

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM042020.D
 Acq On : 23 Sep 2023 11:49
 Operator : MA/JU
 Sample : PB155506BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS506

Quant Time: Sep 25 01:04:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

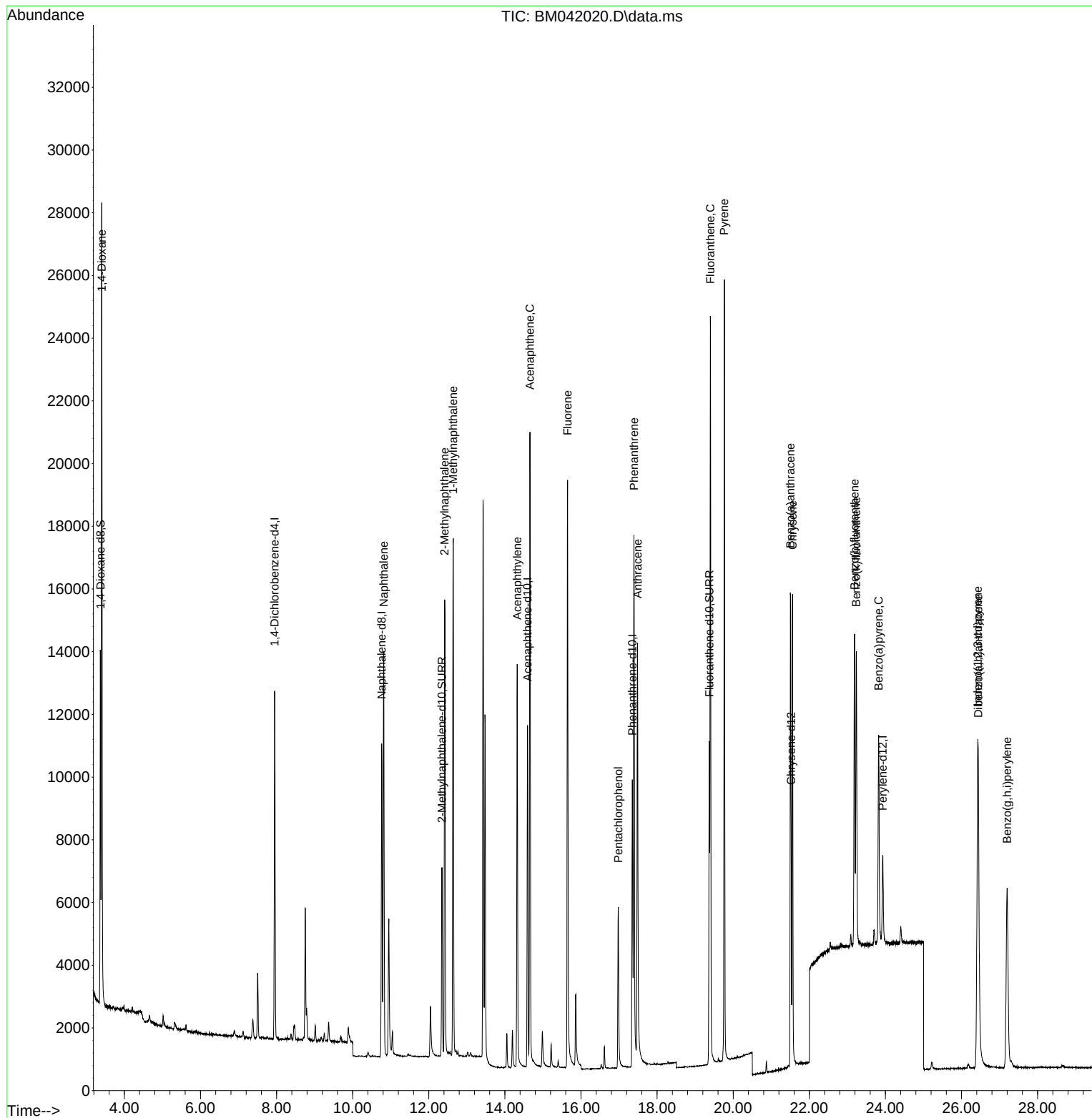
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	5479	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	12852	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	5692	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	10235	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	3815	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	3838	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	6389	0.856	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	7538	0.468	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	8600	0.547	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	15255	1.942	ng/ul#	87
5) Naphthalene	10.818	128	17893	0.416	ng/ul	100
7) 2-Methylnaphthalene	12.418	142	10544	0.411	ng/ul	99
8) 1-Methylnaphthalene	12.643	142	11341	0.435	ng/ul	99
10) Acenaphthylene	14.324	152	15465	0.405	ng/ul	99
11) Acenaphthene	14.657	153	12011	0.411	ng/ul	99
12) Fluorene	15.647	166	13124	0.398	ng/ul	98
14) Pentachlorophenol	16.978	266	3752	0.693	ng/ul	99
15) Phenanthrene	17.392	178	19476	0.410	ng/ul	99
16) Anthracene	17.485	178	17003	0.415	ng/ul	99
19) Fluoranthene	19.403	202	19632	0.455	ng/ul	99
20) Pyrene	19.766	202	19797	0.467	ng/ul	99
21) Benzo(a)anthracene	21.504	228	12418	0.429	ng/ul	99
22) Chrysene	21.559	228	12965	0.434	ng/ul	100
24) Benzo(b)fluoranthene	23.187	252	12746	0.431	ng/ul	96
25) Benzo(k)fluoranthene	23.237	252	12357	0.430	ng/ul	95
26) Benzo(a)pyrene	23.822	252	10849	0.447	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.424	276	15051	0.451	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.441	278	10697	0.444	ng/ul	99
29) Benzo(g,h,i)perylene	27.199	276	12799	0.456	ng/ul	98

