

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061490.D
 Acq On : 5 Jun 2024 17:15
 Operator : MA/JU
 Sample : P2623-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR4

Manual Integrations
 APPROVED

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

Quant Time: Jun 05 18:09:40 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	31453	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	116026	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	86295	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	197559	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	211646	20.000	ng/u1	0.00
88) Perylene-d12	24.610	264	236275	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	2296m	4.085	ng/uL	0.00
4) Pyridine-d5	3.740	84	26943	13.475	ng/u1	0.00
7) Phenol-d5	7.066	99	53554	20.734	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.207	67	33245	20.478	ng/u1	0.00
11) 2-Chlorophenol-d4	7.412	132	42473	22.219	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	39818	18.079	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	21236	23.772	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	25519	24.409	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	50125	24.593	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	41815	15.681	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	154921	23.147	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	173335	24.911	ng/u1	0.00
54) 4-Nitrophenol-d4	14.768	143	14062	16.994	ng/u1	0.03
60) Fluorene-d10	15.503	176	133701	23.138	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	17348	14.519	ng/u1	0.02
73) Anthracene-d10	17.359	188	213315	24.491	ng/u1	0.00
81) Pyrene-d10	19.657	212	256178	23.574	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.404	264	274953	24.205	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.720	128	7794	1.273	ng/u1	97
52) Acenaphthene	14.574	153	10017	1.979	ng/u1	94
56) Dibenzofuran	14.909	168	13078	1.807	ng/u1	88
61) Fluorene	15.561	166	12601	2.012	ng/u1#	92
72) Phenanthrene	17.306	178	285597	29.785	ng/u1	100
74) Anthracene	17.395	178	55340	5.582	ng/u1	99
77) Carbazole	17.671	167	31834	3.948	ng/u1	99
78) Di-n-butylphthalate	18.223	149	12400	1.227	ng/u1#	95
80) Fluoranthene	19.322	202	499130	38.287	ng/u1	99
82) Pyrene	19.686	202	397743	29.393	ng/u1	98
85) Benzo(a)anthracene	21.502	228	253689	17.372	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.408	149	17196	2.499	ng/u1#	97
87) Chrysene	21.566	228	237228	17.642	ng/u1	97
90) Benzo(b)fluoranthene	23.640	252	298537	21.221	ng/u1	98
91) Benzo(k)fluoranthene	23.693	252	114771m	8.037	ng/u1	
93) Benzo(a)pyrene	24.469	252	199934	14.967	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.129	276	119691	7.409	ng/u1#	93
95) Dibenzo(a,h)anthracene	28.158	278	40429m	3.035	ng/u1	
96) Benzo(g,h,i)perylene	29.216	276	105181m	8.185	ng/u1	

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

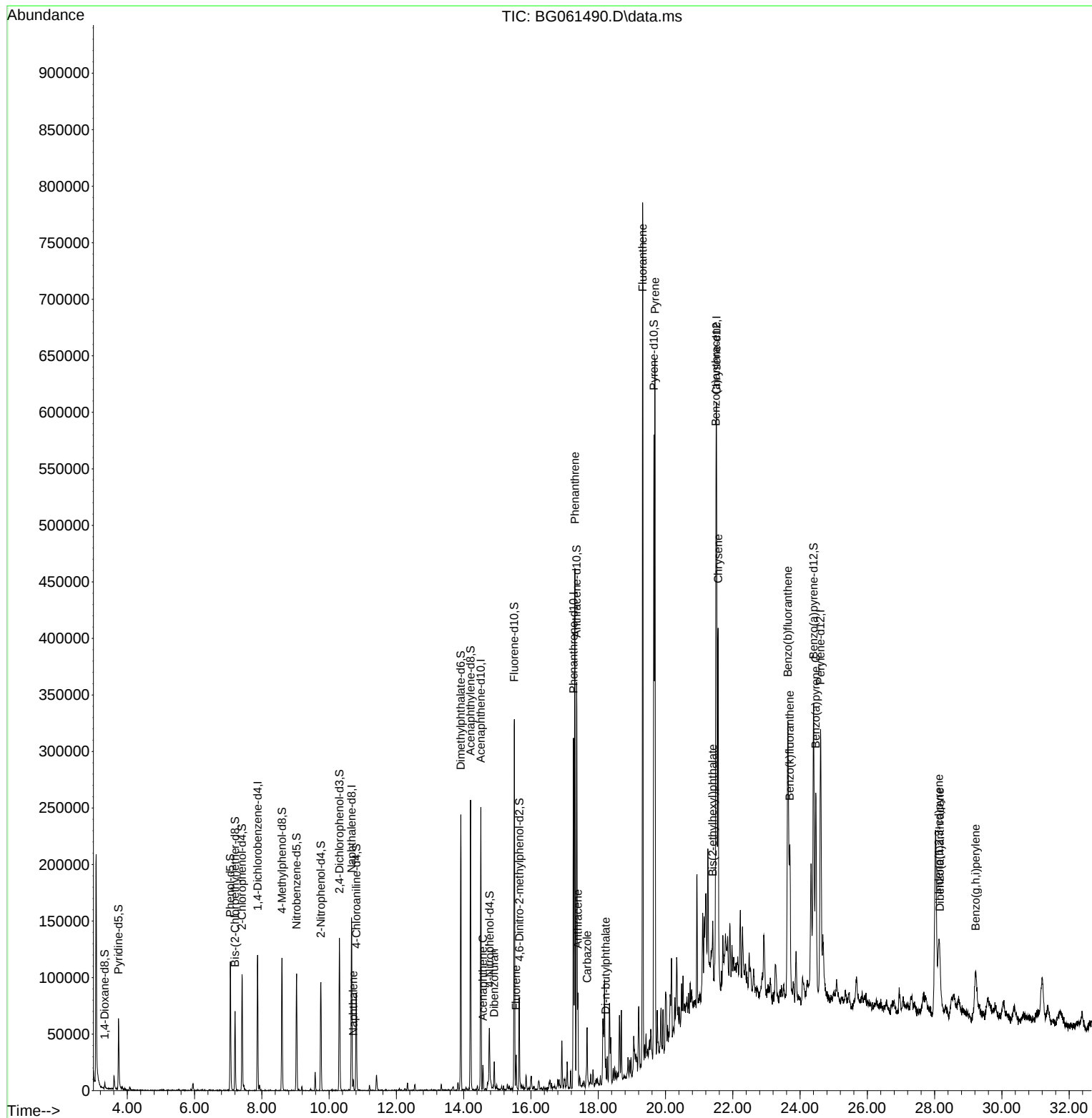
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
 Data File : BG061490.D
 Acq On : 5 Jun 2024 17:15
 Operator : MA/JU
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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

