

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045550.D
 Acq On : 25 Apr 2024 05:19
 Operator : MA/JU
 Sample : PB160441BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS441

Quant Time: Apr 25 05:49:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

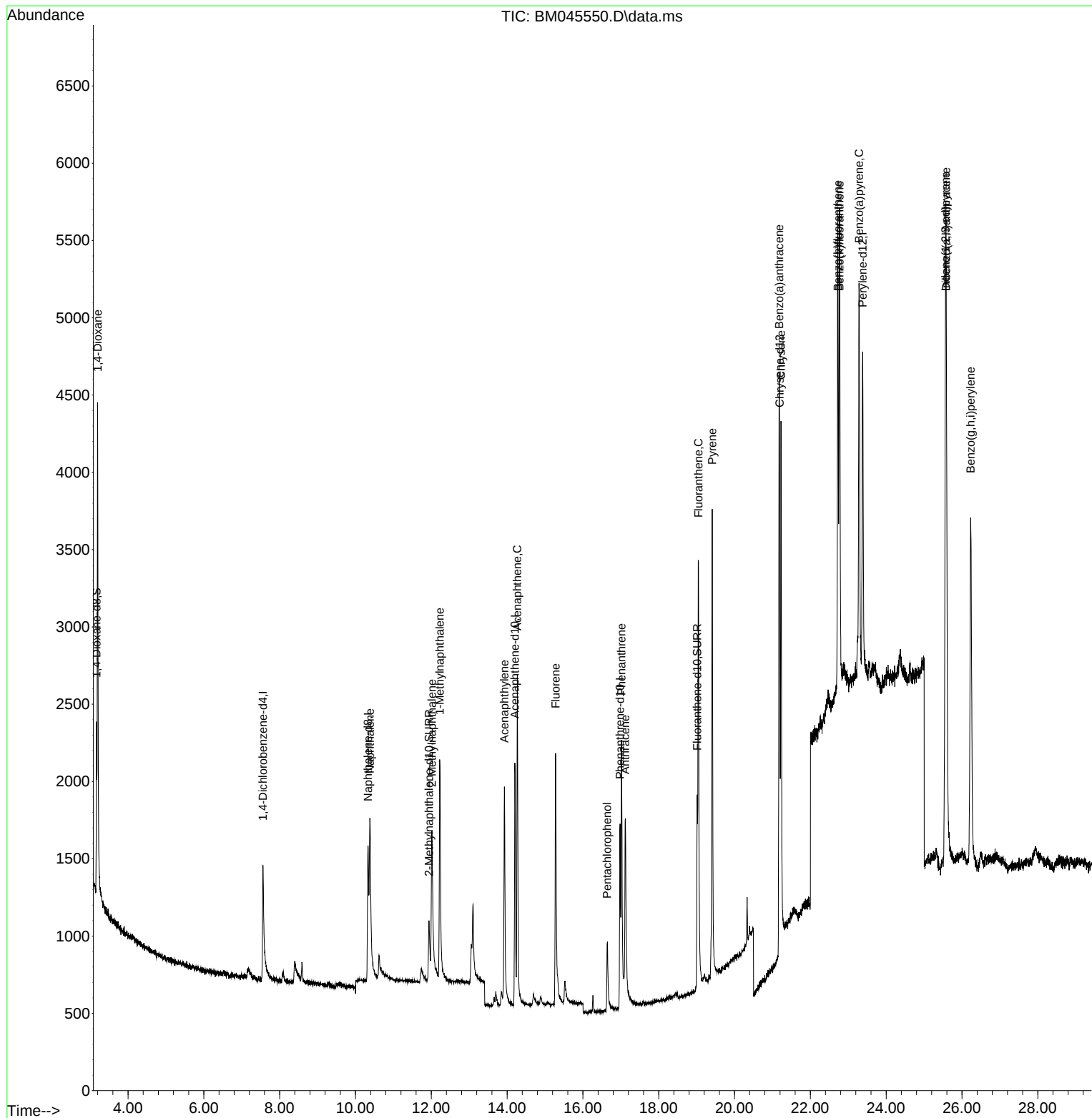
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	724	0.400	ng/ul	0.00
4) Naphthalene-d8	10.330	136	2175	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.206	164	1064	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.980	188	2028	0.400	ng/ul	0.00
17) Chrysene-d12	21.189	240	2074	0.400	ng/ul	# 0.00
23) Perylene-d12	23.381	264	2982	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	719	0.741	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	970	0.338	ng/ul	0.01
18) Fluoranthene-d10	19.016	212	1785	0.273	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.201	88	2163	2.317	ng/ul#	88
5) Naphthalene	10.380	128	2238	0.383	ng/ul	98
7) 2-Methylnaphthalene	12.019	142	1263	0.379	ng/ul	95
8) 1-Methylnaphthalene	12.222	142	1321	0.353	ng/ul	97
10) Acenaphthylene	13.928	152	2267	0.432	ng/ul	99
11) Acenaphthene	14.270	153	1474	0.378	ng/ul	99
12) Fluorene	15.279	166	1569	0.376	ng/ul	98
14) Pentachlorophenol	16.643	266	475	1.175	ng/ul	93
15) Phenanthrene	17.018	178	2224	0.377	ng/ul	98
16) Anthracene	17.120	178	2443	0.442	ng/ul	98
19) Fluoranthene	19.048	202	3132	0.327	ng/ul	95
20) Pyrene	19.411	202	3323	0.338	ng/ul	96
21) Benzo(a)anthracene	21.178	228	3212	0.485	ng/ul	99
22) Chrysene	21.227	228	3705	0.363	ng/ul	97
24) Benzo(b)fluoranthene	22.723	252	3951	0.394	ng/ul#	80
25) Benzo(k)fluoranthene	22.770	252	4294	0.339	ng/ul#	80
26) Benzo(a)pyrene	23.288	252	4045	0.389	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.567	276	5856	0.387	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.581	278	4632	0.386	ng/ul#	90
29) Benzo(g,h,i)perylene	26.231	276	4874	0.359	ng/ul#	90

