

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045635.D
 Acq On : 30 Apr 2024 03:48
 Operator : MA/JU
 Sample : PB160400BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS400

Quant Time: Apr 30 04:34:19 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 : Tue Apr 30 01:16:44 2024
 Response via : Initial Calibration

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

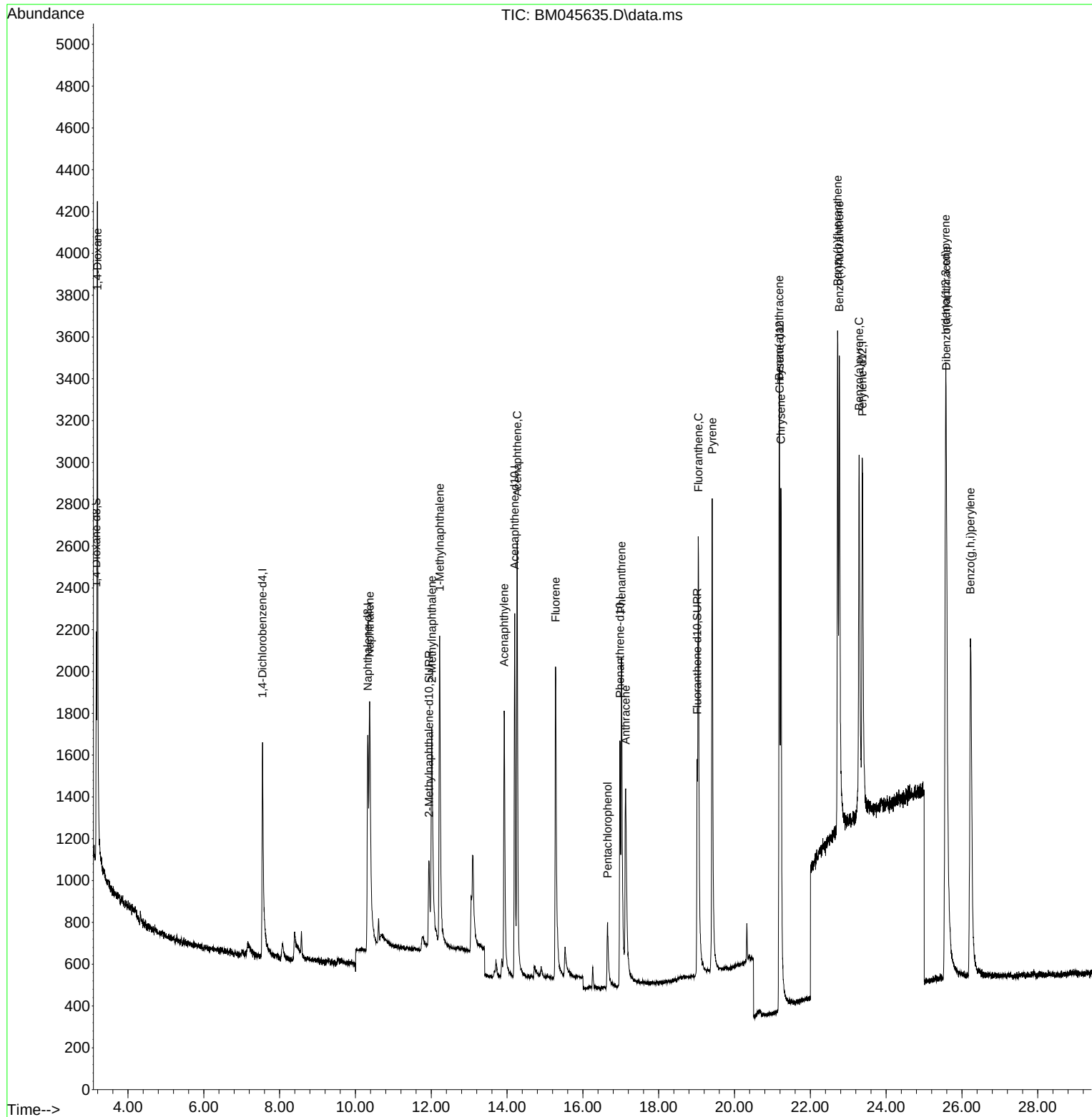
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	940	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.325	136	2698	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	1276	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.981	188	2247	0.400	ng/ul	0.00
17) Chrysene-d12	21.189	240	1870	0.400	ng/ul	0.00
23) Perylene-d12	23.372	264	2832	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	723	0.574	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	1108	0.311	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	1667	0.283	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.192	88	2168	1.789	ng/ul#	88
5) Naphthalene	10.375	128	2554	0.353	ng/ul	97
7) 2-Methylnaphthalene	12.013	142	1412	0.341	ng/ul	95
8) 1-Methylnaphthalene	12.222	142	1515	0.326	ng/ul	99
10) Acenaphthylene	13.924	152	2275	0.362	ng/ul	98
11) Acenaphthene	14.266	153	1637	0.350	ng/ul	98
12) Fluorene	15.279	166	1648	0.330	ng/ul	99
14) Pentachlorophenol	16.651	266	375	0.837	ng/ul	93
15) Phenanthrene	17.019	178	2294	0.351	ng/ul	99
16) Anthracene	17.128	178	2232	0.365	ng/ul	98
19) Fluoranthene	19.044	202	2621	0.304	ng/ul	99
20) Pyrene	19.411	202	2803	0.316	ng/ul	99
21) Benzo(a)anthracene	21.178	228	2311	0.387	ng/ul	98
22) Chrysene	21.221	228	3174	0.345	ng/ul	98
24) Benzo(b)fluoranthene	22.721	252	3283	0.345	ng/ul	99
25) Benzo(k)fluoranthene	22.764	252	3896	0.324	ng/ul	99
26) Benzo(a)pyrene	23.288	252	3373	0.341	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.571	276	5064	0.353	ng/ul	96
28) Dibenzo(a,h)anthracene	25.584	278	3984	0.350	ng/ul	97
29) Benzo(g,h,i)perylene	26.225	276	4369	0.339	ng/ul	96