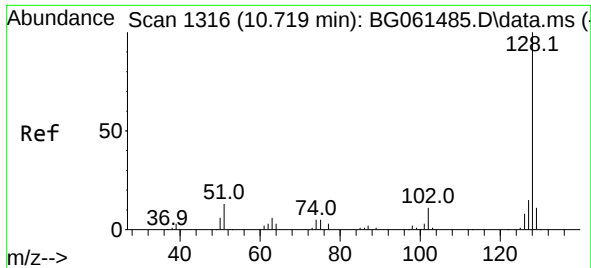
Instrument :
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 Supervised By :mohammad ahmed 06/07/2024

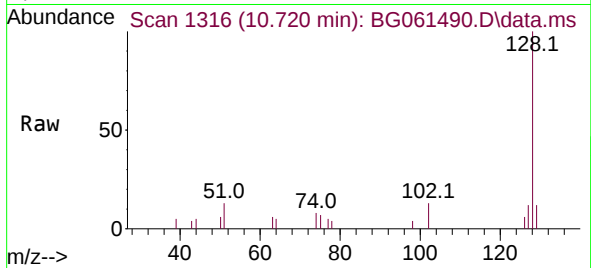
Quant Time: Jun 05 18:09:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
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#30
Naphthalene
Concen: 1.273 ng/ul
RT: 10.720 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG061490.D
Acq: 5 Jun 2024 17:15

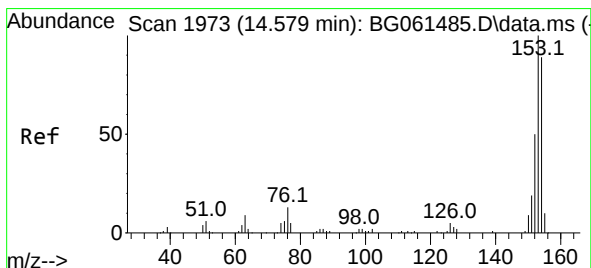
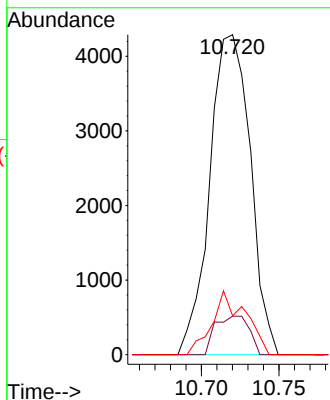
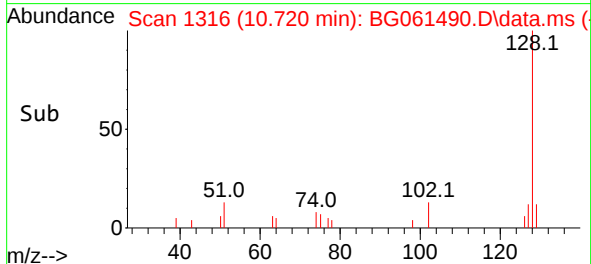
Instrument :
BNA_G
ClientSampleId :
BHBR4



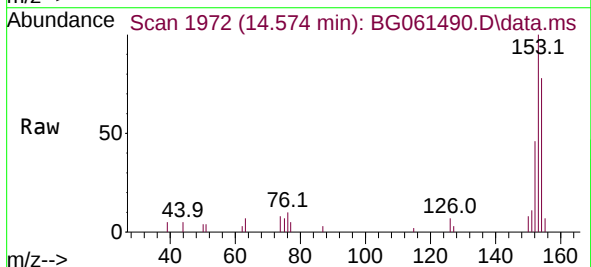
Tgt Ion:128 Resp: 7794
Ion Ratio Lower Upper
128 100
129 12.1 8.6 12.8
127 12.2 10.8 16.2

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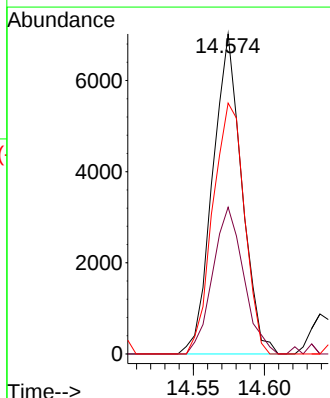
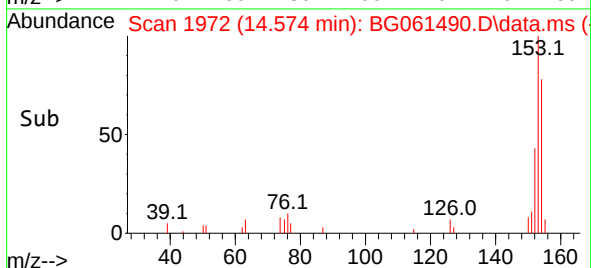
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

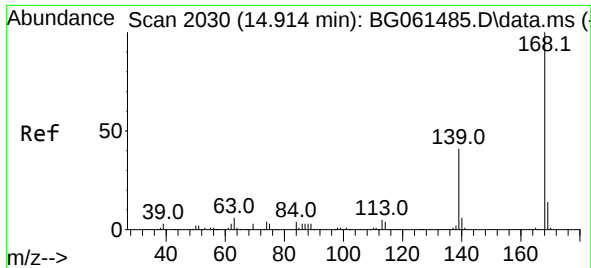


#52
Acenaphthene
Concen: 1.979 ng/ul
RT: 14.574 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG061490.D
Acq: 5 Jun 2024 17:15



Tgt Ion:153 Resp: 10017
Ion Ratio Lower Upper
153 100
152 45.8 37.8 56.8
154 78.4 69.0 103.6