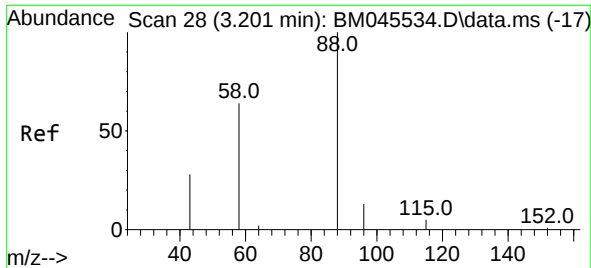
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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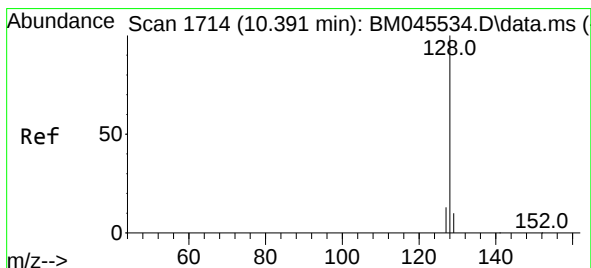
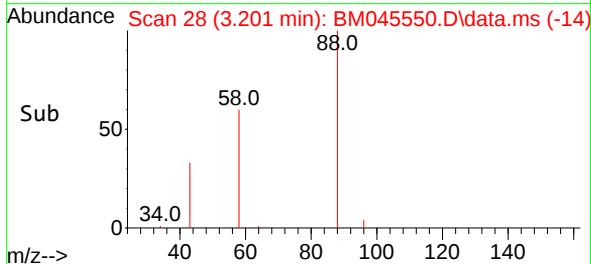
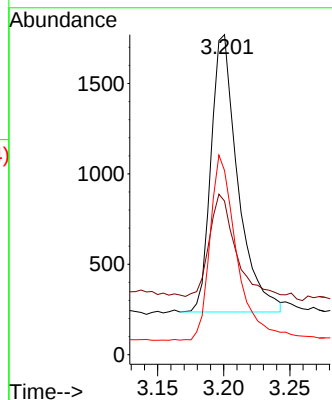
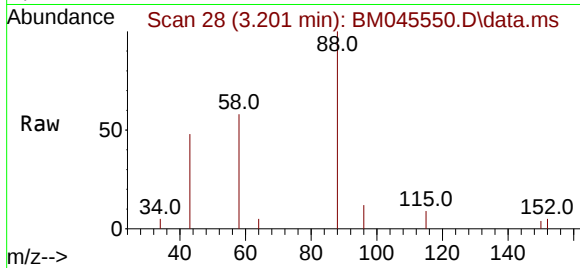




#2
 1,4-Dioxane
 Concen: 2.317 ng/ul
 RT: 3.201 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM045550.D
 Acq: 25 Apr 2024 05:19

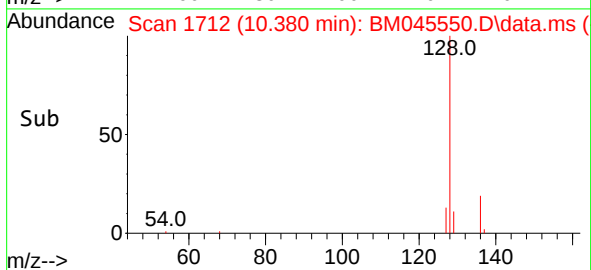
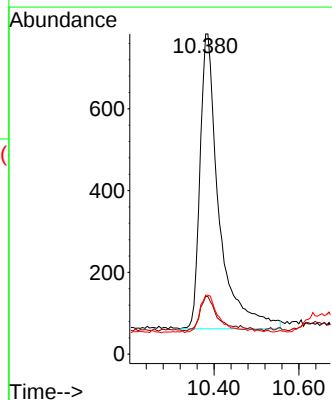
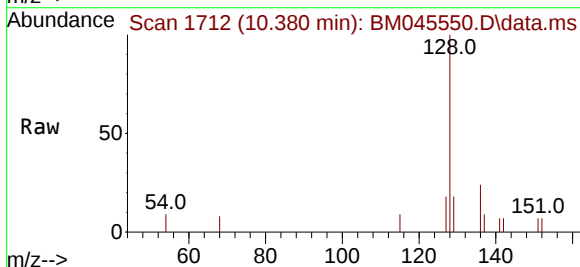
Instrument :
 BNA_M
 ClientSampleId :
 SLCS441

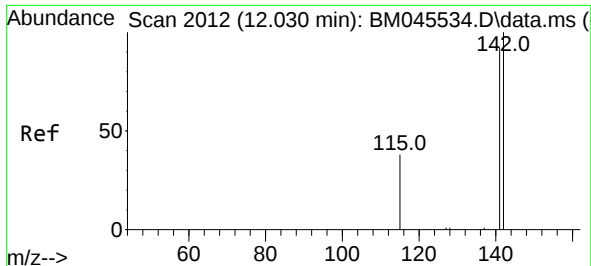
Tgt Ion: 88 Resp: 2163
 Ion Ratio Lower Upper
 88 100
 43 48.0 36.8 55.2
 58 57.6 35.4 53.2#



#5
 Naphthalene
 Concen: 0.383 ng/ul
 RT: 10.380 min Scan# 1712
 Delta R.T. -0.000 min
 Lab File: BM045550.D
 Acq: 25 Apr 2024 05:19

Tgt Ion: 128 Resp: 2238
 Ion Ratio Lower Upper
 128 100
 129 18.0 14.0 21.0
 127 18.4 15.4 23.2

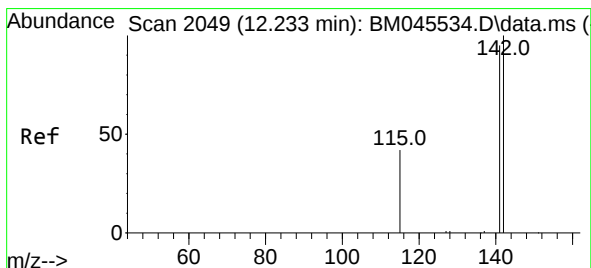
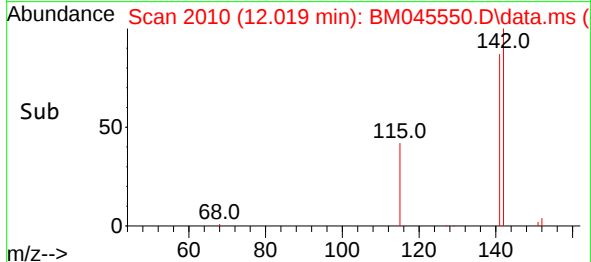
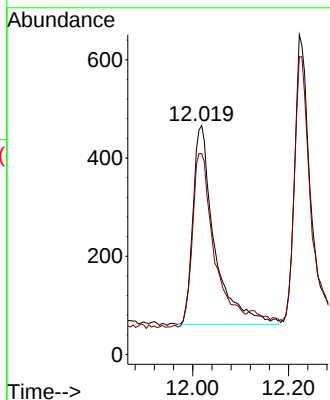
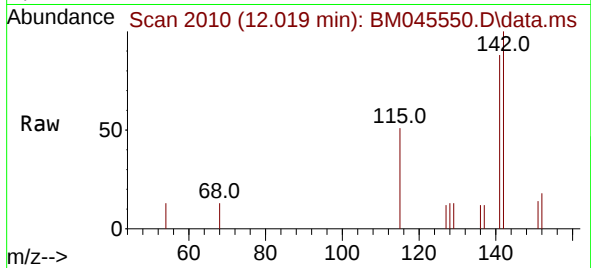




