

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061507.D
 Acq On : 6 Jun 2024 12:53
 Operator : MA/JU
 Sample : P2635-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBZ3

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 13:27:40 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	29106	20.000	ng/u1	0.00
20) Naphthalene-d8	10.668	136	109103	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.510	164	76961	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	172006	20.000	ng/u1	0.00
79) Chrysene-d12	21.520	240	186403	20.000	ng/u1 #	0.00
88) Perylene-d12	24.610	264	214105	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	2369	4.555	ng/uL	0.00
4) Pyridine-d5	3.764	84	8469	4.577	ng/u1	0.00
7) Phenol-d5	7.072	99	55668	23.290	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	34846	23.194	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	46974	26.555	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	45194	22.175	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	23755	28.279	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	27570	28.044	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	52213	27.243	ng/u1	0.00
31) 4-Chloroaniline-d4	10.809	131	32751	13.062	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	155180	25.998	ng/u1	0.00
49) Acenaphthylene-d8	14.205	160	171162	27.582	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	16213	21.970	ng/u1	0.00
60) Fluorene-d10	15.509	176	137203	26.624	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	21305	20.479	ng/u1	0.00
73) Anthracene-d10	17.360	188	221540	29.215	ng/u1	0.00
81) Pyrene-d10	19.657	212	243332	25.424	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.404	264	211106	20.509	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.699	105	7014	2.016	ng/u1	95
30) Naphthalene	10.720	128	5762	1.001	ng/u1#	93
50) Acenaphthylene	14.234	152	8388	1.219	ng/u1#	92
52) Acenaphthene	14.575	153	5386	1.193	ng/u1	92
72) Phenanthrene	17.301	178	160587	19.236	ng/u1	99
74) Anthracene	17.395	178	22963	2.660	ng/u1	95
77) Carbazole	17.665	167	13074	1.862	ng/u1	94
80) Fluoranthene	19.322	202	581301	50.629	ng/u1	98
82) Pyrene	19.686	202	455148	38.190	ng/u1	98
83) Butylbenzylphthalate	20.574	149	11340	2.770	ng/u1#	95
85) Benzo(a)anthracene	21.502	228	300901	23.395	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.408	149	42694	7.045	ng/u1	99
87) Chrysene	21.567	228	345341	29.160	ng/u1	96
90) Benzo(b)fluoranthene	23.641	252	472547	37.069	ng/u1	98
91) Benzo(k)fluoranthene	23.694	252	179235m	13.850	ng/u1	
93) Benzo(a)pyrene	24.469	252	201007	16.606	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	28.130	276	192094	13.123	ng/u1	98
95) Dibenzo(a,h)anthracene	28.153	278	57419	4.757	ng/u1	96
96) Benzo(g,h,i)perylene	29.228	276	30302m	2.602	ng/u1	

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

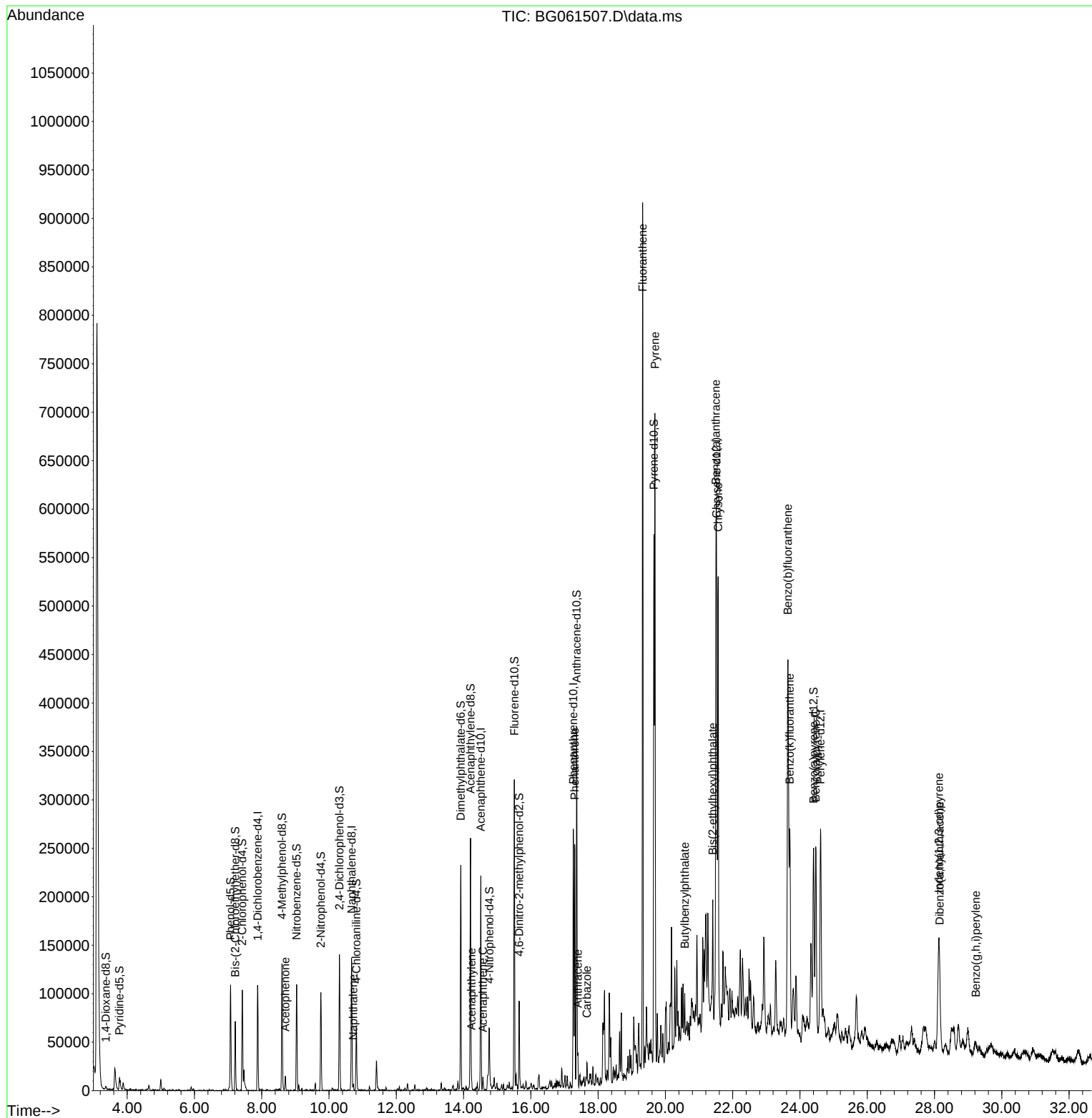
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061507.D
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 ALS Vial : 5 Sample Multiplier: 1

