

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040629.D
 Acq On : 05 Jul 2023 01:50
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 02:43:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

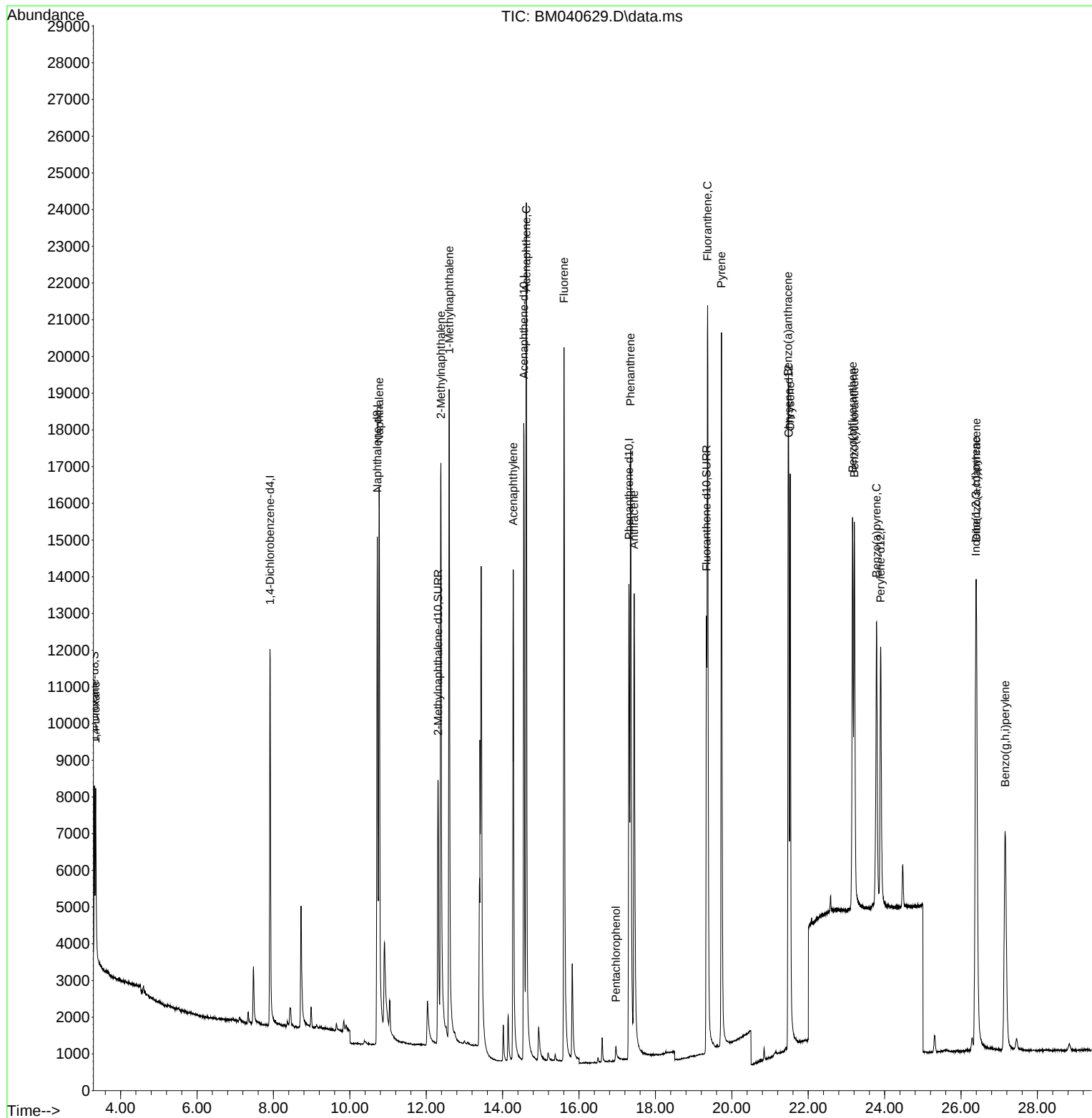
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	6050	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.718	136	23298	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.554	164	11247	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.307	188	20308	0.400	ng/ul	-0.01
17) Chrysene-d12	21.491	240	11767	0.400	ng/ul	-0.01
23) Perylene-d12	23.894	264	11707	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	2796	0.294	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.307	152	13051	0.400	ng/ul	-0.02
18) Fluoranthene-d10	19.338	212	16939	0.449	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	2944	0.304	ng/ul#	81
5) Naphthalene	10.767	128	24760	0.385	ng/ul	99
7) 2-Methylnaphthalene	12.384	142	14793	0.392	ng/ul	98
8) 1-Methylnaphthalene	12.604	142	14419	0.382	ng/ul	98
10) Acenaphthylene	14.276	152	20084	0.400	ng/ul	99
11) Acenaphthene	14.619	153	15834	0.373	ng/ul	98
12) Fluorene	15.609	166	16794	0.371	ng/ul	100
14) Pentachlorophenol	16.965	266	577	0.148	ng/ul	93
15) Phenanthrene	17.349	178	22970	0.364	ng/ul	99
16) Anthracene	17.442	178	20283	0.383	ng/ul	99
19) Fluoranthene	19.366	202	21596	0.432	ng/ul	98
20) Pyrene	19.728	202	22088	0.412	ng/ul	99
21) Benzo(a)anthracene	21.474	228	16107	0.405	ng/ul	99
22) Chrysene	21.529	228	16528	0.364	ng/ul	99
24) Benzo(b)fluoranthene	23.160	252	16221	0.358	ng/ul	97
25) Benzo(k)fluoranthene	23.207	252	15981	0.358	ng/ul	97
26) Benzo(a)pyrene	23.789	252	14415	0.353	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.387	276	19661	0.346	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.400	278	15557	0.350	ng/ul	98
29) Benzo(g,h,i)perylene	27.155	276	16628	0.334	ng/ul	98