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.019 min Scan# 2010
Delta R.T. 0.011 min
Lab File: BM045550.D
Acq: 25 Apr 2024 05:19

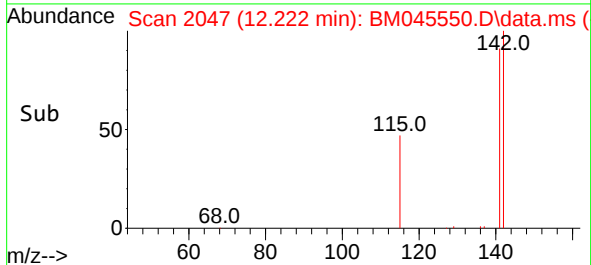
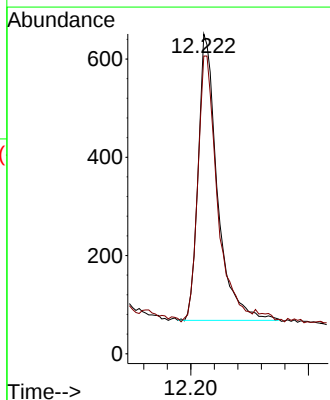
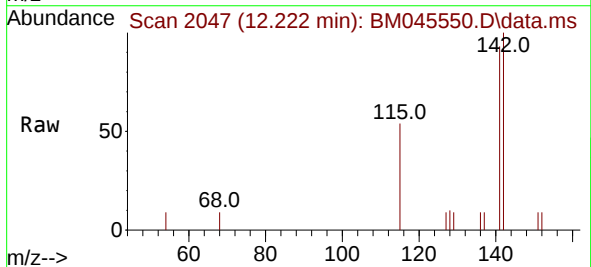
Instrument :
BNA_M
ClientSampleId :
SLCS441

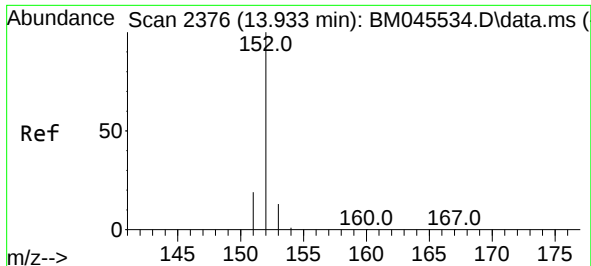
Tgt Ion:142 Resp: 1263
Ion Ratio Lower Upper
142 100
141 88.1 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BM045550.D
Acq: 25 Apr 2024 05:19

Tgt Ion:142 Resp: 1321
Ion Ratio Lower Upper
142 100
141 97.8 76.1 114.1

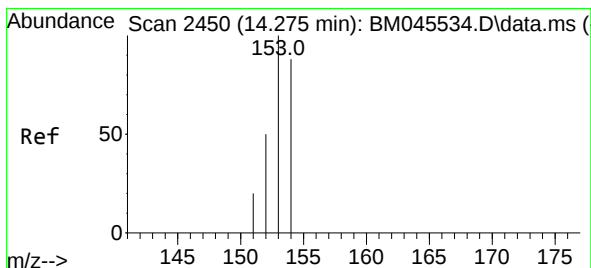
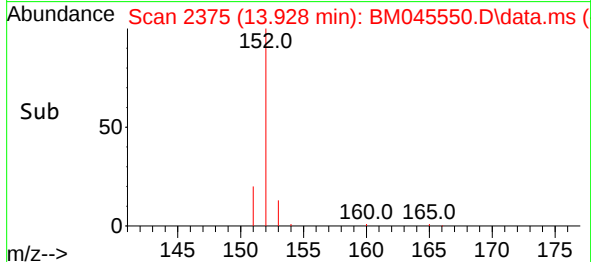
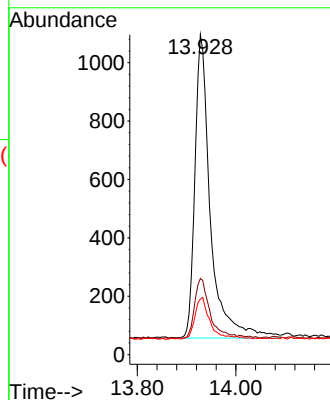
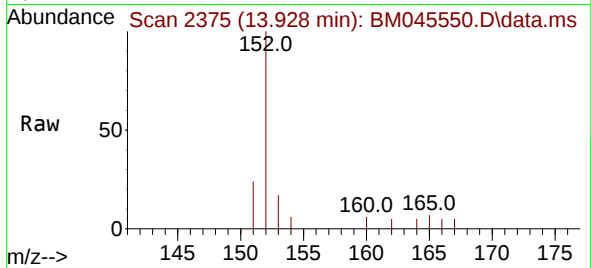




#10
Acenaphthylene
Concen: 0.432 ng/ul
RT: 13.928 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BM045550.D
Acq: 25 Apr 2024 05:19

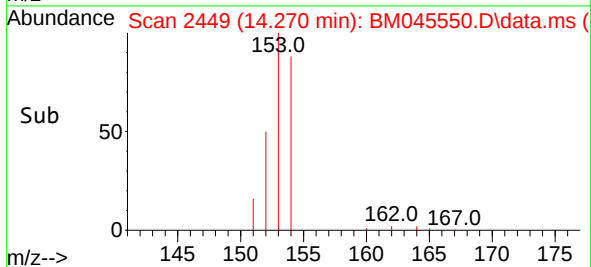
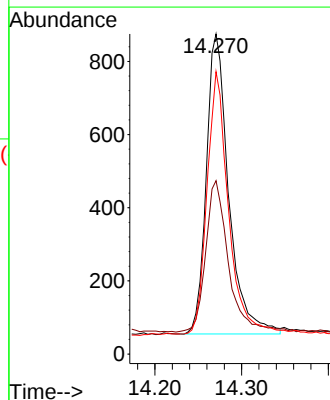
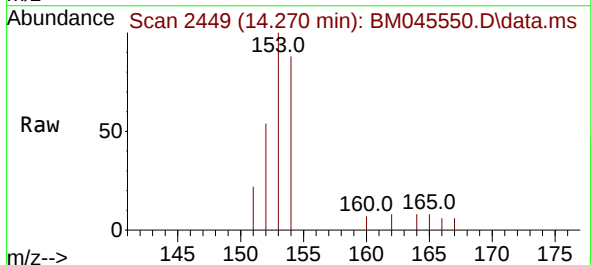
Instrument :
BNA_M
ClientSampleId :
SLCS441

