

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043151.D
 Acq On : 02 Dec 2023 09:09
 Operator : MA/JU
 Sample : PB157357BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS357

Quant Time: Dec 02 22:41:03 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 01:12:12 2023
 Response via : Initial Calibration

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

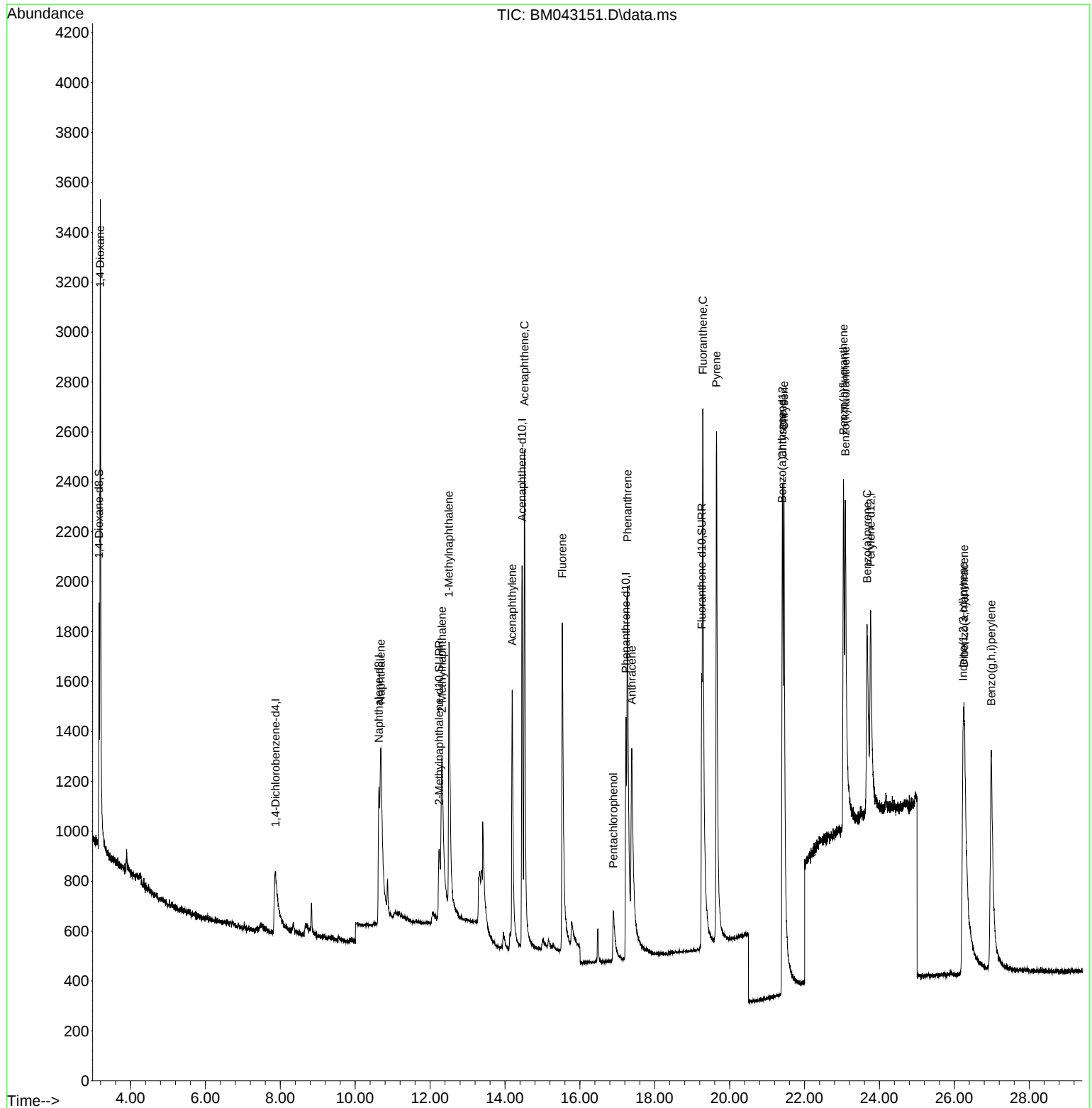
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	551	0.400	ng/ul	0.05
4) Naphthalene-d8	10.634	136	1971	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.456	164	1210	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	2524	0.400	ng/ul	0.01
17) Chrysene-d12	21.414	240	1507	0.400	ng/ul	0.01
23) Perylene-d12	23.767	264	1650	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	680	0.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	1075	0.408	ng/ul	0.02
18) Fluoranthene-d10	19.253	212	2310	0.421	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	1919	2.114	ng/ul#	85
5) Naphthalene	10.683	128	2005	0.374	ng/ul	98
7) 2-Methylnaphthalene	12.317	142	1181	0.374	ng/ul	99
8) 1-Methylnaphthalene	12.504	142	1276	0.362	ng/ul	99
10) Acenaphthylene	14.192	152	2109	0.342	ng/ul	99
11) Acenaphthene	14.521	153	1631	0.349	ng/ul	98
12) Fluorene	15.529	166	1717	0.357	ng/ul	96
14) Pentachlorophenol	16.896	266	388	0.568	ng/ul	95
15) Phenanthrene	17.272	178	2556	0.355	ng/ul	98
16) Anthracene	17.386	178	2601	0.381	ng/ul	98
19) Fluoranthene	19.286	202	3390	0.397	ng/ul	98
20) Pyrene	19.648	202	3547	0.390	ng/ul	99
21) Benzo(a)anthracene	21.403	228	1894	0.387	ng/ul	98
22) Chrysene	21.449	228	3386	0.372	ng/ul	99
24) Benzo(b)fluoranthene	23.039	252	2354	0.423	ng/ul	99
25) Benzo(k)fluoranthene	23.089	252	3224	0.420	ng/ul	95
26) Benzo(a)pyrene	23.671	252	2381	0.392	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.235	276	3252	0.395	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.262	278	2436	0.383	ng/ul	99
29) Benzo(g,h,i)perylene	26.986	276	3229	0.404	ng/ul	98

