

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062171.D
 Acq On : 22 Jul 2024 21:39
 Operator : MA/JU
 Sample : P3201-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CK6

Quant Time: Jul 22 23:50:47 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)

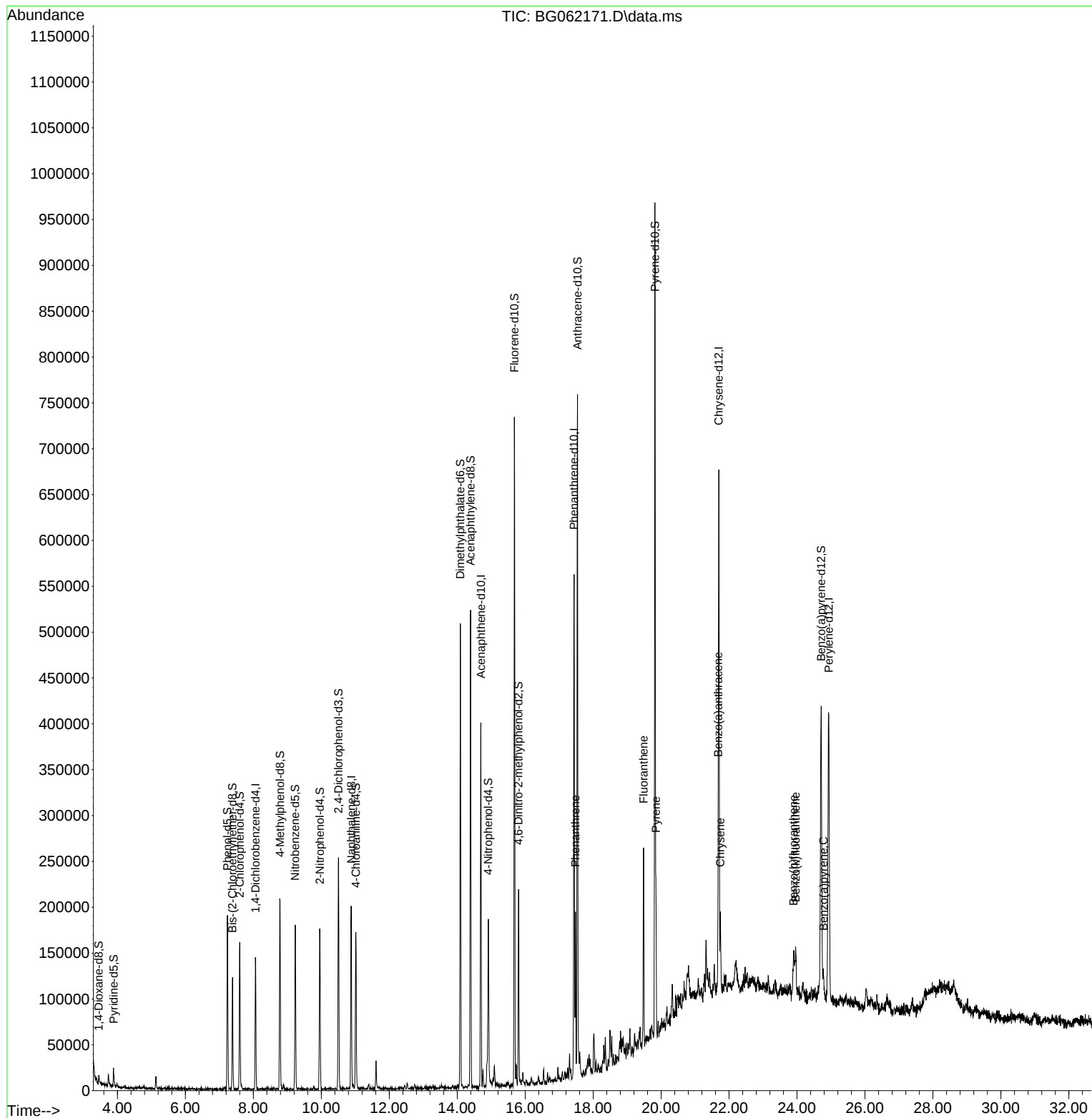
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	36512	20.000	ng/u1	0.00
20) Naphthalene-d8	10.884	136	155249	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.696	164	139440	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	363342	20.000	ng/u1	0.00
79) Chrysene-d12	21.698	240	348513	20.000	ng/u1	0.00
88) Perylene-d12	24.935	264	367117	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	3556	4.547	ng/uL	0.00
4) Pyridine-d5	3.887	84	9236	3.250	ng/u1	0.01
7) Phenol-d5	7.236	99	96018	26.712	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.388	67	58380	28.267	ng/u1	0.00
11) 2-Chlorophenol-d4	7.600	132	60569	26.737	ng/u1	0.00
15) 4-Methylphenol-d8	8.786	113	70712	25.830	ng/u1	0.00
21) Nitrobenzene-d5	9.233	128	33895	27.403	ng/u1	0.00
24) 2-Nitrophenol-d4	9.955	143	45316	30.439	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.508	165	91011	29.203	ng/u1	0.00
31) 4-Chloroaniline-d4	11.019	131	82545	22.018	ng/u1	0.00
46) Dimethylphthalate-d6	14.091	166	318559	26.953	ng/u1	0.00
49) Acenaphthylene-d8	14.391	160	338187	28.219	ng/u1	0.00
54) 4-Nitrophenol-d4	14.913	143	36539	25.655	ng/u1	0.00
60) Fluorene-d10	15.683	176	294903	29.305	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	52743	22.842	ng/u1	0.00
73) Anthracene-d10	17.539	188	461798	27.208	ng/u1	0.00
81) Pyrene-d10	19.819	212	529929	26.818	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.712	264	371326	20.234	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.480	178	106264	6.078	ng/u1	96
80) Fluoranthene	19.484	202	150071	6.620	ng/u1#	97
82) Pyrene	19.848	202	110526	4.689	ng/u1	99
85) Benzo(a)anthracene	21.681	228	57922	2.368	ng/u1	98
87) Chrysene	21.745	228	61233	2.723	ng/u1	94
90) Benzo(b)fluoranthene	23.901	252	71260	3.142	ng/u1	98
91) Benzo(k)fluoranthene	23.960	252	23351	1.031	ng/u1#	95
93) Benzo(a)pyrene	24.776	252	29187	1.374	ng/u1#	89

