

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012224\
 Data File : BM043884.D
 Acq On : 22 Jan 2024 13:10
 Operator : MA/JU
 Sample : P1160-08DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

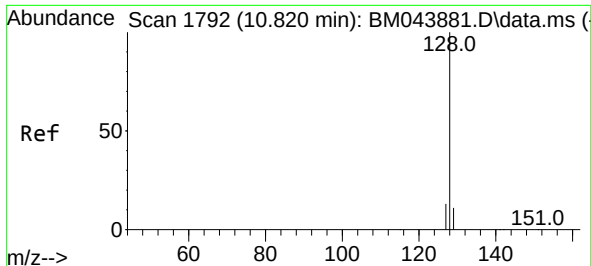
Instrument :
 BNA_M
 ClientSampleId :
 XA317DL

Quant Time: Jan 22 13:43:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 22:45:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	5652	0.400	ng/u1	0.00
4) Naphthalene-d8	10.743	136	14721	0.400	ng/u1	-0.02
9) Acenaphthene-d10	14.575	164	7093	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.330	188	14363	0.400	ng/u1	-0.02
17) Chrysene-d12	21.523	240	9962	0.400	ng/u1	-0.01
23) Perylene-d12	23.940	264	12504	0.400	ng/u1	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	770	0.100	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.365	152	1126	0.060	ng/u1	0.00
18) Fluoranthene-d10	19.359	212	2075	0.063	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	69578	1.623	ng/u1	97
10) Acenaphthylene	14.297	152	23072	0.608	ng/u1	99
11) Acenaphthene	14.635	153	47398	1.680	ng/u1	99
12) Fluorene	15.639	166	21526	0.738	ng/u1	99
15) Phenanthrene	17.372	178	25025	0.550	ng/u1	99
16) Anthracene	17.465	178	124145	2.927	ng/u1	97
19) Fluoranthene	19.391	202	39466	0.745	ng/u1	100
20) Pyrene	19.758	202	19302	0.348	ng/u1	99
21) Benzo(a)anthracene	21.509	228	33428	0.863	ng/u1	99
22) Chrysene	21.561	228	16219	0.311	ng/u1	98
24) Benzo(b)fluoranthene	23.201	252	33299	0.700	ng/u1	93
25) Benzo(k)fluoranthene	23.248	252	43867	0.768	ng/u1	90
26) Benzo(a)pyrene	23.838	252	12815	0.264	ng/u1#	92
27) Indeno(1,2,3-cd)pyrene	26.440	276	85278	1.361	ng/u1#	98
28) Dibenzo(a,h)anthracene	26.457	278	59793	1.249	ng/u1#	89
29) Benzo(g,h,i)perylene	27.208	276	53190	0.951	ng/u1	96

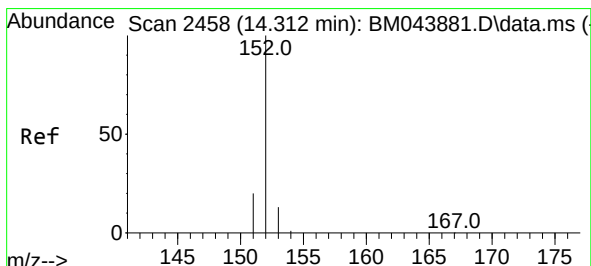
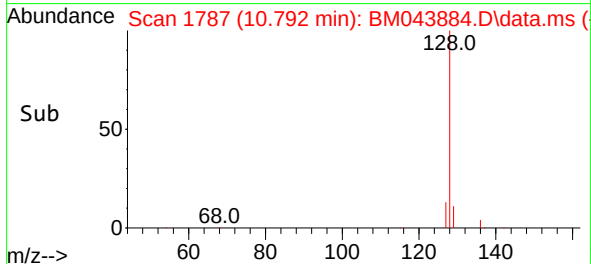
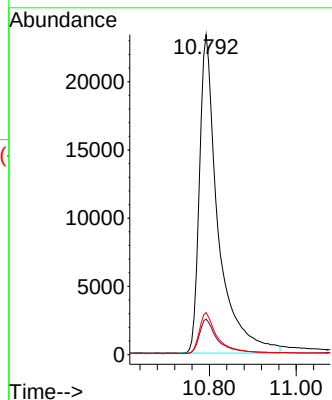
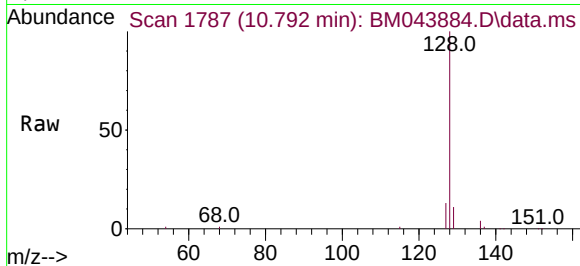
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
Naphthalene
Concen: 1.623 ng/ul
RT: 10.792 min Scan# 1787
Delta R.T. -0.022 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