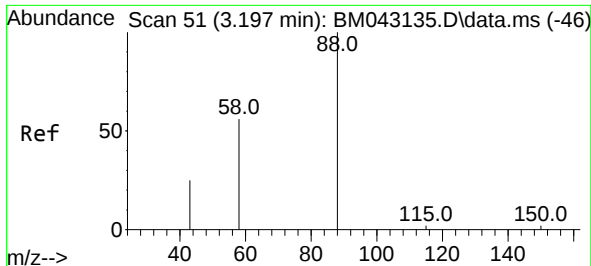
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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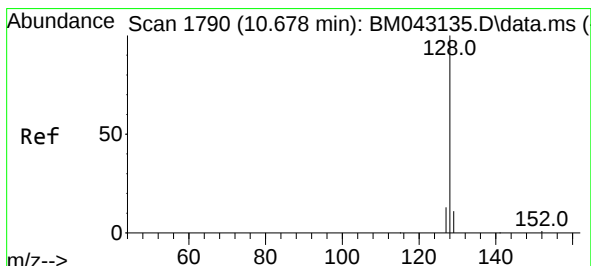
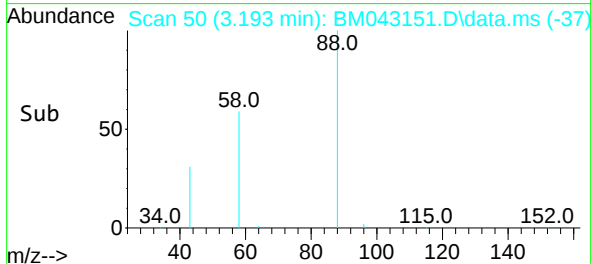
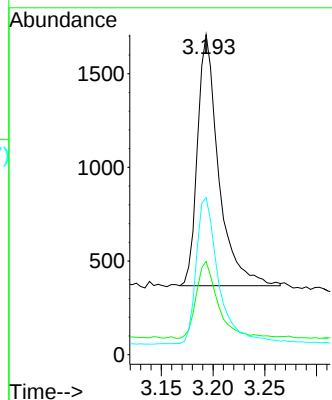
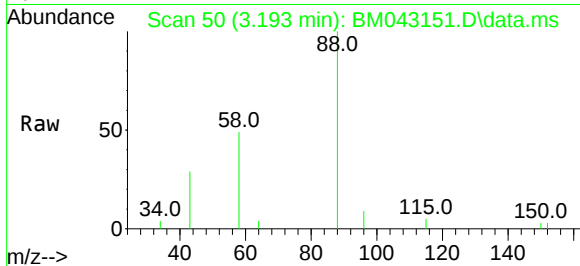




#2
1,4-Dioxane
Concen: 2.114 ng/ul
RT: 3.193 min Scan# 50
Delta R.T. -0.004 min
Lab File: BM043151.D
Acq: 02 Dec 2023 09:09

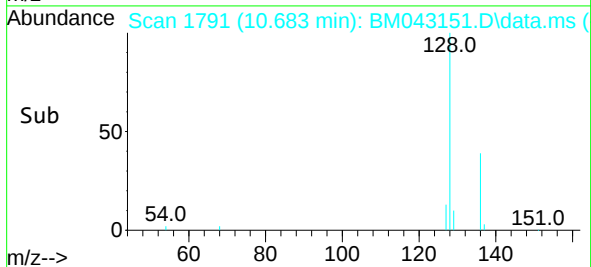
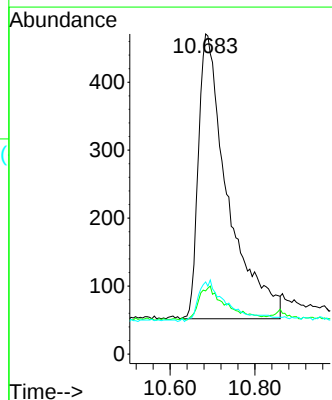
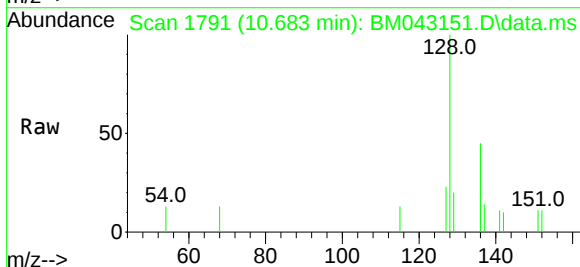
Instrument :
BNA_M
ClientSampleId :
SLCS357

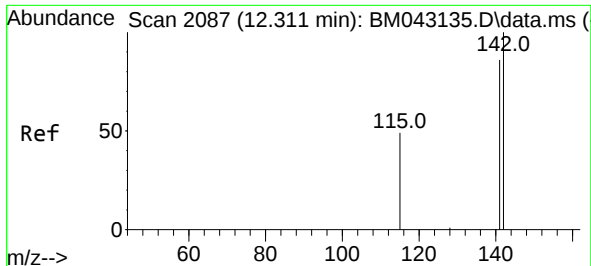
Tgt Ion: 88 Resp: 1919
Ion Ratio Lower Upper
88 100
43 29.1 22.8 34.2
58 49.1 26.8 40.2#



#5
Naphthalene
Concen: 0.374 ng/ul
RT: 10.683 min Scan# 1791
Delta R.T. 0.016 min
Lab File: BM043151.D
Acq: 02 Dec 2023 09:09

Tgt Ion: 128 Resp: 2005
Ion Ratio Lower Upper
128 100
129 19.7 16.0 24.0
127 22.5 16.5 24.7

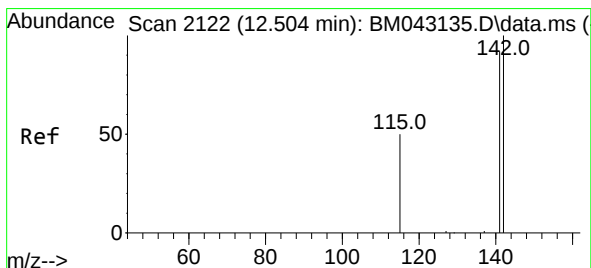
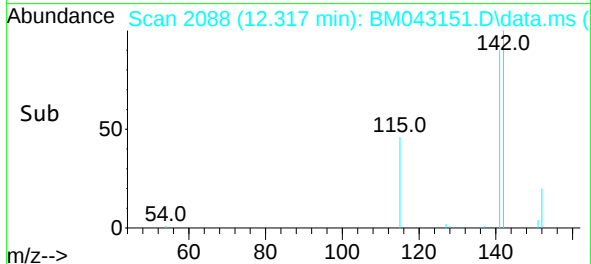
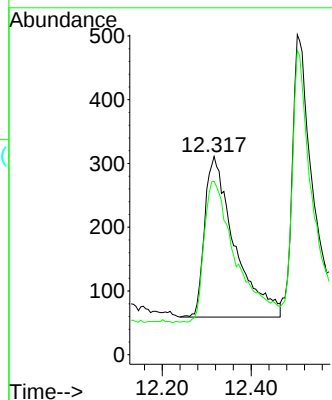
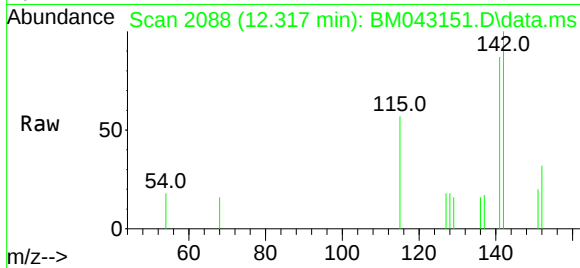