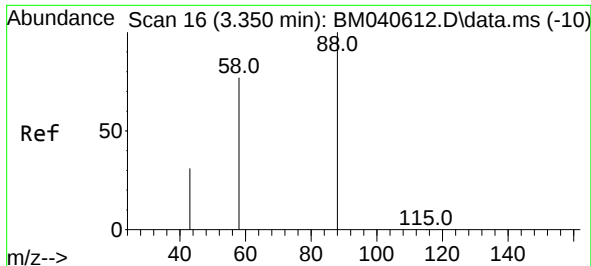
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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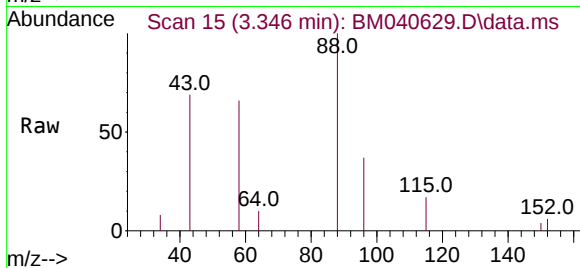
Quant Time: Jul 05 02:43:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
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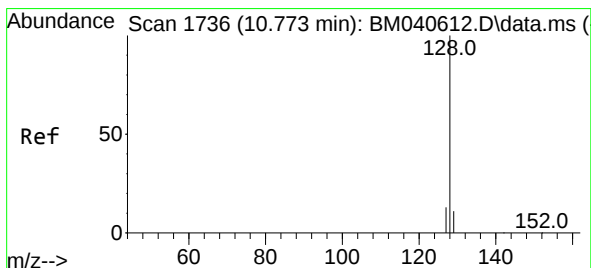
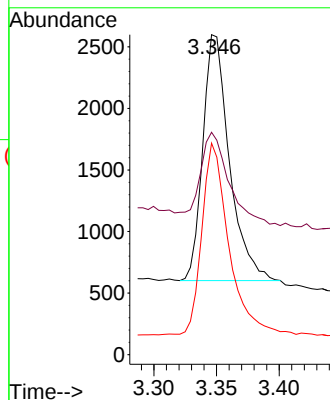
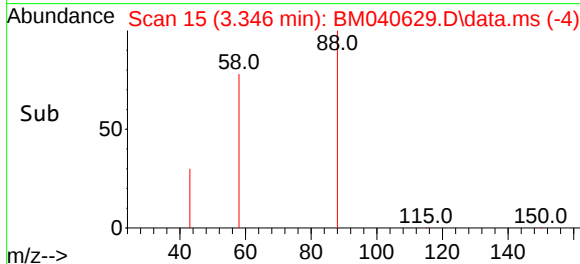


#2
1,4-Dioxane
Concen: 0.304 ng/ul
RT: 3.346 min Scan# 11
Delta R.T. -0.013 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

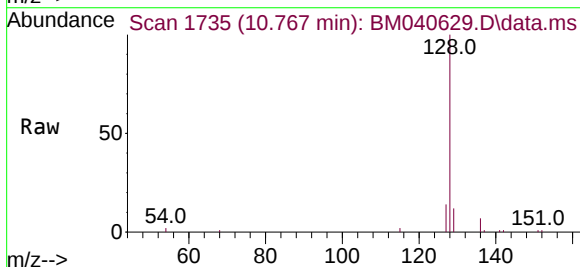
Instrument :
BNA_M
ClientSampleId :



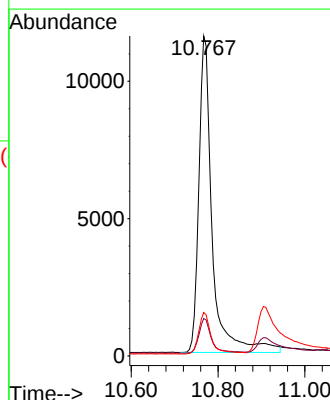
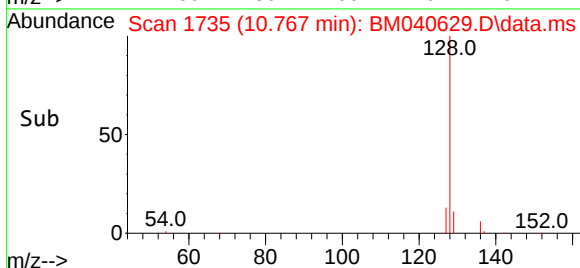
Tgt Ion: 88 Resp: 2944
Ion Ratio Lower Upper
88 100
43 69.5 36.1 54.1#
58 66.1 49.8 74.8

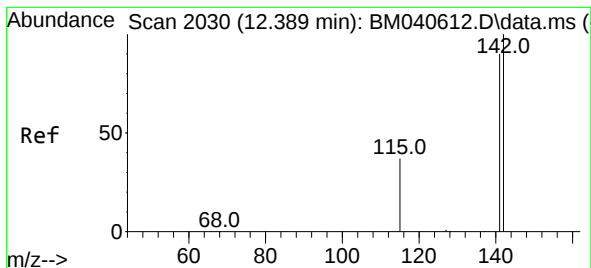


#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.767 min Scan# 1735
Delta R.T. -0.016 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50



Tgt Ion: 128 Resp: 24760
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.6 10.6 15.8

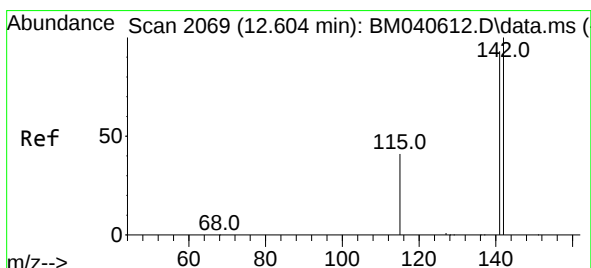
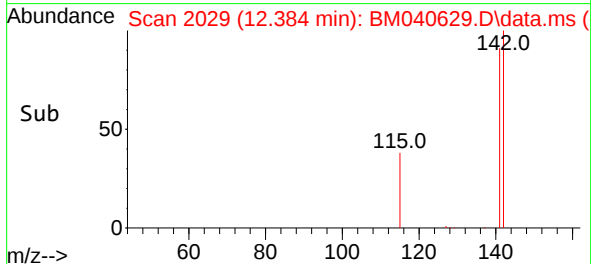
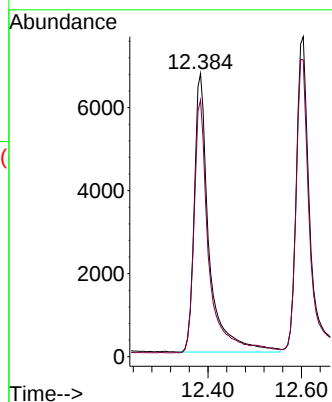
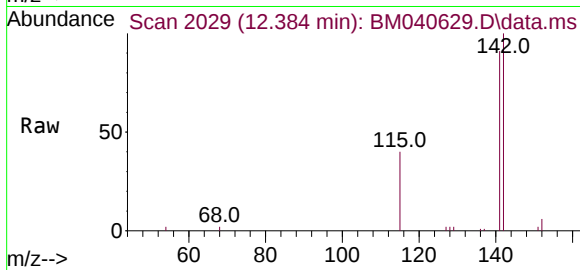




