

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057962.D
 Acq On : 3 Jul 2023 19:48
 Operator : CG/JU
 Sample : 03246-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

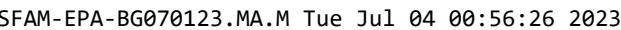
Quant Time: Jul 04 00:55:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

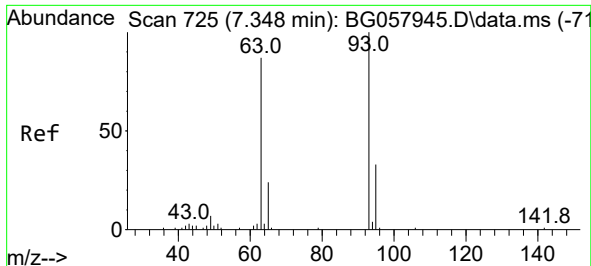
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	40811	20.000	ng/ul	0.00
20) Naphthalene-d8	10.737	136	199478	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.568	164	145617	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.312	188	323641	20.000	ng/ul	0.00
79) Chrysene-d12	21.560	240	260959	20.000	ng/ul	0.00
88) Perylene-d12	24.727	264	317039	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	4753	4.078	ng/uL	0.00
4) Pyridine-d5	3.781	84	57134	16.147	ng/ul	0.00
7) Phenol-d5	7.094	99	109829	26.352	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.259	67	62304	24.806	ng/ul	0.00
11) 2-Chlorophenol-d4	7.465	132	78091	27.166	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	76768	24.411	ng/ul	0.00
21) Nitrobenzene-d5	9.092	128	40565	24.950	ng/ul	0.00
24) 2-Nitrophenol-d4	9.815	143	44273	25.910	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.355	165	89384	27.268	ng/ul	0.00
31) 4-Chloroaniline-d4	10.872	131	18110	3.644	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	297925	25.930	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	343800	27.422	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	41611	20.499	ng/ul	0.00
60) Fluorene-d10	15.561	176	268217	27.488	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.673	200	34260	19.495	ng/ul	0.00
73) Anthracene-d10	17.406	188	383502	25.537	ng/ul	0.00
81) Pyrene-d10	19.697	212	457168	27.816	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.503	264	452754	28.030	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.376	93	92918	28.453	ng/ul#	19
72) Phenanthrene	17.353	178	63861	3.879	ng/ul	98
80) Fluoranthene	19.362	202	203375	10.679	ng/ul	99
82) Pyrene	19.727	202	178733	9.324	ng/ul	99
85) Benzo(a)anthracene	21.548	228	104441	5.574	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.454	149	24870	2.233	ng/ul#	81
87) Chrysene	21.607	228	125847	7.165	ng/ul	96
90) Benzo(b)fluoranthene	23.722	252	201502	10.265	ng/ul	97
91) Benzo(k)fluoranthene	23.722	252	201502	10.473	ng/ul	96
93) Benzo(a)pyrene	24.568	252	131167	7.549	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.323	276	119147	5.164	ng/ul	98
96) Benzo(g,h,i)perylene	29.451	276	98750	5.240	ng/ul	99

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

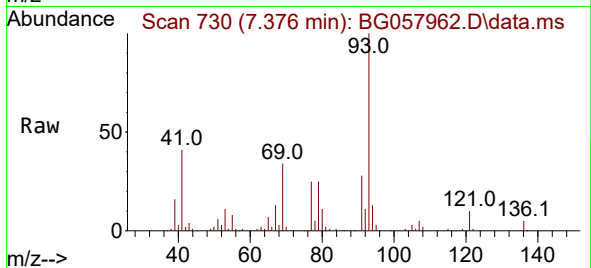
Quant Time: Jul 04 00:55:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration



