

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061415.D
 Acq On : 1 Jun 2024 6:32
 Operator : MA/JU
 Sample : P2549-23DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBNI1DL

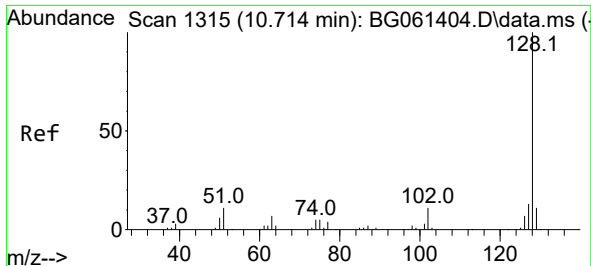
Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

Quant Time: Jun 02 23:04:04 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

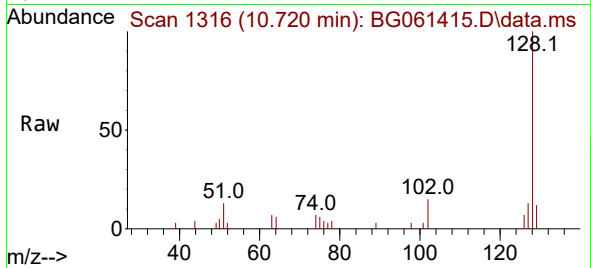
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	28829	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	120836	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	99915	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	238111	20.000	ng/ul	0.00
79) Chrysene-d12	21.513	240	242284	20.000	ng/ul	0.00
88) Perylene-d12	24.603	264	283762	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.734	84	5387	2.939	ng/ul	0.00
7) Phenol-d5	7.059	99	10495	4.433	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	6319	4.247	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	7449	4.251	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	7623	3.776	ng/ul	0.00
21) Nitrobenzene-d5	9.027	128	3883	4.174	ng/ul	0.00
24) 2-Nitrophenol-d4	9.750	143	4605	4.229	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.302	165	10344	4.873	ng/ul	0.00
31) 4-Chloroaniline-d4	10.802	131	4188	1.508	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	34298	4.426	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	37745	4.685	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	2806	2.929	ng/ul	0.02
60) Fluorene-d10	15.502	176	31100	4.648	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	1948	1.353	ng/ul	0.01
73) Anthracene-d10	17.359	188	52197m	4.972	ng/ul	0.00
81) Pyrene-d10	19.650	212	61754	4.964	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.386	264	65173	4.777	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.720	128	10546	1.654	ng/ul	98
36) 2-Methylnaphthalene	12.329	142	4929	1.066	ng/ul	99
50) Acenaphthylene	14.233	152	16333m	1.828	ng/ul	
52) Acenaphthene	14.568	153	10395	1.774	ng/ul	94
56) Dibenzofuran	14.909	168	17090	2.040	ng/ul	98
61) Fluorene	15.555	166	18403	2.538	ng/ul	96
72) Phenanthrene	17.300	178	375705	32.509	ng/ul	99
74) Anthracene	17.394	178	61830	5.174	ng/ul	96
77) Carbazole	17.664	167	34184	3.517	ng/ul	99
80) Fluoranthene	19.321	202	656712	44.005	ng/ul	99
82) Pyrene	19.680	202	556393	35.918	ng/ul	99
85) Benzo(a)anthracene	21.495	228	330123	19.747	ng/ul	98
87) Chrysene	21.560	228	358941	23.318	ng/ul	95
90) Benzo(b)fluoranthene	23.628	252	446066	26.402	ng/ul	100
91) Benzo(k)fluoranthene	23.687	252	162173m	9.455	ng/ul	
93) Benzo(a)pyrene	24.456	252	304384	18.973	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.111	276	203769	10.503	ng/ul	95
95) Dibenzo(a,h)anthracene	28.146	278	57266m	3.580	ng/ul	
96) Benzo(g,h,i)perylene	29.204	276	180893	11.720	ng/ul	95

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



#30
Naphthalene
Concen: 1.654 ng/ul
RT: 10.720 min Scan# 1315
Delta R.T. 0.001 min
Lab File: BG061415.D
Acq: 1 Jun 2024 6:32

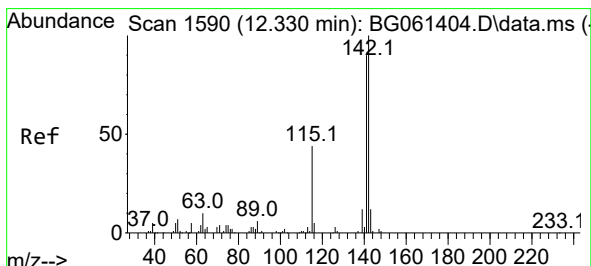
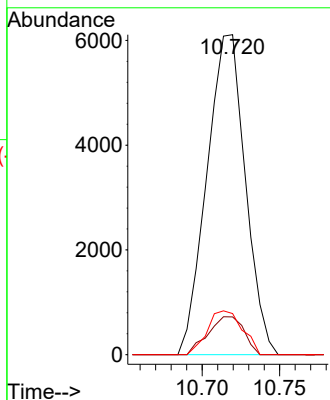
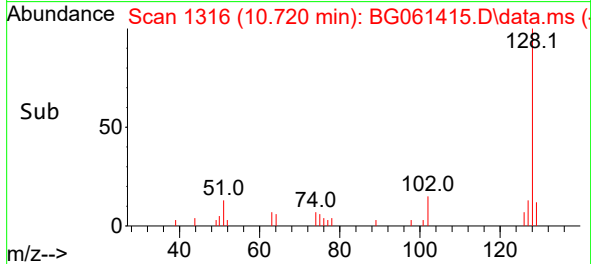
Instrument :
BNA_G
ClientSampleId :
BHBN1DL



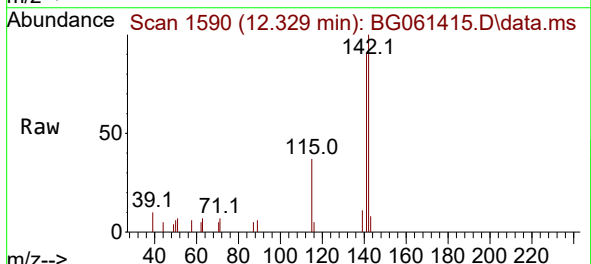
Tgt Ion:128 Resp: 10540
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 12.9 10.8 16.2

