

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043133.D
 Acq On : 01 Dec 2023 21:34
 Operator : MA/JU
 Sample : PB157365BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS365

Quant Time: Dec 02 00:08:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 00:03:38 2023
 Response via : Initial Calibration

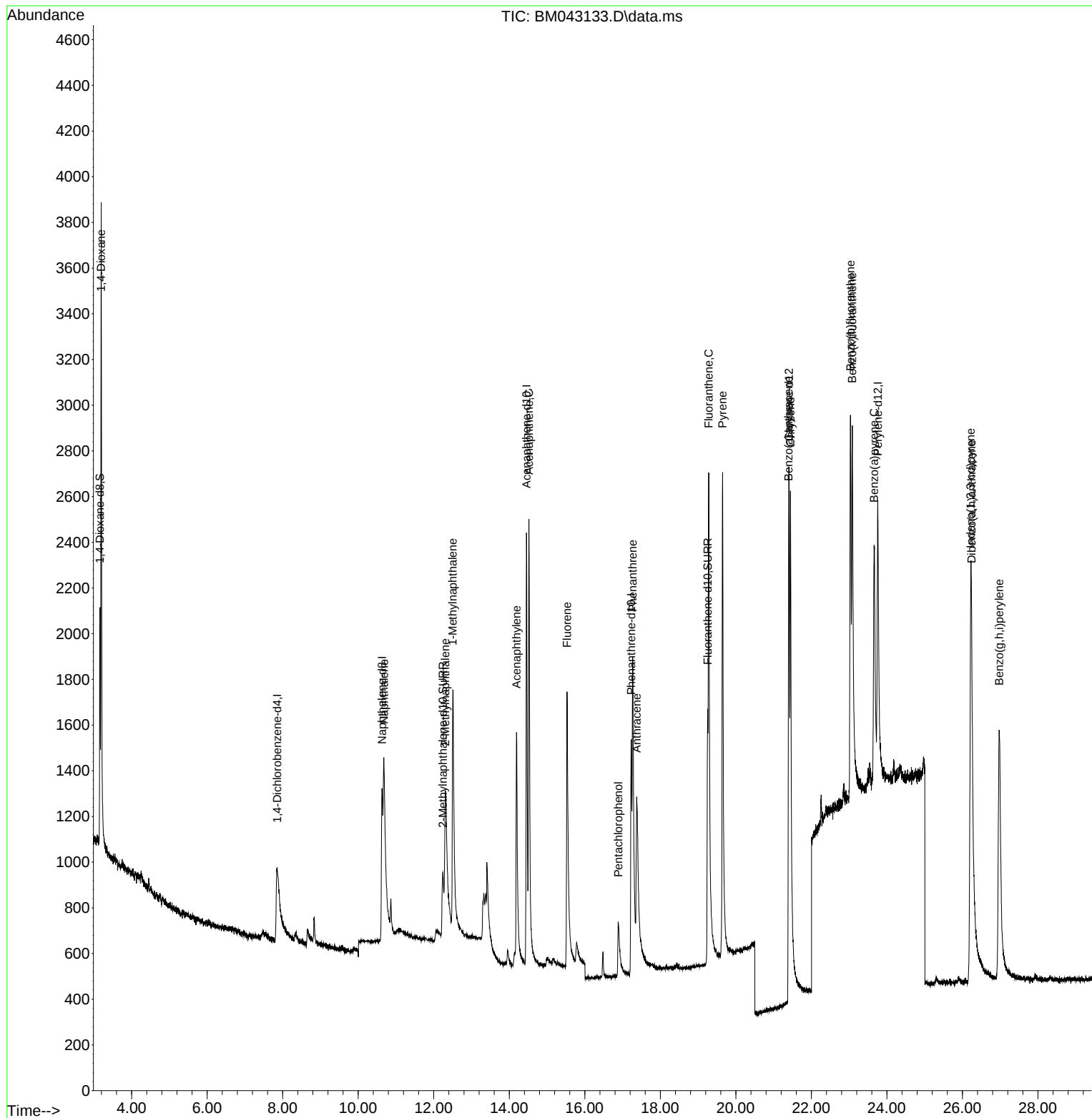
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	749	0.400	ng/ul	0.02
4) Naphthalene-d8	10.629	136	2568	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.456	164	1396	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	2676	0.400	ng/ul	0.01
17) Chrysene-d12	21.409	240	1783	0.400	ng/ul	0.00
23) Perylene-d12	23.759	264	2301	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	703	0.612	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	1129	0.329	ng/ul	0.02
18) Fluoranthene-d10	19.253	212	2088	0.321	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	1956	1.585	ng/ul#	83
5) Naphthalene	10.684	128	2025	0.290	ng/ul	98
7) 2-Methylnaphthalene	12.306	142	1122	0.273	ng/ul	94
8) 1-Methylnaphthalene	12.504	142	1263	0.275	ng/ul	99
10) Acenaphthylene	14.192	152	2068	0.290	ng/ul	97
11) Acenaphthene	14.521	153	1576	0.292	ng/ul	97
12) Fluorene	15.529	166	1552	0.280	ng/ul	94
14) Pentachlorophenol	16.884	266	417	0.576	ng/ul	93
15) Phenanthrene	17.268	178	2254	0.295	ng/ul	97
16) Anthracene	17.374	178	2316	0.320	ng/ul	95
19) Fluoranthene	19.281	202	3035	0.300	ng/ul	99
20) Pyrene	19.648	202	3146	0.293	ng/ul	99
21) Benzo(a)anthracene	21.397	228	2128	0.368	ng/ul	97
22) Chrysene	21.447	228	3321	0.308	ng/ul	100
24) Benzo(b)fluoranthene	23.037	252	2847	0.367	ng/ul	100
25) Benzo(k)fluoranthene	23.080	252	3553	0.332	ng/ul	97
26) Benzo(a)pyrene	23.662	252	2827	0.334	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.218	276	4047	0.353	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.242	278	3080	0.347	ng/ul	93
29) Benzo(g,h,i)perylene	26.973	276	3703	0.332	ng/ul	100

