

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035664.D
 Acq On : 24 Jun 2022 16:07
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 25 04:06:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

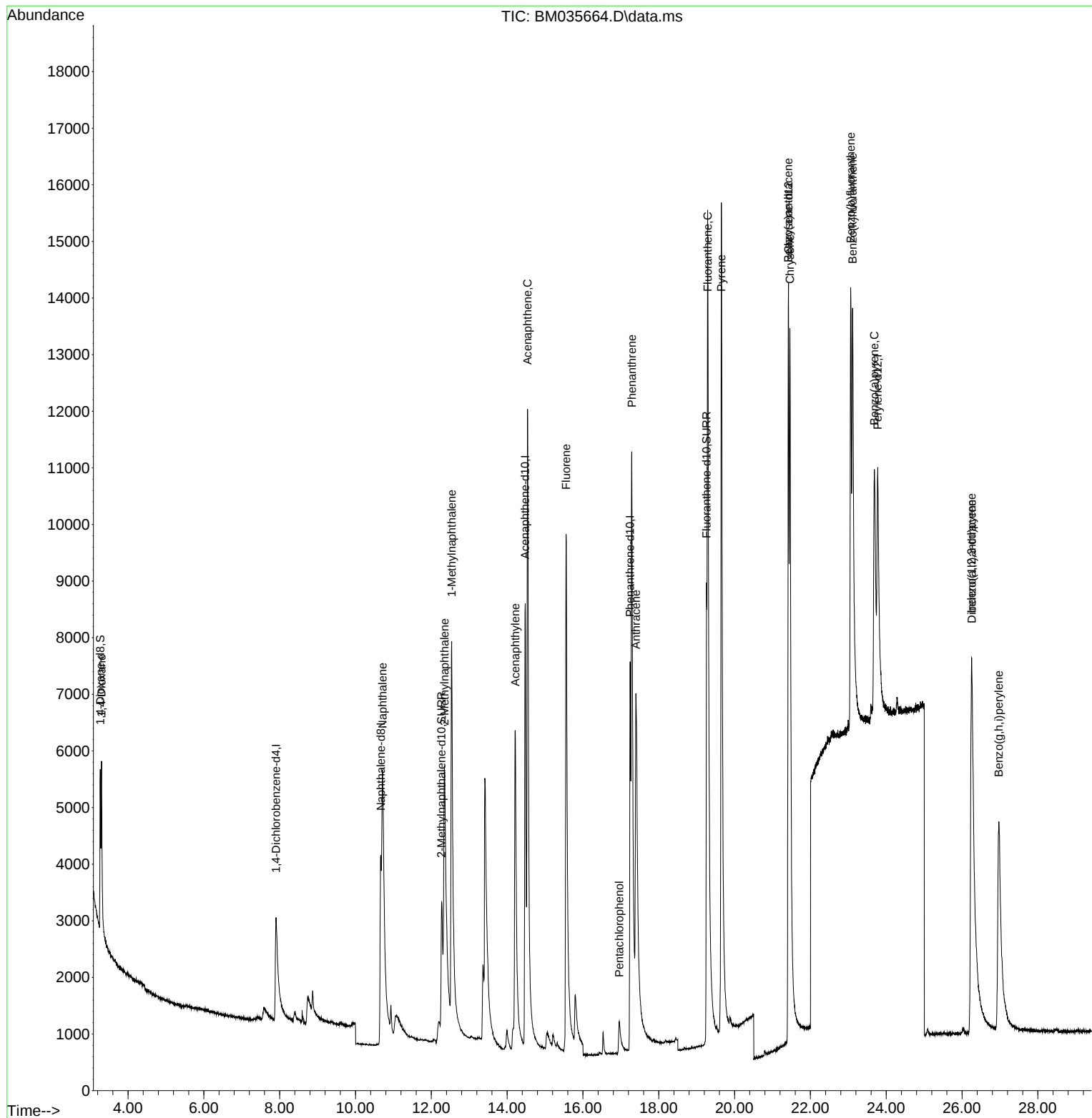
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	2550	0.400	ng/ul	0.05
4) Naphthalene-d8	10.666	136	12324	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.478	164	5837	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	13476	0.400	ng/ul	0.02
17) Chrysene-d12	21.424	240	10103	0.400	ng/ul	0.01
23) Perylene-d12	23.774	264	7935	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	2014	0.561	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.272	152	7815	0.427	ng/ul	0.03
18) Fluoranthene-d10	19.261	212	15180	0.447	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	2033	0.569	ng/ul#	66
5) Naphthalene	10.715	128	13952	0.334	ng/ul	99
7) 2-Methylnaphthalene	12.349	142	8043	0.337	ng/ul	94
8) 1-Methylnaphthalene	12.536	142	8570	0.391	ng/ul	98
10) Acenaphthylene	14.214	152	14337	0.436	ng/ul	99
11) Acenaphthene	14.538	153	11074	0.455	ng/ul	99
12) Fluorene	15.556	166	12574	0.457	ng/ul	99
14) Pentachlorophenol	16.959	266	933	0.361	ng/ul	96
15) Phenanthrene	17.288	178	18903	0.383	ng/ul	99
16) Anthracene	17.398	178	14675	0.339	ng/ul	99
19) Fluoranthene	19.294	202	20541	0.398	ng/ul	99
20) Pyrene	19.652	202	24709	0.456	ng/ul	100
21) Benzo(a)anthracene	21.418	228	10898	0.285	ng/ul	99
22) Chrysene	21.459	228	17163	0.378	ng/ul	100
24) Benzo(b)fluoranthene	23.063	252	13378	0.385	ng/ul	96
25) Benzo(k)fluoranthene	23.113	252	12493	0.347	ng/ul	94
26) Benzo(a)pyrene	23.689	252	14010	0.389	ng/ul	89
27) Indeno(1,2,3-cd)pyrene	26.252	276	15480	0.373	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.259	278	12436	0.367	ng/ul#	91
29) Benzo(g,h,i)perylene	26.970	276	14694	0.395	ng/ul	96