#7
2-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.317 min Scan# 2088
Delta R.T. 0.022 min
Lab File: BM043151.D
Acq: 02 Dec 2023 09:09

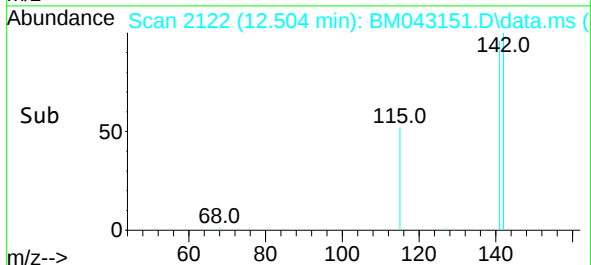
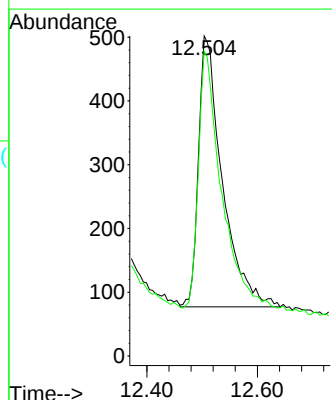
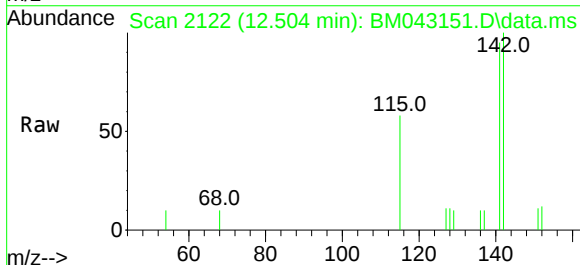
Instrument :
BNA_M
ClientSampleId :
SLCS357

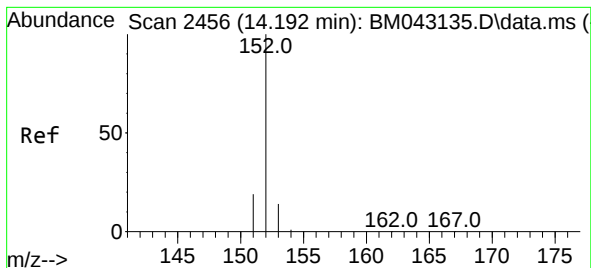
Tgt Ion:142 Resp: 1181
Ion Ratio Lower Upper
142 100
141 94.1 76.1 114.1



#8
1-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.504 min Scan# 2122
Delta R.T. 0.005 min
Lab File: BM043151.D
Acq: 02 Dec 2023 09:09

Tgt Ion:142 Resp: 1276
Ion Ratio Lower Upper
142 100
141 91.0 73.8 110.8





#10

Acenaphthylene

Concen: 0.342 ng/ul

RT: 14.192 min Scan# 2456

Delta R.T. 0.009 min

Lab File: BM043151.D

Acq: 02 Dec 2023 09:09

Instrument :

BNA_M

ClientSampleId :

SLCS357

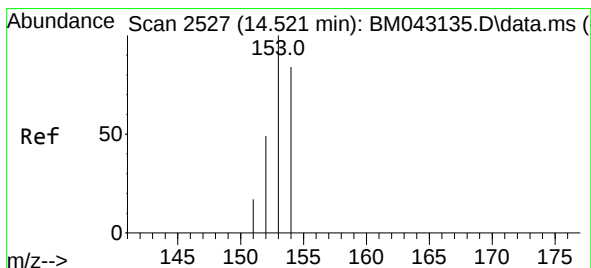
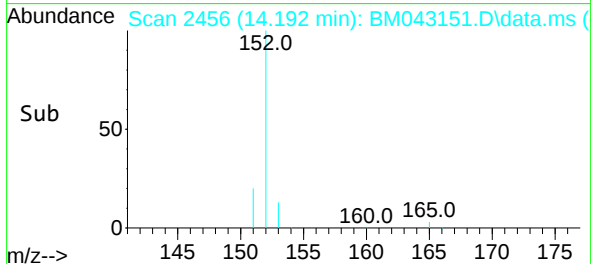
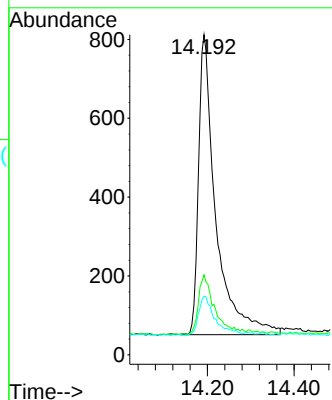
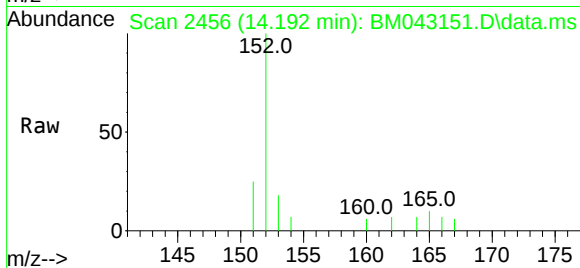
Tgt Ion:152 Resp: 2109

Ion Ratio Lower Upper

152 100

151 25.0 19.4 29.0

153 18.3 14.6 21.8



#11

Acenaphthene

Concen: 0.349 ng/ul

RT: 14.521 min Scan# 2527

Delta R.T. 0.005 min

Lab File: BM043151.D

Acq: 02 Dec 2023 09:09

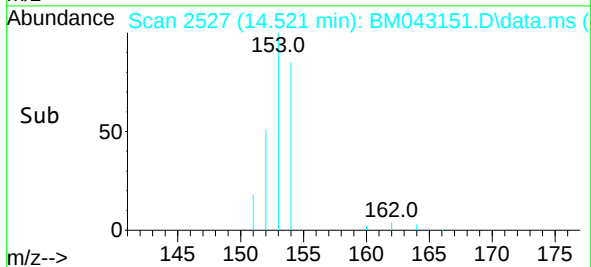
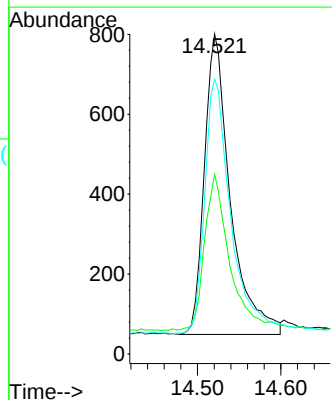
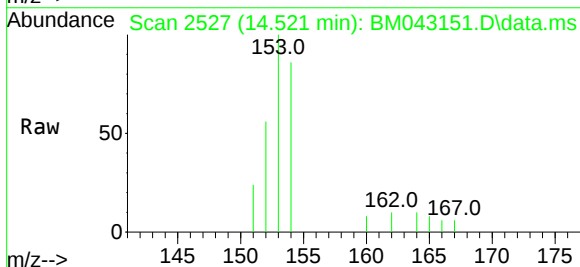
Tgt Ion:153 Resp: 1631