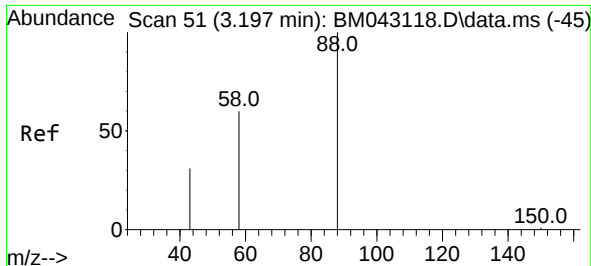
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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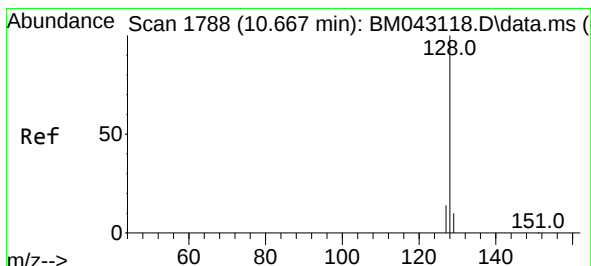
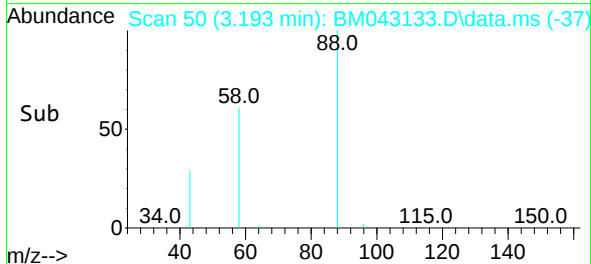
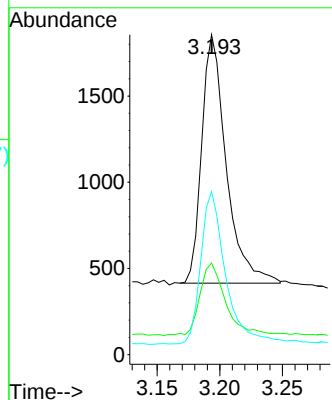
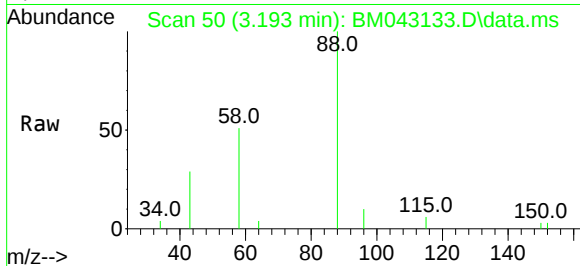




#2
1,4-Dioxane
Concen: 1.585 ng/ul
RT: 3.193 min Scan# 50
Delta R.T. -0.004 min
Lab File: BM043133.D
Acq: 01 Dec 2023 21:34

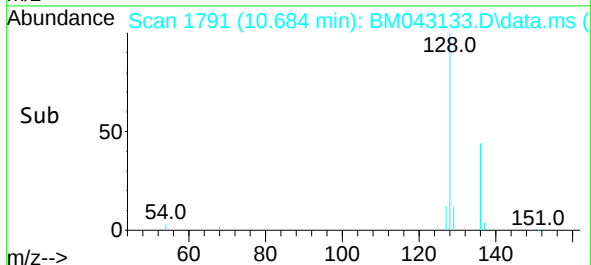
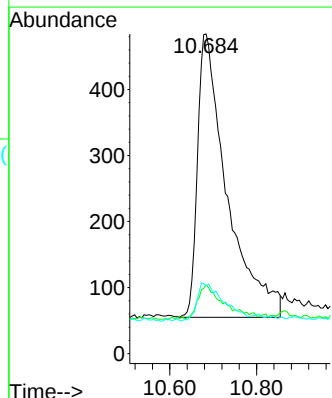
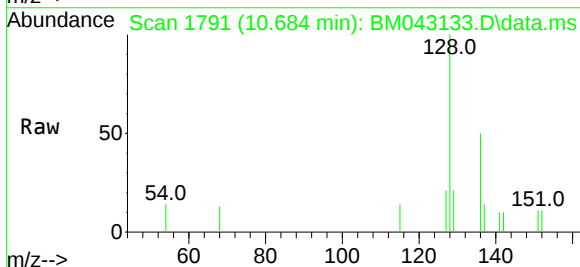
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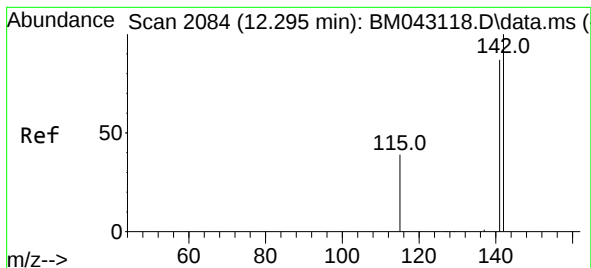
Tgt Ion: 88 Resp: 1956
Ion Ratio Lower Upper
88 100
43 28.7 22.8 34.2
58 50.9 26.8 40.2#



#5
Naphthalene
Concen: 0.290 ng/ul
RT: 10.684 min Scan# 1791
Delta R.T. 0.017 min
Lab File: BM043133.D
Acq: 01 Dec 2023 21:34

Tgt Ion: 128 Resp: 2025
Ion Ratio Lower Upper
128 100
129 21.5 16.0 24.0
127 21.3 16.5 24.7





#7

2-Methylnaphthalene

Concen: 0.273 ng/ul

RT: 12.306 min Scan# 2086

Delta R.T. 0.011 min

Lab File: BM043133.D

Acq: 01 Dec 2023 21:34

Instrument :

BNA_M

ClientSampleId :

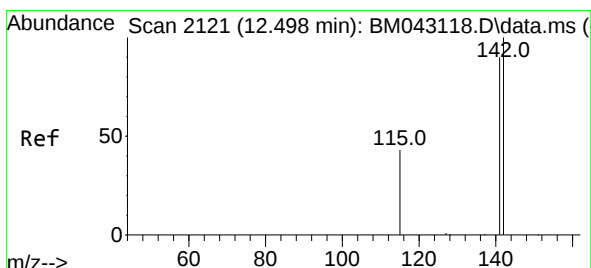
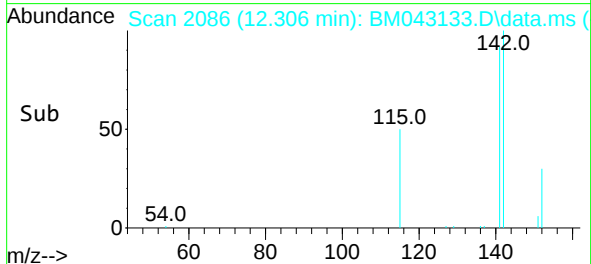
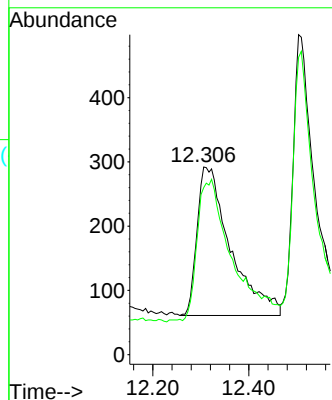
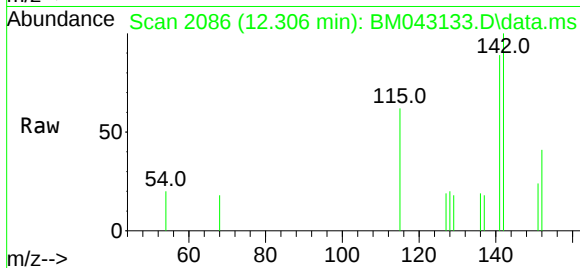
SLCS365

