

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042623\
 Data File : BM039680.D
 Acq On : 26 Apr 2023 16:08
 Operator : CG/JU
 Sample : PB152370BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS370

Quant Time: Apr 27 01:03:13 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

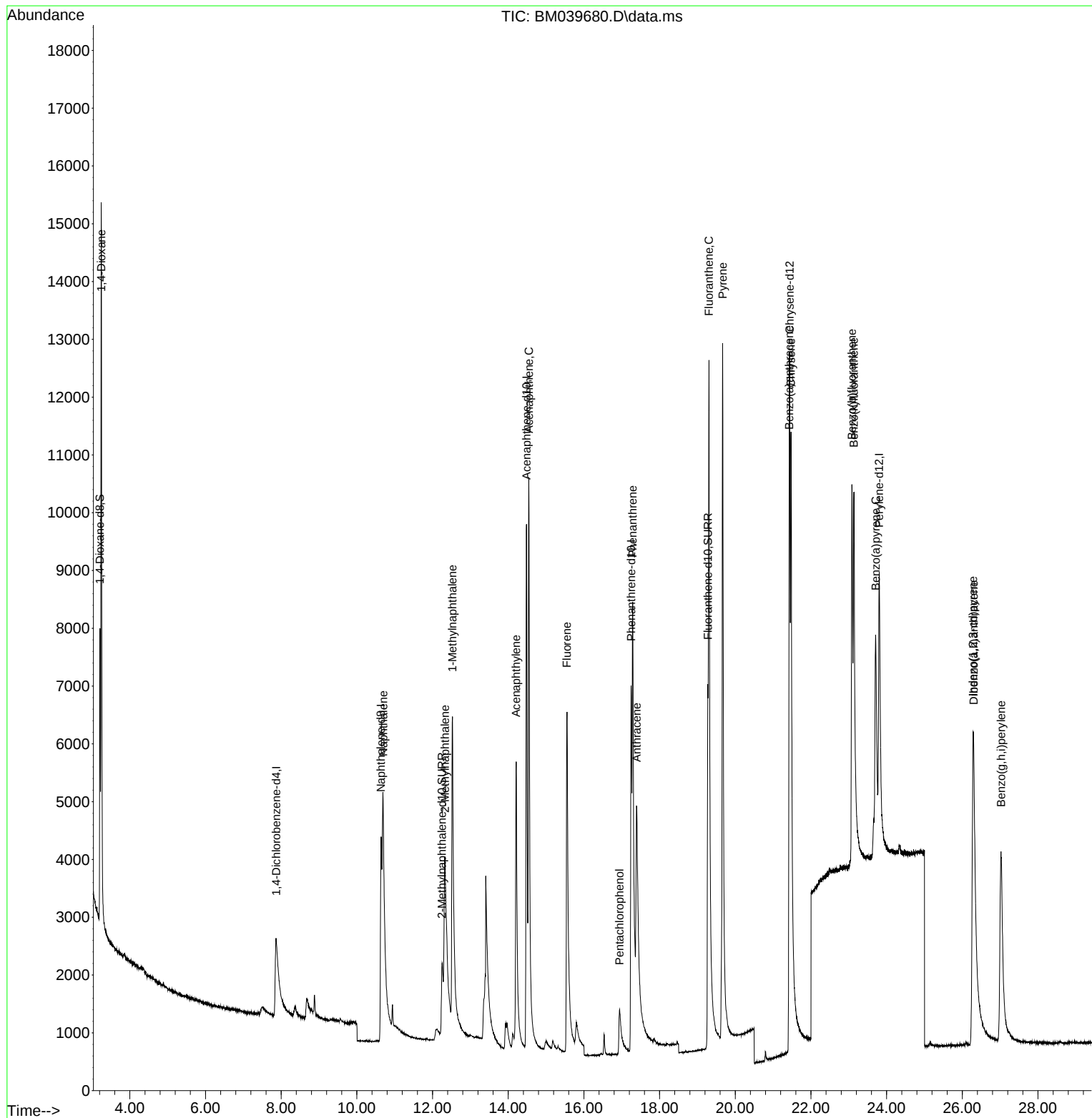
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	2562	0.400	ng/ul	0.01
4) Naphthalene-d8	10.639	136	13364	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.483	164	7757	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	13126	0.400	ng/ul	0.00
17) Chrysene-d12	21.437	240	11281	0.400	ng/ul	# 0.00
23) Perylene-d12	23.805	264	8932	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	3262	0.688	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.250	152	5514	0.357	ng/ul	0.01
18) Fluoranthene-d10	19.276	212	11381	0.324	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.243	88	8384	1.651	ng/ul#	78
5) Naphthalene	10.694	128	10727	0.337	ng/ul	98
7) 2-Methylnaphthalene	12.327	142	6007	0.336	ng/ul	96
8) 1-Methylnaphthalene	12.525	142	6514	0.322	ng/ul	96
10) Acenaphthylene	14.210	152	10585	0.352	ng/ul	98
11) Acenaphthene	14.543	153	8246	0.348	ng/ul	99
12) Fluorene	15.552	166	8603	0.364	ng/ul	98
14) Pentachlorophenol	16.942	266	1535	0.490	ng/ul#	82
15) Phenanthrene	17.288	178	12187	0.335	ng/ul	100
16) Anthracene	17.394	178	9447	0.341	ng/ul	100
19) Fluoranthene	19.304	202	14898	0.319	ng/ul	98
20) Pyrene	19.666	202	16857	0.315	ng/ul	99
21) Benzo(a)anthracene	21.426	228	9625	0.370	ng/ul	100
22) Chrysene	21.472	228	13083	0.410	ng/ul	99
24) Benzo(b)fluoranthene	23.083	252	11052	0.390	ng/ul	94
25) Benzo(k)fluoranthene	23.135	252	11115	0.411	ng/ul#	93
26) Benzo(a)pyrene	23.708	252	10373	0.363	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.281	276	13234	0.368	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.301	278	10063	0.400	ng/ul	96
29) Benzo(g,h,i)perylene	27.023	276	11965	0.347	ng/ul	99

