

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040972.D
 Acq On : 20 Jul 2023 09:16
 Operator : MA/JU
 Sample : PB154045BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS045

Quant Time: Jul 20 09:49:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

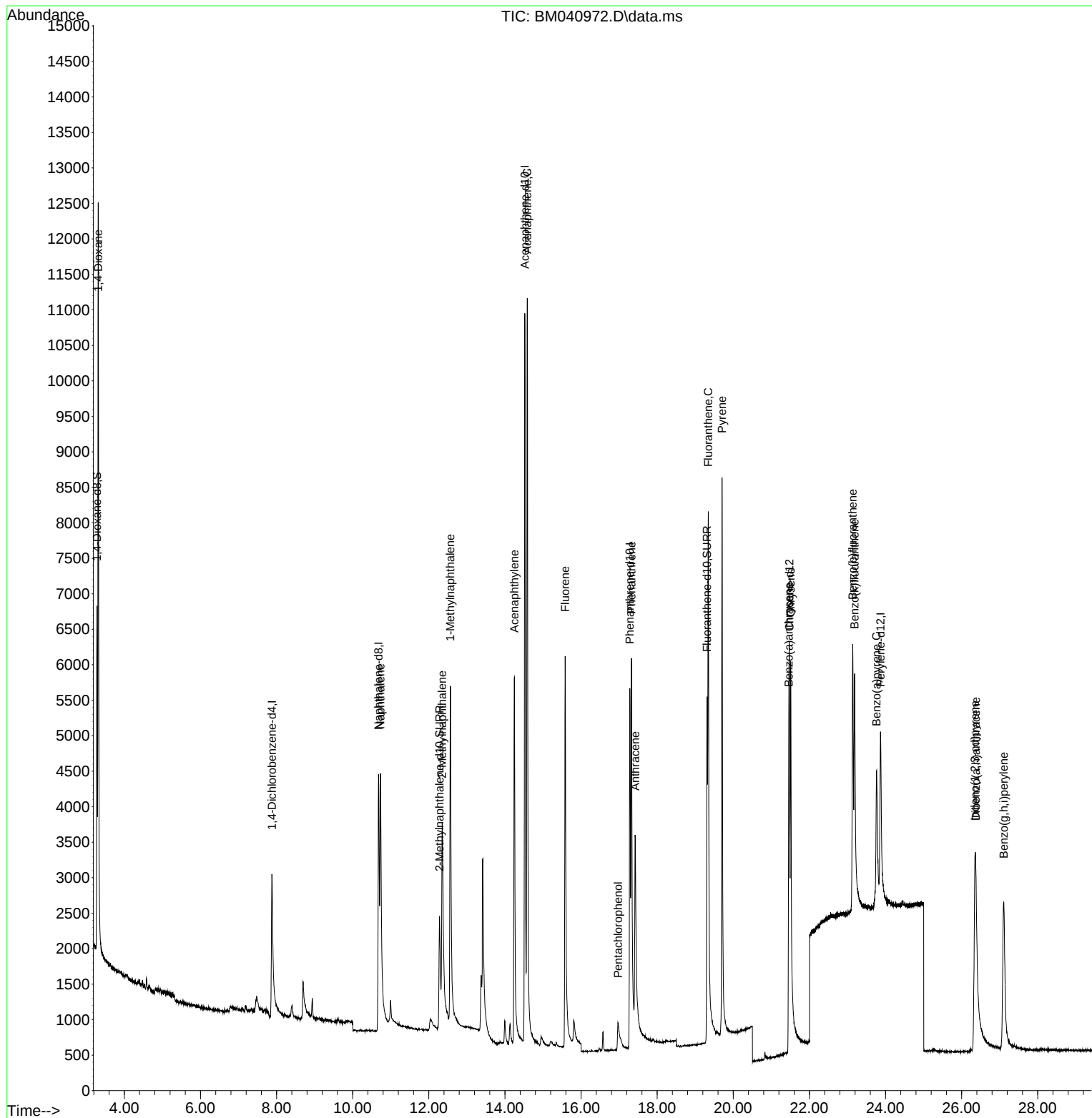
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	2166	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	8228	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.523	164	6376	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	7635	0.400	ng/ul	0.00
17) Chrysene-d12	21.474	240	4820	0.400	ng/ul	0.00
23) Perylene-d12	23.868	264	4168	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	2908	0.817	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	4044	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.310	212	7048	0.348	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.313	88	6690	1.785	ng/ul#	73
5) Naphthalene	10.730	128	7198	0.320	ng/ul	97
7) 2-Methylnaphthalene	12.352	142	3826	0.310	ng/ul	95
8) 1-Methylnaphthalene	12.566	142	4386	0.334	ng/ul	98
10) Acenaphthylene	14.250	152	8155	0.305	ng/ul	100
11) Acenaphthene	14.587	153	7141	0.303	ng/ul	98
12) Fluorene	15.582	166	5170	0.212	ng/ul	98
14) Pentachlorophenol	16.970	266	748	0.486	ng/ul	98
15) Phenanthrene	17.324	178	7336	0.321	ng/ul	98
16) Anthracene	17.422	178	5315	0.299	ng/ul	97
19) Fluoranthene	19.343	202	7706	0.310	ng/ul	99
20) Pyrene	19.705	202	8400	0.330	ng/ul	99
21) Benzo(a)anthracene	21.457	228	4478	0.305	ng/ul	98
22) Chrysene	21.510	228	5720	0.341	ng/ul	99
24) Benzo(b)fluoranthene	23.137	252	5472	0.342	ng/ul	94
25) Benzo(k)fluoranthene	23.187	252	5250	0.345	ng/ul	95
26) Benzo(a)pyrene	23.766	252	4554	0.330	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.347	276	6304	0.344	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.371	278	4772	0.344	ng/ul	95
29) Benzo(g,h,i)perylene	27.109	276	6067	0.358	ng/ul	98

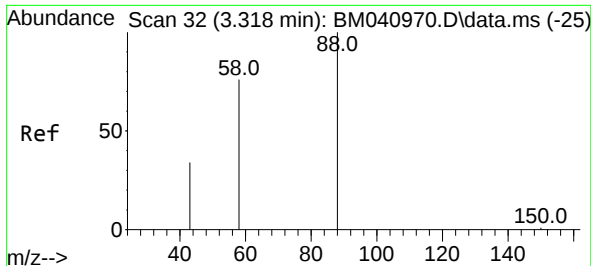
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040972.D
Acq On : 20 Jul 2023 09:16
Operator : MA/JU
Sample : PB154045BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS045

Quant Time: Jul 20 09:49:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration

