

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042218.D
 Acq On : 05 Oct 2023 15:53
 Operator : MA/JU
 Sample : PB155938BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS938

Quant Time: Oct 06 05:27:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:25:26 2023
 Response via : Initial Calibration

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

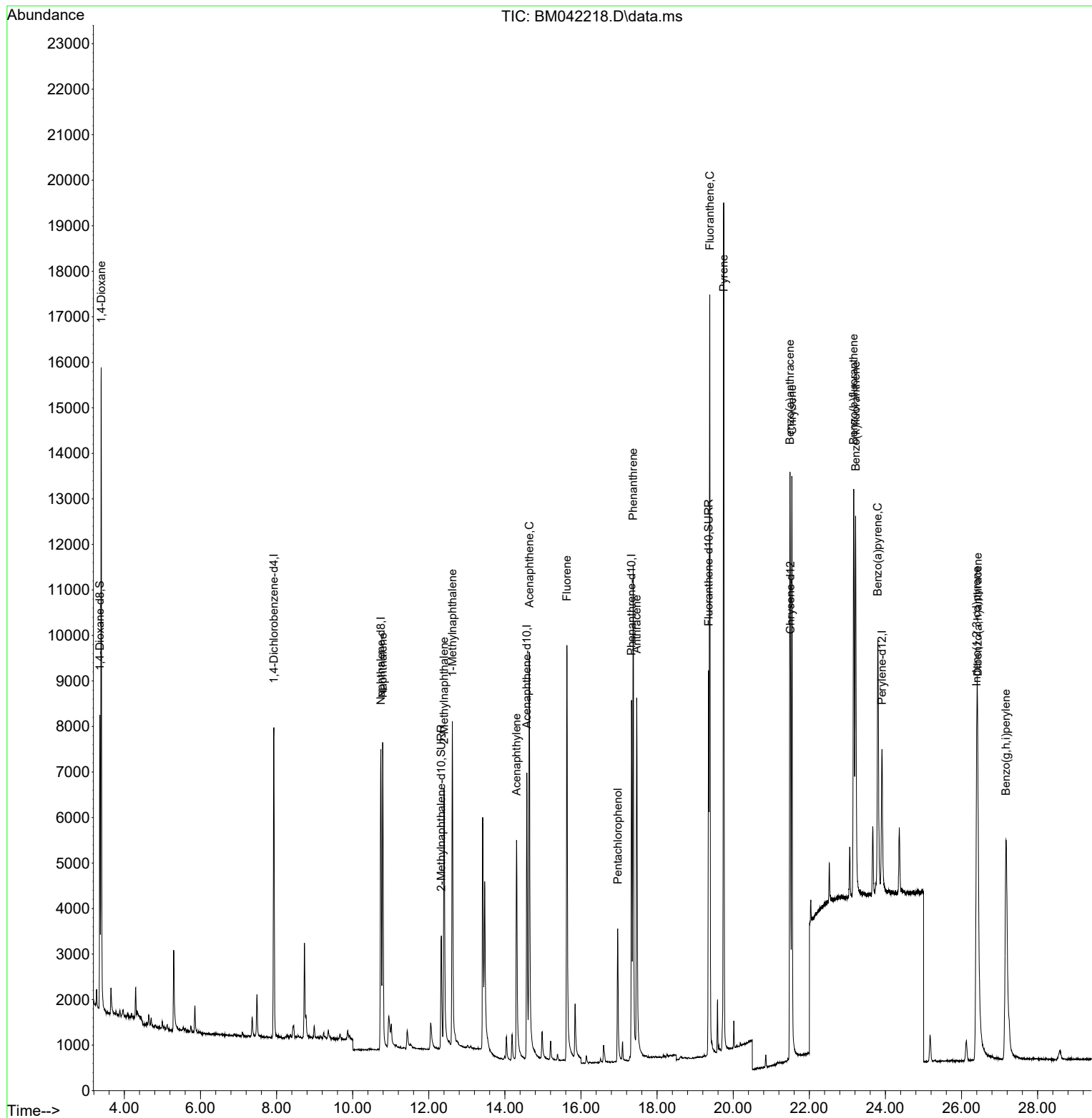
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3537	0.400	ng/ul	0.00
4) Naphthalene-d8	10.741	136	9519	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.578	164	3984	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	9105	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.507	240	4595	0.400	ng/ul	0.00
23) Perylene-d12	23.909	264	4648	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	3466	0.736	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	4288	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	7396	0.429	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	8239	1.675	ng/ul#	77
5) Naphthalene	10.790	128	9782	0.308	ng/ul	99
7) 2-Methylnaphthalene	12.401	142	5524	0.291	ng/ul	95
8) 1-Methylnaphthalene	12.621	142	5763	0.301	ng/ul	97
10) Acenaphthylene	14.305	152	7901	0.314	ng/ul	99
11) Acenaphthene	14.643	153	6423	0.337	ng/ul	99
12) Fluorene	15.628	166	7359	0.343	ng/ul	96
14) Pentachlorophenol	16.966	266	2338	0.566	ng/ul	99
15) Phenanthrene	17.371	178	12502	0.333	ng/ul	99
16) Anthracene	17.464	178	10484	0.305	ng/ul	99
19) Fluoranthene	19.385	202	14298	0.410	ng/ul	97
20) Pyrene	19.752	202	15551	0.419	ng/ul	97
21) Benzo(a)anthracene	21.489	228	10980	0.370	ng/ul	99
22) Chrysene	21.545	228	11745	0.407	ng/ul	100
24) Benzo(b)fluoranthene	23.167	252	12203	0.445	ng/ul	98
25) Benzo(k)fluoranthene	23.217	252	11791	0.437	ng/ul	98
26) Benzo(a)pyrene	23.798	252	9997	0.423	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.398	276	13938	0.416	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.424	278	10287	0.407	ng/ul	94
29) Benzo(g,h,i)perylene	27.169	276	12476	0.446	ng/ul	95

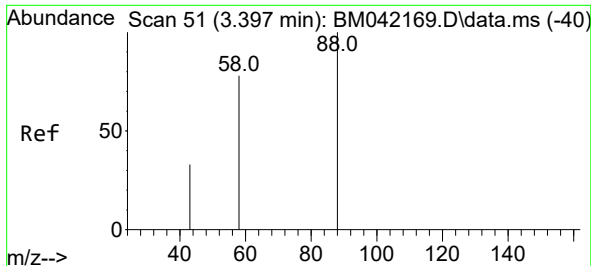
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042218.D
Acq On : 05 Oct 2023 15:53
Operator : MA/JU
Sample : PB155938BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS938

Quant Time: Oct 06 05:27:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:25:26 2023
Response via : Initial Calibration

