

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045917.D
 Acq On : 08 Jun 2024 15:40
 Operator : MA/JU
 Sample : M2640-17
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C41

Quant Time: Jun 10 01:28:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

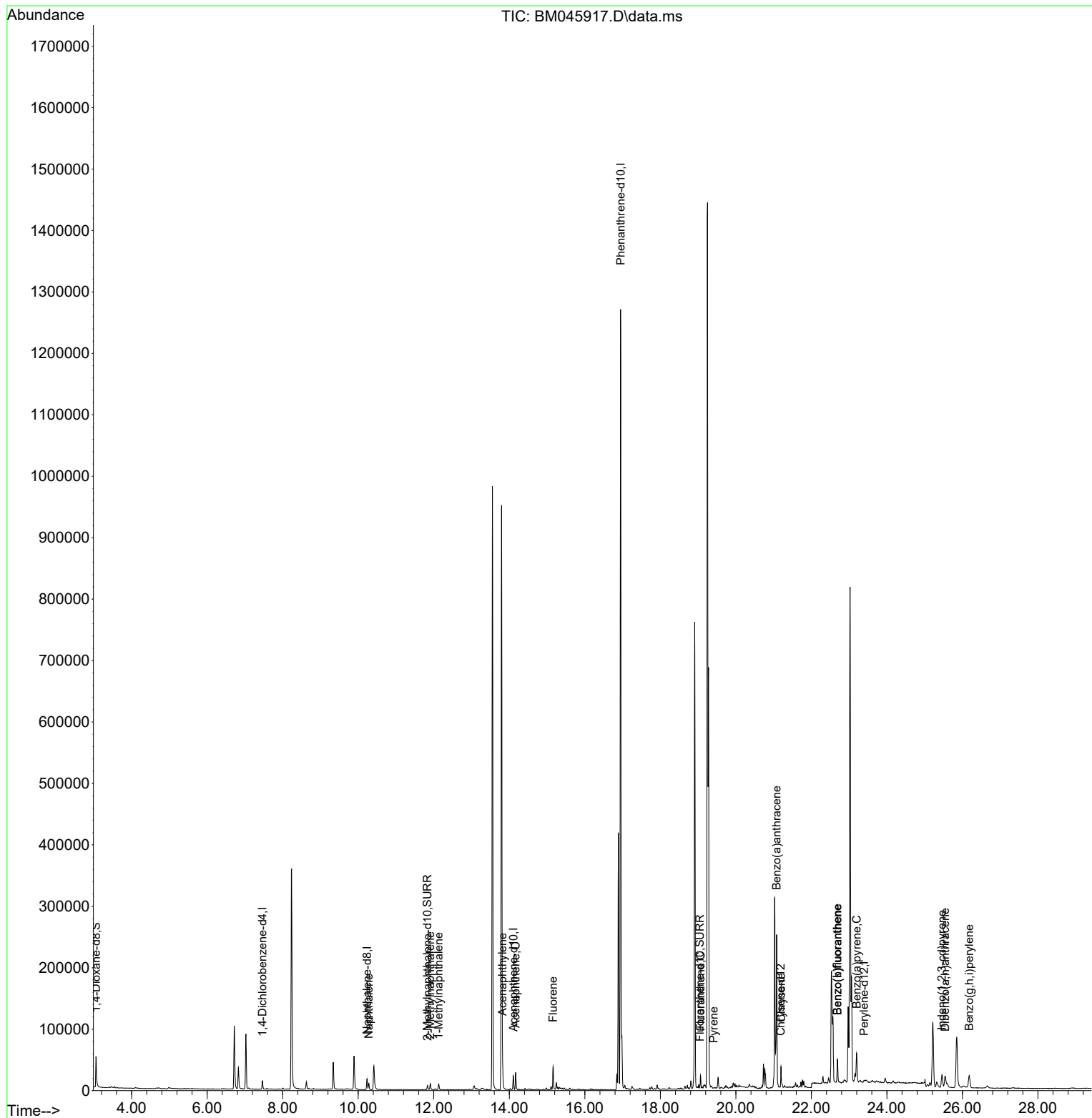
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	6502	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.233	136	22675	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	12449	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.947	188	1385963	0.400	ng/ul	0.08
17) Chrysene-d12	21.184	240	145	0.400	ng/ul	# 0.13
23) Perylene-d12	23.396	264	1279	0.400	ng/ul	# 0.23
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	30466	4.114	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.833	152	8823	0.271	ng/ul	-0.02
18) Fluoranthene-d10	19.049	212	64	0.147	ng/ul	0.15
Target Compounds						Qvalue
5) Naphthalene	10.277	128	14292	0.241	ng/ul	98
7) 2-Methylnaphthalene	11.910	142	7769	0.206	ng/ul	98
8) 1-Methylnaphthalene	12.130	142	6894	0.168	ng/ul	99
10) Acenaphthylene	13.822	152	30178	0.533	ng/ul	100
11) Acenaphthene	14.169	153	16239	0.390	ng/ul	98
12) Fluorene	15.159	166	23671	0.509	ng/ul	99
19) Fluoranthene	19.063	202	14747	25.505	ng/ul#	86
20) Pyrene	19.416	202	494	0.819	ng/ul#	31
21) Benzo(a)anthracene	21.082	228	161431	303.304	ng/ul	95
22) Chrysene	21.195	228	26345	45.466	ng/ul#	60
24) Benzo(b)fluoranthene	22.689	252	46047	10.855	ng/ul	97
25) Benzo(k)fluoranthene	22.689	252	45811	9.827	ng/ul	97
26) Benzo(a)pyrene	23.197	252	55205	13.086	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.457	276	7047	1.292	ng/ul#	48
28) Dibenzo(a,h)anthracene	25.541	278	32655	7.488	ng/ul	94
29) Benzo(g,h,i)perylene	26.178	276	37168	7.900	ng/ul#	89