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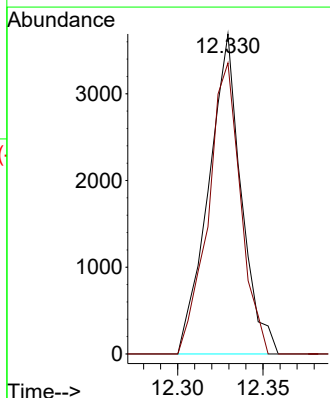
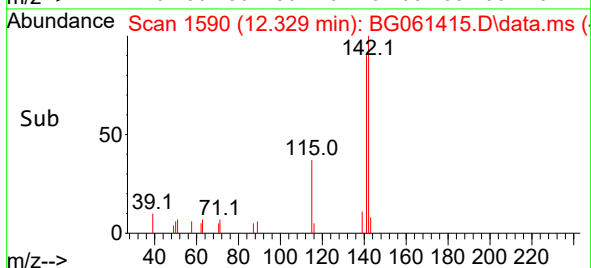
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

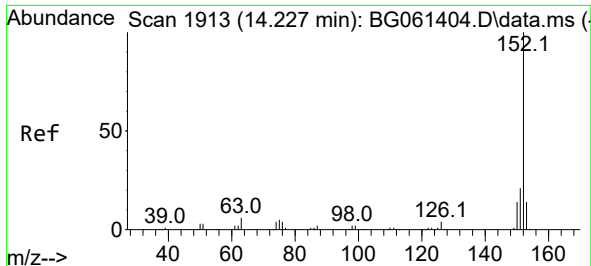


#36
2-Methylnaphthalene
Concen: 1.066 ng/ul
RT: 12.329 min Scan# 1590
Delta R.T. 0.001 min
Lab File: BG061415.D
Acq: 1 Jun 2024 6:32



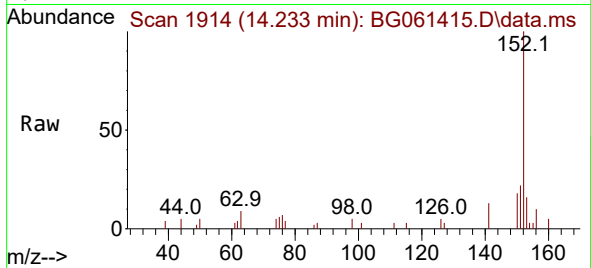
Tgt Ion:142 Resp: 4929
Ion Ratio Lower Upper
142 100
141 90.9 72.2 108.2





#50
Acenaphthylene
Concen: 1.828 ng/ul m
RT: 14.233 min Scan# 1913
Delta R.T. 0.001 min
Lab File: BG061415.D
Acq: 1 Jun 2024 6:32

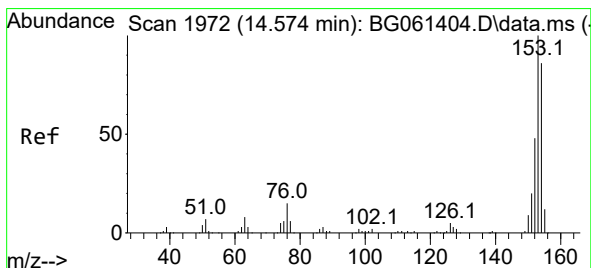
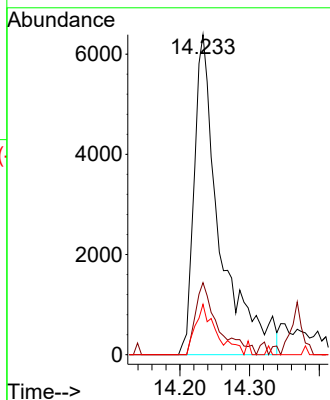
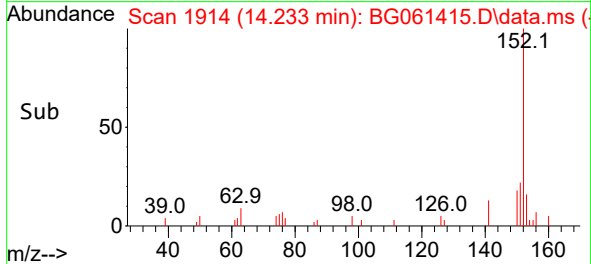
Instrument :
BNA_G
ClientSampleId :
BHBN1DL



Tgt Ion:152 Resp: 1633
Ion Ratio Lower Upper
152 100
151 22.5 16.2 24.2
153 15.8 10.2 15.4

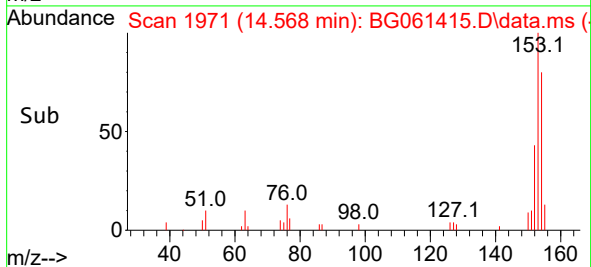
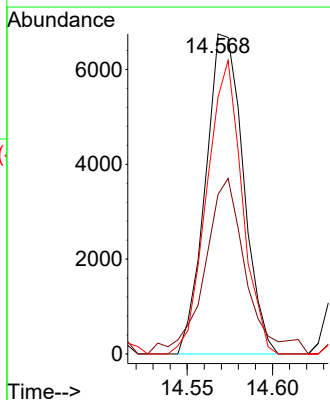
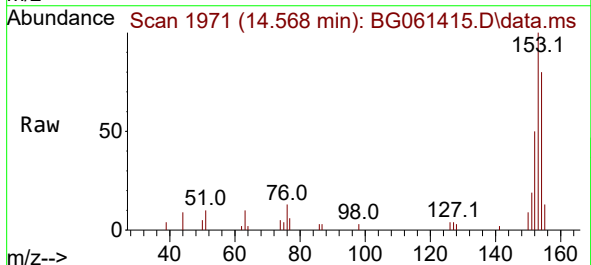
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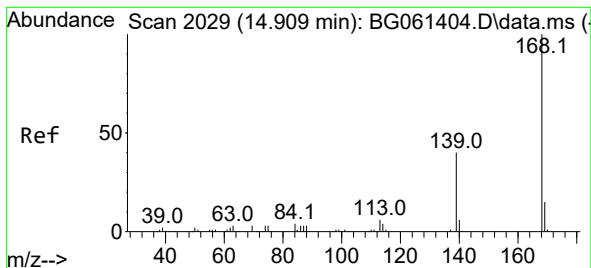
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#52
Acenaphthene
Concen: 1.774 ng/ul
RT: 14.568 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BG061415.D
Acq: 1 Jun 2024 6:32