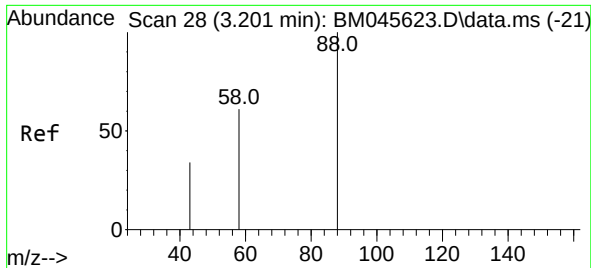
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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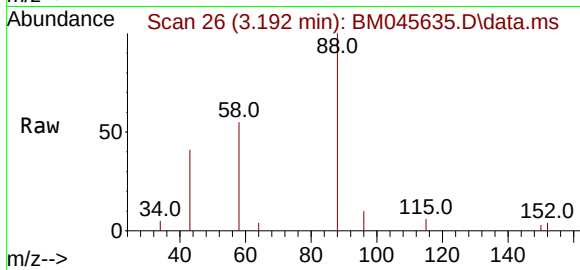
Quant Time: Apr 30 04:34:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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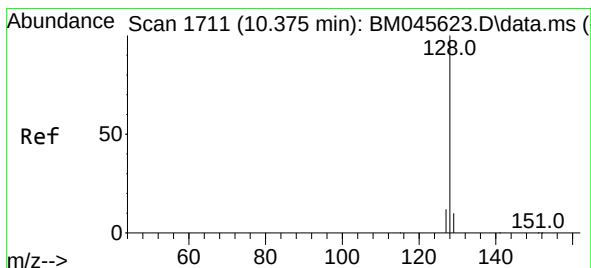
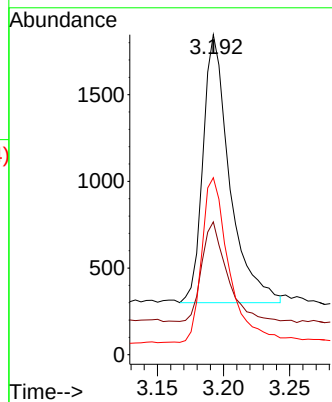
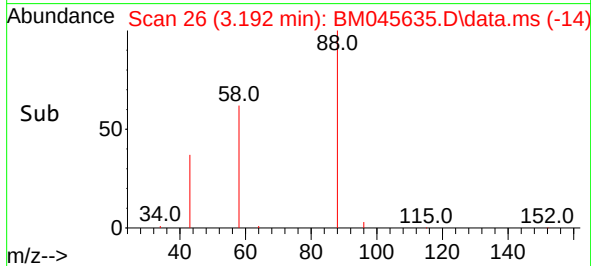


#2
1,4-Dioxane
Concen: 1.789 ng/ul
RT: 3.192 min Scan# 2168
Delta R.T. -0.009 min
Lab File: BM045635.D
Acq: 30 Apr 2024 03:48

Instrument :
BNA_M
ClientSampleId :
SLCS400

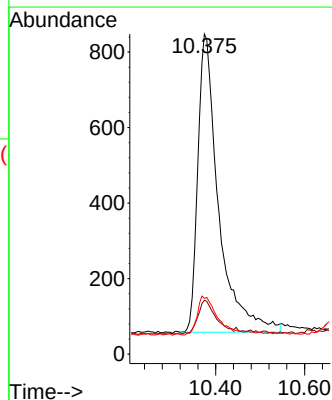
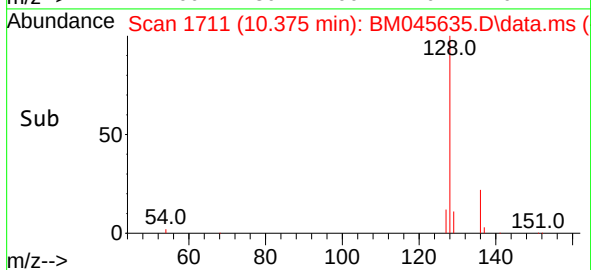
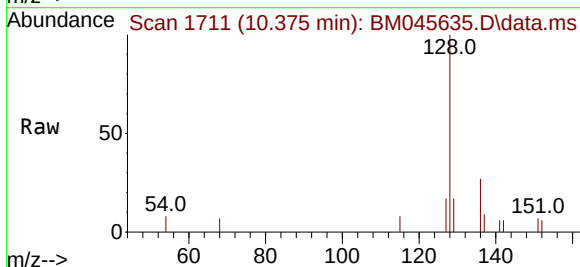


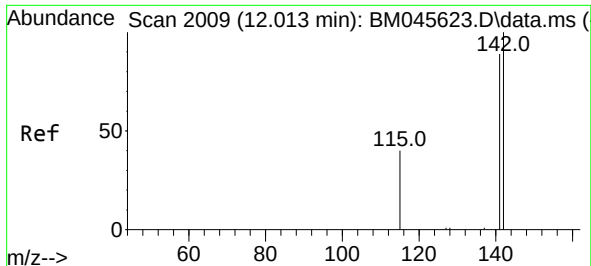
Tgt Ion	Ratio	Lower	Upper
88	100		
43	41.5	36.8	55.2
58	55.3	35.4	53.2



#5
Naphthalene
Concen: 0.353 ng/ul
RT: 10.375 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BM045635.D
Acq: 30 Apr 2024 03:48

Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.9	14.0	21.0
127	17.5	15.4	23.2

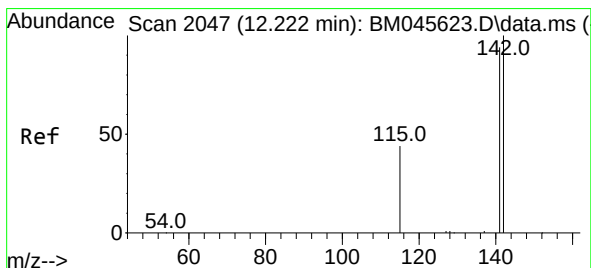
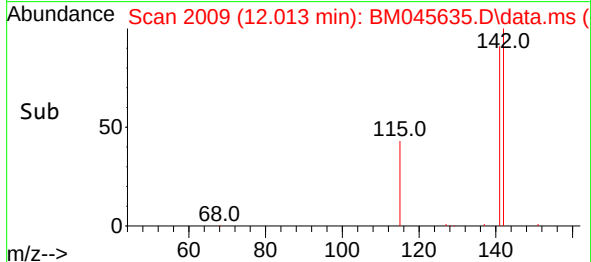
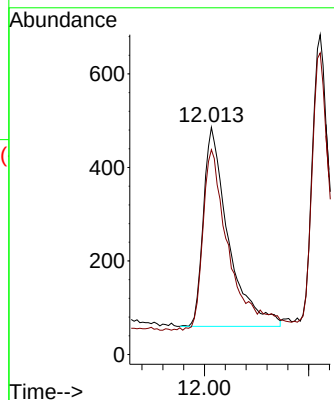
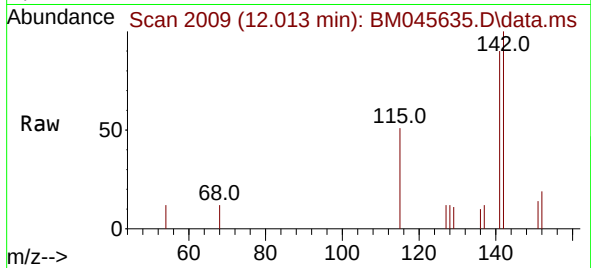




