

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062166.D
 Acq On : 22 Jul 2024 18:16
 Operator : MA/JU
 Sample : P3263-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CK8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 22 23:17:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	43363	20.000	ng/u1	0.00
20) Naphthalene-d8	10.878	136	183268	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.691	164	151107	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.440	188	392362	20.000	ng/u1	0.00
79) Chrysene-d12	21.699	240	386079	20.000	ng/u1	0.00
88) Perylene-d12	24.936	264	398840	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.459	96	4000m	4.307	ng/uL	0.00
4) Pyridine-d5	3.864	84	405	0.120	ng/u1	-0.01
7) Phenol-d5	7.236	99	84634	19.825	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.389	67	48045	19.588	ng/u1	0.00
11) 2-Chlorophenol-d4	7.594	132	54530	20.269	ng/u1	-0.01
15) 4-Methylphenol-d8	8.781	113	66122	20.338	ng/u1	0.00
21) Nitrobenzene-d5	9.233	128	28654	19.624	ng/u1	0.00
24) 2-Nitrophenol-d4	9.956	143	34769	19.784	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.502	165	78481	21.333	ng/u1	0.00
31) 4-Chloroaniline-d4	11.019	131	9505m	2.148	ng/u1	0.00
46) Dimethylphthalate-d6	14.091	166	258496	20.182	ng/u1	0.00
49) Acenaphthylene-d8	14.391	160	283819	21.854	ng/u1	0.00
54) 4-Nitrophenol-d4	14.914	143	27120	17.571	ng/u1	0.00
60) Fluorene-d10	15.683	176	226292	20.751	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.801	200	44077	17.677	ng/u1	-0.01
73) Anthracene-d10	17.534	188	382767	20.884	ng/u1	0.00
81) Pyrene-d10	19.819	212	410284	18.743	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.706	264	290953	14.593	ng/u1	-0.01
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.207	77	4679	2.088	ng/u1	90
52) Acenaphthene	14.761	153	9957	1.059	ng/u1	95
56) Dibenzofuran	15.090	168	19605	1.385	ng/u1	97
61) Fluorene	15.736	166	15963	1.315	ng/u1#	87
72) Phenanthrene	17.481	178	258958	13.715	ng/u1	96
74) Anthracene	17.569	178	47253	2.431	ng/u1	93
77) Carbazole	17.839	167	22291	1.349	ng/u1#	84
78) Di-n-butylphthalate	18.380	149	28598	1.509	ng/u1	98
80) Fluoranthene	19.484	202	422563	16.827	ng/u1	99
82) Pyrene	19.848	202	306161	11.726	ng/u1	98
85) Benzo(a)anthracene	21.681	228	206760	7.630	ng/u1	96
87) Chrysene	21.740	228	204312	8.201	ng/u1	98
90) Benzo(b)fluoranthene	23.902	252	249152	10.111	ng/u1	95
91) Benzo(k)fluoranthene	23.960	252	90162m	3.666	ng/u1	
93) Benzo(a)pyrene	24.771	252	100185	4.341	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	28.613	276	98191	3.703	ng/u1#	97
95) Dibenzo(a,h)anthracene	28.654	278	35054m	1.594	ng/u1	

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

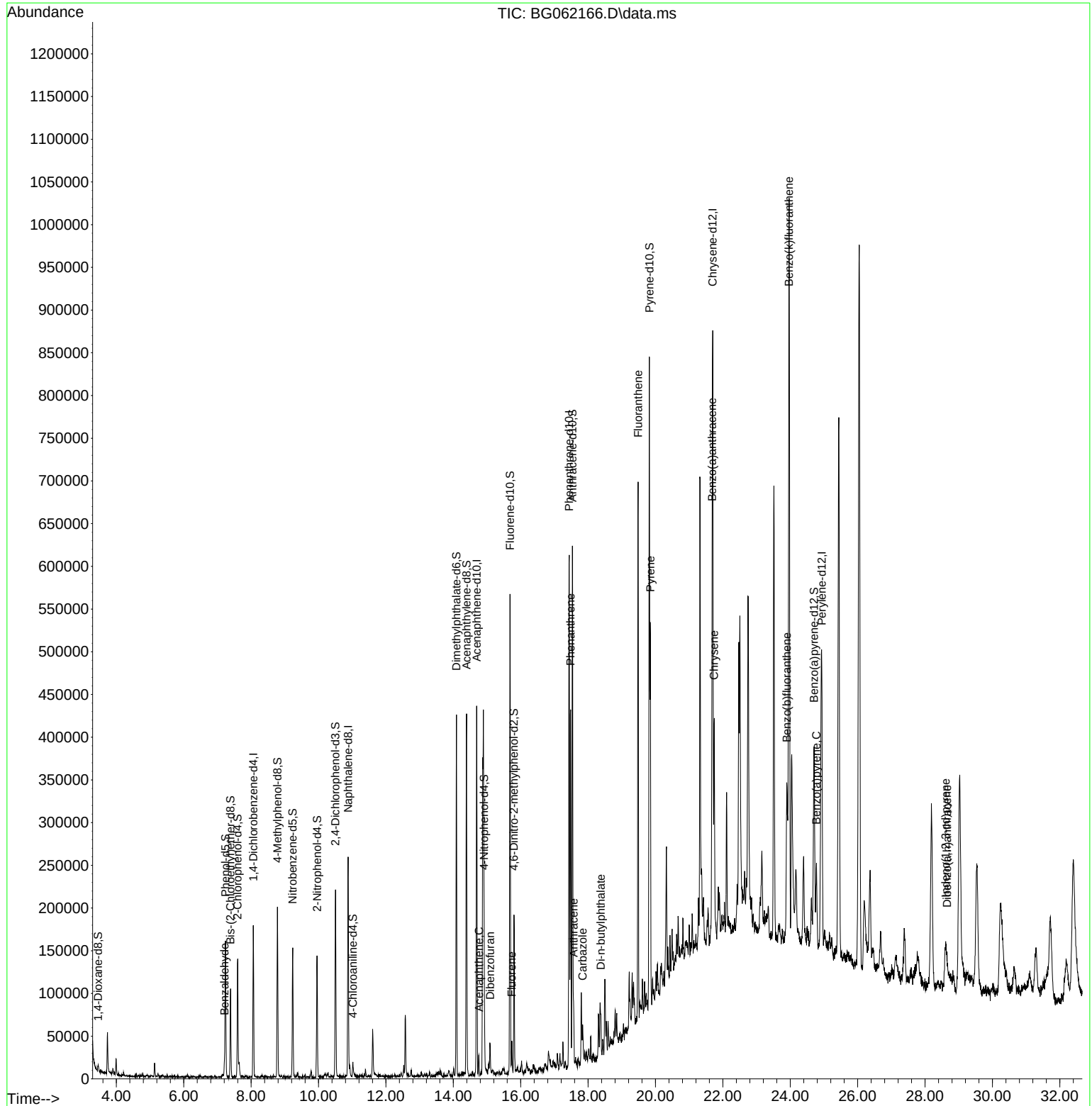
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062166.D
Acq On : 22 Jul 2024 18:16
Operator : MA/JU
Sample : P3263-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

