

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041791.D
 Acq On : 11 Sep 2023 22:39
 Operator : MA/JU
 Sample : PB155221BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS221

Quant Time: Sep 12 04:28:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 23:26:58 2023
 Response via : Initial Calibration

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

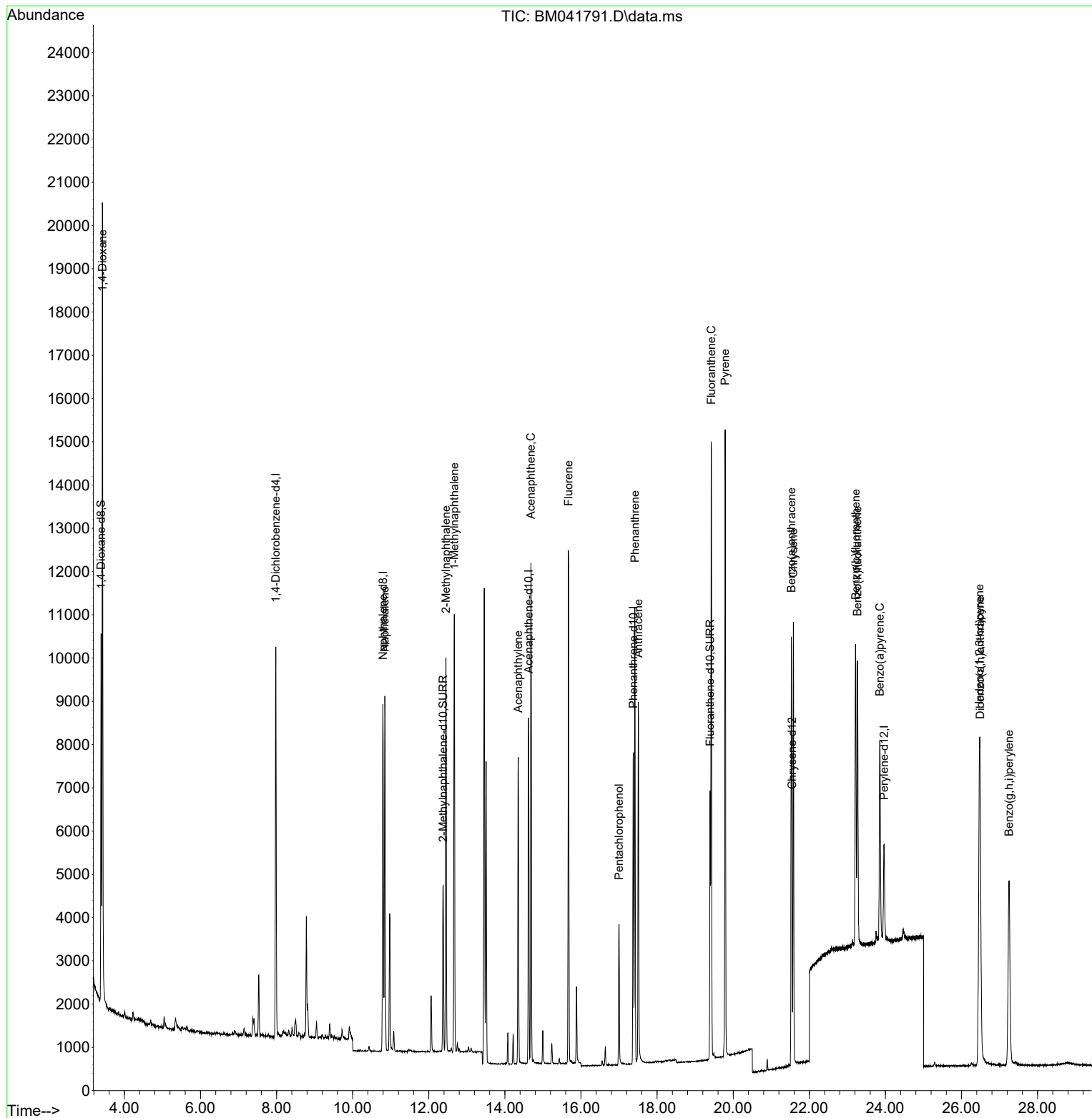
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	4484	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.796	136	10044	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.624	164	3937	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	7411	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	2913	0.400	ng/ul	0.00
23) Perylene-d12	23.965	264	3101	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	4450	0.649	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.374	152	4793	0.371	ng/ul	-0.01
18) Fluoranthene-d10	19.394	212	5335	0.378	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.427	88	10734	1.508	ng/ul	91
5) Naphthalene	10.845	128	10991	0.333	ng/ul	100
7) 2-Methylnaphthalene	12.451	142	6175	0.330	ng/ul	100
8) 1-Methylnaphthalene	12.671	142	6539	0.348	ng/ul	99
10) Acenaphthylene	14.352	152	7988	0.328	ng/ul	99
11) Acenaphthene	14.685	153	6463	0.342	ng/ul	99
12) Fluorene	15.670	166	7100	0.335	ng/ul	99
14) Pentachlorophenol	16.999	266	2120	0.715	ng/ul	99
15) Phenanthrene	17.417	178	10976	0.351	ng/ul	99
16) Anthracene	17.506	178	9280	0.346	ng/ul	99
19) Fluoranthene	19.427	202	11520	0.335	ng/ul	99
20) Pyrene	19.789	202	11682	0.342	ng/ul	95
21) Benzo(a)anthracene	21.527	228	7944	0.334	ng/ul	100
22) Chrysene	21.583	228	8710	0.340	ng/ul	99
24) Benzo(b)fluoranthene	23.217	252	9208	0.332	ng/ul	95
25) Benzo(k)fluoranthene	23.266	252	8550	0.315	ng/ul	95
26) Benzo(a)pyrene	23.851	252	7434	0.330	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.471	276	10754	0.348	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.488	278	7680	0.354	ng/ul	97
29) Benzo(g,h,i)perylene	27.250	276	9508	0.347	ng/ul	97