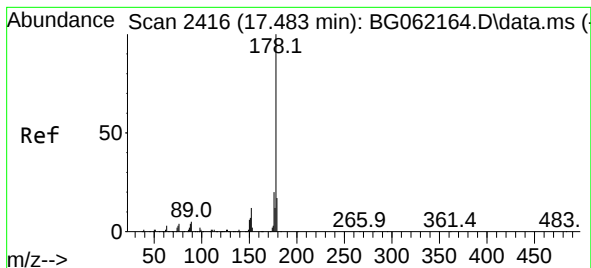
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#72

Phenanthrene

Concen: 6.078 ng/ul

RT: 17.480 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BG062171.D

Acq: 22 Jul 2024 21:39

Instrument :

BNA_G

ClientSampleId :

A4CK6

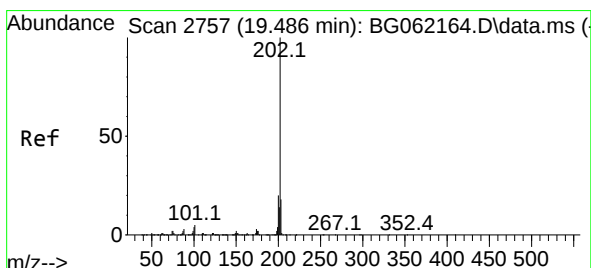
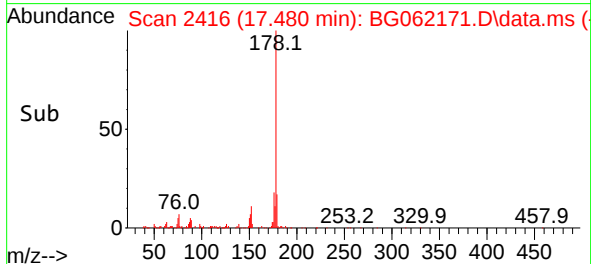
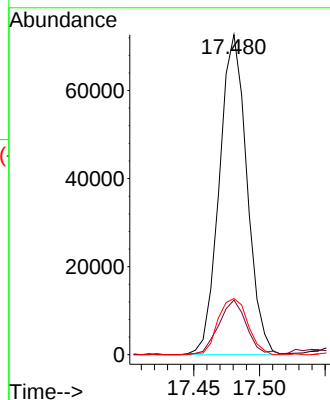
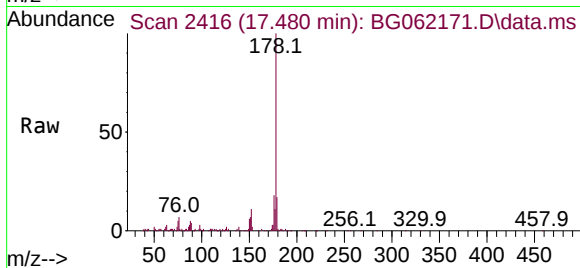
Tgt Ion:178 Resp: 106264