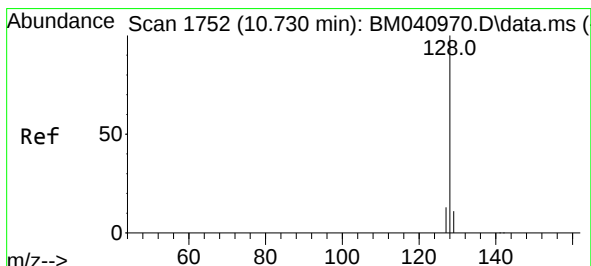
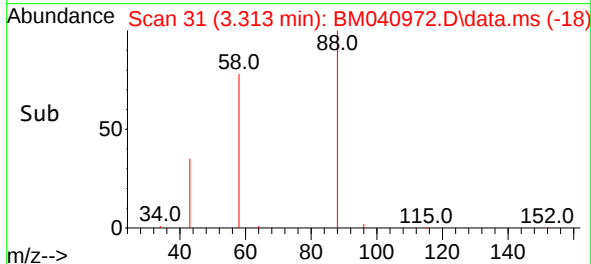
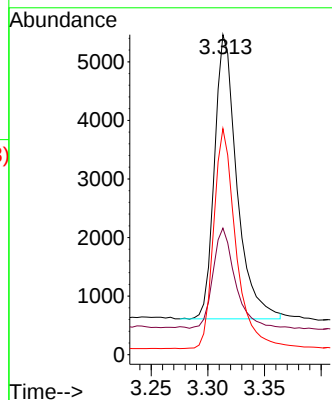
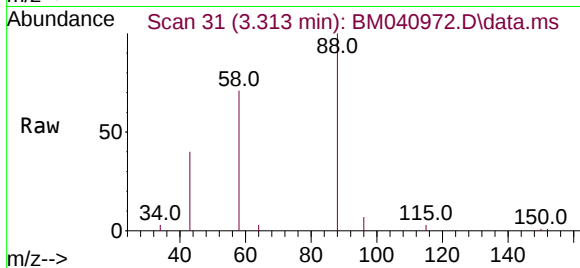




#2
1,4-Dioxane
Concen: 1.785 ng/ul
RT: 3.313 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040972.D
Acq: 20 Jul 2023 09:16

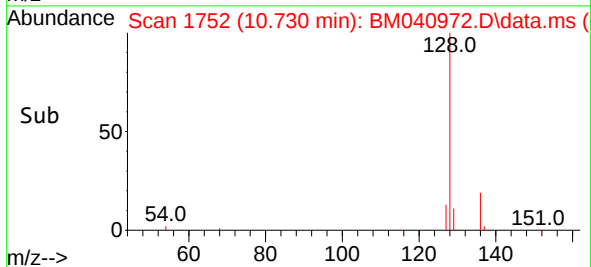
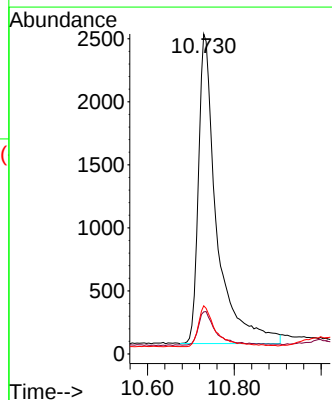
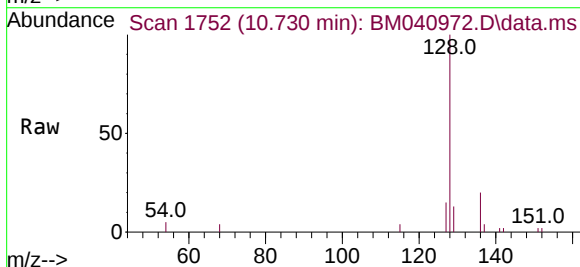
Instrument :
BNA_M
ClientSampleId :
SLCS045

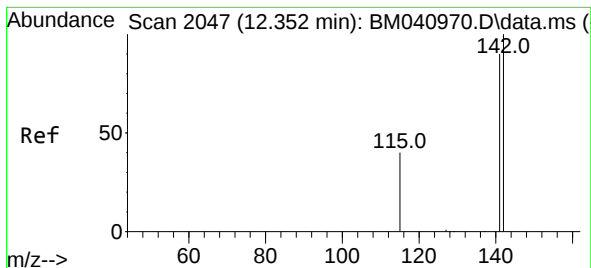
Tgt Ion: 88 Resp: 6690
Ion Ratio Lower Upper
88 100
43 39.6 46.7 70.1#
58 70.7 40.3 60.5#



#5
Naphthalene
Concen: 0.320 ng/ul
RT: 10.730 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM040972.D
Acq: 20 Jul 2023 09:16

Tgt Ion: 128 Resp: 7198
Ion Ratio Lower Upper
128 100
129 13.2 9.8 14.8
127 15.1 11.0 16.4

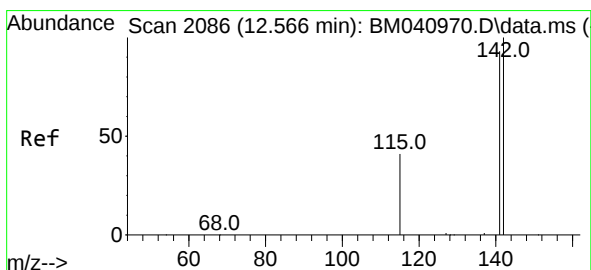
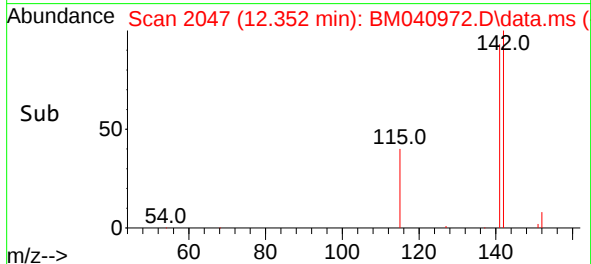
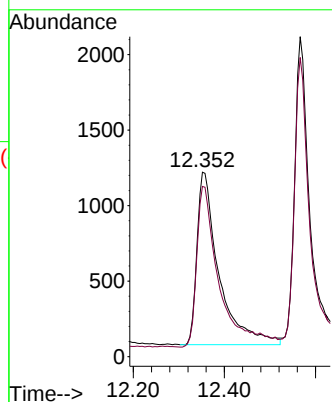
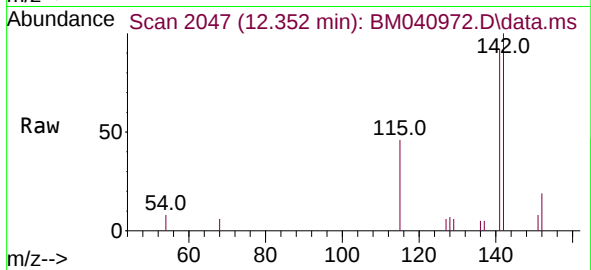




