

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057231.D
 Acq On : 29 Apr 2023 00:17
 Operator : CG/JU
 Sample : 02417-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8X0

Quant Time: Apr 29 01:47:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

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

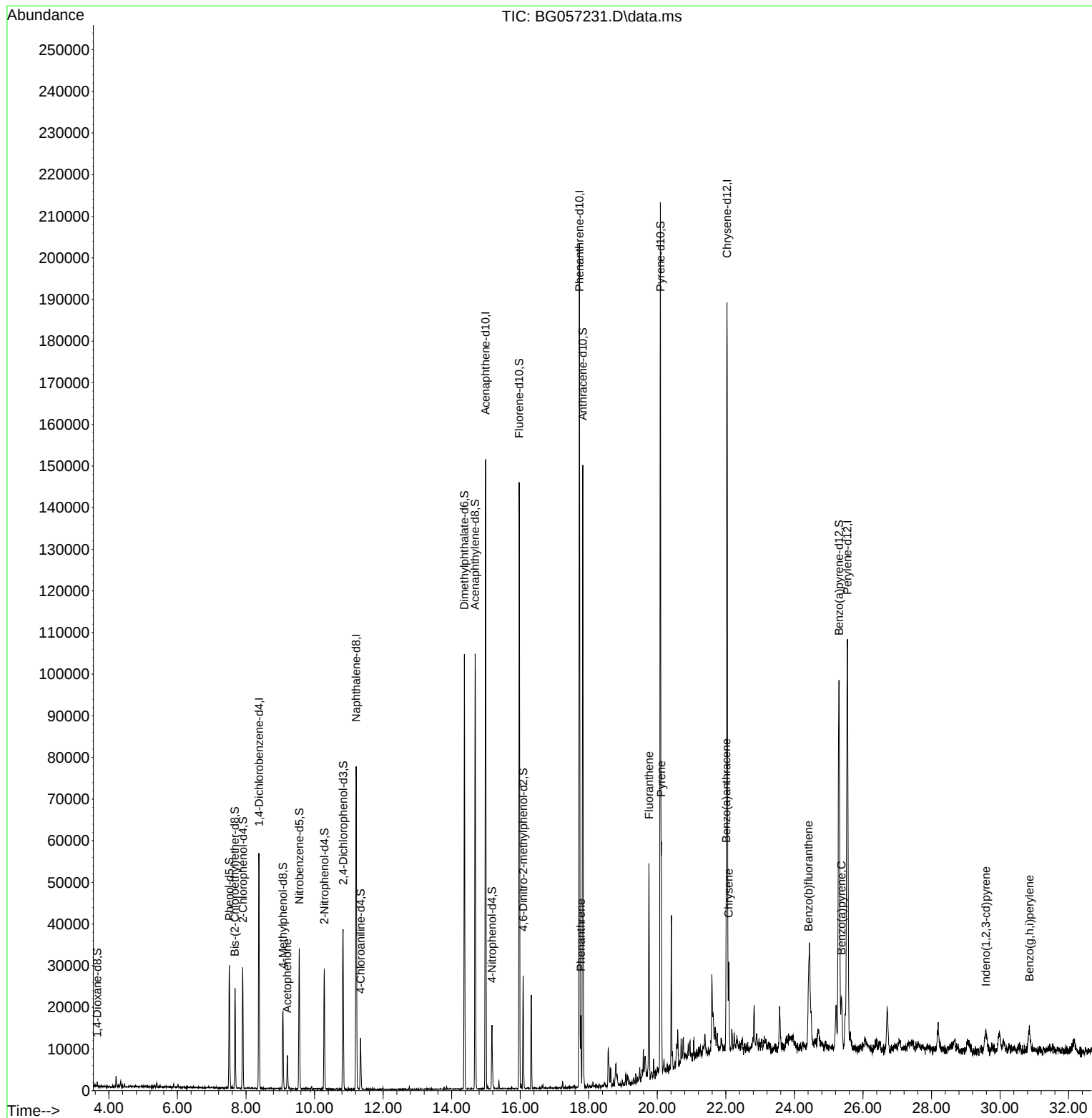
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.381	152	14915	20.000	ng/u1	0.00
20) Naphthalene-d8	11.212	136	64951	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.990	164	54035	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.727	188	133404	20.000	ng/u1	0.00
79) Chrysene-d12	22.033	240	115478	20.000	ng/u1	# 0.00
88) Perylene-d12	25.546	264	119436	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	566	1.670	ng/uL	0.00
4) Pyridine-d5	0.000	84	0	0.000	ng/u1	
7) Phenol-d5	7.511	99	16754	11.878	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.676	67	11698	14.100	ng/u1	0.00
11) 2-Chlorophenol-d4	7.905	132	12632	13.590	ng/u1	0.00
15) 4-Methylphenol-d8	9.074	113	7797	7.273	ng/u1	0.00
21) Nitrobenzene-d5	9.556	128	7219	13.957	ng/u1	0.00
24) 2-Nitrophenol-d4	10.284	143	8762	14.515	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.830	165	16119	13.841	ng/u1	0.00
31) 4-Chloroaniline-d4	11.342	131	7352	4.763	ng/u1	0.00
46) Dimethylphthalate-d6	14.373	166	66760	15.592	ng/u1	0.00
49) Acenaphthylene-d8	14.684	160	74636	15.510	ng/u1	0.00
54) 4-Nitrophenol-d4	15.172	143	4827	7.745	ng/u1	0.00
60) Fluorene-d10	15.971	176	60846	15.255	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.088	200	7886	9.977	ng/u1	0.00
73) Anthracene-d10	17.827	188	96128	15.787	ng/u1	0.00
81) Pyrene-d10	20.089	212	121834	17.775	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.299	264	106556	17.511	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	9.203	105	4778	2.590	ng/u1#	85
72) Phenanthrene	17.768	178	12041	1.733	ng/u1	98
80) Fluoranthene	19.754	202	33684	4.137	ng/u1	98
82) Pyrene	20.118	202	33972	4.121	ng/u1	99
85) Benzo(a)anthracene	22.009	228	18617	2.279	ng/u1	96
87) Chrysene	22.080	228	17612	2.286	ng/u1	97
90) Benzo(b)fluoranthene	24.412	252	23024	2.784	ng/u1	96
93) Benzo(a)pyrene	25.375	252	16424	2.300	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	29.582	276	11565	1.296	ng/u1	97
96) Benzo(g,h,i)perylene	30.856	276	12113	1.677	ng/u1	98

