

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044209.D
 Acq On : 20 Feb 2024 16:44
 Operator : MA/JU
 Sample : PB158870BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS870

Quant Time: Feb 20 17:16:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

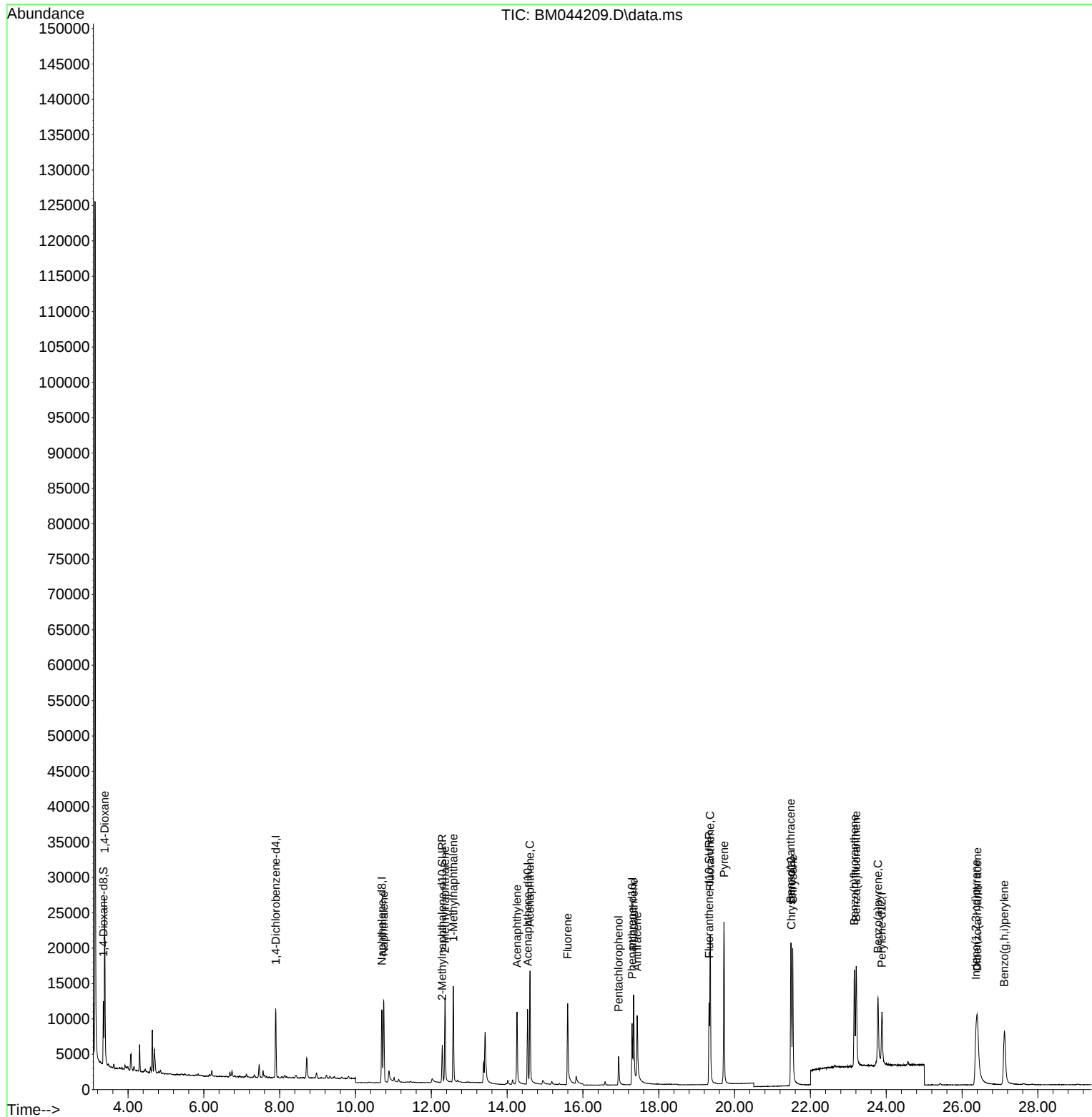
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	5154	0.400	ng/ul	0.00
4) Naphthalene-d8	10.693	136	14643	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.543	164	6417	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	13142	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	10403	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	11786	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5529	0.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7663	0.374	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	13819	0.445	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	14920	2.045	ng/ul#	78
5) Naphthalene	10.743	128	16635	0.382	ng/ul	99
7) 2-Methylnaphthalene	12.360	142	9628	0.359	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	9882	0.364	ng/ul	100
10) Acenaphthylene	14.260	152	14125	0.401	ng/ul	99
11) Acenaphthene	14.603	153	10015	0.392	ng/ul	99
12) Fluorene	15.597	166	10459	0.363	ng/ul	98
14) Pentachlorophenol	16.942	266	3619	0.769	ng/ul	98
15) Phenanthrene	17.338	178	16289	0.391	ng/ul	100
16) Anthracene	17.431	178	16998	0.412	ng/ul	99
19) Fluoranthene	19.359	202	20400	0.430	ng/ul	99
20) Pyrene	19.721	202	21253	0.426	ng/ul	98
21) Benzo(a)anthracene	21.482	228	17593	0.369	ng/ul	100
22) Chrysene	21.535	228	20895	0.407	ng/ul	99
24) Benzo(b)fluoranthene	23.160	252	19557	0.402	ng/ul	95
25) Benzo(k)fluoranthene	23.209	252	21886	0.415	ng/ul	96
26) Benzo(a)pyrene	23.783	252	17975	0.398	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.370	276	22381	0.389	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.403	278	17734	0.391	ng/ul	97
29) Benzo(g,h,i)perylene	27.118	276	19863	0.390	ng/ul	98

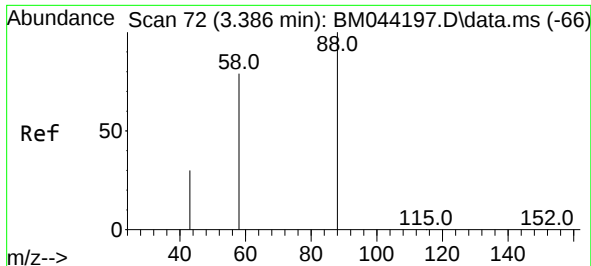
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044209.D
Acq On : 20 Feb 2024 16:44
Operator : MA/JU
Sample : PB158870BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS870