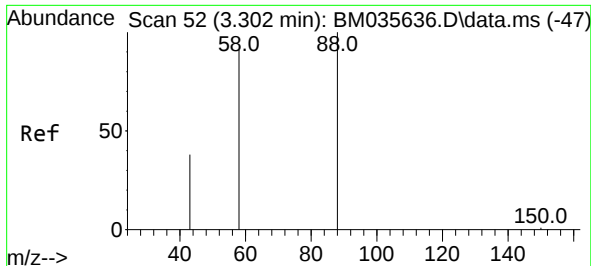
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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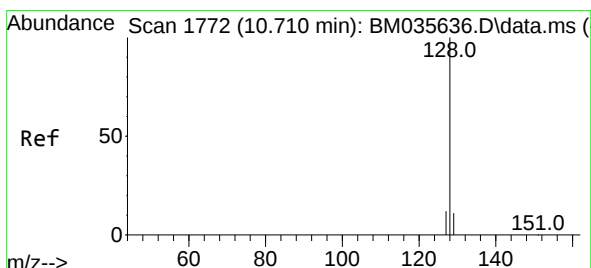
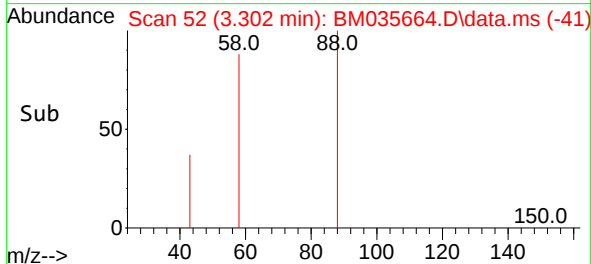
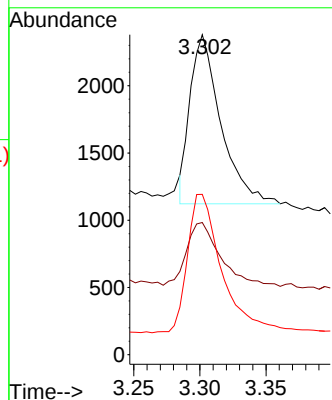
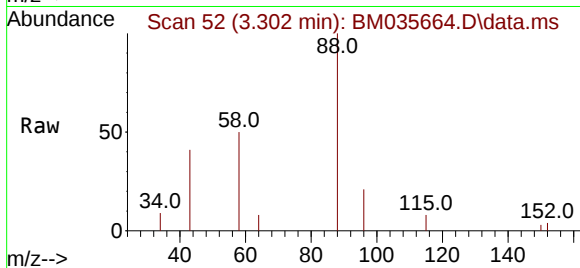




#2
1,4-Dioxane
Concen: 0.569 ng/ul
RT: 3.302 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

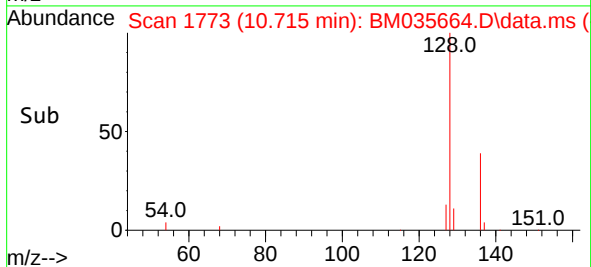
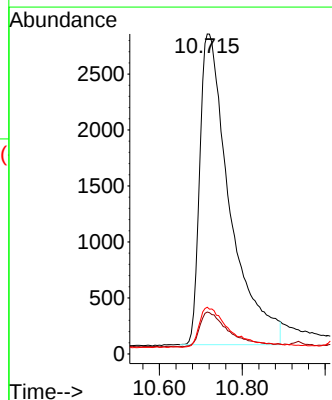
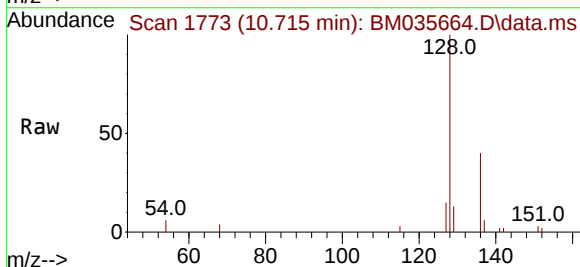
Instrument :
BNA_M
ClientSampleId :

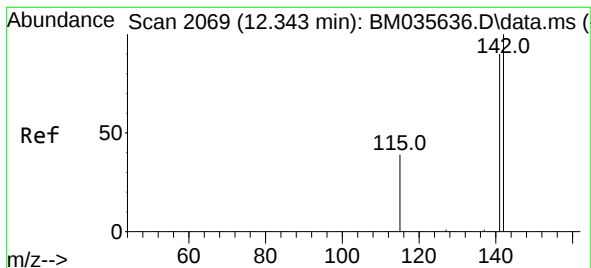
Tgt Ion: 88 Resp: 2033
Ion Ratio Lower Upper
88 100
43 41.3 70.4 105.6#
58 50.1 45.6 68.4



#5
Naphthalene
Concen: 0.334 ng/ul
RT: 10.715 min Scan# 1773
Delta R.T. 0.022 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

Tgt Ion: 128 Resp: 13952
Ion Ratio Lower Upper
128 100
129 13.1 10.1 15.1
127 14.6 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.337 ng/ul

RT: 12.349 min Scan# 20

Delta R.T. 0.027 min

Lab File: BM035664.D

Acq: 24 Jun 2022 16:07

Instrument :

BNA_M

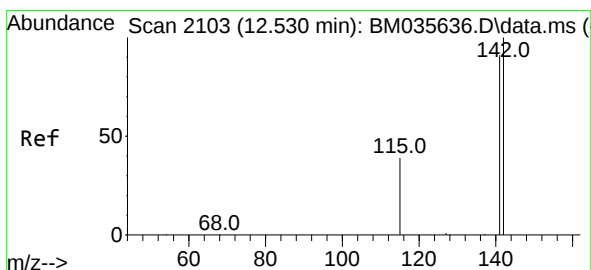
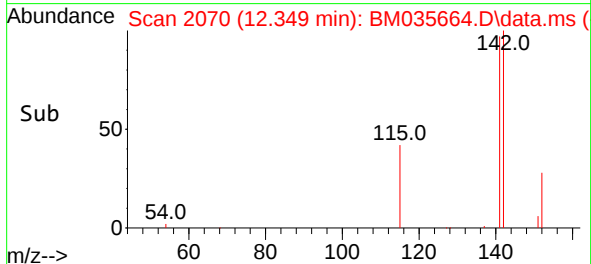
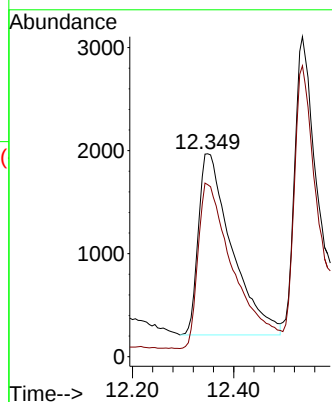
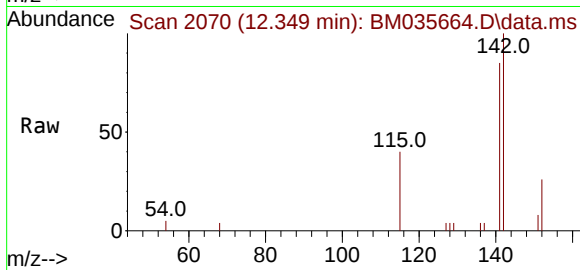
ClientSampleId :

