

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061517.D
 Acq On : 6 Jun 2024 19:46
 Operator : MA/JU
 Sample : P2623-11DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBR6DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 22:57:38 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	7.876	152	37198	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	130542	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.509	164	91427	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.259	188	209177	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	229453	20.000	ng/u1	0.00
88) Perylene-d12	24.609	264	265285	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.769	84	3809	1.611	ng/u1	0.00
7) Phenol-d5	7.071	99	14423	4.722	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.206	67	9594	4.997	ng/u1	0.00
11) 2-Chlorophenol-d4	7.424	132	12327	5.453	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	10034	3.852	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	6241	6.209	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	7063	6.004	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	13719	5.982	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	7615	2.538	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	43538	6.140	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	45657	6.193	ng/u1	0.00
54) 4-Nitrophenol-d4	14.768	143	3515	4.010	ng/u1	0.01
60) Fluorene-d10	15.502	176	37706	6.159	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	3848	3.042	ng/u1	0.00
73) Anthracene-d10	17.359	188	60622	6.574	ng/u1	0.00
81) Pyrene-d10	19.656	212	69140	5.869	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	61430	4.817	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.714	128	10211	1.482	ng/u1	96
52) Acenaphthene	14.574	153	12690	2.366	ng/u1	90
56) Dibenzofuran	14.909	168	17989	2.346	ng/u1	96
61) Fluorene	15.561	166	16604	2.503	ng/u1	91
72) Phenanthrene	17.306	178	325547	32.065	ng/u1	97
74) Anthracene	17.394	178	71730	6.833	ng/u1	98
77) Carbazole	17.670	167	30123	3.528	ng/u1	98
80) Fluoranthene	19.321	202	495003	35.024	ng/u1	99
82) Pyrene	19.686	202	330600	22.535	ng/u1	98
85) Benzo(a)anthracene	21.501	228	244985	15.474	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.407	149	15303	2.051	ng/u1#	98
87) Chrysene	21.566	228	214464	14.711	ng/u1	98
90) Benzo(b)fluoranthene	23.634	252	268306	16.987	ng/u1	98
91) Benzo(k)fluoranthene	23.693	252	93868m	5.854	ng/u1	
93) Benzo(a)pyrene	24.462	252	108618	7.242	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.117	276	88448	4.877	ng/u1#	97
95) Dibenzo(a,h)anthracene	28.158	278	32529m	2.175	ng/u1	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061517.D
 Acq On : 6 Jun 2024 19:46
 Operator : MA/JU
 Sample : P2623-11DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