Tgt Ion:142 Resp: 1122

Ion Ratio Lower Upper

142 100

141 101.2 76.1 114.1



#8

1-Methylnaphthalene

Concen: 0.275 ng/ul

RT: 12.504 min Scan# 2122

Delta R.T. 0.006 min

Lab File: BM043133.D

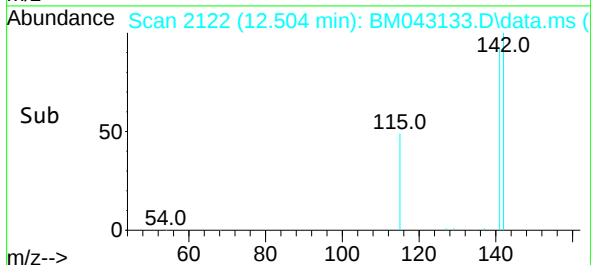
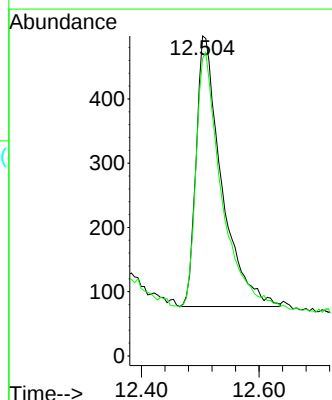
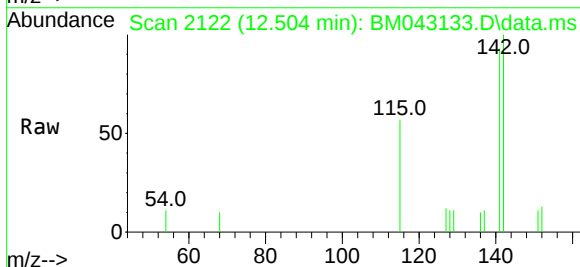
Acq: 01 Dec 2023 21:34

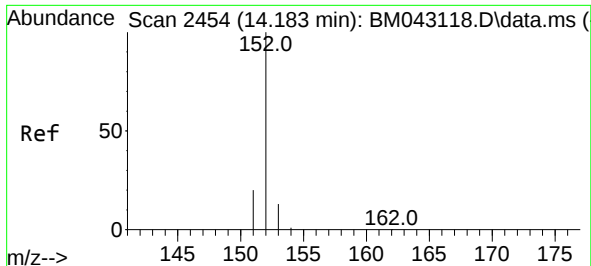
Tgt Ion:142 Resp: 1263

Ion Ratio Lower Upper

142 100

141 93.1 73.8 110.8

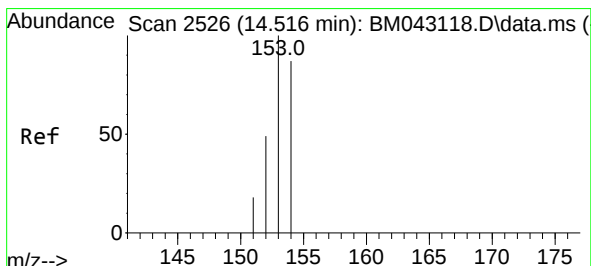
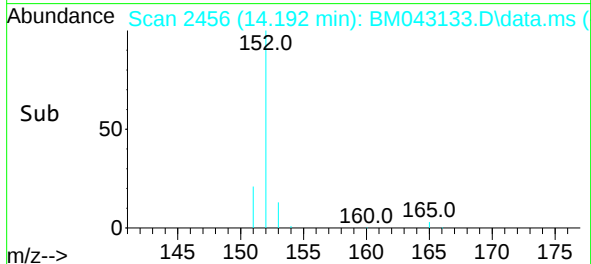
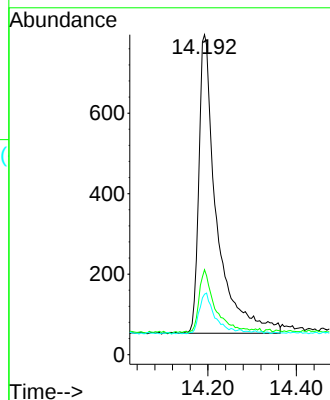
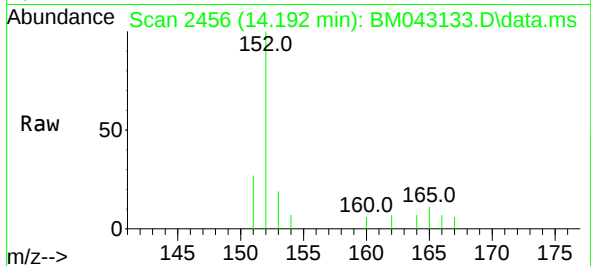




#10
Acenaphthylene
Concen: 0.290 ng/u1
RT: 14.192 min Scan# 2454
Delta R.T. 0.009 min
Lab File: BM043133.D
Acq: 01 Dec 2023 21:34

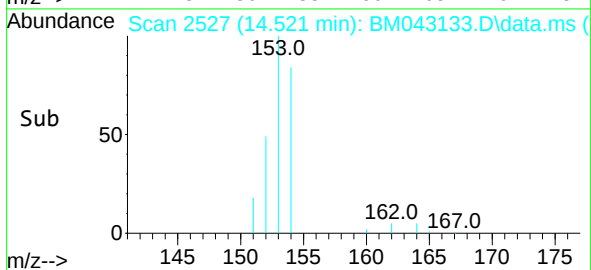
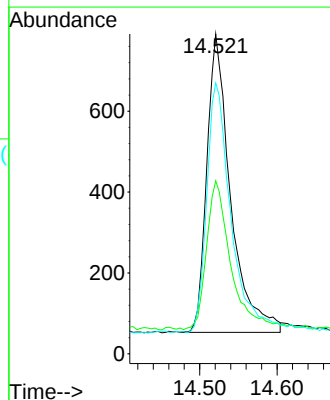
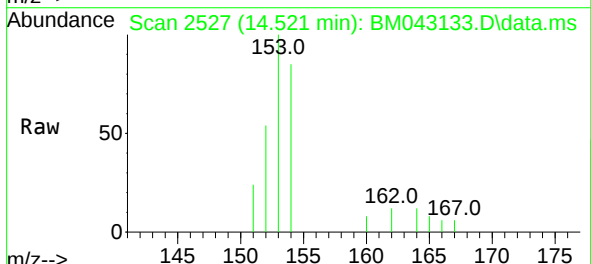
Instrument :
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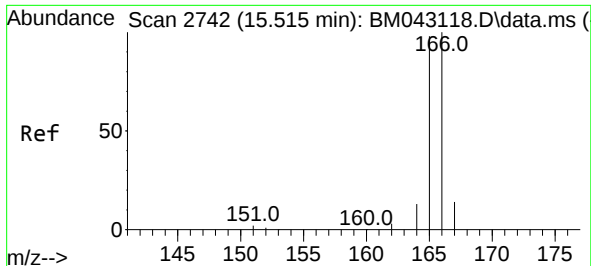
Tgt Ion:152	Resp:	2068
Ion Ratio	Lower	Upper
152	100	
151	26.5	19.4 29.0
153	18.9	14.6 21.8