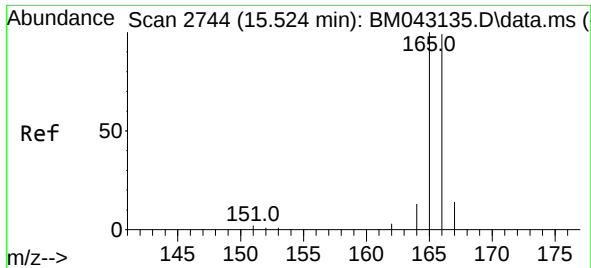
Ion Ratio Lower Upper

153 100

152 56.2 43.9 65.9

154 85.9 70.6 105.8

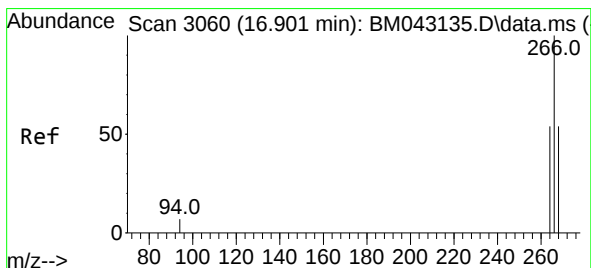
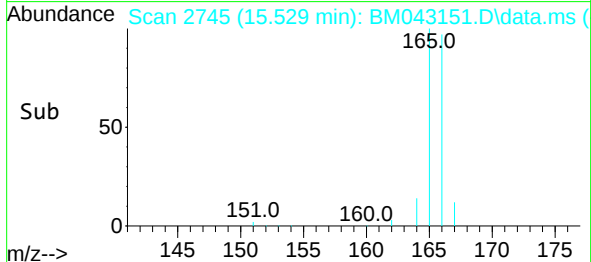
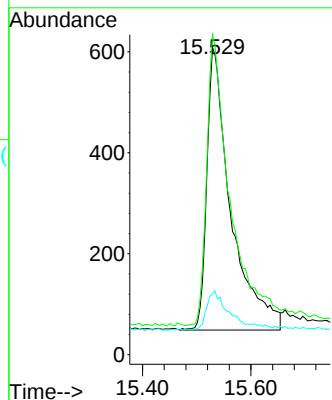
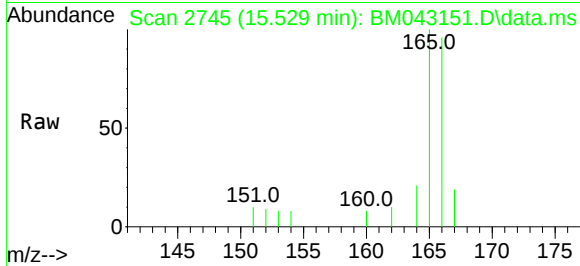




#12
Fluorene
Concen: 0.357 ng/ul
RT: 15.529 min Scan# 21
Delta R.T. 0.014 min
Lab File: BM043151.D
Acq: 02 Dec 2023 09:09

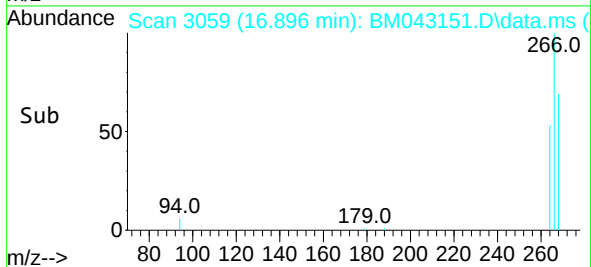
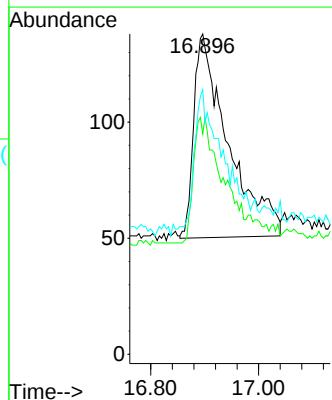
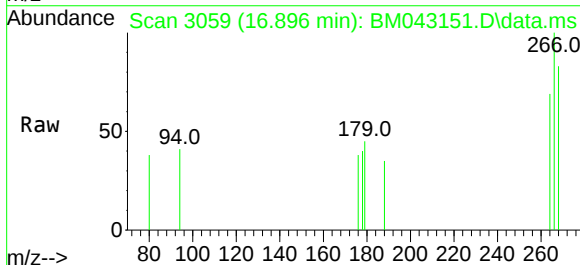
Instrument :
BNA_M
ClientSampleId :
SLCS357

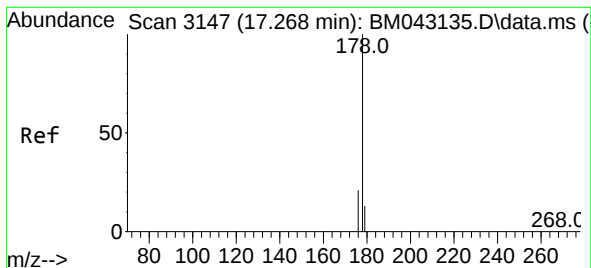
Tgt Ion:	166	Resp:	1717
Ion Ratio	Lower	Upper	
166	100		
165	104.1	79.9	119.9
167	19.9	14.2	21.4



#14
Pentachlorophenol
Concen: 0.568 ng/ul
RT: 16.896 min Scan# 3059
Delta R.T. 0.017 min
Lab File: BM043151.D
Acq: 02 Dec 2023 09:09

Tgt Ion:	266	Resp:	388
Ion Ratio	Lower	Upper	
266	100		
264	59.5	48.8	73.2
268	58.5	51.8	77.6





#15

Phenanthrene

Concen: 0.355 ng/u1

RT: 17.272 min Scan# 3147

Delta R.T. 0.013 min

Lab File: BM043151.D

Acq: 02 Dec 2023 09:09

Instrument :

BNA_M

ClientSampleId :