#7
2-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.013 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BM045635.D
Acq: 30 Apr 2024 03:48

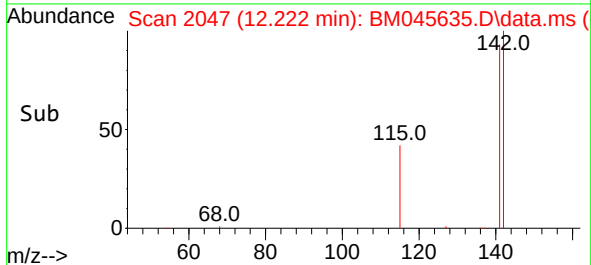
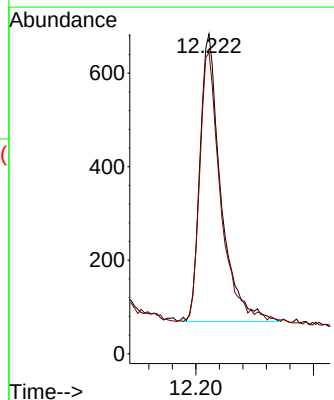
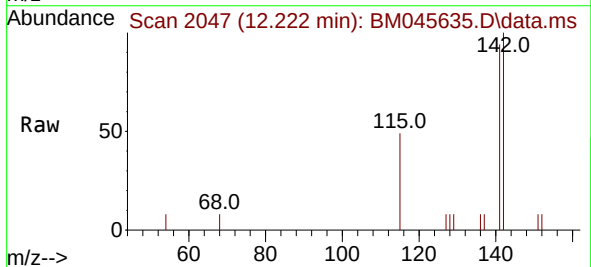
Instrument :
BNA_M
ClientSampleId :
SLCS400

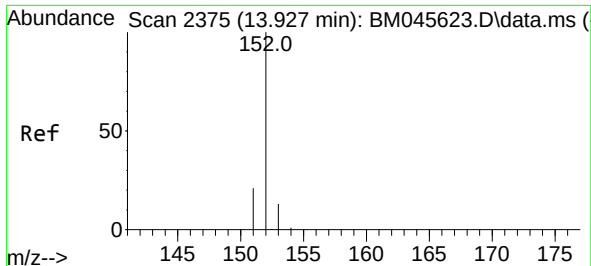
Tgt Ion:142 Resp: 1412
Ion Ratio Lower Upper
142 100
141 97.6 74.6 111.8



#8
1-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BM045635.D
Acq: 30 Apr 2024 03:48

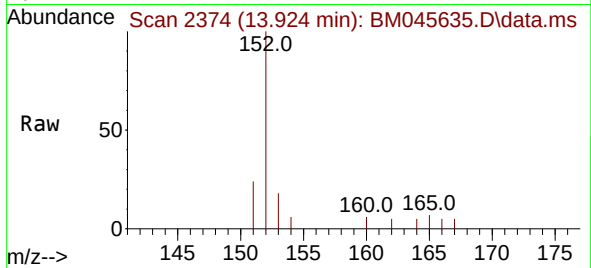
Tgt Ion:142 Resp: 1515
Ion Ratio Lower Upper
142 100
141 93.7 76.1 114.1



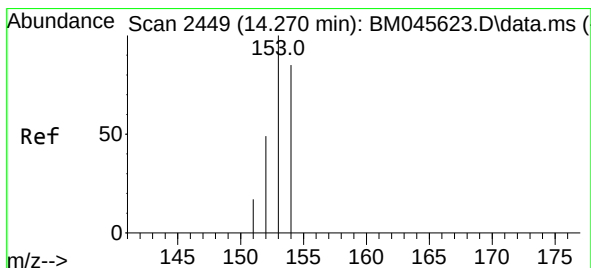
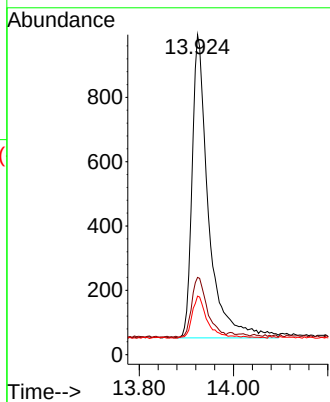
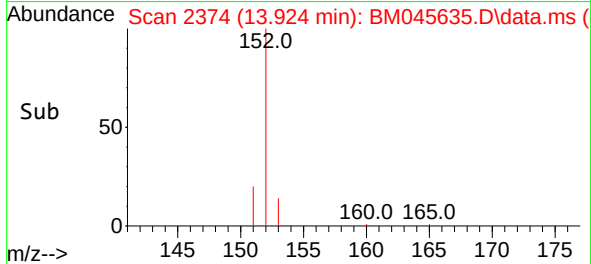


#10
Acenaphthylene
Concen: 0.362 ng/ul
RT: 13.924 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045635.D
Acq: 30 Apr 2024 03:48

Instrument :
BNA_M
ClientSampleId :
SLCS400

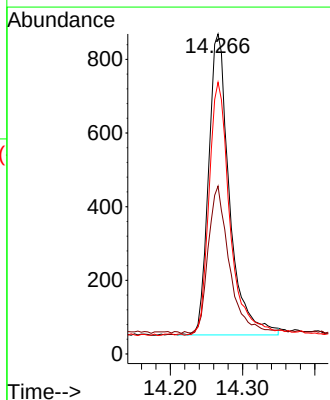
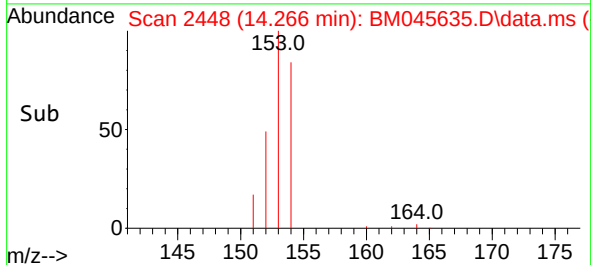
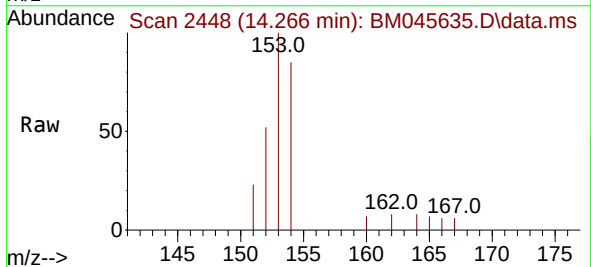


