

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061573.D
 Acq On : 8 Jun 2024 20:19
 Operator : MA/JU
 Sample : P2647-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBT2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 00:29:31 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	7.871	152	26916	20.000	ng/u1	0.00
20) Naphthalene-d8	10.668	136	107845	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.511	164	79329	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.266	188	186085	20.000	ng/u1	0.00
79) Chrysene-d12	21.532	240	198018	20.000	ng/u1	0.01
88) Perylene-d12	24.634	264	224282	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	1706	3.547	ng/uL	-0.03
4) Pyridine-d5	3.747	84	11939	6.978	ng/u1	-0.02
7) Phenol-d5	7.072	99	7014	3.173	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.202	67	25643	18.457	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.419	132	37373	22.846	ng/u1	0.00
15) 4-Methylphenol-d8	8.653	113	36489	19.360	ng/u1	0.05
21) Nitrobenzene-d5	9.035	128	18504	22.285	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	21457	22.080	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.310	165	44811	23.653	ng/u1	0.00
31) 4-Chloroaniline-d4	10.809	131	25393	10.245	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	139050	22.600	ng/u1	0.00
49) Acenaphthylene-d8	14.205	160	150844	23.582	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	12740m	16.749	ng/u1	0.02
60) Fluorene-d10	15.509	176	124749	23.485	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.662	200	13298	11.815	ng/u1	0.01
73) Anthracene-d10	17.366	188	206366	25.155	ng/u1	0.00
81) Pyrene-d10	19.663	212	227392	22.365	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.423	264	195740	18.153	ng/u1	0.02
Target Compounds	Qvalue					
30) Naphthalene	10.721	128	13530	2.377	ng/u1#	95
36) 2-Methylnaphthalene	12.331	142	7564	1.832	ng/u1	99
37) 1-Methylnaphthalene	12.548	142	7447	1.758	ng/u1	89
52) Acenaphthene	14.575	153	8609	1.850	ng/u1	97
56) Dibenzofuran	14.916	168	10153	1.526	ng/u1	87
59) Diethylphthalate	15.327	149	29544	4.665	ng/u1	99
61) Fluorene	15.562	166	11239	1.953	ng/u1#	88
72) Phenanthrene	17.307	178	268451	29.723	ng/u1	99
74) Anthracene	17.401	178	39622	4.243	ng/u1	99
77) Carbazole	17.672	167	22414	2.951	ng/u1	96
80) Fluoranthene	19.328	202	553462	45.377	ng/u1	98
82) Pyrene	19.693	202	439445	34.710	ng/u1	97
83) Butylbenzylphthalate	20.574	149	5526	1.271	ng/u1#	96
85) Benzo(a)anthracene	21.514	228	308429	22.573	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.408	149	43094	6.694	ng/u1	96
87) Chrysene	21.573	228	334003m	26.548	ng/u1	
90) Benzo(b)fluoranthene	23.659	252	411417	30.809	ng/u1	99
91) Benzo(k)fluoranthene	23.712	252	162957m	12.021	ng/u1	
93) Benzo(a)pyrene	24.487	252	172765	13.625	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.171	276	124368m	8.110	ng/u1	
95) Dibenzo(a,h)anthracene	28.195	278	35708m	2.824	ng/u1	

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

Instrument :

BNA_G

ClientSampleId :

BHBT2

Manual Integrations

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Supervised By :mohammad ahmed 06/10/2024

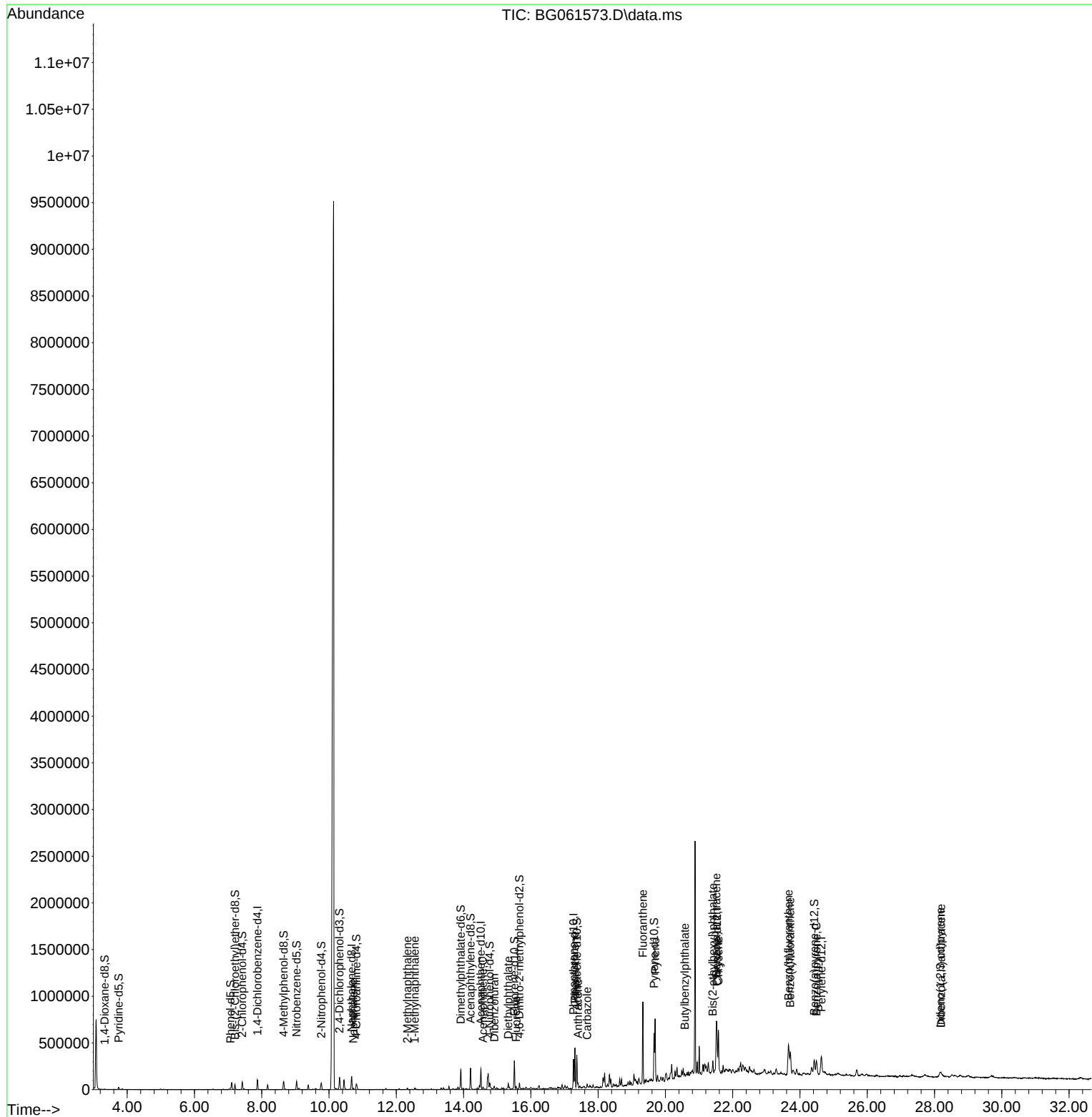
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061573.D
Acq On : 8 Jun 2024 20:19
Operator : MA/JU
Sample : P2647-18
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ALS Vial : 12 Sample Multiplier: 1