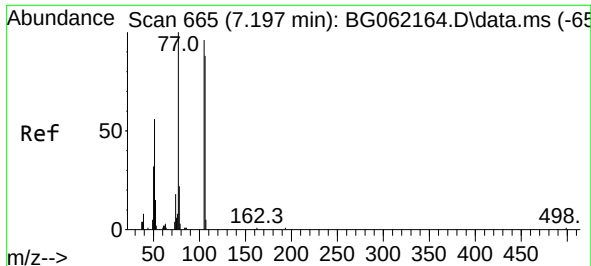
Instrument :
BNA_G
ClientSampleId :
A4CK8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

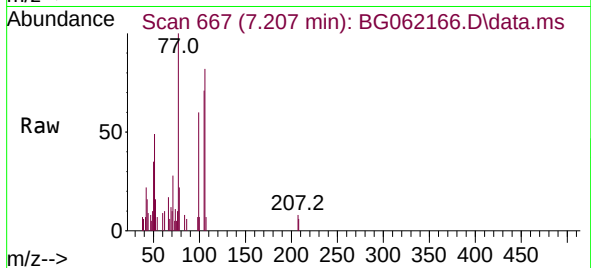
Quant Time: Jul 22 23:17:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 2.088 ng/ul
RT: 7.207 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG062166.D
Acq: 22 Jul 2024 18:16

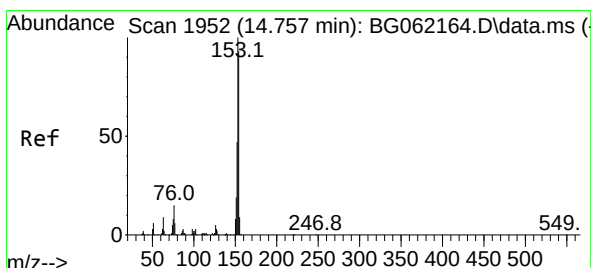
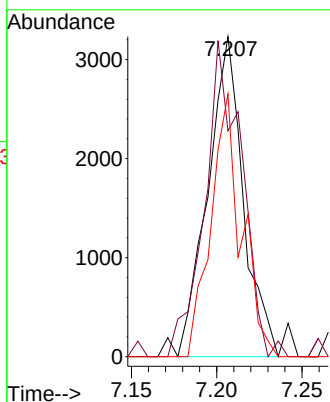
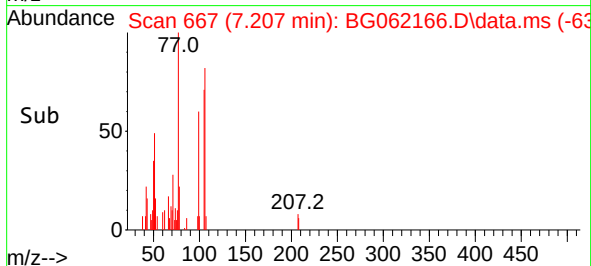
Instrument :
BNA_G
ClientSampleId :
A4CK8



Tgt Ion: 77 Resp: 4679
Ion Ratio Lower Upper
77 100
105 70.6 70.1 105.1
106 82.1 66.1 99.1

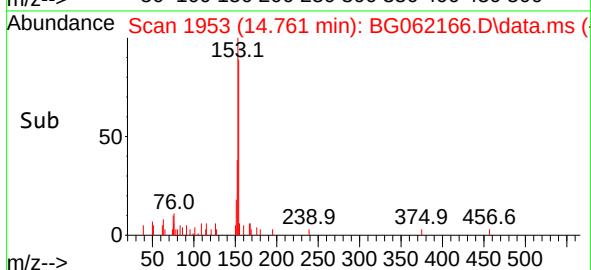
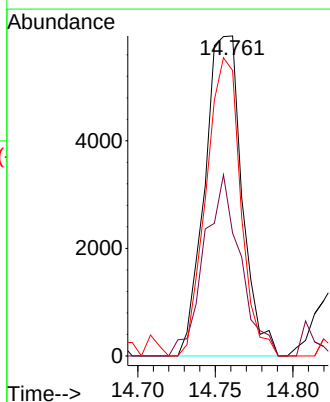
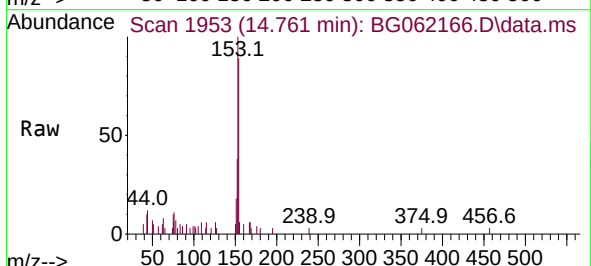
Manual Integrations
APPROVED