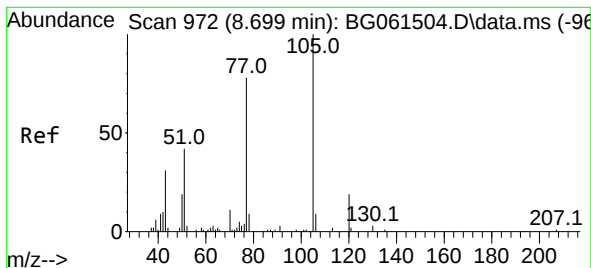
Instrument :
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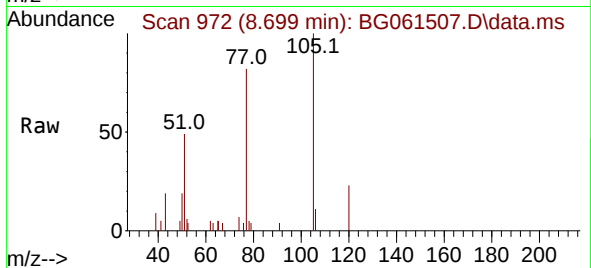
Quant Time: Jun 06 13:27:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
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#16
Acetophenone
Concen: 2.016 ng/ul
RT: 8.699 min Scan# 914
Delta R.T. 0.001 min
Lab File: BG061507.D
Acq: 6 Jun 2024 12:53

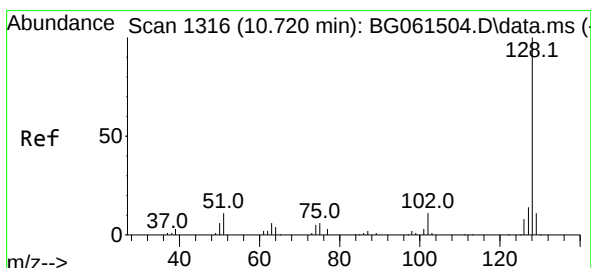
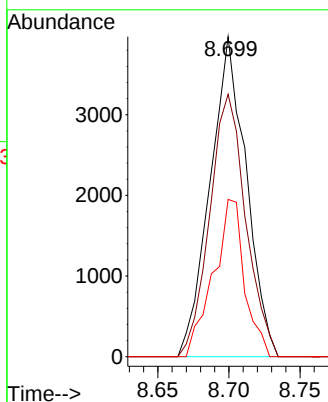
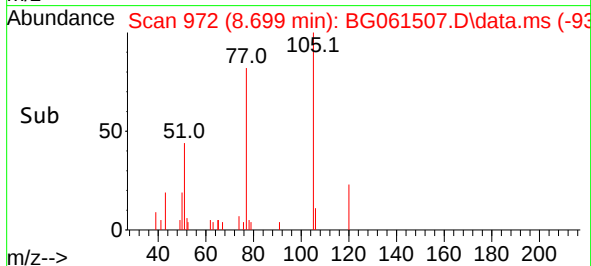
Instrument :
BNA_G
ClientSampleId :
BHBZ3



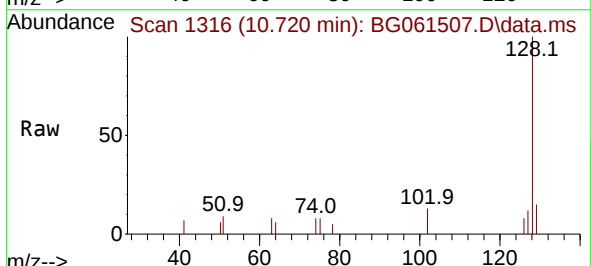
Tgt Ion:105 Resp: 7014
Ion Ratio Lower Upper
105 100
77 82.0 70.4 105.6
51 49.1 38.4 57.6

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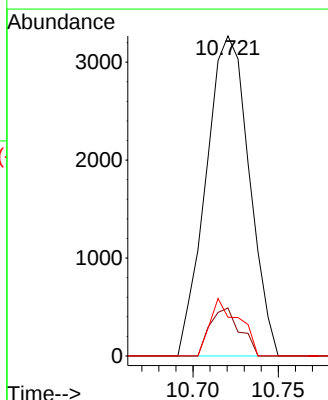
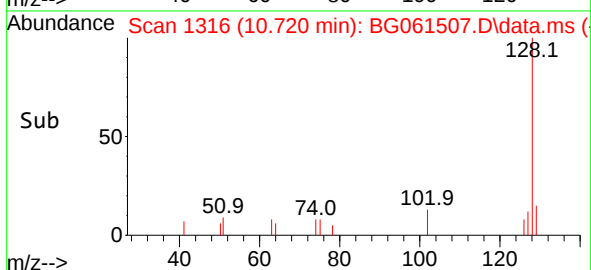
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

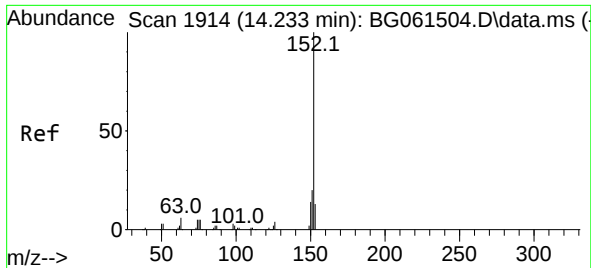


#30
Naphthalene
Concen: 1.001 ng/ul
RT: 10.720 min Scan# 1316
Delta R.T. 0.001 min
Lab File: BG061507.D
Acq: 6 Jun 2024 12:53



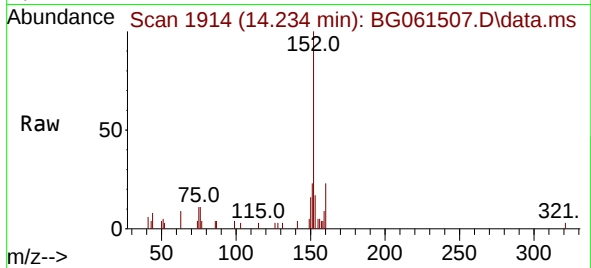
Tgt Ion:128 Resp: 5762
Ion Ratio Lower Upper
128 100
129 15.0 8.6 12.8#
127 12.1 10.8 16.2





#50
Acenaphthylene
Concen: 1.219 ng/ul
RT: 14.234 min Scan# 1914
Delta R.T. 0.001 min
Lab File: BG061507.D
Acq: 6 Jun 2024 12:53

