

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044200.D
 Acq On : 20 Feb 2024 11:19
 Operator : MA/JU
 Sample : PB159065BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS065

Quant Time: Feb 20 12:29:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

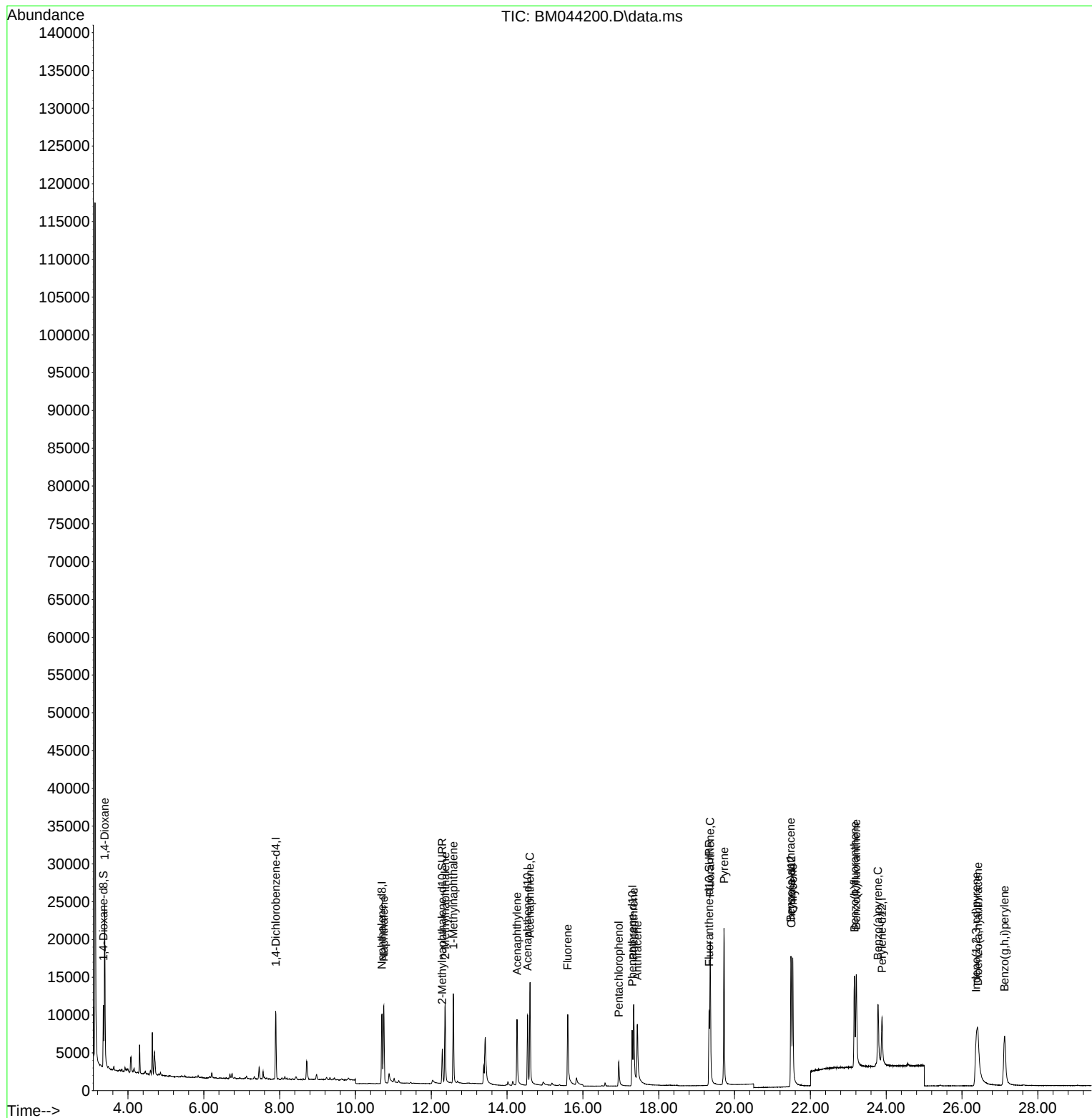
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	4637	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	13222	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.538	164	5778	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	11986	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	9514	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264	10611	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	4960	0.755	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	6877	0.371	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	12519	0.441	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	13765	2.097	ng/ul#	77
5) Naphthalene	10.749	128	14937	0.380	ng/ul	100
7) 2-Methylnaphthalene	12.365	142	8625	0.356	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	8816	0.359	ng/ul	100
10) Acenaphthylene	14.261	152	12725	0.401	ng/ul	99
11) Acenaphthene	14.603	153	8904	0.387	ng/ul	99
12) Fluorene	15.598	166	9284	0.358	ng/ul	99
14) Pentachlorophenol	16.946	266	3208	0.747	ng/ul	98
15) Phenanthrene	17.339	178	14662	0.386	ng/ul	99
16) Anthracene	17.436	178	15486	0.412	ng/ul	98
19) Fluoranthene	19.359	202	18511	0.427	ng/ul	98
20) Pyrene	19.721	202	19398	0.425	ng/ul	98
21) Benzo(a)anthracene	21.482	228	15362	0.353	ng/ul	99
22) Chrysene	21.535	228	19506	0.415	ng/ul	100
24) Benzo(b)fluoranthene	23.162	252	17227	0.393	ng/ul	97
25) Benzo(k)fluoranthene	23.209	252	20162	0.424	ng/ul	96
26) Benzo(a)pyrene	23.782	252	16053	0.394	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.373	276	19738	0.381	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.420	278	15534	0.381	ng/ul	95
29) Benzo(g,h,i)perylene	27.121	276	17888	0.390	ng/ul	98