#7
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.384 min Scan# 2030
Delta R.T. -0.011 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

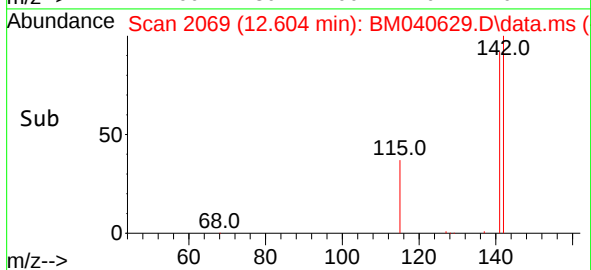
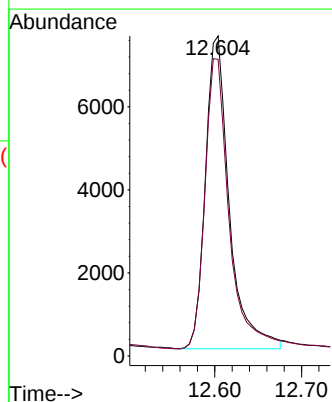
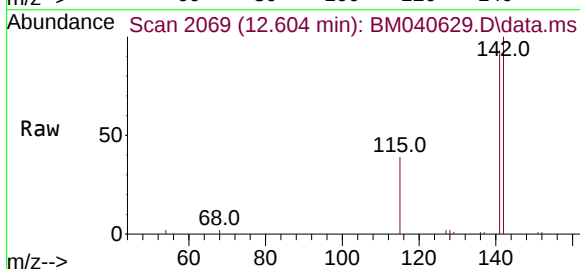
Instrument :
BNA_M
ClientSampleId :

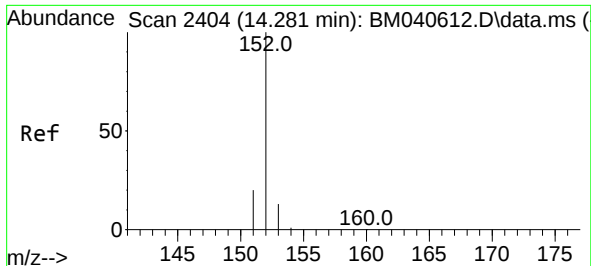
Tgt Ion:142 Resp: 14793
Ion Ratio Lower Upper
142 100
141 91.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.604 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

Tgt Ion:142 Resp: 14419
Ion Ratio Lower Upper
142 100
141 93.7 73.7 110.5

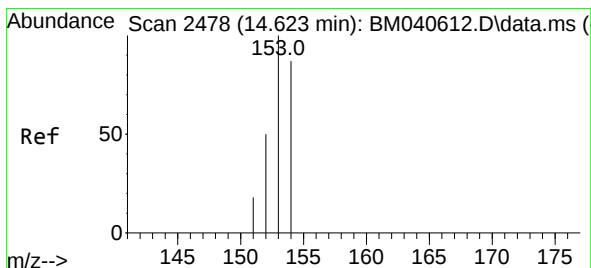
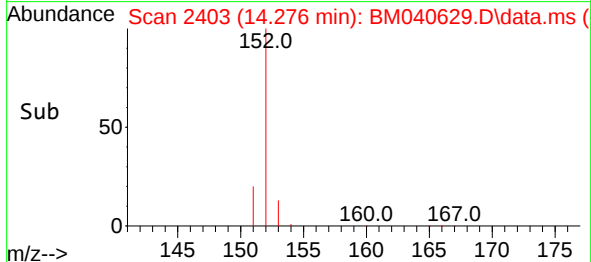
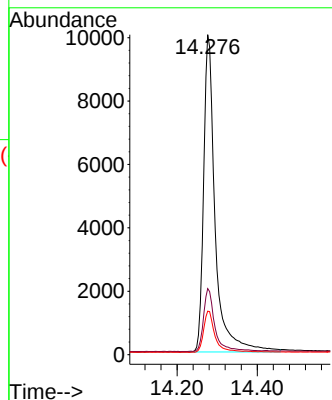
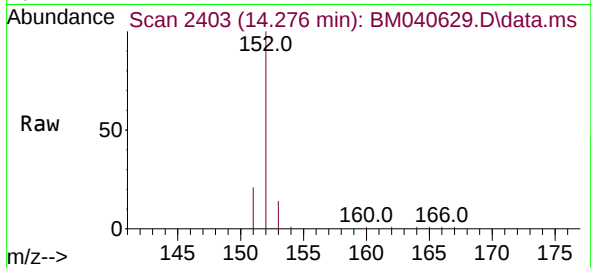




#10
Acenaphthylene
Concen: 0.400 ng/ul
RT: 14.276 min Scan# 2404
Delta R.T. -0.014 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

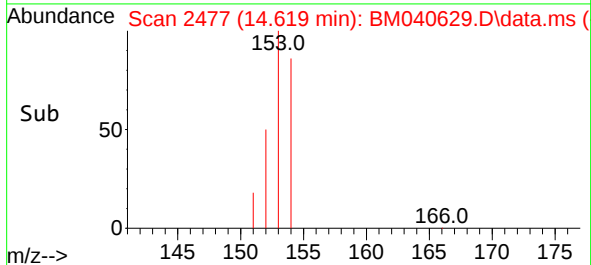
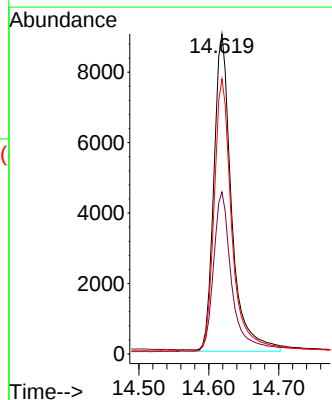
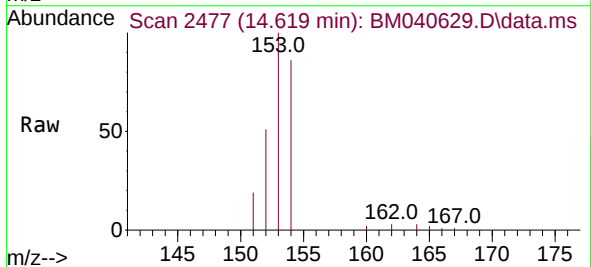
Instrument :
BNA_M
ClientSampleId :

