

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057985.D
 Acq On : 4 Jul 2023 12:38
 Operator : CG/JU
 Sample : 03247-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 05 00:12:35 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)

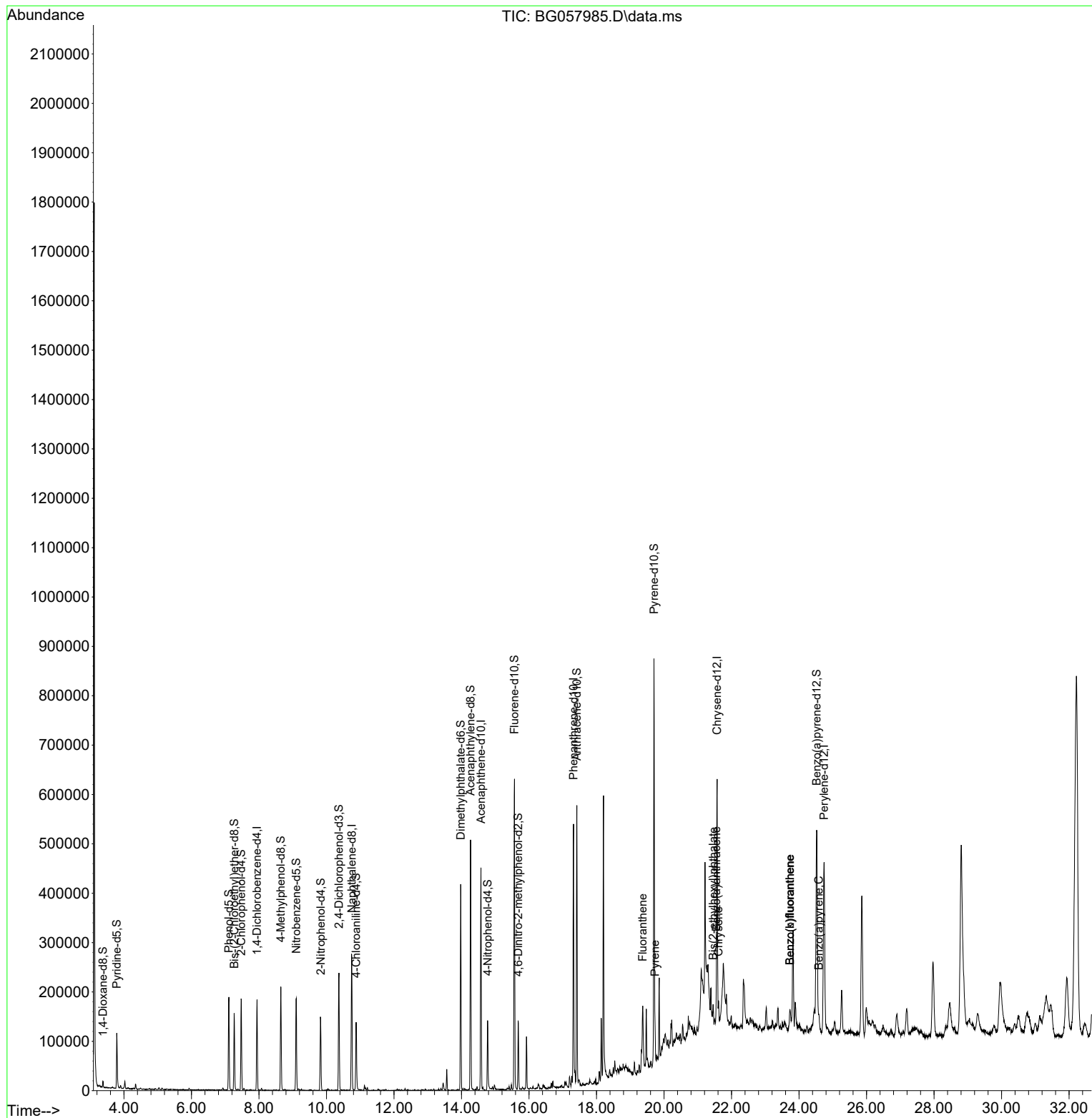
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	50923	20.000	ng/ul	0.00
20) Naphthalene-d8	10.749	136	238595	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.574	164	160526	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.318	188	348243	20.000	ng/ul	0.00
79) Chrysene-d12	21.572	240	282244	20.000	ng/ul	0.00
88) Perylene-d12	24.739	264	342753	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	5333	3.667	ng/uL	0.00
4) Pyridine-d5	3.787	84	60989	13.814	ng/ul	0.00
7) Phenol-d5	7.107	99	118268	22.742	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	73470	23.443	ng/ul	0.00
11) 2-Chlorophenol-d4	7.477	132	90718	25.292	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	80934	20.625	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	46486	23.905	ng/ul	0.00
24) 2-Nitrophenol-d4	9.827	143	51353	25.126	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	95059	24.245	ng/ul	0.00
31) 4-Chloroaniline-d4	10.879	131	83941	14.121	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	293126	23.143	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	344350	24.915	ng/ul	0.00
54) 4-Nitrophenol-d4	14.774	143	39456	17.632	ng/ul	0.00
60) Fluorene-d10	15.567	176	261722	24.331	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	31555	16.687	ng/ul	0.00
73) Anthracene-d10	17.418	188	352147	21.792	ng/ul	0.00
81) Pyrene-d10	19.704	212	453337	25.503	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.522	264	450702	25.810	ng/ul	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.369	202	54757	2.658	ng/ul	99
82) Pyrene	19.733	202	46087	2.223	ng/ul	97
85) Benzo(a)anthracene	21.549	228	27977	1.381	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.455	149	13256	1.100	ng/ul	95
87) Chrysene	21.613	228	32835	1.728	ng/ul	96
90) Benzo(b)fluoranthene	23.728	252	55144	2.598	ng/ul#	94
91) Benzo(k)fluoranthene	23.728	252	55144	2.651	ng/ul#	93
93) Benzo(a)pyrene	24.586	252	32576	1.734	ng/ul#	89