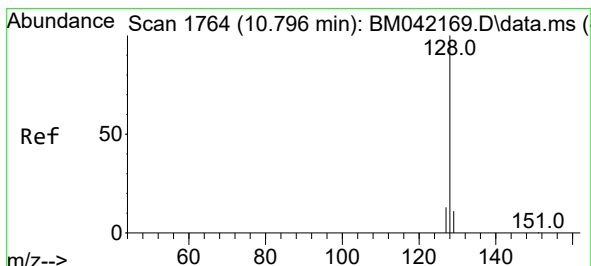
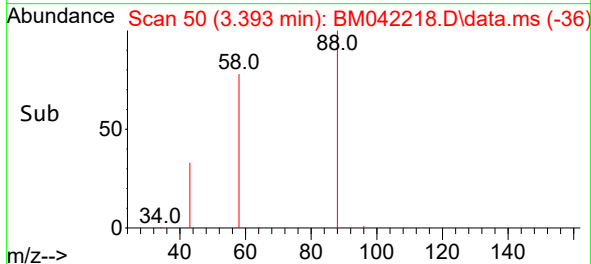
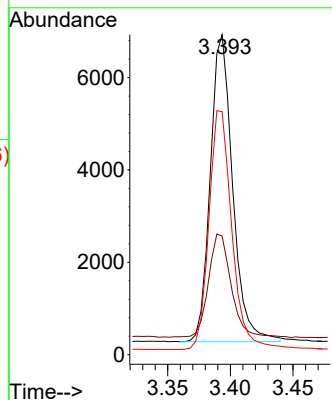
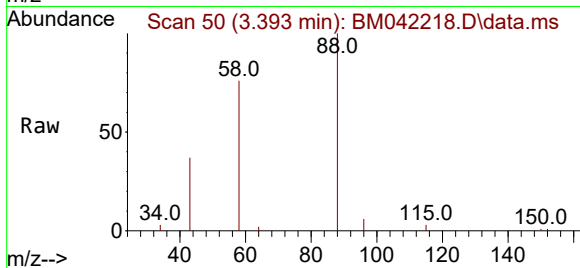




#2
1,4-Dioxane
Concen: 1.675 ng/ul
RT: 3.393 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM042218.D
Acq: 05 Oct 2023 15:53

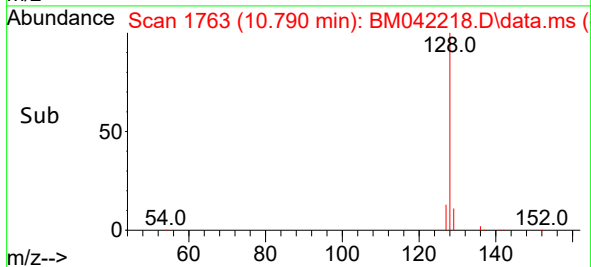
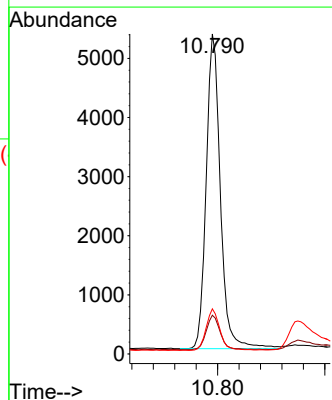
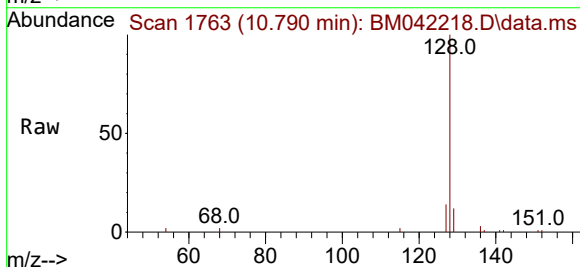
Instrument :
BNA_M
ClientSampleId :
SLCS938

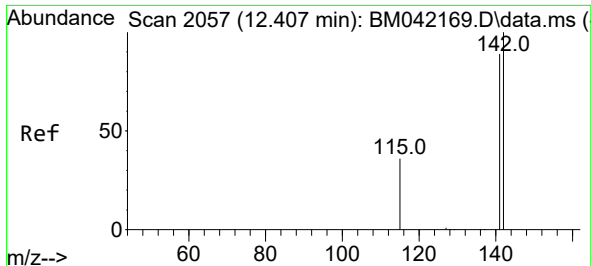
Tgt Ion: 88 Resp: 8239
Ion Ratio Lower Upper
88 100
43 37.1 52.1 78.1#
58 76.0 53.8 80.6



#5
Naphthalene
Concen: 0.308 ng/ul
RT: 10.790 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BM042218.D
Acq: 05 Oct 2023 15:53

Tgt Ion: 128 Resp: 9782
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.2
127 14.1 11.0 16.4

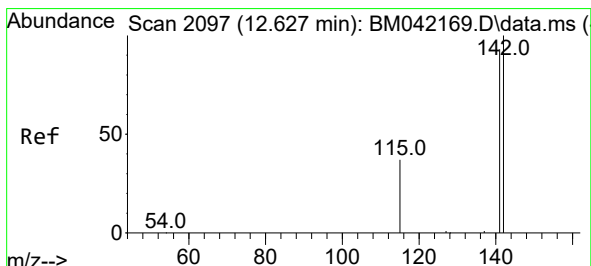
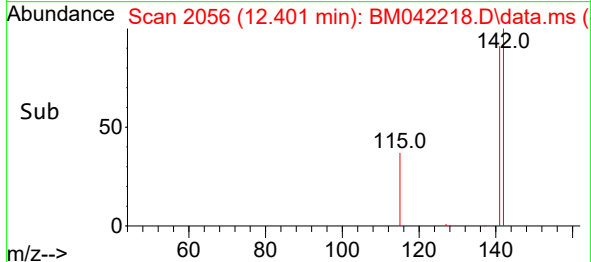
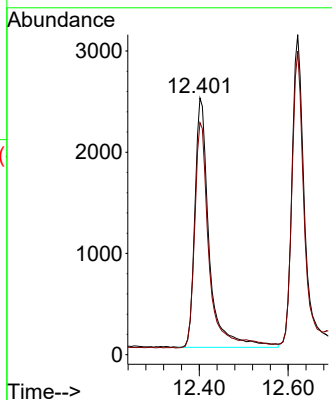
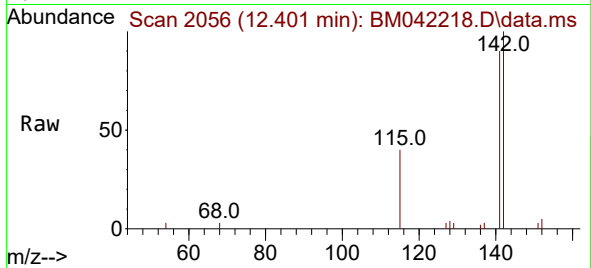




