

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040824\
 Data File : BM045059.D
 Acq On : 09 Apr 2024 02:28
 Operator : MA/JU
 Sample : PB160052BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS052

Quant Time: Apr 09 03:36:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 09 02:13:29 2024
 Response via : Initial Calibration

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

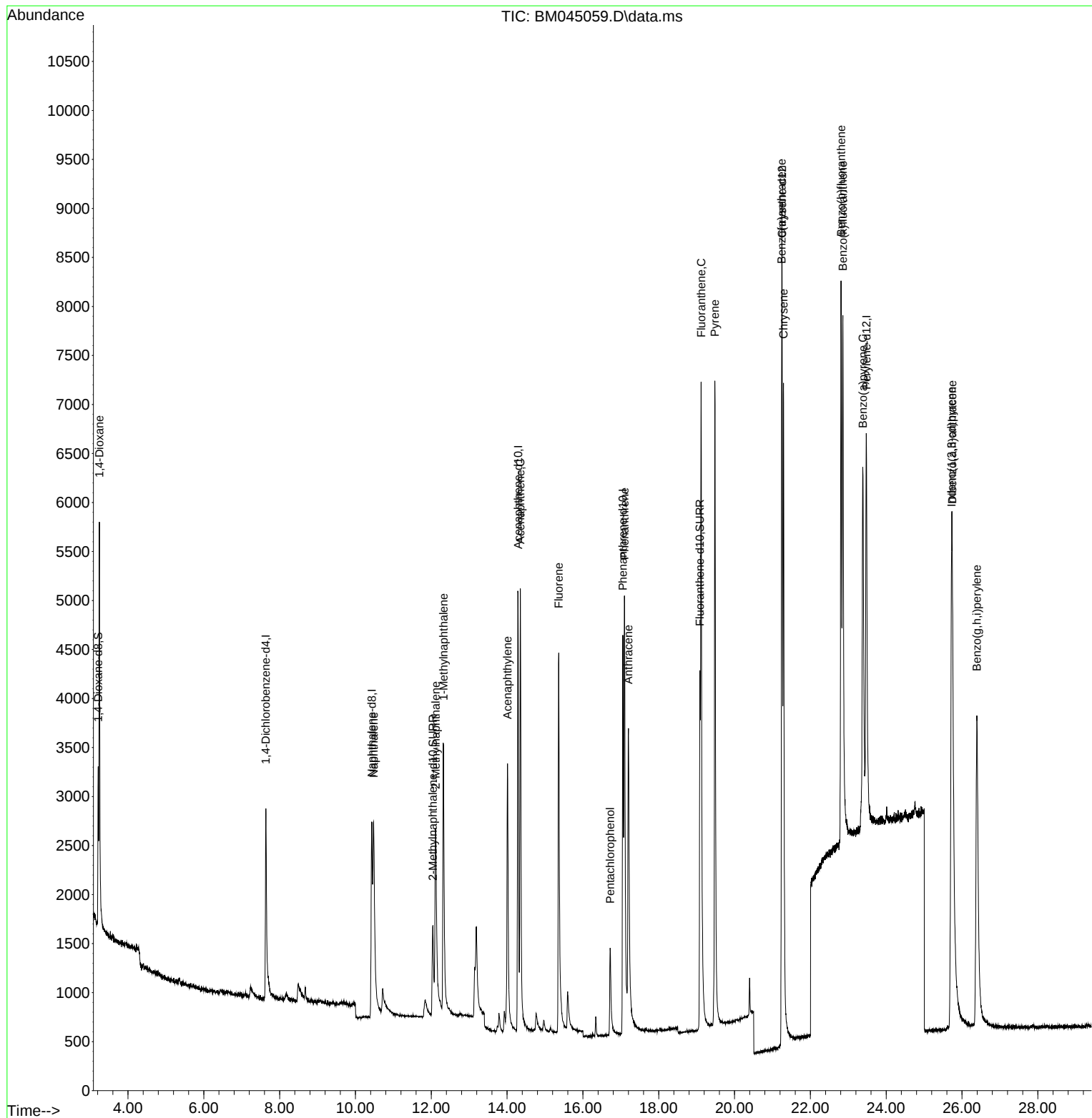
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1642	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.430	136	5416	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.288	164	3217	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.052	188	7168	0.400	ng/ul	0.00
17) Chrysene-d12	21.255	240	5677	0.400	ng/ul	0.00
23) Perylene-d12	23.476	264	6873	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	1214	0.563	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.041	152	2438	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.085	212	5800	0.404	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.243	88	2827	1.367	ng/ul#	82
5) Naphthalene	10.479	128	4365	0.304	ng/ul	97
7) 2-Methylnaphthalene	12.118	142	2737	0.319	ng/ul	99
8) 1-Methylnaphthalene	12.321	142	2825	0.301	ng/ul	98
10) Acenaphthylene	14.011	152	4742	0.295	ng/ul	97
11) Acenaphthene	14.348	153	3418	0.297	ng/ul	99
12) Fluorene	15.362	166	3875	0.301	ng/ul	99
14) Pentachlorophenol	16.718	266	1064	0.633	ng/ul	97
15) Phenanthrene	17.098	178	6254	0.310	ng/ul	100
16) Anthracene	17.199	178	6206	0.312	ng/ul	97
19) Fluoranthene	19.117	202	7602	0.375	ng/ul	99
20) Pyrene	19.480	202	7953	0.371	ng/ul	98
21) Benzo(a)anthracene	21.243	228	6419	0.325	ng/ul	98
22) Chrysene	21.290	228	8127	0.329	ng/ul	99
24) Benzo(b)fluoranthene	22.809	252	7953	0.320	ng/ul	97
25) Benzo(k)fluoranthene	22.856	252	9400	0.338	ng/ul	95
26) Benzo(a)pyrene	23.385	252	7984	0.337	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.723	276	10582	0.326	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.743	278	8343	0.324	ng/ul	92
29) Benzo(g,h,i)perylene	26.390	276	9363	0.334	ng/ul	96

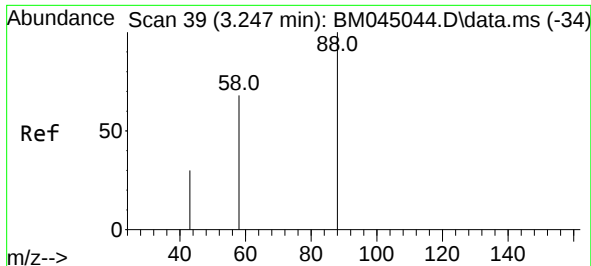
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040824\
Data File : BM045059.D
Acq On : 09 Apr 2024 02:28
Operator : MA/JU
Sample : PB160052BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS052