Tgt Ion:142 Resp: 8043

Ion Ratio Lower Upper

142 100

141 98.5 73.8 110.8



#8

1-Methylnaphthalene

Concen: 0.391 ng/ul

RT: 12.536 min Scan# 2104

Delta R.T. 0.011 min

Lab File: BM035664.D

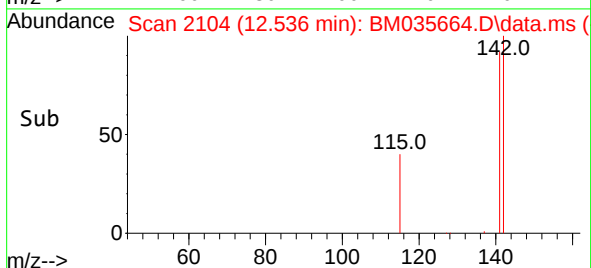
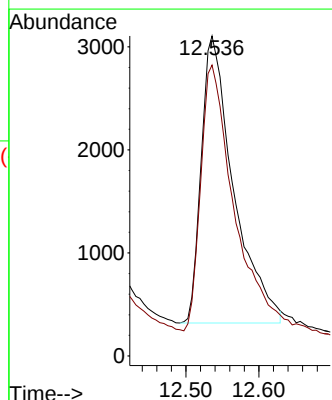
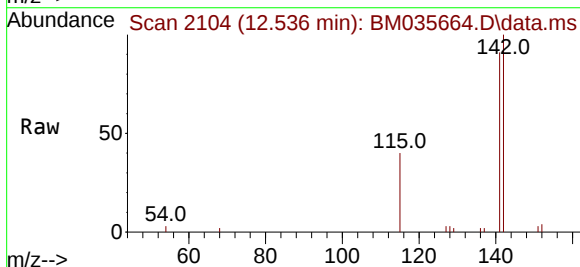
Acq: 24 Jun 2022 16:07

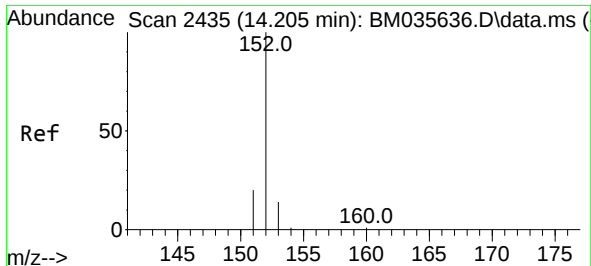
Tgt Ion:142 Resp: 8570

Ion Ratio Lower Upper

142 100

141 95.0 74.6 111.8

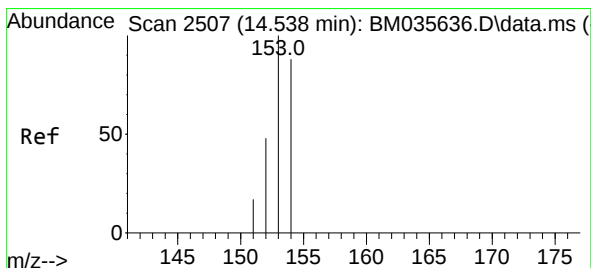
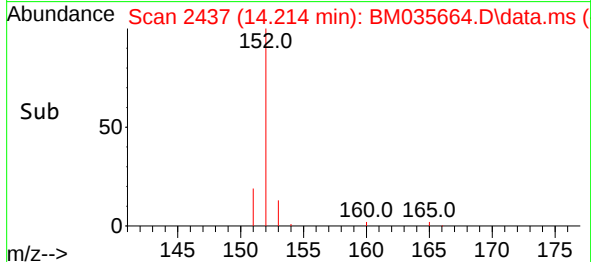
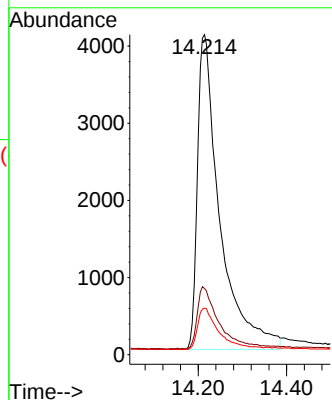
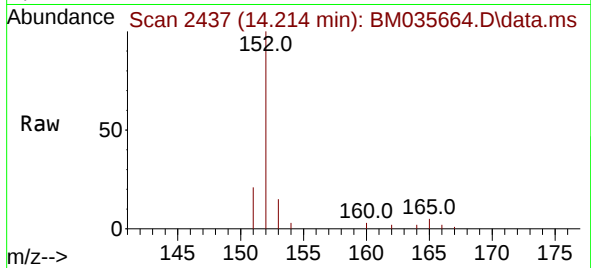




#10
Acenaphthylene
Concen: 0.436 ng/ul
RT: 14.214 min Scan# 2437
Delta R.T. 0.013 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

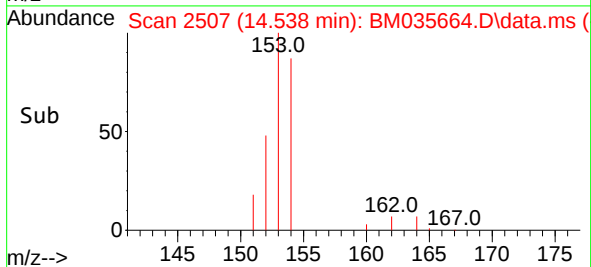
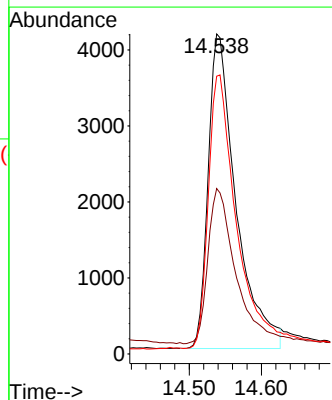
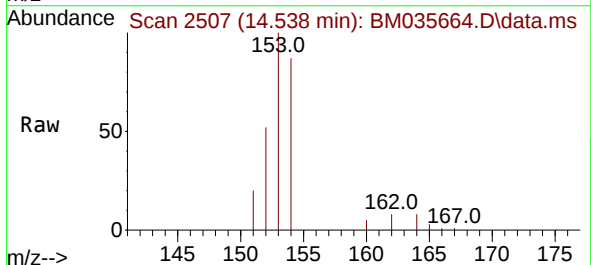
Instrument :
BNA_M
ClientSampleId :

