

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
 Data File : BG062263.D
 Acq On : 6 Aug 2024 9:11
 Operator : MA/JU
 Sample : P3361-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E20Q5

Manual Integrations
 APPROVED

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

Quant Time: Aug 06 10:46:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 06 02:21:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	69900	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	333745	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	248135	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.319	188	527971	20.000	ng/u1	0.00
79) Chrysene-d12	21.566	240	488852	20.000	ng/u1	0.00
88) Perylene-d12	24.662	264	567445	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	3276	2.021	ng/uL	0.00
4) Pyridine-d5	3.843	84	3118	0.611	ng/u1	0.01
7) Phenol-d5	7.115	99	84401	12.650	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.291	67	49216	11.984	ng/u1	0.00
11) 2-Chlorophenol-d4	7.491	132	61249	12.813	ng/u1	0.00
15) 4-Methylphenol-d8	8.654	113	68482	12.323	ng/u1	0.00
21) Nitrobenzene-d5	9.112	128	28368	13.785	ng/u1	0.00
24) 2-Nitrophenol-d4	9.835	143	28731	14.841	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	71778	12.766	ng/u1	0.00
31) 4-Chloroaniline-d4	10.886	131	58609	7.187	ng/u1	0.00
46) Dimethylphthalate-d6	13.988	166	246665	12.884	ng/u1	0.00
49) Acenaphthylene-d8	14.276	160	272636	12.560	ng/u1	0.00
54) 4-Nitrophenol-d4	14.752	143	28713	10.713	ng/u1	0.00
60) Fluorene-d10	15.568	176	227169	13.220	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	15765	10.082	ng/u1	0.00
73) Anthracene-d10	17.419	188	339788	13.343	ng/u1	0.00
81) Pyrene-d10	19.698	212	298971	10.289	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.444	264	197364	6.506	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.360	178	276184	9.294	ng/u1	99
74) Anthracene	17.454	178	73479	2.409	ng/u1	98
80) Fluoranthene	19.369	202	1008357	30.692	ng/u1	99
82) Pyrene	19.727	202	565283	16.157	ng/u1	97
85) Benzo(a)anthracene	21.548	228	493630	13.788	ng/u1	97
87) Chrysene	21.607	228	487407	14.422	ng/u1	97
90) Benzo(b)fluoranthene	23.687	252	628044	18.195	ng/u1	98
91) Benzo(k)fluoranthene	23.745	252	223921m	6.377	ng/u1	
93) Benzo(a)pyrene	24.509	252	163272	4.999	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.145	276	173698	4.104	ng/u1	96
95) Dibenzo(a,h)anthracene	28.210	278	79161	2.290	ng/u1	97