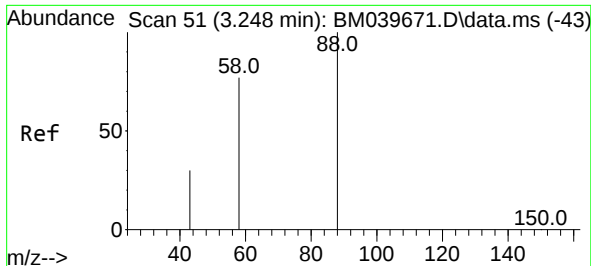
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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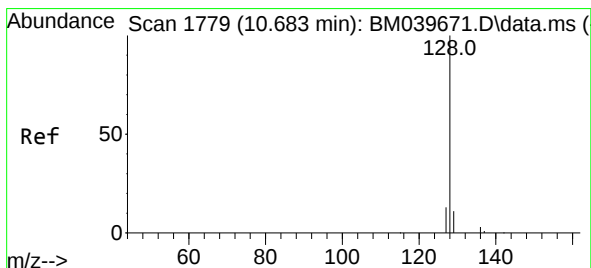
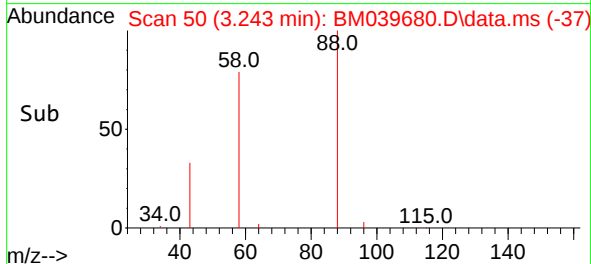
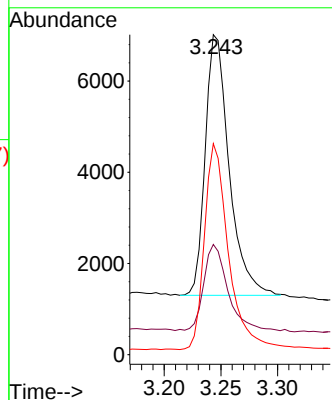
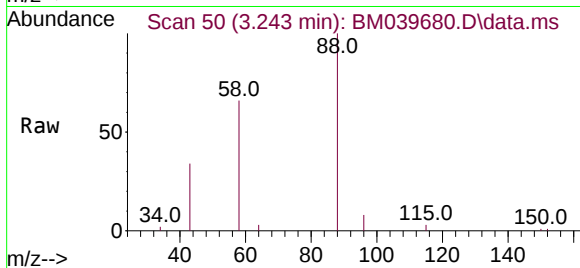




#2
1,4-Dioxane
Concen: 1.651 ng/ul
RT: 3.243 min Scan# 50
Delta R.T. -0.004 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

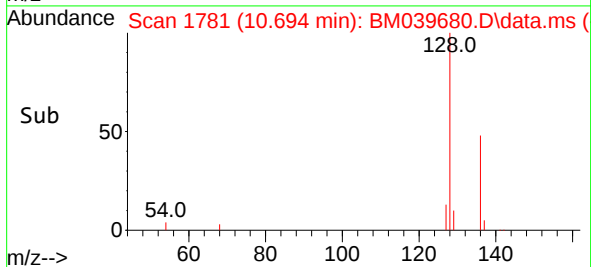
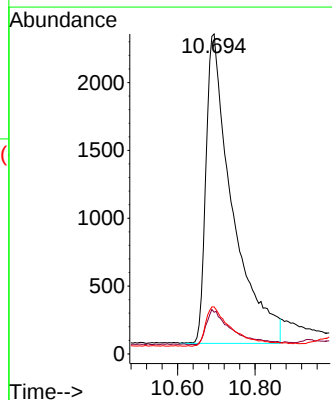
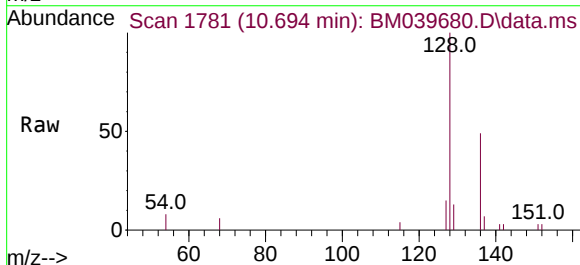
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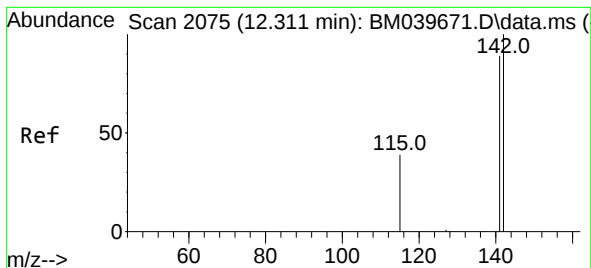
Tgt Ion: 88 Resp: 8384
Ion Ratio Lower Upper
88 100
43 34.4 30.6 45.8
58 65.9 34.1 51.1#



#5
Naphthalene
Concen: 0.337 ng/ul
RT: 10.694 min Scan# 1781
Delta R.T. 0.011 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

Tgt Ion:128 Resp: 10727
Ion Ratio Lower Upper
128 100
129 13.1 10.1 15.1
127 14.7 11.0 16.4

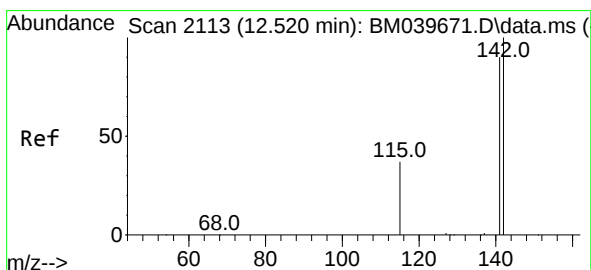
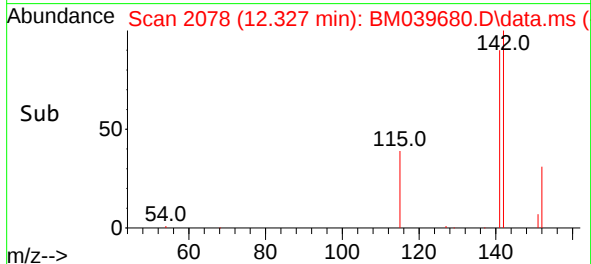
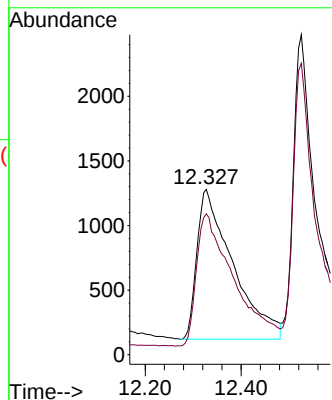
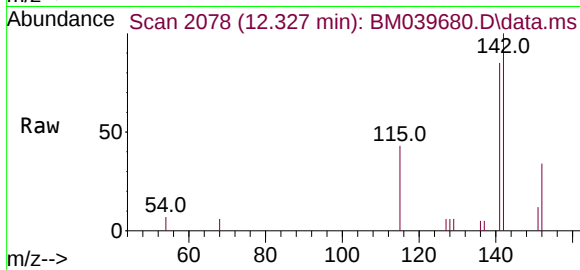