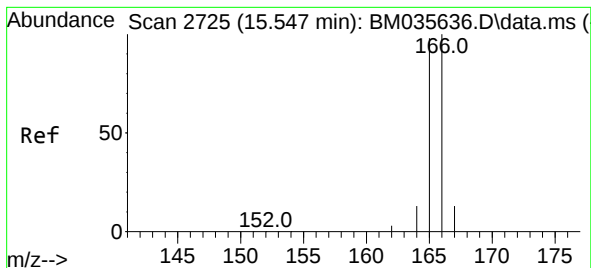
Tgt Ion:152 Resp: 14337
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 14.6 11.1 16.7



#11
Acenaphthene
Concen: 0.455 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. 0.004 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

Tgt Ion:153 Resp: 11074
Ion Ratio Lower Upper
153 100
152 51.7 40.0 60.0
154 86.8 69.1 103.7





#12

Fluorene

Concen: 0.457 ng/ul

RT: 15.556 min Scan# 21

Delta R.T. 0.018 min

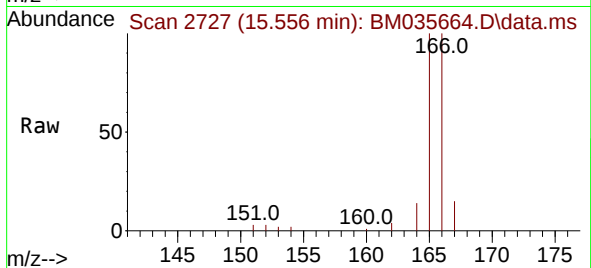
Lab File: BM035664.D

Acq: 24 Jun 2022 16:07

Instrument :

BNA_M

ClientSampleId :



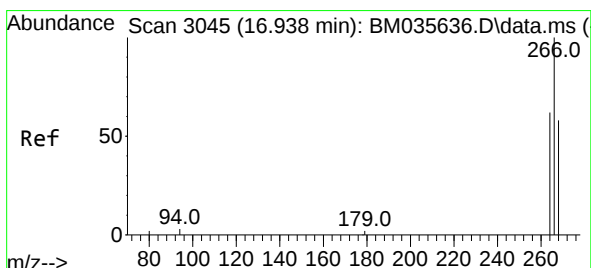
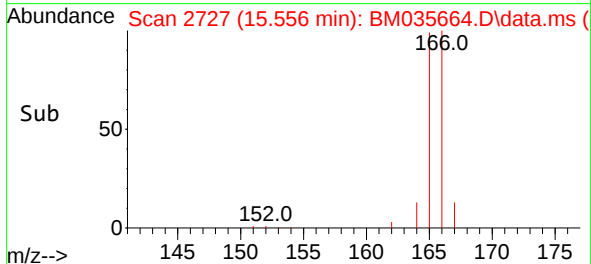
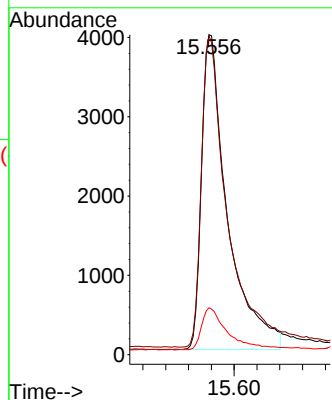
Tgt Ion:166 Resp: 12574

Ion Ratio Lower Upper

166 100

165 99.6 78.7 118.1

167 14.6 11.6 17.4



#14

Pentachlorophenol

Concen: 0.361 ng/ul

RT: 16.959 min Scan# 3050

Delta R.T. 0.029 min

Lab File: BM035664.D

Acq: 24 Jun 2022 16:07

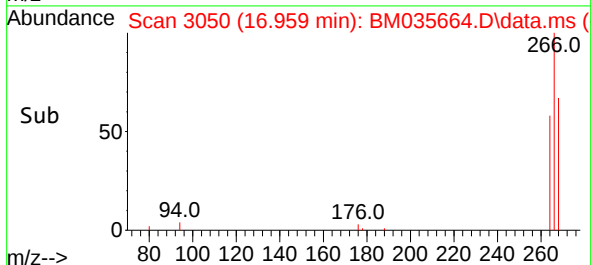
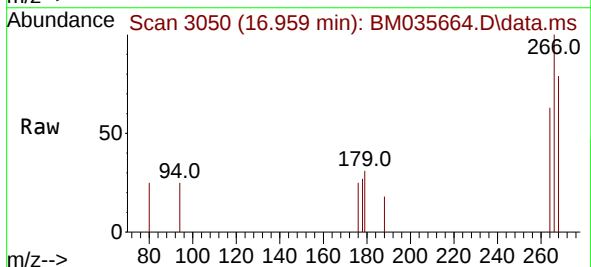
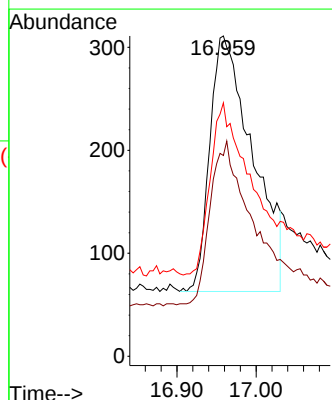
Tgt Ion:266 Resp: 933

