

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061536.D
 Acq On : 7 Jun 2024 16:53
 Operator : MA/JU
 Sample : P2591-11MEDL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBQ2MEDL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 07 23:20:09 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	7.868	152	27650	20.000	ng/u1	0.00
20) Naphthalene-d8	10.670	136	115216	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.513	164	91312	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.268	188	210152	20.000	ng/u1	0.00
79) Chrysene-d12	21.528	240	221598	20.000	ng/u1	0.00
88) Perylene-d12	24.636	264	258757	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.743	84	2514m	1.430	ng/u1	-0.03
7) Phenol-d5	7.063	99	11558	5.090	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	6644	4.655	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.415	132	9112	5.422	ng/u1	0.00
15) 4-Methylphenol-d8	8.602	113	9826	5.075	ng/u1	0.00
21) Nitrobenzene-d5	9.031	128	4634	5.224	ng/u1	0.00
24) 2-Nitrophenol-d4	9.754	143	5468	5.267	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.312	165	11882	5.871	ng/u1	0.00
31) 4-Chloroaniline-d4	10.811	131	12139	4.584	ng/u1	0.00
46) Dimethylphthalate-d6	13.919	166	40262	5.685	ng/u1	0.00
49) Acenaphthylene-d8	14.207	160	43654	5.929	ng/u1	0.00
54) 4-Nitrophenol-d4	14.777	143	2686	3.068	ng/u1	0.02
60) Fluorene-d10	15.506	176	36451	5.962	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.368	188	59273m	6.398	ng/u1	0.00
81) Pyrene-d10	19.660	212	63785	5.606	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.413	264	56545	4.545	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.717	128	8159	1.342	ng/u1#	92
52) Acenaphthene	14.577	153	6908	1.290	ng/u1	90
56) Dibenzofuran	14.912	168	12336	1.611	ng/u1	96
61) Fluorene	15.564	166	9766	1.474	ng/u1	97
72) Phenanthrene	17.310	178	237247	23.260	ng/u1	99
74) Anthracene	17.404	178	49279	4.673	ng/u1	98
77) Carbazole	17.674	167	25472	2.969	ng/u1	97
80) Fluoranthene	19.331	202	383406	28.089	ng/u1	99
82) Pyrene	19.695	202	247818	17.491	ng/u1#	97
85) Benzo(a)anthracene	21.510	228	192562	12.594	ng/u1	97
87) Chrysene	21.575	228	160209	11.379	ng/u1	96
90) Benzo(b)fluoranthene	23.655	252	199067	12.921	ng/u1	98
91) Benzo(k)fluoranthene	23.714	252	87241m	5.578	ng/u1	
93) Benzo(a)pyrene	24.483	252	82559	5.643	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.150	276	67512m	3.816	ng/u1	
95) Dibenzo(a,h)anthracene	28.185	278	25999m	1.782	ng/u1	

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

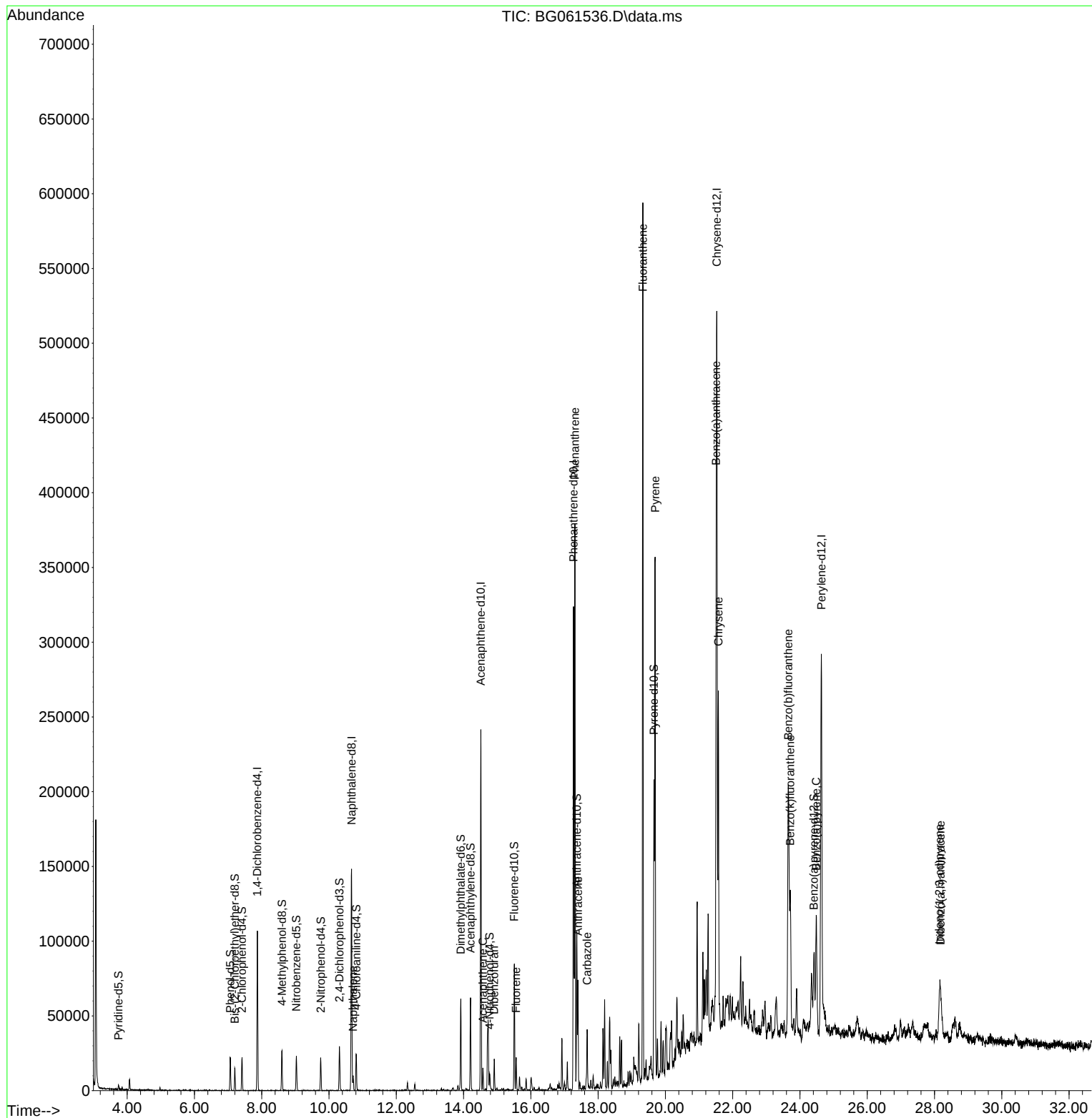
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061536.D
Acq On : 7 Jun 2024 16:53
Operator : MA/JU
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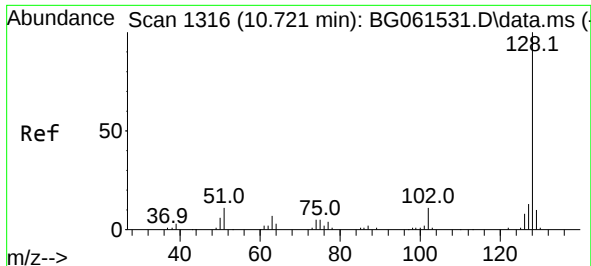
Instrument :
BNA_G
ClientSampleId :
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Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 07 23:20:09 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
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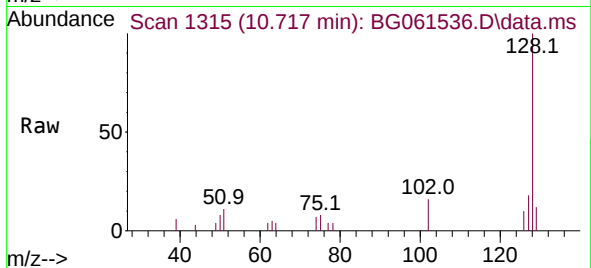
#30
Naphthalene
Concen: 1.342 ng/ul
RT: 10.717 min Scan# 1315
Delta R.T. -0.003 min
Lab File: BG061536.D
Acq: 7 Jun 2024 16:53