#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.327 min Scan# 2078
Delta R.T. 0.017 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

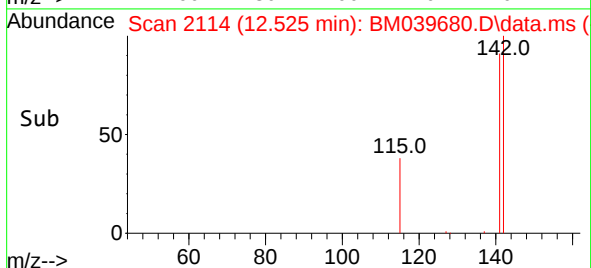
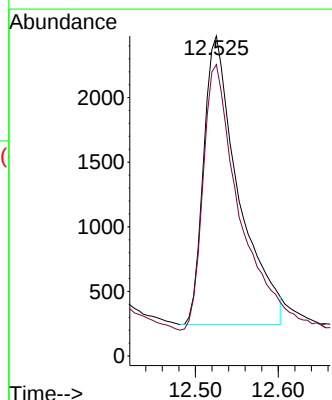
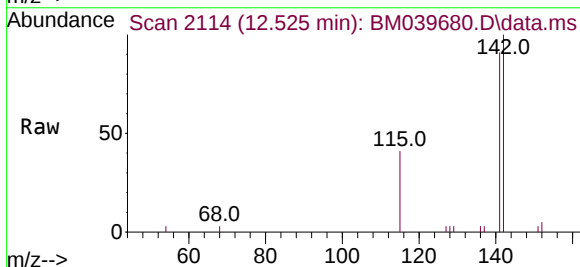
Instrument :
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ClientSampleId :
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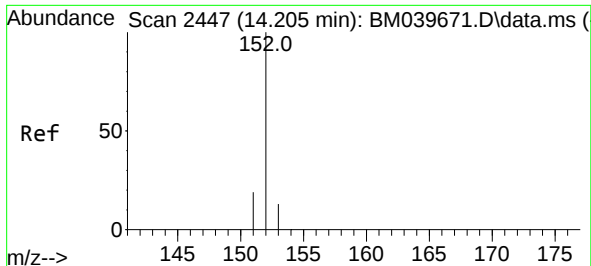
Tgt Ion:142 Resp: 6007
Ion Ratio Lower Upper
142 100
141 93.9 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.525 min Scan# 2114
Delta R.T. 0.005 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

Tgt Ion:142 Resp: 6514
Ion Ratio Lower Upper
142 100
141 94.2 72.6 109.0

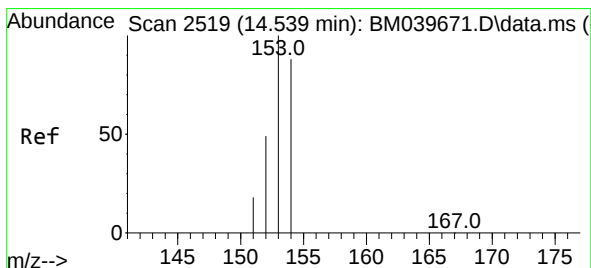
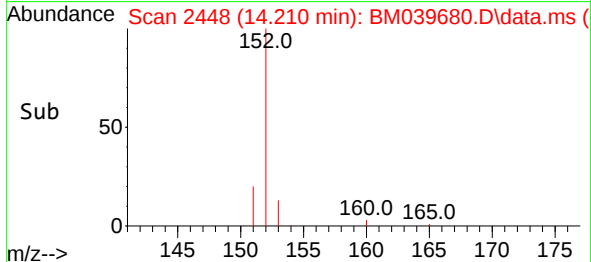
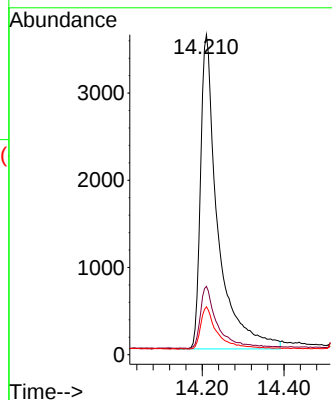
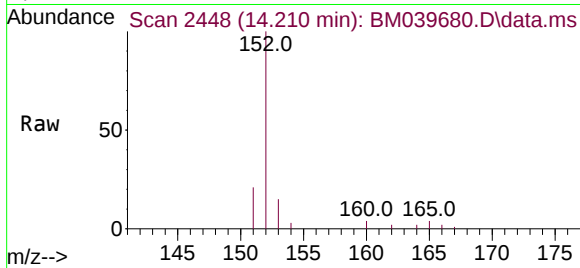




#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 14.210 min Scan# 2447
Delta R.T. 0.005 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

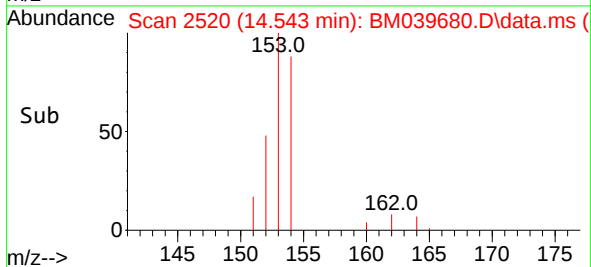
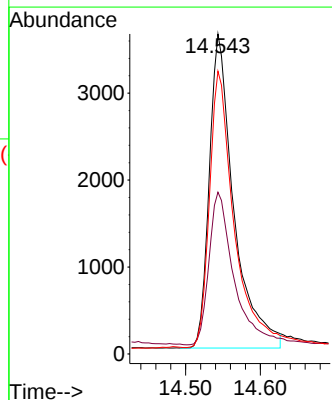
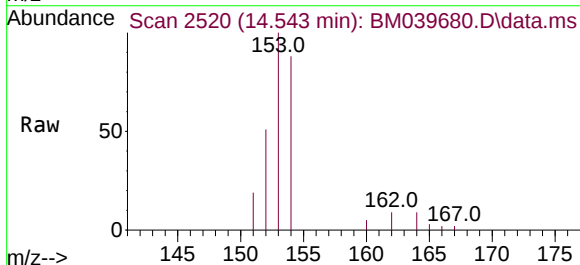
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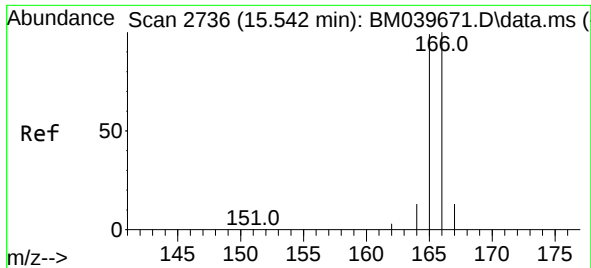
Tgt Ion:152 Resp: 10585
Ion Ratio Lower Upper
152 100
151 21.4 16.2 24.4
153 14.9 11.6 17.4



