

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039884.D
 Acq On : 09 May 2023 01:01
 Operator : CG/JU
 Sample : PB152659BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS659

Quant Time: May 09 02:37:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 02:35:28 2023
 Response via : Initial Calibration

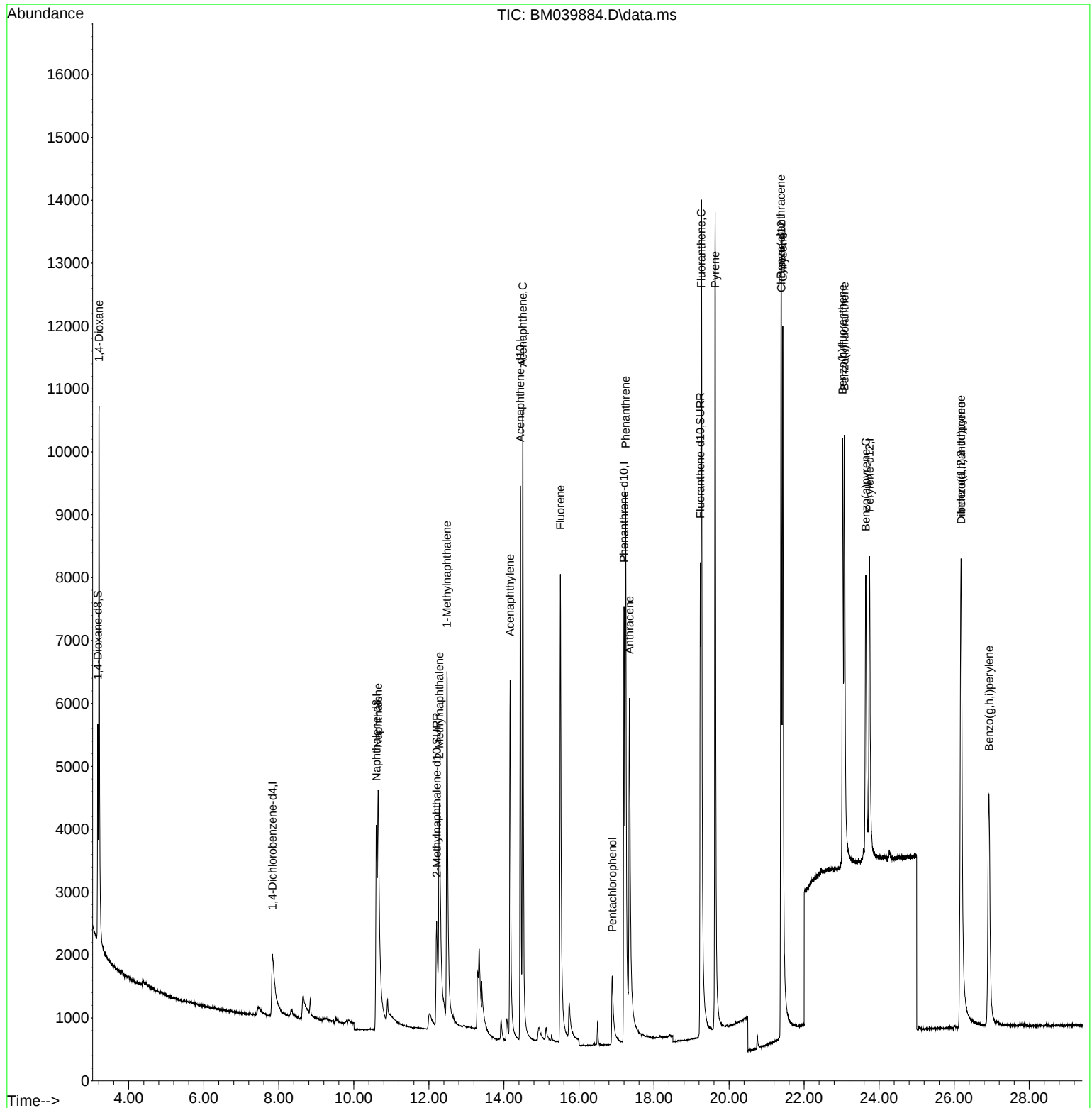
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	2018	0.400	ng/ul	0.02
4) Naphthalene-d8	10.601	136	9782	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.437	164	6121	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	11656	0.400	ng/ul	0.00
17) Chrysene-d12	21.396	240	8999	0.400	ng/ul	0.00
23) Perylene-d12	23.743	264	7624	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	2309	0.776	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	5100	0.406	ng/ul	0.02
18) Fluoranthene-d10	19.234	212	11373	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.210	88	5879	1.908	ng/ul#	37
5) Naphthalene	10.650	128	9087	0.370	ng/ul	97
7) 2-Methylnaphthalene	12.278	142	5513	0.389	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	5948	0.391	ng/ul	100
10) Acenaphthylene	14.164	152	9716	0.410	ng/ul	99
11) Acenaphthene	14.502	153	7382	0.397	ng/ul	99
12) Fluorene	15.505	166	7937	0.384	ng/ul	99
14) Pentachlorophenol	16.887	266	1602	0.631	ng/ul	98
15) Phenanthrene	17.242	178	12023	0.392	ng/ul	99
16) Anthracene	17.343	178	10135	0.384	ng/ul	99
19) Fluoranthene	19.262	202	14521	0.452	ng/ul	99
20) Pyrene	19.629	202	15679	0.452	ng/ul	100
21) Benzo(a)anthracene	21.382	228	10638	0.411	ng/ul	98
22) Chrysene	21.431	228	12378	0.423	ng/ul	100
24) Benzo(b)fluoranthene	23.027	252	10427	0.389	ng/ul	95
25) Benzo(k)fluoranthene	23.074	252	10540	0.387	ng/ul	96
26) Benzo(a)pyrene	23.644	252	9328	0.388	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.181	276	11761	0.387	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.187	278	9140	0.387	ng/ul	96
29) Benzo(g,h,i)perylene	26.929	276	10162	0.384	ng/ul	98

