

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042623\
 Data File : BM039681.D
 Acq On : 26 Apr 2023 16:45
 Operator : CG/JU
 Sample : PB152372BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS372

Quant Time: Apr 27 01:03:25 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 26 19:06:24 2023
 Response via : Initial Calibration

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

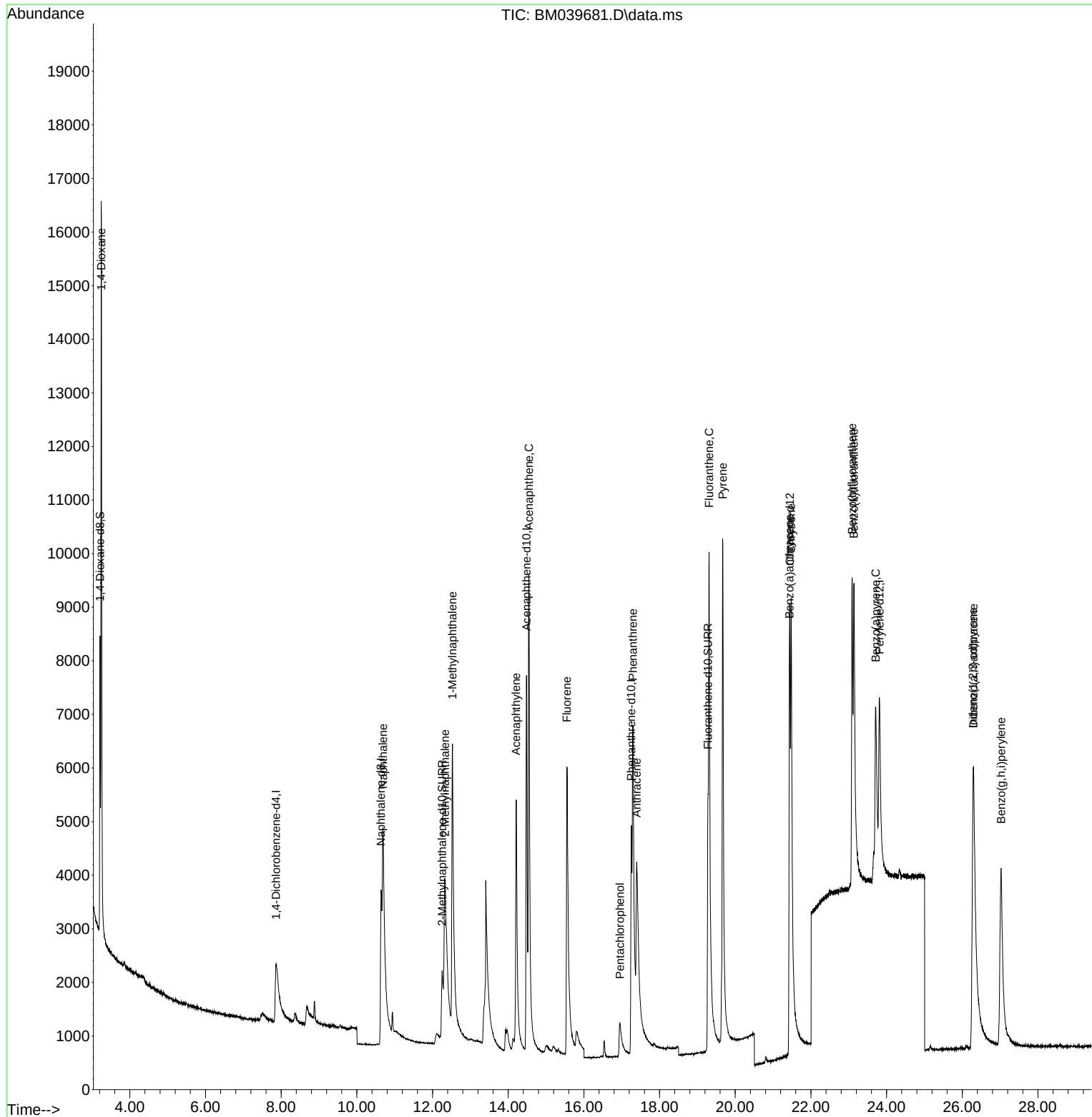
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	2127	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	11028	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.483	164	6044	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.250	188	9079	0.400	ng/ul	0.00
17) Chrysene-d12	21.442	240	7610	0.400	ng/ul	# 0.00
23) Perylene-d12	23.812	264	6386	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.214	96	3551	0.902	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	5526	0.433	ng/ul	0.02
18) Fluoranthene-d10	19.280	212	9440	0.398	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	8975	2.129	ng/ul#	78
5) Naphthalene	10.694	128	10960	0.418	ng/ul	98
7) 2-Methylnaphthalene	12.327	142	6022	0.409	ng/ul	95
8) 1-Methylnaphthalene	12.525	142	6502	0.390	ng/ul	98
10) Acenaphthylene	14.210	152	10363	0.442	ng/ul	98
11) Acenaphthene	14.548	153	8061	0.436	ng/ul	99
12) Fluorene	15.552	166	8173	0.444	ng/ul	98
14) Pentachlorophenol	16.951	266	1285	0.594	ng/ul#	81
15) Phenanthrene	17.297	178	10829	0.430	ng/ul	97
16) Anthracene	17.394	178	8048	0.420	ng/ul	98
19) Fluoranthene	19.308	202	12370	0.393	ng/ul	98
20) Pyrene	19.671	202	14094	0.390	ng/ul	99
21) Benzo(a)anthracene	21.430	228	7616	0.434	ng/ul	98
22) Chrysene	21.477	228	10706	0.498	ng/ul	100
24) Benzo(b)fluoranthene	23.087	252	9926	0.490	ng/ul	95
25) Benzo(k)fluoranthene	23.137	252	9735	0.504	ng/ul	95
26) Benzo(a)pyrene	23.710	252	9467	0.464	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.286	276	13062	0.508	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.300	278	9950	0.553	ng/ul	96
29) Benzo(g,h,i)perylene	27.024	276	11895	0.482	ng/ul	99

