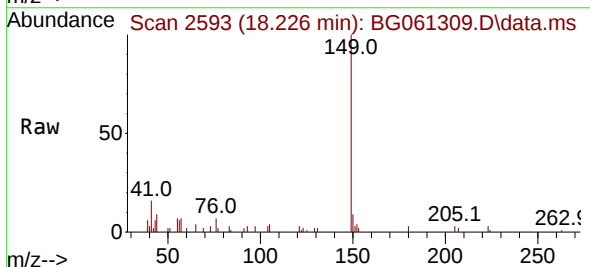
Tgt Ion:167 Resp: 952
 Ion Ratio Lower Upper
 167 100
 166 24.5 18.6 28.0
 139 12.3 10.6 15.8

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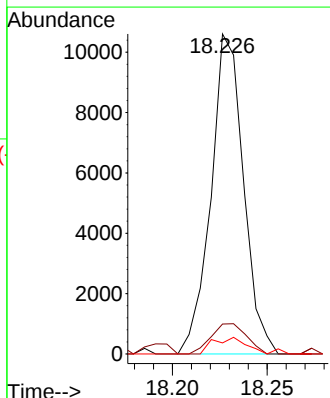
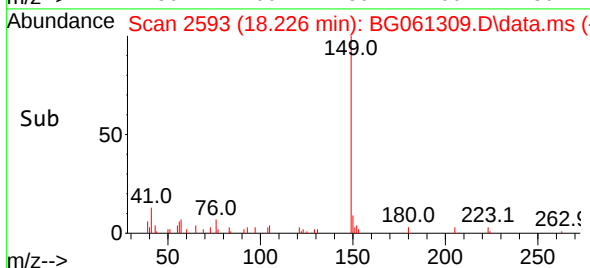
Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

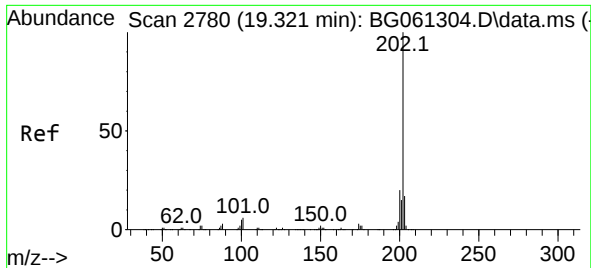


#78
 Di-n-butylphthalate
 Concen: 1.454 ng/ul
 RT: 18.226 min Scan# 2593
 Delta R.T. -0.009 min
 Lab File: BG061309.D
 Acq: 28 May 2024 21:26



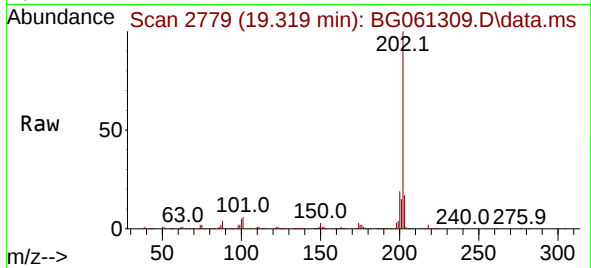
Tgt Ion:149 Resp: 12654
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 3.4 4.8 7.2#





#80
Fluoranthene
Concen: 24.861 ng/ul
RT: 19.319 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