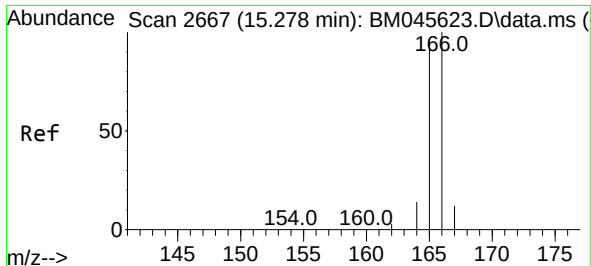
Tgt Ion:	152	Resp:	2275
Ion	Ratio	Lower	Upper
152	100		
151	24.1	18.6	28.0
153	18.3	14.1	21.1



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.266 min Scan# 2448
Delta R.T. -0.004 min
Lab File: BM045635.D
Acq: 30 Apr 2024 03:48

Tgt Ion:	153	Resp:	1637
Ion	Ratio	Lower	Upper
153	100		
152	52.5	43.4	65.2
154	84.9	69.0	103.6

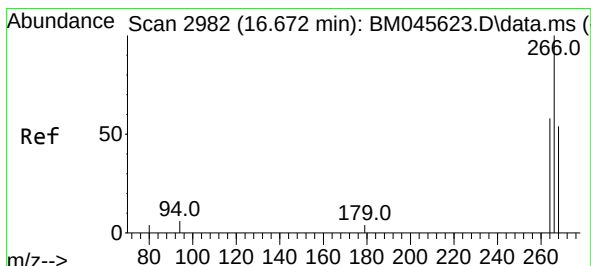
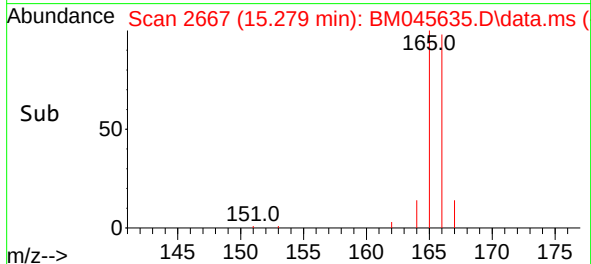
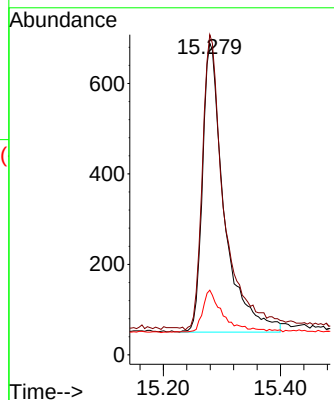
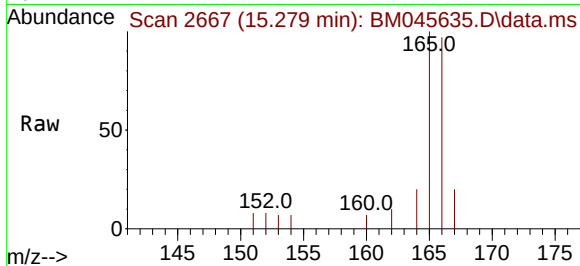




#12
 Fluorene
 Concen: 0.330 ng/ul
 RT: 15.279 min Scan# 20
 Delta R.T. 0.001 min
 Lab File: BM045635.D
 Acq: 30 Apr 2024 03:48

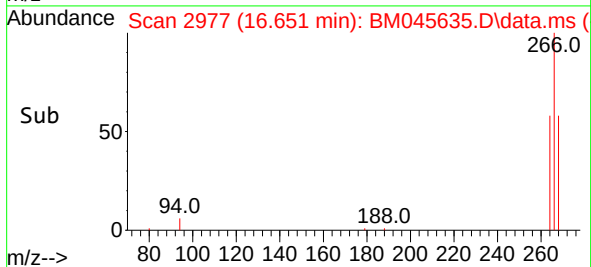
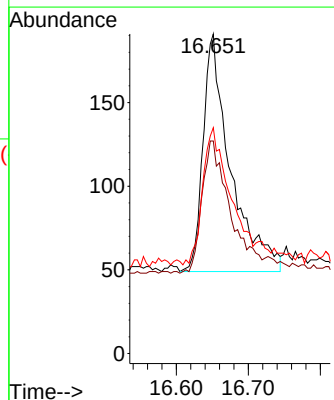
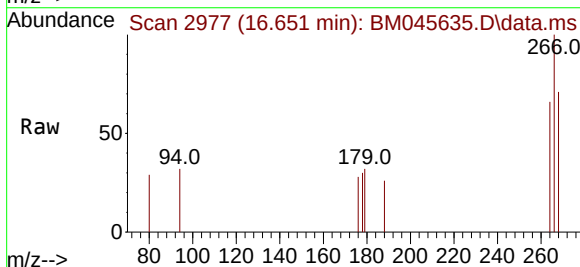
Instrument :
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 ClientSampleId :
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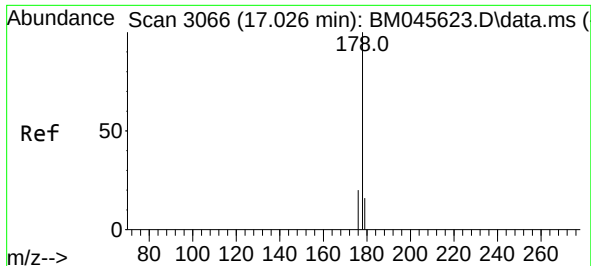
Tgt Ion:	166	Resp:	1648
Ion	Ratio	Lower	Upper
166	100		
165	102.8	82.2	123.2
167	20.8	14.8	22.2



#14
 Pentachlorophenol
 Concen: 0.837 ng/ul
 RT: 16.651 min Scan# 2977
 Delta R.T. -0.020 min
 Lab File: BM045635.D
 Acq: 30 Apr 2024 03:48

Tgt Ion:	266	Resp:	375
Ion	Ratio	Lower	Upper
266	100		
264	64.0	45.5	68.3
268	65.9	56.1	84.1

