

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061496.D
 Acq On : 5 Jun 2024 21:22
 Operator : MA/JU
 Sample : P2623-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR7

Quant Time: Jun 05 23:18:36 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 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	28255	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	109584	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.509	164	82530	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	186371	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.525	240	207328	20.000	ng/u1	# 0.01
88) Perylene-d12	24.615	264	233460	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	1408	2.789	ng/uL	0.00
4) Pyridine-d5	3.740	84	12222	6.804	ng/u1	0.00
7) Phenol-d5	7.065	99	50078	21.582	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	31793	21.800	ng/u1	0.00
11) 2-Chlorophenol-d4	7.412	132	41081	23.923	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	36355	18.375	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	20708	24.544	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	23970	24.275	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	47228	24.534	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	24264	9.634	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	147914	23.108	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	162856	24.473	ng/u1	0.00
54) 4-Nitrophenol-d4	14.768	143	14430	18.235	ng/u1	0.03
60) Fluorene-d10	15.508	176	132916	24.052	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	16696	14.812	ng/u1	0.01
73) Anthracene-d10	17.359	188	222337	27.060	ng/u1	0.00
81) Pyrene-d10	19.656	212	251546	23.630	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.404	264	222298	19.806	ng/u1	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.720	128	6574	1.137	ng/u1	95
52) Acenaphthene	14.574	153	10992	2.271	ng/u1	92
56) Dibenzofuran	14.909	168	13001	1.878	ng/u1	98
61) Fluorene	15.561	166	15129	2.526	ng/u1	96
72) Phenanthrene	17.306	178	334559	36.986	ng/u1	99
74) Anthracene	17.394	178	65468	7.000	ng/u1	98
77) Carbazole	17.670	167	33648	4.423	ng/u1	100
78) Di-n-butylphthalate	18.223	149	11171	1.172	ng/u1#	95
80) Fluoranthene	19.327	202	645931	50.580	ng/u1	98
82) Pyrene	19.686	202	448114	33.805	ng/u1	98
83) Butylbenzylphthalate	20.573	149	4754	1.044	ng/u1	98
85) Benzo(a)anthracene	21.501	228	346349	24.211	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.407	149	48863	7.249	ng/u1#	96
87) Chrysene	21.566	228	312460	23.721	ng/u1	97
90) Benzo(b)fluoranthene	23.640	252	409071	29.429	ng/u1	99
91) Benzo(k)fluoranthene	23.693	252	139518m	9.887	ng/u1	
93) Benzo(a)pyrene	24.468	252	163750	12.406	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	28.123	276	114216m	7.156	ng/u1	
95) Dibenzo(a,h)anthracene	28.152	278	37286	2.833	ng/u1	92
96) Benzo(g,h,i)perylene	29.233	276	16031m	1.262	ng/u1	

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

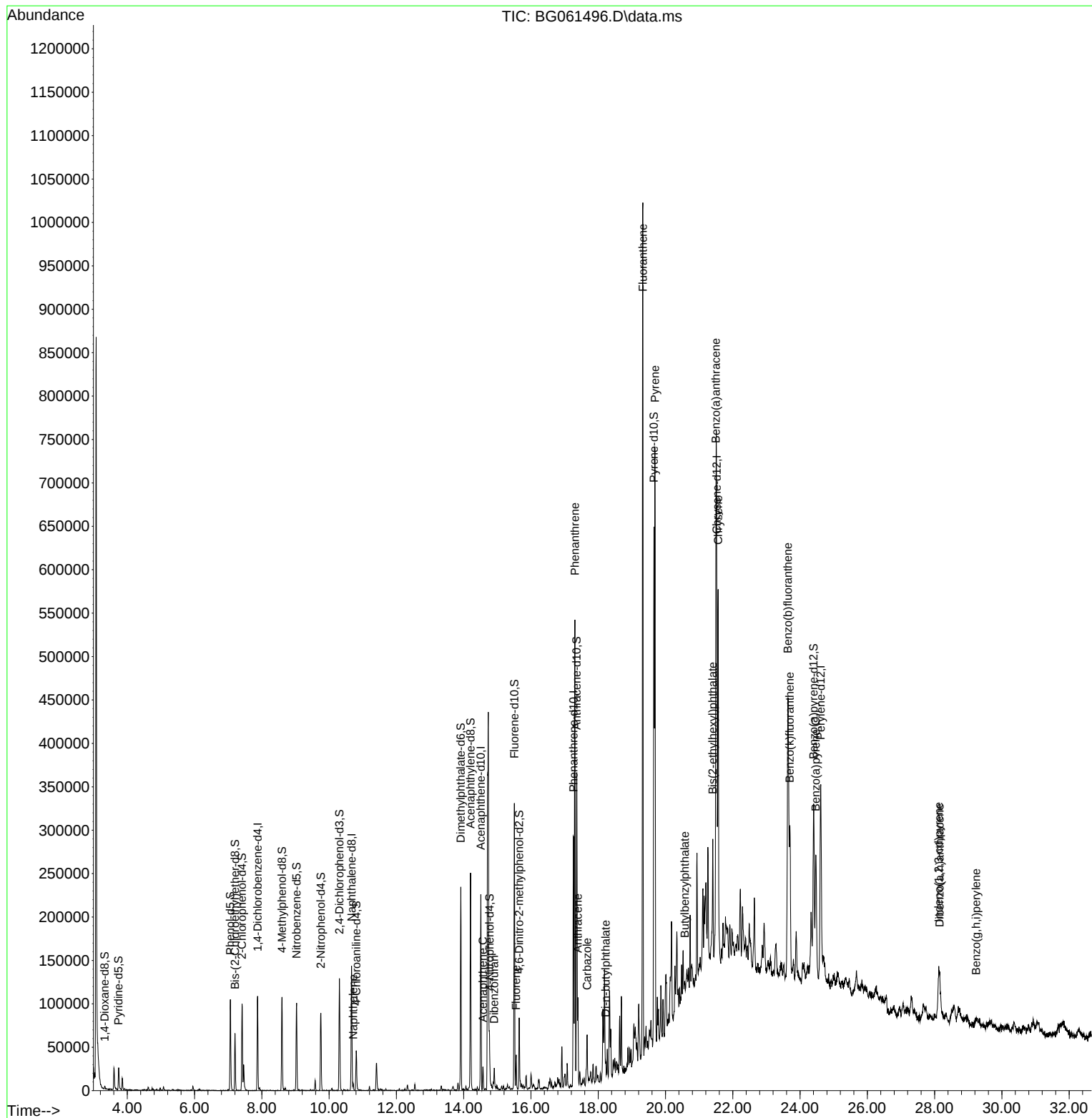
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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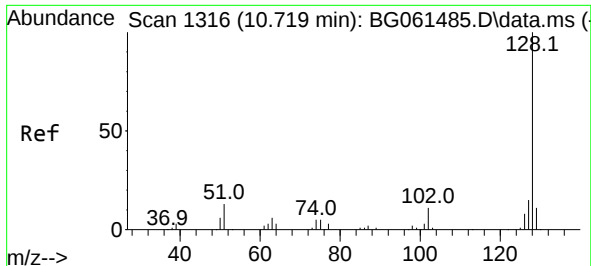
Instrument :
 BNA_G
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Quant Time: Jun 05 23:18:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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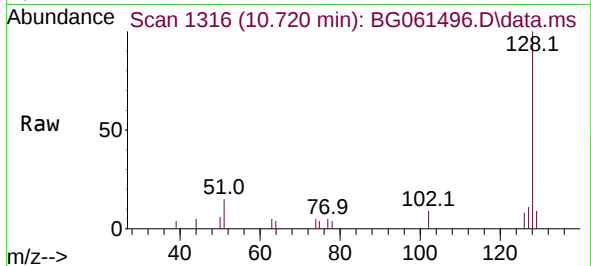
Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024