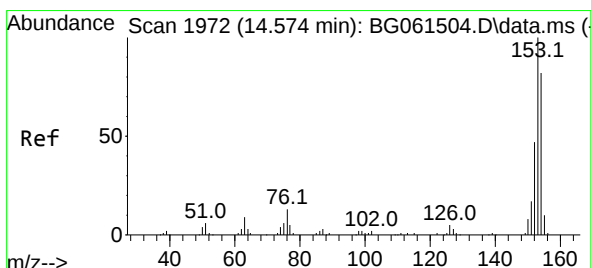
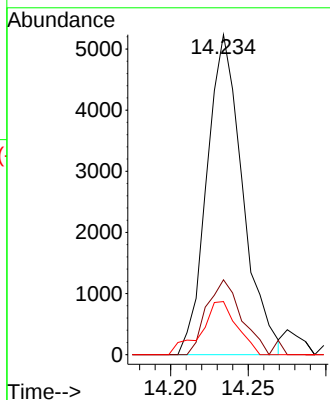
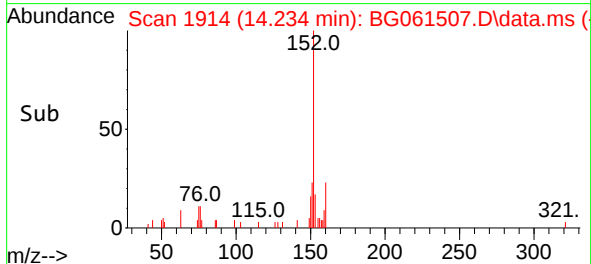
Instrument :
BNA_G
ClientSampleId :
BHBZ3



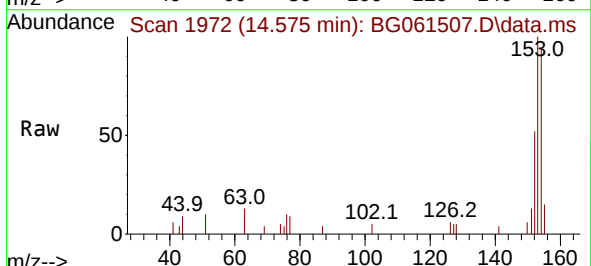
Tgt Ion:152 Resp: 838
Ion Ratio Lower Upper
152 100
151 23.4 16.2 24.2
153 16.6 10.2 15.4

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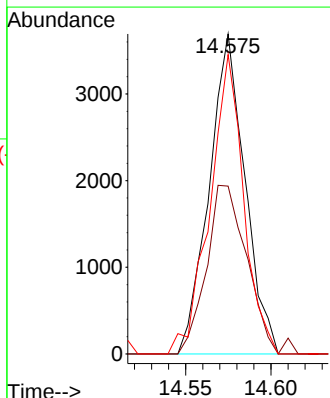
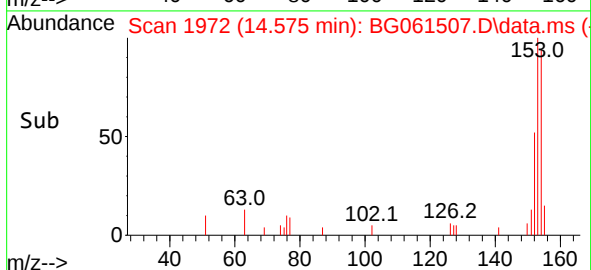
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

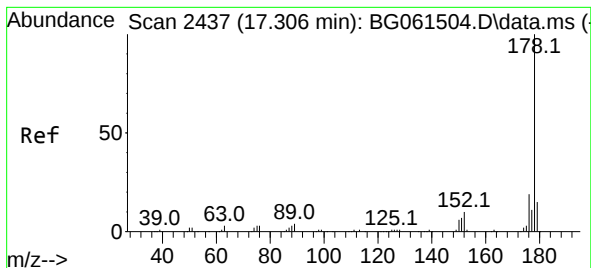


#52
Acenaphthene
Concen: 1.193 ng/ul
RT: 14.575 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG061507.D
Acq: 6 Jun 2024 12:53



Tgt Ion:153 Resp: 5386
Ion Ratio Lower Upper
153 100
152 52.5 37.8 56.8
154 93.5 69.0 103.6





#72

Phenanthrene

Concen: 19.236 ng/u1

RT: 17.301 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BG061507.D

Acq: 6 Jun 2024 12:53

Instrument :

BNA_G

ClientSampleId :

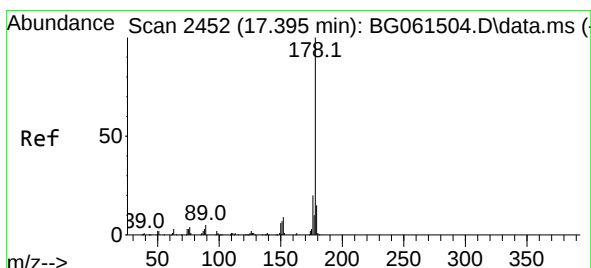
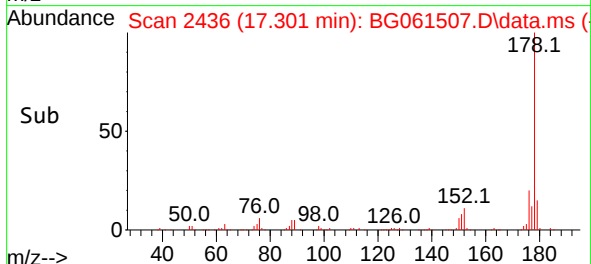
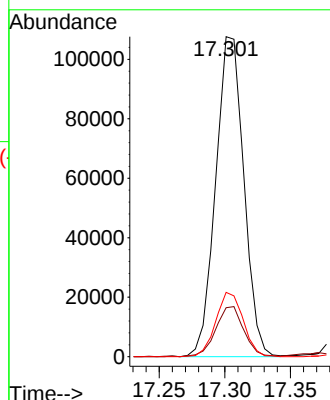
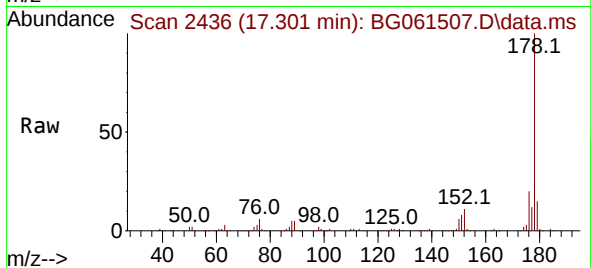
BHBZ3

Tgt Ion:178 Resp: 16058
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.7 19.1
 176 20.1 15.5 23.3