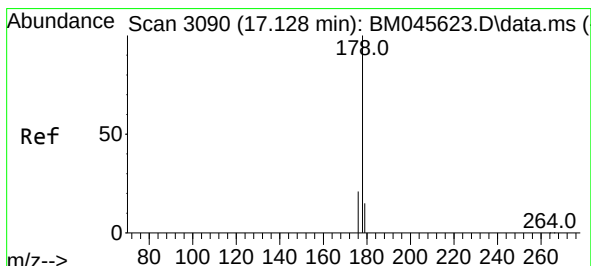
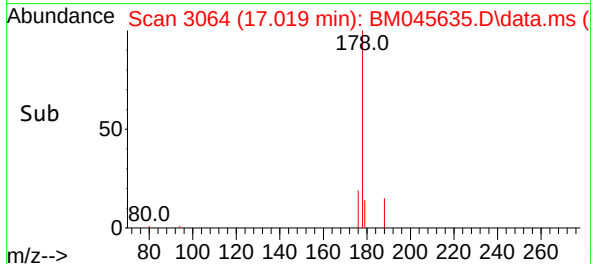
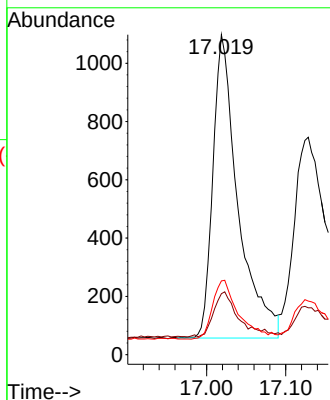
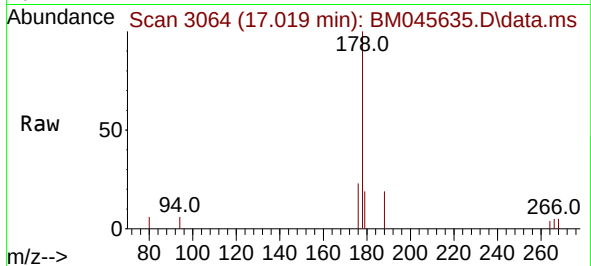




#15
Phenanthrene
Concen: 0.351 ng/ul
RT: 17.019 min Scan# 3066
Delta R.T. -0.008 min
Lab File: BM045635.D
Acq: 30 Apr 2024 03:48

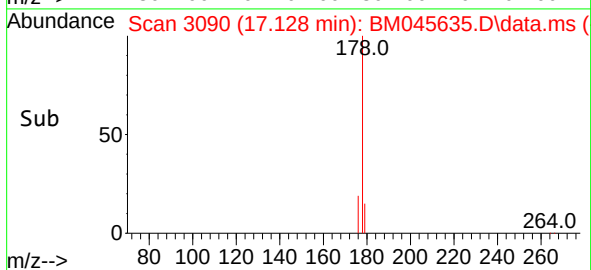
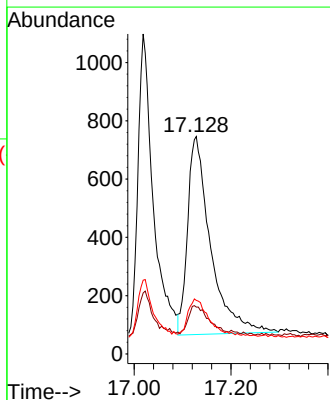
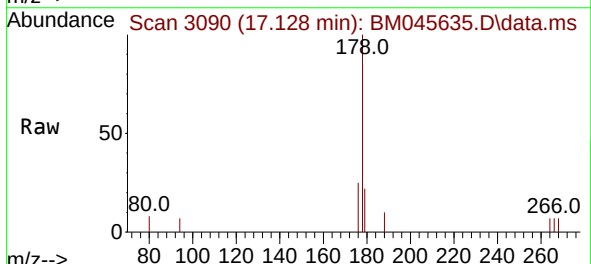
Instrument :
BNA_M
ClientSampleId :
SLCS400

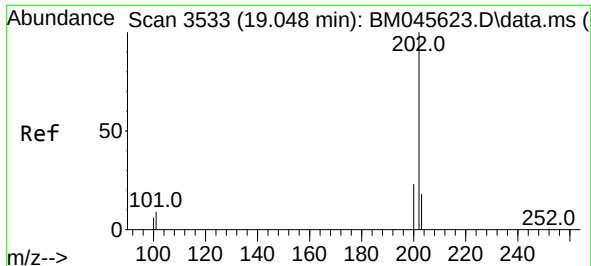
Tgt Ion:	178	Resp:	2294
Ion Ratio	Lower	Upper	
178	100		
179	19.0	15.4	23.2
176	23.0	19.0	28.4



#16
Anthracene
Concen: 0.365 ng/ul
RT: 17.128 min Scan# 3090
Delta R.T. 0.001 min
Lab File: BM045635.D
Acq: 30 Apr 2024 03:48

Tgt Ion:	178	Resp:	2232
Ion Ratio	Lower	Upper	
178	100		
179	21.6	17.8	26.6
176	24.7	18.7	28.1

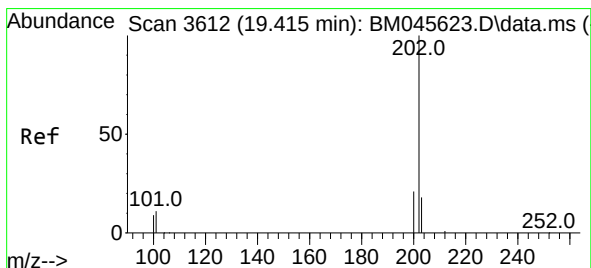
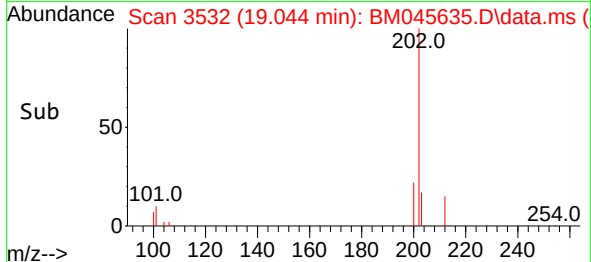
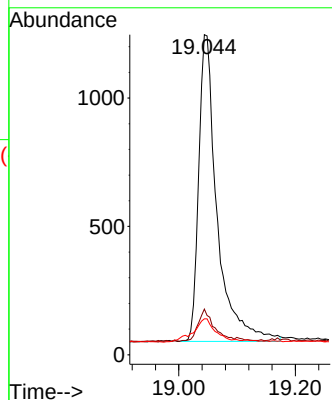
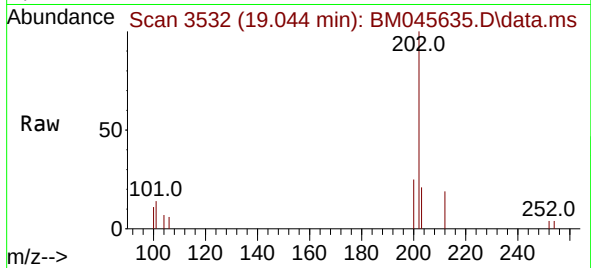




#19
Fluoranthene
Concen: 0.304 ng/ul
RT: 19.044 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045635.D
Acq: 30 Apr 2024 03:48