Ion Ratio Lower Upper

178 100

179 17.0 14.1 21.1

176 17.6 16.3 24.5



#80

Fluoranthene

Concen: 6.620 ng/ul

RT: 19.484 min Scan# 2757

Delta R.T. -0.000 min

Lab File: BG062171.D

Acq: 22 Jul 2024 21:39

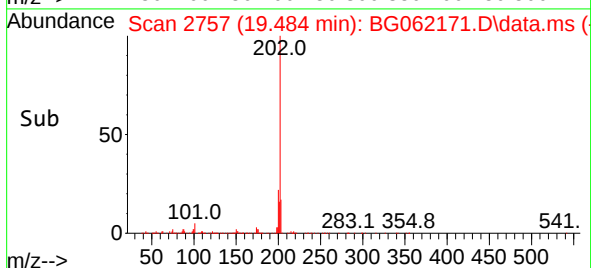
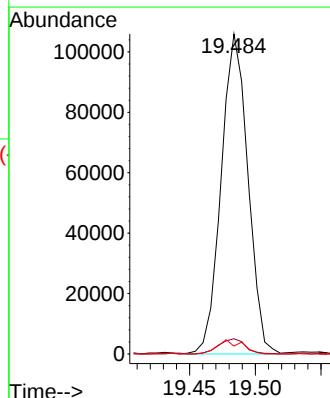
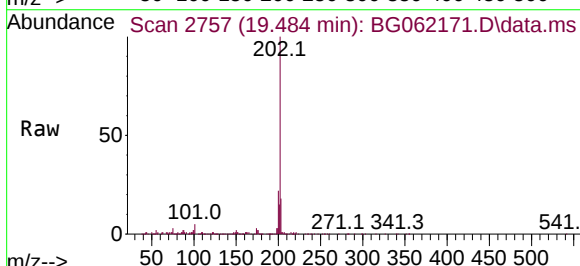
Tgt Ion:202 Resp: 150071

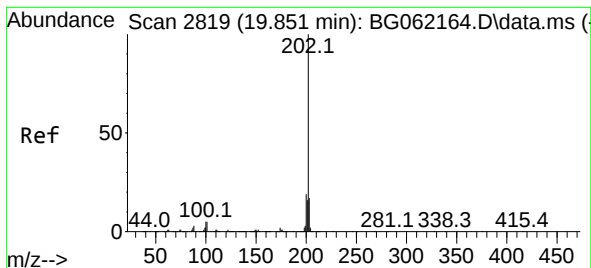
Ion Ratio Lower Upper

202 100

101 4.8 4.2 6.2

100 2.5 3.1 4.7#





#82

Pyrene

Concen: 4.689 ng/ul

RT: 19.848 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG062171.D

Acq: 22 Jul 2024 21:39

Instrument :

BNA_G

ClientSampleId :