#7
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.401 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BM042218.D
Acq: 05 Oct 2023 15:53

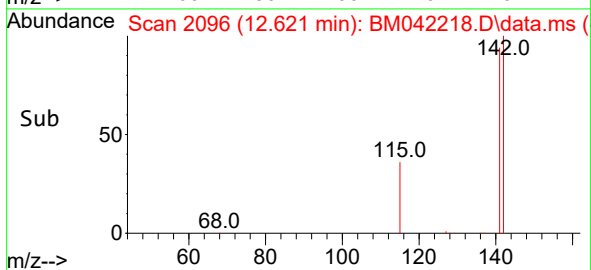
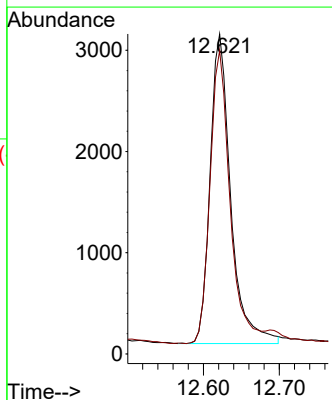
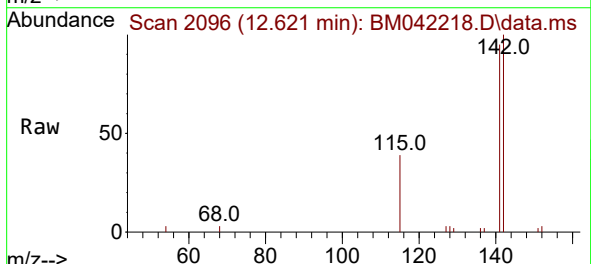
Instrument :
BNA_M
ClientSampleId :
SLCS938

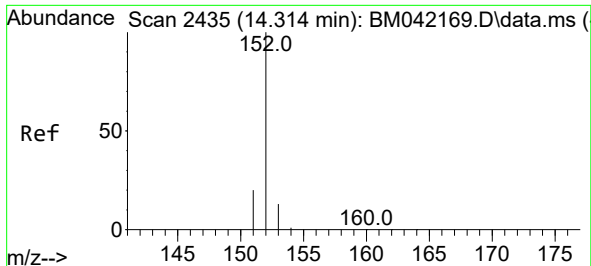
Tgt Ion:142 Resp: 5524
Ion Ratio Lower Upper
142 100
141 92.4 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM042218.D
Acq: 05 Oct 2023 15:53

Tgt Ion:142 Resp: 5763
Ion Ratio Lower Upper
142 100
141 94.7 73.5 110.3

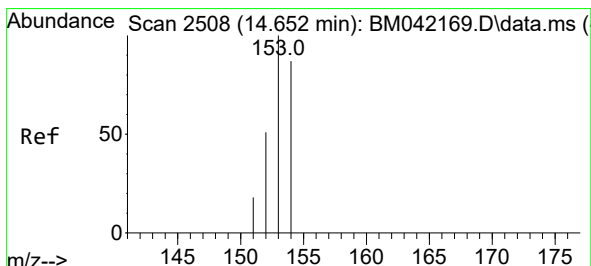
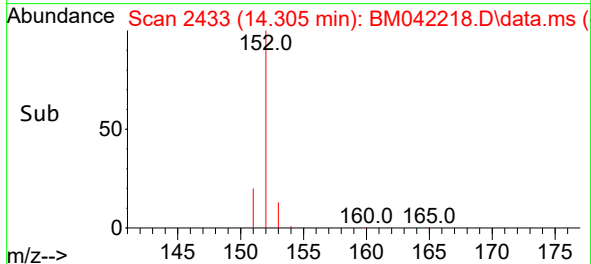
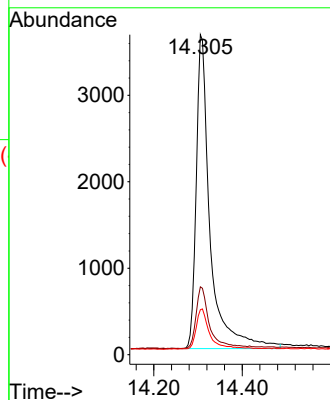
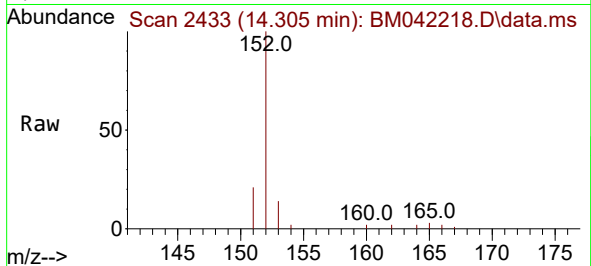




#10
Acenaphthylene
Concen: 0.314 ng/ul
RT: 14.305 min Scan# 2433
Delta R.T. -0.009 min
Lab File: BM042218.D
Acq: 05 Oct 2023 15:53

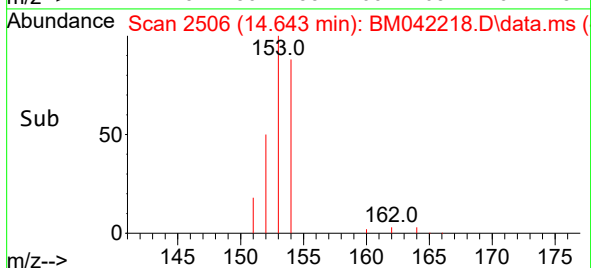
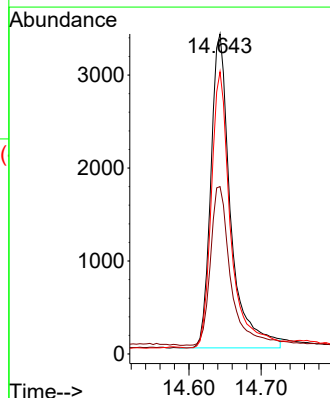
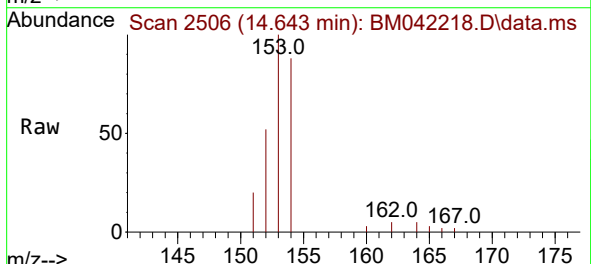
Instrument :
BNA_M
ClientSampleId :
SLCS938

