

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061687.D
 Acq On : 24 Jun 2024 22:59
 Operator : MA/JU
 Sample : P2856-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0SJ5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 00:05:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	47445	20.000	ng/u1	0.00
20) Naphthalene-d8	10.891	136	232159	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.698	164	173407	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.442	188	444556	20.000	ng/u1	0.00
79) Chrysene-d12	21.707	240	388742	20.000	ng/u1	0.00
88) Perylene-d12	24.933	264	464635	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	9863	7.510	ng/uL	0.00
4) Pyridine-d5	3.887	84	120356	30.309	ng/u1	0.00
7) Phenol-d5	7.213	99	167231	32.468	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	102133	31.809	ng/u1	0.00
11) 2-Chlorophenol-d4	7.600	132	115829	32.771	ng/u1	0.00
15) 4-Methylphenol-d8	8.770	113	131892	33.124	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	59124	37.507	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	68945	43.184	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.497	165	131043	34.664	ng/u1	0.00
31) 4-Chloroaniline-d4	11.014	131	191628	33.481	ng/u1	0.00
46) Dimethylphthalate-d6	14.104	166	447008	33.498	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	511564	34.981	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	79403	34.647	ng/u1	0.00
60) Fluorene-d10	15.691	176	429893	36.799	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	54151	28.486	ng/u1	0.00
73) Anthracene-d10	17.542	188	706389	34.811	ng/u1	0.00
81) Pyrene-d10	19.821	212	782784	36.049	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.721	264	797257	35.926	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.938	128	241124	18.562	ng/u1	98
36) 2-Methylnaphthalene	12.536	142	134573	14.682	ng/u1	97
37) 1-Methylnaphthalene	12.753	142	78370	8.013	ng/u1#	90
43) 1,1'-Biphenyl	13.540	154	22247	1.771	ng/u1#	96
50) Acenaphthylene	14.422	152	97675	5.983	ng/u1	95
61) Fluorene	15.744	166	62339	4.761	ng/u1	87
72) Phenanthrene	17.489	178	350530	14.988	ng/u1	99
74) Anthracene	17.577	178	91792m	3.838	ng/u1	
80) Fluoranthene	19.492	202	138044	5.479	ng/u1	98
82) Pyrene	19.851	202	212129	7.918	ng/u1	98
85) Benzo(a)anthracene	21.690	228	79394	2.910	ng/u1#	85
87) Chrysene	21.754	228	57708	2.235	ng/u1	95
90) Benzo(b)fluoranthene	23.922	252	49580m	1.775	ng/u1	
93) Benzo(a)pyrene	24.786	252	58691	2.183	ng/u1	94

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

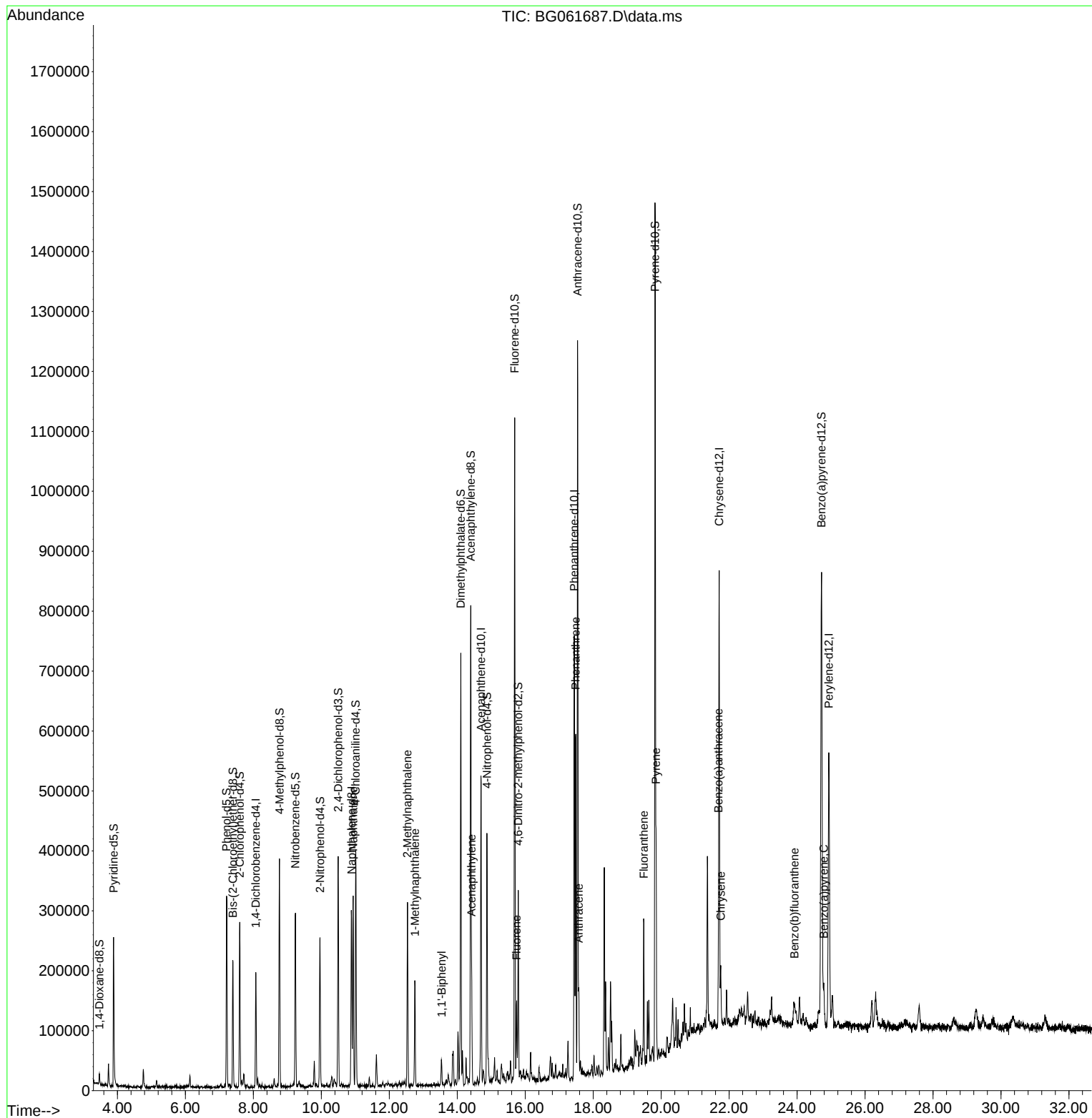
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061687.D
Acq On : 24 Jun 2024 22:59
Operator : MA/JU
Sample : P2856-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