#30
Naphthalene
Concen: 1.137 ng/ul
RT: 10.720 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

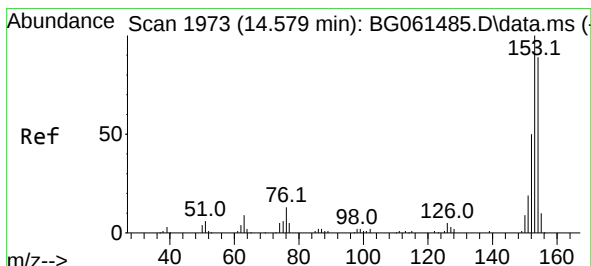
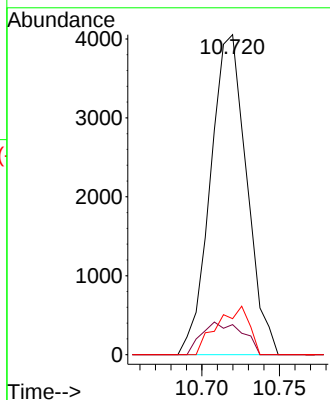
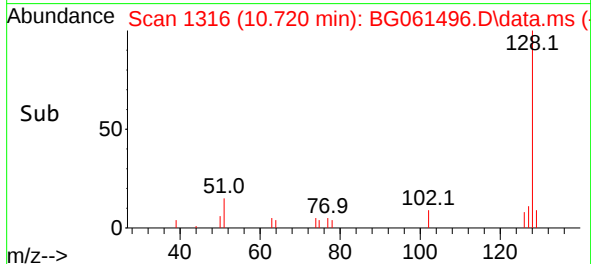
Instrument :
BNA_G
ClientSampleId :
BHBR7



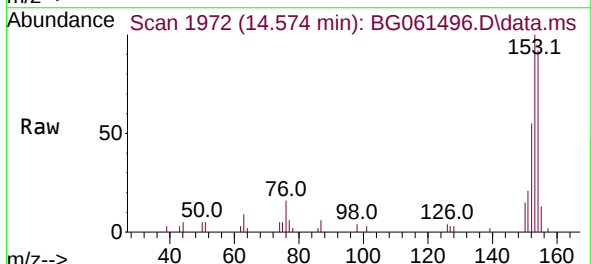
Tgt Ion:128 Resp: 6574
Ion Ratio Lower Upper
128 100
129 9.4 8.6 12.8
127 11.2 10.8 16.2

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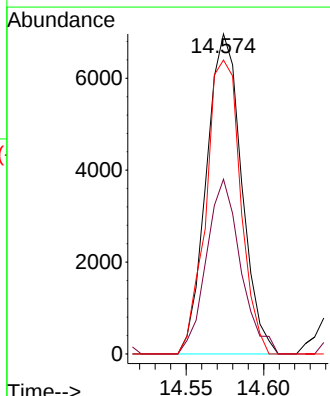
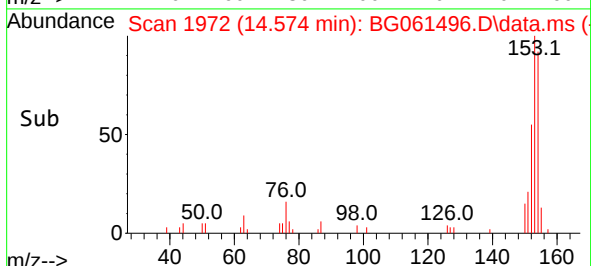
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

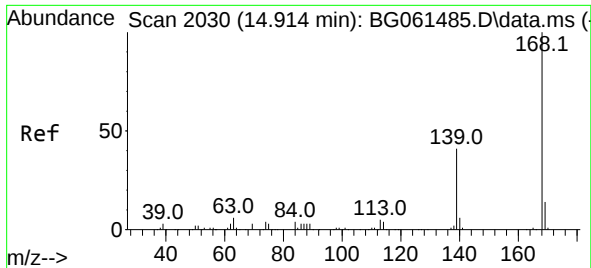


#52
Acenaphthene
Concen: 2.271 ng/ul
RT: 14.574 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22



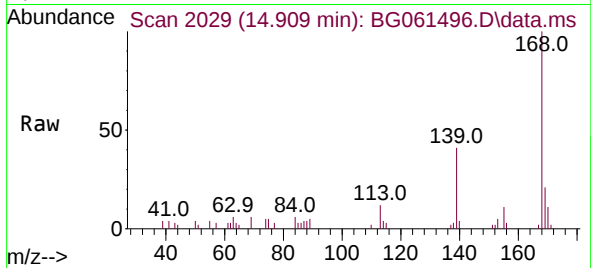
Tgt Ion:153 Resp: 10992
Ion Ratio Lower Upper
153 100
152 54.6 37.8 56.8
154 91.8 69.0 103.6





#56
Dibenzenofuran
Concen: 1.878 ng/ul
RT: 14.909 min Scan# 2030
Delta R.T. 0.001 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