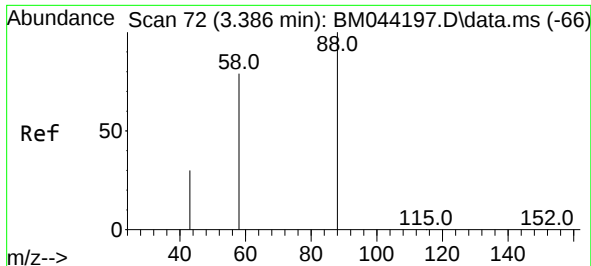
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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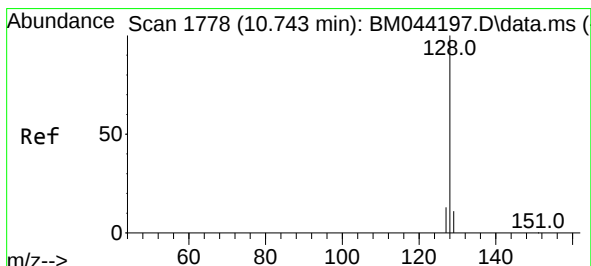
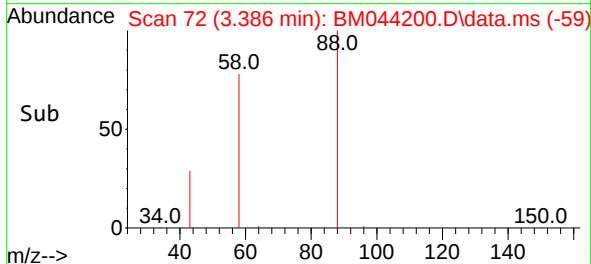
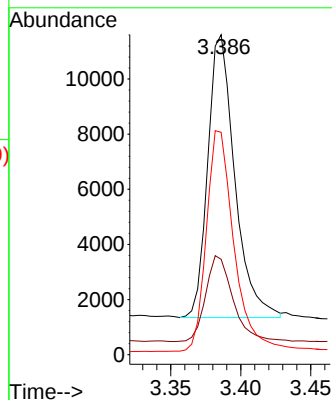
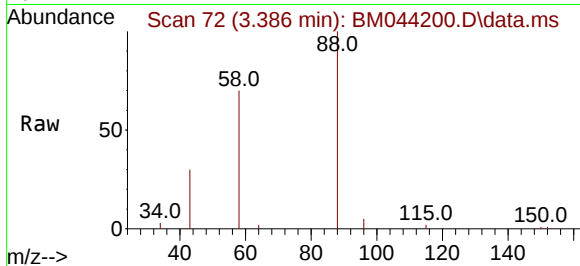




#2
1,4-Dioxane
Concen: 2.097 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

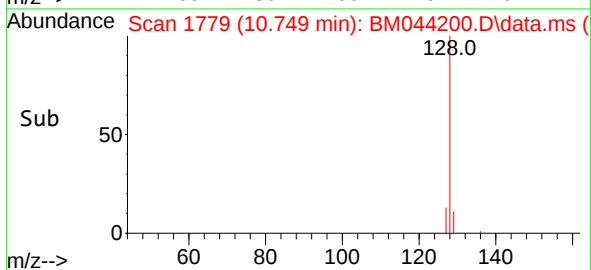
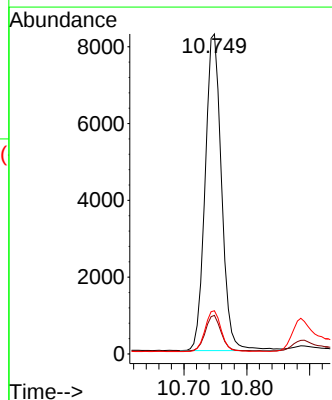
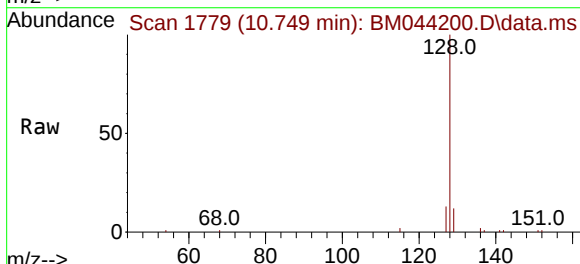
Instrument :
BNA_M
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SLCS065

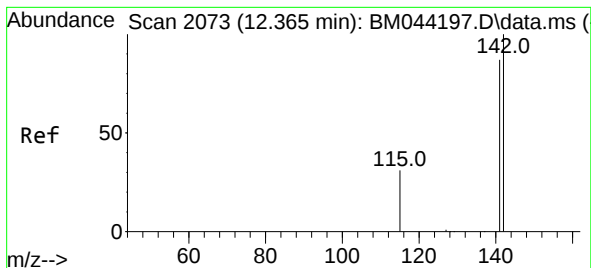
Tgt Ion: 88 Resp: 13765
Ion Ratio Lower Upper
88 100
43 29.8 32.2 48.2#
58 69.5 40.6 60.8#



#5
Naphthalene
Concen: 0.380 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

Tgt Ion: 128 Resp: 14937
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 13.5 10.7 16.1

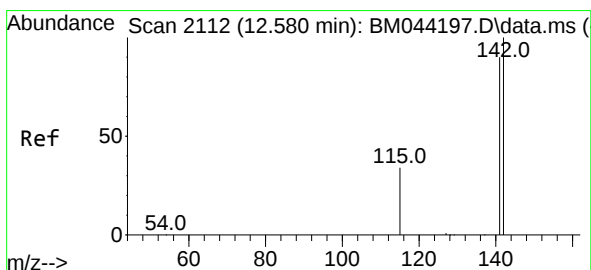
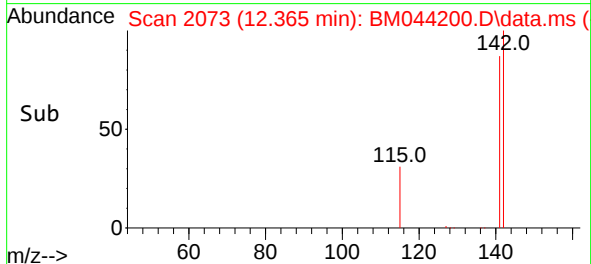
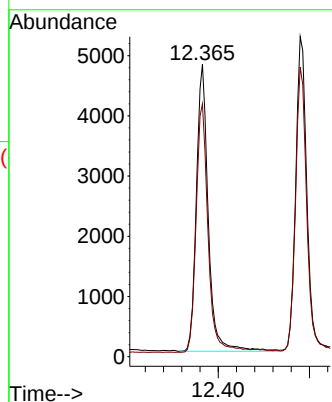
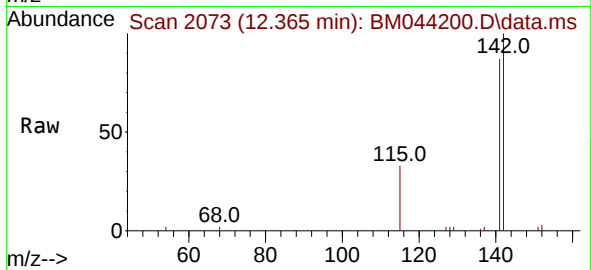