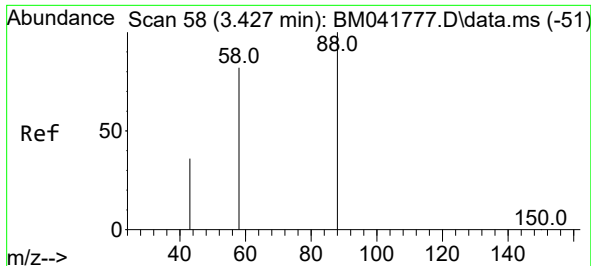
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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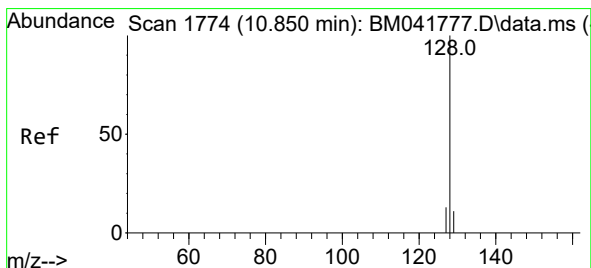
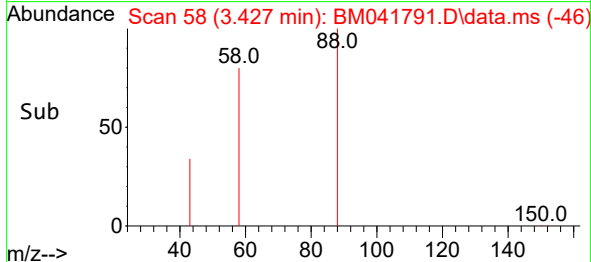
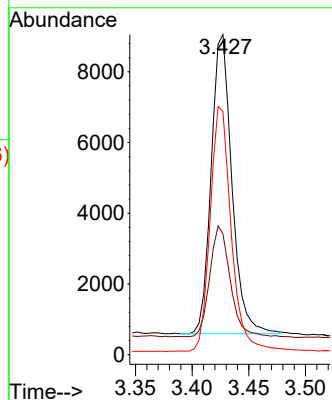
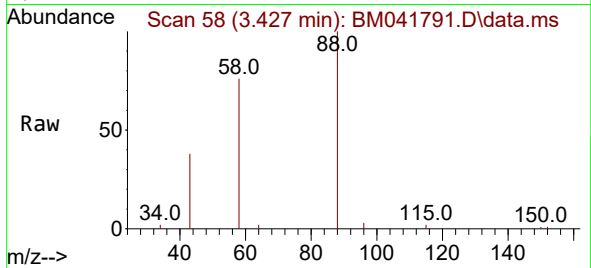




#2
1,4-Dioxane
Concen: 1.508 ng/ul
RT: 3.427 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM041791.D
Acq: 11 Sep 2023 22:39

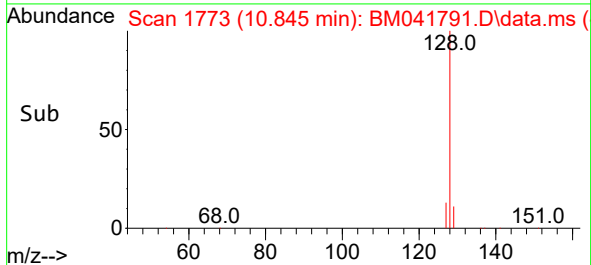
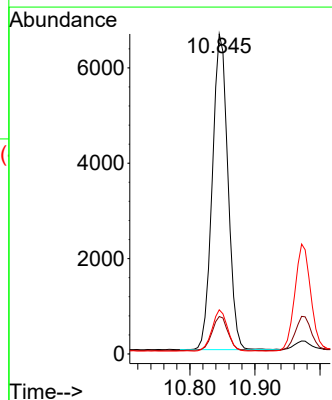
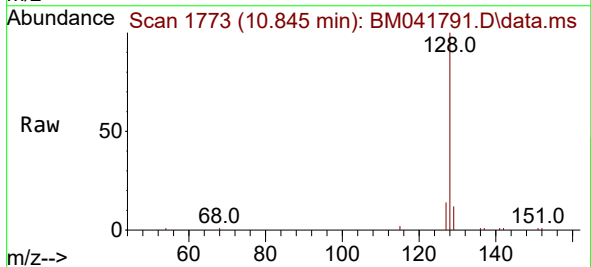
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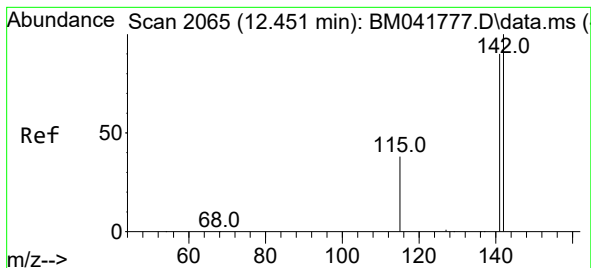
Tgt Ion: 88 Resp: 10734
Ion Ratio Lower Upper
88 100
43 37.7 33.8 50.6
58 76.0 54.2 81.2



#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. -0.011 min
Lab File: BM041791.D
Acq: 11 Sep 2023 22:39

Tgt Ion: 128 Resp: 10991
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.8 11.0 16.6

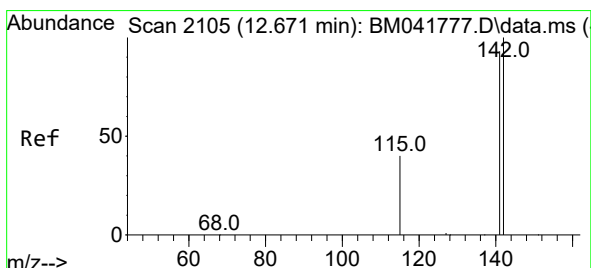
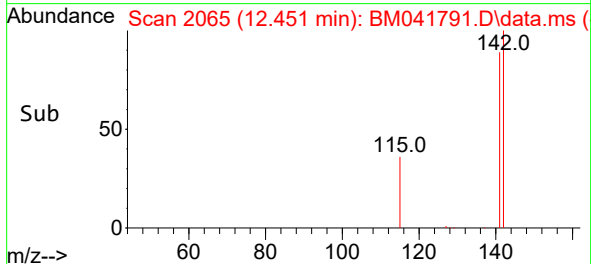
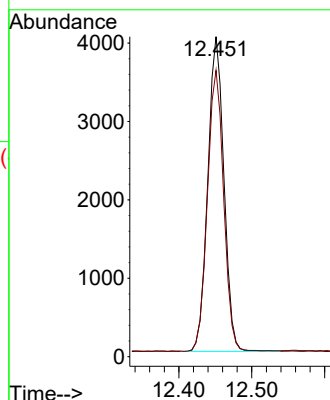
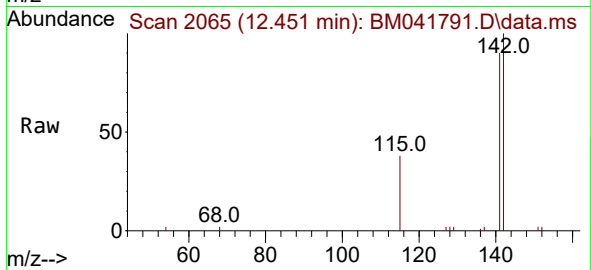