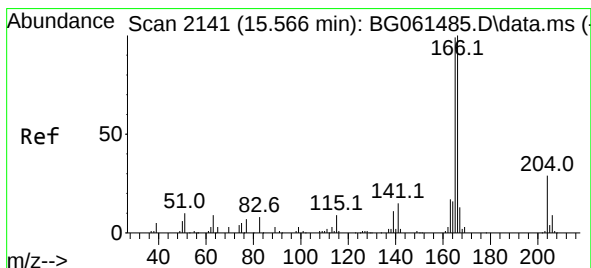
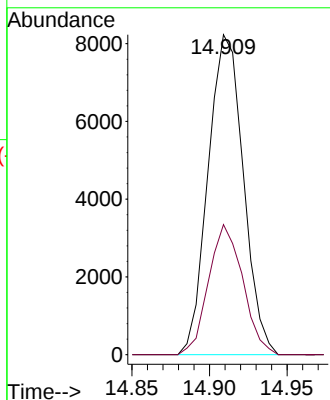
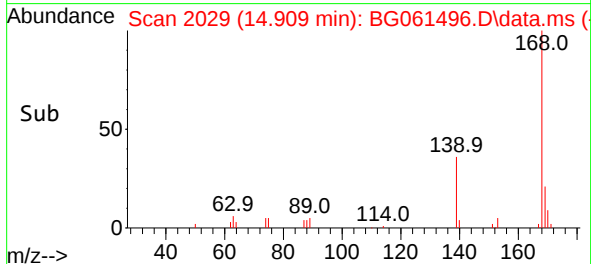
Instrument :
BNA_G
ClientSampleId :
BHBR7



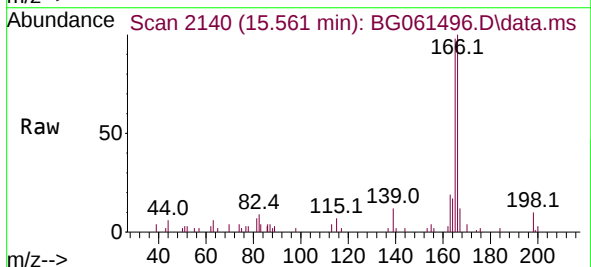
Tgt Ion:168 Resp: 1300
Ion Ratio Lower Upper
168 100
139 40.7 33.4 50.2

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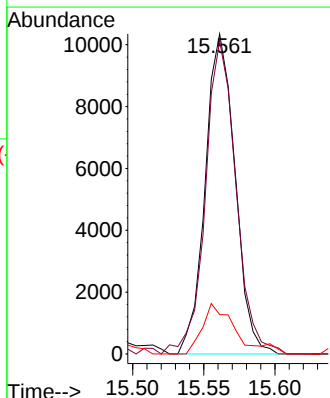
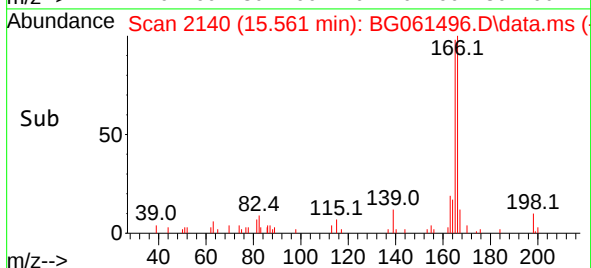
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

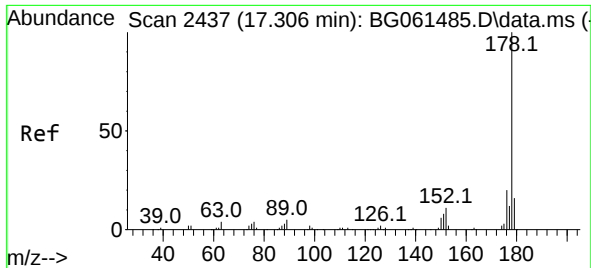


#61
Fluorene
Concen: 2.526 ng/ul
RT: 15.561 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22



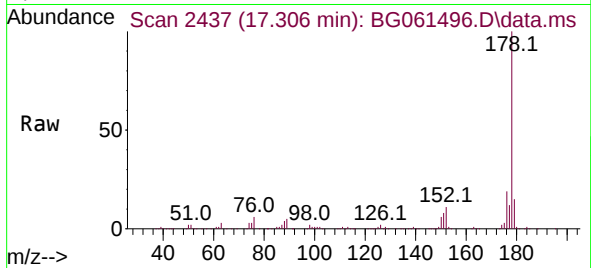
Tgt Ion:166 Resp: 15129
Ion Ratio Lower Upper
166 100
165 97.9 81.8 122.8
167 12.3 10.6 16.0





#72
Phenanthrene
Concen: 36.986 ng/uI
RT: 17.306 min Scan# 2437
Delta R.T. 0.007 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

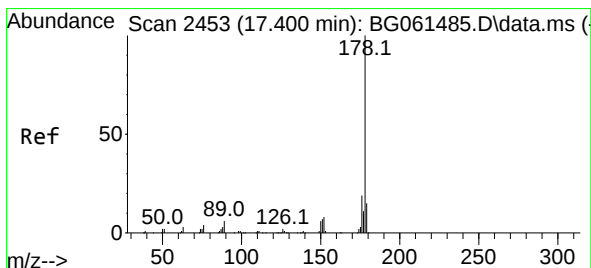
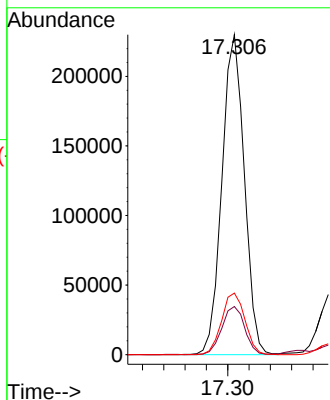
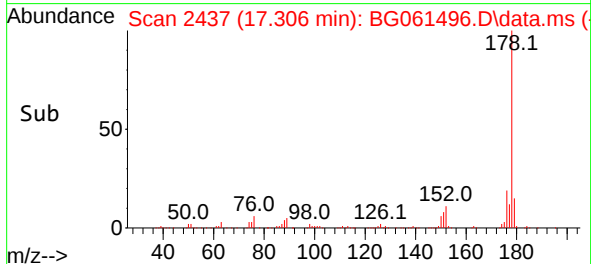
Instrument :
BNA_G
ClientSampleId :
BHBR7



Tgt Ion:178 Resp: 334559
Ion Ratio Lower Upper
178 100
179 15.0 12.7 19.1
176 19.2 15.5 23.3