#11
Acenaphthene
Concen: 0.292 ng/u1
RT: 14.521 min Scan# 2527
Delta R.T. 0.005 min
Lab File: BM043133.D
Acq: 01 Dec 2023 21:34

Tgt Ion:153	Resp:	1576
Ion Ratio	Lower	Upper
153	100	
152	54.1	43.9 65.9
154	84.7	70.6 105.8

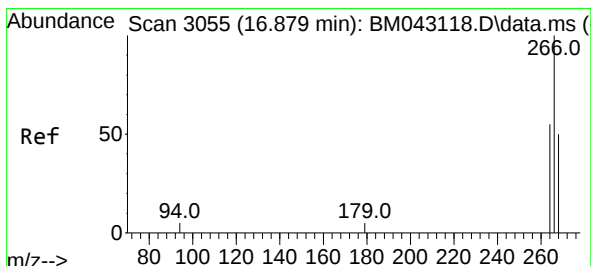
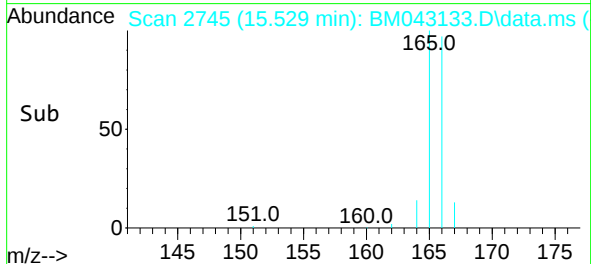
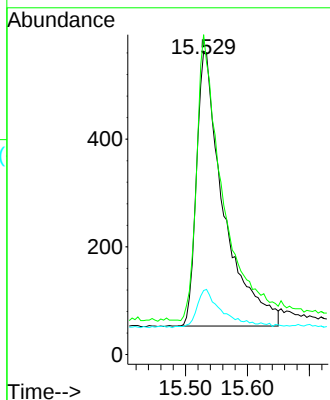
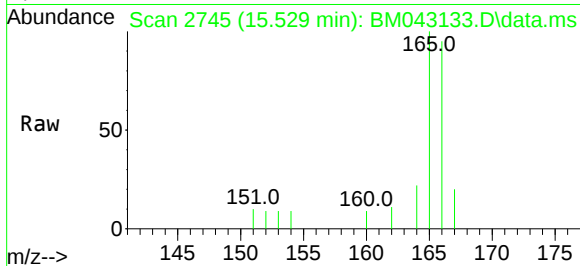




#12
Fluorene
Concen: 0.280 ng/ul
RT: 15.529 min Scan# 21
Delta R.T. 0.014 min
Lab File: BM043133.D
Acq: 01 Dec 2023 21:34

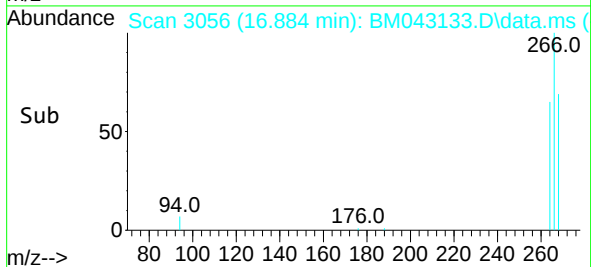
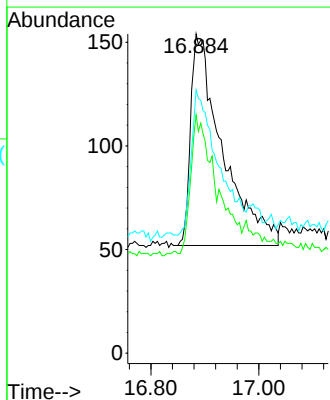
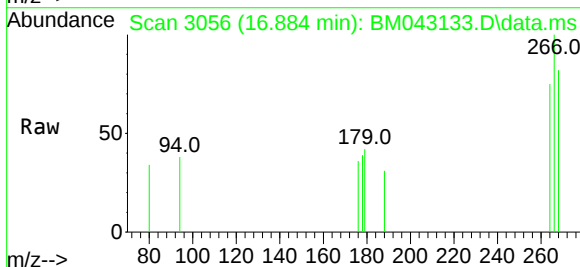
Instrument :
BNA_M
ClientSampleId :
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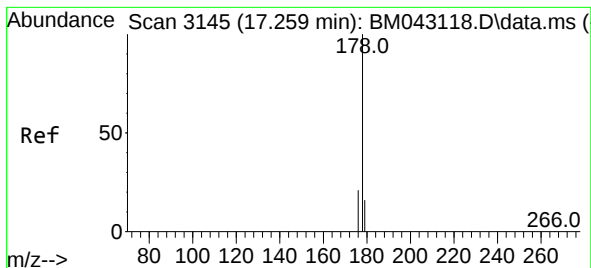
Tgt Ion:166 Resp: 1552
Ion Ratio Lower Upper
166 100
165 105.5 79.9 119.9
167 21.1 14.2 21.4



#14
Pentachlorophenol
Concen: 0.576 ng/ul
RT: 16.884 min Scan# 3056
Delta R.T. 0.004 min
Lab File: BM043133.D
Acq: 01 Dec 2023 21:34

Tgt Ion:266 Resp: 417
Ion Ratio Lower Upper
266 100
264 65.2 48.8 73.2
268 58.0 51.8 77.6





#15

Phenanthrene

Concen: 0.295 ng/ul

RT: 17.268 min Scan# 3145

Delta R.T. 0.009 min

Lab File: BM043133.D

Acq: 01 Dec 2023 21:34

Instrument :

BNA_M

ClientSampleId :