#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

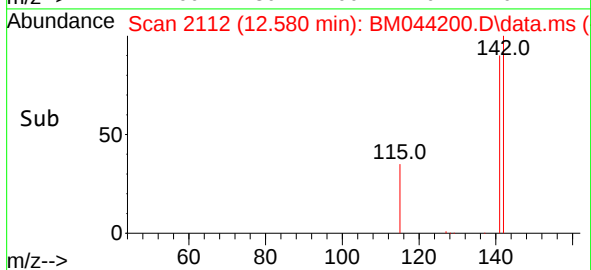
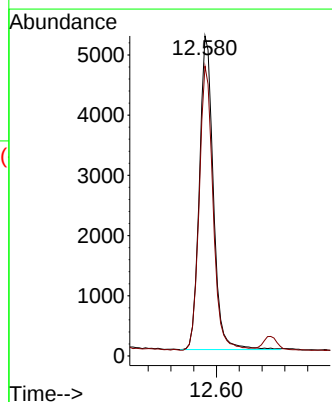
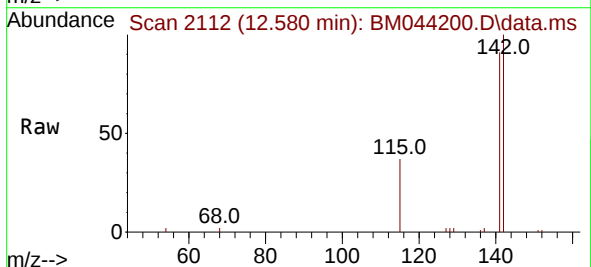
Instrument :
BNA_M
ClientSampleId :
SLCS065

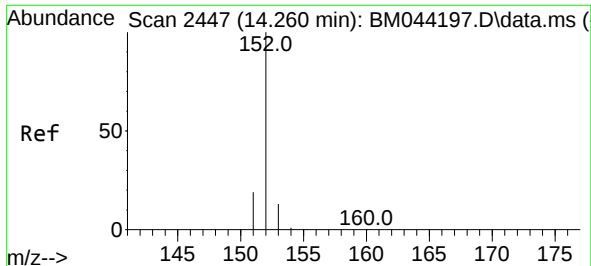
Tgt Ion:142 Resp: 8625
Ion Ratio Lower Upper
142 100
141 89.0 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

Tgt Ion:142 Resp: 8816
Ion Ratio Lower Upper
142 100
141 90.7 72.5 108.7

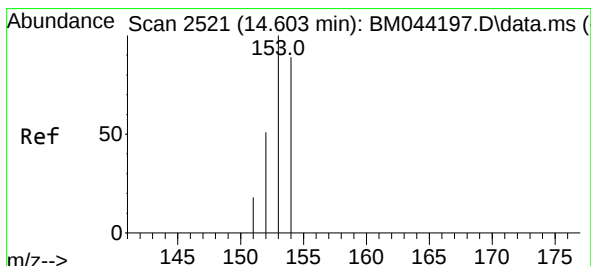
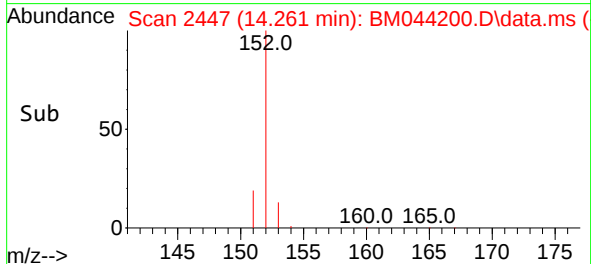
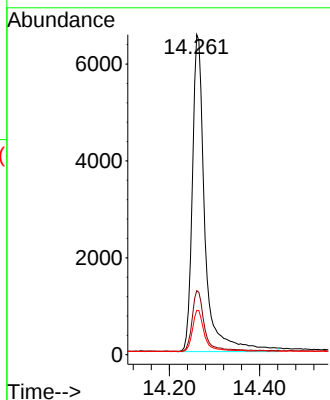
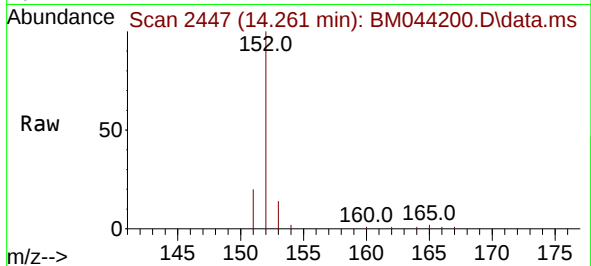




#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 14.261 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

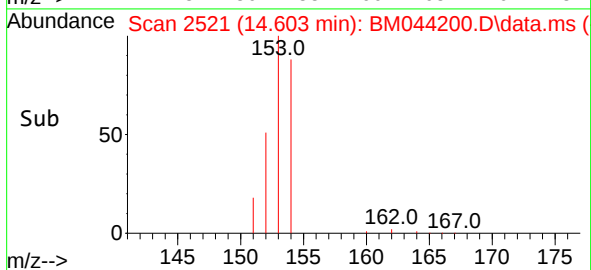
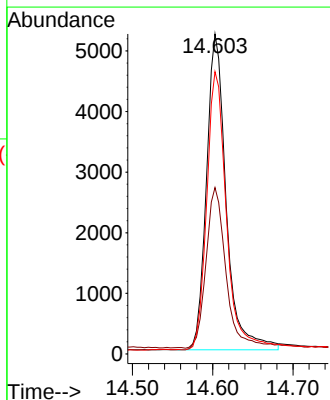
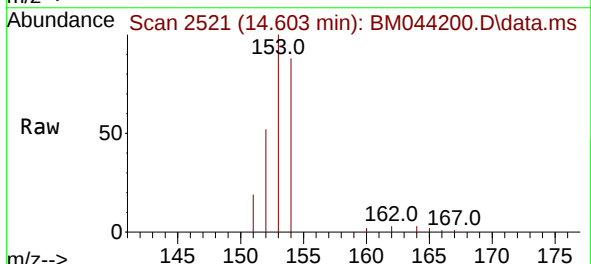
Instrument :
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ClientSampleId :
SLCS065

