

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034803.D
 Acq On : 25 Apr 2022 17:39
 Operator : CG/JU
 Sample : PB144306BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS306

Quant Time: Apr 26 03:05:41 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:54:34 2022
 Response via : Initial Calibration

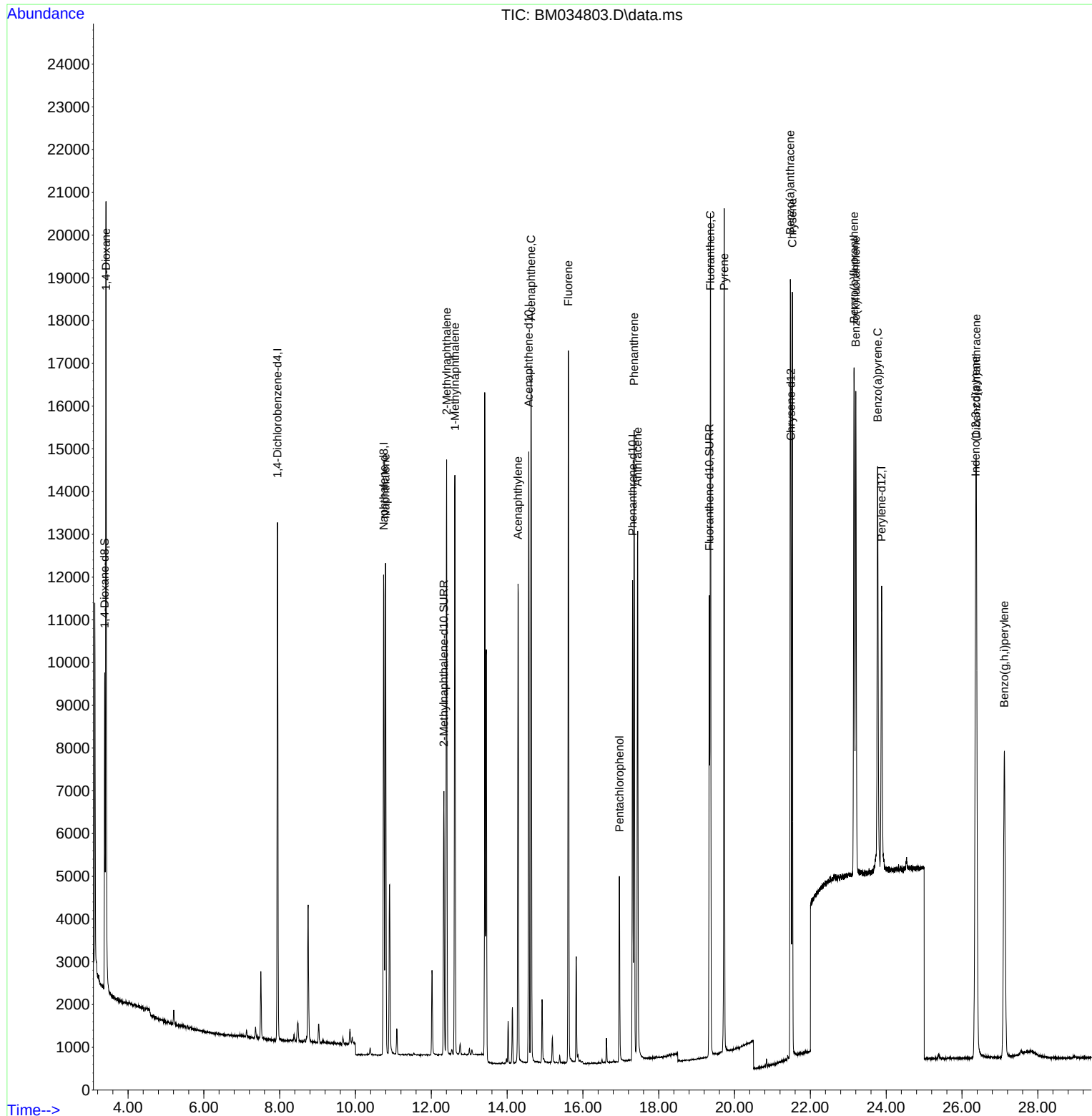
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	6028	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	15112	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.571	164	7378	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	13231	0.400	ng/ul #	0.00
17) Chrysene-d12	21.487	240	9007	0.400	ng/ul #	0.00
23) Perylene-d12	23.881	264	9060	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	4485	0.673	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	7643	0.360	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	11427	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.420	88	11107	1.750	ng/ul#	81
5) Naphthalene	10.792	128	15367	0.356	ng/ul#	87
7) 2-Methylnaphthalene	12.404	142	9376	0.327	ng/ul	99
8) 1-Methylnaphthalene	12.624	142	9218	0.327	ng/ul	100
10) Acenaphthylene	14.289	152	12851	0.399	ng/ul#	90
11) Acenaphthene	14.631	153	9532	0.349	ng/ul	97
12) Fluorene	15.617	166	10329	0.336	ng/ul#	97
14) Pentachlorophenol	16.964	266	2826	0.720	ng/ul	98
15) Phenanthrene	17.352	178	15689	0.359	ng/ul	95
16) Anthracene	17.445	178	13847	0.355	ng/ul#	92
19) Fluoranthene	19.364	202	16586	0.384	ng/ul	97
20) Pyrene	19.727	202	16474	0.379	ng/ul	99
21) Benzo(a)anthracene	21.473	228	14058	0.401	ng/ul	98
22) Chrysene	21.525	228	14961	0.400	ng/ul	98
24) Benzo(b)fluoranthene	23.153	252	15764	0.381	ng/ul	91
25) Benzo(k)fluoranthene	23.200	252	15092	0.365	ng/ul#	90
26) Benzo(a)pyrene	23.776	252	14241	0.422	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.362	276	18213	0.384	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.379	278	14639	0.380	ng/ul#	91
29) Benzo(g,h,i)perylene	27.117	276	15890	0.388	ng/ul	93

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

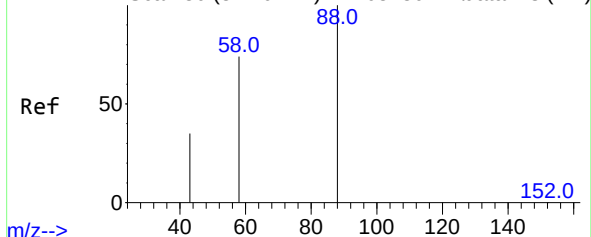
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
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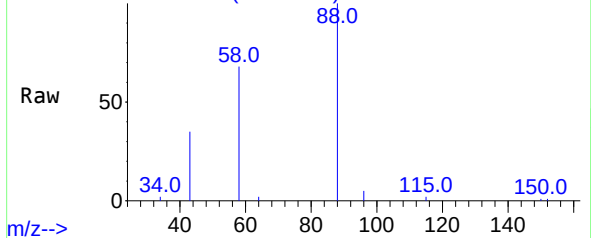