BHBR6DL

Manual Integrations

APPROVED

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

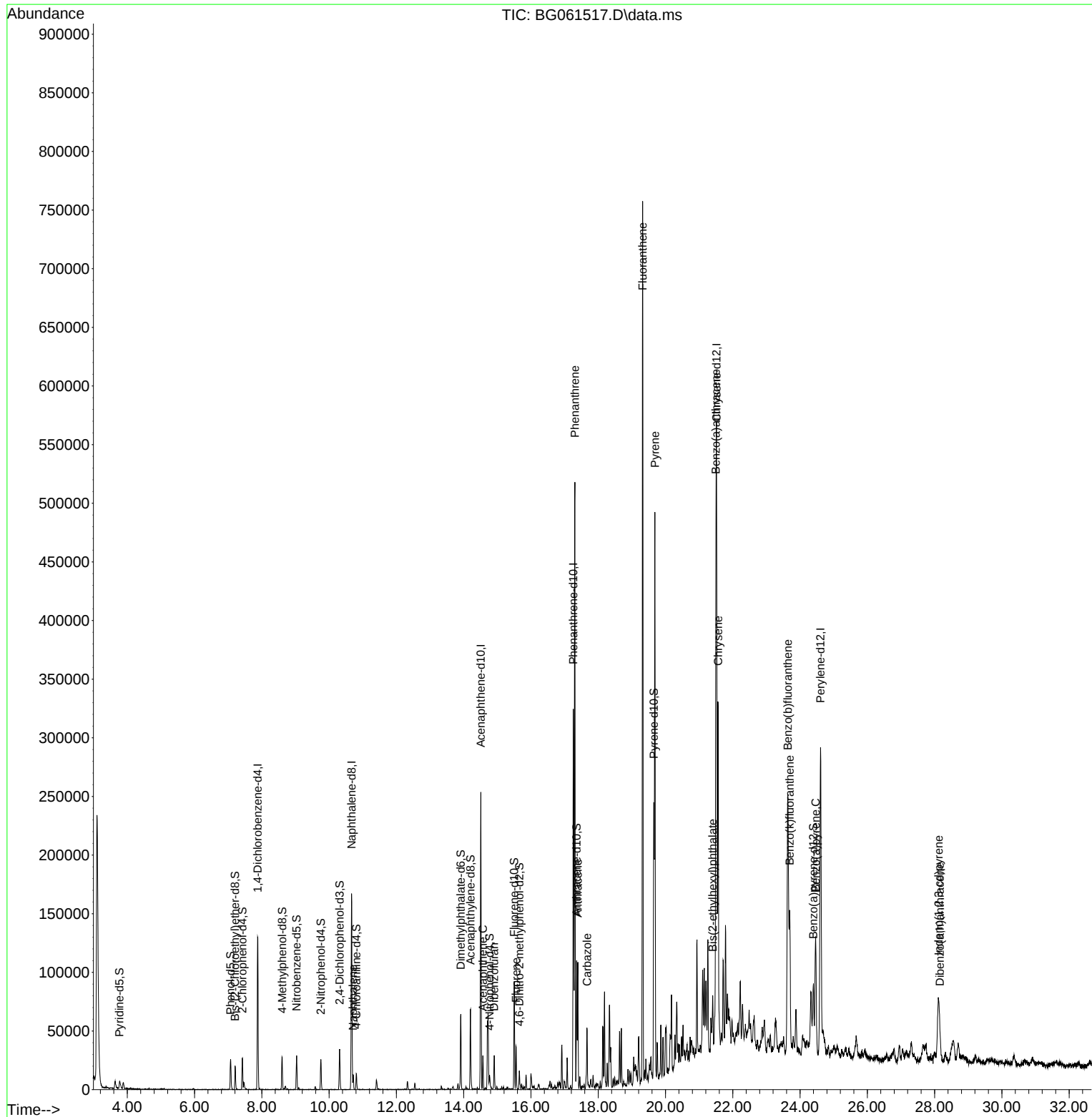
Quant Time: Jun 06 22:57:38 2024

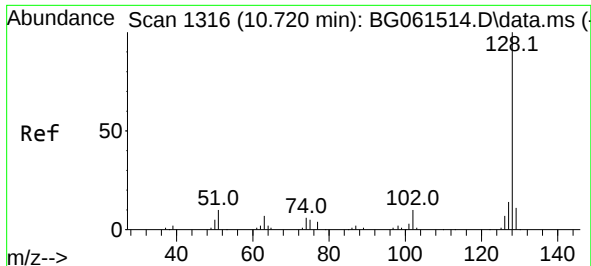
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jun 06 12:15:45 2024

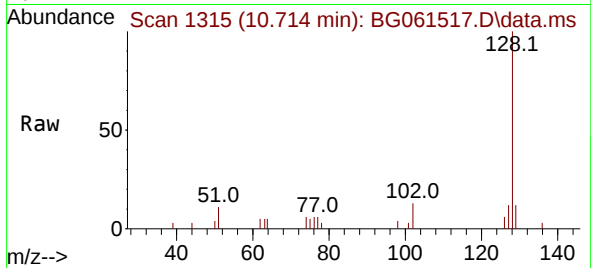
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.482 ng/ul
RT: 10.714 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BG061517.D
Acq: 6 Jun 2024 19:46

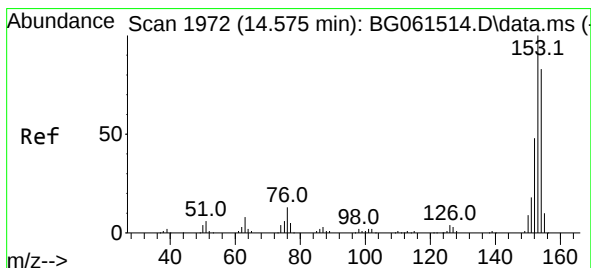
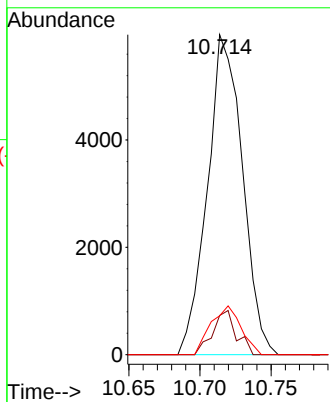
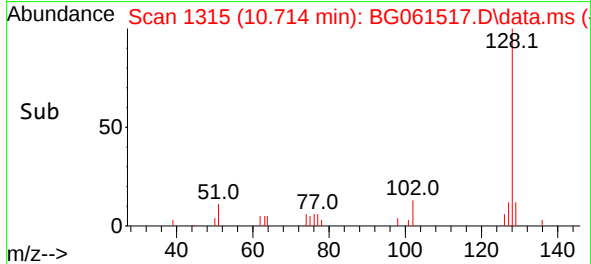
Instrument :
BNA_G
ClientSampleId :
BHBR6DL



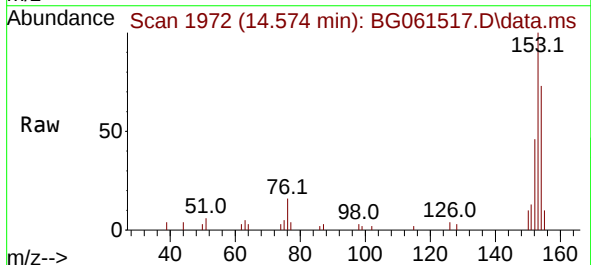
Tgt Ion:128 Resp: 1021
Ion Ratio Lower Upper
128 100
129 12.3 8.6 12.8
127 12.1 10.8 16.2

Manual Integrations
APPROVED

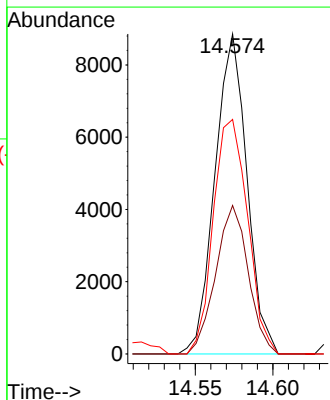
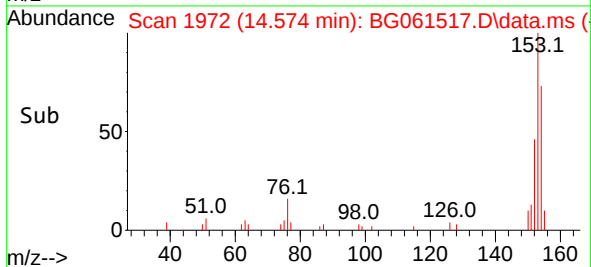
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

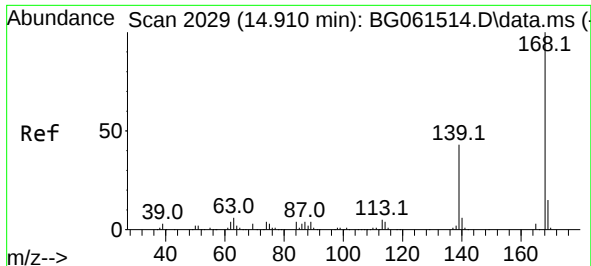


#52
Acenaphthene
Concen: 2.366 ng/ul
RT: 14.574 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG061517.D
Acq: 6 Jun 2024 19:46



Tgt Ion:153 Resp: 12690
Ion Ratio Lower Upper
153 100
152 46.4 37.8 56.8
154 73.3 69.0 103.6