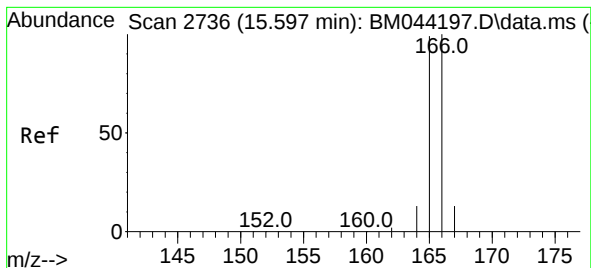
Tgt Ion:152 Resp: 12725
Ion Ratio Lower Upper
152 100
151 20.0 15.5 23.3
153 13.9 10.8 16.2



#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.603 min Scan# 2521
Delta R.T. -0.004 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

Tgt Ion:153 Resp: 8904
Ion Ratio Lower Upper
153 100
152 52.0 40.6 61.0
154 88.2 70.1 105.1





#12

Fluorene

Concen: 0.358 ng/ul

RT: 15.598 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM044200.D

Acq: 20 Feb 2024 11:19

Instrument :

BNA_M

ClientSampleId :

SLCS065

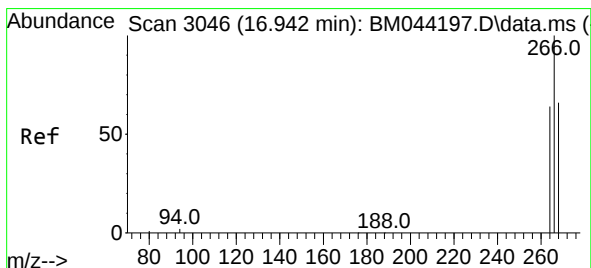
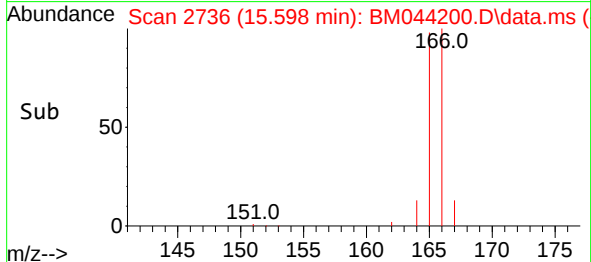
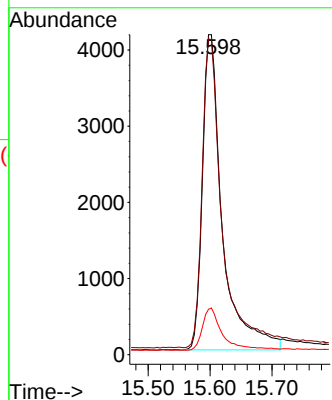
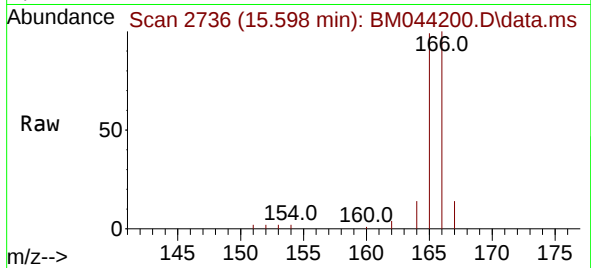
Tgt Ion:166 Resp: 9284

Ion Ratio Lower Upper

166 100

165 98.7 79.8 119.6

167 14.2 11.1 16.7



#14

Pentachlorophenol

Concen: 0.747 ng/ul

RT: 16.946 min Scan# 3047

Delta R.T. 0.000 min

Lab File: BM044200.D

Acq: 20 Feb 2024 11:19

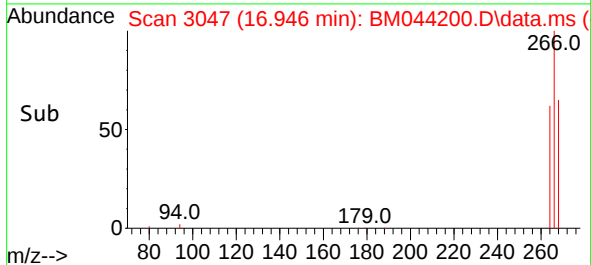
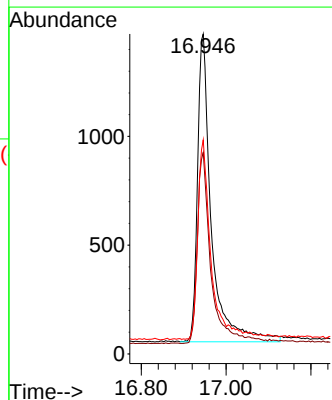
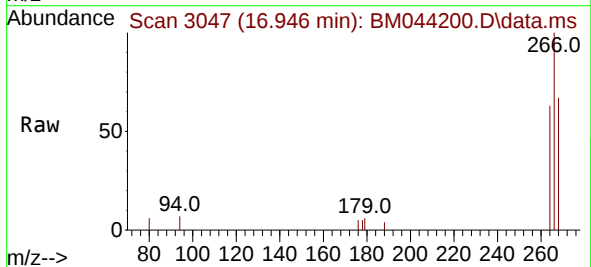
Tgt Ion:266 Resp: 3208