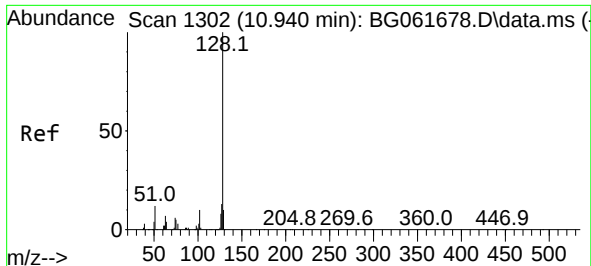
Instrument :
BNA_G
ClientSampleId :
C0SJ5

Quant Time: Jun 25 00:05:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

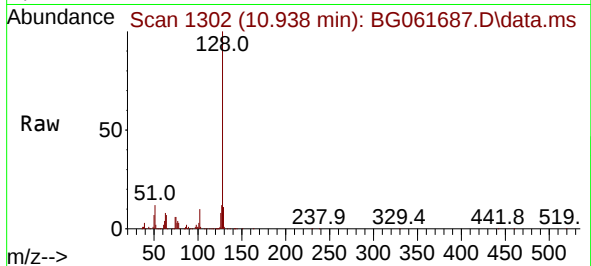
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024





#30
Naphthalene
Concen: 18.562 ng/ul
RT: 10.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG061687.D
Acq: 24 Jun 2024 22:59

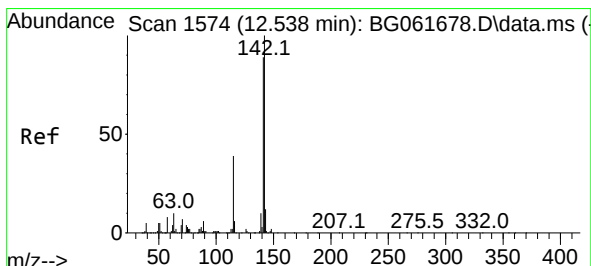
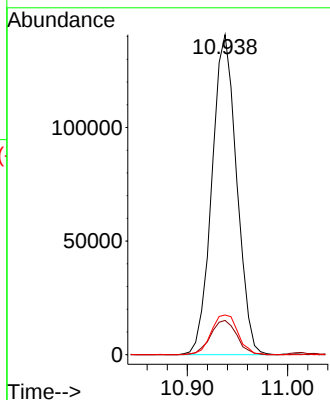
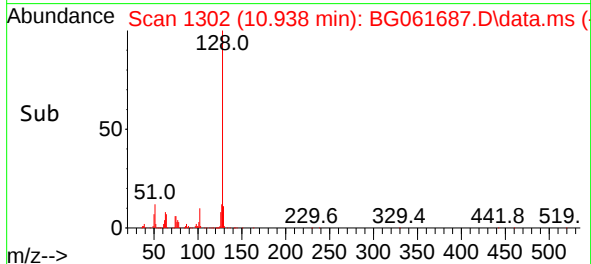
Instrument :
BNA_G
ClientSampleId :
C0SJ5



Tgt Ion:128 Resp: 241124
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 12.4 10.5 15.7