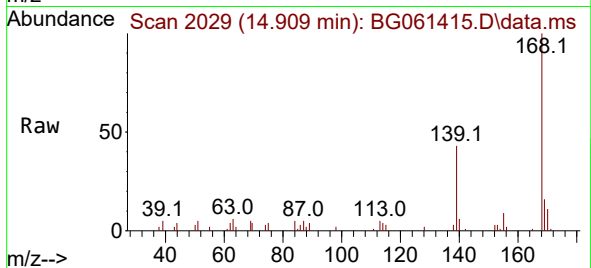
Tgt Ion:153 Resp: 10395
Ion Ratio Lower Upper
153 100
152 49.9 37.8 56.8
154 80.3 69.0 103.6





#56
Dibenzenofuran
Concen: 2.040 ng/ul
RT: 14.909 min Scan# 2029
Delta R.T. 0.001 min
Lab File: BG061415.D
Acq: 1 Jun 2024 6:32

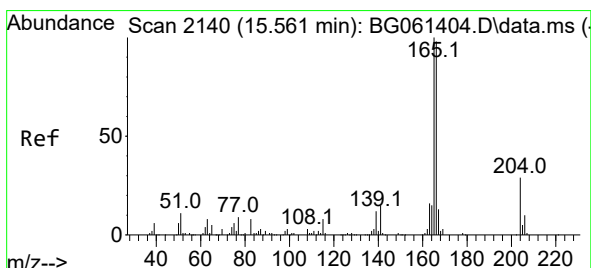
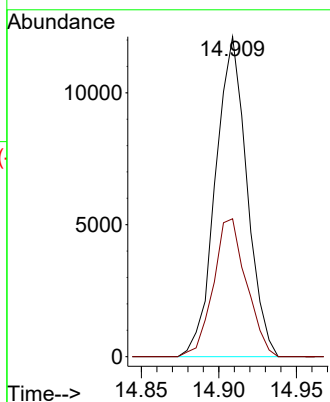
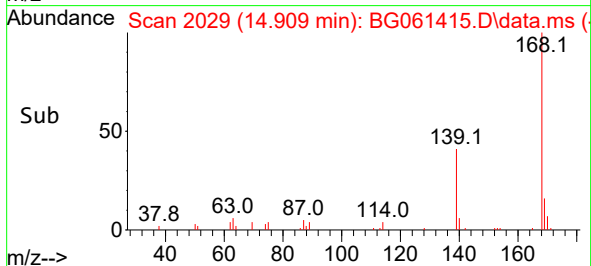
Instrument :
BNA_G
ClientSampleId :
BHBN1DL



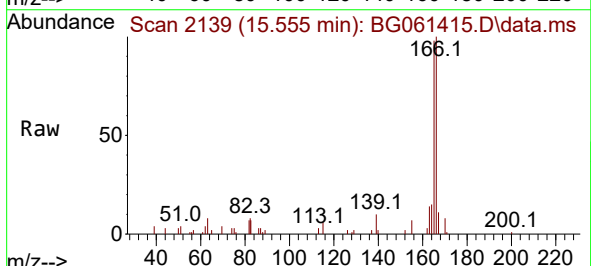
Tgt Ion:168 Resp: 17090
Ion Ratio Lower Upper
168 100
139 43.1 33.4 50.2

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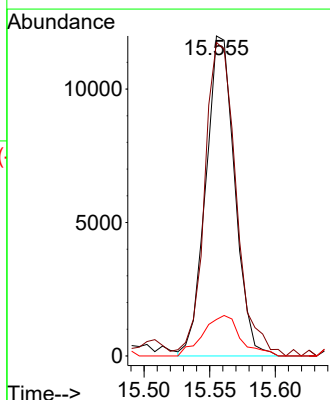
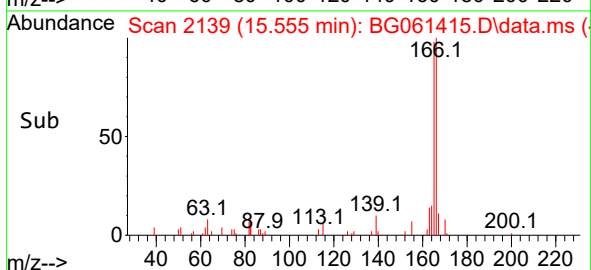
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

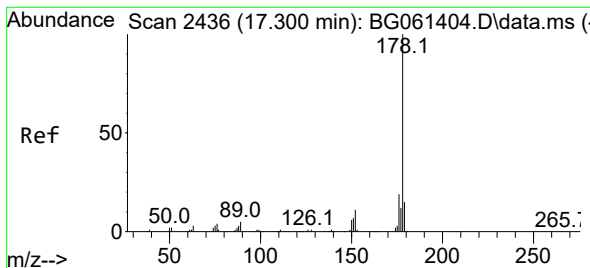


#61
Fluorene
Concen: 2.538 ng/ul
RT: 15.555 min Scan# 2139
Delta R.T. -0.005 min
Lab File: BG061415.D
Acq: 1 Jun 2024 6:32



Tgt Ion:166 Resp: 18403
Ion Ratio Lower Upper
166 100
165 97.9 81.8 122.8
167 11.4 10.6 16.0





#72

Phenanthrene

Concen: 32.509 ng/uI

RT: 17.300 min Scan# 2436

Delta R.T. 0.001 min

Lab File: BG061415.D

Acq: 1 Jun 2024 6:32

Instrument :