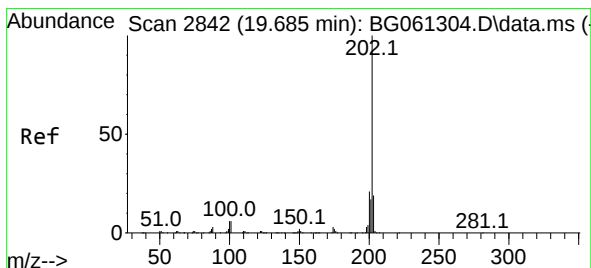
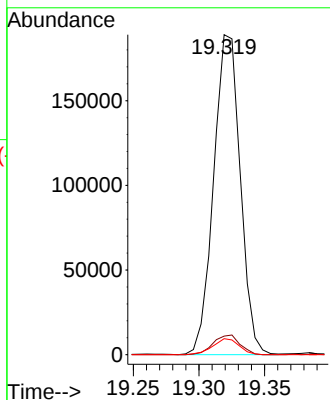
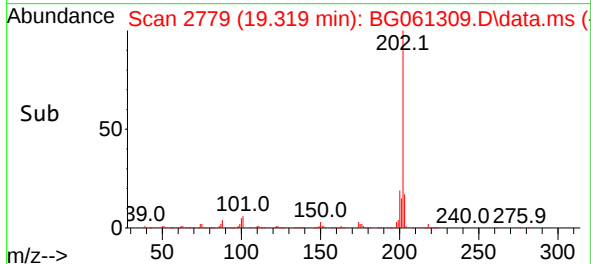
Instrument :
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ClientSampleId :
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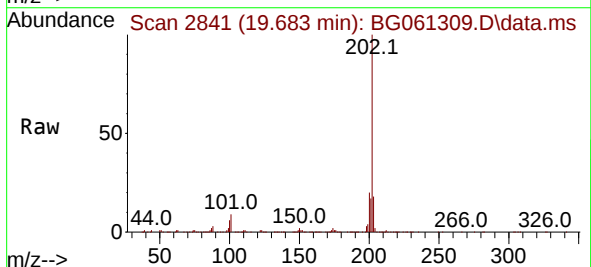
Tgt Ion:202 Resp: 26648
Ion Ratio Lower Upper
202 100
101 5.8 4.8 7.2
100 5.0 4.1 6.1

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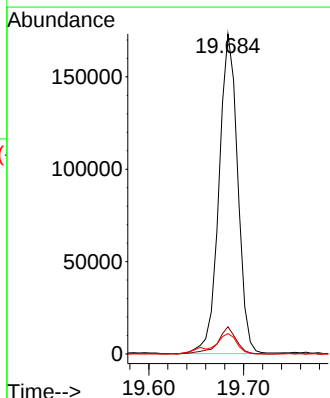
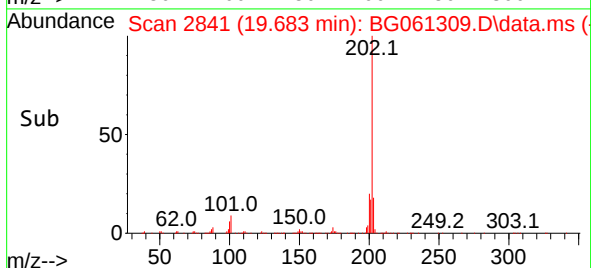
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

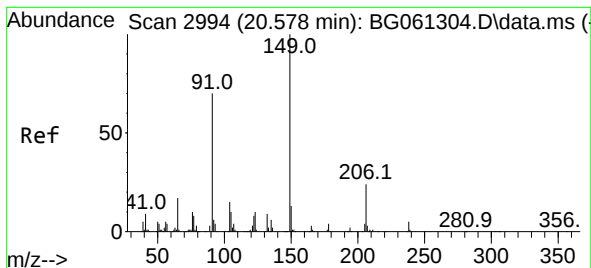


#82
Pyrene
Concen: 21.412 ng/ul
RT: 19.683 min Scan# 2841
Delta R.T. -0.003 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26



Tgt Ion:202 Resp: 238233
Ion Ratio Lower Upper
202 100
101 8.5 5.7 8.5#
100 6.4 5.1 7.7





#83

Butylbenzylphthalate

Concen: 1.860 ng/ul

RT: 20.577 min Scan# 2994

Delta R.T. -0.003 min

Lab File: BG061309.D

Acq: 28 May 2024 21:26

Instrument :

BNA_G

ClientSampleId :