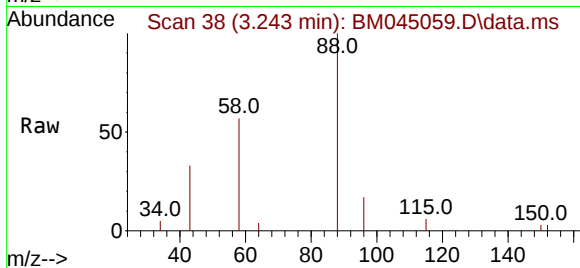
Quant Time: Apr 09 03:36:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 09 02:13:29 2024
Response via : Initial Calibration



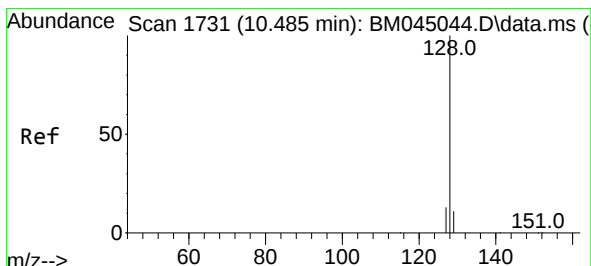
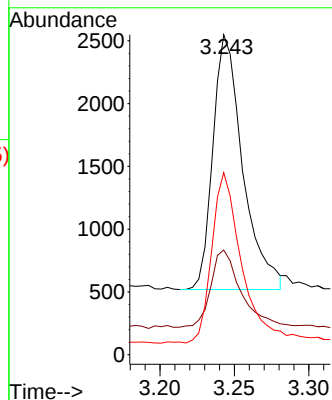
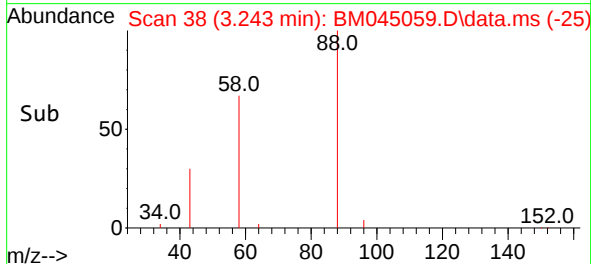


#2
1,4-Dioxane
Concen: 1.367 ng/ul
RT: 3.243 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

Instrument :
BNA_M
ClientSampleId :
SLCS052

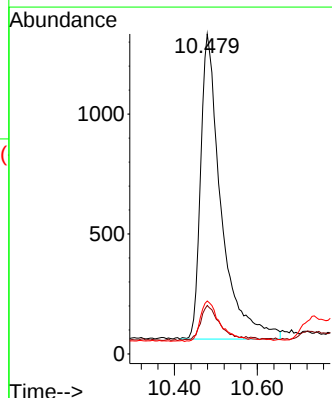
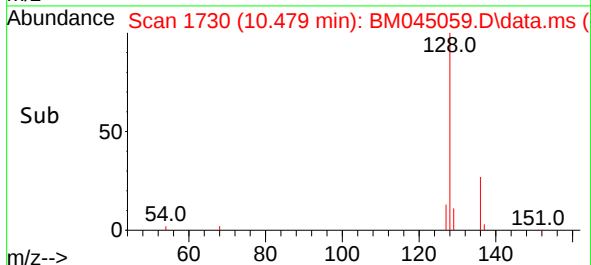
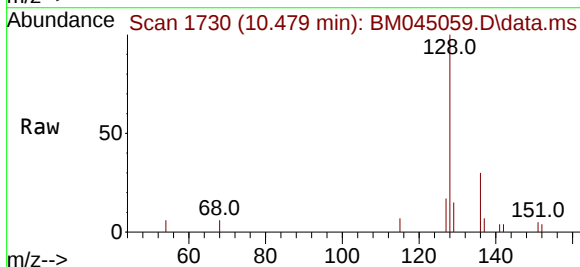


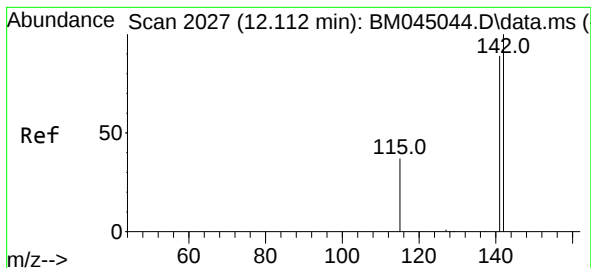
Tgt Ion: 88 Resp: 2827
Ion Ratio Lower Upper
88 100
43 32.7 30.6 46.0
58 56.9 32.6 48.8#



#5
Naphthalene
Concen: 0.304 ng/ul
RT: 10.479 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

Tgt Ion: 128 Resp: 4365
Ion Ratio Lower Upper
128 100
129 15.1 11.3 16.9
127 16.6 11.9 17.9

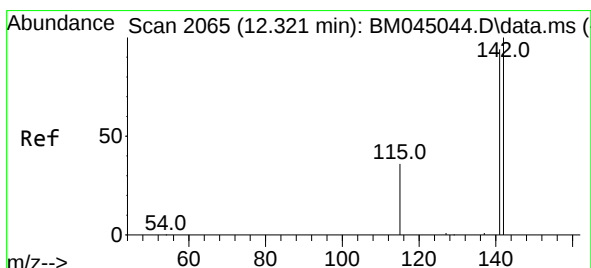
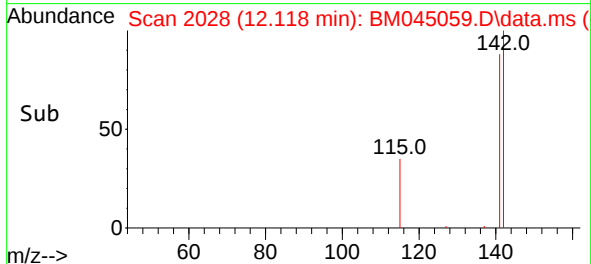
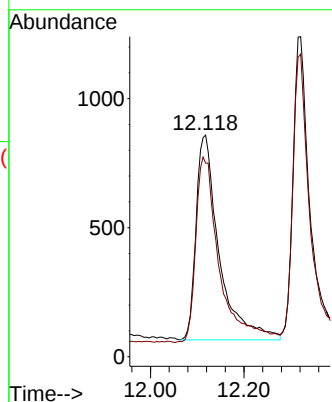
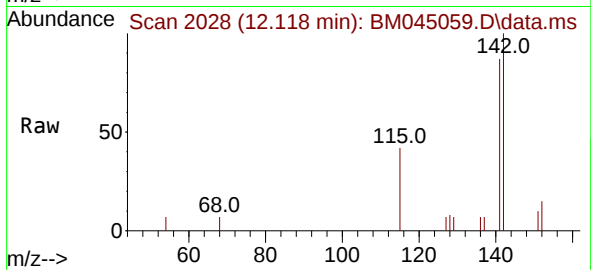