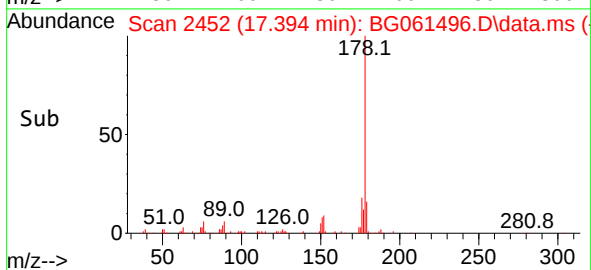
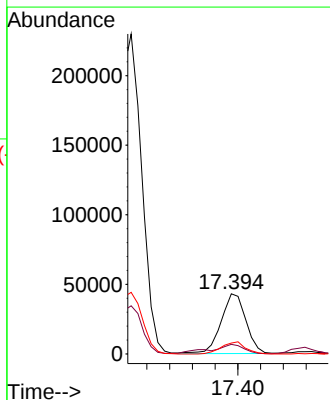
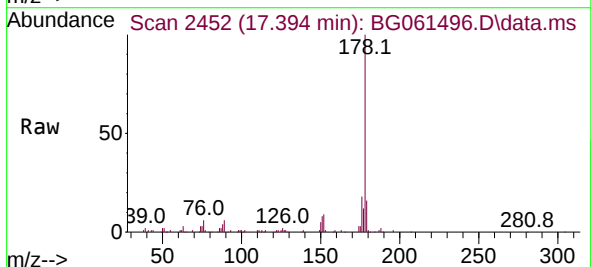
Manual Integrations
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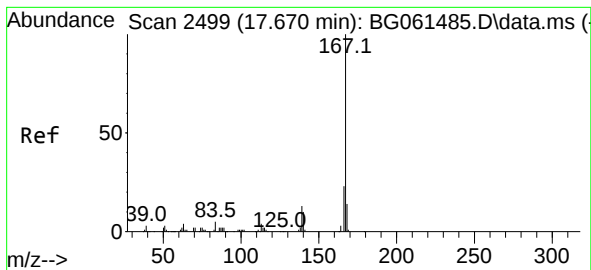
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#74
Anthracene
Concen: 7.000 ng/uI
RT: 17.394 min Scan# 2452
Delta R.T. 0.001 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

Tgt Ion:178 Resp: 65468
Ion Ratio Lower Upper
178 100
179 16.0 11.8 17.6
176 18.0 14.9 22.3





#77

Carbazole

Concen: 4.423 ng/ul

RT: 17.670 min Scan# 2499

Delta R.T. 0.007 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

Instrument :

BNA_G

ClientSampleId :

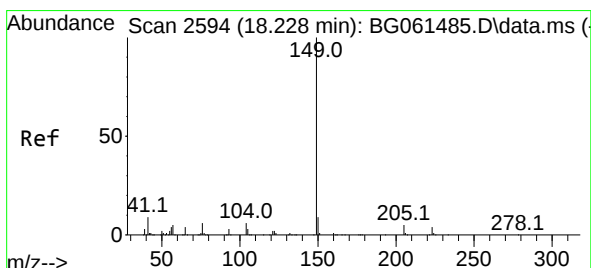
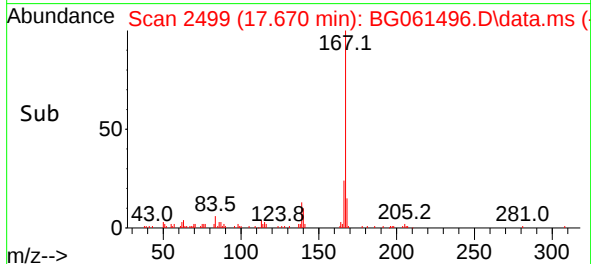
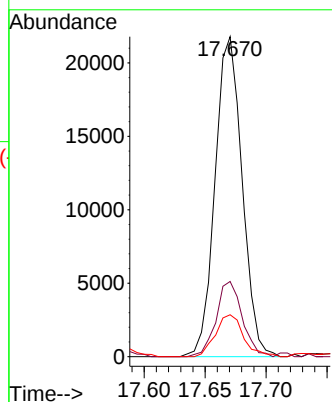
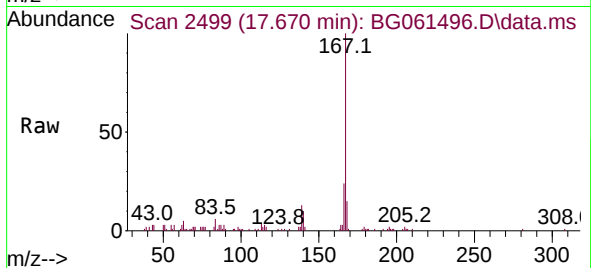
BHBR7

Tgt Ion:167	Resp:	3364
Ion Ratio	Lower	Upper
167	100	
166	23.5	18.6 28.0
139	13.1	10.6 15.8

Manual Integrations

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



#78

Di-n-butylphthalate

Concen: 1.172 ng/ul

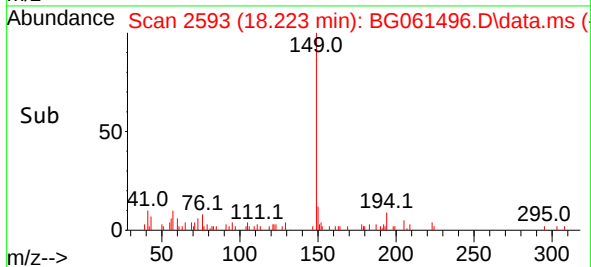
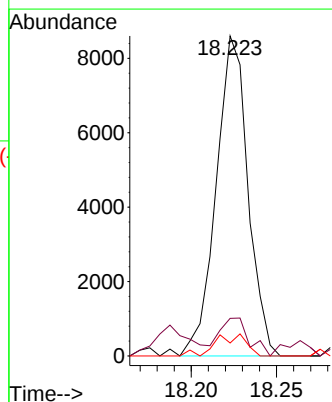
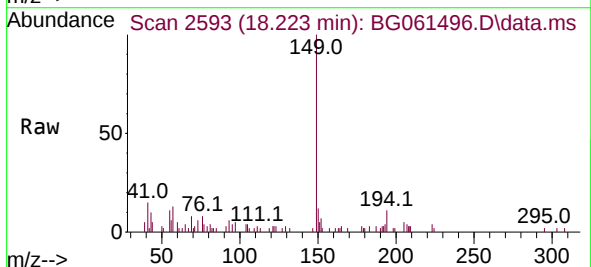
RT: 18.223 min Scan# 2593

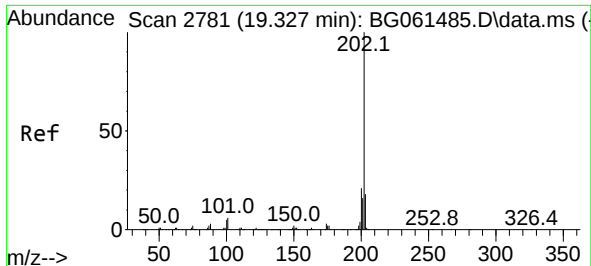
Delta R.T. 0.001 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

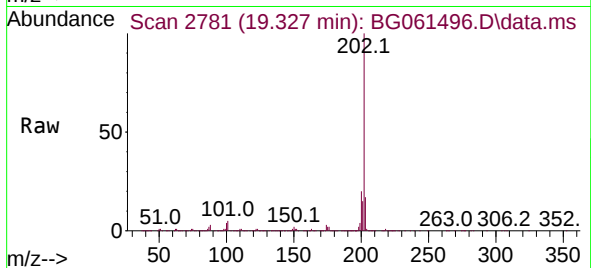
Tgt Ion:149	Resp:	11171
Ion Ratio	Lower	Upper
149	100	
150	11.7	7.8 11.8
104	4.0	4.8 7.2