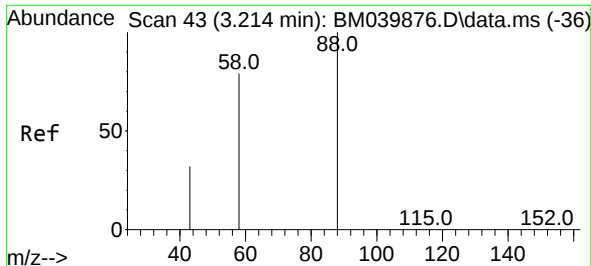
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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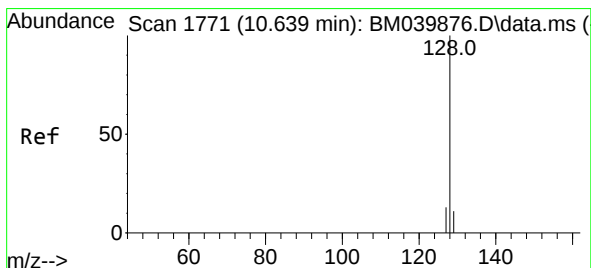
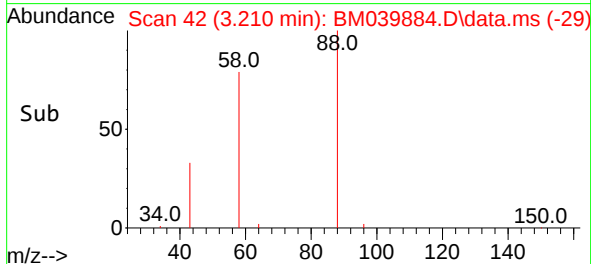
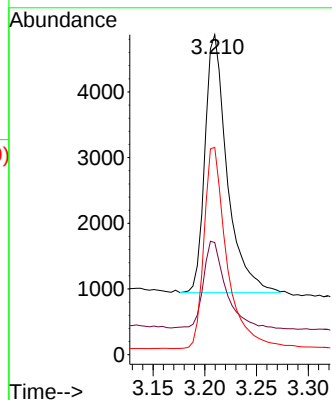
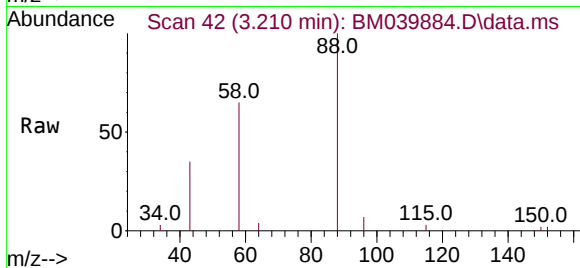




#2
1,4-Dioxane
Concen: 1.908 ng/ul
RT: 3.210 min Scan# 43
Delta R.T. -0.004 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

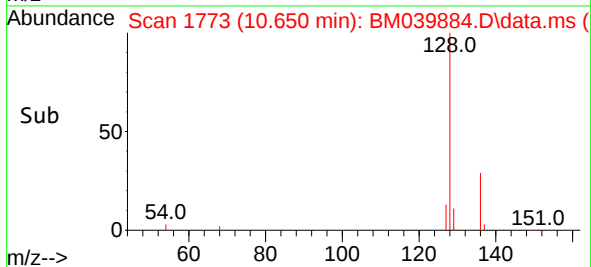
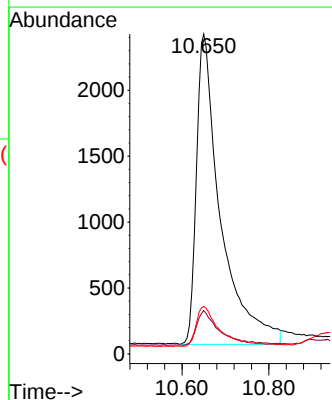
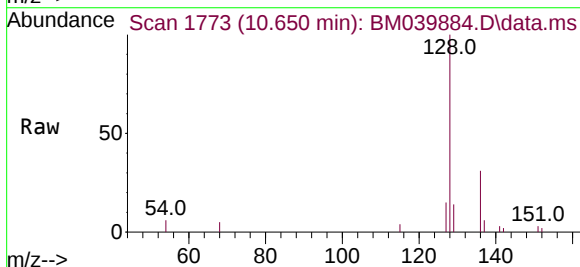
Instrument :
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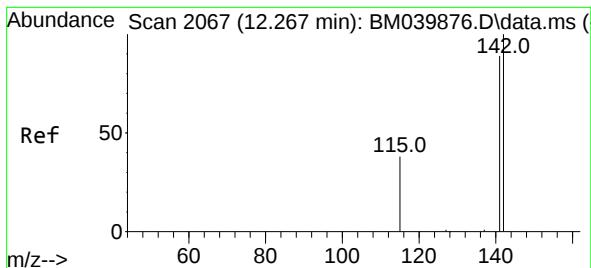
Tgt Ion: 88 Resp: 5879
Ion Ratio Lower Upper
88 100
43 35.1 102.6 153.8#
58 64.8 40.6 61.0#



#5
Naphthalene
Concen: 0.370 ng/ul
RT: 10.650 min Scan# 1773
Delta R.T. 0.011 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

Tgt Ion: 128 Resp: 9087
Ion Ratio Lower Upper
128 100
129 13.6 9.8 14.6
127 14.8 11.1 16.7

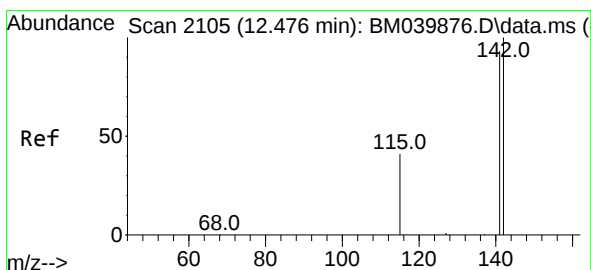
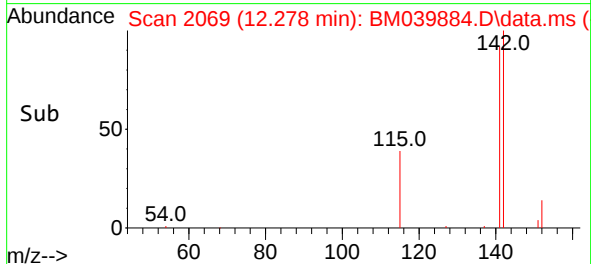
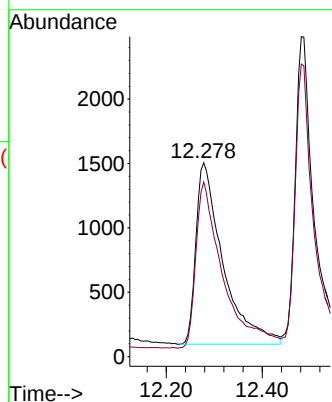
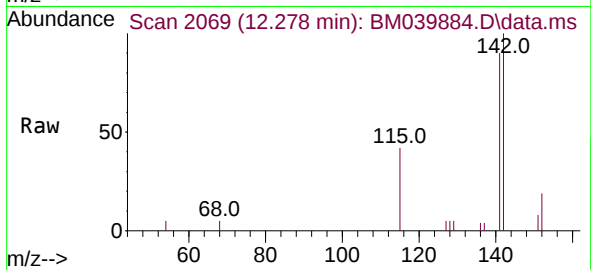