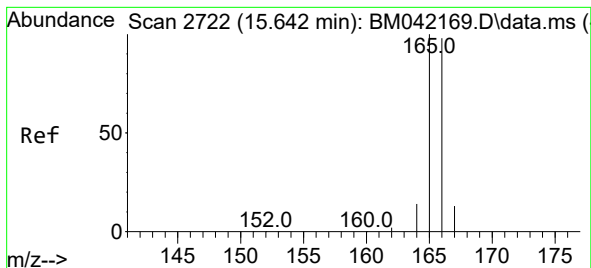
Tgt Ion:152 Resp: 7901
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 14.1 10.9 16.3



#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.643 min Scan# 2506
Delta R.T. -0.004 min
Lab File: BM042218.D
Acq: 05 Oct 2023 15:53

Tgt Ion:153 Resp: 6423
Ion Ratio Lower Upper
153 100
152 52.3 41.1 61.7
154 88.2 69.5 104.3





#12

Fluorene

Concen: 0.343 ng/ul

RT: 15.628 min Scan# 21

Delta R.T. -0.009 min

Lab File: BM042218.D

Acq: 05 Oct 2023 15:53

Instrument :

BNA_M

ClientSampleId :

SLCS938

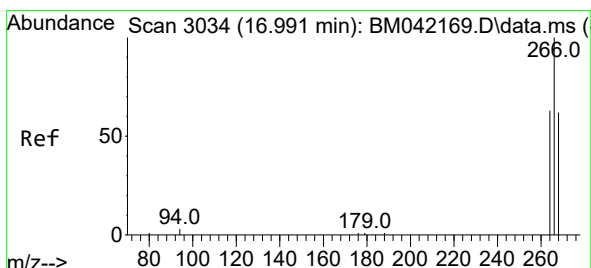
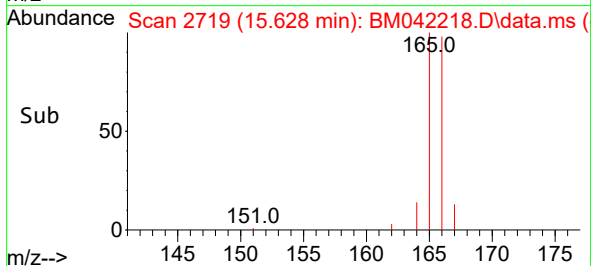
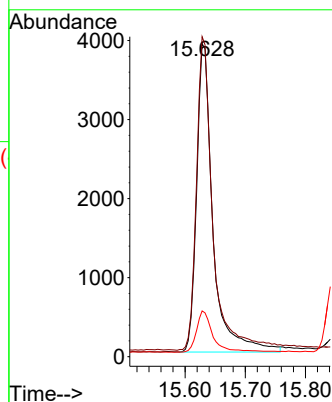
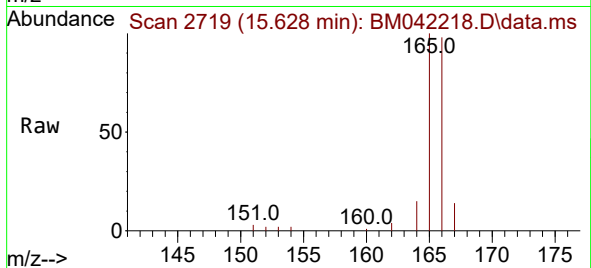
Tgt Ion:166 Resp: 7359

Ion Ratio Lower Upper

166 100

165 102.2 78.4 117.6

167 14.6 11.5 17.3



#14

Pentachlorophenol

Concen: 0.566 ng/ul

RT: 16.966 min Scan# 3028

Delta R.T. -0.008 min

Lab File: BM042218.D

Acq: 05 Oct 2023 15:53

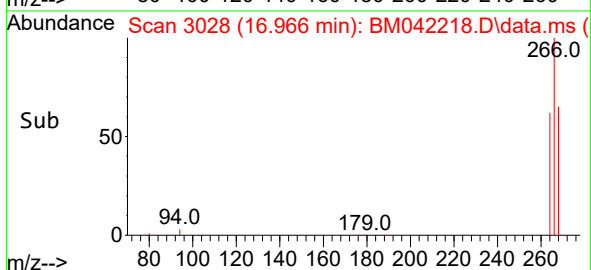
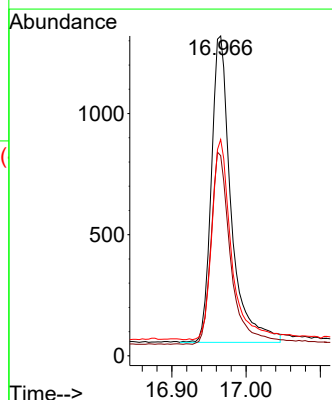
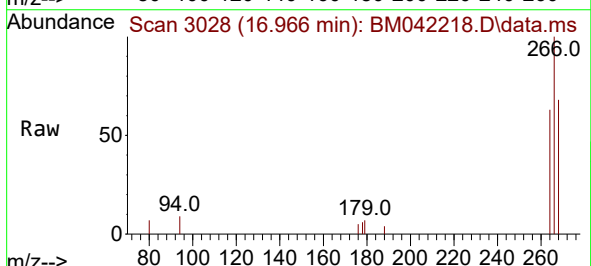
Tgt Ion:266 Resp: 2338

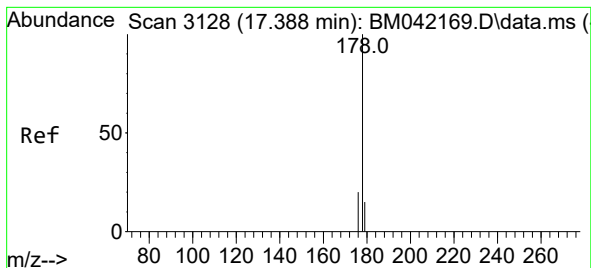
Ion Ratio Lower Upper

266 100

264 62.4 51.1 76.7

268 64.5 52.1 78.1





#15

Phenanthrene

Concen: 0.333 ng/ul

RT: 17.371 min Scan# 3124

Delta R.T. -0.008 min

Lab File: BM042218.D

Acq: 05 Oct 2023 15:53

Instrument :

BNA_M

ClientSampleId :