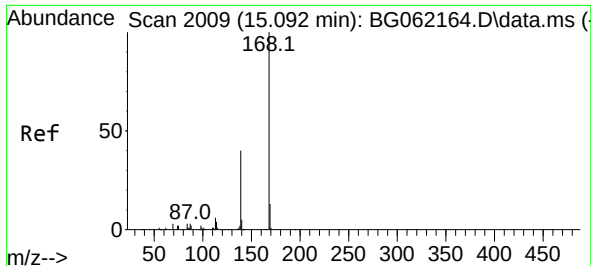
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



#52
Acenaphthene
Concen: 1.059 ng/ul
RT: 14.761 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BG062166.D
Acq: 22 Jul 2024 18:16

Tgt Ion:153 Resp: 9957
Ion Ratio Lower Upper
153 100
152 38.4 38.2 57.4
154 89.2 71.0 106.6





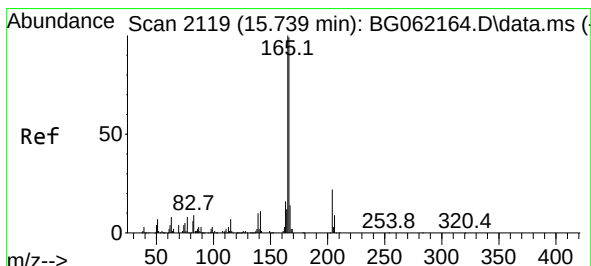
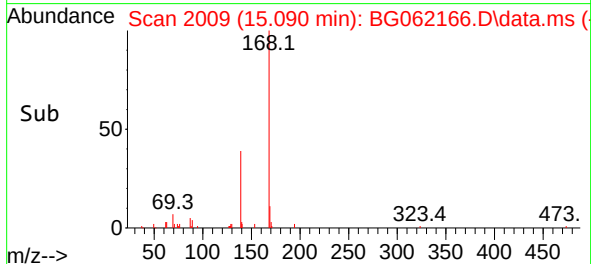
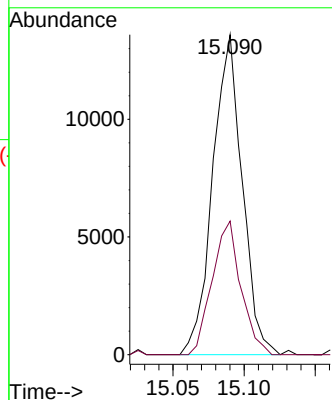
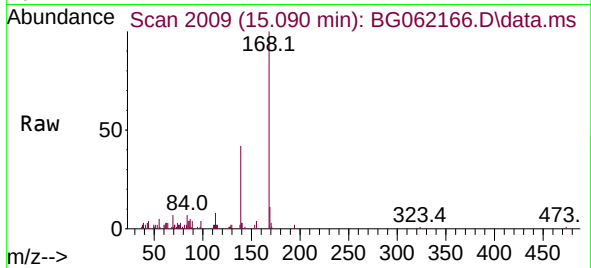
#56
Dibenzenofuran
Concen: 1.385 ng/ul
RT: 15.090 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BG062166.D
Acq: 22 Jul 2024 18:16

Instrument :
BNA_G
ClientSampleId :
A4CK8

Tgt Ion:168 Resp: 1960
Ion Ratio Lower Upper
168 100
139 41.8 31.8 47.6

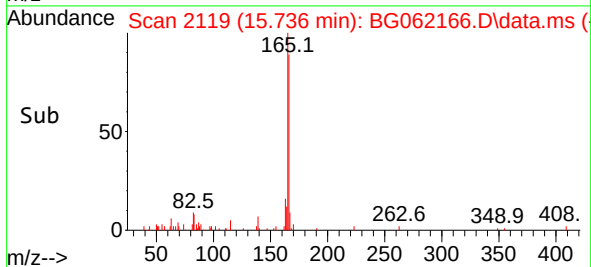
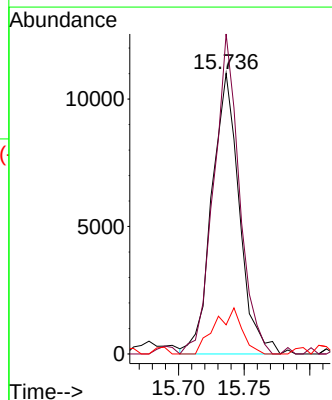
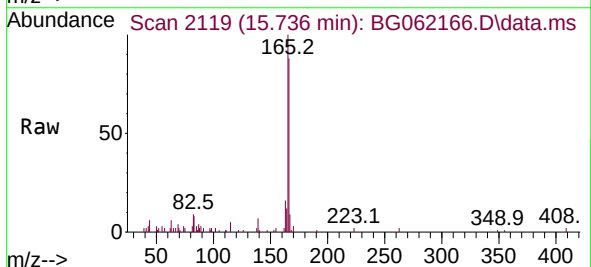
Manual Integrations
APPROVED

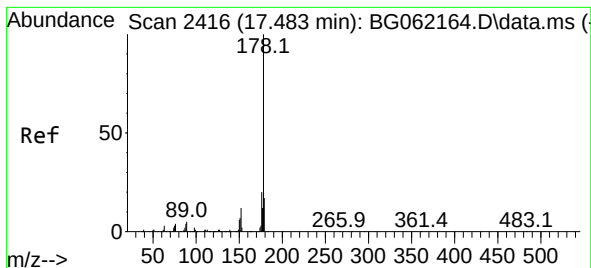
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



#61
Fluorene
Concen: 1.315 ng/ul
RT: 15.736 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BG062166.D
Acq: 22 Jul 2024 18:16

Tgt Ion:166 Resp: 15963
Ion Ratio Lower Upper
166 100
165 114.0 80.2 120.2
167 10.4 10.9 16.3#





#72

Phenanthrene

Concen: 13.715 ng/ul

RT: 17.481 min Scan# 2416

Delta R.T. 0.000 min

Lab File: BG062166.D

Acq: 22 Jul 2024 18:16

Instrument :

BNA_G

ClientSampleId :

