

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046246.D
 Acq On : 24 Jun 2024 10:48
 Operator : MA/JU
 Sample : PB161516BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS516

Quant Time: Jun 24 11:21:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

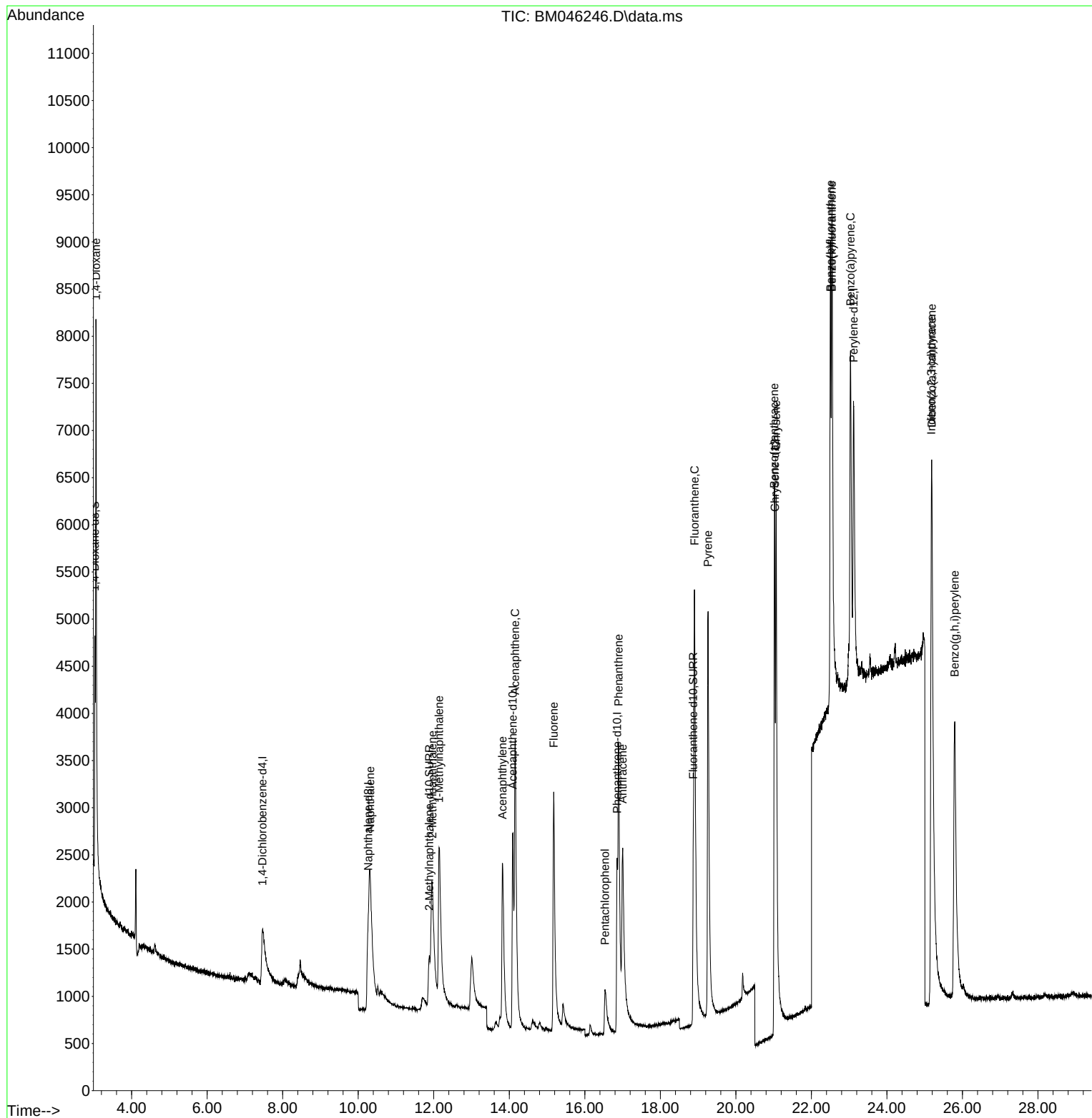
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	1369	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	4424	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.090	164	2654	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.854	188	4878	0.400	ng/ul	0.00
17) Chrysene-d12	21.032	240	3904	0.400	ng/ul	-0.01
23) Perylene-d12	23.118	264	5281	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	1483	0.790	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.882	152	2421	0.408	ng/ul	0.02
18) Fluoranthene-d10	18.872	212	4939	0.422	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.059	88	4072	1.933	ng/ul#	80
5) Naphthalene	10.315	128	4874	0.395	ng/ul#	92
7) 2-Methylnaphthalene	11.959	142	2703	0.389	ng/ul	97
8) 1-Methylnaphthalene	12.141	142	3138	0.412	ng/ul	96
10) Acenaphthylene	13.822	152	5024	0.399	ng/ul	95
11) Acenaphthene	14.155	153	3779	0.416	ng/ul	99
12) Fluorene	15.178	166	3827	0.392	ng/ul	99
14) Pentachlorophenol	16.533	266	1087	0.744	ng/ul	98
15) Phenanthrene	16.896	178	5409	0.395	ng/ul	99
16) Anthracene	17.002	178	3495	0.342	ng/ul	97
19) Fluoranthene	18.905	202	7470	0.442	ng/ul	98
20) Pyrene	19.262	202	7879	0.431	ng/ul	99
21) Benzo(a)anthracene	21.017	228	5582	0.370	ng/ul	99
22) Chrysene	21.067	228	8454	0.439	ng/ul	99
24) Benzo(b)fluoranthene	22.504	252	7209	0.379	ng/ul	93
25) Benzo(k)fluoranthene	22.545	252	9956	0.440	ng/ul	97
26) Benzo(a)pyrene	23.037	252	7992	0.453	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.179	276	10849	0.376	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.189	278	8329	0.388	ng/ul	95
29) Benzo(g,h,i)perylene	25.796	276	9556	0.386	ng/ul	96

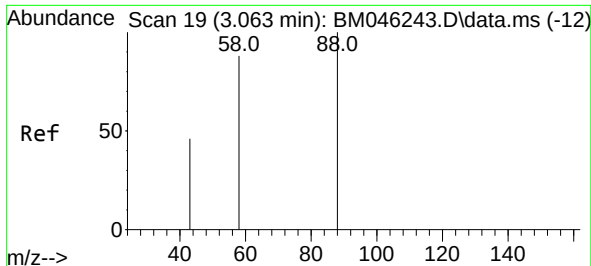
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046246.D
Acq On : 24 Jun 2024 10:48
Operator : MA/JU
Sample : PB161516BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS516