#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.278 min Scan# 2069
Delta R.T. 0.011 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

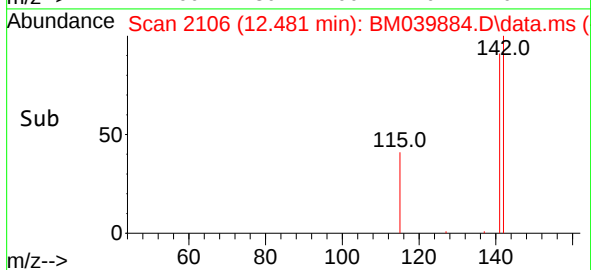
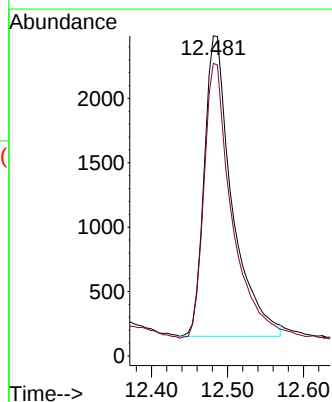
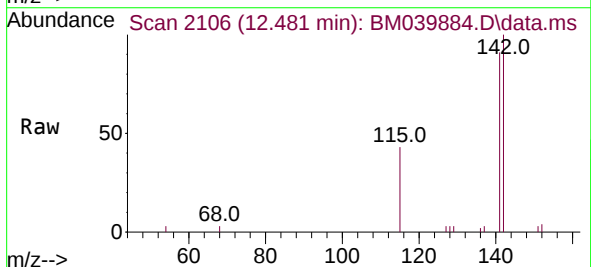
Instrument :
BNA_M
ClientSampleId :
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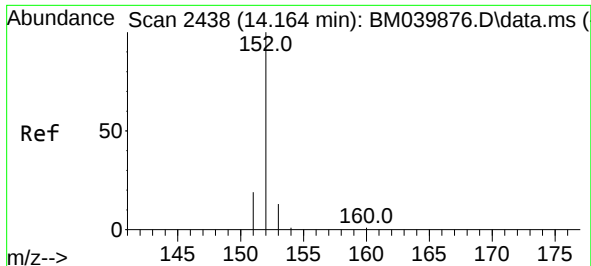
Tgt Ion:142 Resp: 5513
Ion Ratio Lower Upper
142 100
141 92.2 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. 0.006 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

Tgt Ion:142 Resp: 5948
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2

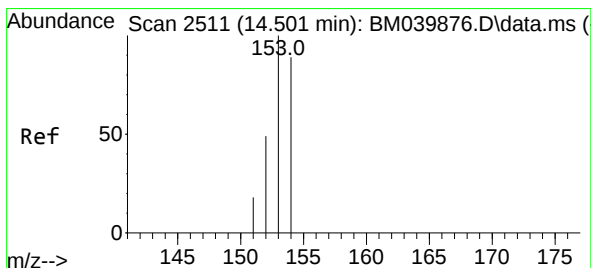
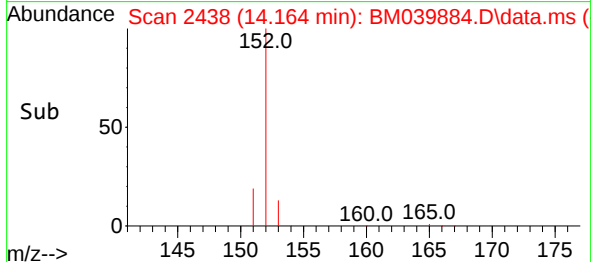
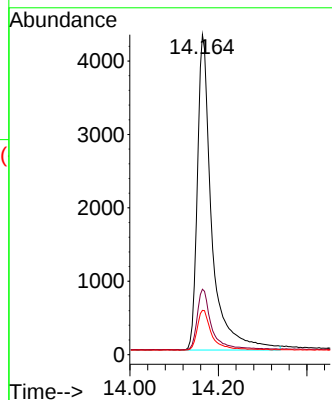
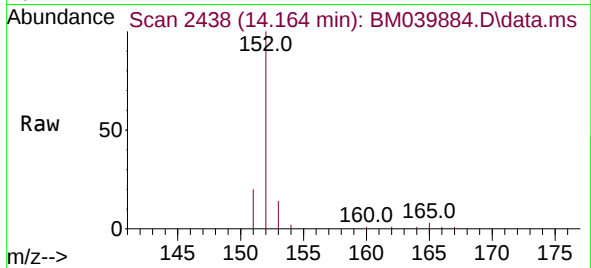




#10
Acenaphthylene
Concen: 0.410 ng/ul
RT: 14.164 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

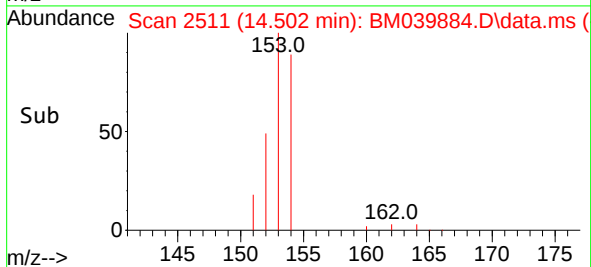
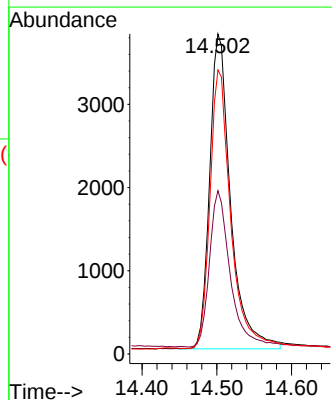
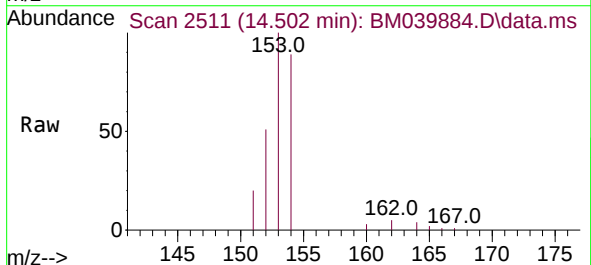
Instrument :
BNA_M
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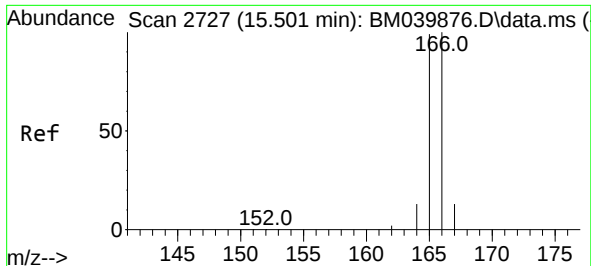
Tgt Ion:152 Resp: 9716
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.9 11.2 16.8