#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.011 min
Lab File: BM041791.D
Acq: 11 Sep 2023 22:39

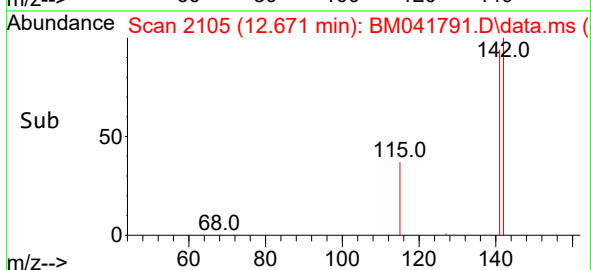
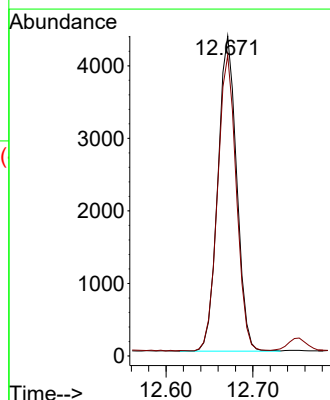
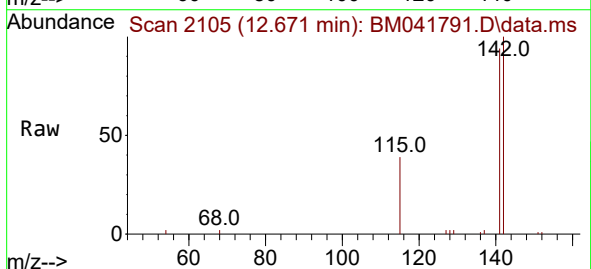
Instrument :
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ClientSampleId :
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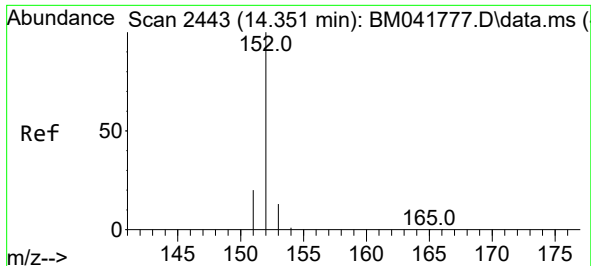
Tgt Ion:142 Resp: 6175
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.671 min Scan# 2105
Delta R.T. -0.011 min
Lab File: BM041791.D
Acq: 11 Sep 2023 22:39

Tgt Ion:142 Resp: 6539
Ion Ratio Lower Upper
142 100
141 93.5 74.4 111.6

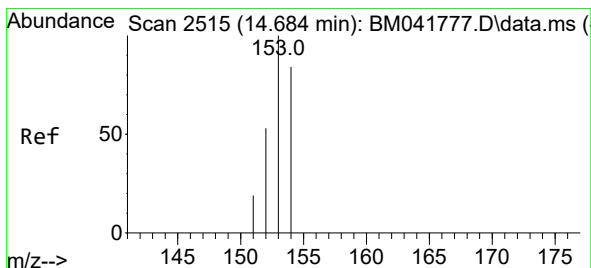
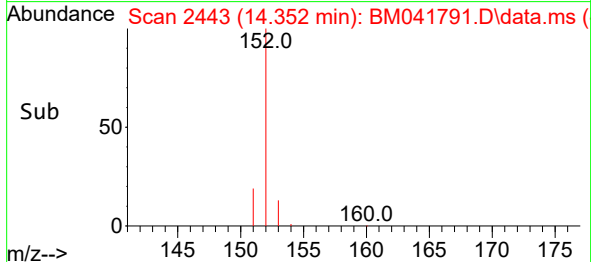
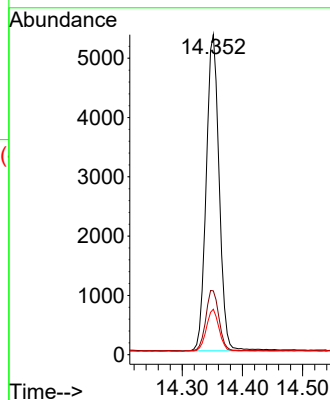
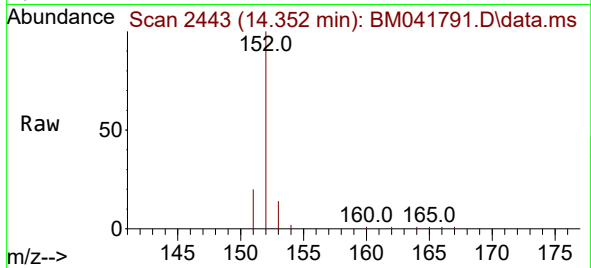




#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 14.352 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BM041791.D
Acq: 11 Sep 2023 22:39

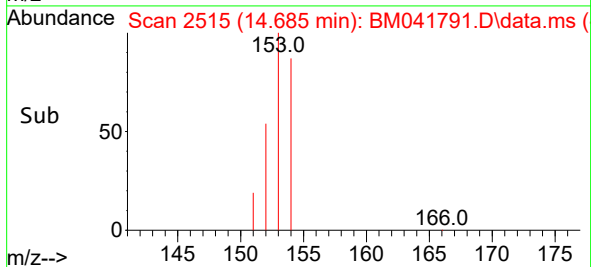
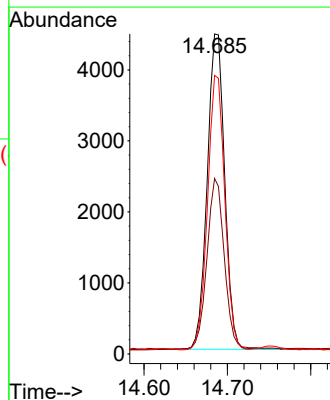
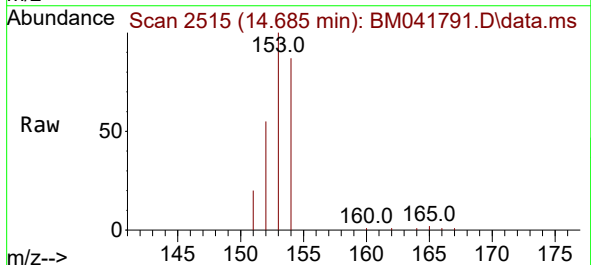
Instrument :
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ClientSampleId :
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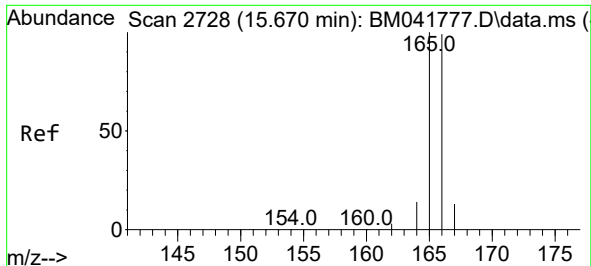
Tgt Ion:152 Resp: 7988
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 14.2 11.1 16.7



