

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
 Data File : BG062410.D
 Acq On : 15 Aug 2024 11:13
 Operator : MA/JU
 Sample : P3481-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E0AE7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 15 23:35:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 15:31:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	65426	20.000	ng/u1	0.00
20) Naphthalene-d8	10.749	136	306570	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.579	164	229629	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	527097	20.000	ng/u1	0.00
79) Chrysene-d12	21.558	240	509089	20.000	ng/u1	0.00
88) Perylene-d12	24.648	264	592444	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	4203	2.439	ng/uL	0.00
4) Pyridine-d5	3.829	84	43725	8.327	ng/u1	0.00
7) Phenol-d5	7.113	99	98344	15.110	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.283	67	62000	15.122	ng/u1	0.00
11) 2-Chlorophenol-d4	7.489	132	73134	16.449	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	80856	14.820	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	34843	17.723	ng/u1	0.00
24) 2-Nitrophenol-d4	9.832	143	37055	18.947	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	78265	15.712	ng/u1	0.00
31) 4-Chloroaniline-d4	10.878	131	46685	5.910	ng/u1	0.00
46) Dimethylphthalate-d6	13.980	166	287701	16.107	ng/u1	0.00
49) Acenaphthylene-d8	14.268	160	317386	16.048	ng/u1	0.00
54) 4-Nitrophenol-d4	14.755	143	26473	9.291	ng/u1	0.00
60) Fluorene-d10	15.566	176	265385	16.473	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	21238	8.868	ng/u1	0.00
73) Anthracene-d10	17.416	188	393273	15.531	ng/u1	0.00
81) Pyrene-d10	19.696	212	526097	17.646	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.436	264	538865	17.139	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.358	178	29975	1.012	ng/u1	96
80) Fluoranthene	19.367	202	105356	3.163	ng/u1	98
82) Pyrene	19.725	202	108915	3.034	ng/u1	98
85) Benzo(a)anthracene	21.540	228	74486m	2.016	ng/u1	
87) Chrysene	21.605	228	68973	1.969	ng/u1	97
90) Benzo(b)fluoranthene	23.673	252	90623	2.532	ng/u1	95
93) Benzo(a)pyrene	24.501	252	79664	2.361	ng/u1	96
96) Benzo(g,h,i)perylene	29.200	276	49275m	1.494	ng/u1	