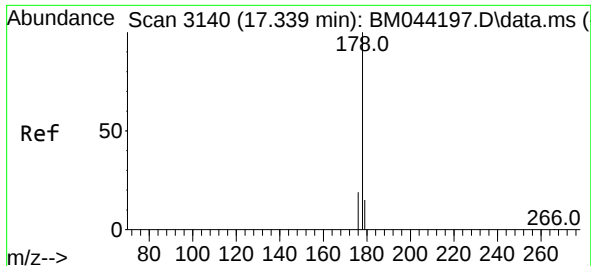
Ion Ratio Lower Upper

266 100

264 60.9 49.4 74.0

268 63.4 52.1 78.1

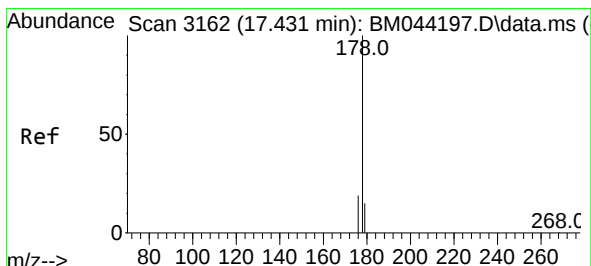
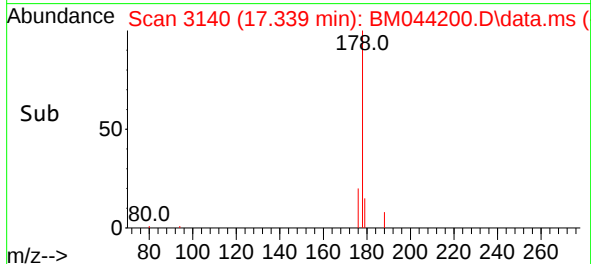
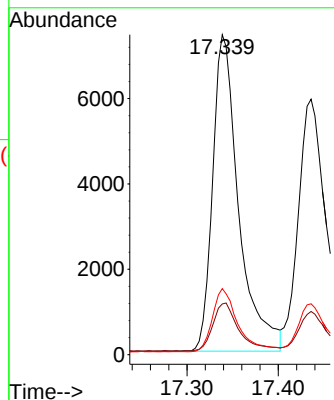
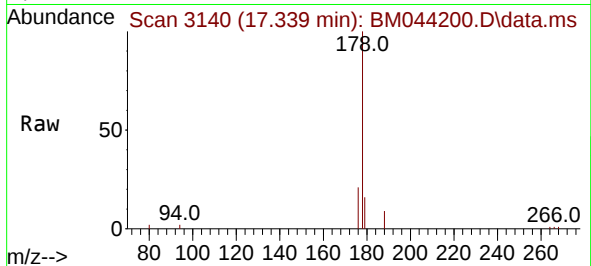




#15
Phenanthrene
Concen: 0.386 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

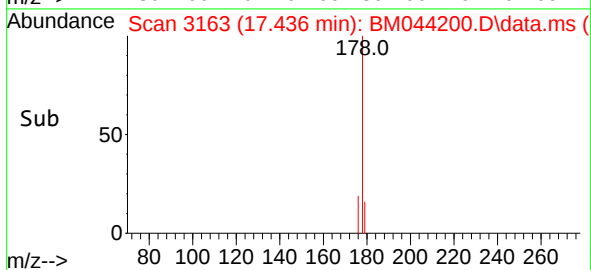
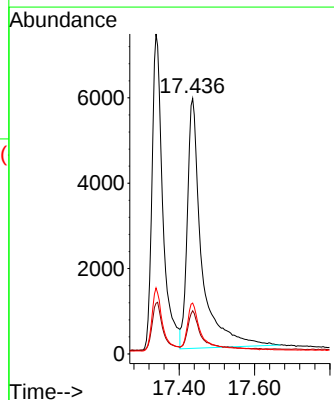
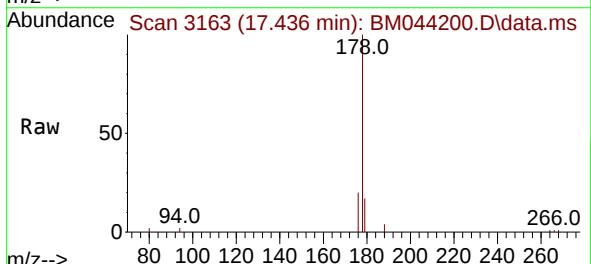
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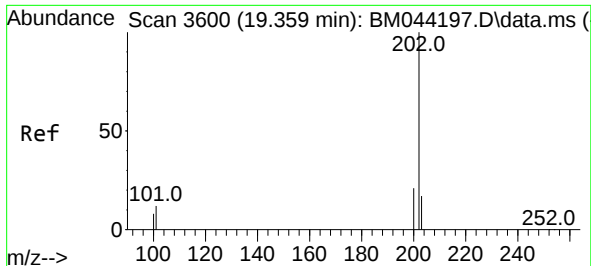
Tgt Ion:178 Resp: 14662
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 20.6 16.0 24.0



#16
Anthracene
Concen: 0.412 ng/u1
RT: 17.436 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

Tgt Ion:178 Resp: 15486
Ion Ratio Lower Upper
178 100
179 16.9 12.8 19.2
176 19.9 15.3 22.9

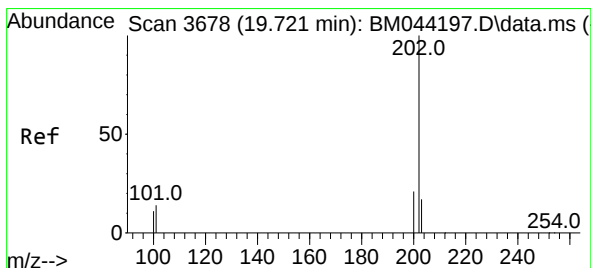
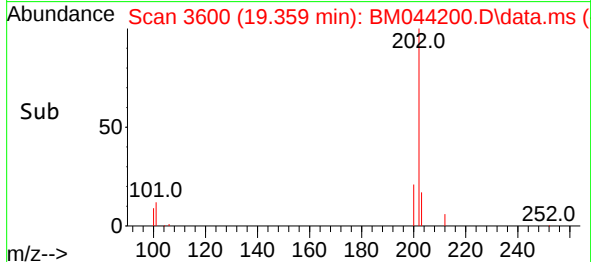
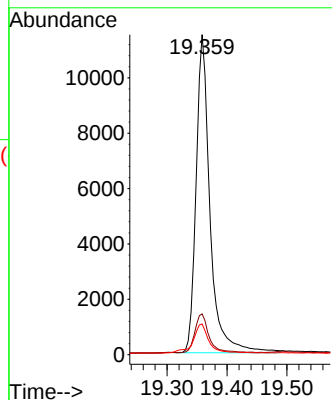
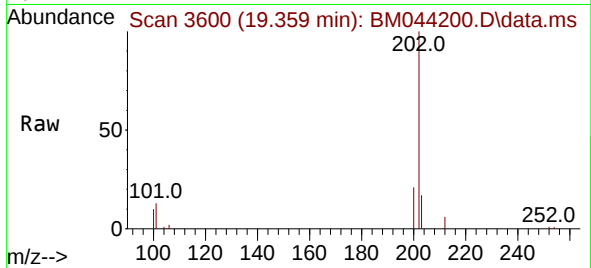




