

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044210.D
 Acq On : 20 Feb 2024 17:21
 Operator : MA/JU
 Sample : PB159061BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 20 23:05:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

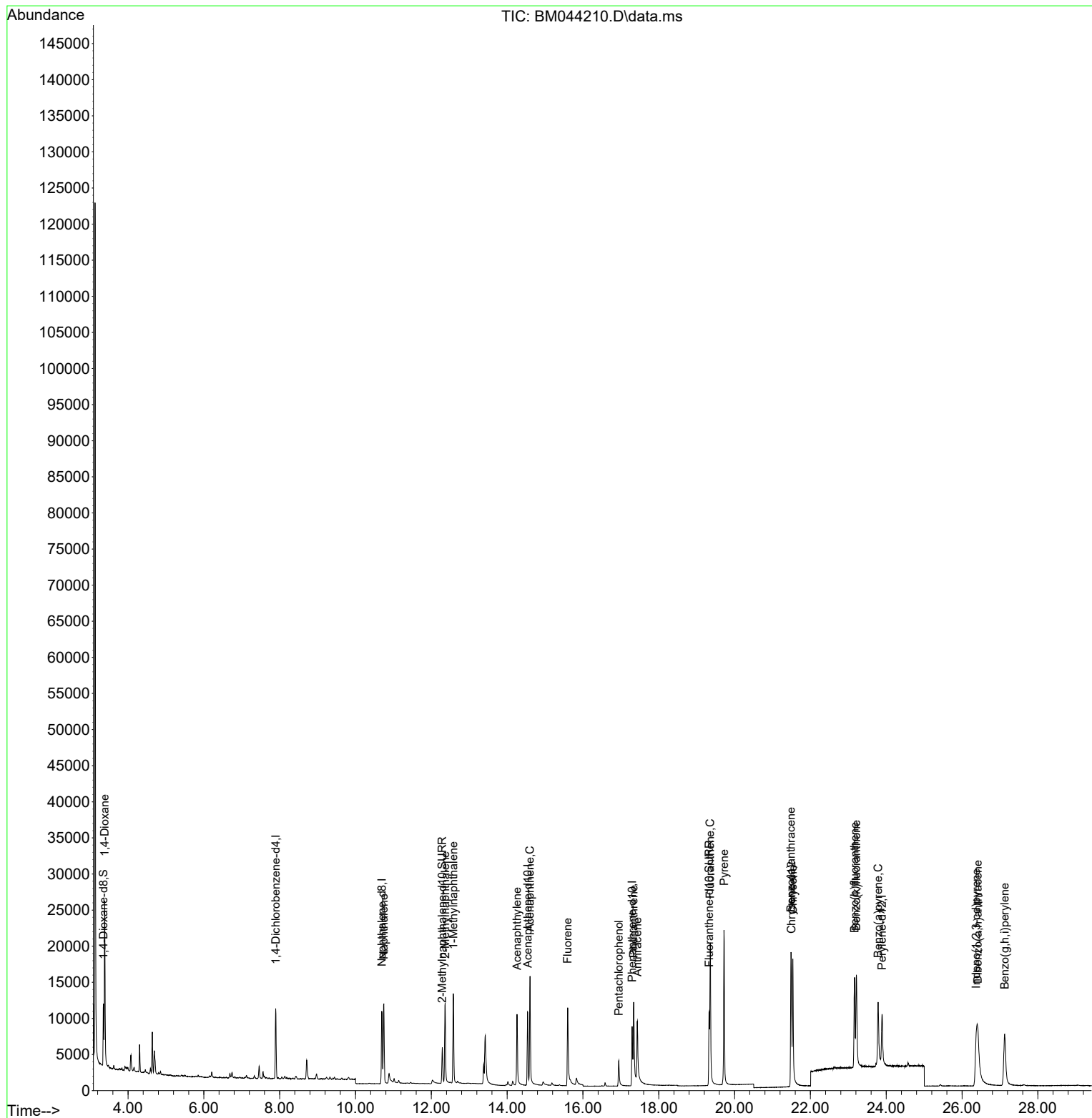
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	4983	0.400	ng/ul	0.00
4) Naphthalene-d8	10.693	136	14291	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.543	164	6332	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	12863	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	10174	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264	11586	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5415	0.767	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7451	0.372	ng/ul	-0.01
18) Fluoranthene-d10	19.331	212	13180	0.434	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	14362	2.036	ng/ul#	77
5) Naphthalene	10.748	128	15895	0.374	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	9262	0.354	ng/ul	99
8) 1-Methylnaphthalene	12.580	142	9406	0.355	ng/ul	99
10) Acenaphthylene	14.260	152	13591	0.391	ng/ul	97
11) Acenaphthene	14.603	153	9668	0.383	ng/ul	100
12) Fluorene	15.597	166	10074	0.354	ng/ul	100
14) Pentachlorophenol	16.946	266	3315	0.720	ng/ul	99
15) Phenanthrene	17.339	178	15538	0.381	ng/ul	99
16) Anthracene	17.436	178	16334	0.405	ng/ul	99
19) Fluoranthene	19.359	202	19252	0.415	ng/ul	98
20) Pyrene	19.721	202	20319	0.417	ng/ul	97
21) Benzo(a)anthracene	21.485	228	16124	0.346	ng/ul	99
22) Chrysene	21.538	228	20413	0.406	ng/ul	99
24) Benzo(b)fluoranthene	23.163	252	18158	0.380	ng/ul	96
25) Benzo(k)fluoranthene	23.212	252	20888	0.402	ng/ul	96
26) Benzo(a)pyrene	23.785	252	16878	0.380	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.373	276	21001	0.371	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.417	278	16579	0.372	ng/ul	96
29) Benzo(g,h,i)perylene	27.124	276	18751	0.375	ng/ul	98