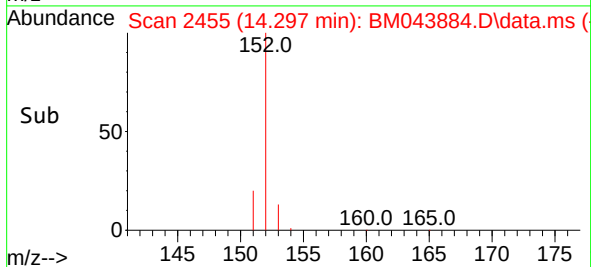
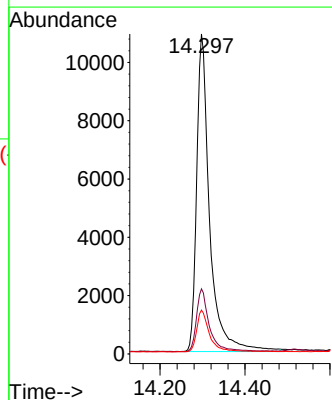
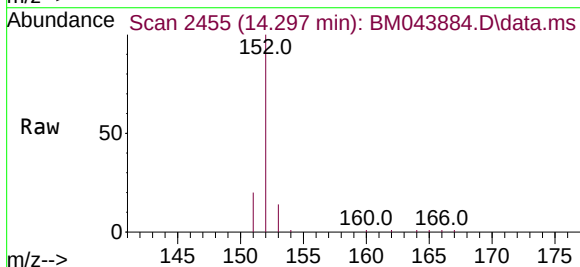
Instrument :
BNA_M
ClientSampleId :
XA317DL

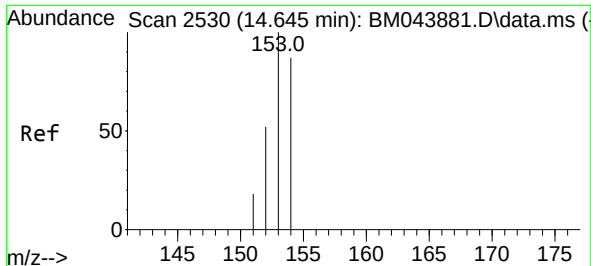
Tgt Ion:128 Resp: 69578
Ion Ratio Lower Upper
128 100
129 11.1 10.0 15.0
127 13.1 11.4 17.0



#10
Acenaphthylene
Concen: 0.608 ng/ul
RT: 14.297 min Scan# 2455
Delta R.T. -0.014 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

Tgt Ion:152 Resp: 23072
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 13.7 11.7 17.5

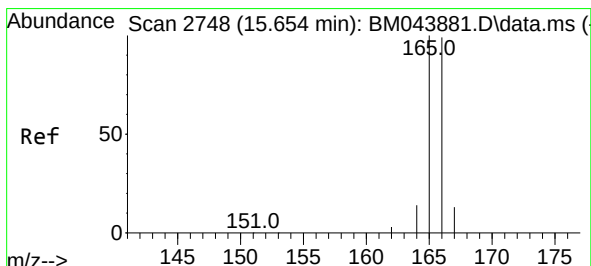
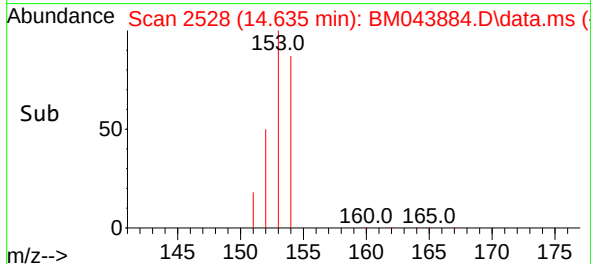
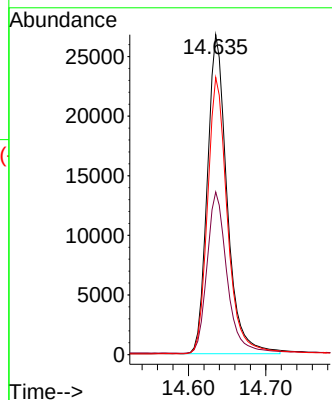
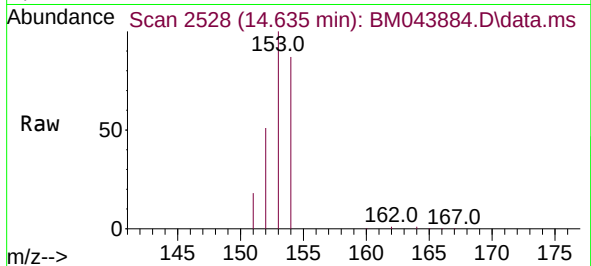




#11
Acenaphthene
Concen: 1.680 ng/ul
RT: 14.635 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