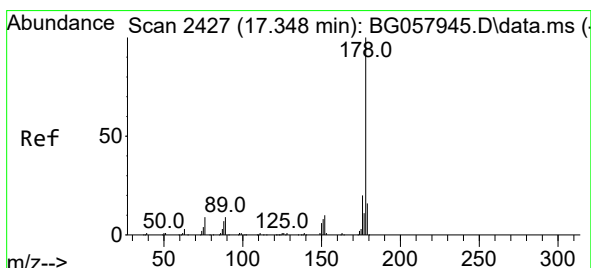
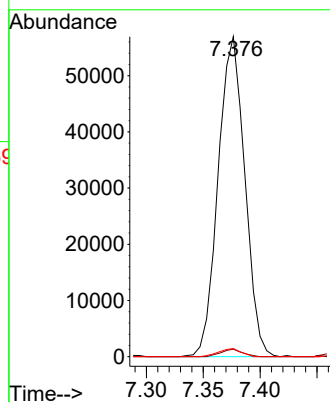
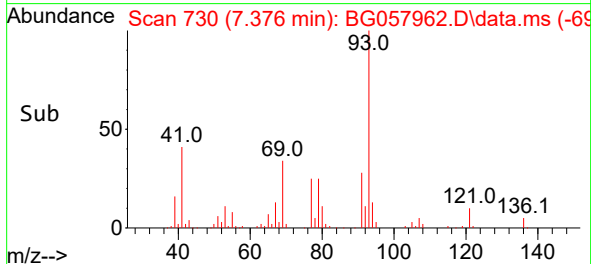


#10
Bis(2-Chloroethyl)ether
Concen: 28.453 ng/ul
RT: 7.376 min Scan# 71
Delta R.T. 0.029 min
Lab File: BG057962.D
Acq: 3 Jul 2023 19:48

Instrument :
BNA_P
ClientSampleId :

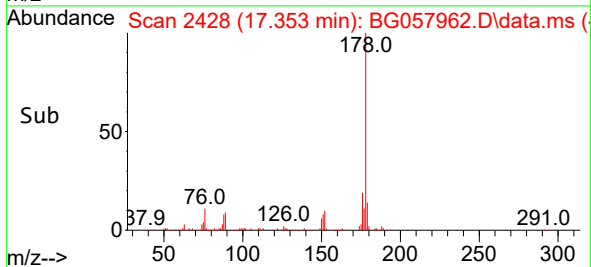
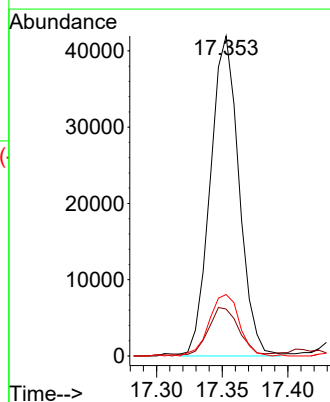
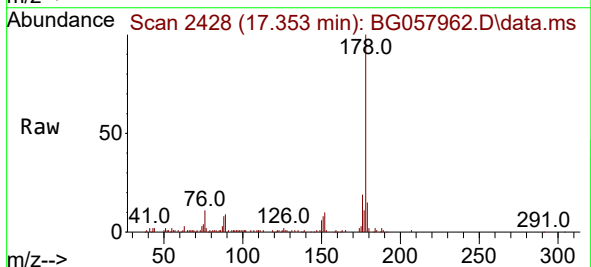


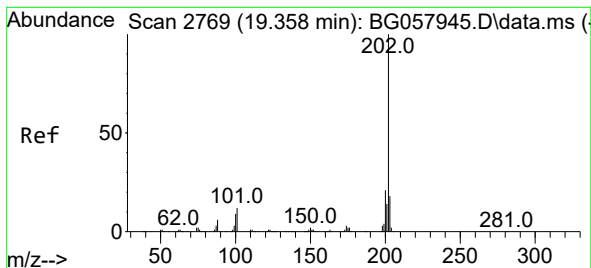
Tgt Ion: 93 Resp: 92918
Ion Ratio Lower Upper
93 100
63 2.4 69.4 104.0#
95 2.6 27.0 40.6#



