

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048180.D
 Acq On : 22 Oct 2024 06:53
 Operator : RC/JU
 Sample : PB164049BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS049

Quant Time: Oct 22 07:21:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 23:11:55 2024
 Response via : Initial Calibration

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

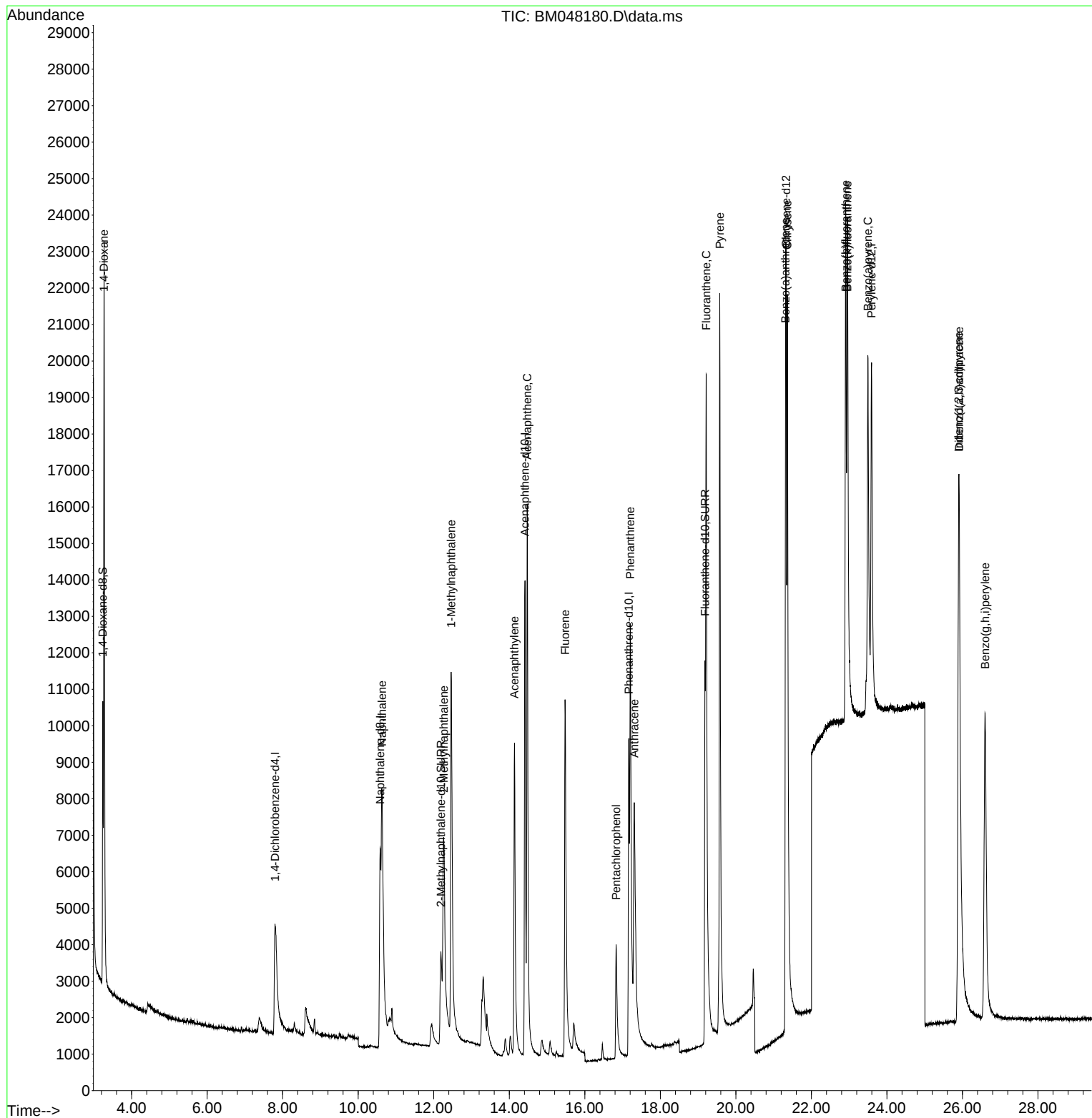
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	5336	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	18236	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.414	164	10415	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.167	188	21036	0.400	ng/ul	0.00
17) Chrysene-d12	21.330	240	16234	0.400	ng/ul	0.00
23) Perylene-d12	23.592	264	17082	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	5362	0.739	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	9238	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.183	212	19637	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	15044	1.766	ng/ul#	84
5) Naphthalene	10.629	128	17477	0.353	ng/ul	100
7) 2-Methylnaphthalene	12.262	142	10179	0.359	ng/ul	99
8) 1-Methylnaphthalene	12.460	142	13105	0.402	ng/ul	99
10) Acenaphthylene	14.137	152	16296	0.339	ng/ul	99
11) Acenaphthene	14.474	153	12421	0.361	ng/ul	99
12) Fluorene	15.478	166	13173	0.358	ng/ul	99
14) Pentachlorophenol	16.829	266	4317	0.611	ng/ul	99
15) Phenanthrene	17.205	178	18377	0.346	ng/ul	99
16) Anthracene	17.310	178	17387	0.346	ng/ul	99
19) Fluoranthene	19.216	202	24964	0.392	ng/ul	99
20) Pyrene	19.574	202	27033	0.395	ng/ul	99
21) Benzo(a)anthracene	21.315	228	19417	0.388	ng/ul	99
22) Chrysene	21.365	228	27872	0.366	ng/ul	99
24) Benzo(b)fluoranthene	22.908	252	21839	0.334	ng/ul	99
25) Benzo(k)fluoranthene	22.955	252	25942	0.327	ng/ul	98
26) Benzo(a)pyrene	23.496	252	21547	0.395	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.900	276	29017	0.355	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.913	278	22060	0.354	ng/ul	98
29) Benzo(g,h,i)perylene	26.601	276	24443	0.358	ng/ul	98

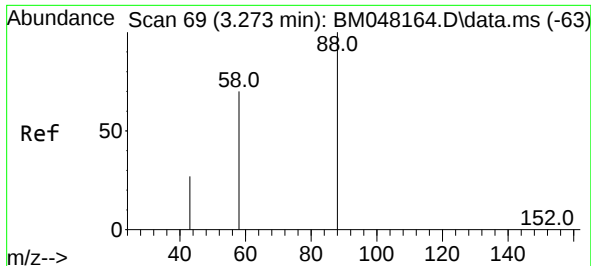
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048180.D
Acq On : 22 Oct 2024 06:53
Operator : RC/JU
Sample : PB164049BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS049