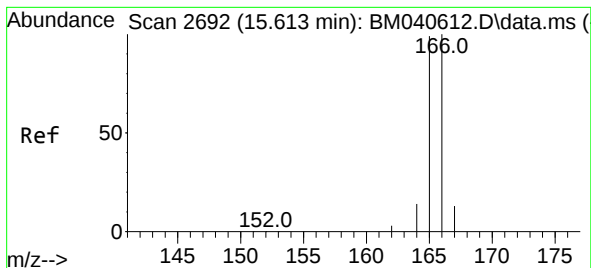
Tgt Ion:152 Resp: 20084
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.619 min Scan# 2477
Delta R.T. -0.014 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

Tgt Ion:153 Resp: 15834
Ion Ratio Lower Upper
153 100
152 50.6 41.0 61.4
154 86.0 70.8 106.2





#12

Fluorene

Concen: 0.371 ng/ul

RT: 15.609 min Scan# 2

Delta R.T. -0.009 min

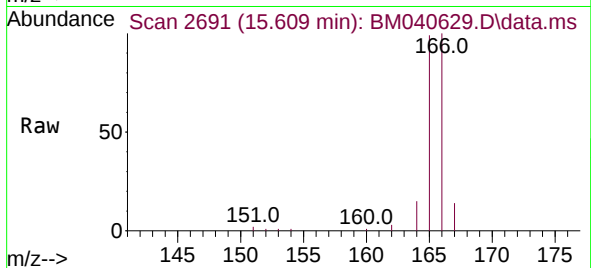
Lab File: BM040629.D

Acq: 05 Jul 2023 01:50

Instrument :

BNA_M

ClientSampleId :



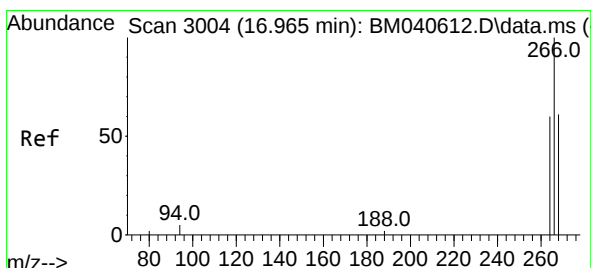
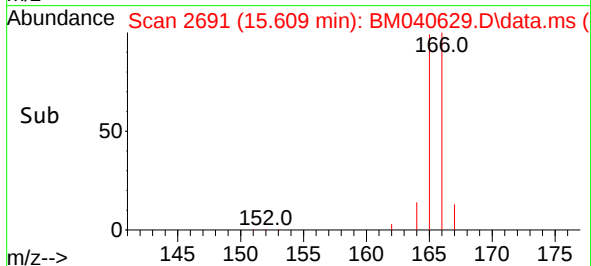
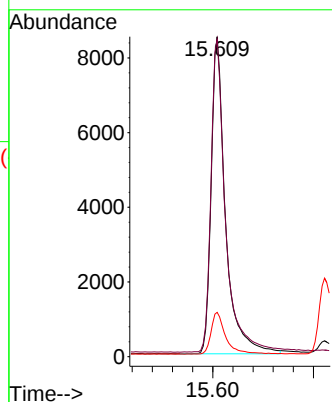
Tgt Ion:166 Resp: 16794

Ion Ratio Lower Upper

166 100

165 99.2 79.6 119.4

167 13.9 11.4 17.0



#14

Pentachlorophenol

Concen: 0.148 ng/ul

RT: 16.965 min Scan# 3004

Delta R.T. -0.013 min

Lab File: BM040629.D

Acq: 05 Jul 2023 01:50

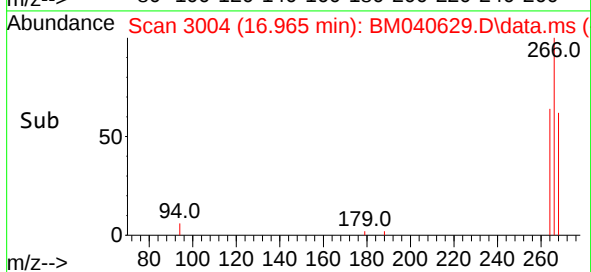
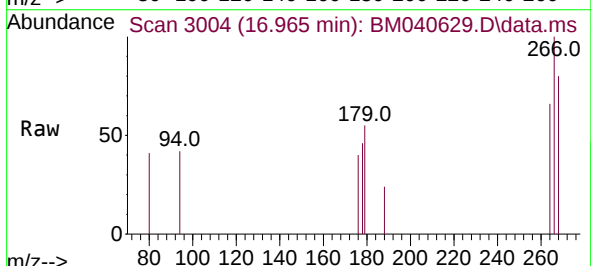
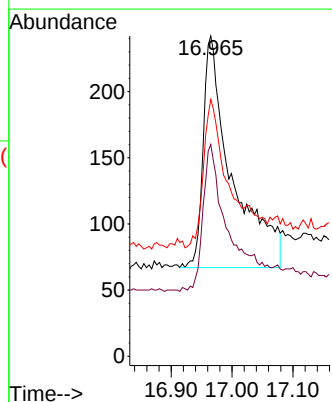
Tgt Ion:266 Resp: 577