Quant Time: Feb 20 17:16:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

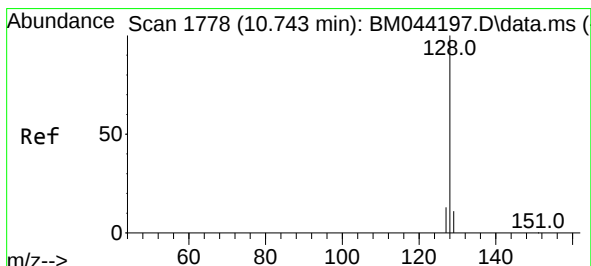
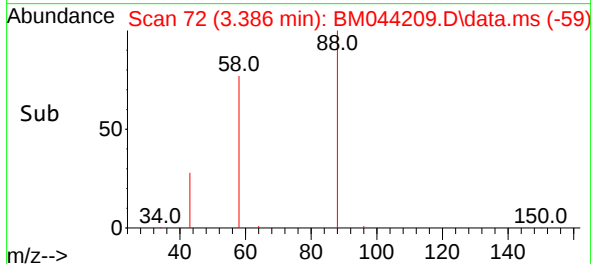
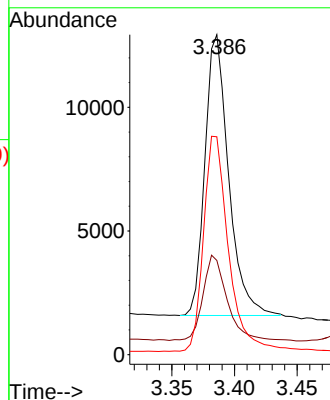
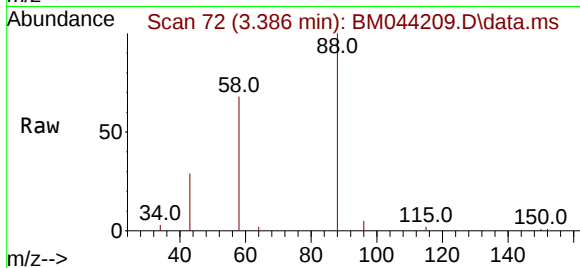




#2
1,4-Dioxane
Concen: 2.045 ng/ul
RT: 3.386 min Scan# 72
Delta R.T. -0.004 min
Lab File: BM044209.D
Acq: 20 Feb 2024 16:44

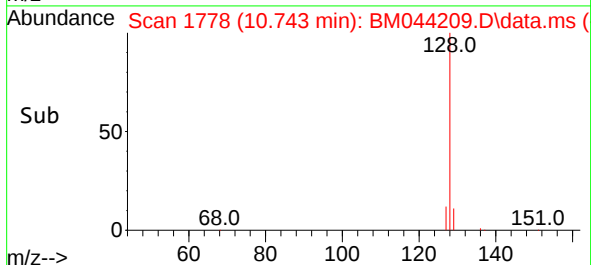
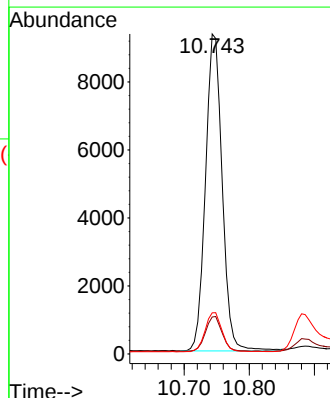
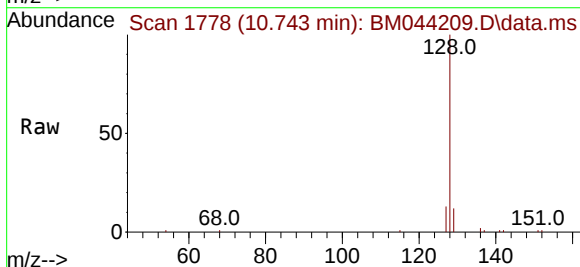
Instrument :
BNA_M
ClientSampleId :
SLCS870

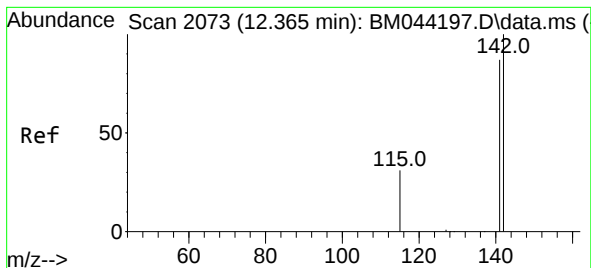
Tgt Ion: 88 Resp: 14920
Ion Ratio Lower Upper
88 100
43 29.5 32.2 48.2#
58 68.1 40.6 60.8#



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.743 min Scan# 1778
Delta R.T. -0.011 min
Lab File: BM044209.D
Acq: 20 Feb 2024 16:44

Tgt Ion: 128 Resp: 16635
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 12.8 10.7 16.1

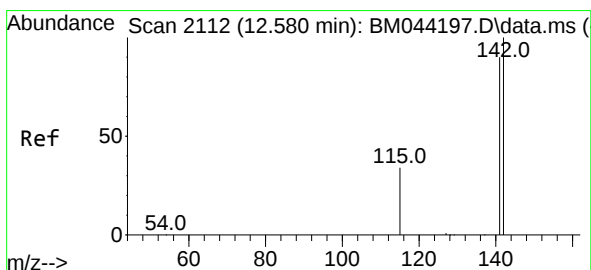
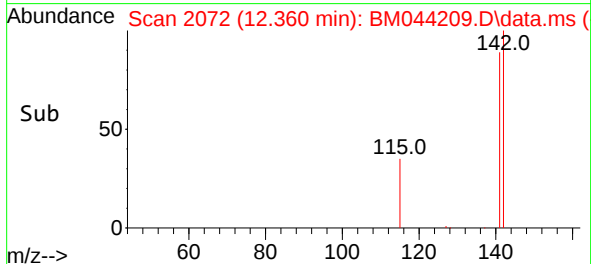
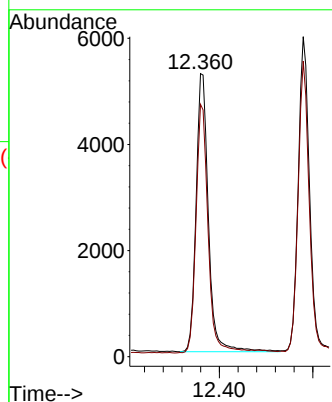
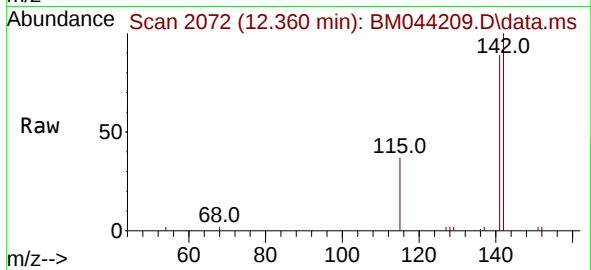