SLCS365

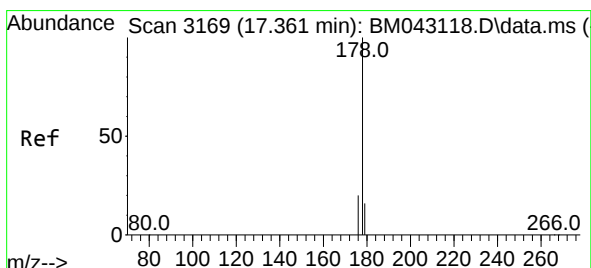
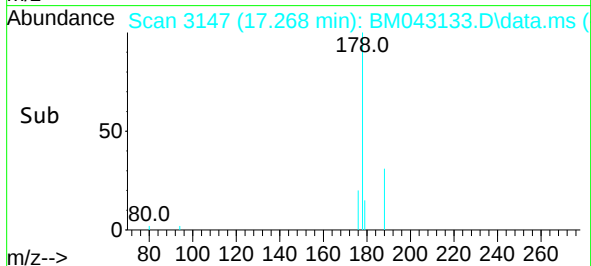
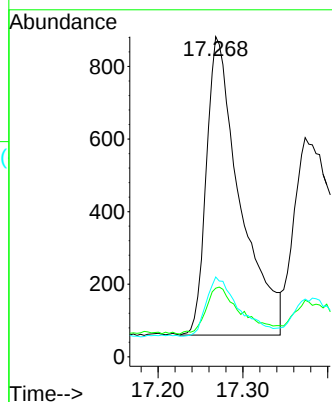
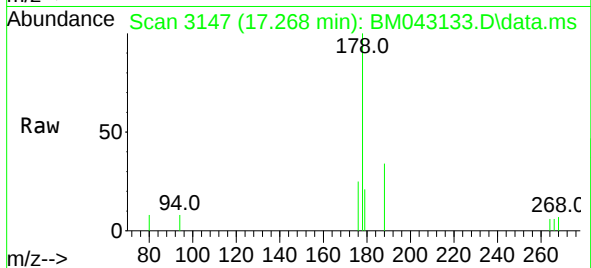
Tgt Ion:178 Resp: 2254

Ion Ratio Lower Upper

178 100

179 21.4 15.7 23.5

176 24.9 18.9 28.3



#16

Anthracene

Concen: 0.320 ng/ul

RT: 17.374 min Scan# 3172

Delta R.T. 0.013 min

Lab File: BM043133.D

Acq: 01 Dec 2023 21:34

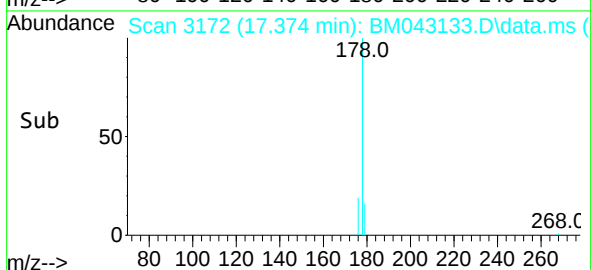
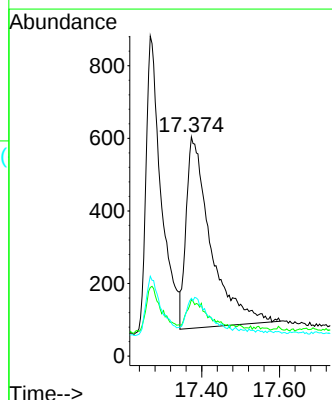
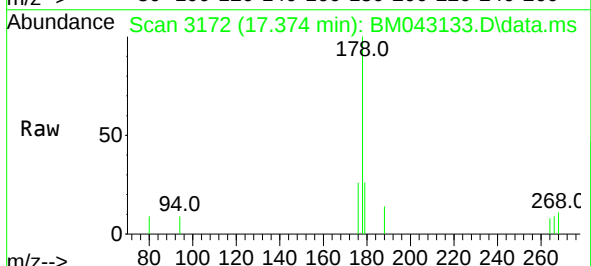
Tgt Ion:178 Resp: 2316

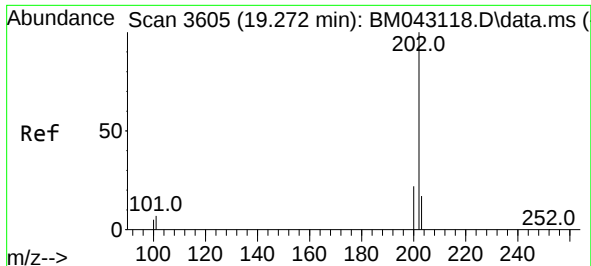
Ion Ratio Lower Upper

178 100

179 25.8 17.3 25.9

176 26.3 20.5 30.7

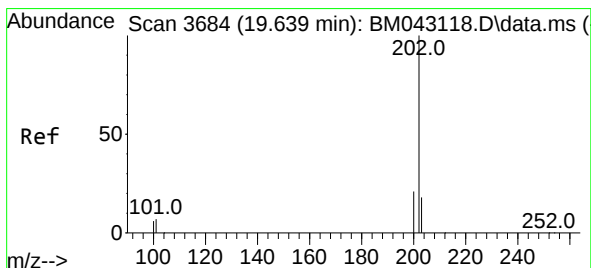
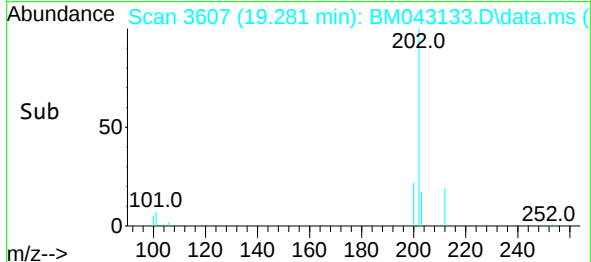
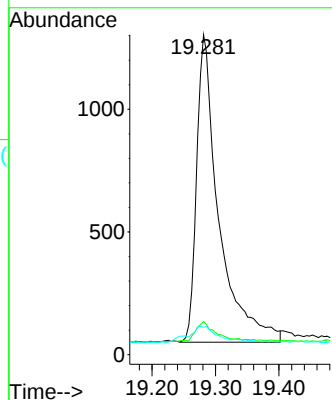
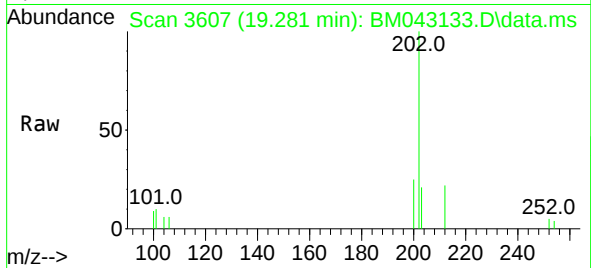




#19
Fluoranthene
Concen: 0.300 ng/u1
RT: 19.281 min Scan# 3607
Delta R.T. 0.009 min
Lab File: BM043133.D
Acq: 01 Dec 2023 21:34