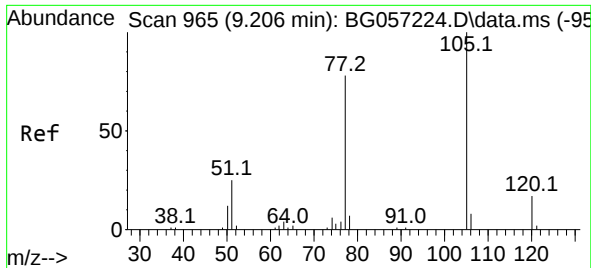
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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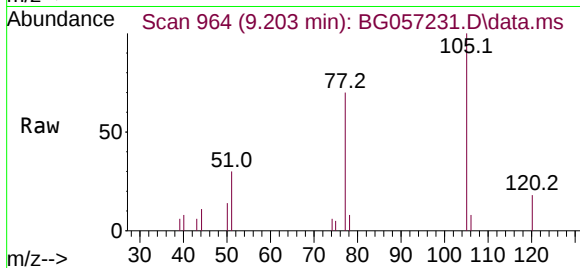
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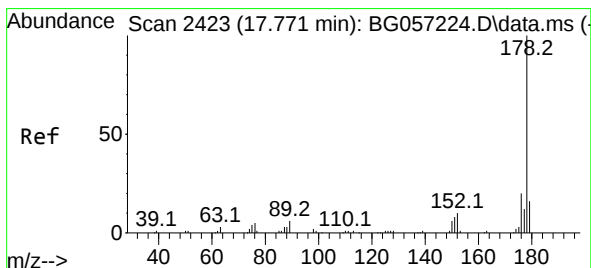
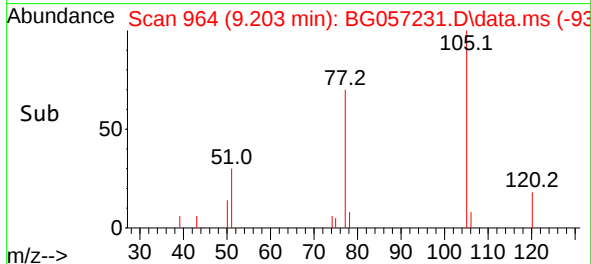
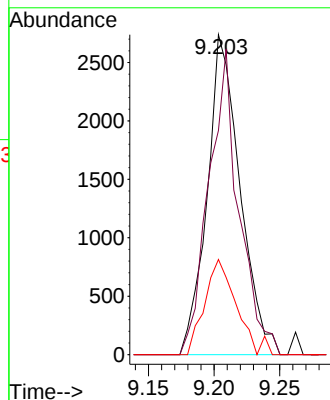