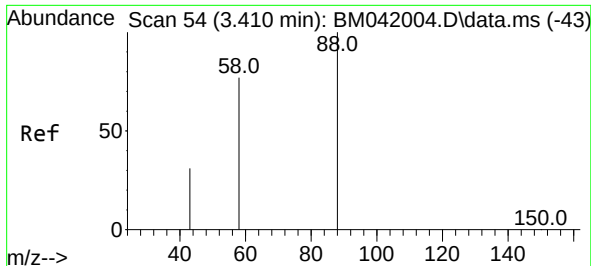
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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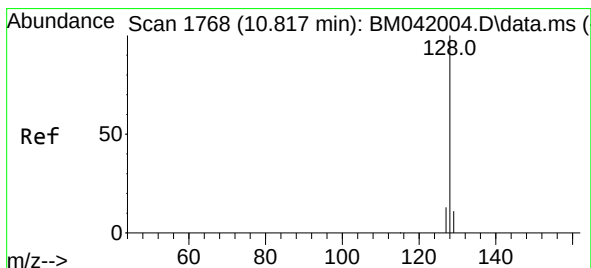
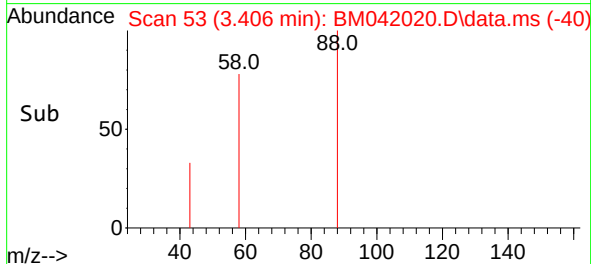
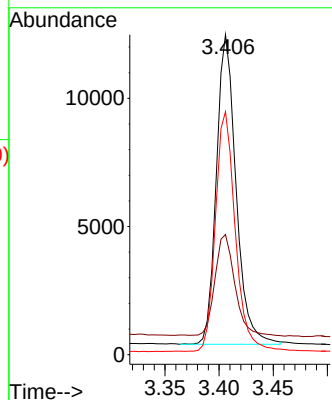
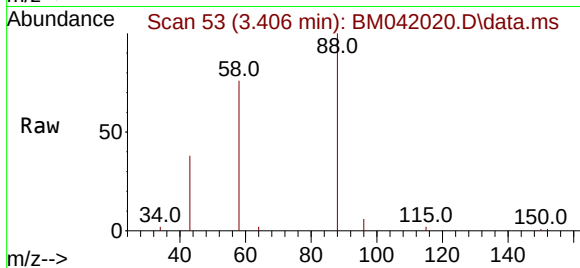




#2
 1,4-Dioxane
 Concen: 1.942 ng/ul
 RT: 3.406 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BM042020.D
 Acq: 23 Sep 2023 11:49

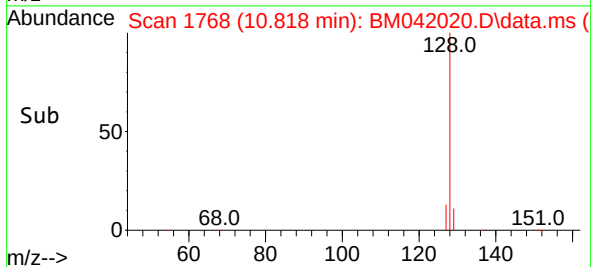
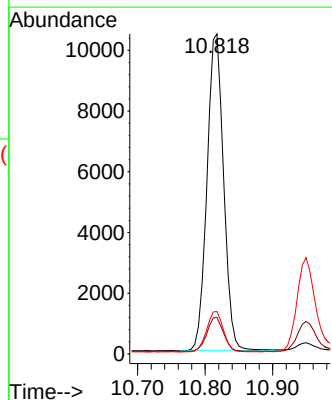
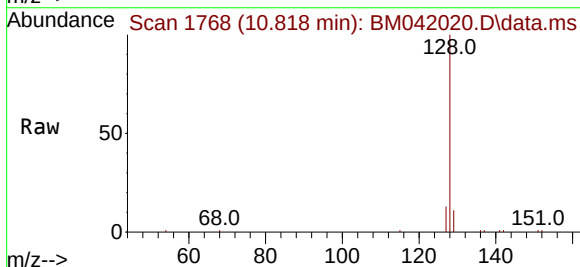
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 BNA_M
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 SLCS506

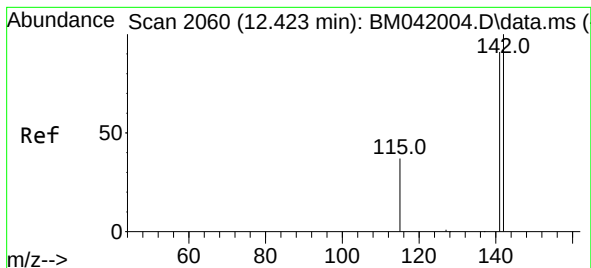
Tgt Ion: 88 Resp: 15255
 Ion Ratio Lower Upper
 88 100
 43 37.5 42.9 64.3#
 58 76.0 56.4 84.6



#5
 Naphthalene
 Concen: 0.416 ng/ul
 RT: 10.818 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: BM042020.D
 Acq: 23 Sep 2023 11:49

Tgt Ion: 128 Resp: 17893
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.2 13.8
 127 13.2 10.8 16.2

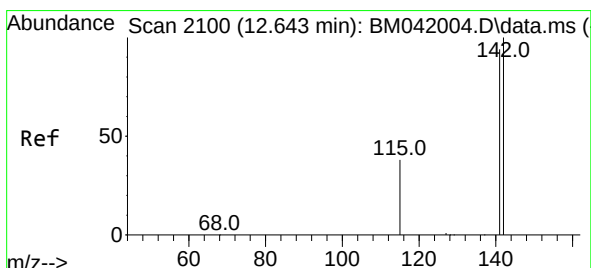
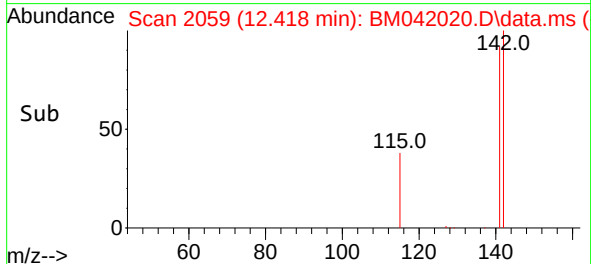
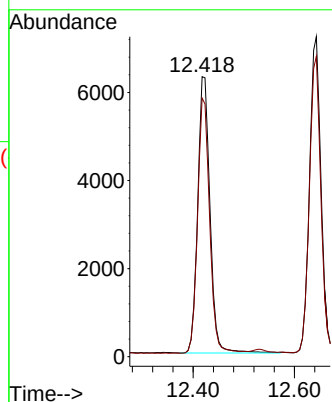
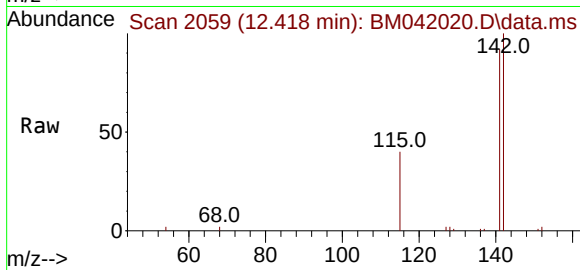