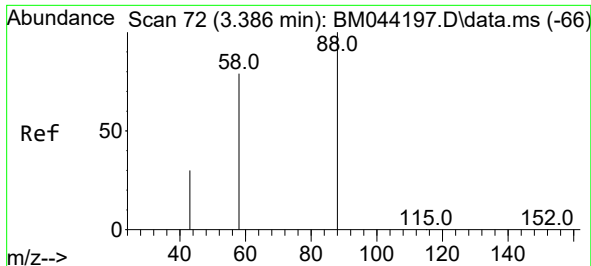
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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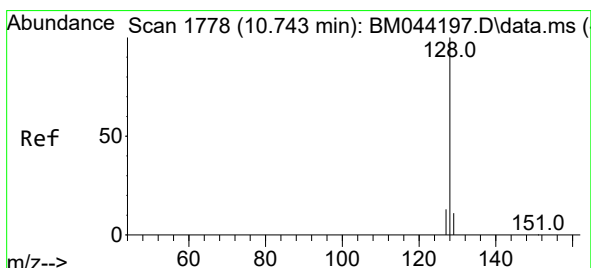
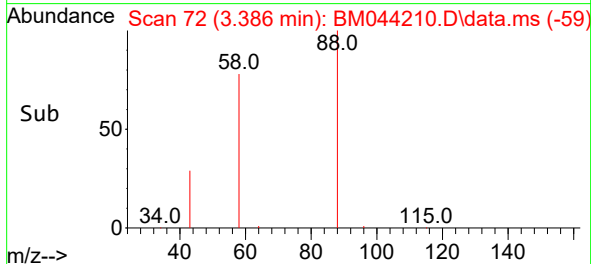
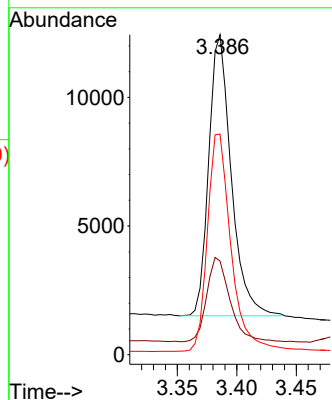
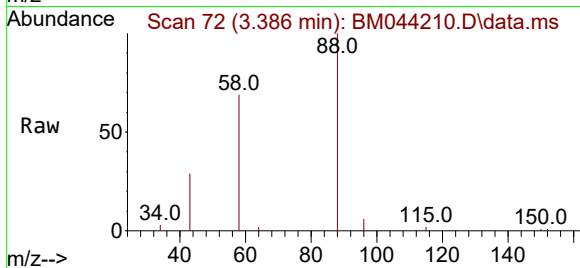




#2
1,4-Dioxane
Concen: 2.036 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

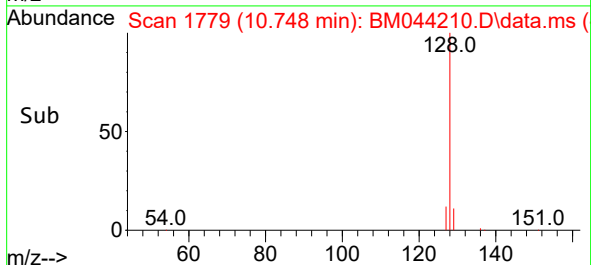
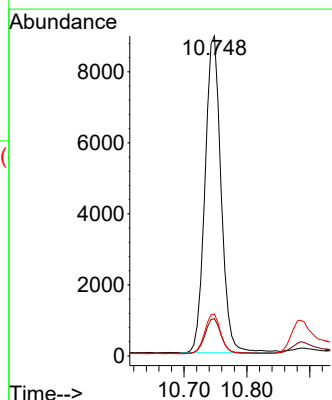
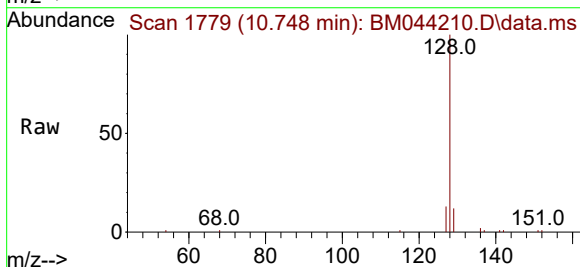
Instrument :
BNA_M
ClientSampleId :

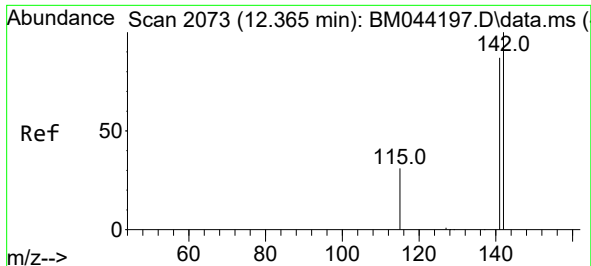
Tgt Ion: 88 Resp: 14362
Ion Ratio Lower Upper
88 100
43 29.3 32.2 48.2#
58 69.0 40.6 60.8#



#5
Naphthalene
Concen: 0.374 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

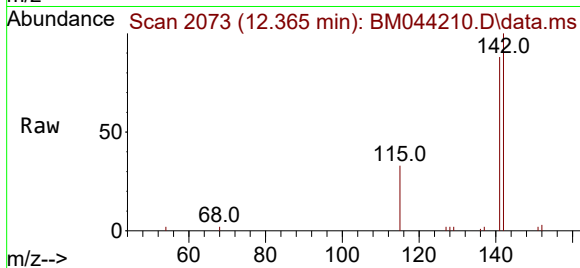
Tgt Ion: 128 Resp: 15895
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.1 10.7 16.1



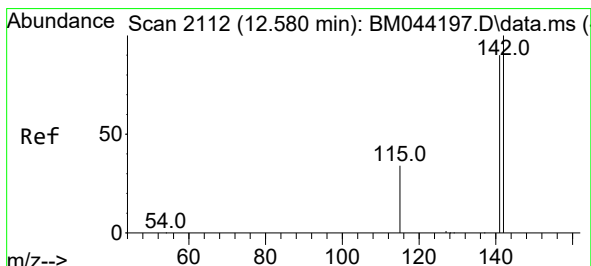
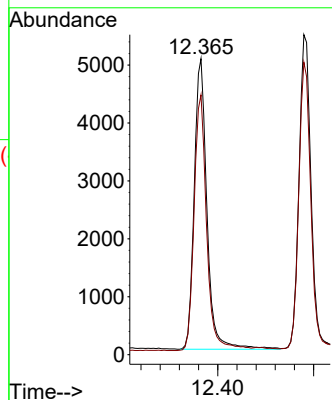
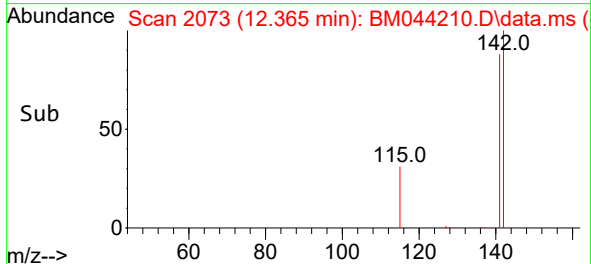