#11
Acenaphthene
Concen: 0.348 ng/ul
RT: 14.543 min Scan# 2520
Delta R.T. 0.005 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

Tgt Ion:153 Resp: 8246
Ion Ratio Lower Upper
153 100
152 50.6 40.3 60.5
154 88.3 71.5 107.3

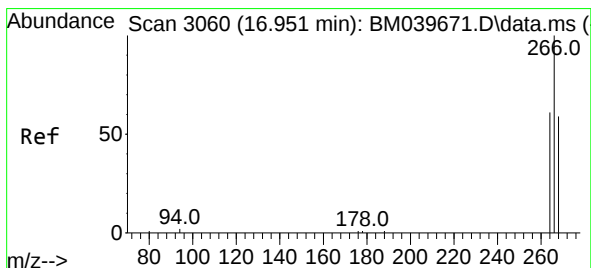
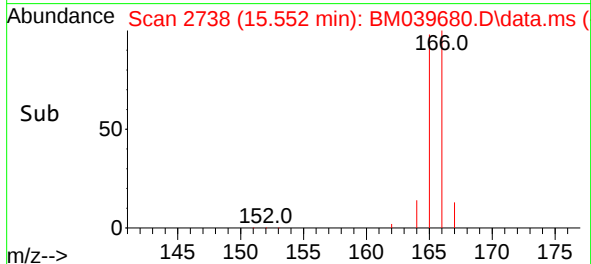
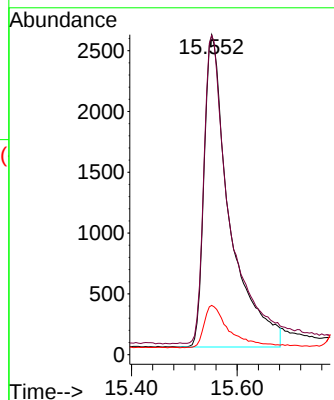
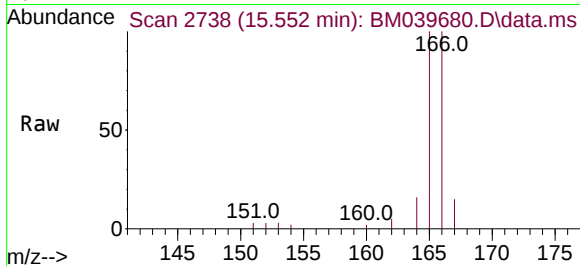




#12
 Fluorene
 Concen: 0.364 ng/ul
 RT: 15.552 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BM039680.D
 Acq: 26 Apr 2023 16:08

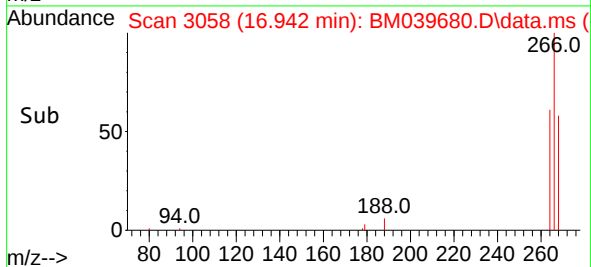
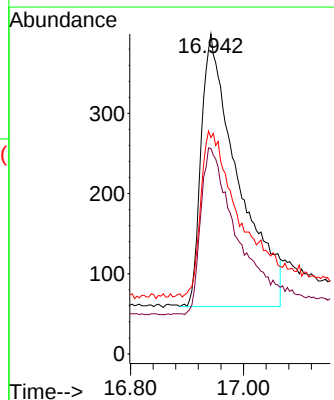
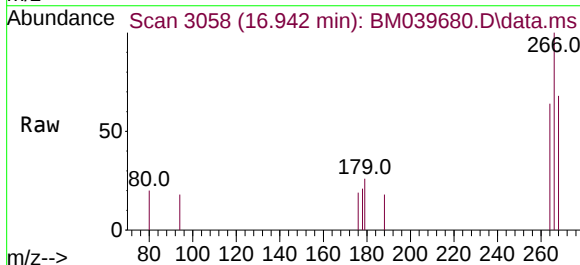
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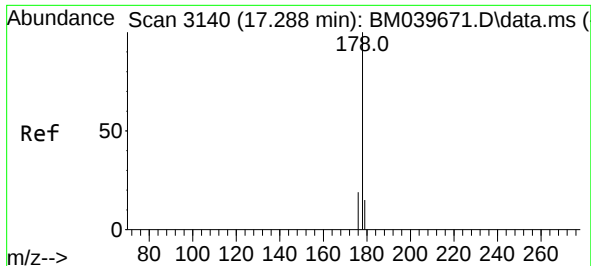
Tgt Ion:	166	Resp:	8603
Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.8
167	15.4	11.8	17.6



#14
 Pentachlorophenol
 Concen: 0.490 ng/ul
 RT: 16.942 min Scan# 3058
 Delta R.T. -0.008 min
 Lab File: BM039680.D
 Acq: 26 Apr 2023 16:08

Tgt Ion:	266	Resp:	1535
Ion	Ratio	Lower	Upper
266	100		
264	62.4	39.6	59.4#
268	65.3	42.4	63.6#