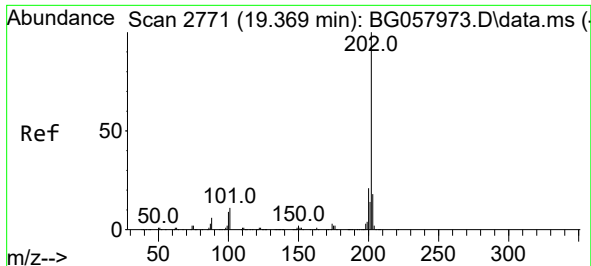
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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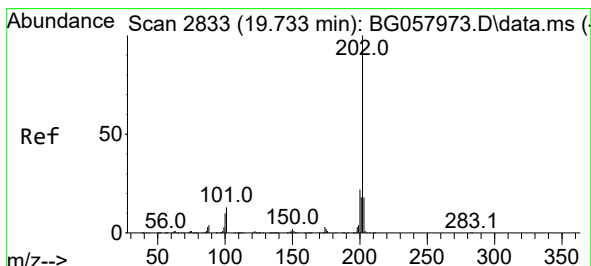
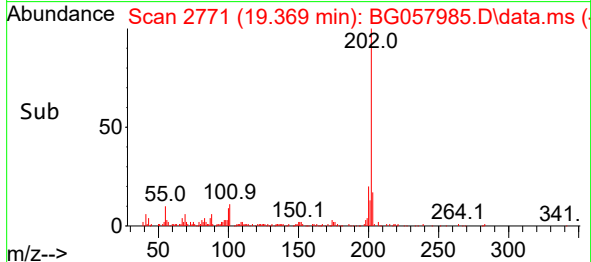
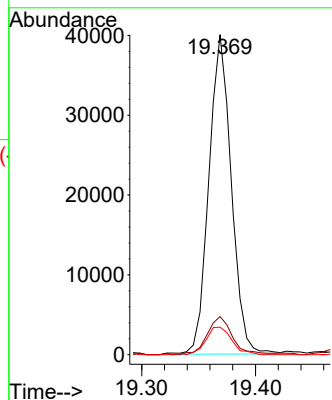
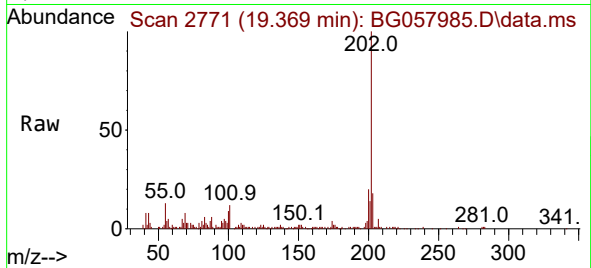