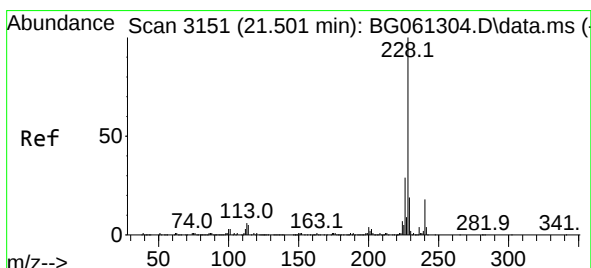
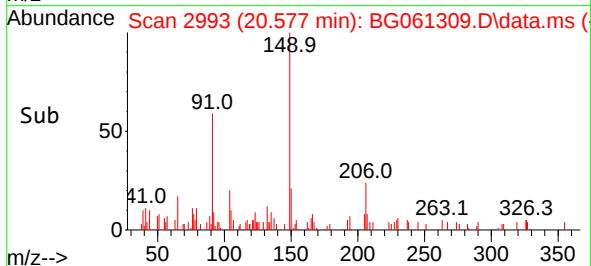
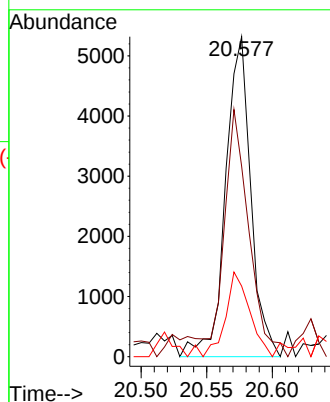
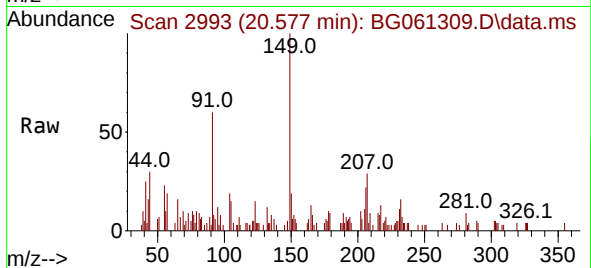
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Tgt Ion:	149	Resp:	7109
Ion Ratio	Lower	Upper	
149	100		
91	59.5	54.8	82.2
206	22.0	19.4	29.0

Manual Integrations

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Supervised By :mohammad ahmed 05/30/2024



#85

Benzo(a)anthracene

Concen: 12.825 ng/ul

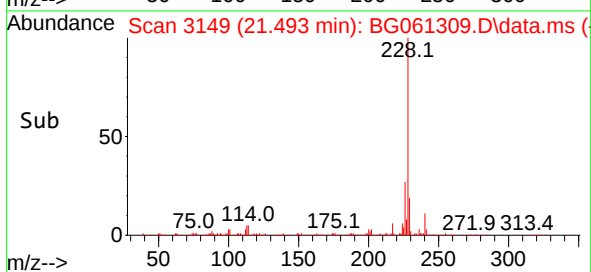
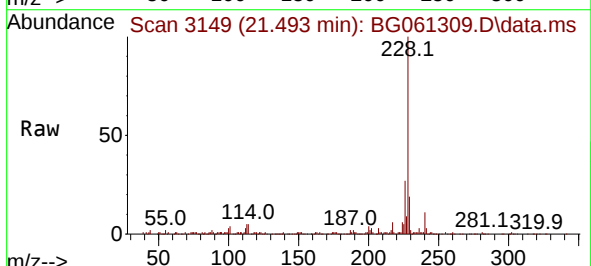
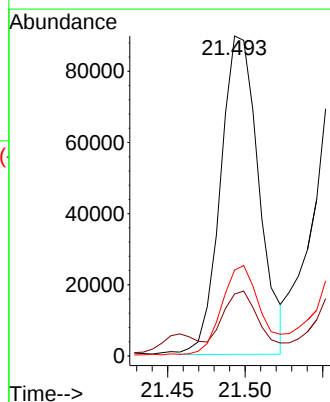
RT: 21.493 min Scan# 3149

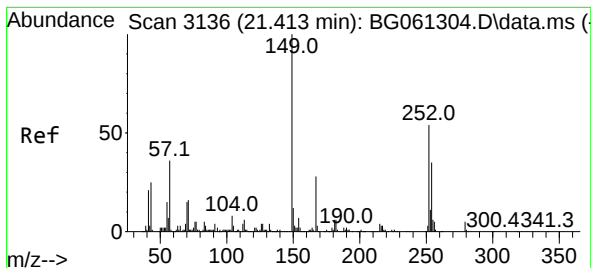
Delta R.T. -0.009 min

Lab File: BG061309.D

Acq: 28 May 2024 21:26

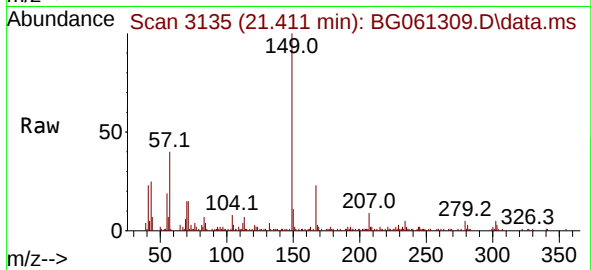
Tgt Ion:	228	Resp:	153992
Ion Ratio	Lower	Upper	
228	100		
229	19.3	15.2	22.8
226	26.9	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 5.756 ng/ul
RT: 21.411 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