#16
Acetophenone
Concen: 2.590 ng/ul
RT: 9.203 min Scan# 964
Delta R.T. -0.003 min
Lab File: BG057231.D
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Instrument :
BNA_G
ClientSampleId :
EW8X0

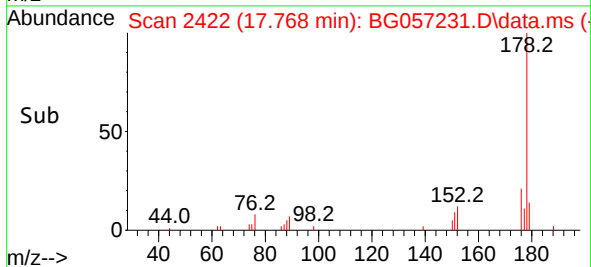
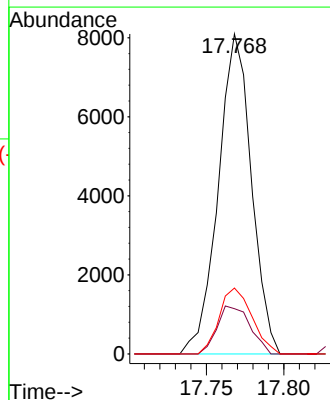
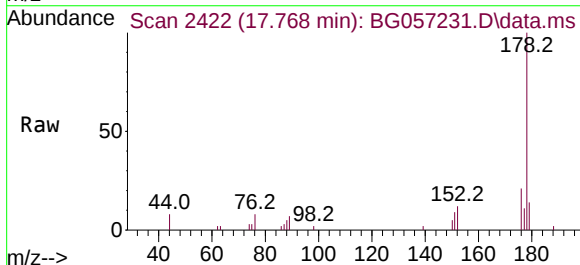


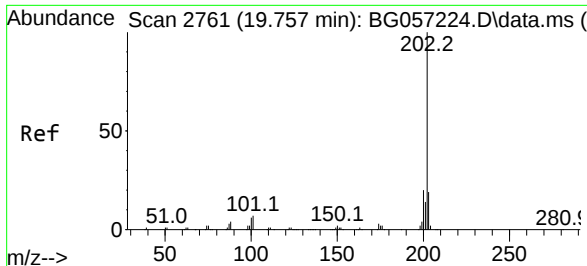
Tgt Ion:105 Resp: 4778
Ion Ratio Lower Upper
105 100
77 70.0 70.6 105.8#
51 29.8 24.5 36.7



#72
Phenanthrene
Concen: 1.733 ng/ul
RT: 17.768 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG057231.D
Acq: 29 Apr 2023 00:17

Tgt Ion:178 Resp: 12041
Ion Ratio Lower Upper
178 100
179 14.1 11.8 17.8
176 20.6 15.4 23.0