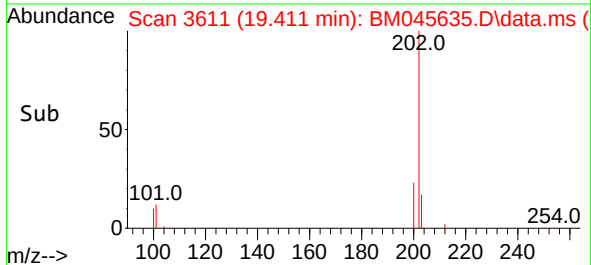
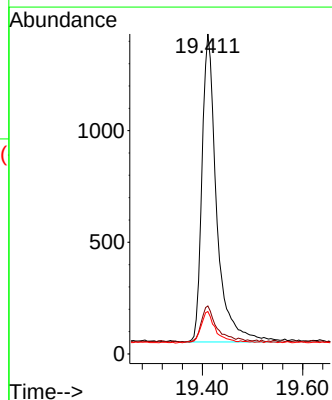
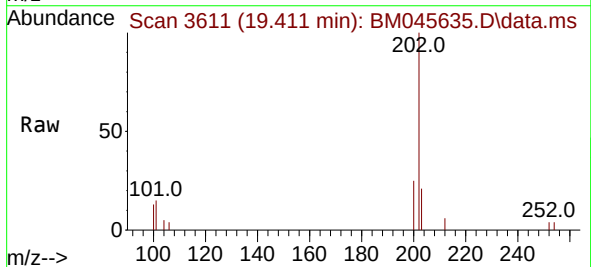
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BNA_M
ClientSampleId :
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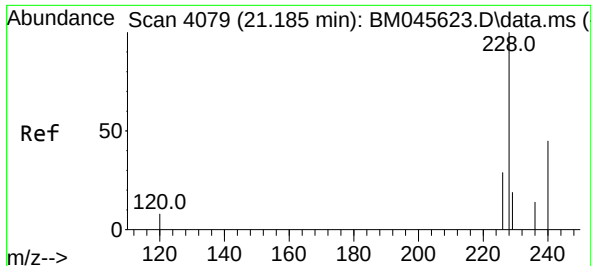
Tgt Ion:202 Resp: 2621
Ion Ratio Lower Upper
202 100
101 14.3 11.2 16.8
100 11.2 9.1 13.7



#20
Pyrene
Concen: 0.316 ng/ul
RT: 19.411 min Scan# 3611
Delta R.T. -0.004 min
Lab File: BM045635.D
Acq: 30 Apr 2024 03:48

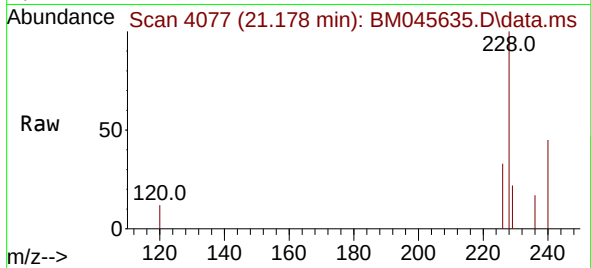
Tgt Ion:202 Resp: 2803
Ion Ratio Lower Upper
202 100
101 15.0 11.5 17.3
100 13.3 10.6 15.8



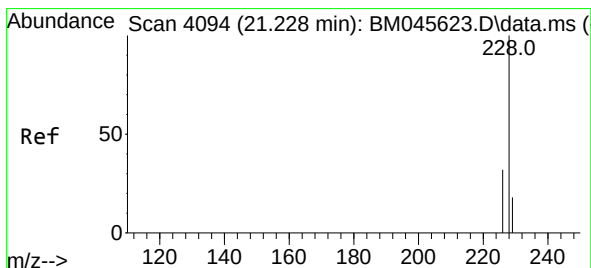
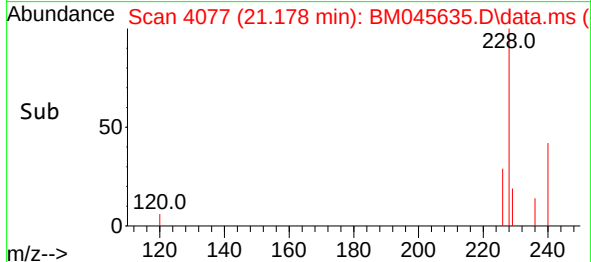
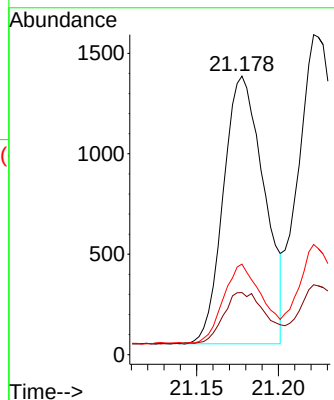


#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.178 min Scan# 4077
Delta R.T. -0.007 min
Lab File: BM045635.D
Acq: 30 Apr 2024 03:48

Instrument :
BNA_M
ClientSampleId :
SLCS400

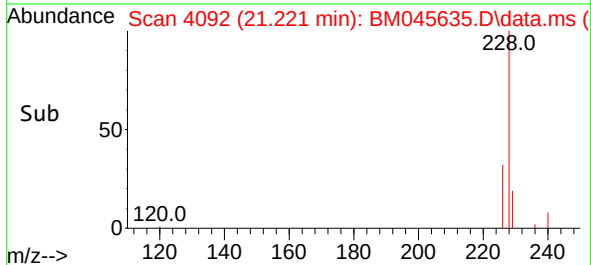
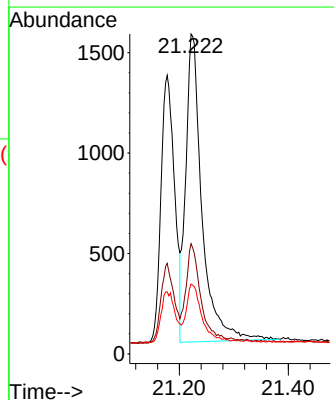
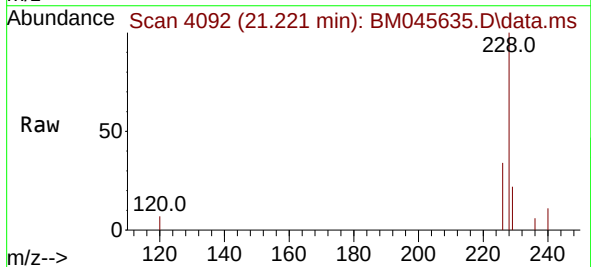


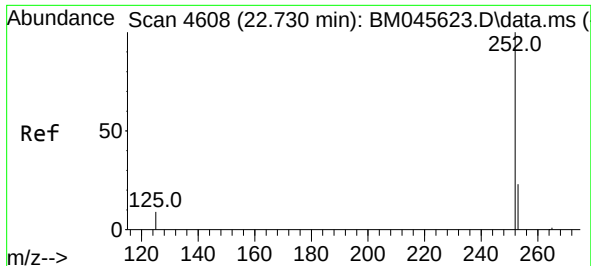
Tgt Ion:228 Resp: 2311
Ion Ratio Lower Upper
228 100
229 22.3 19.4 29.2
226 32.5 26.3 39.5