Instrument :

BNA_G

ClientSampleId :

BHBQ2MEDL



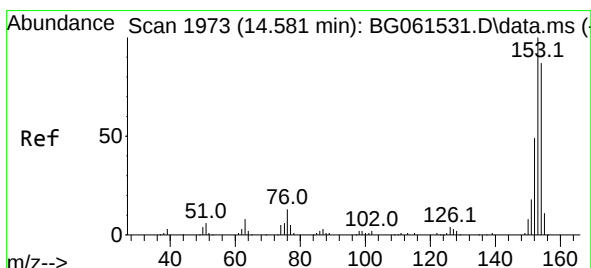
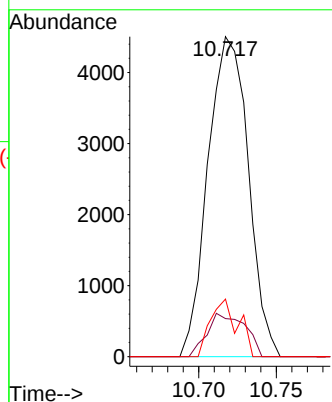
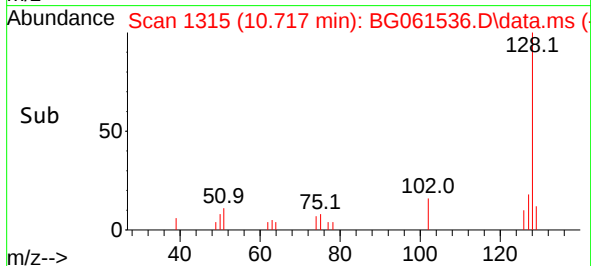
Tgt Ion:128 Resp: 815
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 18.0 10.8 16.2

Manual Integrations

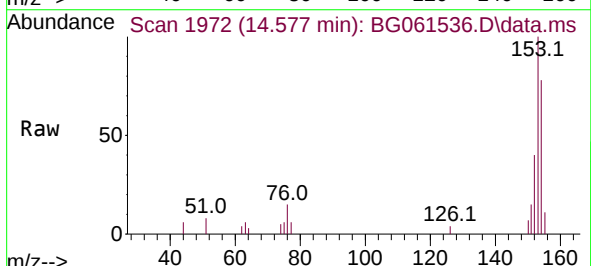
APPROVED

Reviewed By :Yogesh Patel 06/08/2024

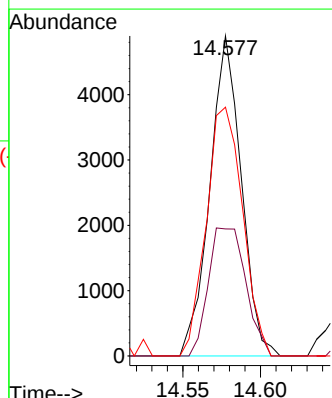
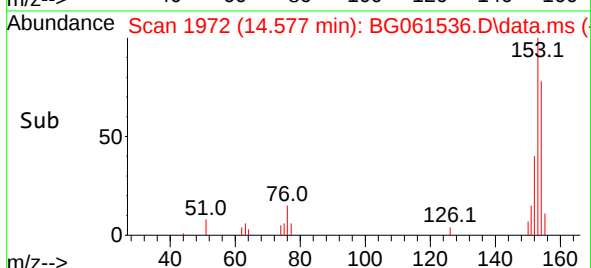
Supervised By :mohammad ahmed 06/10/2024