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#74

Anthracene

Concen: 2.660 ng/u1

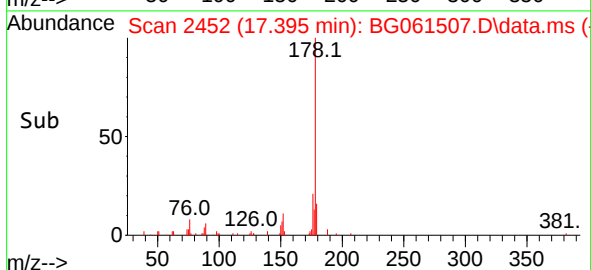
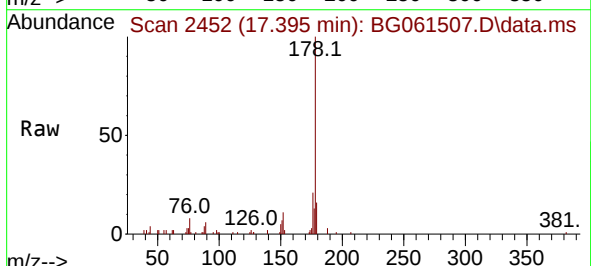
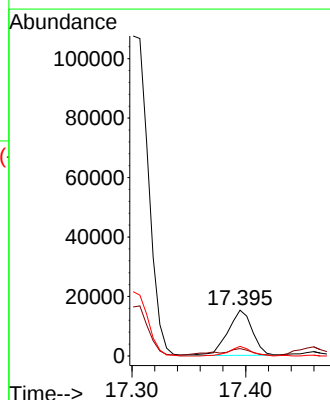
RT: 17.395 min Scan# 2452

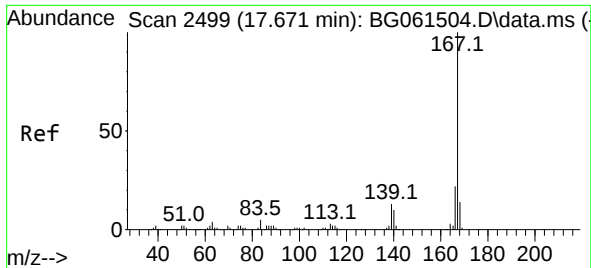
Delta R.T. 0.001 min

Lab File: BG061507.D

Acq: 6 Jun 2024 12:53

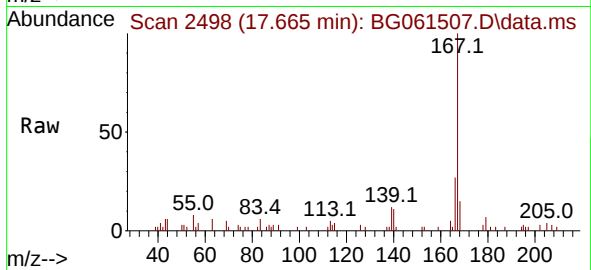
Tgt Ion:178 Resp: 22963
 Ion Ratio Lower Upper
 178 100
 179 16.2 11.8 17.6
 176 21.0 14.9 22.3





#77
 Carbazole
 Concen: 1.862 ng/ul
 RT: 17.665 min Scan# 2499
 Delta R.T. -0.005 min
 Lab File: BG061507.D
 Acq: 6 Jun 2024 12:53

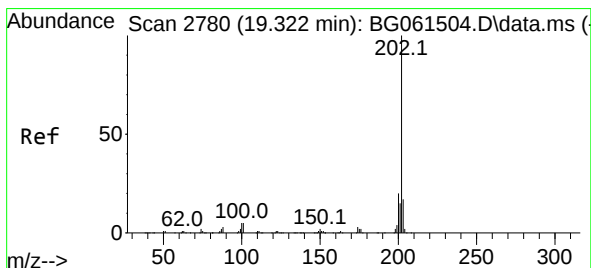
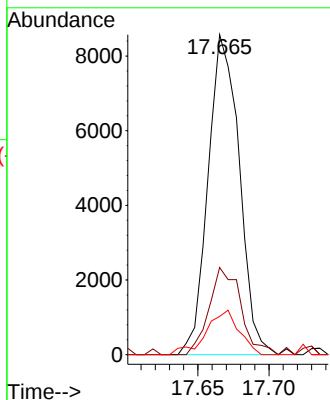
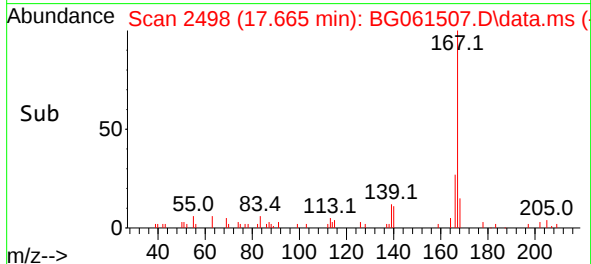
Instrument :
 BNA_G
 ClientSampleId :
 BHBZ3



Tgt Ion:167 Resp: 13074
 Ion Ratio Lower Upper
 167 100
 166 27.3 18.6 28.0
 139 12.0 10.6 15.8

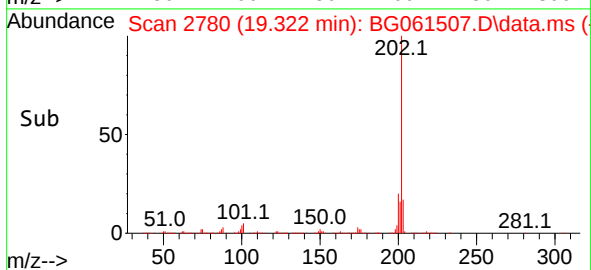
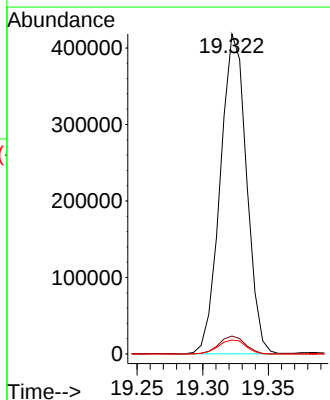
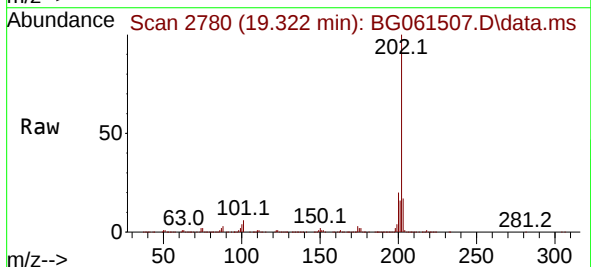
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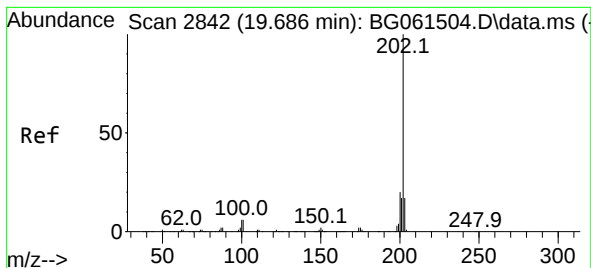
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#80
 Fluoranthene
 Concen: 50.629 ng/ul
 RT: 19.322 min Scan# 2780
 Delta R.T. 0.001 min
 Lab File: BG061507.D
 Acq: 6 Jun 2024 12:53