BNA_G

ClientSampleId :

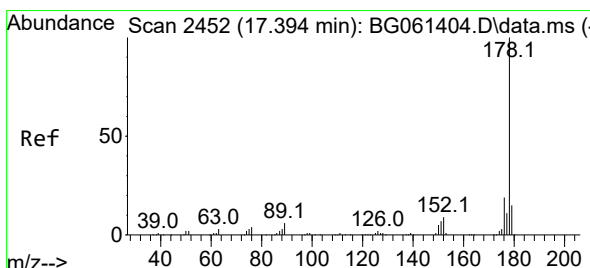
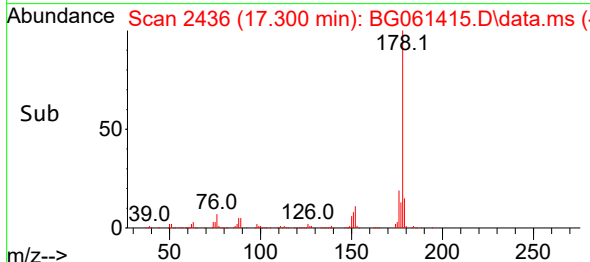
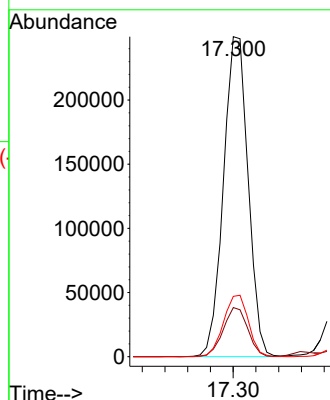
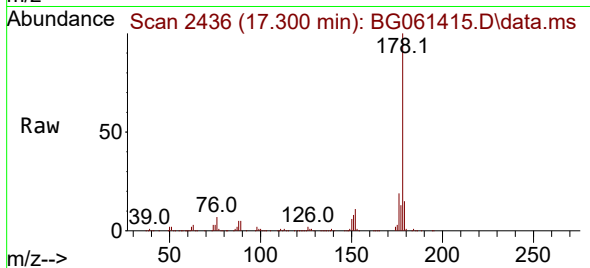
BHBN1DL

Tgt Ion:	178	Resp:	37570
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.7	19.1
176	18.9	15.5	23.3

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Supervised By :mohammad ahmed 06/04/2024



#74

Anthracene

Concen: 5.174 ng/uI

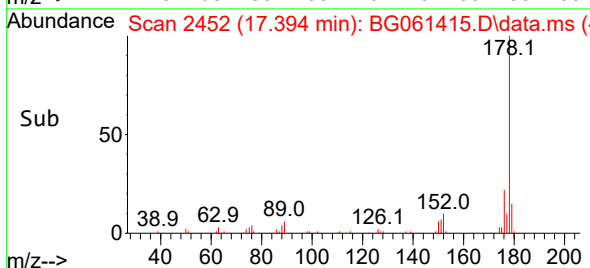
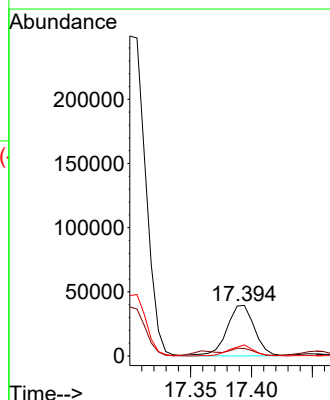
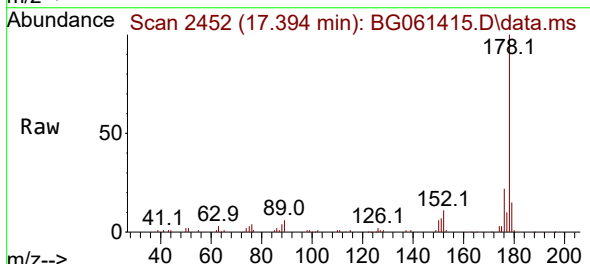
RT: 17.394 min Scan# 2452

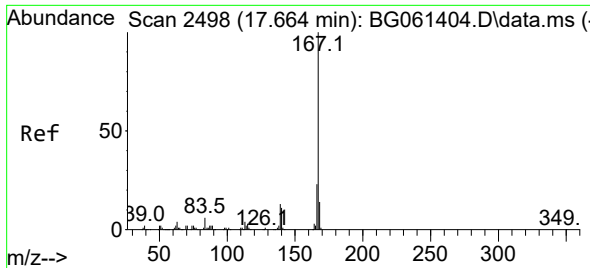
Delta R.T. 0.001 min

Lab File: BG061415.D

Acq: 1 Jun 2024 6:32

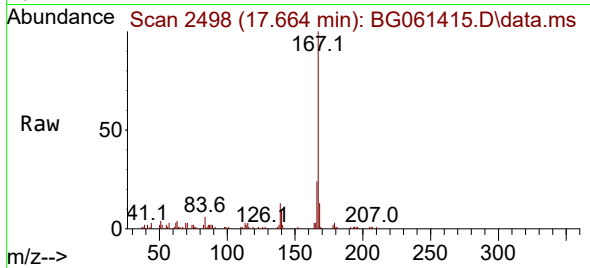
Tgt Ion:	178	Resp:	61830
Ion Ratio	Lower	Upper	
178	100		
179	14.9	11.8	17.6
176	22.0	14.9	22.3





#77
 Carbazole
 Concen: 3.517 ng/ul
 RT: 17.664 min Scan# 2498
 Delta R.T. 0.001 min
 Lab File: BG061415.D
 Acq: 1 Jun 2024 6:32