Abundance Scan 80 (3.420 min): BM034801.D\data.ms (-72)



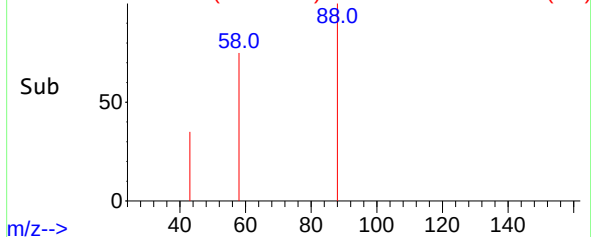
m/z-->

Abundance Scan 80 (3.420 min): BM034803.D\data.ms



m/z-->

Abundance Scan 80 (3.420 min): BM034803.D\data.ms (-68)



m/z-->

#2

1,4-Dioxane

Concen: 1.750 ng/ul

RT: 3.420 min Scan# 80

Delta R.T. -0.000 min

Lab File: BM034803.D

Acq: 25 Apr 2022 17:39

Instrument :

BNA_M

ClientSampleId :

SLCS306

Tgt Ion: 88 Resp: 11107

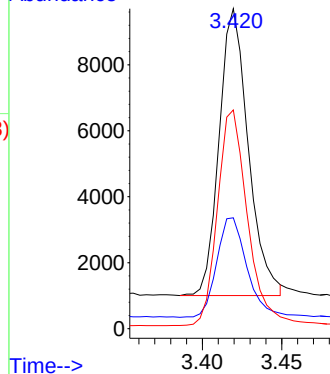
Ion Ratio Lower Upper

88 100

43 34.7 49.7 74.5#

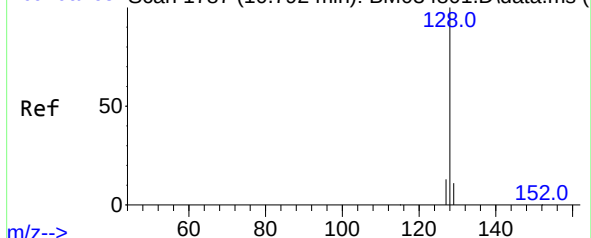
58 68.4 52.5 78.7

Abundance



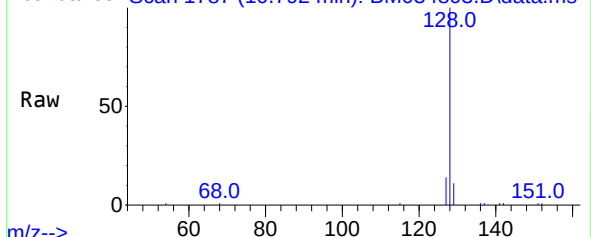
Time-->

Abundance Scan 1787 (10.792 min): BM034801.D\data.ms (-72)



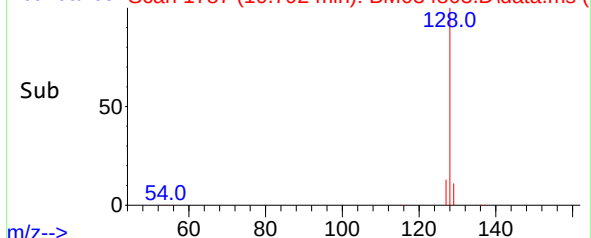
m/z-->

Abundance Scan 1787 (10.792 min): BM034803.D\data.ms



m/z-->

Abundance Scan 1787 (10.792 min): BM034803.D\data.ms (-68)



m/z-->

#5

Naphthalene

Concen: 0.356 ng/ul

RT: 10.792 min Scan# 1787

Delta R.T. -0.004 min

Lab File: BM034803.D

Acq: 25 Apr 2022 17:39

Tgt Ion:128 Resp: 15367

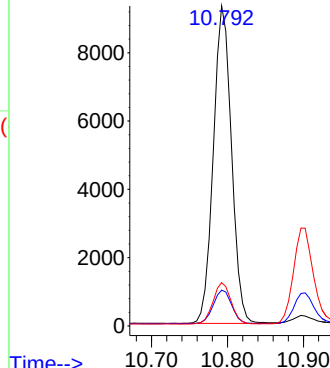
Ion Ratio Lower Upper

128 100

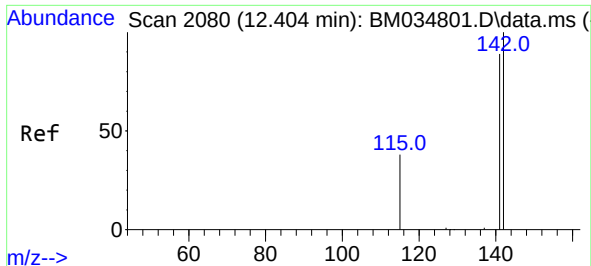
129 11.2 13.4 20.2#

127 13.5 15.2 22.8#

Abundance



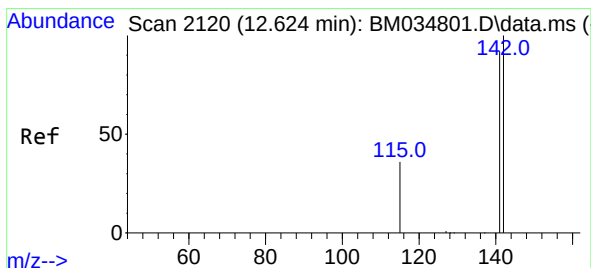
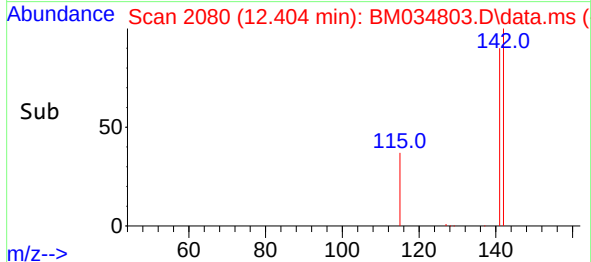
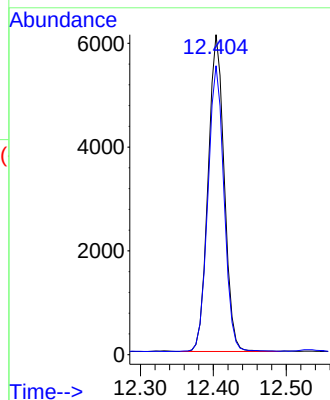
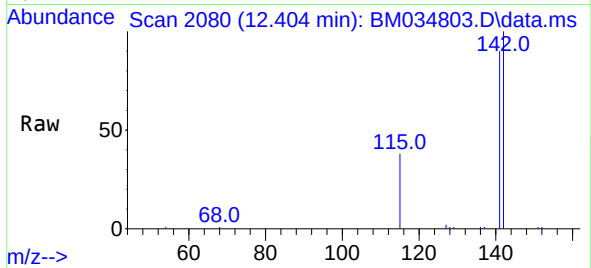
Time-->