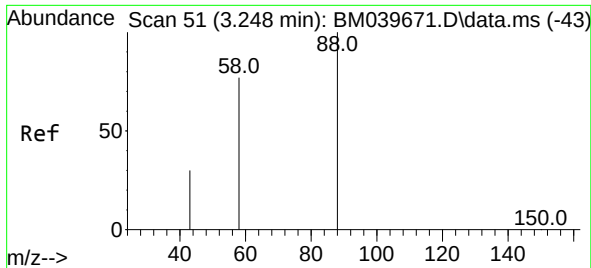
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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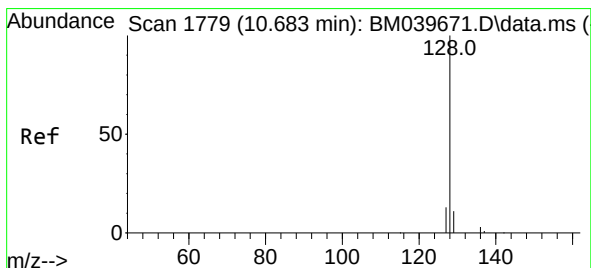
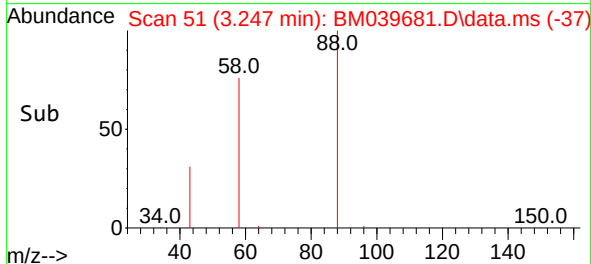
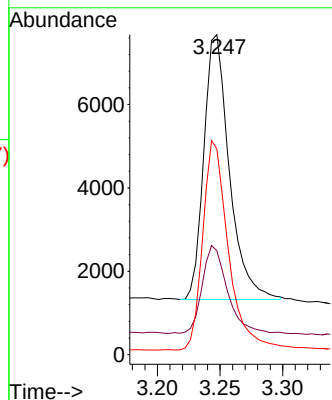
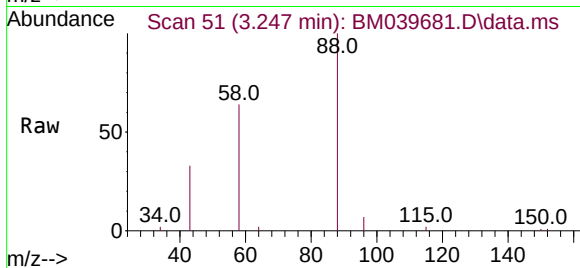




#2
1,4-Dioxane
Concen: 2.129 ng/ul
RT: 3.247 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM039681.D
Acq: 26 Apr 2023 16:45

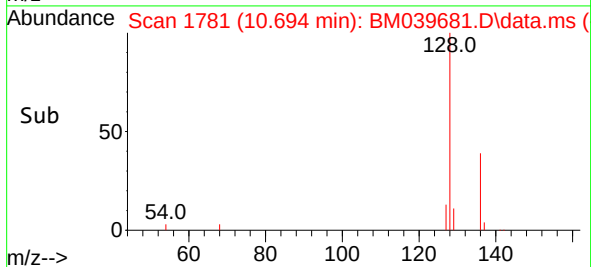
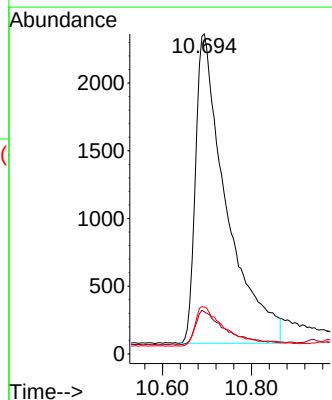
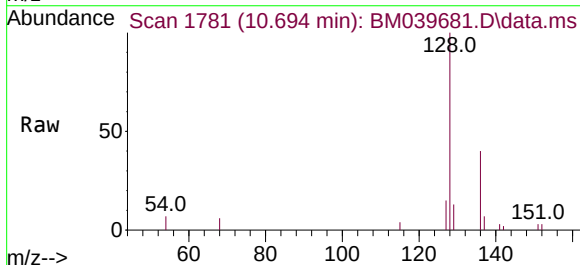
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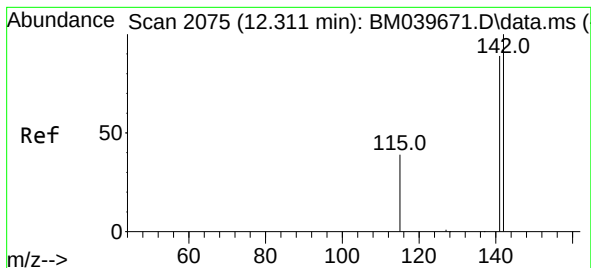
Tgt Ion: 88 Resp: 8975
Ion Ratio Lower Upper
88 100
43 32.5 30.6 45.8
58 64.3 34.1 51.1#



#5
Naphthalene
Concen: 0.418 ng/ul
RT: 10.694 min Scan# 1781
Delta R.T. 0.011 min
Lab File: BM039681.D
Acq: 26 Apr 2023 16:45

Tgt Ion: 128 Resp: 10960
Ion Ratio Lower Upper
128 100
129 13.2 10.1 15.1
127 14.6 11.0 16.4

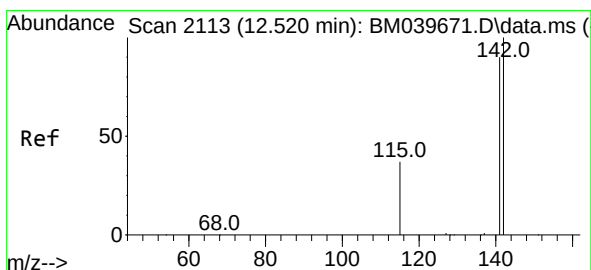
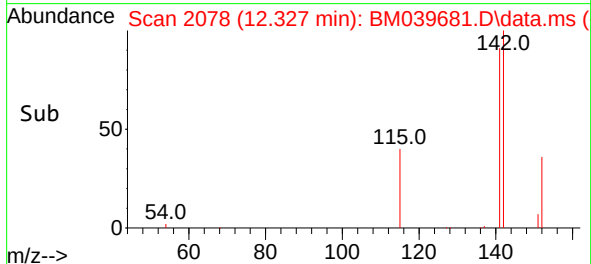
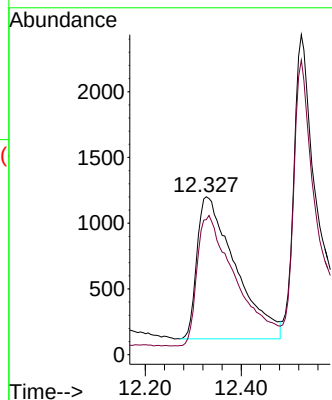
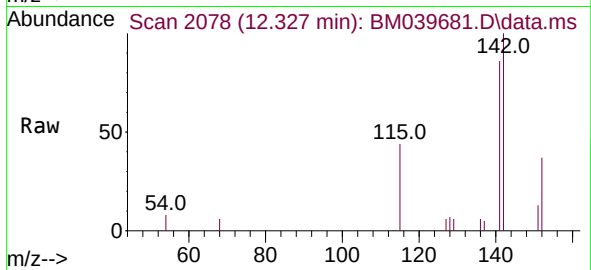