#19
Fluoranthene
Concen: 0.427 ng/ul
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

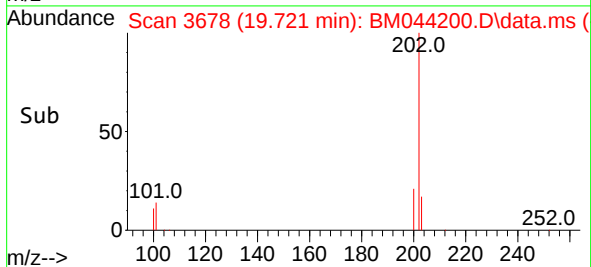
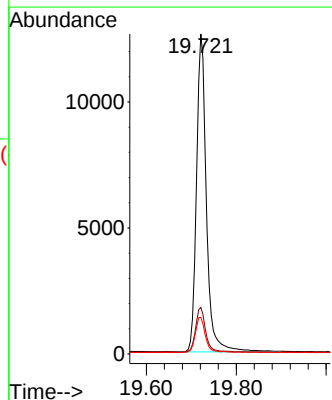
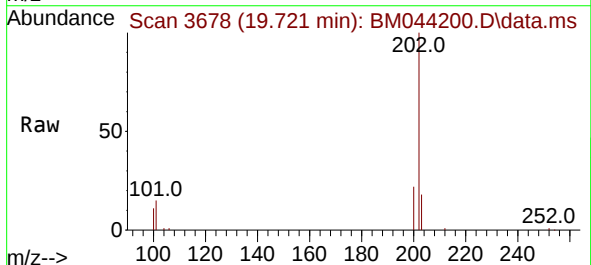
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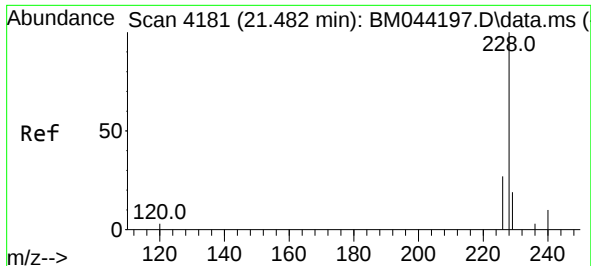
Tgt Ion:202 Resp: 18511
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.6
100 9.6 7.0 10.4



#20
Pyrene
Concen: 0.425 ng/ul
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

Tgt Ion:202 Resp: 19398
Ion Ratio Lower Upper
202 100
101 14.6 11.2 16.8
100 11.5 8.6 13.0

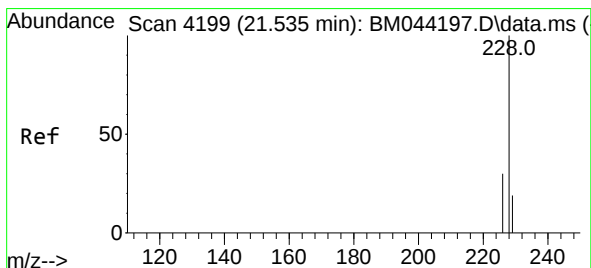
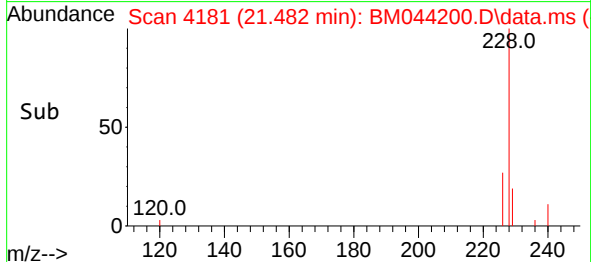
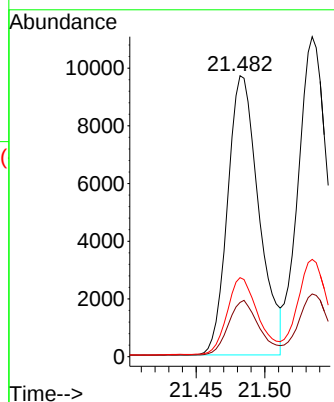
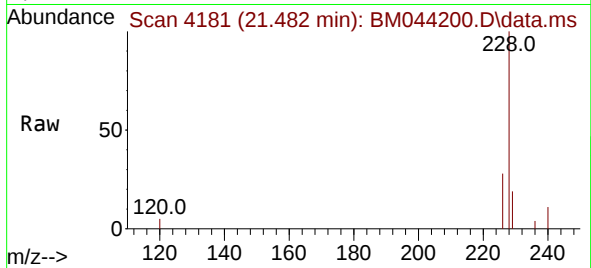




#21
Benzo(a)anthracene
Concen: 0.353 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

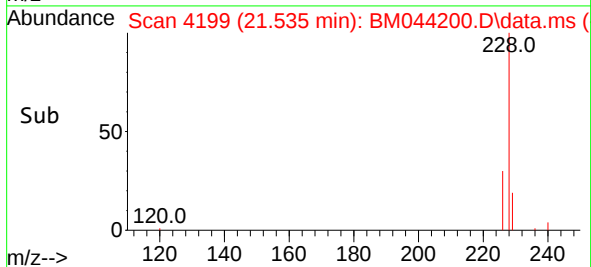
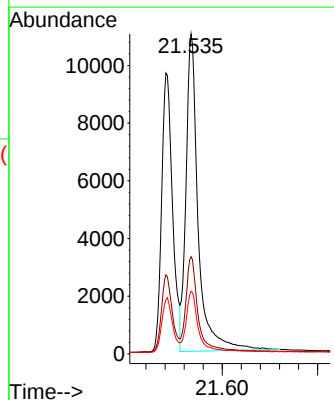
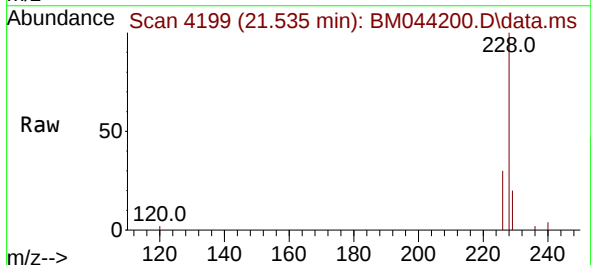
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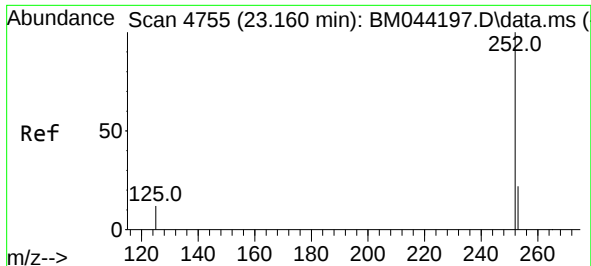
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Ion Ratio Lower Upper
228 100
229 19.3 15.4 23.2
226 28.1 22.1 33.1