#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

Instrument :
BNA_M
ClientSampleId :

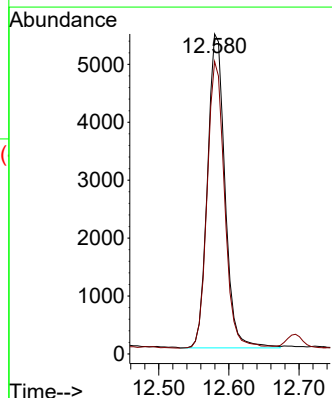
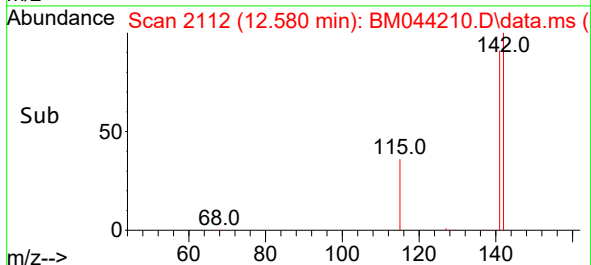
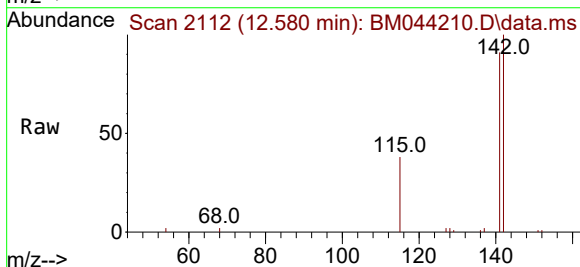


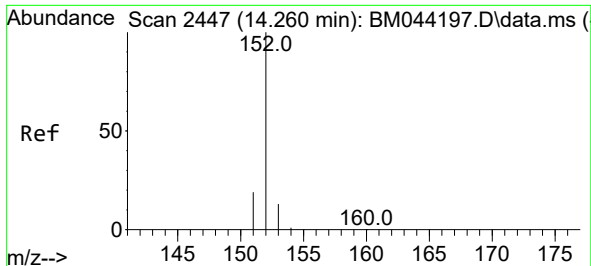
Tgt Ion:142 Resp: 9262
Ion Ratio Lower Upper
142 100
141 88.8 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

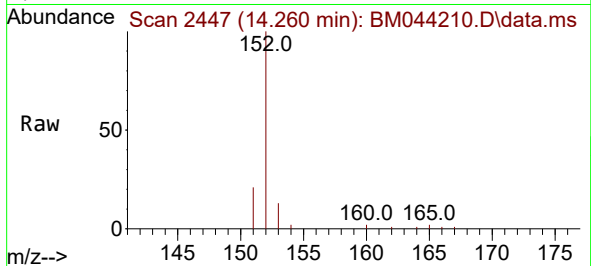
Tgt Ion:142 Resp: 9406
Ion Ratio Lower Upper
142 100
141 91.2 72.5 108.7



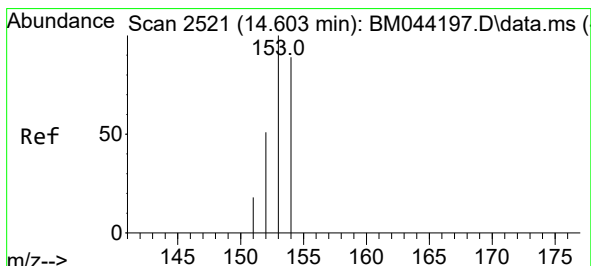
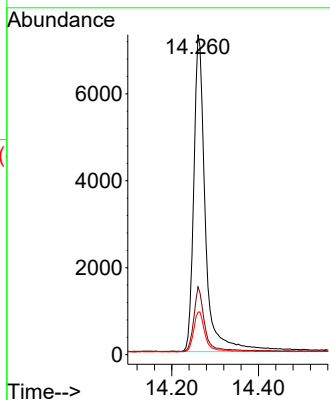
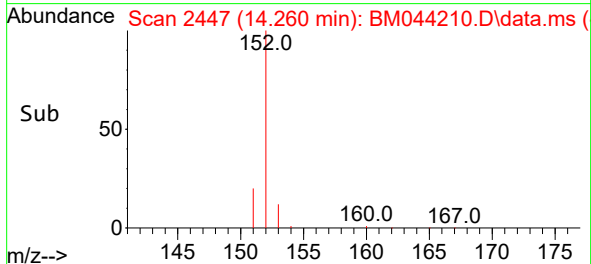


#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.260 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

Instrument :
BNA_M
ClientSampleId :

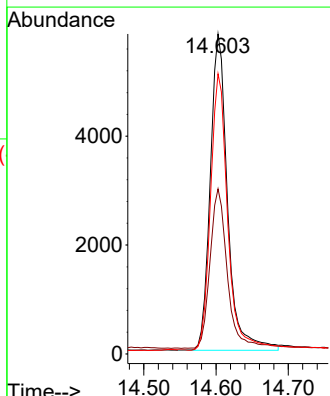
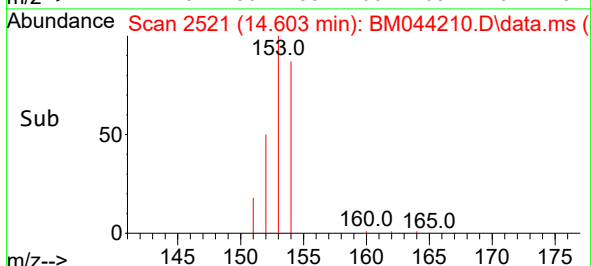
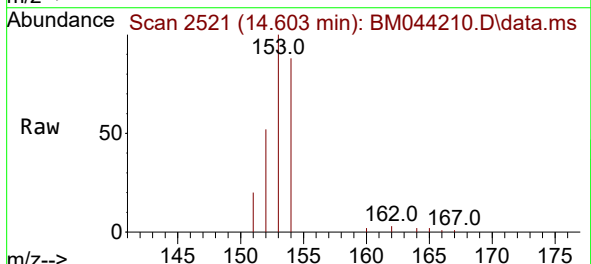