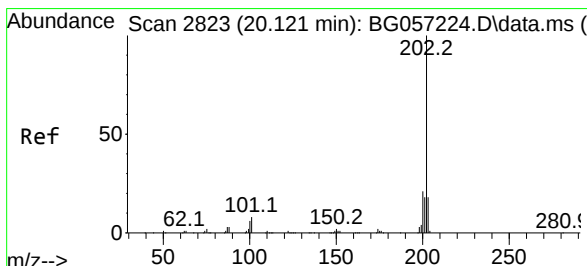
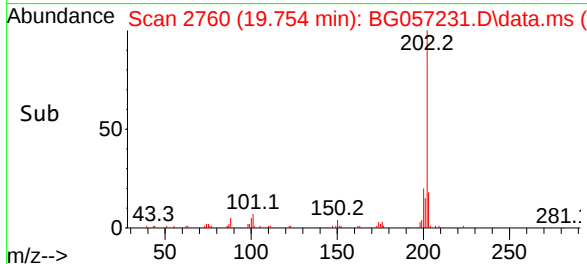
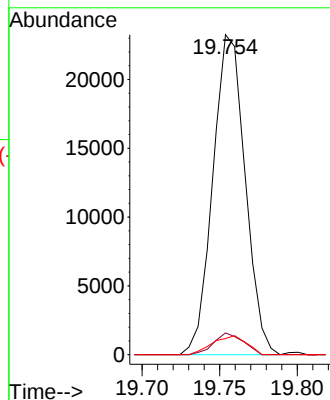
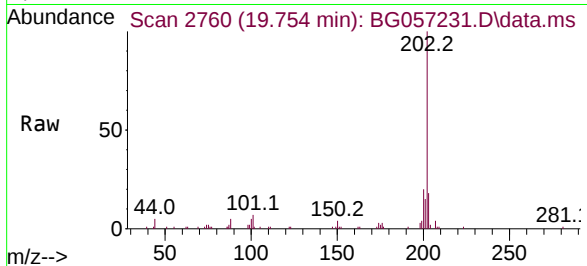




#80
Fluoranthene
Concen: 4.137 ng/ul
RT: 19.754 min Scan# 2760
Delta R.T. -0.003 min
Lab File: BG057231.D
Acq: 29 Apr 2023 00:17

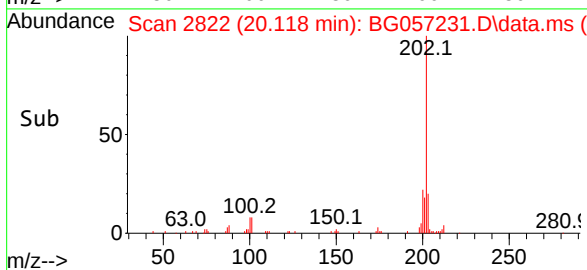
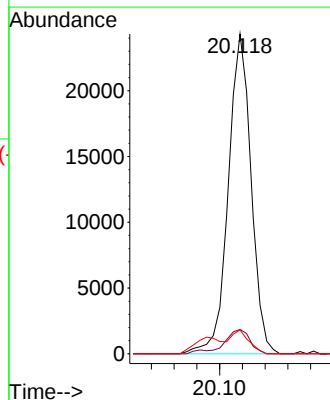
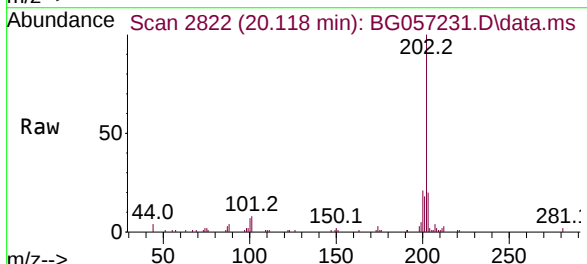
Instrument :
BNA_G
ClientSampleId :
EW8X0

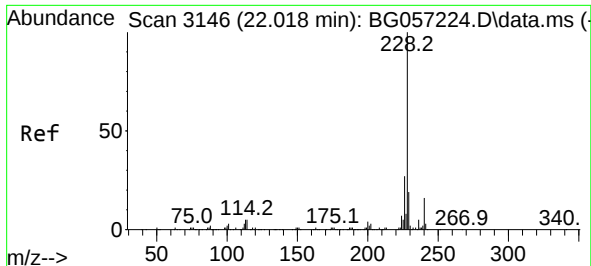
Tgt Ion:202 Resp: 33684
Ion Ratio Lower Upper
202 100
101 6.8 5.8 8.6
100 5.0 4.6 7.0



#82
Pyrene
Concen: 4.121 ng/ul
RT: 20.118 min Scan# 2822
Delta R.T. -0.003 min
Lab File: BG057231.D
Acq: 29 Apr 2023 00:17

Tgt Ion:202 Resp: 33972
Ion Ratio Lower Upper
202 100
101 7.6 5.7 8.5
100 7.5 6.0 9.0