#7
2-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM040972.D
Acq: 20 Jul 2023 09:16

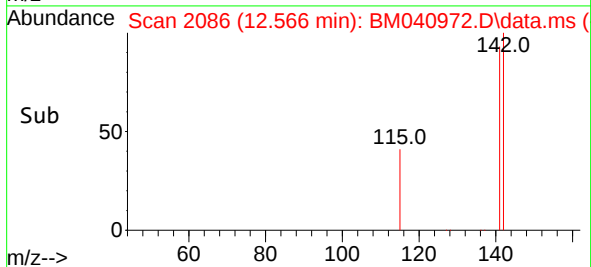
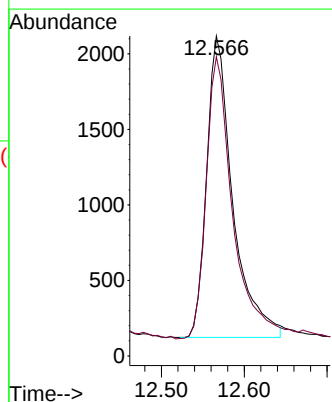
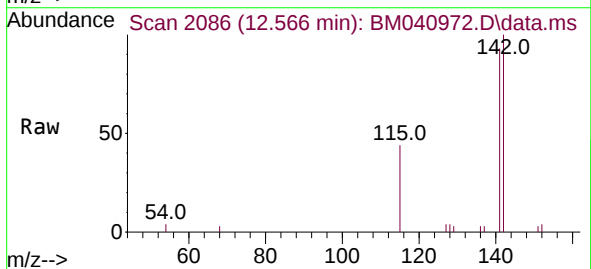
Instrument :
BNA_M
ClientSampleId :
SLCS045

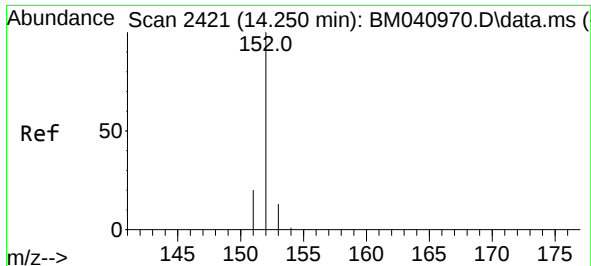
Tgt Ion:142 Resp: 3826
Ion Ratio Lower Upper
142 100
141 96.0 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BM040972.D
Acq: 20 Jul 2023 09:16

Tgt Ion:142 Resp: 4386
Ion Ratio Lower Upper
142 100
141 94.1 73.4 110.2

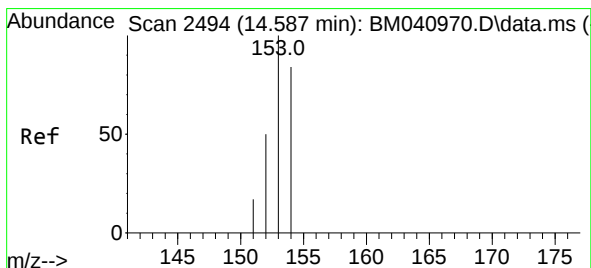
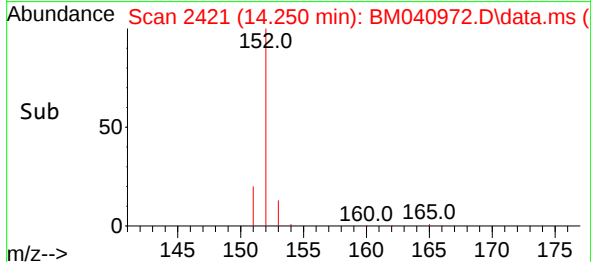
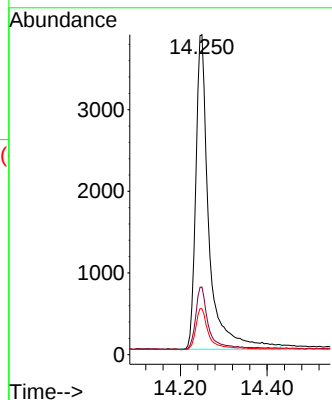
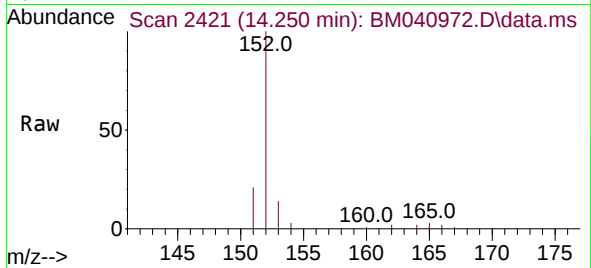




#10
Acenaphthylene
Concen: 0.305 ng/ul
RT: 14.250 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM040972.D
Acq: 20 Jul 2023 09:16

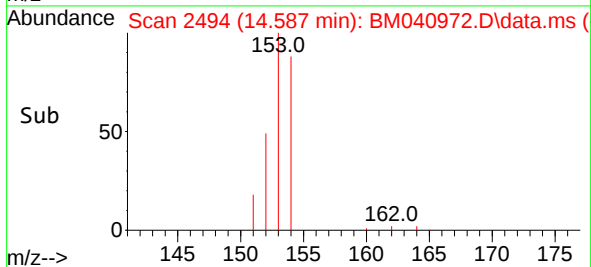
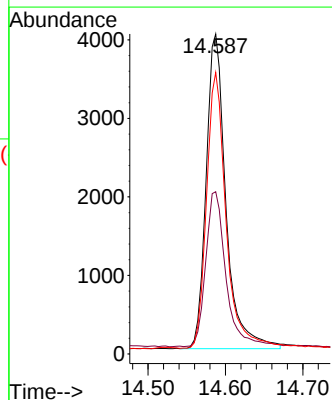
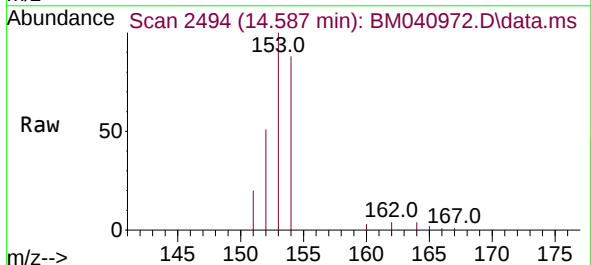
Instrument :
BNA_M
ClientSampleId :
SLCS045