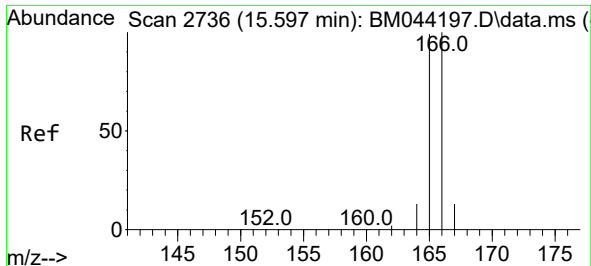
Tgt Ion:152 Resp: 13591
Ion Ratio Lower Upper
152 100
151 21.2 15.5 23.3
153 13.3 10.8 16.2



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.603 min Scan# 2521
Delta R.T. -0.005 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

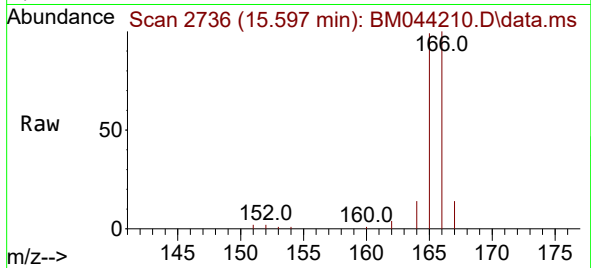
Tgt Ion:153 Resp: 9668
Ion Ratio Lower Upper
153 100
152 51.6 40.6 61.0
154 87.5 70.1 105.1



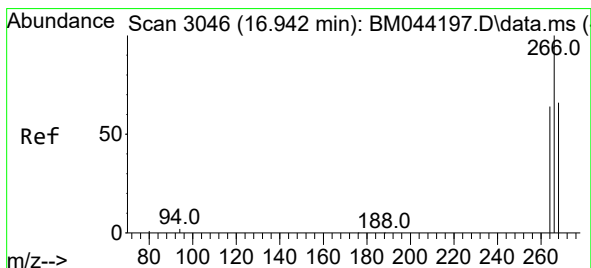
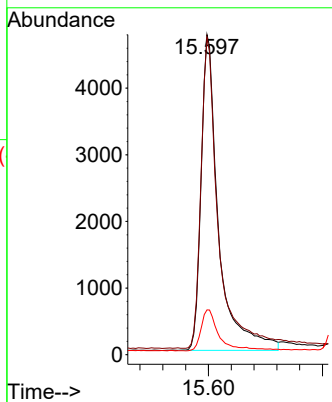
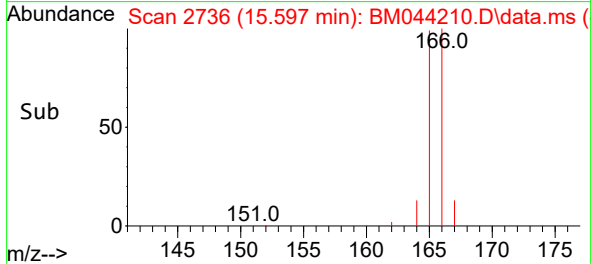


#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.597 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

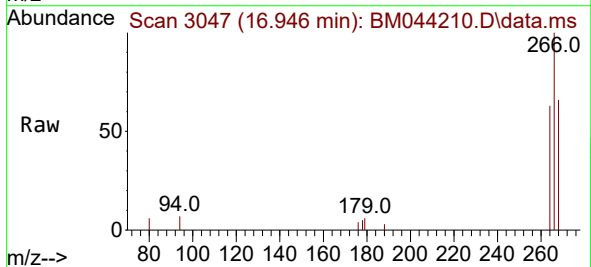
Instrument :
BNA_M
ClientSampleId :



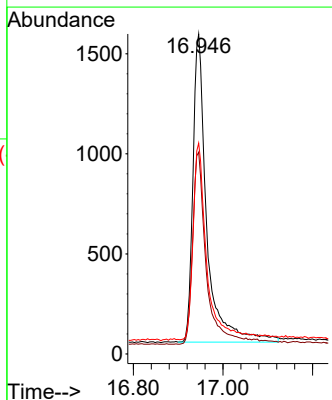
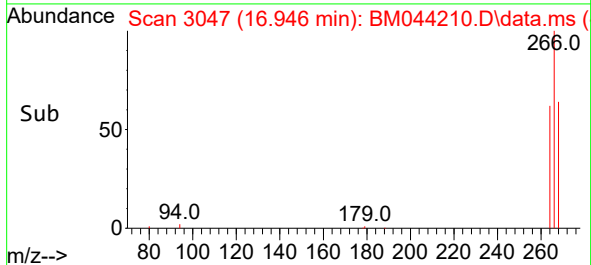
Tgt Ion:166 Resp: 10074
Ion Ratio Lower Upper
166 100
165 99.2 79.8 119.6
167 14.0 11.1 16.7

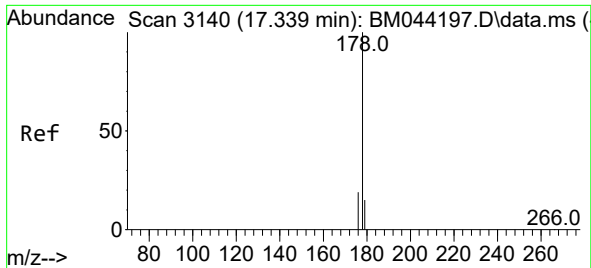


#14
Pentachlorophenol
Concen: 0.720 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. 0.000 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21



Tgt Ion:266 Resp: 3315
Ion Ratio Lower Upper
266 100
264 62.7 49.4 74.0
268 64.3 52.1 78.1