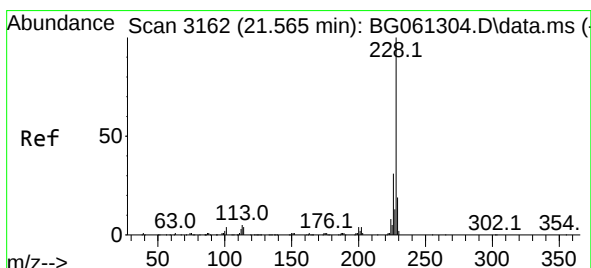
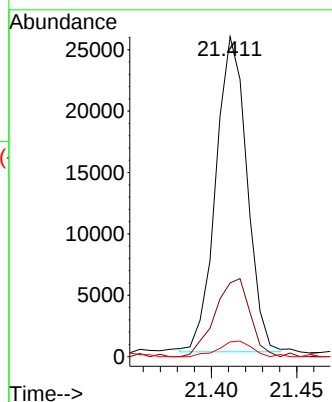
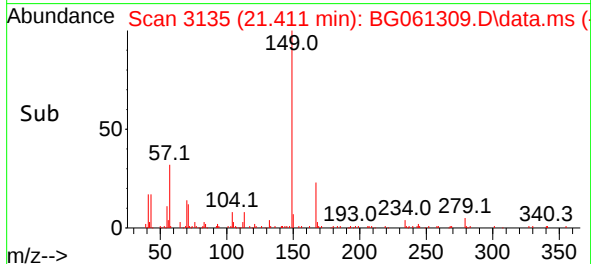
Instrument :
BNA_G
ClientSampleId :
BH642



Tgt Ion:149 Resp: 3256
Ion Ratio Lower Upper
149 100
167 23.0 21.1 31.7
279 4.6 3.3 4.9

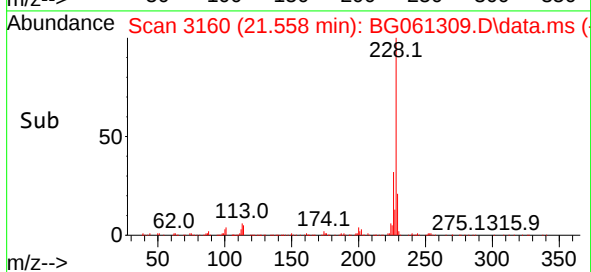
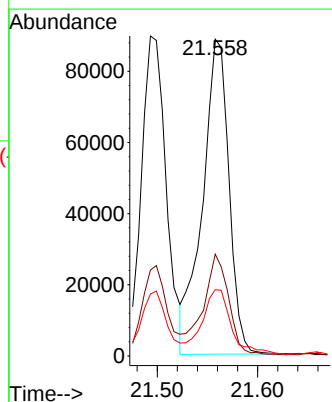
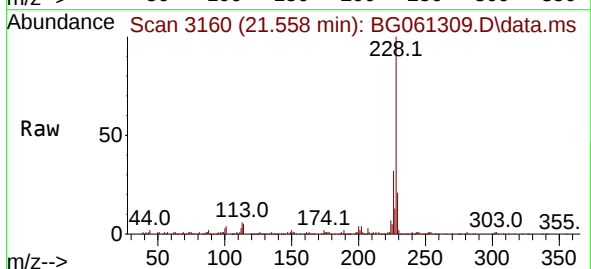
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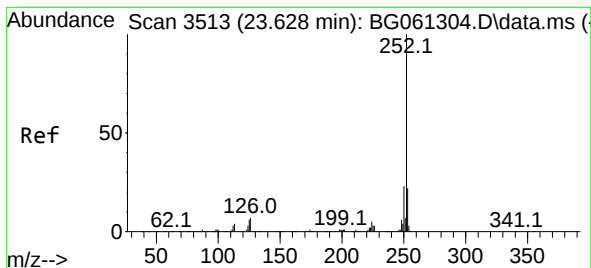
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#87
Chrysene
Concen: 14.713 ng/ul
RT: 21.558 min Scan# 3160
Delta R.T. -0.009 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

