

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039843.D
 Acq On : 05 May 2023 13:19
 Operator : CG/JU
 Sample : PB152462BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS462

Quant Time: May 06 02:20:49 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 : Sat May 06 02:18:19 2023
 Response via : Initial Calibration

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

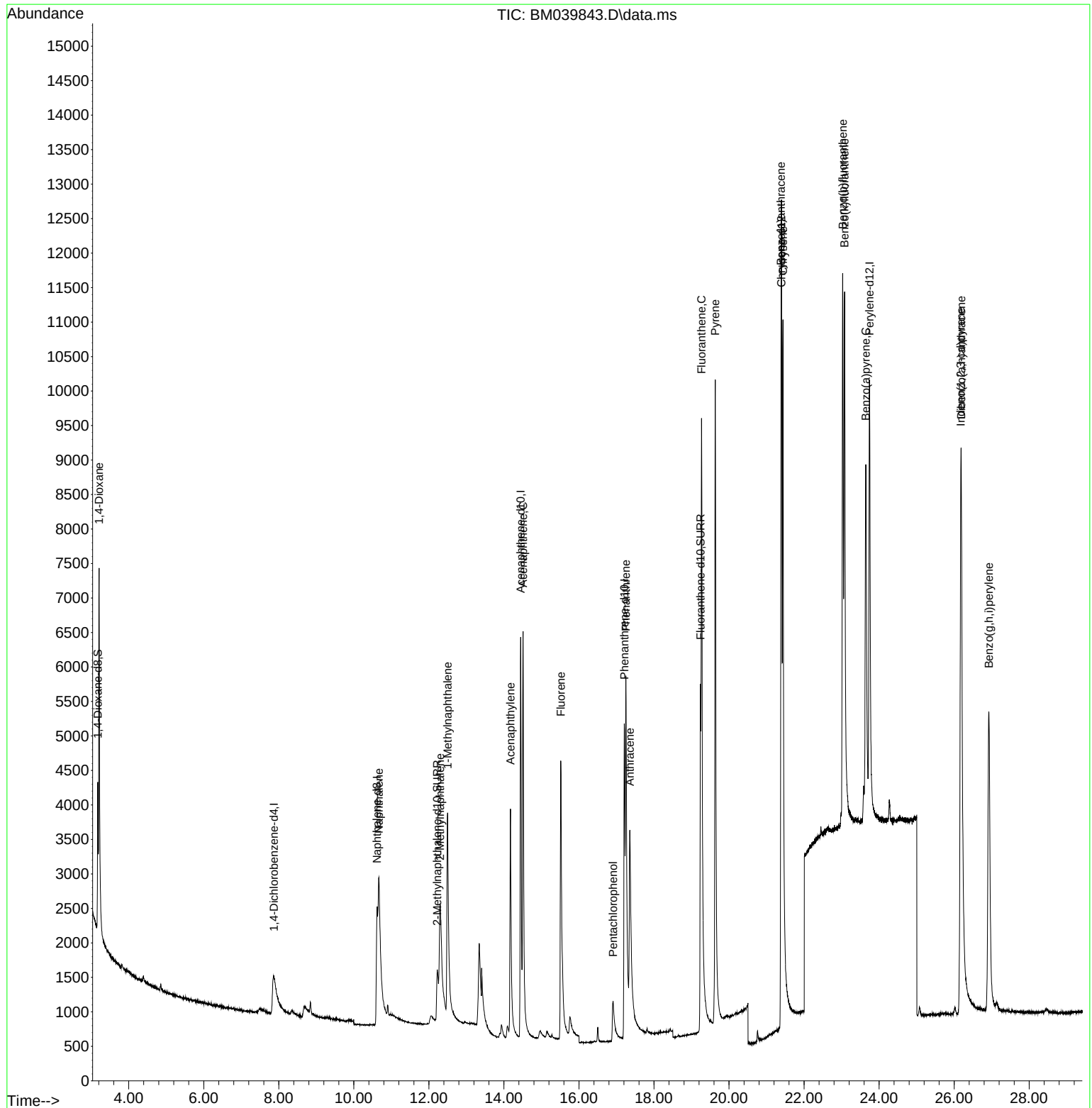
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1462	0.400	ng/ul	0.02
4) Naphthalene-d8	10.617	136	6967	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.446	164	4381	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	8555	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	9343	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	10203	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	1568	0.728	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	3053	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	8402	0.334	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.210	88	3826	1.714	ng/ul#	40
5) Naphthalene	10.666	128	5514	0.315	ng/ul#	92
7) 2-Methylnaphthalene	12.300	142	3201	0.317	ng/ul	97
8) 1-Methylnaphthalene	12.498	142	3555	0.328	ng/ul	100
10) Acenaphthylene	14.173	152	6266	0.370	ng/ul	98
11) Acenaphthene	14.511	153	4656	0.350	ng/ul	100
12) Fluorene	15.515	166	4970	0.336	ng/ul	99
14) Pentachlorophenol	16.908	266	1048	0.562	ng/ul	99
15) Phenanthrene	17.250	178	7826	0.347	ng/ul	97
16) Anthracene	17.356	178	6487	0.335	ng/ul	98
19) Fluoranthene	19.266	202	10463	0.314	ng/ul	98
20) Pyrene	19.634	202	11934	0.332	ng/ul	99
21) Benzo(a)anthracene	21.386	228	9485	0.353	ng/ul	98
22) Chrysene	21.436	228	11302	0.372	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	11795	0.329	ng/ul	94
25) Benzo(k)fluoranthene	23.078	252	12203	0.334	ng/ul	94
26) Benzo(a)pyrene	23.646	252	11084	0.345	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.176	276	14038	0.345	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.189	278	11039	0.350	ng/ul	95
29) Benzo(g,h,i)perylene	26.927	276	11986	0.338	ng/ul	98