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

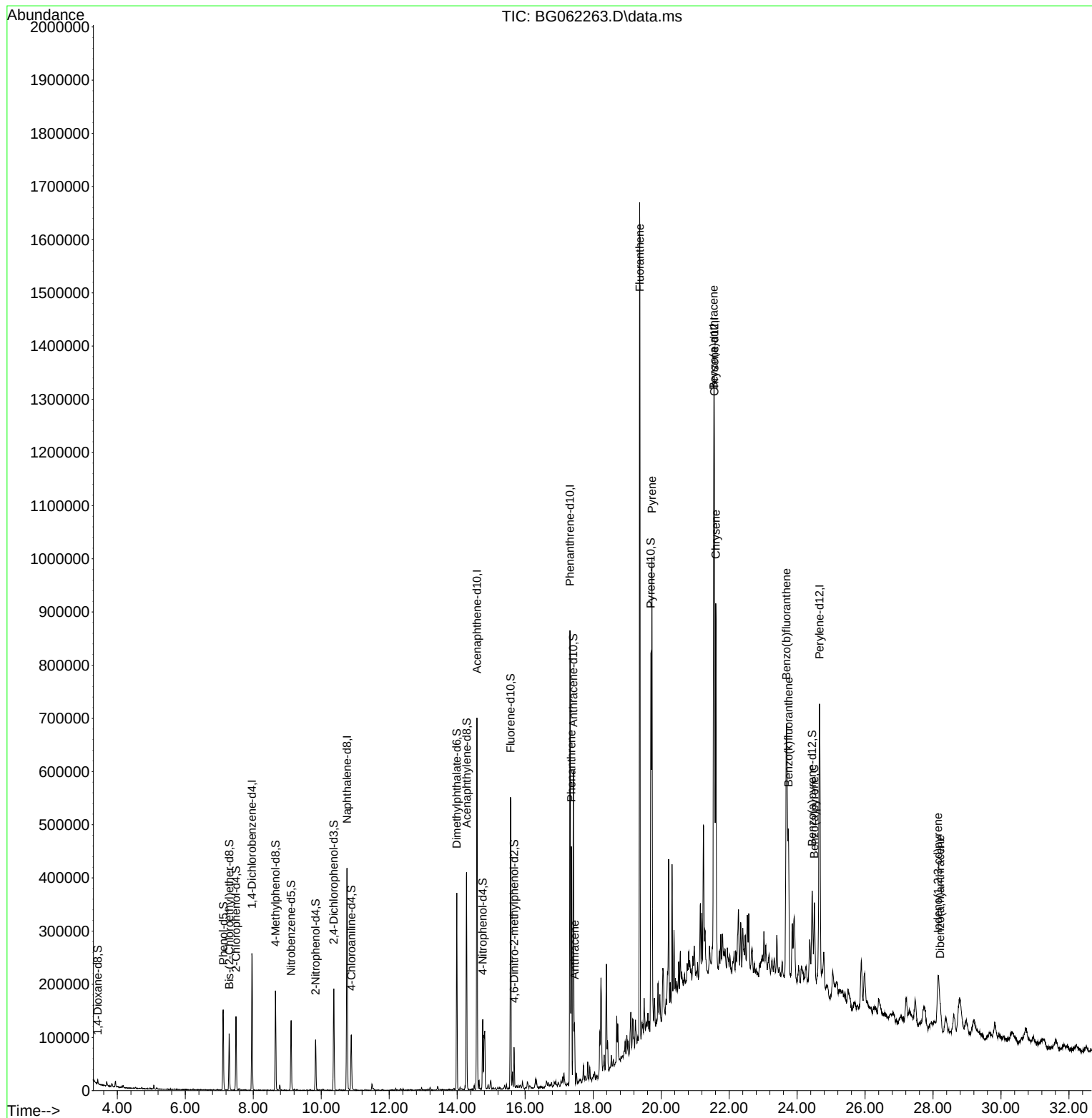
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
 Data File : BG062263.D
 Acq On : 6 Aug 2024 9:11
 Operator : MA/JU
 Sample : P3361-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

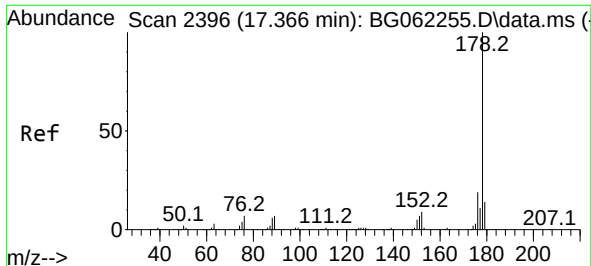
Instrument :
 BNA_G
 ClientSampleId :
 E20Q5

Manual Integrations APPROVED

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

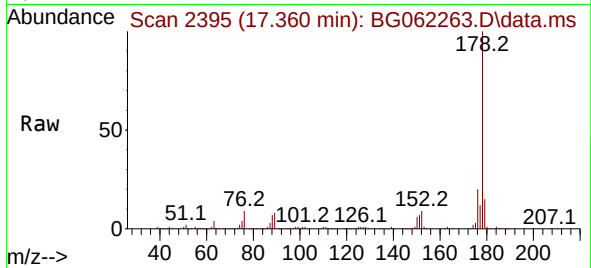
Quant Time: Aug 06 10:46:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 06 02:21:27 2024
 Response via : Initial Calibration





#72
Phenanthrene
Concen: 9.294 ng/ul
RT: 17.360 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG062263.D
Acq: 6 Aug 2024 9:11