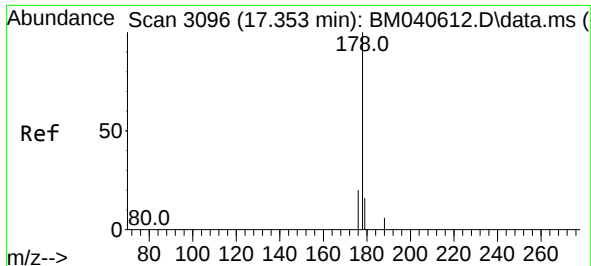
Ion Ratio Lower Upper

266 100

264 62.0 45.4 68.0

268 64.5 47.2 70.8

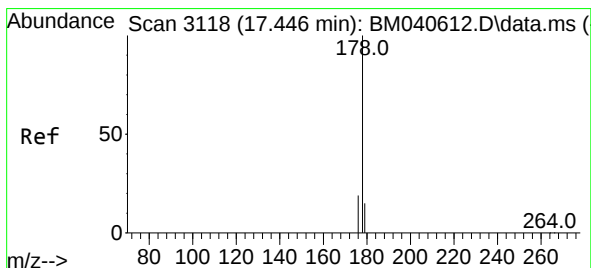
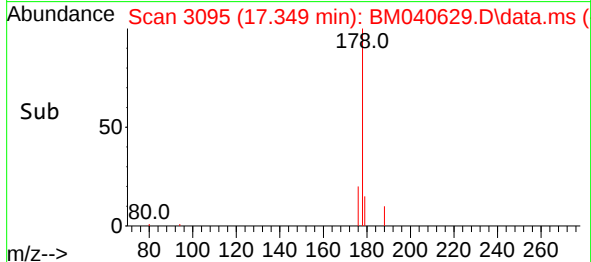
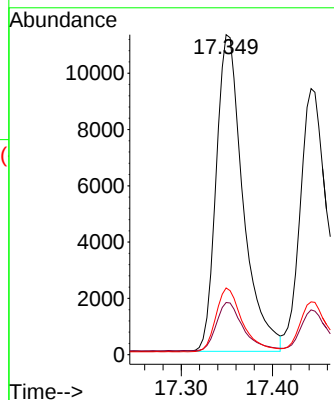
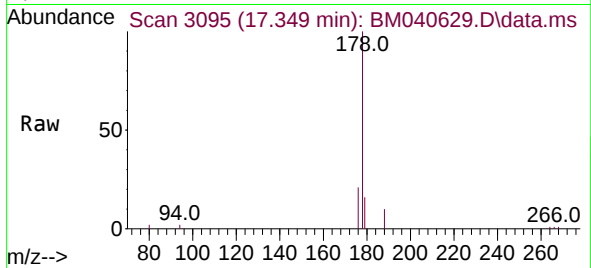




#15
Phenanthrene
Concen: 0.364 ng/u1
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

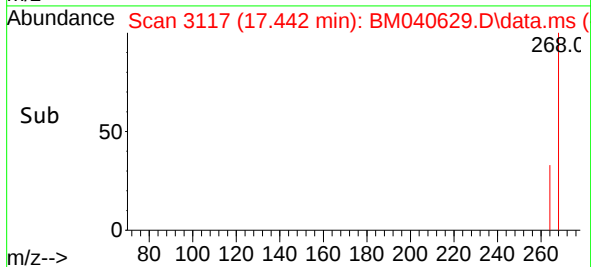
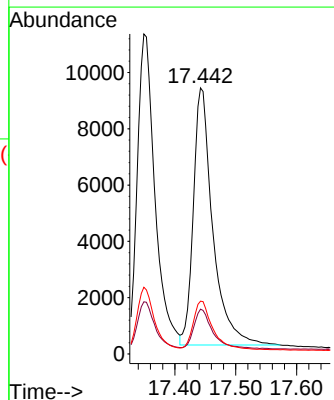
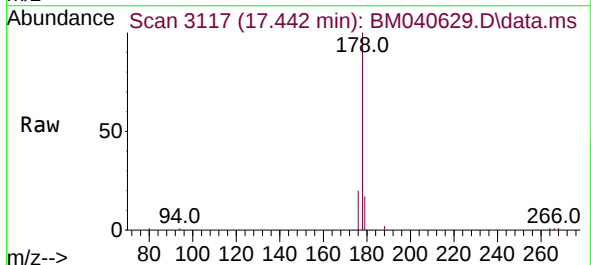
Instrument :
BNA_M
ClientSampleId :

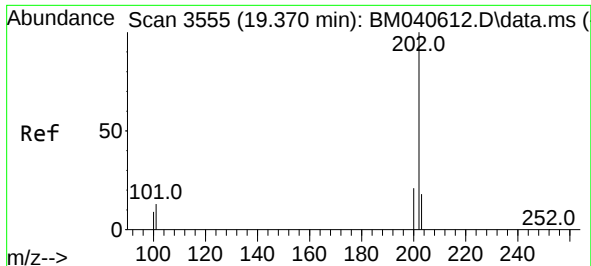
Tgt Ion:178 Resp: 22970
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 20.8 16.4 24.6



#16
Anthracene
Concen: 0.383 ng/u1
RT: 17.442 min Scan# 3117
Delta R.T. -0.013 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

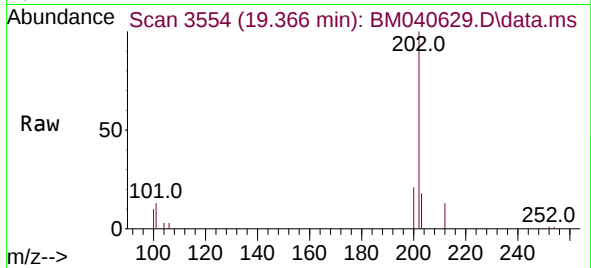
Tgt Ion:178 Resp: 20283
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 19.9 15.8 23.6



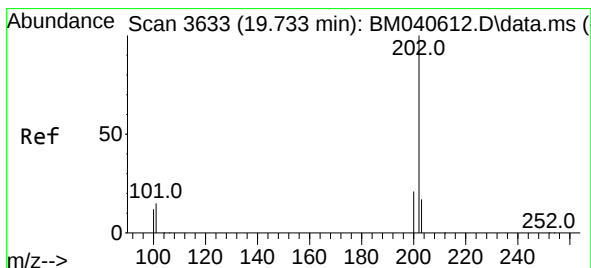
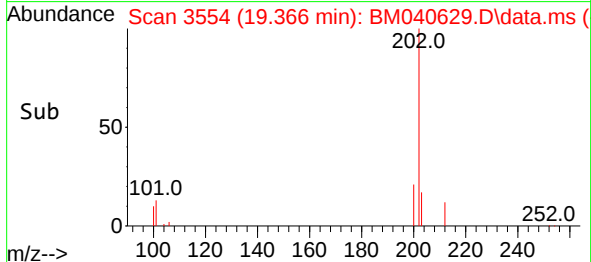
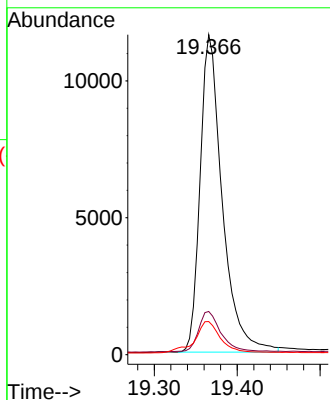


#19
Fluoranthene
Concen: 0.432 ng/ul
RT: 19.366 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

