

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057986.D
 Acq On : 4 Jul 2023 13:21
 Operator : CG/JU
 Sample : 03247-20
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 05 00:12:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

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

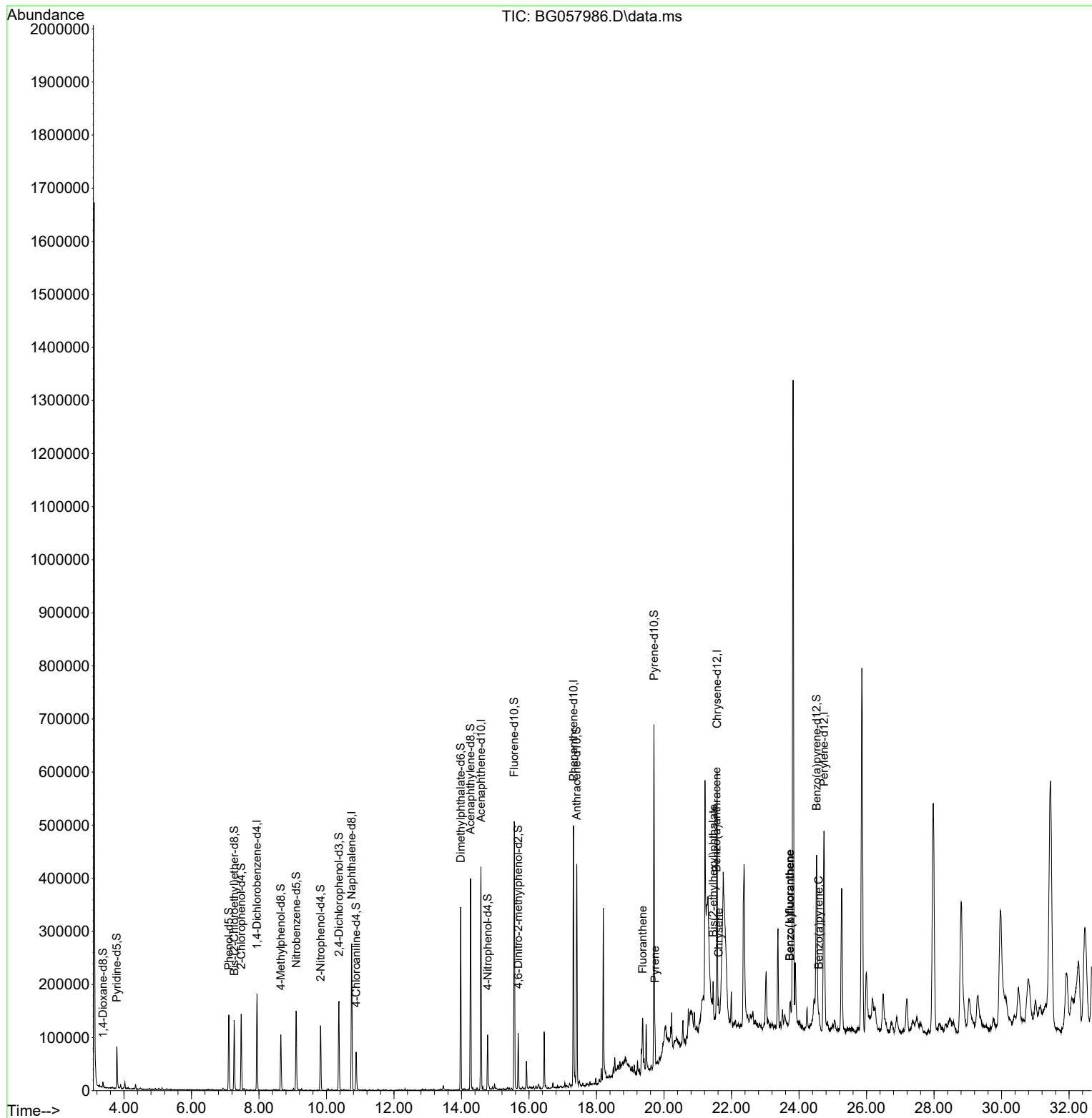
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	49995	20.000	ng/ul	0.00
20) Naphthalene-d8	10.744	136	229752	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	151826	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.318	188	328793	20.000	ng/ul	0.00
79) Chrysene-d12	21.572	240	266553	20.000	ng/ul	0.00
88) Perylene-d12	24.739	264	322287	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	4379	3.067	ng/uL	0.00
4) Pyridine-d5	3.787	84	44701	10.313	ng/ul	0.00
7) Phenol-d5	7.107	99	89407	17.511	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	61326	19.931	ng/ul	0.00
11) 2-Chlorophenol-d4	7.471	132	67762	19.243	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	41626	10.805	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	38082	20.337	ng/ul	0.00
24) 2-Nitrophenol-d4	9.821	143	42252	21.469	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	67125	17.780	ng/ul	0.00
31) 4-Chloroaniline-d4	10.879	131	41176	7.193	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	240267	20.057	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	277824	21.253	ng/ul	0.00
54) 4-Nitrophenol-d4	14.774	143	28907	13.658	ng/ul	0.00
60) Fluorene-d10	15.562	176	211993	20.838	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	22843	12.795	ng/ul	0.00
73) Anthracene-d10	17.412	188	266494	17.467	ng/ul	0.00
81) Pyrene-d10	19.704	212	364283	21.699	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.522	264	351697	21.419	ng/ul	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.369	202	40637	2.089	ng/ul	100
82) Pyrene	19.733	202	36052	1.841	ng/ul	96
85) Benzo(a)anthracene	21.555	228	21265	1.111	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.455	149	23350	2.052	ng/ul	96
87) Chrysene	21.619	228	28088	1.566	ng/ul#	94
90) Benzo(b)fluoranthene	23.729	252	50520	2.532	ng/ul#	91
91) Benzo(k)fluoranthene	23.729	252	50520	2.583	ng/ul#	90
93) Benzo(a)pyrene	24.586	252	27887	1.579	ng/ul#	93