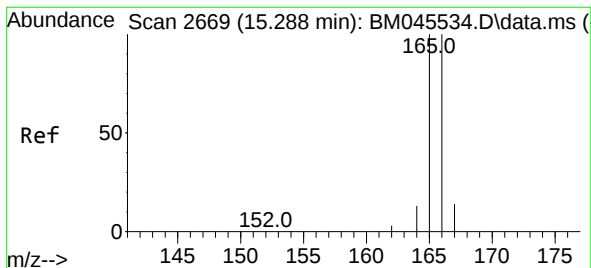
Tgt Ion:152 Resp: 2267
Ion Ratio Lower Upper
152 100
151 23.8 18.6 28.0
153 17.3 14.1 21.1



#11
Acenaphthene
Concen: 0.378 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BM045550.D
Acq: 25 Apr 2024 05:19

Tgt Ion:153 Resp: 1474
Ion Ratio Lower Upper
153 100
152 54.2 43.4 65.2
154 88.2 69.0 103.6





#12

Fluorene

Concen: 0.376 ng/ul

RT: 15.279 min Scan# 2

Delta R.T. 0.001 min

Lab File: BM045550.D

Acq: 25 Apr 2024 05:19

Instrument :

BNA_M

ClientSampleId :

SLCS441

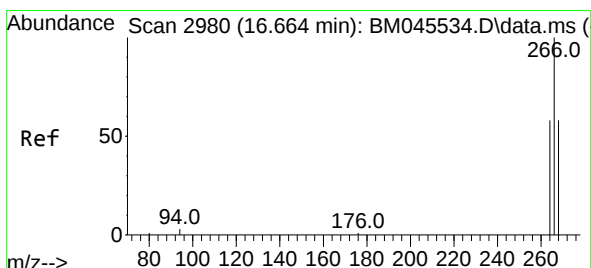
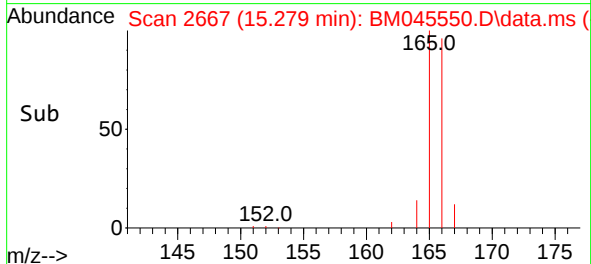
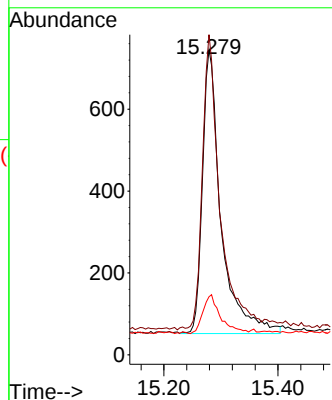
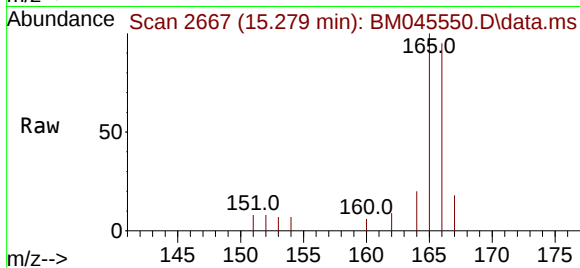
Tgt Ion:166 Resp: 1569

Ion Ratio Lower Upper

166 100

165 105.0 82.2 123.2

167 19.1 14.8 22.2



#14

Pentachlorophenol

Concen: 1.175 ng/ul

RT: 16.643 min Scan# 2975

Delta R.T. -0.008 min

Lab File: BM045550.D

Acq: 25 Apr 2024 05:19

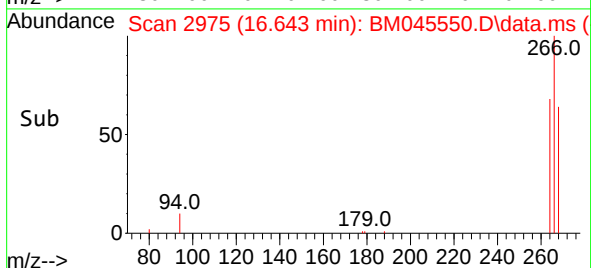
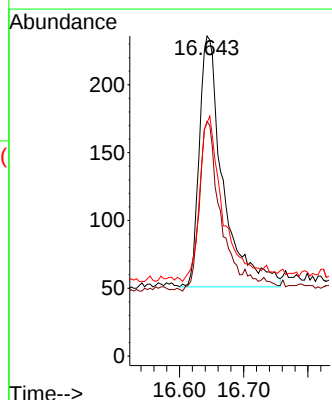
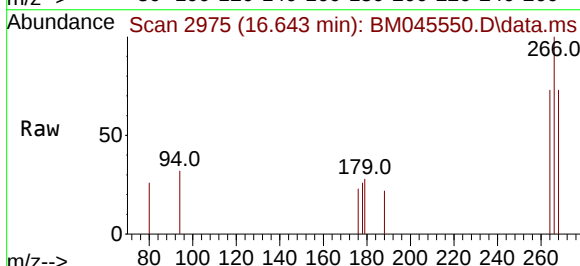
Tgt Ion:266 Resp: 475