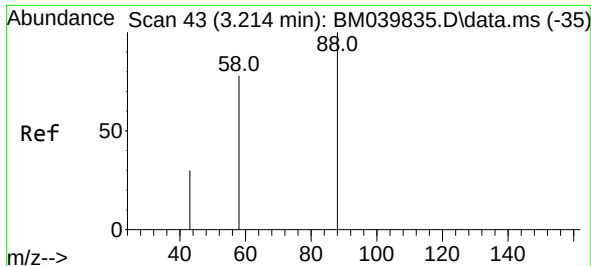
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

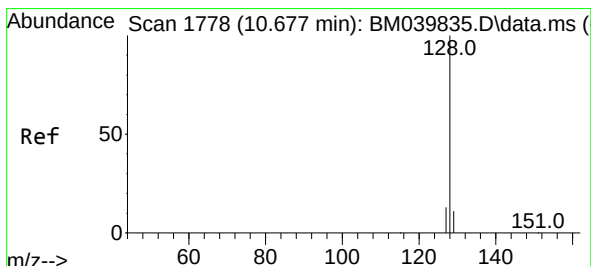
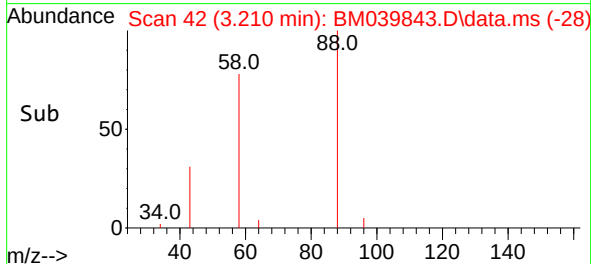
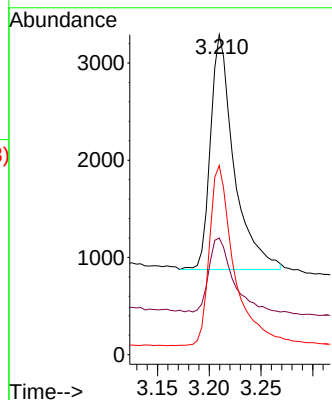
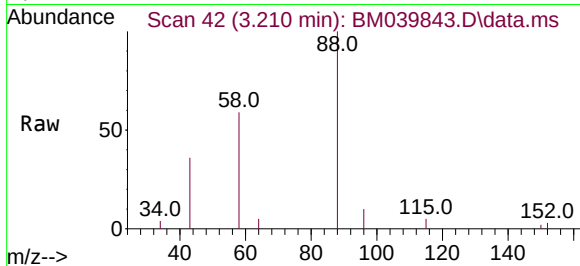




#2
 1,4-Dioxane
 Concen: 1.714 ng/ul
 RT: 3.210 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BM039843.D
 Acq: 05 May 2023 13:19