#72
Phenanthrene
Concen: 3.879 ng/ul
RT: 17.353 min Scan# 2428
Delta R.T. 0.005 min
Lab File: BG057962.D
Acq: 3 Jul 2023 19:48

Tgt Ion:178 Resp: 63861
Ion Ratio Lower Upper
178 100
179 14.6 12.8 19.2
176 19.2 15.7 23.5





#80

Fluoranthene

Concen: 10.679 ng/ul

RT: 19.362 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG057962.D

Acq: 3 Jul 2023 19:48

Instrument :

BNA_P

ClientSampleId :

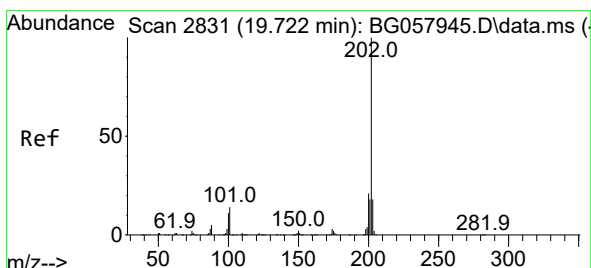
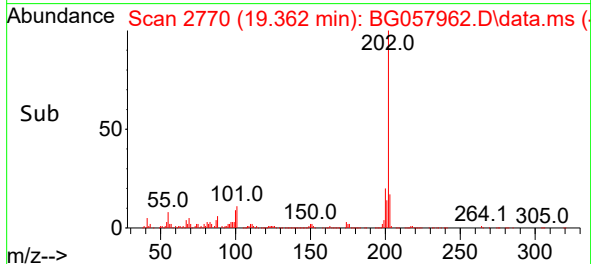
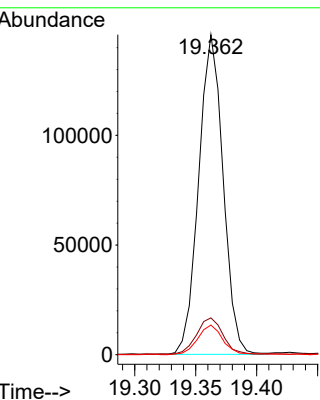
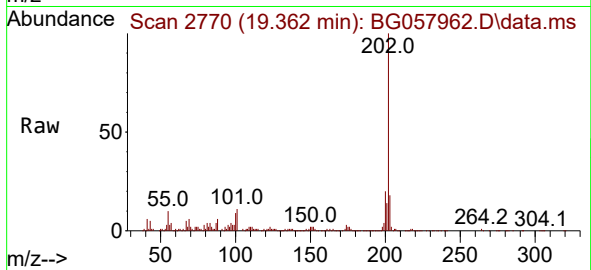
Tgt Ion:202 Resp: 203375

Ion Ratio Lower Upper

202 100

101 11.5 9.1 13.7

100 9.2 7.1 10.7



#82

Pyrene

Concen: 9.324 ng/ul

RT: 19.727 min Scan# 2832

Delta R.T. 0.005 min

Lab File: BG057962.D

Acq: 3 Jul 2023 19:48

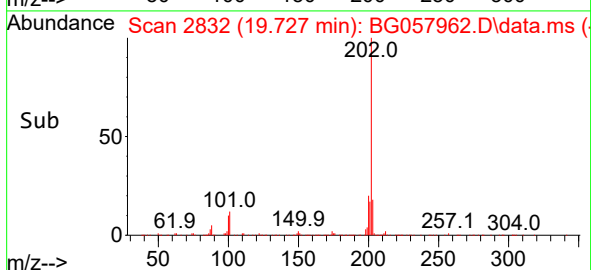
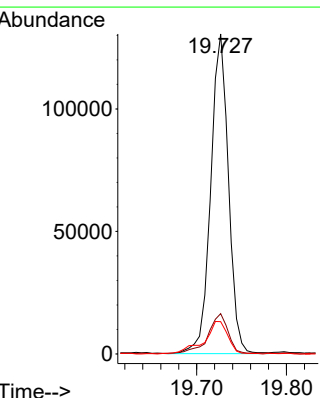
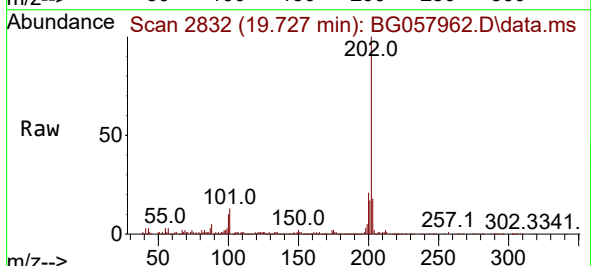
Tgt Ion:202 Resp: 178733