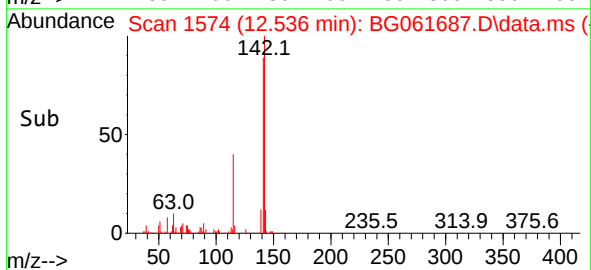
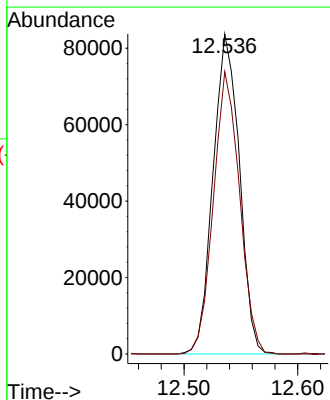
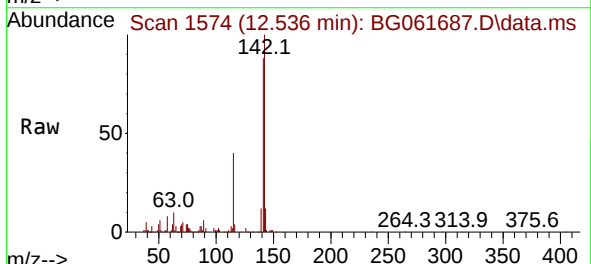
Manual Integrations
APPROVED

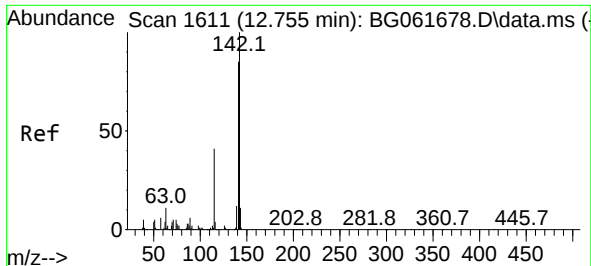
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#36
2-Methylnaphthalene
Concen: 14.682 ng/ul
RT: 12.536 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BG061687.D
Acq: 24 Jun 2024 22:59

Tgt Ion:142 Resp: 134573
Ion Ratio Lower Upper
142 100
141 88.2 68.5 102.7





#37

1-Methylnaphthalene

Concen: 8.013 ng/ul

RT: 12.753 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG061687.D

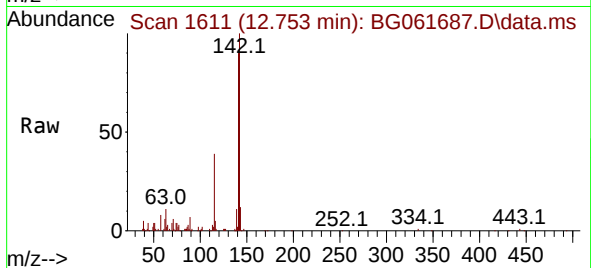
Acq: 24 Jun 2024 22:59

Instrument :

BNA_G

ClientSampleId :

C0SJ5



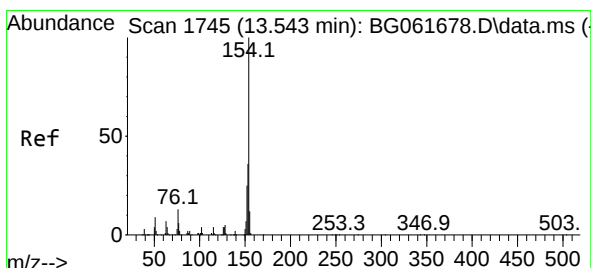
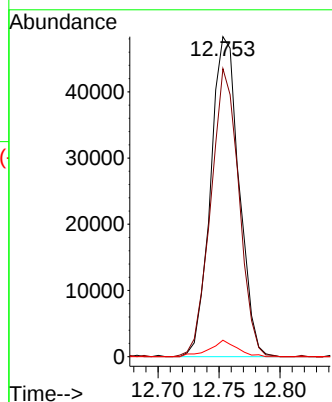
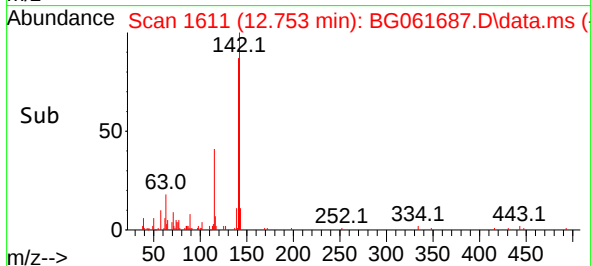
Tgt Ion:	142	Resp:	78370
Ion Ratio	Lower	Upper	
142	100		
141	90.0	64.6	97.0
116	5.2	3.0	4.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/27/2024