#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

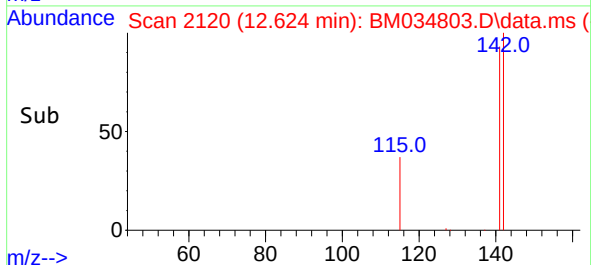
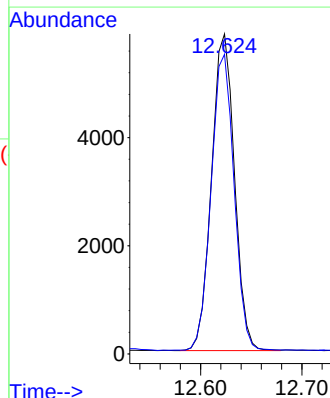
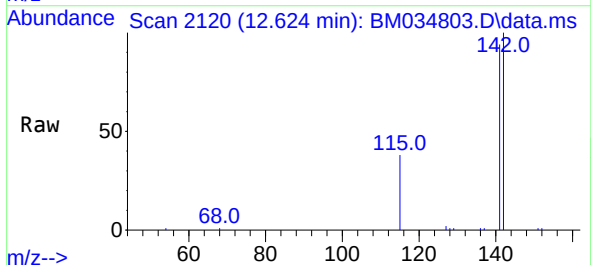
Instrument :
BNA_M
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SLCS306

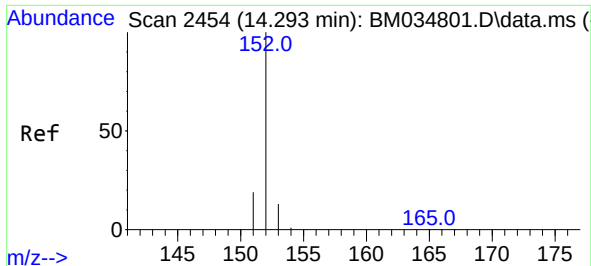
Tgt Ion:142 Resp: 9376
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

Tgt Ion:142 Resp: 9218
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4

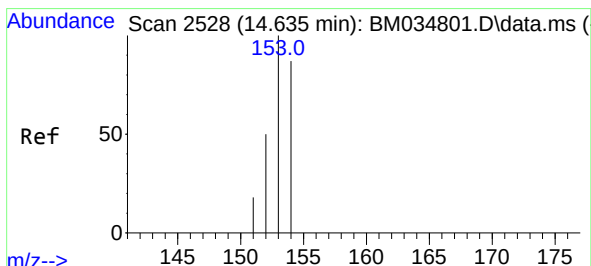
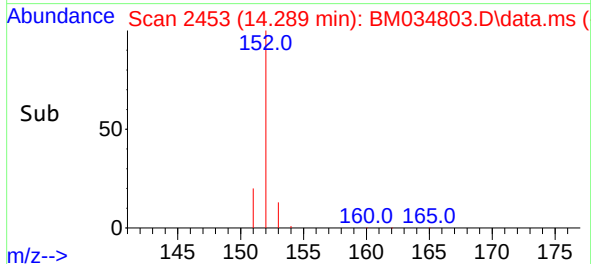
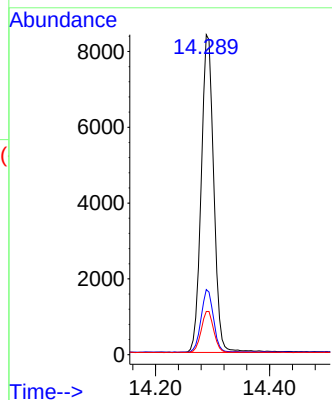
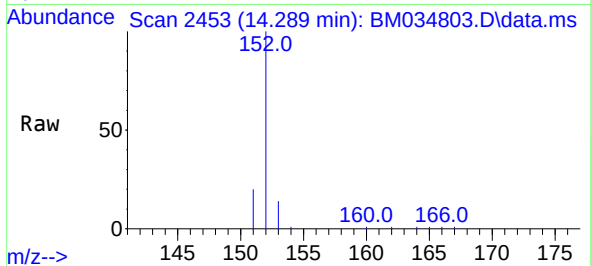




#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.289 min Scan# 2454
Delta R.T. -0.007 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

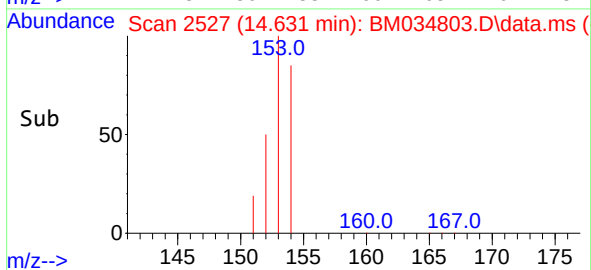
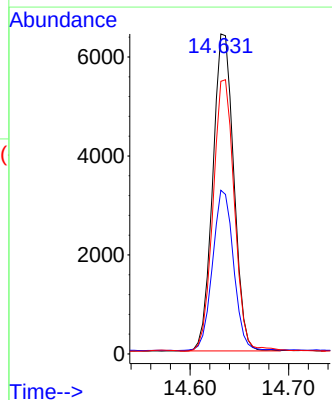
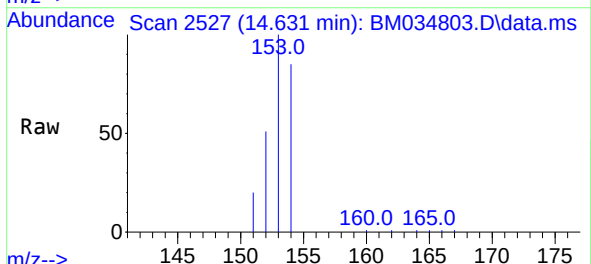
Instrument :
BNA_M
ClientSampleId :
SLCS306