#11
Acenaphthene
Concen: 0.342 ng/ul
RT: 14.685 min Scan# 2515
Delta R.T. -0.009 min
Lab File: BM041791.D
Acq: 11 Sep 2023 22:39

Tgt Ion:153 Resp: 6463
Ion Ratio Lower Upper
153 100
152 54.9 43.4 65.2
154 87.1 69.4 104.0

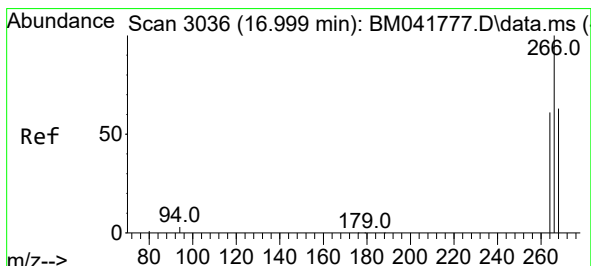
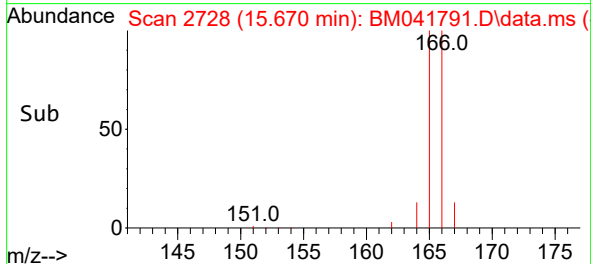
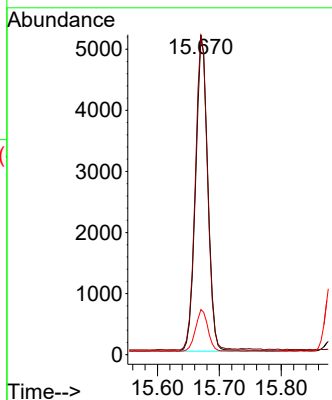
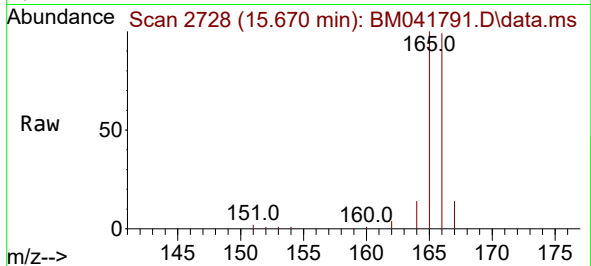




#12
Fluorene
Concen: 0.335 ng/ul
RT: 15.670 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM041791.D
Acq: 11 Sep 2023 22:39

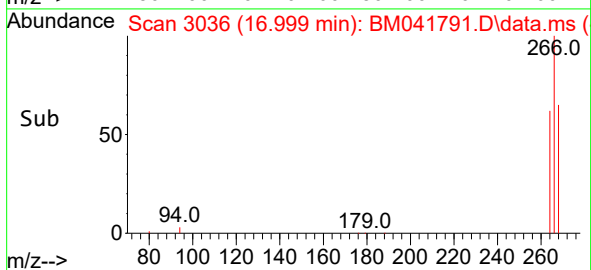
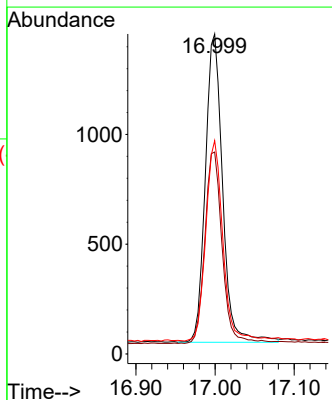
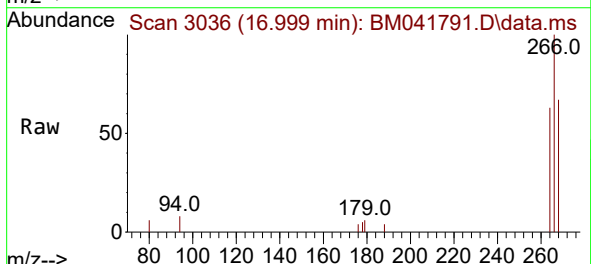
Instrument :
BNA_M
ClientSampleId :
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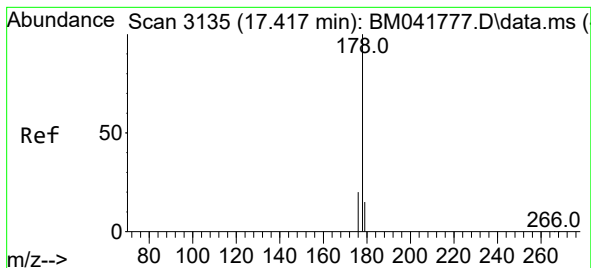
Tgt Ion:166 Resp: 7100
Ion Ratio Lower Upper
166 100
165 100.8 79.4 119.2
167 14.2 11.3 16.9



#14
Pentachlorophenol
Concen: 0.715 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.004 min
Lab File: BM041791.D
Acq: 11 Sep 2023 22:39

Tgt Ion:266 Resp: 2120
Ion Ratio Lower Upper
266 100
264 62.5 50.0 75.0
268 64.5 50.8 76.2