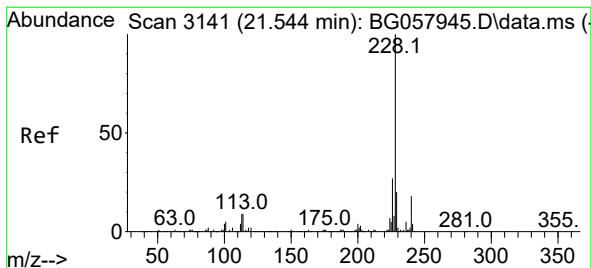
Ion Ratio Lower Upper

202 100

101 12.6 10.2 15.2

100 10.1 8.9 13.3





#85

Benzo(a)anthracene

Concen: 5.574 ng/ul

RT: 21.548 min Scan# 3141

Delta R.T. 0.005 min

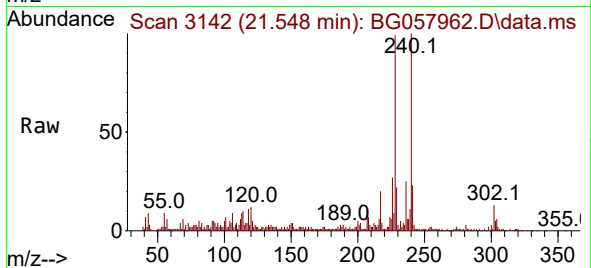
Lab File: BG057962.D

Acq: 3 Jul 2023 19:48

Instrument :

BNA_P

ClientSampleId :



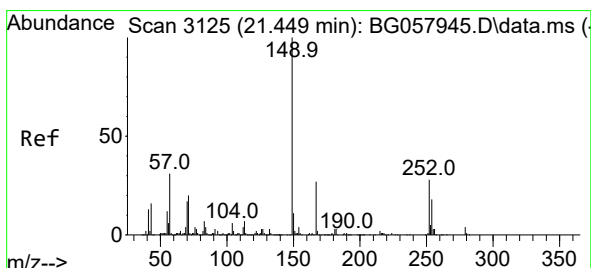
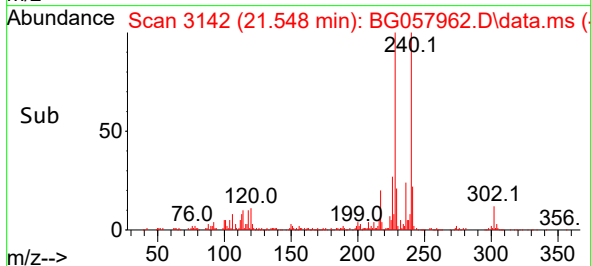
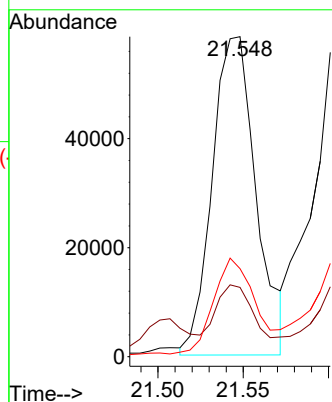
Tgt Ion:228 Resp: 104441