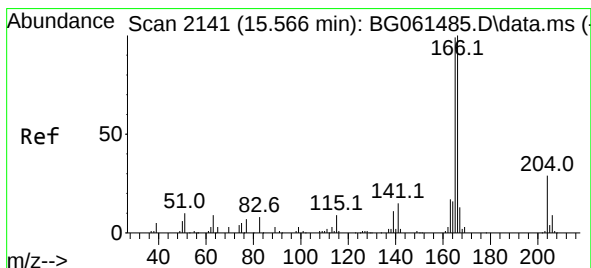
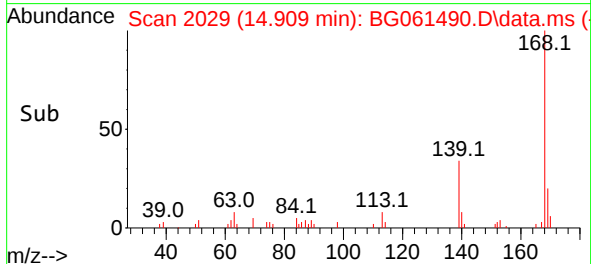
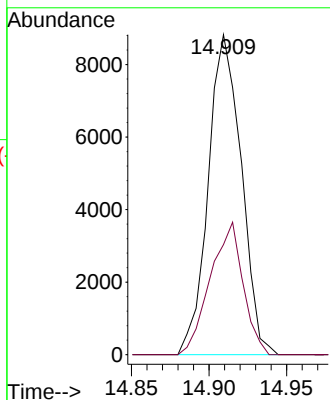
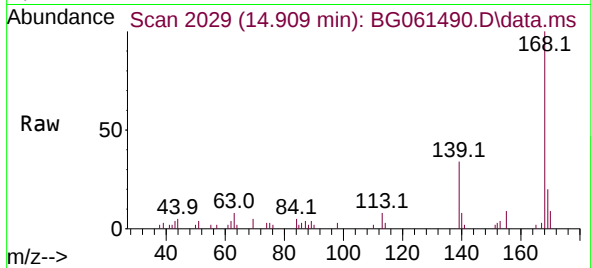
#56
Dibenzenofuran
Concen: 1.807 ng/ul
RT: 14.909 min Scan# 2030
Delta R.T. 0.001 min
Lab File: BG061490.D
Acq: 5 Jun 2024 17:15

Instrument :
BNA_G
ClientSampleId :
BHBR4

Tgt Ion:168 Resp: 13078
Ion Ratio Lower Upper
168 100
139 34.4 33.4 50.2

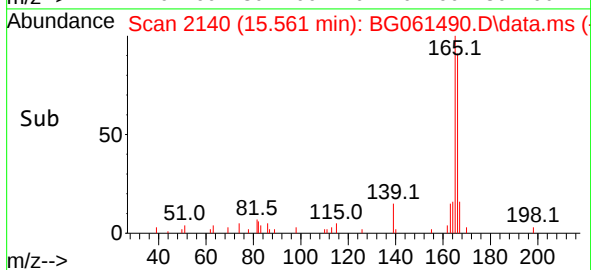
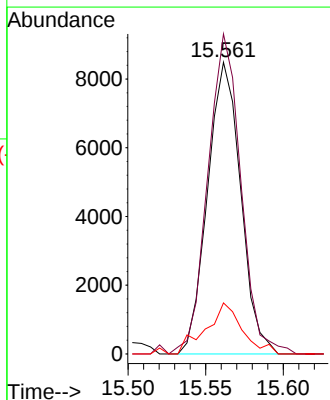
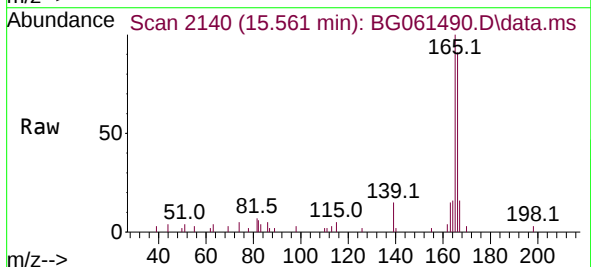
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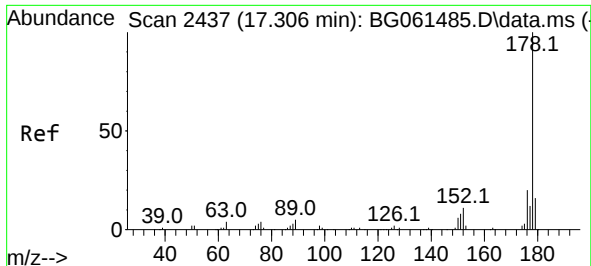
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#61
Fluorene
Concen: 2.012 ng/ul
RT: 15.561 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG061490.D
Acq: 5 Jun 2024 17:15

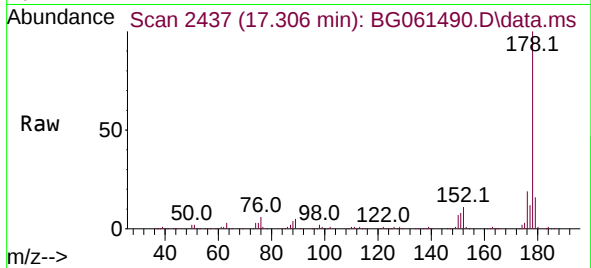
Tgt Ion:166 Resp: 12601
Ion Ratio Lower Upper
166 100
165 109.7 81.8 122.8
167 17.5 10.6 16.0#





#72
Phenanthrene
Concen: 29.785 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. 0.007 min
Lab File: BG061490.D
Acq: 5 Jun 2024 17:15

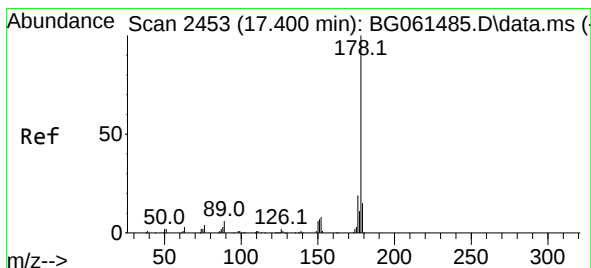
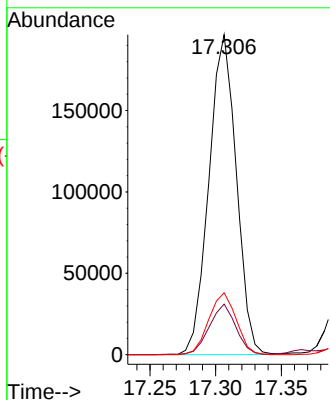
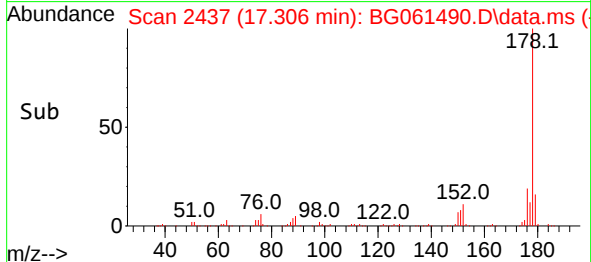
Instrument :
BNA_G
ClientSampleId :
BHBR4



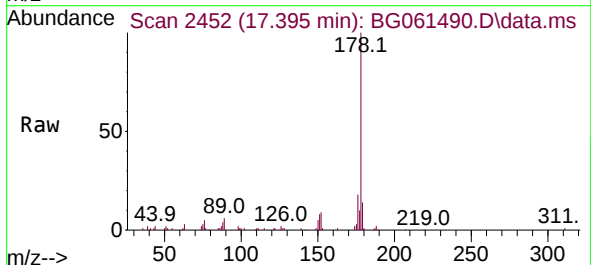
Tgt Ion:178 Resp: 28559
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.3 15.5 23.3