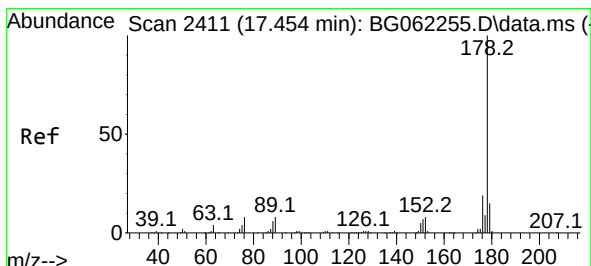
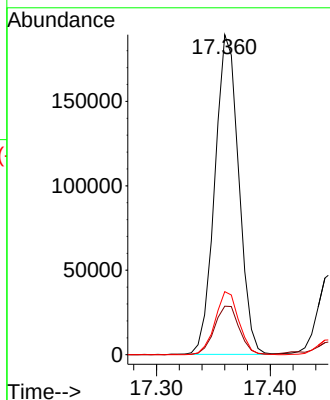
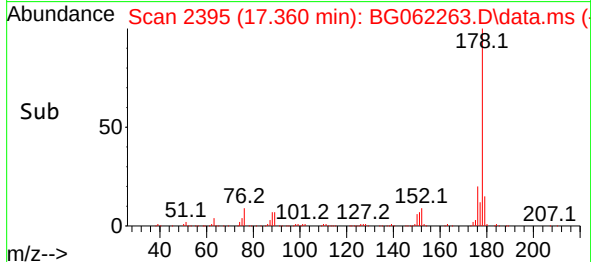
Instrument :
BNA_G
ClientSampleId :
E20Q5



Tgt Ion:178 Resp: 276184
Ion Ratio Lower Upper
178 100
179 15.2 11.9 17.9
176 19.7 15.4 23.2

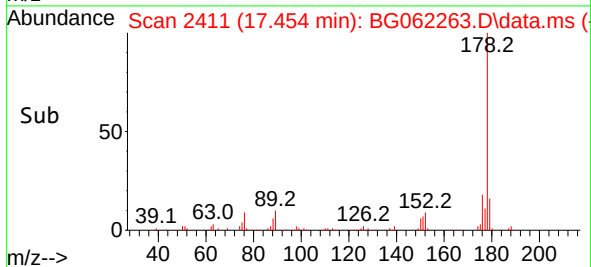
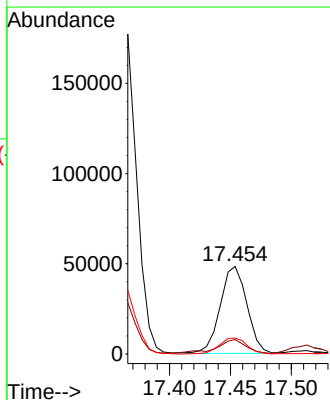
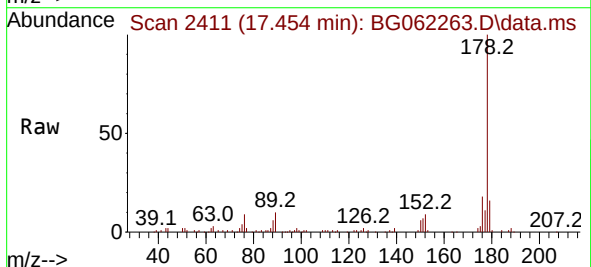
Manual Integrations
APPROVED

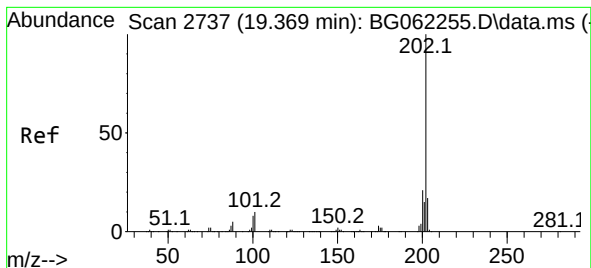
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/08/2024



#74
Anthracene
Concen: 2.409 ng/ul
RT: 17.454 min Scan# 2411
Delta R.T. -0.010 min
Lab File: BG062263.D
Acq: 6 Aug 2024 9:11

Tgt Ion:178 Resp: 73479
Ion Ratio Lower Upper
178 100
179 16.4 12.1 18.1
176 18.2 15.1 22.7