Quant Time: Jun 24 11:21:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration

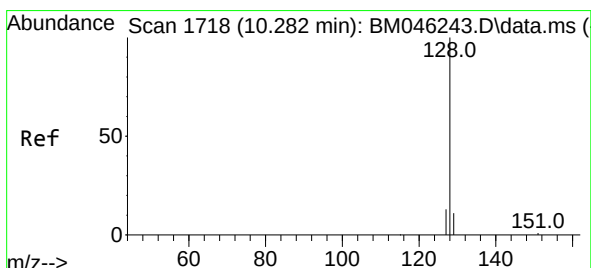
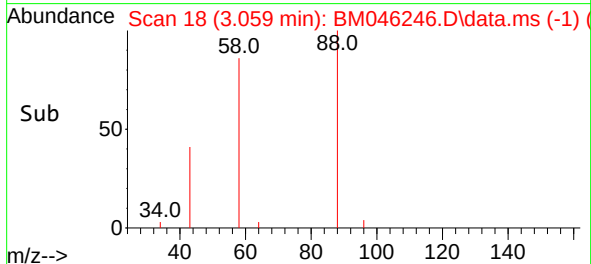
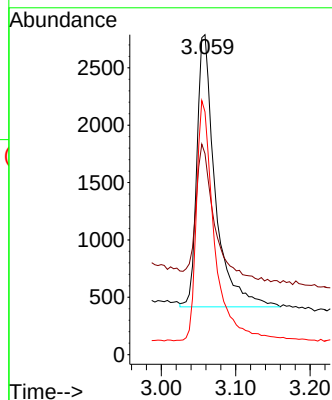
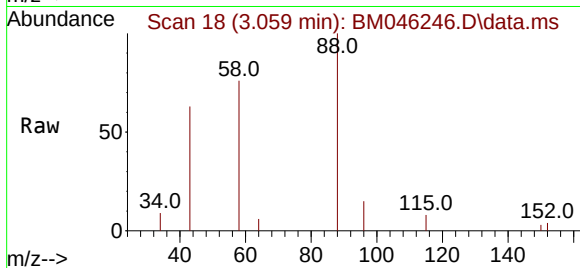




#2
1,4-Dioxane
Concen: 1.933 ng/ul
RT: 3.059 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

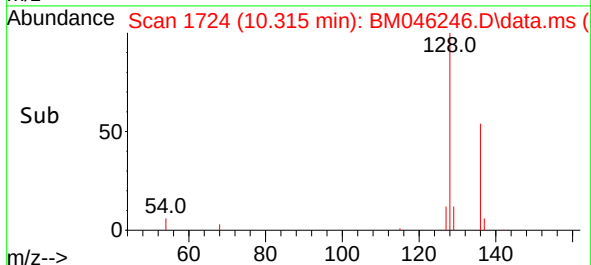
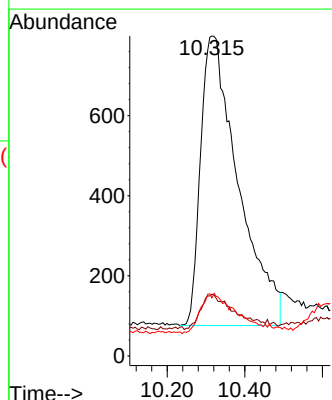
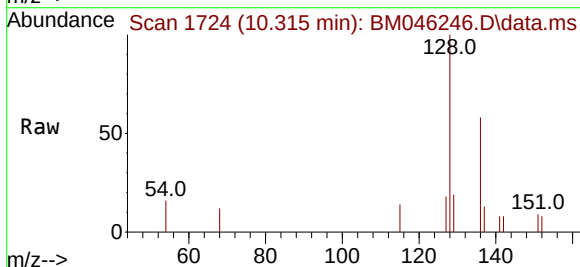
Instrument :
BNA_M
ClientSampleId :
SLCS516

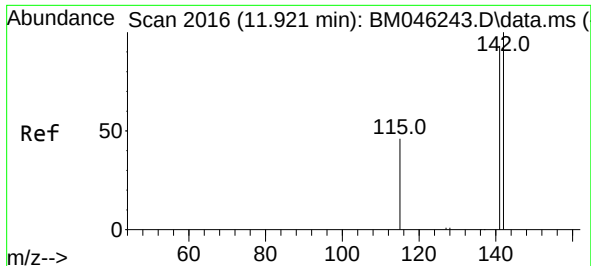
Tgt Ion: 88 Resp: 4072
Ion Ratio Lower Upper
88 100
43 62.8 69.8 104.8#
58 75.8 53.2 79.8



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.315 min Scan# 1724
Delta R.T. 0.012 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

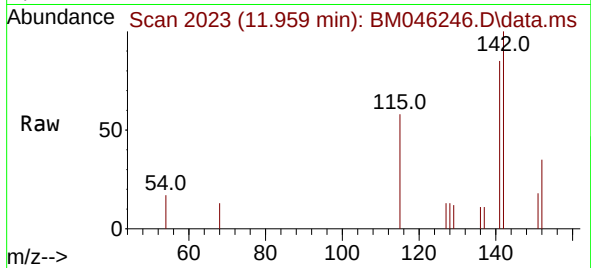
Tgt Ion: 128 Resp: 4874
Ion Ratio Lower Upper
128 100
129 19.3 11.8 17.6#
127 18.1 12.8 19.2



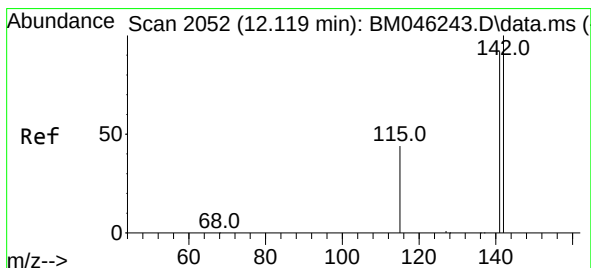
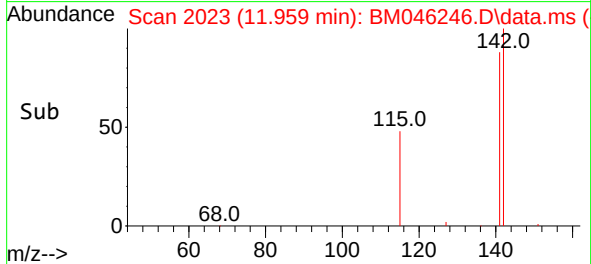
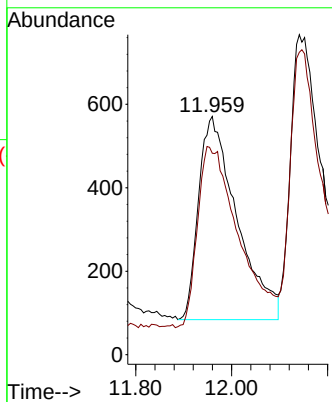