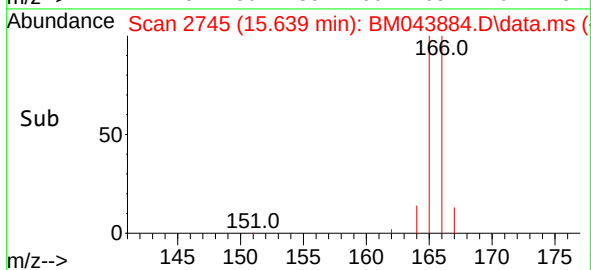
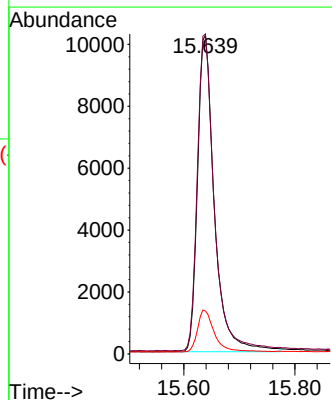
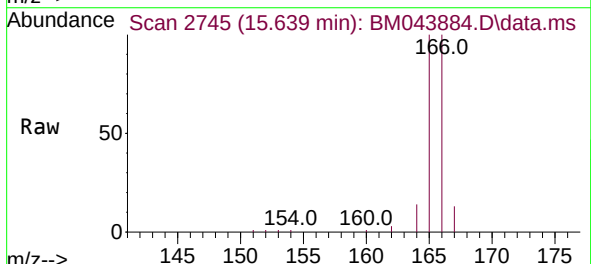
Instrument :
BNA_M
ClientSampleId :
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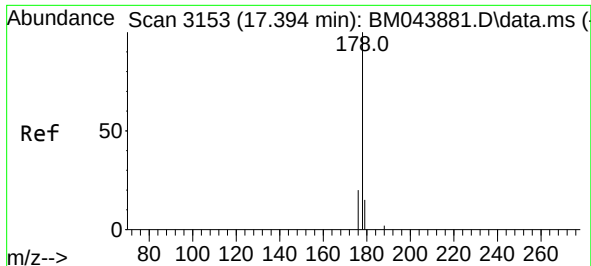
Tgt Ion	153	152	154
Resp:	47398		
Ratio	100	50.8	86.6
Lower		42.1	69.0
Upper		63.1	103.6



#12
Fluorene
Concen: 0.738 ng/ul
RT: 15.639 min Scan# 2745
Delta R.T. -0.014 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

Tgt Ion	166	165	167
Resp:	21526		
Ratio	100	100.4	13.5
Lower		79.2	11.4
Upper		118.8	17.2

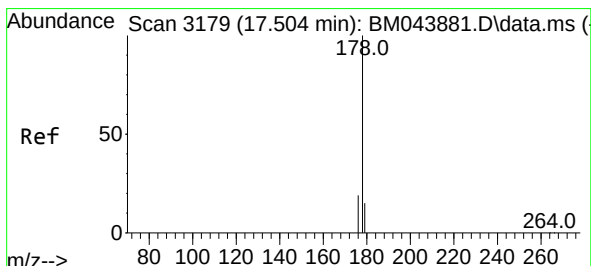
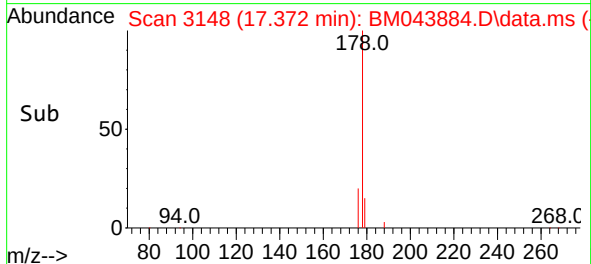
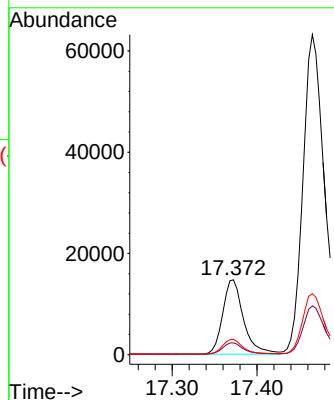
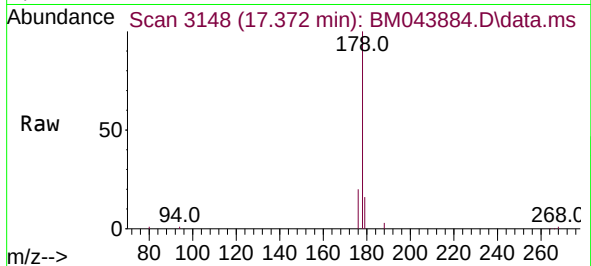




#15
Phenanthrene
Concen: 0.550 ng/ul
RT: 17.372 min Scan# 3153
Delta R.T. -0.021 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