#80

Fluoranthene

Concen: 30.692 ng/u1

RT: 19.369 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG062263.D

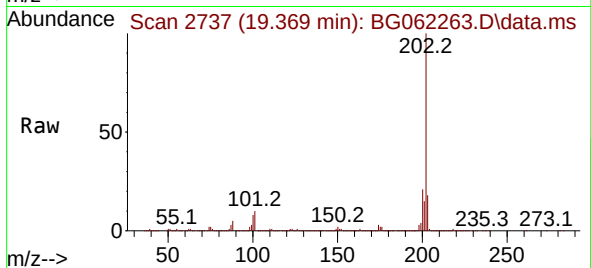
Acq: 6 Aug 2024 9:11

Instrument :

BNA_G

ClientSampleId :

E20Q5



Tgt Ion:202 Resp: 100835

Ion Ratio Lower Upper

202 100

101 10.4 8.4 12.6

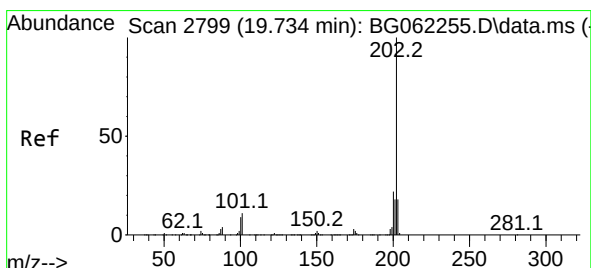
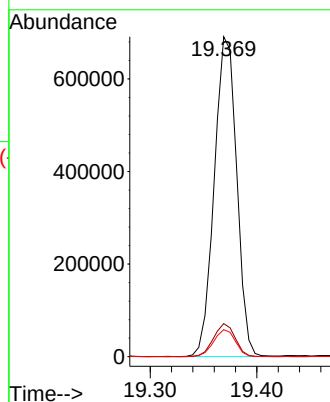
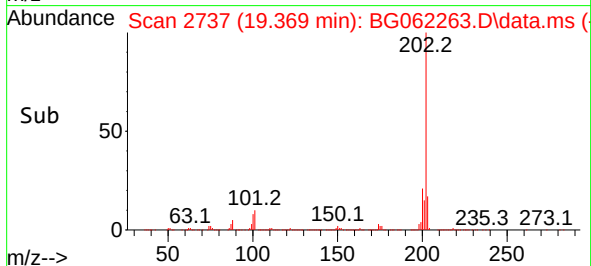
100 8.5 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024

Supervised By :mohammad ahmed 08/08/2024



#82

Pyrene

Concen: 16.157 ng/u1

RT: 19.727 min Scan# 2798

Delta R.T. -0.010 min

Lab File: BG062263.D

Acq: 6 Aug 2024 9:11

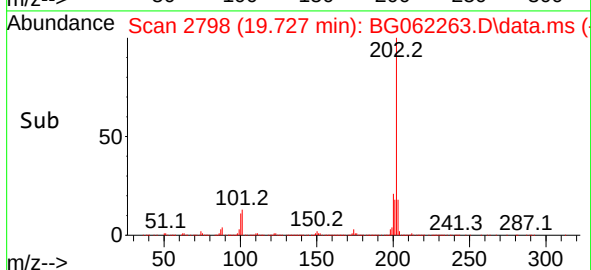
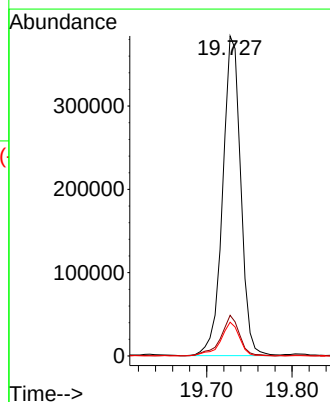
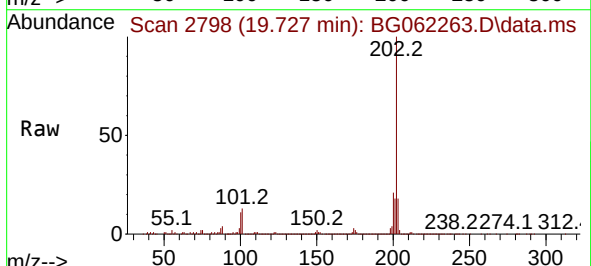
Tgt Ion:202 Resp: 565283