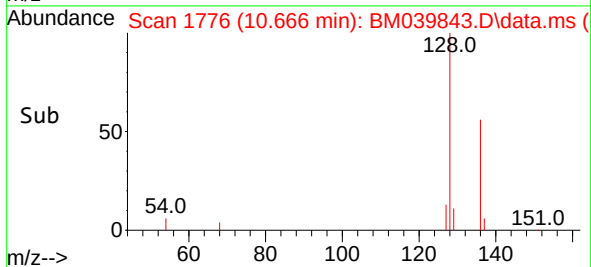
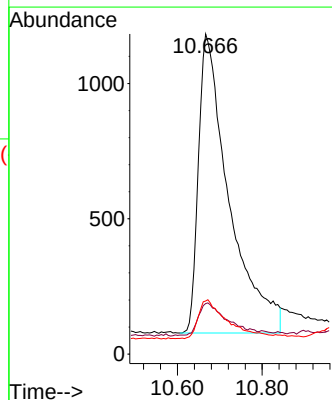
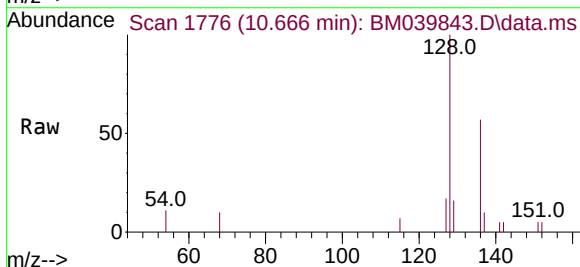
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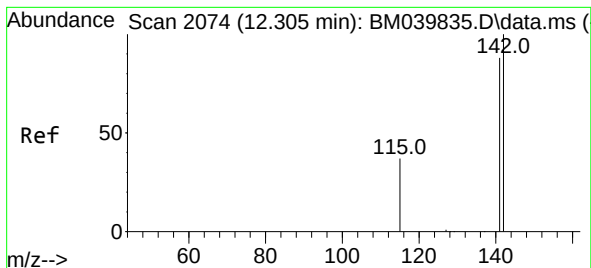
Tgt Ion: 88 Resp: 3826
 Ion Ratio Lower Upper
 88 100
 43 36.5 102.6 153.8#
 58 59.1 40.6 61.0



#5
 Naphthalene
 Concen: 0.315 ng/ul
 RT: 10.666 min Scan# 1776
 Delta R.T. 0.005 min
 Lab File: BM039843.D
 Acq: 05 May 2023 13:19

Tgt Ion: 128 Resp: 5514
 Ion Ratio Lower Upper
 128 100
 129 15.8 9.8 14.6#
 127 16.6 11.1 16.7

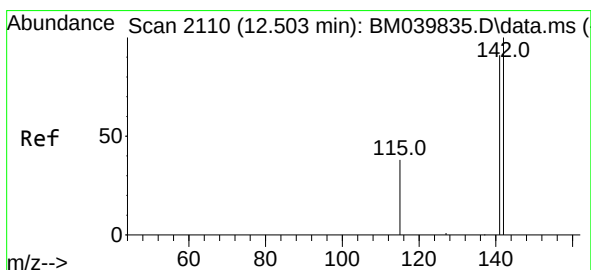
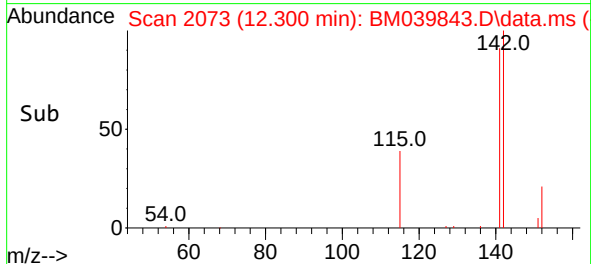
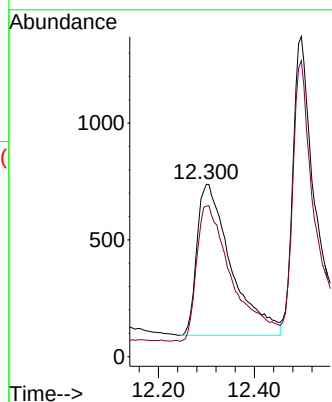
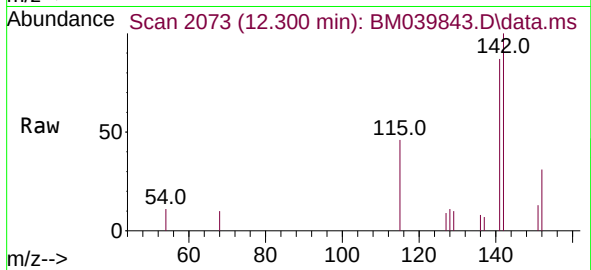




#7
2-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.300 min Scan# 2109
Delta R.T. 0.011 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