#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

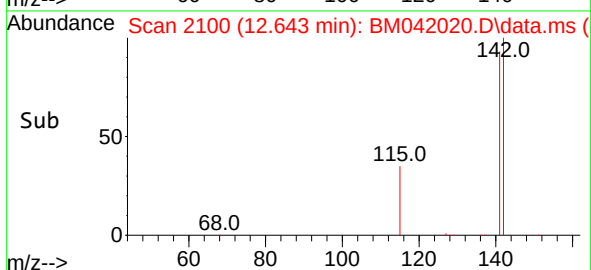
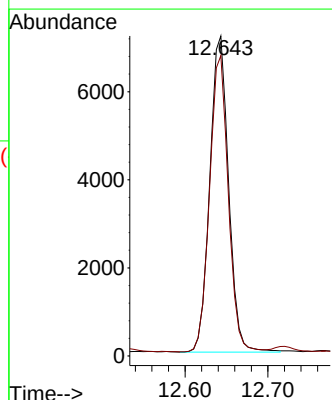
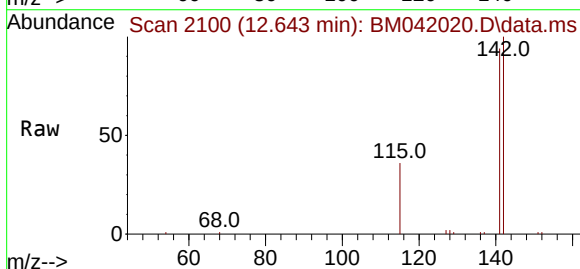
Instrument :
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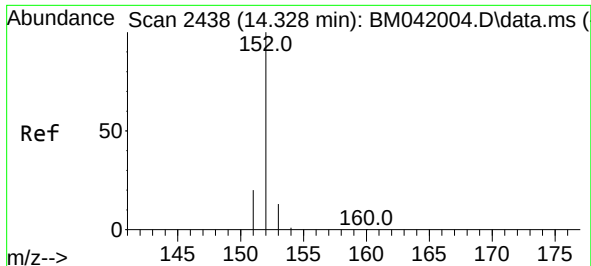
Tgt Ion:142 Resp: 10544
Ion Ratio Lower Upper
142 100
141 90.6 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:142 Resp: 11341
Ion Ratio Lower Upper
142 100
141 93.2 75.1 112.7

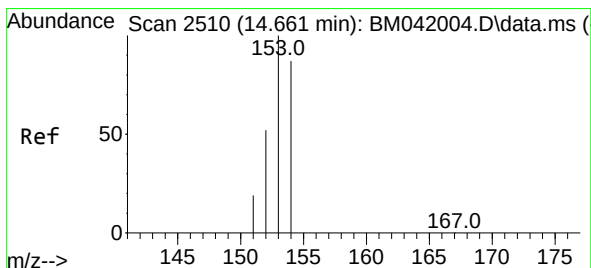
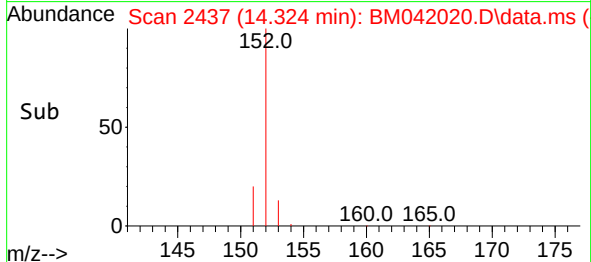
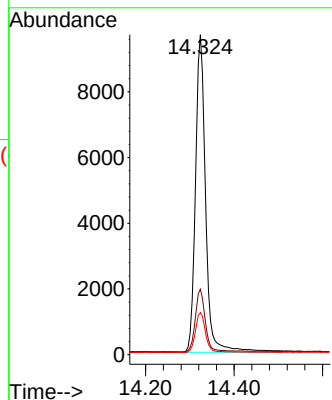
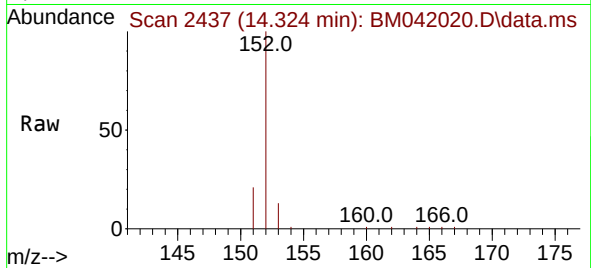




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.324 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

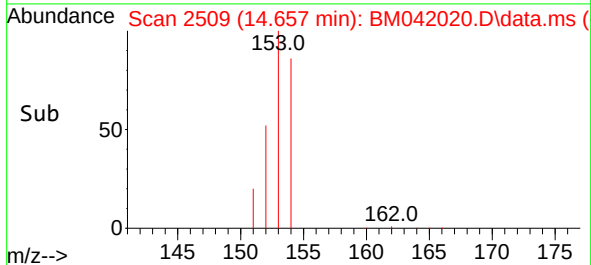
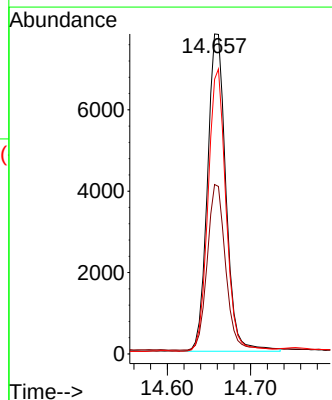
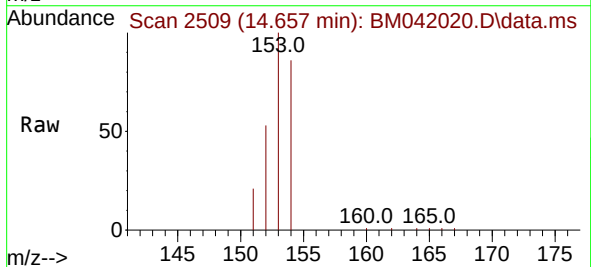
Instrument :
BNA_M
ClientSampleId :
SLCS506