Quant Time: Oct 22 07:21:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

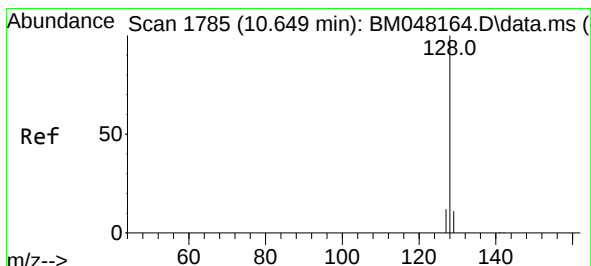
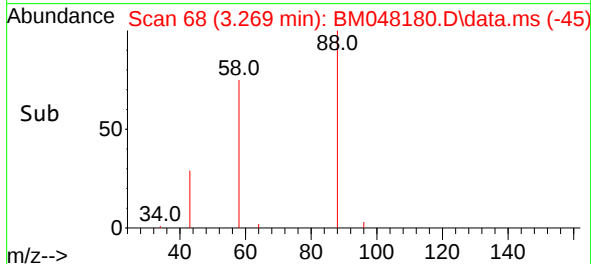
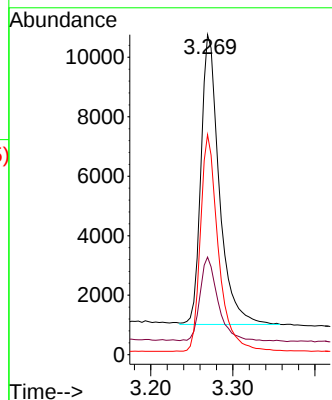
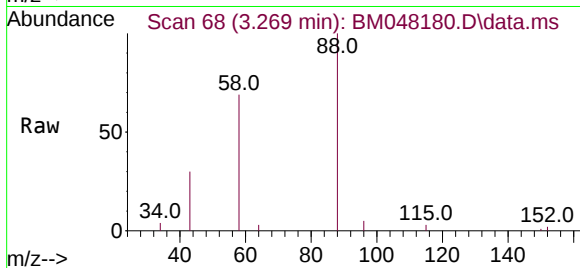




#2
1,4-Dioxane
Concen: 1.766 ng/ul
RT: 3.269 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

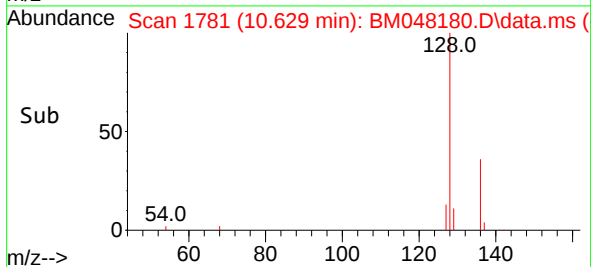
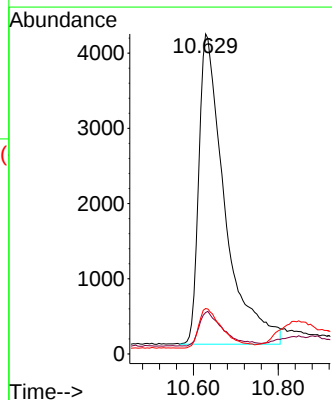
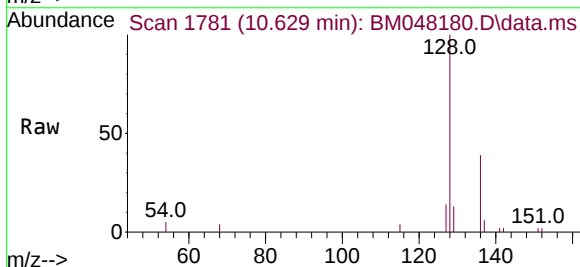
Instrument :
BNA_M
ClientSampleId :
SLCS049

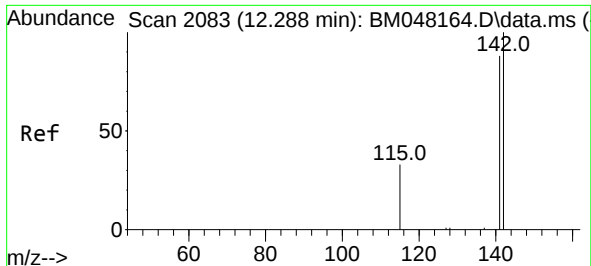
Tgt Ion: 88 Resp: 15044
Ion Ratio Lower Upper
88 100
43 30.5 27.7 41.5
58 68.8 42.5 63.7#



#5
Naphthalene
Concen: 0.353 ng/ul
RT: 10.629 min Scan# 1781
Delta R.T. -0.010 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

Tgt Ion:128 Resp: 17477
Ion Ratio Lower Upper
128 100
129 12.9 10.6 15.8
127 14.2 11.3 16.9

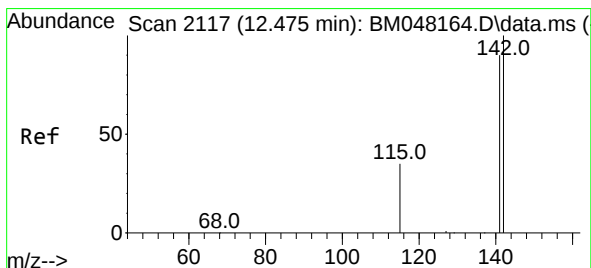
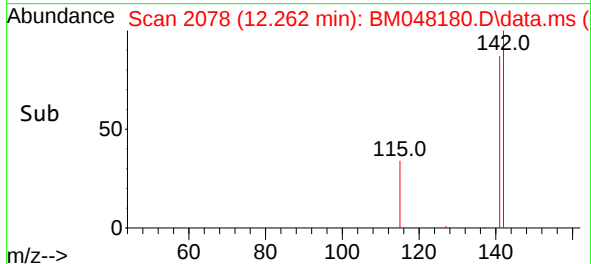
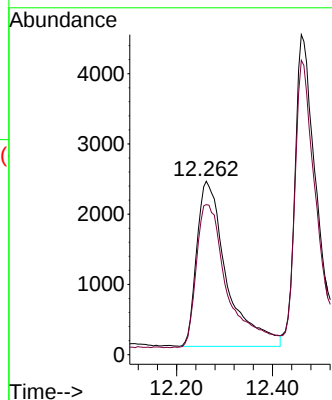
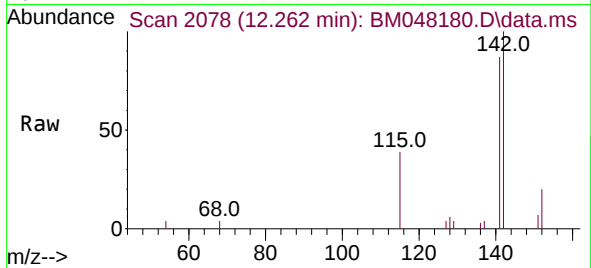