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.502 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

Tgt Ion:153 Resp: 7382
Ion Ratio Lower Upper
153 100
152 51.0 40.6 61.0
154 88.8 71.9 107.9

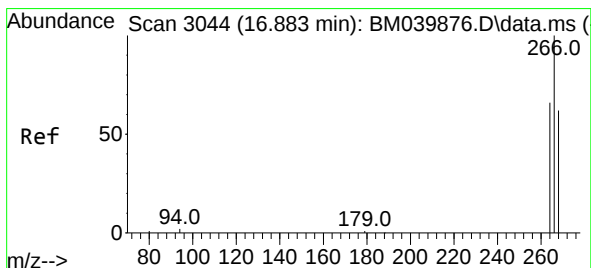
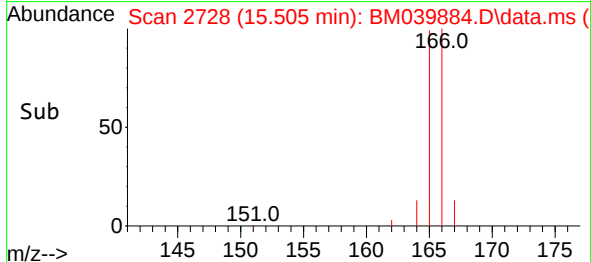
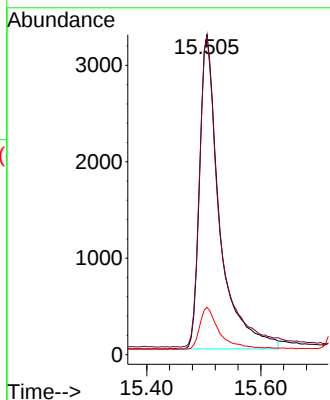
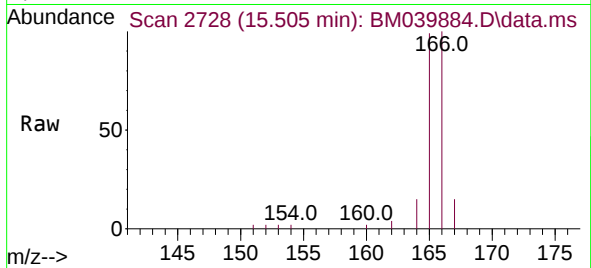




#12
Fluorene
Concen: 0.384 ng/ul
RT: 15.505 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

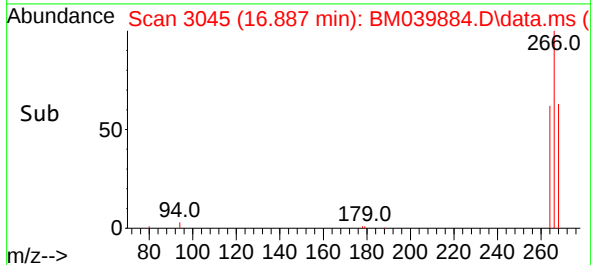
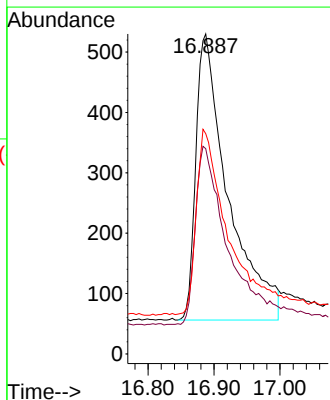
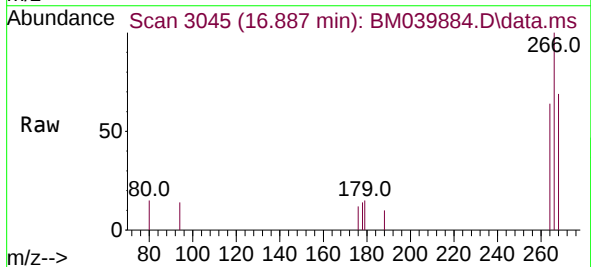
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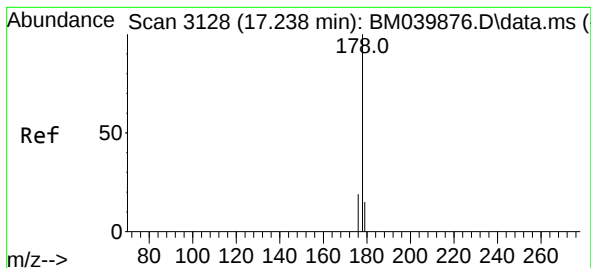
Tgt Ion:166 Resp: 7937
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 14.8 11.8 17.6



#14
Pentachlorophenol
Concen: 0.631 ng/ul
RT: 16.887 min Scan# 3045
Delta R.T. 0.004 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

Tgt Ion:266 Resp: 1602
Ion Ratio Lower Upper
266 100
264 63.0 48.8 73.2
268 64.1 50.4 75.6





#15

Phenanthrene

Concen: 0.392 ng/ul

RT: 17.242 min Scan# 3129

Delta R.T. 0.004 min

Lab File: BM039884.D

Acq: 09 May 2023 01:01

Instrument :

BNA_M

ClientSampleId :