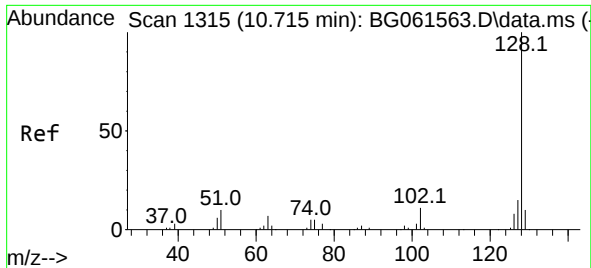
Instrument :
BNA_G
ClientSampleId :
BHBT2

Quant Time: Jun 10 00:29:31 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

Manual Integrations
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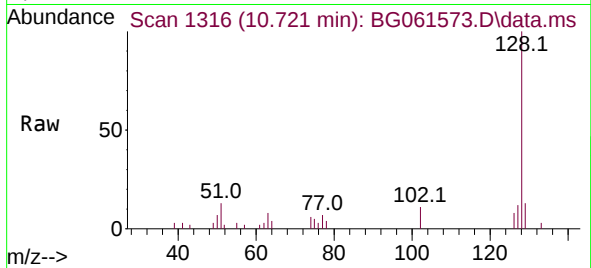
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024





#30
Naphthalene
Concen: 2.377 ng/ul
RT: 10.721 min Scan# 1316
Delta R.T. 0.001 min
Lab File: BG061573.D
Acq: 8 Jun 2024 20:19

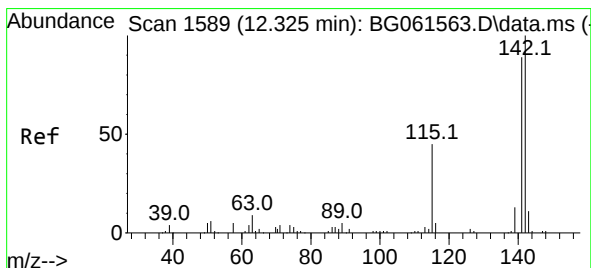
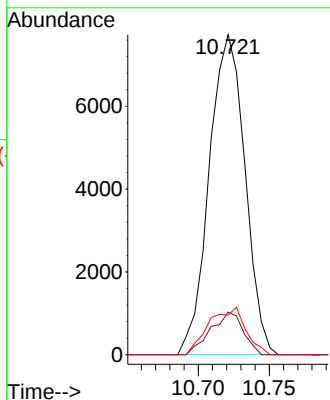
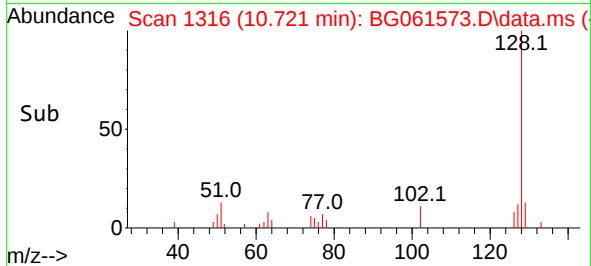
Instrument :
BNA_G
ClientSampleId :
BHBT2



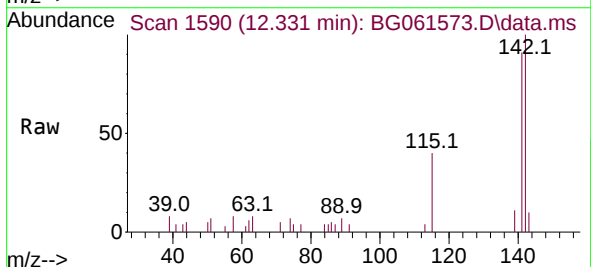
Tgt Ion:128 Resp: 13530
Ion Ratio Lower Upper
128 100
129 13.3 8.6 12.8
127 12.4 10.8 16.2

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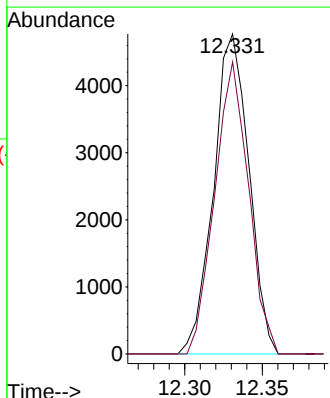
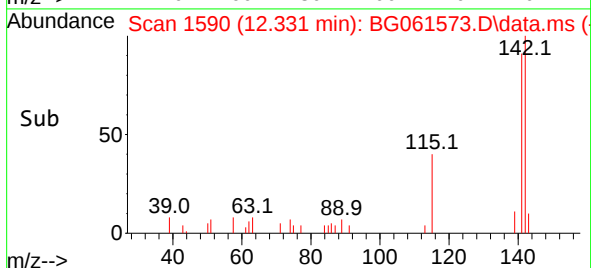
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

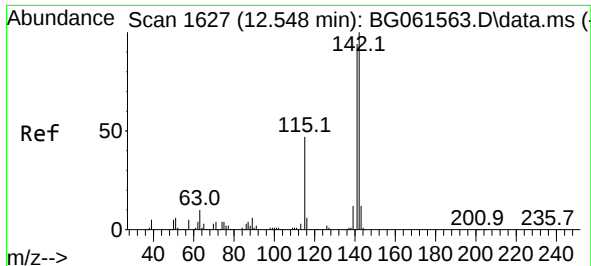


#36
2-Methylnaphthalene
Concen: 1.832 ng/ul
RT: 12.331 min Scan# 1590
Delta R.T. 0.001 min
Lab File: BG061573.D
Acq: 8 Jun 2024 20:19



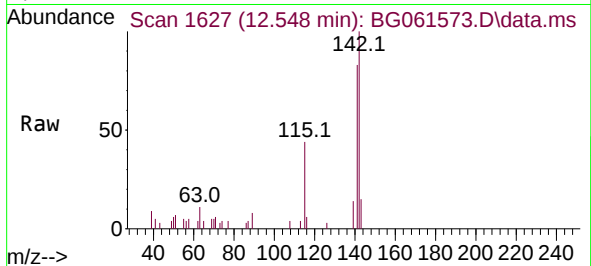
Tgt Ion:142 Resp: 7564
Ion Ratio Lower Upper
142 100
141 91.3 72.2 108.2





#37
1-Methylnaphthalene
Concen: 1.758 ng/ul
RT: 12.548 min Scan# 1627
Delta R.T. 0.001 min
Lab File: BG061573.D
Acq: 8 Jun 2024 20:19

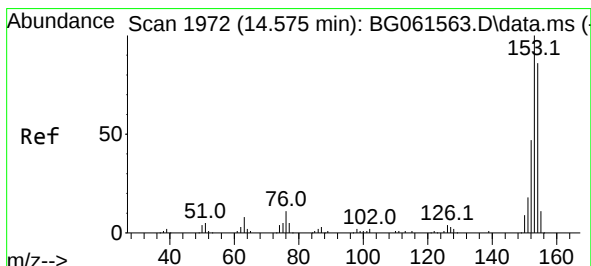
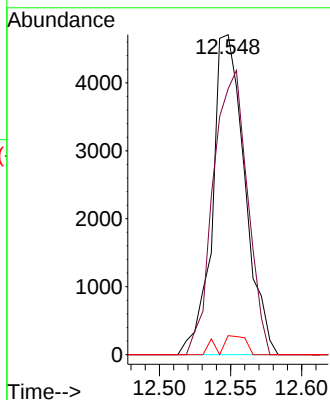
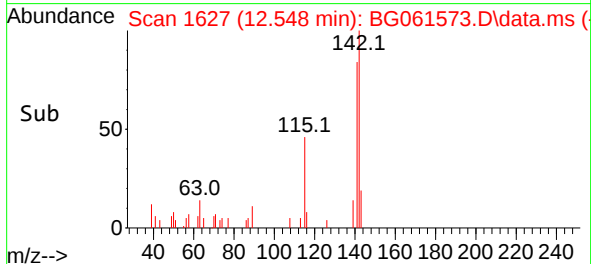
Instrument :
BNA_G
ClientSampleId :
BHBT2