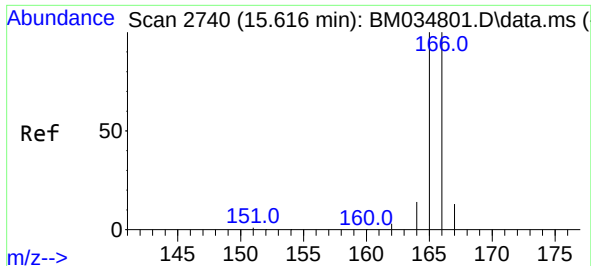
Tgt Ion:	152	Resp:	12851
Ion Ratio	Lower	Upper	
152	100		
151	20.4	19.9	29.9
153	13.5	15.0	22.4#



#11
Acenaphthene
Concen: 0.349 ng/ul
RT: 14.631 min Scan# 2527
Delta R.T. -0.007 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

Tgt Ion:	153	Resp:	9532
Ion Ratio	Lower	Upper	
153	100		
152	51.2	42.4	63.6
154	85.2	66.2	99.2

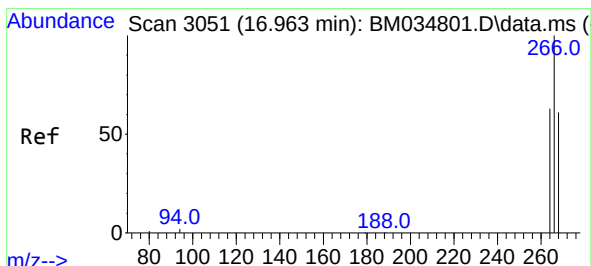
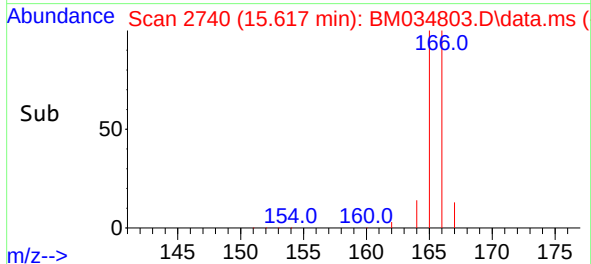
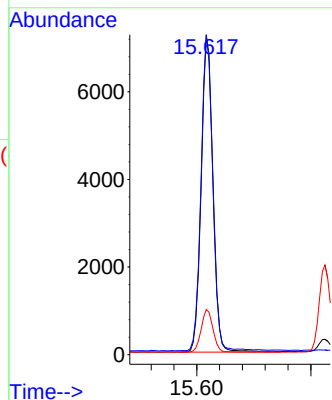
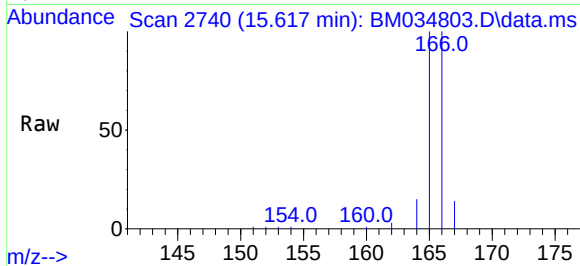




#12
Fluorene
Concen: 0.336 ng/ul
RT: 15.617 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

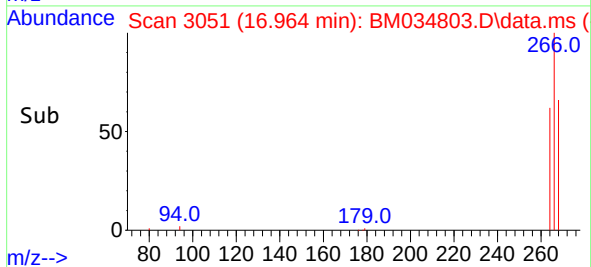
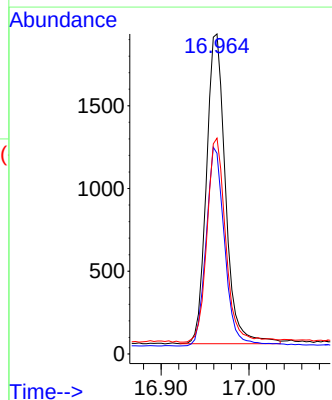
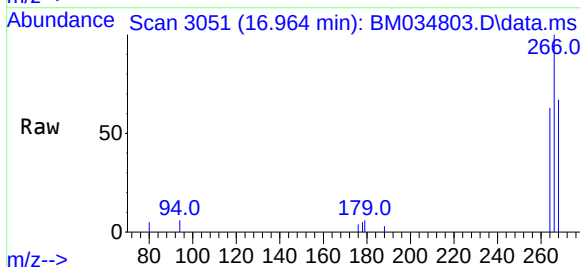
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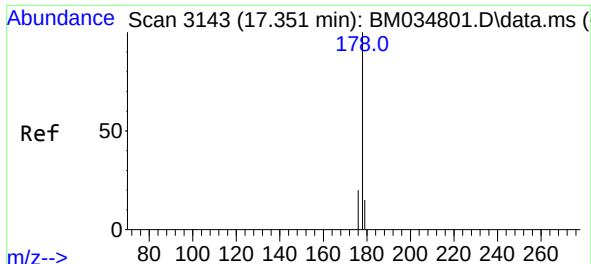
Tgt Ion:166 Resp: 10329
Ion Ratio Lower Upper
166 100
165 100.2 81.1 121.7
167 14.1 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.720 ng/ul
RT: 16.964 min Scan# 3051
Delta R.T. 0.002 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

Tgt Ion:266 Resp: 2826
Ion Ratio Lower Upper
266 100
264 62.7 51.4 77.0
268 64.3 53.1 79.7