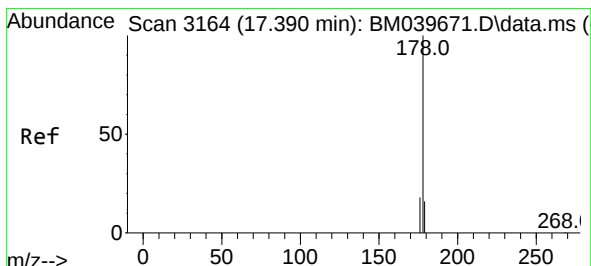
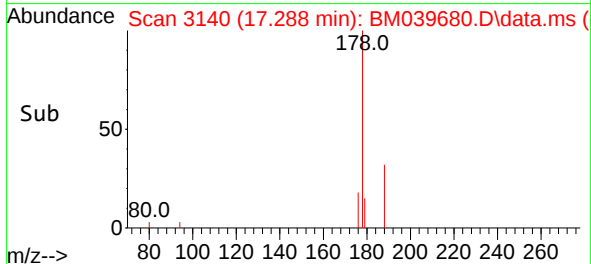
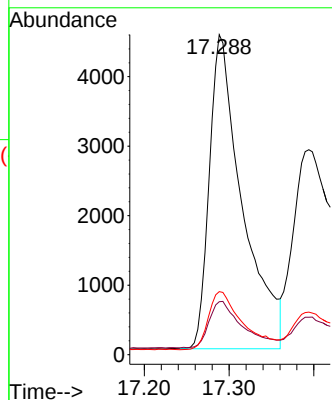
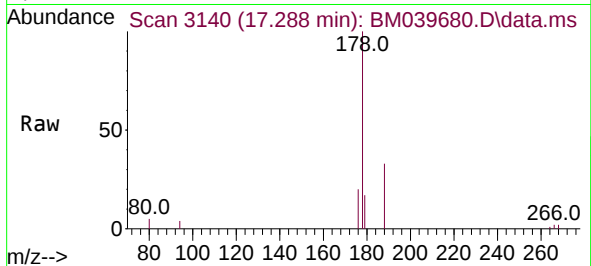




#15
Phenanthrene
Concen: 0.335 ng/ul
RT: 17.288 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

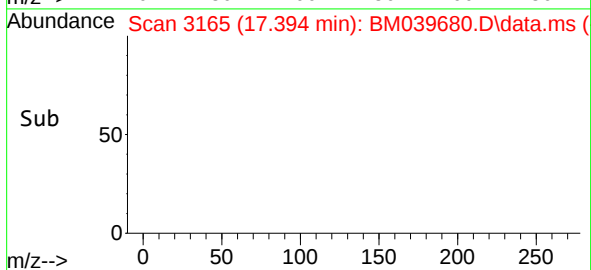
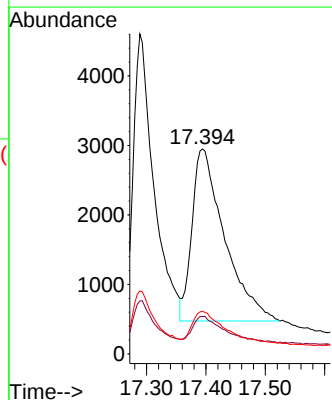
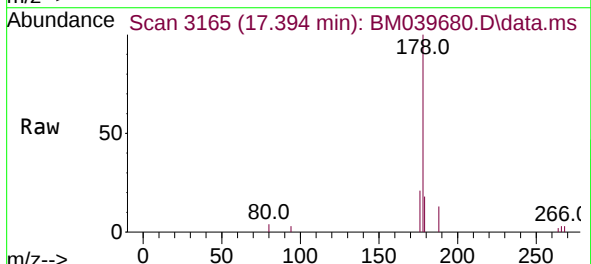
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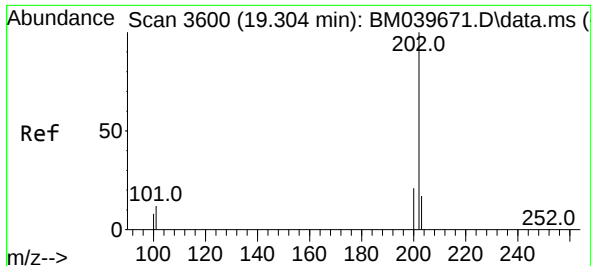
Tgt Ion:	178	Resp:	12187
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.4	20.2
176	19.7	15.8	23.6



#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.394 min Scan# 3165
Delta R.T. 0.004 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

Tgt Ion:	178	Resp:	9447
Ion Ratio	Lower	Upper	
178	100		
179	18.3	14.6	21.8
176	20.8	16.6	24.8

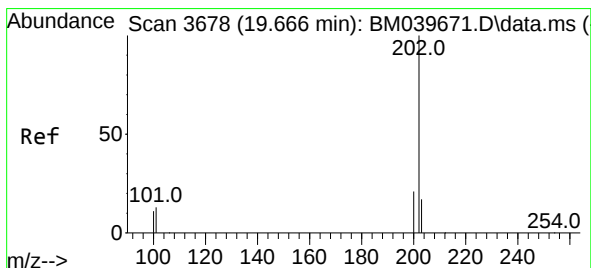
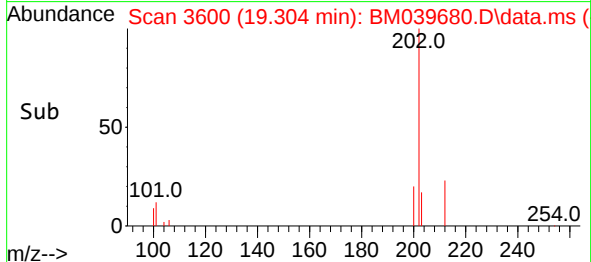
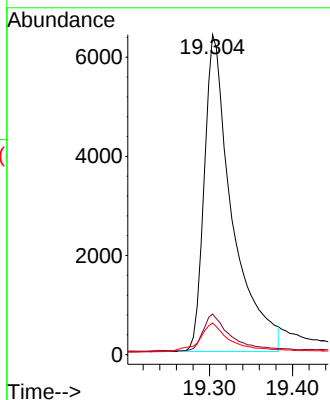
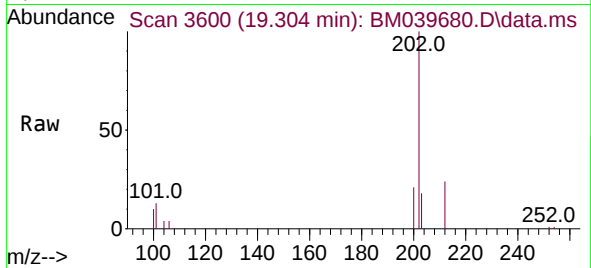




#19
Fluoranthene
Concen: 0.319 ng/ul
RT: 19.304 min Scan# 3600
Delta R.T. 0.000 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