#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. -0.011 min
Lab File: BM044209.D
Acq: 20 Feb 2024 16:44

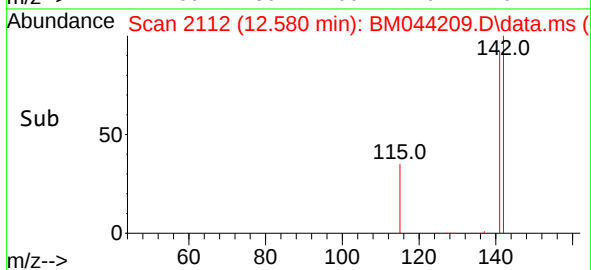
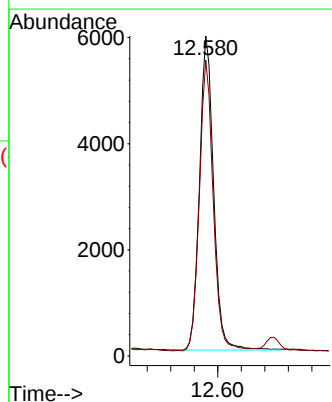
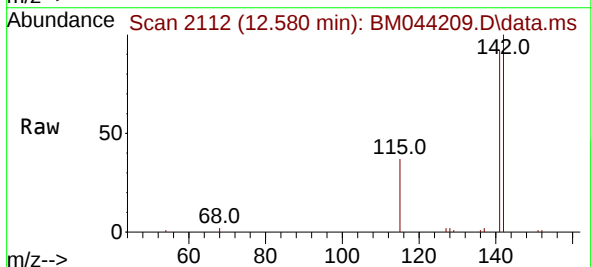
Instrument :
BNA_M
ClientSampleId :
SLCS870

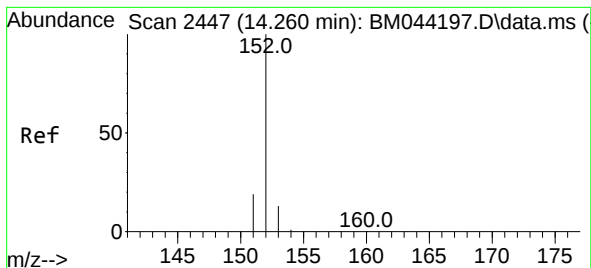
Tgt Ion:142 Resp: 9628
Ion Ratio Lower Upper
142 100
141 89.2 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BM044209.D
Acq: 20 Feb 2024 16:44

Tgt Ion:142 Resp: 9882
Ion Ratio Lower Upper
142 100
141 91.0 72.5 108.7





#10

Acenaphthylene

Concen: 0.401 ng/ul

RT: 14.260 min Scan# 2447

Delta R.T. -0.009 min

Lab File: BM044209.D

Acq: 20 Feb 2024 16:44

Instrument :

BNA_M

ClientSampleId :

SLCS870

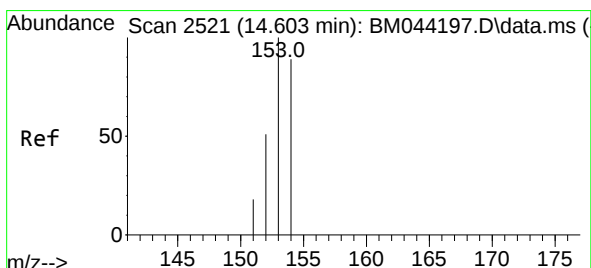
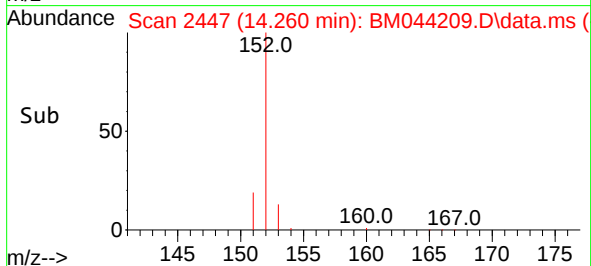
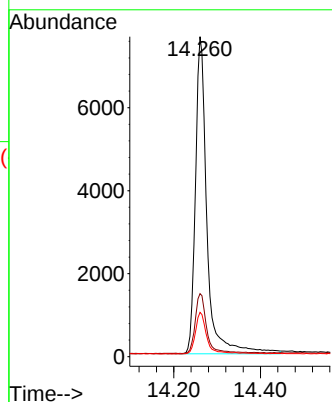
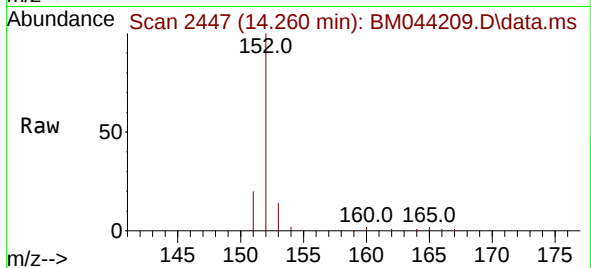
Tgt Ion:152 Resp: 14125

Ion Ratio Lower Upper

152 100

151 19.7 15.5 23.3

153 13.9 10.8 16.2



#11

Acenaphthene

Concen: 0.392 ng/ul

RT: 14.603 min Scan# 2521

Delta R.T. -0.005 min

Lab File: BM044209.D

Acq: 20 Feb 2024 16:44

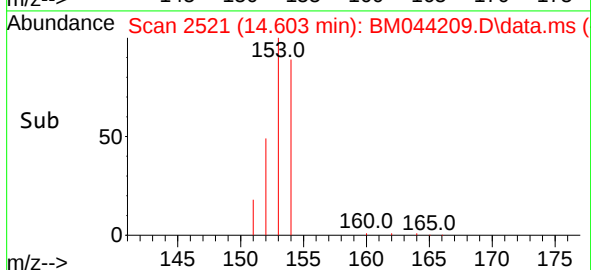
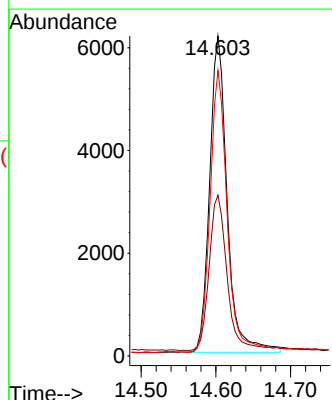
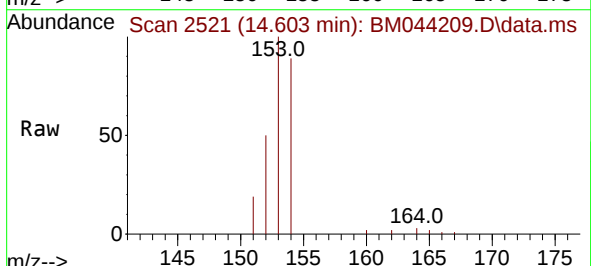
Tgt Ion:153 Resp: 10015