#80
Fluoranthene
Concen: 2.658 ng/ul
RT: 19.369 min Scan# 2771
Delta R.T. 0.000 min
Lab File: BG057985.D
Acq: 4 Jul 2023 12:38

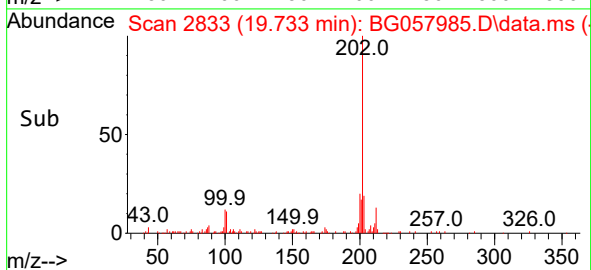
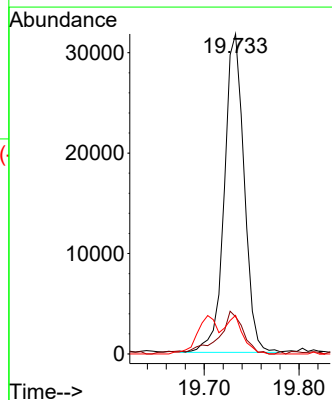
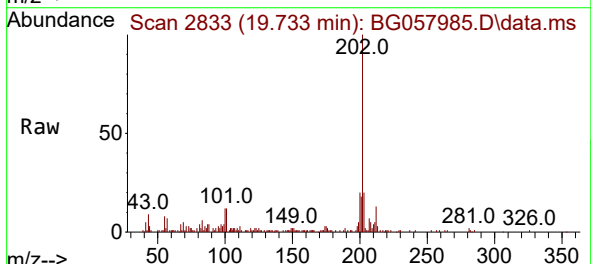
Instrument :
BNA_G
ClientSampleId :

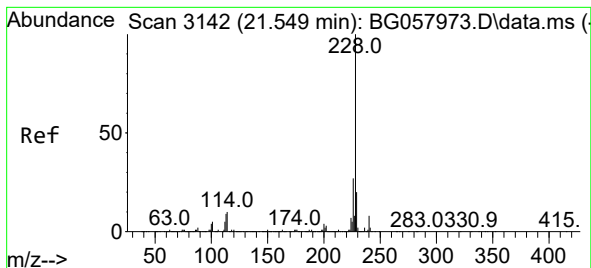
Tgt Ion:202 Resp: 54757
Ion Ratio Lower Upper
202 100
101 11.9 9.1 13.7
100 8.6 7.1 10.7



#82
Pyrene
Concen: 2.223 ng/ul
RT: 19.733 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BG057985.D
Acq: 4 Jul 2023 12:38

Tgt Ion:202 Resp: 46087
Ion Ratio Lower Upper
202 100
101 11.6 10.2 15.2
100 12.1 8.9 13.3





#85

Benzo(a)anthracene

Concen: 1.381 ng/ul

RT: 21.549 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BG057985.D

Acq: 4 Jul 2023 12:38

Instrument :

BNA_G

ClientSampleId :