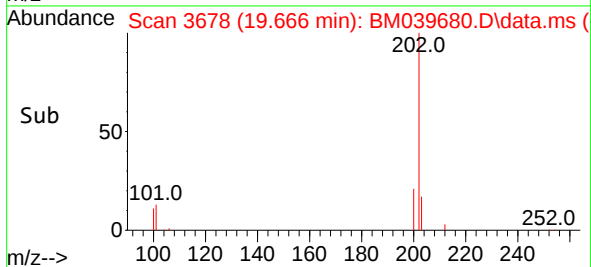
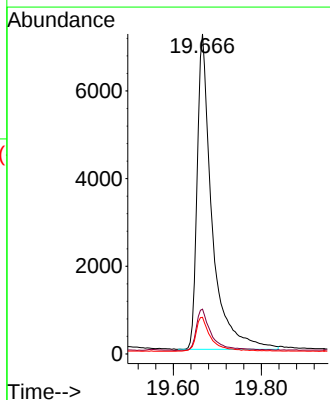
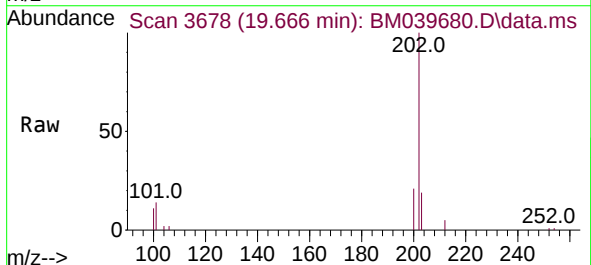
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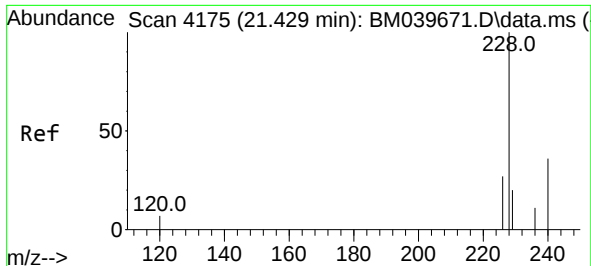
Tgt Ion:202 Resp: 14898
Ion Ratio Lower Upper
202 100
101 12.7 9.7 14.5
100 9.9 7.4 11.0



#20
Pyrene
Concen: 0.315 ng/ul
RT: 19.666 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

Tgt Ion:202 Resp: 16857
Ion Ratio Lower Upper
202 100
101 14.0 11.1 16.7
100 11.5 8.8 13.2

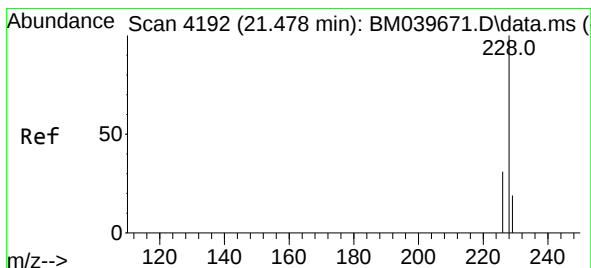
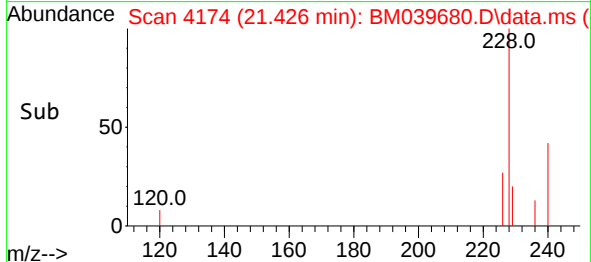
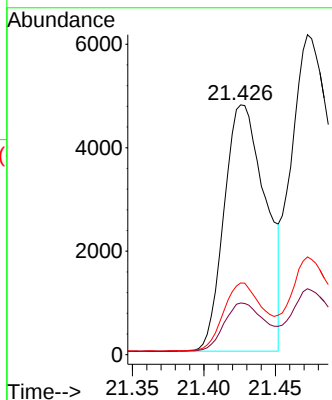
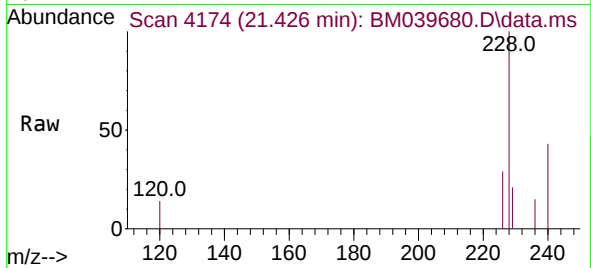




#21
Benzo(a)anthracene
Concen: 0.370 ng/ul
RT: 21.426 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

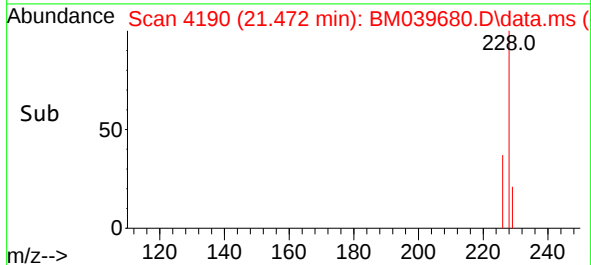
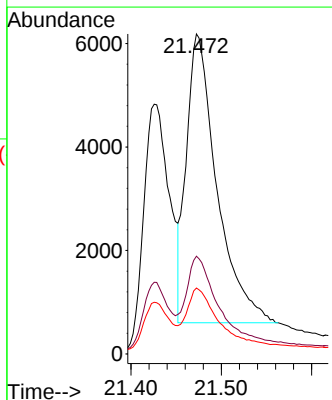
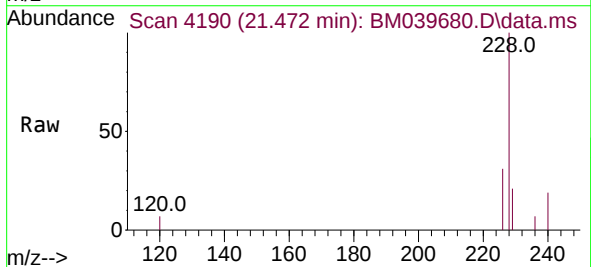
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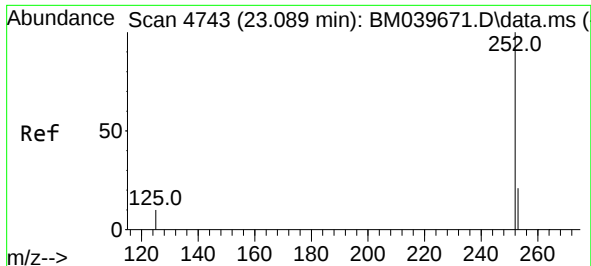
Tgt Ion:228 Resp: 9625
Ion Ratio Lower Upper
228 100
229 20.7 16.6 24.8
226 28.7 22.6 34.0