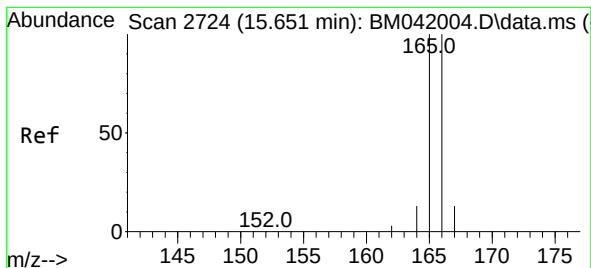
Tgt Ion:152 Resp: 15465
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.2 10.8 16.2



#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:153 Resp: 12011
Ion Ratio Lower Upper
153 100
152 53.0 41.8 62.8
154 85.9 69.0 103.6





#12

Fluorene

Concen: 0.398 ng/ul

RT: 15.647 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM042020.D

Acq: 23 Sep 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SLCS506

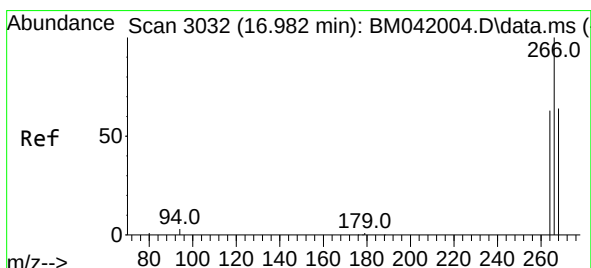
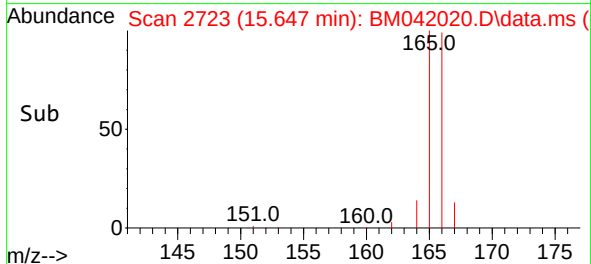
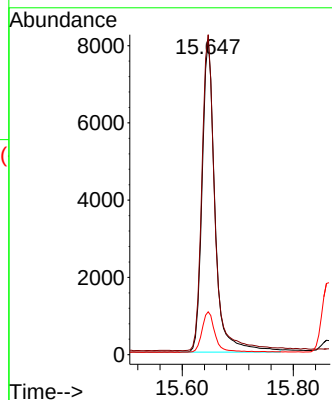
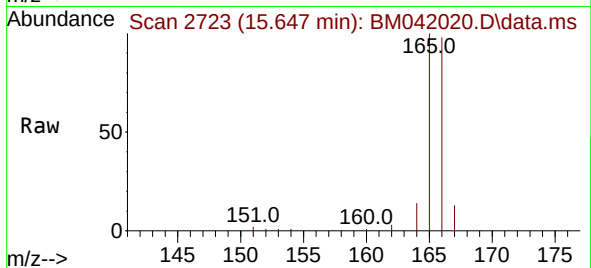
Tgt Ion:166 Resp: 13124

Ion Ratio Lower Upper

166 100

165 101.6 79.8 119.8

167 13.6 11.1 16.7



#14

Pentachlorophenol

Concen: 0.693 ng/ul

RT: 16.978 min Scan# 3031

Delta R.T. -0.004 min

Lab File: BM042020.D

Acq: 23 Sep 2023 11:49

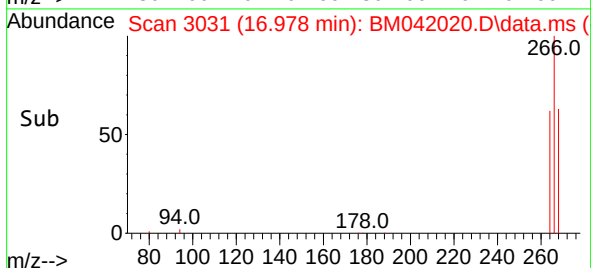
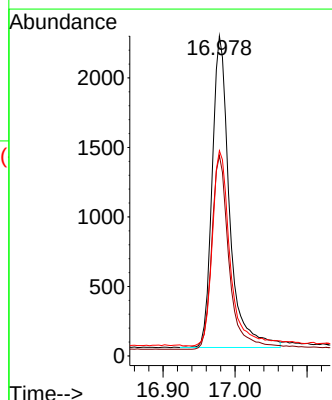
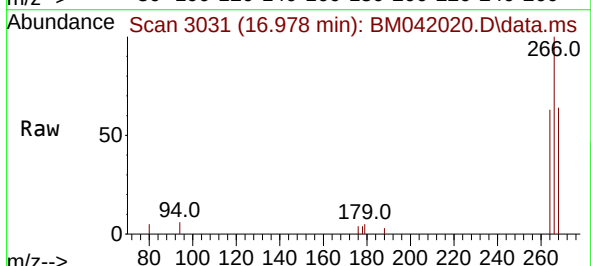
Tgt Ion:266 Resp: 3752