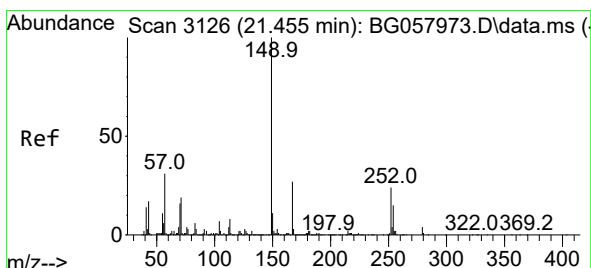
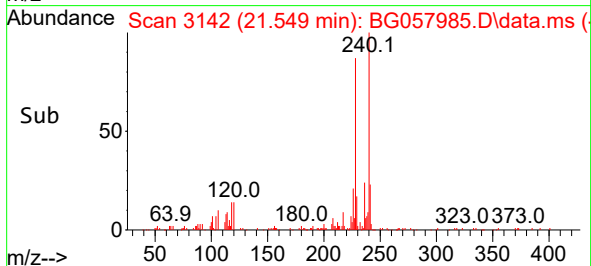
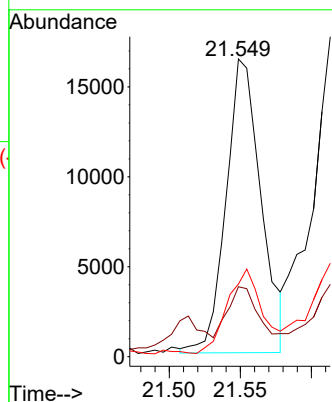
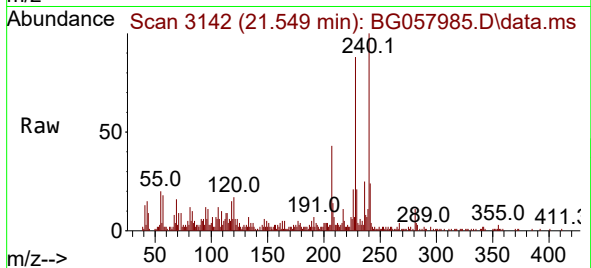
Tgt Ion:228 Resp: 27977

Ion Ratio Lower Upper

228 100

229 23.5 16.0 24.0

226 24.4 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.100 ng/ul

RT: 21.455 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BG057985.D

Acq: 4 Jul 2023 12:38

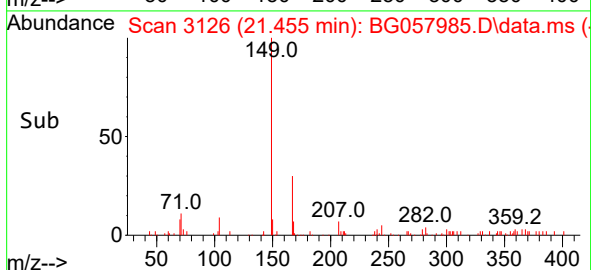
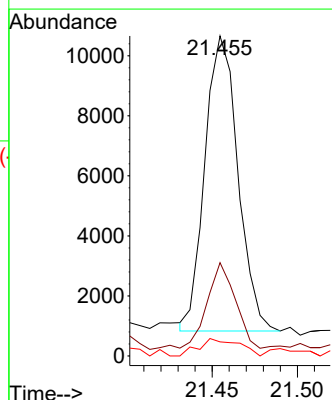
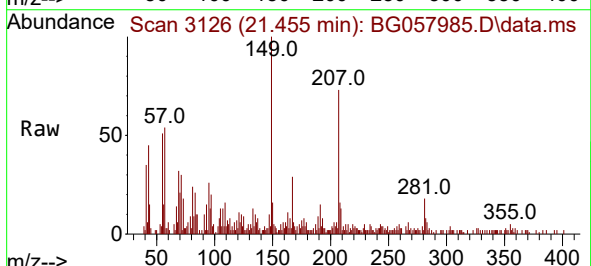
Tgt Ion:149 Resp: 13256