#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 11.959 min Scan# 2023
Delta R.T. 0.012 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

Instrument :
BNA_M
ClientSampleId :
SLCS516

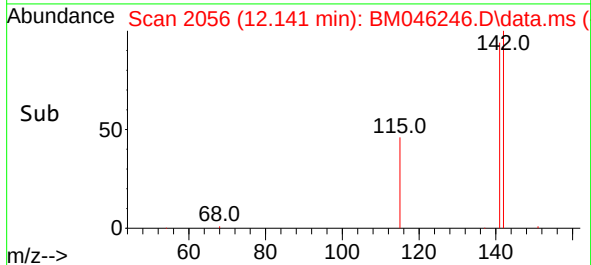
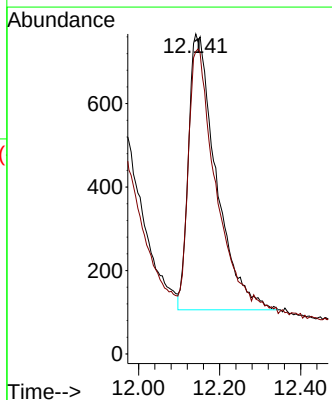
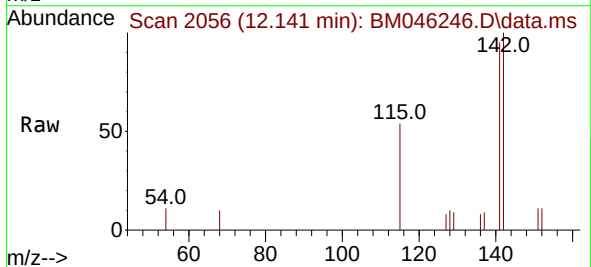


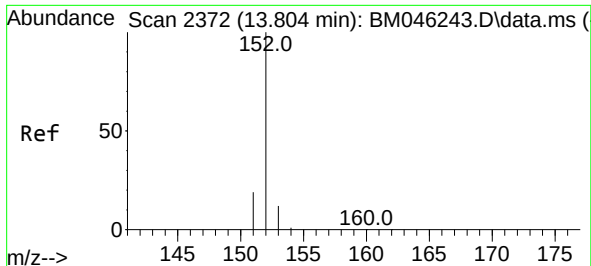
Tgt Ion:142 Resp: 2703
Ion Ratio Lower Upper
142 100
141 96.4 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.010 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

Tgt Ion:142 Resp: 3138
Ion Ratio Lower Upper
142 100
141 97.5 75.2 112.8

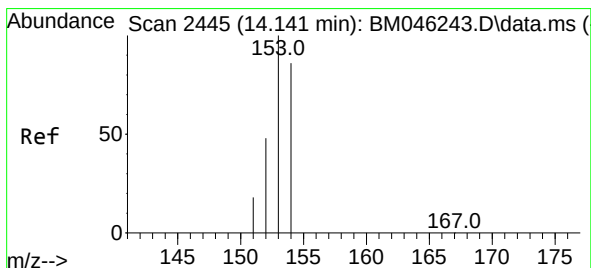
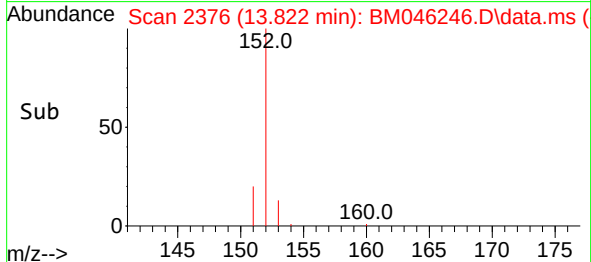
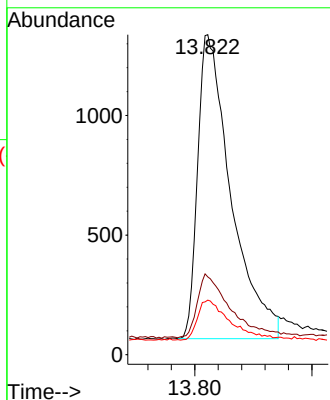
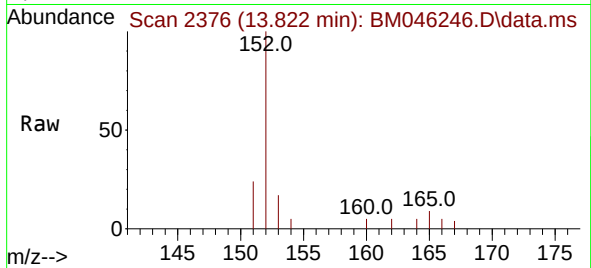




#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 13.822 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

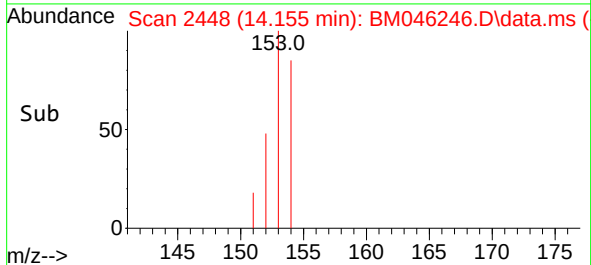
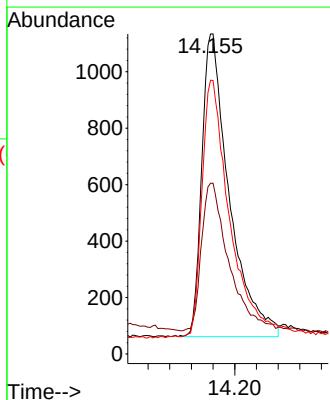
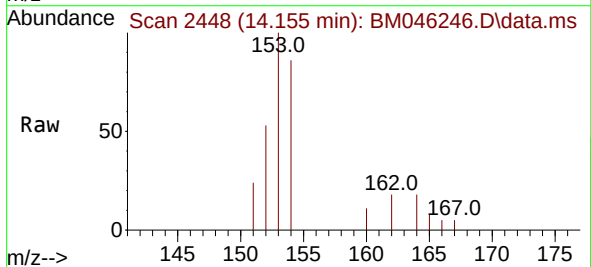
Instrument :
BNA_M
ClientSampleId :
SLCS516