Instrument :
BNA_M
ClientSampleId :

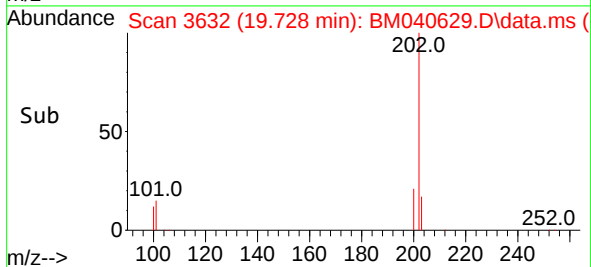
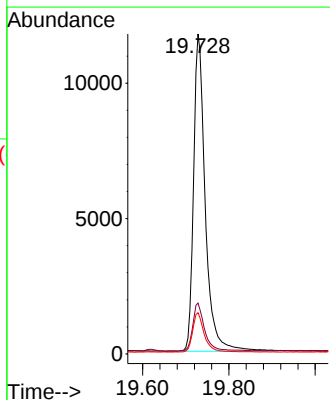
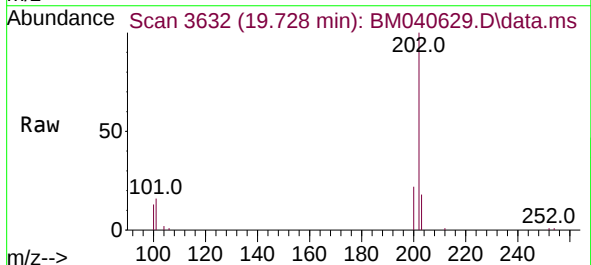


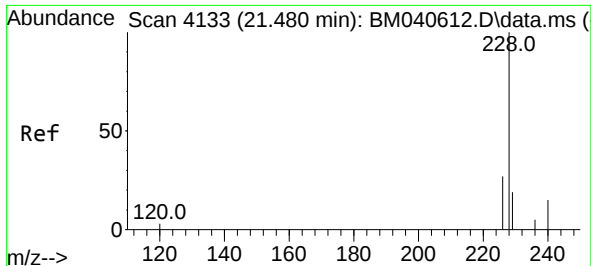
Tgt Ion:202 Resp: 21596
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 10.4 8.7 13.1



#20
Pyrene
Concen: 0.412 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

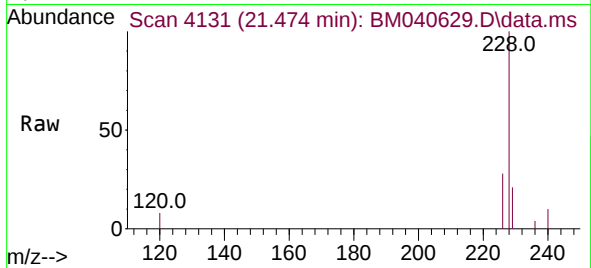
Tgt Ion:202 Resp: 22088
Ion Ratio Lower Upper
202 100
101 15.9 12.6 18.8
100 12.9 9.8 14.6



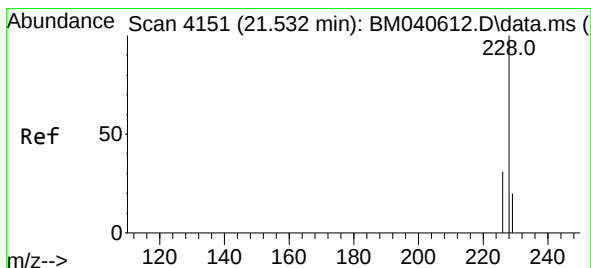
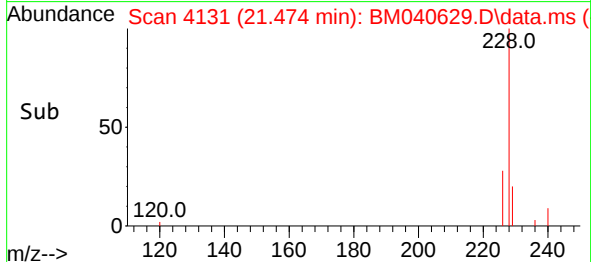
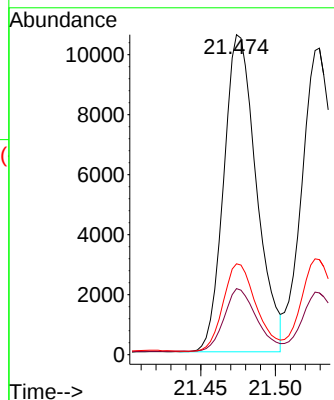


#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.474 min Scan# 4131
Delta R.T. -0.015 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

Instrument :
BNA_M
ClientSampleId :

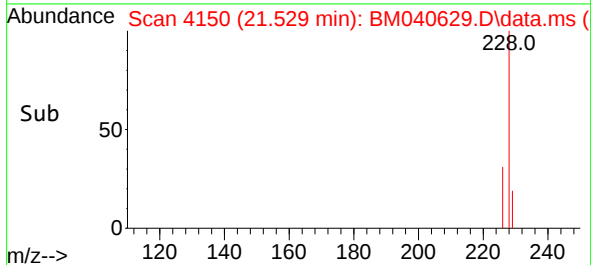
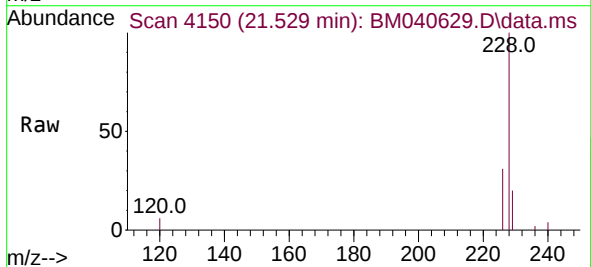
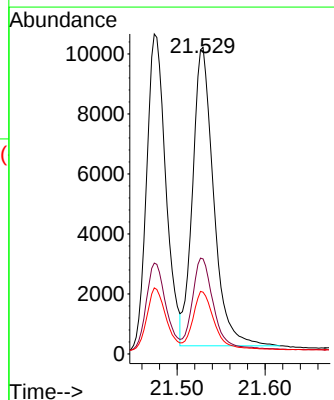