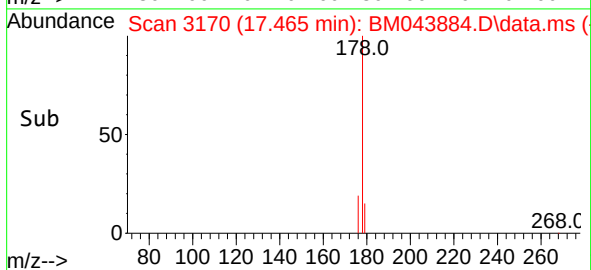
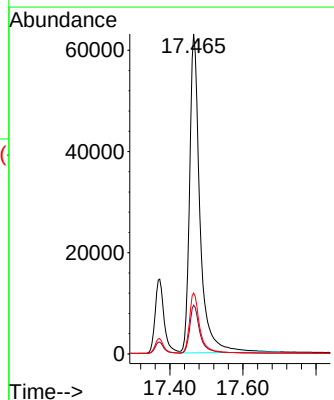
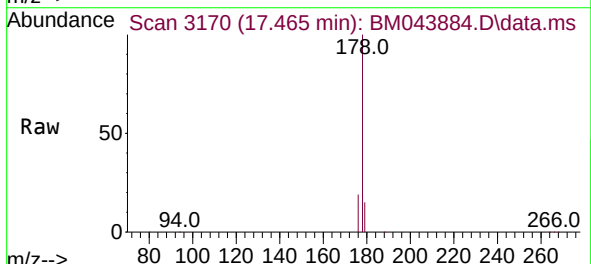
Instrument :
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ClientSampleId :
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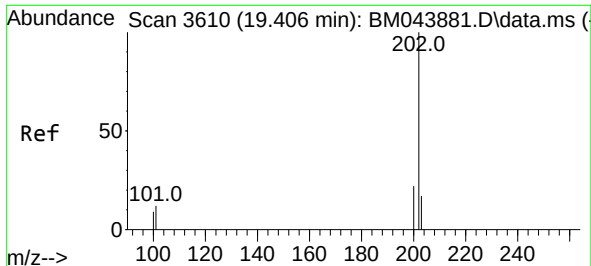
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	20.4	16.4	24.6



#16
Anthracene
Concen: 2.927 ng/ul
RT: 17.465 min Scan# 3170
Delta R.T. -0.030 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.2	19.8
176	19.0	16.2	24.2

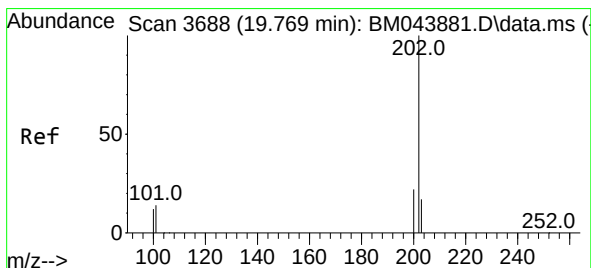
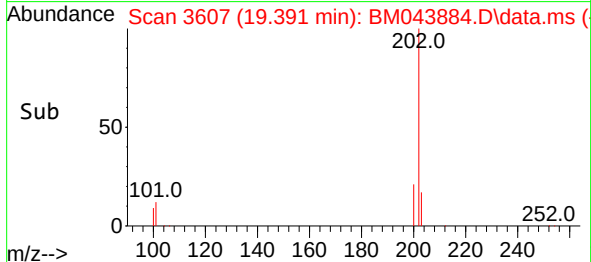
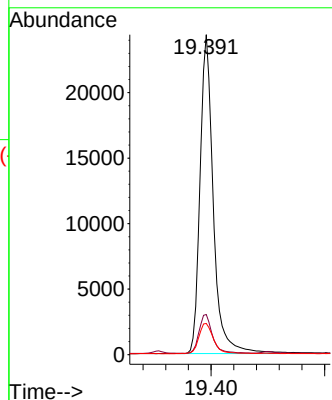
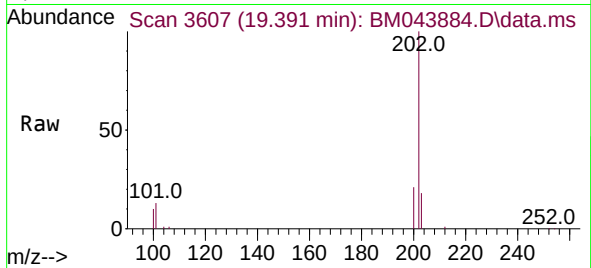




#19
Fluoranthene
Concen: 0.745 ng/ul
RT: 19.391 min Scan# 3607
Delta R.T. -0.009 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