#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.221 min Scan# 4092
Delta R.T. -0.007 min
Lab File: BM045635.D
Acq: 30 Apr 2024 03:48

Tgt Ion:228 Resp: 3174
Ion Ratio Lower Upper
228 100
226 34.5 26.3 39.5
229 21.8 17.8 26.8

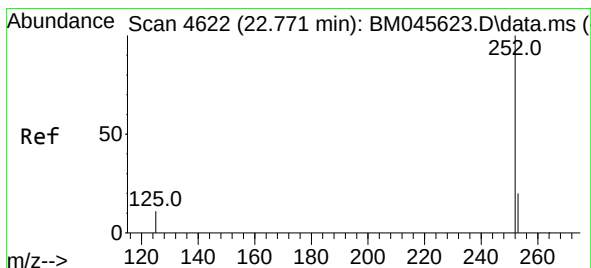
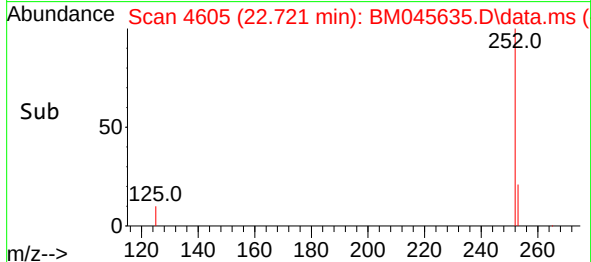
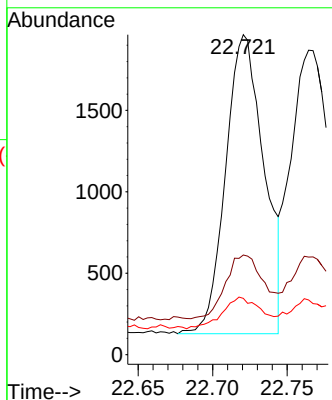
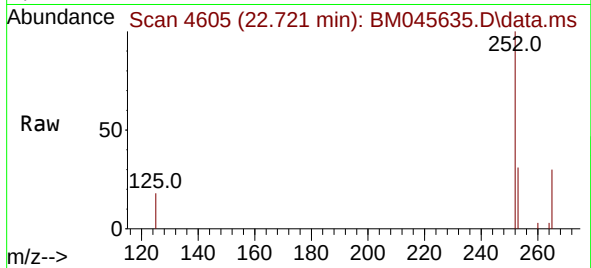




#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 22.721 min Scan# 4605
Delta R.T. -0.010 min
Lab File: BM045635.D
Acq: 30 Apr 2024 03:48

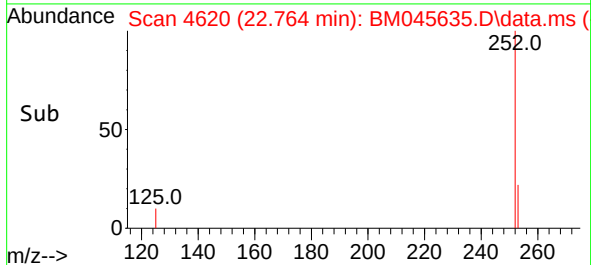
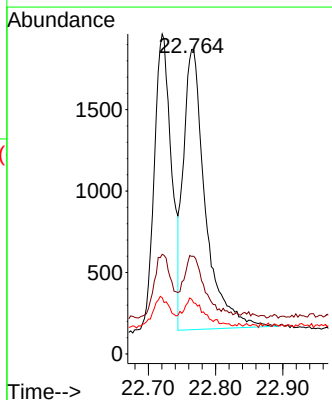
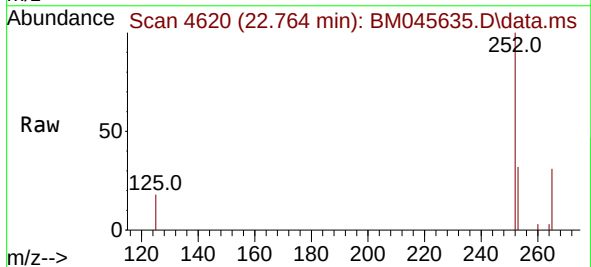
Instrument :
BNA_M
ClientSampleId :
SLCS400

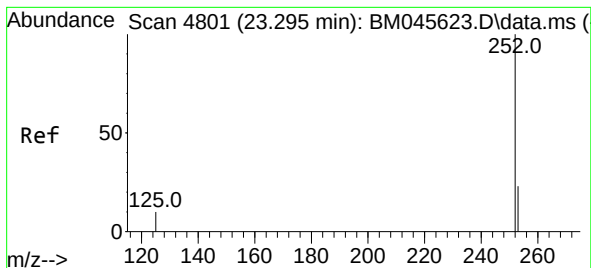
Tgt Ion:252 Resp: 3283
Ion Ratio Lower Upper
252 100
253 31.1 0.0 63.4
125 17.6 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.324 ng/ul
RT: 22.764 min Scan# 4620
Delta R.T. -0.007 min
Lab File: BM045635.D
Acq: 30 Apr 2024 03:48

Tgt Ion:252 Resp: 3896
Ion Ratio Lower Upper
252 100
253 32.0 25.4 38.0
125 18.0 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.341 ng/ul

RT: 23.288 min Scan# 41

Delta R.T. -0.007 min

Lab File: BM045635.D

Acq: 30 Apr 2024 03:48

Instrument :

BNA_M

ClientSampleId :