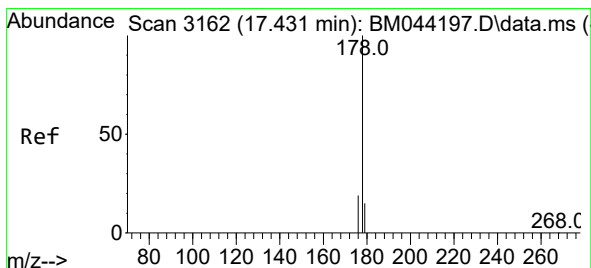
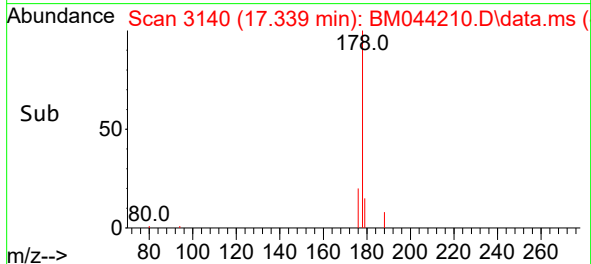
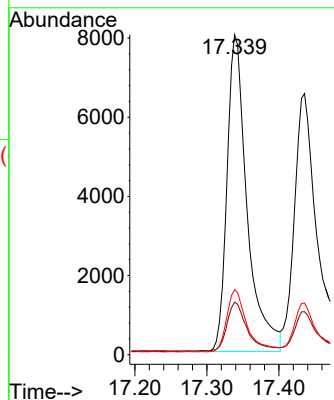
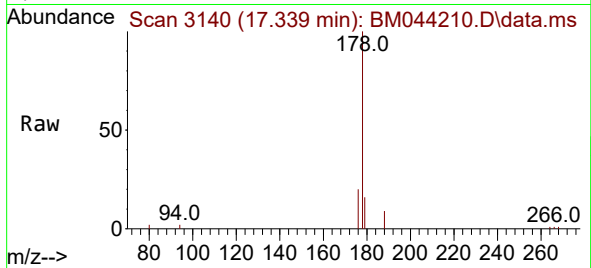




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

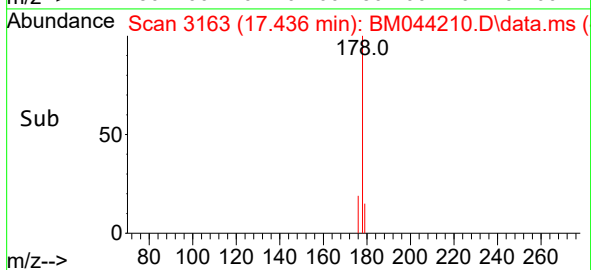
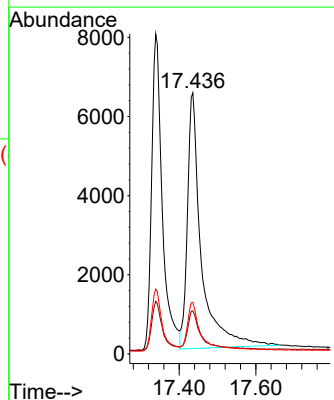
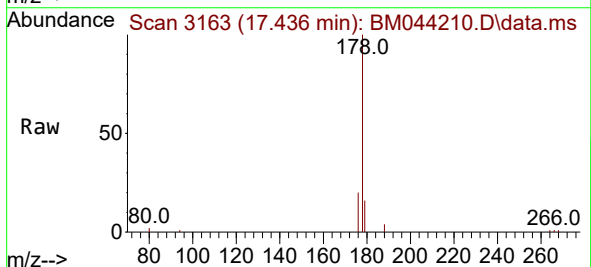
Instrument :
BNA_M
ClientSampleId :

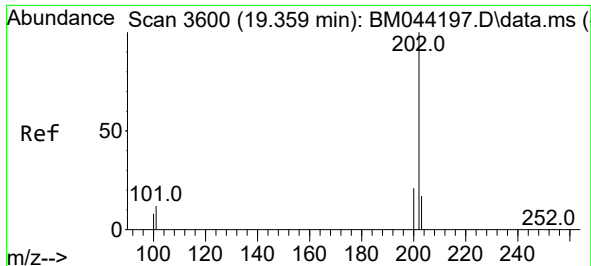
Tgt Ion:178	Resp:	15538
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.6 19.0
176	20.3	16.0 24.0



#16
Anthracene
Concen: 0.405 ng/ul
RT: 17.436 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

Tgt Ion:178	Resp:	16334
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.8 19.2
176	19.8	15.3 22.9

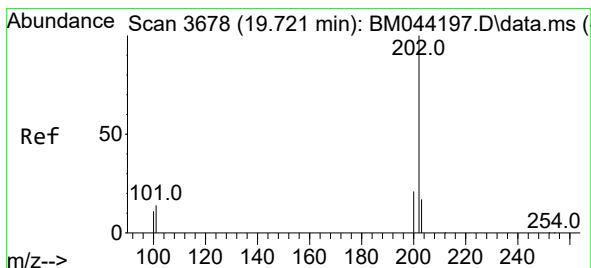
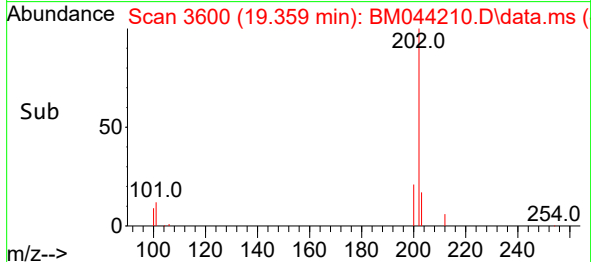
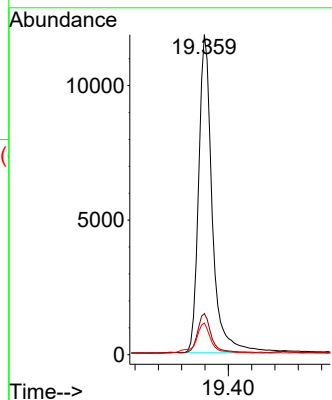
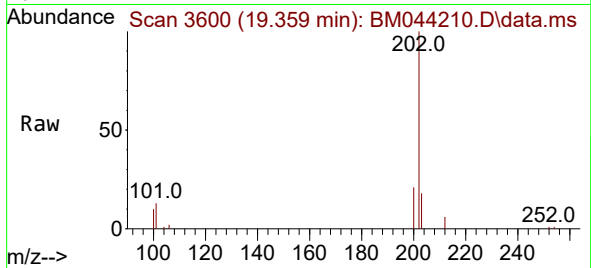