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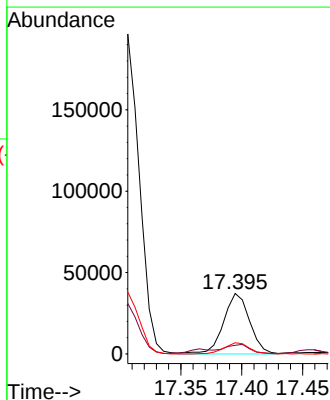
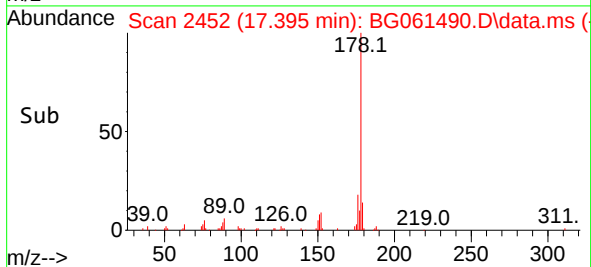
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

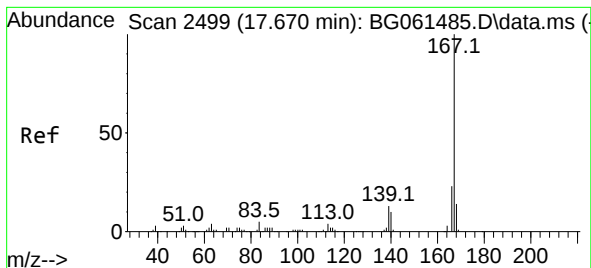


#74
Anthracene
Concen: 5.582 ng/ul
RT: 17.395 min Scan# 2452
Delta R.T. 0.001 min
Lab File: BG061490.D
Acq: 5 Jun 2024 17:15



Tgt Ion:178 Resp: 55340
Ion Ratio Lower Upper
178 100
179 14.2 11.8 17.6
176 18.5 14.9 22.3





#77

Carbazole

Concen: 3.948 ng/ul

RT: 17.671 min Scan# 2499

Delta R.T. 0.007 min

Lab File: BG061490.D

Acq: 5 Jun 2024 17:15

Instrument :

BNA_G

ClientSampleId :

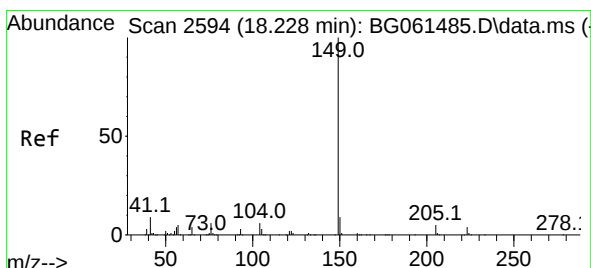
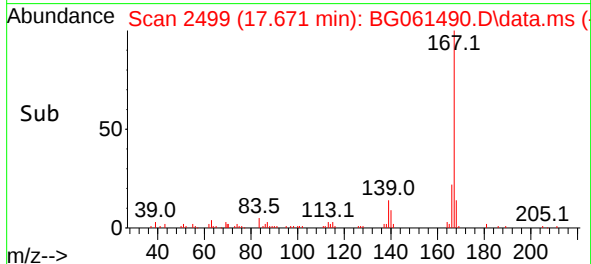
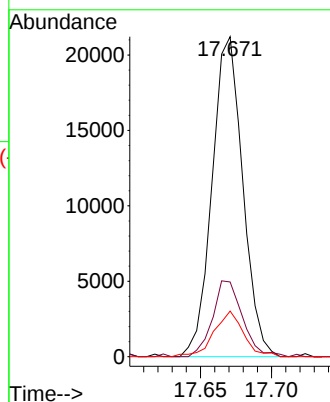
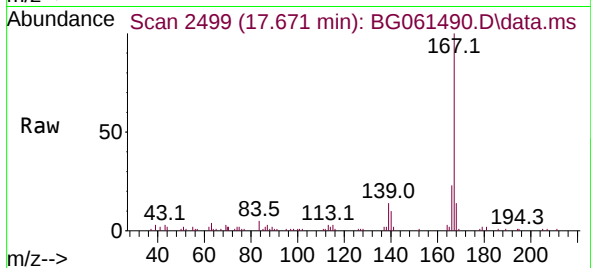
BHBR4

Tgt Ion:167	Resp:	31834
Ion Ratio	Lower	Upper
167	100	
166	23.3	18.6 28.0
139	14.3	10.6 15.8

Manual Integrations

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#78

Di-n-butylphthalate

Concen: 1.227 ng/ul

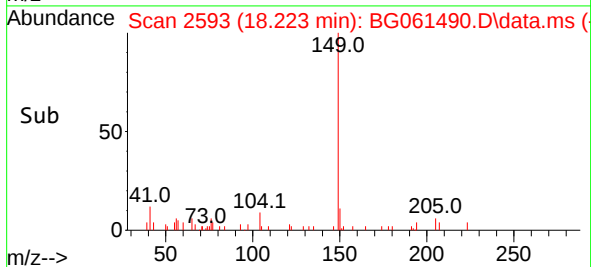
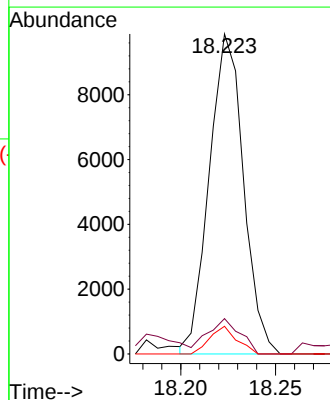
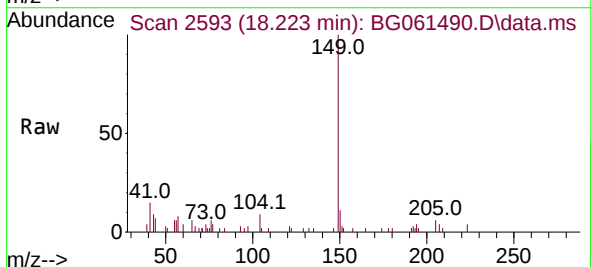
RT: 18.223 min Scan# 2593