Tgt Ion:228 Resp: 162668
Ion Ratio Lower Upper
228 100
226 32.2 23.4 35.0
229 20.9 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 17.112 ng/ul

RT: 23.632 min Scan# 3513

Delta R.T. 0.003 min

Lab File: BG061309.D

Acq: 28 May 2024 21:26

Instrument :

BNA_G

ClientSampleId :

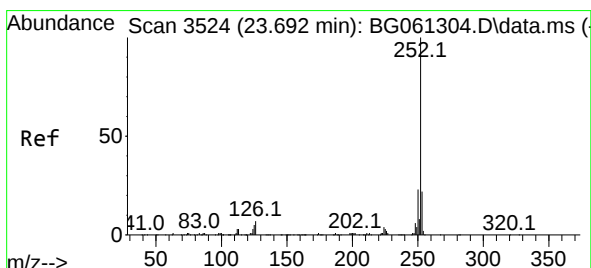
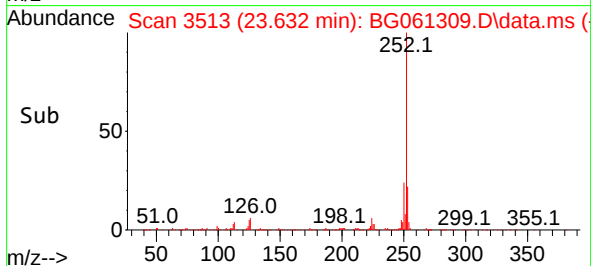
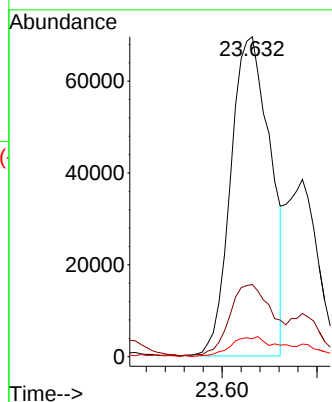
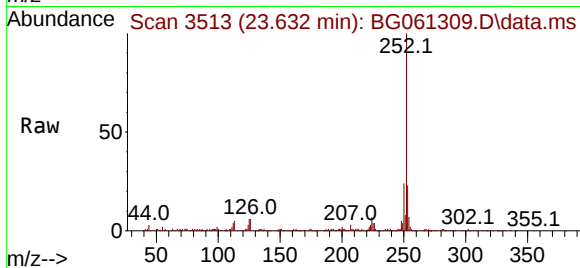
BH642

Tgt Ion:	252	Resp:	20159
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	5.6	4.6	6.8

Manual Integrations

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Supervised By :mohammad ahmed 05/30/2024



#91

Benzo(k)fluoranthene

Concen: 7.268 ng/ul m

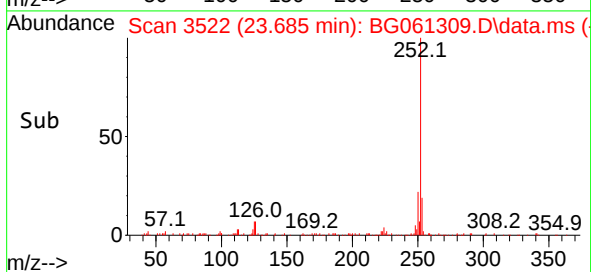
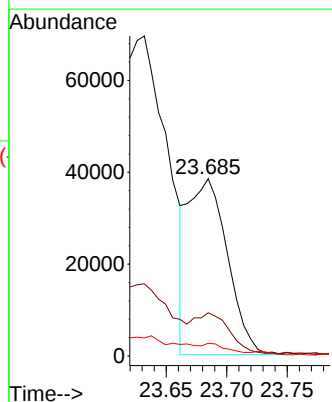
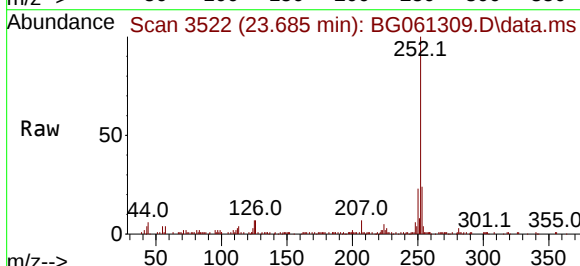
RT: 23.685 min Scan# 3522