#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.118 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

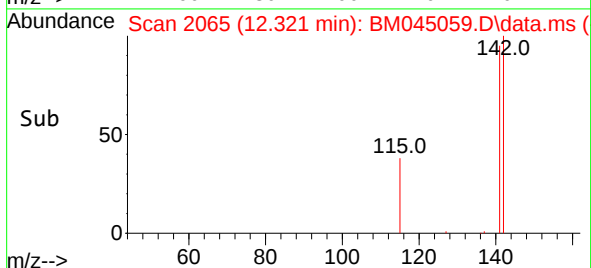
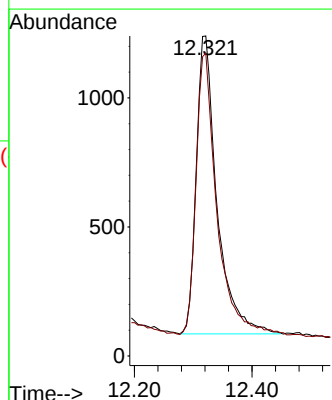
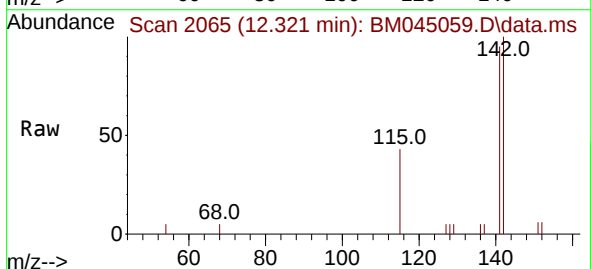
Instrument :
BNA_M
ClientSampleId :
SLCS052

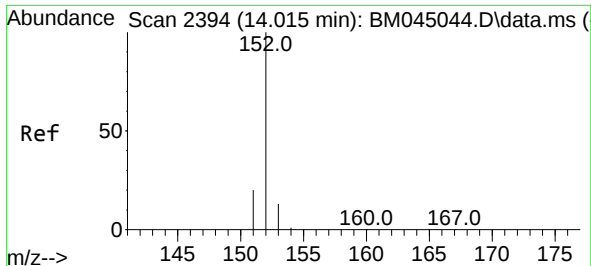
Tgt Ion:142 Resp: 2737
Ion Ratio Lower Upper
142 100
141 93.3 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.321 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

Tgt Ion:142 Resp: 2825
Ion Ratio Lower Upper
142 100
141 94.7 74.2 111.2

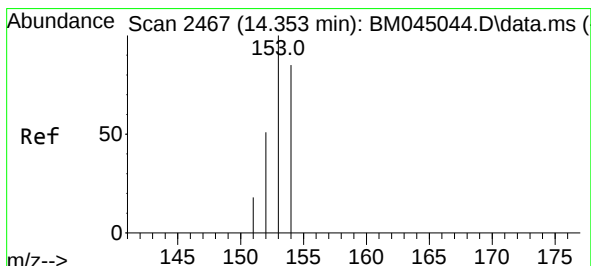
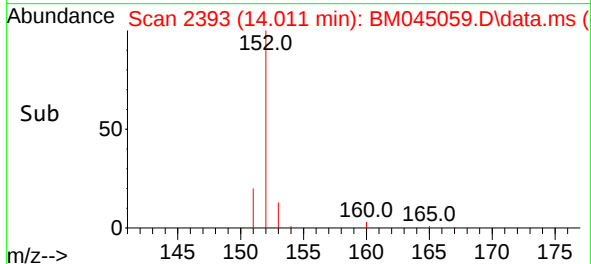
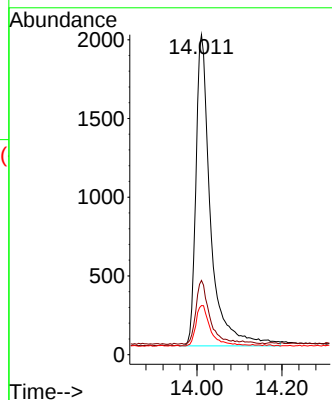
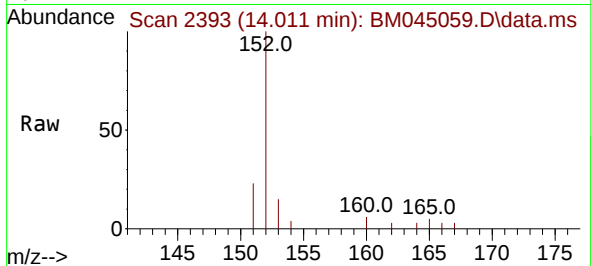




#10
Acenaphthylene
Concen: 0.295 ng/ul
RT: 14.011 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

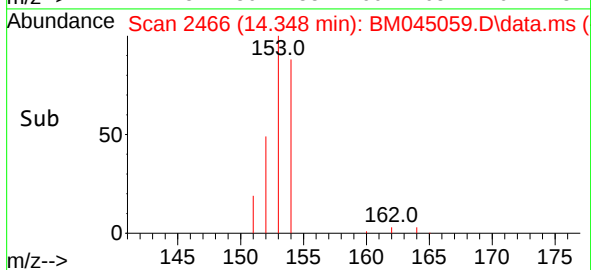
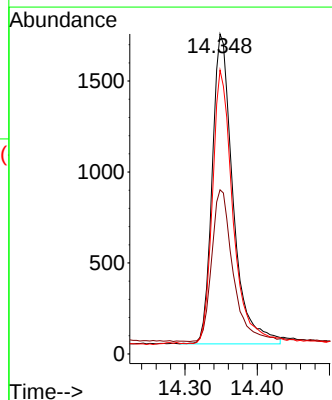
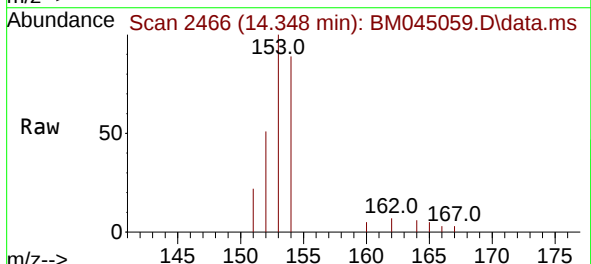
Instrument :
BNA_M
ClientSampleId :
SLCS052