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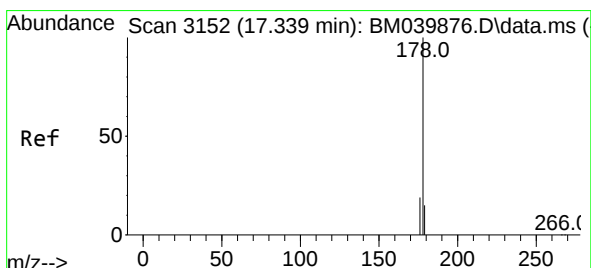
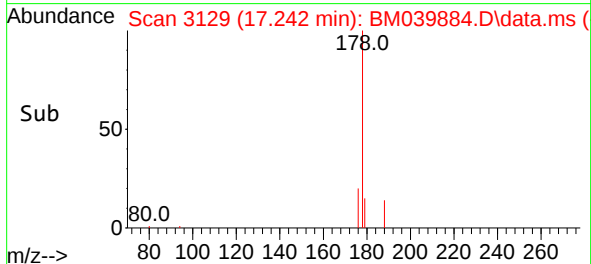
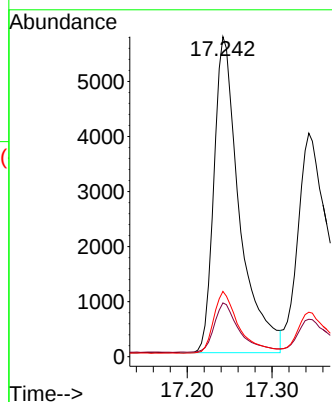
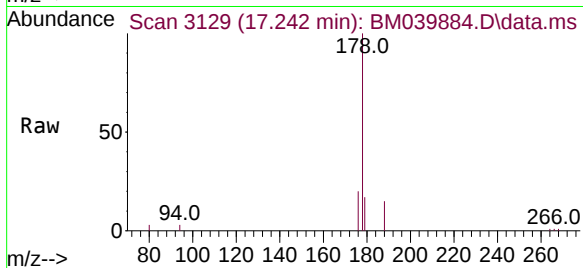
Tgt Ion:178 Resp: 12023

Ion Ratio Lower Upper

178 100

179 16.8 13.0 19.6

176 20.4 15.8 23.8



#16

Anthracene

Concen: 0.384 ng/ul

RT: 17.343 min Scan# 3153

Delta R.T. 0.004 min

Lab File: BM039884.D

Acq: 09 May 2023 01:01

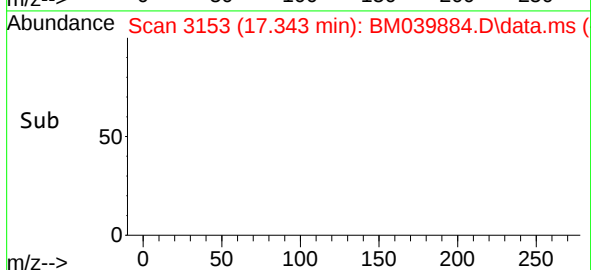
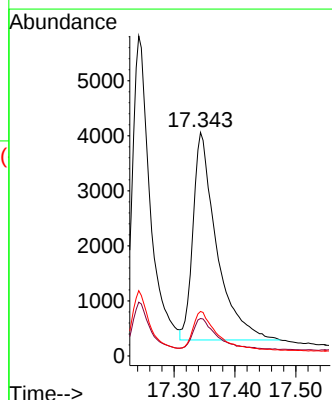
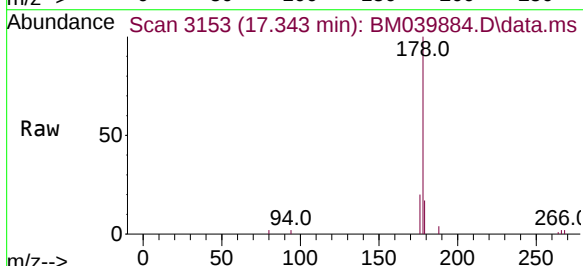
Tgt Ion:178 Resp: 10135

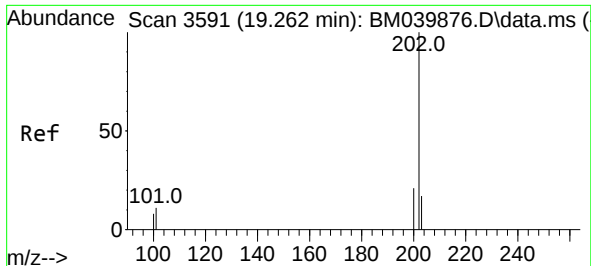
Ion Ratio Lower Upper

178 100

179 16.7 13.8 20.6

176 19.9 15.8 23.8

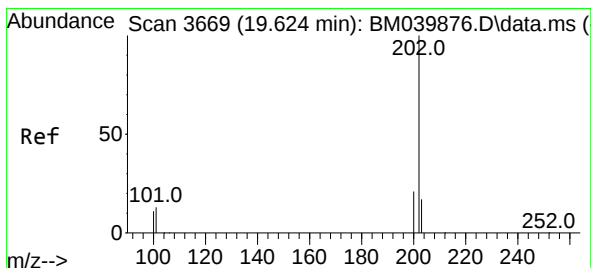
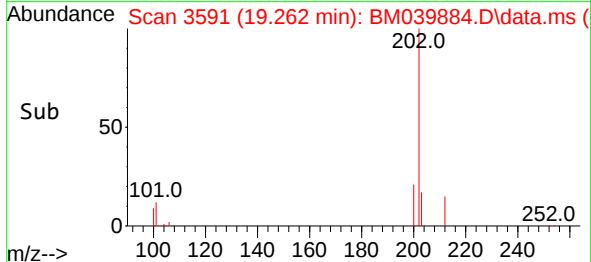
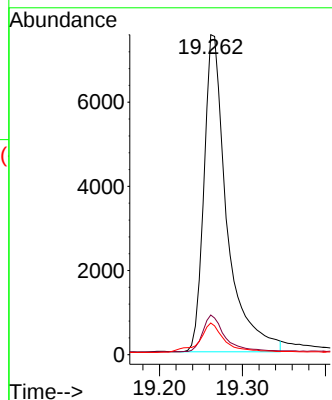
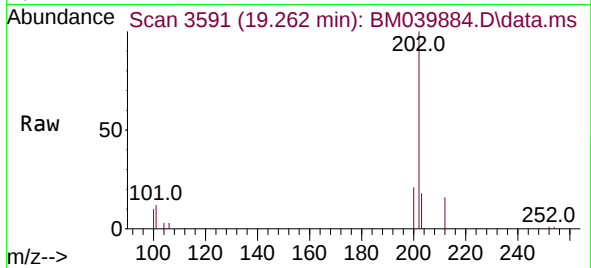