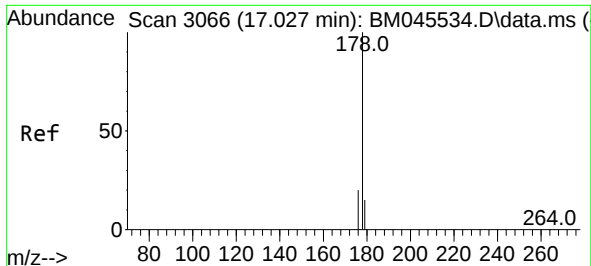
Ion Ratio Lower Upper

266 100

264 64.4 45.5 68.3

268 66.5 56.1 84.1

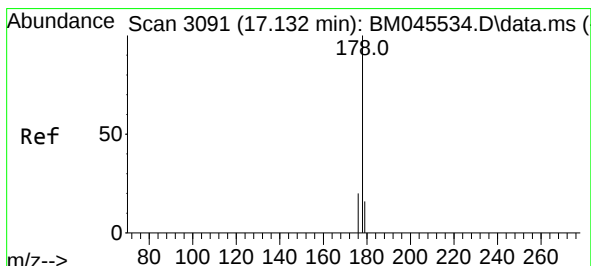
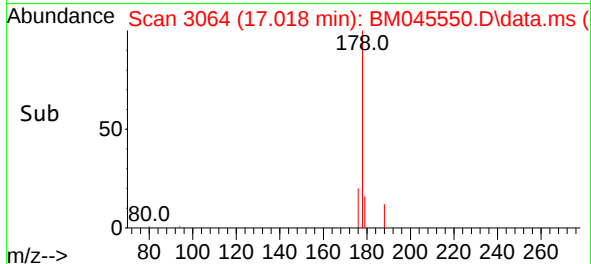
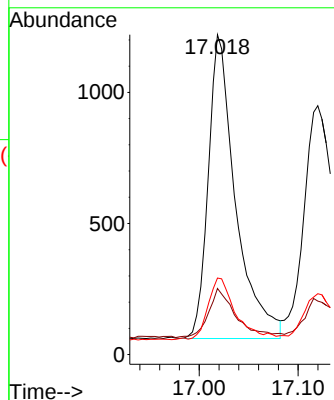
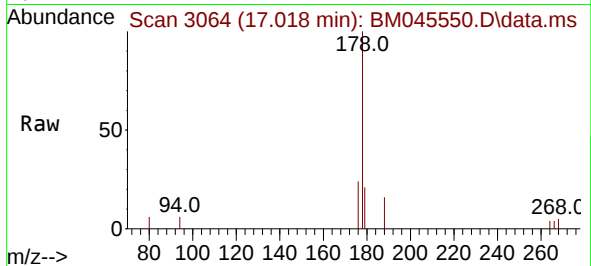




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.018 min Scan# 3064
Delta R.T. -0.003 min
Lab File: BM045550.D
Acq: 25 Apr 2024 05:19

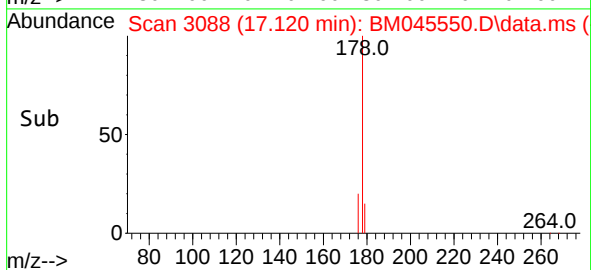
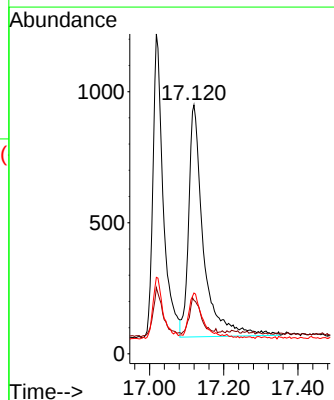
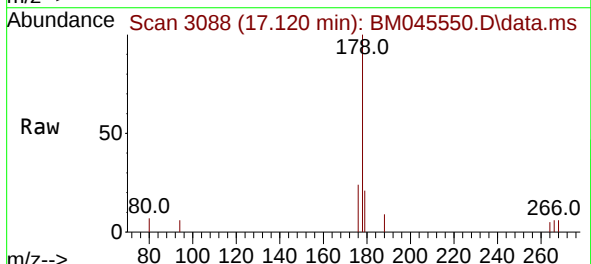
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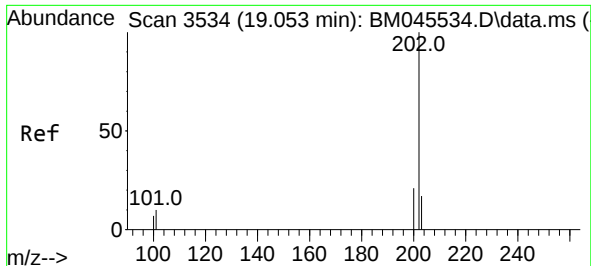
Tgt Ion:	178	Resp:	2224
Ion Ratio	Lower	Upper	
178	100		
179	20.7	15.4	23.2
176	23.9	19.0	28.4



#16
Anthracene
Concen: 0.442 ng/ul
RT: 17.120 min Scan# 3088
Delta R.T. 0.001 min
Lab File: BM045550.D
Acq: 25 Apr 2024 05:19

Tgt Ion:	178	Resp:	2443
Ion Ratio	Lower	Upper	
178	100		
179	21.5	17.8	26.6
176	24.4	18.7	28.1

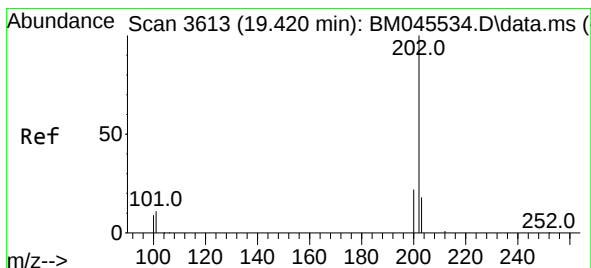
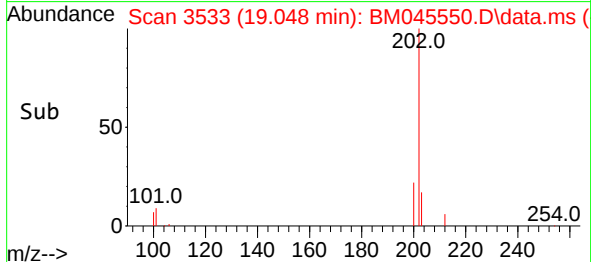
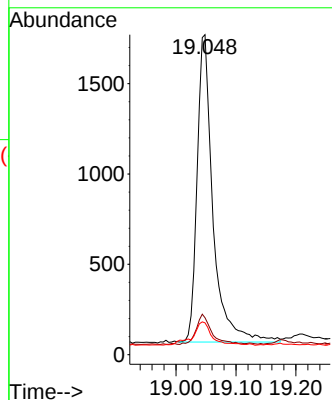
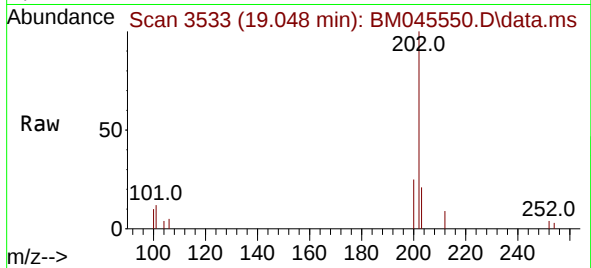




#19
Fluoranthene
Concen: 0.327 ng/ul
RT: 19.048 min Scan# 3132
Delta R.T. 0.001 min
Lab File: BM045550.D
Acq: 25 Apr 2024 05:19