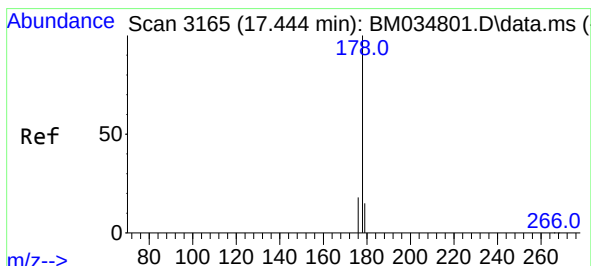
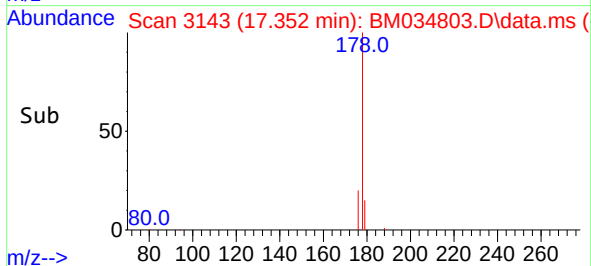
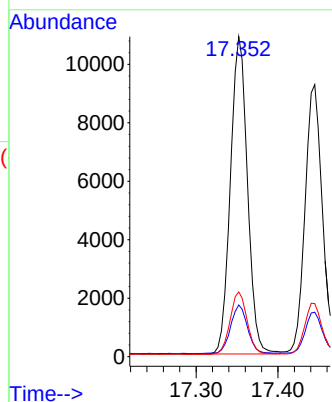
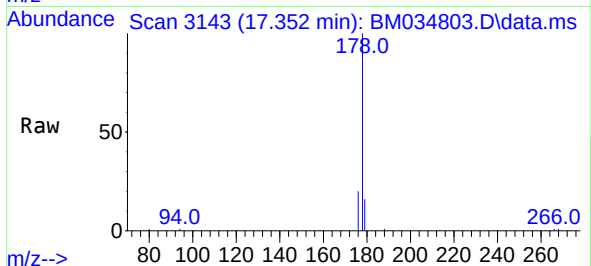




#15
Phenanthrene
Concen: 0.359 ng/u1
RT: 17.352 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

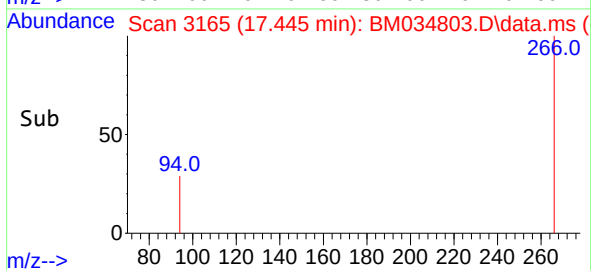
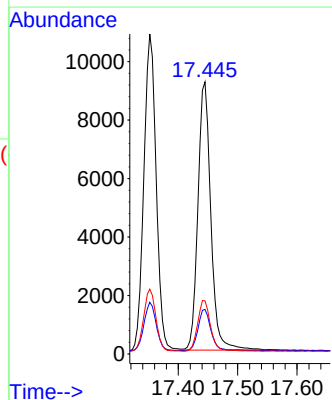
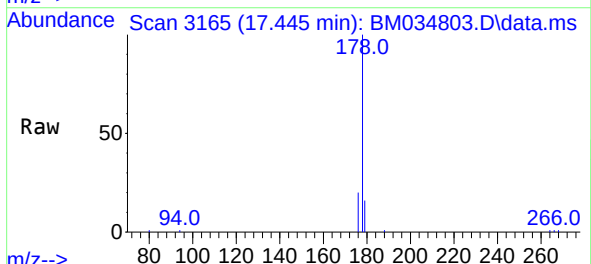
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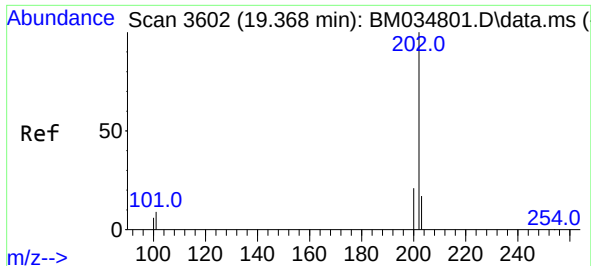
Tgt Ion:	178	Resp:	15689
Ion	Ratio	Lower	Upper
178	100		
179	16.1	15.0	22.6
176	20.3	17.9	26.9



#16
Anthracene
Concen: 0.355 ng/u1
RT: 17.445 min Scan# 3165
Delta R.T. -0.002 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

Tgt Ion:	178	Resp:	13847
Ion	Ratio	Lower	Upper
178	100		
179	16.3	16.5	24.7#
176	19.5	18.3	27.5

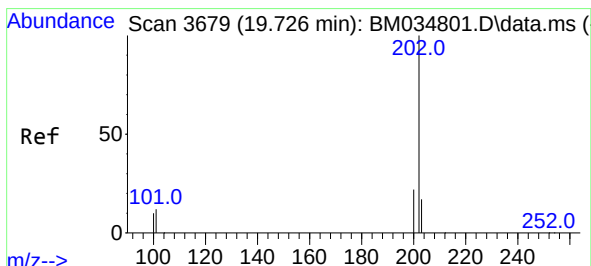
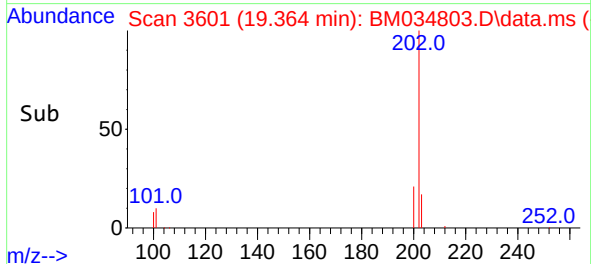
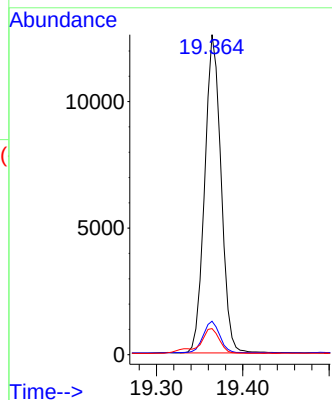
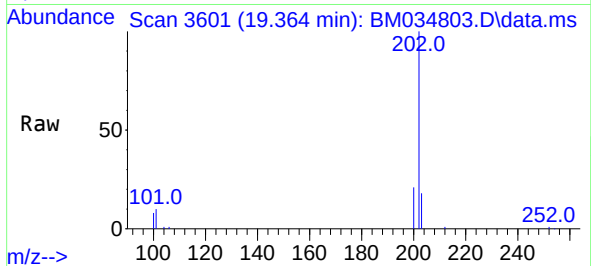




#19
Fluoranthene
Concen: 0.384 ng/u1
RT: 19.364 min Scan# 3601
Delta R.T. -0.002 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