SLCS938

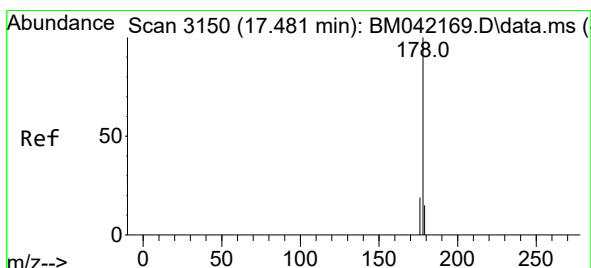
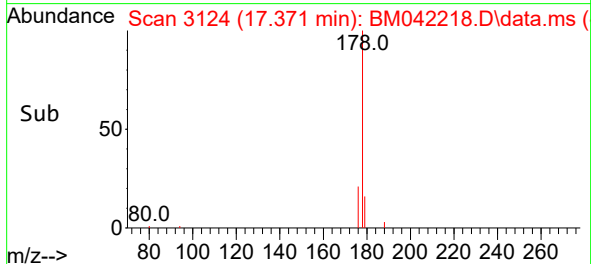
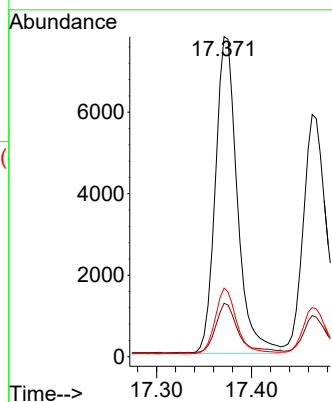
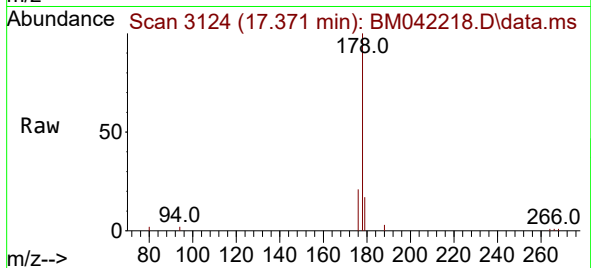
Tgt Ion:178 Resp: 12502

Ion Ratio Lower Upper

178 100

179 16.7 13.0 19.4

176 21.4 16.8 25.2



#16

Anthracene

Concen: 0.305 ng/ul

RT: 17.464 min Scan# 3146

Delta R.T. -0.012 min

Lab File: BM042218.D

Acq: 05 Oct 2023 15:53

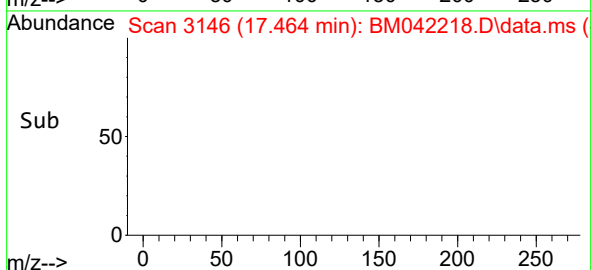
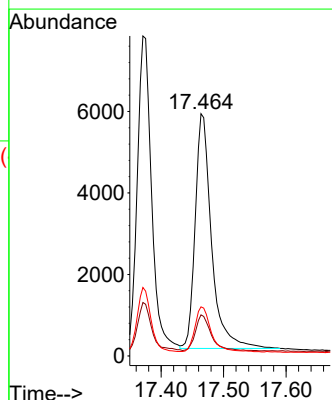
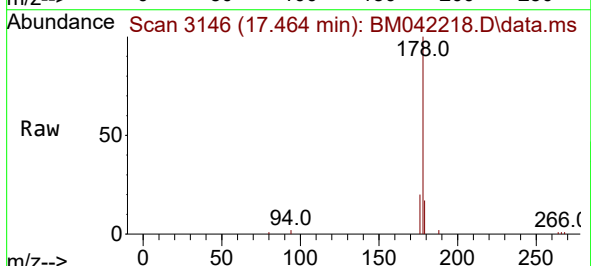
Tgt Ion:178 Resp: 10484

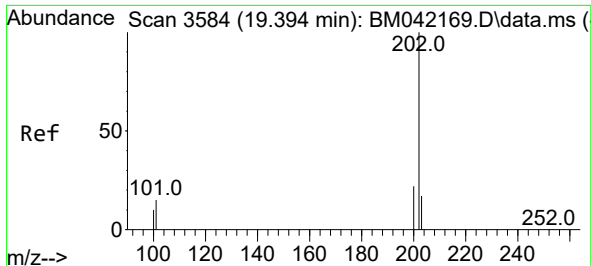
Ion Ratio Lower Upper

178 100

179 16.9 12.9 19.3

176 20.3 16.3 24.5

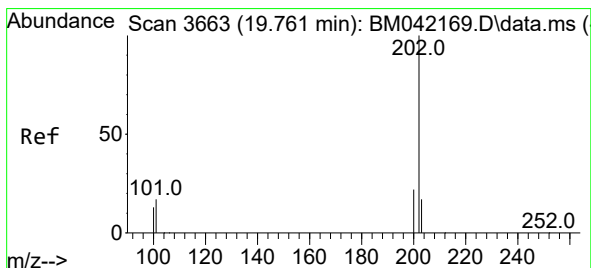
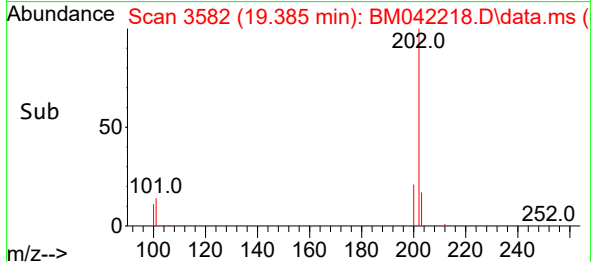
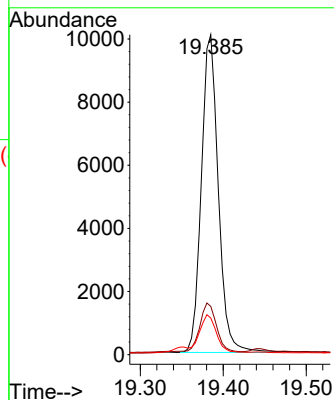
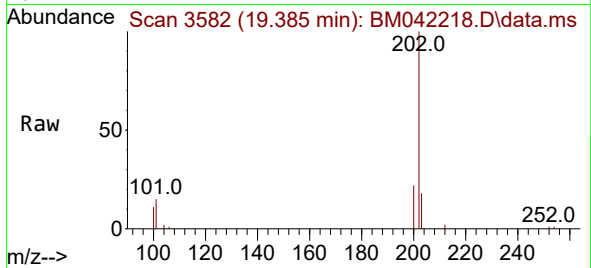




#19
Fluoranthene
Concen: 0.410 ng/ul
RT: 19.385 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM042218.D
Acq: 05 Oct 2023 15:53