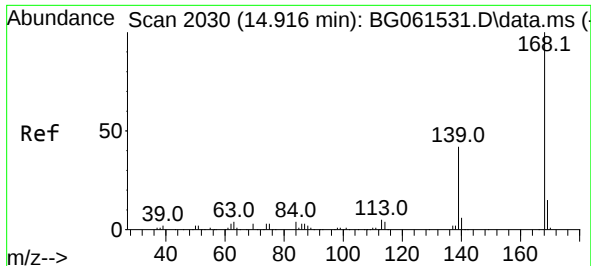


#52
Acenaphthene
Concen: 1.290 ng/ul
RT: 14.577 min Scan# 1772
Delta R.T. 0.003 min
Lab File: BG061536.D
Acq: 7 Jun 2024 16:53



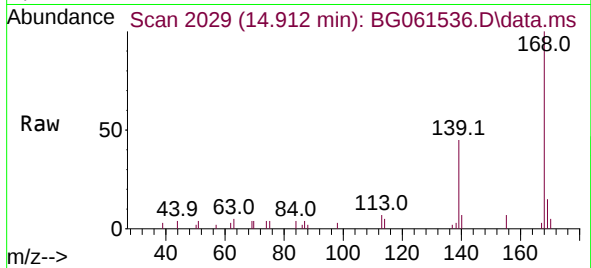
Tgt Ion:153 Resp: 6908
Ion Ratio Lower Upper
153 100
152 39.7 37.8 56.8
154 77.8 69.0 103.6





#56
Dibenzenofuran
Concen: 1.611 ng/ul
RT: 14.912 min Scan# 2030
Delta R.T. 0.003 min
Lab File: BG061536.D
Acq: 7 Jun 2024 16:53

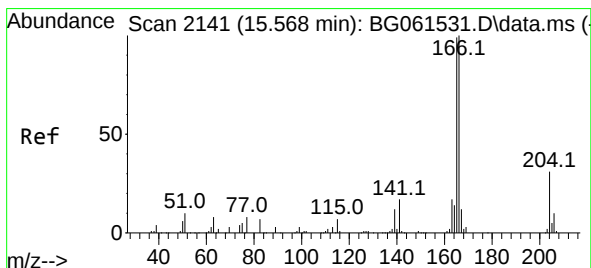
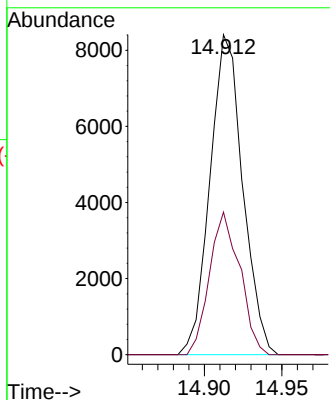
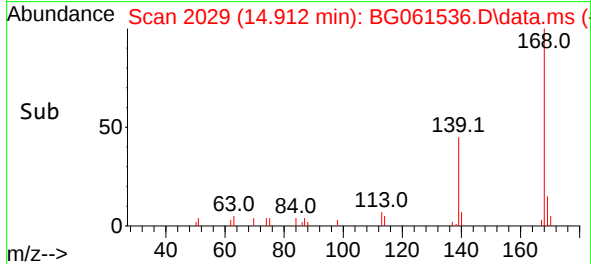
Instrument :
BNA_G
ClientSampleId :
BHBQ2MEDL



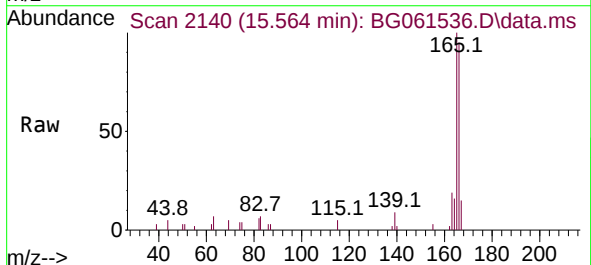
Tgt Ion:168 Resp: 12330
Ion Ratio Lower Upper
168 100
139 44.6 33.4 50.2

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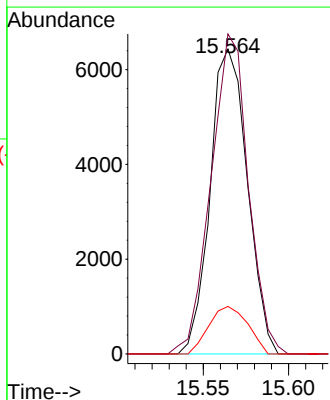
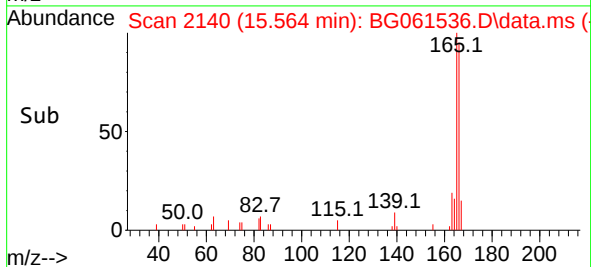
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

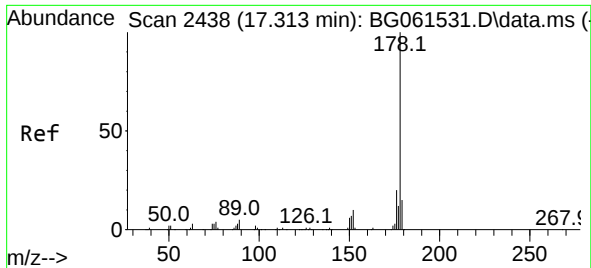


#61
Fluorene
Concen: 1.474 ng/ul
RT: 15.564 min Scan# 2140
Delta R.T. 0.003 min
Lab File: BG061536.D
Acq: 7 Jun 2024 16:53