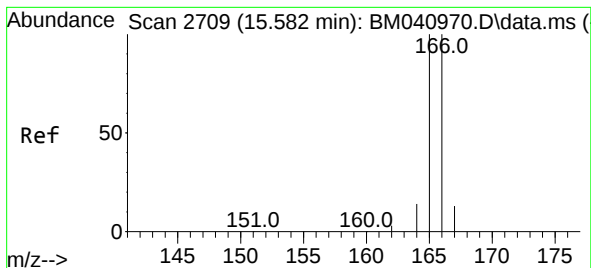
Tgt Ion:152 Resp: 8155
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2
153 14.3 11.6 17.4



#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.587 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BM040972.D
Acq: 20 Jul 2023 09:16

Tgt Ion:153 Resp: 7141
Ion Ratio Lower Upper
153 100
152 50.7 41.0 61.6
154 88.0 68.2 102.2





#12

Fluorene

Concen: 0.212 ng/ul

RT: 15.582 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM040972.D

Acq: 20 Jul 2023 09:16

Instrument :

BNA_M

ClientSampleId :

SLCS045

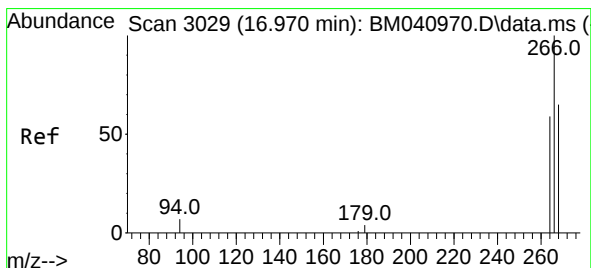
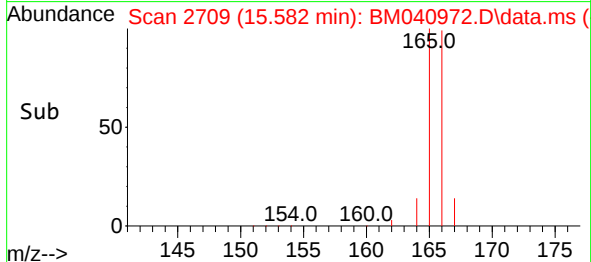
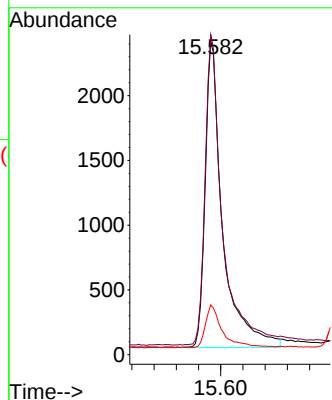
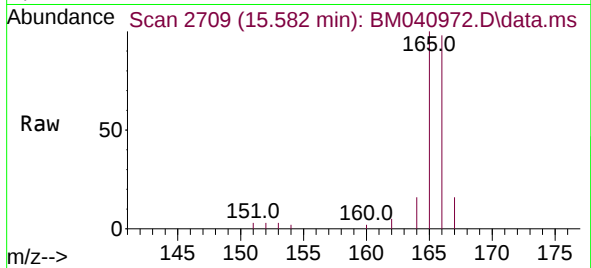
Tgt Ion:166 Resp: 5170

Ion Ratio Lower Upper

166 100

165 102.1 80.3 120.5

167 15.9 11.7 17.5



#14

Pentachlorophenol

Concen: 0.486 ng/ul

RT: 16.970 min Scan# 3029

Delta R.T. -0.004 min

Lab File: BM040972.D

Acq: 20 Jul 2023 09:16

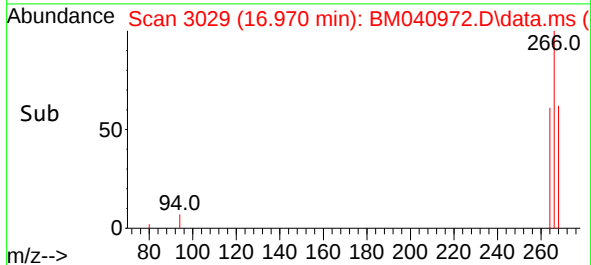
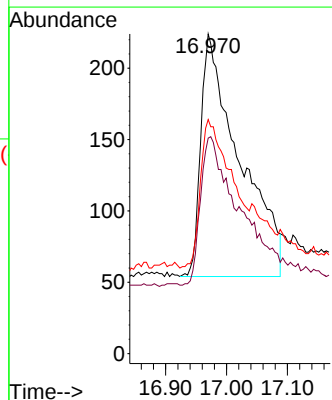
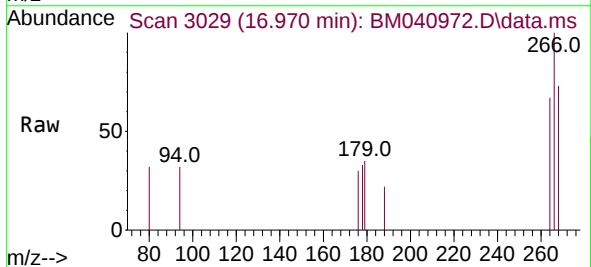
Tgt Ion:266 Resp: 748

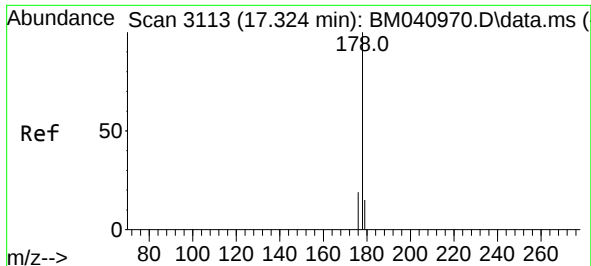
Ion Ratio Lower Upper

266 100

264 63.0 50.7 76.1

268 63.0 52.8 79.2

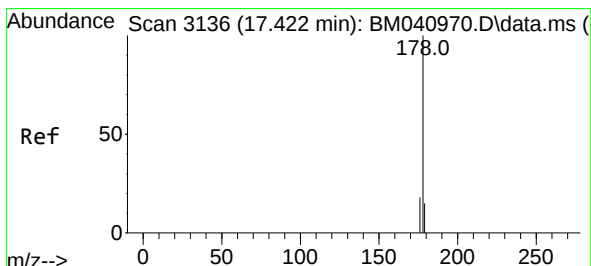
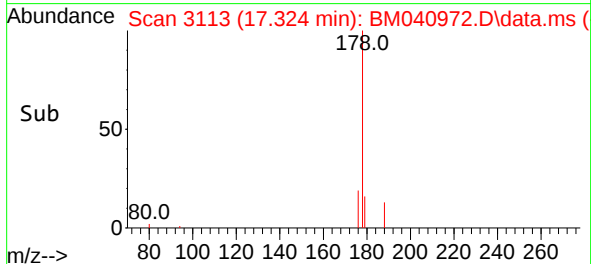
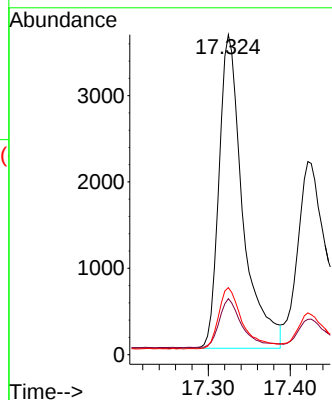
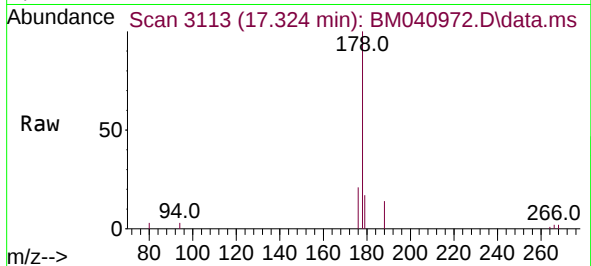