#19
Fluoranthene
Concen: 0.452 ng/ul
RT: 19.262 min Scan# 3591
Delta R.T. 0.000 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

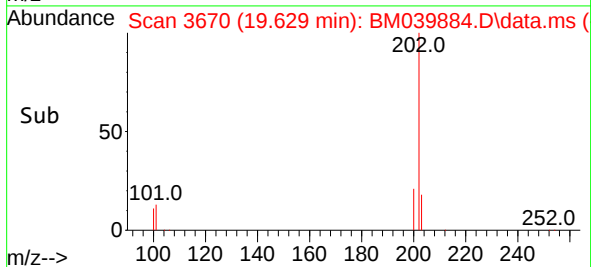
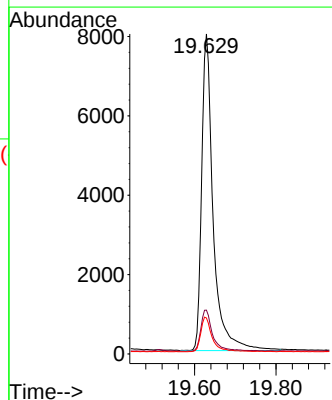
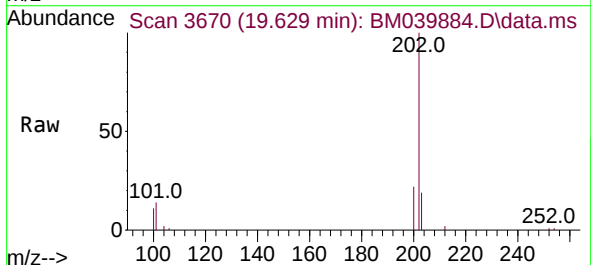
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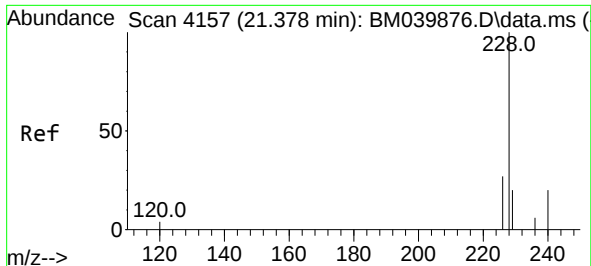
Tgt Ion:202 Resp: 14521
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 9.9 7.3 10.9



#20
Pyrene
Concen: 0.452 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. 0.005 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

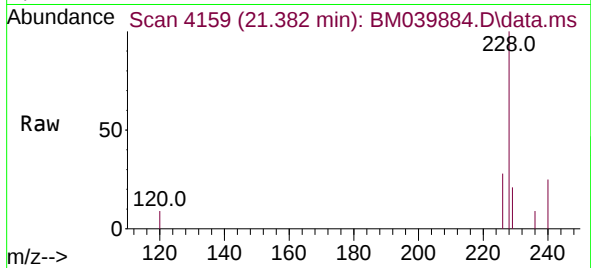
Tgt Ion:202 Resp: 15679
Ion Ratio Lower Upper
202 100
101 13.7 10.9 16.3
100 11.2 8.9 13.3



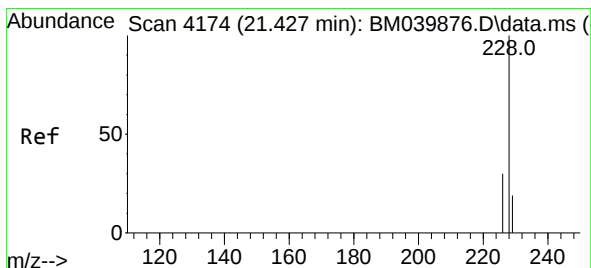
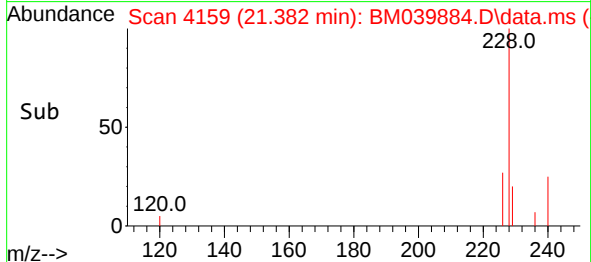
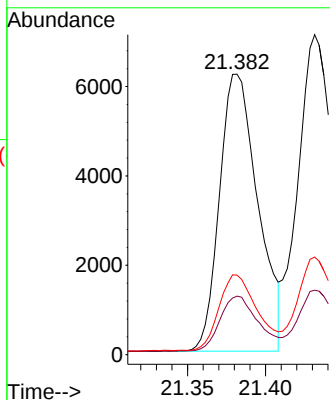


#21
Benzo(a)anthracene
Concen: 0.411 ng/ul
RT: 21.382 min Scan# 4157
Delta R.T. 0.004 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

Instrument :
BNA_M
ClientSampleId :
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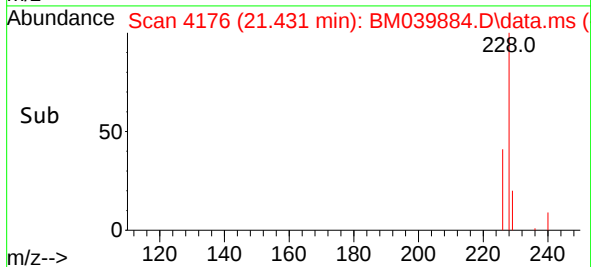
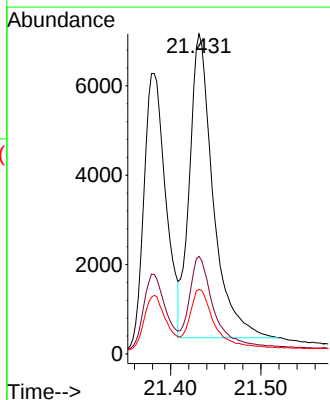
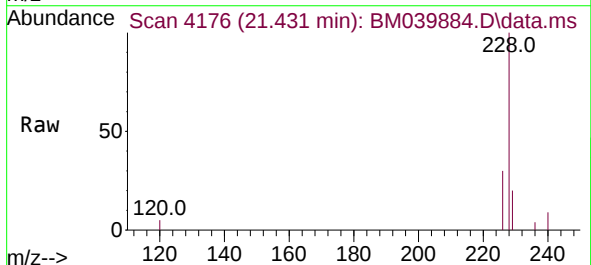