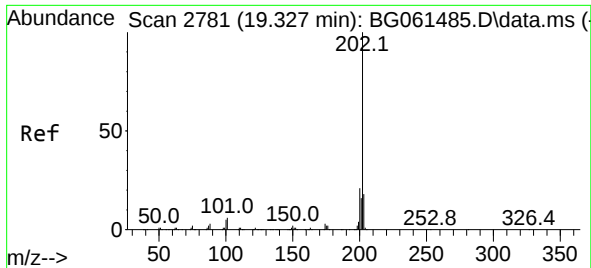
Delta R.T. 0.001 min

Lab File: BG061490.D

Acq: 5 Jun 2024 17:15

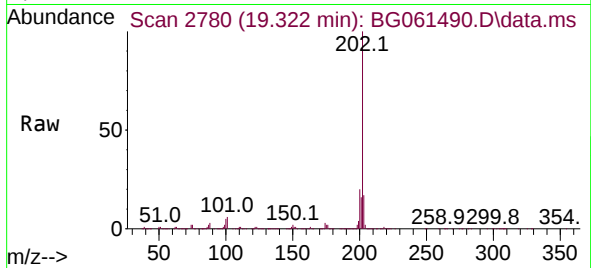
Tgt Ion:149	Resp:	12400
Ion Ratio	Lower	Upper
149	100	
150	11.1	7.8 11.8
104	8.7	4.8 7.2





#80
Fluoranthene
Concen: 38.287 ng/ul
RT: 19.322 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG061490.D
Acq: 5 Jun 2024 17:15

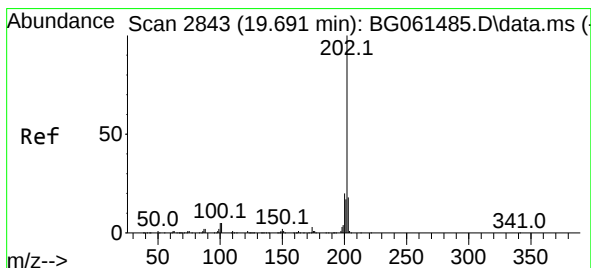
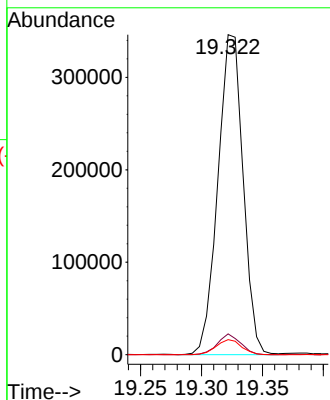
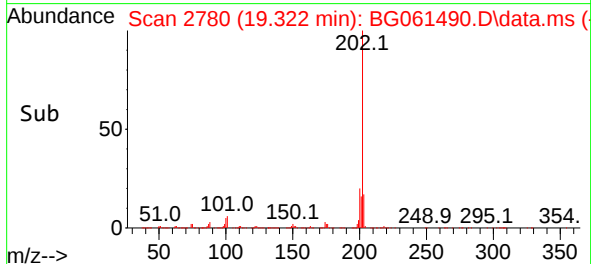
Instrument :
BNA_G
ClientSampleId :
BHBR4



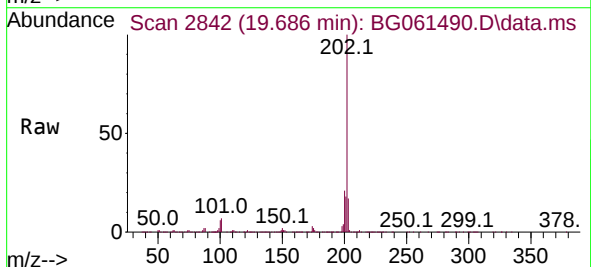
Tgt Ion:202 Resp: 499130
Ion Ratio Lower Upper
202 100
101 6.5 4.8 7.2
100 4.7 4.1 6.1

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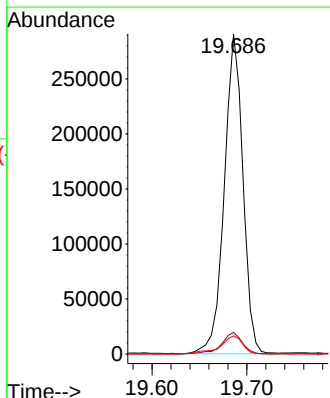
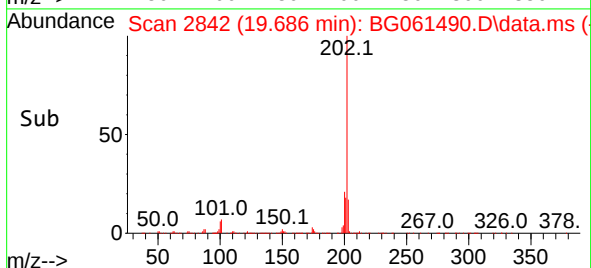
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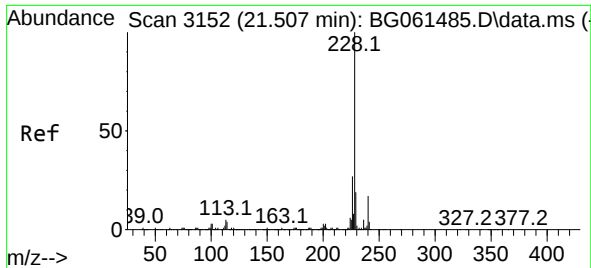


#82
Pyrene
Concen: 29.393 ng/ul
RT: 19.686 min Scan# 2842
Delta R.T. 0.007 min
Lab File: BG061490.D
Acq: 5 Jun 2024 17:15



Tgt Ion:202 Resp: 397743
Ion Ratio Lower Upper
202 100
101 6.8 5.7 8.5
100 5.6 5.1 7.7