#15
Phenanthrene
Concen: 0.321 ng/u1
RT: 17.324 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM040972.D
Acq: 20 Jul 2023 09:16

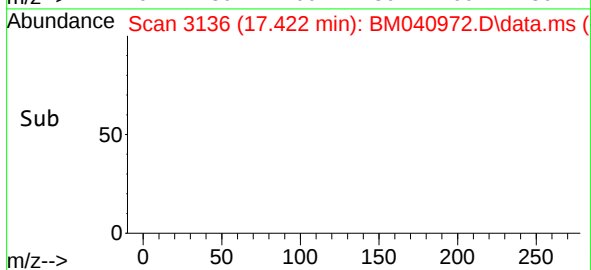
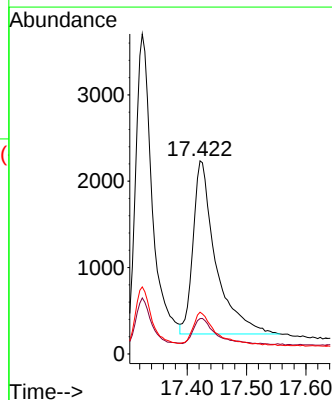
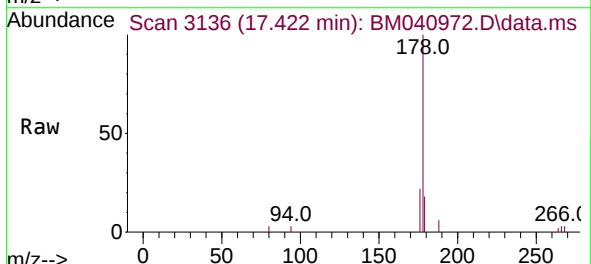
Instrument :
BNA_M
ClientSampleId :
SLCS045

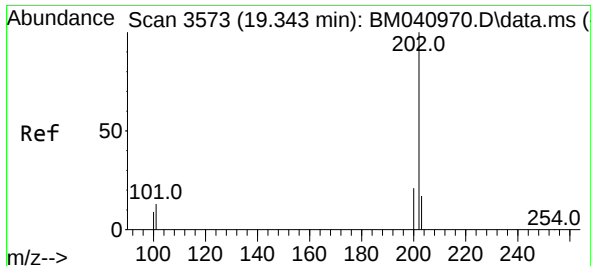
Tgt Ion:178 Resp: 7336
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.6
176 21.0 16.2 24.4



#16
Anthracene
Concen: 0.299 ng/u1
RT: 17.422 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM040972.D
Acq: 20 Jul 2023 09:16

Tgt Ion:178 Resp: 5315
Ion Ratio Lower Upper
178 100
179 18.3 13.7 20.5
176 21.6 16.4 24.6

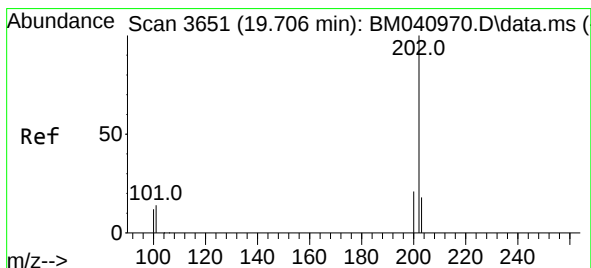
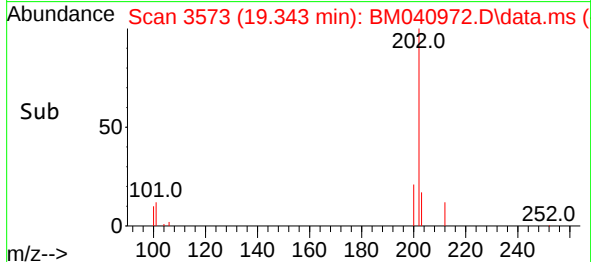
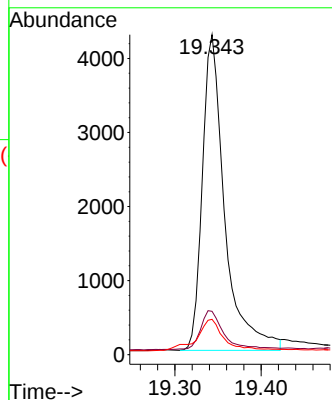
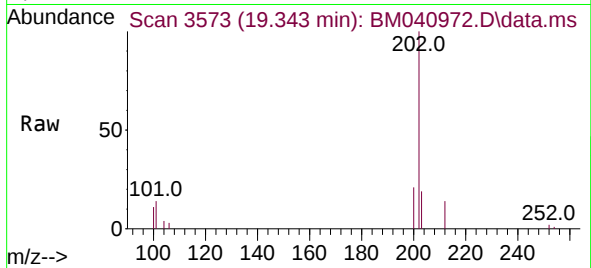




#19
Fluoranthene
Concen: 0.310 ng/ul
RT: 19.343 min Scan# 3573
Delta R.T. 0.000 min
Lab File: BM040972.D
Acq: 20 Jul 2023 09:16