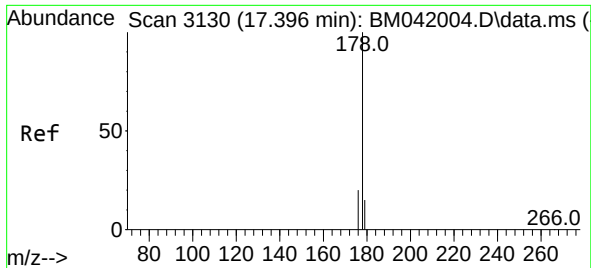
Ion Ratio Lower Upper

266 100

264 62.4 50.2 75.4

268 64.6 51.0 76.4

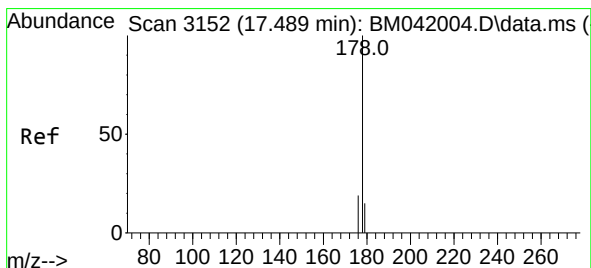
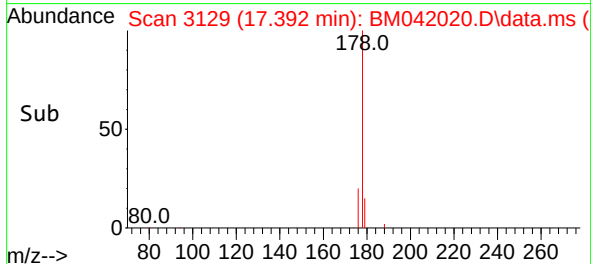
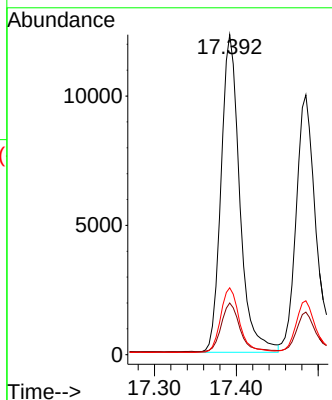
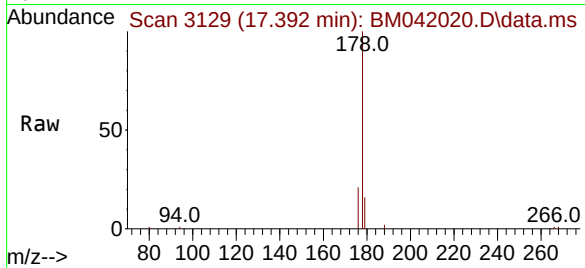




#15
Phenanthrene
Concen: 0.410 ng/ul
RT: 17.392 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

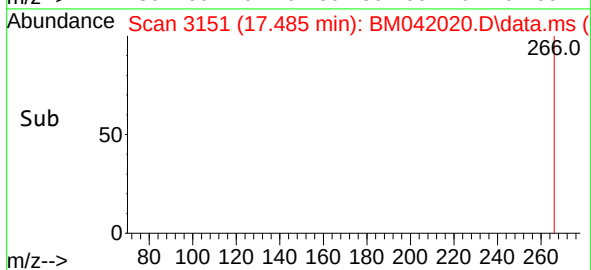
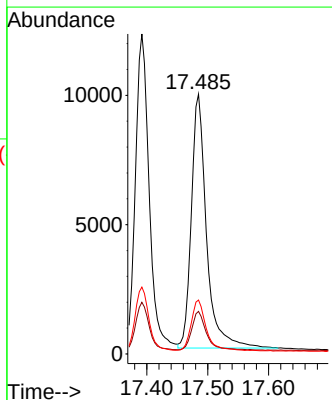
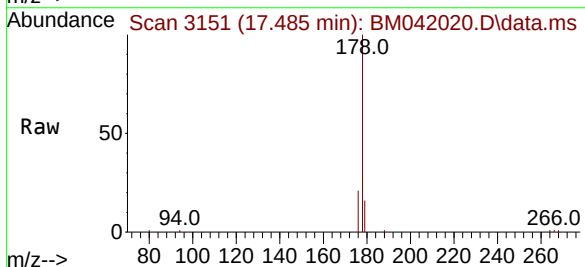
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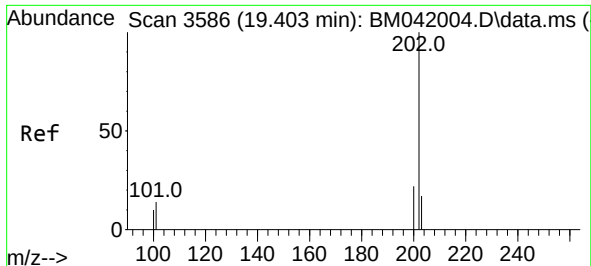
Tgt Ion:178 Resp: 19476
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 20.9 16.6 24.8



#16
Anthracene
Concen: 0.415 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:178 Resp: 17003
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 20.7 16.2 24.2

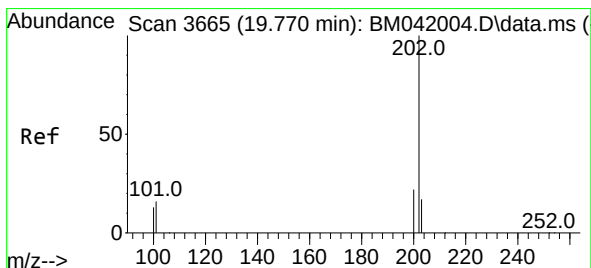
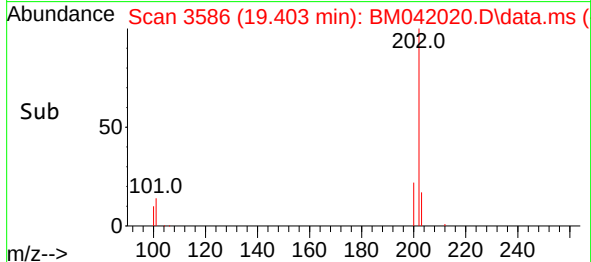
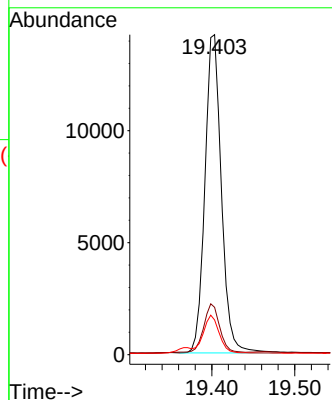
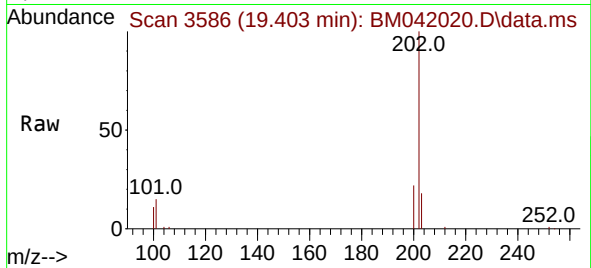




#19
Fluoranthene
Concen: 0.455 ng/ul
RT: 19.403 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