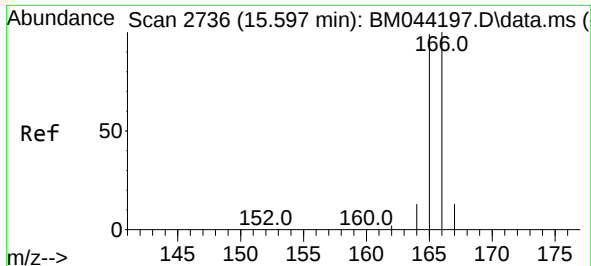
Ion Ratio Lower Upper

153 100

152 50.2 40.6 61.0

154 89.2 70.1 105.1

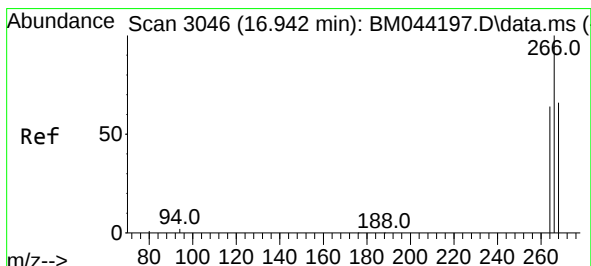
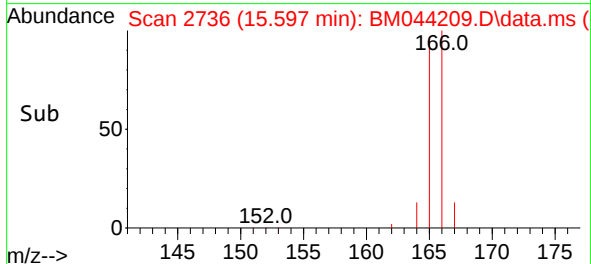
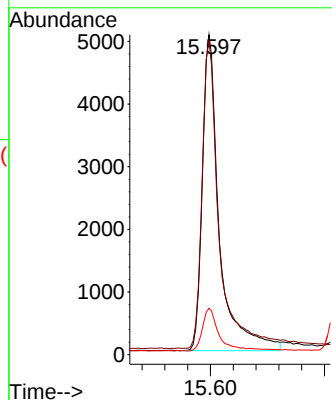
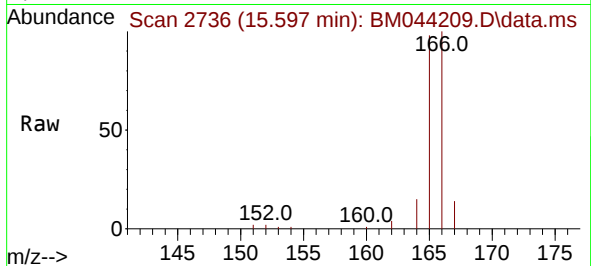




#12
 Fluorene
 Concen: 0.363 ng/ul
 RT: 15.597 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044209.D
 Acq: 20 Feb 2024 16:44

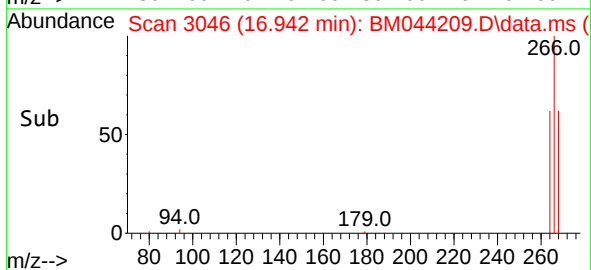
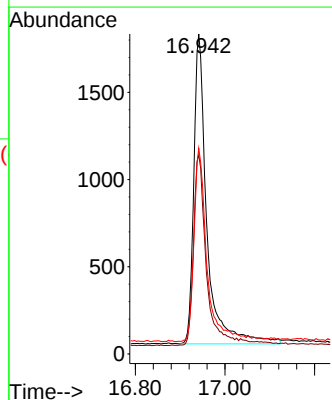
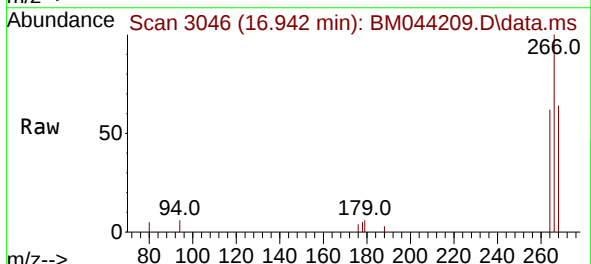
Instrument :
 BNA_M
 ClientSampleId :
 SLCS870

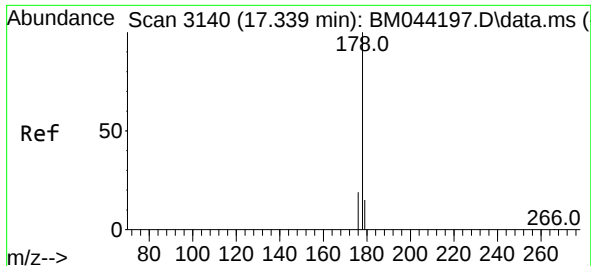
Tgt Ion:166 Resp: 10459
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.8 119.6
 167 14.5 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.769 ng/ul
 RT: 16.942 min Scan# 3046
 Delta R.T. -0.004 min
 Lab File: BM044209.D
 Acq: 20 Feb 2024 16:44

Tgt Ion:266 Resp: 3619
 Ion Ratio Lower Upper
 266 100
 264 61.6 49.4 74.0
 268 62.7 52.1 78.1