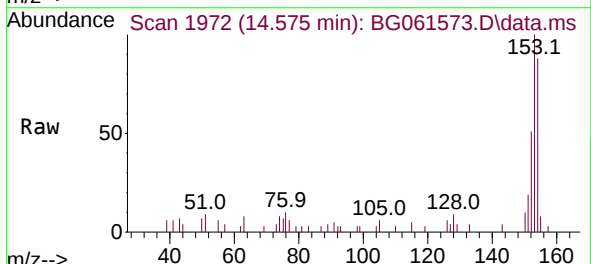
Tgt Ion:142 Resp: 744
Ion Ratio Lower Upper
142 100
141 83.1 75.5 113.3
116 6.0 4.0 6.0

Manual Integrations
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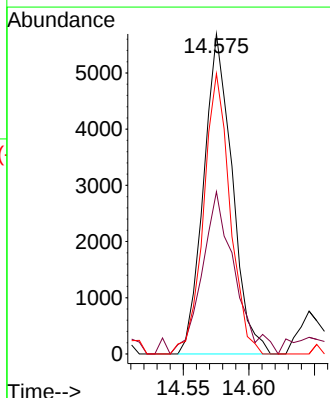
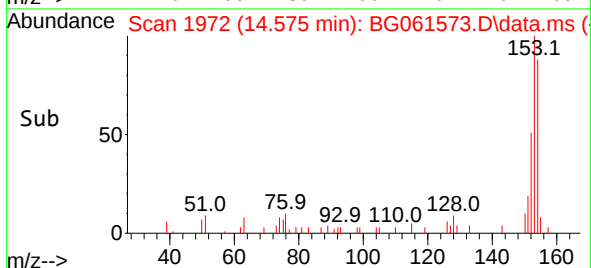
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

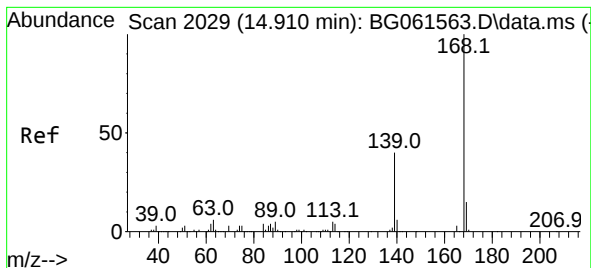


#52
Acenaphthene
Concen: 1.850 ng/ul
RT: 14.575 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG061573.D
Acq: 8 Jun 2024 20:19



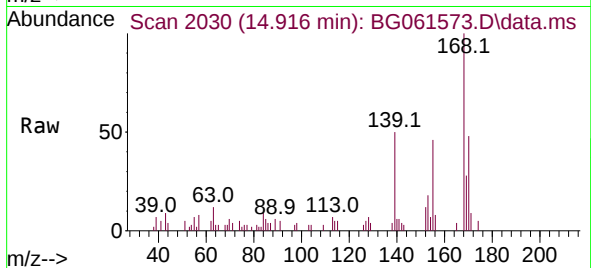
Tgt Ion:153 Resp: 8609
Ion Ratio Lower Upper
153 100
152 50.7 37.8 56.8
154 87.6 69.0 103.6





#56
Dibenzenofuran
Concen: 1.526 ng/ul
RT: 14.916 min Scan# 2029
Delta R.T. 0.007 min
Lab File: BG061573.D
Acq: 8 Jun 2024 20:19

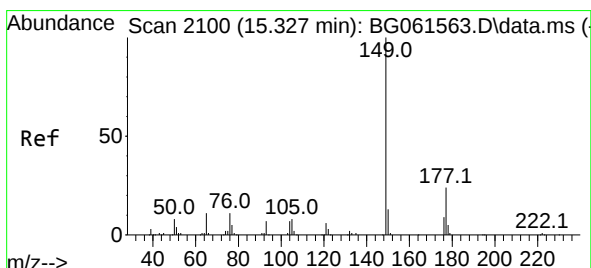
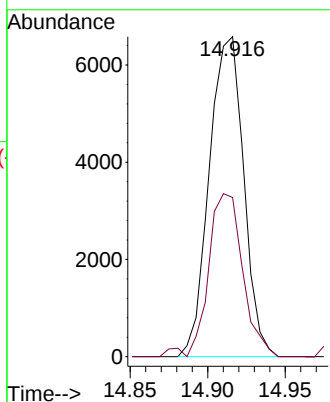
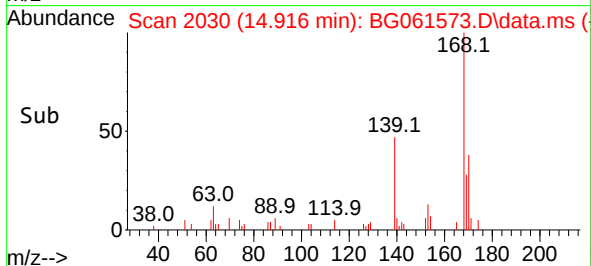
Instrument :
BNA_G
ClientSampleId :
BHBT2



Tgt Ion:168 Resp: 1015
Ion Ratio Lower Upper
168 100
139 49.8 33.4 50.2

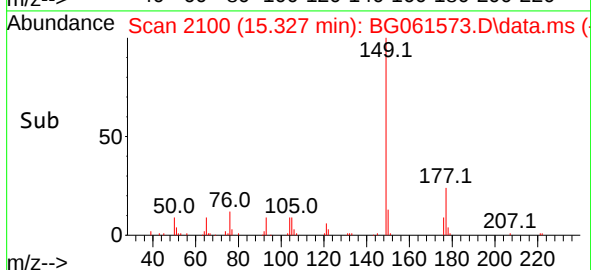
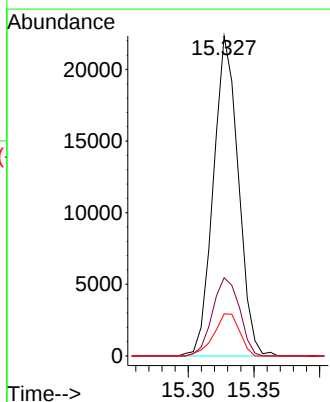
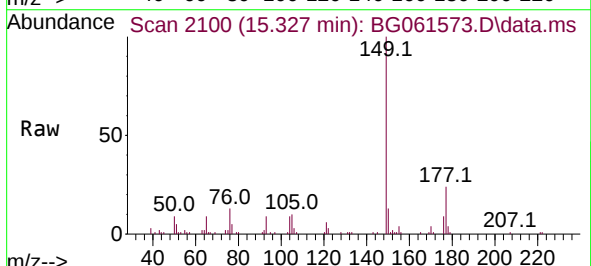
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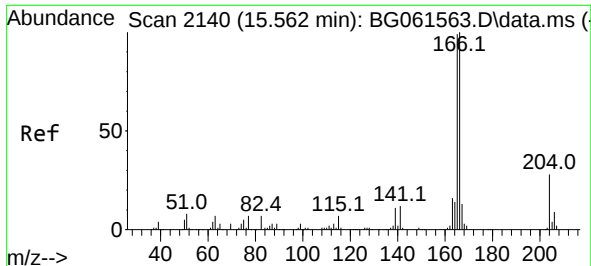
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