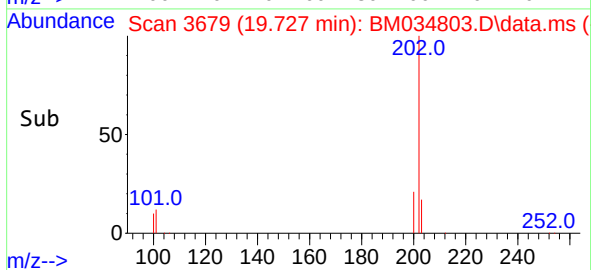
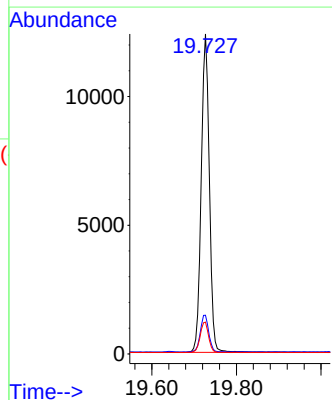
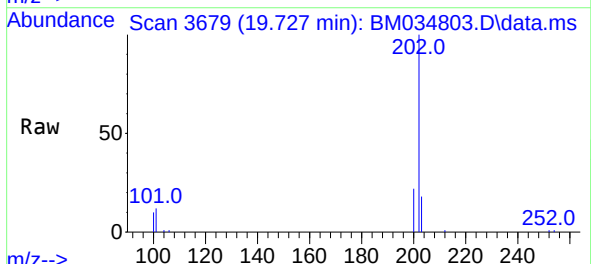
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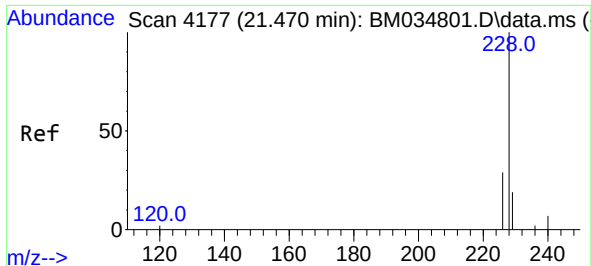
Tgt Ion:202 Resp: 16586
Ion Ratio Lower Upper
202 100
101 10.5 9.2 13.8
100 8.2 7.2 10.8



#20
Pyrene
Concen: 0.379 ng/u1
RT: 19.727 min Scan# 3679
Delta R.T. -0.002 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

Tgt Ion:202 Resp: 16474
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 10.0 7.8 11.6

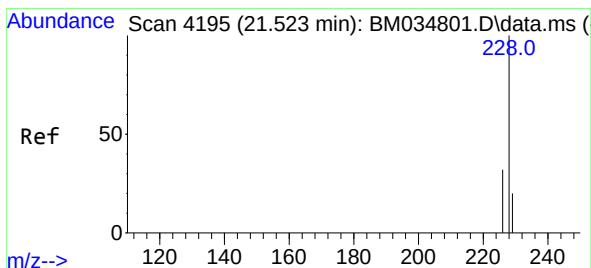
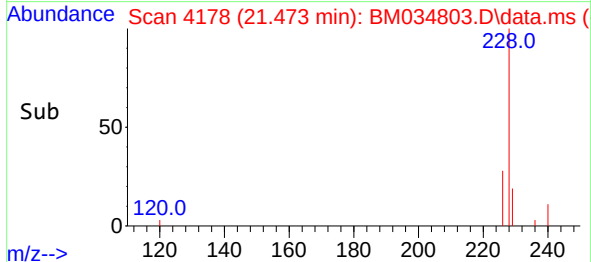
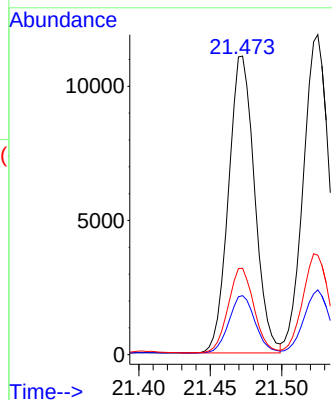
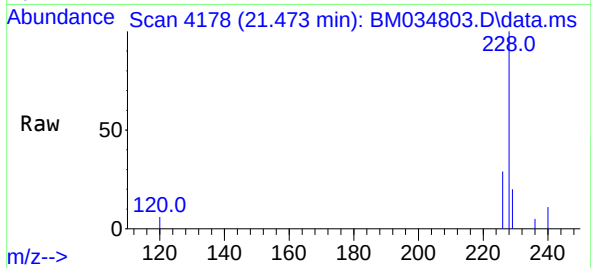




#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.473 min Scan# 4177
Delta R.T. 0.001 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

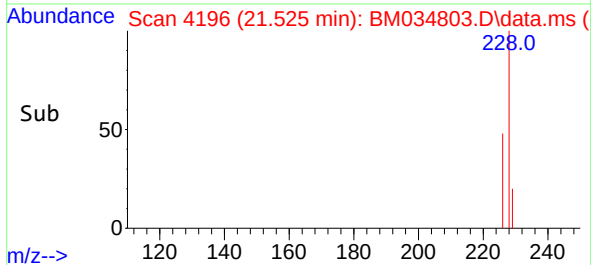
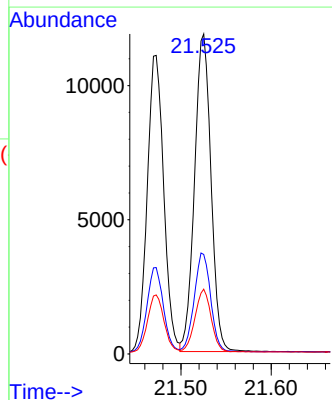
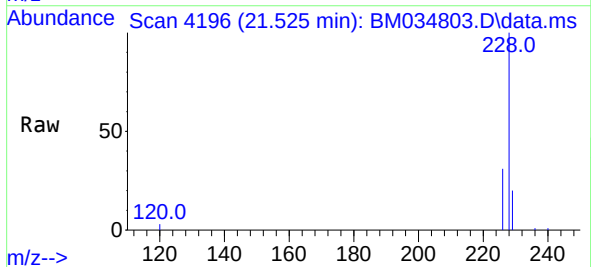
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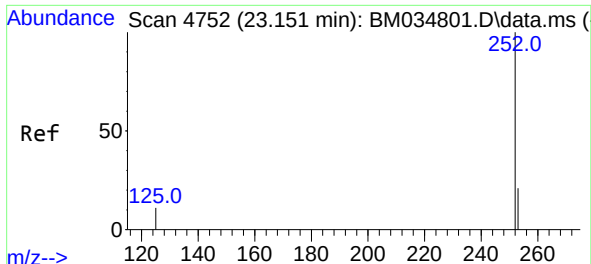
Tgt Ion:228 Resp: 14058
Ion Ratio Lower Upper
228 100
229 19.8 17.3 25.9
226 28.9 23.2 34.8