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.535 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

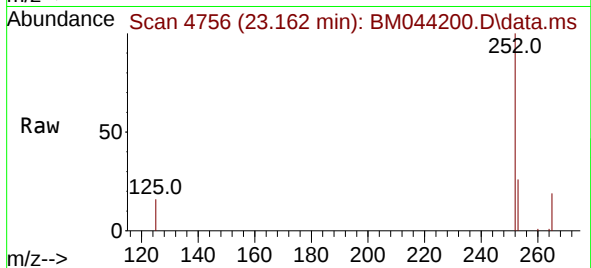
Tgt Ion:228 Resp: 19506
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.6 15.8 23.6



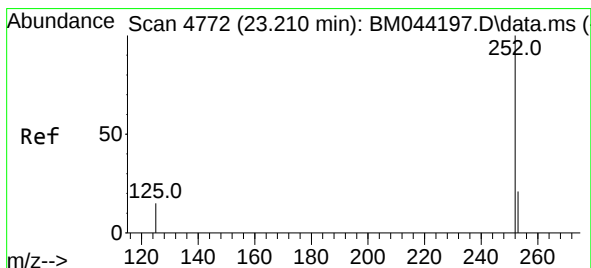
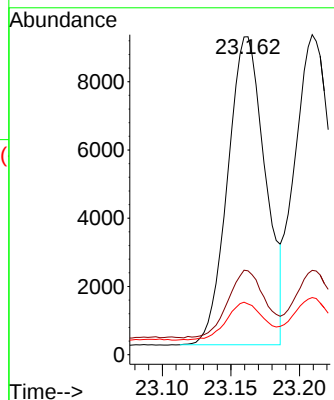


#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul
RT: 23.162 min Scan# 4756
Delta R.T. -0.000 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

Instrument :
BNA_M
ClientSampleId :
SLCS065

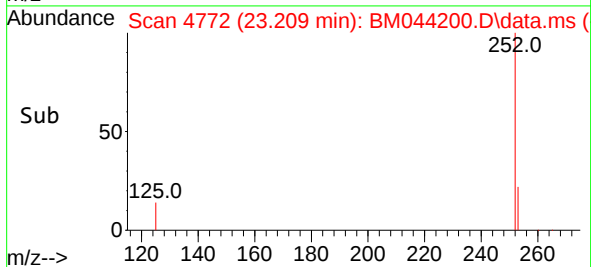
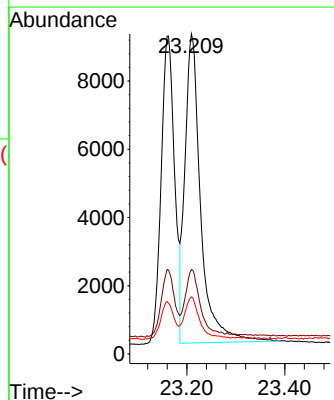
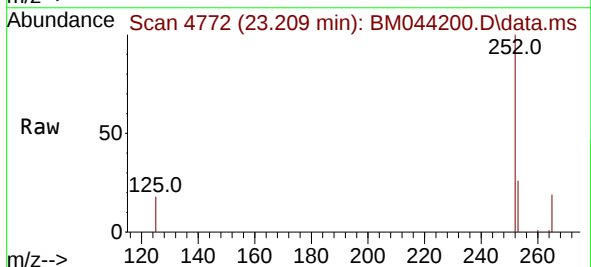


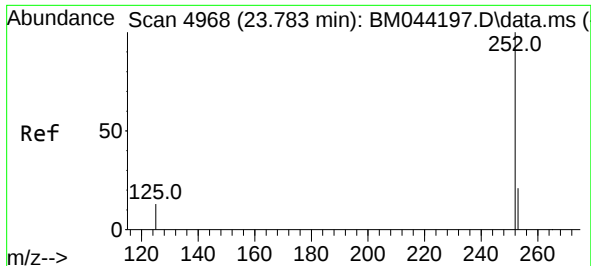
Tgt Ion:252 Resp: 17227
Ion Ratio Lower Upper
252 100
253 26.4 0.0 50.0
125 16.0 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul
RT: 23.209 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

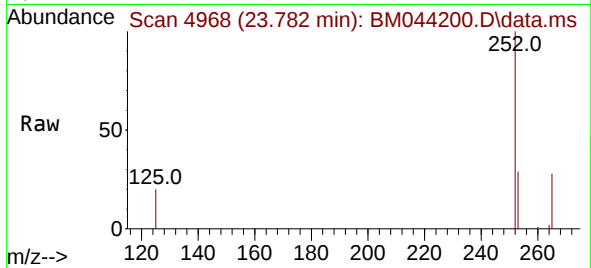
Tgt Ion:252 Resp: 20162
Ion Ratio Lower Upper
252 100
253 26.3 20.1 30.1
125 17.8 12.3 18.5



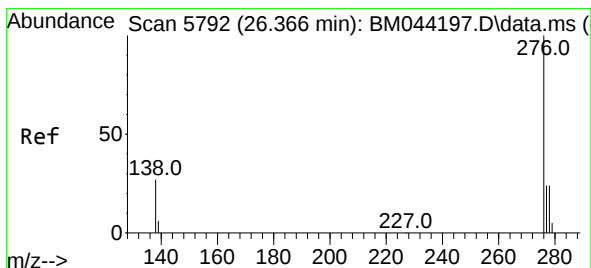
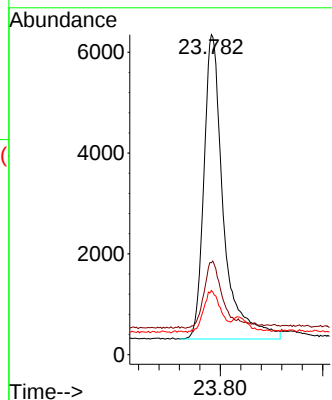
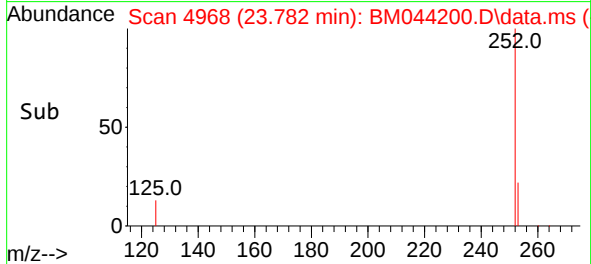