A4CK8

Tgt Ion:178 Resp: 258958

Ion Ratio Lower Upper

178 100

179 15.8 14.1 21.1

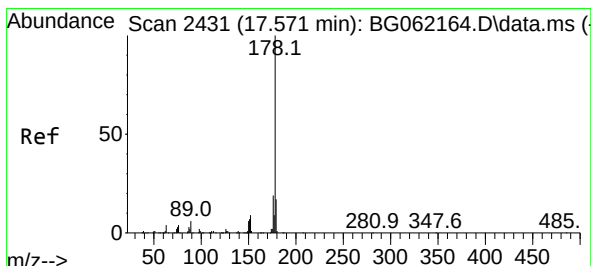
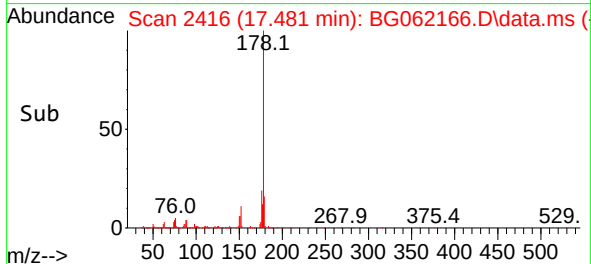
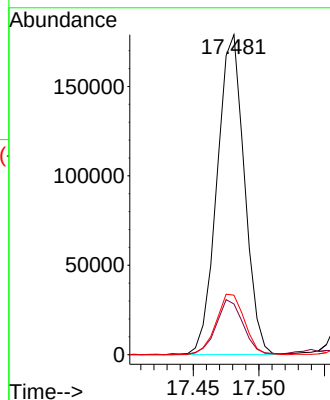
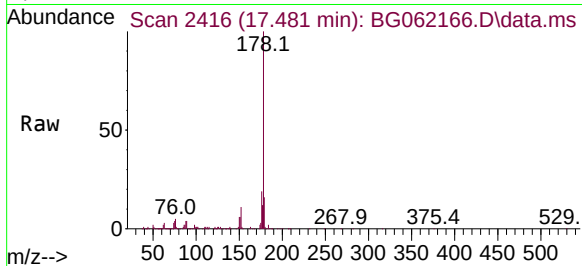
176 18.6 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#74

Anthracene

Concen: 2.431 ng/ul

RT: 17.569 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BG062166.D

Acq: 22 Jul 2024 18:16

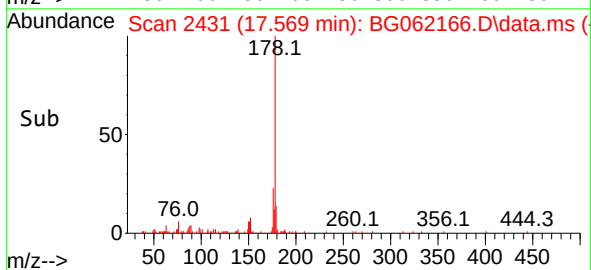
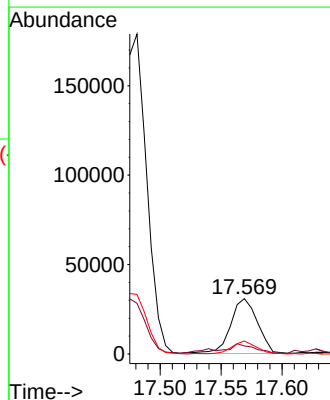
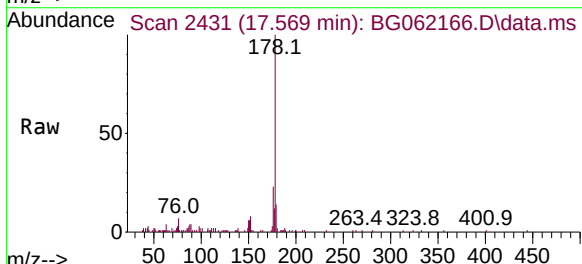
Tgt Ion:178 Resp: 47253

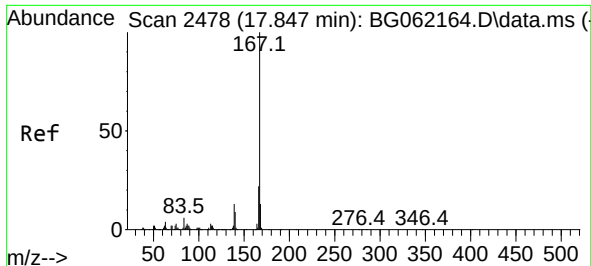
Ion Ratio Lower Upper

178 100

179 14.4 13.9 20.9

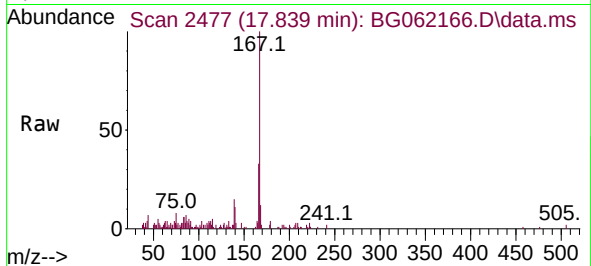
176 23.5 16.3 24.5





#77
 Carbazole
 Concen: 1.349 ng/ul
 RT: 17.839 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BG062166.D
 Acq: 22 Jul 2024 18:16

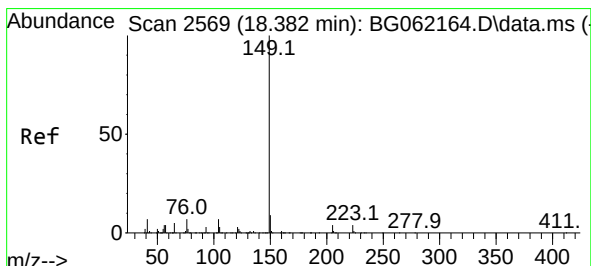
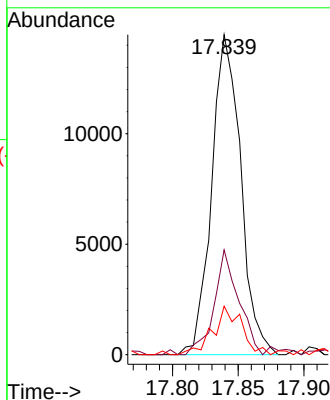
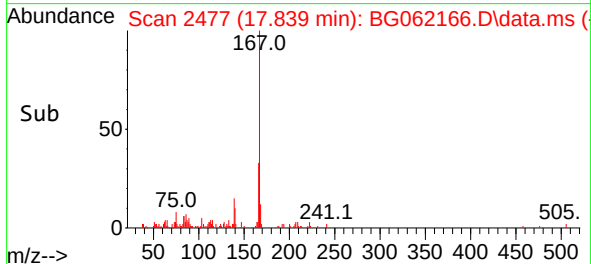
Instrument :
 BNA_G
 ClientSampleId :
 A4CK8