#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.262 min Scan# 2083
Delta R.T. -0.010 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

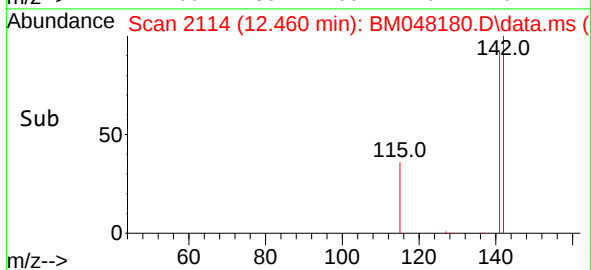
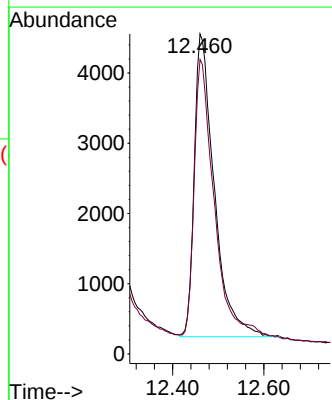
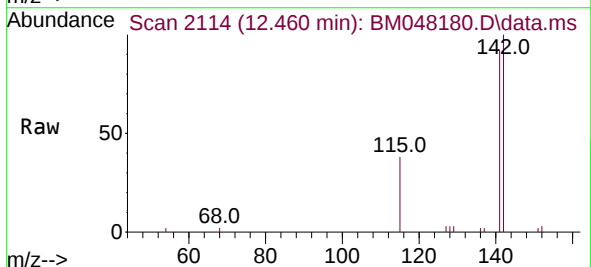
Instrument :
BNA_M
ClientSampleId :
SLCS049

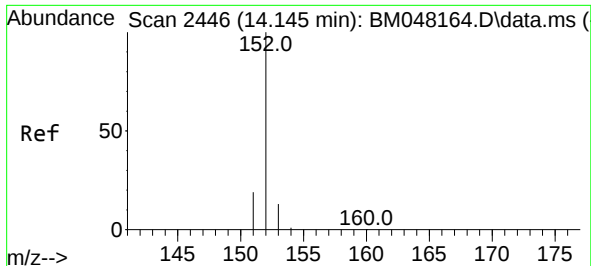
Tgt Ion:142 Resp: 10179
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.460 min Scan# 2114
Delta R.T. -0.010 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

Tgt Ion:142 Resp: 13105
Ion Ratio Lower Upper
142 100
141 93.0 73.8 110.6

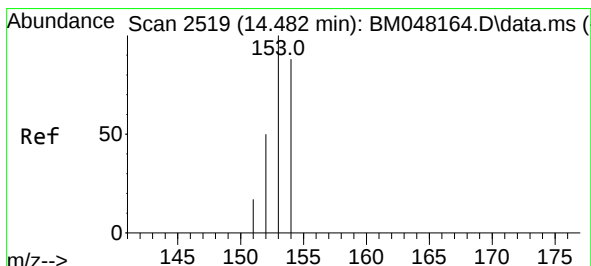
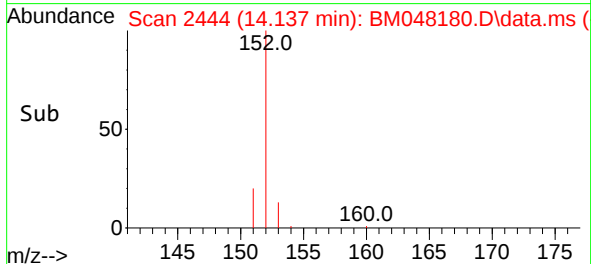
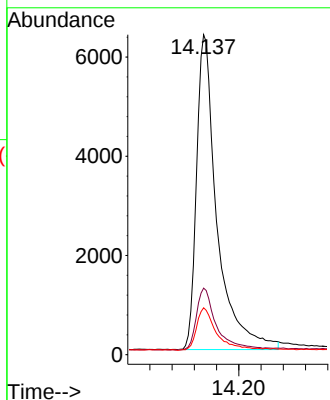
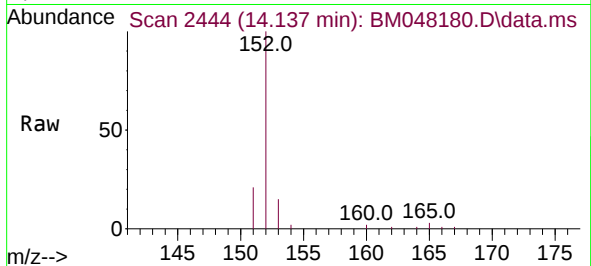




#10
Acenaphthylene
Concen: 0.339 ng/ul
RT: 14.137 min Scan# 2446
Delta R.T. -0.008 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

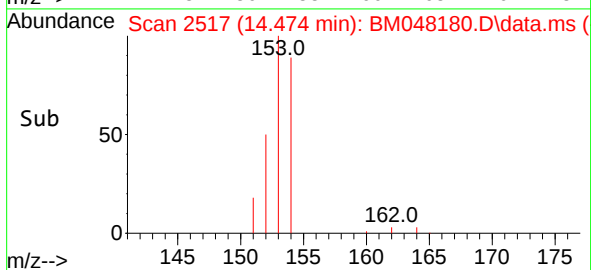
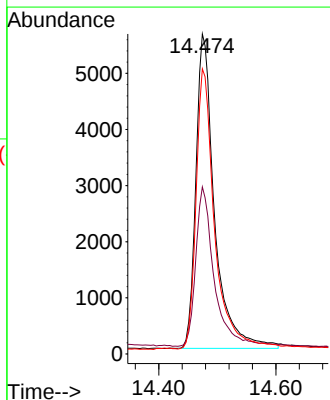
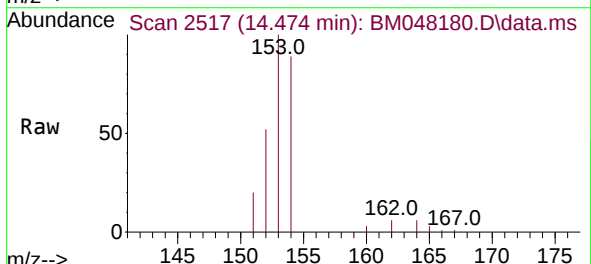
Instrument :
BNA_M
ClientSampleId :
SLCS049