#43

1,1'-Biphenyl

Concen: 1.771 ng/ul

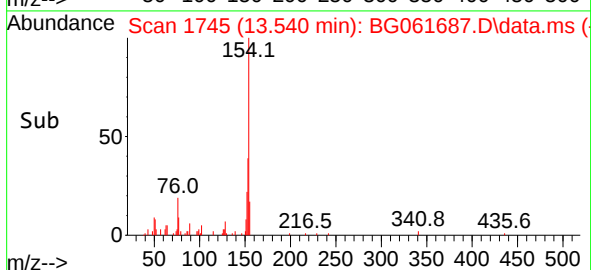
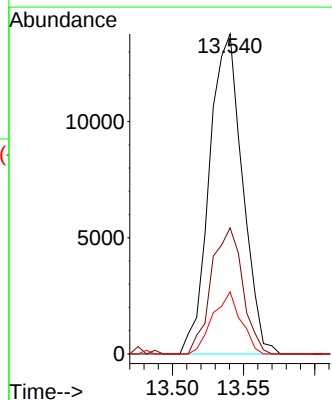
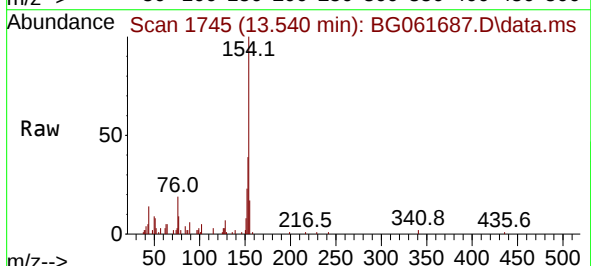
RT: 13.540 min Scan# 1745

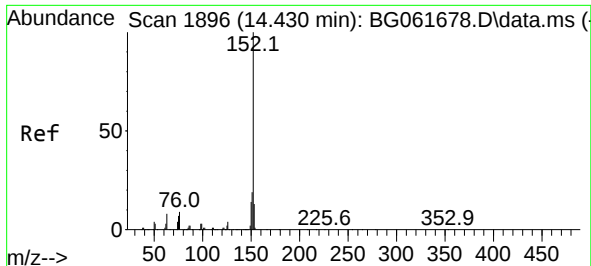
Delta R.T. -0.000 min

Lab File: BG061687.D

Acq: 24 Jun 2024 22:59

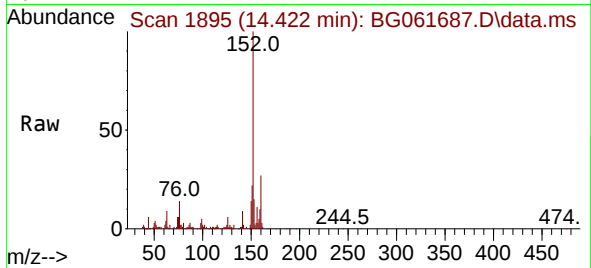
Tgt Ion:	154	Resp:	22247
Ion Ratio	Lower	Upper	
154	100		
153	39.4	31.4	47.0
76	19.4	11.0	16.4





#50
Acenaphthylene
Concen: 5.983 ng/ul
RT: 14.422 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BG061687.D
Acq: 24 Jun 2024 22:59

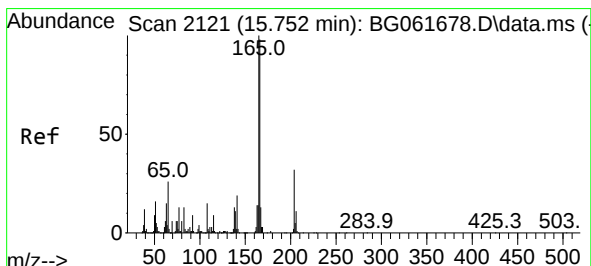
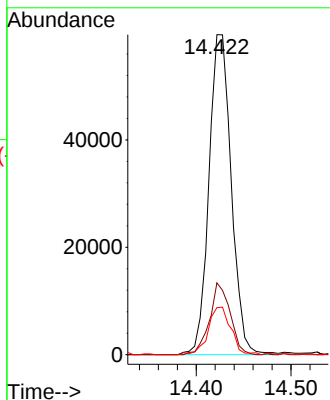
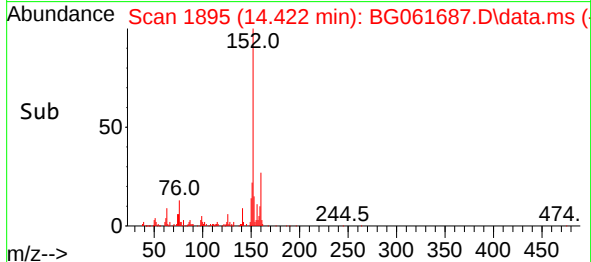
Instrument :
BNA_G
ClientSampleId :
C0SJ5