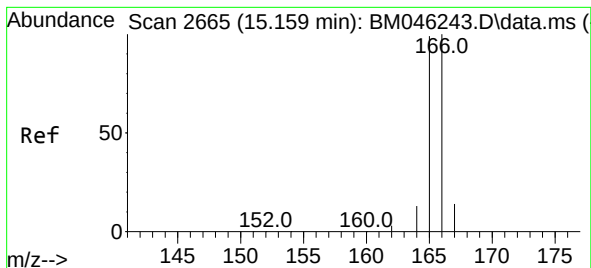
Tgt Ion:152 Resp: 5024
Ion Ratio Lower Upper
152 100
151 24.3 17.4 26.2
153 17.0 11.8 17.8



#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.155 min Scan# 2448
Delta R.T. -0.017 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

Tgt Ion:153 Resp: 3779
Ion Ratio Lower Upper
153 100
152 53.4 41.3 61.9
154 85.5 68.2 102.4





#12

Fluorene

Concen: 0.392 ng/ul

RT: 15.178 min Scan# 2

Delta R.T. -0.003 min

Lab File: BM046246.D

Acq: 24 Jun 2024 10:48

Instrument :

BNA_M

ClientSampleId :

SLCS516

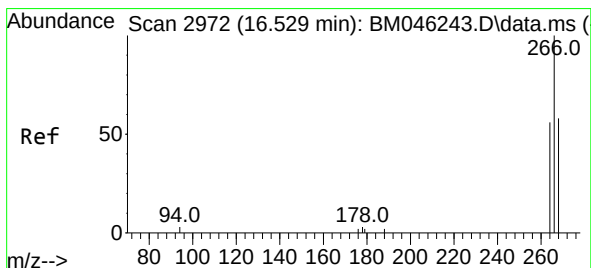
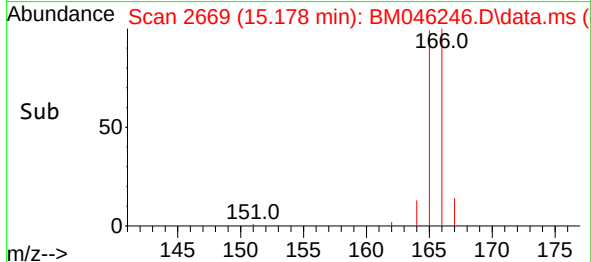
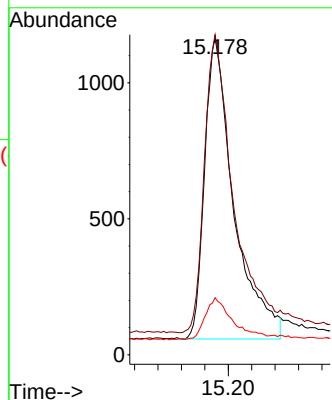
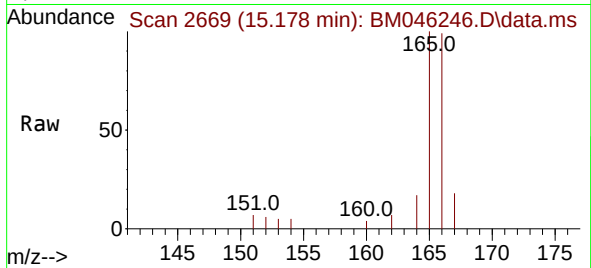
Tgt Ion:166 Resp: 3827

Ion Ratio Lower Upper

166 100

165 101.0 80.4 120.6

167 18.0 12.4 18.6



#14

Pentachlorophenol

Concen: 0.744 ng/ul

RT: 16.533 min Scan# 2973

Delta R.T. -0.032 min

Lab File: BM046246.D

Acq: 24 Jun 2024 10:48

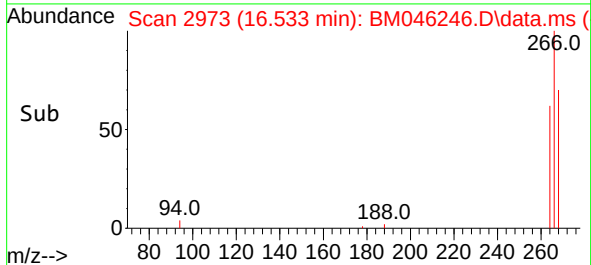
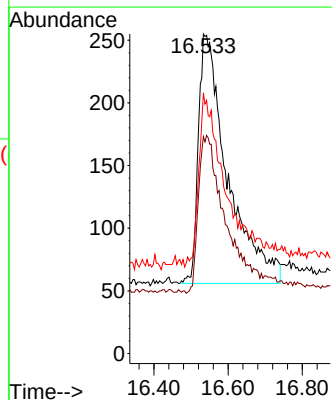
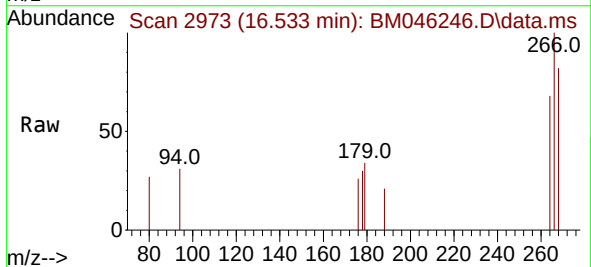
Tgt Ion:266 Resp: 1087