#80
Fluoranthene
Concen: 50.580 ng/u1
RT: 19.327 min Scan# 21
Delta R.T. 0.013 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

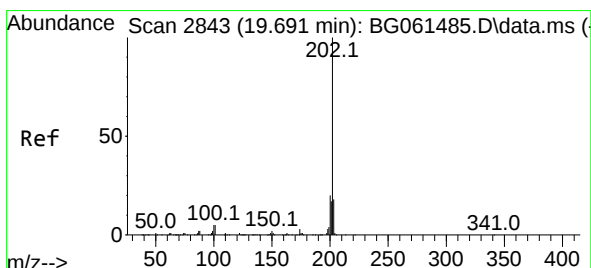
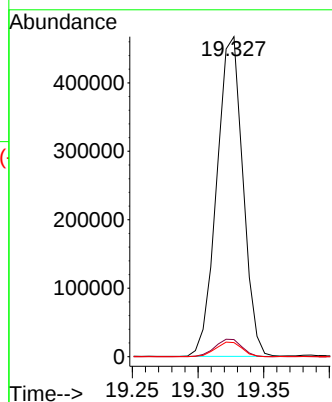
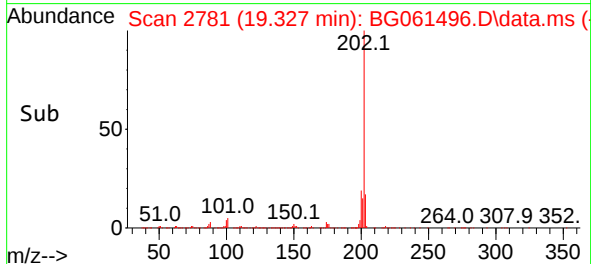
Instrument :
BNA_G
ClientSampleId :
BHBR7



Tgt Ion:202 Resp: 64593
Ion Ratio Lower Upper
202 100
101 5.4 4.8 7.2
100 4.4 4.1 6.1

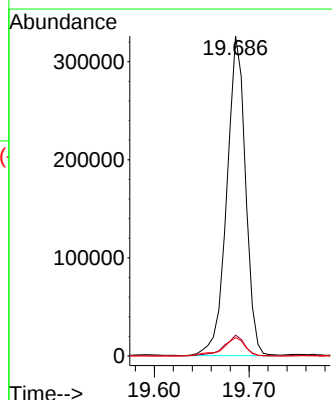
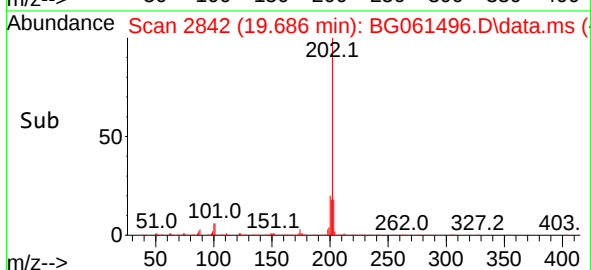
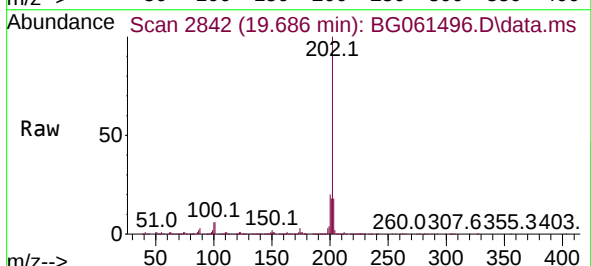
Manual Integrations
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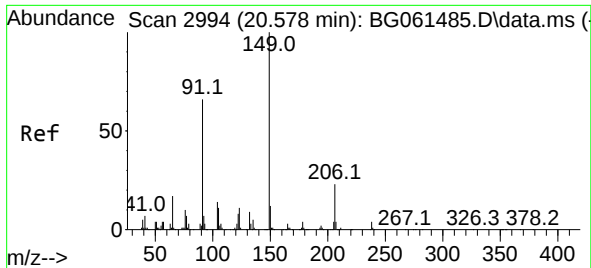
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



#82
Pyrene
Concen: 33.805 ng/u1
RT: 19.686 min Scan# 2842
Delta R.T. 0.007 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

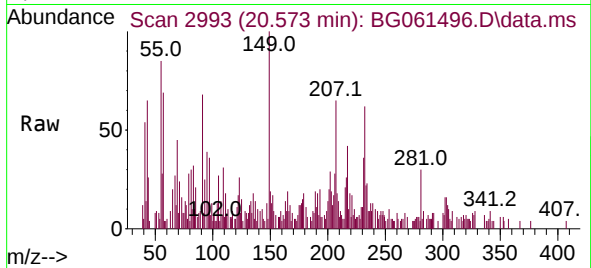
Tgt Ion:202 Resp: 448114
Ion Ratio Lower Upper
202 100
101 6.5 5.7 8.5
100 5.8 5.1 7.7





#83
Butylbenzylphthalate
Concen: 1.044 ng/ul
RT: 20.573 min Scan# 2994
Delta R.T. 0.001 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

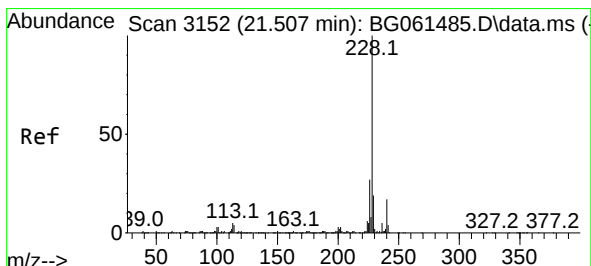
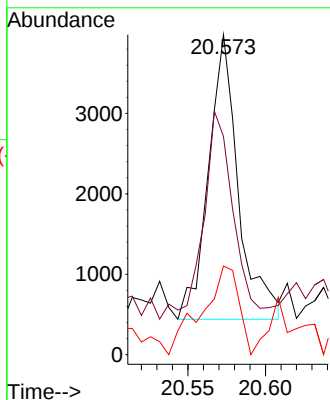
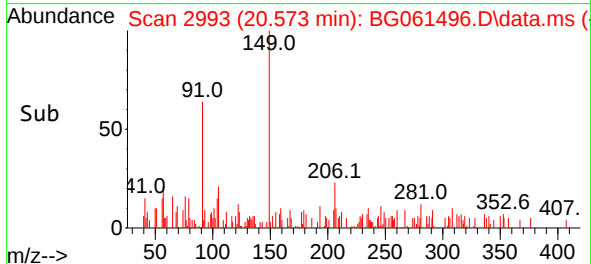
Instrument :
BNA_G
ClientSampleId :
BHBR7