Tgt Ion:152 Resp: 97675
Ion Ratio Lower Upper
152 100
151 22.5 15.3 22.9
153 14.7 11.0 16.4

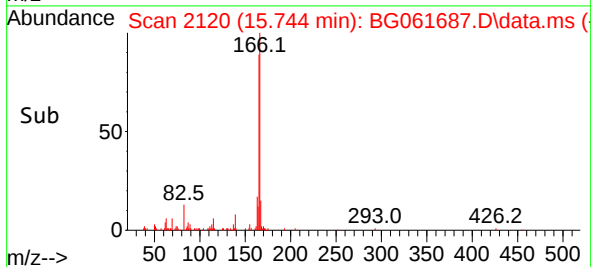
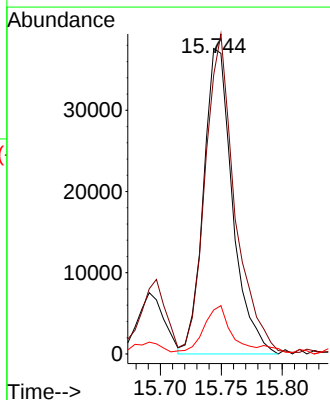
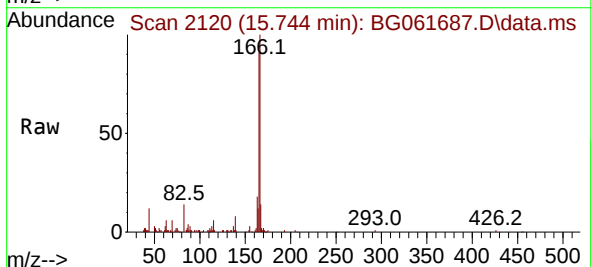
Manual Integrations
APPROVED

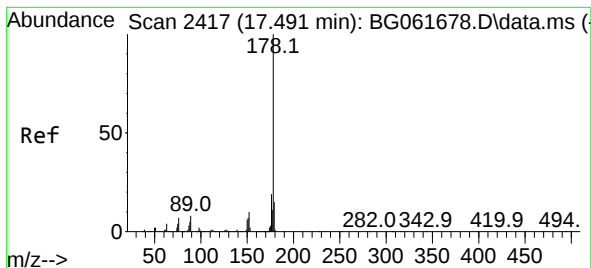
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#61
Fluorene
Concen: 4.761 ng/ul
RT: 15.744 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BG061687.D
Acq: 24 Jun 2024 22:59

Tgt Ion:166 Resp: 62339
Ion Ratio Lower Upper
166 100
165 91.4 84.9 127.3
167 14.4 10.9 16.3





#72

Phenanthrene

Concen: 14.988 ng/ul

RT: 17.489 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BG061687.D

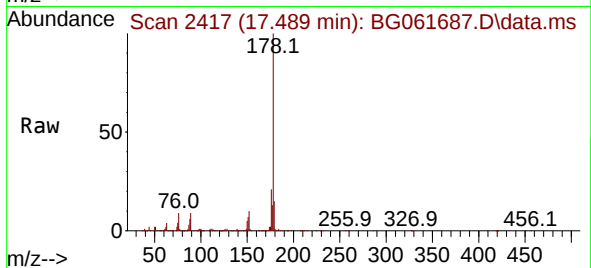
Acq: 24 Jun 2024 22:59

Instrument :

BNA_G

ClientSampleId :

C0SJ5



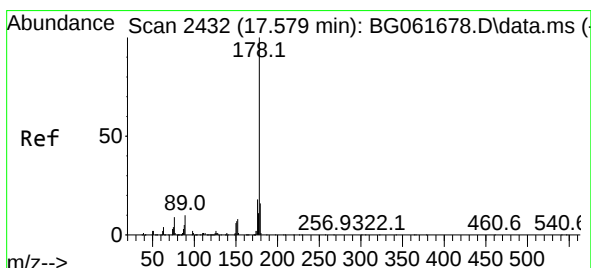
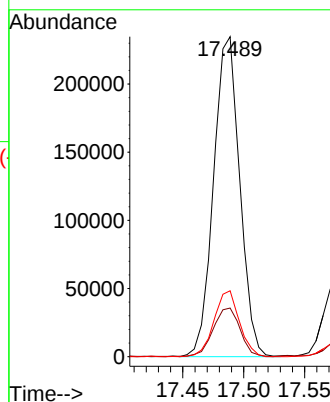
Tgt Ion:	178	Resp:	350530
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.0	18.0
176	20.6	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/27/2024