#19
Fluoranthene
Concen: 0.415 ng/ul
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

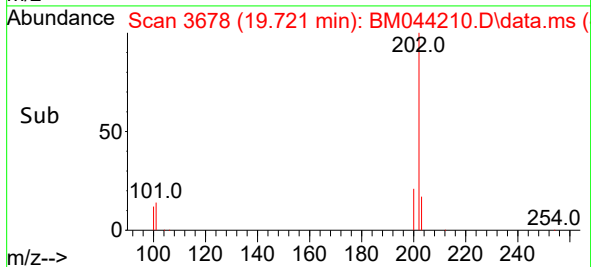
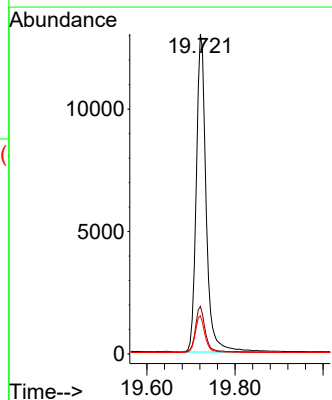
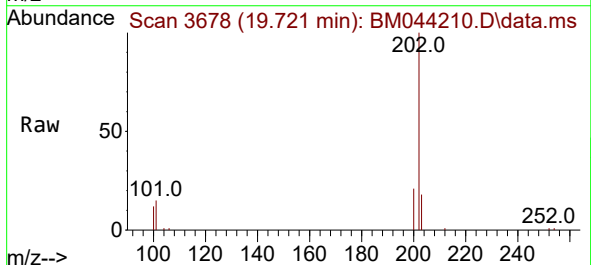
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ClientSampleId :

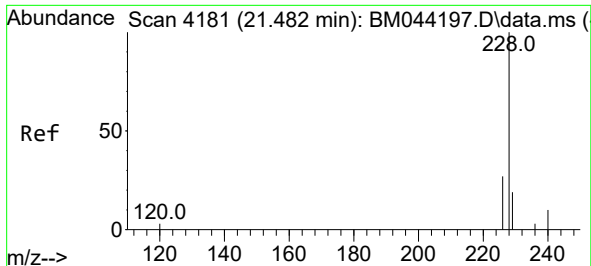
Tgt Ion:202 Resp: 19252
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.6
100 9.9 7.0 10.4



#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

Tgt Ion:202 Resp: 20319
Ion Ratio Lower Upper
202 100
101 14.9 11.2 16.8
100 11.9 8.6 13.0

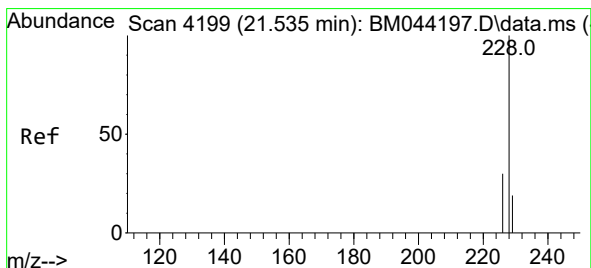
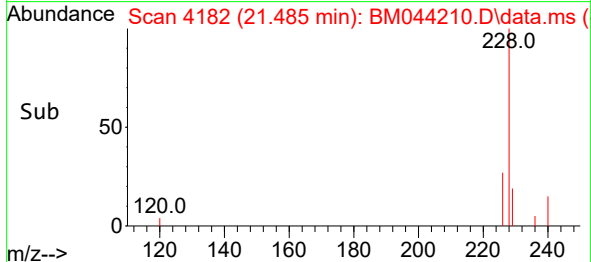
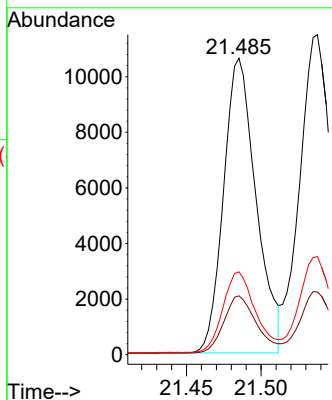
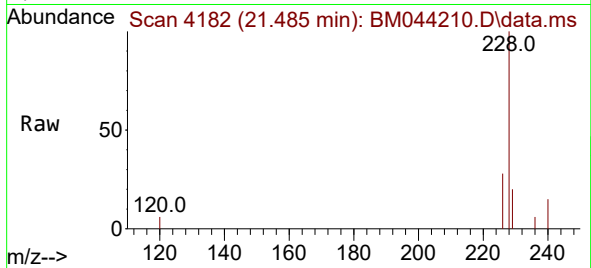




#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.485 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

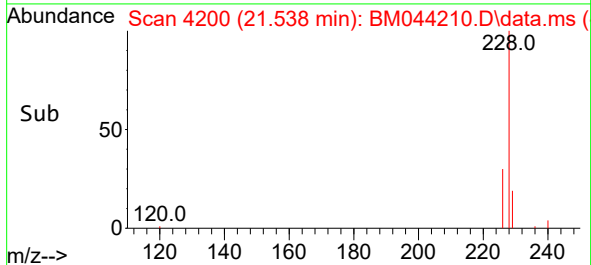
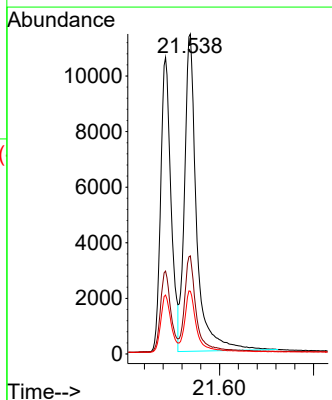
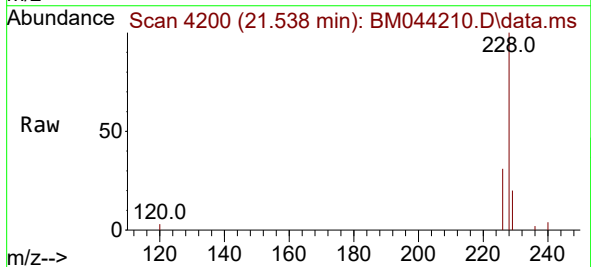
Instrument :
BNA_M
ClientSampleId :