#59
Diethylphthalate
Concen: 4.665 ng/ul
RT: 15.327 min Scan# 2100
Delta R.T. 0.001 min
Lab File: BG061573.D
Acq: 8 Jun 2024 20:19

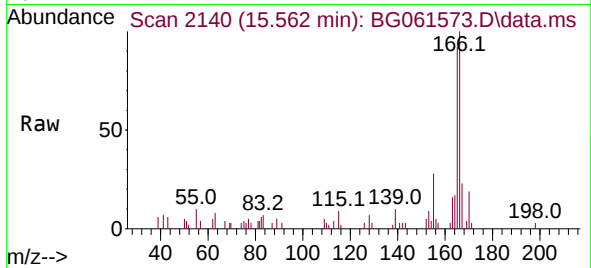
Tgt Ion:149 Resp: 29544
Ion Ratio Lower Upper
149 100
177 24.4 19.1 28.7
150 13.1 11.0 16.4





#61
Fluorene
Concen: 1.953 ng/ul
RT: 15.562 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG061573.D
Acq: 8 Jun 2024 20:19

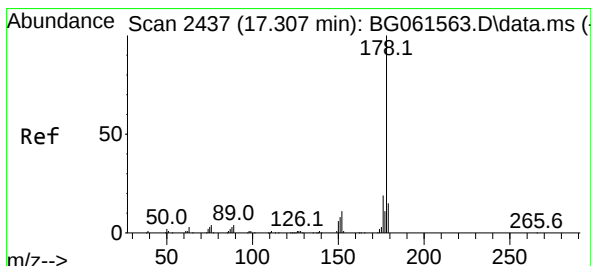
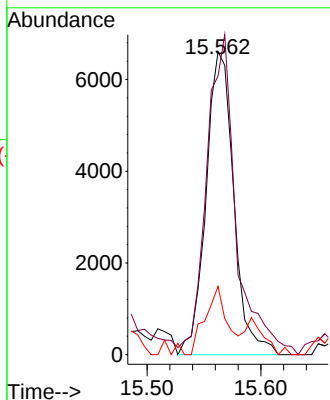
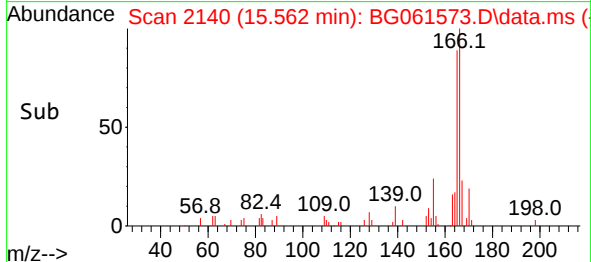
Instrument :
BNA_G
ClientSampleId :
BHBT2



Tgt Ion:166 Resp: 11239
Ion Ratio Lower Upper
166 100
165 92.0 81.8 122.8
167 22.6 10.6 16.0

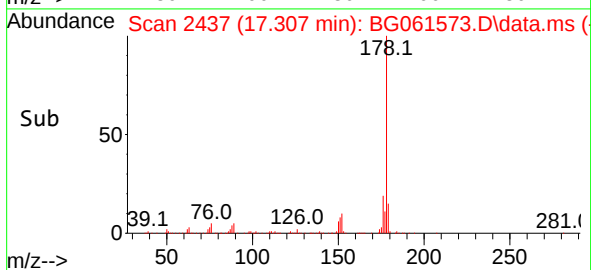
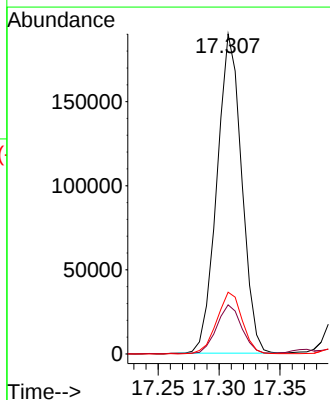
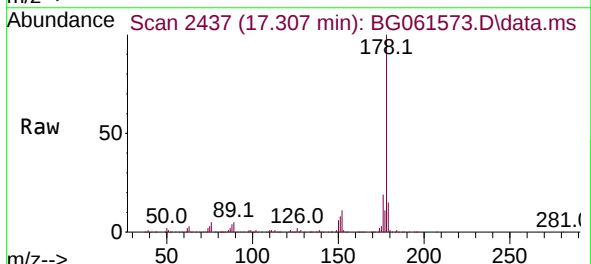
Manual Integrations
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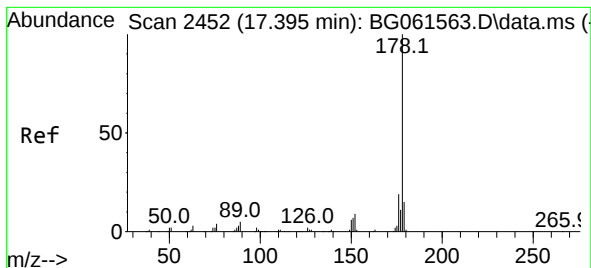
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



#72
Phenanthrene
Concen: 29.723 ng/ul
RT: 17.307 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BG061573.D
Acq: 8 Jun 2024 20:19

Tgt Ion:178 Resp: 268451
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.3 15.5 23.3





#74

Anthracene

Concen: 4.243 ng/ul

RT: 17.401 min Scan# 2452

Delta R.T. 0.007 min

Lab File: BG061573.D

Acq: 8 Jun 2024 20:19

Instrument :

BNA_G

ClientSampleId :

BHBT2

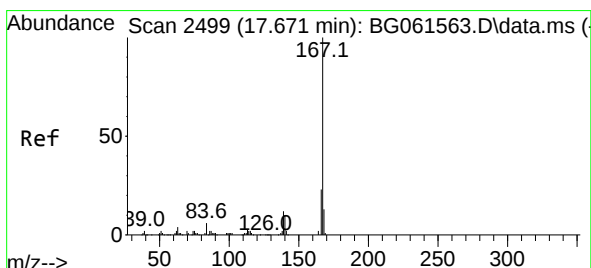
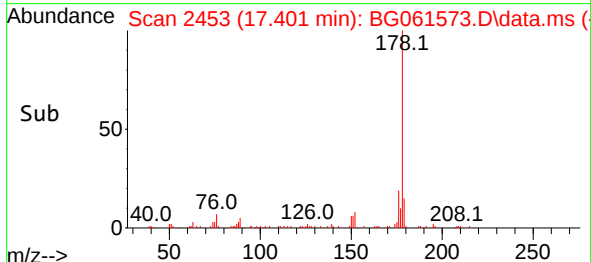
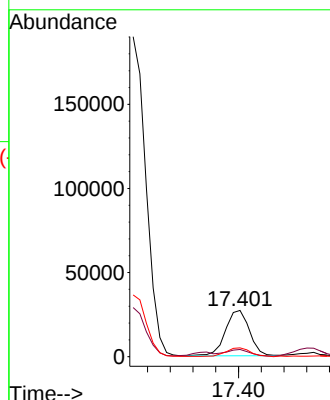
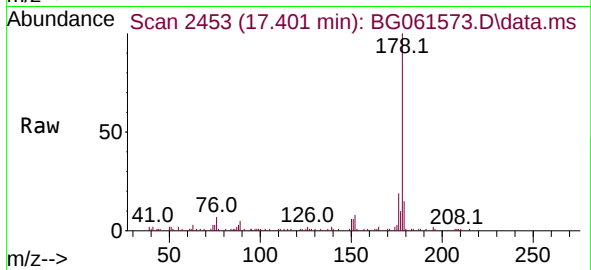
Tgt Ion:	178	Resp:	3962
Ion Ratio	Lower	Upper	
178	100		
179	15.4	11.8	17.6
176	19.1	14.9	22.3