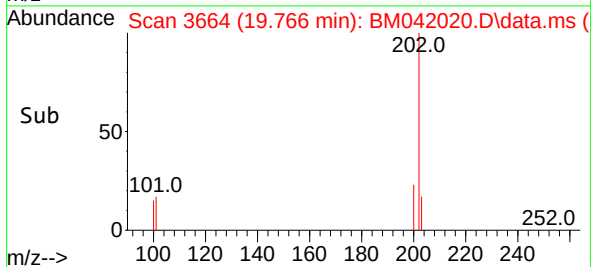
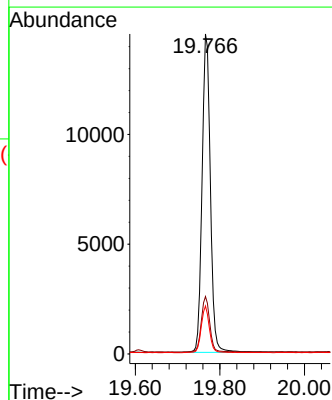
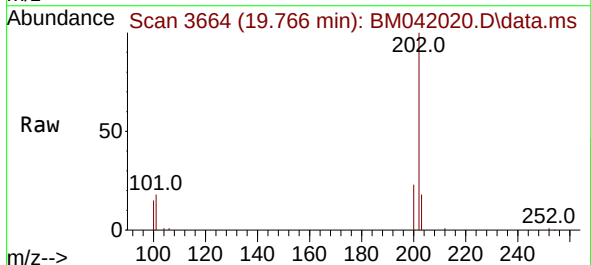
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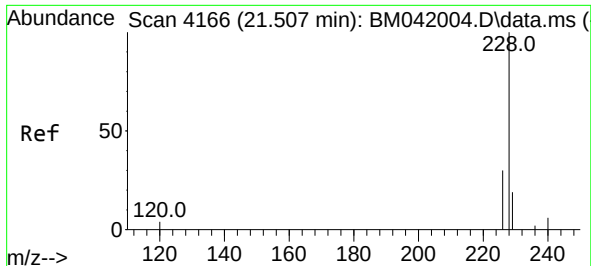
Tgt Ion:202 Resp: 19632
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 10.9 9.1 13.7



#20
Pyrene
Concen: 0.467 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:202 Resp: 19797
Ion Ratio Lower Upper
202 100
101 17.9 14.1 21.1
100 15.0 11.4 17.0

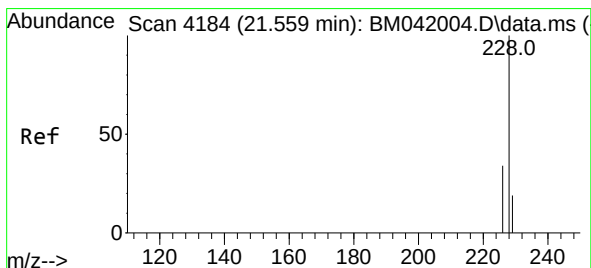
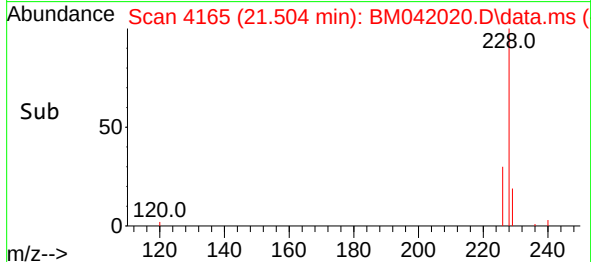
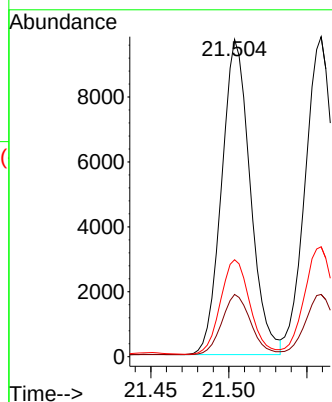
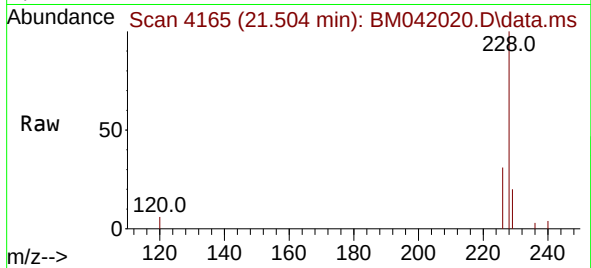




#21
Benzo(a)anthracene
Concen: 0.429 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

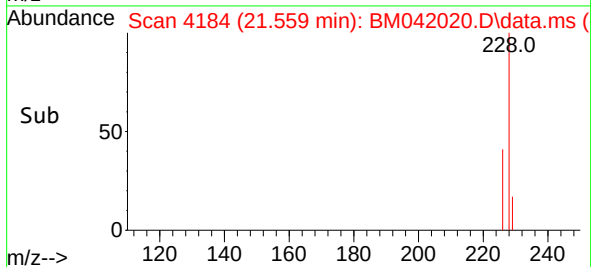
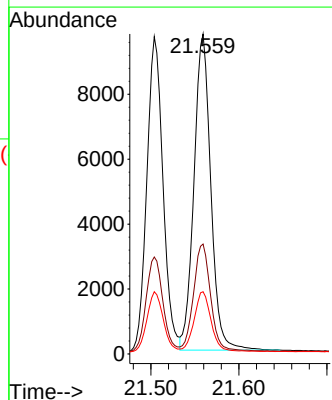
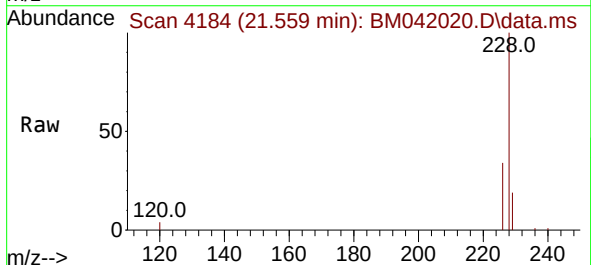
Instrument :
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ClientSampleId :
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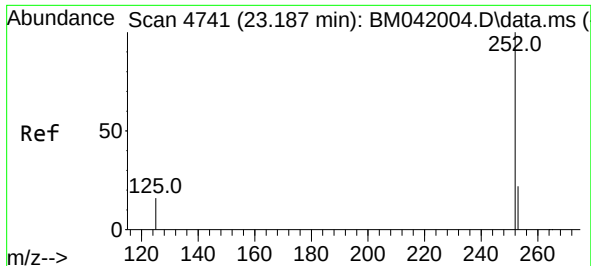
Tgt Ion:228 Resp: 12418
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 30.5 24.8 37.2