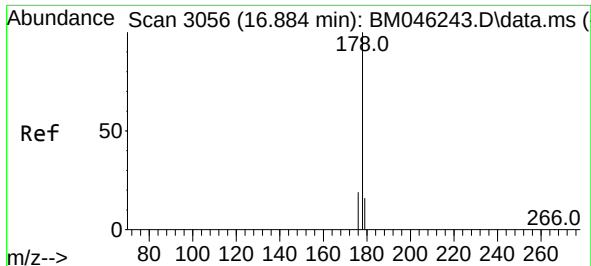
Ion Ratio Lower Upper

266 100

264 62.5 50.9 76.3

268 67.7 52.3 78.5

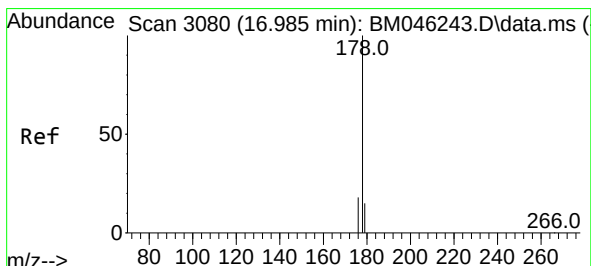
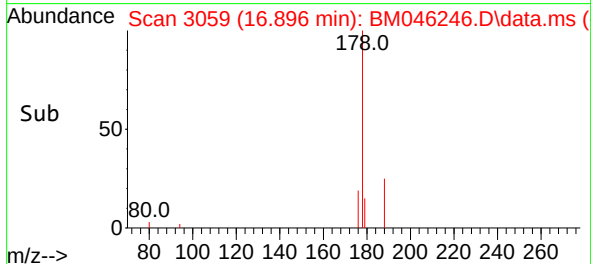
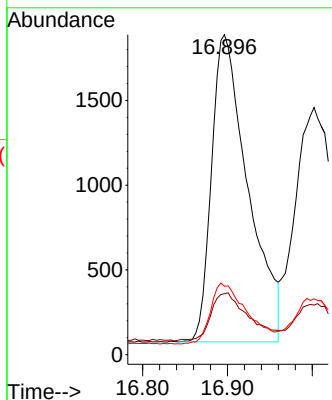
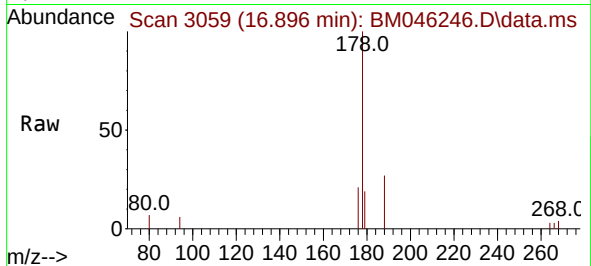




#15
Phenanthrene
Concen: 0.395 ng/ul
RT: 16.896 min Scan# 3059
Delta R.T. -0.007 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

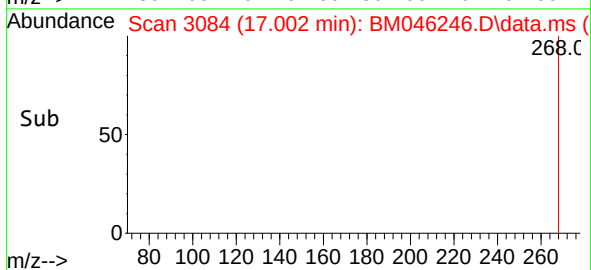
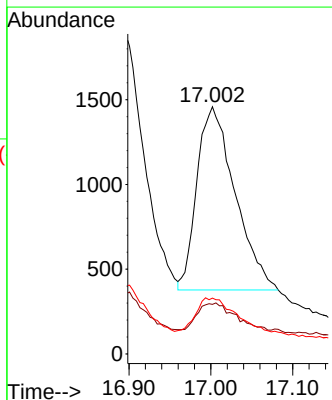
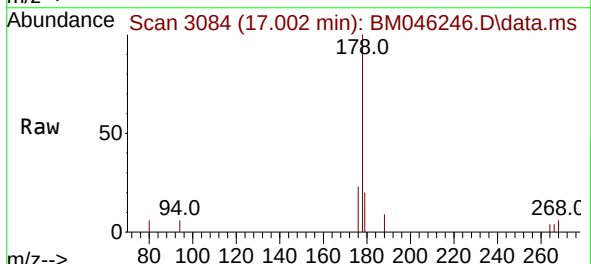
Instrument :
BNA_M
ClientSampleId :
SLCS516

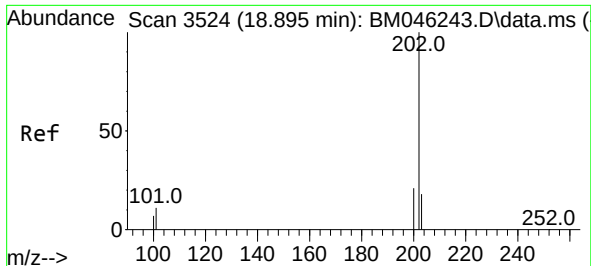
Tgt Ion:	178	Resp:	5409
Ion Ratio	Lower	Upper	
178	100		
179	19.0	14.2	21.2
176	21.4	17.1	25.7



#16
Anthracene
Concen: 0.342 ng/ul
RT: 17.002 min Scan# 3084
Delta R.T. -0.003 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

Tgt Ion:	178	Resp:	3495
Ion Ratio	Lower	Upper	
178	100		
179	20.0	14.9	22.3
176	22.6	17.0	25.4

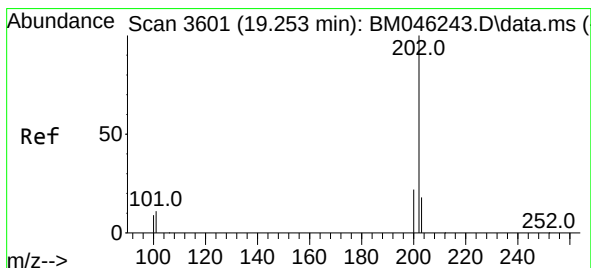
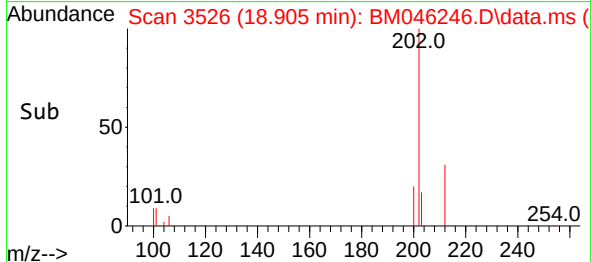
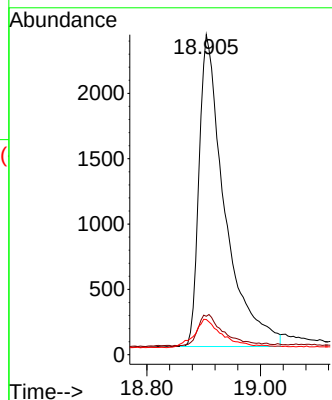
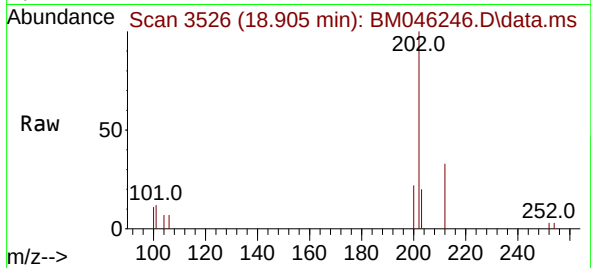




#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 18.905 min Scan# 31
Delta R.T. -0.013 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

