

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061522.D
 Acq On : 6 Jun 2024 23:13
 Operator : MA/JU
 Sample : P2634-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBW9

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 00:13:14 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	7.882	152	35575	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	122254	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.510	164	85190	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.259	188	191072	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	205968	20.000	ng/u1	0.00
88) Perylene-d12	24.615	264	235884	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	1781m	2.802	ng/uL	0.02
4) Pyridine-d5	3.775	84	33189	14.675	ng/u1	0.00
7) Phenol-d5	7.071	99	62388	21.355	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	36038	19.626	ng/u1	0.00
11) 2-Chlorophenol-d4	7.424	132	50655	23.429	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	49977	20.062	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	27476	29.190	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	32749	29.728	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	60807	28.314	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	52000	18.508	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	186593	28.241	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	205402	29.903	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	18519	22.671	ng/u1	0.00
60) Fluorene-d10	15.503	176	163929	28.738	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	15134	13.096	ng/u1	0.00
73) Anthracene-d10	17.359	188	259121	30.761	ng/u1	0.00
81) Pyrene-d10	19.657	212	314238	29.714	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.404	264	341106	30.079	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.233	152	15201	1.996	ng/u1	92
72) Phenanthrene	17.300	178	127551	13.754	ng/u1	99
74) Anthracene	17.394	178	17073	1.781	ng/u1	96
77) Carbazole	17.671	167	11194	1.435	ng/u1	93
80) Fluoranthene	19.322	202	367635	28.978	ng/u1	98
82) Pyrene	19.686	202	355375	26.986	ng/u1	98
83) Butylbenzylphthalate	20.573	149	463929	102.551	ng/u1	99
85) Benzo(a)anthracene	21.501	228	225120	15.840	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.407	149	52408	7.826	ng/u1#	96
87) Chrysene	21.566	228	238541	18.229	ng/u1	98
90) Benzo(b)fluoranthene	23.634	252	325396	23.169	ng/u1	100
91) Benzo(k)fluoranthene	23.693	252	116220m	8.151	ng/u1	
93) Benzo(a)pyrene	24.469	252	231487	17.358	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.123	276	158950	9.856	ng/u1	99
95) Dibenzo(a,h)anthracene	28.152	278	44089m	3.315	ng/u1	
96) Benzo(g,h,i)perylene	29.222	276	142620m	11.116	ng/u1	

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

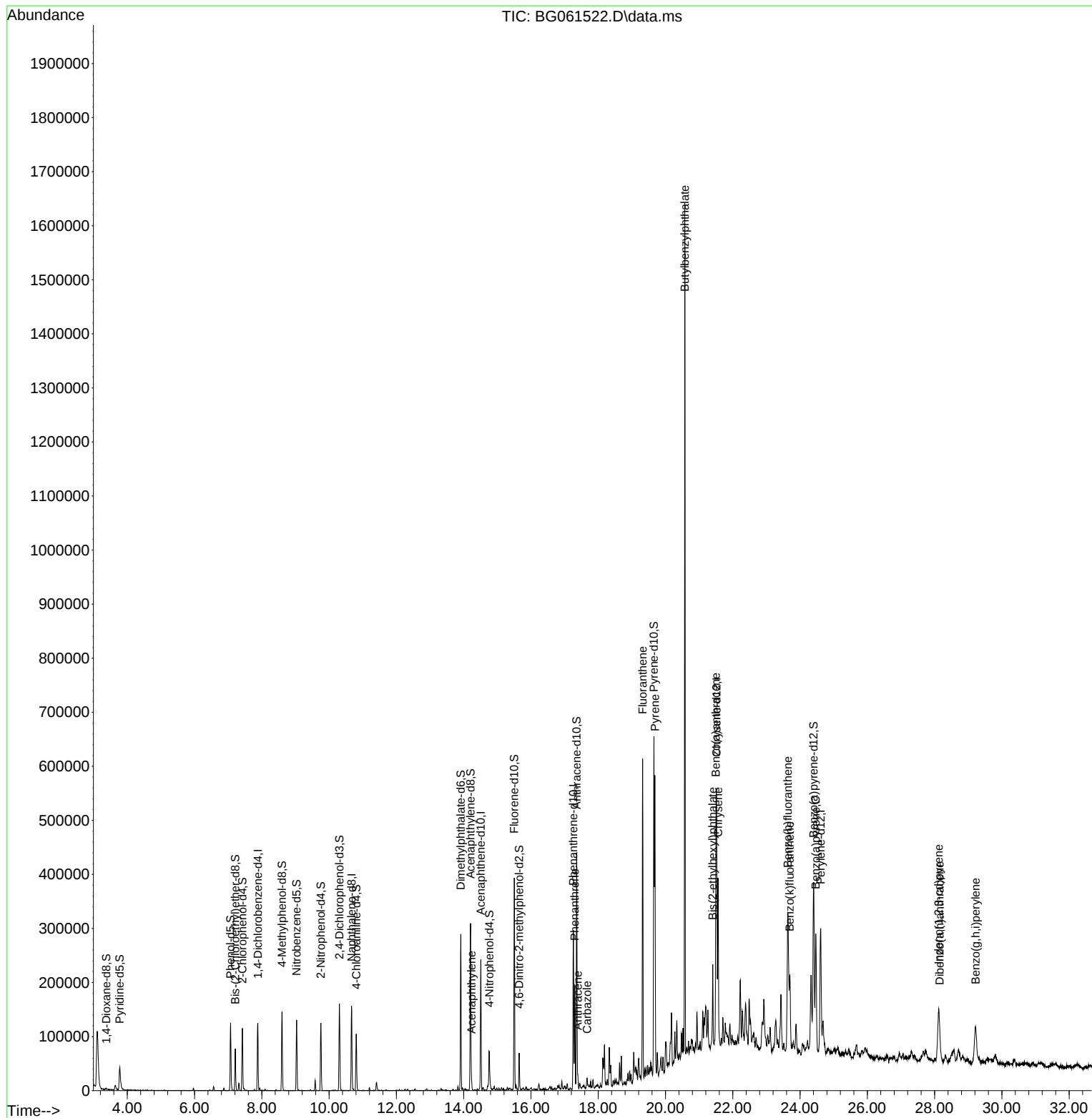
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061522.D
 Acq On : 6 Jun 2024 23:13
 Operator : MA/JU
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 ALS Vial : 10 Sample Multiplier: 1