#7
2-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.327 min Scan# 2078
Delta R.T. 0.016 min
Lab File: BM039681.D
Acq: 26 Apr 2023 16:45

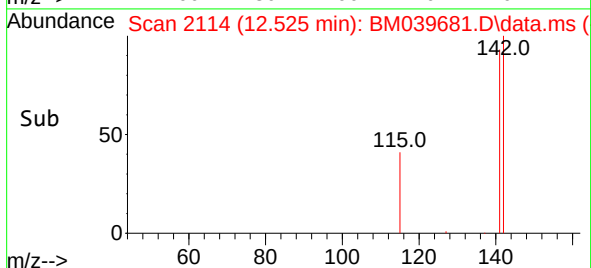
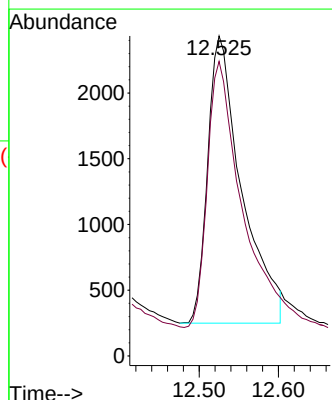
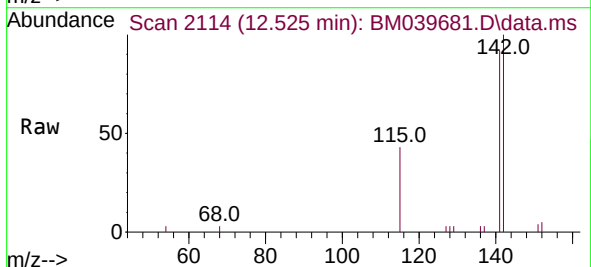
Instrument :
BNA_M
ClientSampleId :
SLCS372

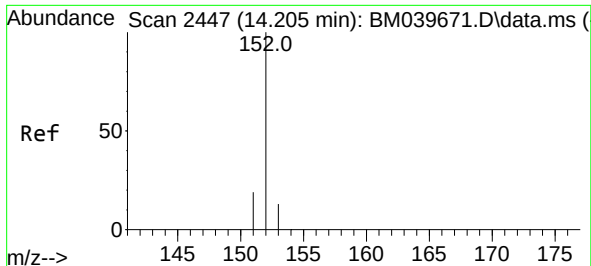
Tgt Ion:142 Resp: 6022
Ion Ratio Lower Upper
142 100
141 94.1 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.525 min Scan# 2114
Delta R.T. 0.005 min
Lab File: BM039681.D
Acq: 26 Apr 2023 16:45

Tgt Ion:142 Resp: 6502
Ion Ratio Lower Upper
142 100
141 92.7 72.6 109.0

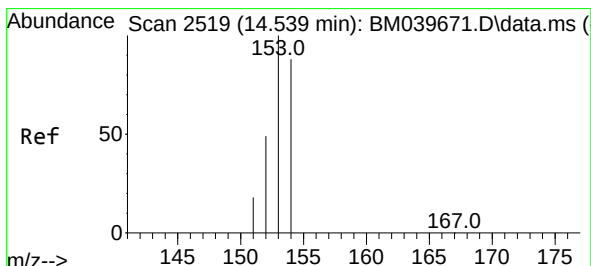
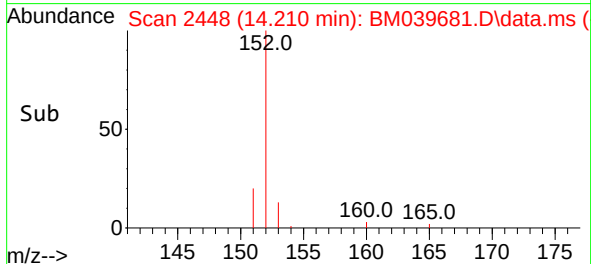
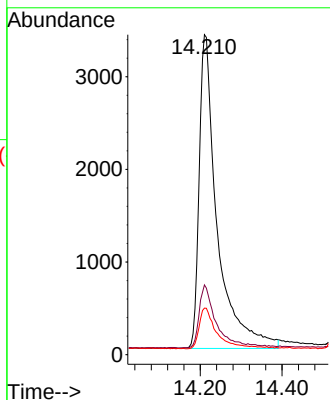
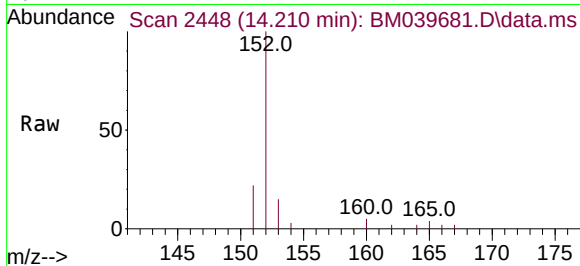




#10
Acenaphthylene
Concen: 0.442 ng/u1
RT: 14.210 min Scan# 2448
Delta R.T. 0.005 min
Lab File: BM039681.D
Acq: 26 Apr 2023 16:45

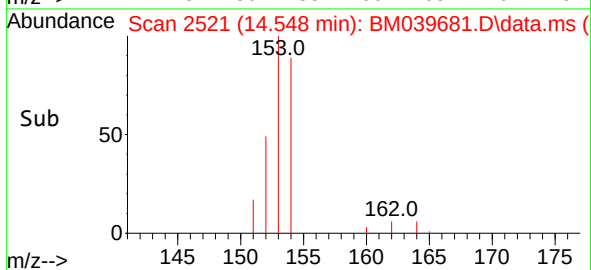
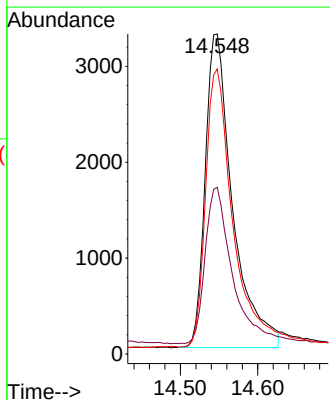
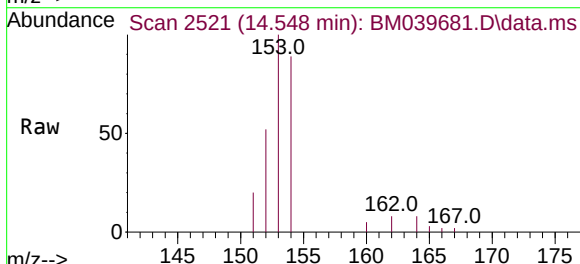
Instrument :
BNA_M
ClientSampleId :
SLCS372