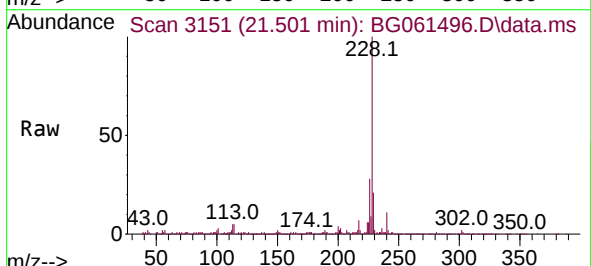
Tgt Ion:149 Resp: 4754
Ion Ratio Lower Upper
149 100
91 68.2 54.8 82.2
206 27.7 19.4 29.0

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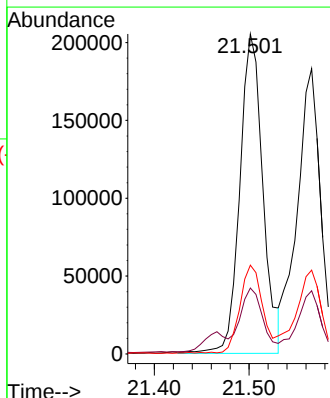
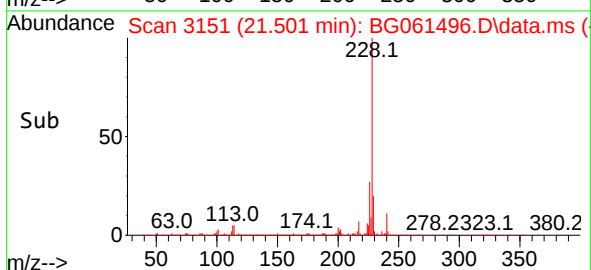
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

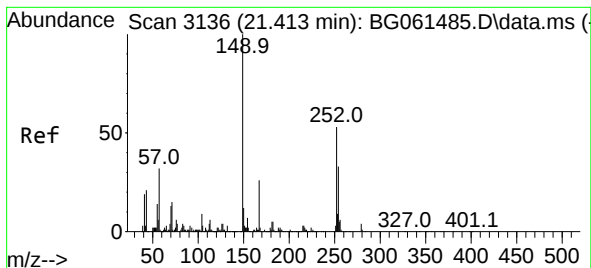


#85
Benzo(a)anthracene
Concen: 24.211 ng/ul
RT: 21.501 min Scan# 3151
Delta R.T. 0.007 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22



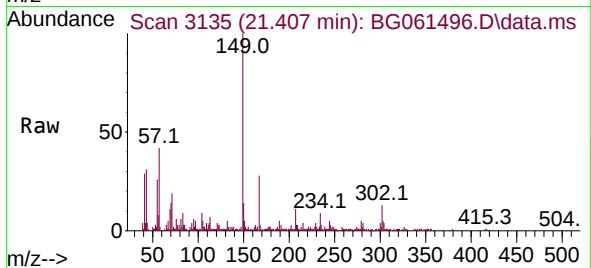
Tgt Ion:228 Resp: 346349
Ion Ratio Lower Upper
228 100
229 20.6 15.2 22.8
226 27.7 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 7.249 ng/ul
RT: 21.407 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22

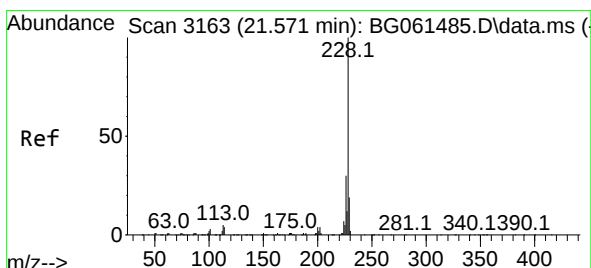
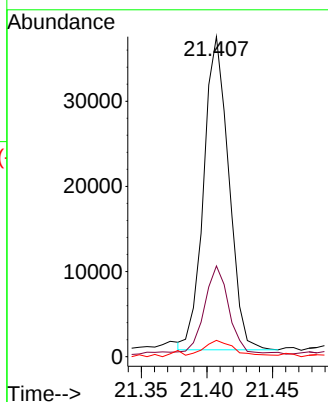
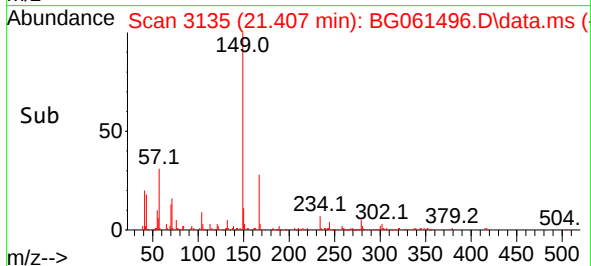
Instrument :
BNA_G
ClientSampleId :
BHBR7



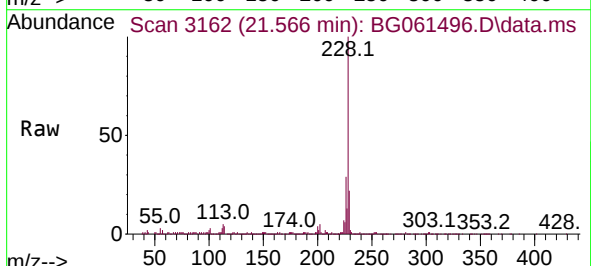
Tgt Ion:149 Resp: 4886
Ion Ratio Lower Upper
149 100
167 28.3 21.1 31.7
279 5.1 3.3 4.9

Manual Integrations
APPROVED

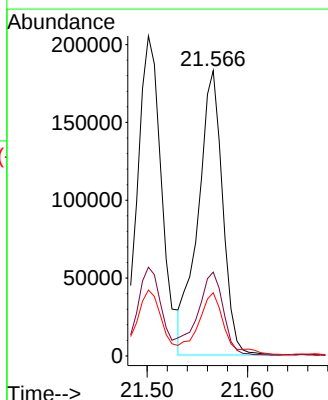
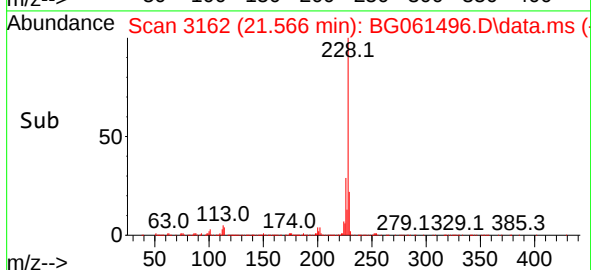
Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