Manual Integrations

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Supervised By :mohammad ahmed 06/10/2024



#77

Carbazole

Concen: 2.951 ng/ul

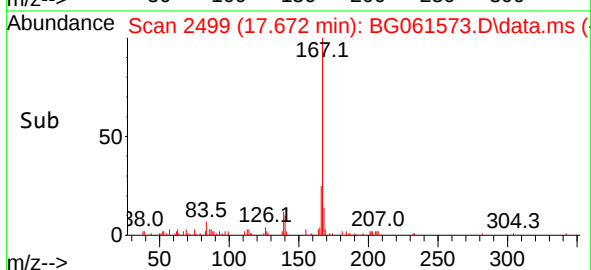
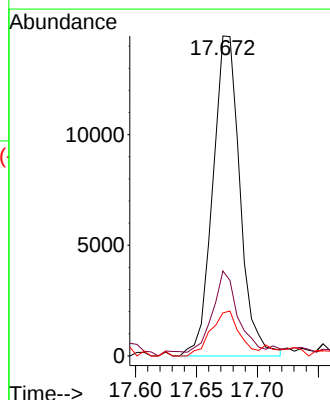
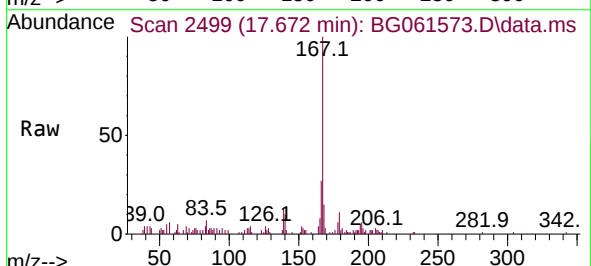
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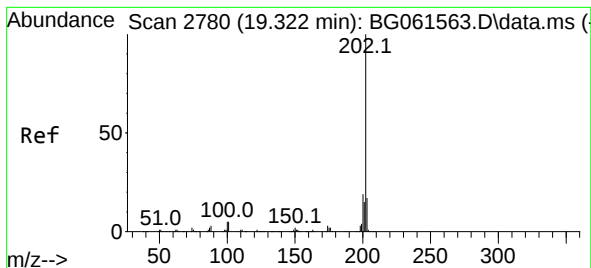
Delta R.T. 0.001 min

Lab File: BG061573.D

Acq: 8 Jun 2024 20:19

Tgt Ion:	167	Resp:	22414
Ion Ratio	Lower	Upper	
167	100		
166	26.5	18.6	28.0
139	13.4	10.6	15.8





#80

Fluoranthene

Concen: 45.377 ng/ul

RT: 19.328 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG061573.D

Acq: 8 Jun 2024 20:19

Instrument :

BNA_G

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BHBT2

Tgt Ion:202 Resp: 553462

Ion Ratio Lower Upper

202 100

101 5.3 4.8 7.2

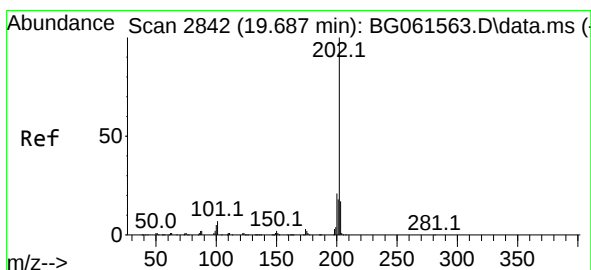
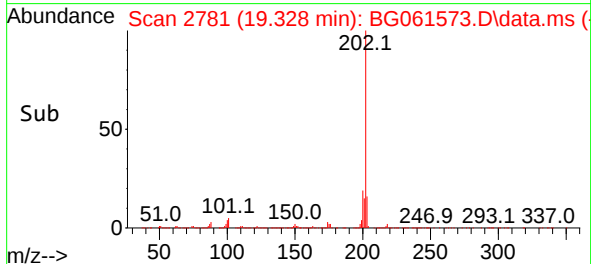
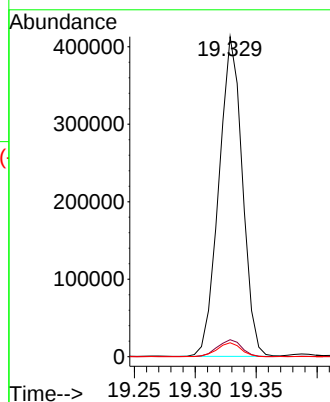
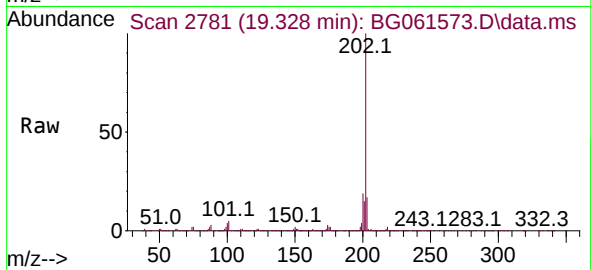
100 4.4 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/10/2024



#82

Pyrene

Concen: 34.710 ng/ul

RT: 19.693 min Scan# 2843

Delta R.T. 0.007 min

Lab File: BG061573.D

Acq: 8 Jun 2024 20:19

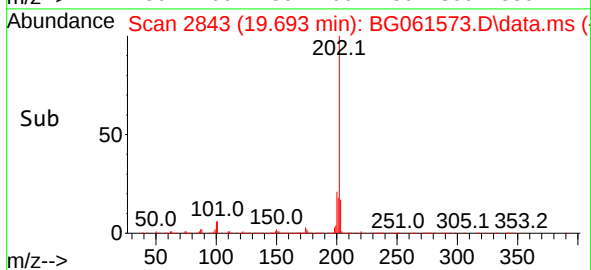
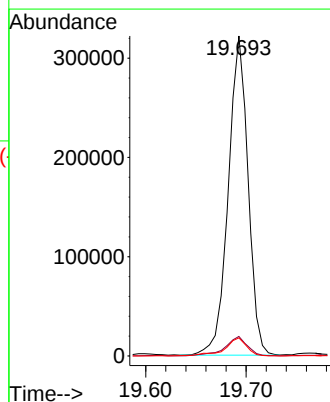
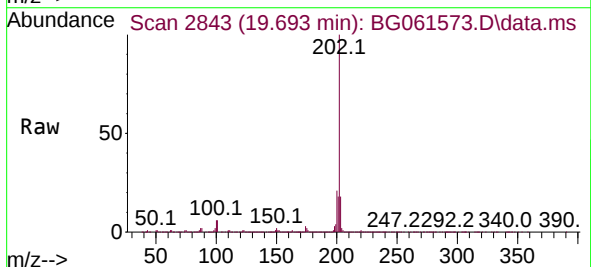
Tgt Ion:202 Resp: 439445