#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.525 min Scan# 4196
Delta R.T. 0.001 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

Tgt Ion:228 Resp: 14961
Ion Ratio Lower Upper
228 100
226 31.1 25.8 38.8
229 20.2 16.7 25.1

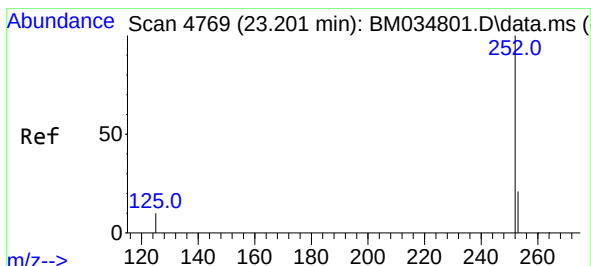
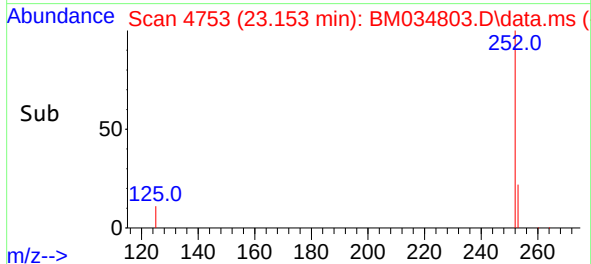
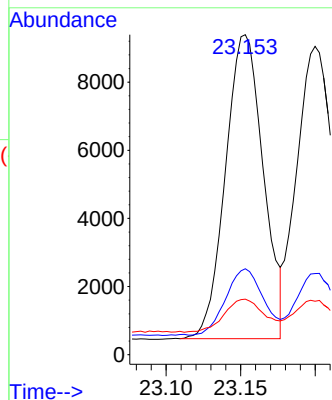
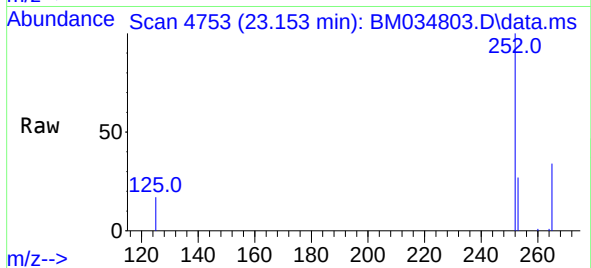




#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 23.153 min Scan# 4752
Delta R.T. 0.001 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

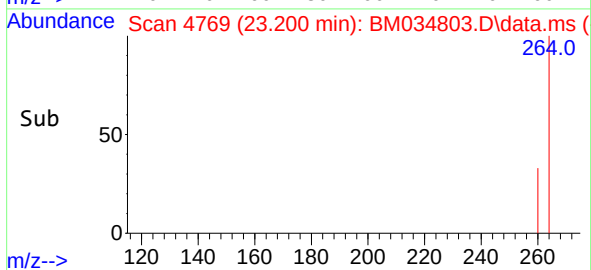
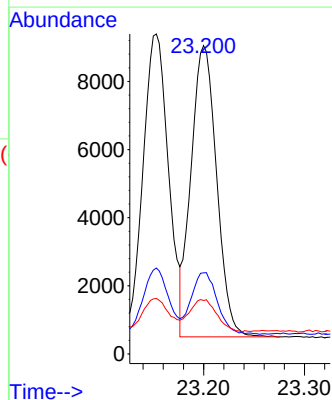
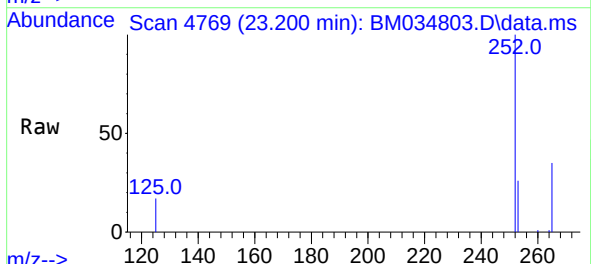
Instrument :
BNA_M
ClientSampleId :
SLCS306

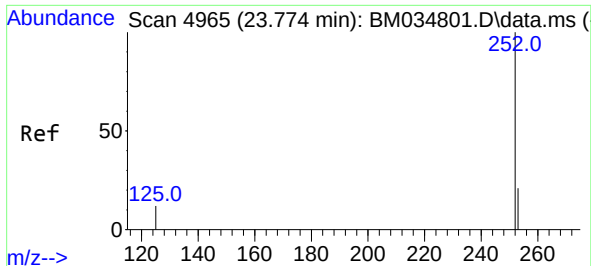
Tgt Ion:252 Resp: 15764
Ion Ratio Lower Upper
252 100
253 26.9 0.0 64.2
125 17.4 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul
RT: 23.200 min Scan# 4769
Delta R.T. -0.002 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

Tgt Ion:252 Resp: 15092
Ion Ratio Lower Upper
252 100
253 26.3 26.8 40.2#
125 17.3 12.0 18.0

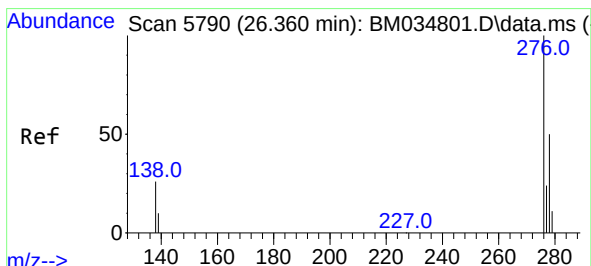
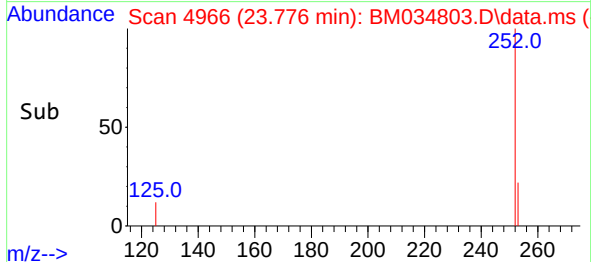
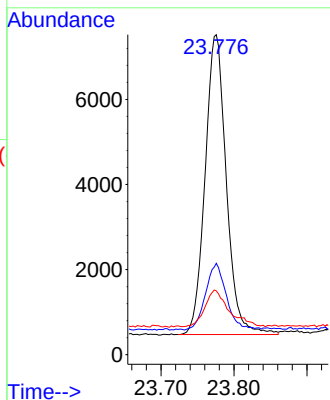
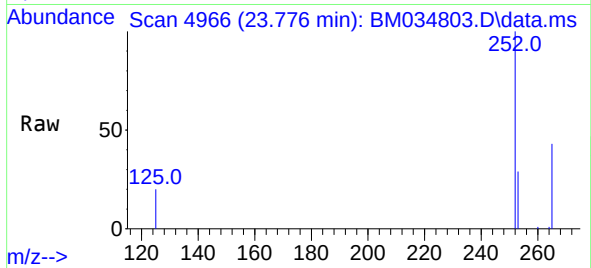