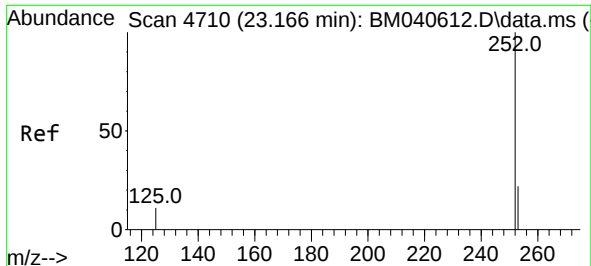
Tgt Ion:228 Resp: 16107
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.4 22.3 33.5



#22
Chrysene
Concen: 0.364 ng/ul
RT: 21.529 min Scan# 4150
Delta R.T. -0.012 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

Tgt Ion:228 Resp: 16528
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 20.1 15.8 23.6

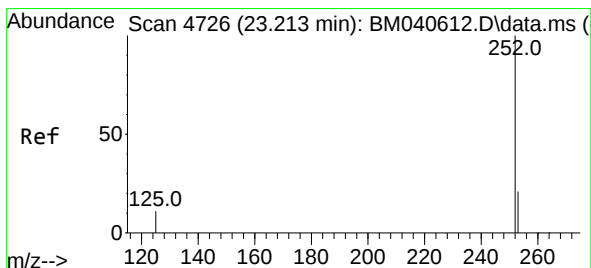
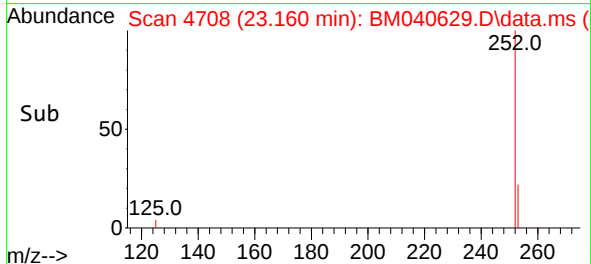
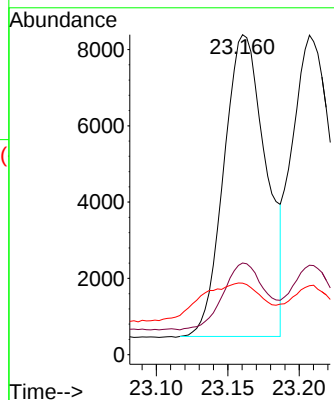
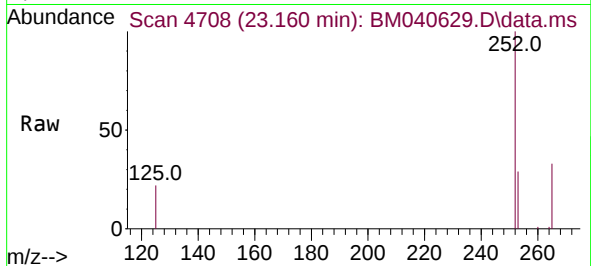




#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul
RT: 23.160 min Scan# 4710
Delta R.T. -0.020 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

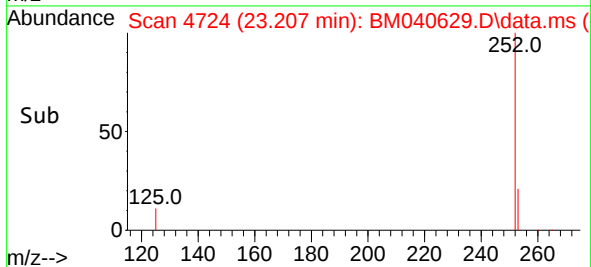
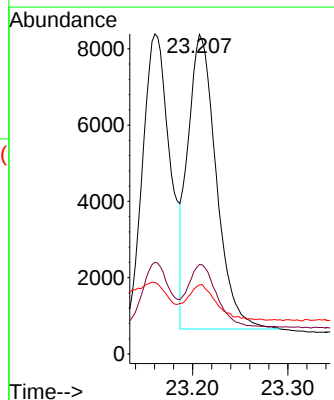
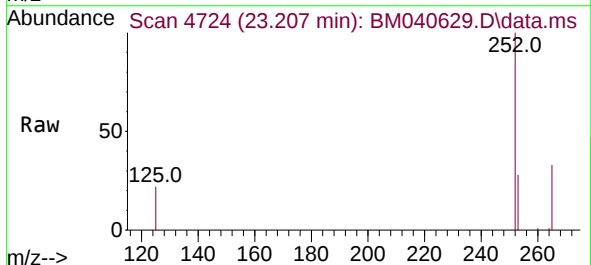
Instrument :
BNA_M
ClientSampleId :

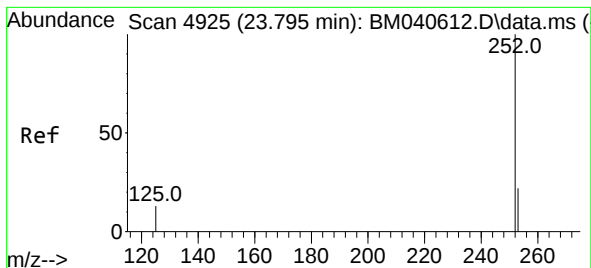
Tgt Ion:252 Resp: 16221
Ion Ratio Lower Upper
252 100
253 28.7 0.0 52.8
125 22.3 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 23.207 min Scan# 4724
Delta R.T. -0.018 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

Tgt Ion:252 Resp: 15981
Ion Ratio Lower Upper
252 100
253 28.0 21.2 31.8
125 21.6 16.4 24.6