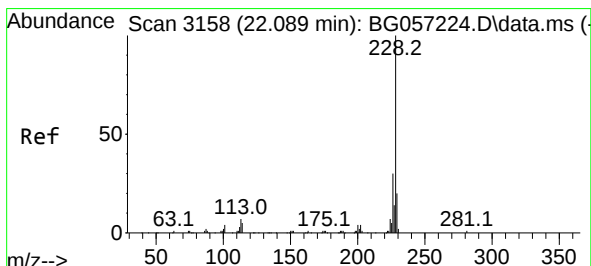
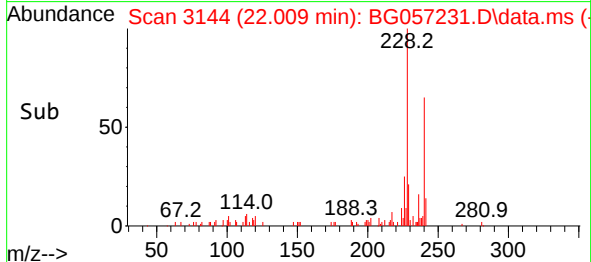
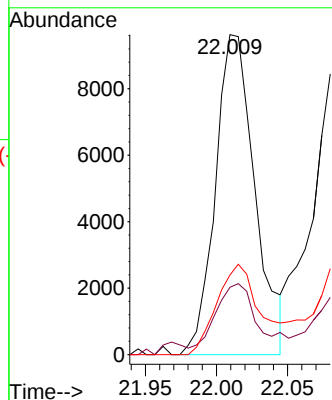
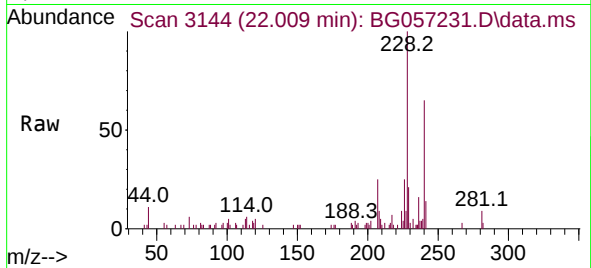




#85
Benzo(a)anthracene
Concen: 2.279 ng/ul
RT: 22.009 min Scan# 3144
Delta R.T. -0.003 min
Lab File: BG057231.D
Acq: 29 Apr 2023 00:17

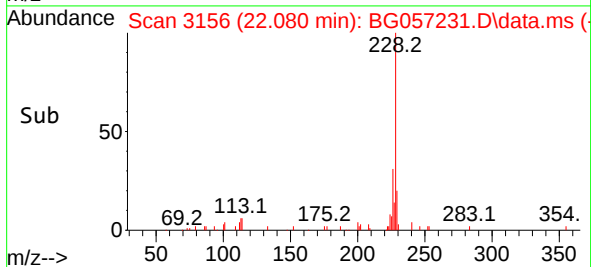
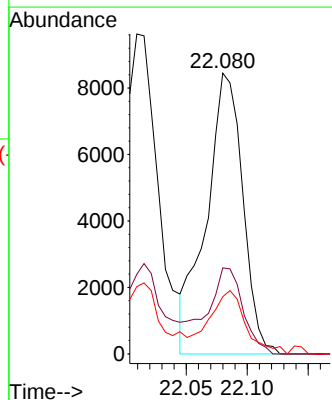
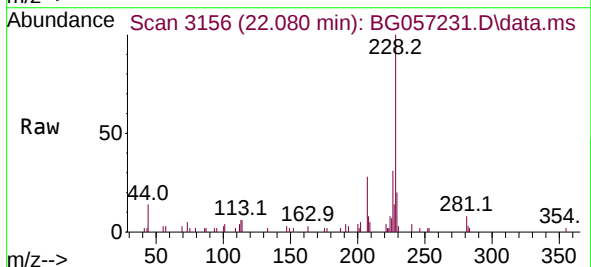
Instrument :
BNA_G
ClientSampleId :
EW8X0

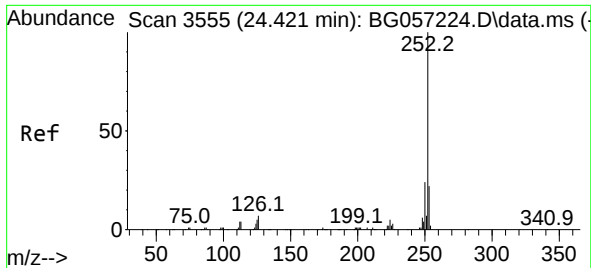
Tgt Ion:228 Resp: 18617
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 24.9 21.7 32.5