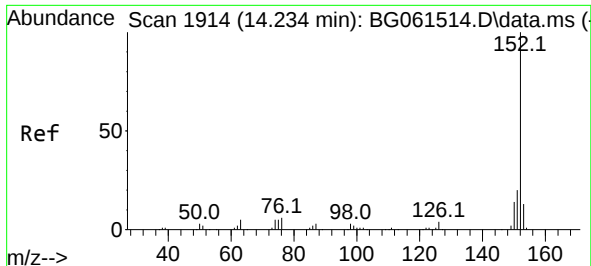
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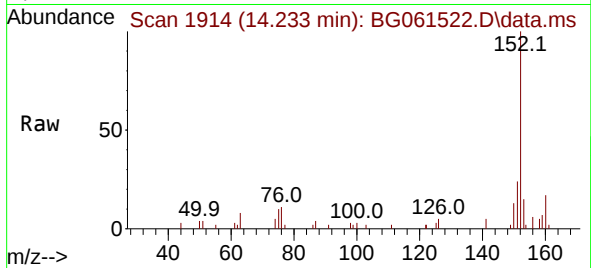
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
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#50
Acenaphthylene
Concen: 1.996 ng/ul
RT: 14.233 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BG061522.D
Acq: 6 Jun 2024 23:13

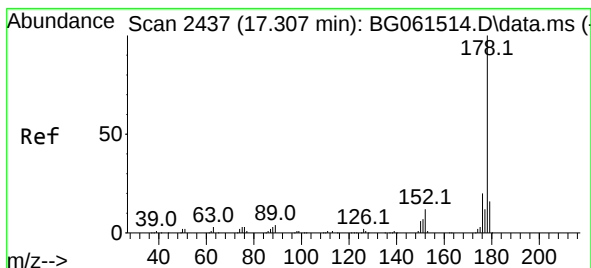
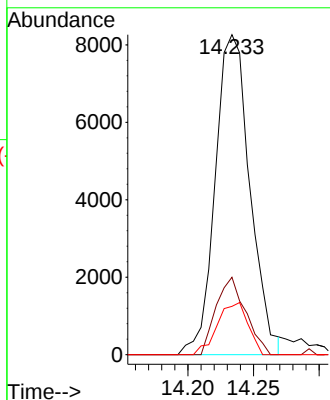
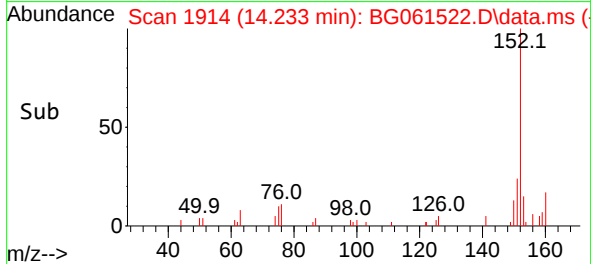
Instrument :
BNA_G
ClientSampleId :
BHBW9



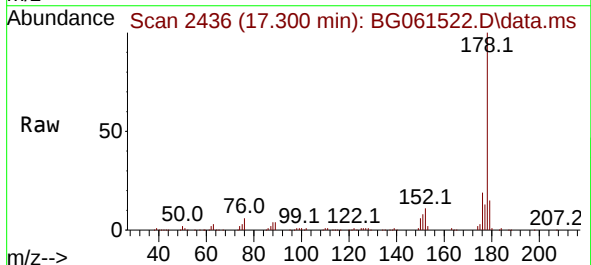
Tgt Ion:152 Resp: 1520
Ion Ratio Lower Upper
152 100
151 24.2 16.2 24.2
153 15.1 10.2 15.4

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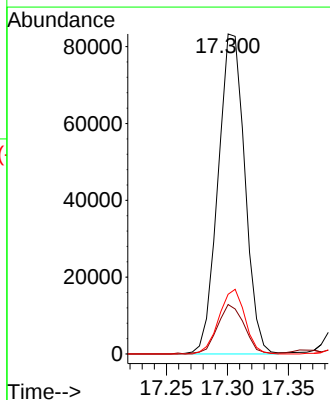
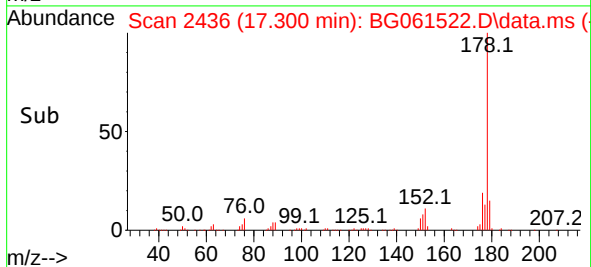
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