Tgt Ion:202 Resp: 581301
 Ion Ratio Lower Upper
 202 100
 101 5.6 4.8 7.2
 100 4.4 4.1 6.1





#82

Pyrene

Concen: 38.190 ng/ul

RT: 19.686 min Scan# 2842

Delta R.T. 0.001 min

Lab File: BG061507.D

Acq: 6 Jun 2024 12:53

Instrument :

BNA_G

ClientSampleId :

BHBZ3

Tgt Ion:202 Resp: 45514

Ion Ratio Lower Upper

202 100

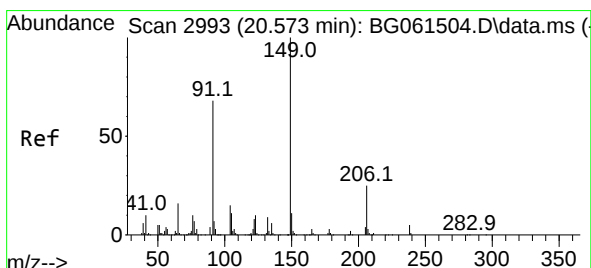
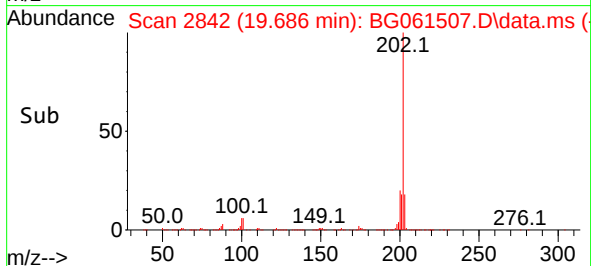
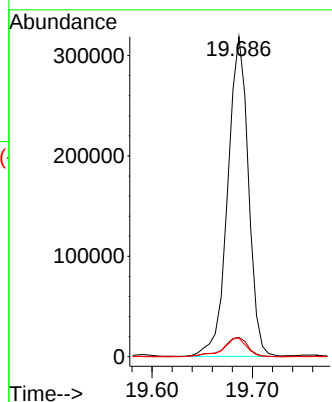
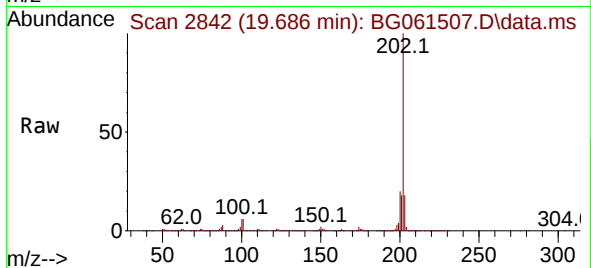
101 6.0 5.7 8.5

100 5.8 5.1 7.7

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#83

Butylbenzylphthalate

Concen: 2.770 ng/ul

RT: 20.574 min Scan# 2993

Delta R.T. 0.001 min

Lab File: BG061507.D

Acq: 6 Jun 2024 12:53

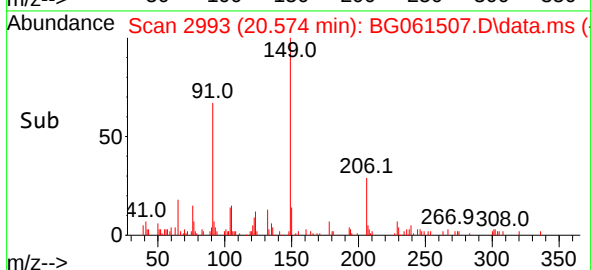
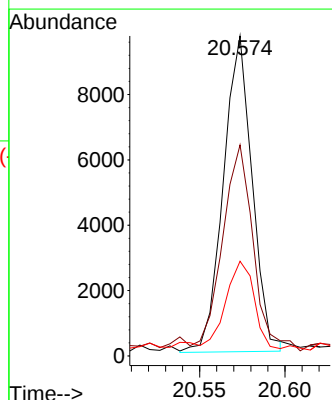
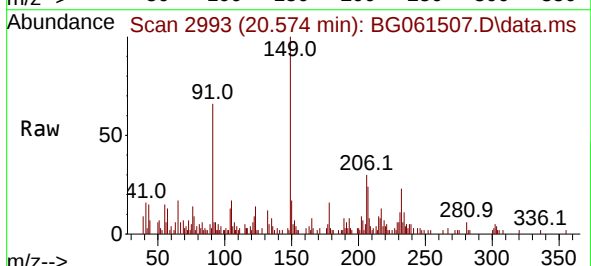
Tgt Ion:149 Resp: 11340

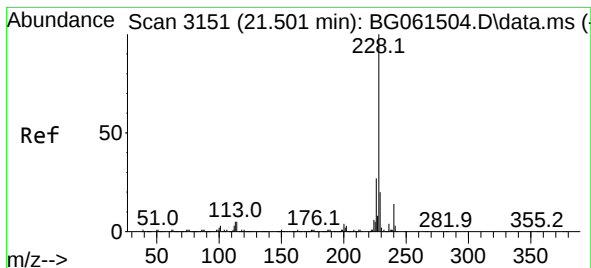
Ion Ratio Lower Upper

149 100

91 66.0 54.8 82.2

206 29.6 19.4 29.0#





#85

Benzo(a)anthracene

Concen: 23.395 ng/ul

RT: 21.502 min Scan# 3151

Delta R.T. 0.001 min

Lab File: BG061507.D

Acq: 6 Jun 2024 12:53

Instrument :

BNA_G

ClientSampleId :