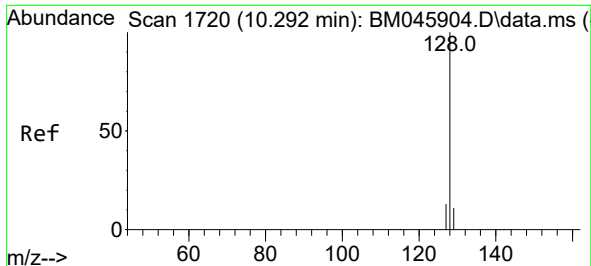
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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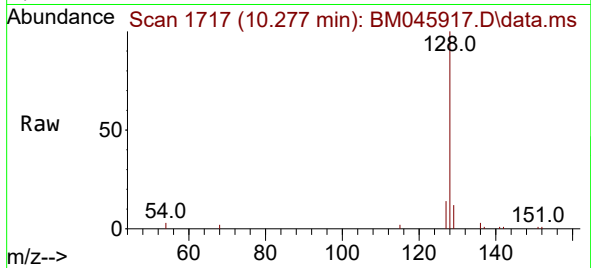
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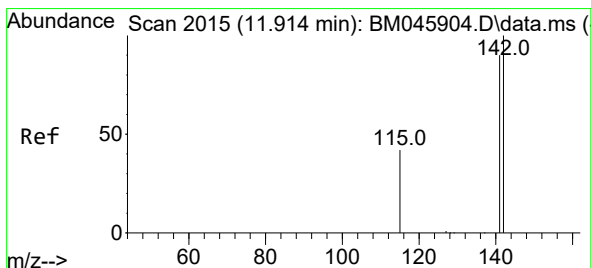
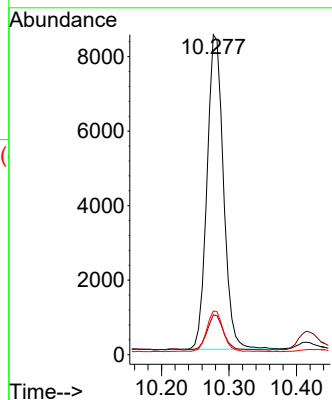
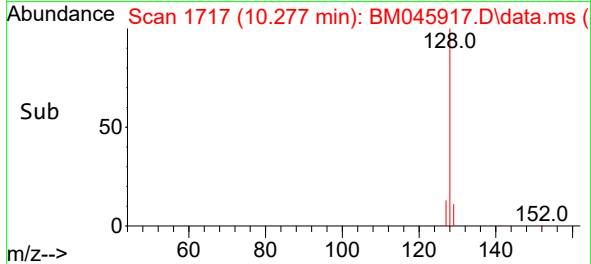


#5
Naphthalene
Concen: 0.241 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. -0.026 min
Lab File: BM045917.D
Acq: 08 Jun 2024 15:40

Instrument :
BNA_M
ClientSampleId :
A4C41

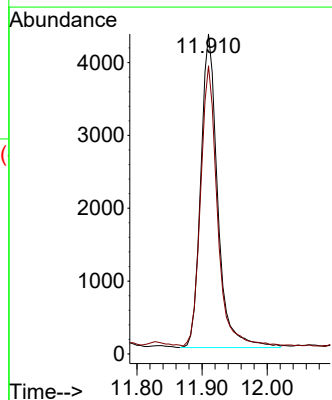
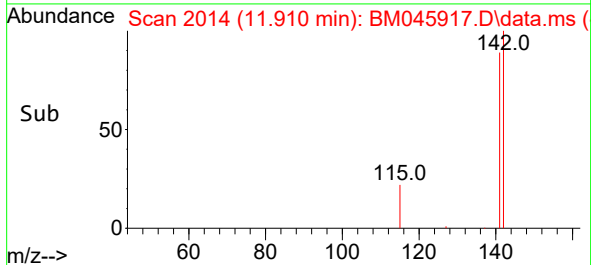
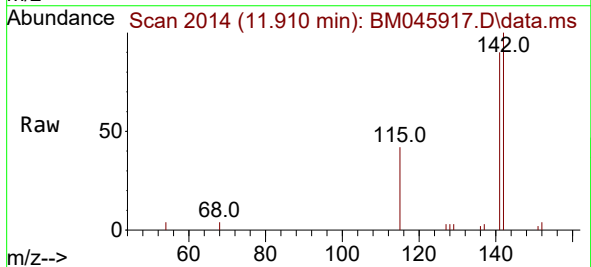


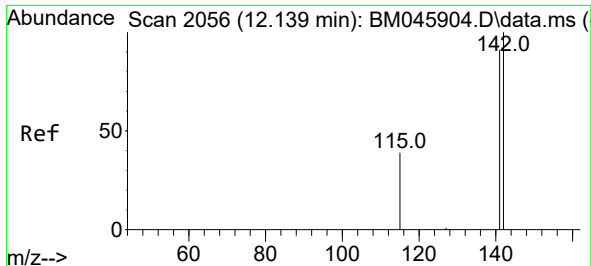
Tgt Ion:128 Resp: 14292
Ion Ratio Lower Upper
128 100
129 12.4 9.4 14.0
127 13.7 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.010 min
Lab File: BM045917.D
Acq: 08 Jun 2024 15:40