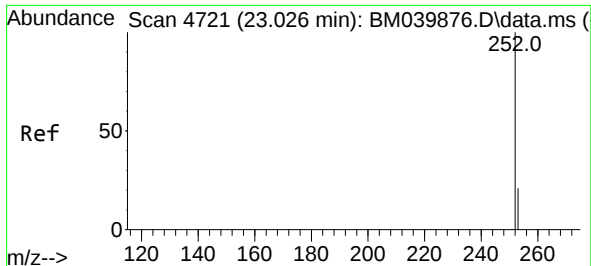
Tgt Ion:228 Resp: 10638
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 28.3 21.6 32.4



#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.431 min Scan# 4176
Delta R.T. 0.004 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

Tgt Ion:228 Resp: 12378
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 20.2 15.9 23.9

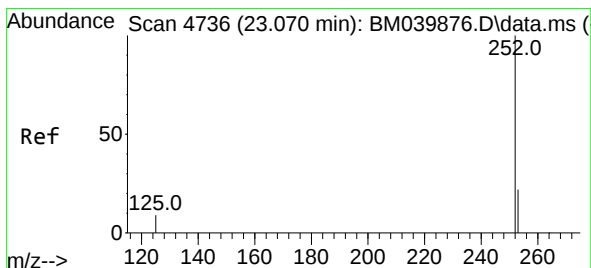
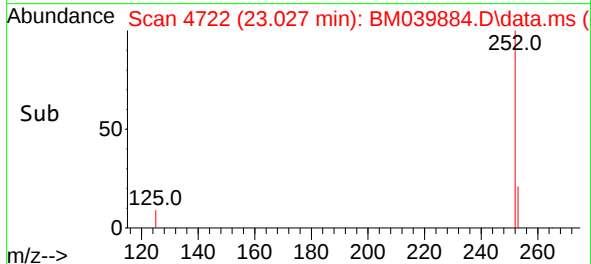
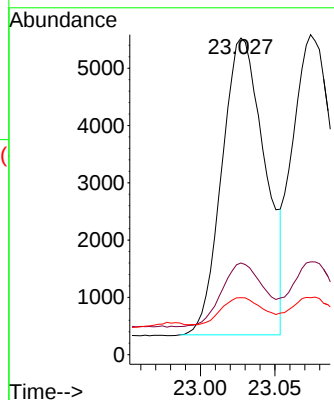
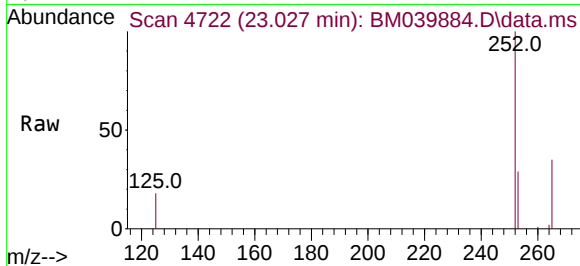




#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 23.027 min Scan# 4721
Delta R.T. 0.001 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

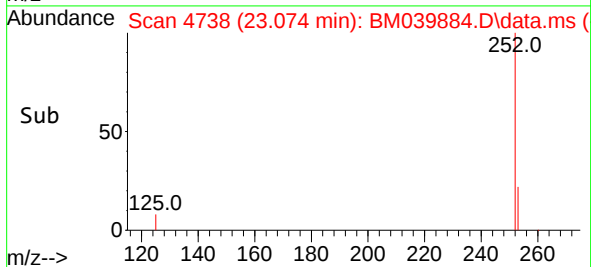
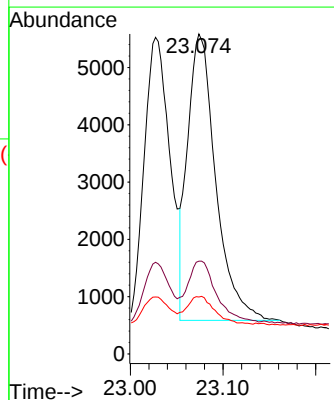
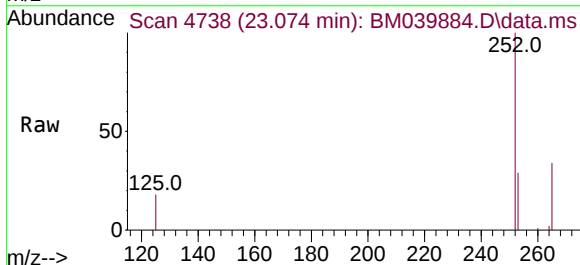
Instrument :
BNA_M
ClientSampleId :
SLCS659

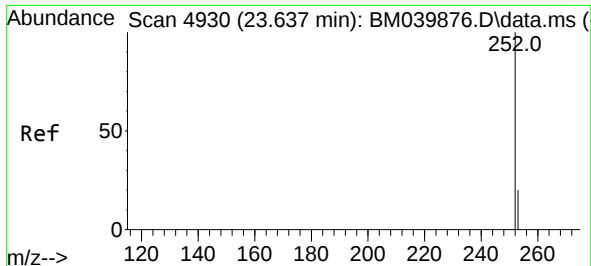
Tgt Ion:252	Resp:	10427
Ion Ratio	Lower	Upper
252	100	
253	29.0	0.0 52.8
125	18.0	0.0 31.6



#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 23.074 min Scan# 4738
Delta R.T. 0.004 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

Tgt Ion:252	Resp:	10540
Ion Ratio	Lower	Upper
252	100	
253	29.0	21.3 31.9
125	17.8	13.0 19.6