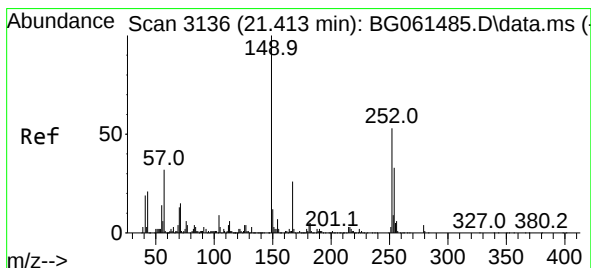
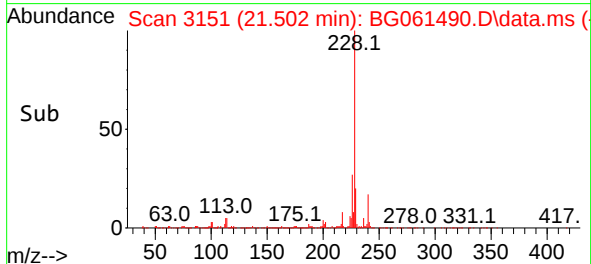
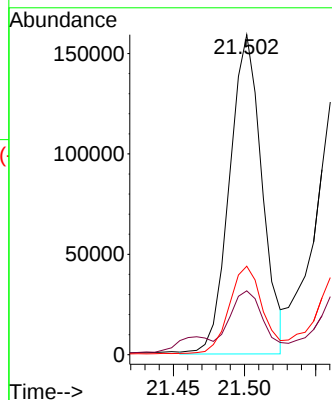
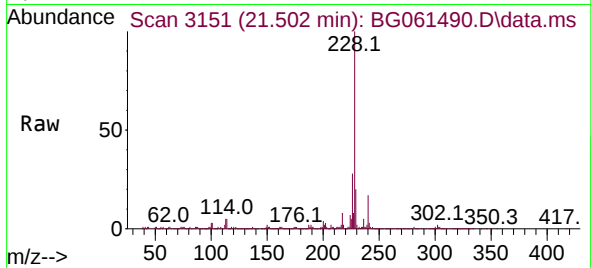
#85
Benzo(a)anthracene
Concen: 17.372 ng/ul
RT: 21.502 min Scan# 3152
Delta R.T. 0.007 min
Lab File: BG061490.D
Acq: 5 Jun 2024 17:15

Instrument :
BNA_G
ClientSampleId :
BHBR4

Tgt Ion:228 Resp: 253689
Ion Ratio Lower Upper
228 100
229 19.9 15.2 22.8
226 27.7 21.4 32.2

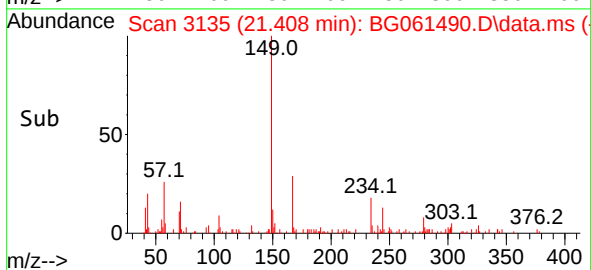
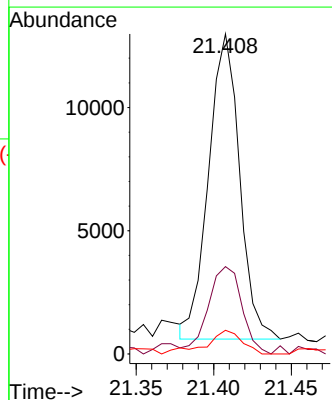
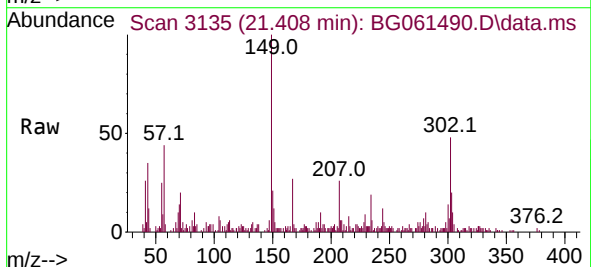
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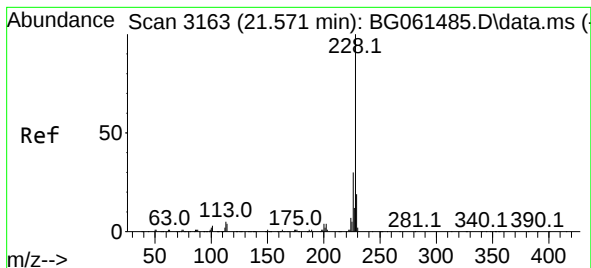
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.499 ng/ul
RT: 21.408 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG061490.D
Acq: 5 Jun 2024 17:15

Tgt Ion:149 Resp: 17196
Ion Ratio Lower Upper
149 100
167 27.3 21.1 31.7
279 7.4 3.3 4.9#





#87

Chrysene

Concen: 17.642 ng/u1

RT: 21.566 min Scan# 3162

Delta R.T. 0.013 min

Lab File: BG061490.D

Acq: 5 Jun 2024 17:15

Instrument :

BNA_G

ClientSampleId :

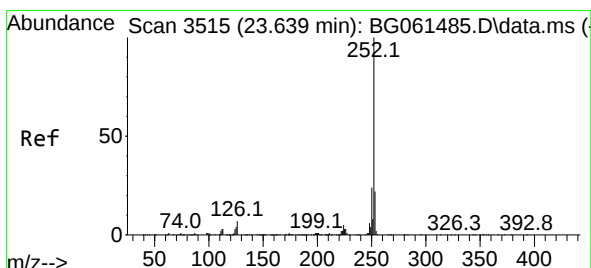
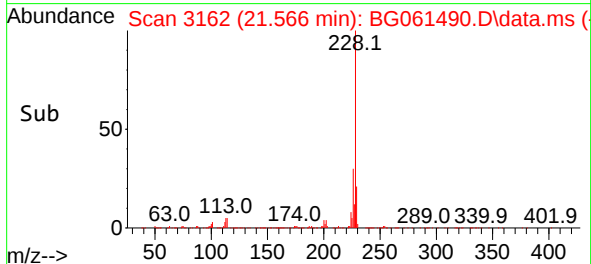
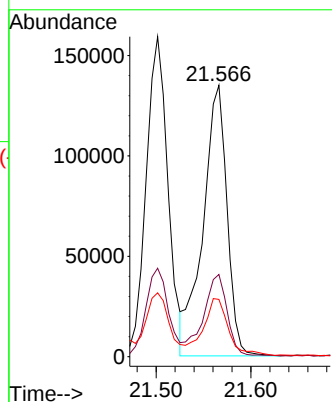
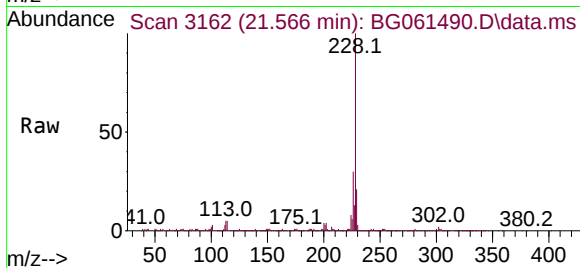
BHBR4

Tgt Ion:	228	Resp:	237228
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	21.1	15.4	23.2