#15

Phenanthrene

Concen: 0.351 ng/ul

RT: 17.417 min Scan# 3135

Delta R.T. -0.008 min

Lab File: BM041791.D

Acq: 11 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

SLCS221

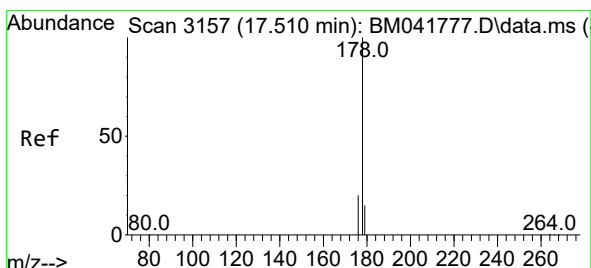
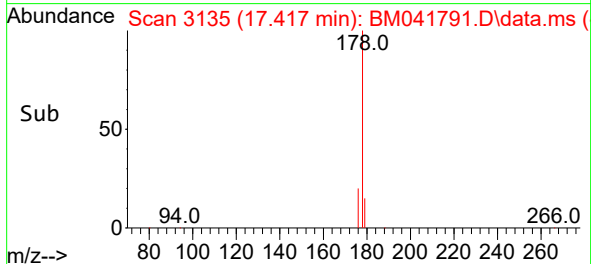
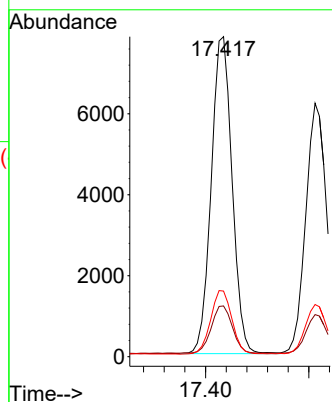
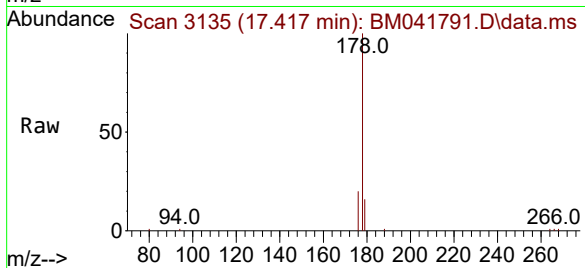
Tgt Ion:178 Resp: 10976

Ion Ratio Lower Upper

178 100

179 15.9 12.9 19.3

176 20.5 16.9 25.3



#16

Anthracene

Concen: 0.346 ng/ul

RT: 17.506 min Scan# 3156

Delta R.T. -0.008 min

Lab File: BM041791.D

Acq: 11 Sep 2023 22:39

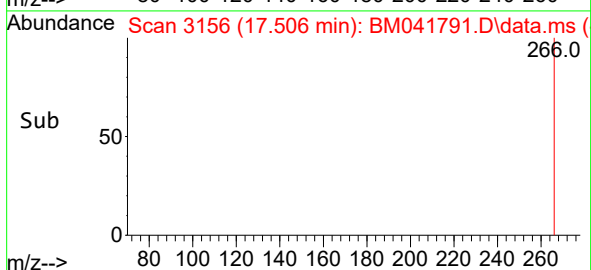
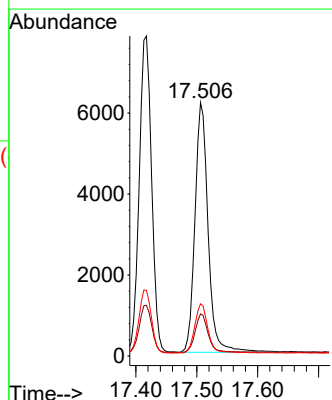
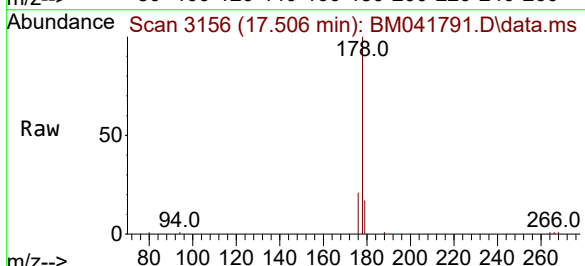
Tgt Ion:178 Resp: 9280

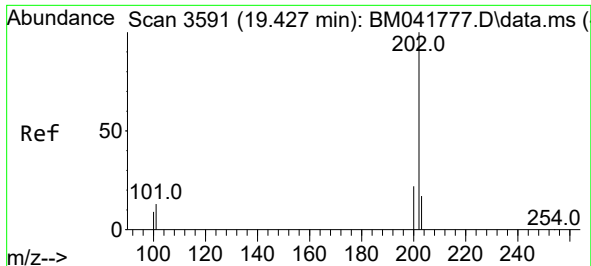
Ion Ratio Lower Upper

178 100

179 16.6 12.9 19.3

176 20.6 15.8 23.8

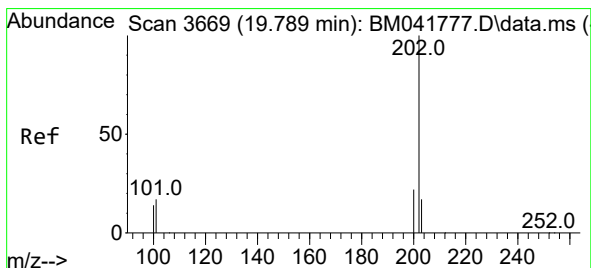
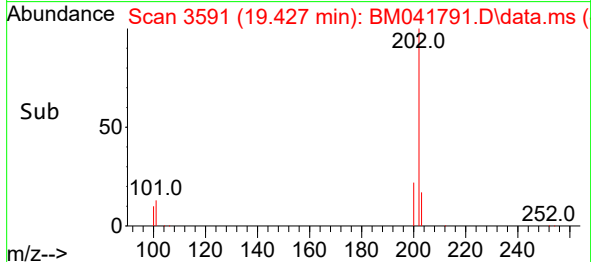
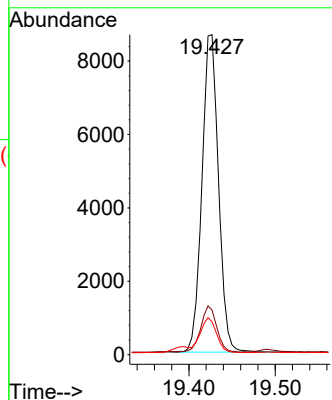
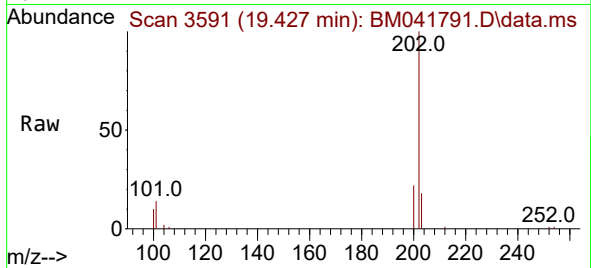




#19
Fluoranthene
Concen: 0.335 ng/ul
RT: 19.427 min Scan# 3591
Delta R.T. -0.005 min
Lab File: BM041791.D
Acq: 11 Sep 2023 22:39