#56
Dibenzenofuran
Concen: 2.346 ng/ul
RT: 14.909 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BG061517.D
Acq: 6 Jun 2024 19:46

Instrument :

BNA_G

ClientSampleId :

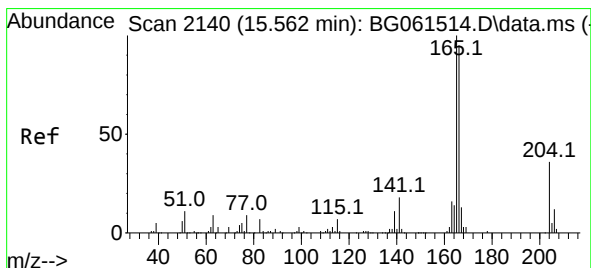
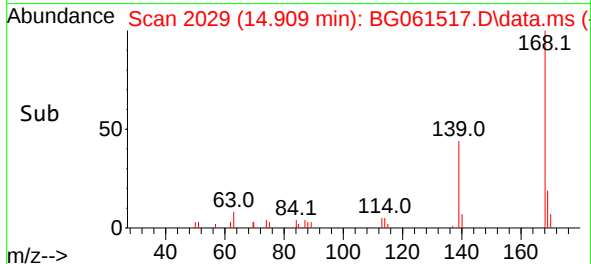
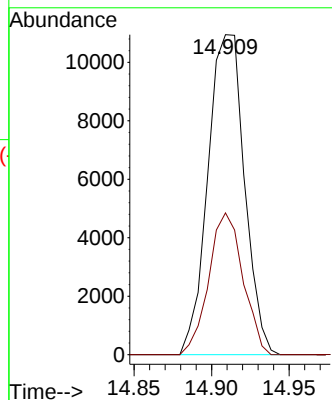
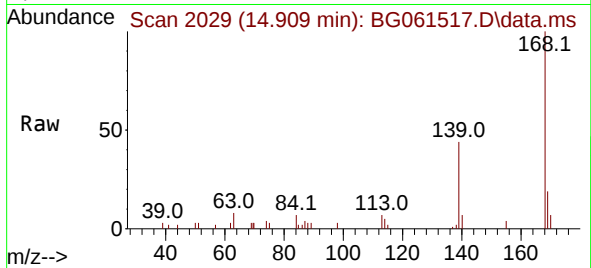
BHBR6DL

Tgt Ion:168 Resp: 17989
Ion Ratio Lower Upper
168 100
139 44.3 33.4 50.2

Manual Integrations

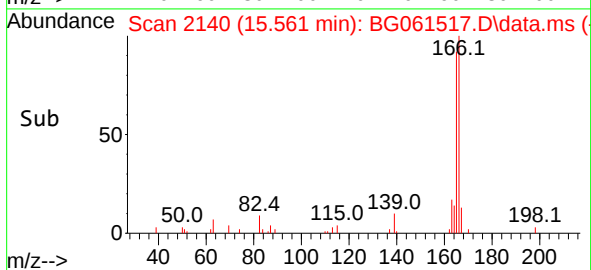
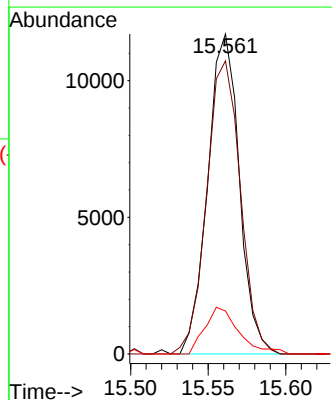
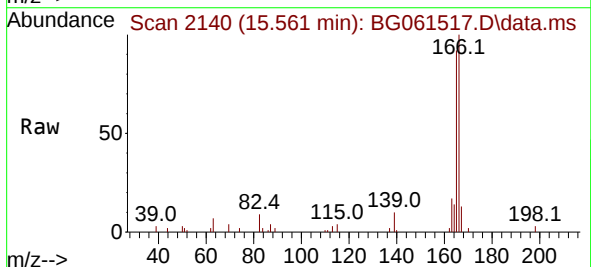
APPROVED

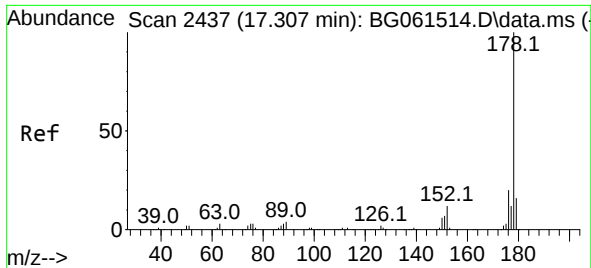
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#61
Fluorene
Concen: 2.503 ng/ul
RT: 15.561 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BG061517.D
Acq: 6 Jun 2024 19:46

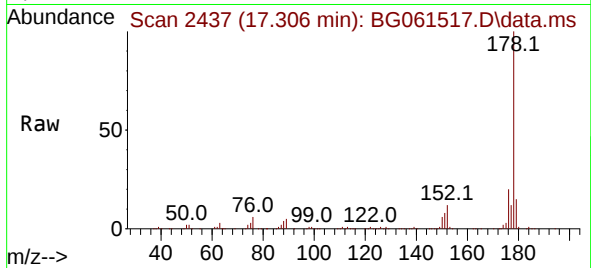
Tgt Ion:166 Resp: 16604
Ion Ratio Lower Upper
166 100
165 91.6 81.8 122.8
167 13.4 10.6 16.0





#72
Phenanthrene
Concen: 32.065 ng/u1
RT: 17.306 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BG061517.D
Acq: 6 Jun 2024 19:46