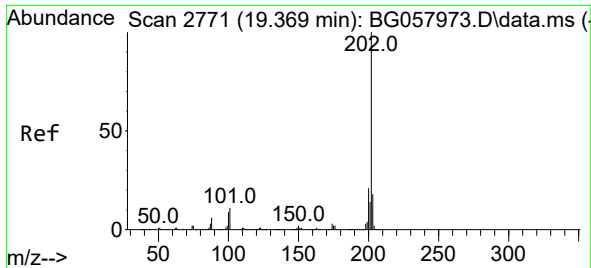
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration

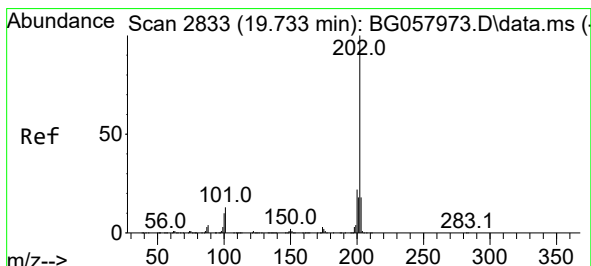
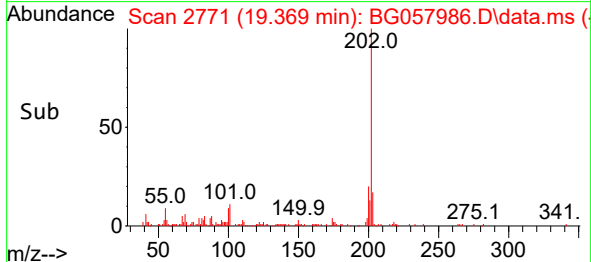
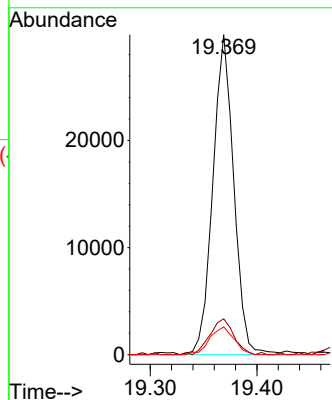
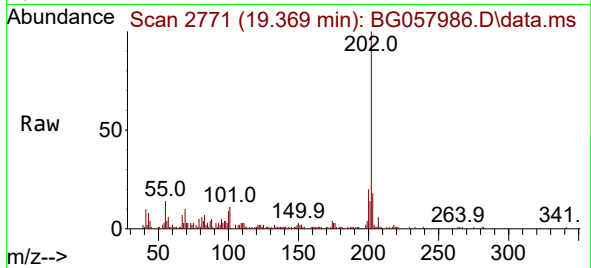