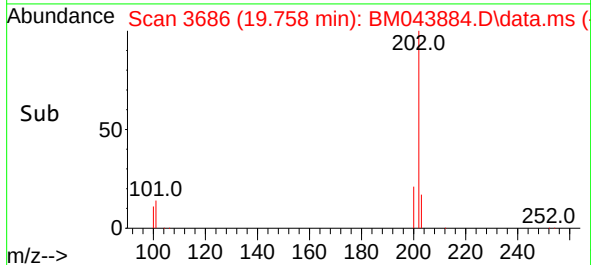
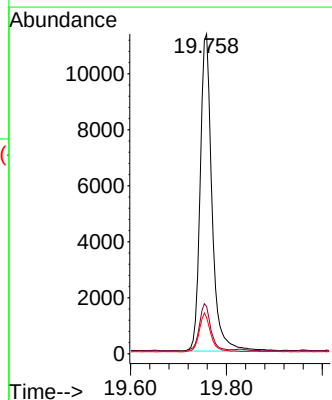
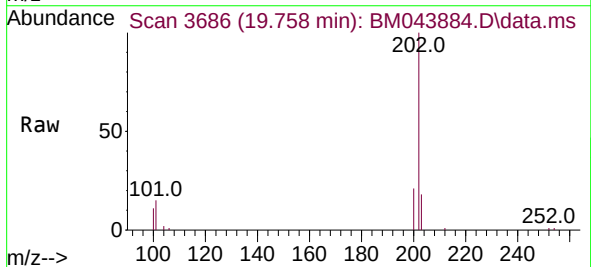
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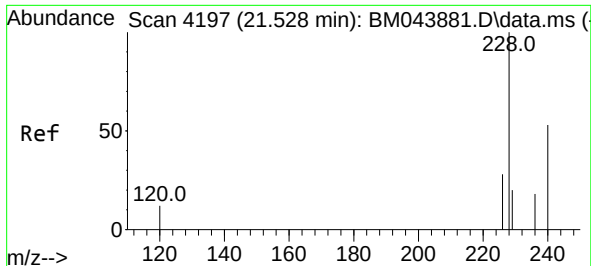
Tgt Ion:202 Resp: 39466
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 9.7 8.0 12.0



#20
Pyrene
Concen: 0.348 ng/ul
RT: 19.758 min Scan# 3686
Delta R.T. -0.009 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

Tgt Ion:202 Resp: 19302
Ion Ratio Lower Upper
202 100
101 14.8 11.9 17.9
100 11.3 9.5 14.3

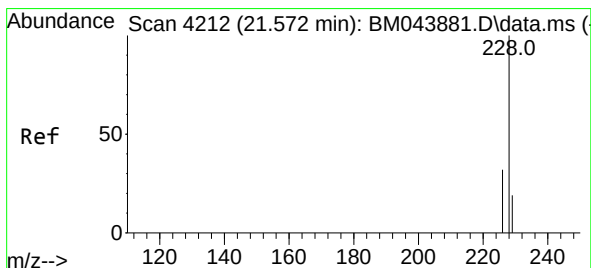
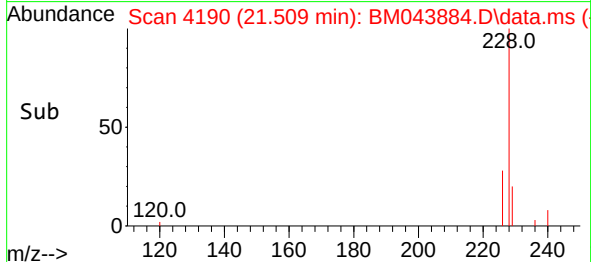
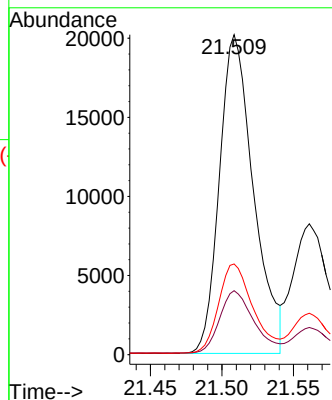
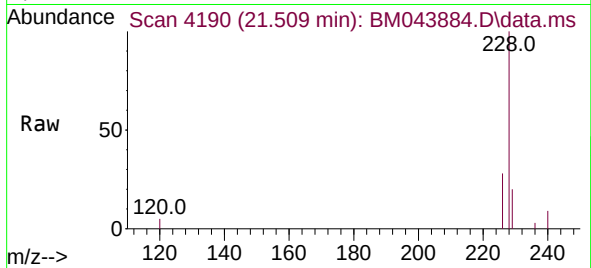




#21
Benzo(a)anthracene
Concen: 0.863 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.015 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