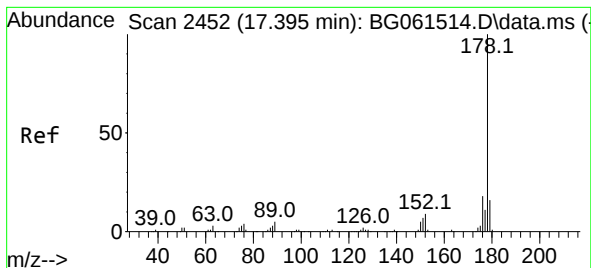


#72
Phenanthrene
Concen: 13.754 ng/ul
RT: 17.300 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BG061522.D
Acq: 6 Jun 2024 23:13



Tgt Ion:178 Resp: 127551
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 18.7 15.5 23.3





#74

Anthracene

Concen: 1.781 ng/ul

RT: 17.394 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BG061522.D

Acq: 6 Jun 2024 23:13

Instrument :

BNA_G

ClientSampleId :

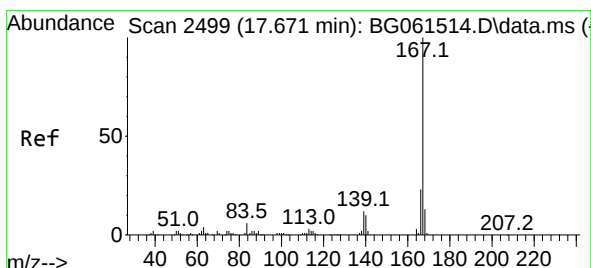
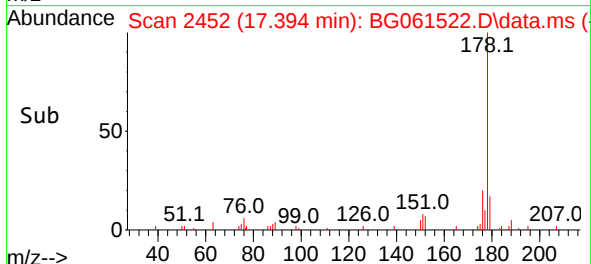
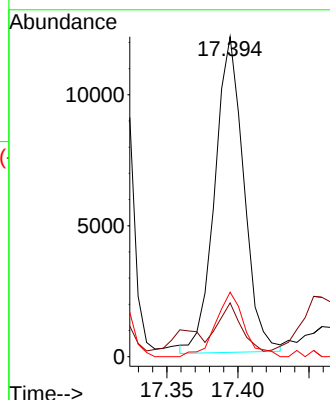
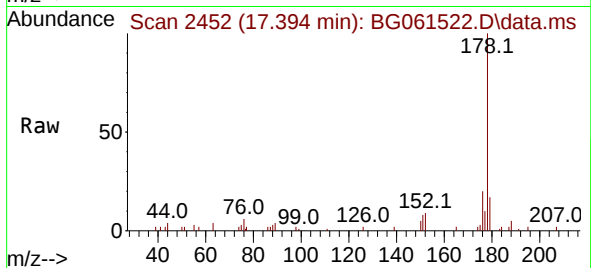
BHBW9

Tgt Ion:	178	Resp:	1707
Ion	Ratio	Lower	Upper
178	100		
179	16.8	11.8	17.6
176	20.1	14.9	22.3

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#77

Carbazole

Concen: 1.435 ng/ul

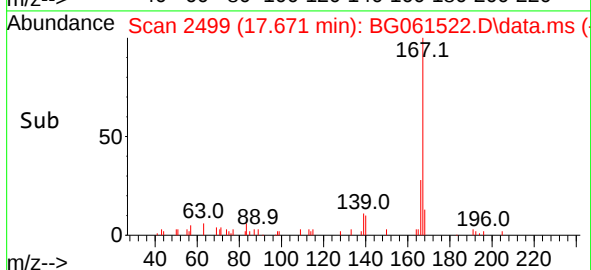
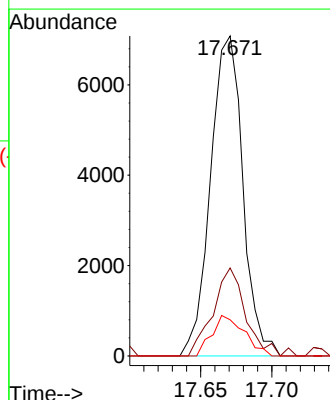
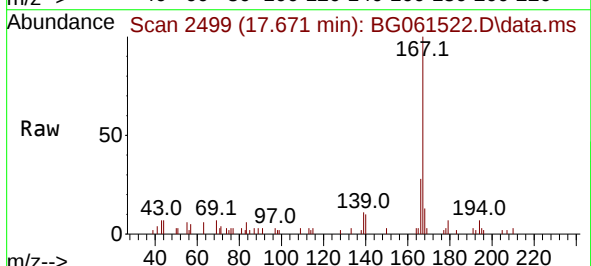
RT: 17.671 min Scan# 2499

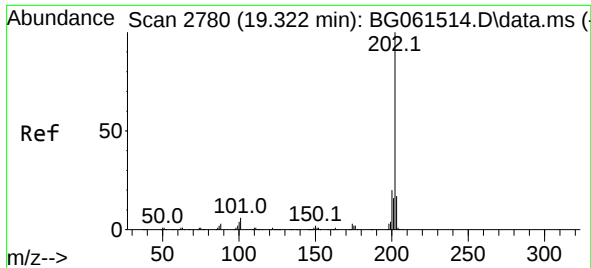
Delta R.T. -0.000 min

Lab File: BG061522.D

Acq: 6 Jun 2024 23:13

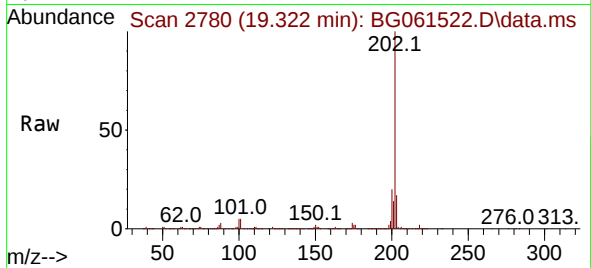
Tgt Ion:	167	Resp:	11194
Ion	Ratio	Lower	Upper
167	100		
166	27.5	18.6	28.0
139	11.3	10.6	15.8