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

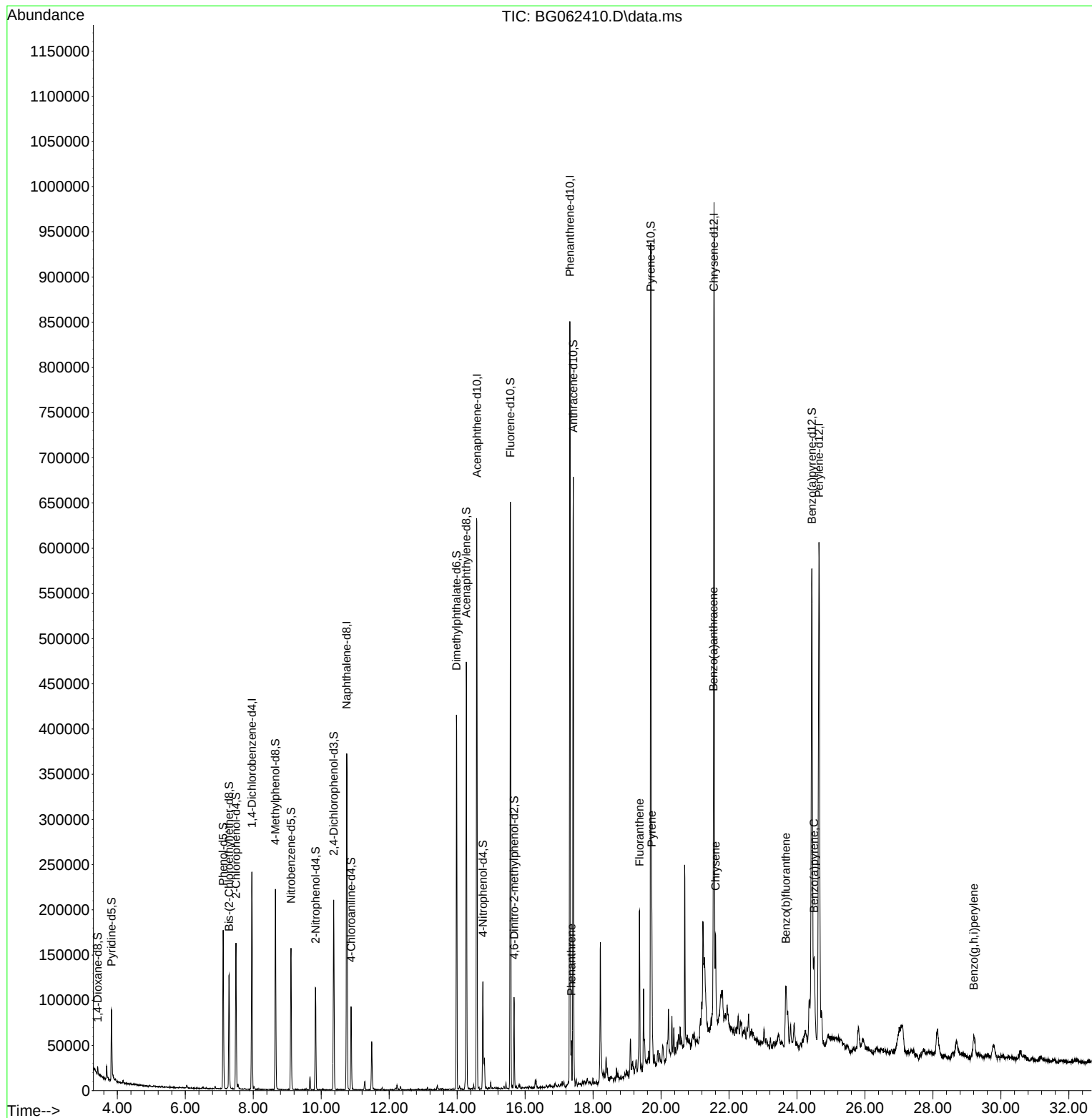
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081524\
Data File : BG062410.D
Acq On : 15 Aug 2024 11:13
Operator : MA/JU
Sample : P3481-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

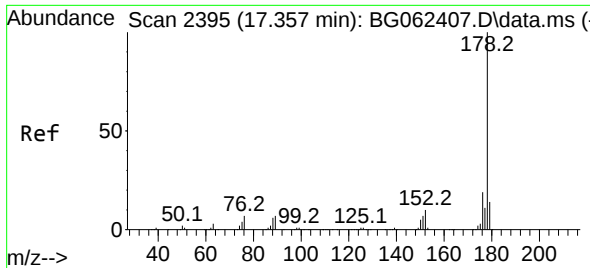
Instrument :
BNA_G
ClientSampleId :
E0AE7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

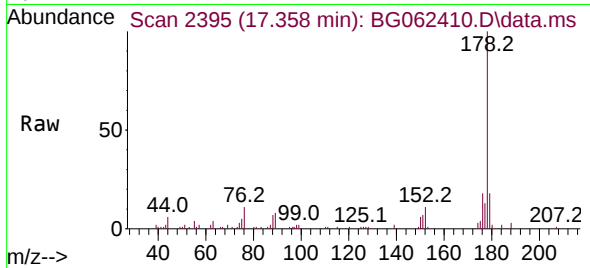
Quant Time: Aug 15 23:35:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.012 ng/ul
RT: 17.358 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG062410.D
Acq: 15 Aug 2024 11:13