SLCS357

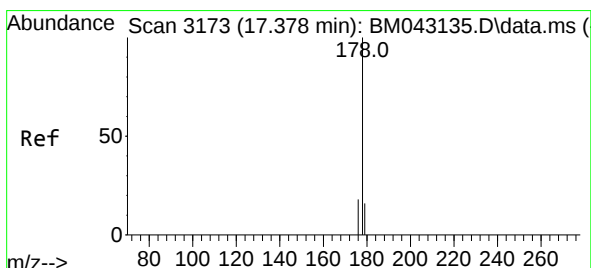
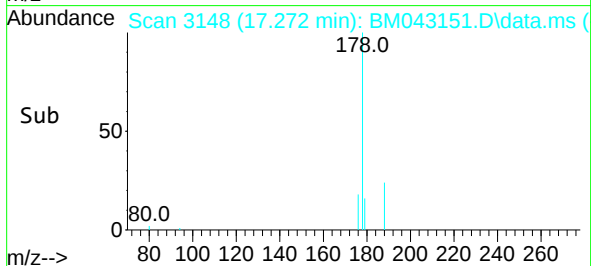
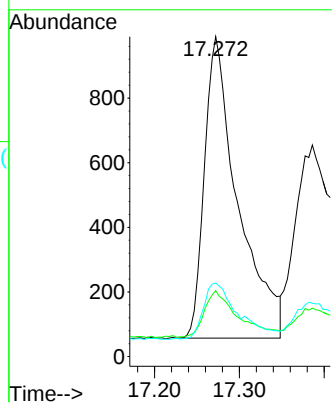
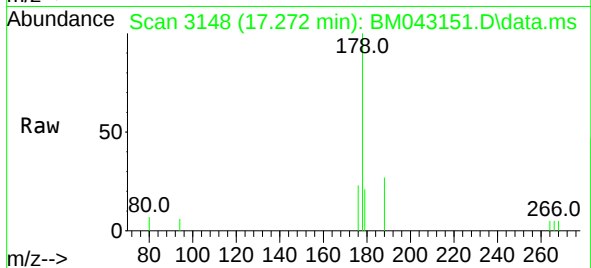
Tgt Ion:178 Resp: 2556

Ion Ratio Lower Upper

178 100

179 20.6 15.7 23.5

176 23.0 18.9 28.3



#16

Anthracene

Concen: 0.381 ng/u1

RT: 17.386 min Scan# 3175

Delta R.T. 0.025 min

Lab File: BM043151.D

Acq: 02 Dec 2023 09:09

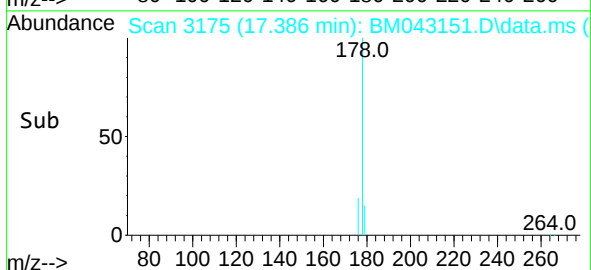
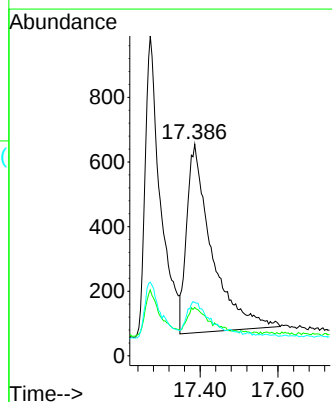
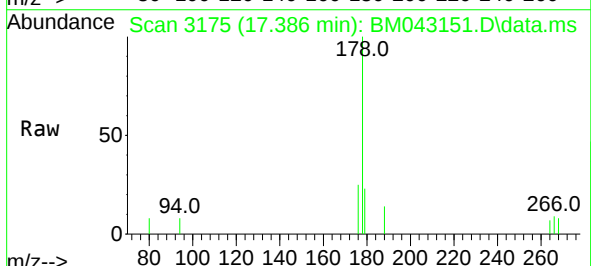
Tgt Ion:178 Resp: 2601

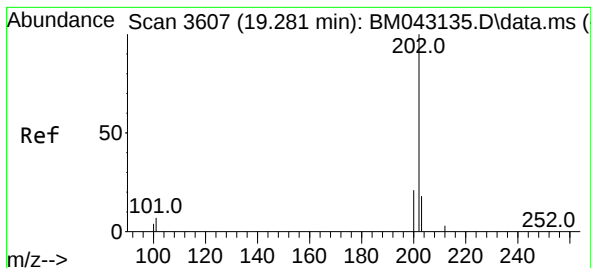
Ion Ratio Lower Upper

178 100

179 22.9 17.3 25.9

176 25.2 20.5 30.7





#19

Fluoranthene

Concen: 0.397 ng/ul

RT: 19.286 min Scan# 3607

Delta R.T. 0.014 min

Lab File: BM043151.D

Acq: 02 Dec 2023 09:09

Instrument :

BNA_M

ClientSampleId :

SLCS357

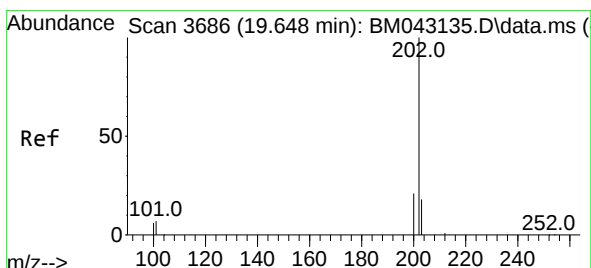
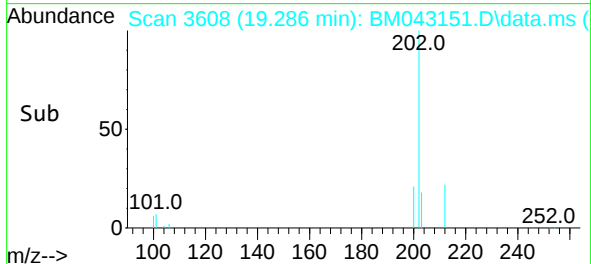
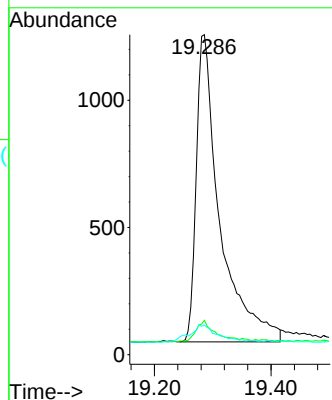
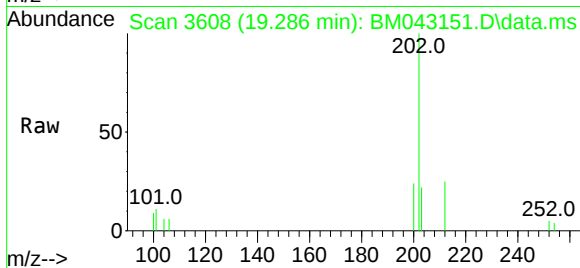
Tgt Ion:202 Resp: 3390