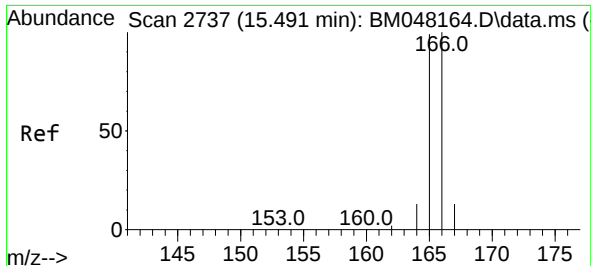
Tgt Ion:152 Resp: 16296
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 14.6 11.7 17.5



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.474 min Scan# 2517
Delta R.T. -0.008 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

Tgt Ion:153 Resp: 12421
Ion Ratio Lower Upper
153 100
152 52.2 40.9 61.3
154 89.1 71.0 106.4

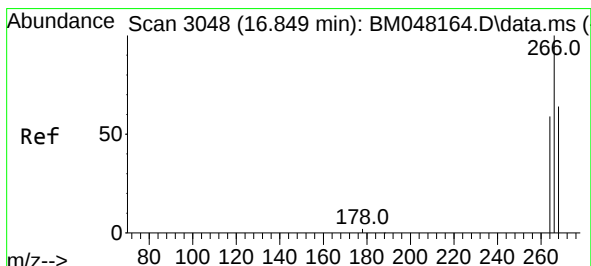
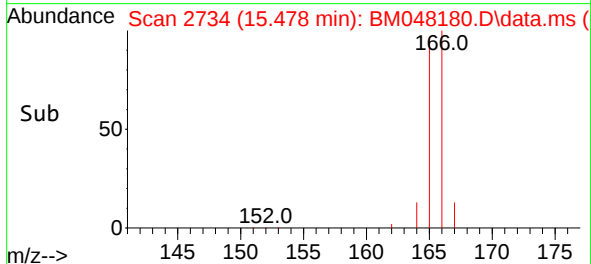
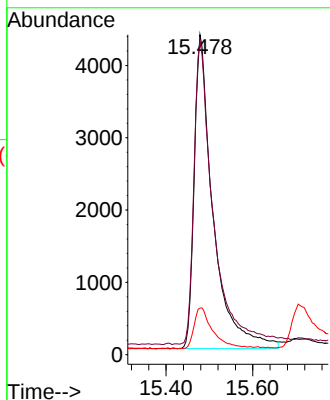
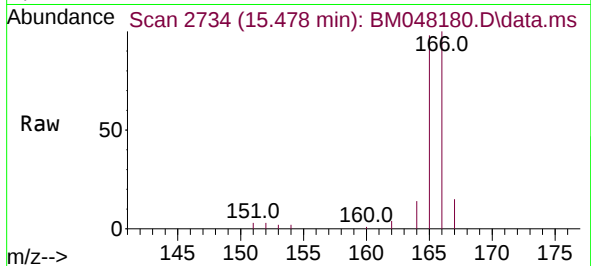




#12
 Fluorene
 Concen: 0.358 ng/ul
 RT: 15.478 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BM048180.D
 Acq: 22 Oct 2024 06:53

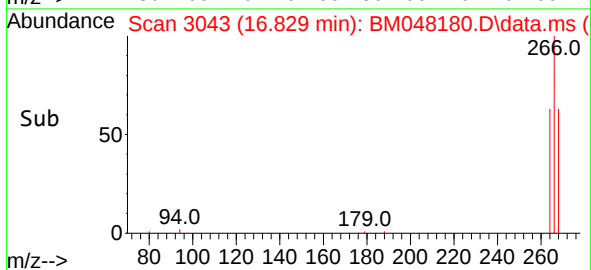
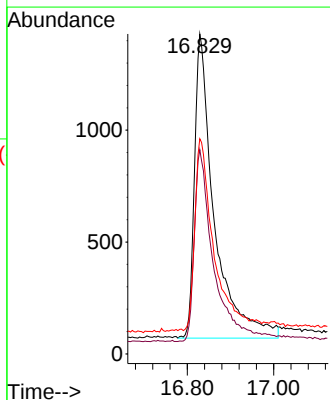
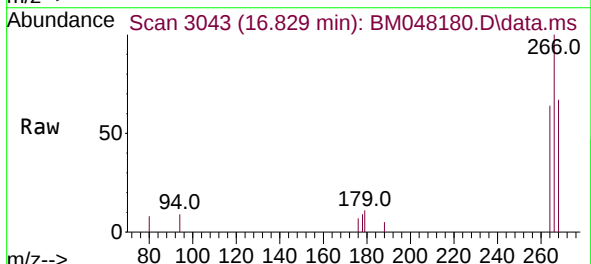
Instrument :
 BNA_M
 ClientSampleId :
 SLCS049

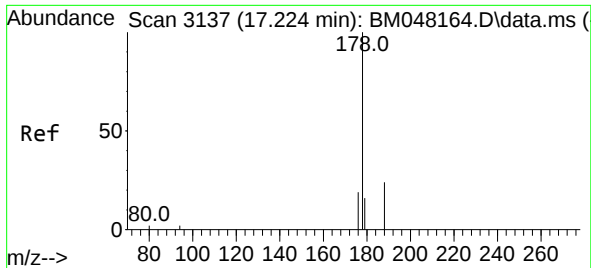
Tgt Ion:166 Resp: 13173
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.1 118.7
 167 14.6 12.0 18.0



#14
 Pentachlorophenol
 Concen: 0.611 ng/ul
 RT: 16.829 min Scan# 3043
 Delta R.T. -0.011 min
 Lab File: BM048180.D
 Acq: 22 Oct 2024 06:53

Tgt Ion:266 Resp: 4317
 Ion Ratio Lower Upper
 266 100
 264 62.0 50.2 75.2
 268 63.8 51.8 77.6