Tgt Ion:142 Resp: 7769
Ion Ratio Lower Upper
142 100
141 88.3 72.2 108.4

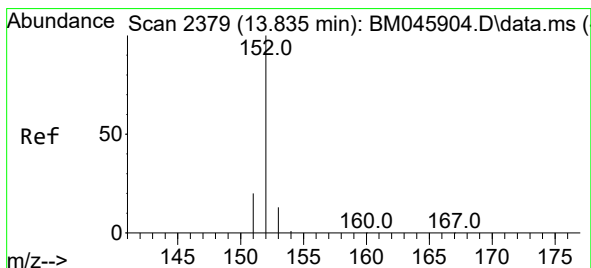
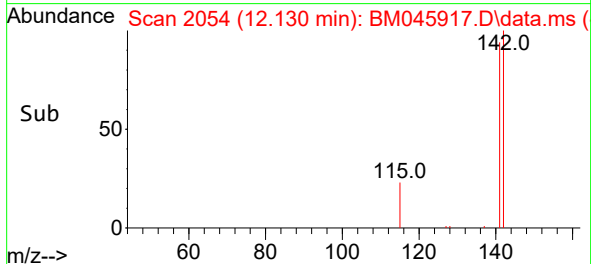
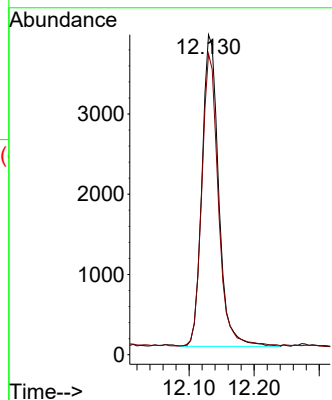
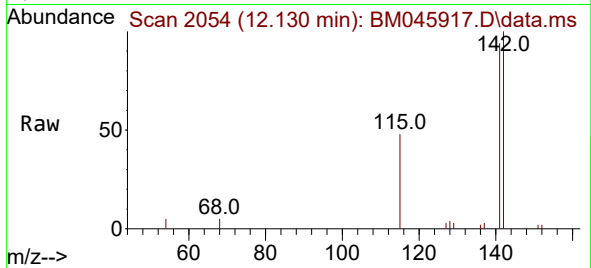




#8
1-Methylnaphthalene
Concen: 0.168 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.015 min
Lab File: BM045917.D
Acq: 08 Jun 2024 15:40

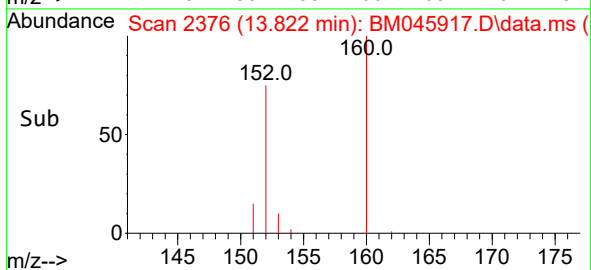
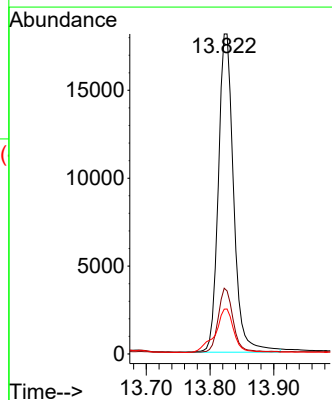
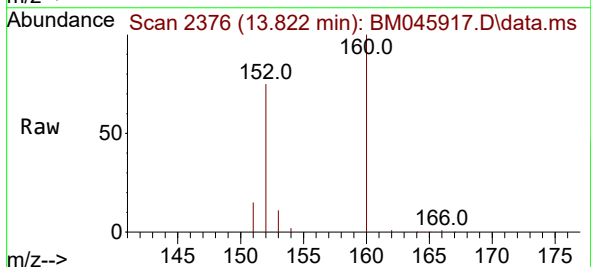
Instrument :
BNA_M
ClientSampleId :
A4C41

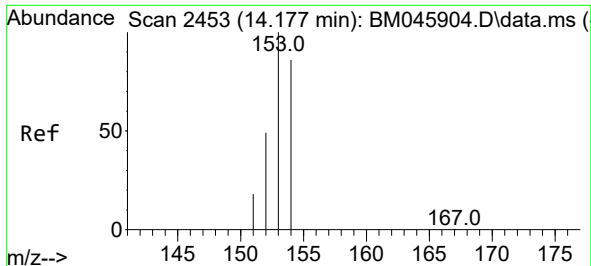
Tgt Ion:142 Resp: 6894
Ion Ratio Lower Upper
142 100
141 93.0 73.5 110.3



#10
Acenaphthylene
Concen: 0.533 ng/ul
RT: 13.822 min Scan# 2376
Delta R.T. -0.017 min
Lab File: BM045917.D
Acq: 08 Jun 2024 15:40

Tgt Ion:152 Resp: 30178
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 14.0 11.1 16.7