#22
Chrysene
Concen: 0.410 ng/ul
RT: 21.472 min Scan# 4190
Delta R.T. -0.006 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

Tgt Ion:228 Resp: 13083
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 20.6 16.2 24.4

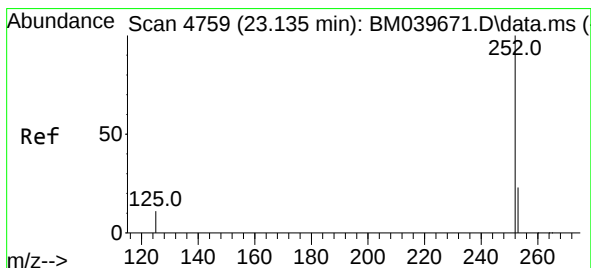
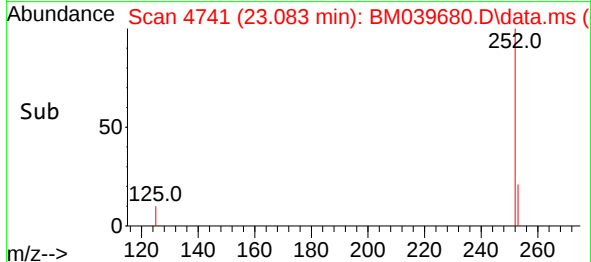
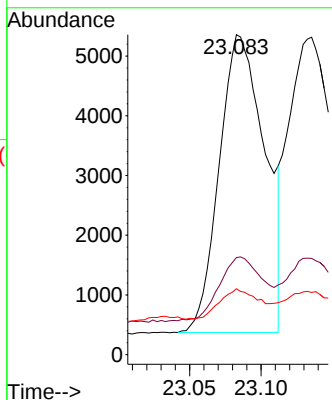
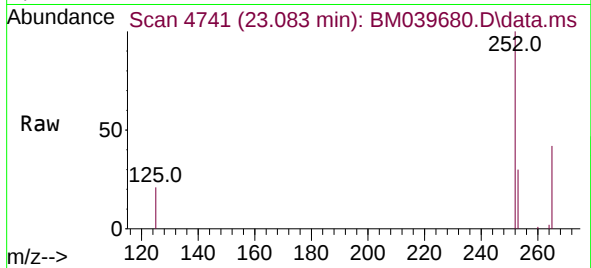




#24
Benzo(b)fluoranthene
Concen: 0.390 ng/ul
RT: 23.083 min Scan# 4741
Delta R.T. -0.006 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

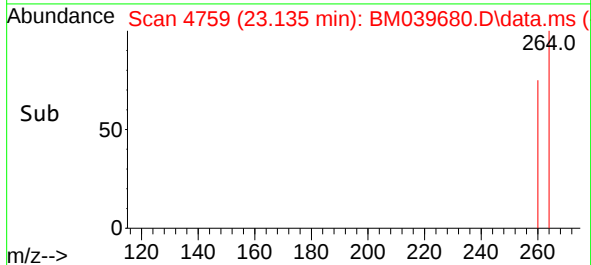
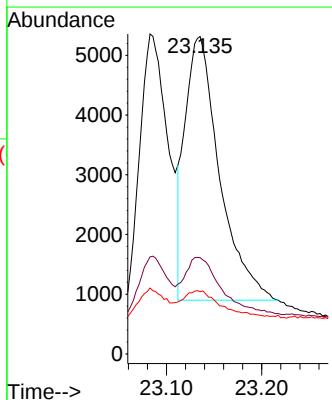
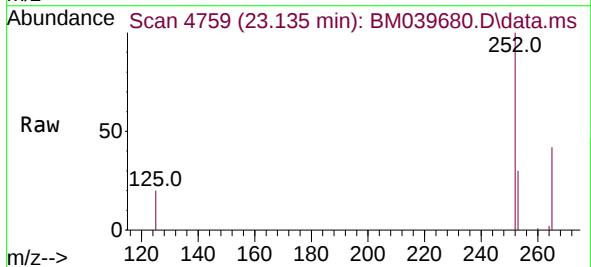
Instrument :
BNA_M
ClientSampleId :
SLCS370

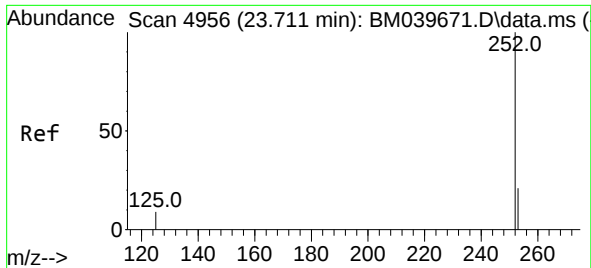
Tgt Ion:252 Resp: 11052
Ion Ratio Lower Upper
252 100
253 30.3 0.0 64.4
125 20.6 0.0 50.4



#25
Benzo(k)fluoranthene
Concen: 0.411 ng/ul
RT: 23.135 min Scan# 4759
Delta R.T. 0.000 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

Tgt Ion:252 Resp: 11115
Ion Ratio Lower Upper
252 100
253 30.3 25.5 38.3
125 19.6 20.4 30.6#

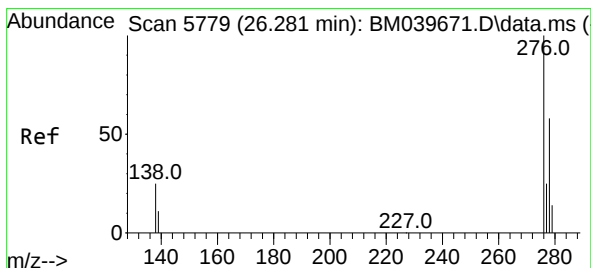
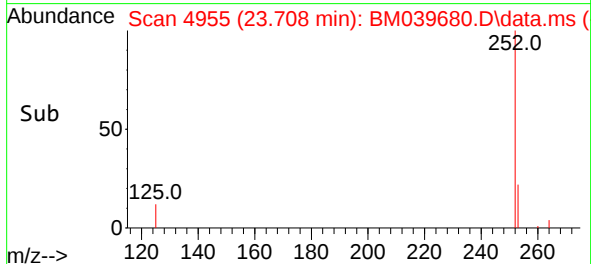
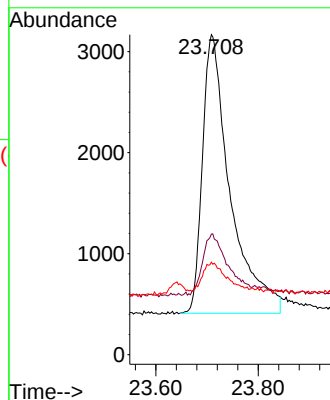
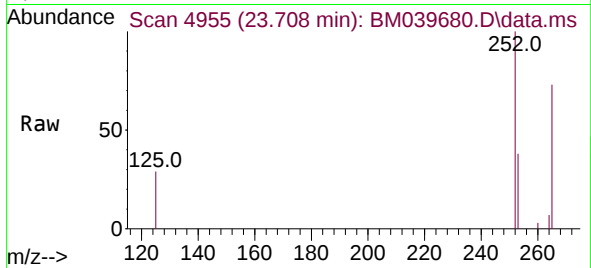