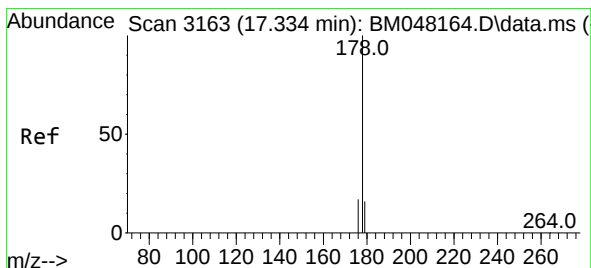
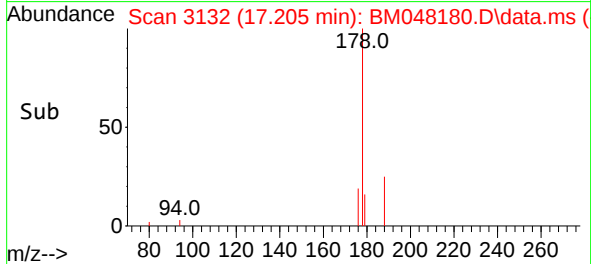
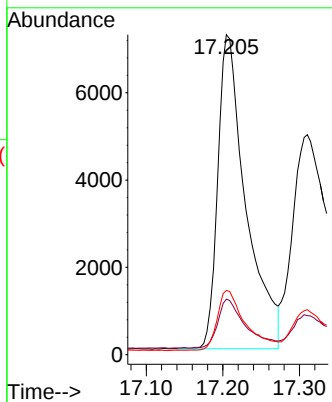
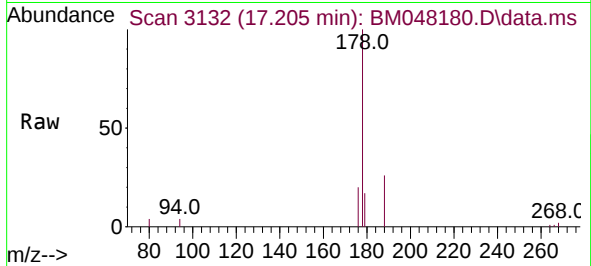




#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.205 min Scan# 3137
Delta R.T. -0.011 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

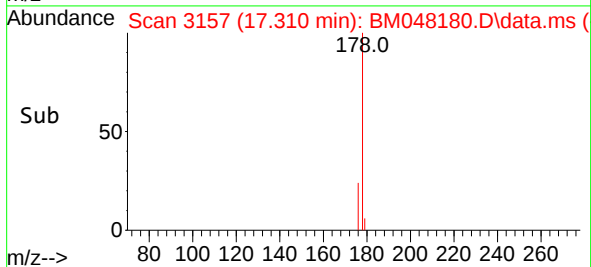
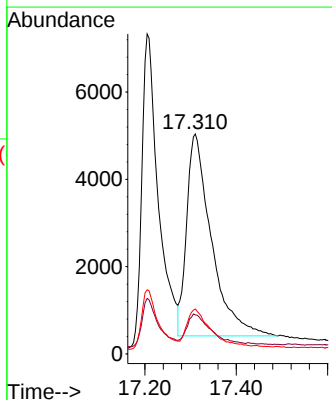
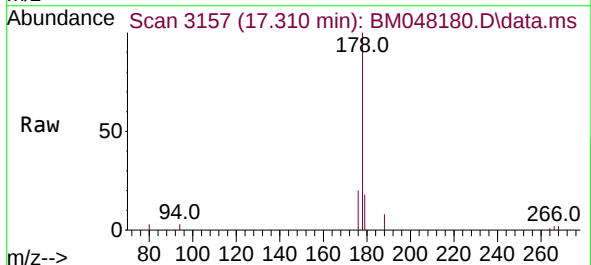
Instrument :
BNA_M
ClientSampleId :
SLCS049

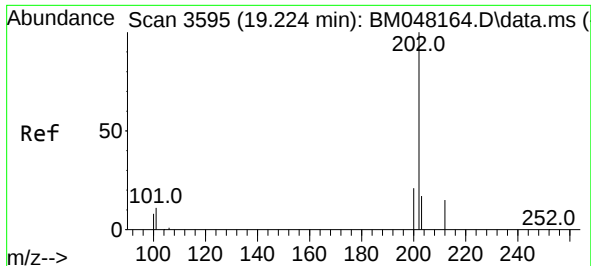
Tgt Ion:178 Resp: 18377
Ion Ratio Lower Upper
178 100
179 17.3 13.2 19.8
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.346 ng/ul
RT: 17.310 min Scan# 3157
Delta R.T. -0.011 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

Tgt Ion:178 Resp: 17387
Ion Ratio Lower Upper
178 100
179 17.8 14.5 21.7
176 20.4 16.0 24.0

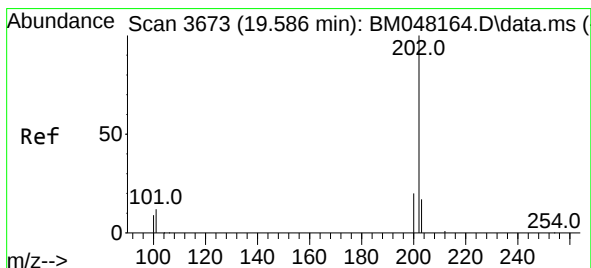
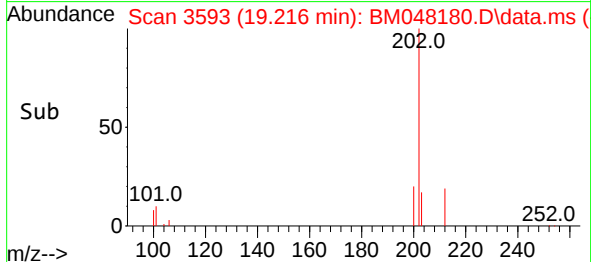
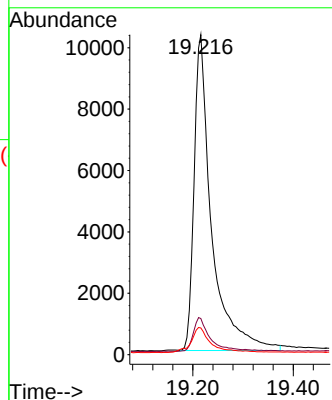
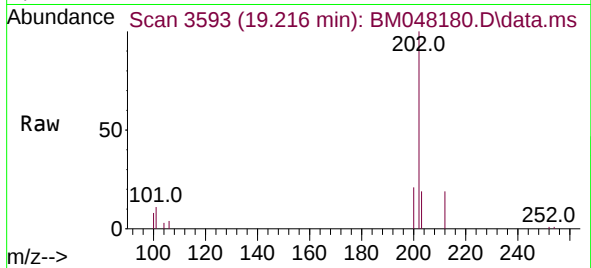




#19
Fluoranthene
Concen: 0.392 ng/u1
RT: 19.216 min Scan# 3593
Delta R.T. -0.003 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