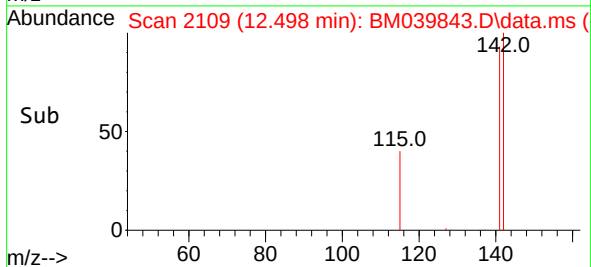
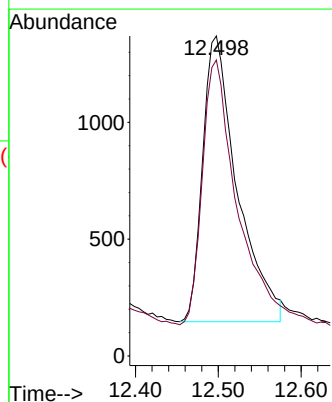
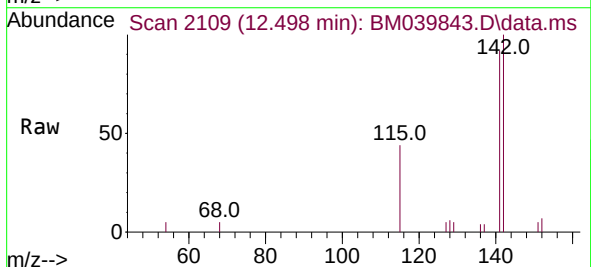
Instrument :
BNA_M
ClientSampleId :
SLCS462

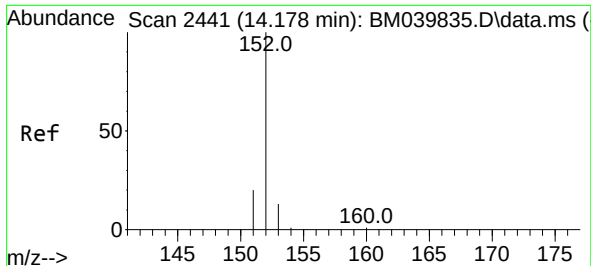
Tgt Ion:142 Resp: 3201
Ion Ratio Lower Upper
142 100
141 94.7 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.498 min Scan# 2109
Delta R.T. 0.005 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Tgt Ion:142 Resp: 3555
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2

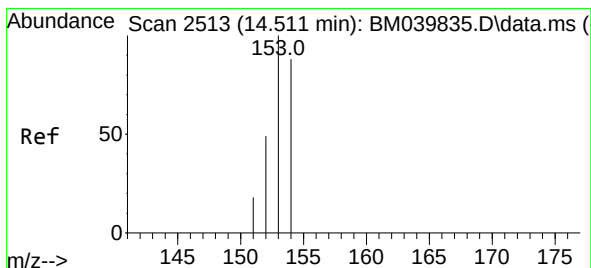
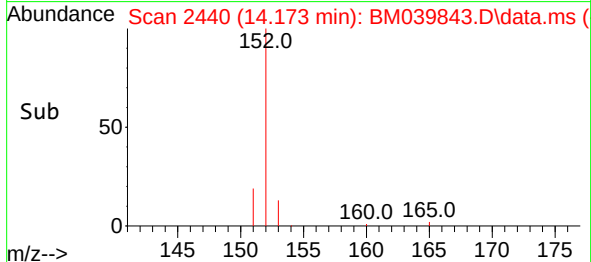
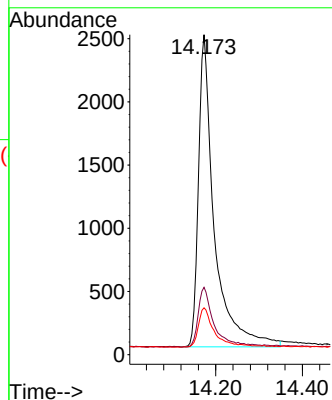
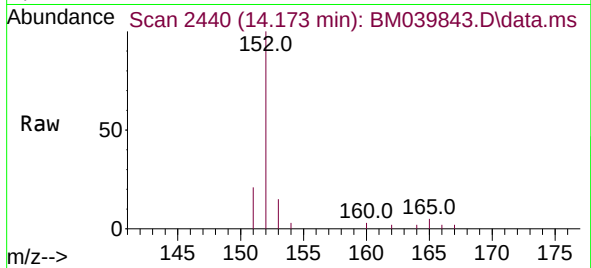




#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.173 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