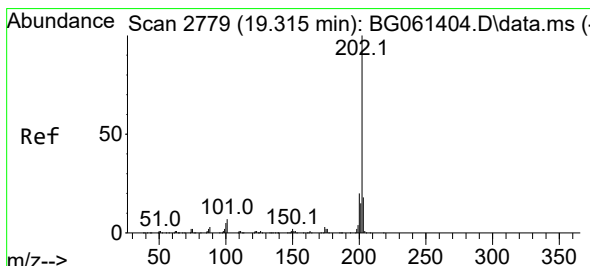
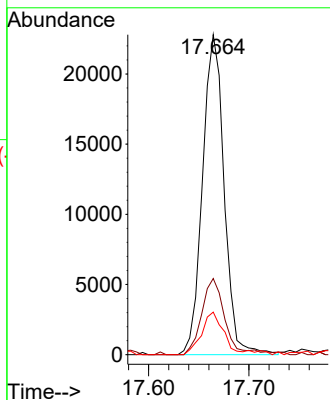
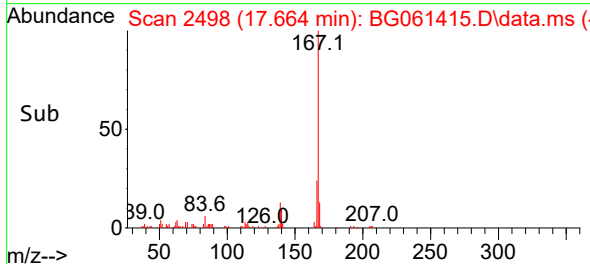
Instrument :
 BNA_G
 ClientSampleId :
 BHBN1DL



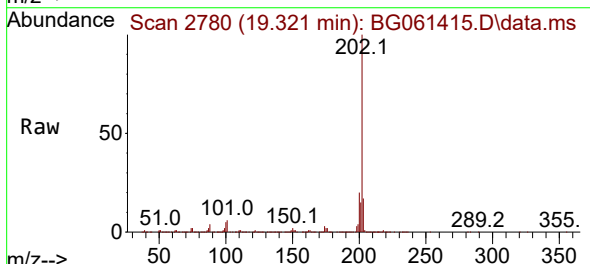
Tgt Ion:167 Resp: 34184
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.6 28.0
 139 13.3 10.6 15.8

Manual Integrations
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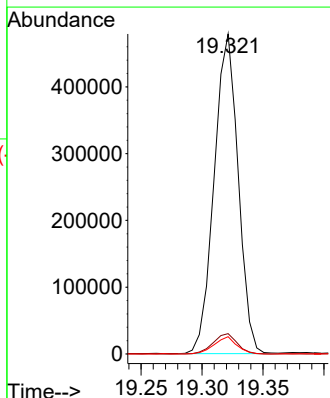
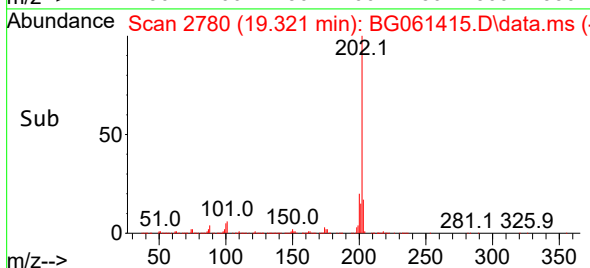
Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

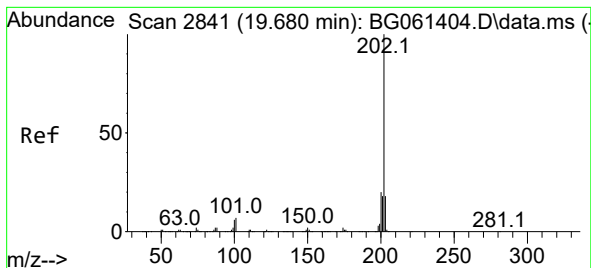


#80
 Fluoranthene
 Concen: 44.005 ng/ul
 RT: 19.321 min Scan# 2780
 Delta R.T. 0.007 min
 Lab File: BG061415.D
 Acq: 1 Jun 2024 6:32



Tgt Ion:202 Resp: 656712
 Ion Ratio Lower Upper
 202 100
 101 6.3 4.8 7.2
 100 5.4 4.1 6.1





#82

Pyrene

Concen: 35.918 ng/ul

RT: 19.680 min Scan# 2841

Delta R.T. 0.001 min

Lab File: BG061415.D

Acq: 1 Jun 2024 6:32

Instrument :

BNA_G

ClientSampleId :

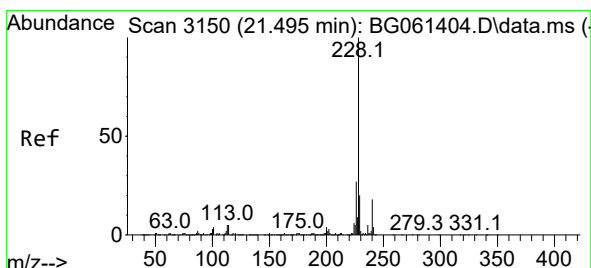
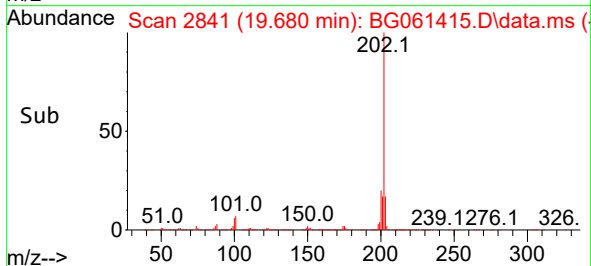
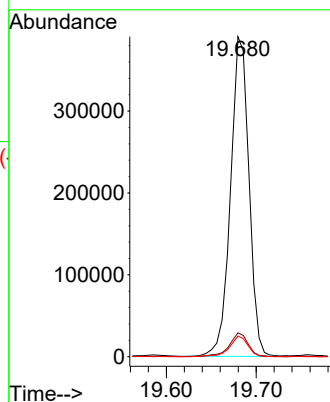
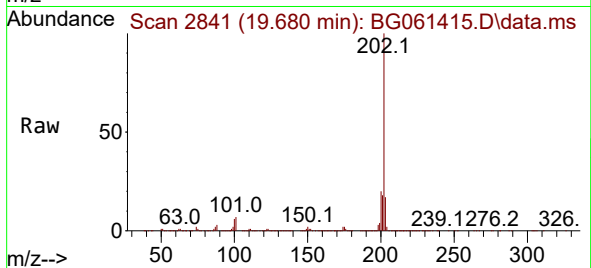
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Tgt Ion:	202	Resp:	55639
Ion Ratio	Lower	Upper	
202	100		
101	7.4	5.7	8.5
100	6.4	5.1	7.7