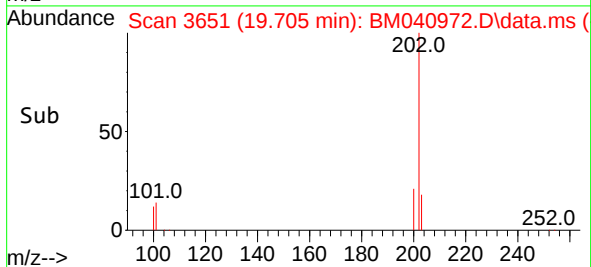
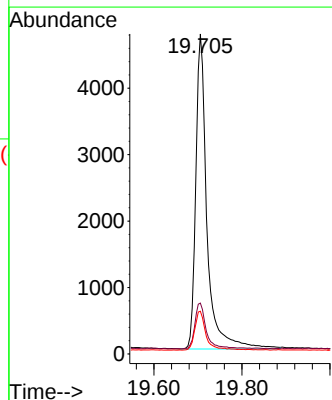
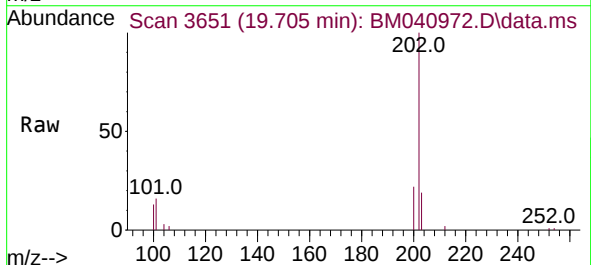
Instrument :
BNA_M
ClientSampleId :
SLCS045

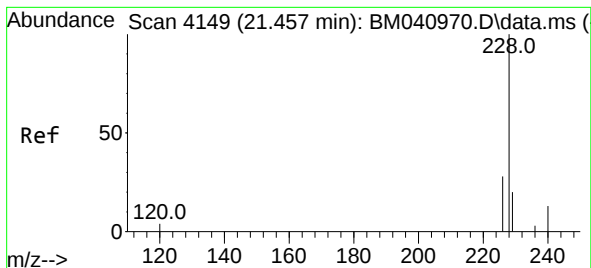
Tgt Ion:202 Resp: 7706
Ion Ratio Lower Upper
202 100
101 13.5 11.0 16.4
100 11.1 8.3 12.5



#20
Pyrene
Concen: 0.330 ng/ul
RT: 19.705 min Scan# 3651
Delta R.T. 0.000 min
Lab File: BM040972.D
Acq: 20 Jul 2023 09:16

Tgt Ion:202 Resp: 8400
Ion Ratio Lower Upper
202 100
101 15.9 12.5 18.7
100 13.3 10.0 15.0





#21

Benzo(a)anthracene

Concen: 0.305 ng/ul

RT: 21.457 min Scan# 4149

Delta R.T. 0.000 min

Lab File: BM040972.D

Acq: 20 Jul 2023 09:16

Instrument :

BNA_M

ClientSampleId :

SLCS045

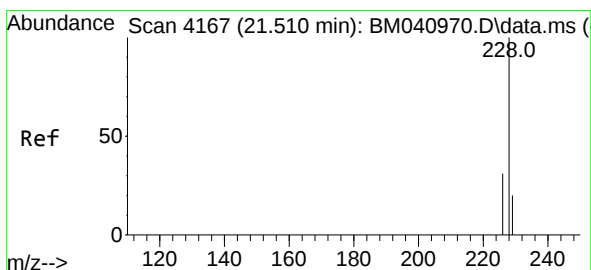
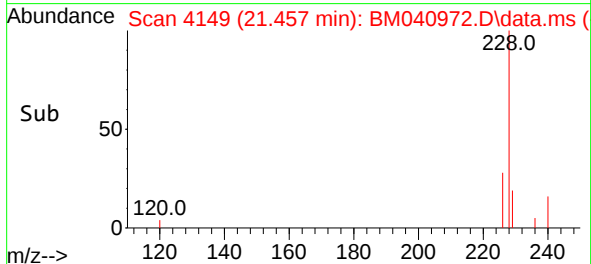
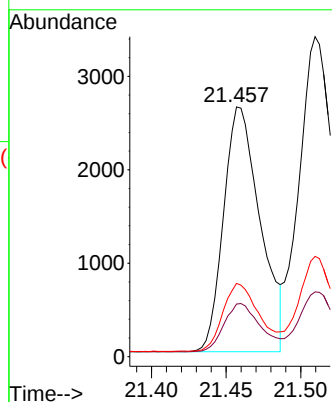
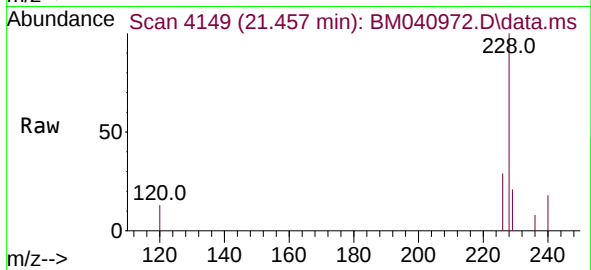
Tgt Ion:228 Resp: 4478

Ion Ratio Lower Upper

228 100

229 21.1 16.2 24.4

226 29.3 22.3 33.5



#22

Chrysene

Concen: 0.341 ng/ul

RT: 21.510 min Scan# 4167

Delta R.T. 0.003 min

Lab File: BM040972.D

Acq: 20 Jul 2023 09:16

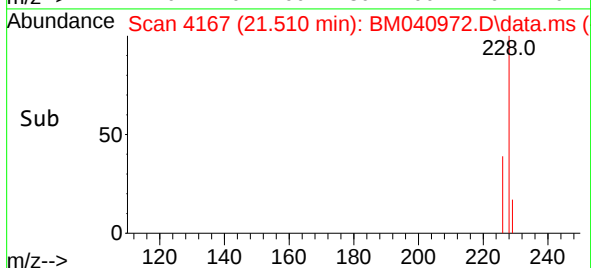
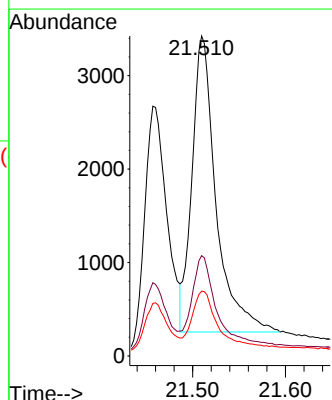
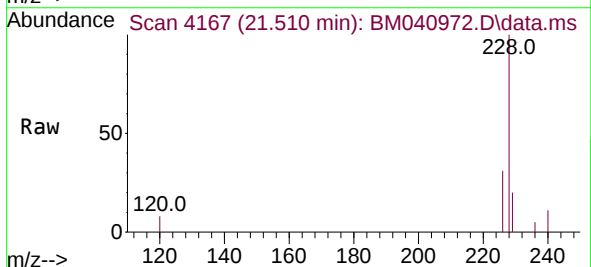
Tgt Ion:228 Resp: 5720