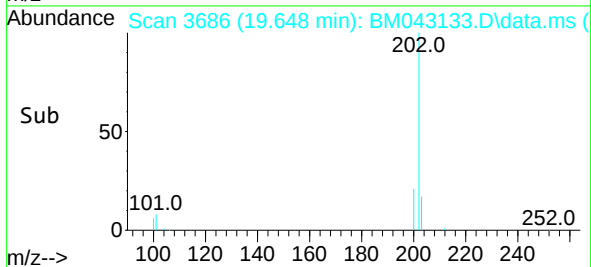
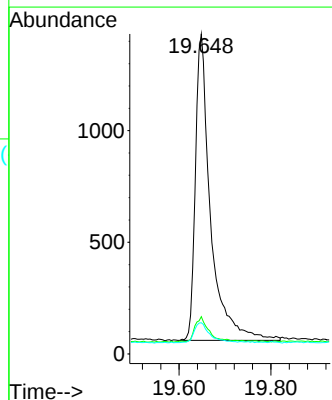
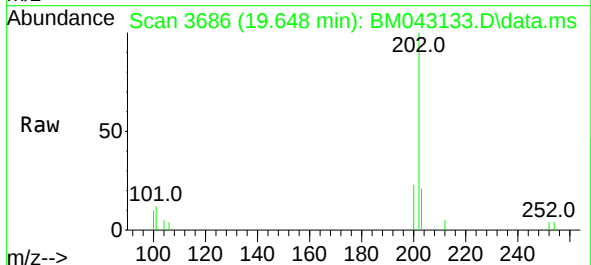
Instrument :
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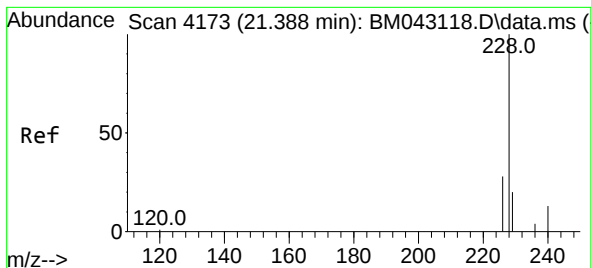
Tgt Ion:202 Resp: 3035
Ion Ratio Lower Upper
202 100
101 10.4 7.8 11.8
100 8.6 7.1 10.7



#20
Pyrene
Concen: 0.293 ng/u1
RT: 19.648 min Scan# 3686
Delta R.T. 0.009 min
Lab File: BM043133.D
Acq: 01 Dec 2023 21:34

Tgt Ion:202 Resp: 3146
Ion Ratio Lower Upper
202 100
101 11.7 8.7 13.1
100 9.8 7.8 11.8





#21

Benzo(a)anthracene

Concen: 0.368 ng/ul

RT: 21.397 min Scan# 4173

Delta R.T. 0.009 min

Lab File: BM043133.D

Acq: 01 Dec 2023 21:34

Instrument :

BNA_M

ClientSampleId :

SLCS365

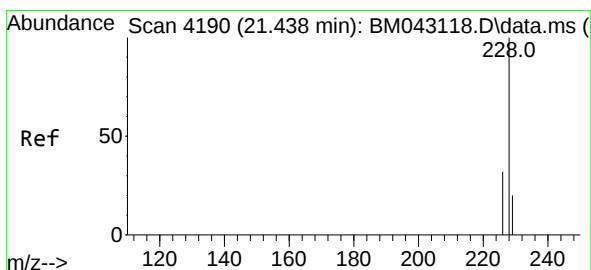
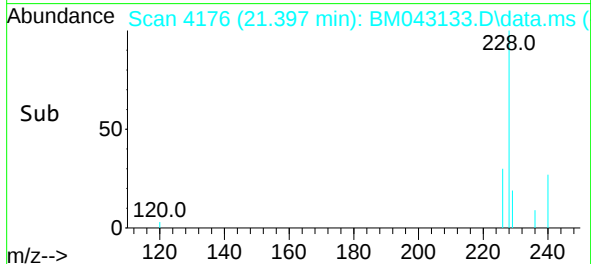
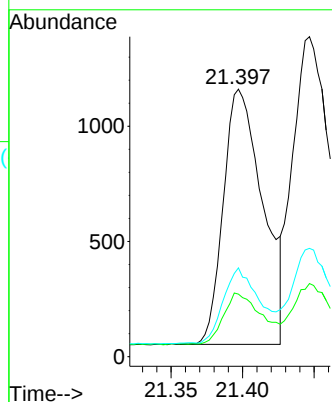
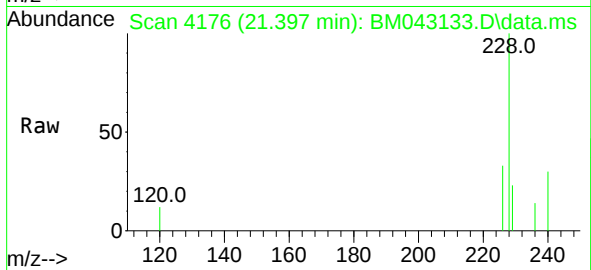
Tgt Ion:228 Resp: 2128

Ion Ratio Lower Upper

228 100

229 23.3 19.4 29.0

226 33.2 24.9 37.3



#22

Chrysene

Concen: 0.308 ng/ul

RT: 21.447 min Scan# 4193

Delta R.T. 0.009 min

Lab File: BM043133.D

Acq: 01 Dec 2023 21:34

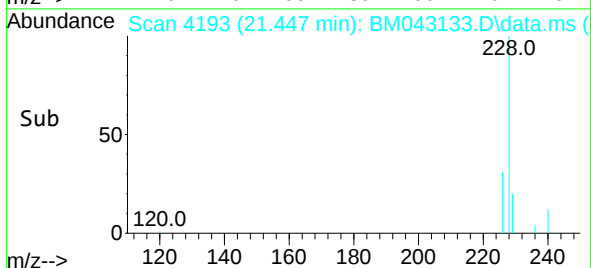
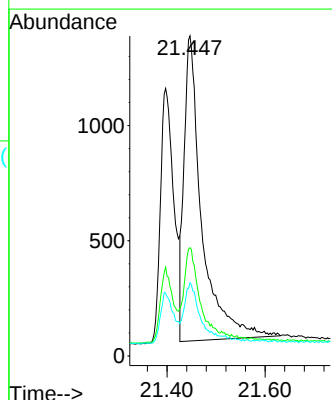
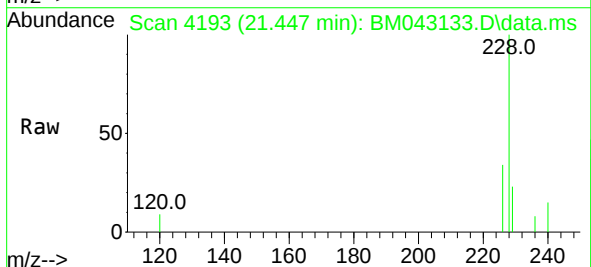
Tgt Ion:228 Resp: 3321