Tgt Ion:167 Resp: 2229
 Ion Ratio Lower Upper
 167 100
 166 32.8 18.5 27.7
 139 15.2 9.8 14.8

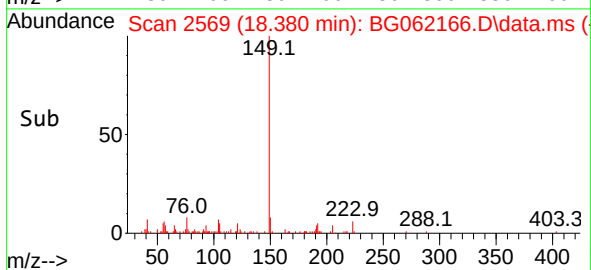
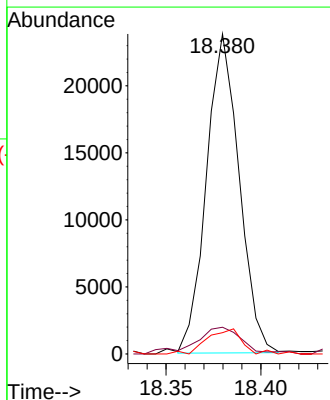
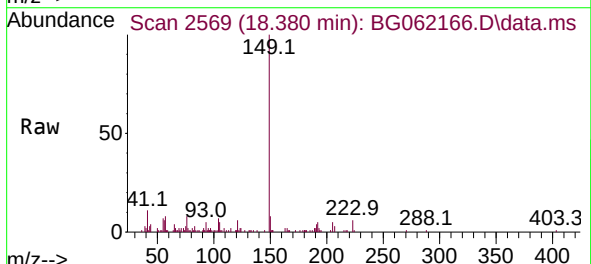
Manual Integrations
 APPROVED

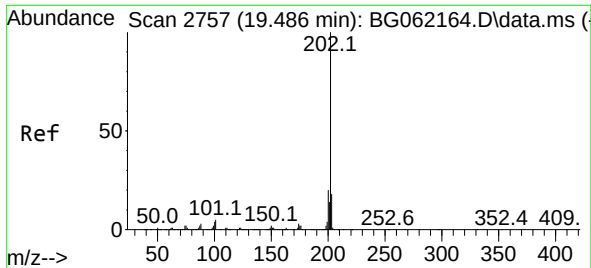
Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



#78
 Di-n-butylphthalate
 Concen: 1.509 ng/ul
 RT: 18.380 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BG062166.D
 Acq: 22 Jul 2024 18:16

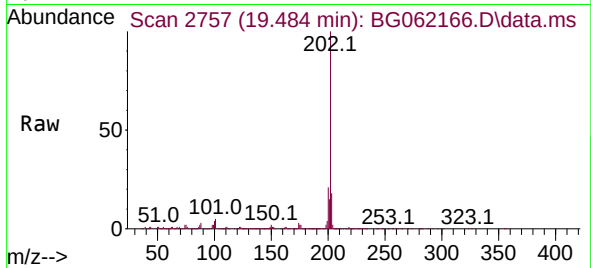
Tgt Ion:149 Resp: 28598
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.4 11.0
 104 6.7 5.2 7.8





#80
Fluoranthene
Concen: 16.827 ng/ul
RT: 19.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG062166.D
Acq: 22 Jul 2024 18:16

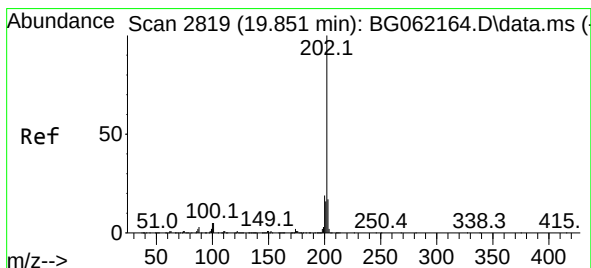
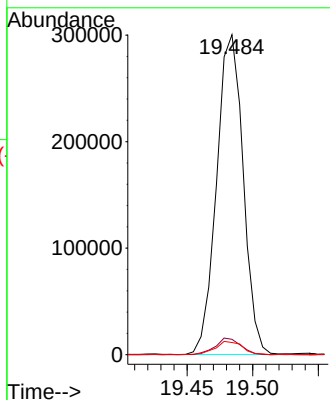
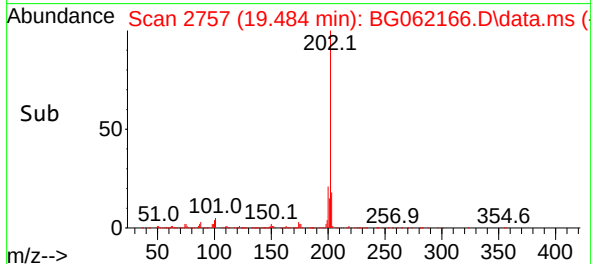
Instrument :
BNA_G
ClientSampleId :
A4CK8



Tgt Ion:202 Resp: 42256
Ion Ratio Lower Upper
202 100
101 4.8 4.2 6.2
100 3.8 3.1 4.7