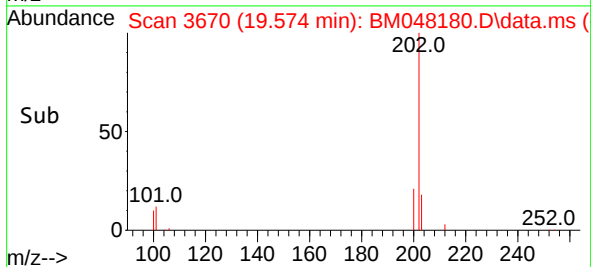
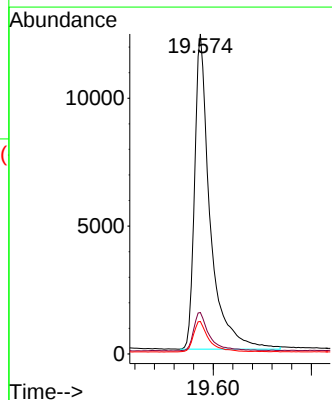
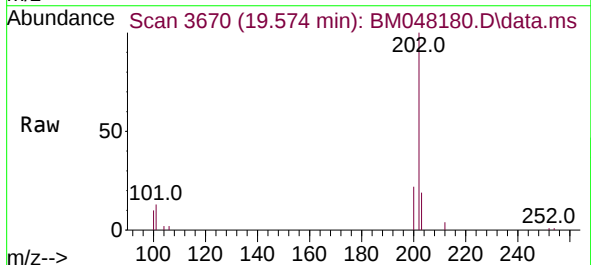
Instrument :
BNA_M
ClientSampleId :
SLCS049

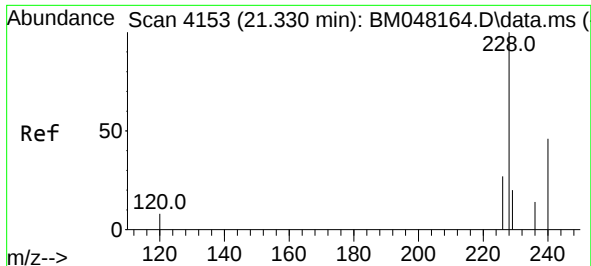
Tgt Ion:202 Resp: 24964
Ion Ratio Lower Upper
202 100
101 11.3 9.3 13.9
100 8.3 7.1 10.7



#20
Pyrene
Concen: 0.395 ng/u1
RT: 19.574 min Scan# 3670
Delta R.T. -0.008 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

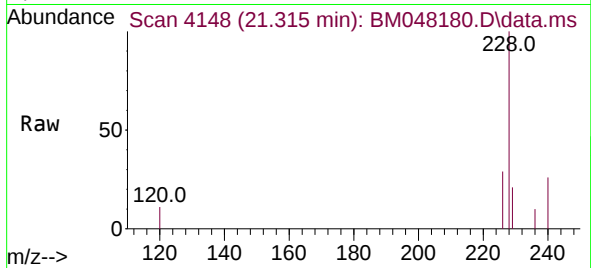
Tgt Ion:202 Resp: 27033
Ion Ratio Lower Upper
202 100
101 13.0 10.6 16.0
100 10.1 8.1 12.1



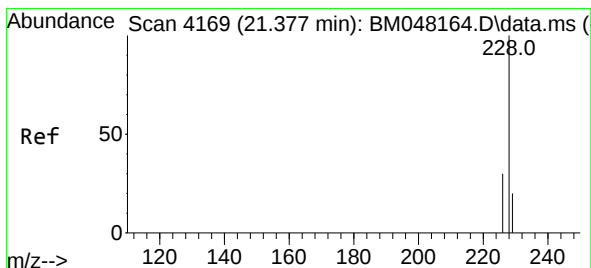
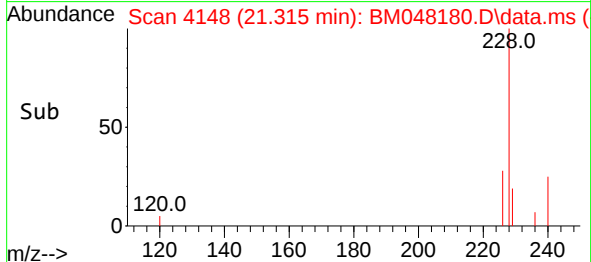
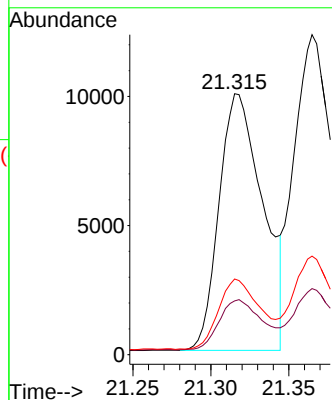


#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.315 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

Instrument :
BNA_M
ClientSampleId :
SLCS049

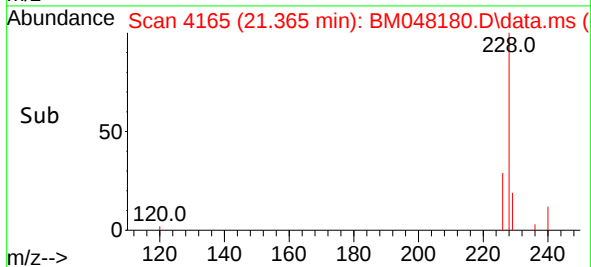
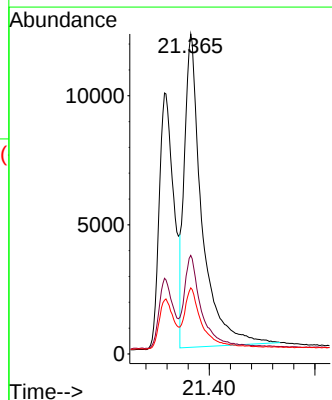
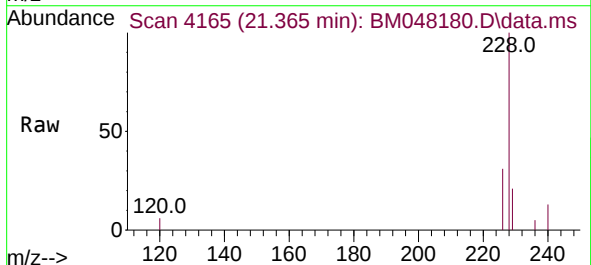