BHBZ3

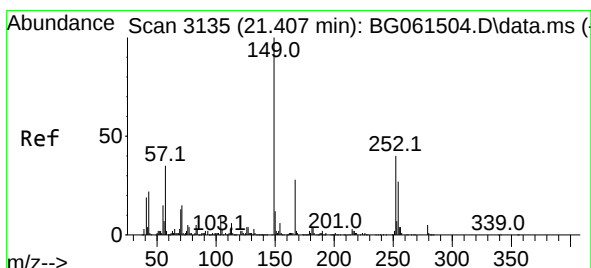
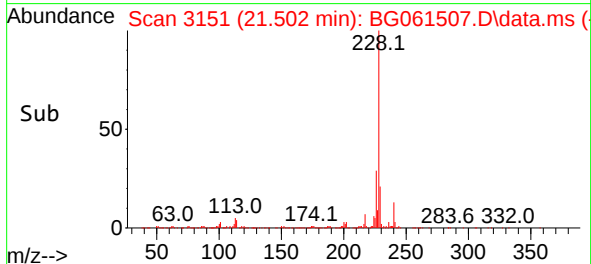
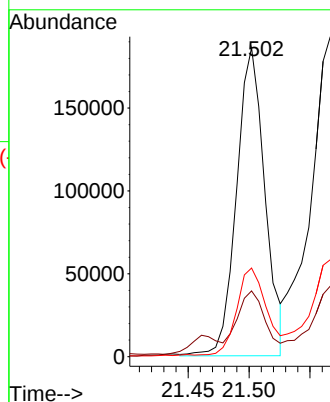
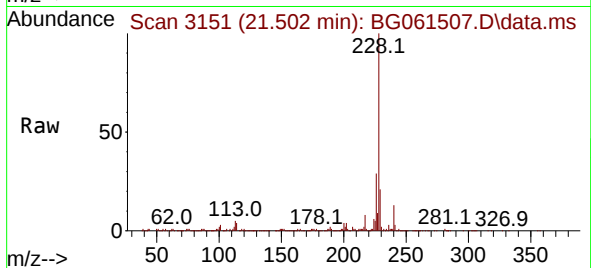
Tgt Ion:228 Resp: 30090

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.2	22.8
226	28.7	21.4	32.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 7.045 ng/ul

RT: 21.408 min Scan# 3135

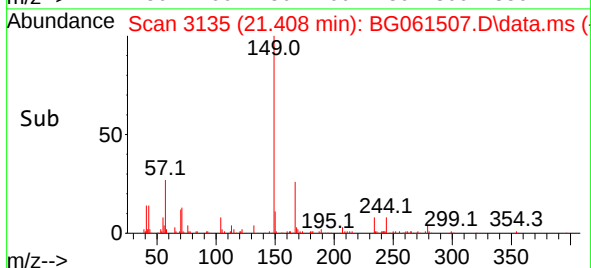
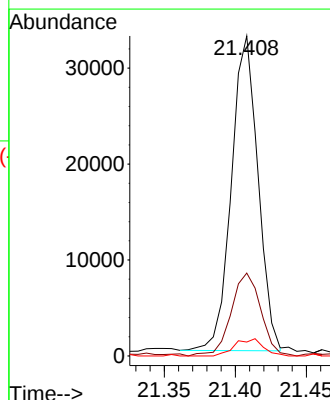
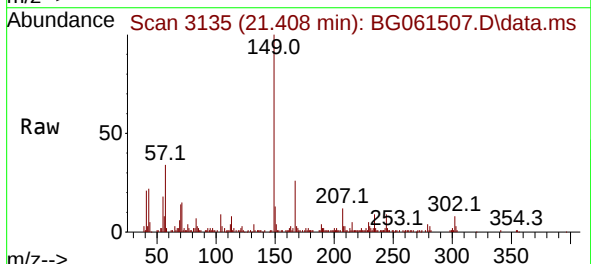
Delta R.T. 0.001 min

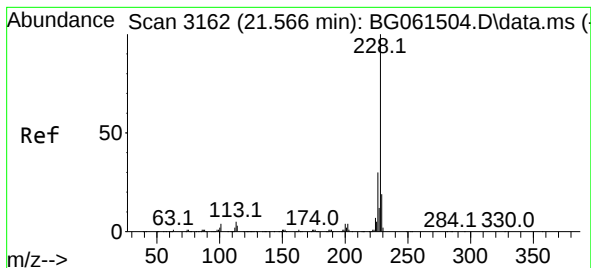
Lab File: BG061507.D

Acq: 6 Jun 2024 12:53

Tgt Ion:149 Resp: 42694

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.1	31.7
279	4.3	3.3	4.9





#87

Chrysene

Concen: 29.160 ng/ul

RT: 21.567 min Scan# 3162

Delta R.T. 0.001 min

Lab File: BG061507.D

Acq: 6 Jun 2024 12:53

Instrument :

BNA_G

ClientSampleId :

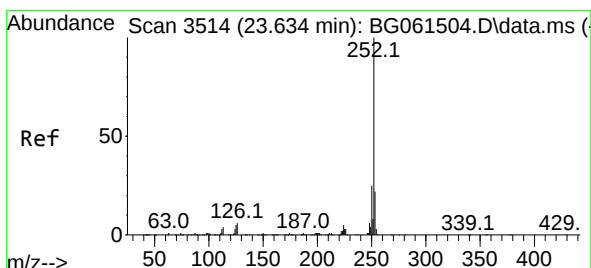
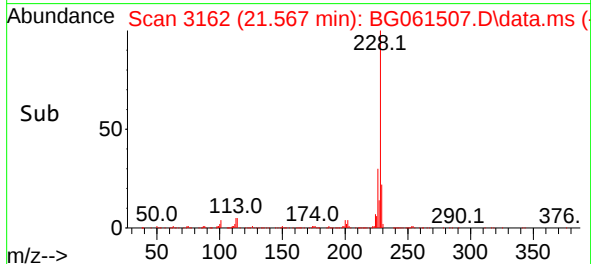
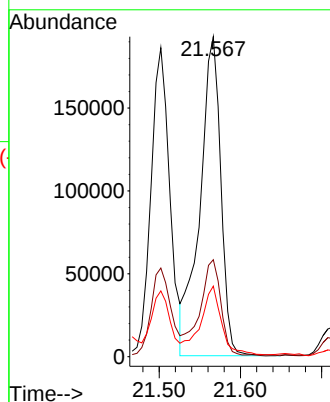
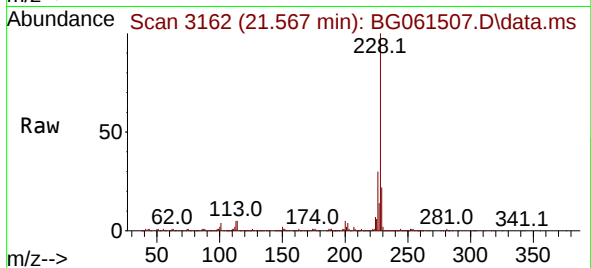
BHBZ3

Tgt Ion:	228	Resp:	34534
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	22.0	15.4	23.2