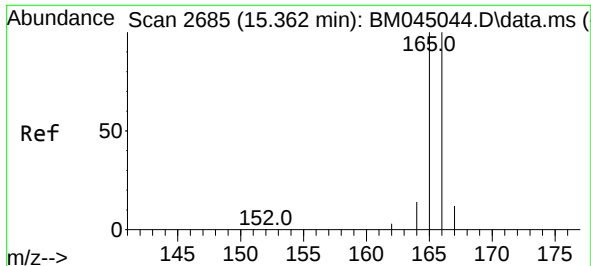
Tgt Ion:152 Resp: 4742
Ion Ratio Lower Upper
152 100
151 23.2 17.0 25.4
153 15.4 11.9 17.9



#11
Acenaphthene
Concen: 0.297 ng/ul
RT: 14.348 min Scan# 2466
Delta R.T. -0.005 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

Tgt Ion:153 Resp: 3418
Ion Ratio Lower Upper
153 100
152 51.3 41.2 61.8
154 88.7 69.4 104.0

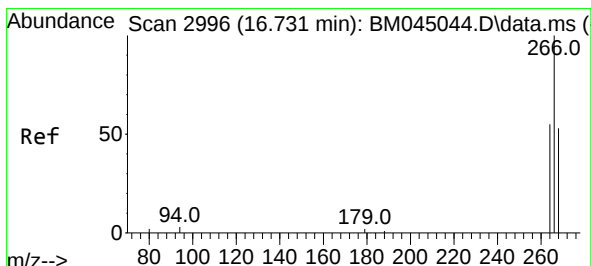
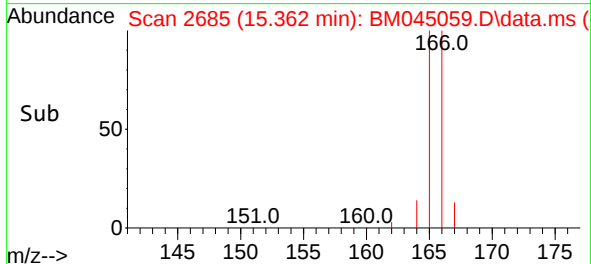
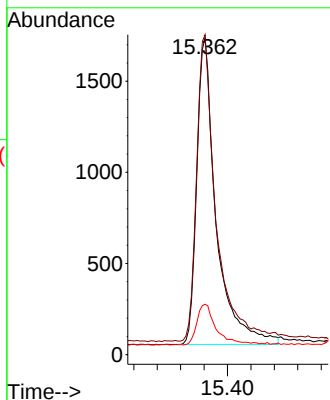
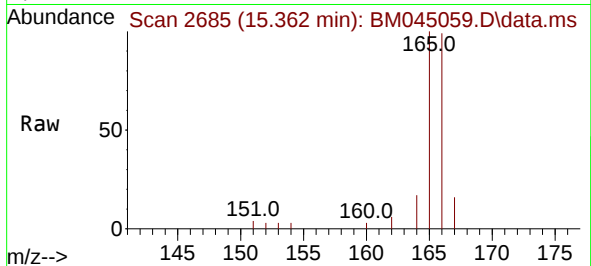




#12
Fluorene
Concen: 0.301 ng/ul
RT: 15.362 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

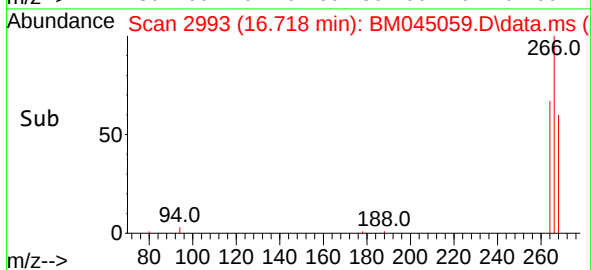
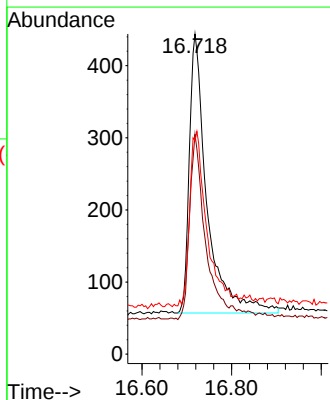
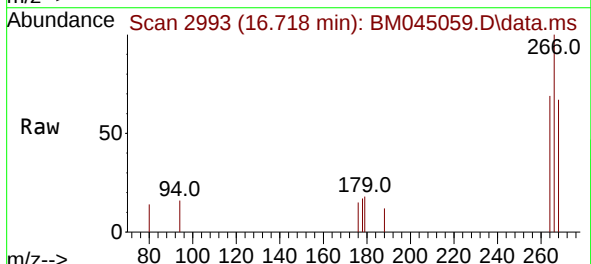
Instrument :
BNA_M
ClientSampleId :
SLCS052

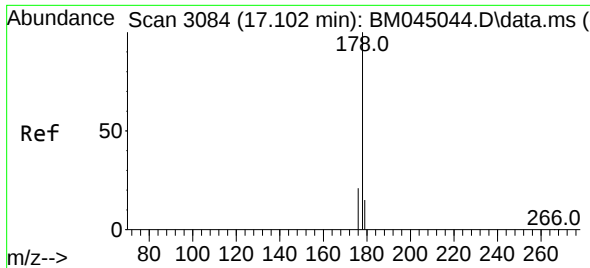
Tgt Ion:166 Resp: 3875
Ion Ratio Lower Upper
166 100
165 101.1 79.9 119.9
167 15.9 12.2 18.2



#14
Pentachlorophenol
Concen: 0.633 ng/ul
RT: 16.718 min Scan# 2993
Delta R.T. -0.013 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

Tgt Ion:266 Resp: 1064
Ion Ratio Lower Upper
266 100
264 62.0 48.3 72.5
268 62.8 52.6 79.0