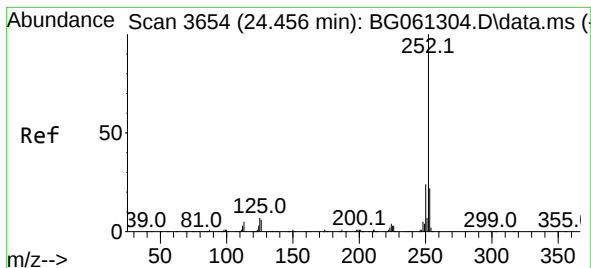
Delta R.T. -0.009 min

Lab File: BG061309.D

Acq: 28 May 2024 21:26

Tgt Ion:	252	Resp:	86922
Ion Ratio	Lower	Upper	
252	100		
253	24.4	16.0	24.0#
125	7.1	4.3	6.5#





#93

Benzo(a)pyrene

Concen: 12.843 ng/ul

RT: 24.460 min Scan# 30

Delta R.T. -0.003 min

Lab File: BG061309.D

Acq: 28 May 2024 21:26

Instrument :

BNA_G

ClientSampleId :

BH642

Tgt Ion:252 Resp: 143669

Ion Ratio Lower Upper

252 100

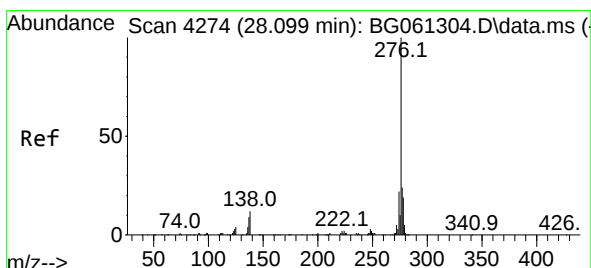
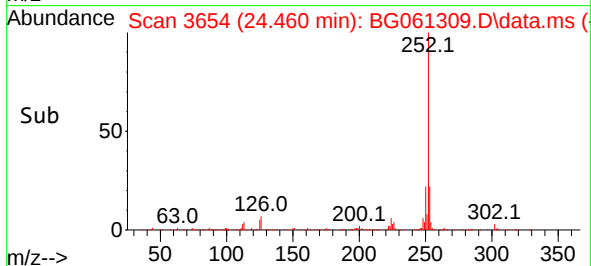
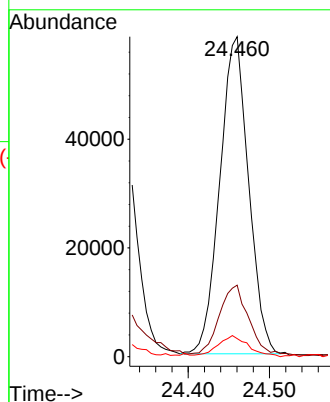
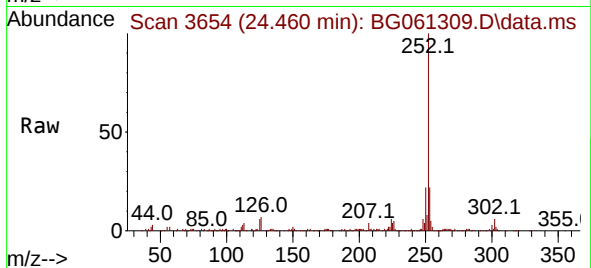
253 22.4 16.4 24.6

125 5.7 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.921 ng/ul

RT: 28.091 min Scan# 4272

Delta R.T. -0.015 min

Lab File: BG061309.D

Acq: 28 May 2024 21:26

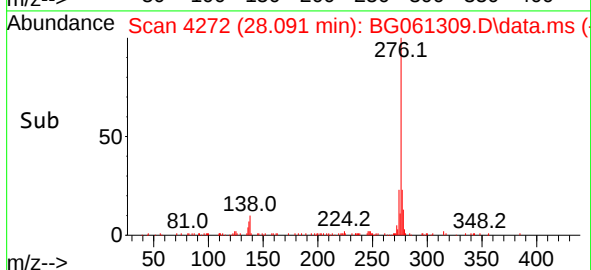
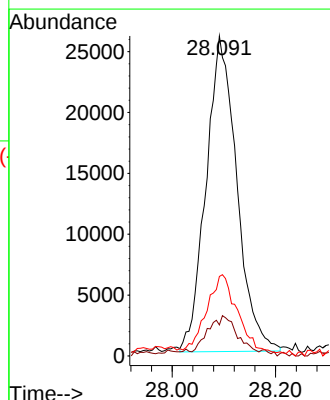
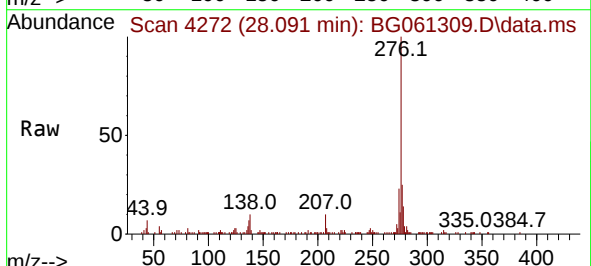
Tgt Ion:276 Resp: 107162