Manual Integrations

APPROVED

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



#90

Benzo(b)fluoranthene

Concen: 37.069 ng/ul

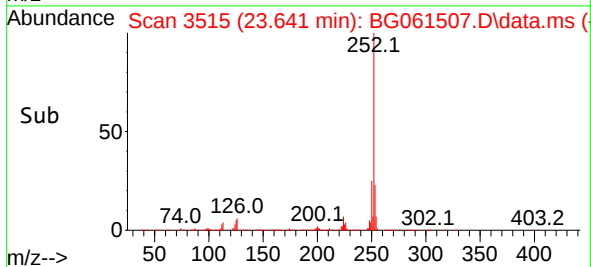
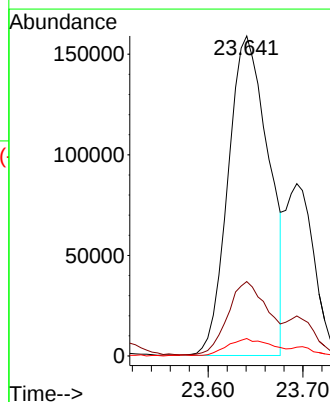
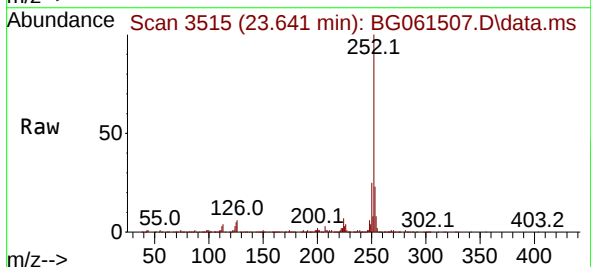
RT: 23.641 min Scan# 3515

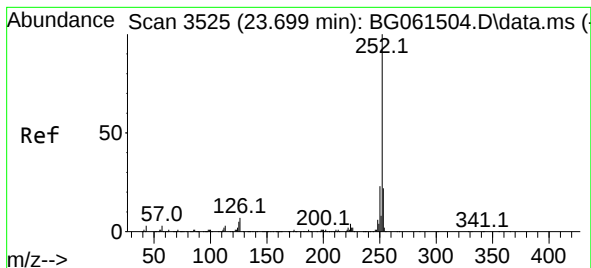
Delta R.T. 0.006 min

Lab File: BG061507.D

Acq: 6 Jun 2024 12:53

Tgt Ion:	252	Resp:	472547
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.8
125	5.5	4.6	6.8





#91

Benzo(k)fluoranthene

Concen: 13.850 ng/ul m

RT: 23.694 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG061507.D

Acq: 6 Jun 2024 12:53

Instrument :

BNA_G

ClientSampleId :

BHBZ3

Tgt Ion:252 Resp: 17923

Ion Ratio Lower Upper

252 100

253 23.2 16.0 24.0

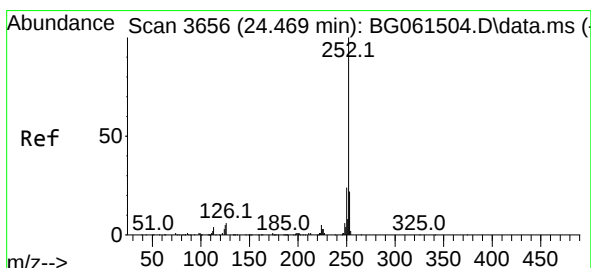
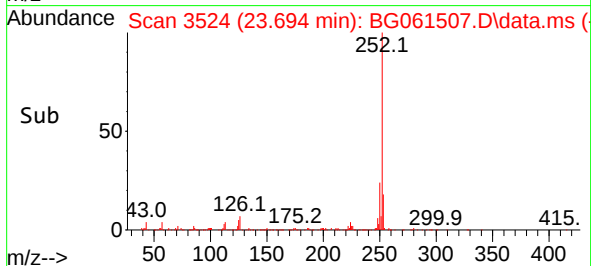
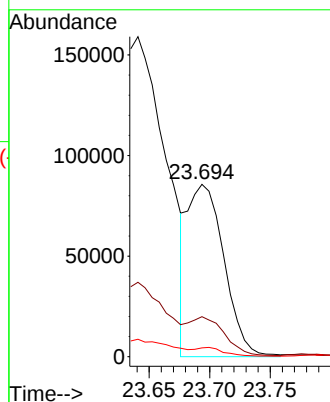
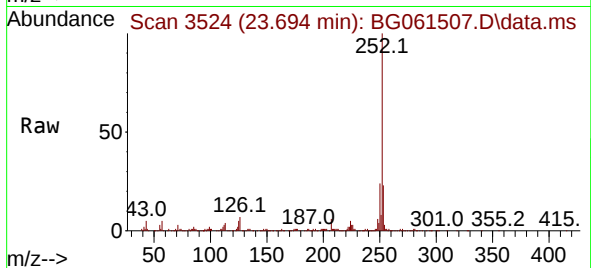
125 5.1 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024

Supervised By :mohammad ahmed 06/08/2024



#93

Benzo(a)pyrene

Concen: 16.606 ng/ul

RT: 24.469 min Scan# 3656

Delta R.T. 0.001 min

Lab File: BG061507.D

Acq: 6 Jun 2024 12:53

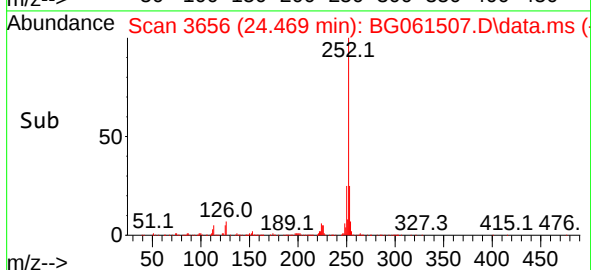
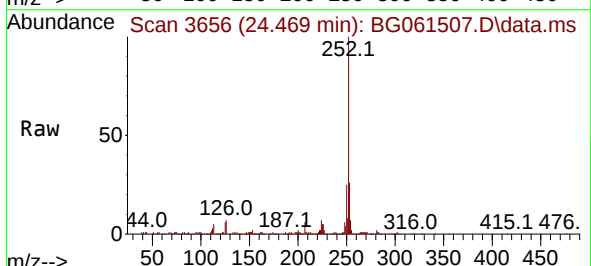
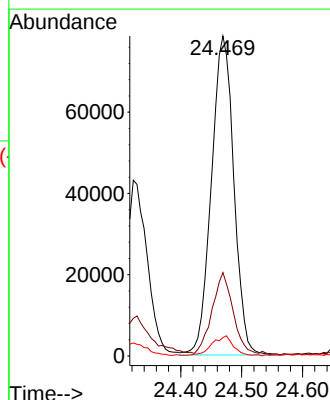
Tgt Ion:252 Resp: 201007