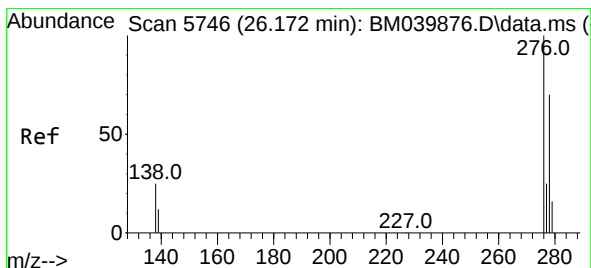
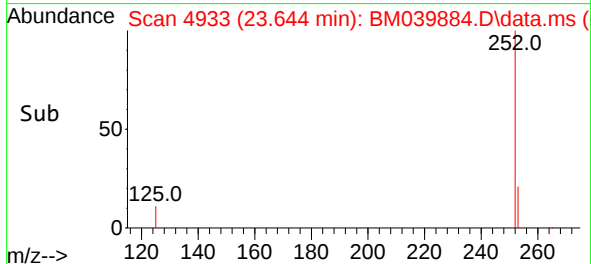
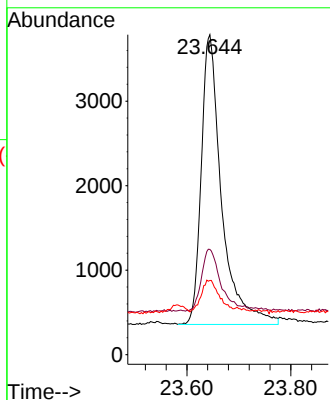
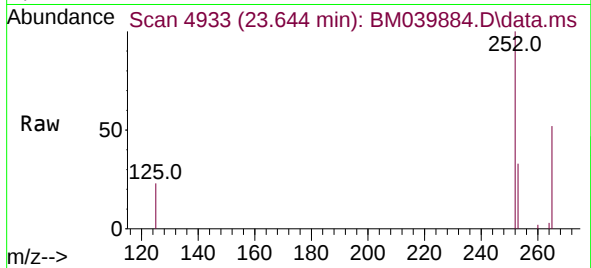




#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.644 min Scan# 4933
Delta R.T. 0.007 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

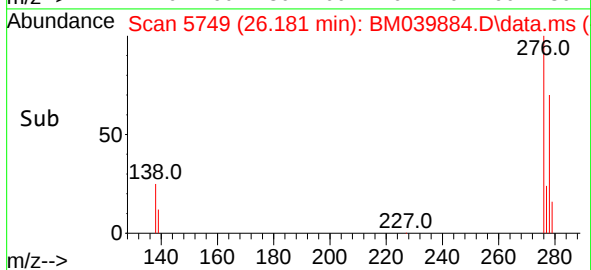
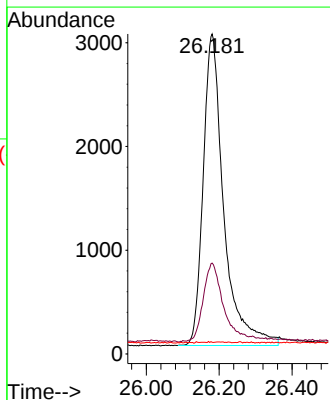
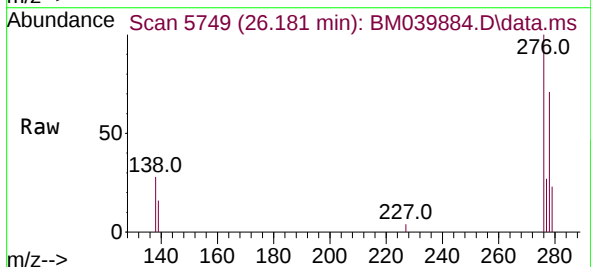
Instrument :
BNA_M
ClientSampleId :
SLCS659

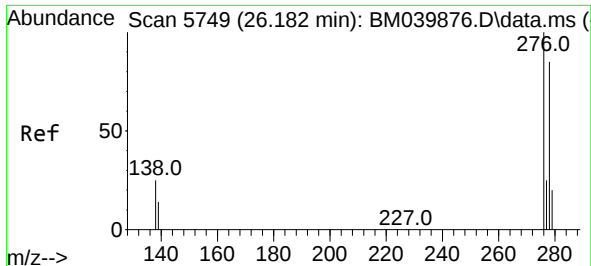
Tgt Ion:252 Resp: 9328
Ion Ratio Lower Upper
252 100
253 32.9 24.7 37.1
125 23.2 16.5 24.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 26.181 min Scan# 5749
Delta R.T. 0.008 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

Tgt Ion:276 Resp: 11761
Ion Ratio Lower Upper
276 100
138 25.3 21.1 31.7
227 0.1 0.1 0.1#

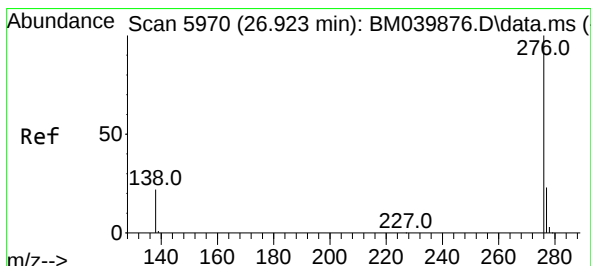
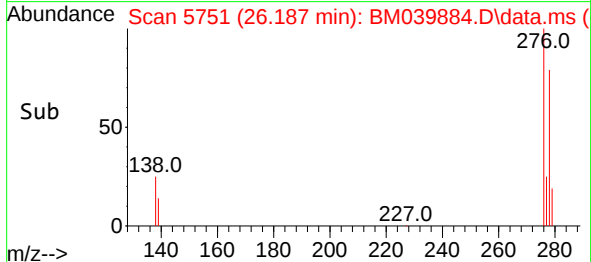
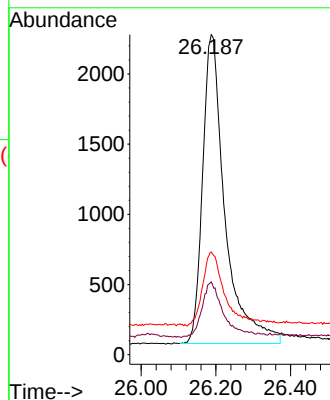
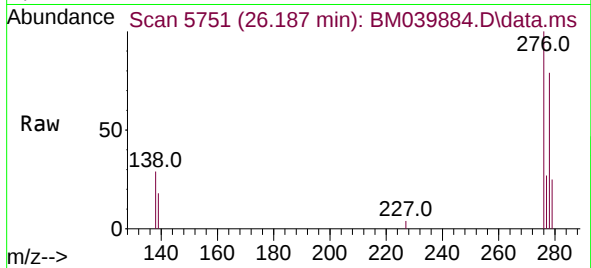




#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 26.187 min Scan# 51
Delta R.T. 0.005 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

Instrument :
BNA_M
ClientSampleId :
SLCS659

Tgt Ion:278 Resp: 9140
Ion Ratio Lower Upper
278 100
139 22.8 17.0 25.6
279 32.1 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 26.929 min Scan# 5972
Delta R.T. 0.005 min
Lab File: BM039884.D
Acq: 09 May 2023 01:01

Tgt Ion:276 Resp: 10162
Ion Ratio Lower Upper
276 100
138 25.3 20.1 30.1
277 26.9 20.1 30.1