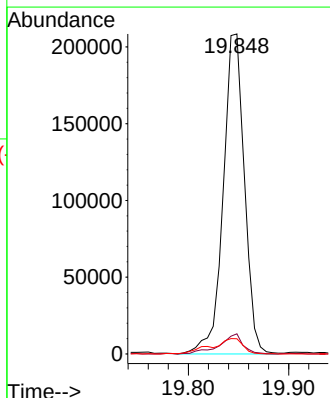
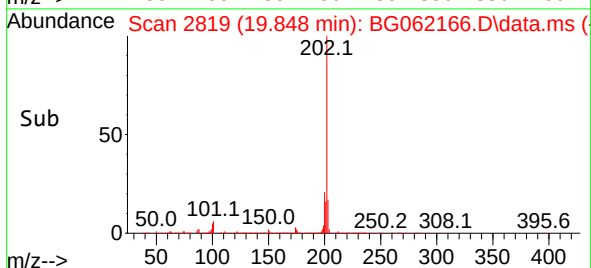
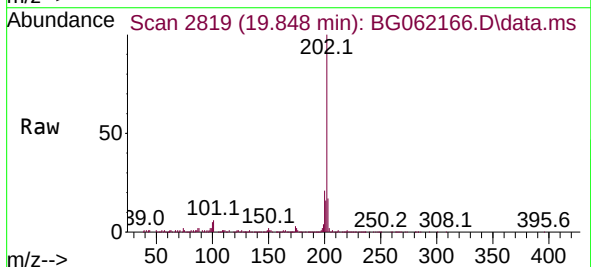
Manual Integrations
APPROVED

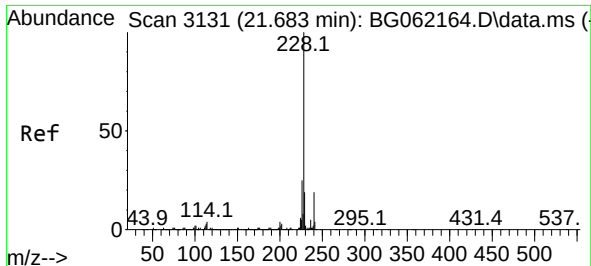
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



#82
Pyrene
Concen: 11.726 ng/ul
RT: 19.848 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BG062166.D
Acq: 22 Jul 2024 18:16

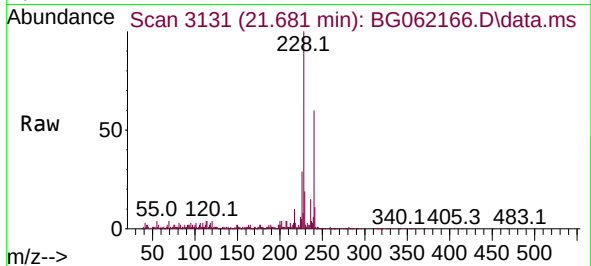
Tgt Ion:202 Resp: 306161
Ion Ratio Lower Upper
202 100
101 6.3 4.2 6.4
100 4.8 4.0 6.0





#85
Benzo(a)anthracene
Concen: 7.630 ng/u1
RT: 21.681 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BG062166.D
Acq: 22 Jul 2024 18:16

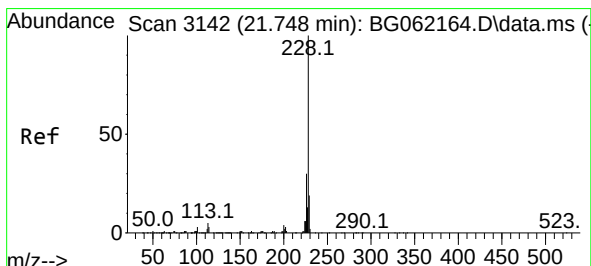
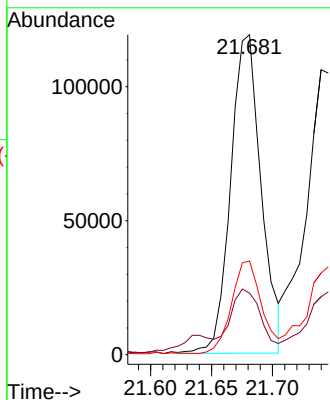
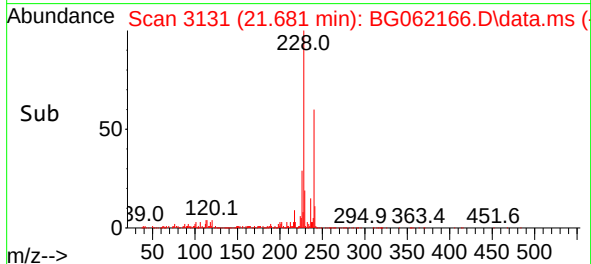
Instrument :
BNA_G
ClientSampleId :
A4CK8



Tgt Ion:228 Resp: 206760
Ion Ratio Lower Upper
228 100
229 19.3 15.4 23.2
226 29.3 20.9 31.3

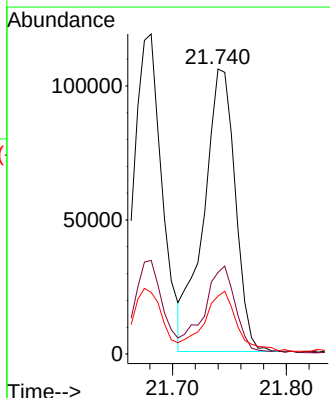
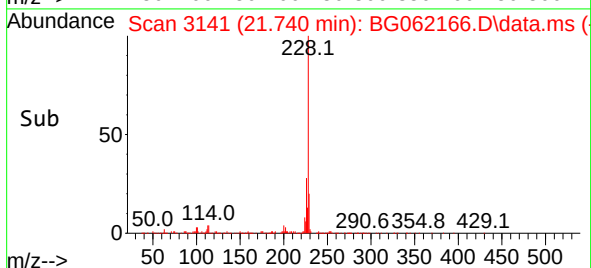
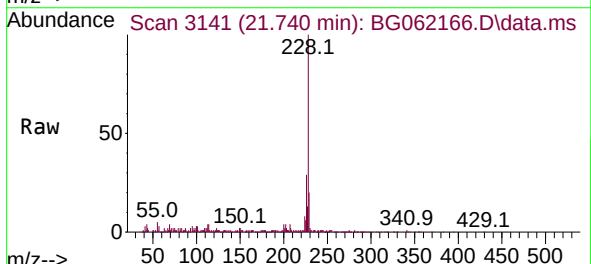
Manual Integrations
APPROVED