#80
Fluoranthene
Concen: 2.089 ng/ul
RT: 19.369 min Scan# 2771
Delta R.T. 0.000 min
Lab File: BG057986.D
Acq: 4 Jul 2023 13:21

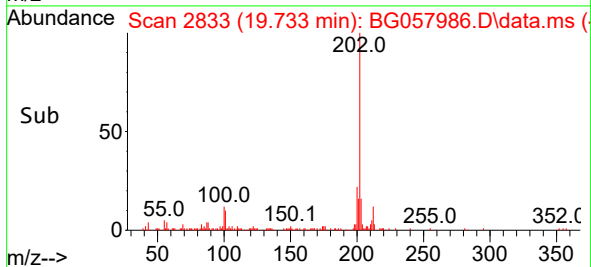
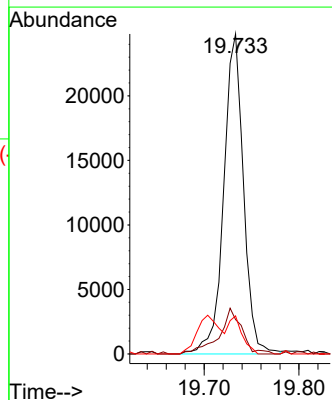
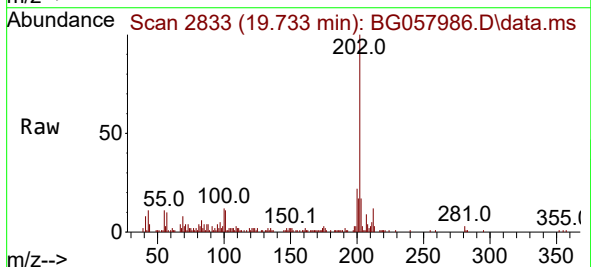
Instrument :
BNA_G
ClientSampleId :

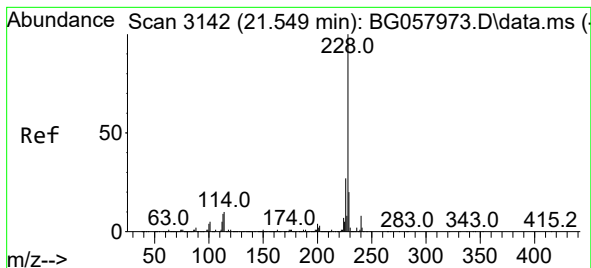
Tgt Ion:202 Resp: 40637
Ion Ratio Lower Upper
202 100
101 11.2 9.1 13.7
100 8.7 7.1 10.7



#82
Pyrene
Concen: 1.841 ng/ul
RT: 19.733 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BG057986.D
Acq: 4 Jul 2023 13:21

Tgt Ion:202 Resp: 36052
Ion Ratio Lower Upper
202 100
101 10.8 10.2 15.2
100 11.9 8.9 13.3





#85

Benzo(a)anthracene

Concen: 1.111 ng/ul

RT: 21.555 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BG057986.D

Acq: 4 Jul 2023 13:21

Instrument :

BNA_G

ClientSampleId :