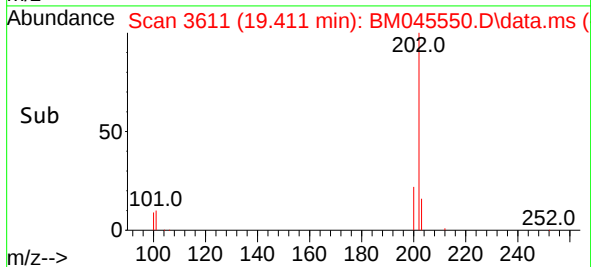
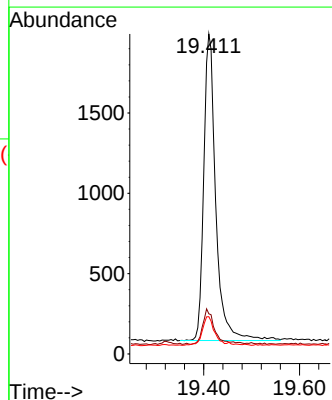
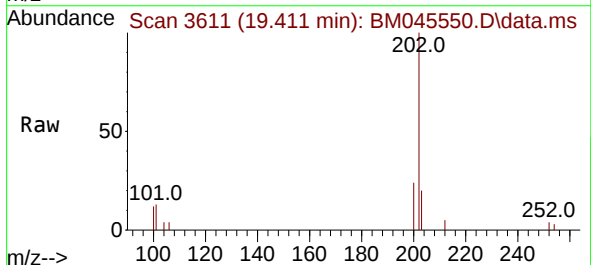
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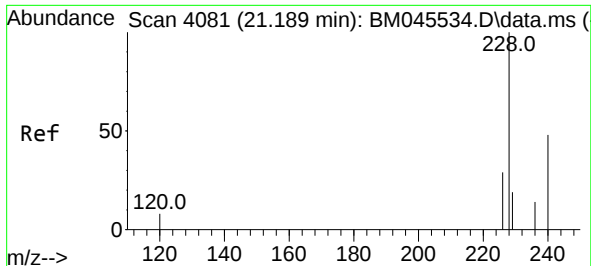
Tgt Ion:202 Resp: 3132
Ion Ratio Lower Upper
202 100
101 11.6 11.2 16.8
100 9.9 9.1 13.7



#20
Pyrene
Concen: 0.338 ng/ul
RT: 19.411 min Scan# 3611
Delta R.T. -0.004 min
Lab File: BM045550.D
Acq: 25 Apr 2024 05:19

Tgt Ion:202 Resp: 3323
Ion Ratio Lower Upper
202 100
101 12.6 11.5 17.3
100 11.6 10.6 15.8

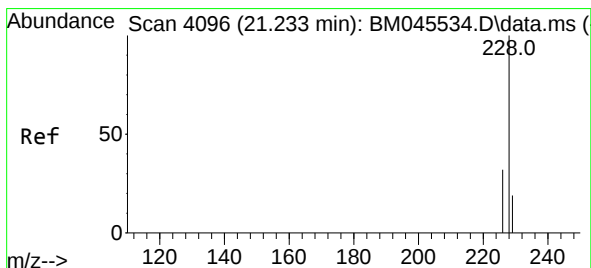
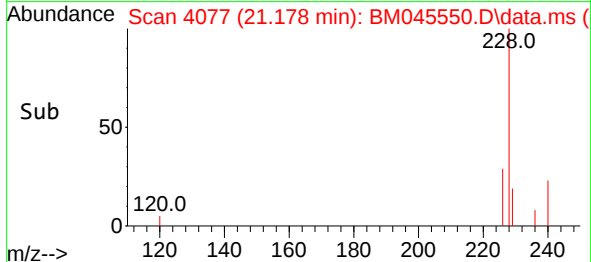
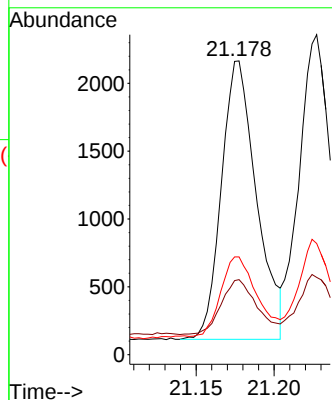
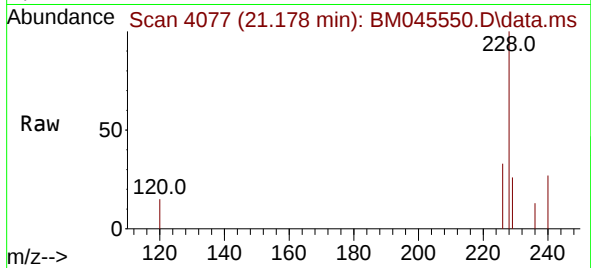




#21
Benzo(a)anthracene
Concen: 0.485 ng/ul
RT: 21.178 min Scan# 4081
Delta R.T. -0.004 min
Lab File: BM045550.D
Acq: 25 Apr 2024 05:19

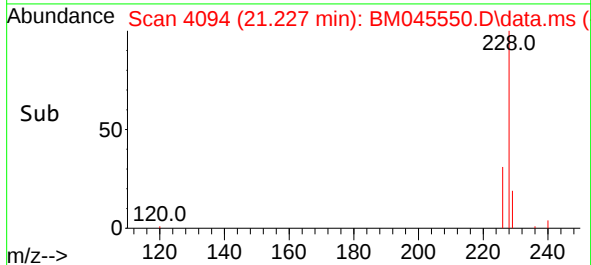
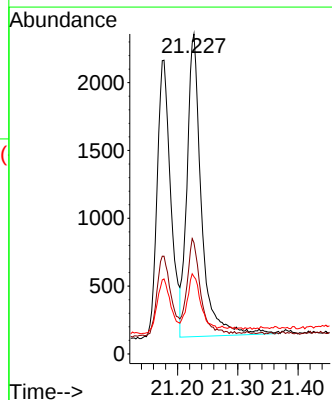
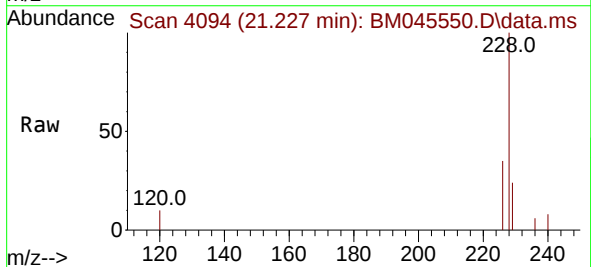
Instrument :
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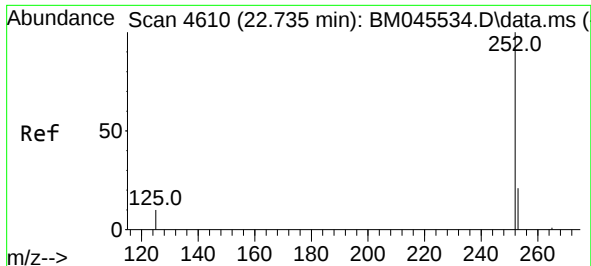
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Ion Ratio Lower Upper
228 100
229 25.5 19.4 29.2
226 33.2 26.3 39.5