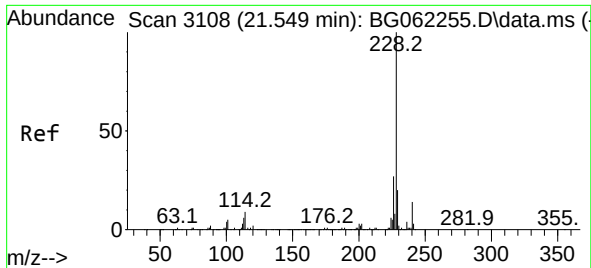
Ion Ratio Lower Upper

202 100

101 12.7 9.0 13.4

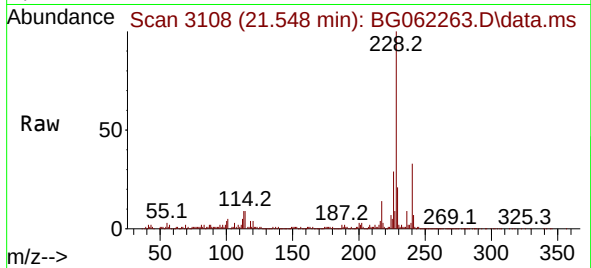
100 10.5 7.8 11.8





#85
Benzo(a)anthracene
Concen: 13.788 ng/ul
RT: 21.548 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BG062263.D
Acq: 6 Aug 2024 9:11

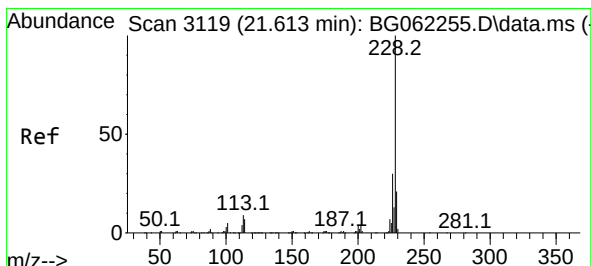
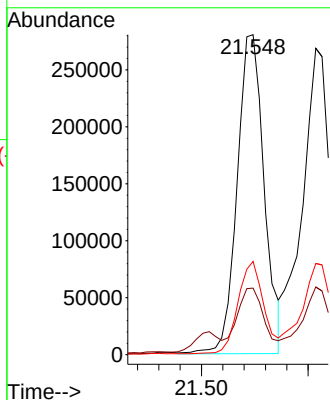
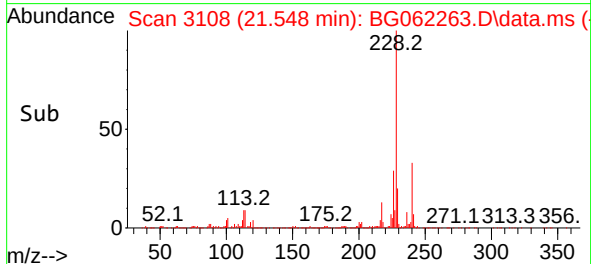
Instrument :
BNA_G
ClientSampleId :
E20Q5



Tgt Ion:228 Resp: 493630
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 29.2 21.6 32.4

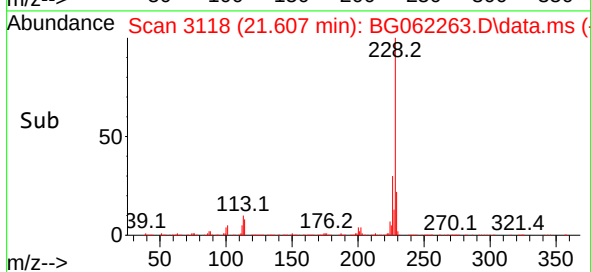
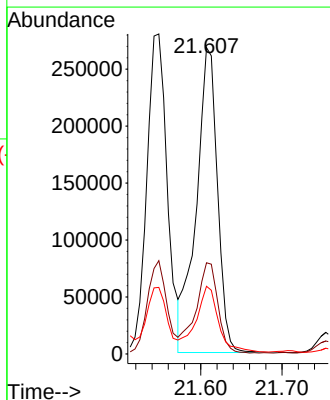
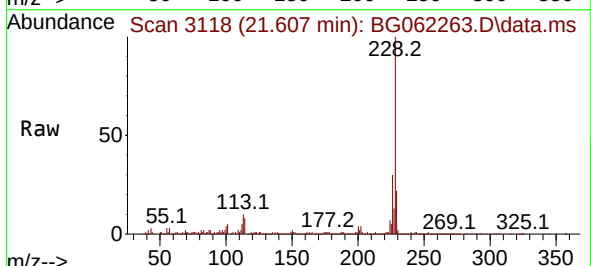
Manual Integrations
APPROVED