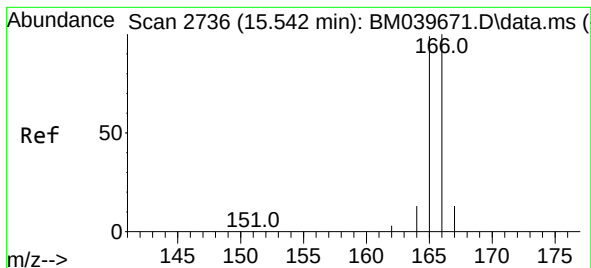
Tgt Ion:	152	Resp:	10363
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.2	24.4
153	14.5	11.6	17.4



#11
Acenaphthene
Concen: 0.436 ng/u1
RT: 14.548 min Scan# 2521
Delta R.T. 0.009 min
Lab File: BM039681.D
Acq: 26 Apr 2023 16:45

Tgt Ion:	153	Resp:	8061
Ion Ratio	Lower	Upper	
153	100		
152	52.1	40.3	60.5
154	89.0	71.5	107.3





#12

Fluorene

Concen: 0.444 ng/ul

RT: 15.552 min Scan# 21

Delta R.T. 0.009 min

Lab File: BM039681.D

Acq: 26 Apr 2023 16:45

Instrument :

BNA_M

ClientSampleId :

SLCS372

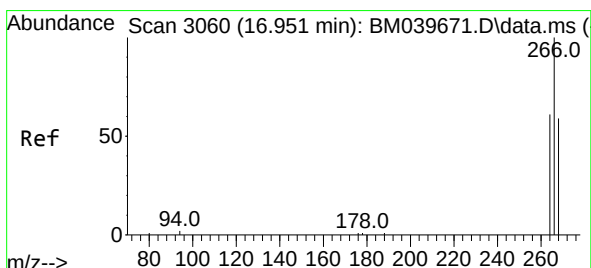
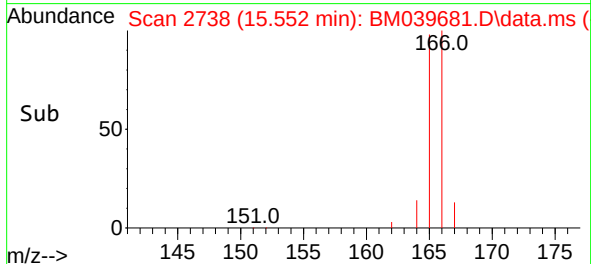
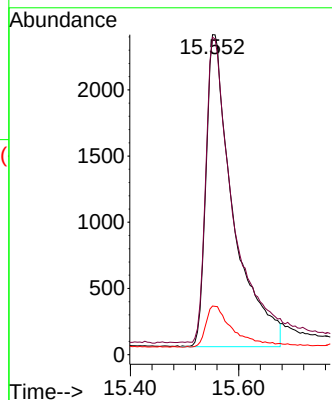
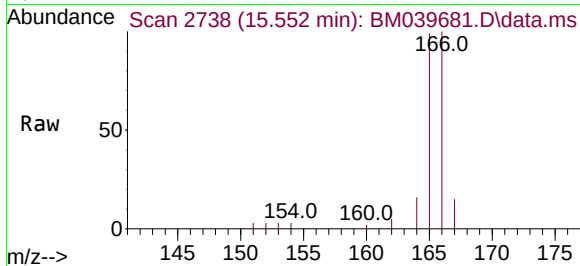
Tgt Ion:166 Resp: 8173

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.8

167 15.2 11.8 17.6



#14

Pentachlorophenol

Concen: 0.594 ng/ul

RT: 16.951 min Scan# 3060

Delta R.T. -0.000 min

Lab File: BM039681.D

Acq: 26 Apr 2023 16:45

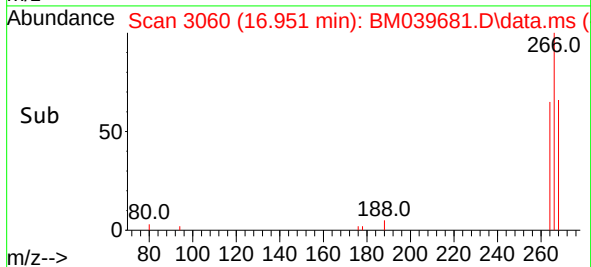
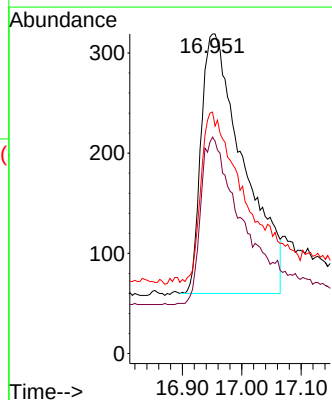
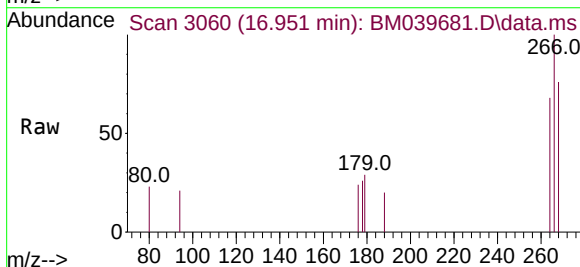
Tgt Ion:266 Resp: 1285

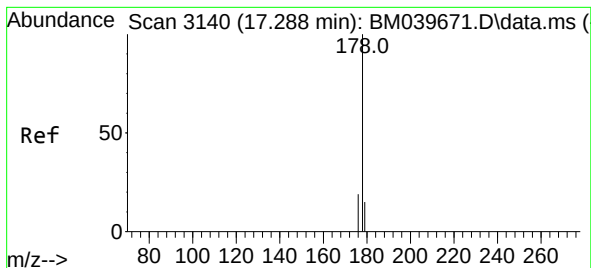
Ion Ratio Lower Upper

266 100

264 63.6 39.6 59.4#

268 65.5 42.4 63.6#





#15

Phenanthrene

Concen: 0.430 ng/ul

RT: 17.297 min Scan# 3142

Delta R.T. 0.008 min

Lab File: BM039681.D

Acq: 26 Apr 2023 16:45

Instrument :

BNA_M

ClientSampleId :