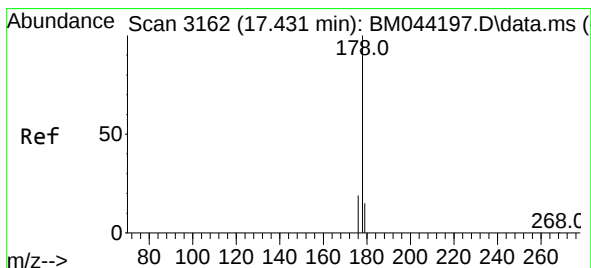
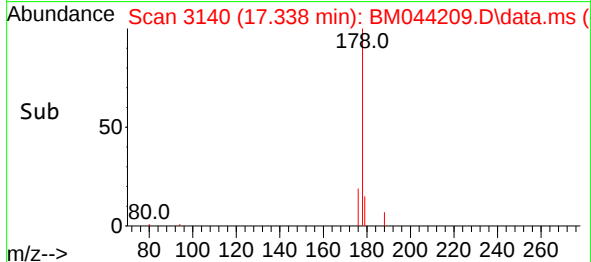
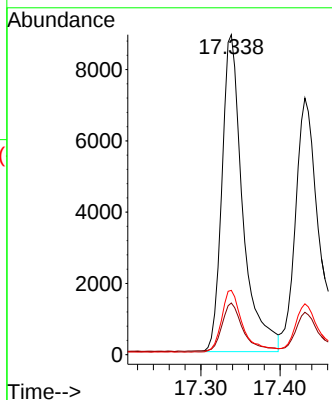
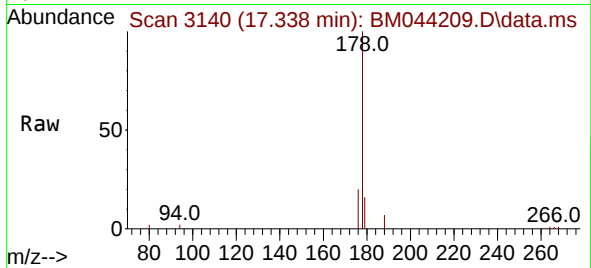




#15
Phenanthrene
Concen: 0.391 ng/ul
RT: 17.338 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044209.D
Acq: 20 Feb 2024 16:44

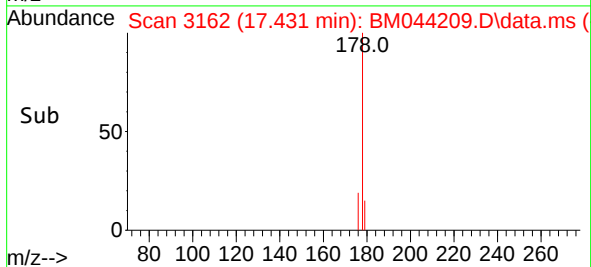
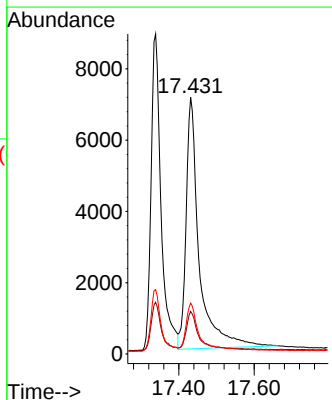
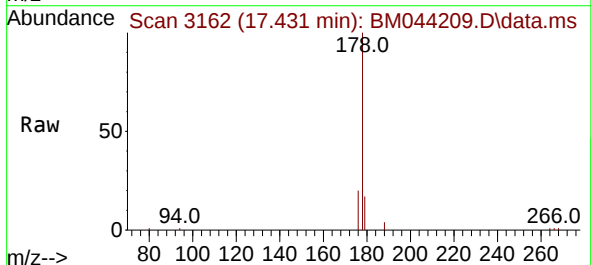
Instrument :
BNA_M
ClientSampleId :
SLCS870

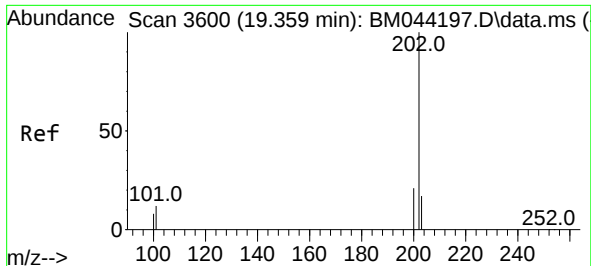
Tgt Ion:178 Resp: 16289
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 20.1 16.0 24.0



#16
Anthracene
Concen: 0.412 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM044209.D
Acq: 20 Feb 2024 16:44

Tgt Ion:178 Resp: 16998
Ion Ratio Lower Upper
178 100
179 16.5 12.8 19.2
176 19.8 15.3 22.9

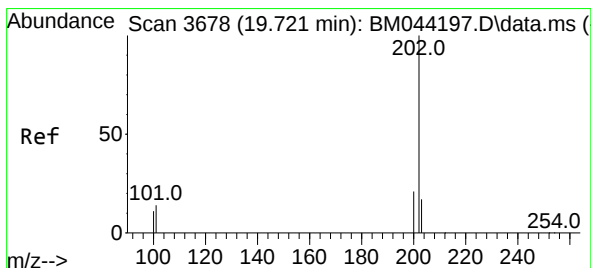
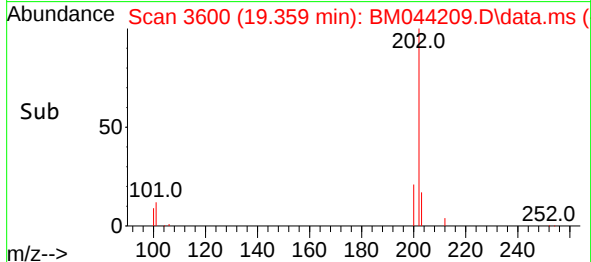
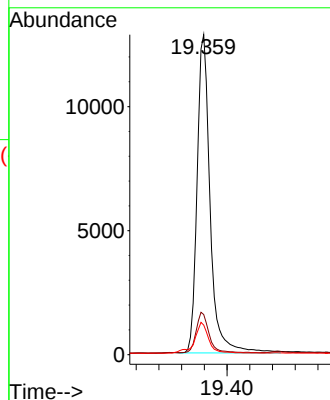
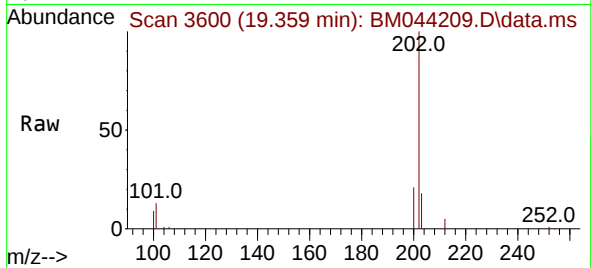




#19
Fluoranthene
Concen: 0.430 ng/ul
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044209.D
Acq: 20 Feb 2024 16:44