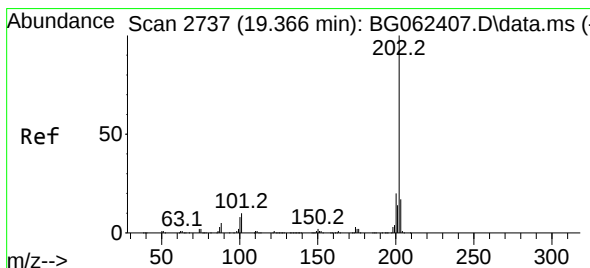
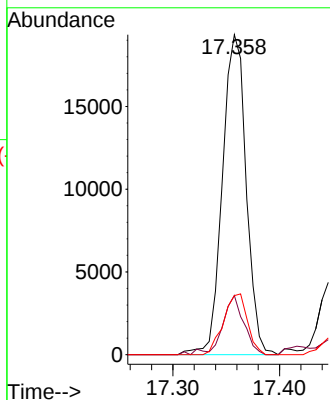
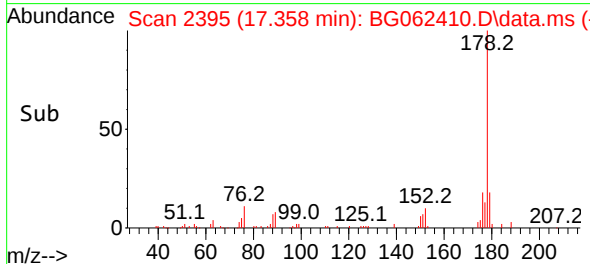
Instrument :
BNA_G
ClientSampleId :
E0AE7



Tgt Ion:178 Resp: 2997
Ion Ratio Lower Upper
178 100
179 18.5 12.4 18.6
176 18.4 15.2 22.8

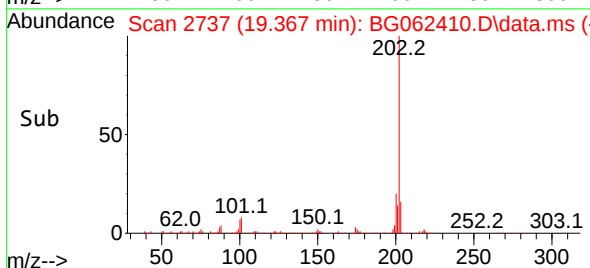
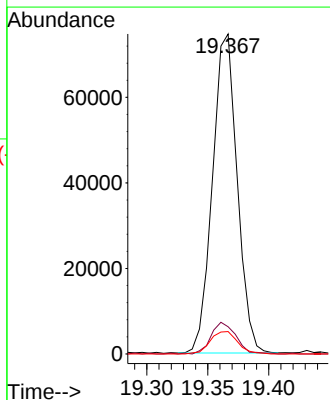
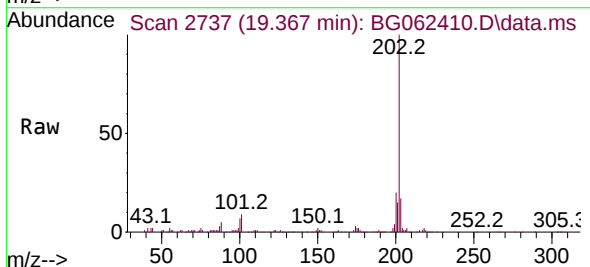
Manual Integrations
APPROVED

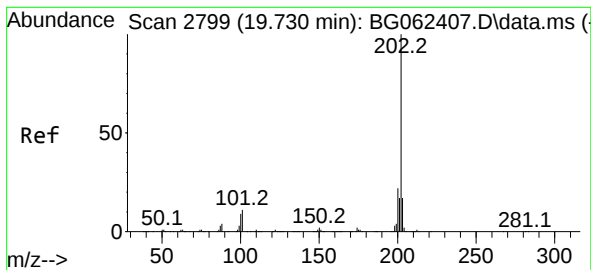
Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#80
Fluoranthene
Concen: 3.163 ng/ul
RT: 19.367 min Scan# 2737
Delta R.T. -0.000 min
Lab File: BG062410.D
Acq: 15 Aug 2024 11:13

Tgt Ion:202 Resp: 105356
Ion Ratio Lower Upper
202 100
101 8.5 7.6 11.4
100 7.0 6.2 9.2





#82

Pyrene

Concen: 3.034 ng/ul

RT: 19.725 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG062410.D

Acq: 15 Aug 2024 11:13

Instrument :

BNA_G

ClientSampleId :