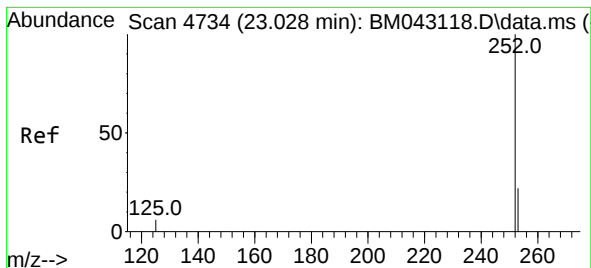
Ion Ratio Lower Upper

228 100

226 33.8 27.2 40.8

229 22.8 18.0 27.0





#24

Benzo(b)fluoranthene

Concen: 0.367 ng/ul

RT: 23.037 min Scan# 4737

Delta R.T. 0.009 min

Lab File: BM043133.D

Acq: 01 Dec 2023 21:34

Instrument :

BNA_M

ClientSampleId :

SLCS365

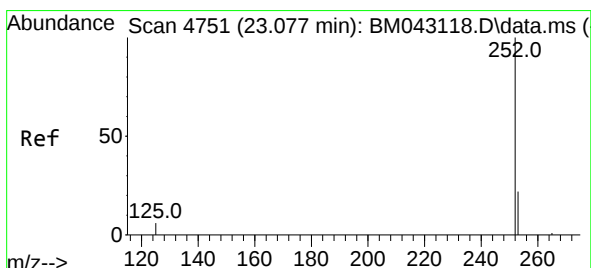
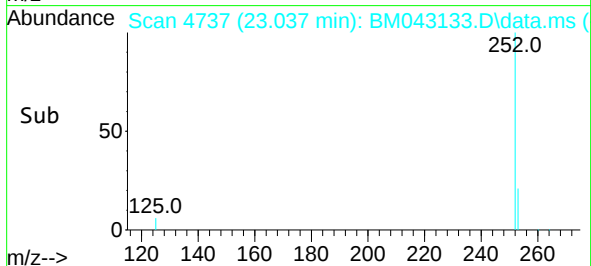
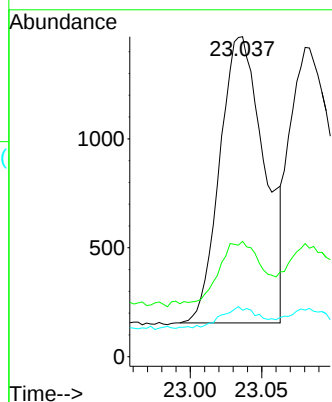
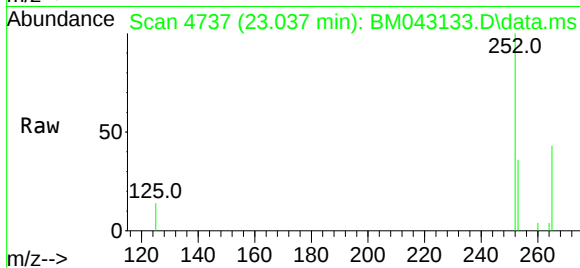
Tgt Ion:252 Resp: 2847

Ion Ratio Lower Upper

252 100

253 36.1 0.0 71.8

125 14.5 0.0 29.0



#25

Benzo(k)fluoranthene

Concen: 0.332 ng/ul

RT: 23.080 min Scan# 4752

Delta R.T. 0.003 min

Lab File: BM043133.D

Acq: 01 Dec 2023 21:34

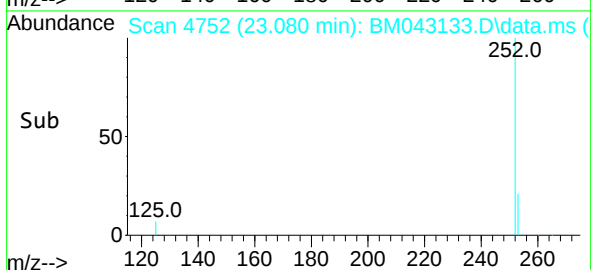
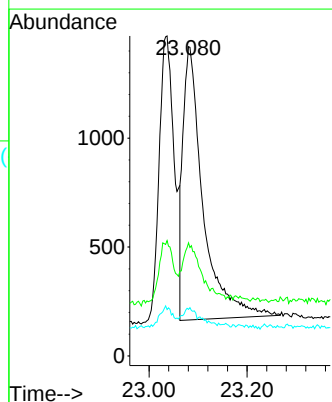
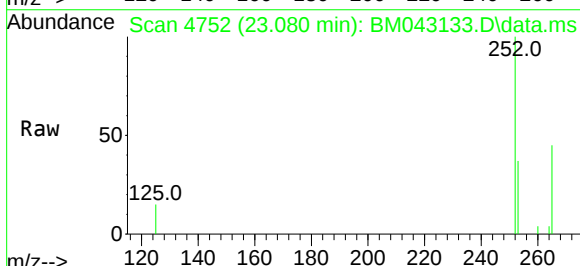
Tgt Ion:252 Resp: 3553

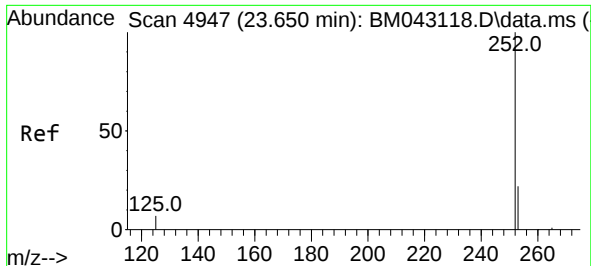
Ion Ratio Lower Upper

252 100

253 36.5 28.2 42.2

125 15.1 11.0 16.6

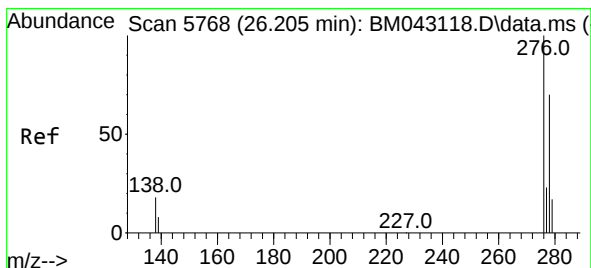
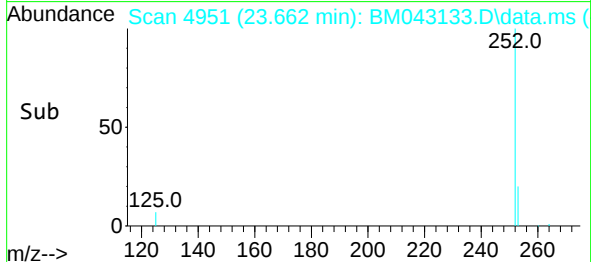
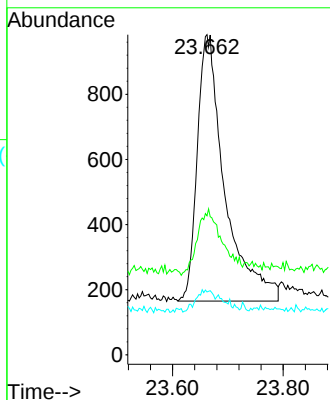
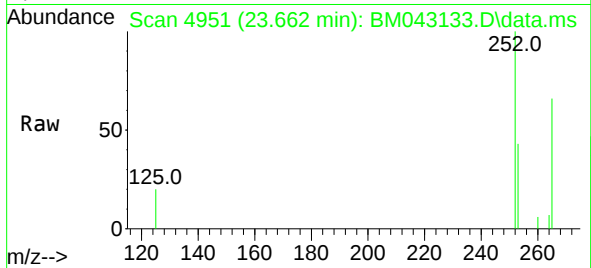