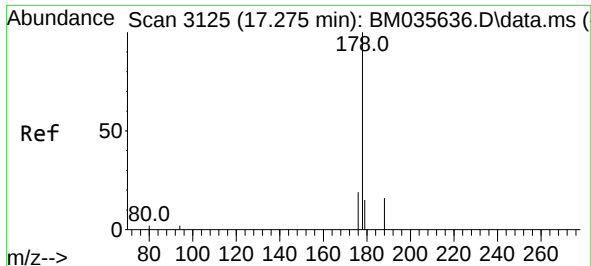
Ion Ratio Lower Upper

266 100

264 59.5 51.0 76.4

268 62.9 51.7 77.5

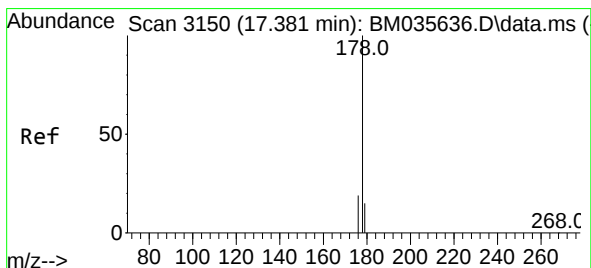
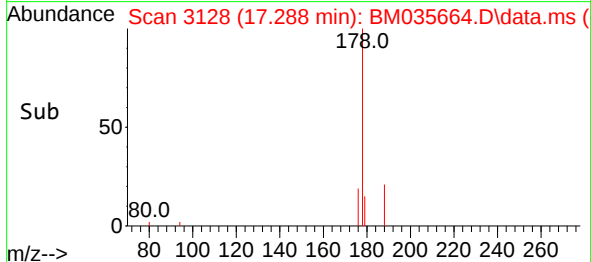
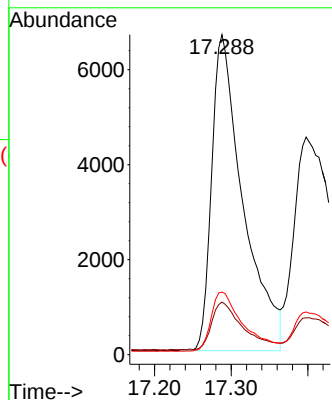
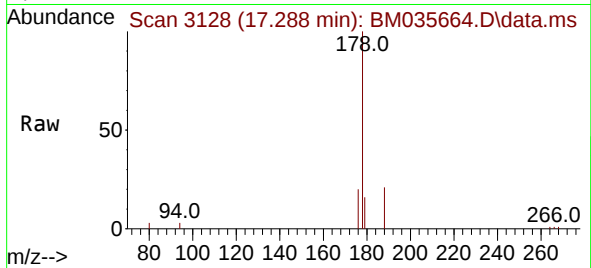




#15
Phenanthrene
Concen: 0.383 ng/u1
RT: 17.288 min Scan# 3128
Delta R.T. 0.016 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

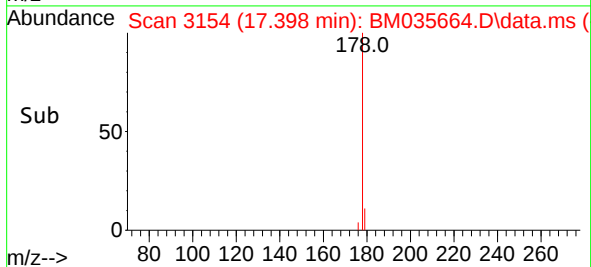
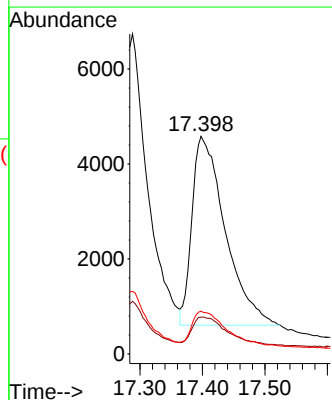
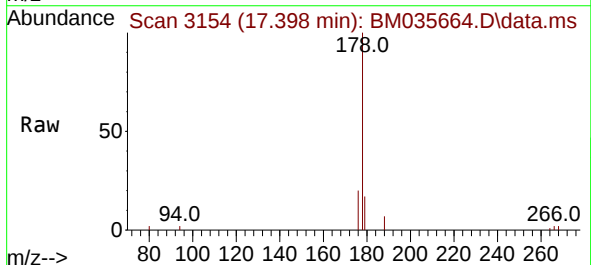
Instrument :
BNA_M
ClientSampleId :

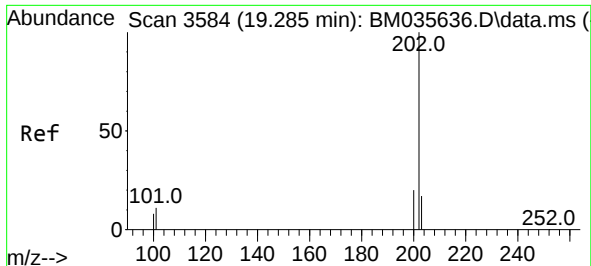
Tgt Ion:178 Resp: 18903
Ion Ratio Lower Upper
178 100
179 16.4 13.2 19.8
176 19.5 16.2 24.4



#16
Anthracene
Concen: 0.339 ng/u1
RT: 17.398 min Scan# 3154
Delta R.T. 0.024 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

Tgt Ion:178 Resp: 14675
Ion Ratio Lower Upper
178 100
179 16.9 13.4 20.0
176 19.6 15.9 23.9

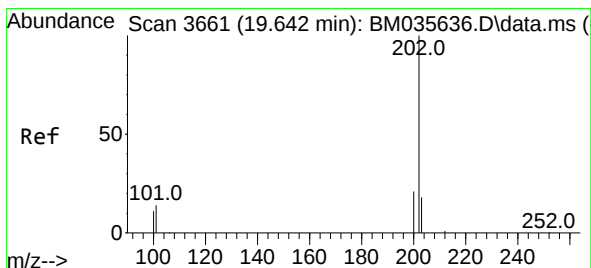
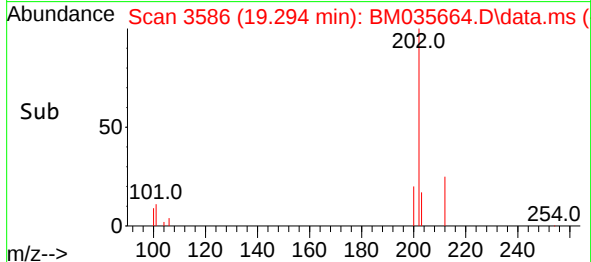
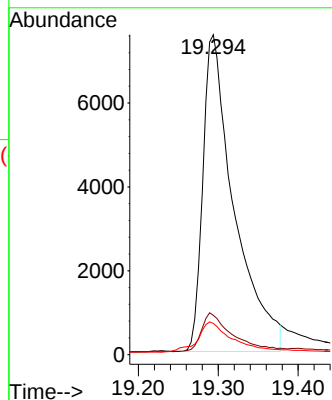
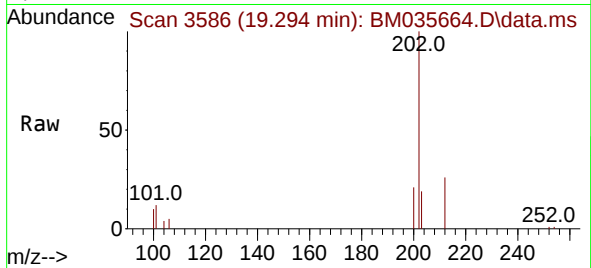