Manual Integrations

APPROVED

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



#90

Benzo(b)fluoranthene

Concen: 21.221 ng/u1

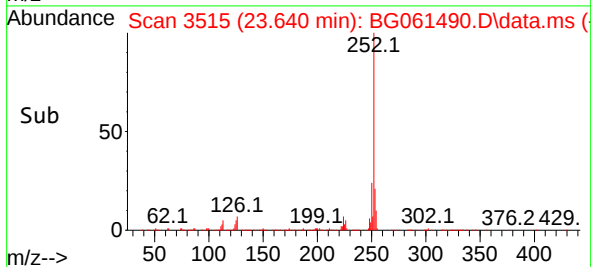
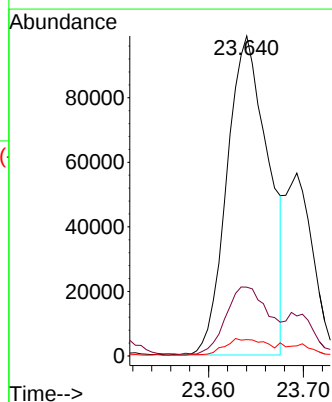
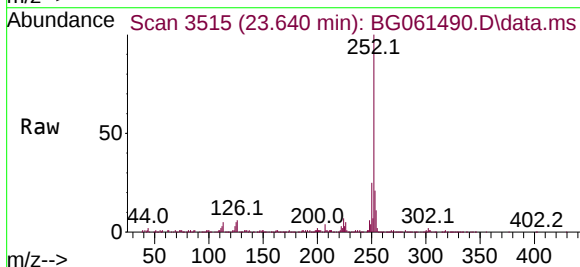
RT: 23.640 min Scan# 3515

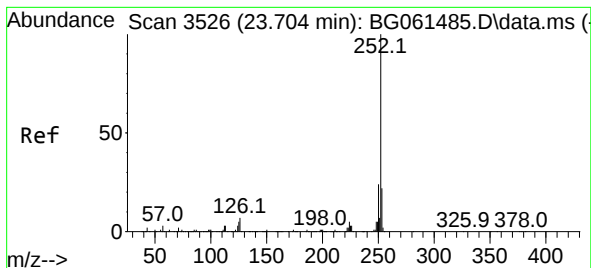
Delta R.T. 0.025 min

Lab File: BG061490.D

Acq: 5 Jun 2024 17:15

Tgt Ion:	252	Resp:	298537
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.8	26.8
125	5.1	4.6	6.8





#91

Benzo(k)fluoranthene

Concen: 8.037 ng/ul m

RT: 23.693 min Scan# 3

Delta R.T. 0.013 min

Lab File: BG061490.D

Acq: 5 Jun 2024 17:15

Instrument :

BNA_G

ClientSampleId :

BHBR4

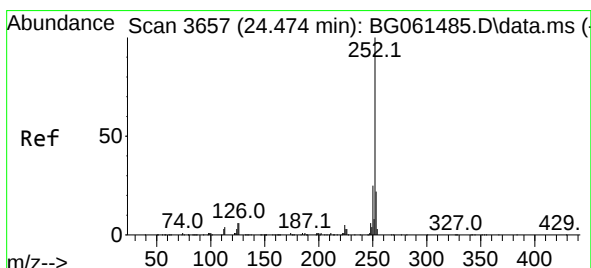
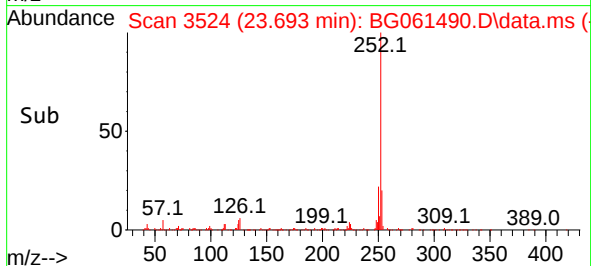
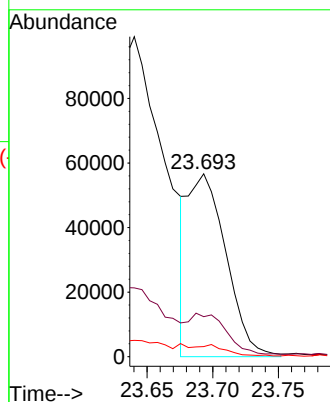
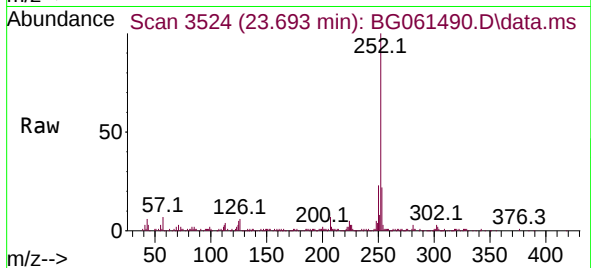
Tgt Ion:252 Resp: 11477

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.0	24.0
125	5.5	4.3	6.5

Manual Integrations

APPROVED

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



#93

Benzo(a)pyrene

Concen: 14.967 ng/ul

RT: 24.469 min Scan# 3656

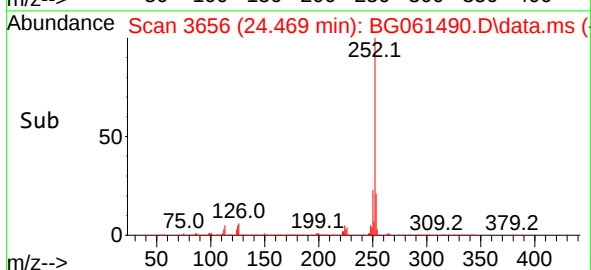
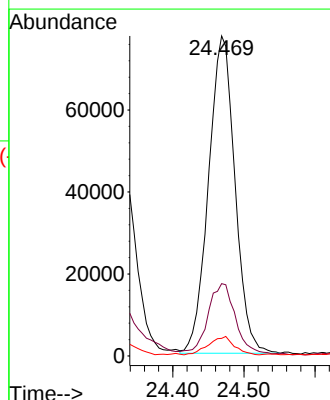
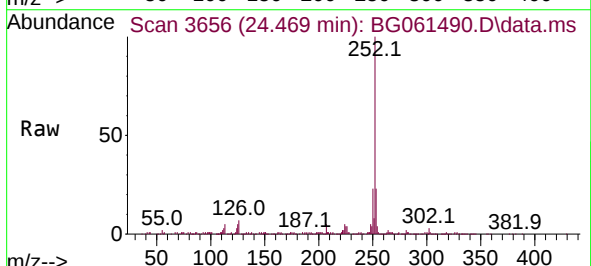
Delta R.T. 0.019 min