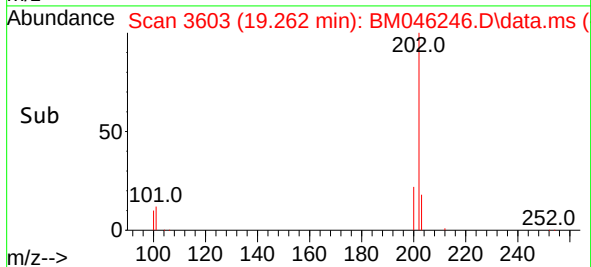
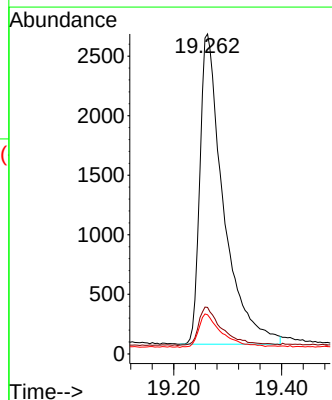
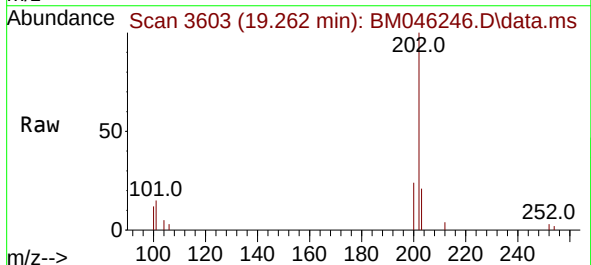
Instrument :
BNA_M
ClientSampleId :
SLCS516

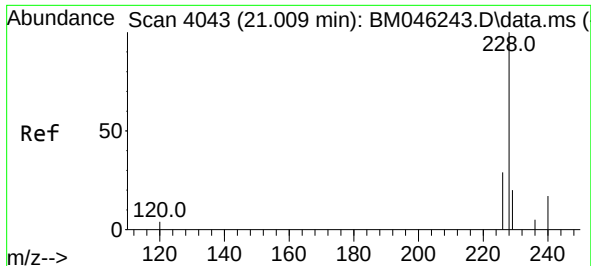
Tgt Ion:202 Resp: 7470
Ion Ratio Lower Upper
202 100
101 12.0 9.6 14.4
100 11.0 7.6 11.4



#20
Pyrene
Concen: 0.431 ng/ul
RT: 19.262 min Scan# 3603
Delta R.T. -0.013 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

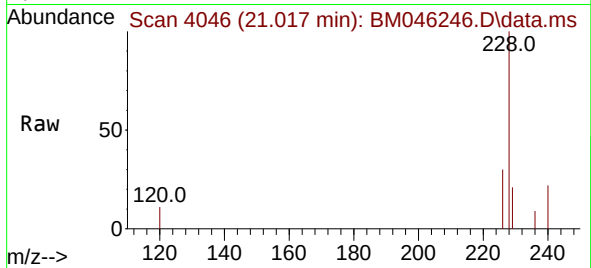
Tgt Ion:202 Resp: 7879
Ion Ratio Lower Upper
202 100
101 14.5 11.3 16.9
100 12.2 9.8 14.6



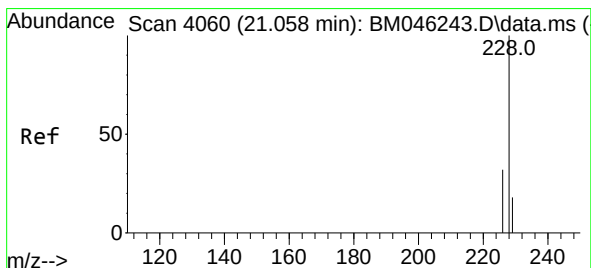
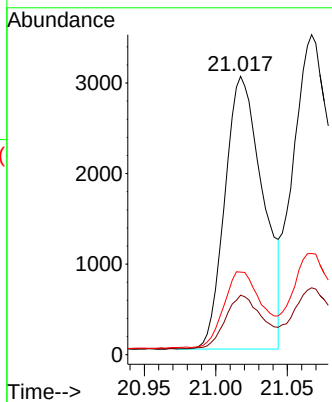
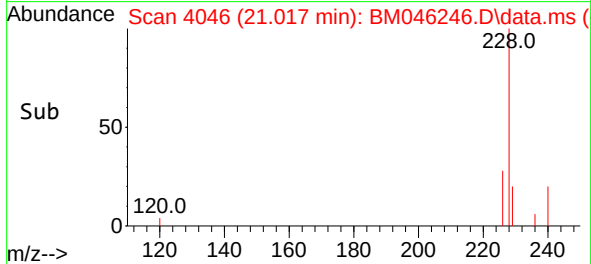


#21
Benzo(a)anthracene
Concen: 0.370 ng/ul
RT: 21.017 min Scan# 4046
Delta R.T. -0.012 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

Instrument :
BNA_M
ClientSampleId :
SLCS516

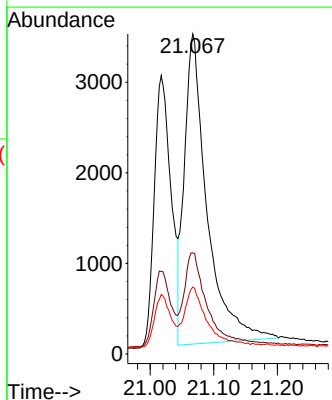
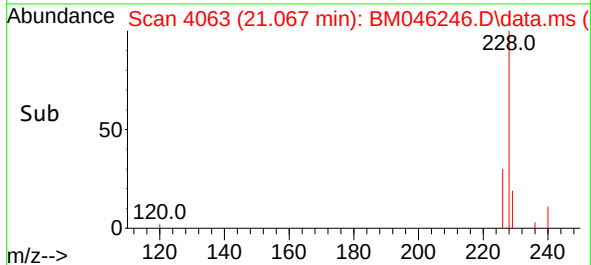
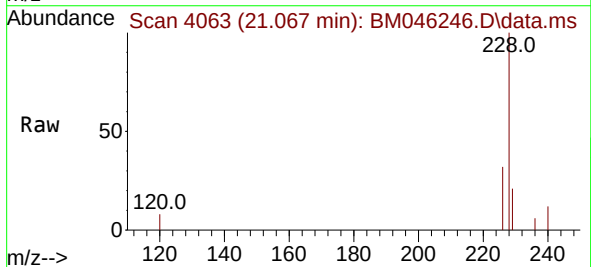