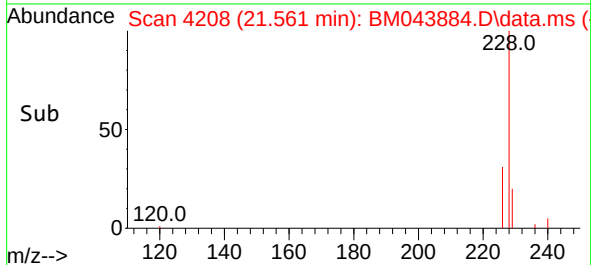
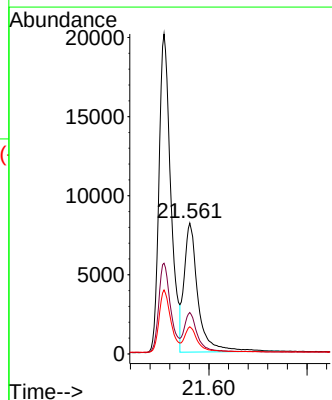
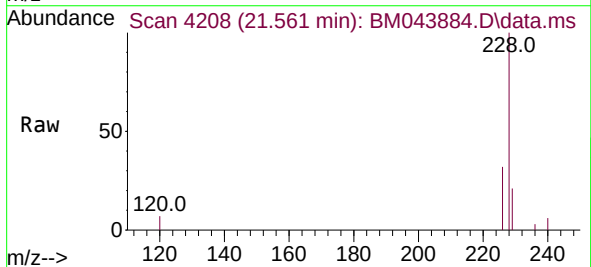
Instrument :
BNA_M
ClientSampleId :
XA317DL

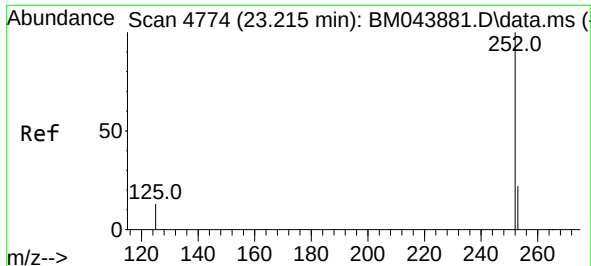
Tgt Ion:228 Resp: 33428
Ion Ratio Lower Upper
228 100
229 20.0 16.5 24.7
226 28.4 23.1 34.7



#22
Chrysene
Concen: 0.311 ng/ul
RT: 21.561 min Scan# 4208
Delta R.T. -0.012 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

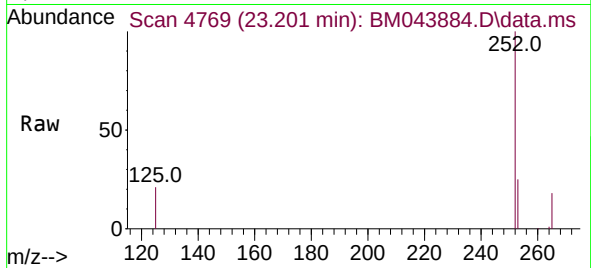
Tgt Ion:228 Resp: 16219
Ion Ratio Lower Upper
228 100
226 31.6 26.2 39.2
229 20.7 16.2 24.2



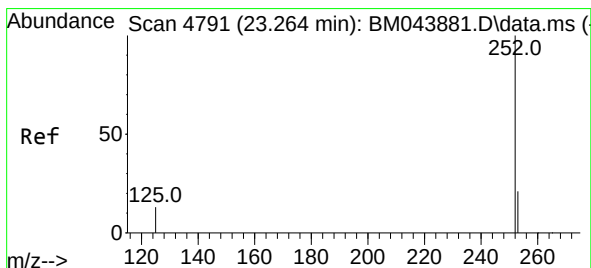
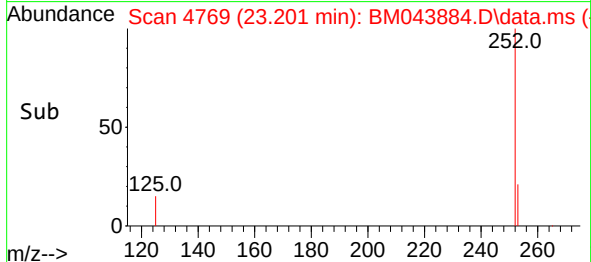
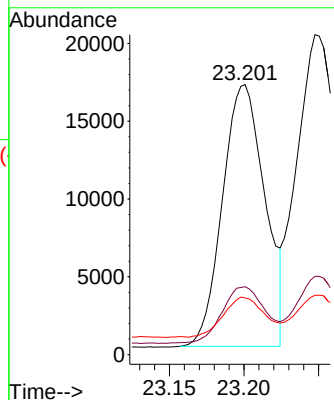


#24
Benzo(b)fluoranthene
Concen: 0.700 ng/ul
RT: 23.201 min Scan# 4769
Delta R.T. -0.015 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