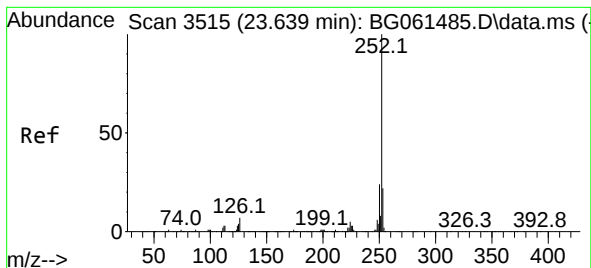


#87
Chrysene
Concen: 23.721 ng/ul
RT: 21.566 min Scan# 3162
Delta R.T. 0.013 min
Lab File: BG061496.D
Acq: 5 Jun 2024 21:22



Tgt Ion:228 Resp: 312460
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.0
229 22.2 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 29.429 ng/ul

RT: 23.640 min Scan# 3515

Delta R.T. 0.024 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

Instrument :

BNA_G

ClientSampleId :

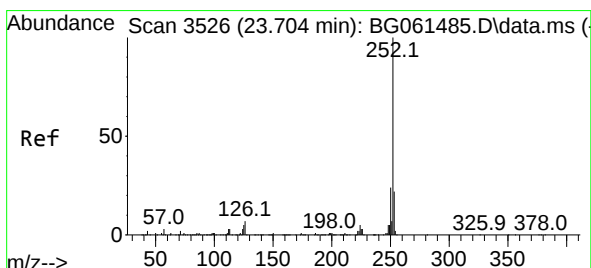
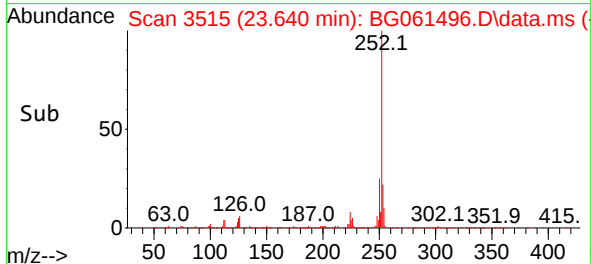
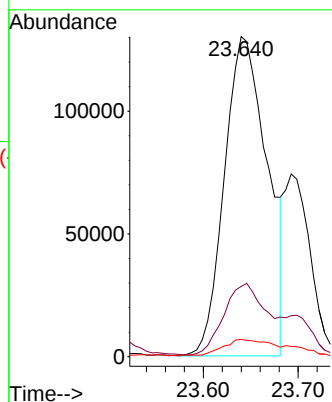
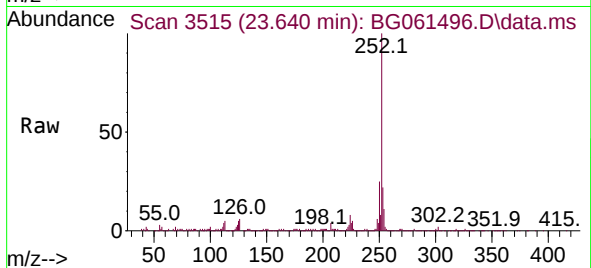
BHBR7

Tgt Ion:252 Resp: 40907
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.8 26.8
 125 5.4 4.6 6.8

Manual Integrations

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



#91

Benzo(k)fluoranthene

Concen: 9.887 ng/ul m

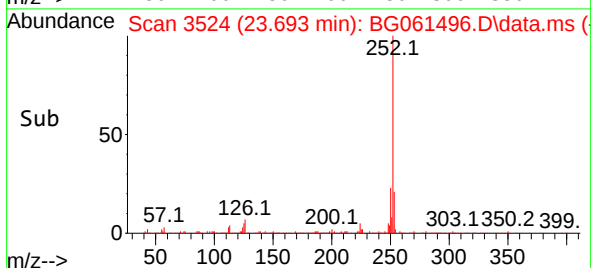
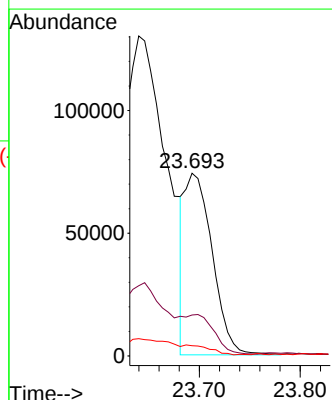
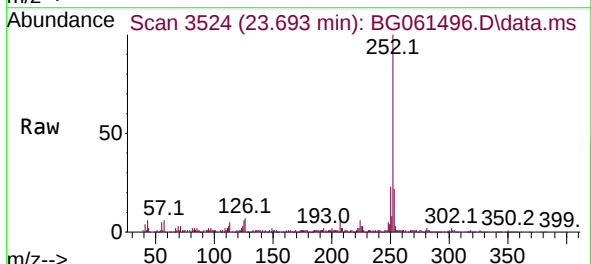
RT: 23.693 min Scan# 3524

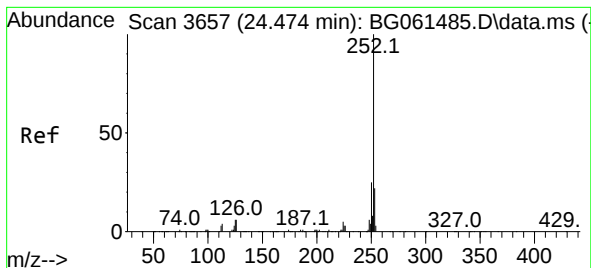
Delta R.T. 0.013 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

Tgt Ion:252 Resp: 139518
 Ion Ratio Lower Upper
 252 100
 253 22.4 16.0 24.0
 125 5.6 4.3 6.5





#93

Benzo(a)pyrene

Concen: 12.406 ng/ul

RT: 24.468 min Scan# 3

Delta R.T. 0.019 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

Instrument :

BNA_G

ClientSampleId :