#87
Chrysene
Concen: 2.286 ng/ul
RT: 22.080 min Scan# 3156
Delta R.T. -0.009 min
Lab File: BG057231.D
Acq: 29 Apr 2023 00:17

Tgt Ion:228 Resp: 17612
Ion Ratio Lower Upper
228 100
226 30.6 22.8 34.2
229 20.4 15.5 23.3

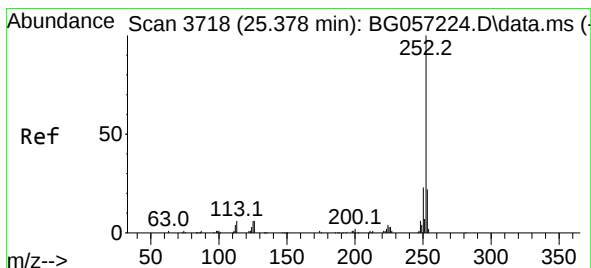
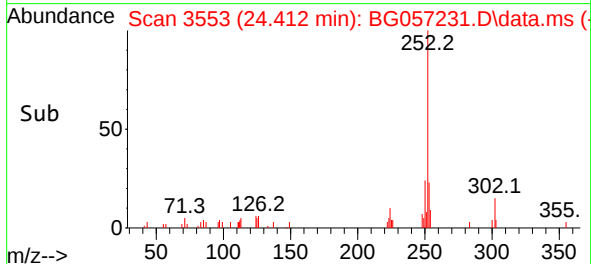
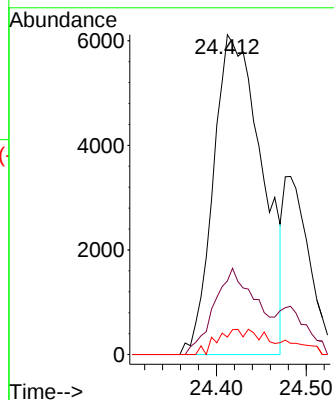
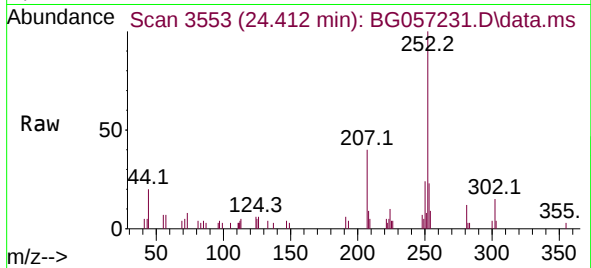




#90
Benzo(b)fluoranthene
Concen: 2.784 ng/ul
RT: 24.412 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG057231.D
Acq: 29 Apr 2023 00:17

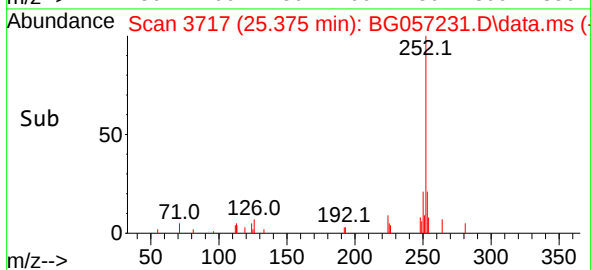
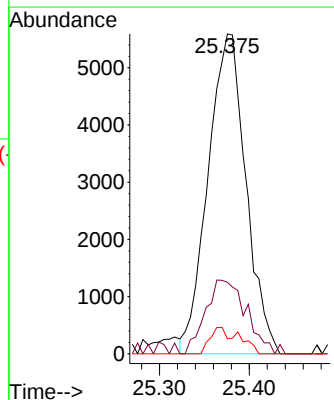
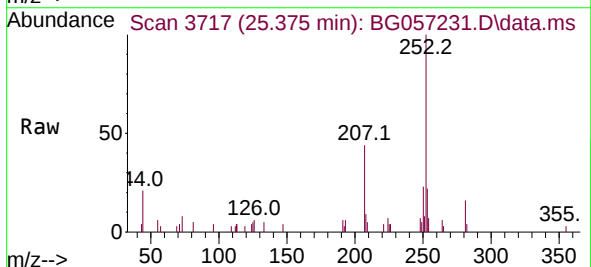
Instrument :
BNA_G
ClientSampleId :
EW8X0