Tgt Ion:166 Resp: 9766
Ion Ratio Lower Upper
166 100
165 104.9 81.8 122.8
167 15.6 10.6 16.0





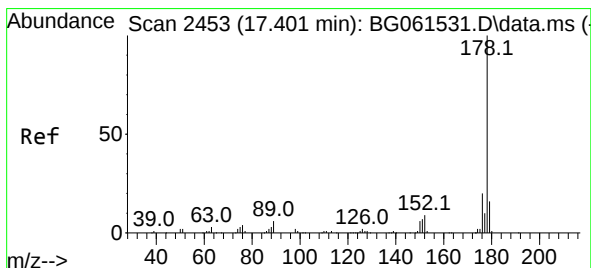
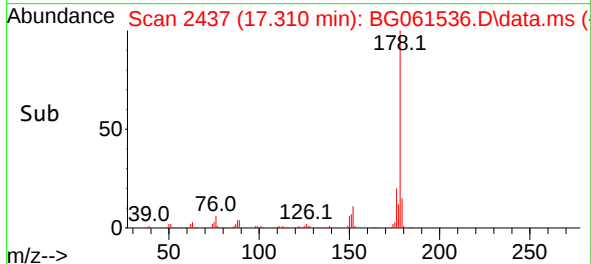
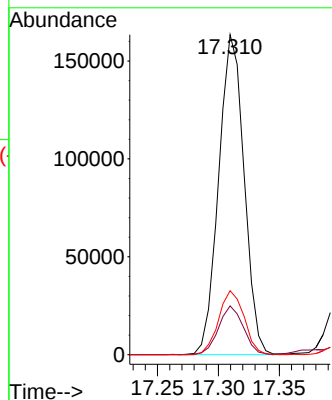
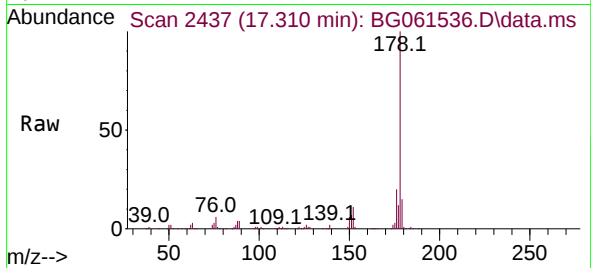
#72
Phenanthrene
Concen: 23.260 ng/u1
RT: 17.310 min Scan# 2437
Delta R.T. 0.003 min
Lab File: BG061536.D
Acq: 7 Jun 2024 16:53

Instrument :
BNA_G
ClientSampleId :
BHBQ2MEDL

Tgt Ion:178 Resp: 23724
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 20.0 15.5 23.3

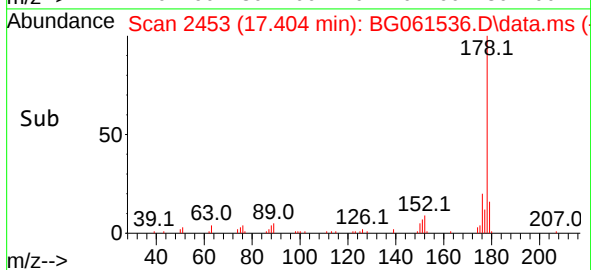
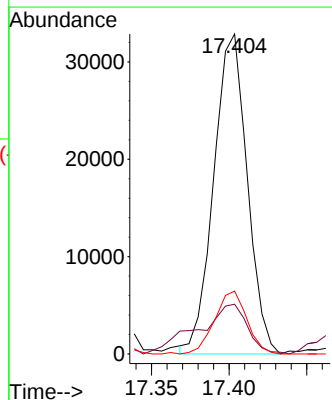
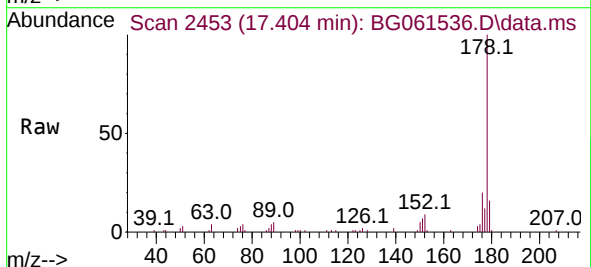
Manual Integrations
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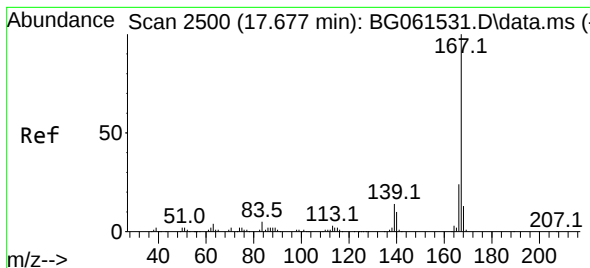
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#74
Anthracene
Concen: 4.673 ng/u1
RT: 17.404 min Scan# 2453
Delta R.T. 0.009 min
Lab File: BG061536.D
Acq: 7 Jun 2024 16:53

Tgt Ion:178 Resp: 49279
Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.6
176 19.6 14.9 22.3





#77

Carbazole

Concen: 2.969 ng/ul

RT: 17.674 min Scan# 2499

Delta R.T. 0.003 min

Lab File: BG061536.D

Acq: 7 Jun 2024 16:53

Instrument :

BNA_G

ClientSampleId :