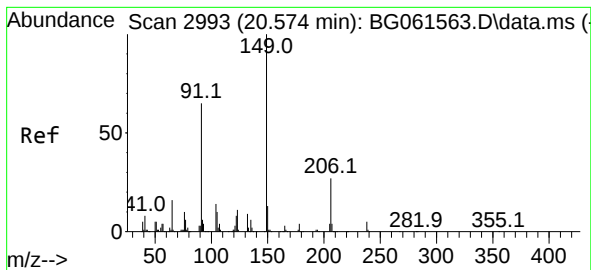
Ion Ratio Lower Upper

202 100

101 6.1 5.7 8.5

100 5.7 5.1 7.7





#83

Butylbenzylphthalate

Concen: 1.271 ng/ul

RT: 20.574 min Scan# 2993

Delta R.T. 0.001 min

Lab File: BG061573.D

Acq: 8 Jun 2024 20:19

Instrument :

BNA_G

ClientSampleId :

BHBT2

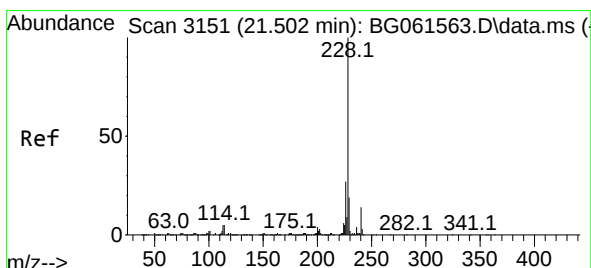
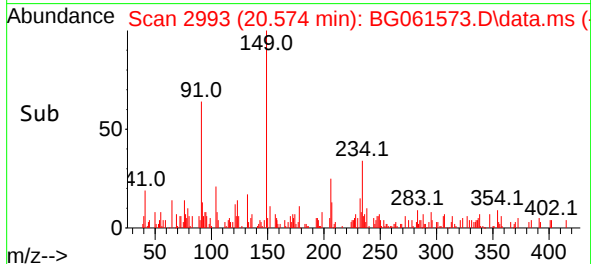
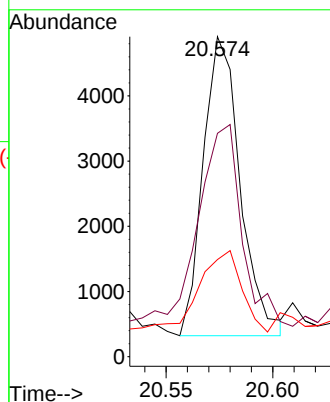
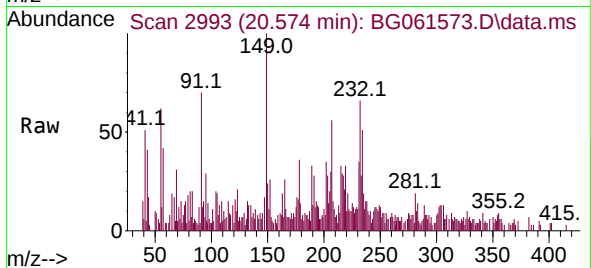
Tgt Ion:	149	Resp:	5520
Ion Ratio	Lower	Upper	
149	100		
91	69.8	54.8	82.2
206	30.4	19.4	29.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/10/2024



#85

Benzo(a)anthracene

Concen: 22.573 ng/ul

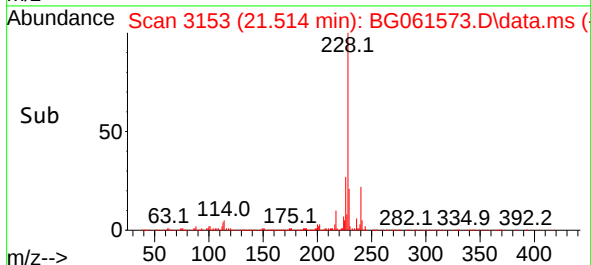
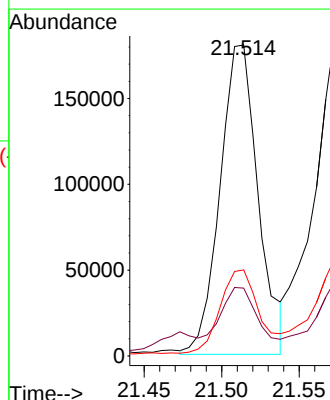
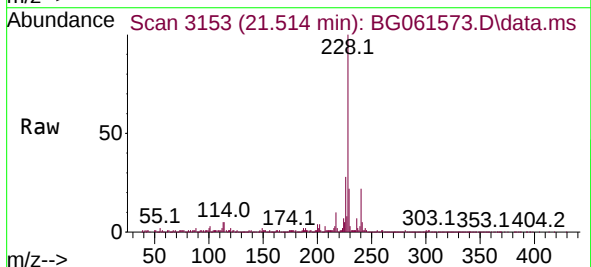
RT: 21.514 min Scan# 3153

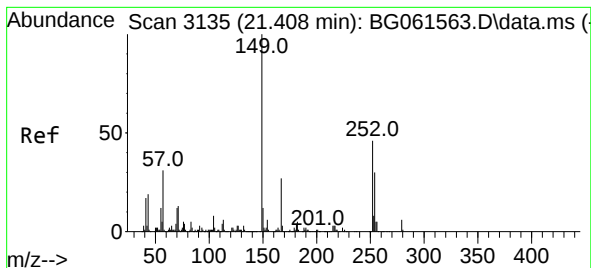
Delta R.T. 0.013 min

Lab File: BG061573.D

Acq: 8 Jun 2024 20:19

Tgt Ion:	228	Resp:	308429
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.2	22.8
226	27.7	21.4	32.2





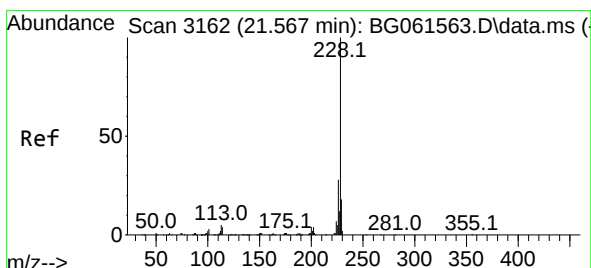
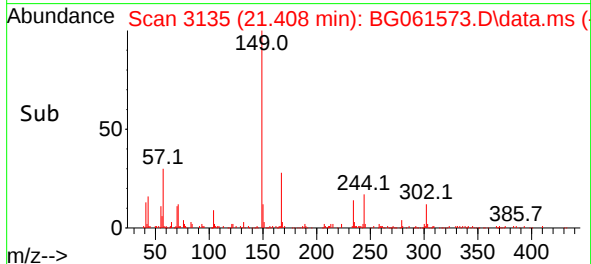
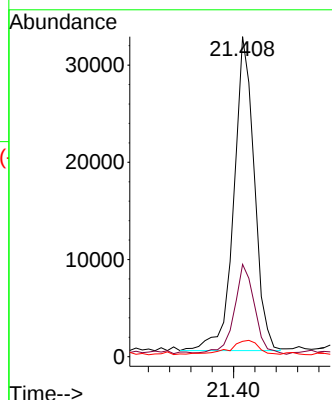
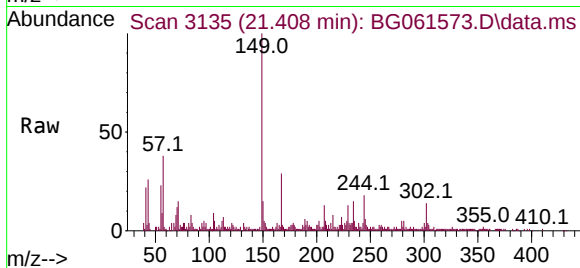
#86
Bis(2-ethylhexyl)phthalate
Concen: 6.694 ng/ul
RT: 21.408 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG061573.D
Acq: 8 Jun 2024 20:19