A4CK6

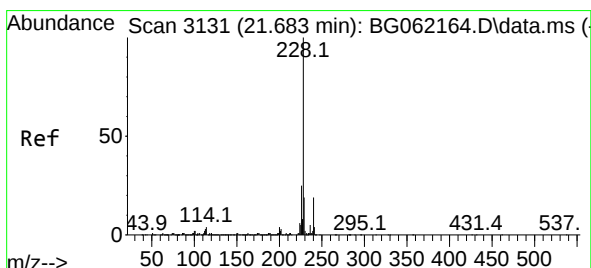
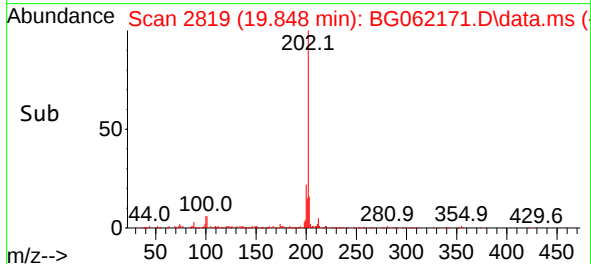
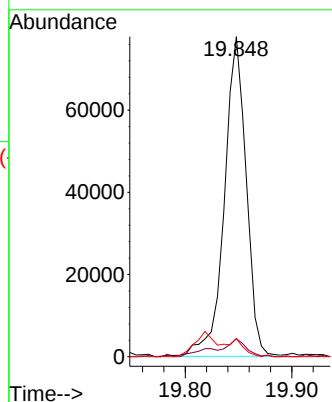
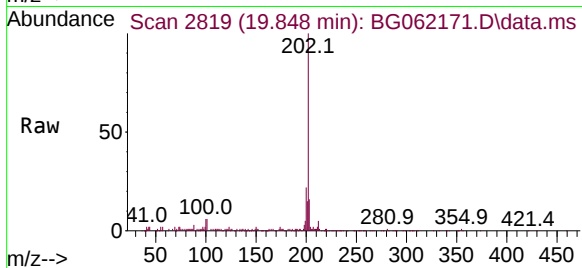
Tgt Ion:202 Resp: 110526

Ion Ratio Lower Upper

202 100

101 5.7 4.2 6.4

100 5.6 4.0 6.0



#85

Benzo(a)anthracene

Concen: 2.368 ng/ul

RT: 21.681 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BG062171.D

Acq: 22 Jul 2024 21:39

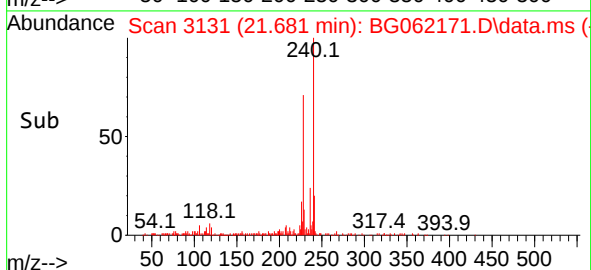
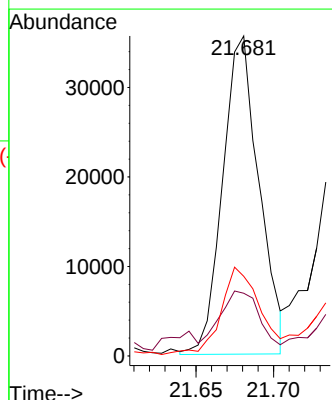
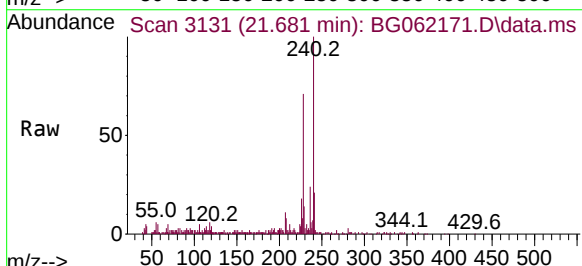
Tgt Ion:228 Resp: 57922

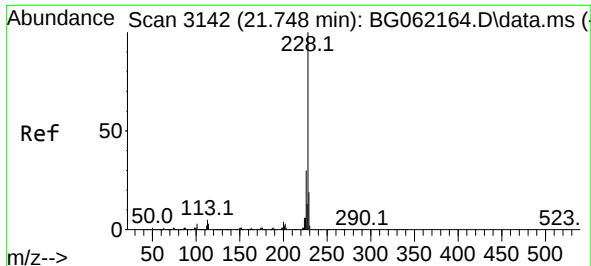
Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.2