BHBQ2MEDL

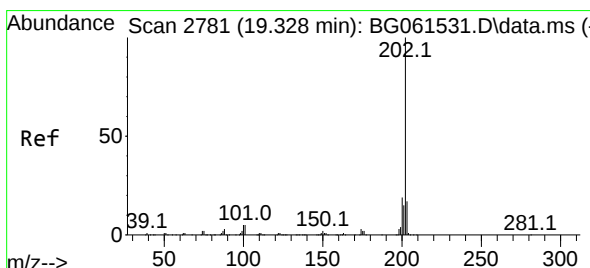
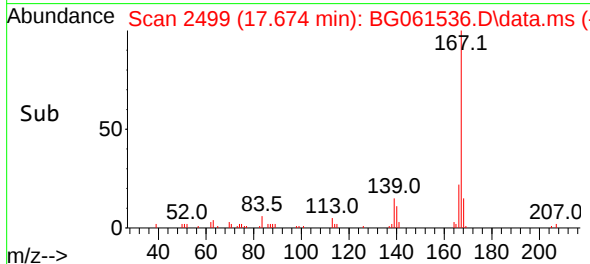
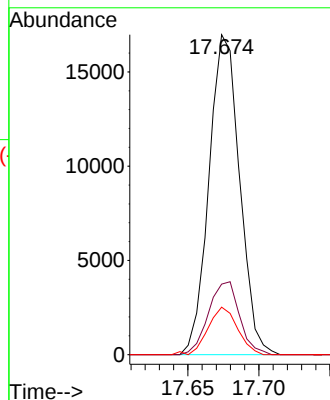
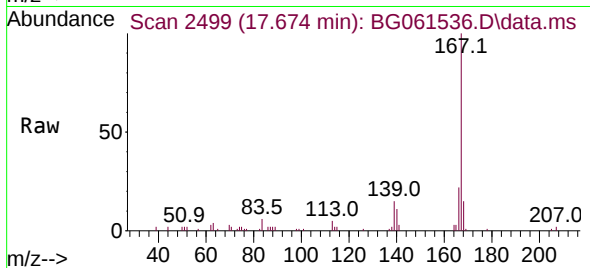
Tgt Ion:	167	Resp:	2547
Ion Ratio	Lower	Upper	
167	100		
166	22.0	18.6	28.0
139	14.8	10.6	15.8

Manual Integrations

APPROVED

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#80

Fluoranthene

Concen: 28.089 ng/ul

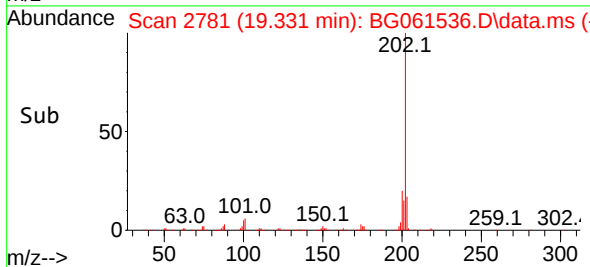
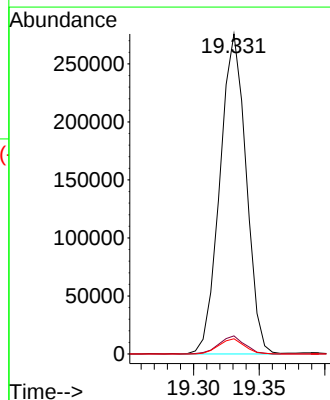
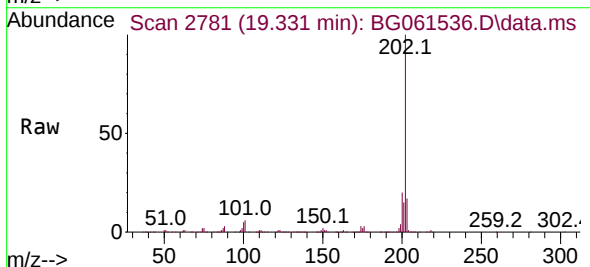
RT: 19.331 min Scan# 2781

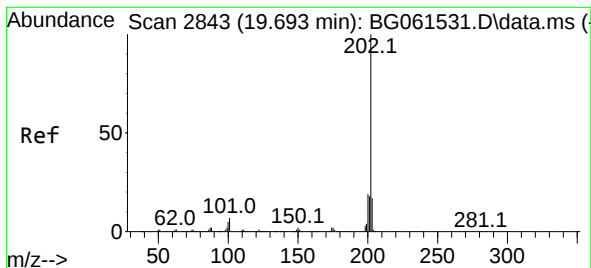
Delta R.T. 0.009 min

Lab File: BG061536.D

Acq: 7 Jun 2024 16:53

Tgt Ion:	202	Resp:	383406
Ion Ratio	Lower	Upper	
202	100		
101	5.6	4.8	7.2
100	4.7	4.1	6.1





#82

Pyrene

Concen: 17.491 ng/ul

RT: 19.695 min Scan# 21

Delta R.T. 0.009 min

Lab File: BG061536.D

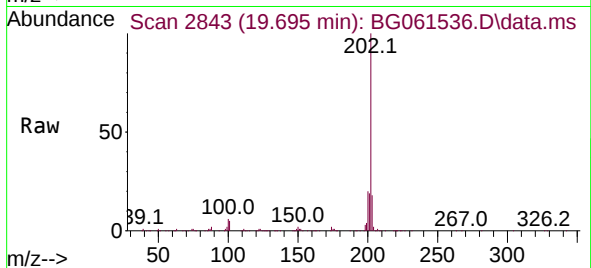
Acq: 7 Jun 2024 16:53

Instrument :

BNA_G

ClientSampleId :