#80
Fluoranthene
Concen: 28.978 ng/ul
RT: 19.322 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG061522.D
Acq: 6 Jun 2024 23:13

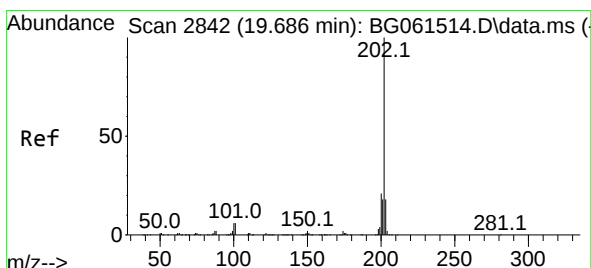
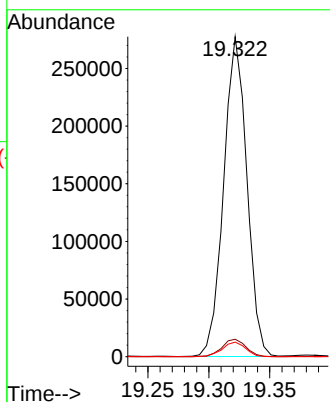
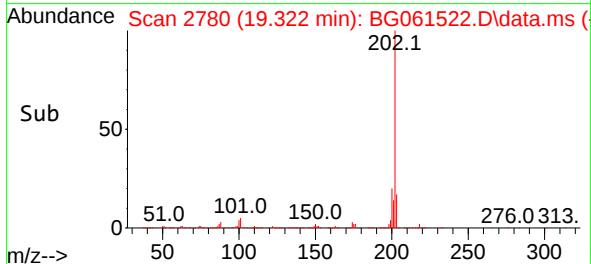
Instrument :
BNA_G
ClientSampleId :
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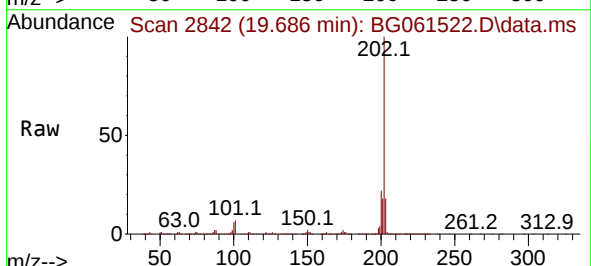
Tgt Ion:202 Resp: 367635
Ion Ratio Lower Upper
202 100
101 5.4 4.8 7.2
100 4.5 4.1 6.1

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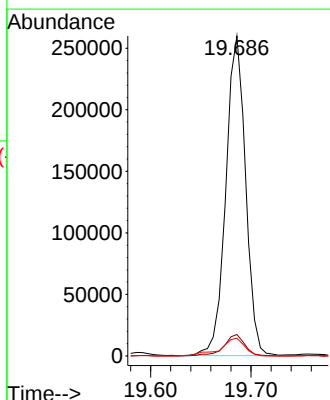
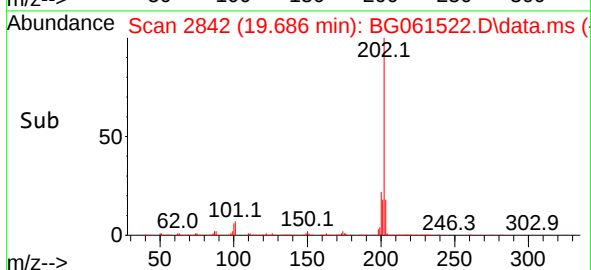
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

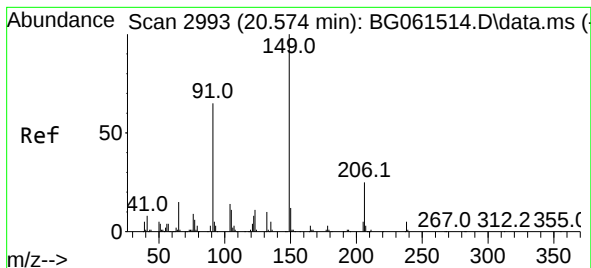


#82
Pyrene
Concen: 26.986 ng/ul
RT: 19.686 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BG061522.D
Acq: 6 Jun 2024 23:13



Tgt Ion:202 Resp: 355375
Ion Ratio Lower Upper
202 100
101 6.7 5.7 8.5
100 5.5 5.1 7.7





#83

Butylbenzylphthalate

Concen: 102.551 ng/ul

RT: 20.573 min Scan# 2993

Delta R.T. -0.000 min

Lab File: BG061522.D

Acq: 6 Jun 2024 23:13

Instrument :

BNA_G

ClientSampleId :