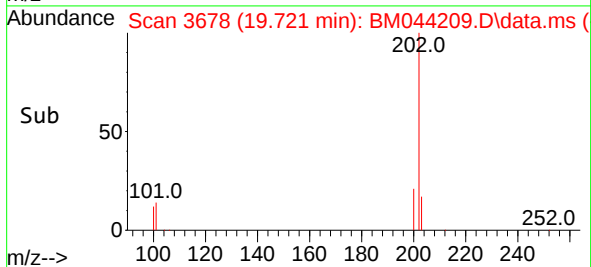
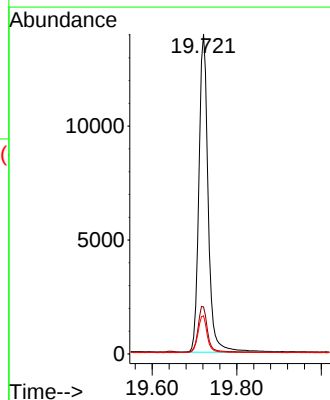
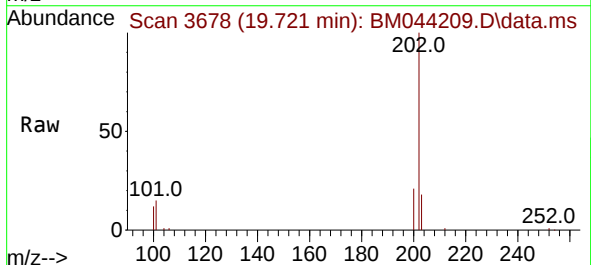
Instrument :
BNA_M
ClientSampleId :
SLCS870

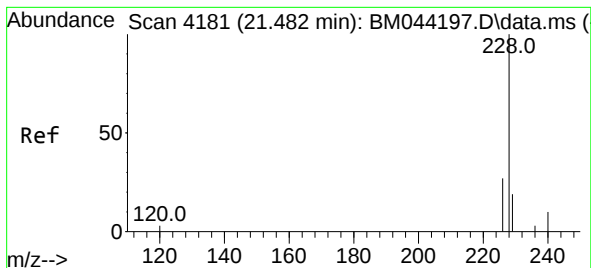
Tgt Ion:202 Resp: 20400
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.6
100 9.2 7.0 10.4



#20
Pyrene
Concen: 0.426 ng/ul
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM044209.D
Acq: 20 Feb 2024 16:44

Tgt Ion:202 Resp: 21253
Ion Ratio Lower Upper
202 100
101 14.7 11.2 16.8
100 11.9 8.6 13.0





#21

Benzo(a)anthracene

Concen: 0.369 ng/ul

RT: 21.482 min Scan# 4181

Delta R.T. -0.003 min

Lab File: BM044209.D

Acq: 20 Feb 2024 16:44

Instrument :

BNA_M

ClientSampleId :

SLCS870

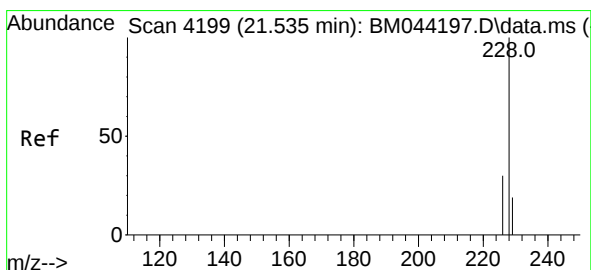
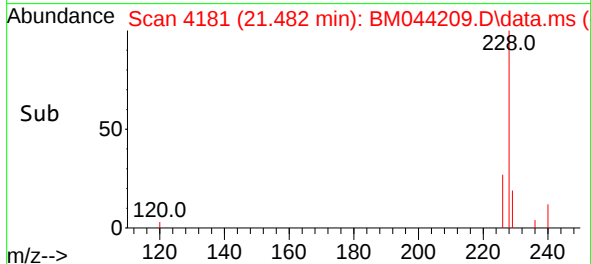
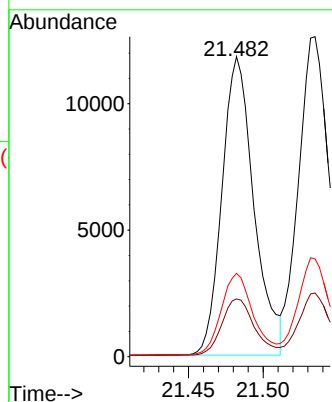
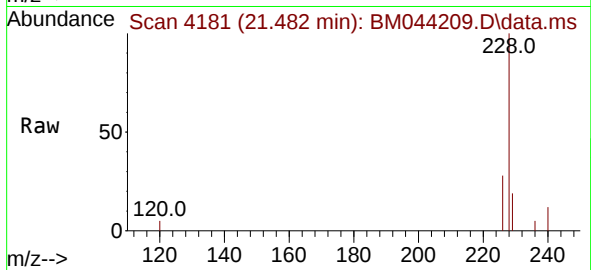
Tgt Ion:228 Resp: 17593

Ion Ratio Lower Upper

228 100

229 19.3 15.4 23.2

226 27.8 22.1 33.1



#22

Chrysene

Concen: 0.407 ng/ul

RT: 21.535 min Scan# 4199

Delta R.T. -0.003 min

Lab File: BM044209.D

Acq: 20 Feb 2024 16:44

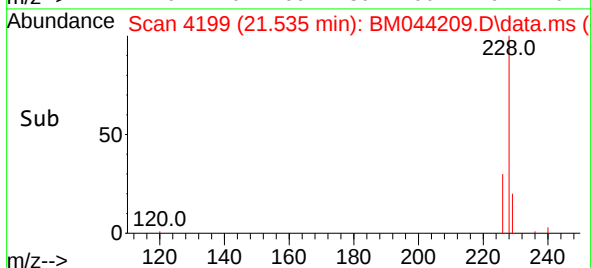
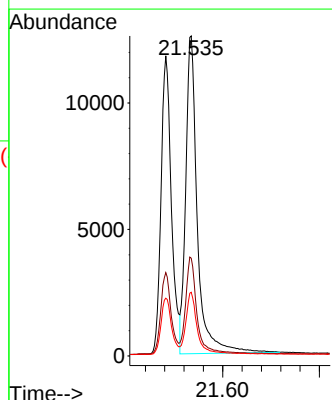
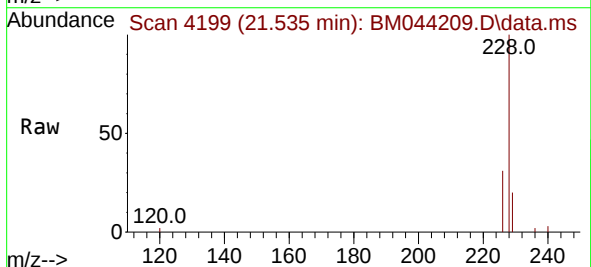
Tgt Ion:228 Resp: 20895