#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 23.782 min Scan# 4968
Delta R.T. -0.003 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

Instrument :
BNA_M
ClientSampleId :
SLCS065

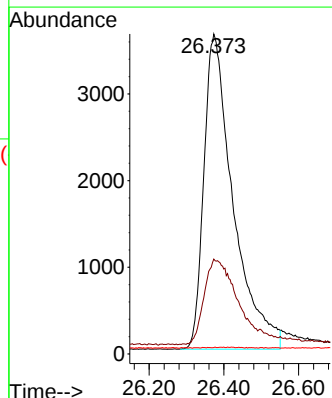
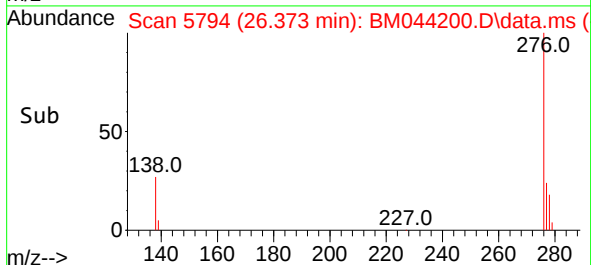
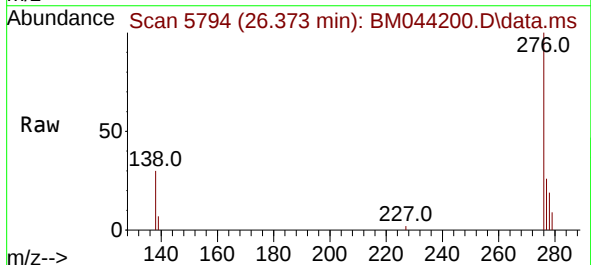


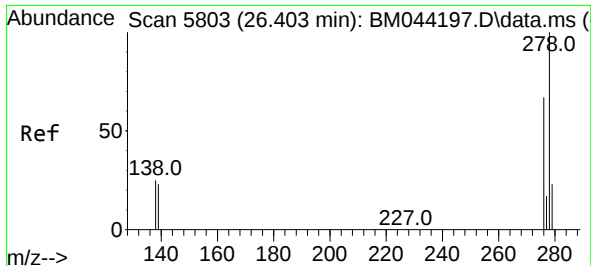
Tgt Ion:252 Resp: 16053
Ion Ratio Lower Upper
252 100
253 28.7 21.4 32.2
125 20.1 13.3 19.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul
RT: 26.373 min Scan# 5794
Delta R.T. 0.003 min
Lab File: BM044200.D
Acq: 20 Feb 2024 11:19

Tgt Ion:276 Resp: 19738
Ion Ratio Lower Upper
276 100
138 31.7 25.2 37.8
227 0.0 0.1 0.1#

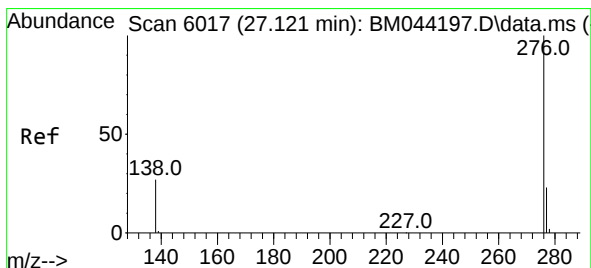
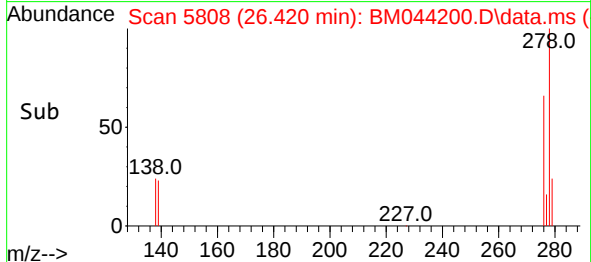
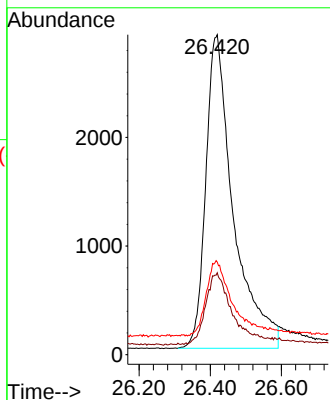
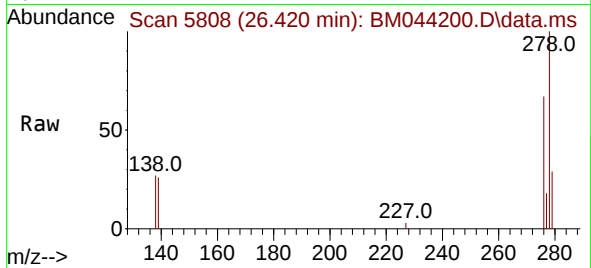




#28
 Dibenzo(a,h)anthracene
 Concen: 0.381 ng/ul
 RT: 26.420 min Scan# 5808
 Delta R.T. 0.010 min
 Lab File: BM044200.D
 Acq: 20 Feb 2024 11:19

Instrument :
 BNA_M
 ClientSampleId :
 SLCS065

Tgt Ion:278 Resp: 15534
 Ion Ratio Lower Upper
 278 100
 139 25.6 17.8 26.8
 279 29.0 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.390 ng/ul
 RT: 27.121 min Scan# 6017
 Delta R.T. -0.007 min
 Lab File: BM044200.D
 Acq: 20 Feb 2024 11:19

Tgt Ion:276 Resp: 17888
 Ion Ratio Lower Upper
 276 100
 138 28.3 22.7 34.1
 277 25.3 19.0 28.6