Instrument :
BNA_G
ClientSampleId :
BHBT2

Tgt Ion:149 Resp: 43094
Ion Ratio Lower Upper
149 100
167 28.9 21.1 31.7
279 4.8 3.3 4.9

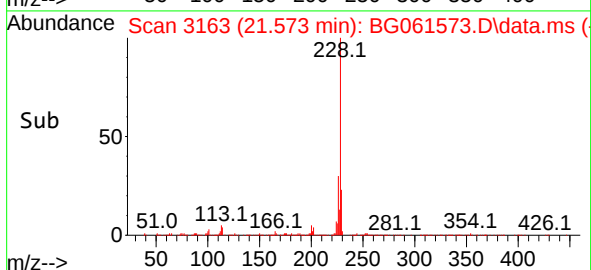
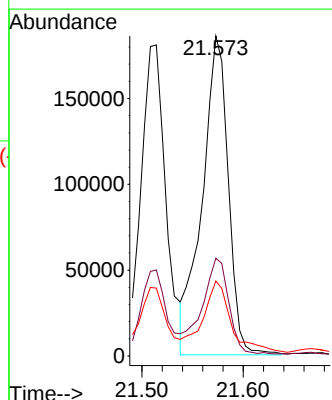
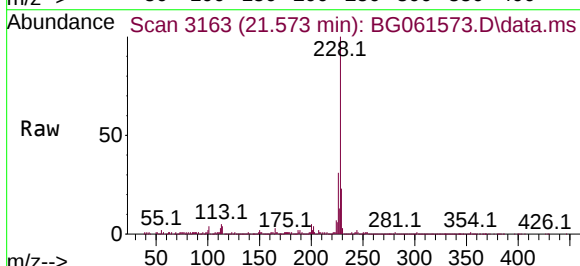
Manual Integrations
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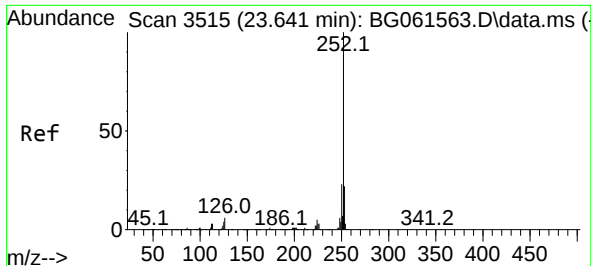
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



#87
Chrysene
Concen: 26.548 ng/ul m
RT: 21.573 min Scan# 3163
Delta R.T. 0.007 min
Lab File: BG061573.D
Acq: 8 Jun 2024 20:19

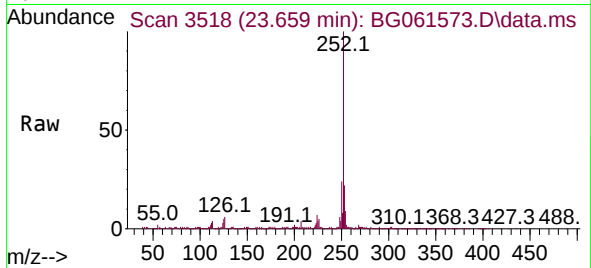
Tgt Ion:228 Resp: 334003
Ion Ratio Lower Upper
228 100
226 30.6 23.4 35.0
229 23.4 15.4 23.2#





#90
Benzo(b)fluoranthene
Concen: 30.809 ng/ul
RT: 23.659 min Scan# 3515
Delta R.T. 0.024 min
Lab File: BG061573.D
Acq: 8 Jun 2024 20:19

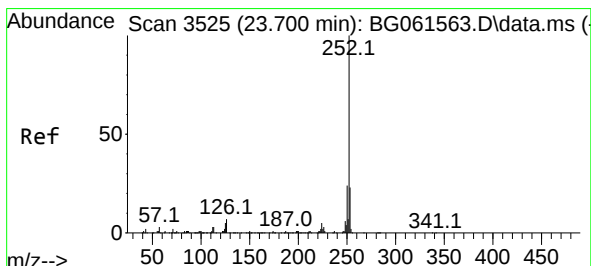
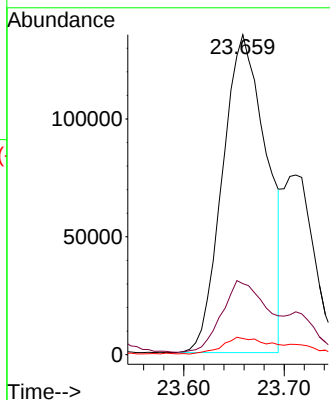
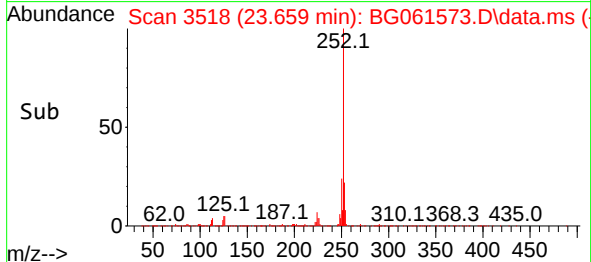
Instrument :
BNA_G
ClientSampleId :
BHBT2



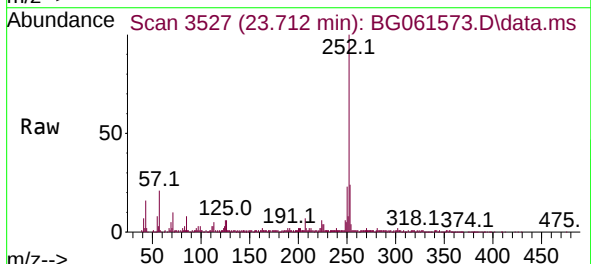
Tgt Ion:252 Resp: 41141
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 5.0 4.6 6.8

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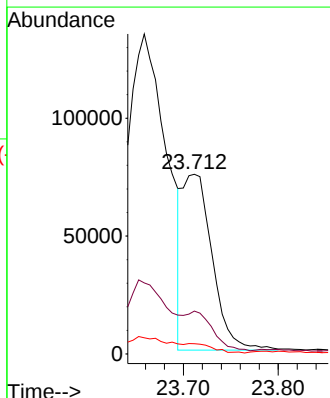
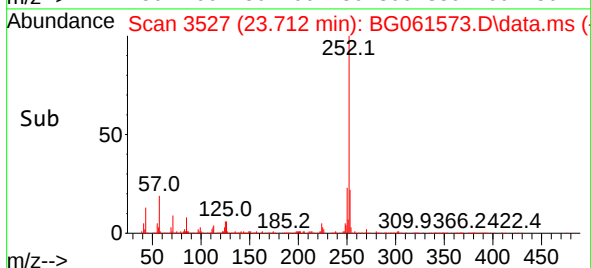
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