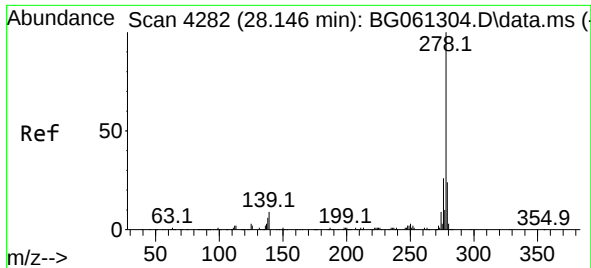
Ion Ratio Lower Upper

276 100

138 9.7 8.6 13.0

277 24.8 19.7 29.5





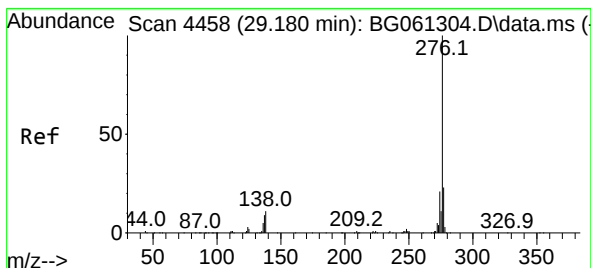
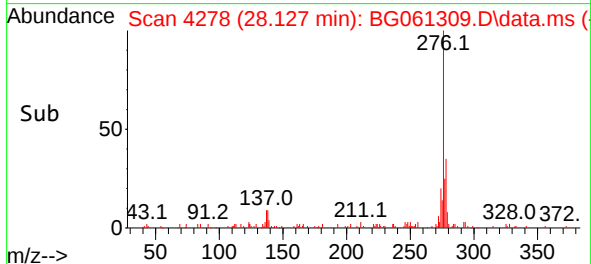
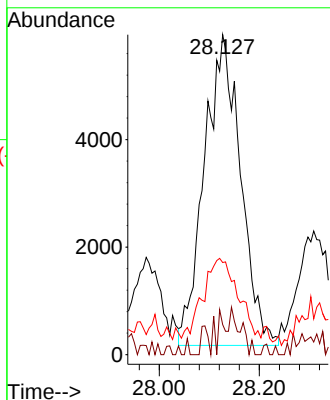
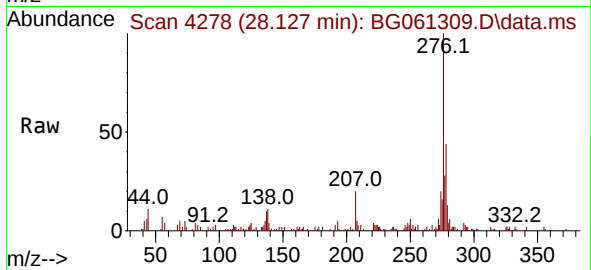
#95
Dibenzo(a,h)anthracene
Concen: 2.600 ng/ul m
RT: 28.127 min Scan# 41
Delta R.T. -0.032 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

Instrument :
BNA_G
ClientSampleId :
BH642

Tgt Ion:278 Resp: 2900
Ion Ratio Lower Upper
278 100
139 9.4 6.4 9.6
279 28.8 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#96
Benzo(g,h,i)perylene
Concen: 10.013 ng/ul m
RT: 29.190 min Scan# 4459
Delta R.T. -0.003 min
Lab File: BG061309.D
Acq: 28 May 2024 21:26

Tgt Ion:276 Resp: 107768
Ion Ratio Lower Upper
276 100
138 12.9 8.7 13.1
277 21.8 18.2 27.2