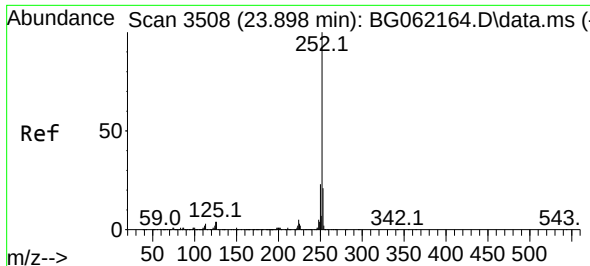
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 8.201 ng/u1
RT: 21.740 min Scan# 3141
Delta R.T. -0.011 min
Lab File: BG062166.D
Acq: 22 Jul 2024 18:16

Tgt Ion:228 Resp: 204312
Ion Ratio Lower Upper
228 100
226 28.7 24.0 36.0
229 20.3 15.4 23.0





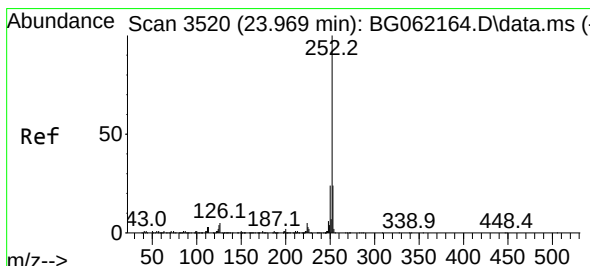
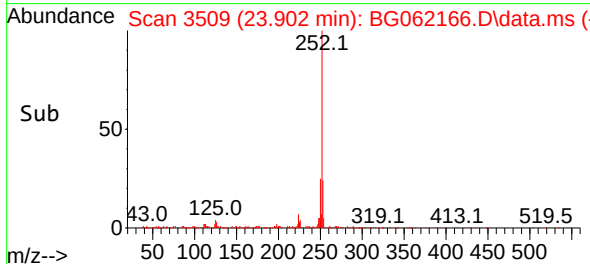
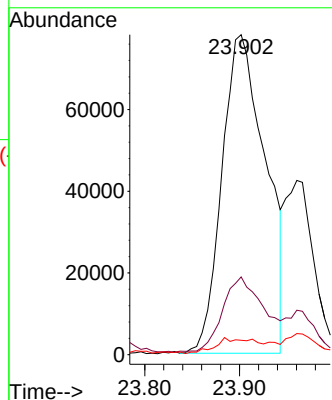
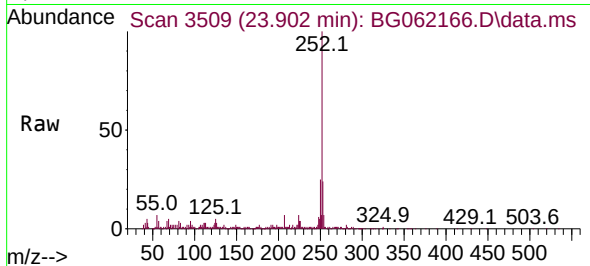
#90
Benzo(b)fluoranthene
Concen: 10.111 ng/ul
RT: 23.902 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BG062166.D
Acq: 22 Jul 2024 18:16

Instrument :
BNA_G
ClientSampleId :
A4CK8

Tgt Ion:252 Resp: 24915
Ion Ratio Lower Upper
252 100
253 24.3 17.2 25.8
125 4.5 3.4 5.0

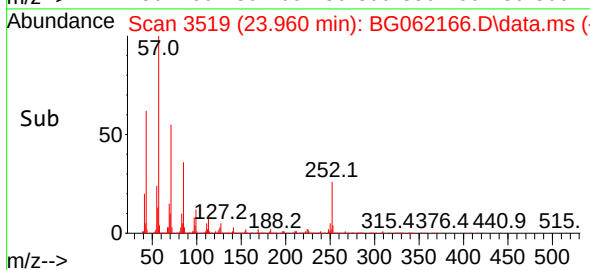
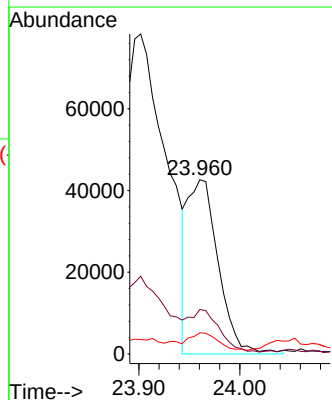
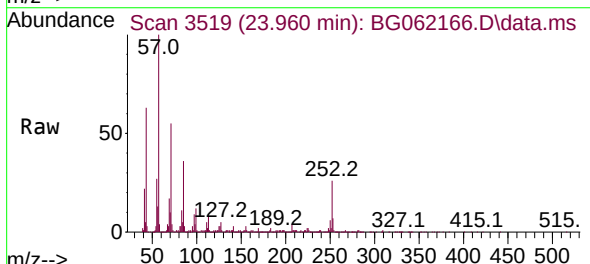
Manual Integrations
APPROVED

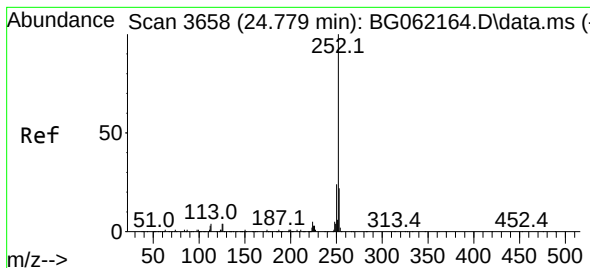
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



#91
Benzo(k)fluoranthene
Concen: 3.666 ng/ul m
RT: 23.960 min Scan# 3519
Delta R.T. -0.012 min
Lab File: BG062166.D
Acq: 22 Jul 2024 18:16

Tgt Ion:252 Resp: 90162
Ion Ratio Lower Upper
252 100
253 25.5 18.2 27.2
125 12.2 2.7 4.1#