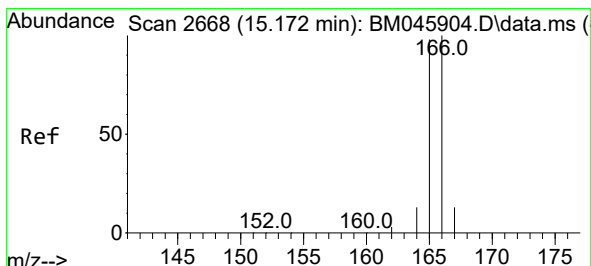
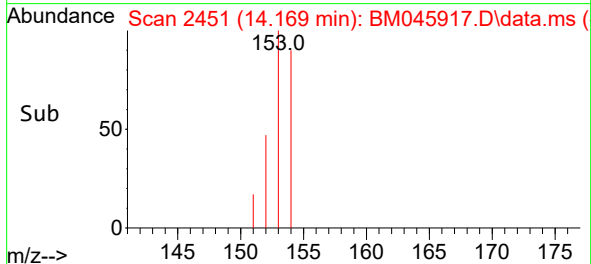
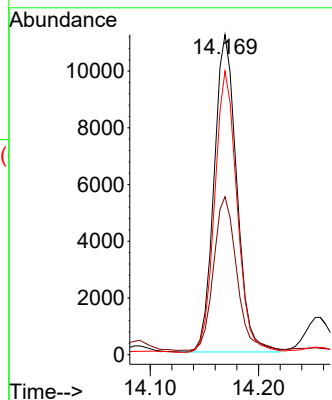
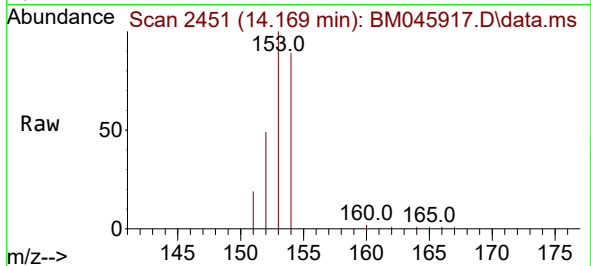




#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.013 min
Lab File: BM045917.D
Acq: 08 Jun 2024 15:40

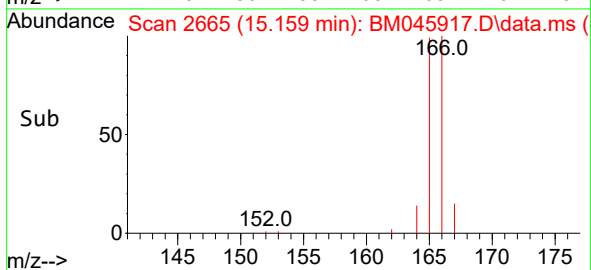
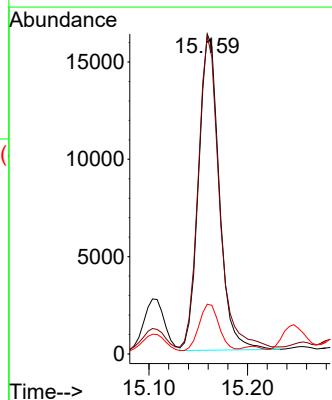
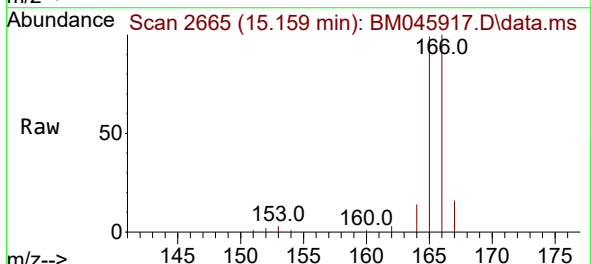
Instrument :
BNA_M
ClientSampleId :
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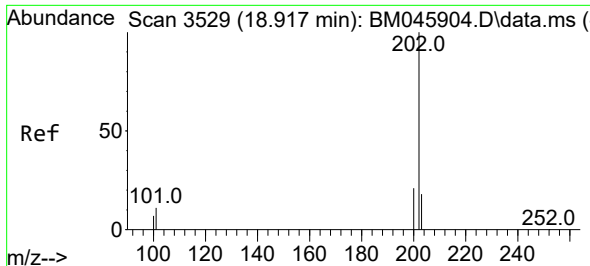
Tgt Ion:153 Resp: 16239
Ion Ratio Lower Upper
153 100
152 49.3 39.0 58.4
154 88.6 69.4 104.2



#12
Fluorene
Concen: 0.509 ng/ul
RT: 15.159 min Scan# 2665
Delta R.T. -0.017 min
Lab File: BM045917.D
Acq: 08 Jun 2024 15:40

Tgt Ion:166 Resp: 23671
Ion Ratio Lower Upper
166 100
165 99.4 79.7 119.5
167 15.5 11.3 16.9