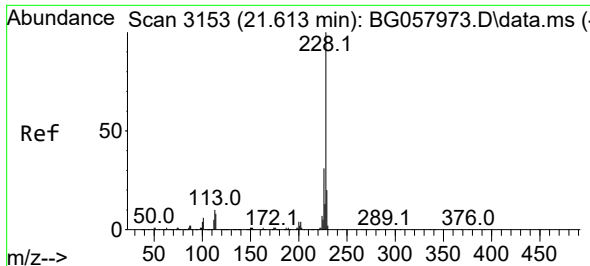
Ion Ratio Lower Upper

149 100

167 29.1 20.9 31.3

279 4.4 3.1 4.7





#87

Chrysene

Concen: 1.728 ng/ul

RT: 21.613 min Scan# 3153

Delta R.T. 0.000 min

Lab File: BG057985.D

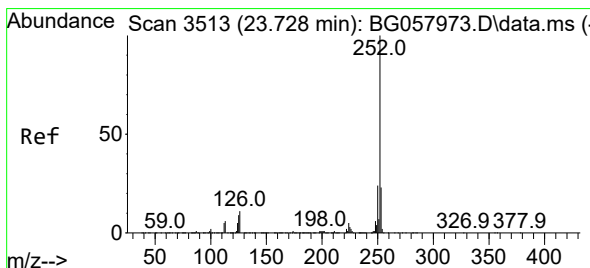
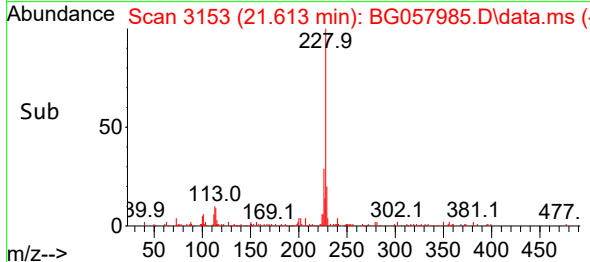
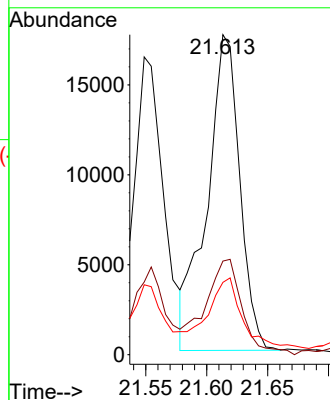
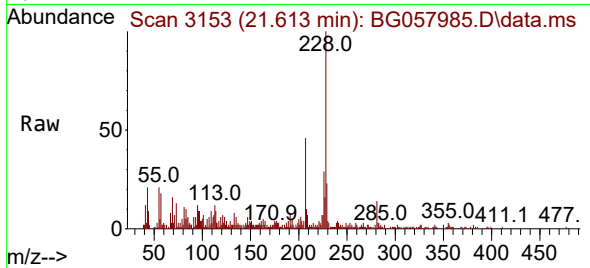
Acq: 4 Jul 2023 12:38

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	228	Resp:	32835
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.4	36.6
229	22.6	15.5	23.3



#90

Benzo(b)fluoranthene

Concen: 2.598 ng/ul

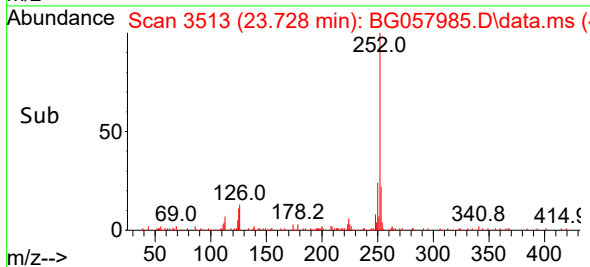
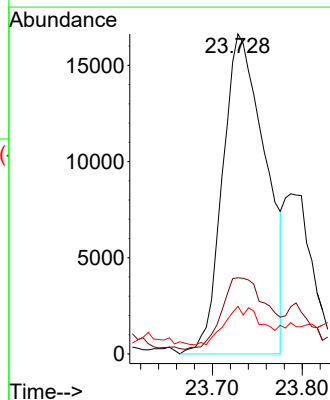
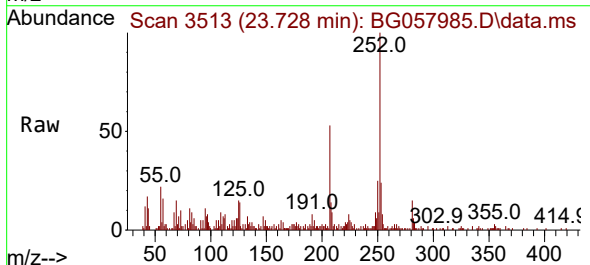
RT: 23.728 min Scan# 3513