Ion Ratio Lower Upper

202 100

101 10.7 7.8 11.8

100 9.2 7.1 10.7



#20

Pyrene

Concen: 0.390 ng/ul

RT: 19.648 min Scan# 3686

Delta R.T. 0.009 min

Lab File: BM043151.D

Acq: 02 Dec 2023 09:09

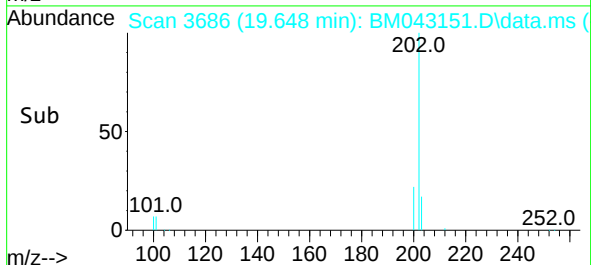
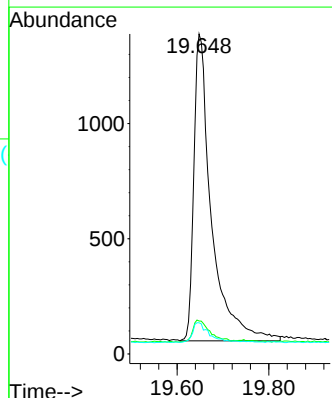
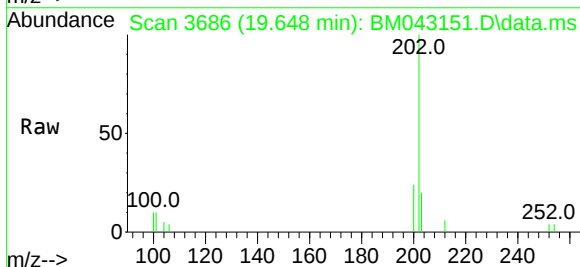
Tgt Ion:202 Resp: 3547

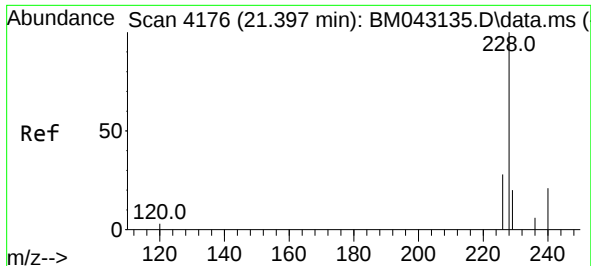
Ion Ratio Lower Upper

202 100

101 10.3 8.7 13.1

100 9.7 7.8 11.8

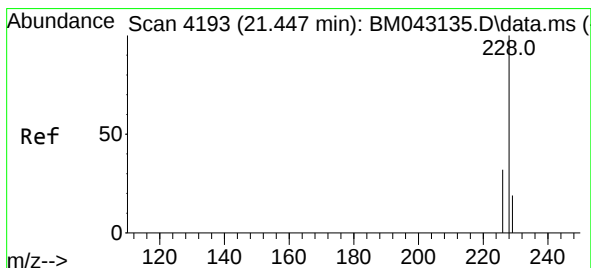
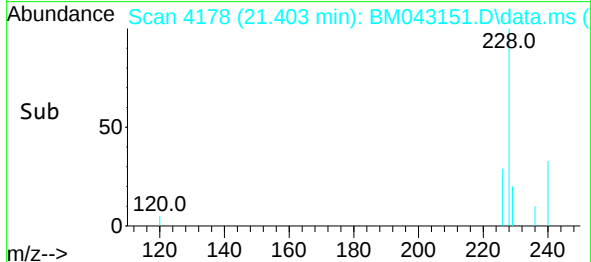
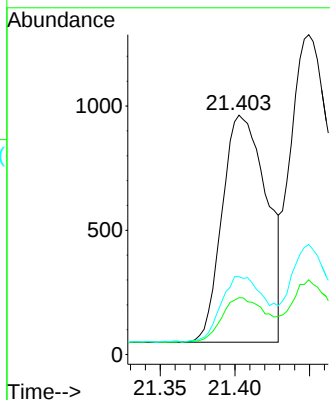
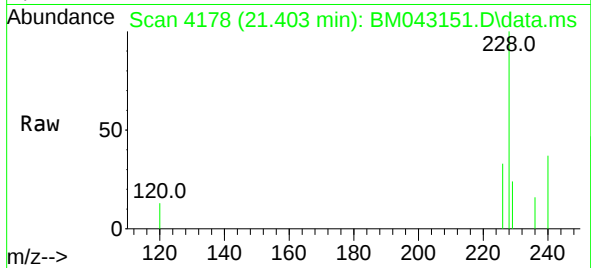




#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.403 min Scan# 4176
Delta R.T. 0.015 min
Lab File: BM043151.D
Acq: 02 Dec 2023 09:09

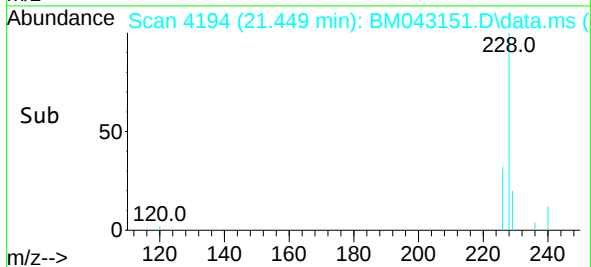
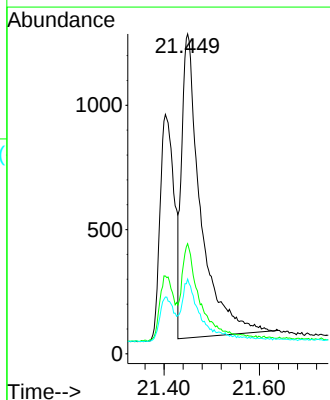
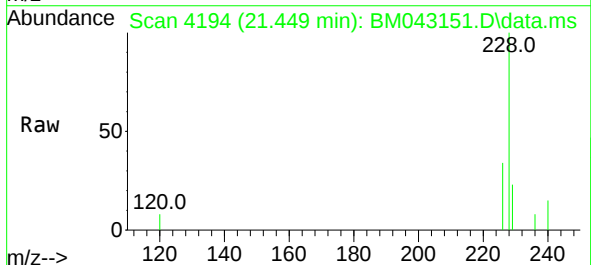
Instrument :
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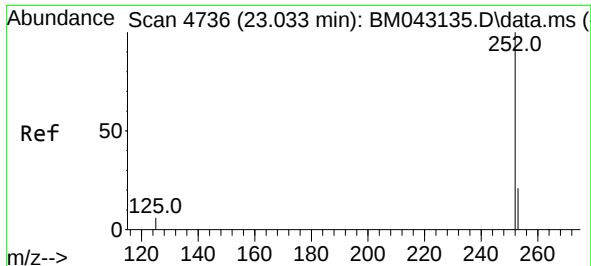
Tgt Ion:228	Resp:	1894
Ion Ratio	Lower	Upper
228	100	
229	23.8	19.4 29.0
226	32.5	24.9 37.3