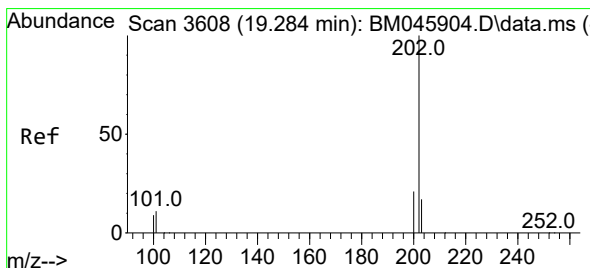
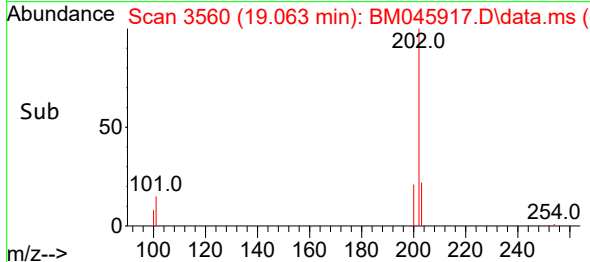
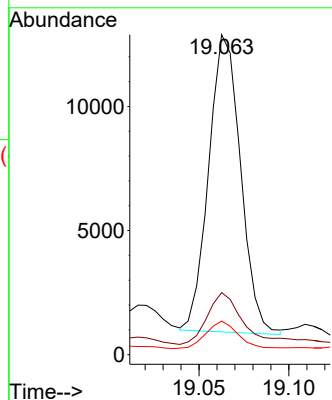
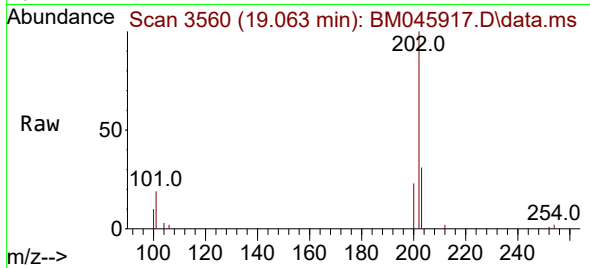




#19
Fluoranthene
Concen: 25.505 ng/ul
RT: 19.063 min Scan# 31
Delta R.T. 0.141 min
Lab File: BM045917.D
Acq: 08 Jun 2024 15:40

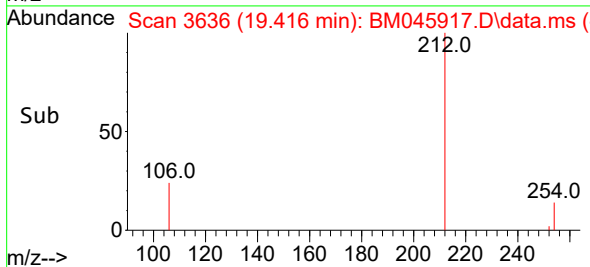
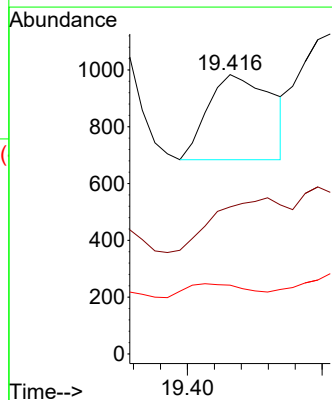
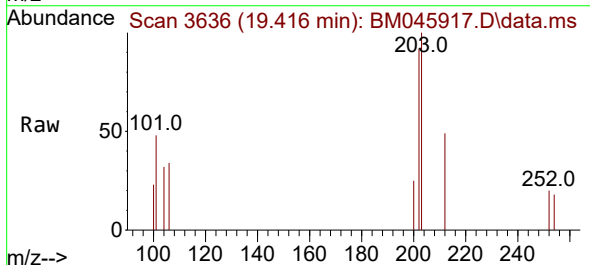
Instrument :
BNA_M
ClientSampleId :
A4C41

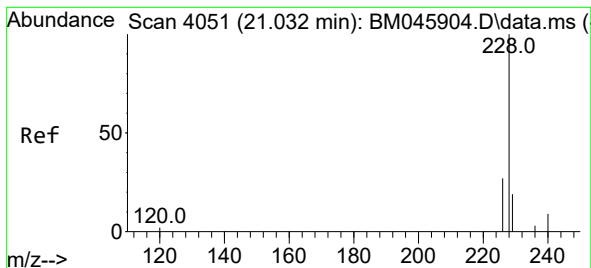
Tgt Ion:202 Resp: 14747
Ion Ratio Lower Upper
202 100
101 19.4 9.0 13.6#
100 10.5 7.0 10.6



#20
Pyrene
Concen: 0.819 ng/ul
RT: 19.416 min Scan# 3636
Delta R.T. 0.132 min
Lab File: BM045917.D
Acq: 08 Jun 2024 15:40

Tgt Ion:202 Resp: 494
Ion Ratio Lower Upper
202 100
101 52.6 10.6 16.0#
100 24.6 9.1 13.7#





#21

Benzo(a)anthracene

Concen: 303.304 ng/ul

RT: 21.082 min Scan# 4107

Delta R.T. 0.046 min

Lab File: BM045917.D

Acq: 08 Jun 2024 15:40

Instrument :

BNA_M

ClientSampleId :