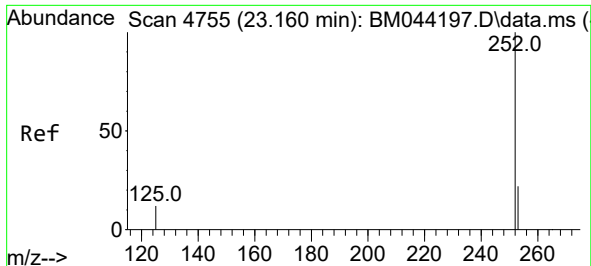
Tgt Ion:228 Resp: 16124
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.2
226 28.0 22.1 33.1



#22
Chrysene
Concen: 0.406 ng/ul
RT: 21.538 min Scan# 4200
Delta R.T. 0.000 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

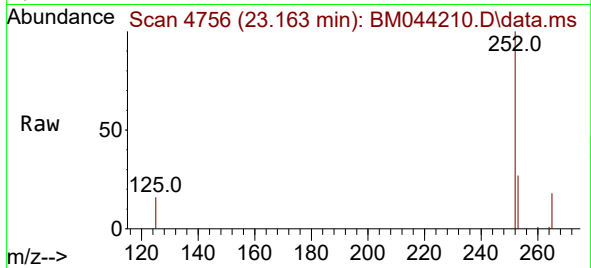
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Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 19.6 15.8 23.6



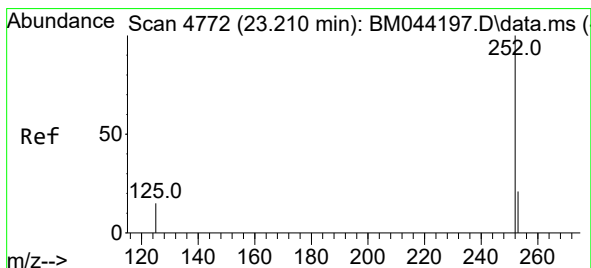
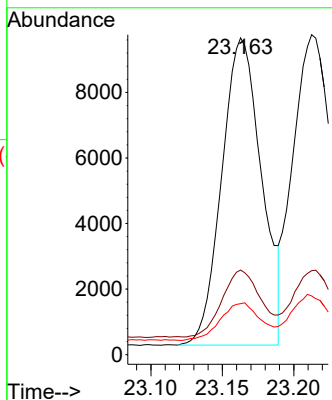


#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.163 min Scan# 4755
Delta R.T. 0.000 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

Instrument :
BNA_M
ClientSampleId :

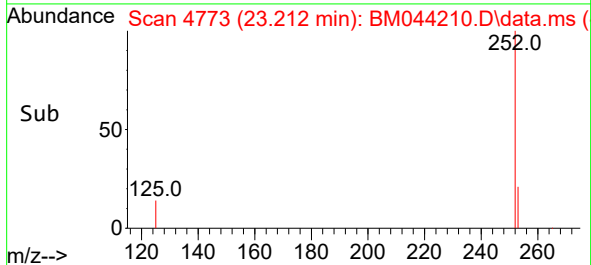
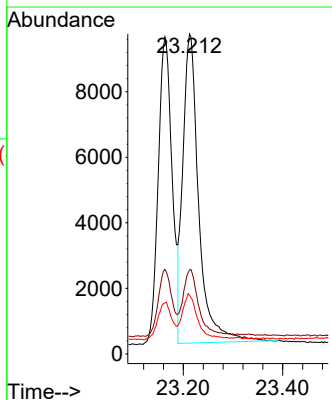
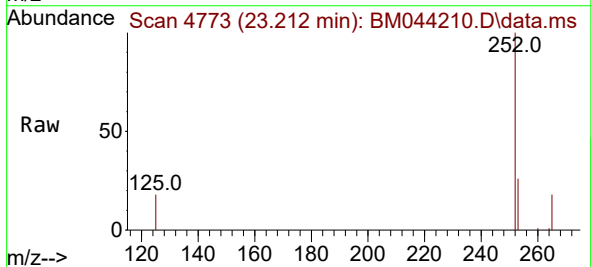


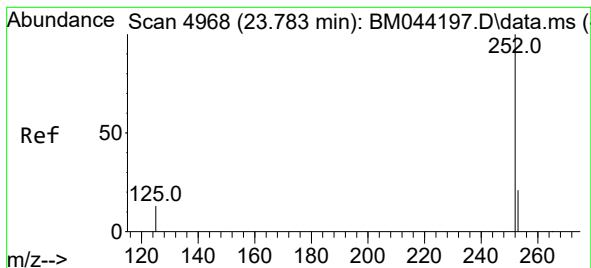
Tgt Ion:252 Resp: 18158
Ion Ratio Lower Upper
252 100
253 26.7 0.0 50.0
125 16.1 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.402 ng/ul
RT: 23.212 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

Tgt Ion:252 Resp: 20888
Ion Ratio Lower Upper
252 100
253 26.2 20.1 30.1
125 18.4 12.3 18.5