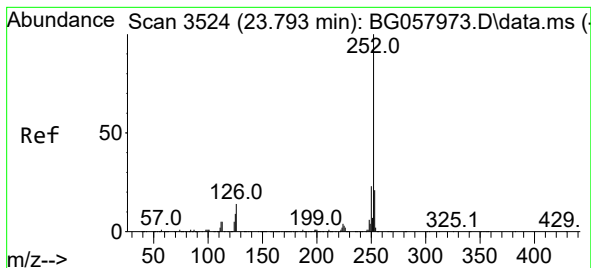
Delta R.T. 0.000 min

Lab File: BG057985.D

Acq: 4 Jul 2023 12:38

Tgt Ion:	252	Resp:	55144
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.1	27.1
125	14.9	7.5	11.3





#91

Benzo(k)fluoranthene

Concen: 2.651 ng/ul

RT: 23.728 min Scan# 3513

Delta R.T. -0.065 min

Lab File: BG057985.D

Acq: 4 Jul 2023 12:38

Instrument :

BNA_G

ClientSampleId :

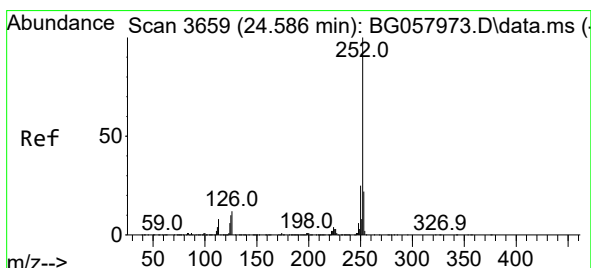
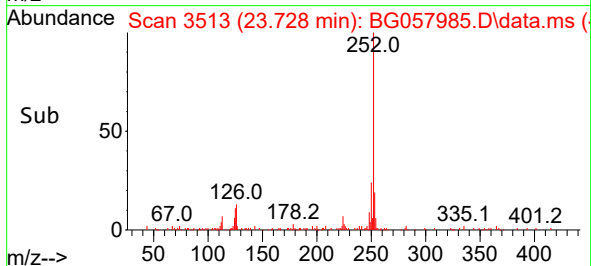
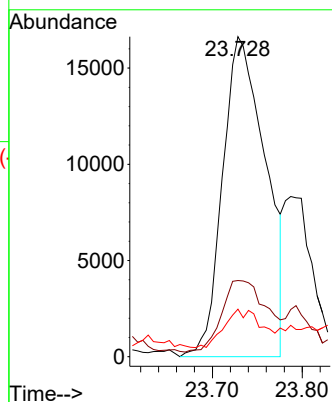
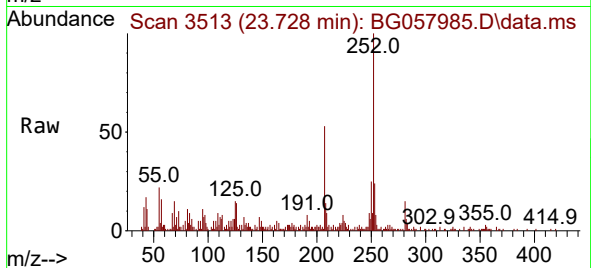
Tgt Ion:252 Resp: 55144

Ion Ratio Lower Upper

252 100

253 23.8 17.7 26.5

125 14.9 7.4 11.2#



#93

Benzo(a)pyrene

Concen: 1.734 ng/ul

RT: 24.586 min Scan# 3659

Delta R.T. 0.000 min

Lab File: BG057985.D

Acq: 4 Jul 2023 12:38

Tgt Ion:252 Resp: 32576

Ion Ratio Lower Upper

252 100

253 25.3 17.8 26.6

125 17.8 8.3 12.5#