BHBW9

Tgt Ion:149 Resp: 463929

Ion Ratio Lower Upper

149 100

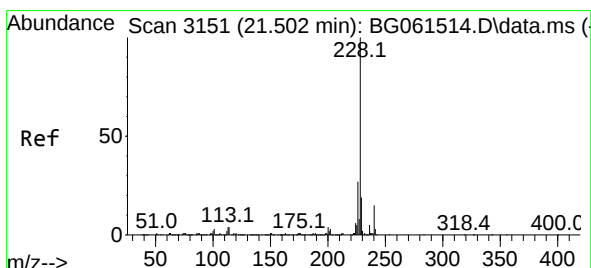
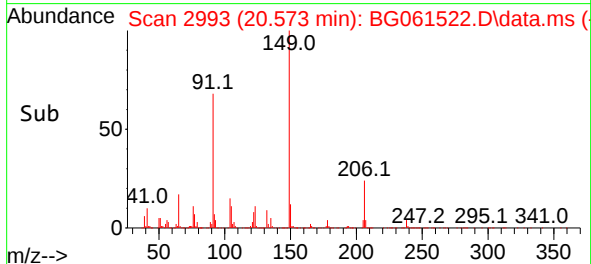
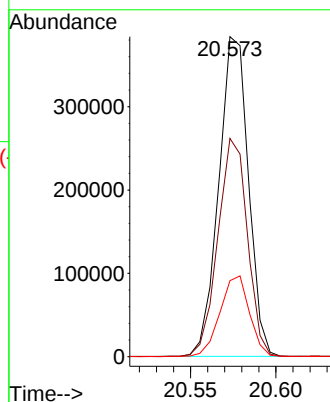
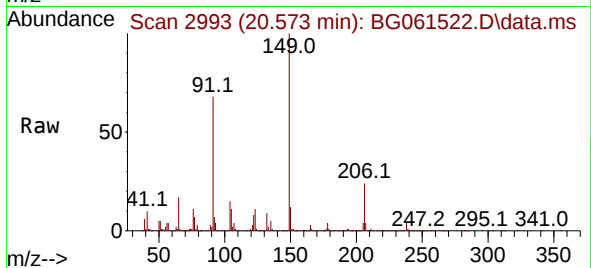
91 68.2 54.8 82.2

206 23.7 19.4 29.0

Manual Integrations

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Supervised By :mohammad ahmed 06/08/2024



#85

Benzo(a)anthracene

Concen: 15.840 ng/ul

RT: 21.501 min Scan# 3151

Delta R.T. -0.000 min

Lab File: BG061522.D

Acq: 6 Jun 2024 23:13

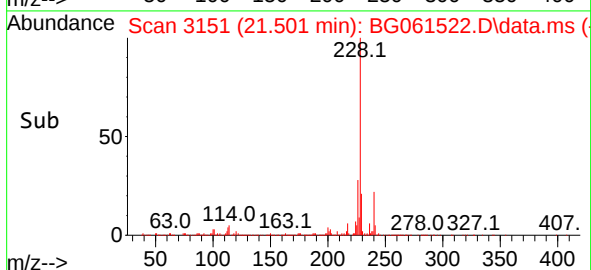
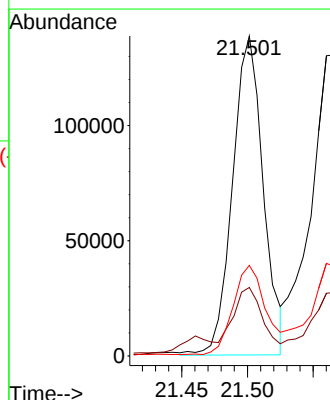
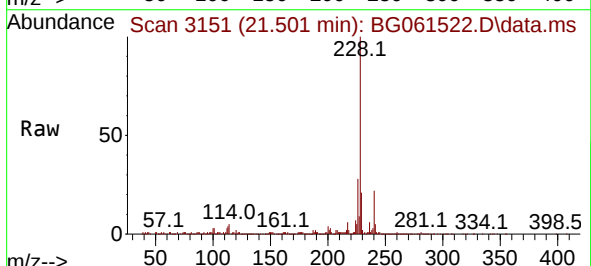
Tgt Ion:228 Resp: 225120

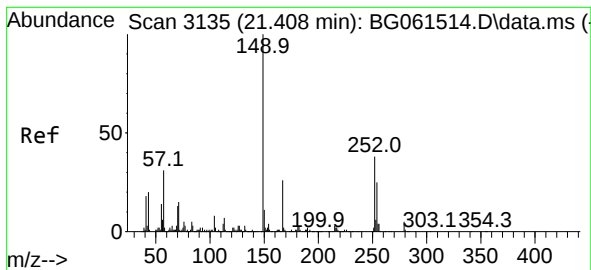
Ion Ratio Lower Upper

228 100

229 21.4 15.2 22.8

226 28.3 21.4 32.2





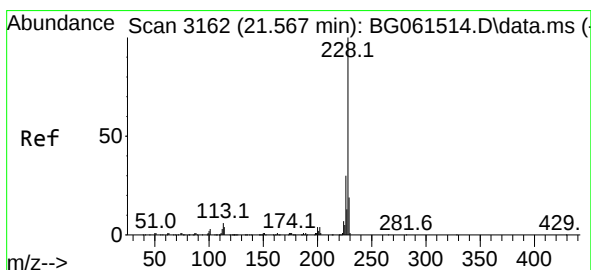
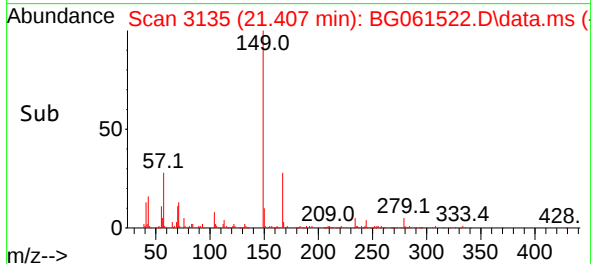
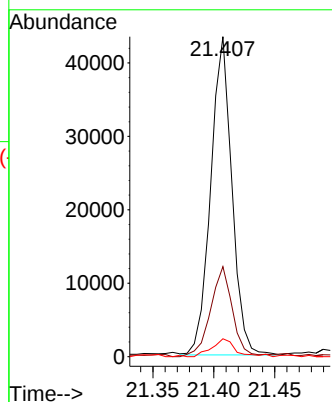
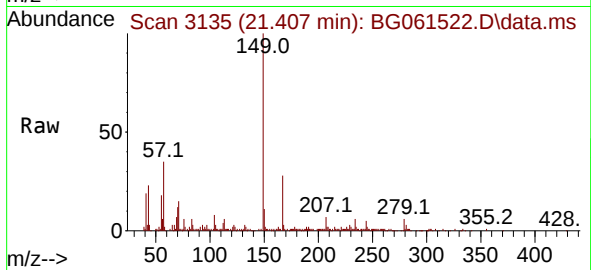
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 7.826 ng/ul
 RT: 21.407 min Scan# 3135
 Delta R.T. -0.000 min
 Lab File: BG061522.D
 Acq: 6 Jun 2024 23:13