#19
Fluoranthene
Concen: 0.398 ng/u1
RT: 19.294 min Scan# 3586
Delta R.T. 0.008 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

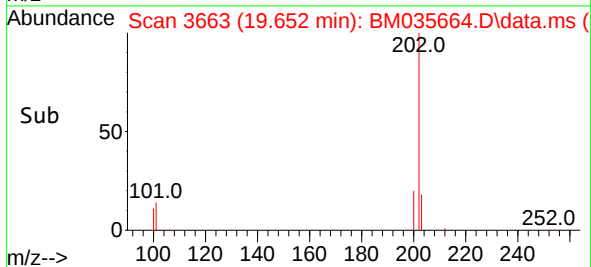
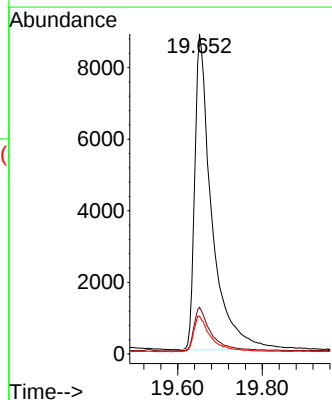
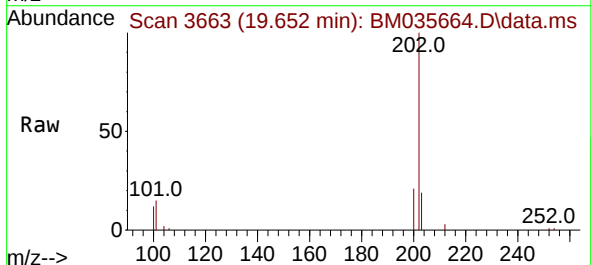
Instrument :
BNA_M
ClientSampleId :

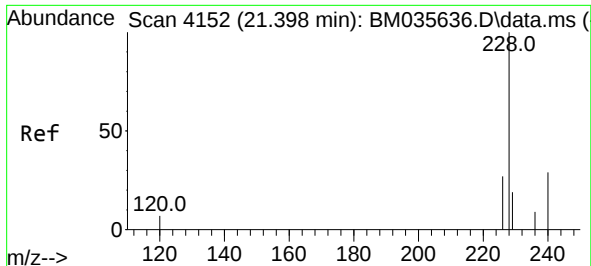
Tgt Ion:202 Resp: 20541
Ion Ratio Lower Upper
202 100
101 12.3 10.0 15.0
100 9.8 7.5 11.3



#20
Pyrene
Concen: 0.456 ng/u1
RT: 19.652 min Scan# 3663
Delta R.T. 0.004 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

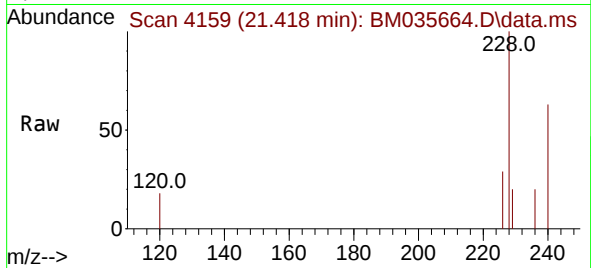
Tgt Ion:202 Resp: 24709
Ion Ratio Lower Upper
202 100
101 14.6 11.6 17.4
100 11.8 9.3 13.9



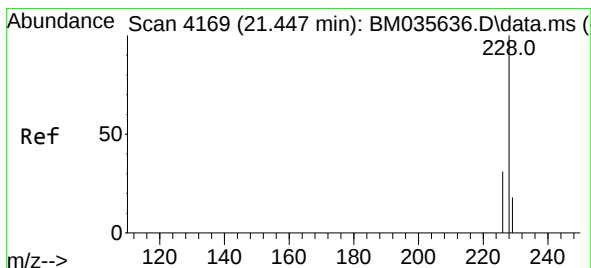
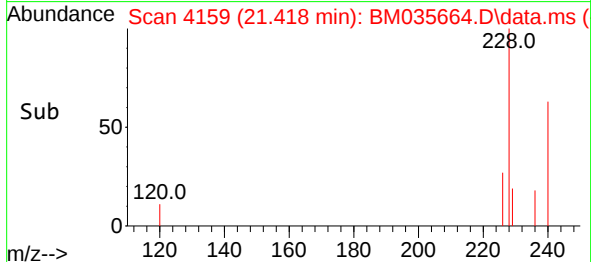
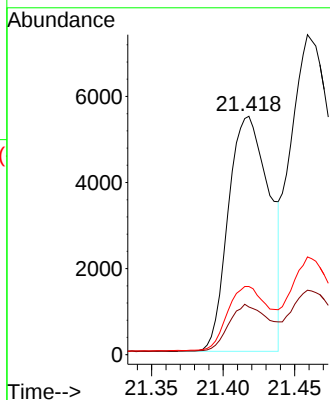


#21
Benzo(a)anthracene
Concen: 0.285 ng/ul
RT: 21.418 min Scan# 4159
Delta R.T. 0.018 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

Instrument :
BNA_M
ClientSampleId :

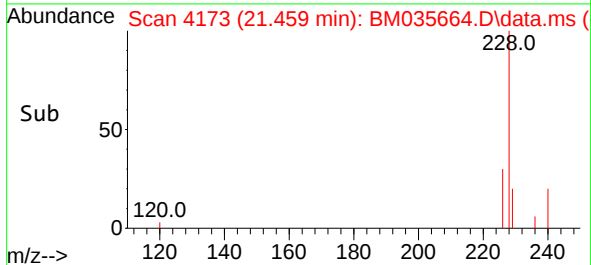
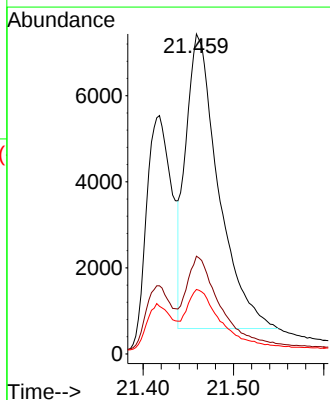
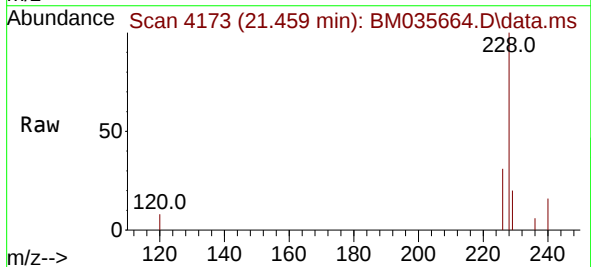