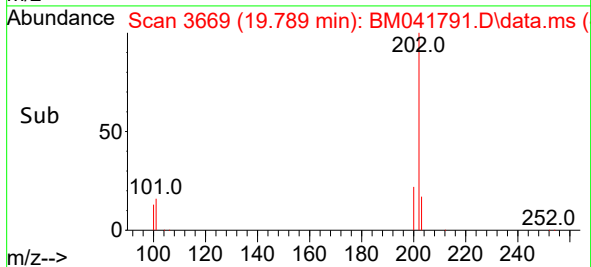
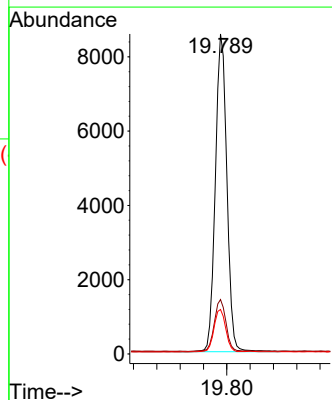
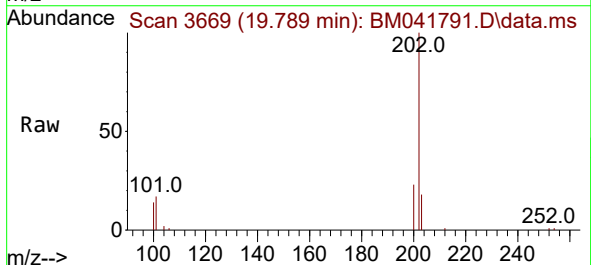
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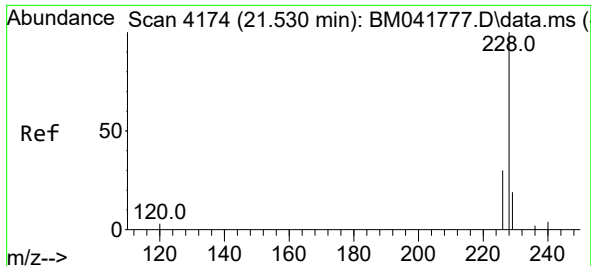
Tgt Ion:202 Resp: 11520
Ion Ratio Lower Upper
202 100
101 14.0 10.5 15.7
100 10.3 8.4 12.6



#20
Pyrene
Concen: 0.342 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM041791.D
Acq: 11 Sep 2023 22:39

Tgt Ion:202 Resp: 11682
Ion Ratio Lower Upper
202 100
101 17.0 11.8 17.8
100 13.9 9.8 14.6

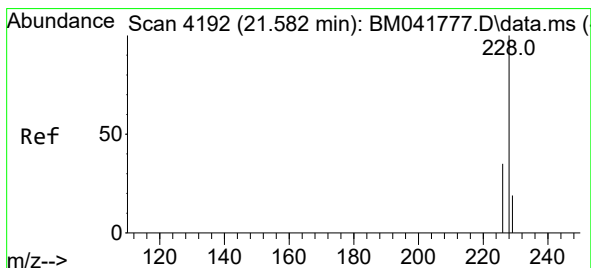
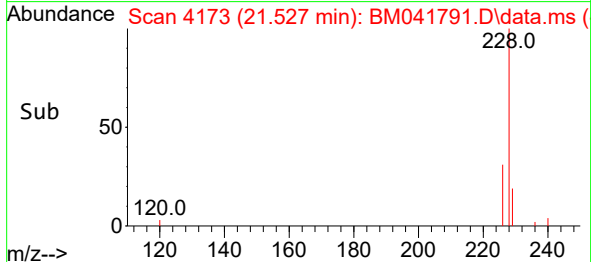
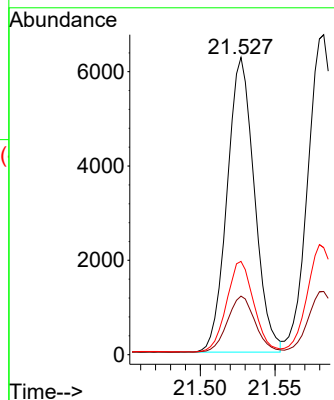
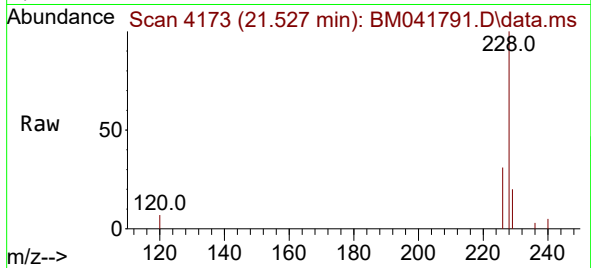




#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. -0.006 min
Lab File: BM041791.D
Acq: 11 Sep 2023 22:39

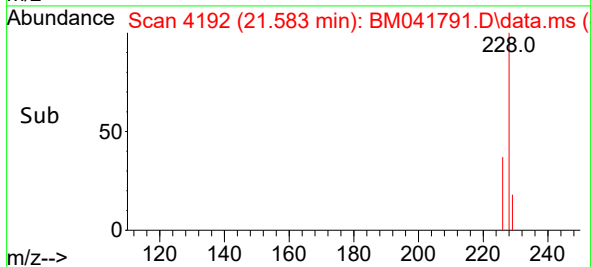
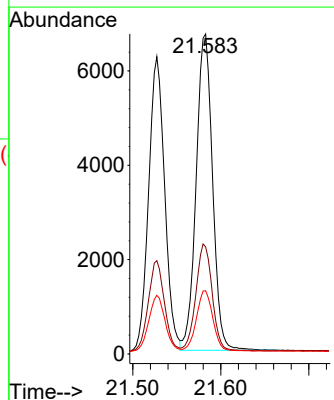
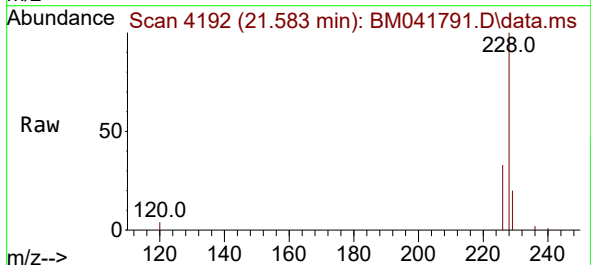
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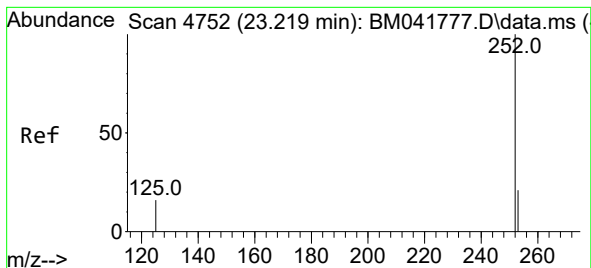
Tgt Ion:228 Resp: 7944
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 31.3 24.8 37.2