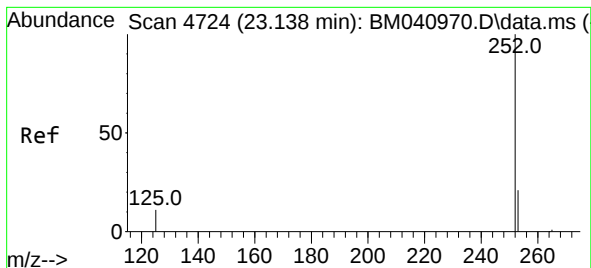
Ion Ratio Lower Upper

228 100

226 31.4 24.6 37.0

229 20.2 16.1 24.1





#24

Benzo(b)fluoranthene

Concen: 0.342 ng/ul

RT: 23.137 min Scan# 4724

Delta R.T. 0.003 min

Lab File: BM040972.D

Acq: 20 Jul 2023 09:16

Instrument :

BNA_M

ClientSampleId :

SLCS045

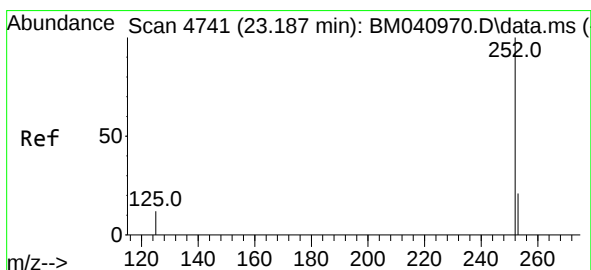
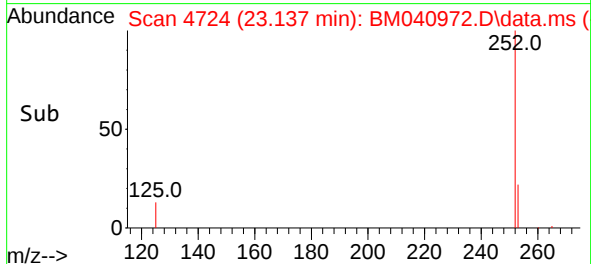
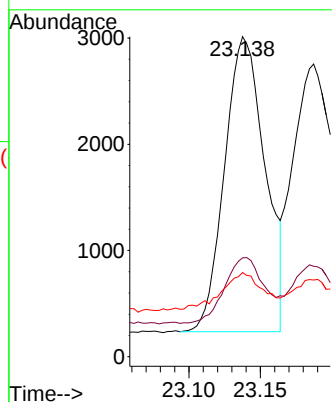
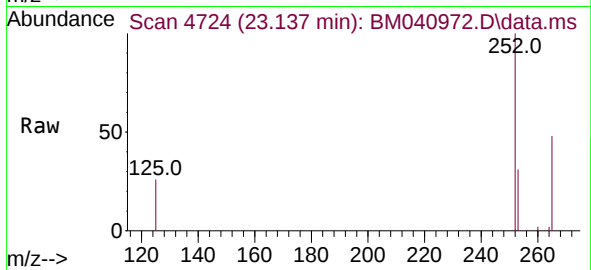
Tgt Ion:252 Resp: 5472

Ion Ratio Lower Upper

252 100

253 30.9 0.0 57.4

125 26.3 0.0 45.2



#25

Benzo(k)fluoranthene

Concen: 0.345 ng/ul

RT: 23.187 min Scan# 4741

Delta R.T. 0.000 min

Lab File: BM040972.D

Acq: 20 Jul 2023 09:16

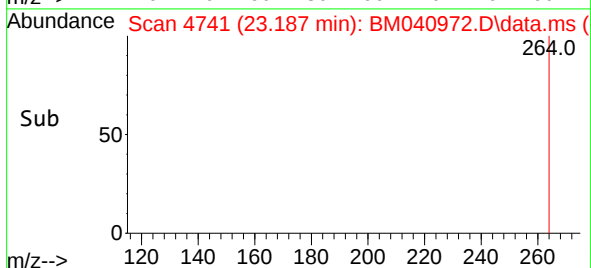
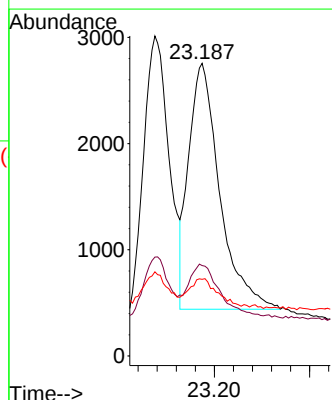
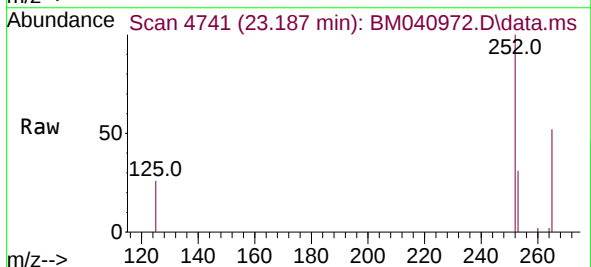
Tgt Ion:252 Resp: 5250

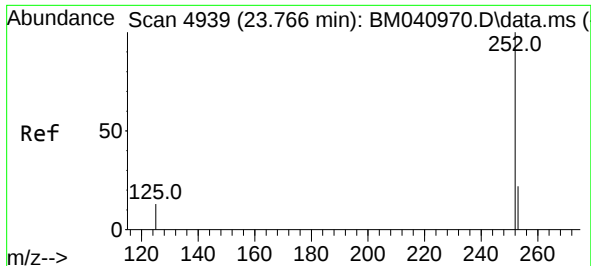
Ion Ratio Lower Upper

252 100

253 30.9 23.3 34.9

125 26.2 18.2 27.2

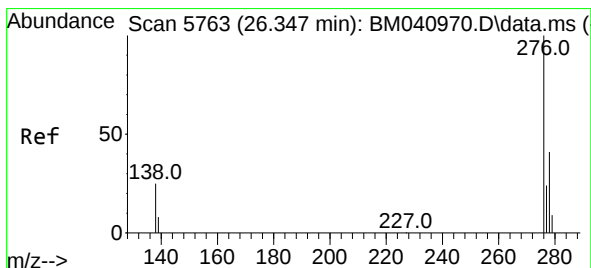
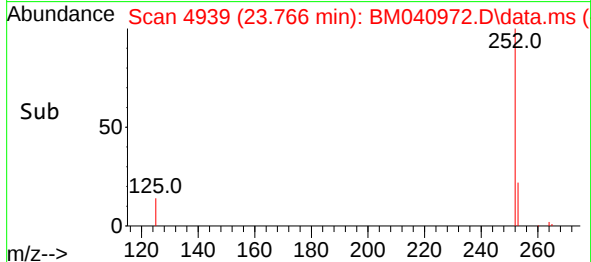
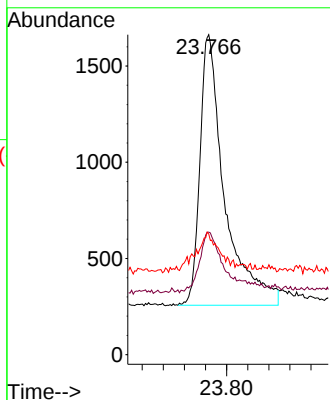
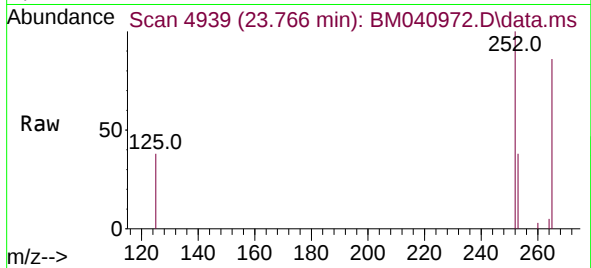