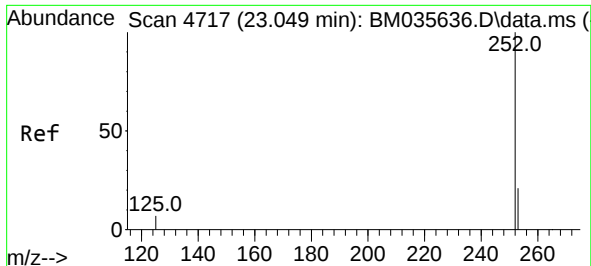
Tgt Ion:228 Resp: 10898
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 28.6 22.3 33.5



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. 0.010 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

Tgt Ion:228 Resp: 17163
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 20.1 15.8 23.8

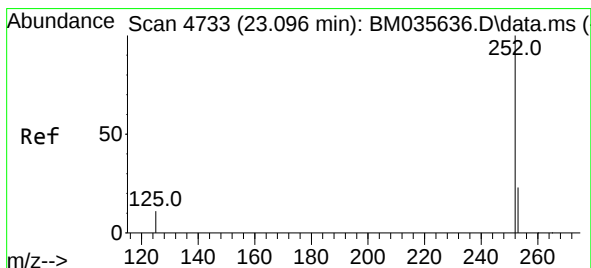
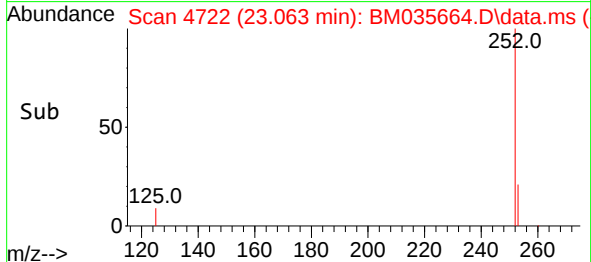
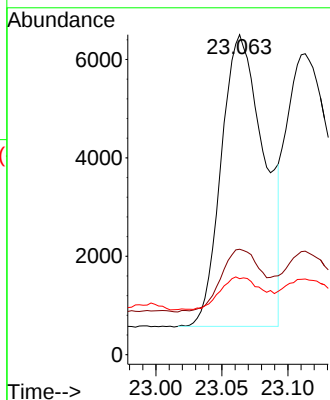
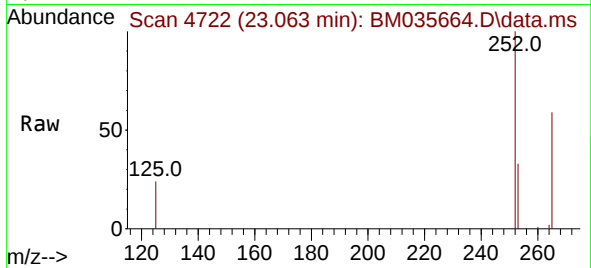




#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 23.063 min Scan# 4717
Delta R.T. 0.013 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

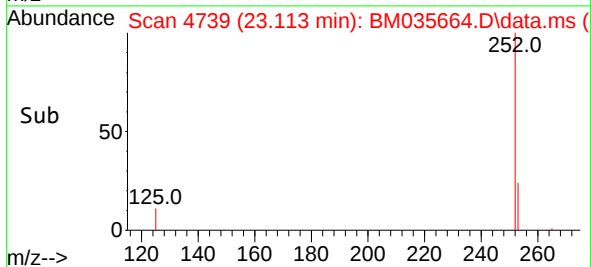
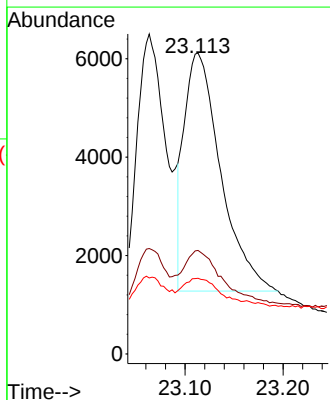
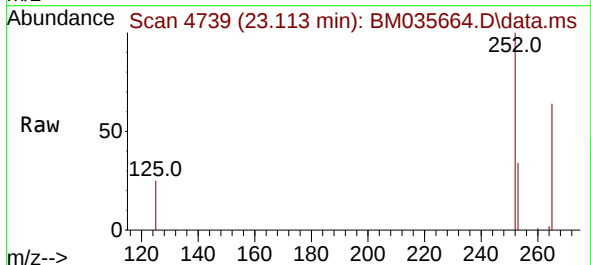
Instrument :
BNA_M
ClientSampleId :

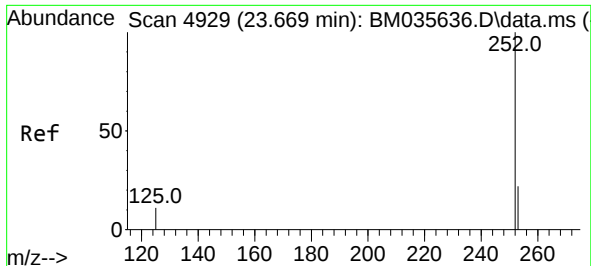
Tgt Ion:252 Resp: 13378
Ion Ratio Lower Upper
252 100
253 33.0 0.0 60.6
125 23.8 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 23.113 min Scan# 4739
Delta R.T. 0.015 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

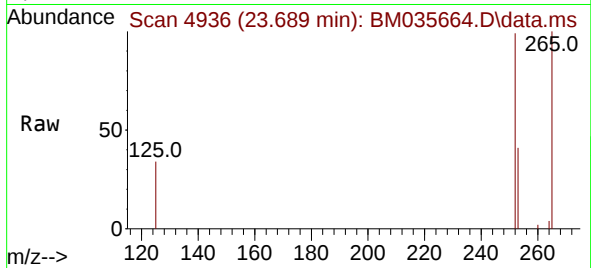
Tgt Ion:252 Resp: 12493
Ion Ratio Lower Upper
252 100
253 34.4 24.7 37.1
125 25.1 18.2 27.4