#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.449 min Scan# 4194
Delta R.T. 0.012 min
Lab File: BM043151.D
Acq: 02 Dec 2023 09:09

Tgt Ion:228	Resp:	3386
Ion Ratio	Lower	Upper
228	100	
226	34.4	27.2 40.8
229	23.4	18.0 27.0

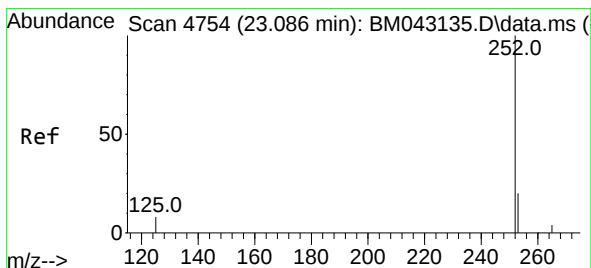
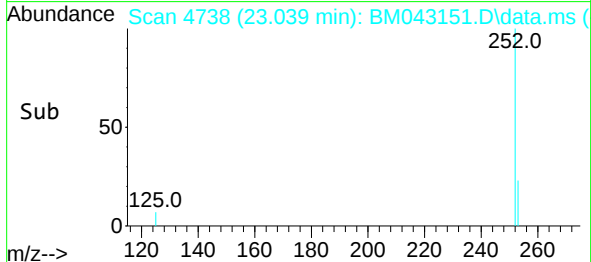
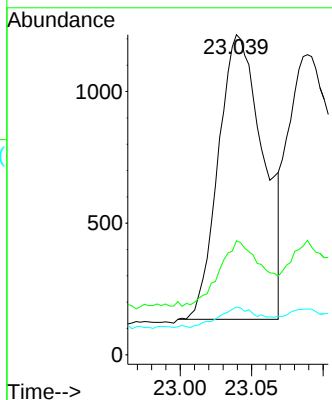
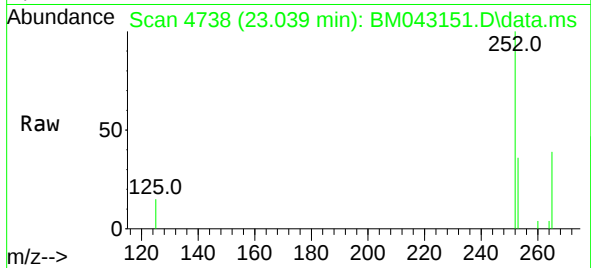




#24
Benzo(b)fluoranthene
Concen: 0.423 ng/ul
RT: 23.039 min Scan# 4736
Delta R.T. 0.012 min
Lab File: BM043151.D
Acq: 02 Dec 2023 09:09

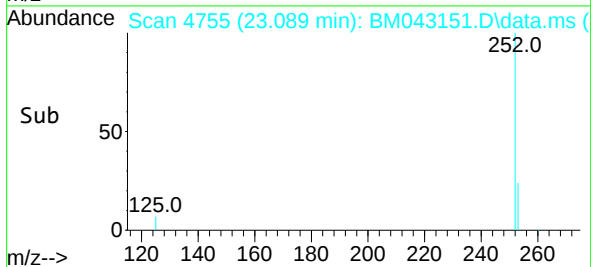
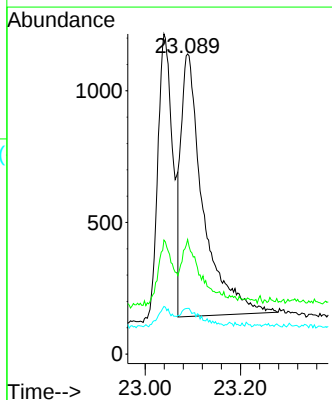
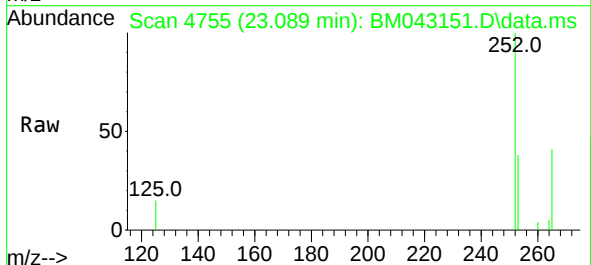
Instrument :
BNA_M
ClientSampleId :
SLCS357

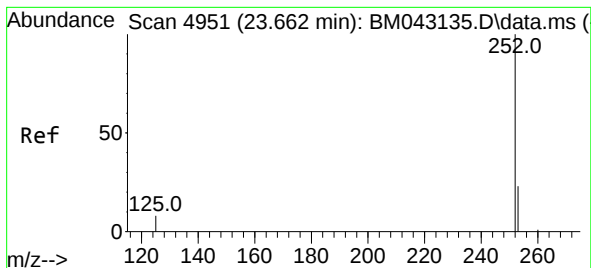
Tgt Ion:252	Resp:	2354	
Ion	Ratio	Lower	Upper
252	100		
253	35.6	0.0	71.8
125	14.9	0.0	29.0



#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 23.089 min Scan# 4755
Delta R.T. 0.012 min
Lab File: BM043151.D
Acq: 02 Dec 2023 09:09

Tgt Ion:252	Resp:	3224	
Ion	Ratio	Lower	Upper
252	100		
253	38.2	28.2	42.2
125	15.3	11.0	16.6





#26

Benzo(a)pyrene

Concen: 0.392 ng/ul

RT: 23.671 min Scan# 4951

Delta R.T. 0.020 min

Lab File: BM043151.D

Acq: 02 Dec 2023 09:09

Instrument :

BNA_M

ClientSampleId :