Ion Ratio Lower Upper

228 100

229 21.7 16.0 24.0

226 27.5 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.233 ng/ul

RT: 21.454 min Scan# 3126

Delta R.T. 0.005 min

Lab File: BG057962.D

Acq: 3 Jul 2023 19:48

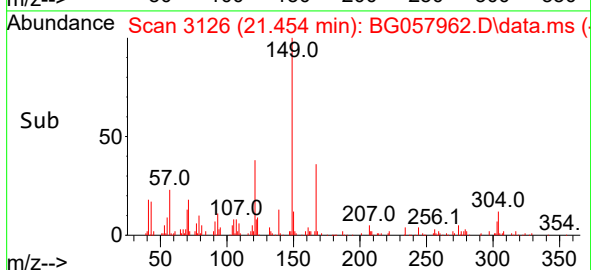
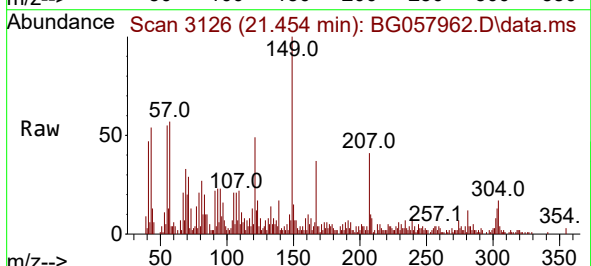
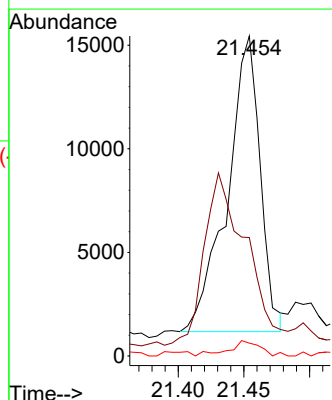
Tgt Ion:149 Resp: 24870

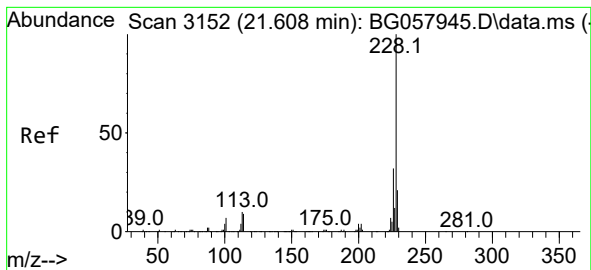
Ion Ratio Lower Upper

149 100

167 37.0 20.9 31.3#

279 4.0 3.1 4.7





#87

Chrysene

Concen: 7.165 ng/ul

RT: 21.607 min Scan# 3152

Delta R.T. -0.001 min

Lab File: BG057962.D

Acq: 3 Jul 2023 19:48

Instrument :

BNA_P

ClientSampleId :

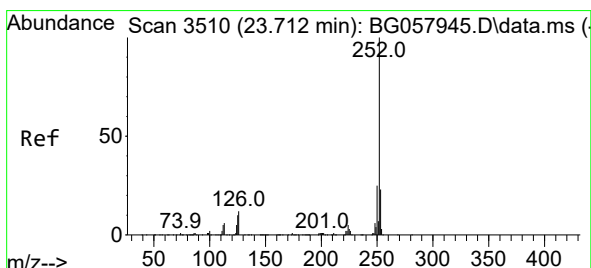
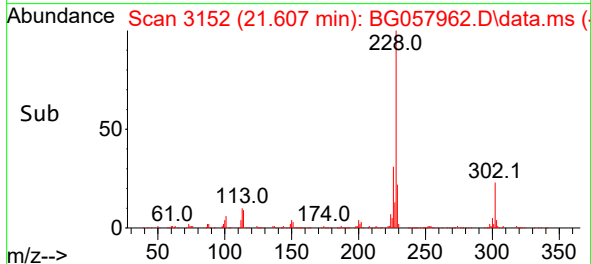
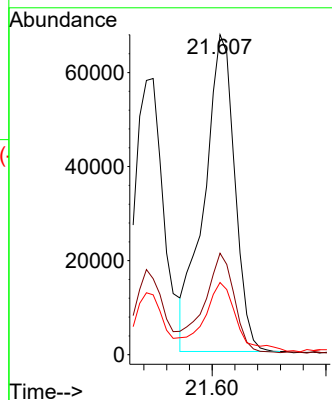
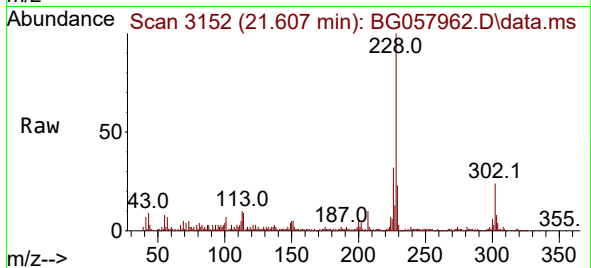
Tgt Ion:228 Resp: 125847