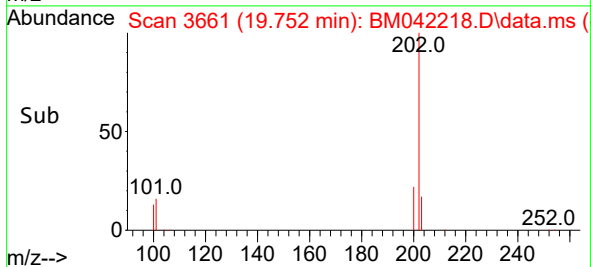
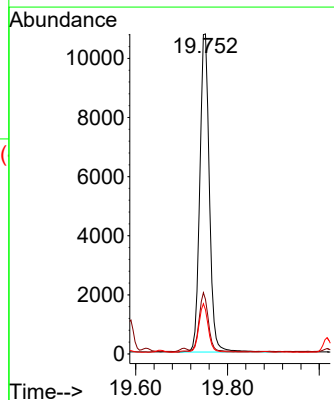
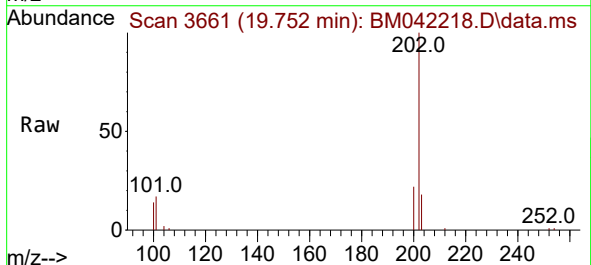
Instrument :
BNA_M
ClientSampleId :
SLCS938

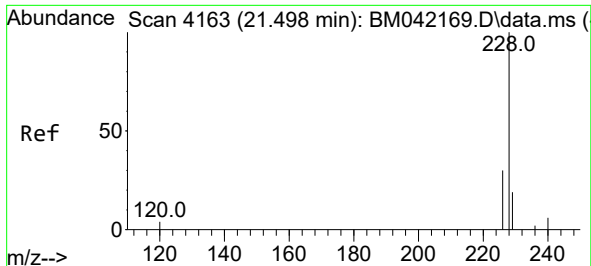
Tgt Ion:202 Resp: 14298
Ion Ratio Lower Upper
202 100
101 15.1 11.1 16.7
100 11.4 8.2 12.2



#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.752 min Scan# 3661
Delta R.T. 0.000 min
Lab File: BM042218.D
Acq: 05 Oct 2023 15:53

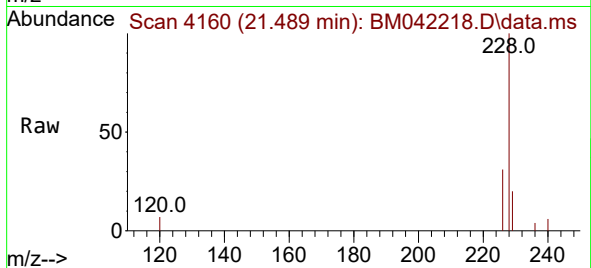
Tgt Ion:202 Resp: 15551
Ion Ratio Lower Upper
202 100
101 17.0 12.7 19.1
100 13.8 9.9 14.9



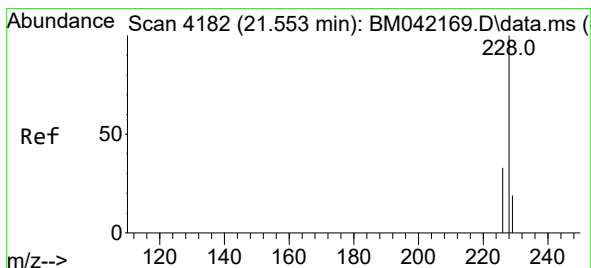
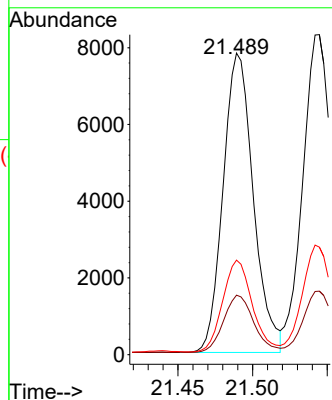
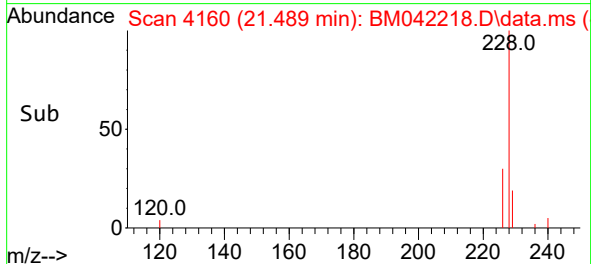


#21
Benzo(a)anthracene
Concen: 0.370 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. -0.003 min
Lab File: BM042218.D
Acq: 05 Oct 2023 15:53

Instrument :
BNA_M
ClientSampleId :
SLCS938

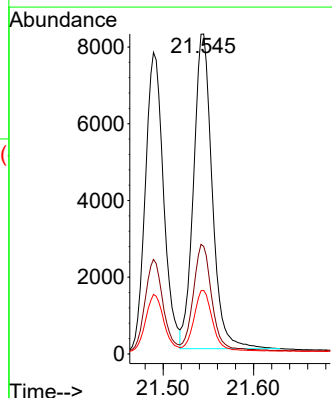
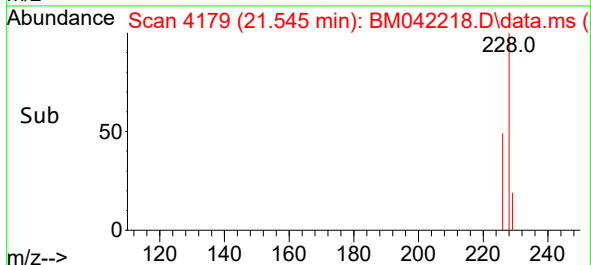
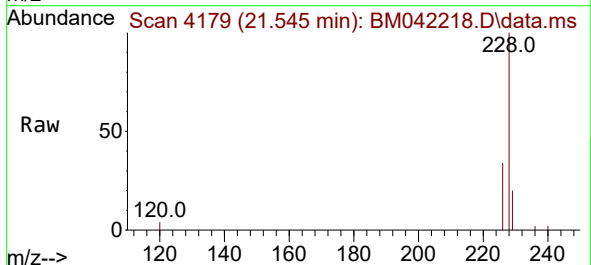


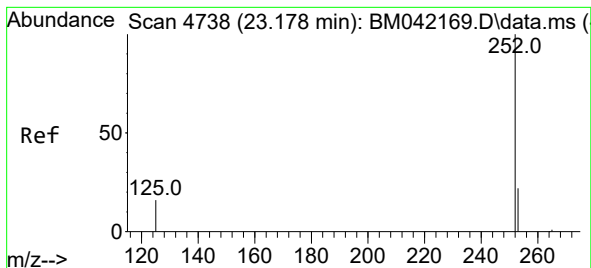
Tgt Ion:228 Resp: 10980
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 31.3 24.6 37.0