#26

Benzo(a)pyrene

Concen: 0.353 ng/ul

RT: 23.789 min Scan# 4925

Delta R.T. -0.015 min

Lab File: BM040629.D

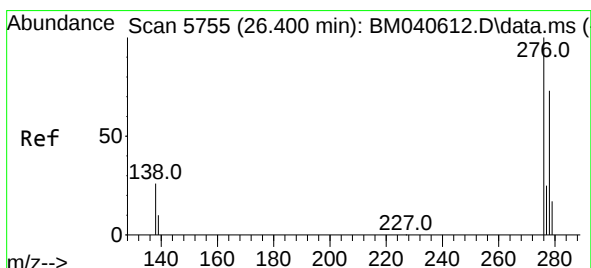
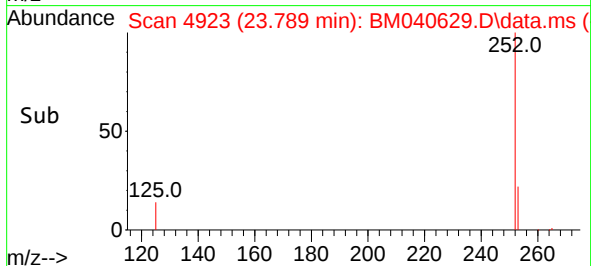
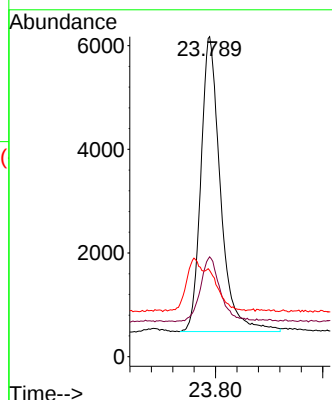
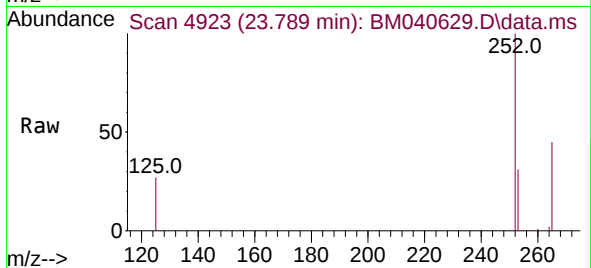
Acq: 05 Jul 2023 01:50

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	14415
Ion Ratio	Lower	Upper
252	100	
253	31.2	22.9 34.3
125	26.9	21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.346 ng/ul

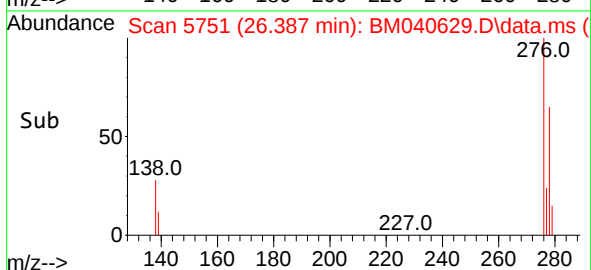
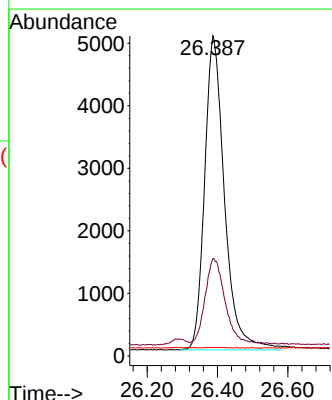
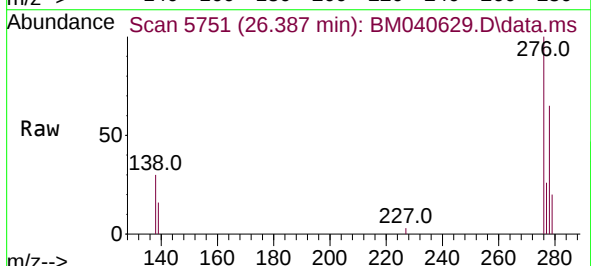
RT: 26.387 min Scan# 5751

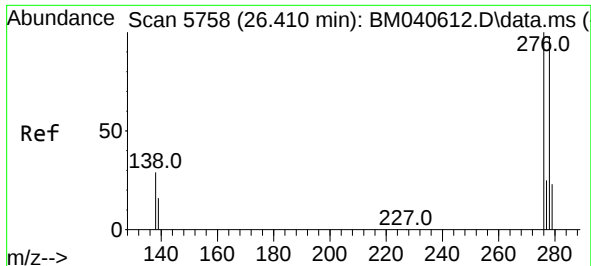
Delta R.T. -0.030 min

Lab File: BM040629.D

Acq: 05 Jul 2023 01:50

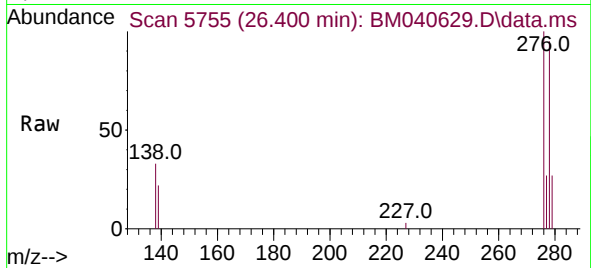
Tgt Ion:276	Resp:	19661
Ion Ratio	Lower	Upper
276	100	
138	27.2	24.5 36.7
227	0.2	0.1 0.1#



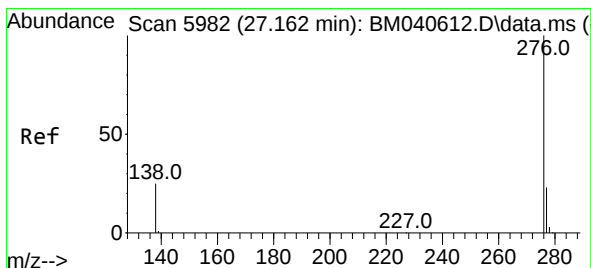
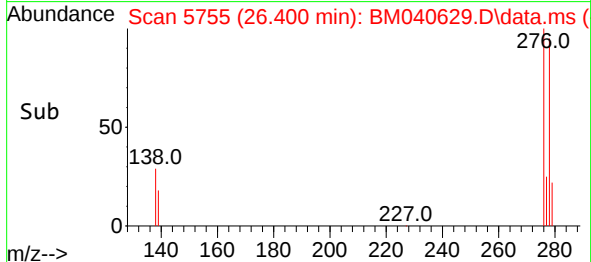
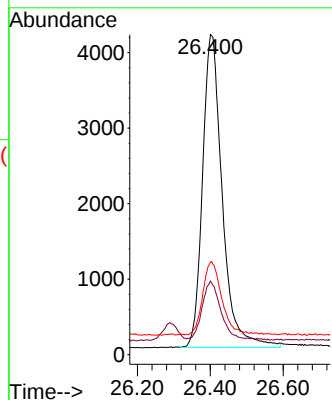


#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 26.400 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 15557
Ion Ratio Lower Upper
278 100
139 23.0 17.9 26.9
279 29.0 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 27.155 min Scan# 5980
Delta R.T. -0.027 min
Lab File: BM040629.D
Acq: 05 Jul 2023 01:50

Tgt Ion:276 Resp: 16628
Ion Ratio Lower Upper
276 100
138 27.8 23.0 34.6
277 26.5 20.3 30.5