Ion Ratio Lower Upper

228 100

226 31.7 24.4 36.6

229 22.6 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 10.265 ng/ul

RT: 23.722 min Scan# 3512

Delta R.T. 0.011 min

Lab File: BG057962.D

Acq: 3 Jul 2023 19:48

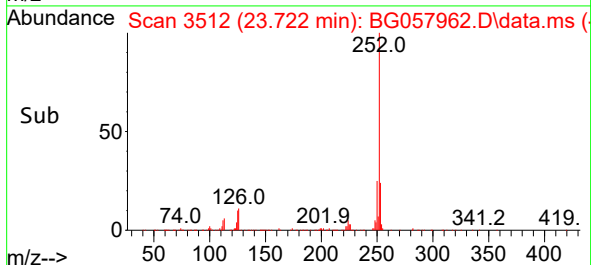
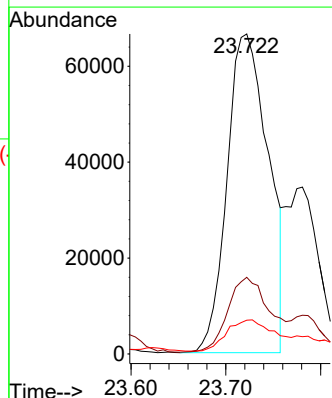
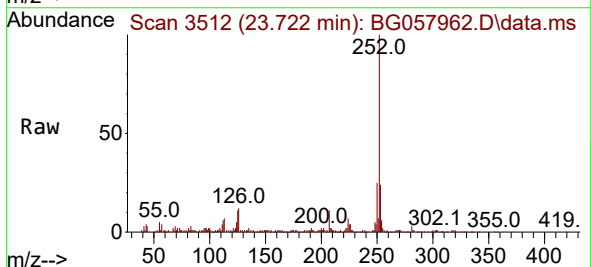
Tgt Ion:252 Resp: 201502

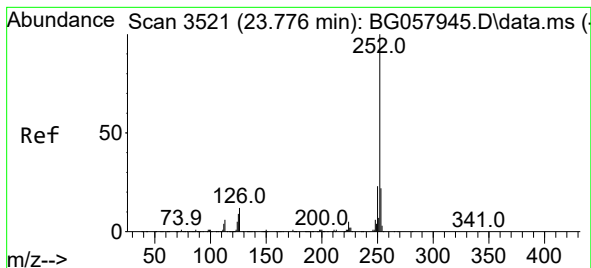
Ion Ratio Lower Upper

252 100

253 23.9 18.1 27.1

125 10.6 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 10.473 ng/ul

RT: 23.722 min Scan# 3512

Delta R.T. -0.054 min

Lab File: BG057962.D

Acq: 3 Jul 2023 19:48

Instrument :

BNA_P

ClientSampleId :