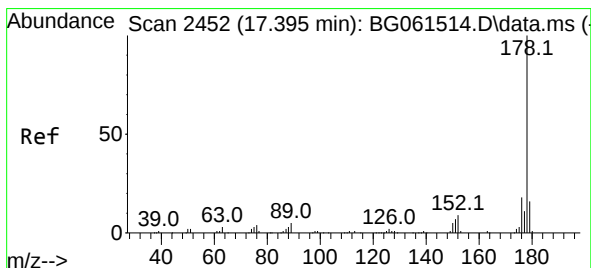
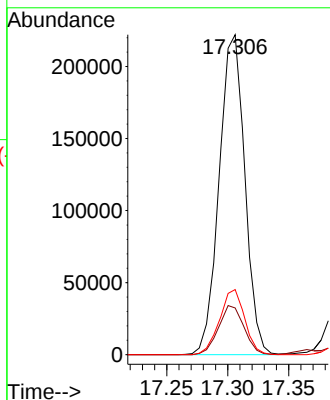
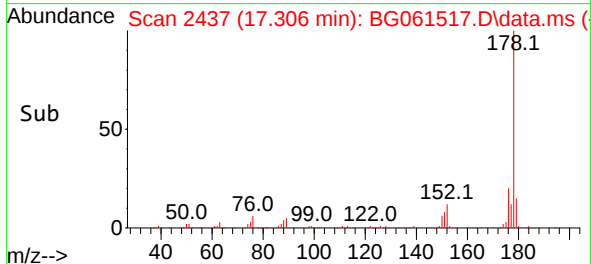
Instrument :
BNA_G
ClientSampleId :
BHBR6DL



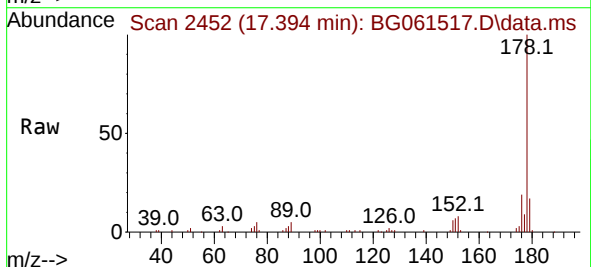
Tgt Ion:178 Resp: 32554
Ion Ratio Lower Upper
178 100
179 14.6 12.7 19.1
176 20.4 15.5 23.3

Manual Integrations
APPROVED

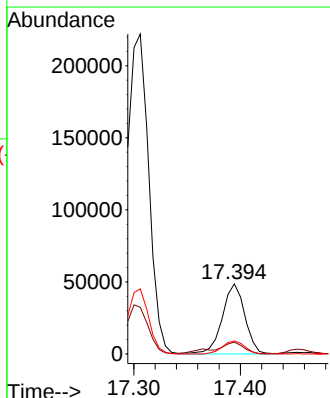
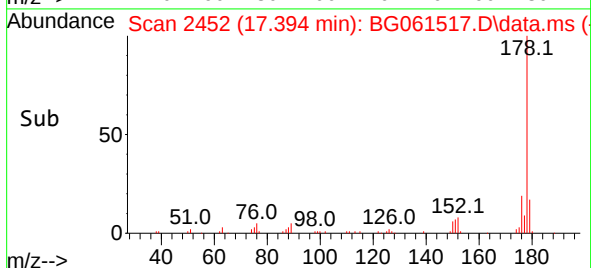
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

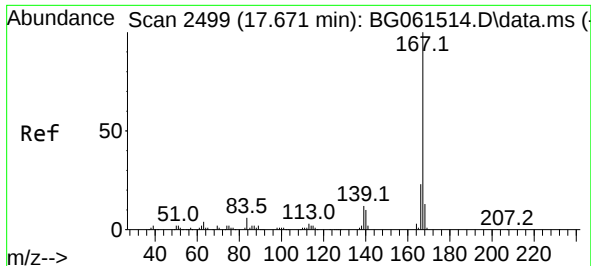


#74
Anthracene
Concen: 6.833 ng/u1
RT: 17.394 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BG061517.D
Acq: 6 Jun 2024 19:46



Tgt Ion:178 Resp: 71730
Ion Ratio Lower Upper
178 100
179 16.9 11.8 17.6
176 18.5 14.9 22.3





#77
 Carbazole
 Concen: 3.528 ng/ul
 RT: 17.670 min Scan# 2499
 Delta R.T. -0.000 min
 Lab File: BG061517.D
 Acq: 6 Jun 2024 19:46

Instrument :

BNA_G

ClientSampleId :

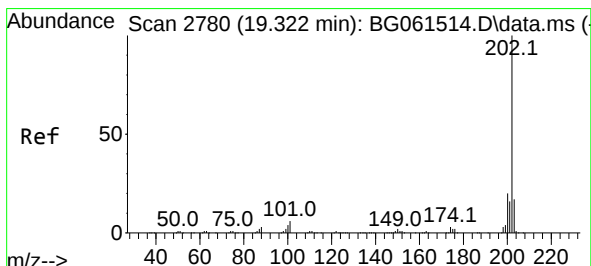
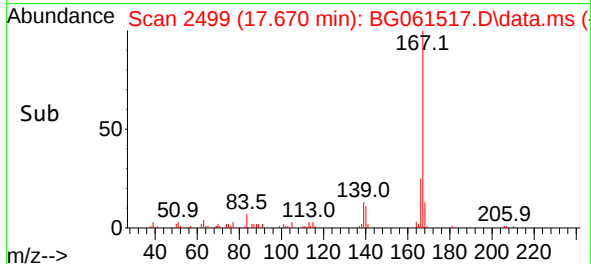
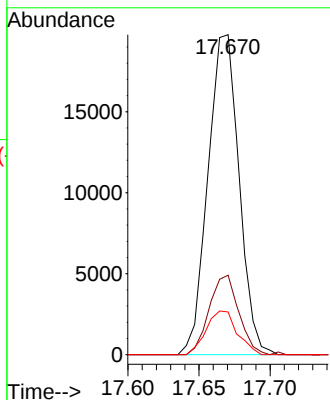
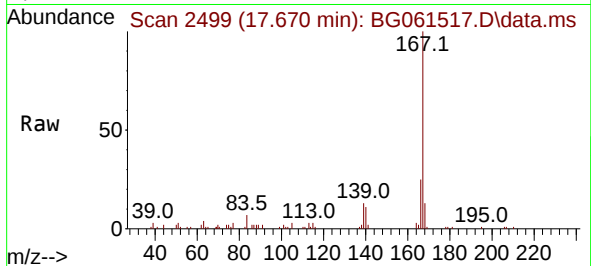
BHBR6DL