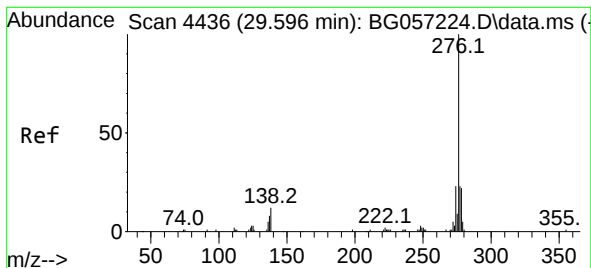
Tgt Ion:252 Resp: 23024
Ion Ratio Lower Upper
252 100
253 23.0 16.7 25.1
125 5.5 4.8 7.2



#93
Benzo(a)pyrene
Concen: 2.300 ng/ul
RT: 25.375 min Scan# 3717
Delta R.T. -0.003 min
Lab File: BG057231.D
Acq: 29 Apr 2023 00:17

Tgt Ion:252 Resp: 16424
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 4.7 5.1 7.7#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.296 ng/ul

RT: 29.582 min Scan# 4433

Delta R.T. -0.009 min

Lab File: BG057231.D

Acq: 29 Apr 2023 00:17

Instrument :

BNA_G

ClientSampleId :

EW8X0

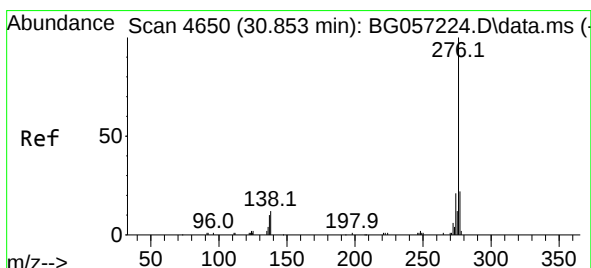
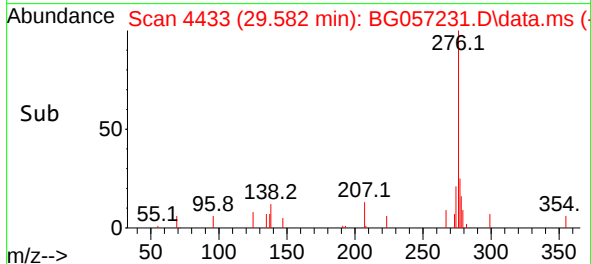
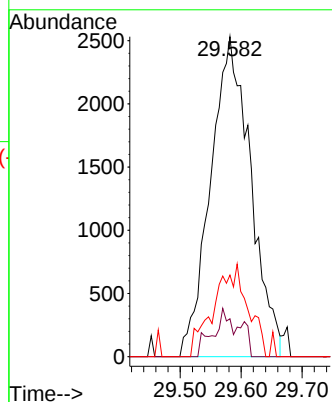
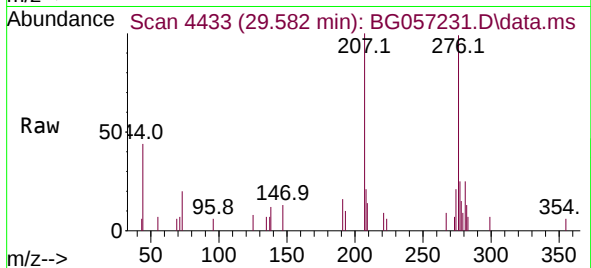
Tgt Ion:276 Resp: 11565

Ion Ratio Lower Upper

276 100

138 11.8 9.4 14.2

277 25.5 18.6 28.0



#96

Benzo(g,h,i)perylene

Concen: 1.677 ng/ul

RT: 30.856 min Scan# 4650

Delta R.T. -0.003 min

Lab File: BG057231.D

Acq: 29 Apr 2023 00:17

Tgt Ion:276 Resp: 12113

Ion Ratio Lower Upper

276 100

138 12.3 8.7 13.1

277 23.5 18.4 27.6