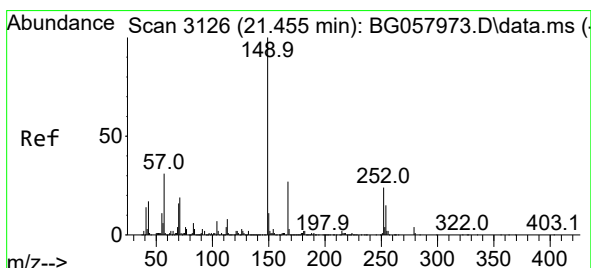
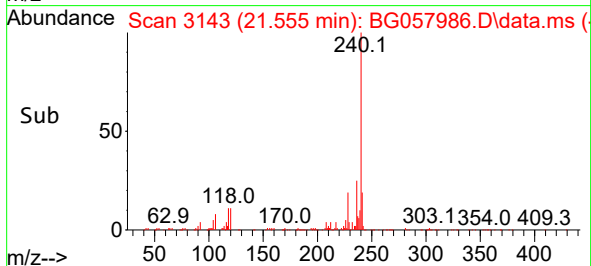
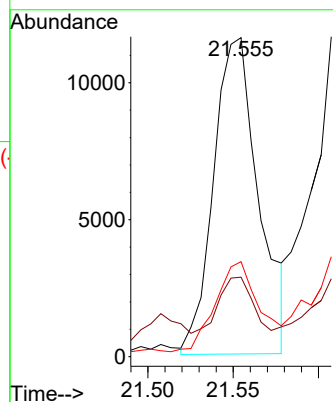
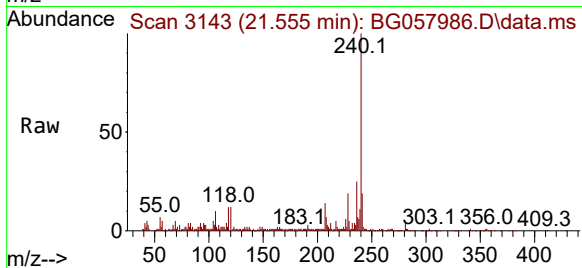
Tgt Ion:228 Resp: 21265

Ion Ratio Lower Upper

228 100

229 24.9 16.0 24.0#

226 29.8 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.052 ng/ul

RT: 21.455 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BG057986.D

Acq: 4 Jul 2023 13:21

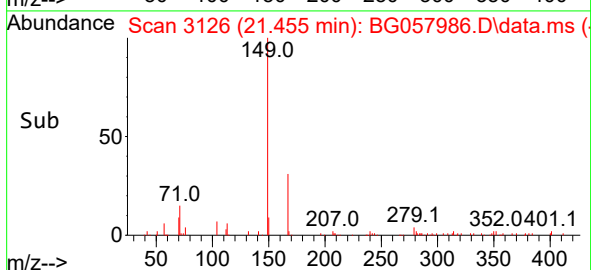
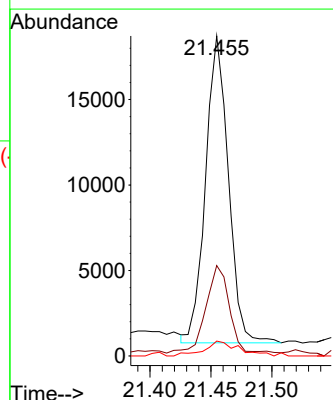
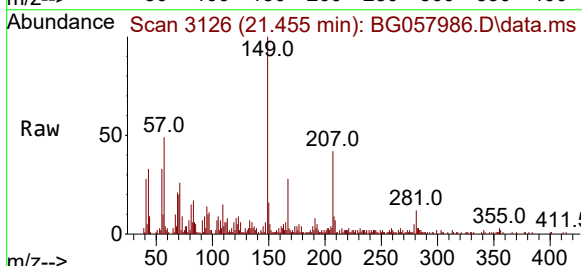
Tgt Ion:149 Resp: 23350