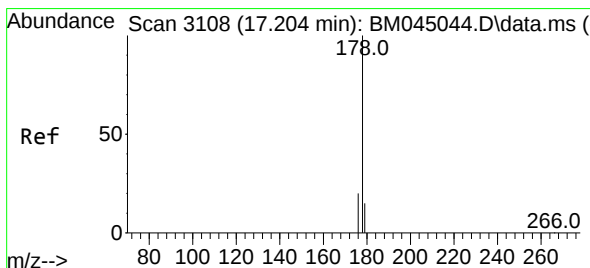
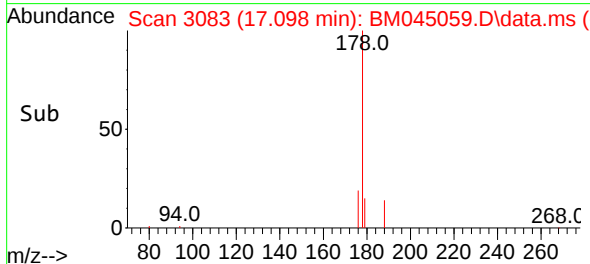
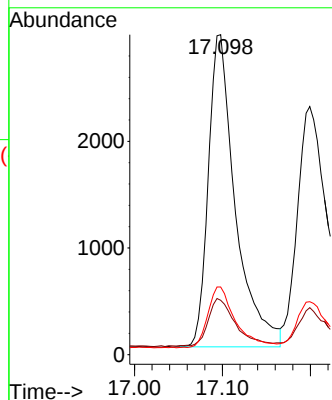
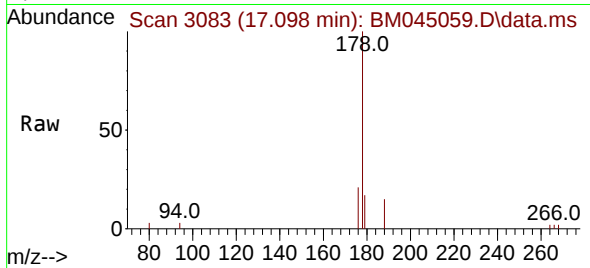




#15
Phenanthrene
Concen: 0.310 ng/ul
RT: 17.098 min Scan# 3083
Delta R.T. -0.004 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

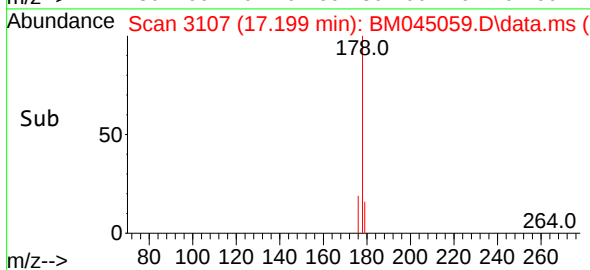
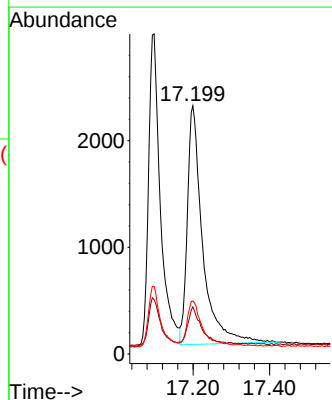
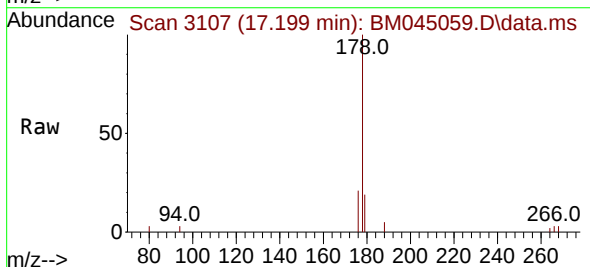
Instrument :
BNA_M
ClientSampleId :
SLCS052

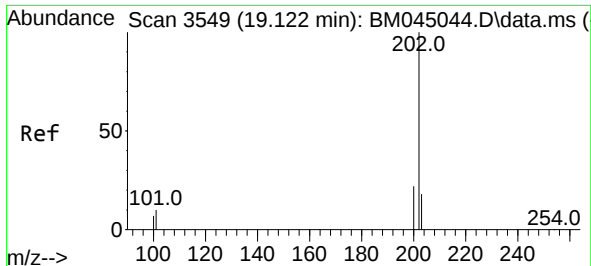
Tgt Ion:178 Resp: 6254
Ion Ratio Lower Upper
178 100
179 17.0 13.7 20.5
176 21.1 17.0 25.4



#16
Anthracene
Concen: 0.312 ng/ul
RT: 17.199 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

Tgt Ion:178 Resp: 6206
Ion Ratio Lower Upper
178 100
179 19.0 13.8 20.8
176 21.3 16.2 24.4





#19

Fluoranthene

Concen: 0.375 ng/ul

RT: 19.117 min Scan# 3548

Delta R.T. -0.005 min

Lab File: BM045059.D

Acq: 09 Apr 2024 02:28

Instrument :

BNA_M

ClientSampleId :

SLCS052

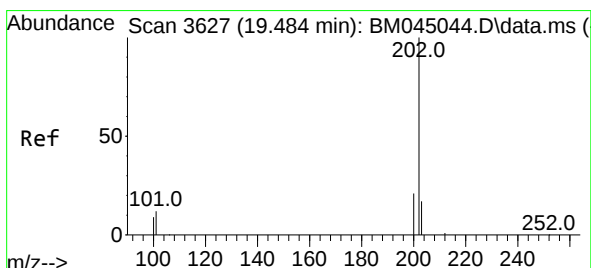
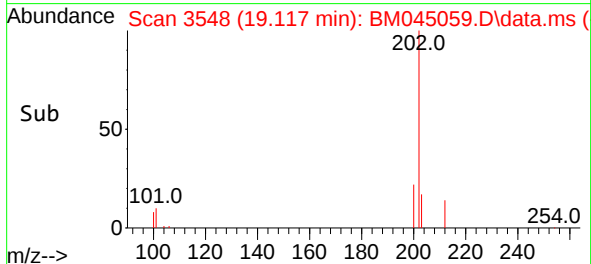
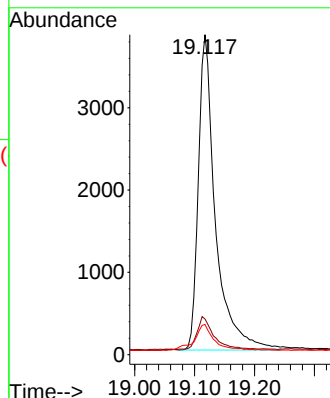
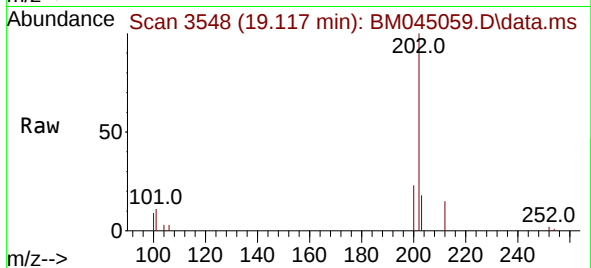
Tgt Ion:202 Resp: 7602