#22
Chrysene
Concen: 0.363 ng/ul
RT: 21.227 min Scan# 4094
Delta R.T. -0.001 min
Lab File: BM045550.D
Acq: 25 Apr 2024 05:19

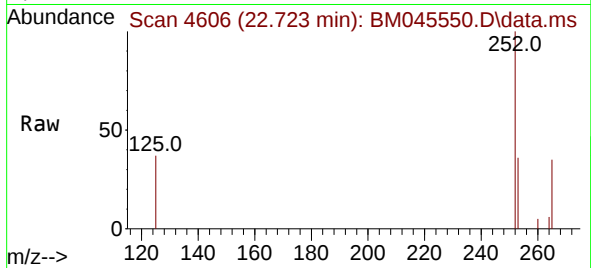
Tgt Ion:228 Resp: 3705
Ion Ratio Lower Upper
228 100
226 34.8 26.3 39.5
229 24.1 17.8 26.8



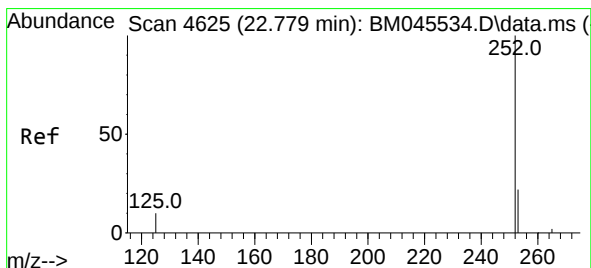
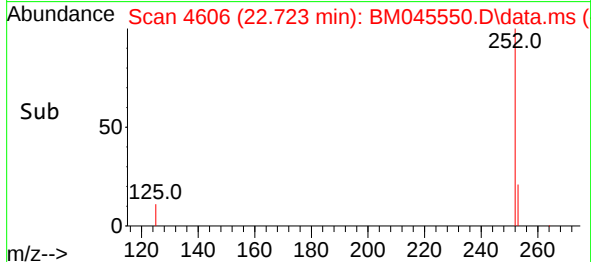
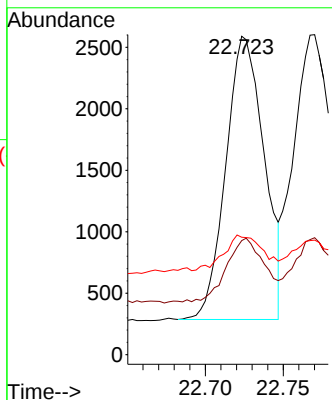


#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 22.723 min Scan# 4606
Delta R.T. -0.007 min
Lab File: BM045550.D
Acq: 25 Apr 2024 05:19

Instrument :
BNA_M
ClientSampleId :
SLCS441

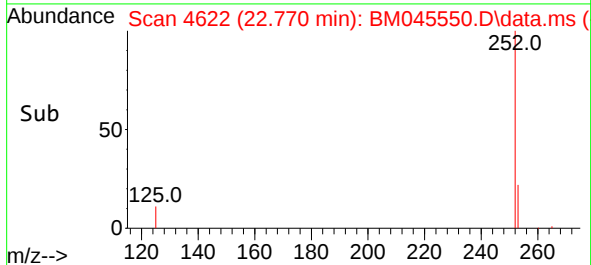
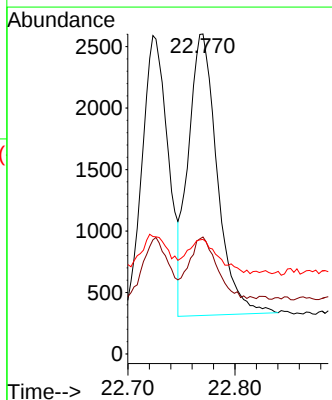
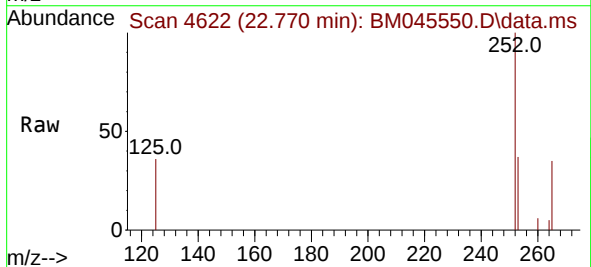


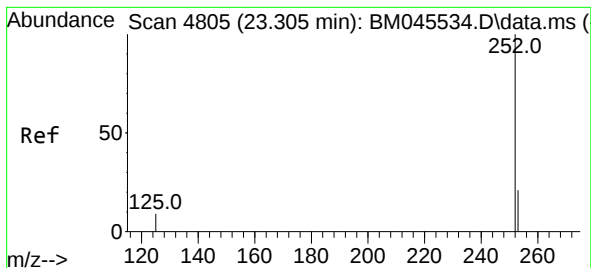
Tgt Ion:252 Resp: 3951
Ion Ratio Lower Upper
252 100
253 35.8 0.0 63.4
125 36.9 0.0 36.8#



#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 22.770 min Scan# 4622
Delta R.T. -0.001 min
Lab File: BM045550.D
Acq: 25 Apr 2024 05:19

Tgt Ion:252 Resp: 4294
Ion Ratio Lower Upper
252 100
253 36.5 25.4 38.0
125 35.8 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.389 ng/ul

RT: 23.288 min Scan# 41

Delta R.T. -0.004 min

Lab File: BM045550.D

Acq: 25 Apr 2024 05:19

Instrument :

BNA_M

ClientSampleId :