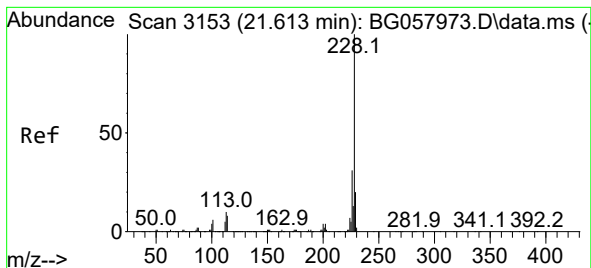
Ion Ratio Lower Upper

149 100

167 28.3 20.9 31.3

279 4.6 3.1 4.7





#87

Chrysene

Concen: 1.566 ng/ul

RT: 21.619 min Scan# 3153

Delta R.T. 0.006 min

Lab File: BG057986.D

Acq: 4 Jul 2023 13:21

Instrument :

BNA_G

ClientSampleId :

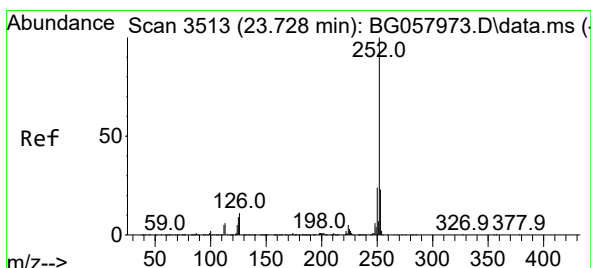
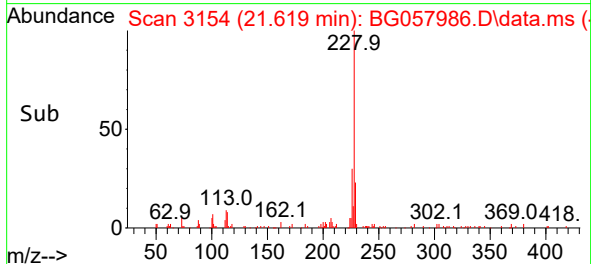
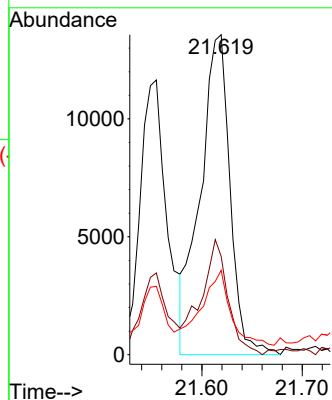
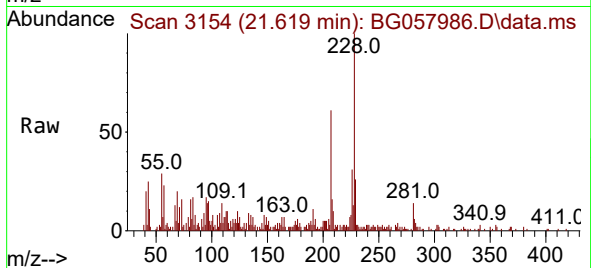
Tgt Ion:228 Resp: 28088

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 26.4 15.5 23.3#



#90

Benzo(b)fluoranthene

Concen: 2.532 ng/ul

RT: 23.729 min Scan# 3513

Delta R.T. 0.000 min

Lab File: BG057986.D

Acq: 4 Jul 2023 13:21

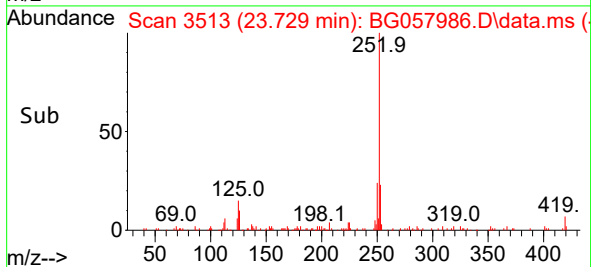
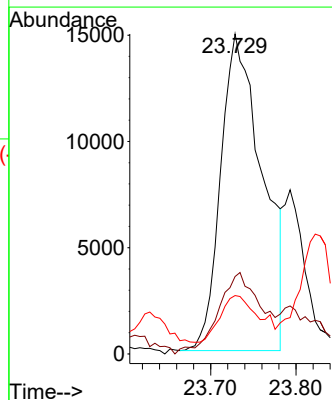
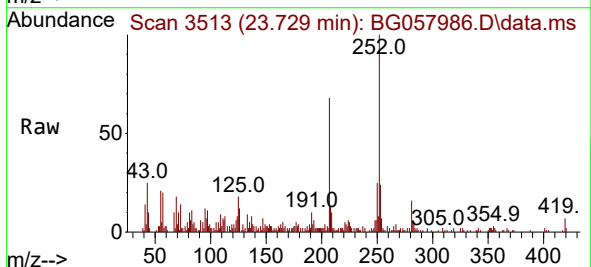
Tgt Ion:252 Resp: 50520