#93

Benzo(a)pyrene

Concen: 4.341 ng/ul

RT: 24.771 min Scan# 30

Delta R.T. -0.012 min

Lab File: BG062166.D

Acq: 22 Jul 2024 18:16

Instrument :

BNA_G

ClientSampleId :

A4CK8

Tgt Ion:252 Resp: 10018

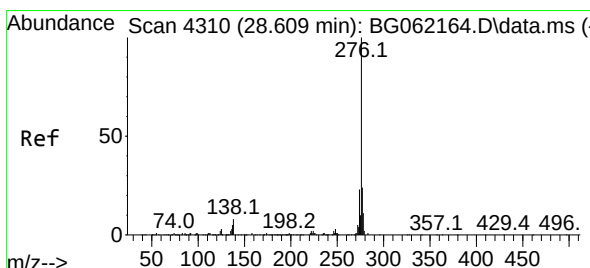
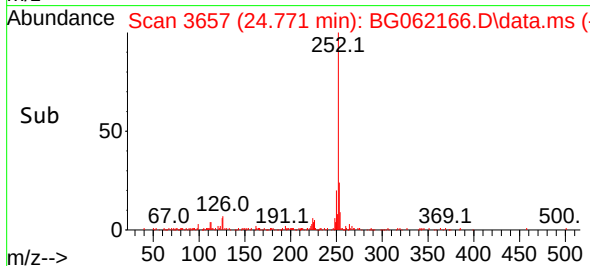
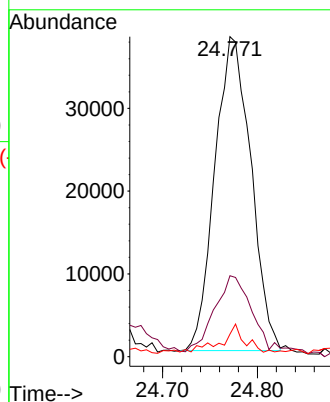
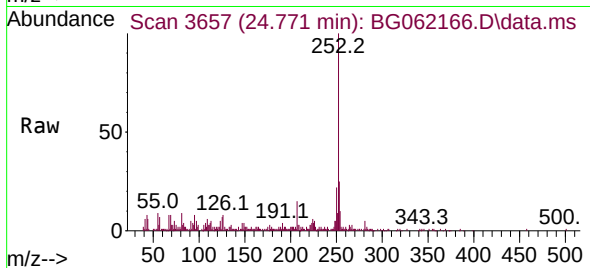
Ion	Ratio	Lower	Upper
252	100		
253	25.3	16.6	24.8
125	7.0	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.703 ng/ul

RT: 28.613 min Scan# 4311

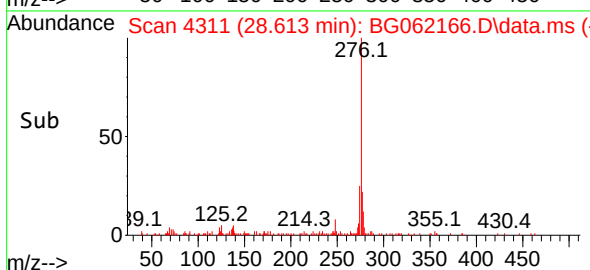
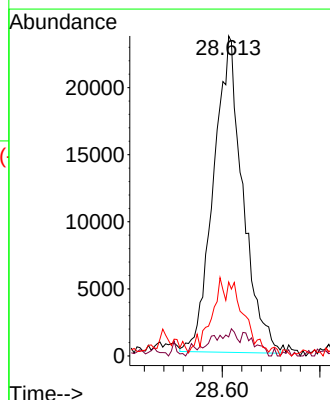
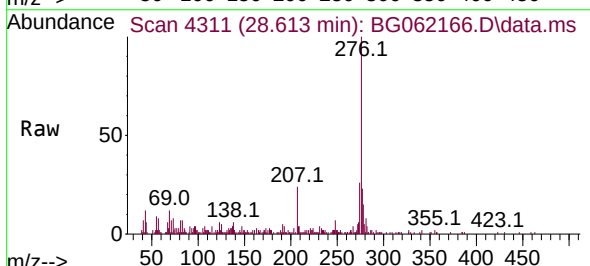
Delta R.T. -0.011 min

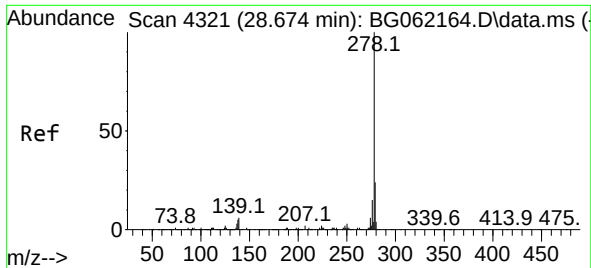
Lab File: BG062166.D

Acq: 22 Jul 2024 18:16

Tgt Ion:276 Resp: 98191

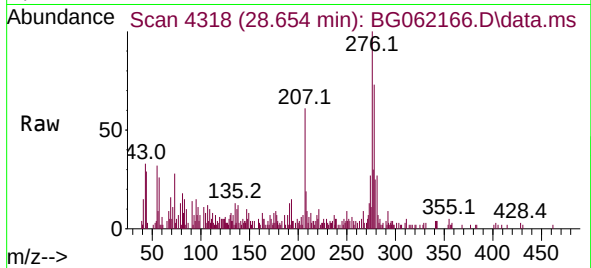
Ion	Ratio	Lower	Upper
276	100		
138	6.0	6.1	9.1
277	23.1	17.4	26.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.594 ng/ul m
 RT: 28.654 min Scan# 4
 Delta R.T. -0.029 min
 Lab File: BG062166.D
 Acq: 22 Jul 2024 18:16

Instrument :
 BNA_G
 ClientSampleId :
 A4CK8



Tgt Ion:278 Resp: 35054
 Ion Ratio Lower Upper
 278 100
 139 4.0 4.7 7.1
 279 33.7 18.9 28.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