Tgt Ion:167 Resp: 3012
 Ion Ratio Lower Upper
 167 100
 166 24.8 18.6 28.0
 139 13.4 10.6 15.8

Manual Integrations

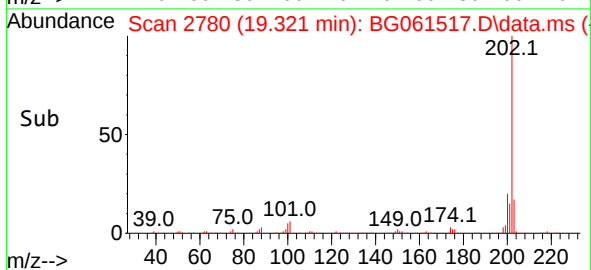
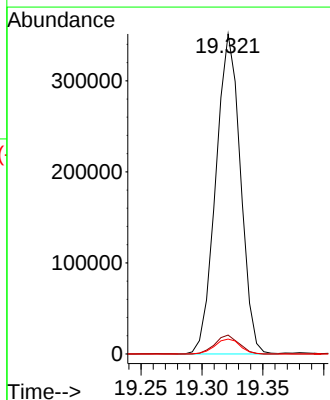
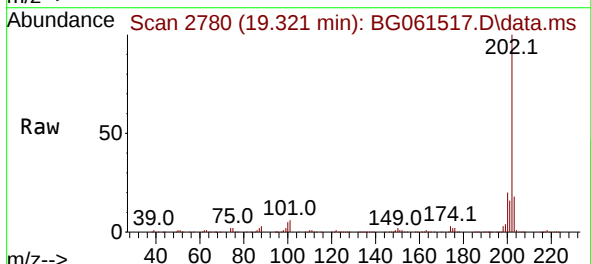
APPROVED

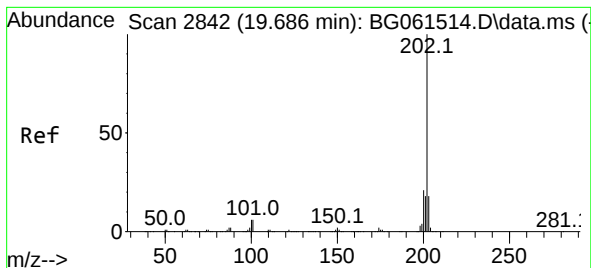
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#80
 Fluoranthene
 Concen: 35.024 ng/ul
 RT: 19.321 min Scan# 2780
 Delta R.T. -0.000 min
 Lab File: BG061517.D
 Acq: 6 Jun 2024 19:46

Tgt Ion:202 Resp: 495003
 Ion Ratio Lower Upper
 202 100
 101 5.9 4.8 7.2
 100 4.6 4.1 6.1





#82

Pyrene

Concen: 22.535 ng/ul

RT: 19.686 min Scan# 2842

Delta R.T. -0.000 min

Lab File: BG061517.D

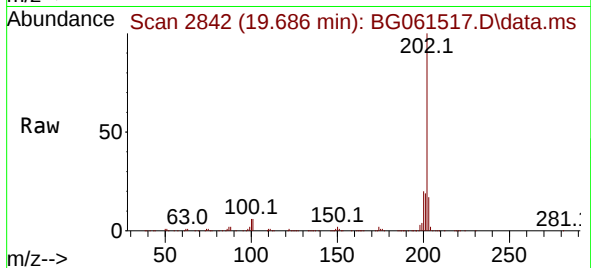
Acq: 6 Jun 2024 19:46

Instrument :

BNA_G

ClientSampleId :

BHBR6DL



Tgt Ion:202 Resp: 330600

Ion Ratio Lower Upper

202 100

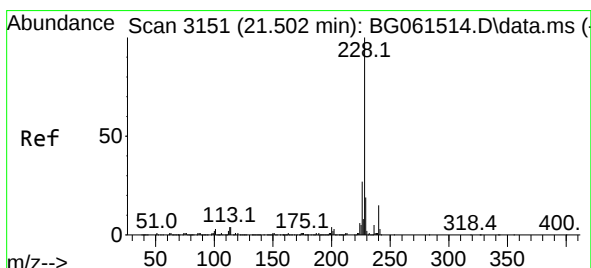
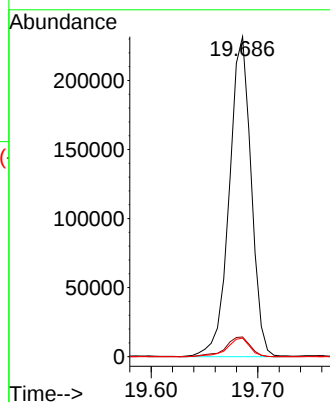
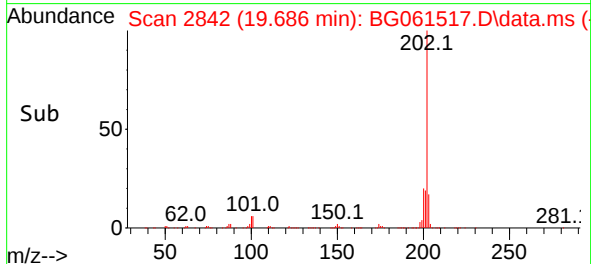
101 6.2 5.7 8.5