#26
Benzo(a)pyrene
Concen: 0.422 ng/ul
RT: 23.776 min Scan# 4965
Delta R.T. 0.001 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

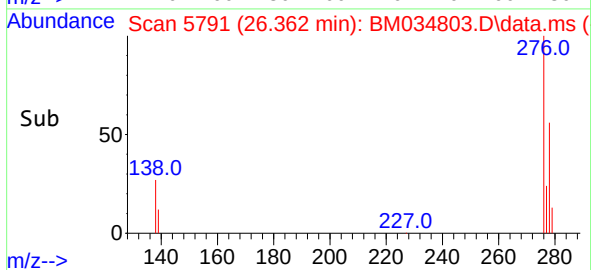
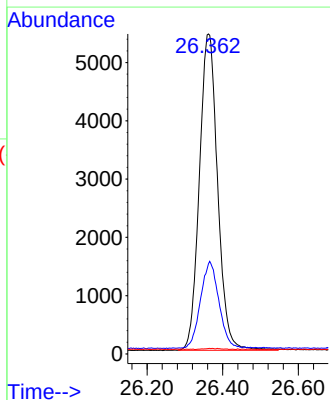
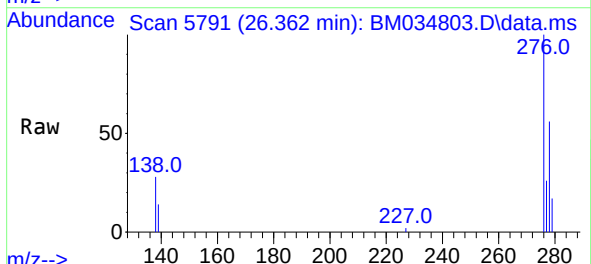
Instrument :
BNA_M
ClientSampleId :
SLCS306

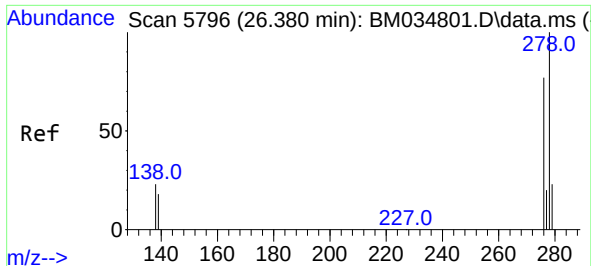
Tgt Ion:252 Resp: 14241
Ion Ratio Lower Upper
252 100
253 28.5 32.0 48.0#
125 19.9 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 26.362 min Scan# 5791
Delta R.T. 0.001 min
Lab File: BM034803.D
Acq: 25 Apr 2022 17:39

Tgt Ion:276 Resp: 18213
Ion Ratio Lower Upper
276 100
138 27.4 15.8 23.6#
227 0.2 0.0 0.0#

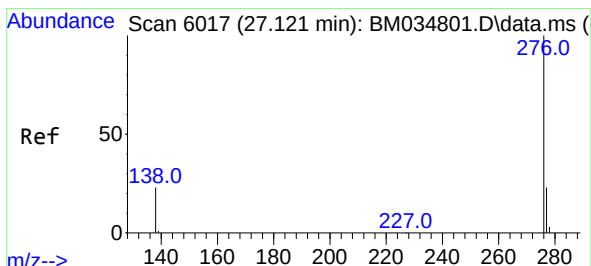
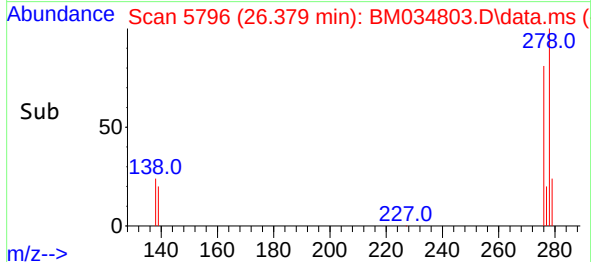
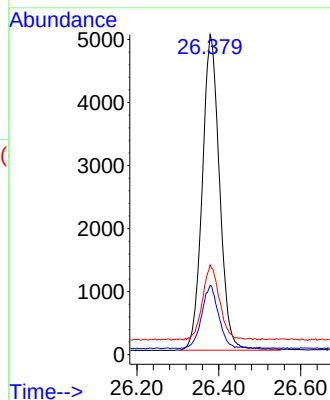
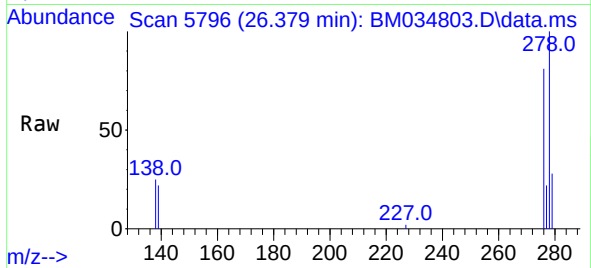




#28
 Dibenzo(a,h)anthracene
 Concen: 0.380 ng/ul
 RT: 26.379 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: BM034803.D
 Acq: 25 Apr 2022 17:39

Instrument :
 BNA_M
 ClientSampleId :
 SLCS306

Tgt Ion:278 Resp: 14639
 Ion Ratio Lower Upper
 278 100
 139 21.7 18.0 27.0
 279 28.1 28.6 42.8#



#29
 Benzo(g,h,i)perylene
 Concen: 0.388 ng/ul
 RT: 27.117 min Scan# 6016
 Delta R.T. -0.002 min
 Lab File: BM034803.D
 Acq: 25 Apr 2022 17:39

Tgt Ion:276 Resp: 15890
 Ion Ratio Lower Upper
 276 100
 138 24.9 17.4 26.0
 277 24.8 22.6 33.8