SLCS400

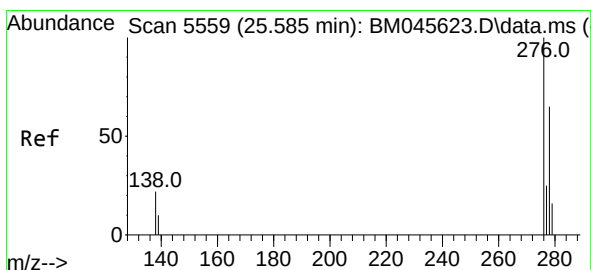
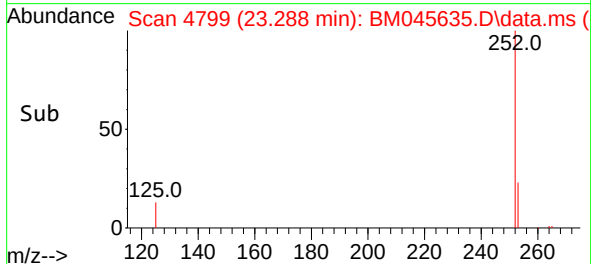
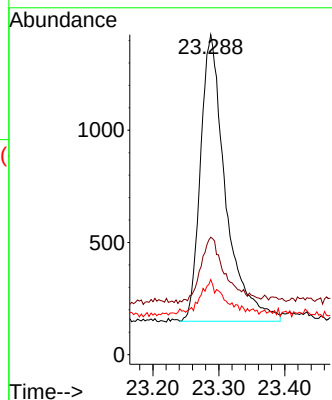
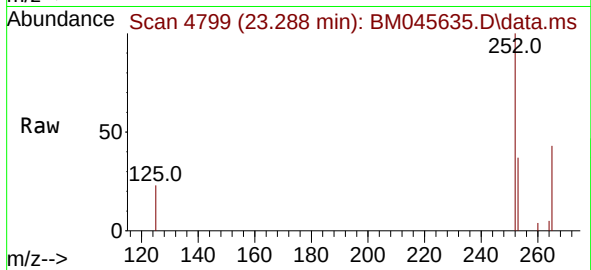
Tgt Ion:252 Resp: 3373

Ion Ratio Lower Upper

252 100

253 36.7 31.6 47.4

125 23.4 19.5 29.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.353 ng/ul

RT: 25.571 min Scan# 5555

Delta R.T. -0.014 min

Lab File: BM045635.D

Acq: 30 Apr 2024 03:48

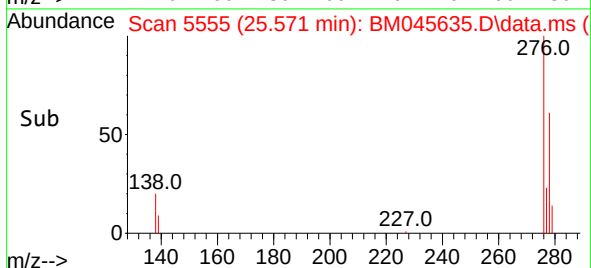
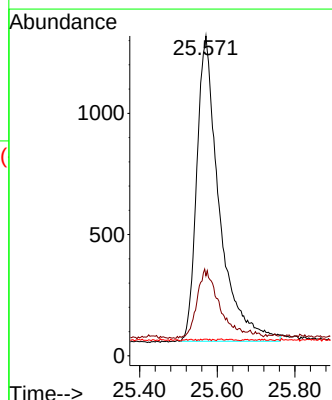
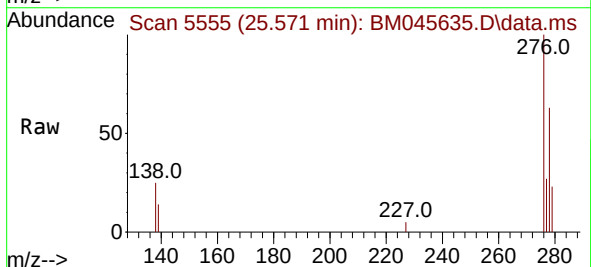
Tgt Ion:276 Resp: 5064

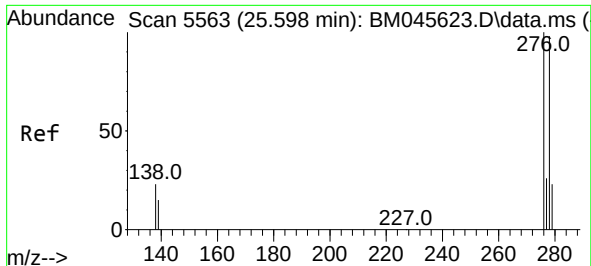
Ion Ratio Lower Upper

276 100

138 22.7 19.8 29.6

227 0.2 0.2 0.2

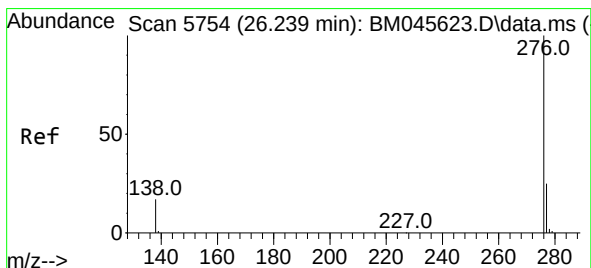
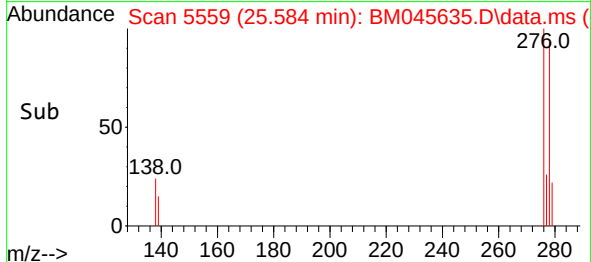
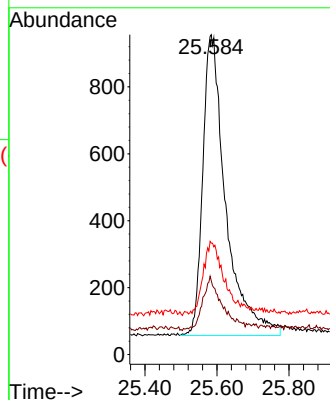
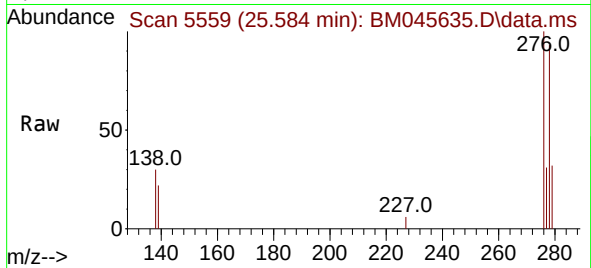




#28
 Dibenzo(a,h)anthracene
 Concen: 0.350 ng/ul
 RT: 25.584 min Scan# 51
 Delta R.T. -0.014 min
 Lab File: BM045635.D
 Acq: 30 Apr 2024 03:48

Instrument :
 BNA_M
 ClientSampleId :
 SLCS400

Tgt Ion:278 Resp: 3984
 Ion Ratio Lower Upper
 278 100
 139 23.1 19.0 28.6
 279 34.8 29.4 44.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.339 ng/ul
 RT: 26.225 min Scan# 5750
 Delta R.T. -0.014 min
 Lab File: BM045635.D
 Acq: 30 Apr 2024 03:48

Tgt Ion:276 Resp: 4369
 Ion Ratio Lower Upper
 276 100
 138 23.6 20.8 31.2
 277 29.5 21.8 32.8