Instrument :
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Tgt Ion:149 Resp: 52408
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.1 31.7
 279 5.6 3.3 4.9

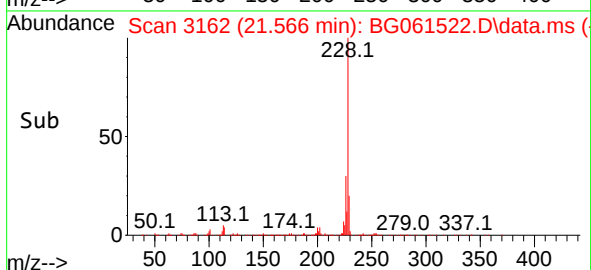
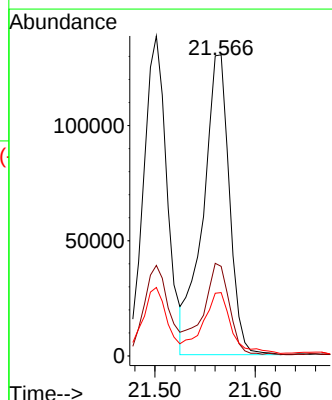
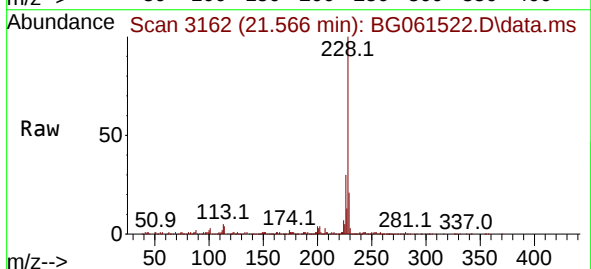
Manual Integrations
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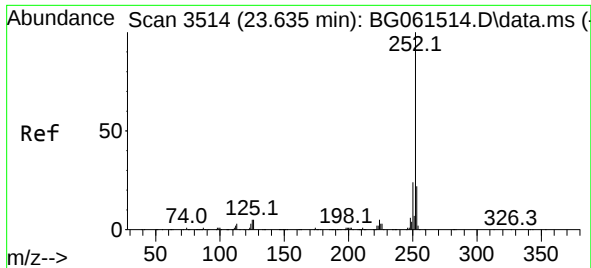
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#87
 Chrysene
 Concen: 18.229 ng/ul
 RT: 21.566 min Scan# 3162
 Delta R.T. -0.000 min
 Lab File: BG061522.D
 Acq: 6 Jun 2024 23:13

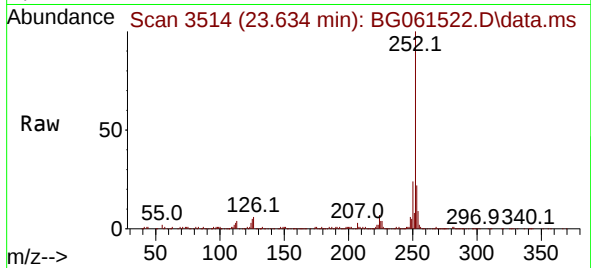
Tgt Ion:228 Resp: 238541
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.4 35.0
 229 21.0 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 23.169 ng/ul
RT: 23.634 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BG061522.D
Acq: 6 Jun 2024 23:13

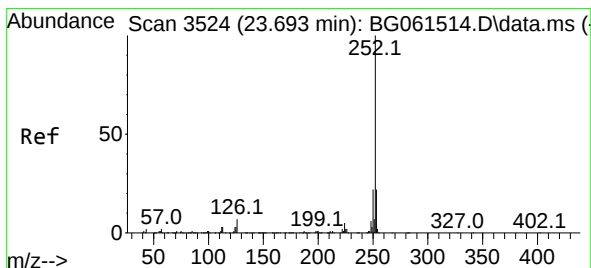
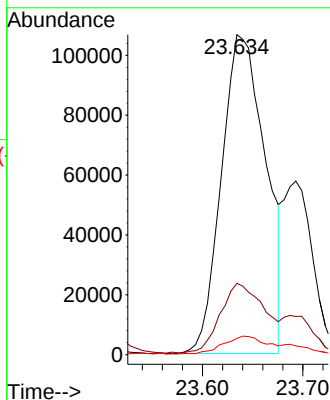
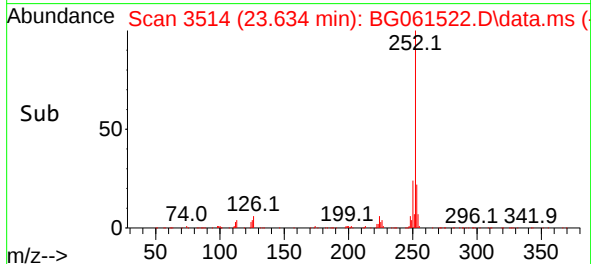
Instrument :
BNA_G
ClientSampleId :
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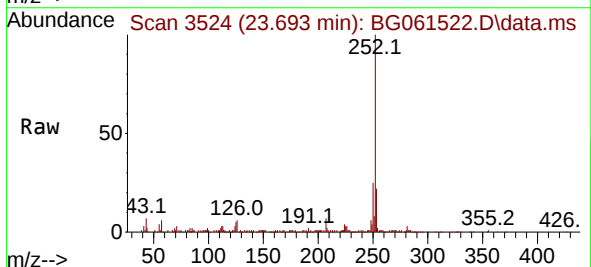
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Ion Ratio Lower Upper
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253 22.3 17.8 26.8
125 5.1 4.6 6.8