#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.545 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BM042218.D
Acq: 05 Oct 2023 15:53

Tgt Ion:228 Resp: 11745
Ion Ratio Lower Upper
228 100
226 33.6 26.7 40.1
229 19.9 15.8 23.8





#24

Benzo(b)fluoranthene

Concen: 0.445 ng/ul

RT: 23.167 min Scan# 4734

Delta R.T. -0.003 min

Lab File: BM042218.D

Acq: 05 Oct 2023 15:53

Instrument :

BNA_M

ClientSampleId :

SLCS938

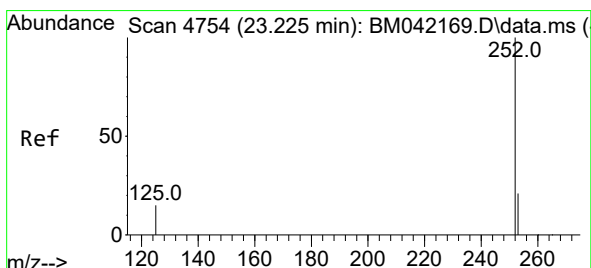
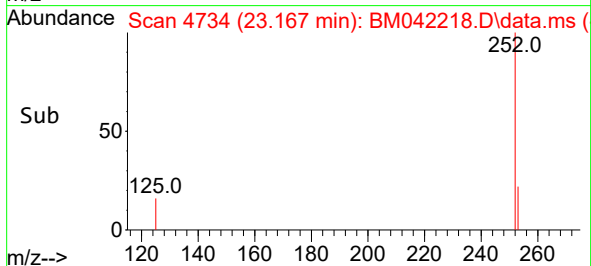
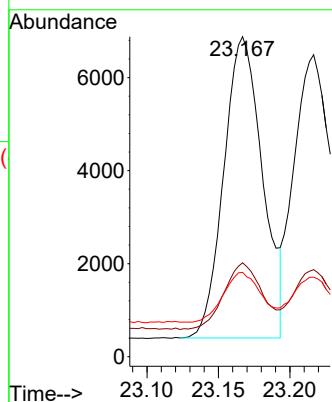
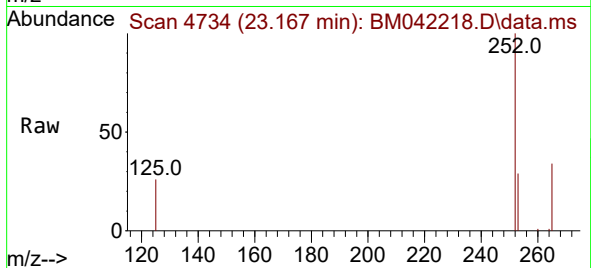
Tgt Ion:252 Resp: 12203

Ion Ratio Lower Upper

252 100

253 29.4 0.0 59.0

125 26.4 0.0 49.6



#25

Benzo(k)fluoranthene

Concen: 0.437 ng/ul

RT: 23.217 min Scan# 4751

Delta R.T. -0.003 min

Lab File: BM042218.D

Acq: 05 Oct 2023 15:53

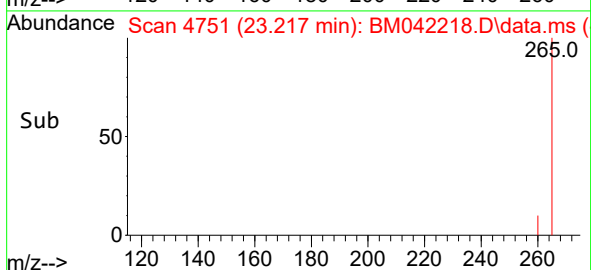
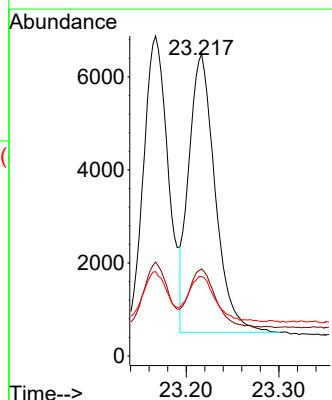
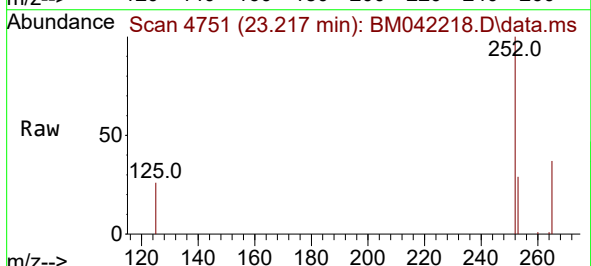
Tgt Ion:252 Resp: 11791

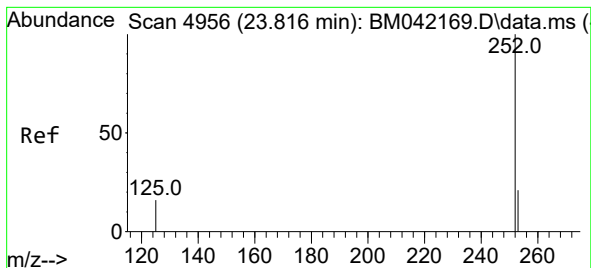
Ion Ratio Lower Upper

252 100

253 28.8 23.4 35.0

125 26.3 19.9 29.9





#26

Benzo(a)pyrene

Concen: 0.423 ng/ul

RT: 23.798 min Scan# 4956

Delta R.T. -0.009 min

Lab File: BM042218.D

Acq: 05 Oct 2023 15:53

Instrument :

BNA_M

ClientSampleId :