100 5.8 5.1 7.7

Manual Integrations

APPROVED

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



#85

Benzo(a)anthracene

Concen: 15.474 ng/ul

RT: 21.501 min Scan# 3151

Delta R.T. -0.000 min

Lab File: BG061517.D

Acq: 6 Jun 2024 19:46

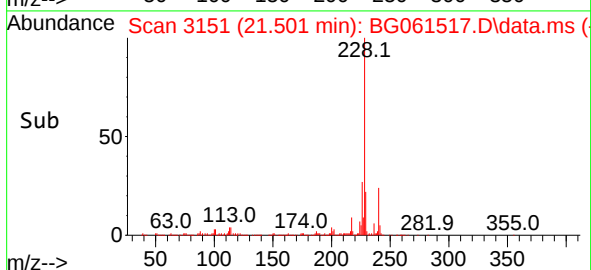
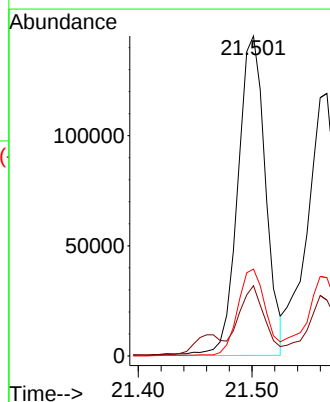
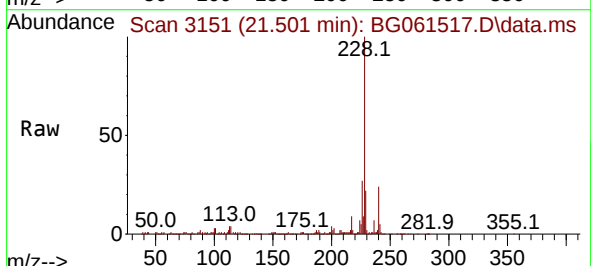
Tgt Ion:228 Resp: 244985

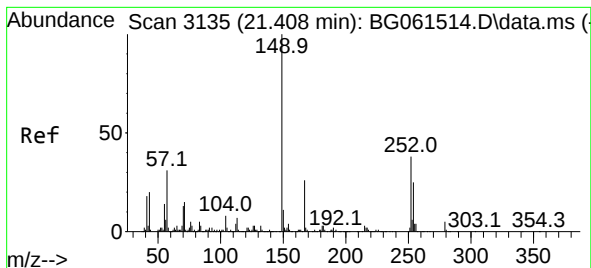
Ion Ratio Lower Upper

228 100

229 21.9 15.2 22.8

226 27.2 21.4 32.2





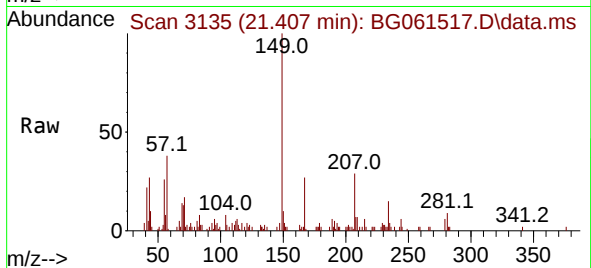
#86
Bis(2-ethylhexyl)phthalate
Concen: 2.051 ng/ul
RT: 21.407 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BG061517.D
Acq: 6 Jun 2024 19:46

Instrument :

BNA_G

ClientSampleId :

BHBR6DL

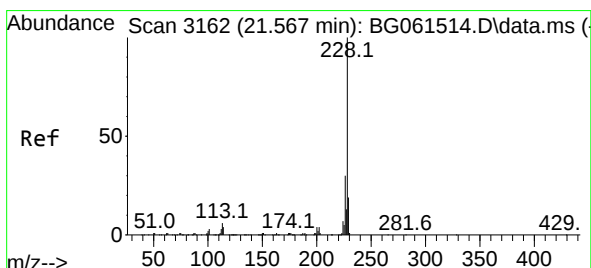
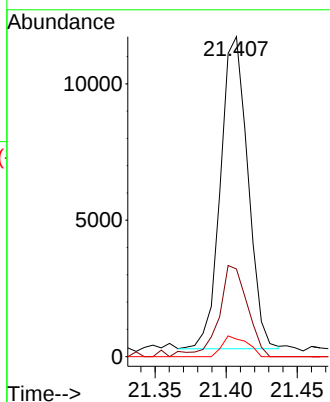
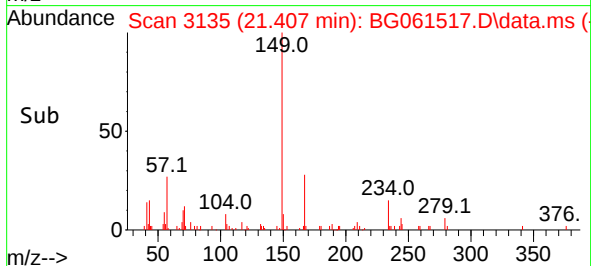


Tgt Ion:149 Resp: 1530
Ion Ratio Lower Upper
149 100
167 27.4 21.1 31.7
279 5.5 3.3 4.9

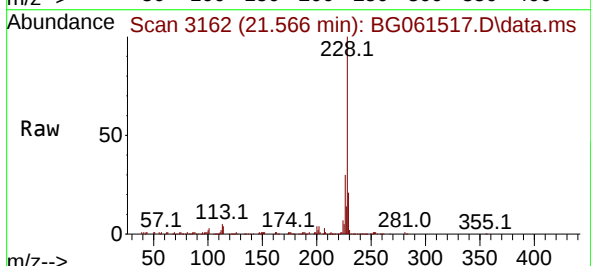
Manual Integrations

APPROVED

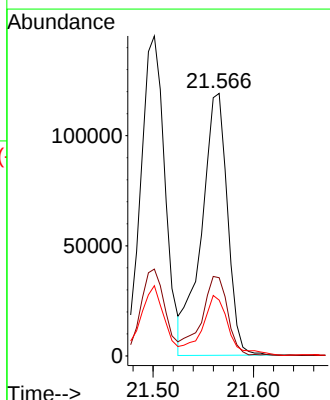
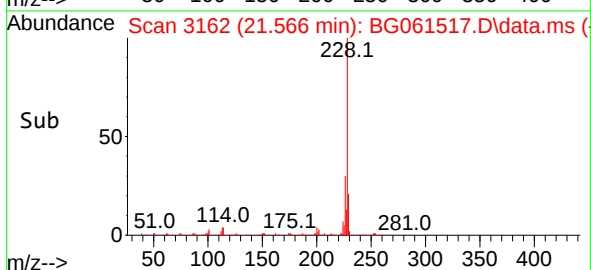
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