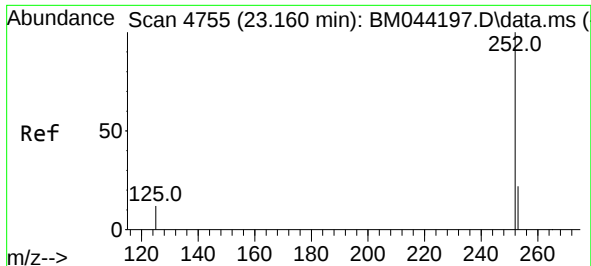
Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.9 15.8 23.6

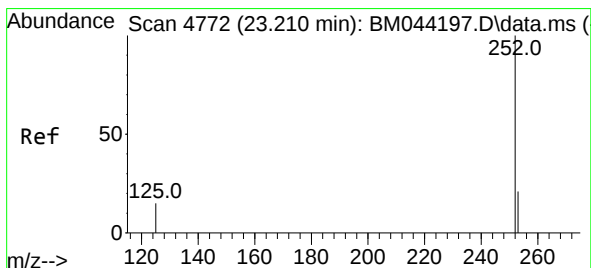
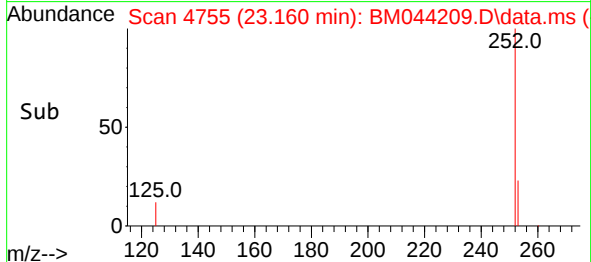
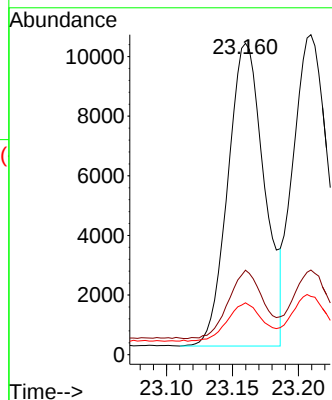
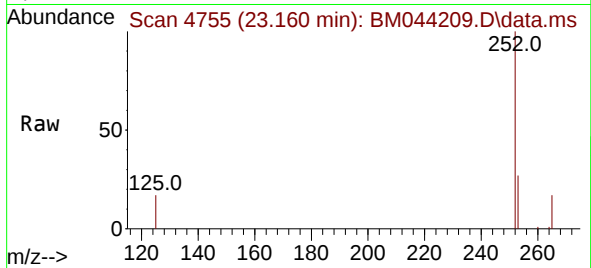




#24
Benzo(b)fluoranthene
Concen: 0.402 ng/ul
RT: 23.160 min Scan# 4755
Delta R.T. -0.003 min
Lab File: BM044209.D
Acq: 20 Feb 2024 16:44

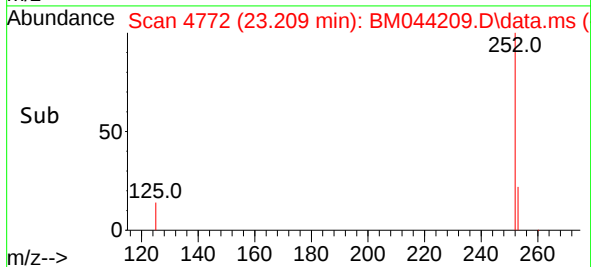
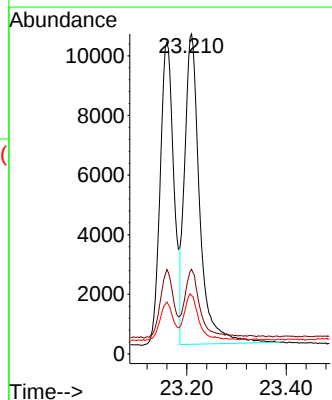
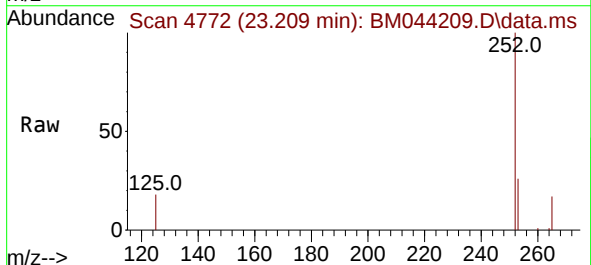
Instrument :
BNA_M
ClientSampleId :
SLCS870

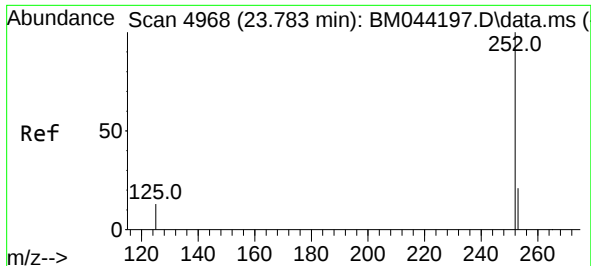
Tgt Ion:252 Resp: 19557
Ion Ratio Lower Upper
252 100
253 27.1 0.0 50.0
125 16.6 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul
RT: 23.209 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM044209.D
Acq: 20 Feb 2024 16:44

Tgt Ion:252 Resp: 21886
Ion Ratio Lower Upper
252 100
253 26.5 20.1 30.1
125 18.2 12.3 18.5

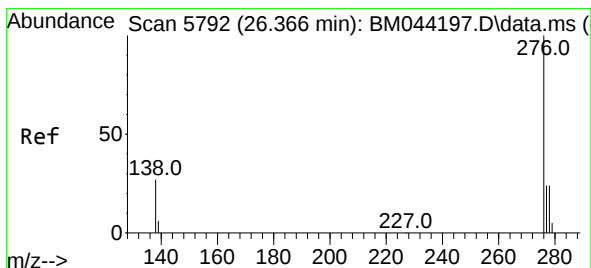
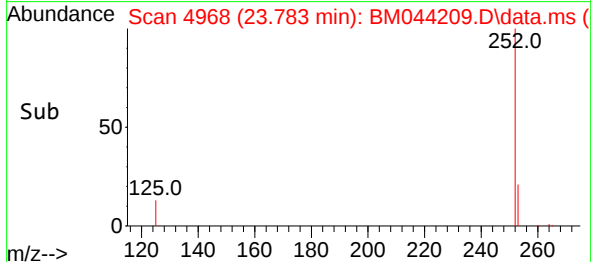
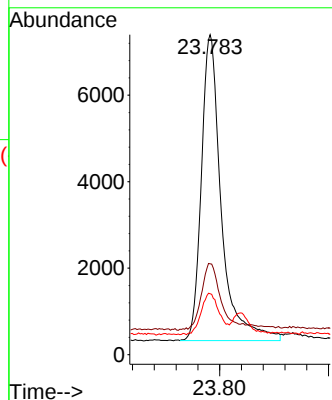
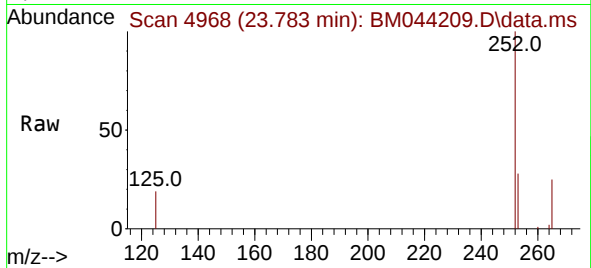