BHBQ2MEDL



Tgt Ion:202 Resp: 247818

Ion Ratio Lower Upper

202 100

101 5.5 5.7 8.5

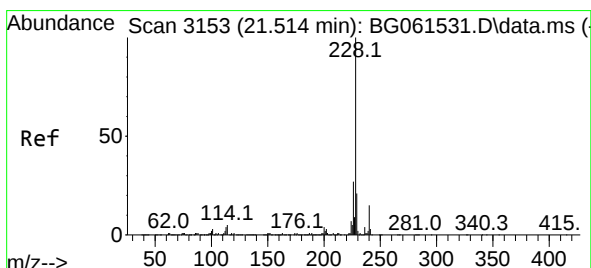
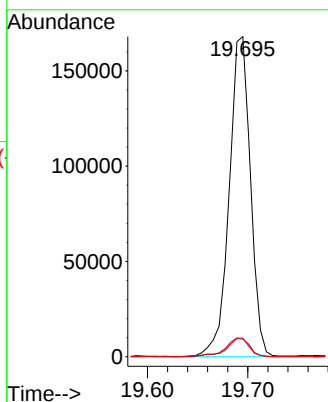
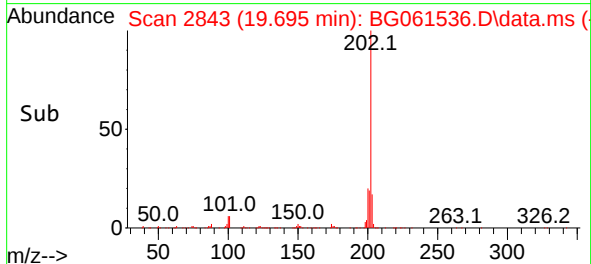
100 5.8 5.1 7.7

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 12.594 ng/ul

RT: 21.510 min Scan# 3152

Delta R.T. 0.009 min

Lab File: BG061536.D

Acq: 7 Jun 2024 16:53

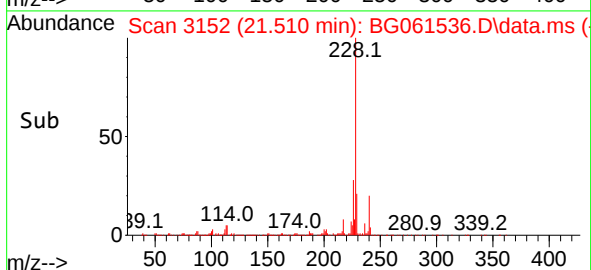
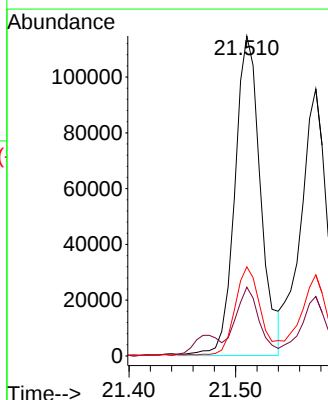
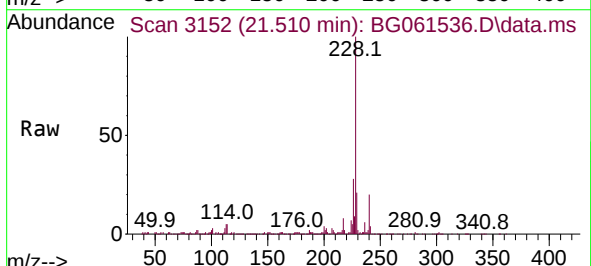
Tgt Ion:228 Resp: 192562

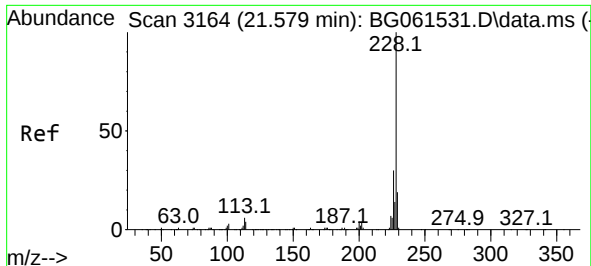
Ion Ratio Lower Upper

228 100

229 21.5 15.2 22.8

226 27.8 21.4 32.2





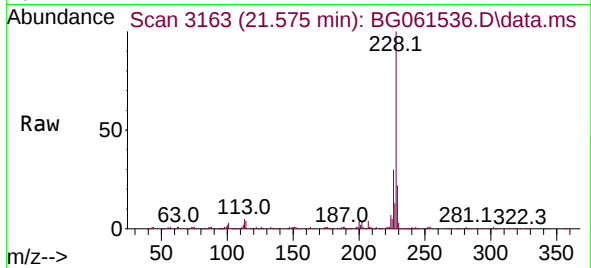
#87
Chrysene
Concen: 11.379 ng/ul
RT: 21.575 min Scan# 3163
Delta R.T. 0.009 min
Lab File: BG061536.D
Acq: 7 Jun 2024 16:53

Instrument :

BNA_G

ClientSampleId :