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 19.747 ng/ul

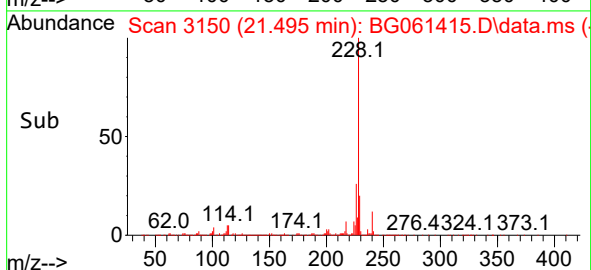
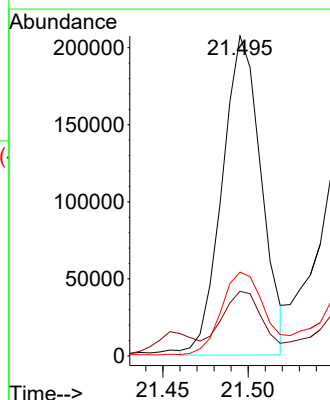
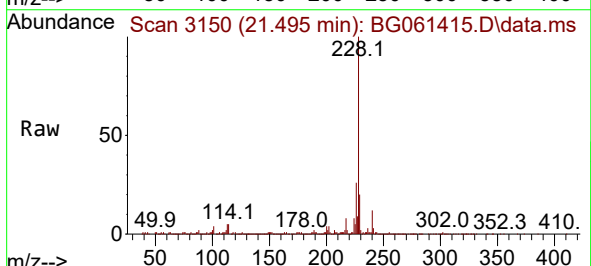
RT: 21.495 min Scan# 3150

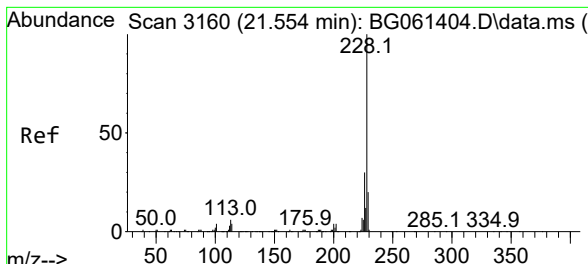
Delta R.T. 0.001 min

Lab File: BG061415.D

Acq: 1 Jun 2024 6:32

Tgt Ion:	228	Resp:	330123
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.2	22.8
226	26.2	21.4	32.2





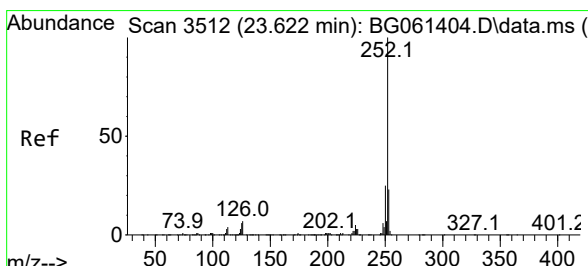
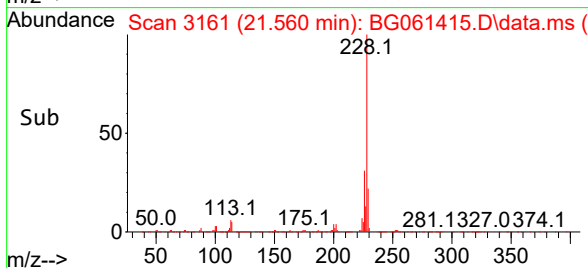
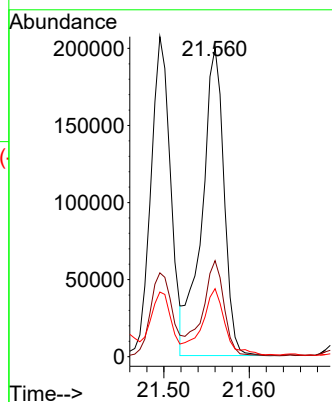
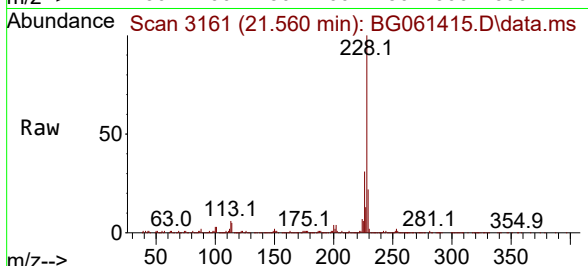
#87
Chrysene
Concen: 23.318 ng/ul
RT: 21.560 min Scan# 3161
Delta R.T. 0.007 min
Lab File: BG061415.D
Acq: 1 Jun 2024 6:32

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

Tgt Ion:228 Resp: 35894
Ion Ratio Lower Upper
228 100
226 31.1 23.4 35.0
229 22.1 15.4 23.2