#22
Chrysene
Concen: 0.340 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. -0.003 min
Lab File: BM041791.D
Acq: 11 Sep 2023 22:39

Tgt Ion:228 Resp: 8710
Ion Ratio Lower Upper
228 100
226 33.4 27.0 40.6
229 19.7 15.4 23.2





#24

Benzo(b)fluoranthene

Concen: 0.332 ng/ul

RT: 23.217 min Scan# 4751

Delta R.T. -0.009 min

Lab File: BM041791.D

Acq: 11 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

SLCS221

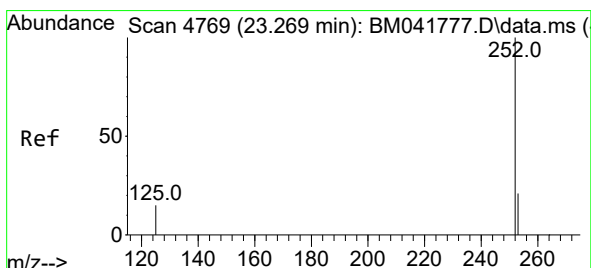
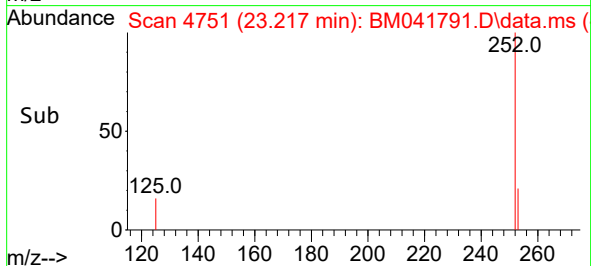
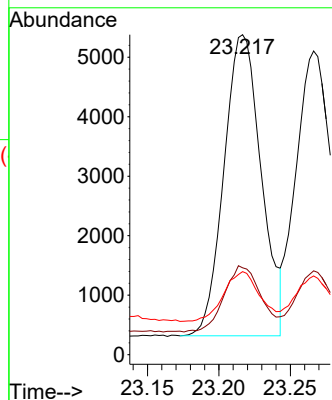
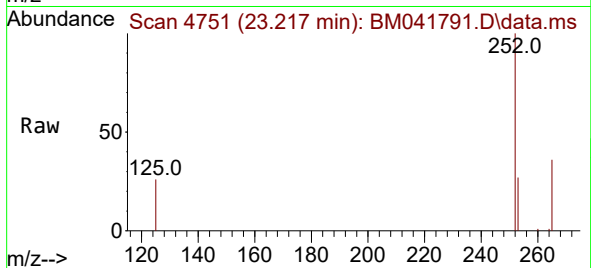
Tgt Ion:252 Resp: 9208

Ion Ratio Lower Upper

252 100

253 27.1 0.0 52.4

125 26.0 0.0 42.8



#25

Benzo(k)fluoranthene

Concen: 0.315 ng/ul

RT: 23.266 min Scan# 4768

Delta R.T. -0.009 min

Lab File: BM041791.D

Acq: 11 Sep 2023 22:39

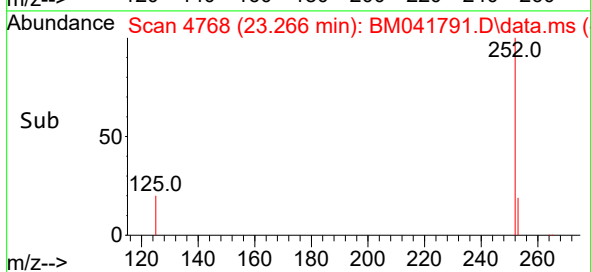
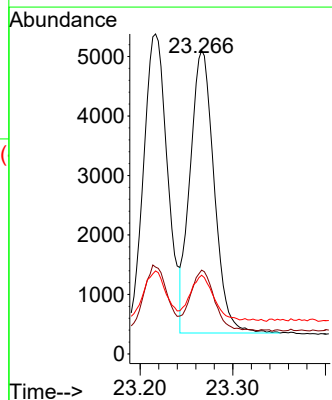
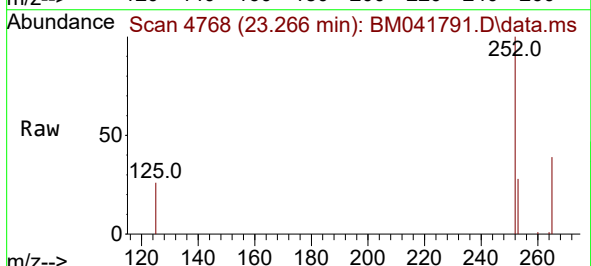
Tgt Ion:252 Resp: 8550