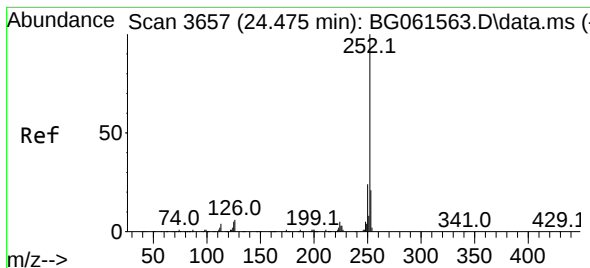


#91
Benzo(k)fluoranthene
Concen: 12.021 ng/ul m
RT: 23.712 min Scan# 3527
Delta R.T. 0.013 min
Lab File: BG061573.D
Acq: 8 Jun 2024 20:19



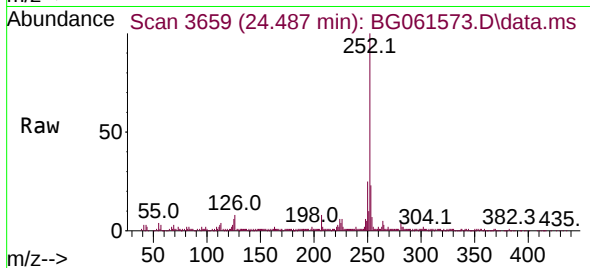
Tgt Ion:252 Resp: 162957
Ion Ratio Lower Upper
252 100
253 23.8 16.0 24.0
125 5.7 4.3 6.5





#93
Benzo(a)pyrene
Concen: 13.625 ng/ul
RT: 24.487 min Scan# 3659
Delta R.T. 0.019 min
Lab File: BG061573.D
Acq: 8 Jun 2024 20:19

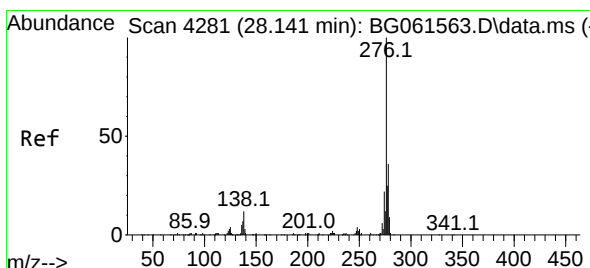
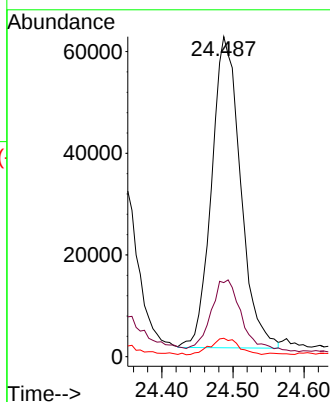
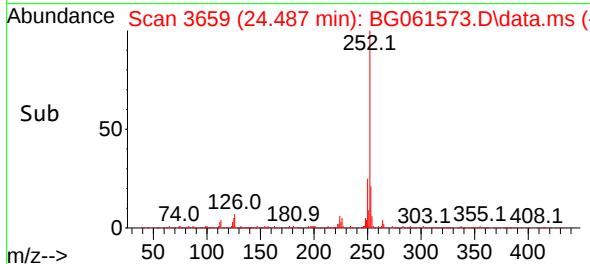
Instrument :
BNA_G
ClientSampleId :
BHBT2



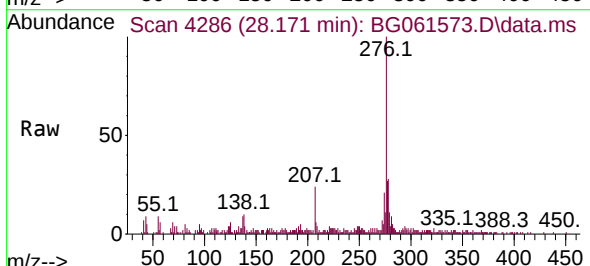
Tgt Ion:252 Resp: 172768
Ion Ratio Lower Upper
252 100
253 23.2 16.4 24.6
125 5.7 4.3 6.5

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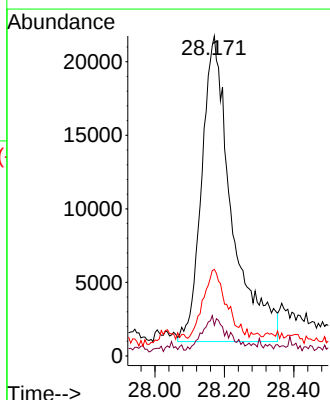
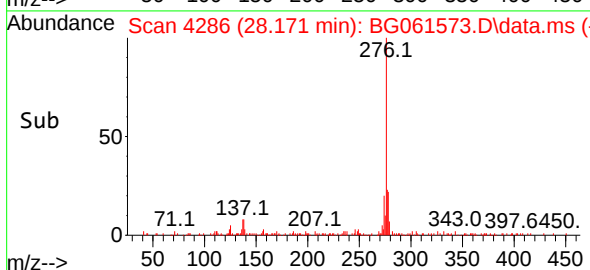
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

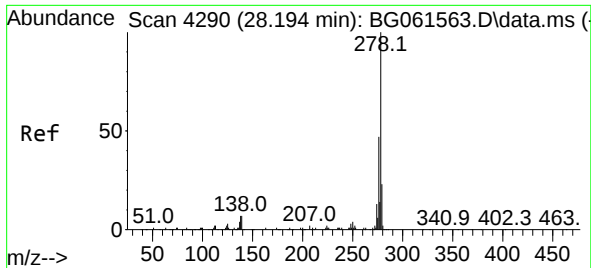


#94
Indeno(1,2,3-cd)pyrene
Concen: 8.110 ng/ul m
RT: 28.171 min Scan# 4286
Delta R.T. 0.036 min
Lab File: BG061573.D
Acq: 8 Jun 2024 20:19



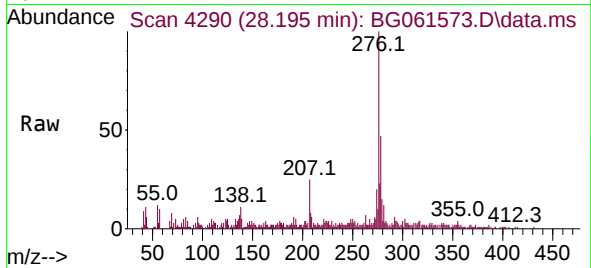
Tgt Ion:276 Resp: 124368
Ion Ratio Lower Upper
276 100
138 9.6 8.6 13.0
277 27.0 19.7 29.5





#95
 Dibenzo(a,h)anthracene
 Concen: 2.824 ng/ul m
 RT: 28.195 min Scan# 4
 Delta R.T. 0.024 min
 Lab File: BG061573.D
 Acq: 8 Jun 2024 20:19

Instrument :
 BNA_G
 ClientSampleId :
 BHBT2



Tgt Ion:278 Resp: 35708
 Ion Ratio Lower Upper
 278 100
 139 11.2 6.4 9.6
 279 32.5 19.9 29.9

Manual Integrations
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Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