A4C41

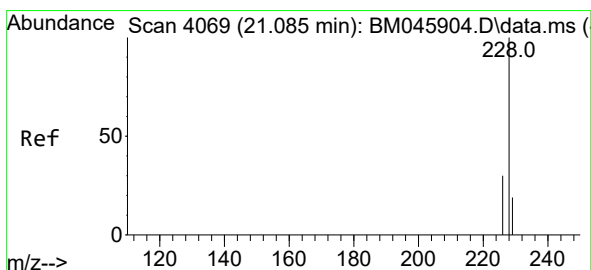
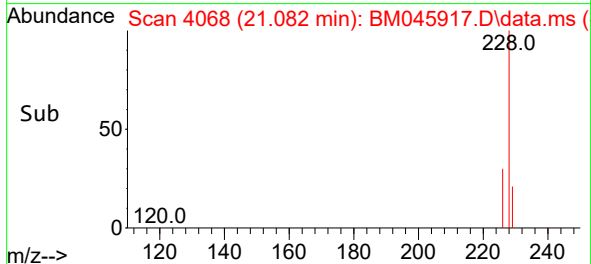
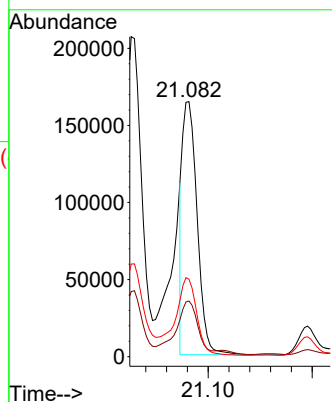
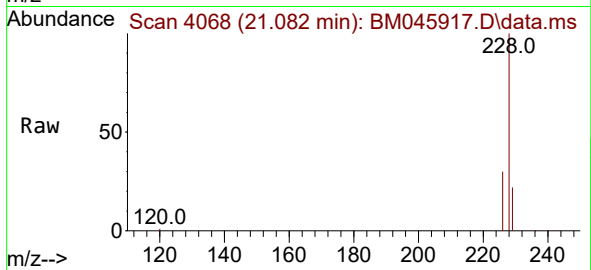
Tgt Ion:228 Resp: 161431

Ion Ratio Lower Upper

228 100

229 21.8 15.7 23.5

226 30.4 22.0 33.0



#22

Chrysene

Concen: 45.466 ng/ul

RT: 21.195 min Scan# 4107

Delta R.T. 0.108 min

Lab File: BM045917.D

Acq: 08 Jun 2024 15:40

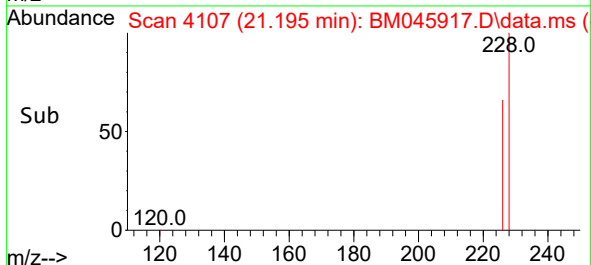
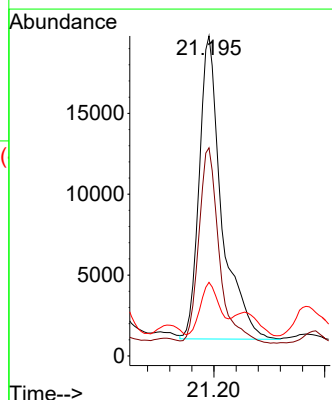
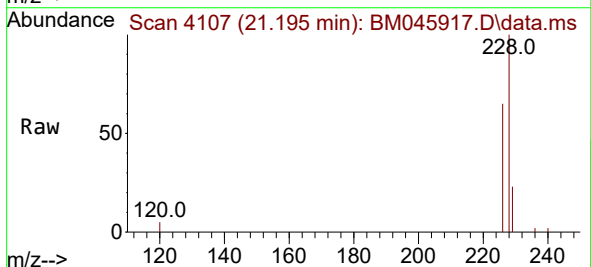
Tgt Ion:228 Resp: 26345

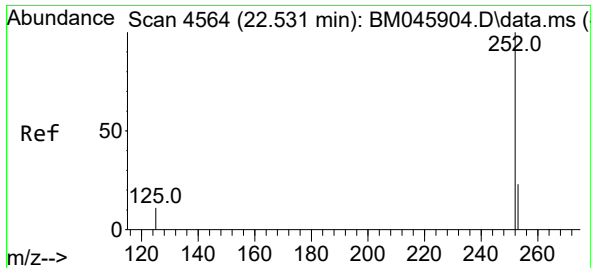
Ion Ratio Lower Upper

228 100

226 65.1 24.5 36.7#

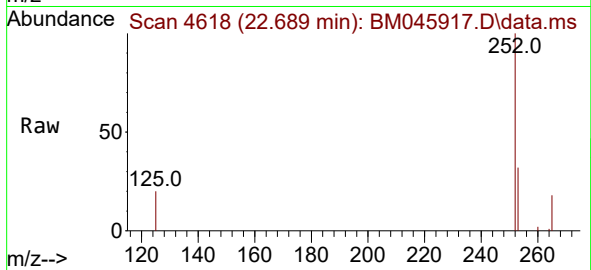
229 23.0 16.2 24.2



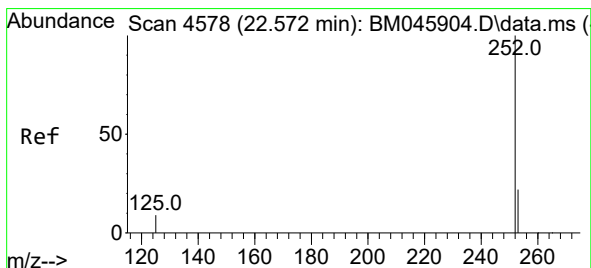
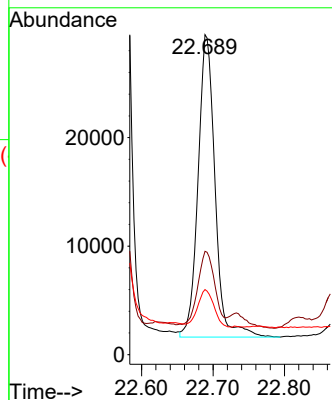