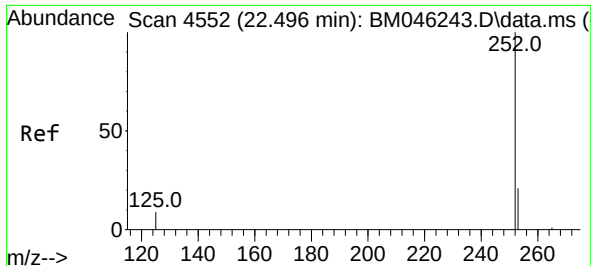
Tgt Ion:228 Resp: 5582
Ion Ratio Lower Upper
228 100
229 21.4 16.4 24.6
226 29.6 23.4 35.2



#22
Chrysene
Concen: 0.439 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. -0.009 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

Tgt Ion:228 Resp: 8454
Ion Ratio Lower Upper
228 100
226 31.6 25.2 37.8
229 20.9 16.3 24.5

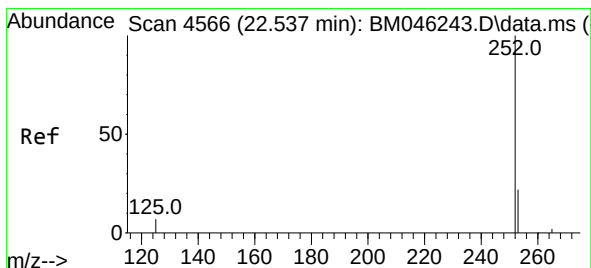
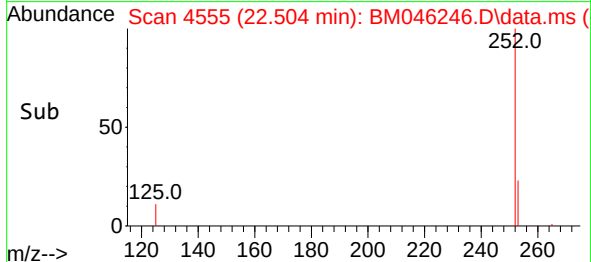
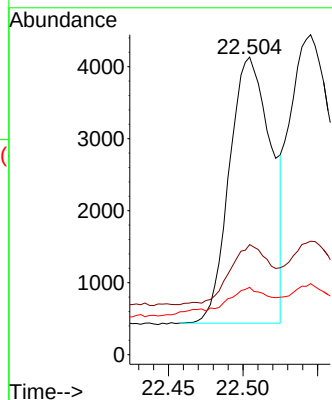
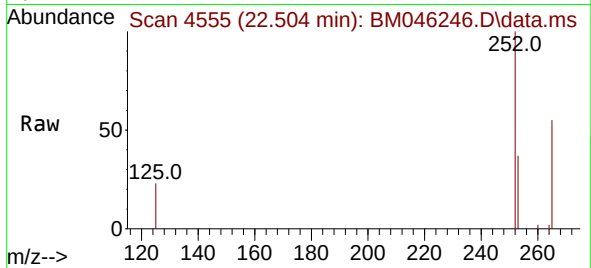




#24
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 22.504 min Scan# 4555
Delta R.T. -0.015 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

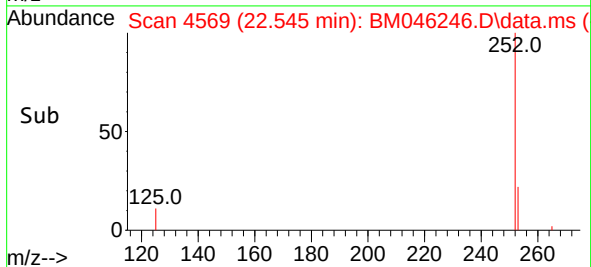
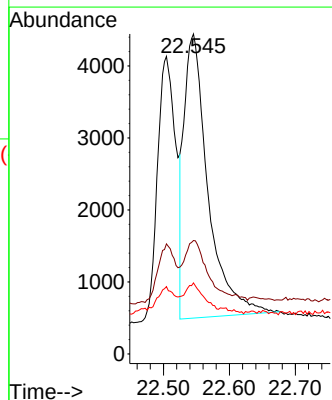
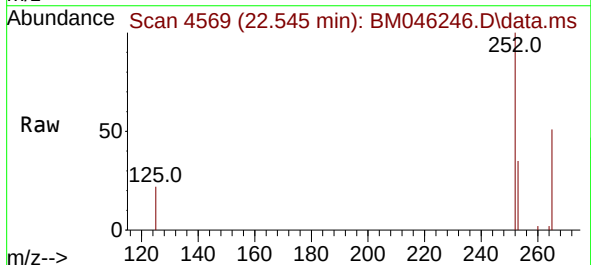
Instrument :
BNA_M
ClientSampleId :
SLCS516

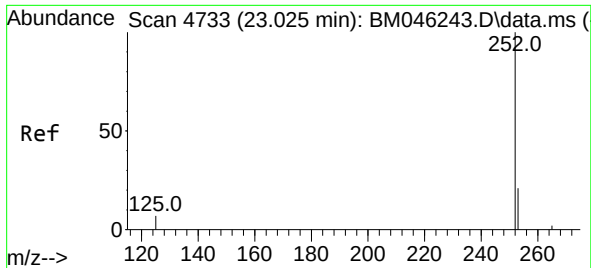
Tgt Ion:252 Resp: 7209
Ion Ratio Lower Upper
252 100
253 37.0 0.0 65.8
125 22.7 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.440 ng/ul
RT: 22.545 min Scan# 4569
Delta R.T. -0.018 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

Tgt Ion:252 Resp: 9956
Ion Ratio Lower Upper
252 100
253 35.4 27.2 40.8
125 22.2 16.6 25.0