BHBQ2MEDL

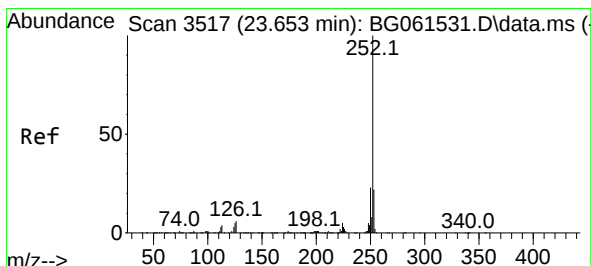
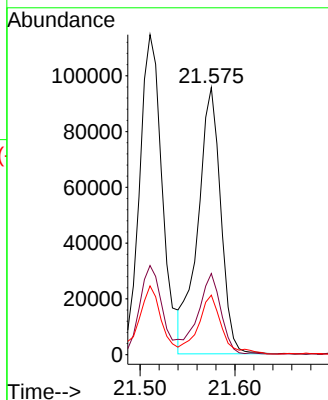
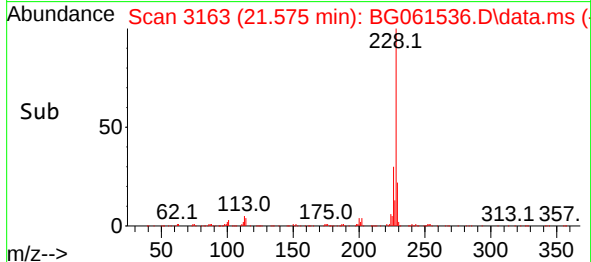


Tgt Ion:228 Resp: 160209
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.0
229 22.3 15.4 23.2

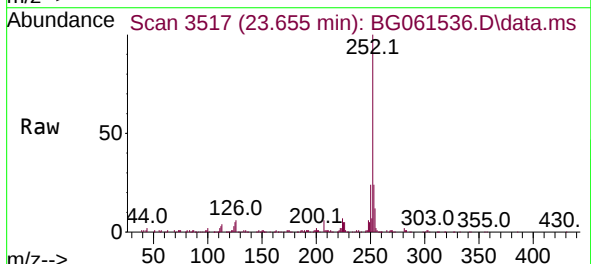
Manual Integrations

APPROVED

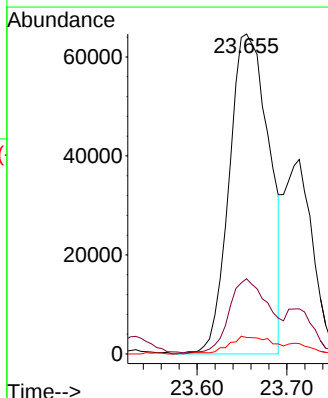
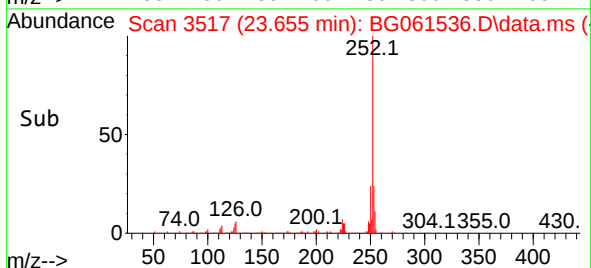
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

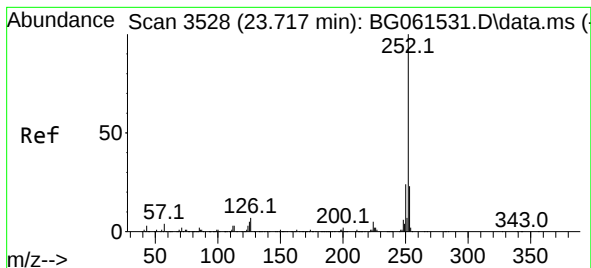


#90
Benzo(b)fluoranthene
Concen: 12.921 ng/ul
RT: 23.655 min Scan# 3517
Delta R.T. 0.021 min
Lab File: BG061536.D
Acq: 7 Jun 2024 16:53



Tgt Ion:252 Resp: 199067
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 5.1 4.6 6.8





#91

Benzo(k)fluoranthene

Concen: 5.578 ng/ul m

RT: 23.714 min Scan# 3

Delta R.T. 0.015 min

Lab File: BG061536.D

Acq: 7 Jun 2024 16:53

Instrument :

BNA_G

ClientSampleId :

BHBQ2MEDL

Tgt Ion:252 Resp: 8724

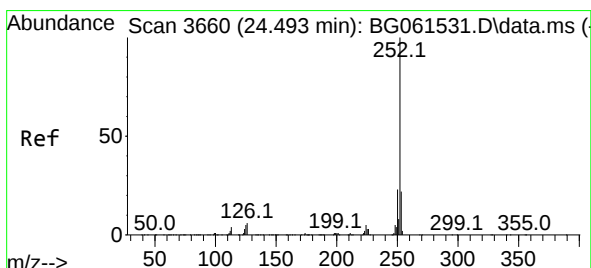
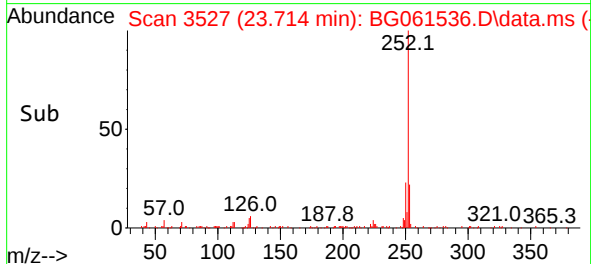
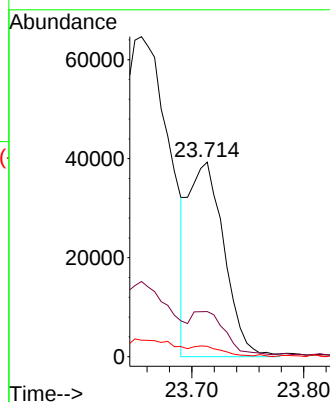
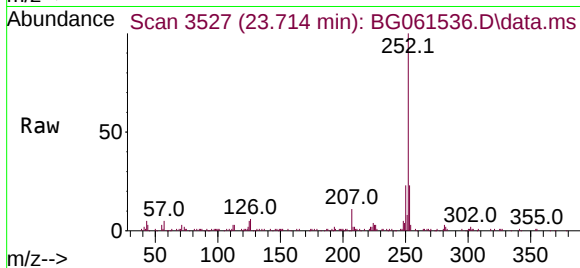
Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.0	24.0
125	5.3	4.3	6.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024