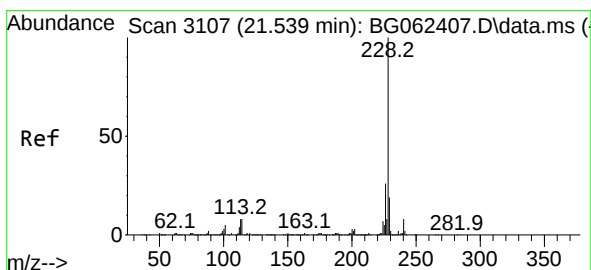
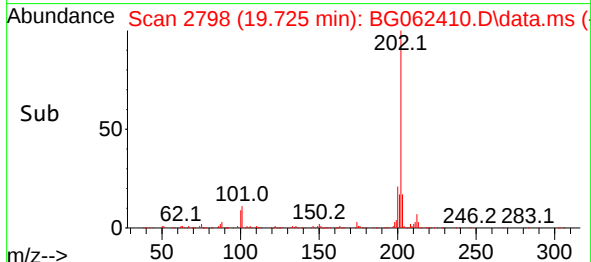
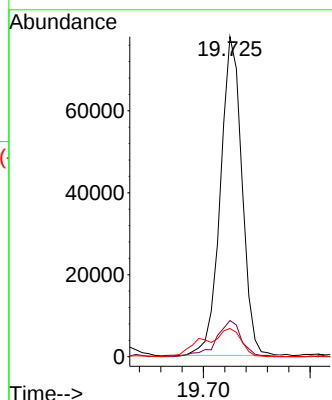
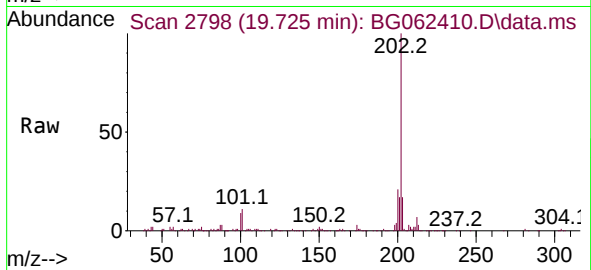
E0AE7

Tgt Ion:202 Resp: 10891
 Ion Ratio Lower Upper
 202 100
 101 11.3 9.0 13.6
 100 8.8 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
 Supervised By :mohammad ahmed 08/17/2024



#85

Benzo(a)anthracene

Concen: 2.016 ng/ul m

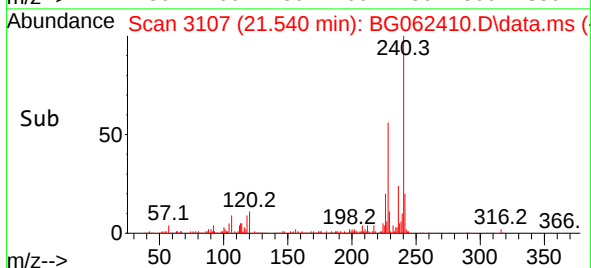
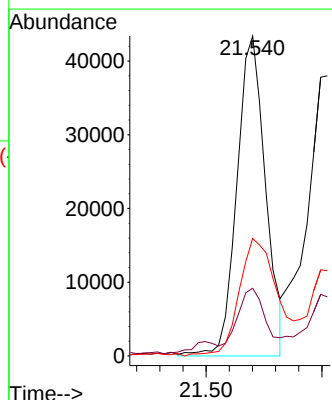
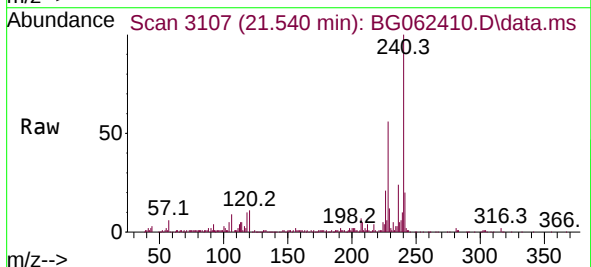
RT: 21.540 min Scan# 3107