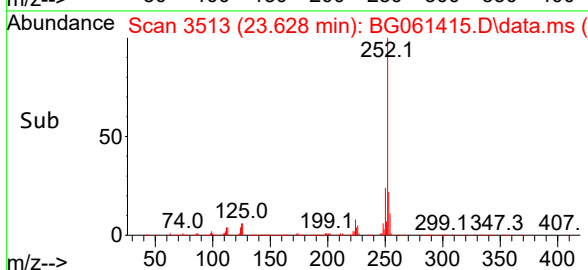
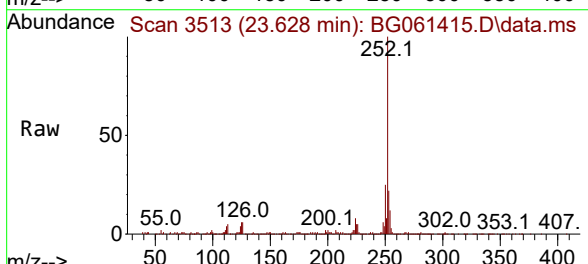
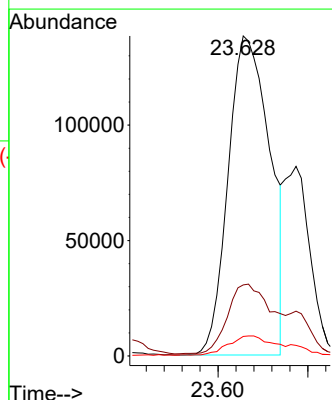
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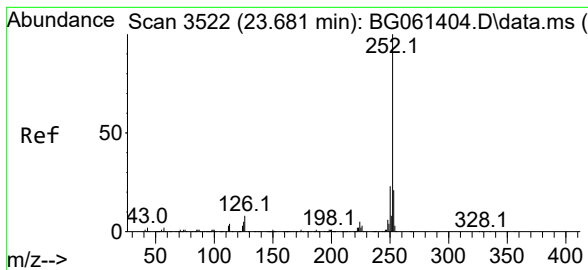
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#90
Benzo(b)fluoranthene
Concen: 26.402 ng/ul
RT: 23.628 min Scan# 3513
Delta R.T. 0.013 min
Lab File: BG061415.D
Acq: 1 Jun 2024 6:32

Tgt Ion:252 Resp: 446066
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 6.1 4.6 6.8





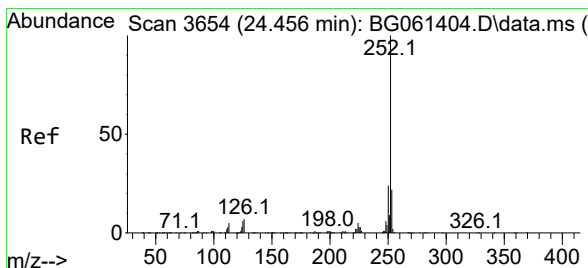
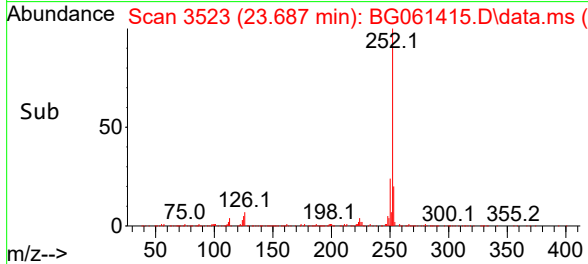
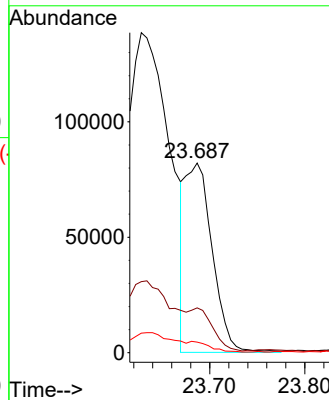
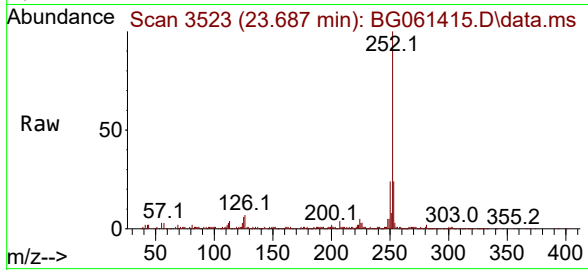
#91
Benzo(k)fluoranthene
Concen: 9.455 ng/ul m
RT: 23.687 min Scan# 3522
Delta R.T. 0.007 min
Lab File: BG061415.D
Acq: 1 Jun 2024 6:32

Instrument :
BNA_G
ClientSampleId :
BHBN1DL

Tgt Ion:252 Resp: 16217
Ion Ratio Lower Upper
252 100
253 23.6 16.0 24.0
125 5.6 4.3 6.5

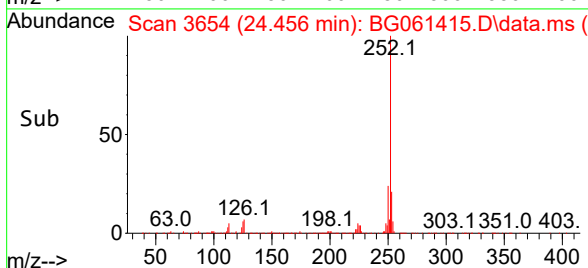
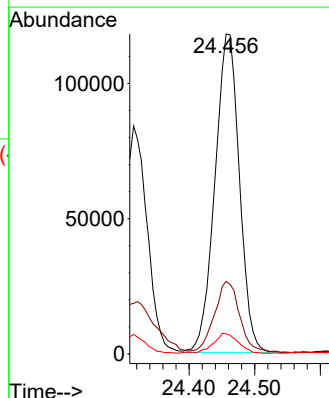
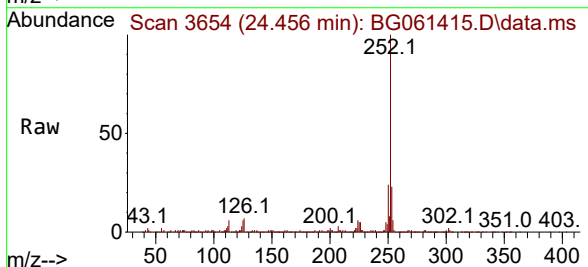
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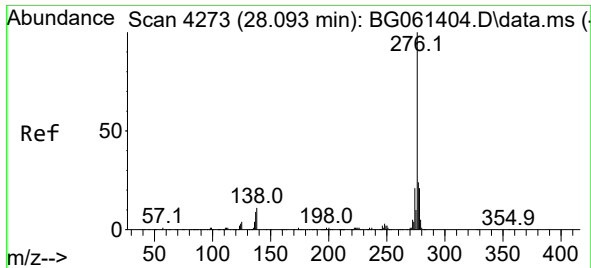
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#93
Benzo(a)pyrene
Concen: 18.973 ng/ul
RT: 24.456 min Scan# 3654
Delta R.T. 0.007 min
Lab File: BG061415.D
Acq: 1 Jun 2024 6:32