Instrument :
BNA_M
ClientSampleId :
XA317DL

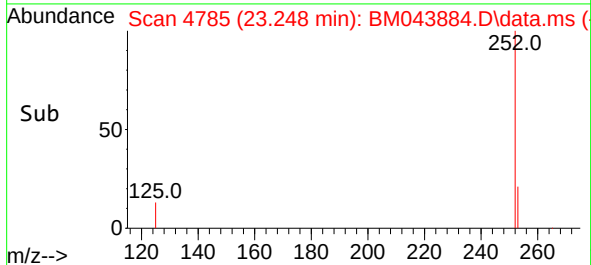
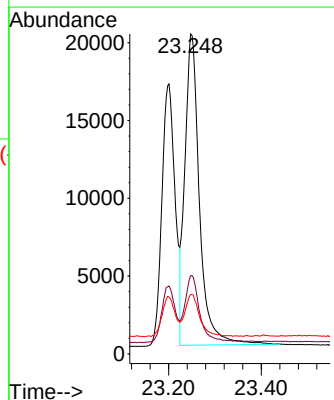
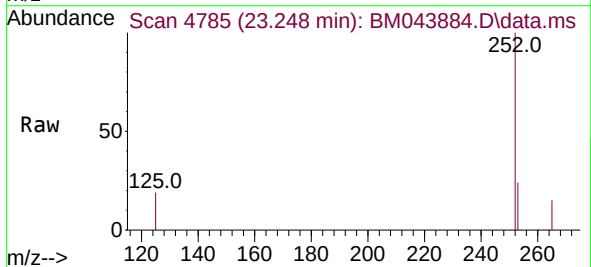


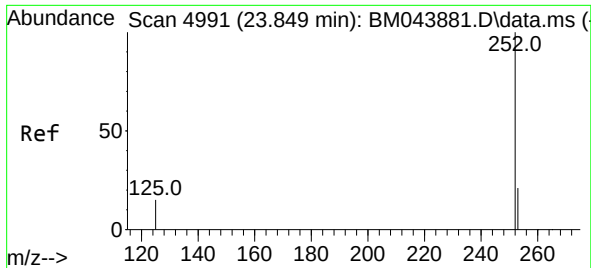
Tgt Ion:252 Resp: 33299
Ion Ratio Lower Upper
252 100
253 25.2 0.0 58.8
125 21.0 0.0 47.2



#25
Benzo(k)fluoranthene
Concen: 0.768 ng/ul
RT: 23.248 min Scan# 4785
Delta R.T. -0.018 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

Tgt Ion:252 Resp: 43867
Ion Ratio Lower Upper
252 100
253 24.4 24.2 36.2
125 18.5 17.9 26.9

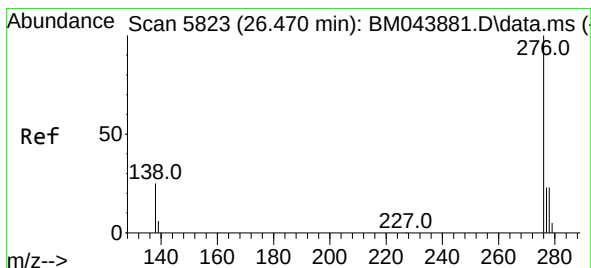
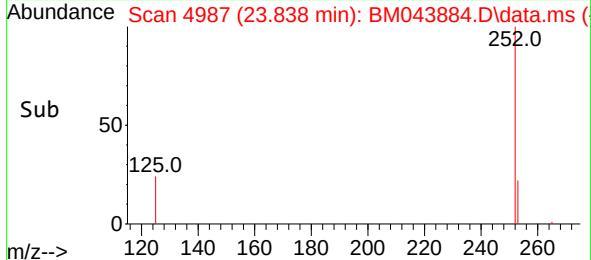
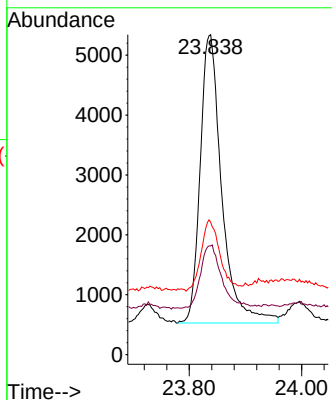
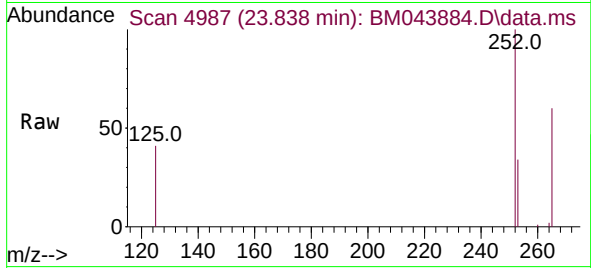




#26
Benzo(a)pyrene
Concen: 0.264 ng/ul
RT: 23.838 min Scan# 4991
Delta R.T. -0.015 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