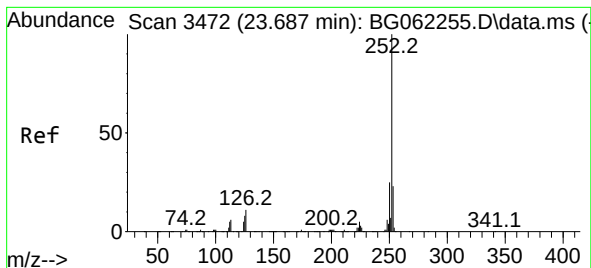
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/08/2024



#87
Chrysene
Concen: 14.422 ng/ul
RT: 21.607 min Scan# 3118
Delta R.T. -0.010 min
Lab File: BG062263.D
Acq: 6 Aug 2024 9:11

Tgt Ion:228 Resp: 487407
Ion Ratio Lower Upper
228 100
226 29.8 24.6 37.0
229 22.1 15.7 23.5





#90

Benzo(b)fluoranthene

Concen: 18.195 ng/ul

RT: 23.687 min Scan# 3472

Delta R.T. -0.010 min

Lab File: BG062263.D

Acq: 6 Aug 2024 9:11

Instrument :

BNA_G

ClientSampleId :

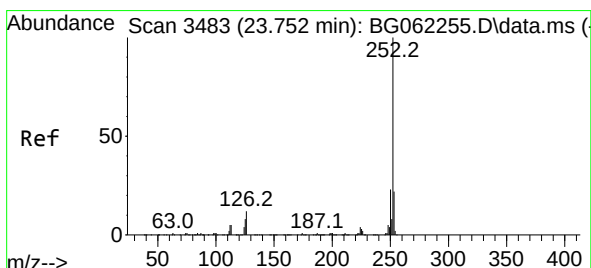
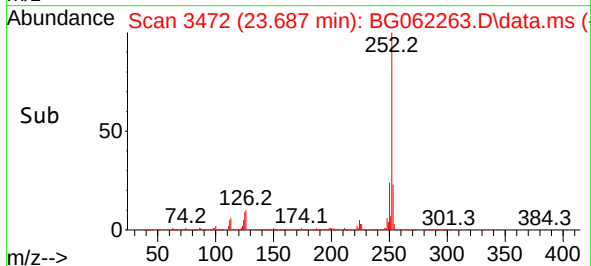
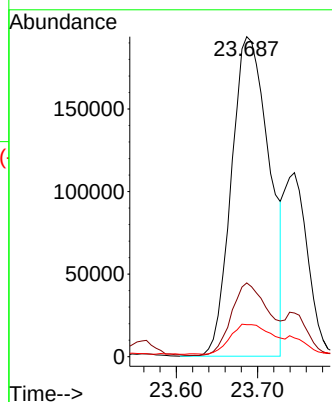
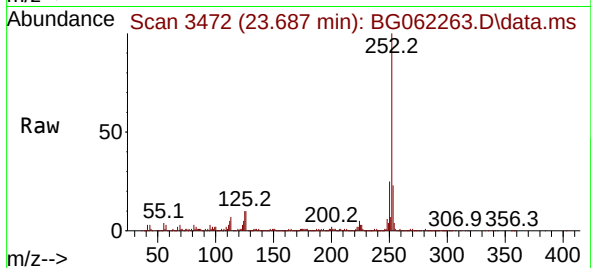
E20Q5

Tgt Ion:252	Resp: 62804
Ion Ratio	Lower Upper
252	100
253	23.1 17.7 26.5
125	10.0 7.3 10.9