#74

Anthracene

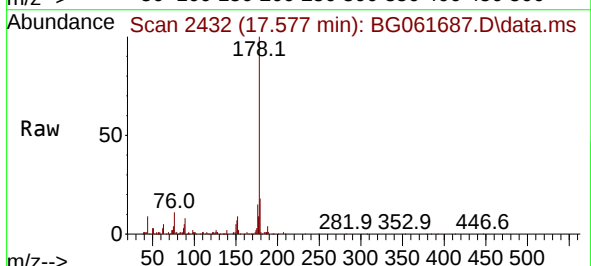
Concen: 3.838 ng/ul m

RT: 17.577 min Scan# 2432

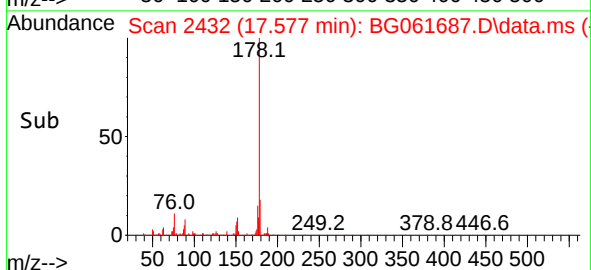
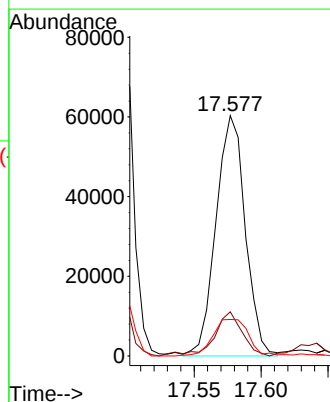
Delta R.T. -0.000 min

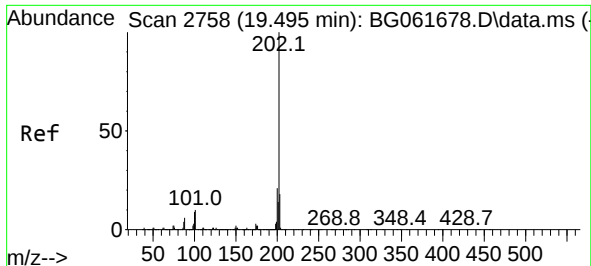
Lab File: BG061687.D

Acq: 24 Jun 2024 22:59



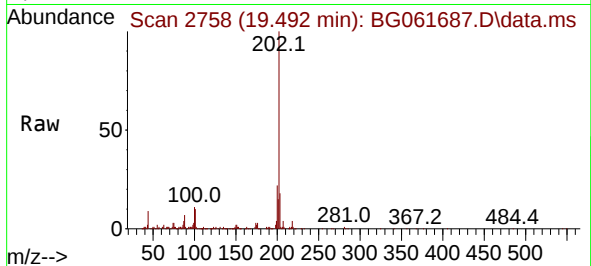
Tgt Ion:	178	Resp:	91792
Ion Ratio	Lower	Upper	
178	100		
179	18.4	11.4	17.2
176	15.2	14.7	22.1





#80
Fluoranthene
Concen: 5.479 ng/ul
RT: 19.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG061687.D
Acq: 24 Jun 2024 22:59

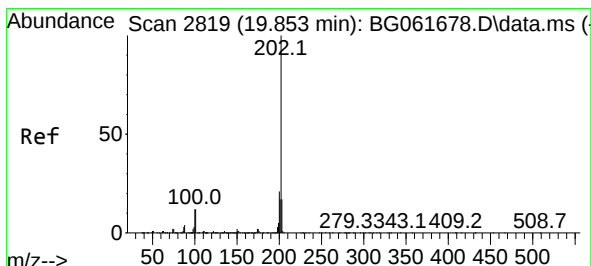
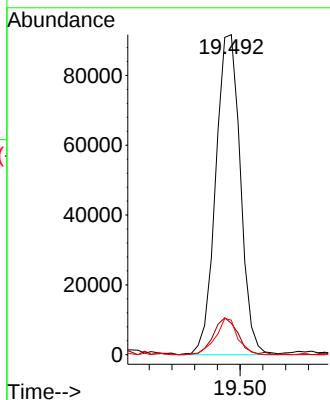
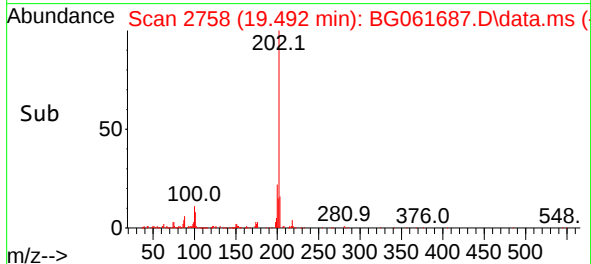
Instrument :
BNA_G
ClientSampleId :
C0SJ5



Tgt Ion:202 Resp: 138044
Ion Ratio Lower Upper
202 100
101 9.8 7.8 11.6
100 10.8 7.7 11.5