226 24.9 20.9 31.3





#87

Chrysene

Concen: 2.723 ng/ul

RT: 21.745 min Scan# 3142

Delta R.T. -0.006 min

Lab File: BG062171.D

Acq: 22 Jul 2024 21:39

Instrument :

BNA_G

ClientSampleId :

A4CK6

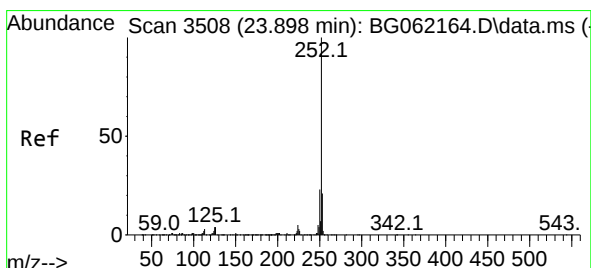
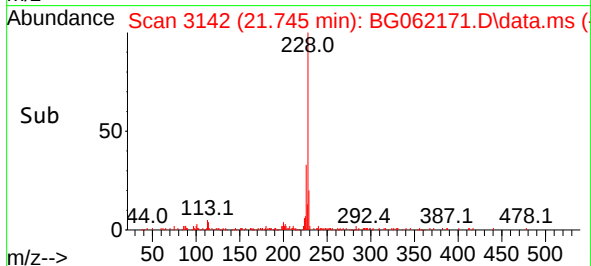
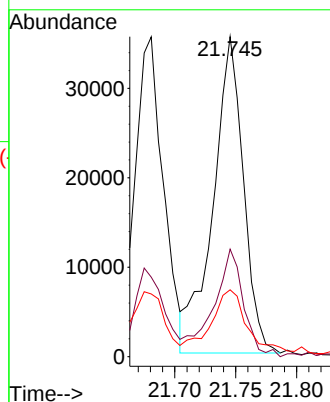
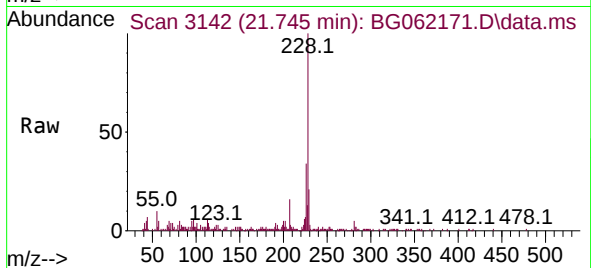
Tgt Ion:228 Resp: 61233

Ion Ratio Lower Upper

228 100

226 33.6 24.0 36.0

229 20.9 15.4 23.0



#90

Benzo(b)fluoranthene

Concen: 3.142 ng/ul

RT: 23.901 min Scan# 3509

Delta R.T. -0.006 min

Lab File: BG062171.D

Acq: 22 Jul 2024 21:39

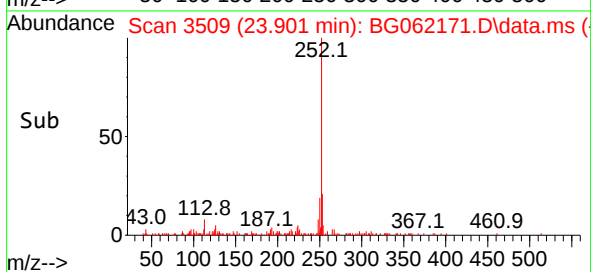
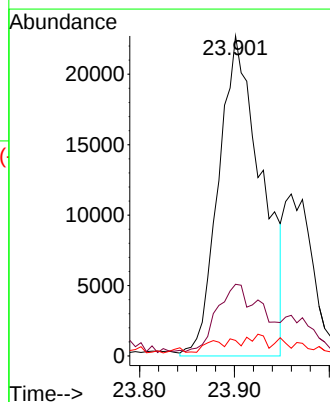
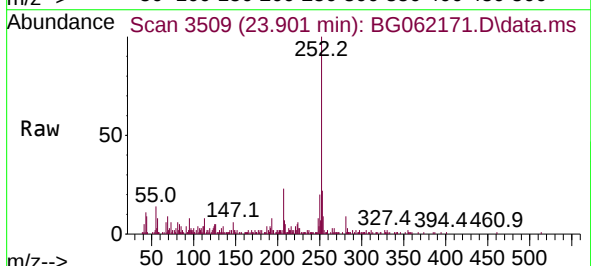
Tgt Ion:252 Resp: 71260