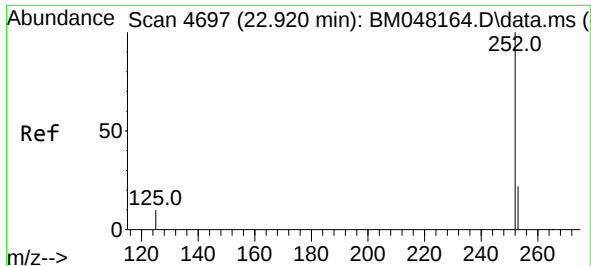
Tgt Ion:228 Resp: 19417
Ion Ratio Lower Upper
228 100
229 20.6 16.4 24.6
226 29.0 22.5 33.7



#22
Chrysene
Concen: 0.366 ng/ul
RT: 21.365 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

Tgt Ion:228 Resp: 27872
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 20.7 16.1 24.1

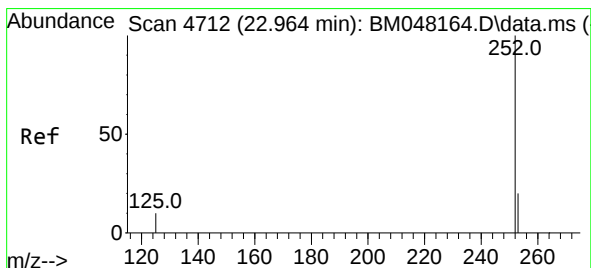
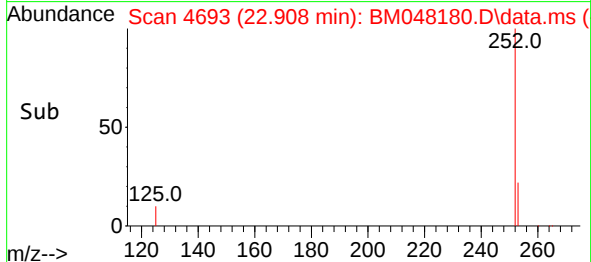
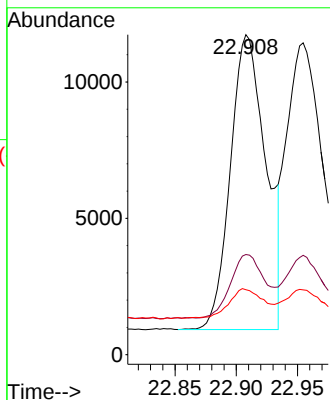
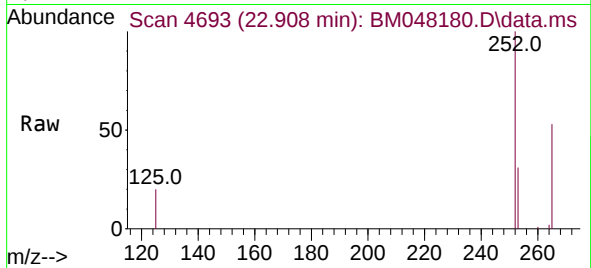




#24
Benzo(b)fluoranthene
Concen: 0.334 ng/ul
RT: 22.908 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

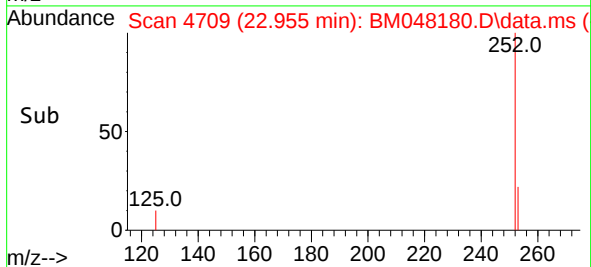
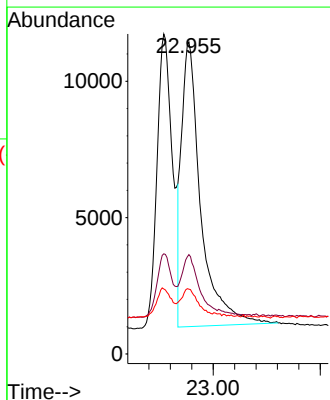
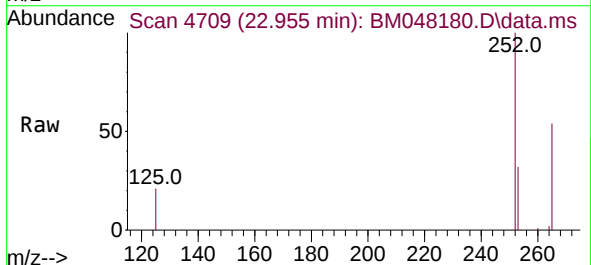
Instrument :
BNA_M
ClientSampleId :
SLCS049

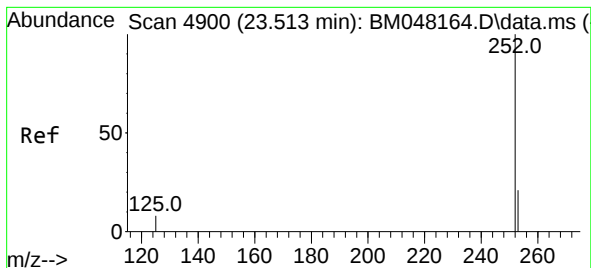
Tgt Ion:252 Resp: 21839
Ion Ratio Lower Upper
252 100
253 31.3 0.0 61.6
125 20.3 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.327 ng/ul
RT: 22.955 min Scan# 4709
Delta R.T. -0.006 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

Tgt Ion:252 Resp: 25942
Ion Ratio Lower Upper
252 100
253 31.9 24.4 36.6
125 20.8 16.8 25.2





#26

Benzo(a)pyrene

Concen: 0.395 ng/ul

RT: 23.496 min Scan# 4894

Delta R.T. -0.009 min

Lab File: BM048180.D

Acq: 22 Oct 2024 06:53

Instrument :

BNA_M

ClientSampleId :