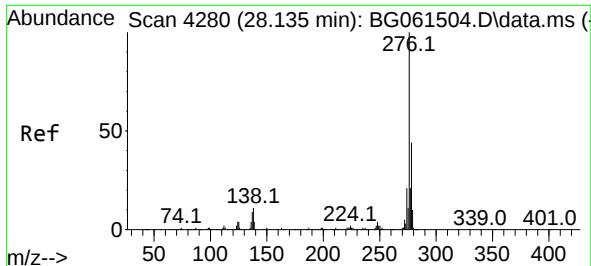
Ion Ratio Lower Upper

252 100

253 26.1 16.4 24.6

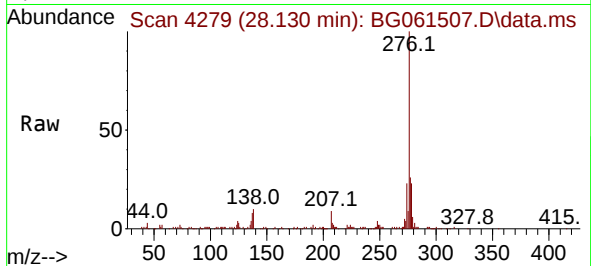
125 5.7 4.3 6.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 13.123 ng/ul
RT: 28.130 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG061507.D
Acq: 6 Jun 2024 12:53

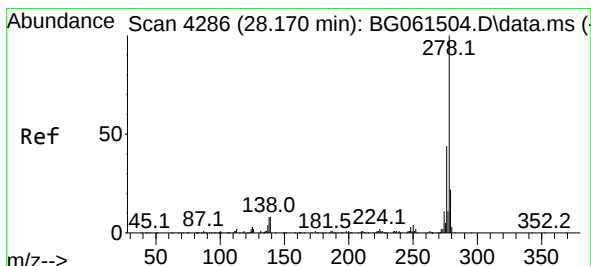
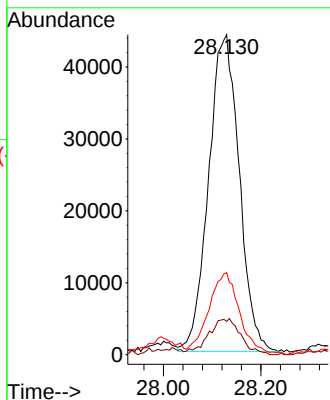
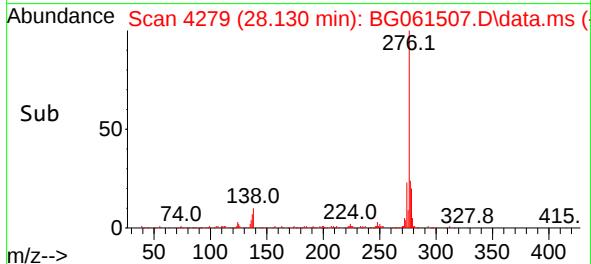
Instrument :
BNA_G
ClientSampleId :
BHBZ3



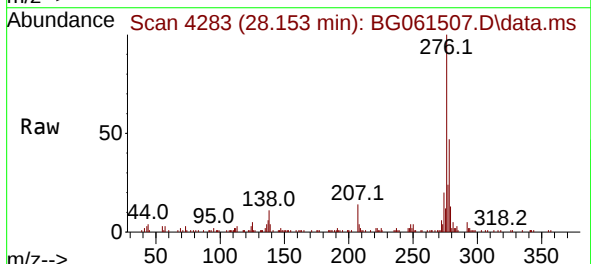
Tgt Ion:276 Resp: 192094
Ion Ratio Lower Upper
276 100
138 10.4 8.6 13.0
277 25.6 19.7 29.5

Manual Integrations
APPROVED

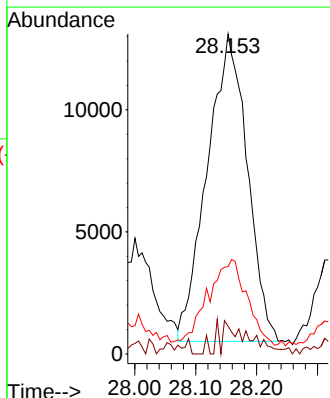
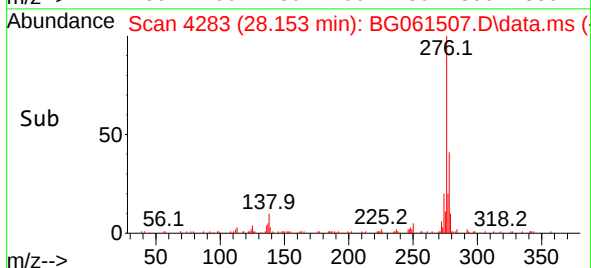
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

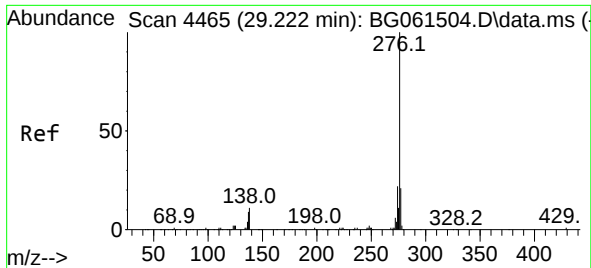


#95
Dibenzo(a,h)anthracene
Concen: 4.757 ng/ul
RT: 28.153 min Scan# 4283
Delta R.T. -0.017 min
Lab File: BG061507.D
Acq: 6 Jun 2024 12:53



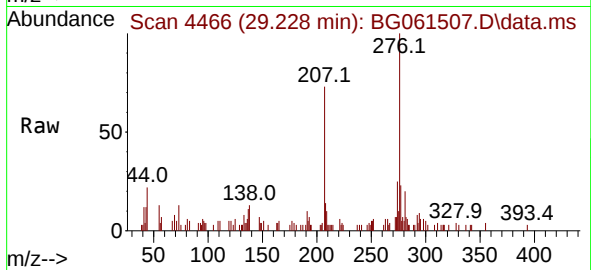
Tgt Ion:278 Resp: 57419
Ion Ratio Lower Upper
278 100
139 8.7 6.4 9.6
279 27.3 19.9 29.9





#96
Benzo(g,h,i)perylene
Concen: 2.602 ng/ul m
RT: 29.228 min Scan# 44
Delta R.T. 0.006 min
Lab File: BG061507.D
Acq: 6 Jun 2024 12:53

Instrument :
BNA_G
ClientSampleId :
BHBZ3



Tgt Ion:276 Resp: 3030
Ion Ratio Lower Upper
276 100
138 12.8 8.7 13.1
277 22.7 18.2 27.2

Manual Integrations
APPROVED

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