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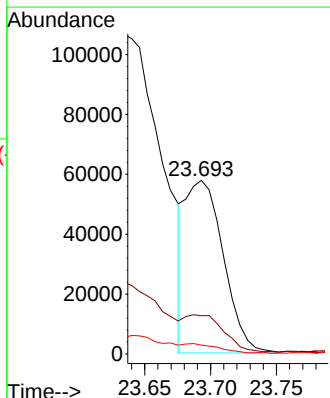
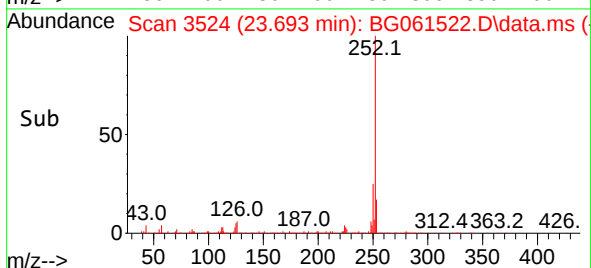
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

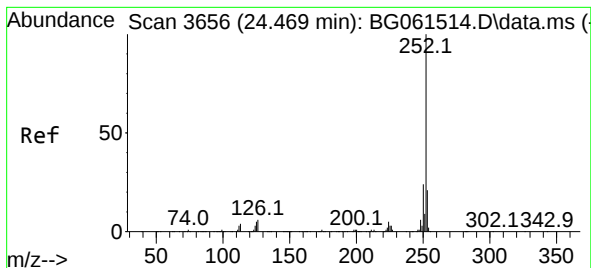


#91
Benzo(k)fluoranthene
Concen: 8.151 ng/ul m
RT: 23.693 min Scan# 3524
Delta R.T. -0.006 min
Lab File: BG061522.D
Acq: 6 Jun 2024 23:13



Tgt Ion:252 Resp: 116220
Ion Ratio Lower Upper
252 100
253 22.0 16.0 24.0
125 5.1 4.3 6.5





#93

Benzo(a)pyrene

Concen: 17.358 ng/ul

RT: 24.469 min Scan# 3656

Delta R.T. -0.000 min

Lab File: BG061522.D

Acq: 6 Jun 2024 23:13

Instrument :

BNA_G

ClientSampleId :

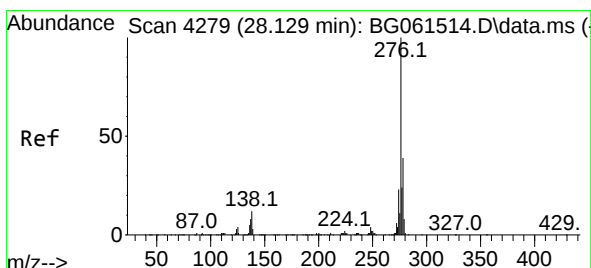
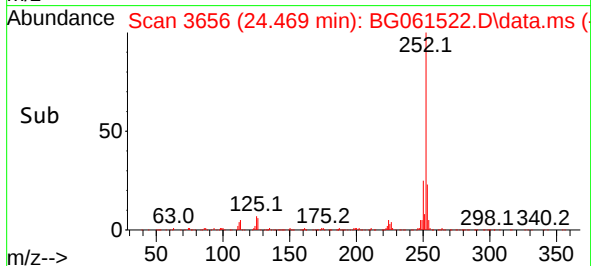
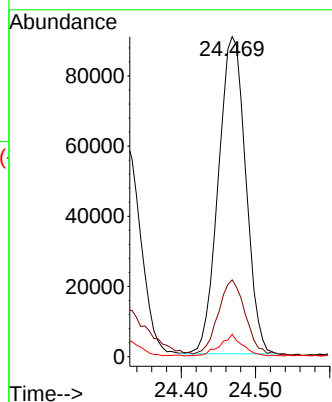
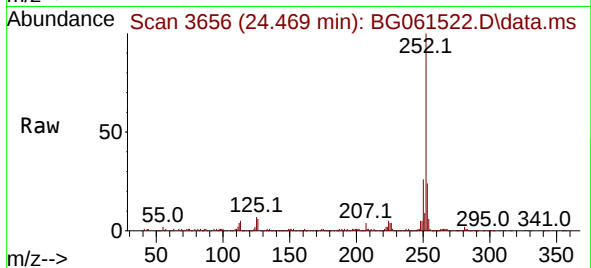
BHBW9

Tgt Ion:252 Resp: 23148
 Ion Ratio Lower Upper
 252 100
 253 24.0 16.4 24.6
 125 7.0 4.3 6.5