#26

Benzo(a)pyrene

Concen: 0.380 ng/ul

RT: 23.785 min Scan# 4968

Delta R.T. 0.000 min

Lab File: BM044210.D

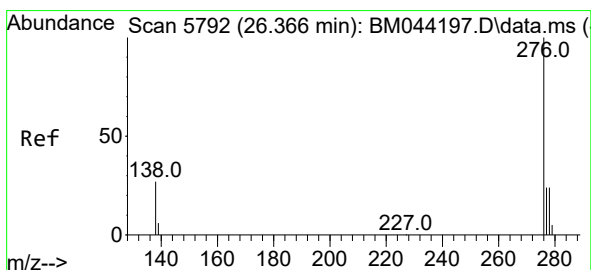
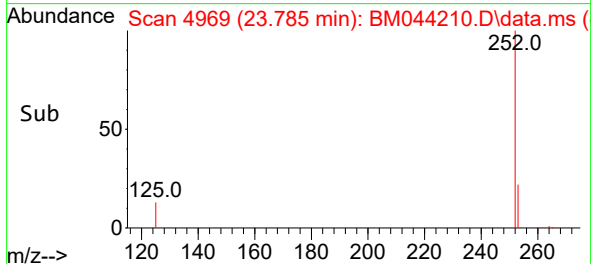
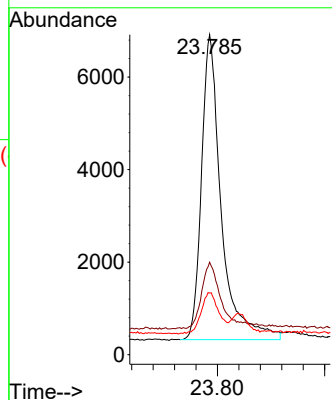
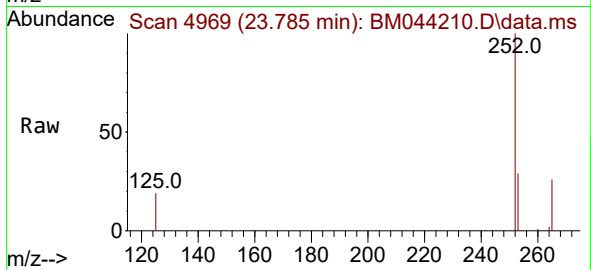
Acq: 20 Feb 2024 17:21

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	16878
Ion Ratio	Lower	Upper
252	100	
253	28.9	21.4 32.2
125	19.3	13.3 19.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.371 ng/ul

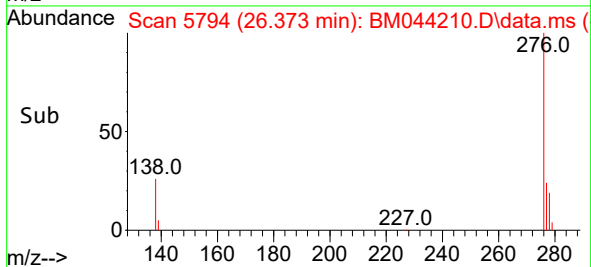
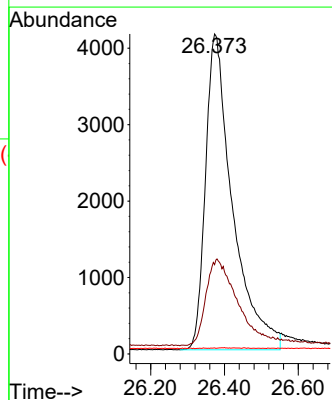
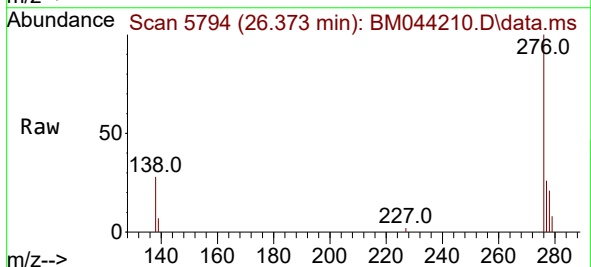
RT: 26.373 min Scan# 5794

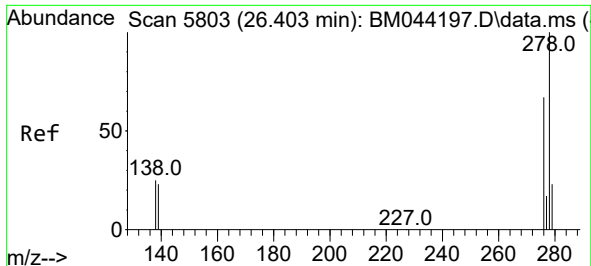
Delta R.T. 0.003 min

Lab File: BM044210.D

Acq: 20 Feb 2024 17:21

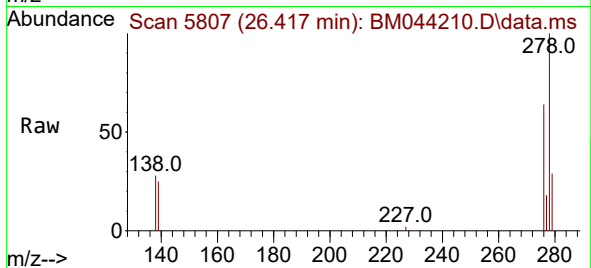
Tgt Ion:276	Resp:	21001
Ion Ratio	Lower	Upper
276	100	
138	32.1	25.2 37.8
227	0.0	0.1 0.1#



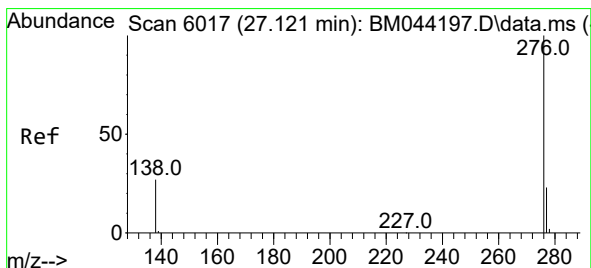
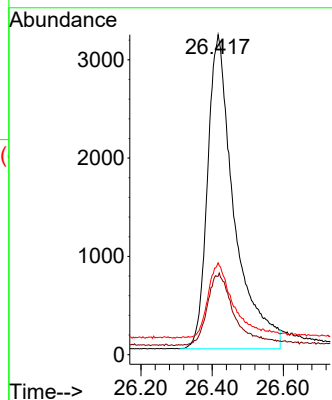


#28
Dibenzo(a,h)anthracene
Concen: 0.372 ng/ul
RT: 26.417 min Scan# 5807
Delta R.T. 0.007 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 16579
Ion Ratio Lower Upper
278 100
139 24.5 17.8 26.8
279 28.7 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. -0.003 min
Lab File: BM044210.D
Acq: 20 Feb 2024 17:21

Tgt Ion:276 Resp: 18751
Ion Ratio Lower Upper
276 100
138 29.7 22.7 34.1
277 24.1 19.0 28.6