Ion Ratio Lower Upper

202 100

101 11.1 8.8 13.2

100 9.5 7.0 10.4



#20

Pyrene

Concen: 0.371 ng/ul

RT: 19.480 min Scan# 3626

Delta R.T. -0.005 min

Lab File: BM045059.D

Acq: 09 Apr 2024 02:28

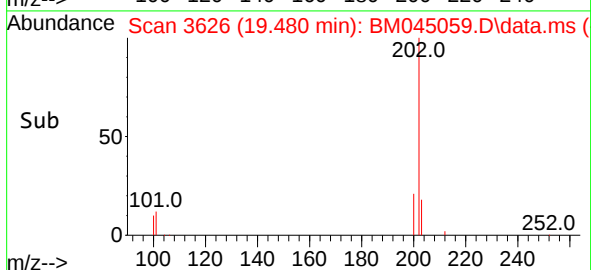
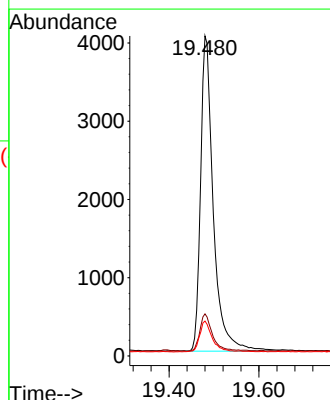
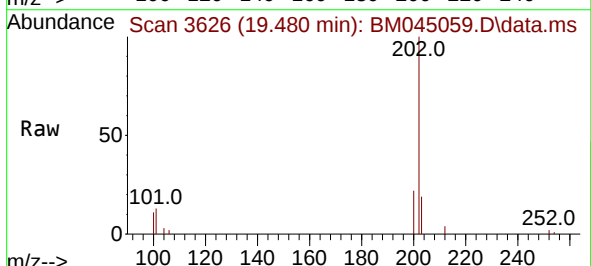
Tgt Ion:202 Resp: 7953

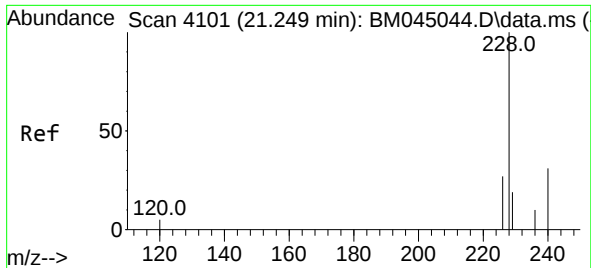
Ion Ratio Lower Upper

202 100

101 13.2 9.8 14.6

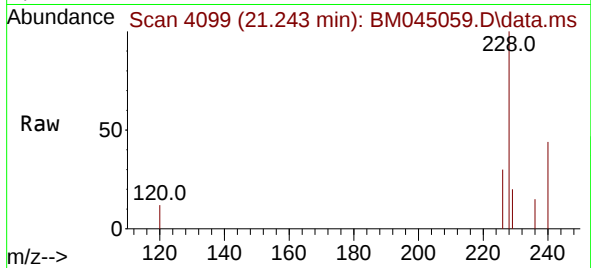
100 10.9 8.1 12.1



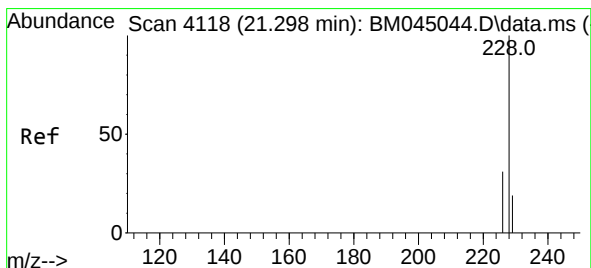
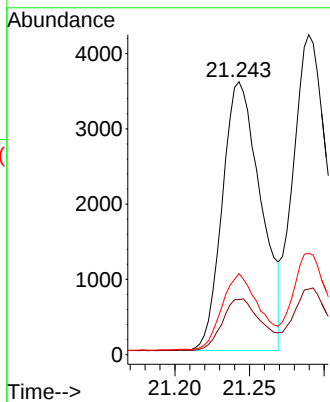
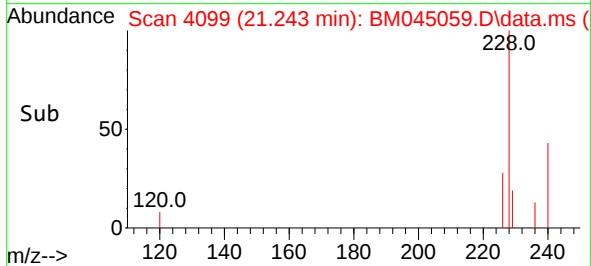


#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.243 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

Instrument :
BNA_M
ClientSampleId :
SLCS052

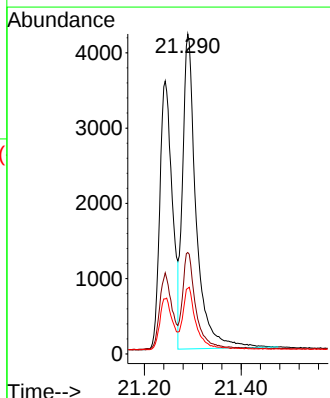
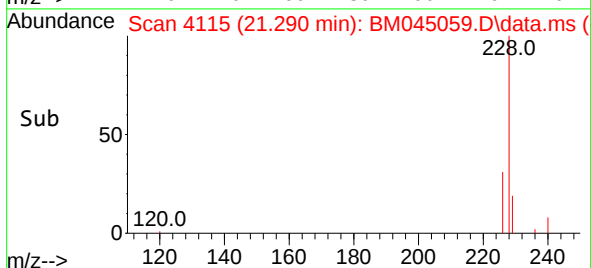
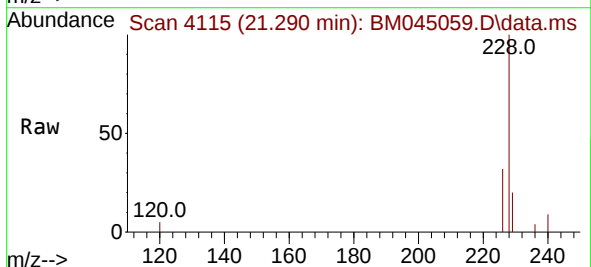