SLCS372

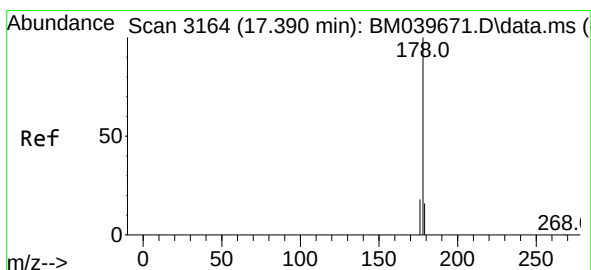
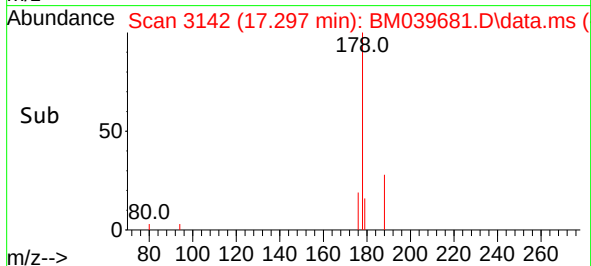
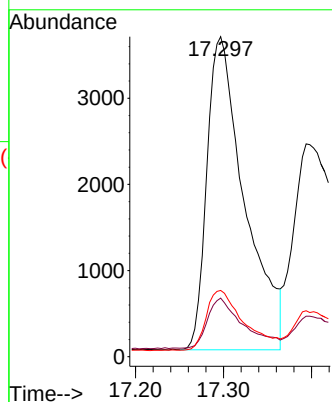
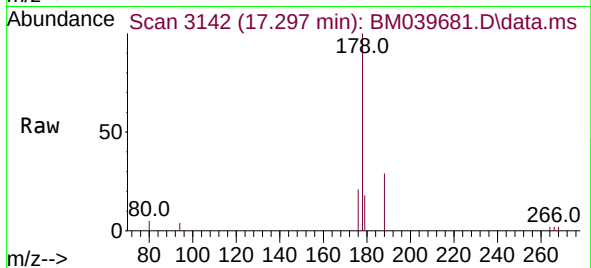
Tgt Ion:178 Resp: 10829

Ion Ratio Lower Upper

178 100

179 18.3 13.4 20.2

176 20.7 15.8 23.6



#16

Anthracene

Concen: 0.420 ng/ul

RT: 17.394 min Scan# 3165

Delta R.T. 0.004 min

Lab File: BM039681.D

Acq: 26 Apr 2023 16:45

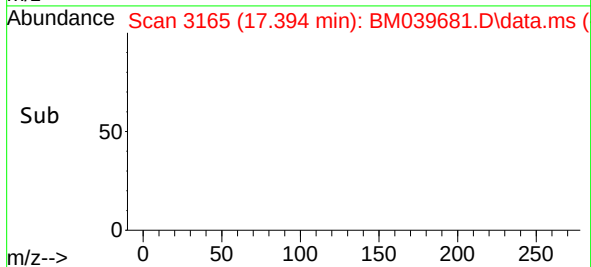
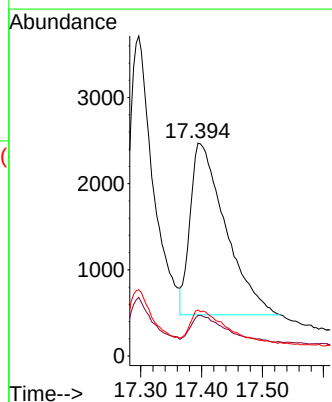
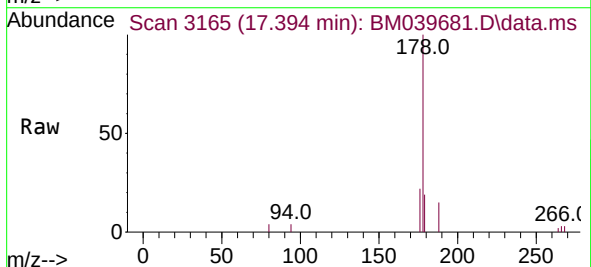
Tgt Ion:178 Resp: 8048

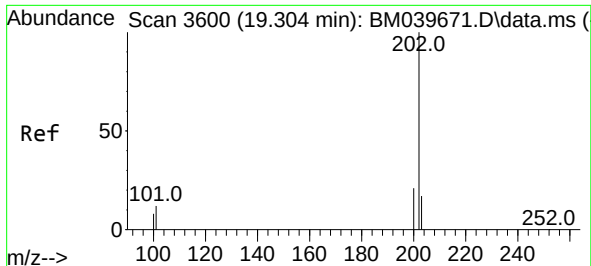
Ion Ratio Lower Upper

178 100

179 19.0 14.6 21.8

176 21.6 16.6 24.8

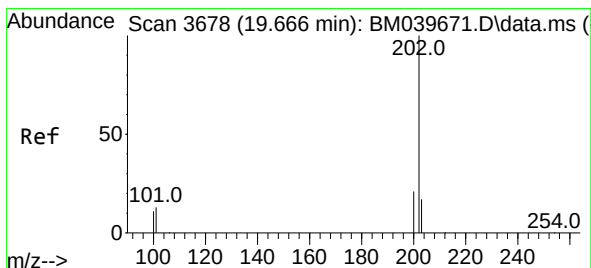
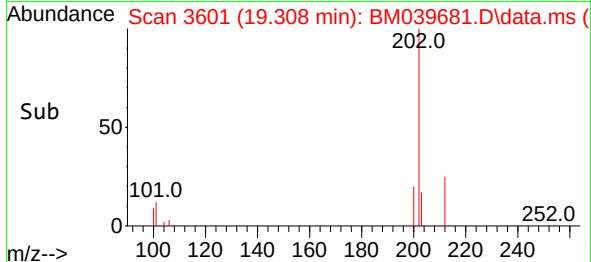
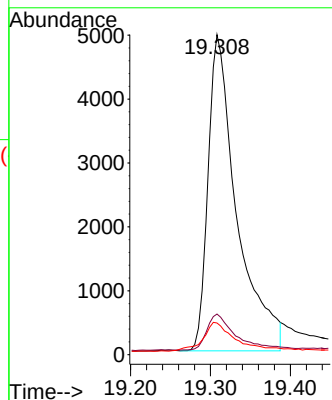
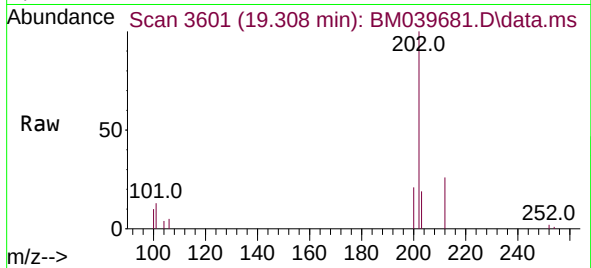




#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.308 min Scan# 3601
Delta R.T. 0.005 min
Lab File: BM039681.D
Acq: 26 Apr 2023 16:45