#93

Benzo(a)pyrene

Concen: 5.643 ng/ul

RT: 24.483 min Scan# 3658

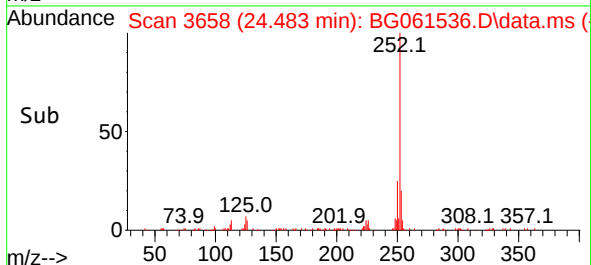
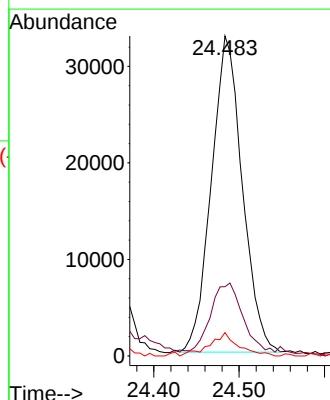
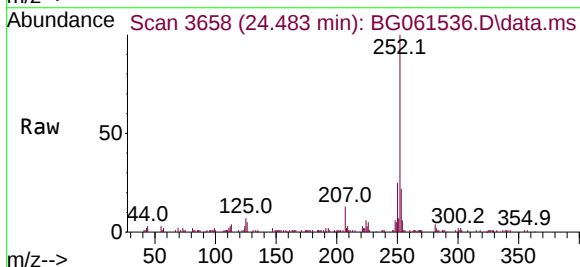
Delta R.T. 0.015 min

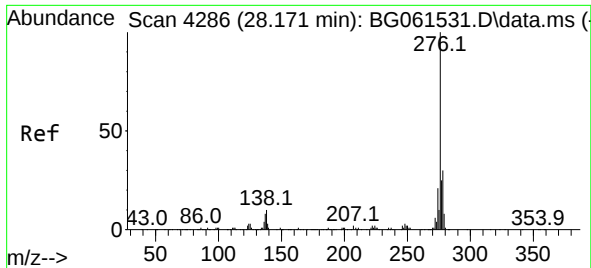
Lab File: BG061536.D

Acq: 7 Jun 2024 16:53

Tgt Ion:252 Resp: 82559

Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.4	24.6
125	7.3	4.3	6.5





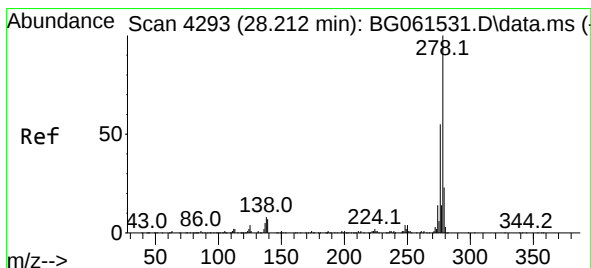
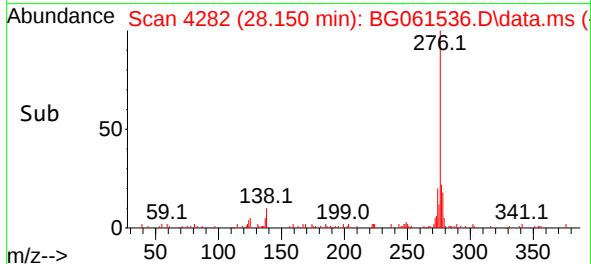
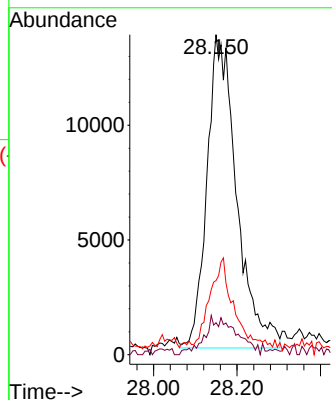
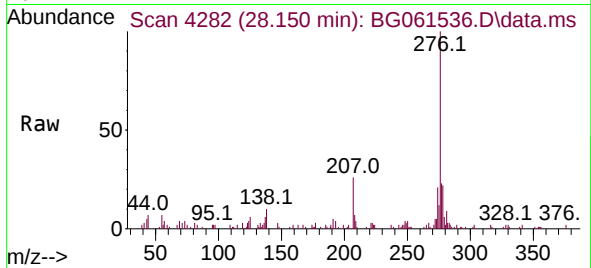
#94
 Indeno(1,2,3-cd)pyrene
 Concen: 3.816 ng/ul m
 RT: 28.150 min Scan# 4282
 Delta R.T. 0.015 min
 Lab File: BG061536.D
 Acq: 7 Jun 2024 16:53

Instrument :
 BNA_G
 ClientSampleId :
 BHBQ2MEDL

Tgt Ion:276 Resp: 6751
 Ion Ratio Lower Upper
 276 100
 138 10.0 8.6 13.0
 277 23.1 19.7 29.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024



#95
 Dibenzo(a,h)anthracene
 Concen: 1.782 ng/ul m
 RT: 28.185 min Scan# 4288
 Delta R.T. 0.015 min
 Lab File: BG061536.D
 Acq: 7 Jun 2024 16:53

Tgt Ion:278 Resp: 25999
 Ion Ratio Lower Upper
 278 100
 139 10.6 6.4 9.6#
 279 27.0 19.9 29.9