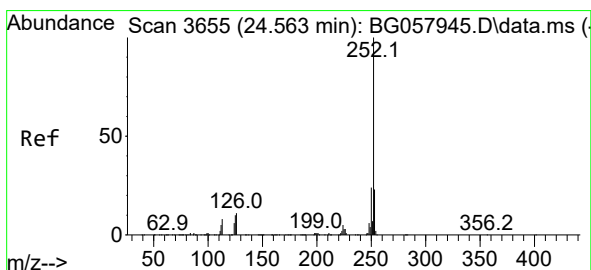
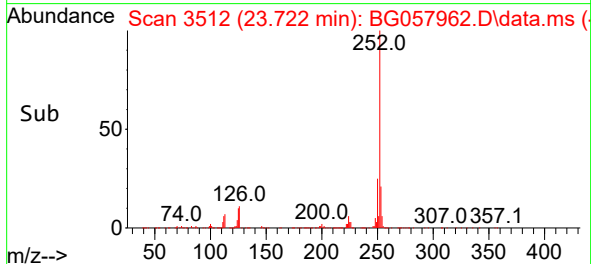
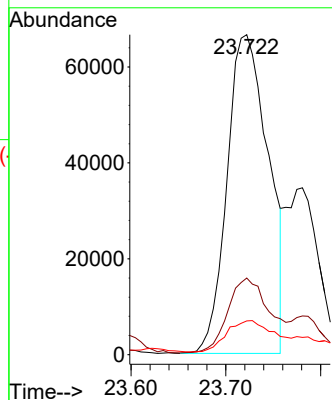
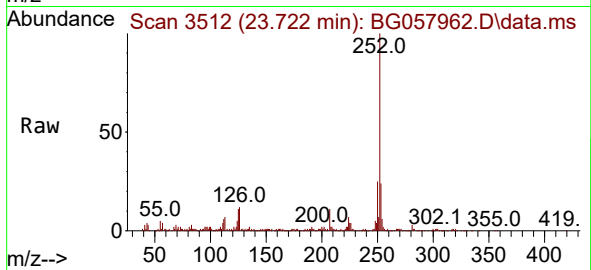
Tgt Ion:252 Resp: 201502

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 10.6 7.4 11.2



#93

Benzo(a)pyrene

Concen: 7.549 ng/ul

RT: 24.568 min Scan# 3656

Delta R.T. -0.001 min

Lab File: BG057962.D

Acq: 3 Jul 2023 19:48

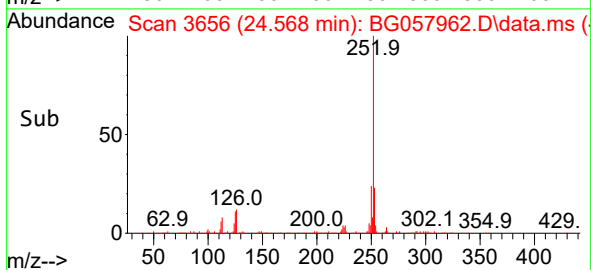
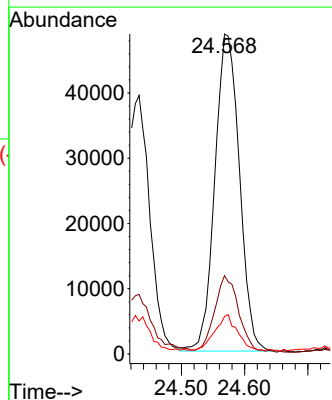
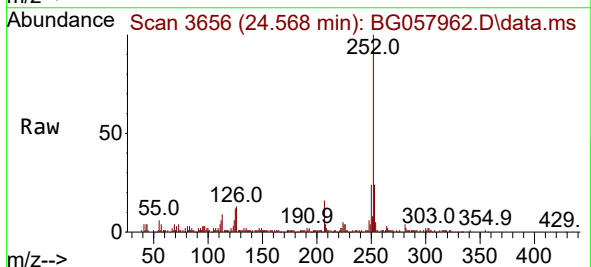
Tgt Ion:252 Resp: 131167