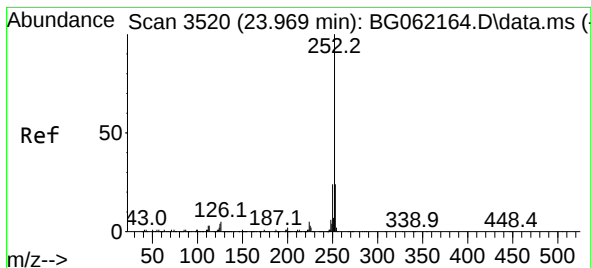
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 4.9 3.4 5.0





#91

Benzo(k)fluoranthene

Concen: 1.031 ng/ul

RT: 23.960 min Scan# 3519

Delta R.T. -0.012 min

Lab File: BG062171.D

Acq: 22 Jul 2024 21:39

Instrument :

BNA_G

ClientSampleId :

A4CK6

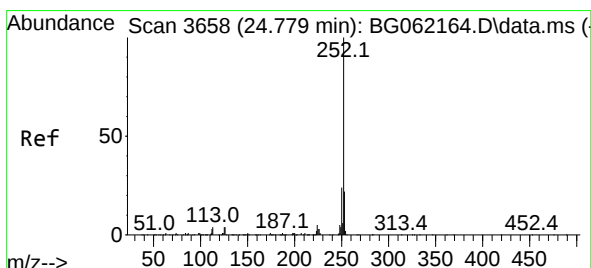
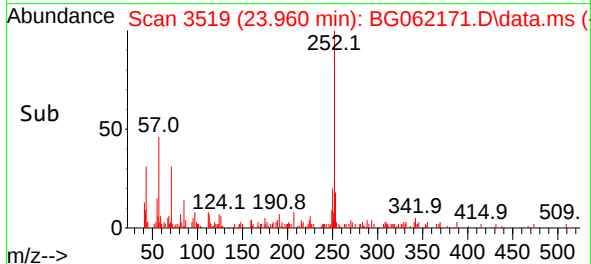
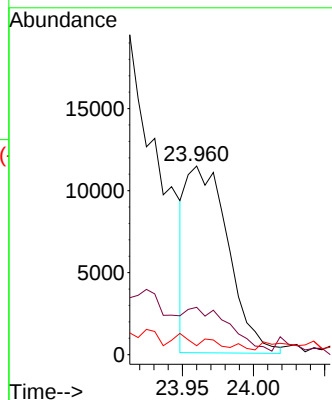
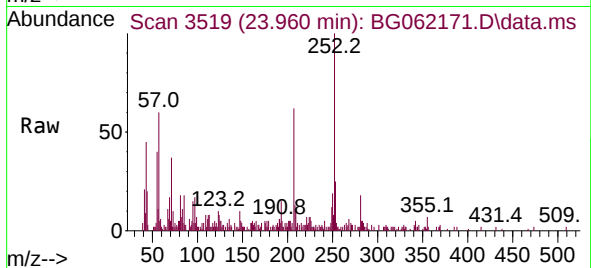
Tgt Ion:252 Resp: 23351

Ion Ratio Lower Upper

252 100

253 25.1 18.2 27.2

125 4.7 2.7 4.1#



#93

Benzo(a)pyrene

Concen: 1.374 ng/ul

RT: 24.776 min Scan# 3658

Delta R.T. -0.006 min

Lab File: BG062171.D

Acq: 22 Jul 2024 21:39

Tgt Ion:252 Resp: 29187

Ion Ratio Lower Upper

252 100

253 26.5 16.6 24.8#

125 3.4 3.0 4.4