SLCS441

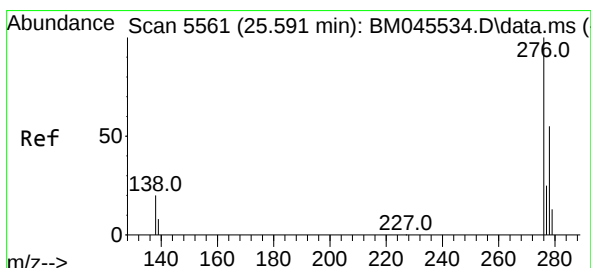
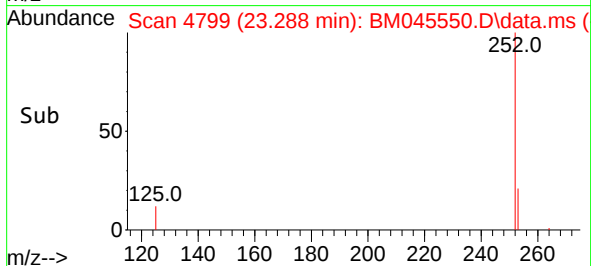
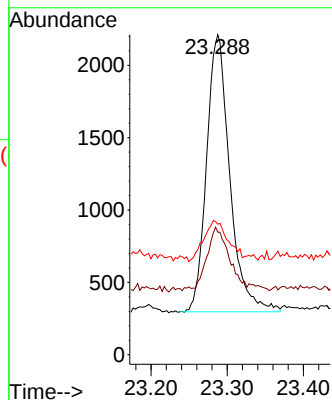
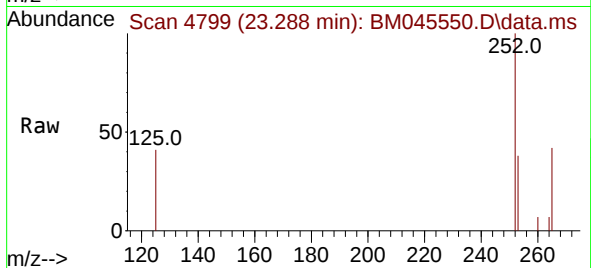
Tgt Ion:252 Resp: 4045

Ion Ratio Lower Upper

252 100

253 38.3 31.6 47.4

125 40.8 19.5 29.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.387 ng/ul

RT: 25.567 min Scan# 5554

Delta R.T. -0.004 min

Lab File: BM045550.D

Acq: 25 Apr 2024 05:19

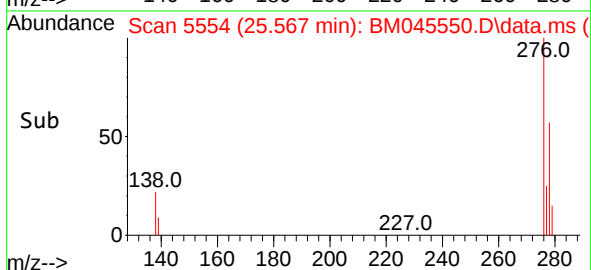
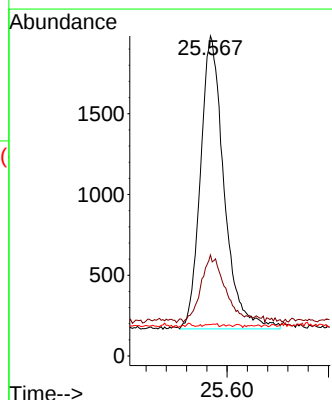
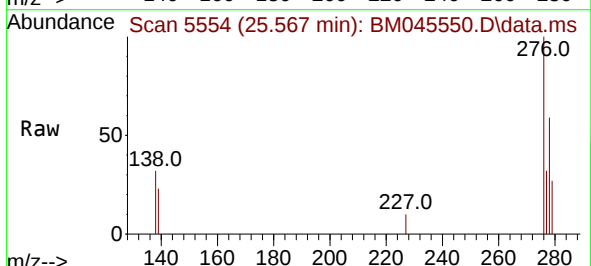
Tgt Ion:276 Resp: 5856

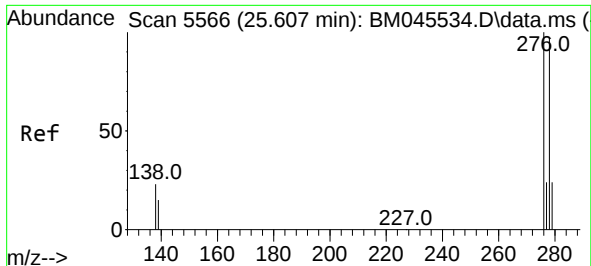
Ion Ratio Lower Upper

276 100

138 24.3 19.8 29.6

227 0.5 0.2 0.2#

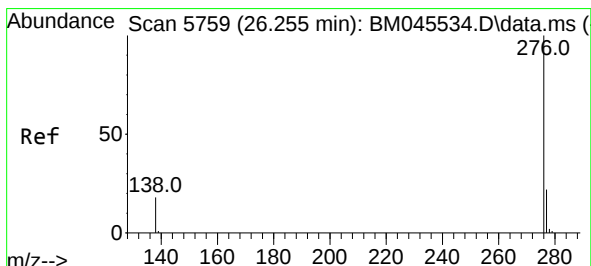
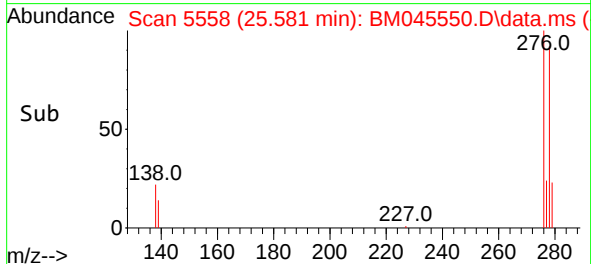
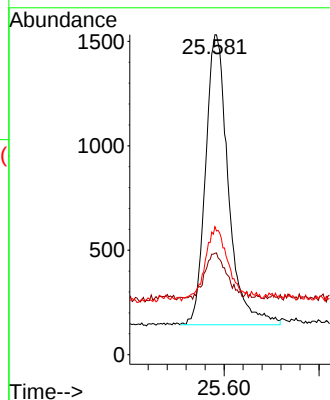
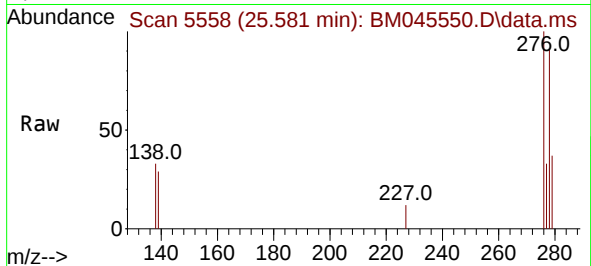




#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 25.581 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM045550.D
Acq: 25 Apr 2024 05:19

Instrument :
BNA_M
ClientSampleId :
SLCS441

Tgt Ion:278 Resp: 4632
Ion Ratio Lower Upper
278 100
139 31.7 19.0 28.6#
279 40.0 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.359 ng/ul
RT: 26.231 min Scan# 5752
Delta R.T. -0.004 min
Lab File: BM045550.D
Acq: 25 Apr 2024 05:19

Tgt Ion:276 Resp: 4874
Ion Ratio Lower Upper
276 100
138 31.0 20.8 31.2
277 32.8 21.8 32.8#