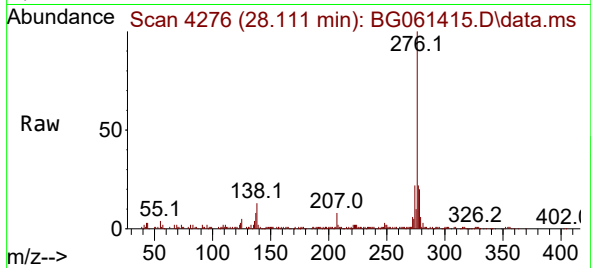
Tgt Ion:252 Resp: 304384
Ion Ratio Lower Upper
252 100
253 22.7 16.4 24.6
125 6.3 4.3 6.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 10.503 ng/ul
 RT: 28.111 min Scan# 4276
 Delta R.T. 0.018 min
 Lab File: BG061415.D
 Acq: 1 Jun 2024 6:32

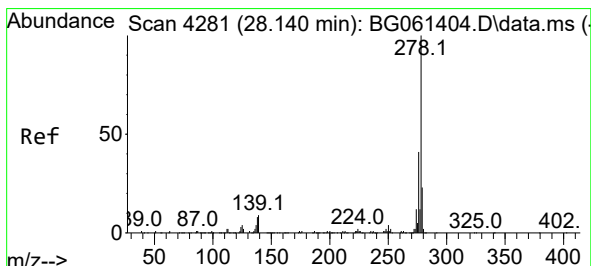
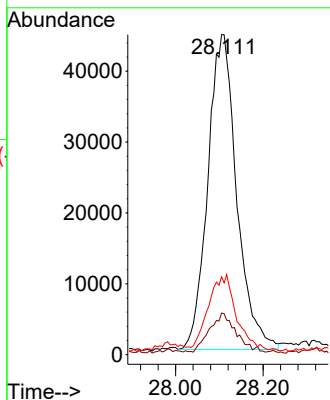
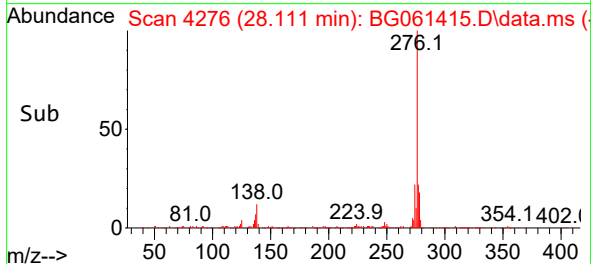
Instrument :
 BNA_G
 ClientSampleId :
 BHBNI1DL



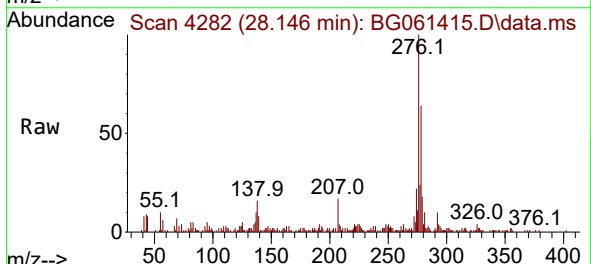
Tgt Ion:276 Resp: 203769
 Ion Ratio Lower Upper
 276 100
 138 12.8 8.6 13.0
 277 22.4 19.7 29.5

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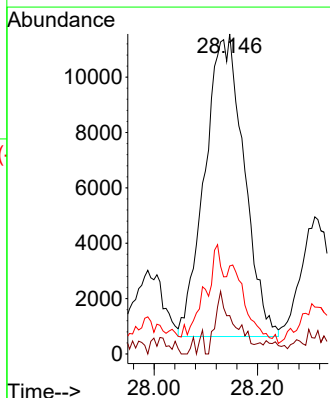
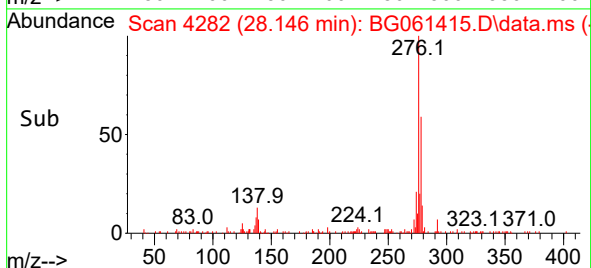
Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

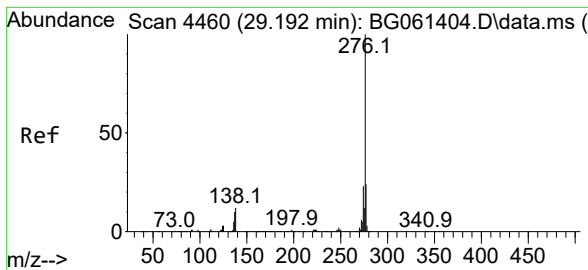


#95
 Dibenzo(a,h)anthracene
 Concen: 3.580 ng/ul m
 RT: 28.146 min Scan# 4282
 Delta R.T. 0.007 min
 Lab File: BG061415.D
 Acq: 1 Jun 2024 6:32



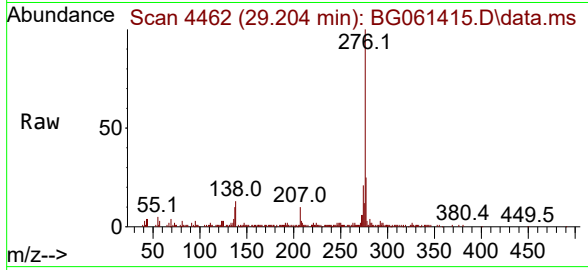
Tgt Ion:278 Resp: 57266
 Ion Ratio Lower Upper
 278 100
 139 12.0 6.4 9.6#
 279 27.5 19.9 29.9





#96
 Benzo(g,h,i)perylene
 Concen: 11.720 ng/ul
 RT: 29.204 min Scan# 4462
 Delta R.T. 0.030 min
 Lab File: BG061415.D
 Acq: 1 Jun 2024 6:32

Instrument :
 BNA_G
 ClientSampleId :
 BHBN1DL



Tgt Ion:276 Resp: 18089
 Ion Ratio Lower Upper
 276 100
 138 13.1 8.7 13.1
 277 24.7 18.2 27.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