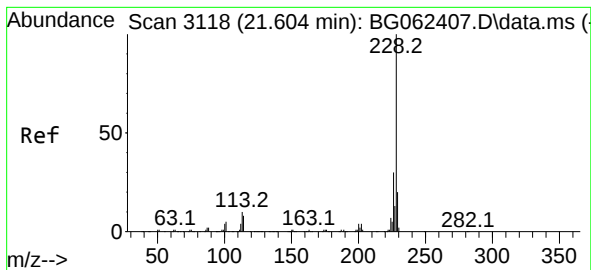
Delta R.T. -0.006 min

Lab File: BG062410.D

Acq: 15 Aug 2024 11:13

Tgt Ion:228 Resp: 74486
 Ion Ratio Lower Upper
 228 100
 229 21.2 16.2 24.4
 226 36.7 21.5 32.3#





#87

Chrysene

Concen: 1.969 ng/ul

RT: 21.605 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BG062410.D

Acq: 15 Aug 2024 11:13

Instrument :

BNA_G

ClientSampleId :

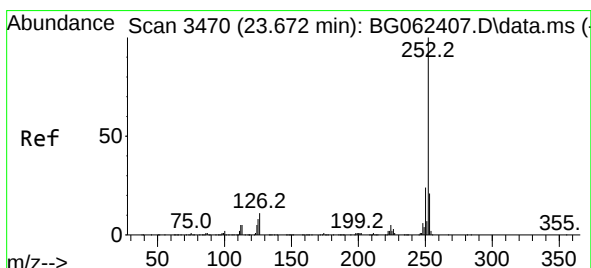
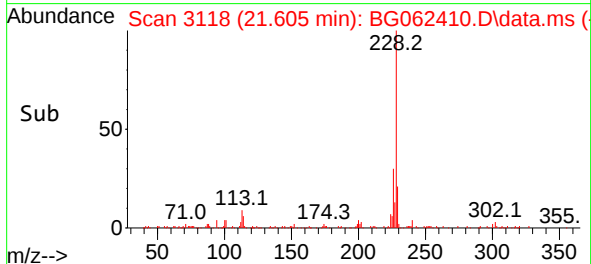
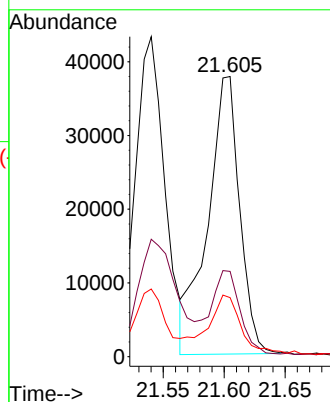
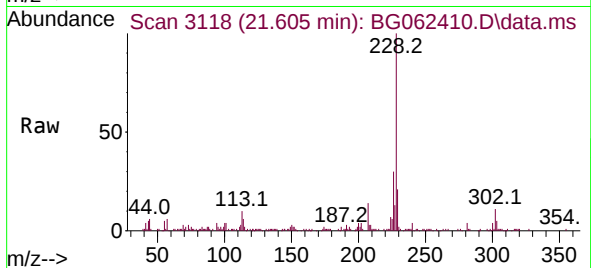
E0AE7

Tgt Ion:	228	Resp:	6897
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.4	35.2
229	21.1	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#90

Benzo(b)fluoranthene

Concen: 2.532 ng/ul

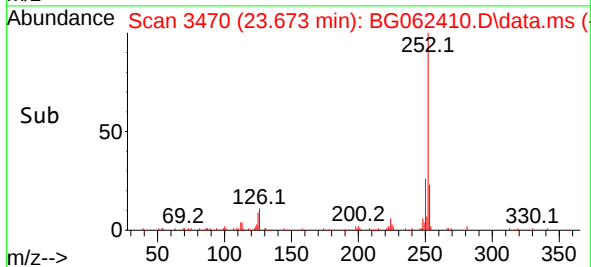
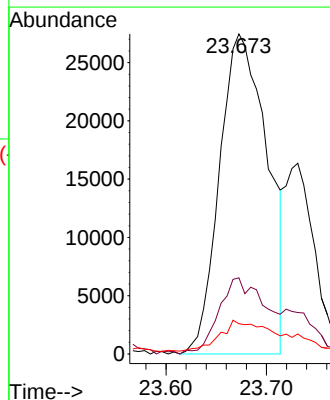
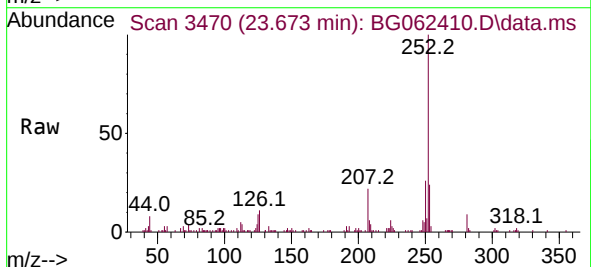
RT: 23.673 min Scan# 3470