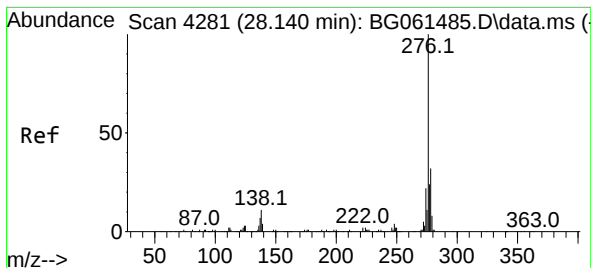
Lab File: BG061490.D

Acq: 5 Jun 2024 17:15

Tgt Ion:252 Resp: 199934

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.4	24.6
125	5.5	4.3	6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 7.409 ng/ul

RT: 28.129 min Scan# 41

Delta R.T. 0.036 min

Lab File: BG061490.D

Acq: 5 Jun 2024 17:15

Instrument :

BNA_G

ClientSampleId :

BHBR4

Tgt Ion:276 Resp: 11969

Ion Ratio Lower Upper

276 100

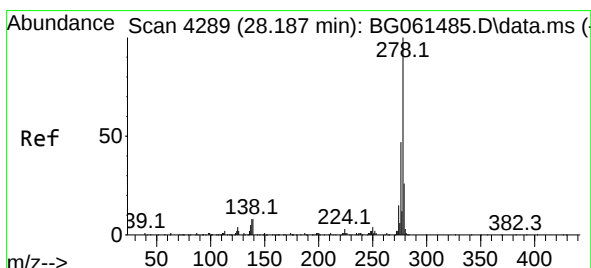
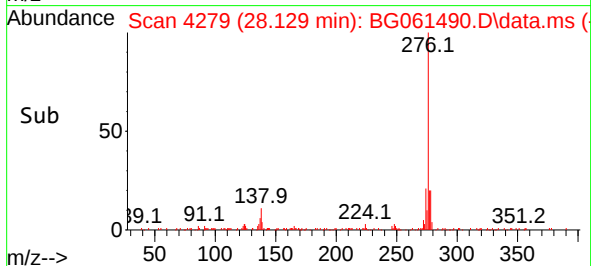
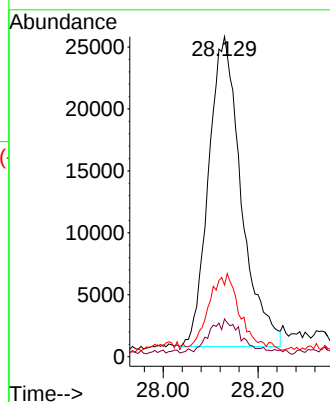
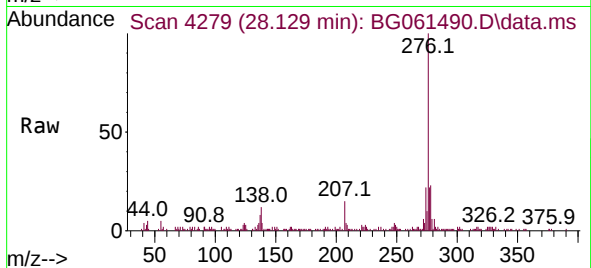
138 15.8 8.6 13.0

277 22.4 19.7 29.5

Manual Integrations

APPROVED

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



#95

Dibenzo(a,h)anthracene

Concen: 3.035 ng/ul m

RT: 28.158 min Scan# 4284

Delta R.T. 0.019 min

Lab File: BG061490.D

Acq: 5 Jun 2024 17:15

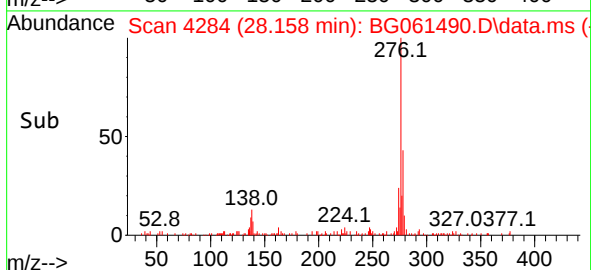
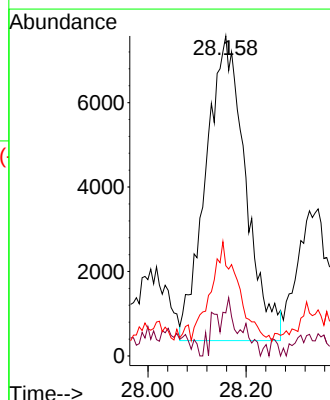
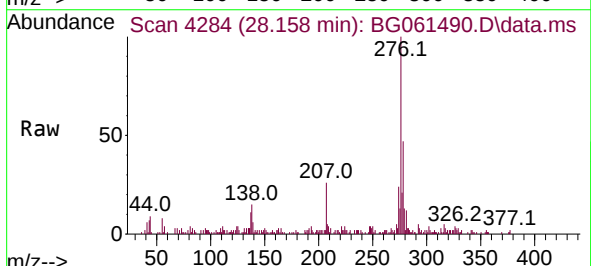
Tgt Ion:278 Resp: 40429

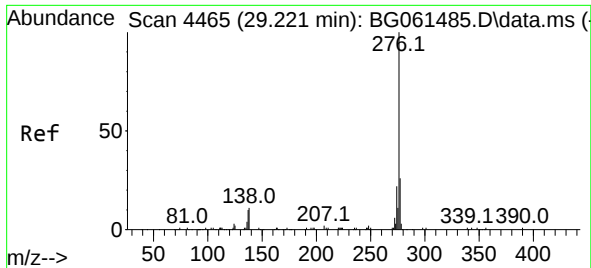
Ion Ratio Lower Upper

278 100

139 13.5 6.4 9.6

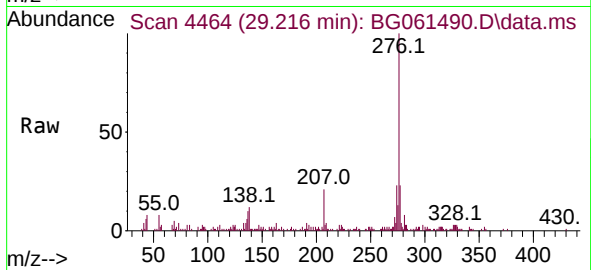
279 28.2 19.9 29.9





#96
Benzo(g,h,i)perylene
Concen: 8.185 ng/ul m
RT: 29.216 min Scan# 4464
Delta R.T. 0.042 min
Lab File: BG061490.D
Acq: 5 Jun 2024 17:15

Instrument :
BNA_G
ClientSampleId :
BHBR4



Tgt Ion:276 Resp: 10518
Ion Ratio Lower Upper
276 100
138 11.6 8.7 13.1
277 23.3 18.2 27.2

Manual Integrations
APPROVED

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