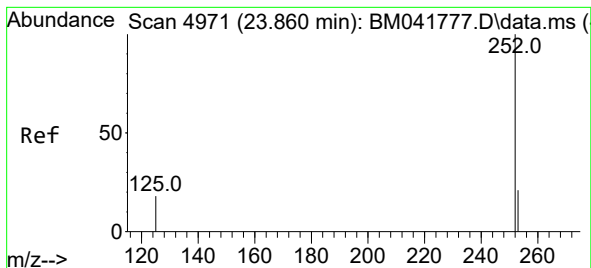
Ion Ratio Lower Upper

252 100

253 27.6 21.3 31.9

125 25.9 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.330 ng/ul

RT: 23.851 min Scan# 4971

Delta R.T. -0.012 min

Lab File: BM041791.D

Acq: 11 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

SLCS221

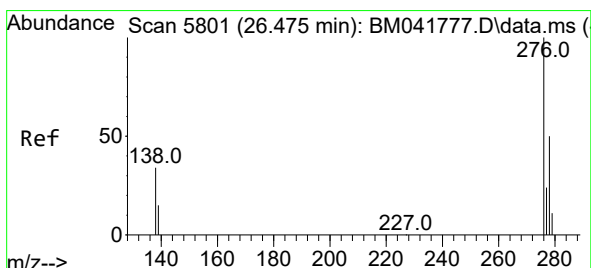
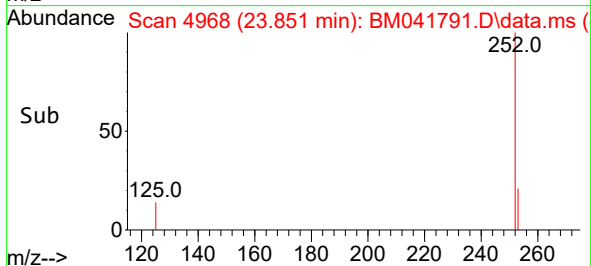
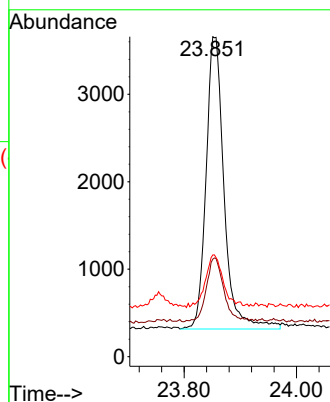
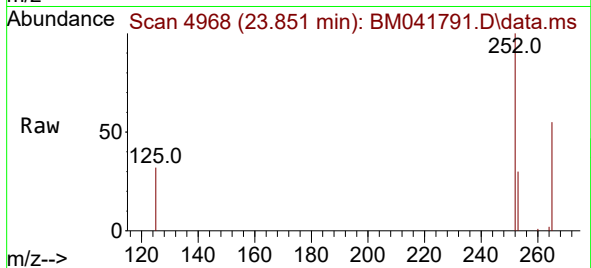
Tgt Ion:252 Resp: 7434

Ion Ratio Lower Upper

252 100

253 30.5 22.4 33.6

125 31.8 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.348 ng/ul

RT: 26.471 min Scan# 5800

Delta R.T. -0.013 min

Lab File: BM041791.D

Acq: 11 Sep 2023 22:39

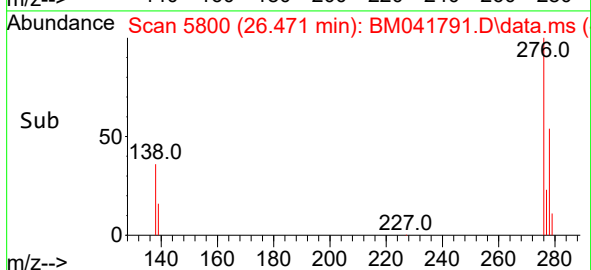
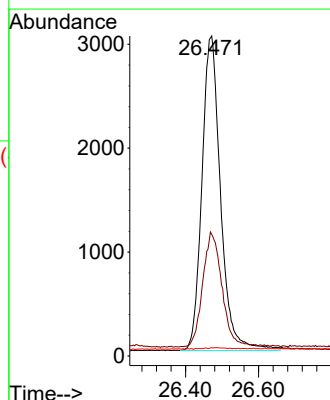
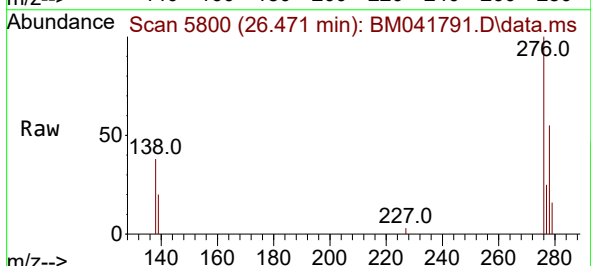
Tgt Ion:276 Resp: 10754

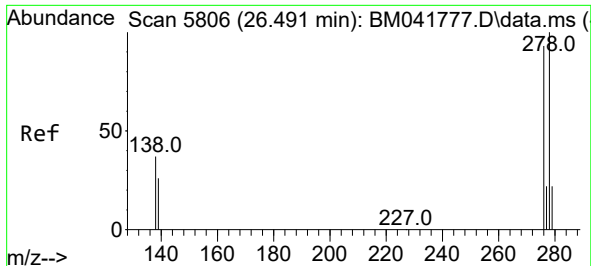
Ion Ratio Lower Upper

276 100

138 37.6 26.4 39.6

227 0.3 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.354 ng/ul

RT: 26.488 min Scan# 5805

Delta R.T. -0.017 min

Lab File: BM041791.D

Acq: 11 Sep 2023 22:39

Instrument :

BNA_M

ClientSampleId :

SLCS221

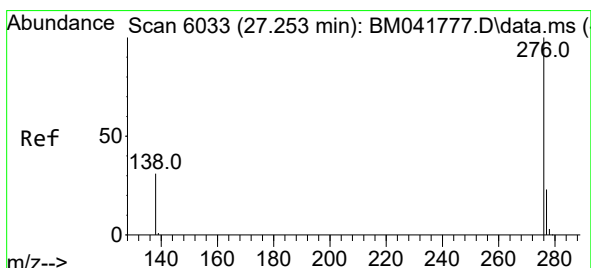
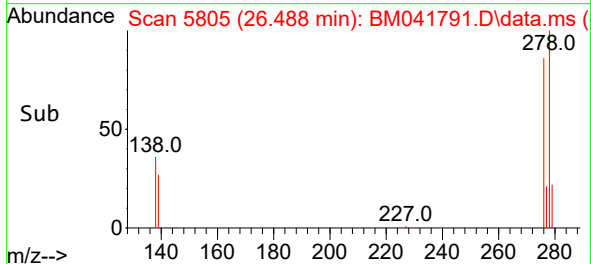
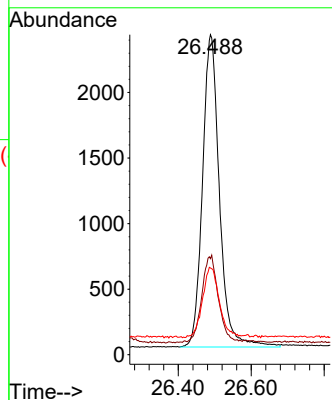
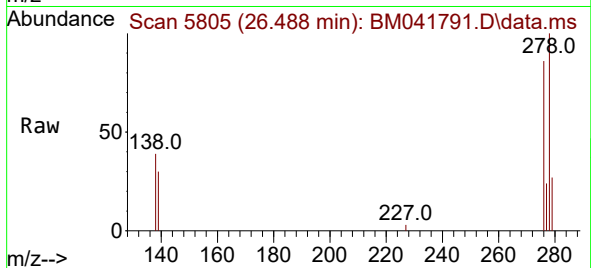
Tgt Ion:278 Resp: 7680

Ion Ratio Lower Upper

278 100

139 30.0 23.0 34.6

279 27.1 22.9 34.3



#29

Benzo(g,h,i)perylene

Concen: 0.347 ng/ul

RT: 27.250 min Scan# 6032

Delta R.T. -0.017 min

Lab File: BM041791.D

Acq: 11 Sep 2023 22:39

Tgt Ion:276 Resp: 9508

Ion Ratio Lower Upper

276 100

138 34.1 25.0 37.4

277 25.5 20.2 30.2