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.856 ng/ul

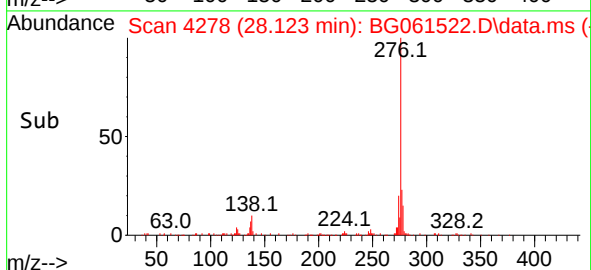
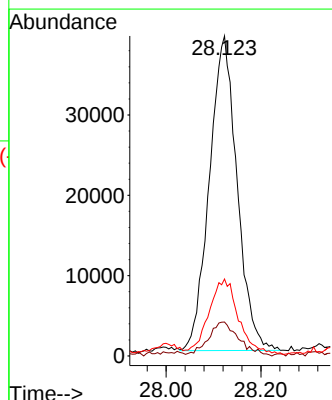
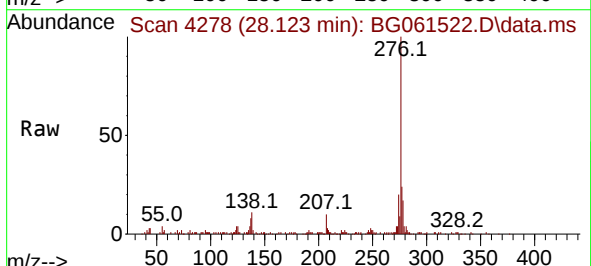
RT: 28.123 min Scan# 4278

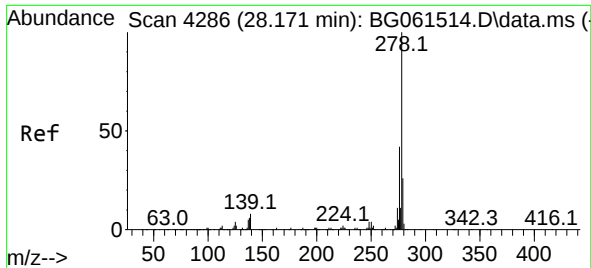
Delta R.T. -0.012 min

Lab File: BG061522.D

Acq: 6 Jun 2024 23:13

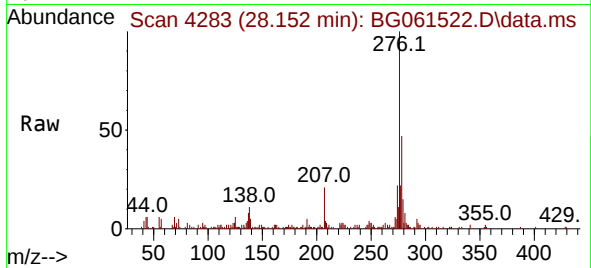
Tgt Ion:276 Resp: 158950
 Ion Ratio Lower Upper
 276 100
 138 10.6 8.6 13.0
 277 24.0 19.7 29.5





#95
 Dibenzo(a,h)anthracene
 Concen: 3.315 ng/ul m
 RT: 28.152 min Scan# 441
 Delta R.T. -0.018 min
 Lab File: BG061522.D
 Acq: 6 Jun 2024 23:13

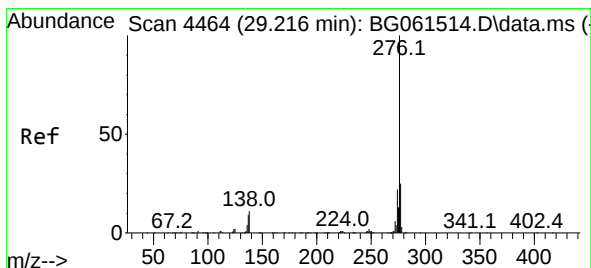
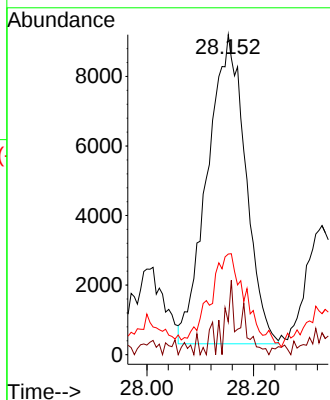
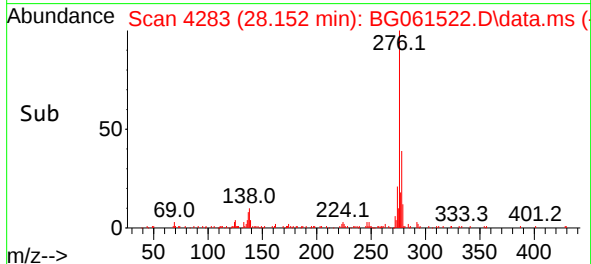
Instrument :
 BNA_G
 ClientSampleId :
 BHBW9



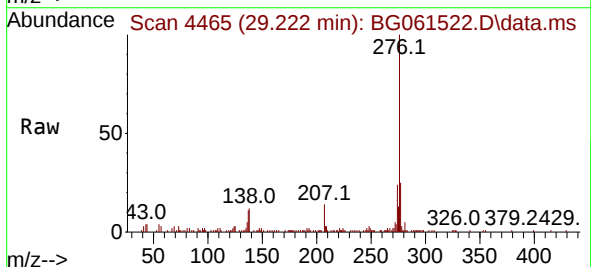
Tgt Ion:278 Resp: 44089
 Ion Ratio Lower Upper
 278 100
 139 10.3 6.4 9.6
 279 31.4 19.9 29.9

Manual Integrations
 APPROVED

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



#96
 Benzo(g,h,i)perylene
 Concen: 11.116 ng/ul m
 RT: 29.222 min Scan# 4465
 Delta R.T. -0.000 min
 Lab File: BG061522.D
 Acq: 6 Jun 2024 23:13



Tgt Ion:276 Resp: 142620
 Ion Ratio Lower Upper
 276 100
 138 11.9 8.7 13.1
 277 24.9 18.2 27.2