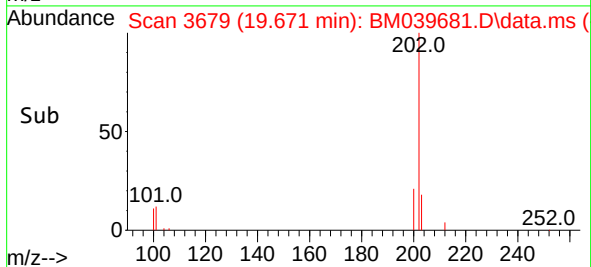
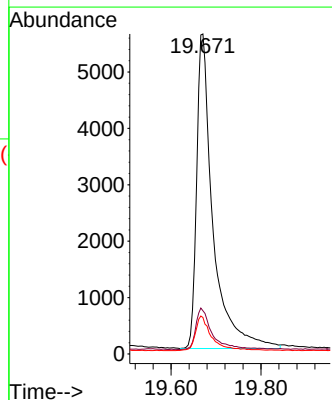
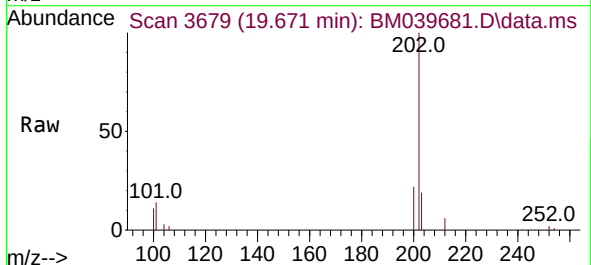
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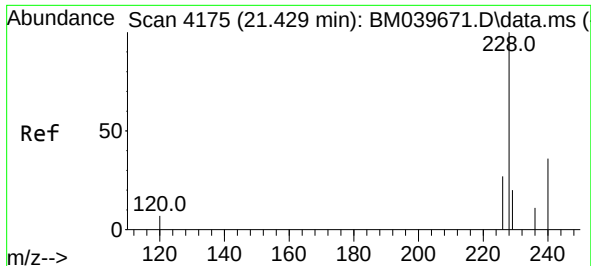
Tgt Ion:202 Resp: 12370
Ion Ratio Lower Upper
202 100
101 12.7 9.7 14.5
100 9.9 7.4 11.0



#20
Pyrene
Concen: 0.390 ng/ul
RT: 19.671 min Scan# 3679
Delta R.T. 0.005 min
Lab File: BM039681.D
Acq: 26 Apr 2023 16:45

Tgt Ion:202 Resp: 14094
Ion Ratio Lower Upper
202 100
101 13.5 11.1 16.7
100 11.4 8.8 13.2

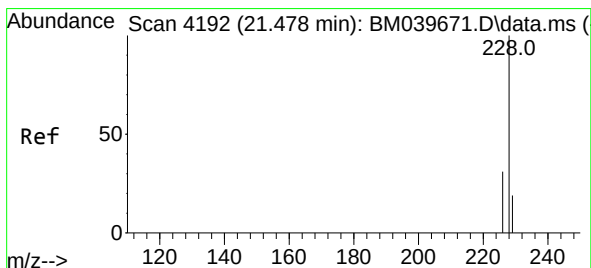
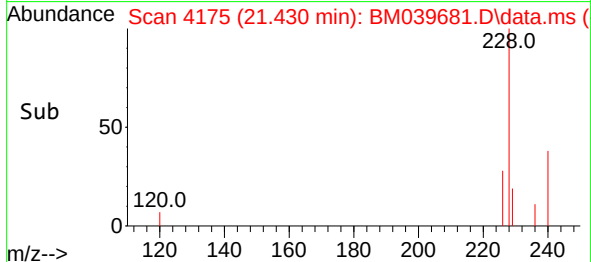
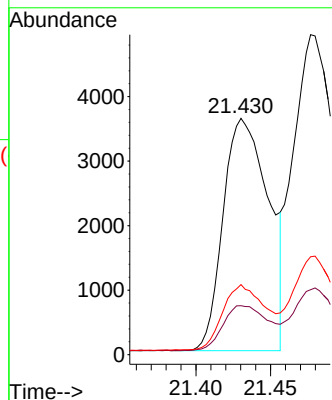
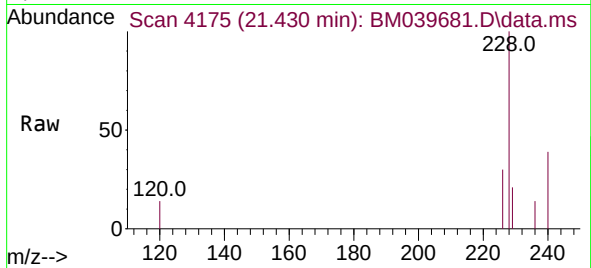




#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.430 min Scan# 4175
Delta R.T. 0.002 min
Lab File: BM039681.D
Acq: 26 Apr 2023 16:45

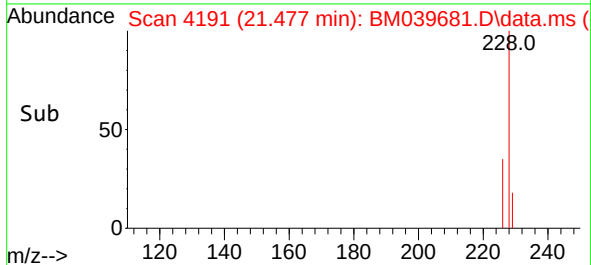
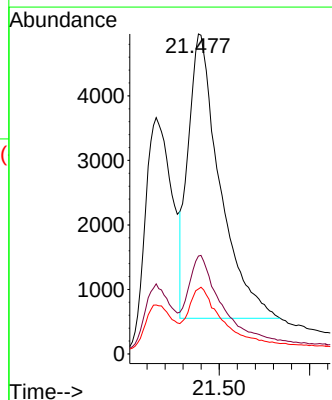
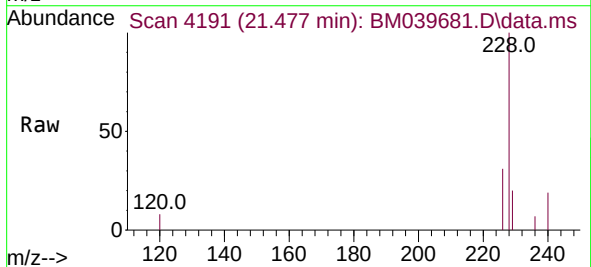
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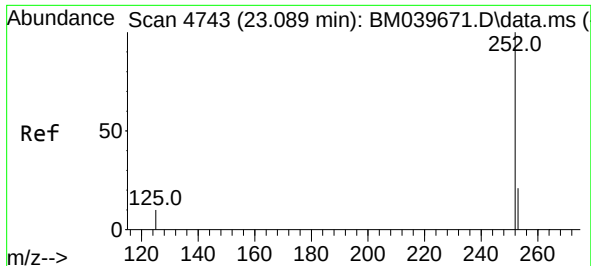
Tgt Ion:228 Resp: 7616
Ion Ratio Lower Upper
228 100
229 20.7 16.6 24.8
226 29.6 22.6 34.0