SLCS357

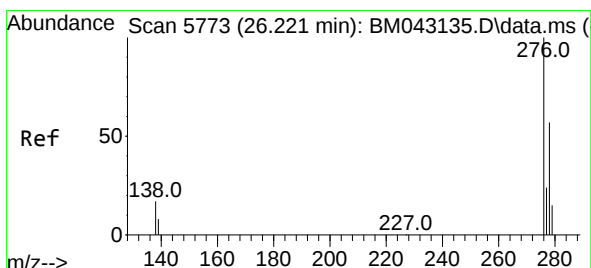
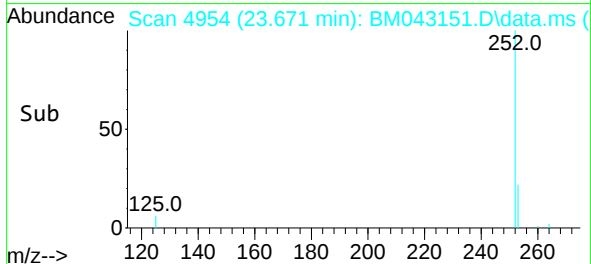
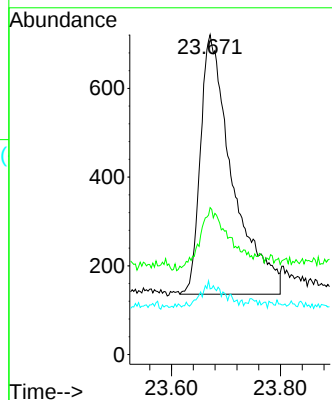
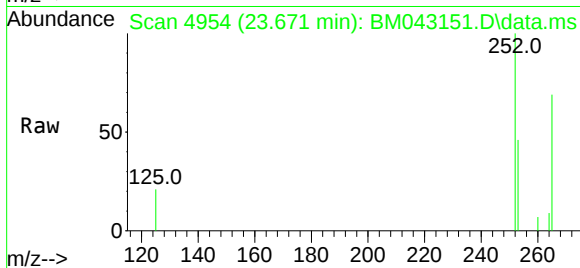
Tgt Ion:252 Resp: 2381

Ion Ratio Lower Upper

252 100

253 45.9 36.6 55.0

125 20.5 16.2 24.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.395 ng/ul

RT: 26.235 min Scan# 5777

Delta R.T. 0.030 min

Lab File: BM043151.D

Acq: 02 Dec 2023 09:09

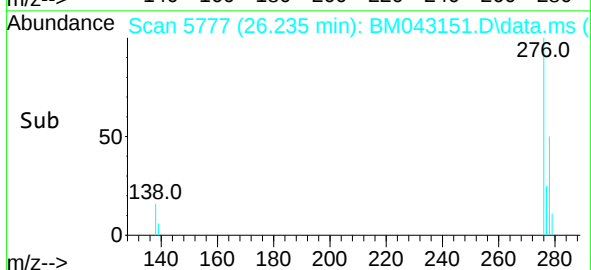
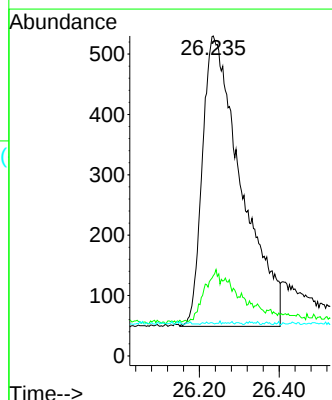
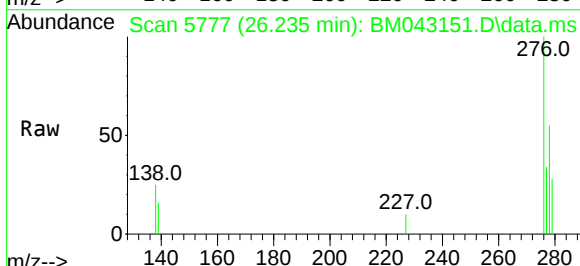
Tgt Ion:276 Resp: 3252

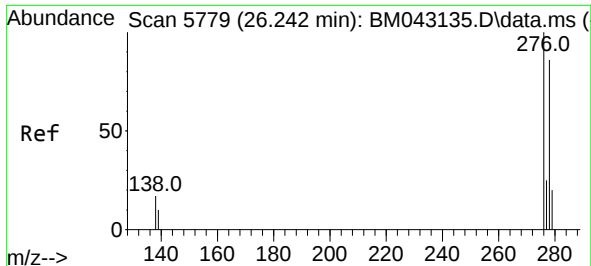
Ion Ratio Lower Upper

276 100

138 15.4 0.0 0.0#

227 0.1 0.2 0.2#

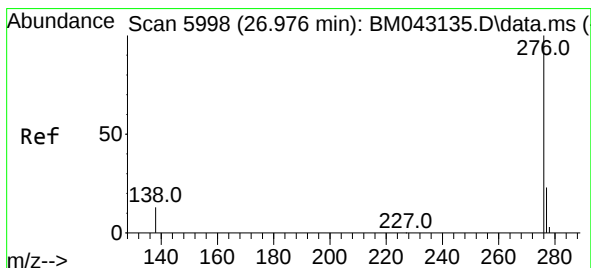
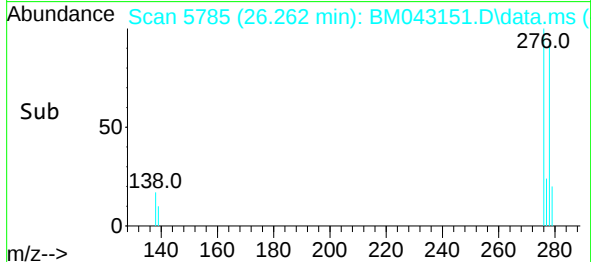
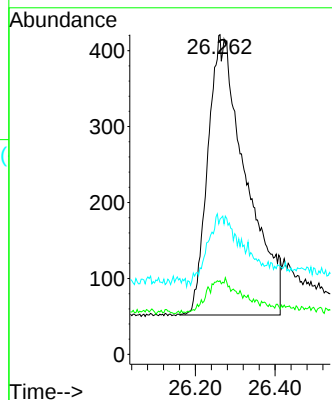
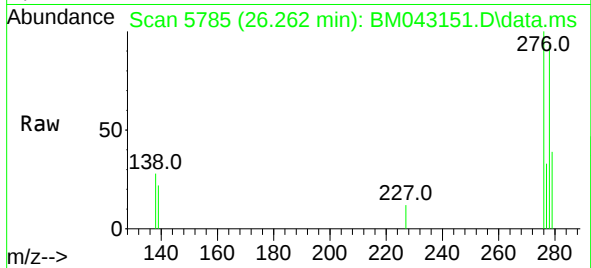




#28
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 26.262 min Scan# 51
Delta R.T. 0.050 min
Lab File: BM043151.D
Acq: 02 Dec 2023 09:09

Instrument :
BNA_M
ClientSampleId :
SLCS357

Tgt Ion:278 Resp: 2436
Ion Ratio Lower Upper
278 100
139 23.0 18.1 27.1
279 42.3 34.4 51.6



#29
Benzo(g,h,i)perylene
Concen: 0.404 ng/ul
RT: 26.986 min Scan# 6001
Delta R.T. 0.027 min
Lab File: BM043151.D
Acq: 02 Dec 2023 09:09

Tgt Ion:276 Resp: 3229
Ion Ratio Lower Upper
276 100
138 22.8 17.8 26.8
277 31.0 23.8 35.8