#22
Chrysene
Concen: 0.434 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:228 Resp: 12965
Ion Ratio Lower Upper
228 100
226 34.3 27.8 41.6
229 19.4 15.6 23.4

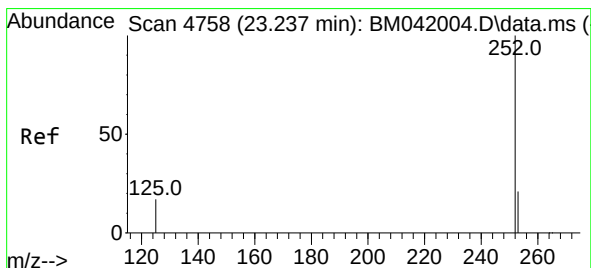
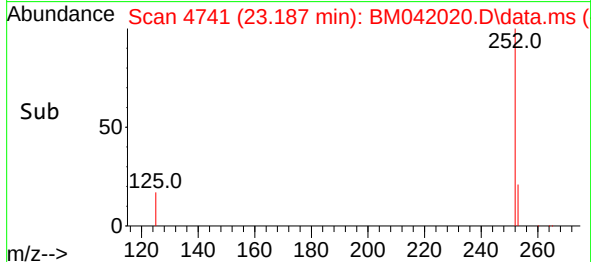
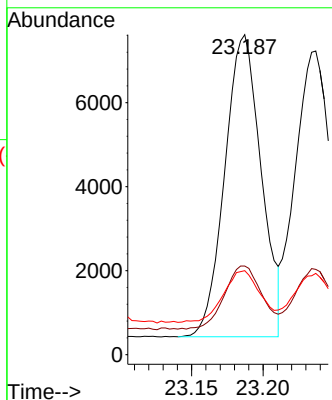
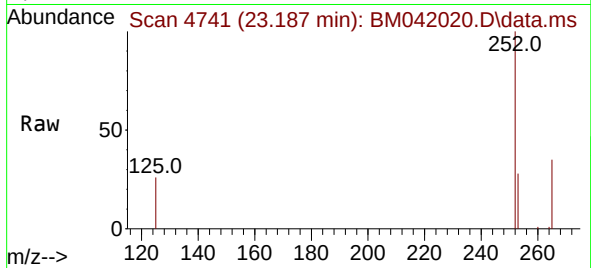




#24
Benzo(b)fluoranthene
Concen: 0.431 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

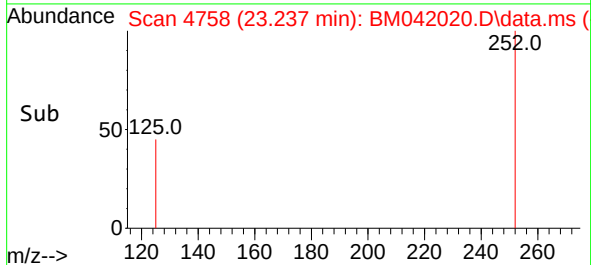
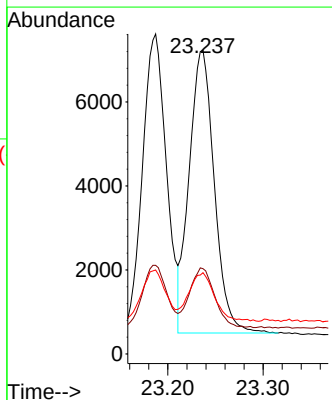
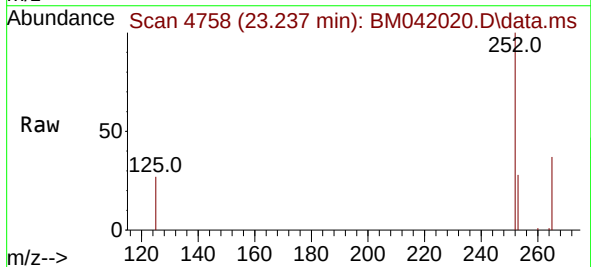
Instrument :
BNA_M
ClientSampleId :
SLCS506

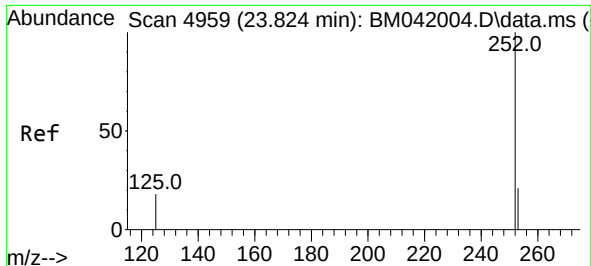
Tgt Ion:252 Resp: 12746
Ion Ratio Lower Upper
252 100
253 27.7 0.0 54.4
125 26.2 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 23.237 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:252 Resp: 12357
Ion Ratio Lower Upper
252 100
253 28.1 21.0 31.6
125 26.8 19.0 28.6

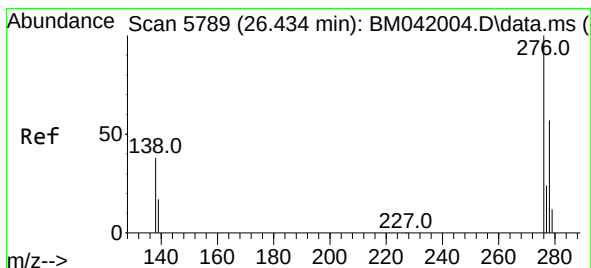
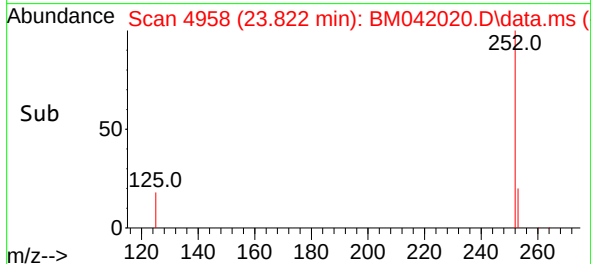
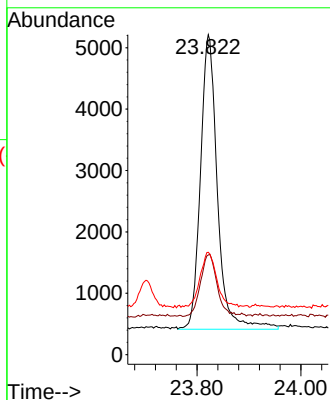
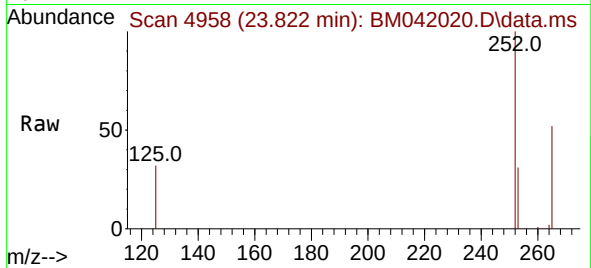