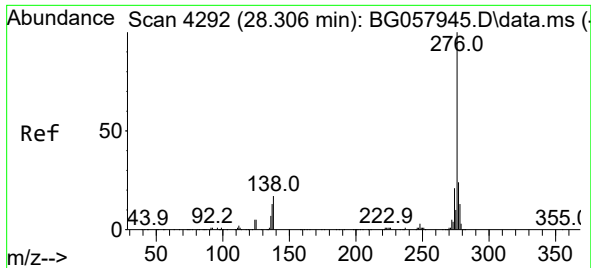
Ion Ratio Lower Upper

252 100

253 24.5 17.8 26.6

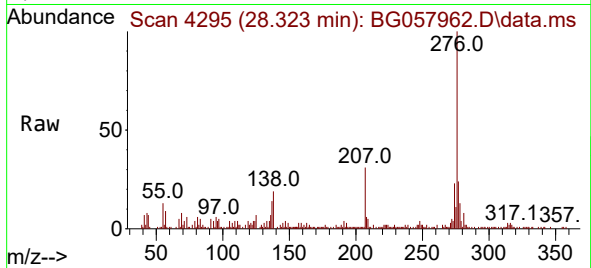
125 11.7 8.3 12.5



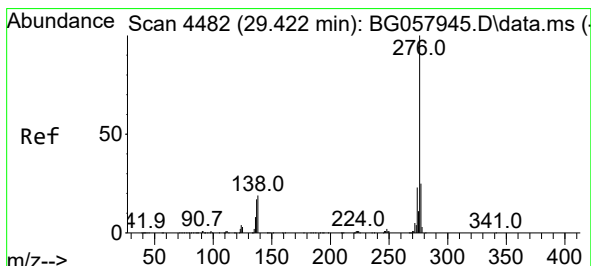
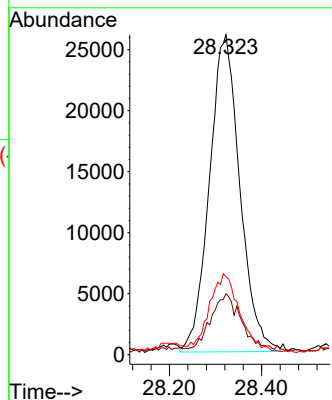
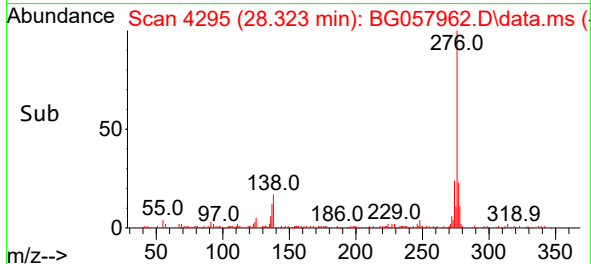


#94
 Indeno(1,2,3-cd)pyrene
 Concen: 5.164 ng/ul
 RT: 28.323 min Scan# 4295
 Delta R.T. 0.017 min
 Lab File: BG057962.D
 Acq: 3 Jul 2023 19:48

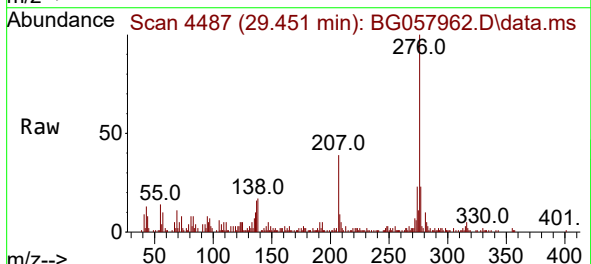
Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 119147
 Ion Ratio Lower Upper
 276 100
 138 19.0 14.0 21.0
 277 24.4 19.4 29.2



#96
 Benzo(g,h,i)perylene
 Concen: 5.240 ng/ul
 RT: 29.451 min Scan# 4487
 Delta R.T. 0.023 min
 Lab File: BG057962.D
 Acq: 3 Jul 2023 19:48



Tgt Ion:276 Resp: 98750
 Ion Ratio Lower Upper
 276 100
 138 16.9 14.2 21.2
 277 23.5 18.6 27.8