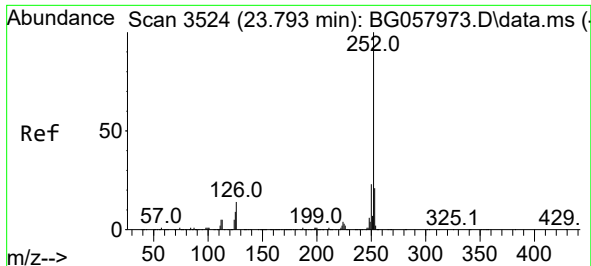
Ion Ratio Lower Upper

252 100

253 24.2 18.1 27.1

125 18.2 7.5 11.3#

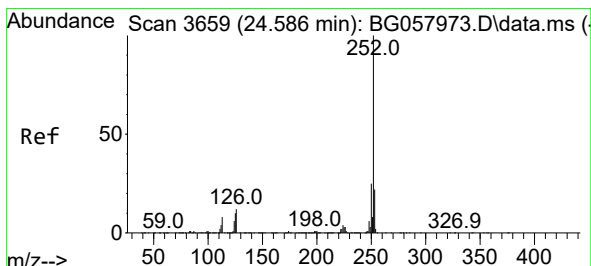
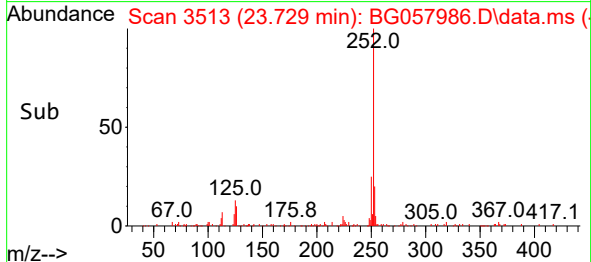
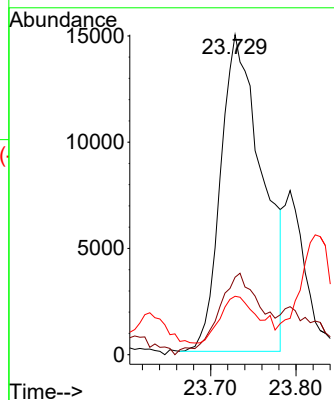
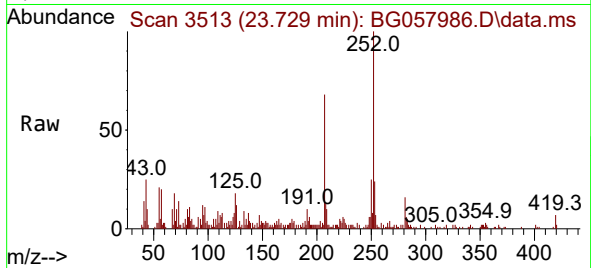




#91
Benzo(k)fluoranthene
Concen: 2.583 ng/ul
RT: 23.729 min Scan# 3513
Delta R.T. -0.064 min
Lab File: BG057986.D
Acq: 4 Jul 2023 13:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 50520
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 18.2 7.4 11.2#



#93
Benzo(a)pyrene
Concen: 1.579 ng/ul
RT: 24.586 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BG057986.D
Acq: 4 Jul 2023 13:21

Tgt Ion:252 Resp: 27887
Ion Ratio Lower Upper
252 100
253 26.6 17.8 26.6#
125 11.6 8.3 12.5