#24
Benzo(b)fluoranthene
Concen: 10.855 ng/ul
RT: 22.689 min Scan# 4618
Delta R.T. 0.152 min
Lab File: BM045917.D
Acq: 08 Jun 2024 15:40

Instrument :
BNA_M
ClientSampleId :
A4C41

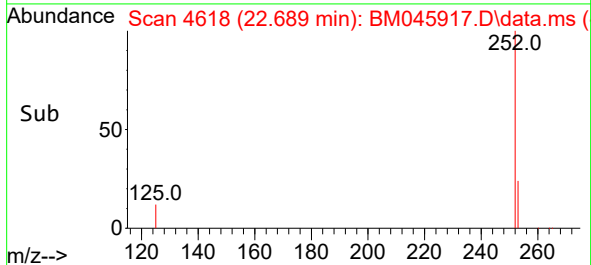
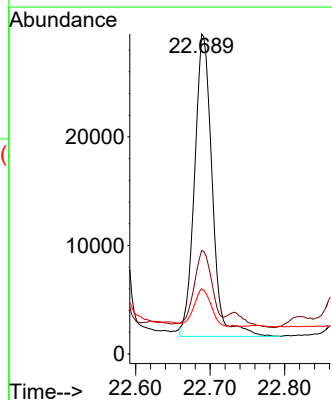
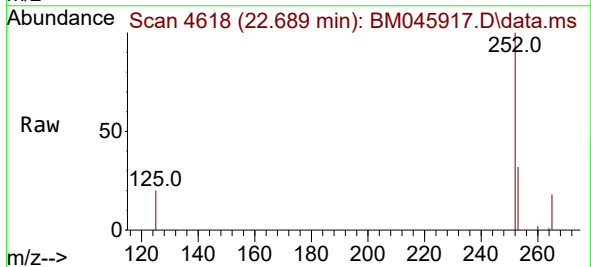


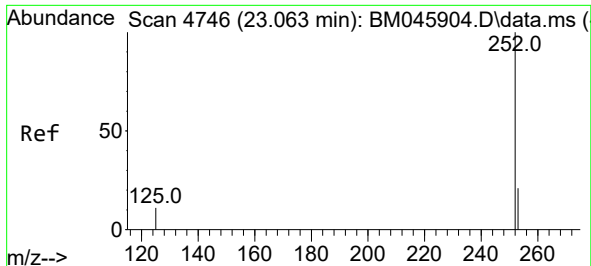
Tgt Ion:252 Resp: 46047
Ion Ratio Lower Upper
252 100
253 32.3 0.0 63.6
125 20.3 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 9.827 ng/ul
RT: 22.689 min Scan# 4618
Delta R.T. 0.108 min
Lab File: BM045917.D
Acq: 08 Jun 2024 15:40

Tgt Ion:252 Resp: 45811
Ion Ratio Lower Upper
252 100
253 32.3 25.0 37.6
125 20.3 14.2 21.2

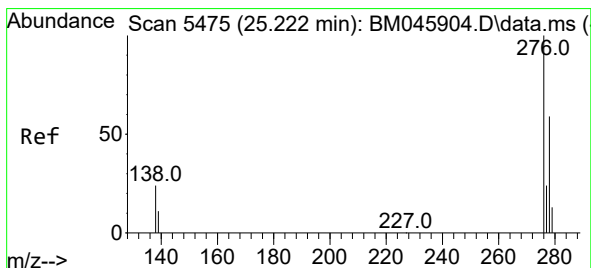
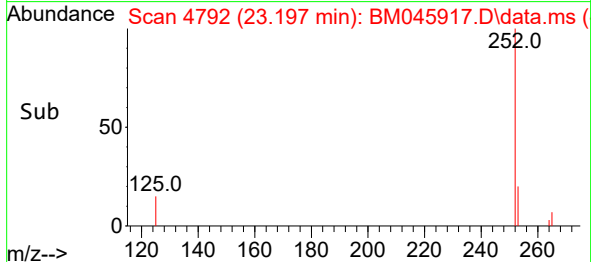
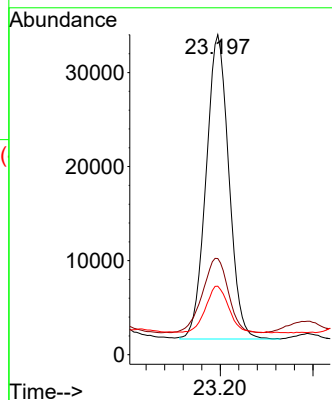
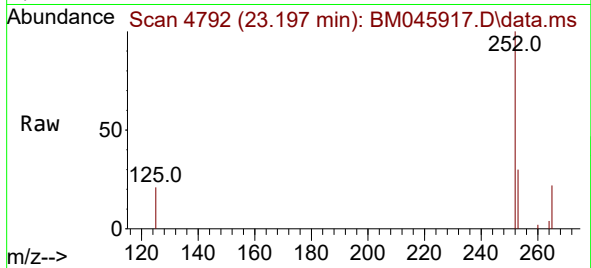




#26
Benzo(a)pyrene
Concen: 13.086 ng/ul
RT: 23.197 min Scan# 41
Delta R.T. 0.125 min
Lab File: BM045917.D
Acq: 08 Jun 2024 15:40