#26
Benzo(a)pyrene
Concen: 0.363 ng/ul
RT: 23.708 min Scan# 4955
Delta R.T. -0.003 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

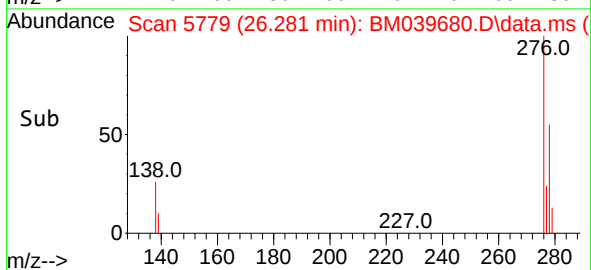
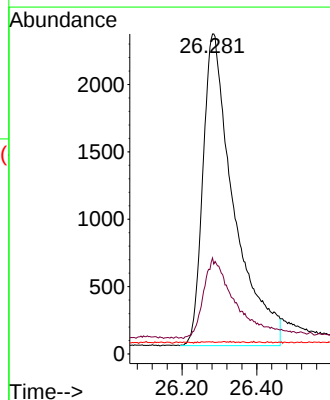
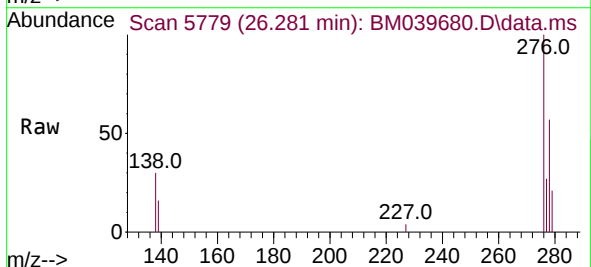
Instrument :
BNA_M
ClientSampleId :
SLCS370

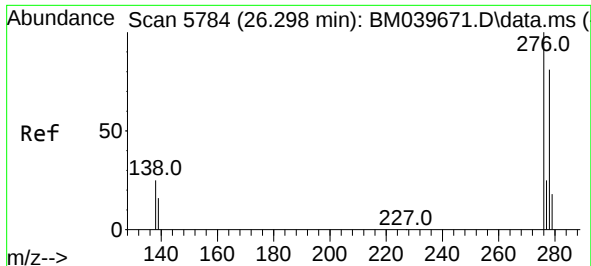
Tgt Ion:	252	Resp:	10373
Ion Ratio	Lower	Upper	
252	100		
253	37.7	31.0	46.4
125	28.9	28.2	42.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.281 min Scan# 5779
Delta R.T. 0.000 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

Tgt Ion:	276	Resp:	13234
Ion Ratio	Lower	Upper	
276	100		
138	26.5	21.4	32.0
227	0.0	0.1	0.1

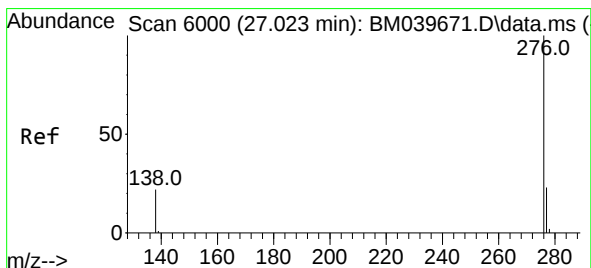
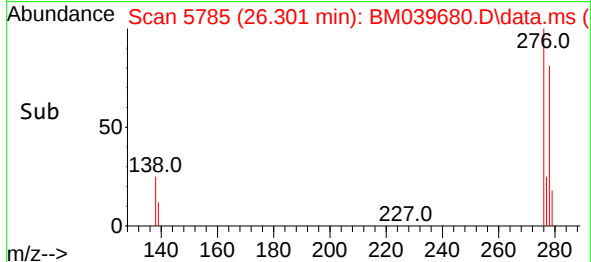
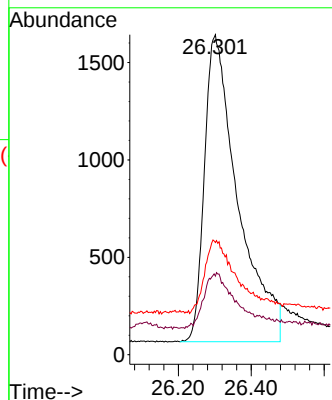
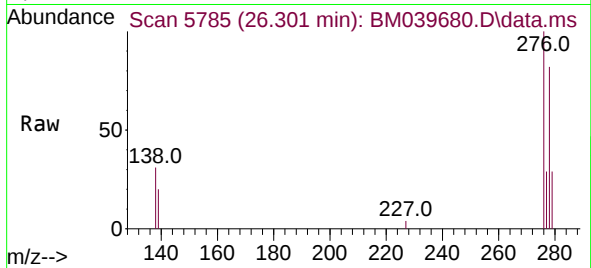




#28
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 26.301 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

Instrument :
BNA_M
ClientSampleId :
SLCS370

Tgt Ion:278 Resp: 10063
Ion Ratio Lower Upper
278 100
139 24.6 21.8 32.6
279 35.1 30.0 45.0



#29
Benzo(g,h,i)perylene
Concen: 0.347 ng/ul
RT: 27.023 min Scan# 6000
Delta R.T. 0.000 min
Lab File: BM039680.D
Acq: 26 Apr 2023 16:08

Tgt Ion:276 Resp: 11965
Ion Ratio Lower Upper
276 100
138 28.1 22.2 33.2
277 27.6 21.2 31.8