#22
Chrysene
Concen: 0.498 ng/ul
RT: 21.477 min Scan# 4191
Delta R.T. -0.001 min
Lab File: BM039681.D
Acq: 26 Apr 2023 16:45

Tgt Ion:228 Resp: 10706
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 20.3 16.2 24.4

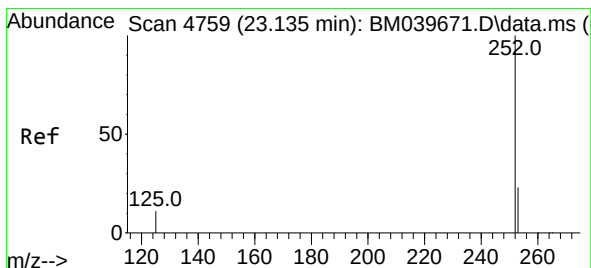
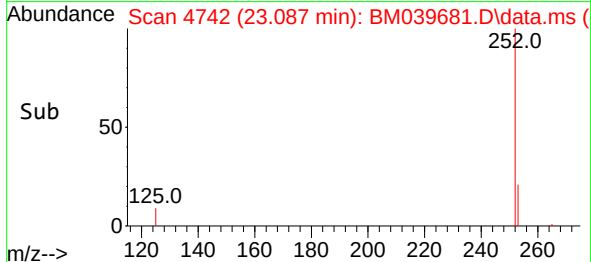
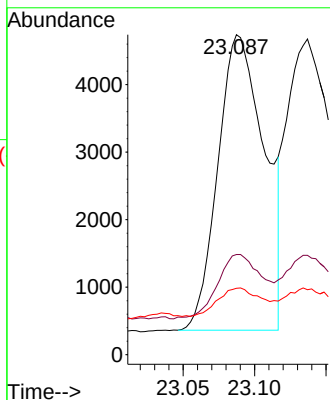
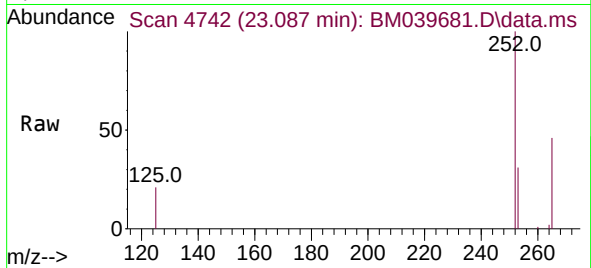




#24
Benzo(b)fluoranthene
Concen: 0.490 ng/ul
RT: 23.087 min Scan# 4743
Delta R.T. -0.001 min
Lab File: BM039681.D
Acq: 26 Apr 2023 16:45

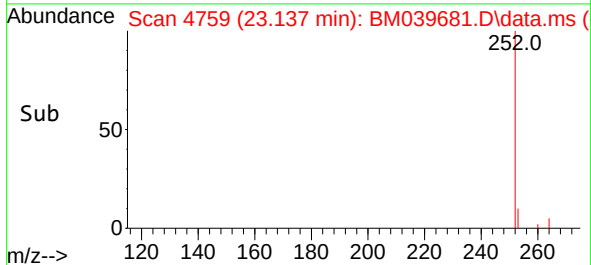
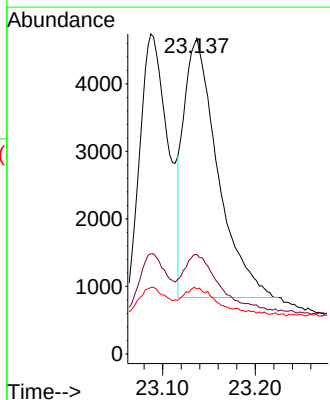
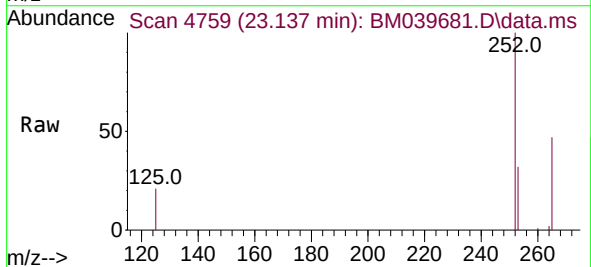
Instrument :
BNA_M
ClientSampleId :
SLCS372

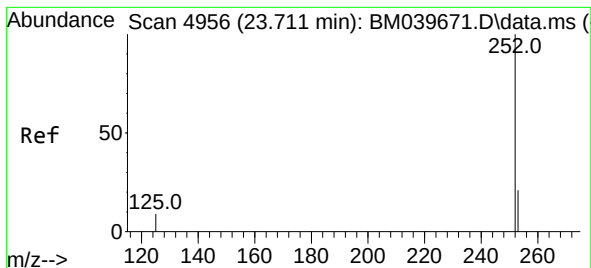
Tgt Ion:252 Resp: 9926
Ion Ratio Lower Upper
252 100
253 31.3 0.0 64.4
125 20.8 0.0 50.4



#25
Benzo(k)fluoranthene
Concen: 0.504 ng/ul
RT: 23.137 min Scan# 4759
Delta R.T. 0.002 min
Lab File: BM039681.D
Acq: 26 Apr 2023 16:45

Tgt Ion:252 Resp: 9735
Ion Ratio Lower Upper
252 100
253 31.5 25.5 38.3
125 20.6 20.4 30.6





#26

Benzo(a)pyrene

Concen: 0.464 ng/ul

RT: 23.710 min Scan# 4956

Delta R.T. -0.001 min

Lab File: BM039681.D

Acq: 26 Apr 2023 16:45

Instrument :

BNA_M

ClientSampleId :