SLCS049

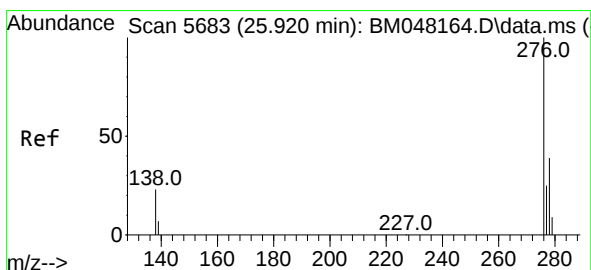
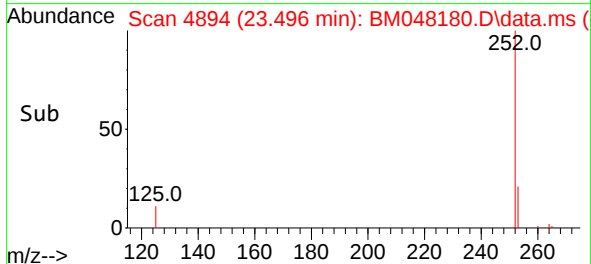
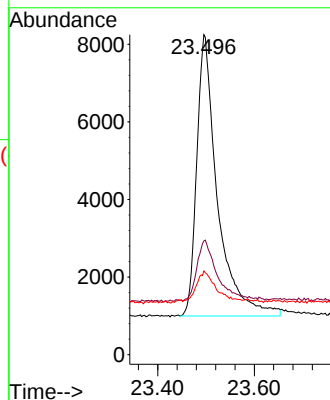
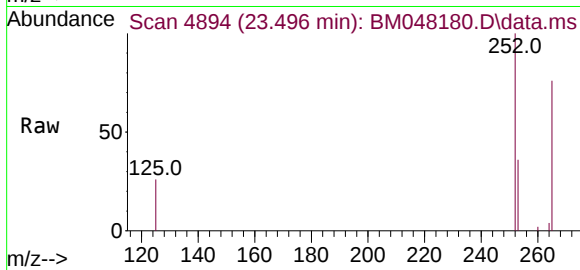
Tgt Ion:252 Resp: 21547

Ion Ratio Lower Upper

252 100

253 35.6 29.0 43.4

125 26.1 24.4 36.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.355 ng/ul

RT: 25.900 min Scan# 5677

Delta R.T. -0.014 min

Lab File: BM048180.D

Acq: 22 Oct 2024 06:53

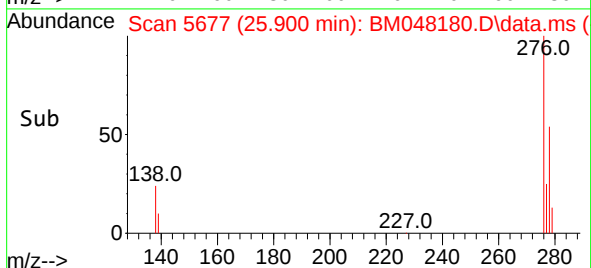
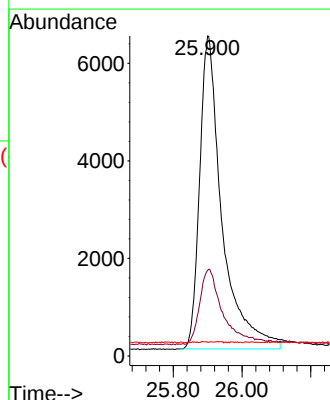
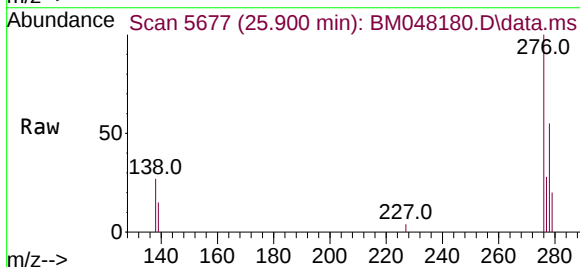
Tgt Ion:276 Resp: 29017

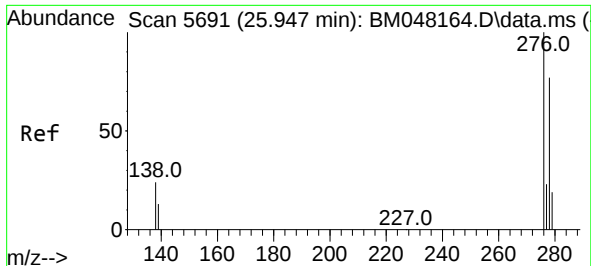
Ion Ratio Lower Upper

276 100

138 25.1 20.2 30.2

227 0.1 0.0 0.0#

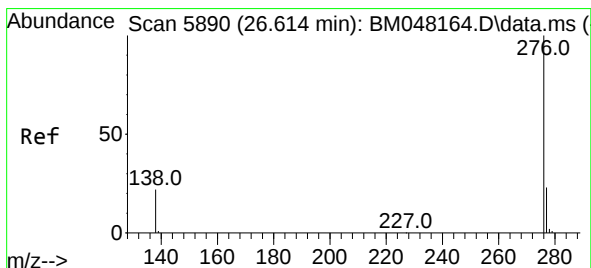
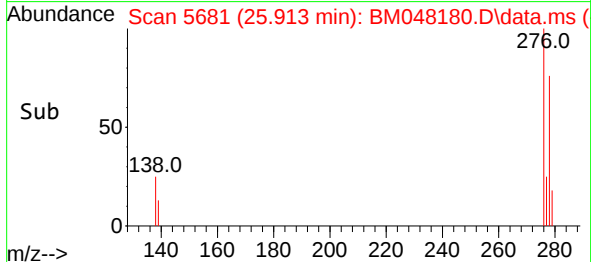
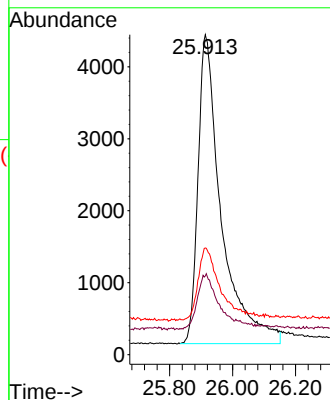
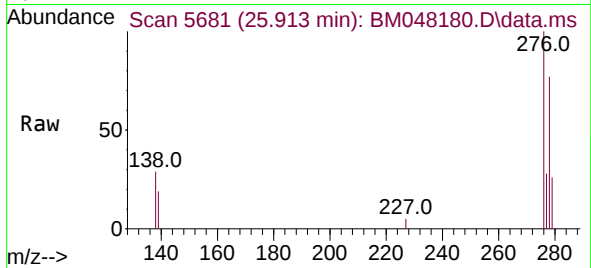




#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 25.913 min Scan# 5681
Delta R.T. -0.017 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

Instrument :
BNA_M
ClientSampleId :
SLCS049

Tgt Ion:278 Resp: 22060
Ion Ratio Lower Upper
278 100
139 24.6 18.9 28.3
279 33.4 27.6 41.4



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 26.601 min Scan# 5886
Delta R.T. -0.007 min
Lab File: BM048180.D
Acq: 22 Oct 2024 06:53

Tgt Ion:276 Resp: 24443
Ion Ratio Lower Upper
276 100
138 24.6 20.3 30.5
277 26.7 20.4 30.6