Manual Integrations

APPROVED

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



#91

Benzo(k)fluoranthene

Concen: 6.377 ng/ul m

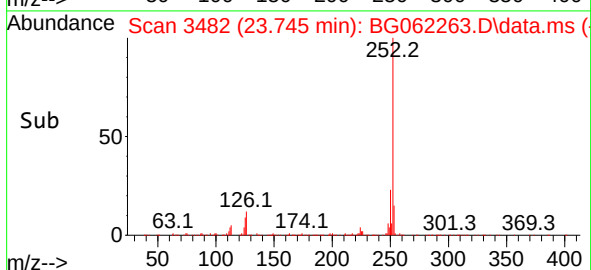
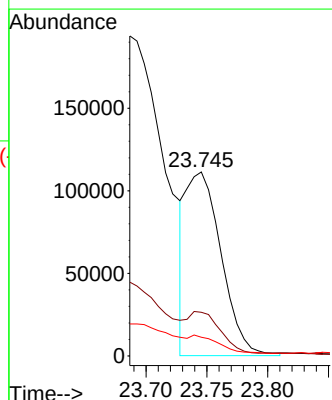
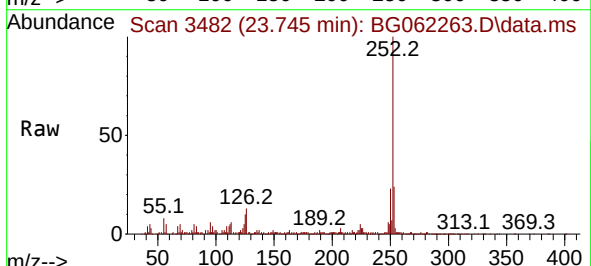
RT: 23.745 min Scan# 3482

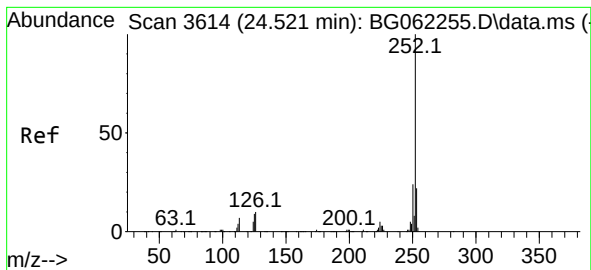
Delta R.T. -0.016 min

Lab File: BG062263.D

Acq: 6 Aug 2024 9:11

Tgt Ion:252	Resp: 223921
Ion Ratio	Lower Upper
252	100
253	23.7 17.4 26.0
125	10.2 6.8 10.2





#93

Benzo(a)pyrene

Concen: 4.999 ng/u1

RT: 24.509 min Scan# 30

Delta R.T. -0.022 min

Lab File: BG062263.D

Acq: 6 Aug 2024 9:11

Instrument :

BNA_G

ClientSampleId :

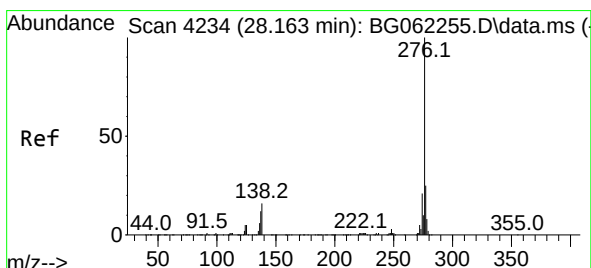
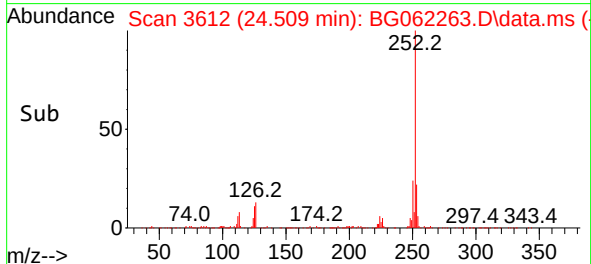
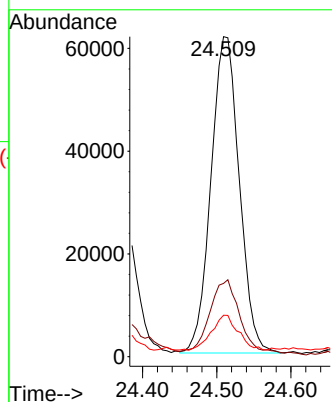
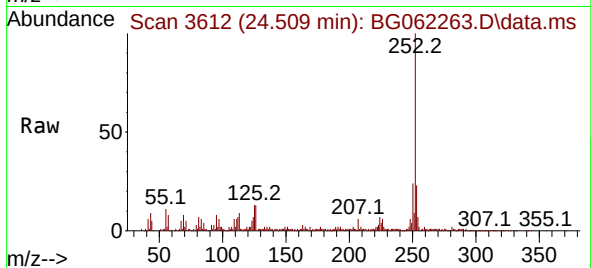
E20Q5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	12.9	7.6	11.4