#26
Benzo(a)pyrene
Concen: 0.398 ng/ul
RT: 23.783 min Scan# 4968
Delta R.T. -0.003 min
Lab File: BM044209.D
Acq: 20 Feb 2024 16:44

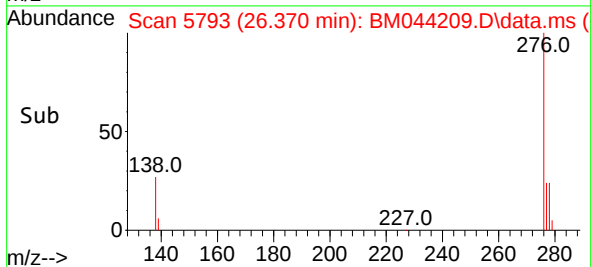
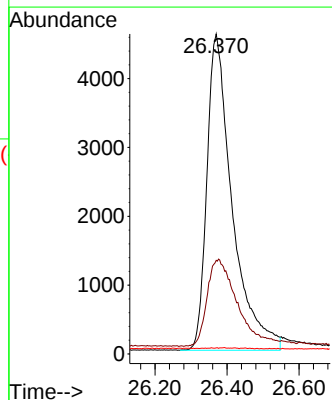
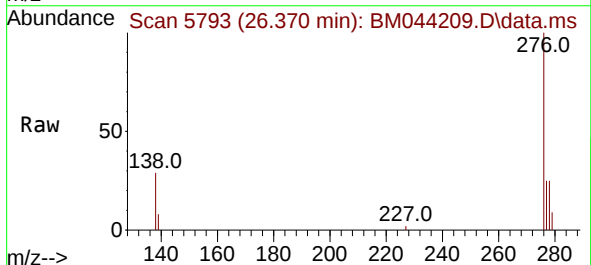
Instrument :
BNA_M
ClientSampleId :
SLCS870

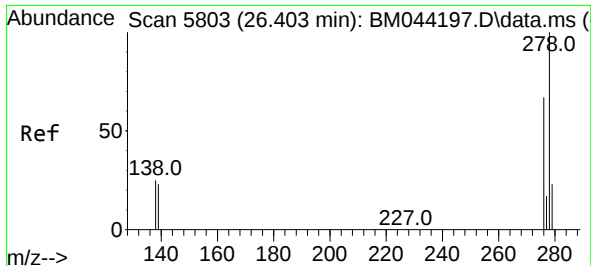
Tgt Ion:	252	Resp:	17975
Ion Ratio	Lower	Upper	
252	100		
253	28.4	21.4	32.2
125	19.1	13.3	19.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 26.370 min Scan# 5793
Delta R.T. 0.000 min
Lab File: BM044209.D
Acq: 20 Feb 2024 16:44

Tgt Ion:	276	Resp:	22381
Ion Ratio	Lower	Upper	
276	100		
138	32.9	25.2	37.8
227	0.0	0.1	0.1

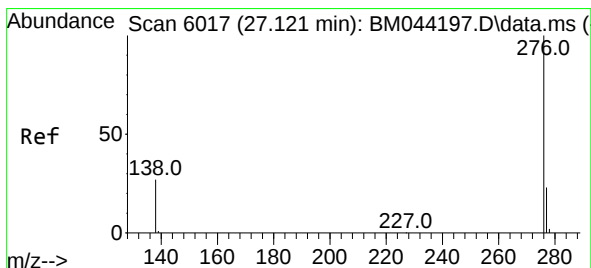
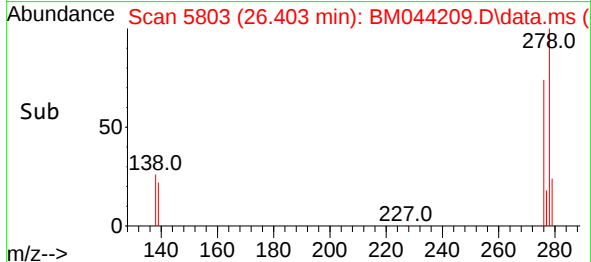
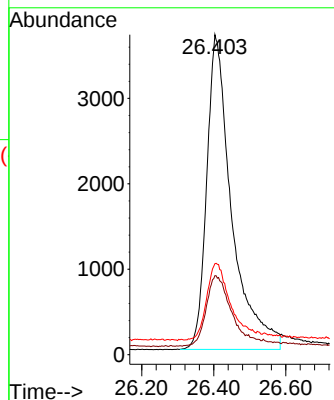
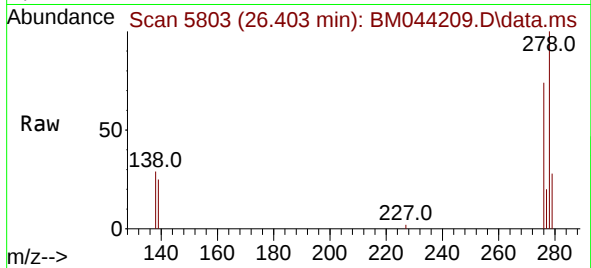




#28
Dibenzo(a,h)anthracene
Concen: 0.391 ng/ul
RT: 26.403 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BM044209.D
Acq: 20 Feb 2024 16:44

Instrument :
BNA_M
ClientSampleId :
SLCS870

Tgt Ion:278 Resp: 17734
Ion Ratio Lower Upper
278 100
139 24.7 17.8 26.8
279 28.5 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.390 ng/ul
RT: 27.118 min Scan# 6016
Delta R.T. -0.010 min
Lab File: BM044209.D
Acq: 20 Feb 2024 16:44

Tgt Ion:276 Resp: 19863
Ion Ratio Lower Upper
276 100
138 29.8 22.7 34.1
277 24.4 19.0 28.6