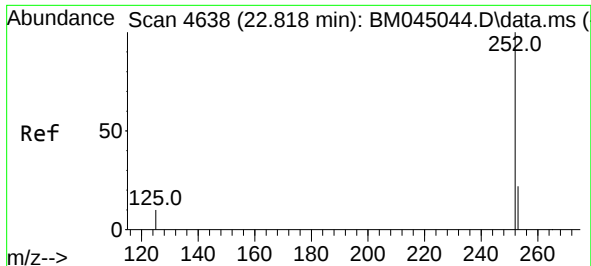
Tgt Ion:228 Resp: 6419
Ion Ratio Lower Upper
228 100
229 20.1 16.4 24.6
226 29.7 22.3 33.5



#22
Chrysene
Concen: 0.329 ng/ul
RT: 21.290 min Scan# 4115
Delta R.T. -0.009 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

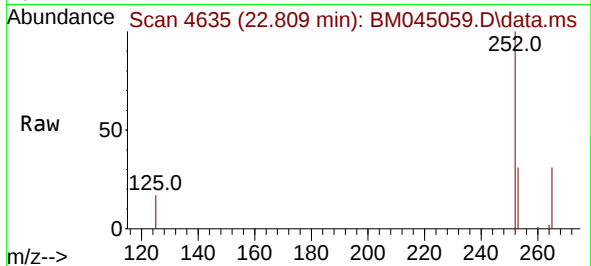
Tgt Ion:228 Resp: 8127
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 20.5 15.9 23.9



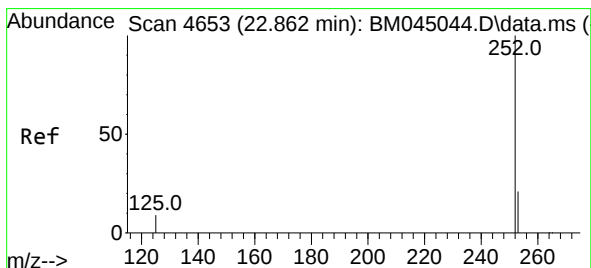
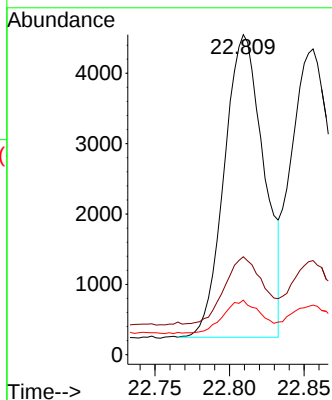
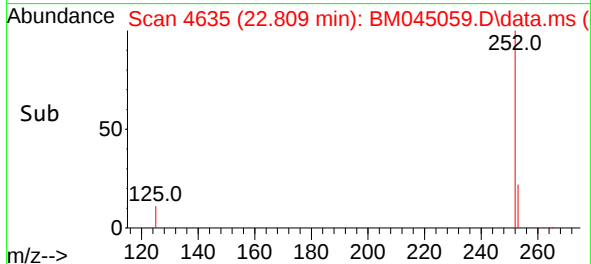


#24
Benzo(b)fluoranthene
Concen: 0.320 ng/ul
RT: 22.809 min Scan# 4635
Delta R.T. -0.009 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

Instrument :
BNA_M
ClientSampleId :
SLCS052

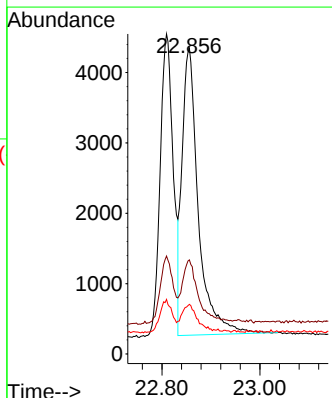
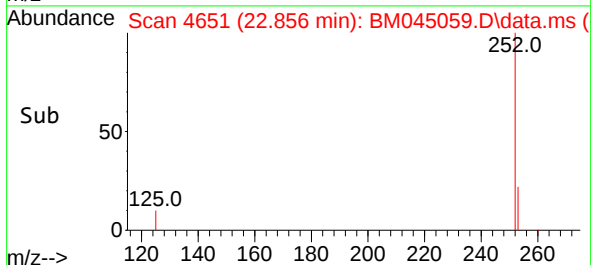
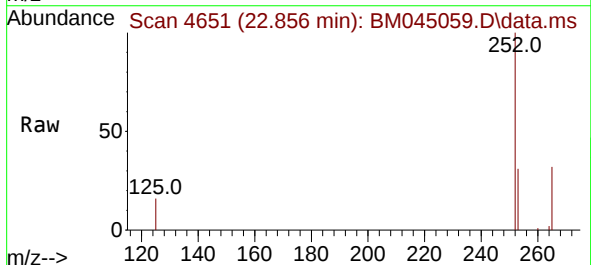


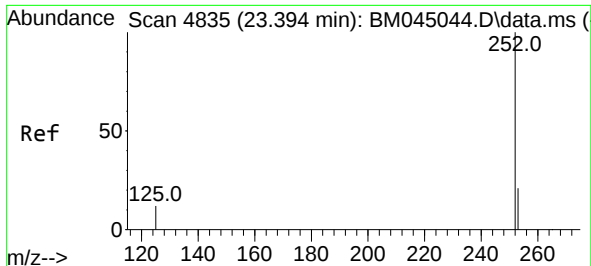
Tgt Ion:252 Resp: 7953
Ion Ratio Lower Upper
252 100
253 30.6 0.0 56.4
125 17.1 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.338 ng/ul
RT: 22.856 min Scan# 4651
Delta R.T. -0.006 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

Tgt Ion:252 Resp: 9400
Ion Ratio Lower Upper
252 100
253 30.8 22.3 33.5
125 16.2 11.6 17.4

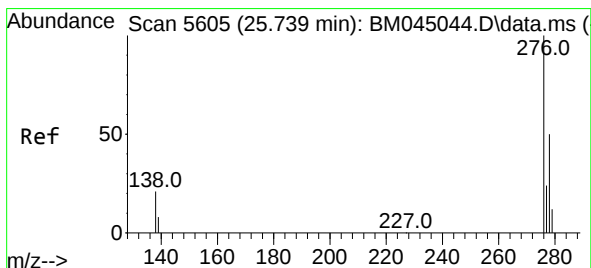
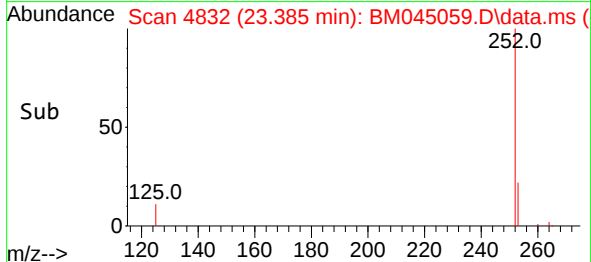
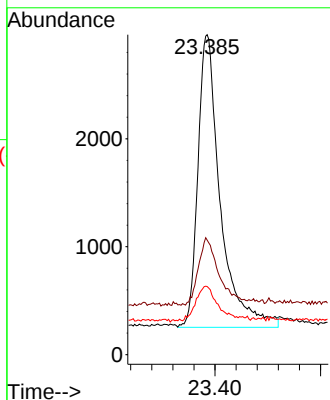
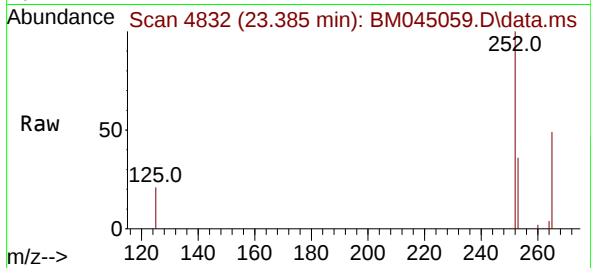