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.104 ng/u1

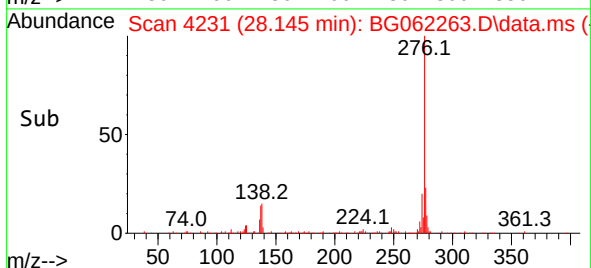
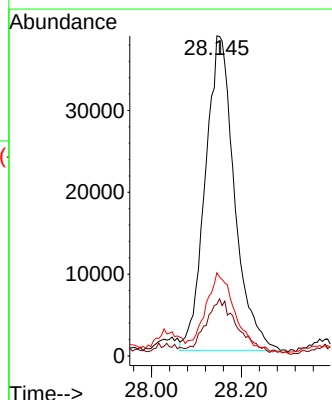
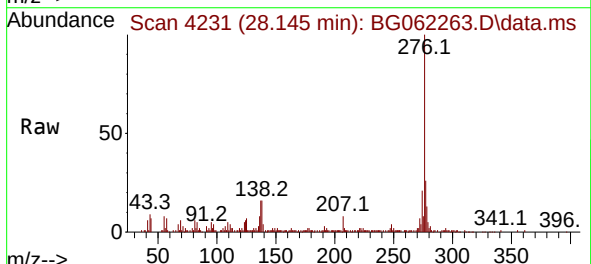
RT: 28.145 min Scan# 4231

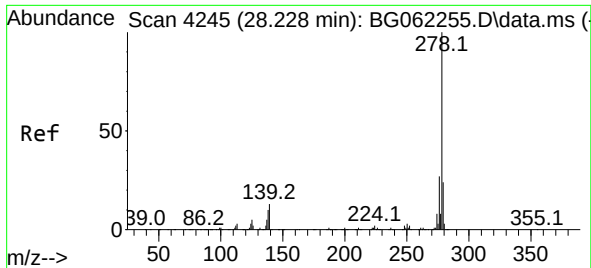
Delta R.T. -0.033 min

Lab File: BG062263.D

Acq: 6 Aug 2024 9:11

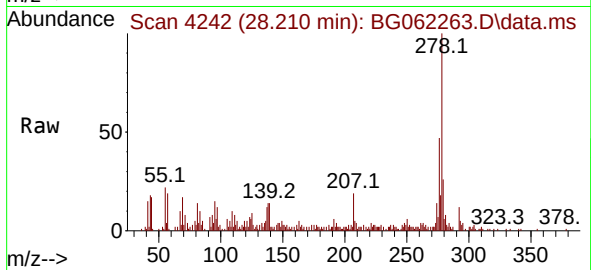
Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.4	18.6
277	26.0	18.5	27.7





#95
 Dibenzo(a,h)anthracene
 Concen: 2.290 ng/ul
 RT: 28.210 min Scan# 41
 Delta R.T. -0.039 min
 Lab File: BG062263.D
 Acq: 6 Aug 2024 9:11

Instrument :
 BNA_G
 ClientSampleId :
 E20Q5



Tgt Ion:278 Resp: 7916
 Ion Ratio Lower Upper
 278 100
 139 14.1 10.4 15.6
 279 25.9 19.6 29.4

Manual Integrations
 APPROVED

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