SLCS938

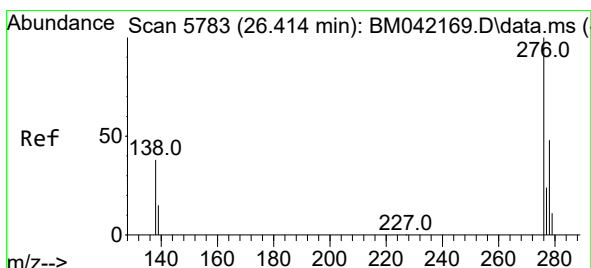
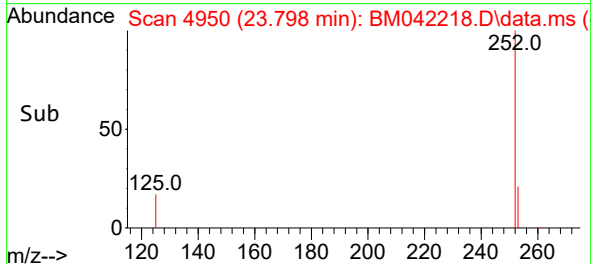
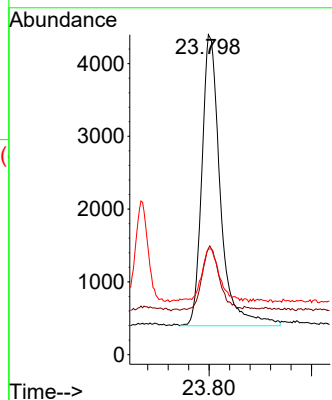
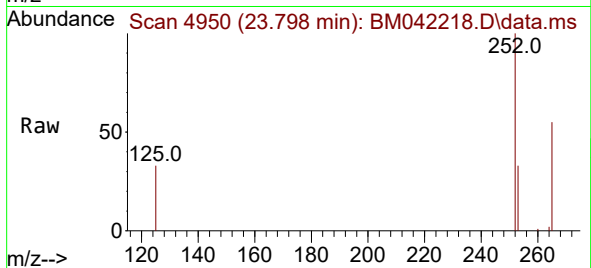
Tgt Ion:252 Resp: 9997

Ion Ratio Lower Upper

252 100

253 33.2 25.3 37.9

125 33.0 23.2 34.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.416 ng/ul

RT: 26.398 min Scan# 5778

Delta R.T. -0.006 min

Lab File: BM042218.D

Acq: 05 Oct 2023 15:53

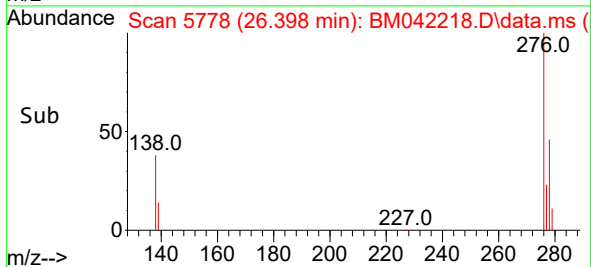
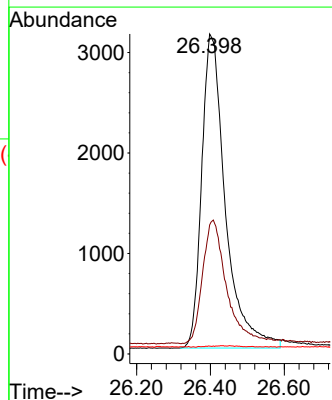
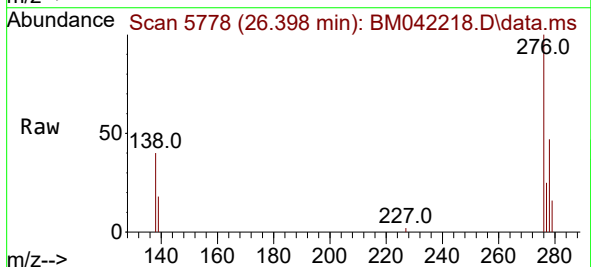
Tgt Ion:276 Resp: 13938

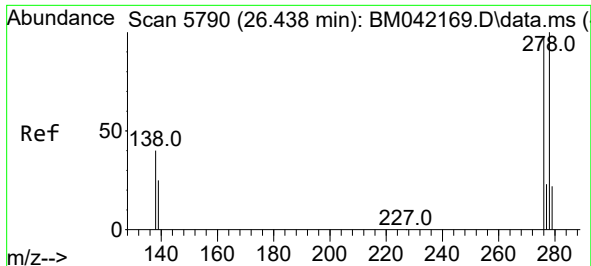
Ion Ratio Lower Upper

276 100

138 40.2 26.7 40.1#

227 0.1 0.2 0.2#

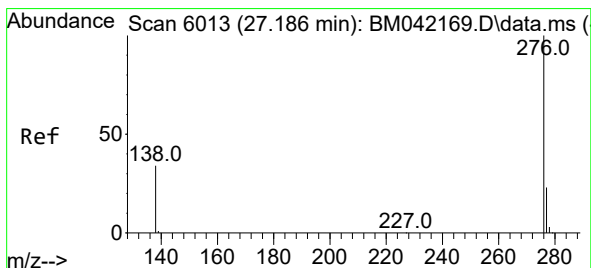
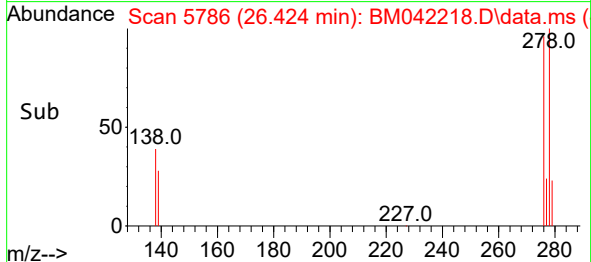
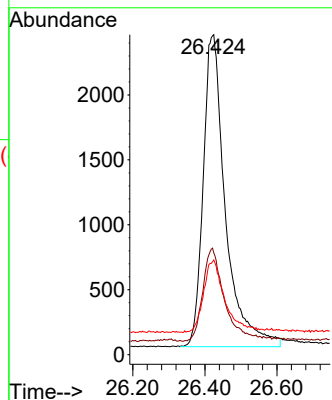
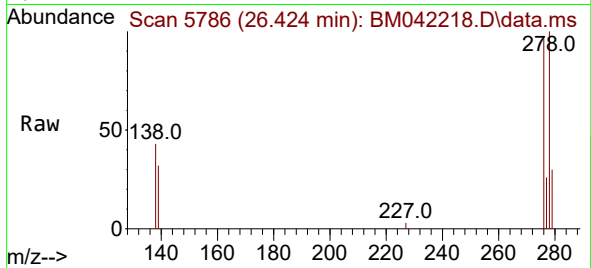




#28
Dibenzo(a,h)anthracene
Concen: 0.407 ng/ul
RT: 26.424 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM042218.D
Acq: 05 Oct 2023 15:53

Instrument :
BNA_M
ClientSampleId :
SLCS938

Tgt Ion:278 Resp: 10287
Ion Ratio Lower Upper
278 100
139 31.8 21.7 32.5
279 29.6 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 27.169 min Scan# 6008
Delta R.T. -0.006 min
Lab File: BM042218.D
Acq: 05 Oct 2023 15:53

Tgt Ion:276 Resp: 12476
Ion Ratio Lower Upper
276 100
138 38.8 26.8 40.2
277 25.1 20.1 30.1