BHBR7

Tgt Ion:252 Resp: 163750

Ion Ratio Lower Upper

252 100

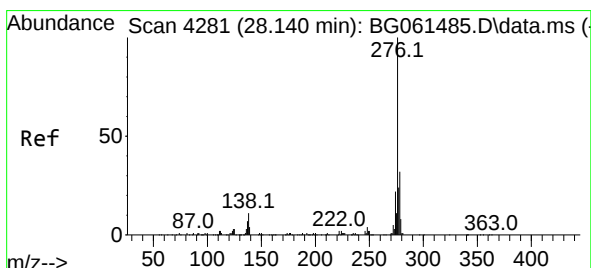
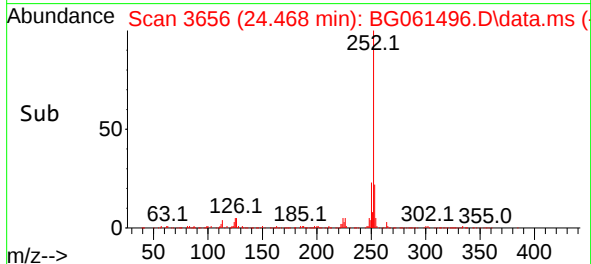
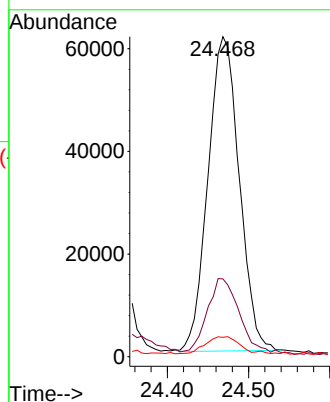
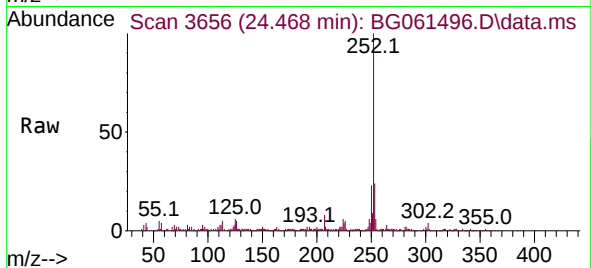
253 24.3 16.4 24.6

125 6.0 4.3 6.5

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.156 ng/ul m

RT: 28.123 min Scan# 4278

Delta R.T. 0.030 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

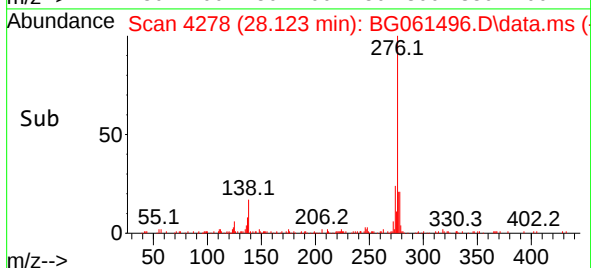
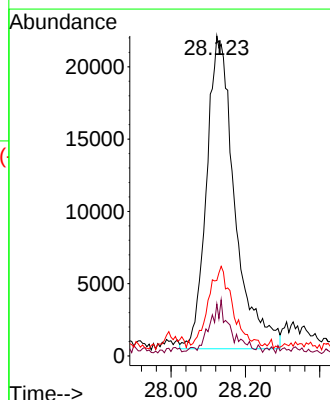
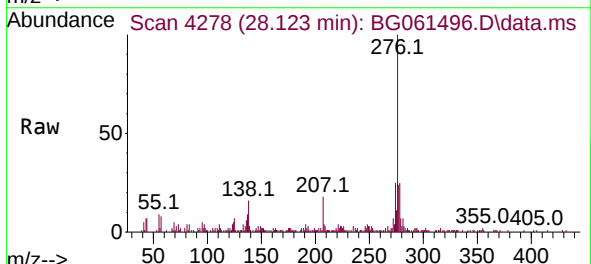
Tgt Ion:276 Resp: 114216

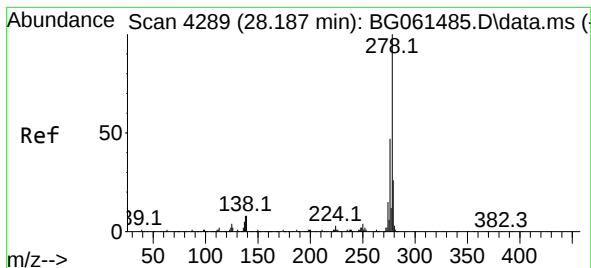
Ion Ratio Lower Upper

276 100

138 16.2 8.6 13.0#

277 23.6 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 2.833 ng/ul

RT: 28.152 min Scan# 4283

Delta R.T. 0.013 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

Instrument :

BNA_G

ClientSampleId :

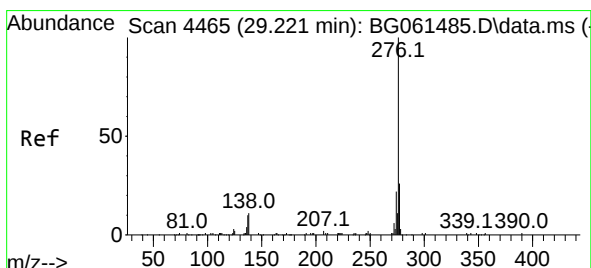
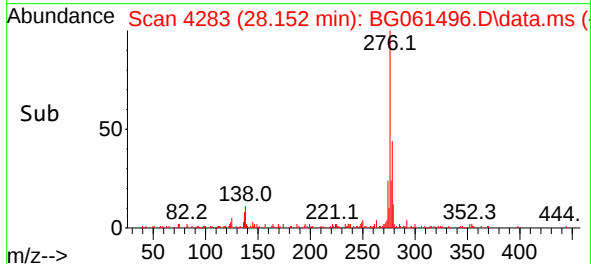
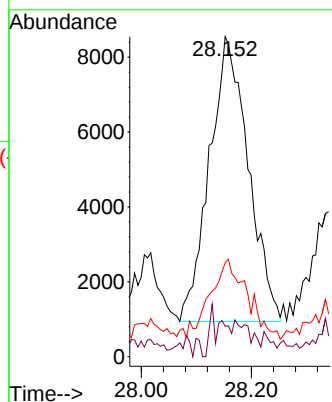
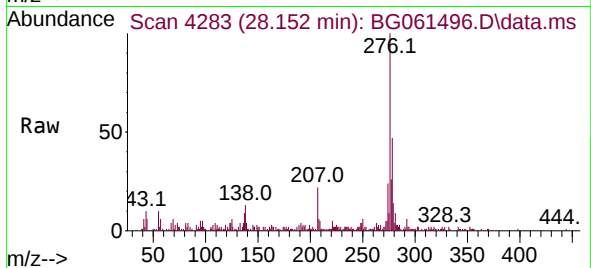
BHBR7

Tgt Ion:	278	Resp:	3728
Ion Ratio	Lower	Upper	
278	100		
139	9.5	6.4	9.6
279	29.4	19.9	29.9

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 1.262 ng/ul m

RT: 29.233 min Scan# 4467

Delta R.T. 0.060 min

Lab File: BG061496.D

Acq: 5 Jun 2024 21:22

Tgt Ion:	276	Resp:	16031
Ion Ratio	Lower	Upper	
276	100		
138	7.9	8.7	13.1#
277	30.1	18.2	27.2#