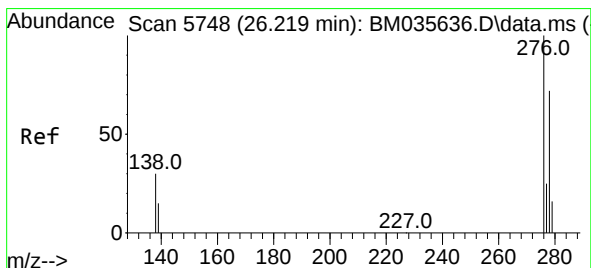
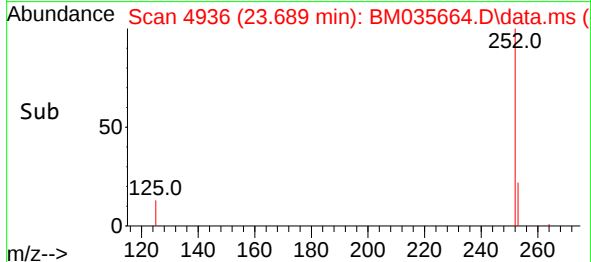
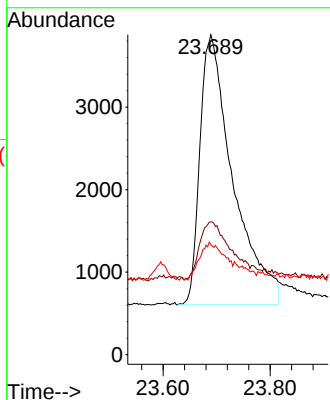


#26
Benzo(a)pyrene
Concen: 0.389 ng/ul
RT: 23.689 min Scan# 4929
Delta R.T. 0.021 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

Instrument :
BNA_M
ClientSampleId :

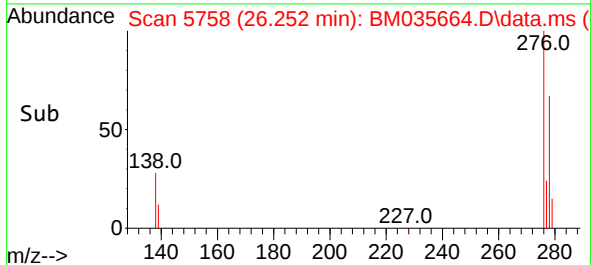
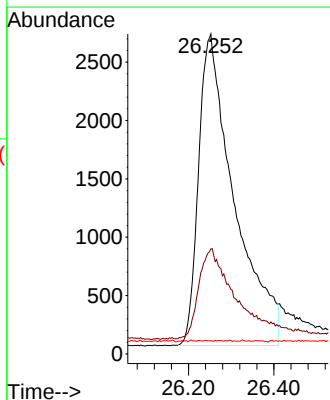
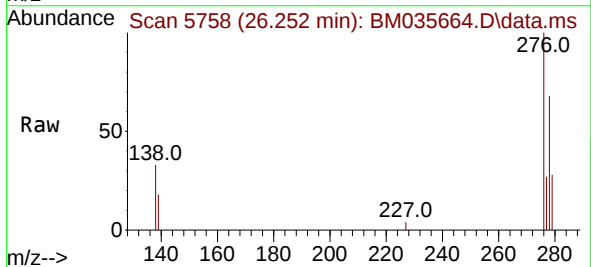


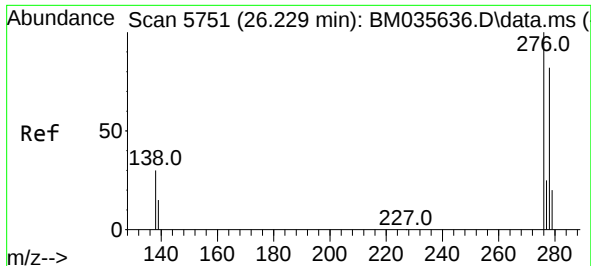
Tgt Ion:252 Resp: 14010
Ion Ratio Lower Upper
252 100
253 41.5 27.8 41.6
125 34.5 23.3 34.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 26.252 min Scan# 5758
Delta R.T. 0.041 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

Tgt Ion:276 Resp: 15480
Ion Ratio Lower Upper
276 100
138 29.6 24.8 37.2
227 0.1 0.1 0.1#

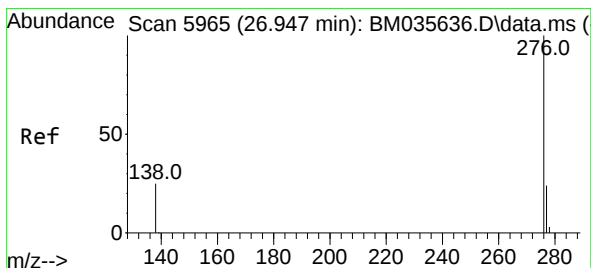
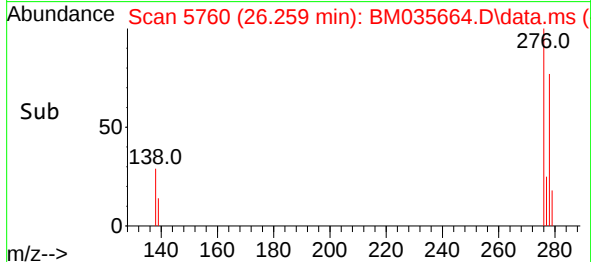
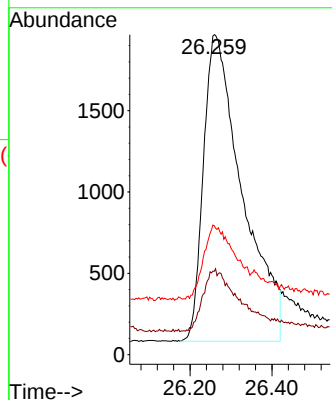
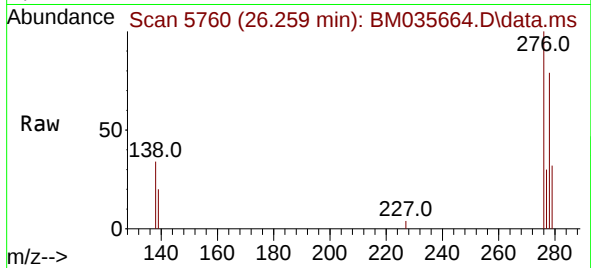




#28
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 26.259 min Scan# 51
Delta R.T. 0.038 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 12436
Ion Ratio Lower Upper
278 100
139 26.0 19.1 28.7
279 40.3 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 26.970 min Scan# 5972
Delta R.T. 0.024 min
Lab File: BM035664.D
Acq: 24 Jun 2022 16:07

Tgt Ion:276 Resp: 14694
Ion Ratio Lower Upper
276 100
138 30.7 23.1 34.7
277 27.3 20.3 30.5