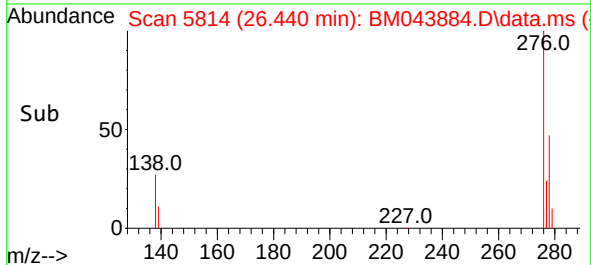
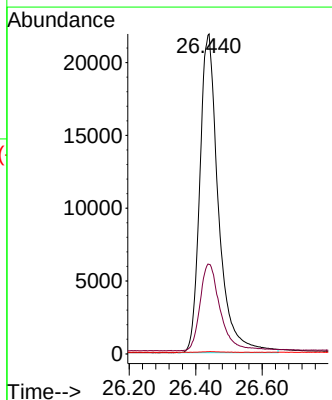
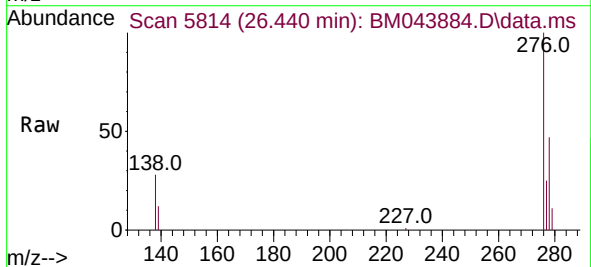
Instrument :
BNA_M
ClientSampleId :
XA317DL

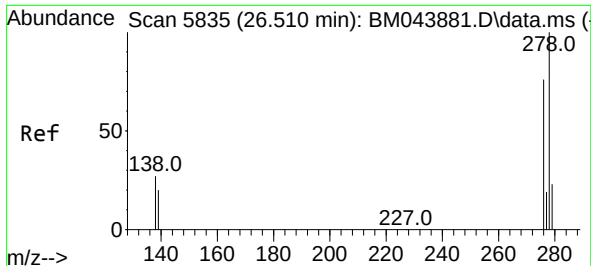
Tgt Ion:252	Resp:	12815
Ion Ratio	Lower	Upper
252	100	
253	34.0	28.6 42.8
125	41.3	26.9 40.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.361 ng/ul
RT: 26.440 min Scan# 5814
Delta R.T. -0.037 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

Tgt Ion:276	Resp:	85278
Ion Ratio	Lower	Upper
276	100	
138	29.7	24.6 36.8
227	0.1	0.1 0.1#

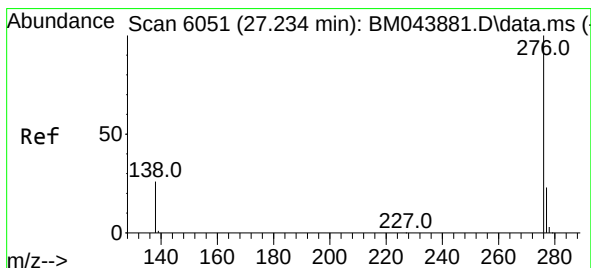
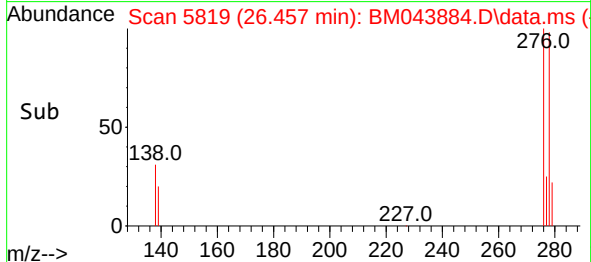
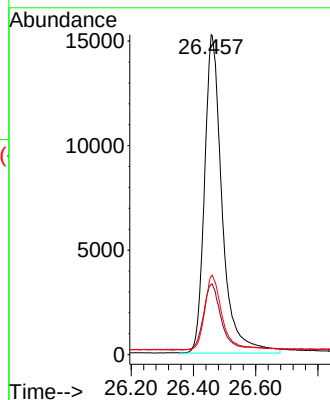
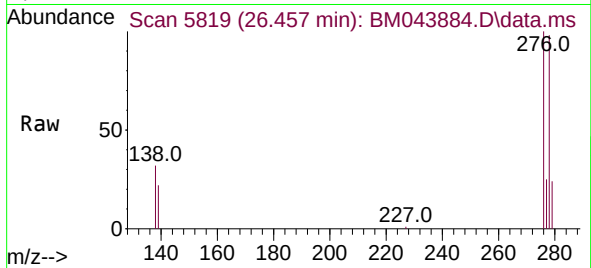




#28
Dibenzo(a,h)anthracene
Concen: 1.249 ng/ul
RT: 26.457 min Scan# 5835
Delta R.T. -0.054 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

Instrument :
BNA_M
ClientSampleId :
XA317DL

Tgt Ion:278 Resp: 59793
Ion Ratio Lower Upper
278 100
139 22.0 21.1 31.7
279 24.5 25.8 38.6#



#29
Benzo(g,h,i)perylene
Concen: 0.951 ng/ul
RT: 27.208 min Scan# 6043
Delta R.T. -0.037 min
Lab File: BM043884.D
Acq: 22 Jan 2024 13:10

Tgt Ion:276 Resp: 53190
Ion Ratio Lower Upper
276 100
138 27.8 24.0 36.0
277 24.0 20.6 31.0