SLCS372

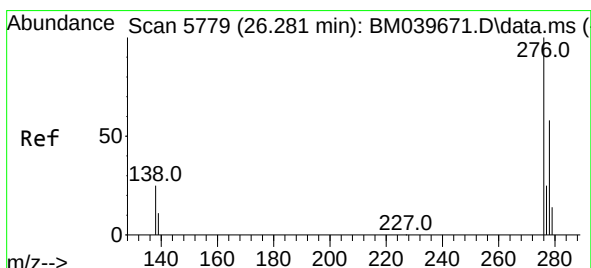
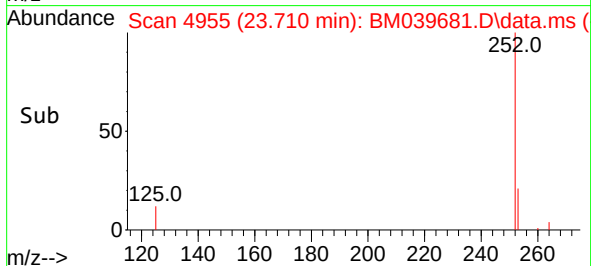
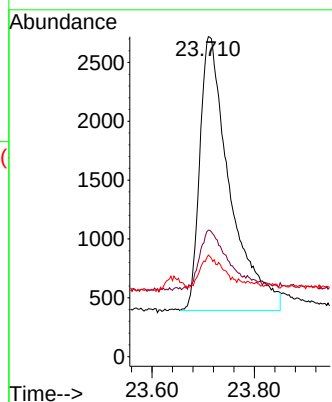
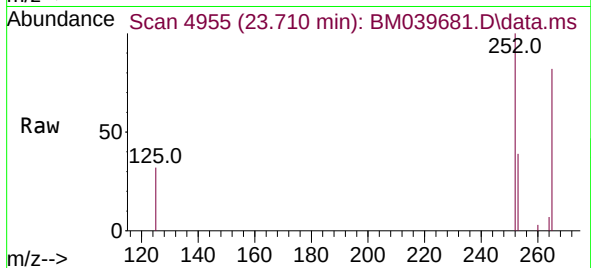
Tgt Ion:252 Resp: 9467

Ion Ratio Lower Upper

252 100

253 39.5 31.0 46.4

125 31.7 28.2 42.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.508 ng/ul

RT: 26.286 min Scan# 5780

Delta R.T. 0.005 min

Lab File: BM039681.D

Acq: 26 Apr 2023 16:45

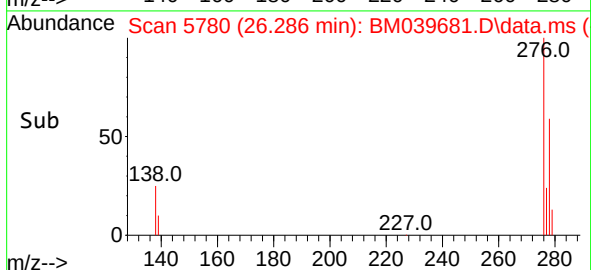
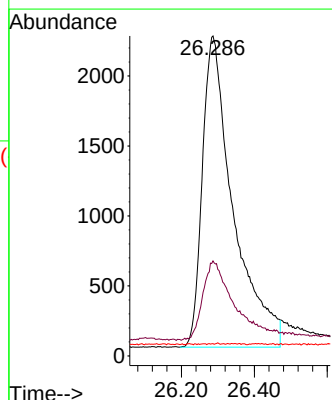
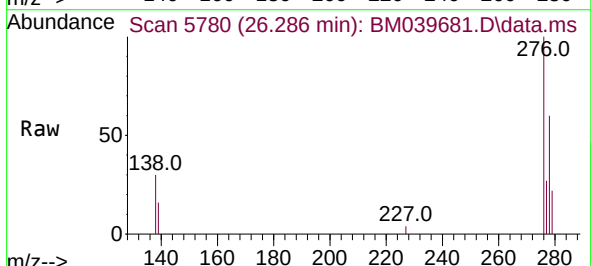
Tgt Ion:276 Resp: 13062

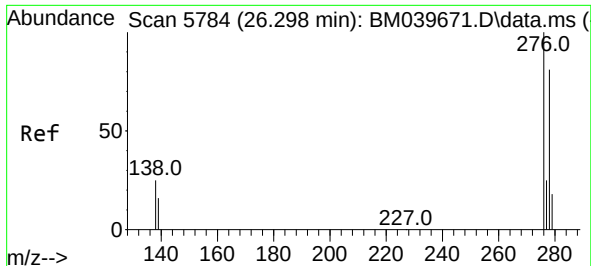
Ion Ratio Lower Upper

276 100

138 25.6 21.4 32.0

227 0.1 0.1 0.1#

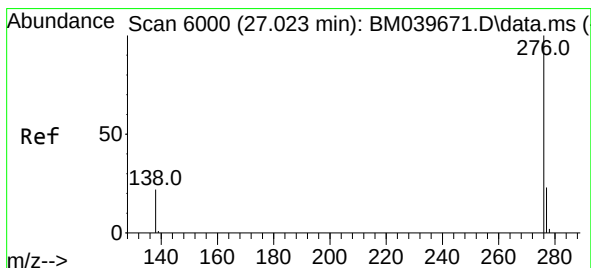
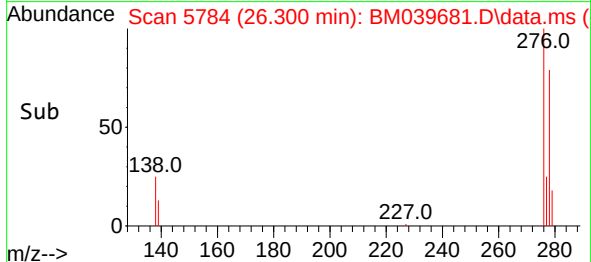
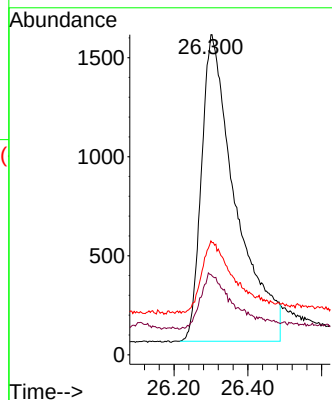
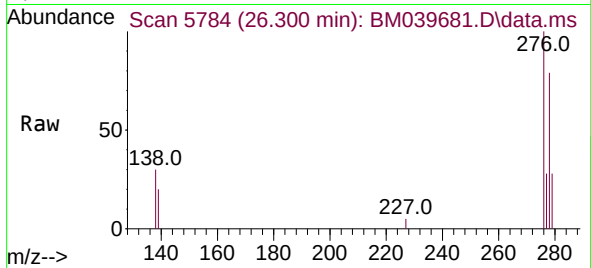




#28
Dibenzo(a,h)anthracene
Concen: 0.553 ng/ul
RT: 26.300 min Scan# 51
Delta R.T. 0.002 min
Lab File: BM039681.D
Acq: 26 Apr 2023 16:45

Instrument :
BNA_M
ClientSampleId :
SLCS372

Tgt Ion:278 Resp: 9950
Ion Ratio Lower Upper
278 100
139 25.1 21.8 32.6
279 35.6 30.0 45.0



#29
Benzo(g,h,i)perylene
Concen: 0.482 ng/ul
RT: 27.024 min Scan# 6000
Delta R.T. 0.002 min
Lab File: BM039681.D
Acq: 26 Apr 2023 16:45

Tgt Ion:276 Resp: 11895
Ion Ratio Lower Upper
276 100
138 27.6 22.2 33.2
277 27.2 21.2 31.8