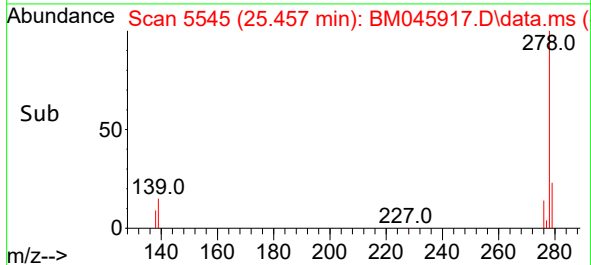
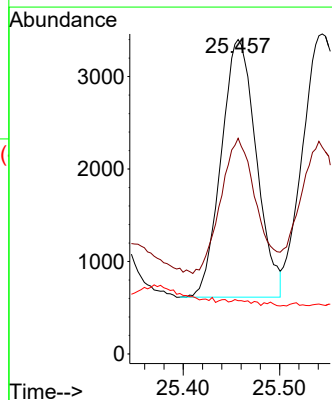
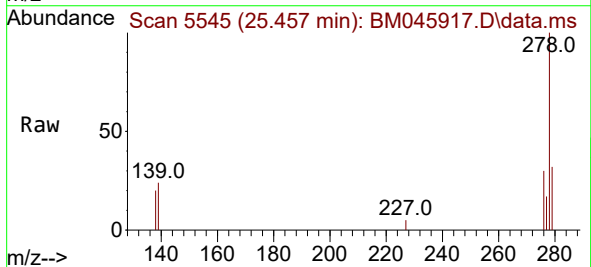
Instrument :
BNA_M
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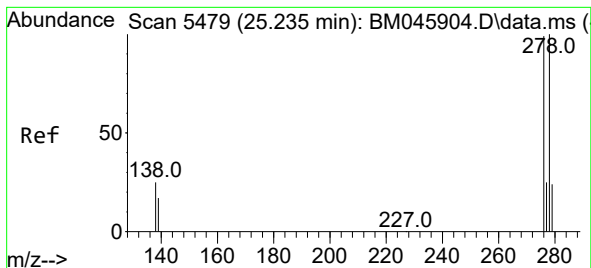
Tgt Ion:252 Resp: 55205
Ion Ratio Lower Upper
252 100
253 30.1 28.8 43.2
125 21.4 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.292 ng/ul
RT: 25.457 min Scan# 5545
Delta R.T. 0.225 min
Lab File: BM045917.D
Acq: 08 Jun 2024 15:40

Tgt Ion:276 Resp: 7047
Ion Ratio Lower Upper
276 100
138 52.8 20.7 31.1#
227 1.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 7.488 ng/ul

RT: 25.541 min Scan# 51

Delta R.T. 0.292 min

Lab File: BM045917.D

Acq: 08 Jun 2024 15:40

Instrument :

BNA_M

ClientSampleId :

A4C41

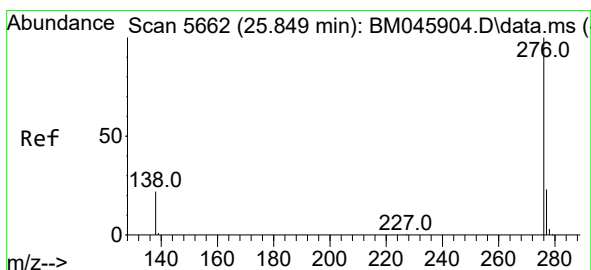
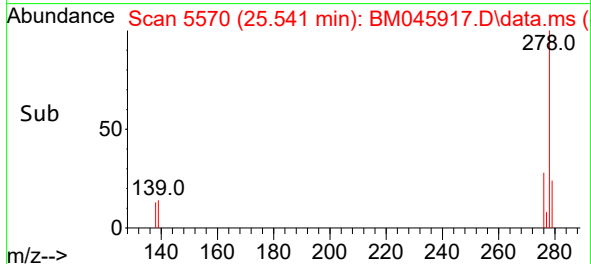
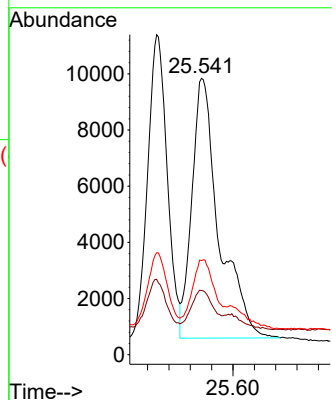
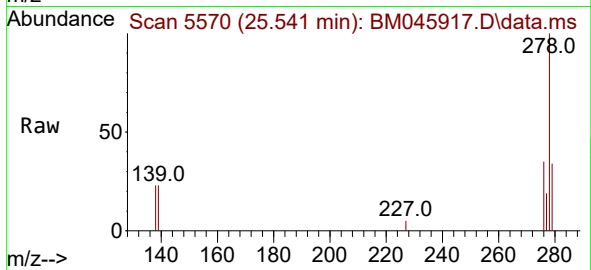
Tgt Ion:278 Resp: 32655

Ion Ratio Lower Upper

278 100

139 23.2 16.6 25.0

279 34.0 24.6 37.0



#29

Benzo(g,h,i)perylene

Concen: 7.900 ng/ul

RT: 26.178 min Scan# 5760

Delta R.T. 0.315 min

Lab File: BM045917.D

Acq: 08 Jun 2024 15:40

Tgt Ion:276 Resp: 37168

Ion Ratio Lower Upper

276 100

138 28.5 21.0 31.4

277 34.1 20.5 30.7#