#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.385 min Scan# 4832
Delta R.T. -0.009 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

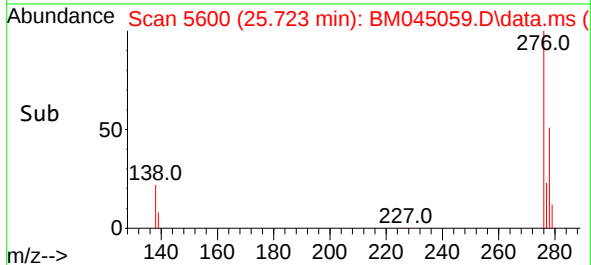
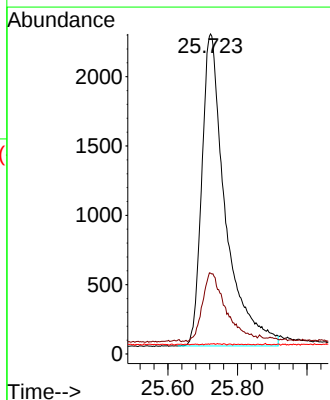
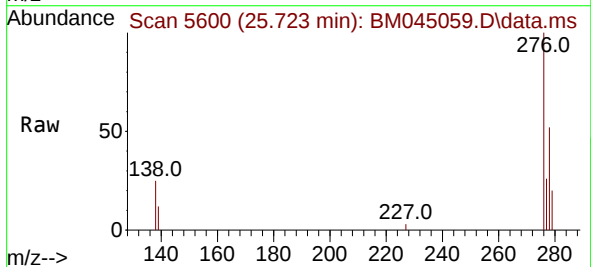
Instrument :
BNA_M
ClientSampleId :
SLCS052

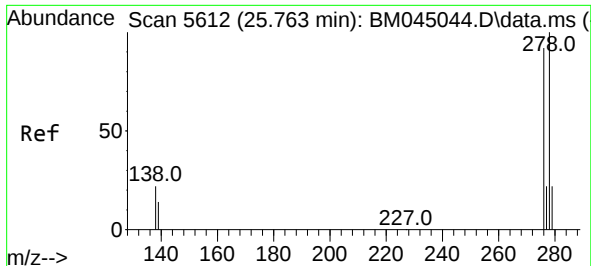
Tgt Ion:252 Resp: 7984
Ion Ratio Lower Upper
252 100
253 35.8 24.6 37.0
125 21.3 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 25.723 min Scan# 5600
Delta R.T. -0.017 min
Lab File: BM045059.D
Acq: 09 Apr 2024 02:28

Tgt Ion:276 Resp: 10582
Ion Ratio Lower Upper
276 100
138 22.0 0.0 0.0#
227 0.1 0.1 0.1#

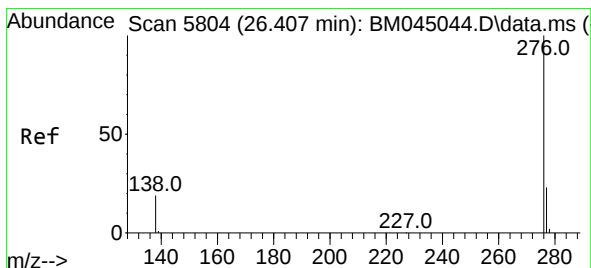
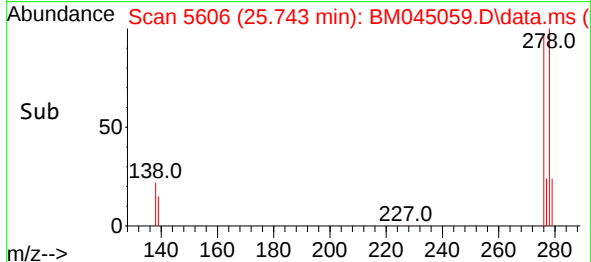
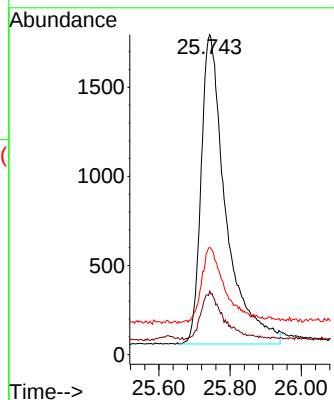
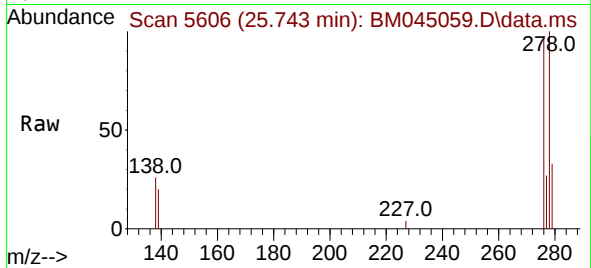




#28
 Dibenzo(a,h)anthracene
 Concen: 0.324 ng/ul
 RT: 25.743 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM045059.D
 Acq: 09 Apr 2024 02:28

Instrument :
 BNA_M
 ClientSampleId :
 SLCS052

Tgt Ion:278 Resp: 8343
 Ion Ratio Lower Upper
 278 100
 139 19.8 13.6 20.4
 279 33.5 23.0 34.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.334 ng/ul
 RT: 26.390 min Scan# 5799
 Delta R.T. -0.017 min
 Lab File: BM045059.D
 Acq: 09 Apr 2024 02:28

Tgt Ion:276 Resp: 9363
 Ion Ratio Lower Upper
 276 100
 138 23.1 16.8 25.2
 277 26.8 20.3 30.5