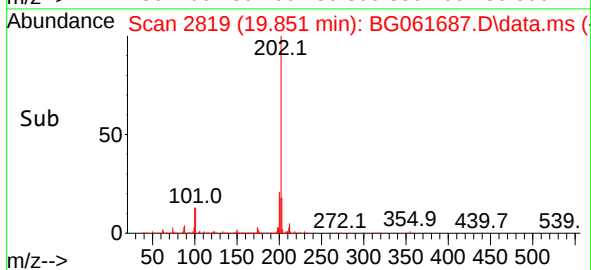
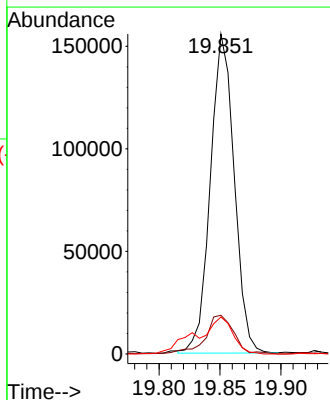
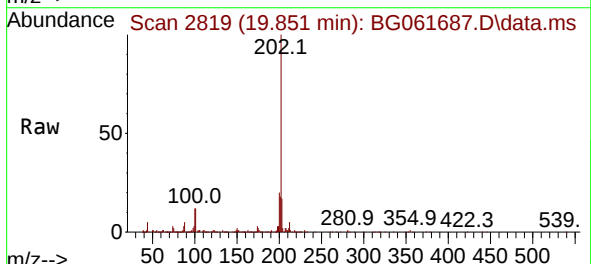
Manual Integrations
APPROVED

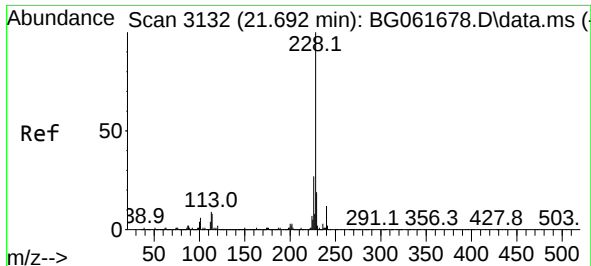
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#82
Pyrene
Concen: 7.918 ng/ul
RT: 19.851 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BG061687.D
Acq: 24 Jun 2024 22:59

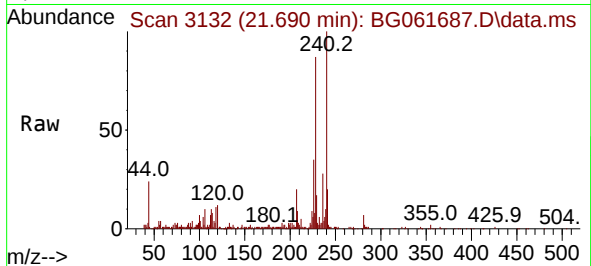
Tgt Ion:202 Resp: 212129
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 11.5 9.9 14.9





#85
Benzo(a)anthracene
Concen: 2.910 ng/uI
RT: 21.690 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BG061687.D
Acq: 24 Jun 2024 22:59

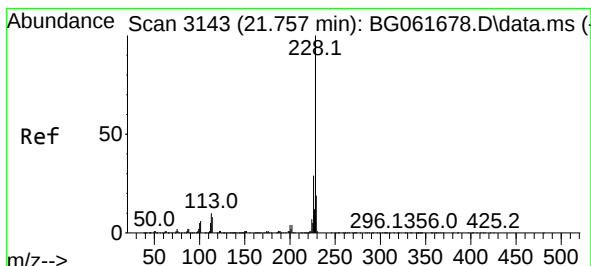
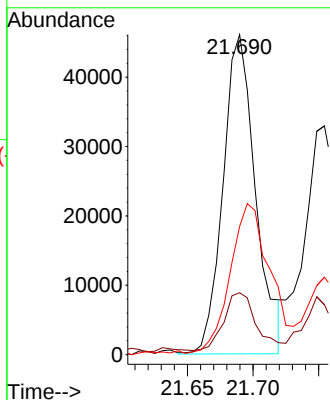
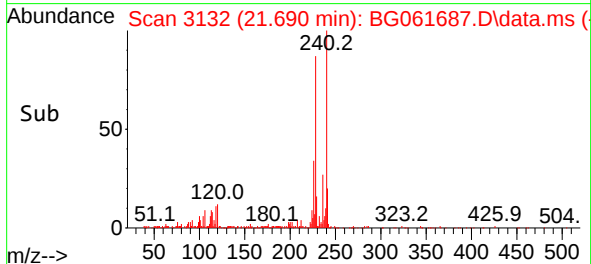
Instrument :
BNA_G
ClientSampleId :
C0SJ5



Tgt Ion:228 Resp: 79394
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.8
226 40.1 21.4 32.2