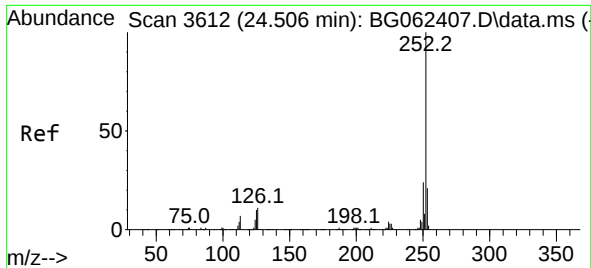
Delta R.T. -0.006 min

Lab File: BG062410.D

Acq: 15 Aug 2024 11:13

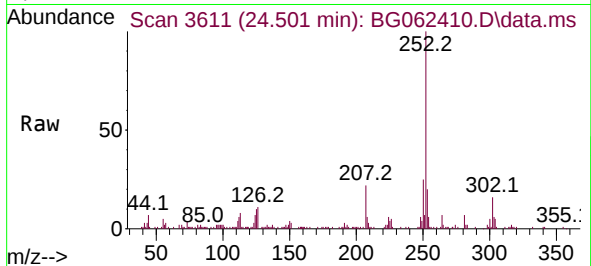
Tgt Ion:	252	Resp:	90623
Ion Ratio	Lower	Upper	
252	100		
253	23.8	16.9	25.3
125	9.5	7.0	10.4





#93
Benzo(a)pyrene
Concen: 2.361 ng/ul
RT: 24.501 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG062410.D
Acq: 15 Aug 2024 11:13

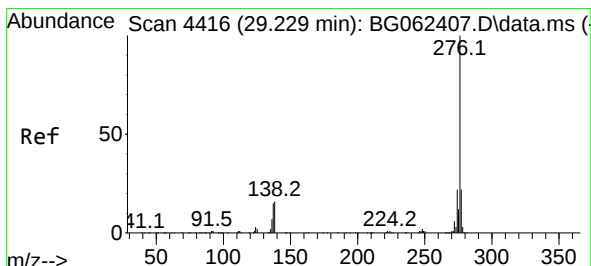
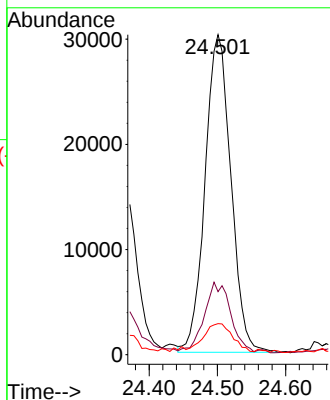
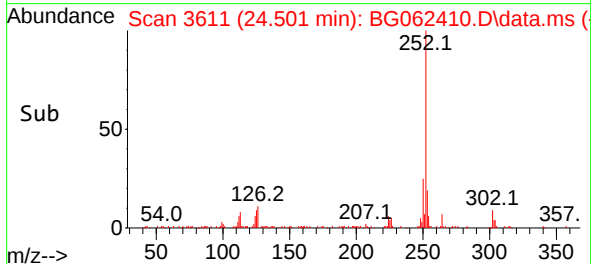
Instrument :
BNA_G
ClientSampleId :
E0AE7



Tgt Ion:252 Resp: 79664
Ion Ratio Lower Upper
252 100
253 19.7 17.8 26.8
125 9.7 7.6 11.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024



#96
Benzo(g,h,i)perylene
Concen: 1.494 ng/ul m
RT: 29.200 min Scan# 4411
Delta R.T. -0.036 min
Lab File: BG062410.D
Acq: 15 Aug 2024 11:13

Tgt Ion:276 Resp: 49275
Ion Ratio Lower Upper
276 100
138 19.0 12.6 19.0#
277 16.8 19.5 29.3#