#26
Benzo(a)pyrene
Concen: 0.334 ng/ul
RT: 23.662 min Scan# 4947
Delta R.T. 0.012 min
Lab File: BM043133.D
Acq: 01 Dec 2023 21:34

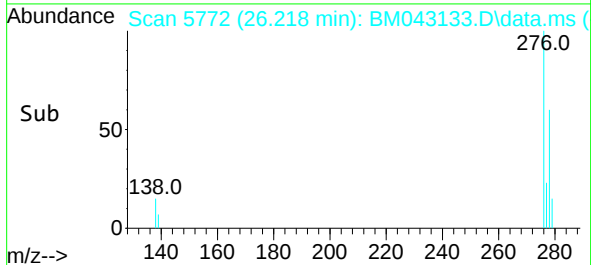
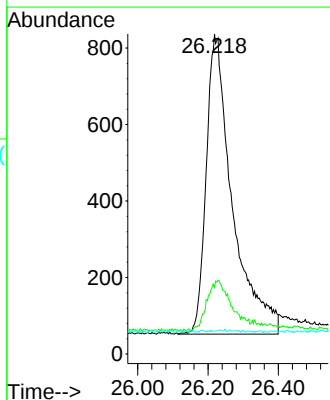
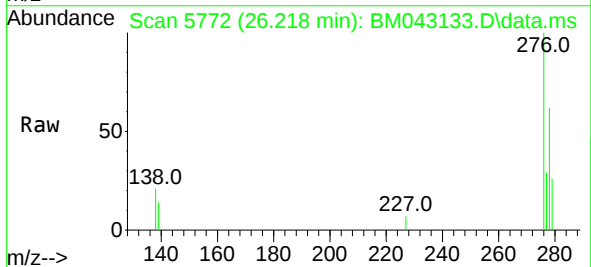
Instrument :
BNA_M
ClientSampleId :
SLCS365

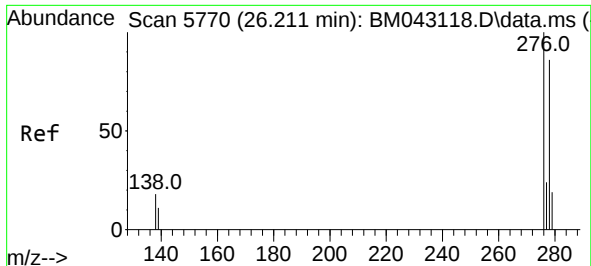
Tgt Ion:252	Resp:	2827
Ion Ratio	Lower	Upper
252	100	
253	43.4	36.6 55.0
125	19.6	16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 26.218 min Scan# 5772
Delta R.T. 0.014 min
Lab File: BM043133.D
Acq: 01 Dec 2023 21:34

Tgt Ion:276	Resp:	4047
Ion Ratio	Lower	Upper
276	100	
138	15.5	0.0 0.0#
227	0.1	0.2 0.2#

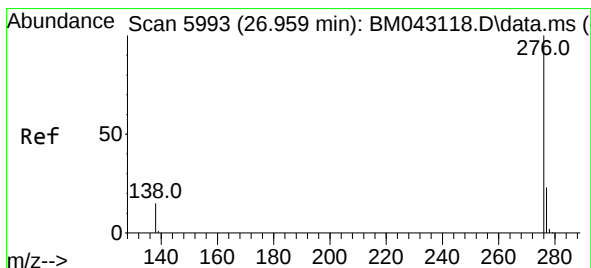
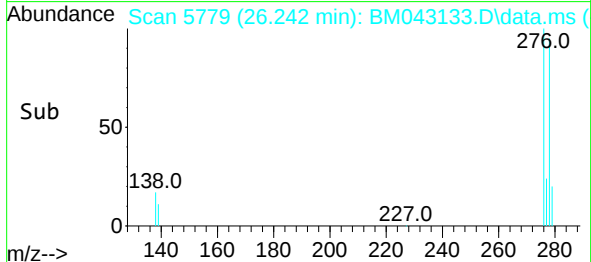
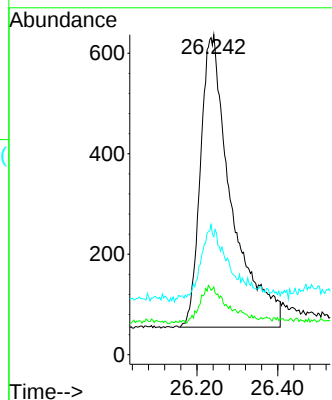
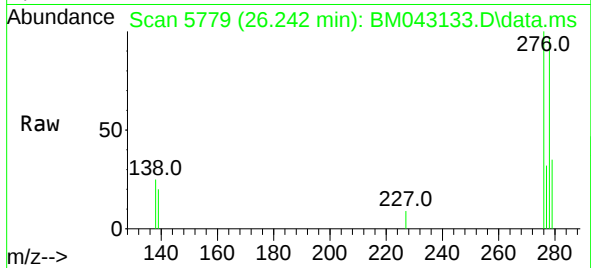




#28
Dibenzo(a,h)anthracene
Concen: 0.347 ng/ul
RT: 26.242 min Scan# 51
Delta R.T. 0.030 min
Lab File: BM043133.D
Acq: 01 Dec 2023 21:34

Instrument :
BNA_M
ClientSampleId :
SLCS365

Tgt Ion:278 Resp: 3080
Ion Ratio Lower Upper
278 100
139 21.2 18.1 27.1
279 36.9 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.332 ng/ul
RT: 26.973 min Scan# 5997
Delta R.T. 0.014 min
Lab File: BM043133.D
Acq: 01 Dec 2023 21:34

Tgt Ion:276 Resp: 3703
Ion Ratio Lower Upper
276 100
138 22.5 17.8 26.8
277 30.1 23.8 35.8