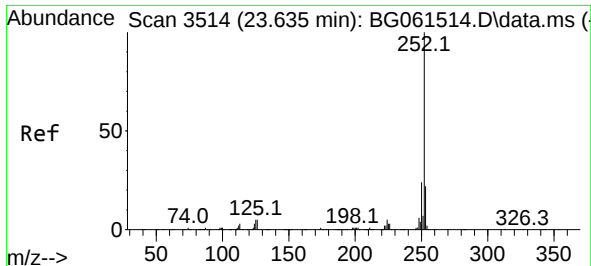


#87
Chrysene
Concen: 14.711 ng/ul
RT: 21.566 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BG061517.D
Acq: 6 Jun 2024 19:46



Tgt Ion:228 Resp: 214464
Ion Ratio Lower Upper
228 100
226 29.8 23.4 35.0
229 21.3 15.4 23.2





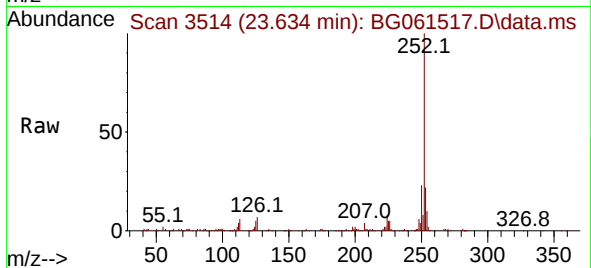
#90
Benzo(b)fluoranthene
Concen: 16.987 ng/ul
RT: 23.634 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BG061517.D
Acq: 6 Jun 2024 19:46

Instrument :

BNA_G

ClientSampleId :

BHBR6DL

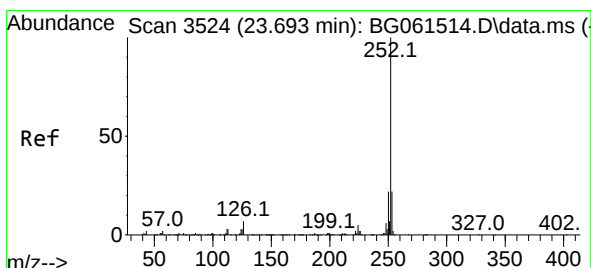
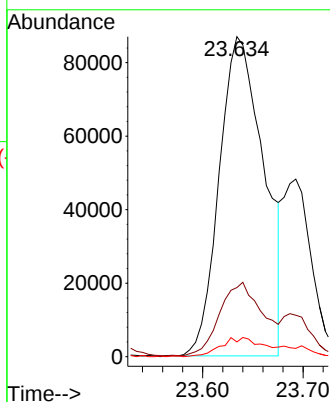
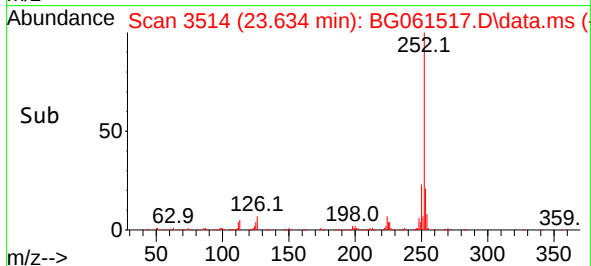


Tgt Ion:252 Resp: 268300
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 4.6 4.6 6.8

Manual Integrations

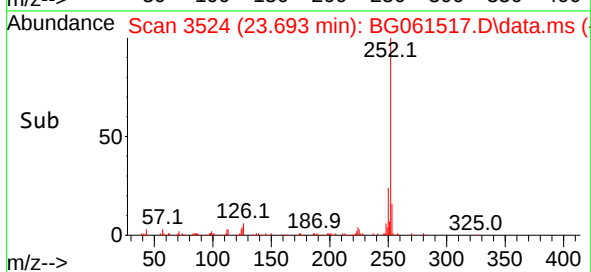
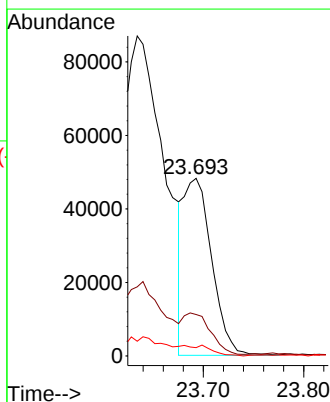
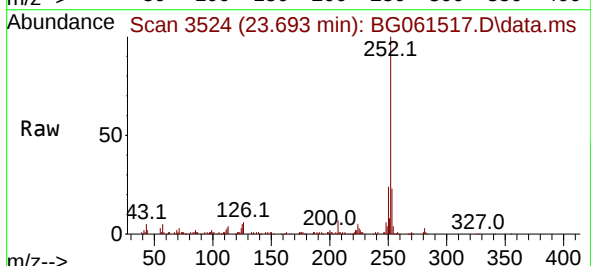
APPROVED

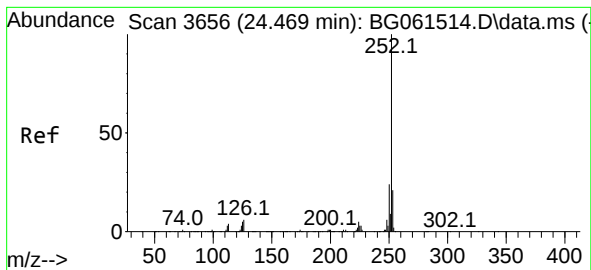
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#91
Benzo(k)fluoranthene
Concen: 5.854 ng/ul m
RT: 23.693 min Scan# 3524
Delta R.T. -0.006 min
Lab File: BG061517.D
Acq: 6 Jun 2024 19:46

Tgt Ion:252 Resp: 93868
Ion Ratio Lower Upper
252 100
253 23.4 16.0 24.0
125 4.7 4.3 6.5