#26
Benzo(a)pyrene
Concen: 0.447 ng/ul
RT: 23.822 min Scan# 4958
Delta R.T. -0.006 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

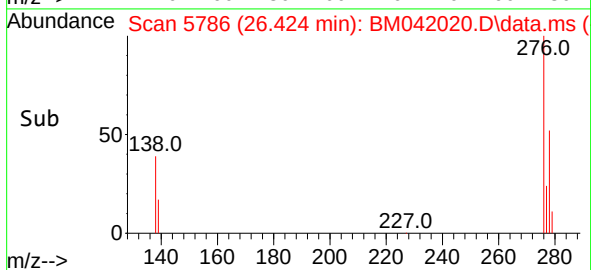
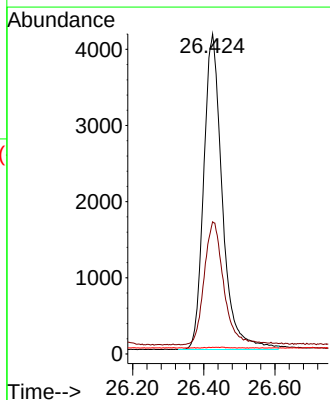
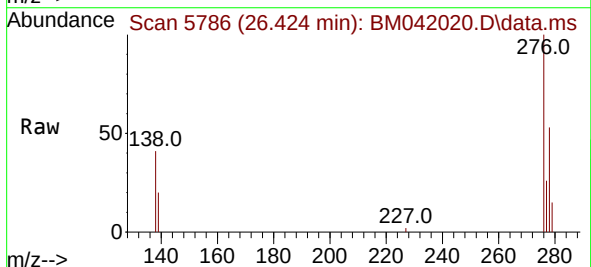
Instrument :
BNA_M
ClientSampleId :
SLCS506

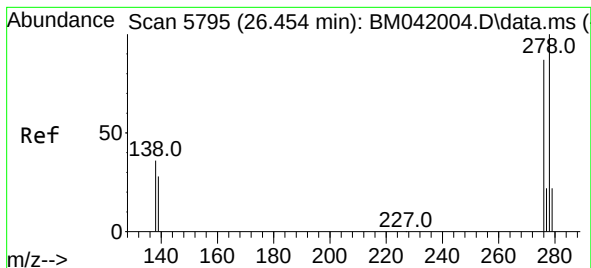
Tgt Ion:252 Resp: 10849
Ion Ratio Lower Upper
252 100
253 31.2 23.2 34.8
125 32.0 22.5 33.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng/ul
RT: 26.424 min Scan# 5786
Delta R.T. -0.007 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:276 Resp: 15051
Ion Ratio Lower Upper
276 100
138 41.0 32.1 48.1
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.444 ng/ul

RT: 26.441 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM042020.D

Acq: 23 Sep 2023 11:49

Instrument :

BNA_M

ClientSampleId :

SLCS506

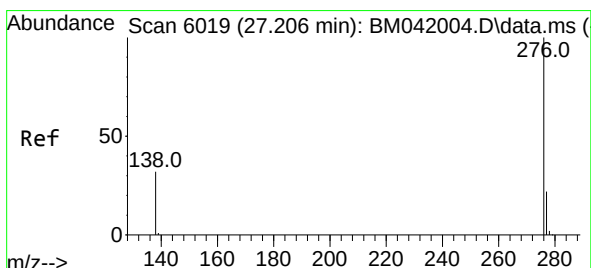
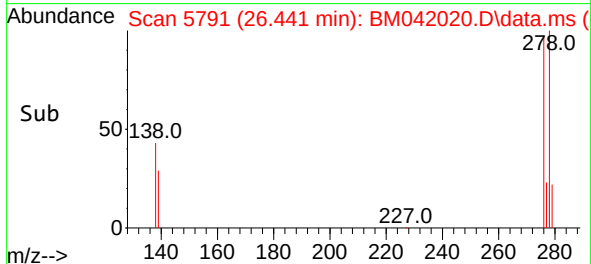
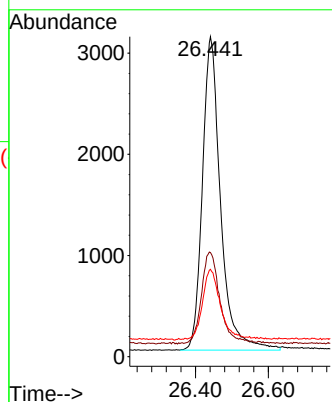
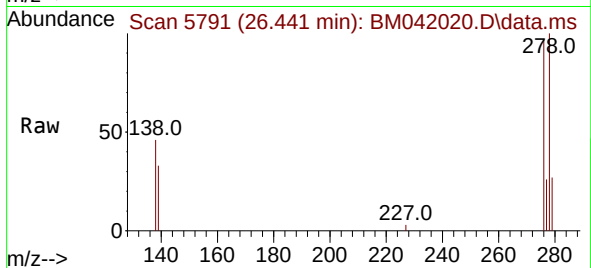
Tgt Ion:278 Resp: 10697

Ion Ratio Lower Upper

278 100

139 32.5 25.0 37.6

279 27.3 21.7 32.5



#29

Benzo(g,h,i)perylene

Concen: 0.456 ng/ul

RT: 27.199 min Scan# 6017

Delta R.T. -0.010 min

Lab File: BM042020.D

Acq: 23 Sep 2023 11:49

Tgt Ion:276 Resp: 12799

Ion Ratio Lower Upper

276 100

138 38.3 29.0 43.4

277 24.7 19.6 29.4