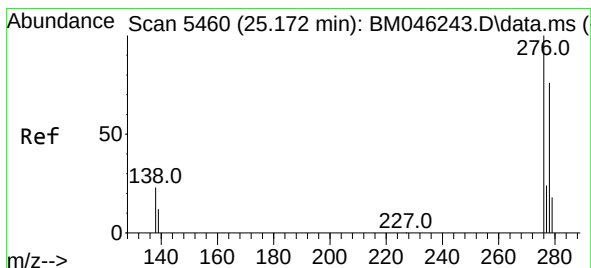
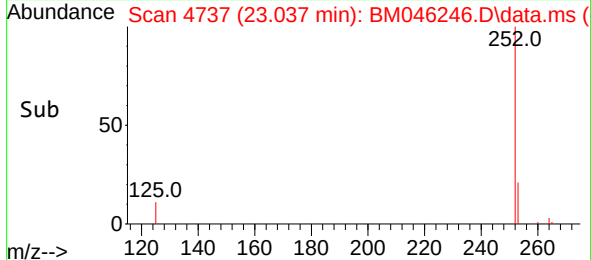
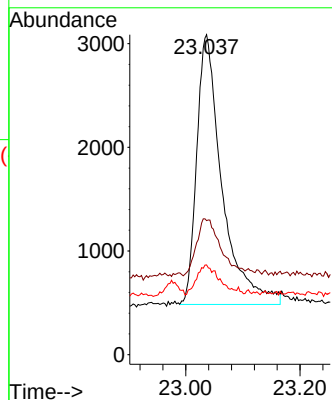
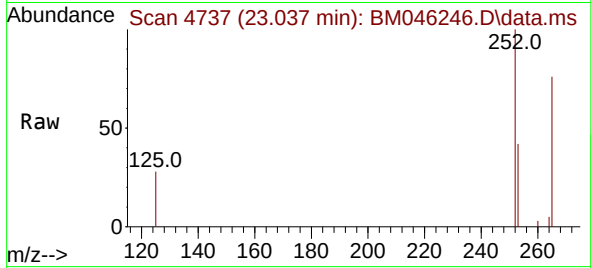




#26
Benzo(a)pyrene
Concen: 0.453 ng/ul
RT: 23.037 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

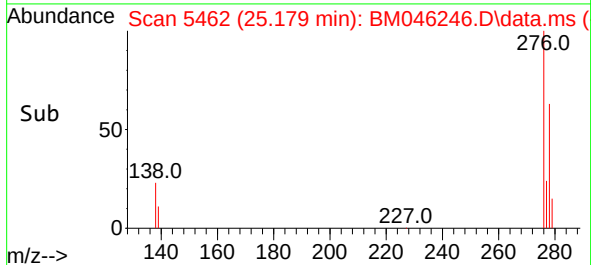
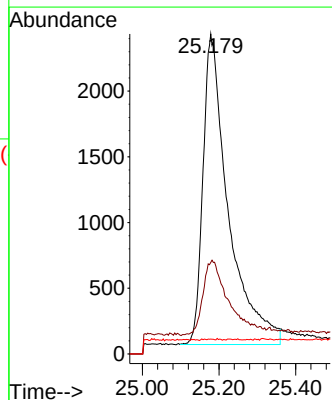
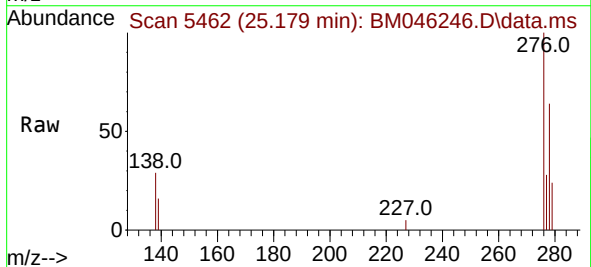
Instrument :
BNA_M
ClientSampleId :
SLCS516

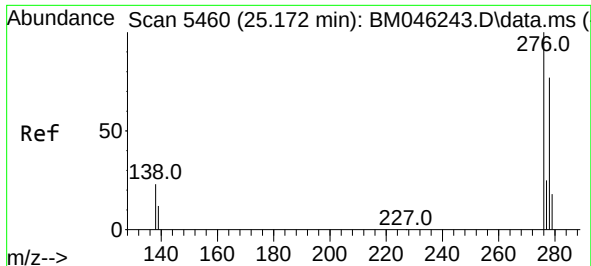
Tgt Ion:252 Resp: 7992
Ion Ratio Lower Upper
252 100
253 41.9 32.1 48.1
125 28.0 21.2 31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng/ul
RT: 25.179 min Scan# 5462
Delta R.T. -0.024 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

Tgt Ion:276 Resp: 10849
Ion Ratio Lower Upper
276 100
138 25.2 21.0 31.4
227 0.1 0.0 0.0#

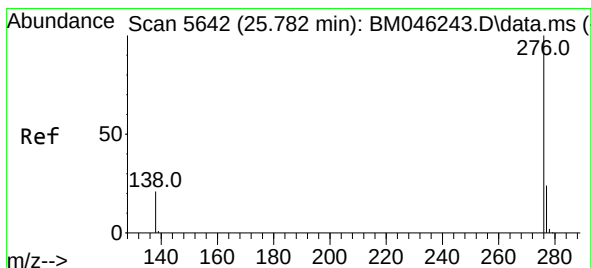
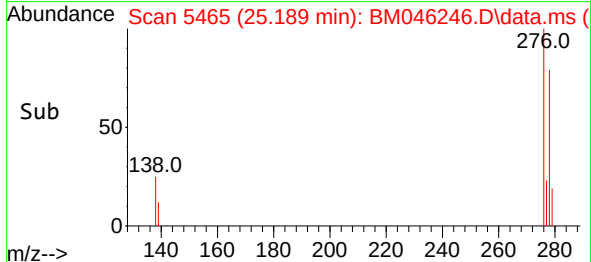
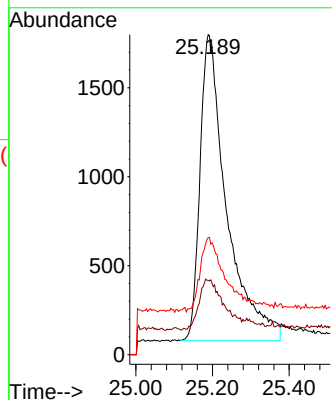
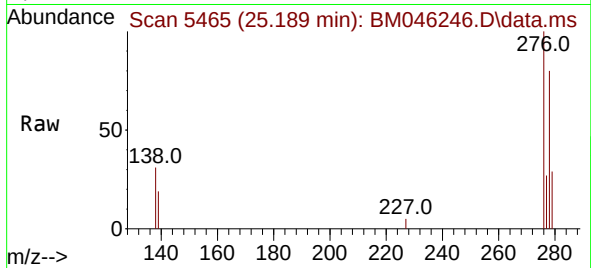




#28
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 25.189 min Scan# 5465
Delta R.T. -0.027 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

Instrument :
BNA_M
ClientSampleId :
SLCS516

Tgt Ion:278 Resp: 8329
Ion Ratio Lower Upper
278 100
139 23.2 17.6 26.4
279 36.6 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.386 ng/ul
RT: 25.796 min Scan# 5646
Delta R.T. -0.034 min
Lab File: BM046246.D
Acq: 24 Jun 2024 10:48

Tgt Ion:276 Resp: 9556
Ion Ratio Lower Upper
276 100
138 29.4 21.7 32.5
277 27.5 20.4 30.6