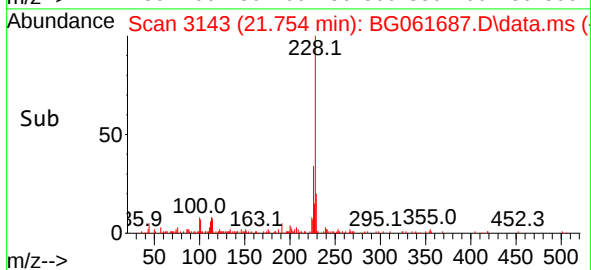
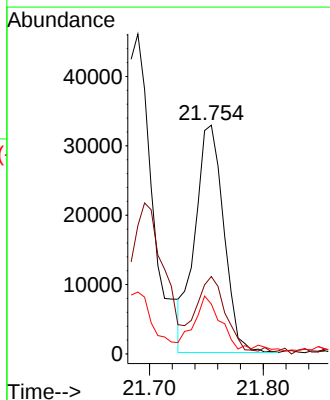
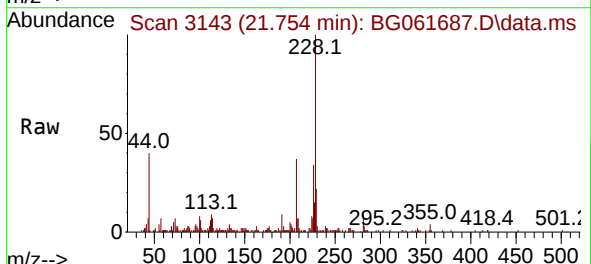
Manual Integrations
APPROVED

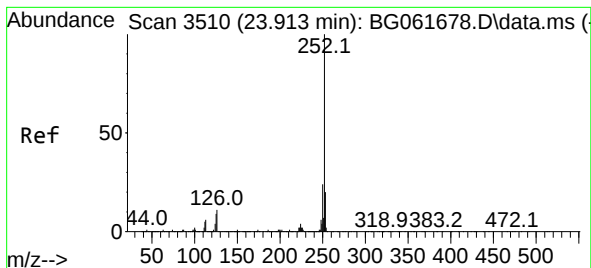
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#87
Chrysene
Concen: 2.235 ng/uI
RT: 21.754 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG061687.D
Acq: 24 Jun 2024 22:59

Tgt Ion:228 Resp: 57708
Ion Ratio Lower Upper
228 100
226 33.8 24.2 36.2
229 21.8 16.5 24.7





#90

Benzo(b)fluoranthene

Concen: 1.775 ng/ul m

RT: 23.922 min Scan# 3510

Delta R.T. 0.006 min

Lab File: BG061687.D

Acq: 24 Jun 2024 22:59

Instrument :

BNA_G

ClientSampleId :

C0SJ5

Tgt Ion:252 Resp: 49580

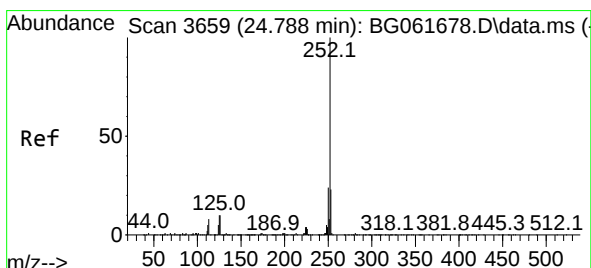
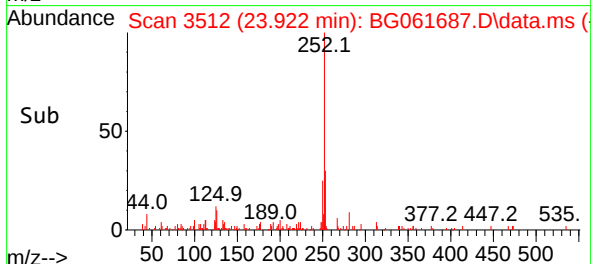
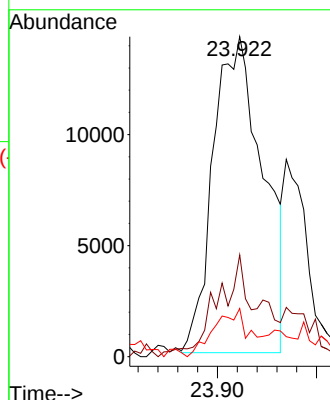
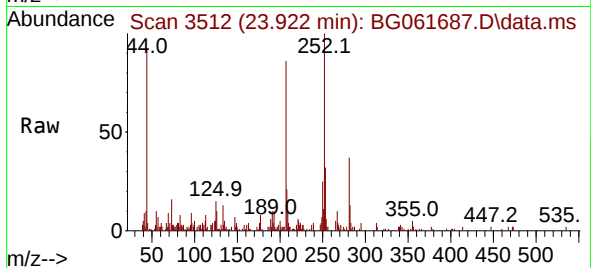
Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.6	27.8
125	15.1	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/27/2024



#93

Benzo(a)pyrene

Concen: 2.183 ng/ul

RT: 24.786 min Scan# 3659

Delta R.T. -0.006 min

Lab File: BG061687.D

Acq: 24 Jun 2024 22:59

Tgt Ion:252 Resp: 58691

Ion	Ratio	Lower	Upper
252	100		
253	17.3	16.8	25.2
125	8.3	6.5	9.7