#26
Benzo(a)pyrene
Concen: 0.330 ng/ul
RT: 23.766 min Scan# 4939
Delta R.T. 0.003 min
Lab File: BM040972.D
Acq: 20 Jul 2023 09:16

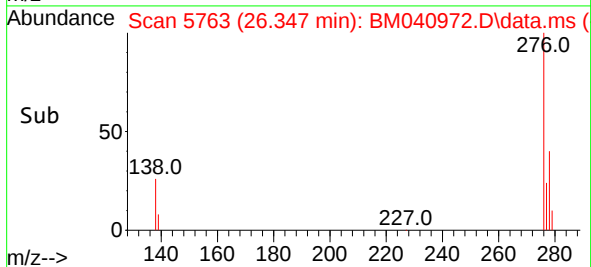
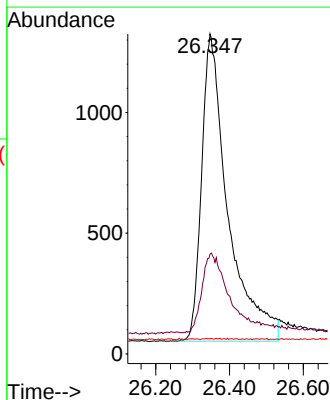
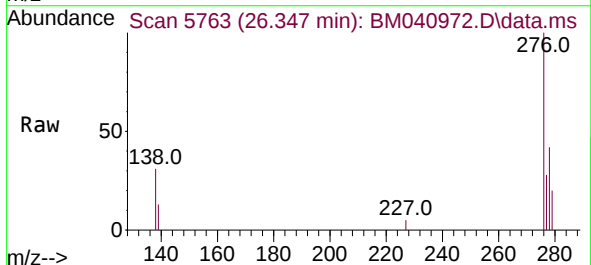
Instrument :
BNA_M
ClientSampleId :
SLCS045

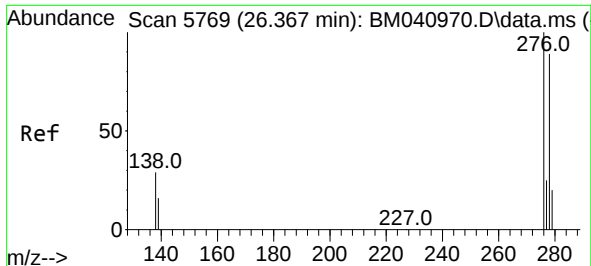
Tgt Ion:	252	Resp:	4554
Ion Ratio	Lower	Upper	
252	100		
253	38.3	28.2	42.2
125	37.7	25.2	37.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng/ul
RT: 26.347 min Scan# 5763
Delta R.T. -0.003 min
Lab File: BM040972.D
Acq: 20 Jul 2023 09:16

Tgt Ion:	276	Resp:	6304
Ion Ratio	Lower	Upper	
276	100		
138	27.9	22.3	33.5
227	0.1	0.0	0.0

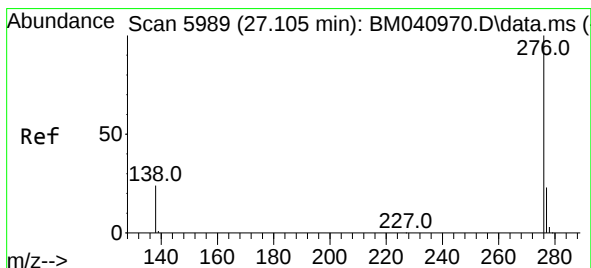
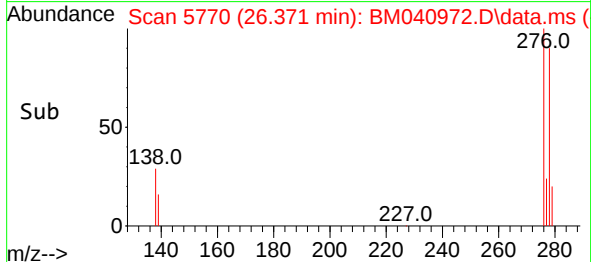
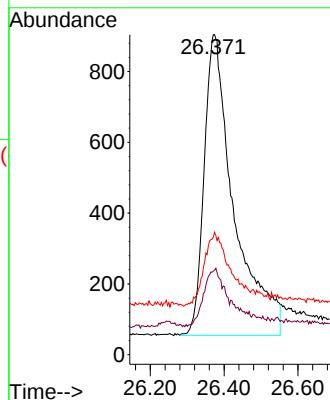
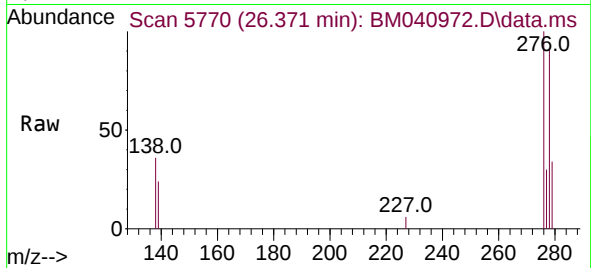




#28
 Dibenzo(a,h)anthracene
 Concen: 0.344 ng/ul
 RT: 26.371 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: BM040972.D
 Acq: 20 Jul 2023 09:16

Instrument :
 BNA_M
 ClientSampleId :
 SLCS045

Tgt Ion:278 Resp: 4772
 Ion Ratio Lower Upper
 278 100
 139 26.1 19.2 28.8
 279 36.7 27.0 40.6



#29
 Benzo(g,h,i)perylene
 Concen: 0.358 ng/ul
 RT: 27.109 min Scan# 5990
 Delta R.T. 0.007 min
 Lab File: BM040972.D
 Acq: 20 Jul 2023 09:16

Tgt Ion:276 Resp: 6067
 Ion Ratio Lower Upper
 276 100
 138 29.7 22.6 34.0
 277 27.2 21.2 31.8