#93

Benzo(a)pyrene

Concen: 7.242 ng/ul

RT: 24.462 min Scan# 30

Delta R.T. -0.006 min

Lab File: BG061517.D

Acq: 6 Jun 2024 19:46

Instrument :

BNA_G

ClientSampleId :

BHBR6DL

Tgt Ion:252 Resp: 108618

Ion Ratio Lower Upper

252 100

253 21.8 16.4 24.6

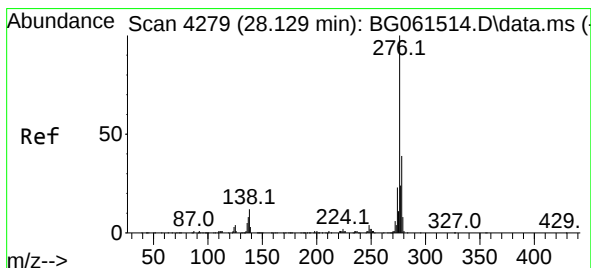
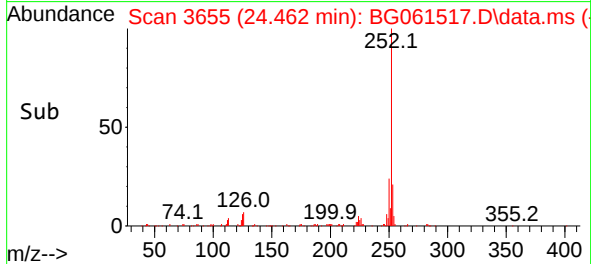
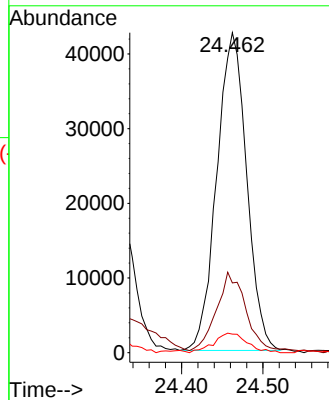
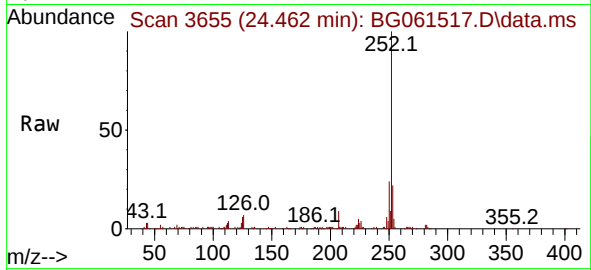
125 5.8 4.3 6.5

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: 4.877 ng/ul

RT: 28.117 min Scan# 4277

Delta R.T. -0.018 min

Lab File: BG061517.D

Acq: 6 Jun 2024 19:46

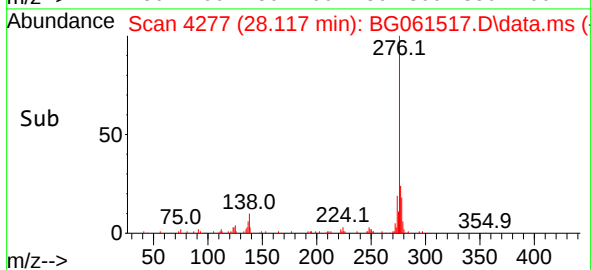
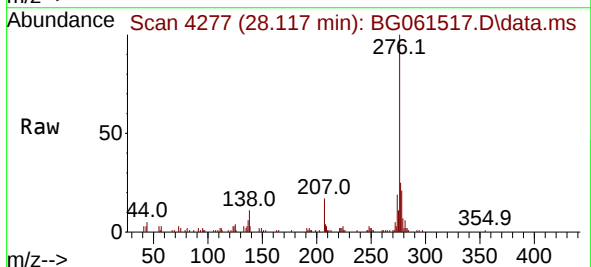
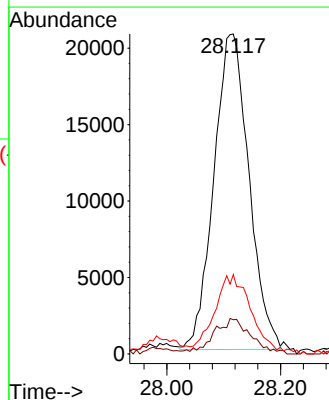
Tgt Ion:276 Resp: 88448

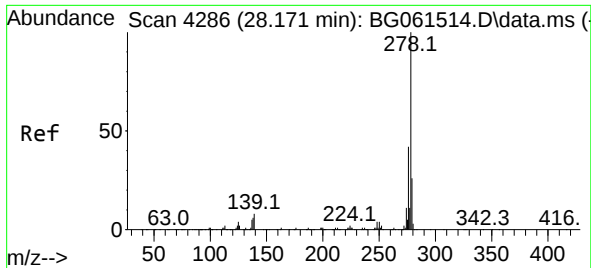
Ion Ratio Lower Upper

276 100

138 13.5 8.6 13.0#

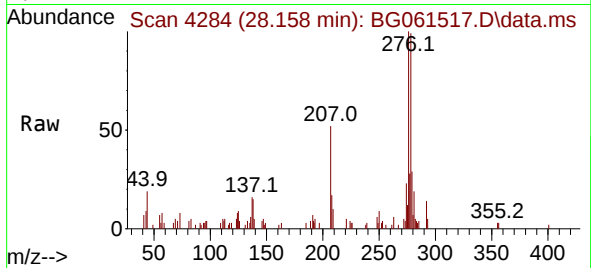
277 24.8 19.7 29.5





#95
 Dibenzo(a,h)anthracene
 Concen: 2.175 ng/ul m
 RT: 28.158 min Scan# 4284
 Delta R.T. -0.012 min
 Lab File: BG061517.D
 Acq: 6 Jun 2024 19:46

Instrument :
 BNA_G
 ClientSampleId :
 BHBR6DL



Tgt Ion:278 Resp: 32529
 Ion Ratio Lower Upper
 278 100
 139 4.8 6.4 9.6
 279 29.0 19.9 29.9

Manual Integrations
 APPROVED

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