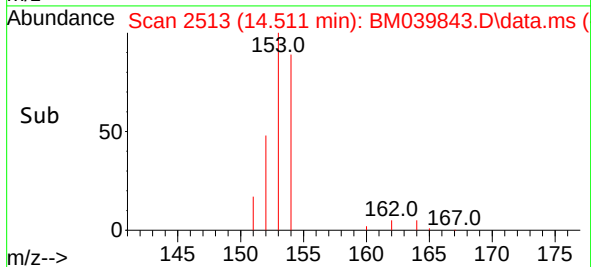
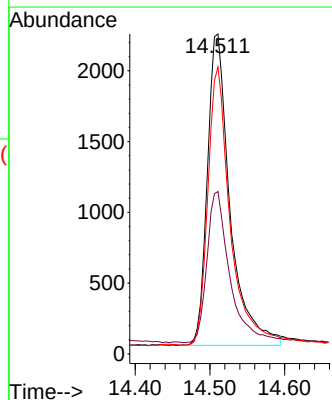
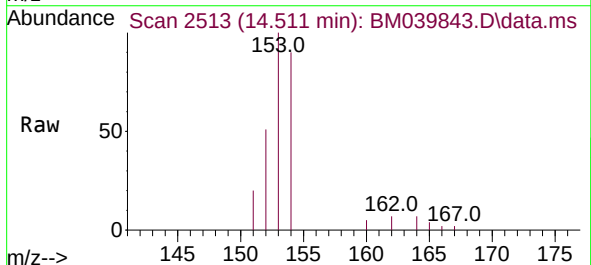
Instrument :
BNA_M
ClientSampleId :
SLCS462

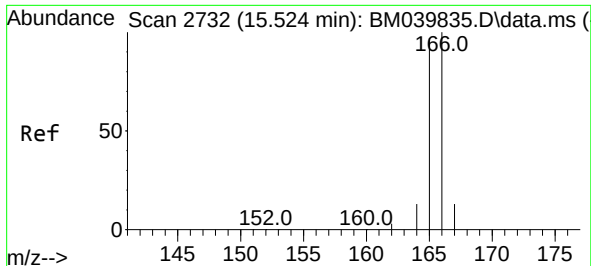
Tgt Ion:152	Resp:	6266
Ion Ratio	Lower	Upper
152	100	
151	21.1	16.0 24.0
153	14.7	11.2 16.8



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Tgt Ion:153	Resp:	4656
Ion Ratio	Lower	Upper
153	100	
152	50.8	40.6 61.0
154	89.6	71.9 107.9

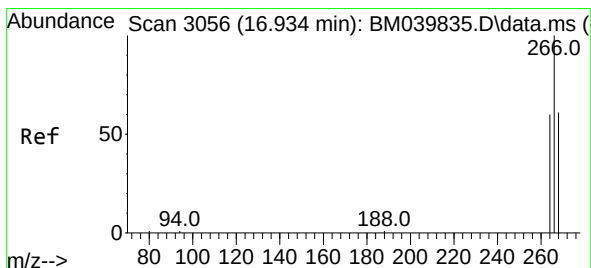
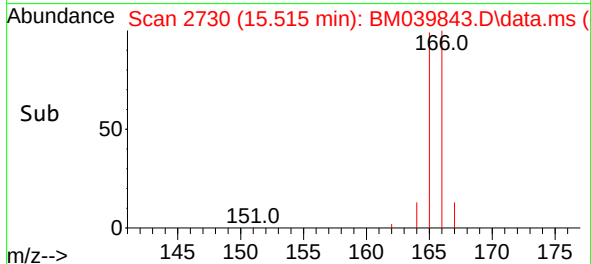
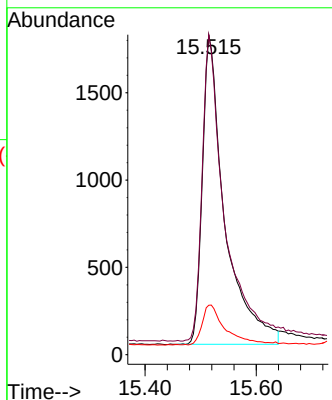
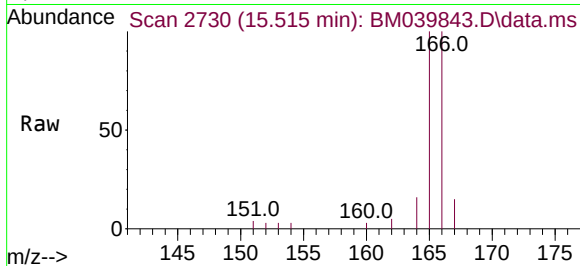




#12
 Fluorene
 Concen: 0.336 ng/ul
 RT: 15.515 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039843.D
 Acq: 05 May 2023 13:19

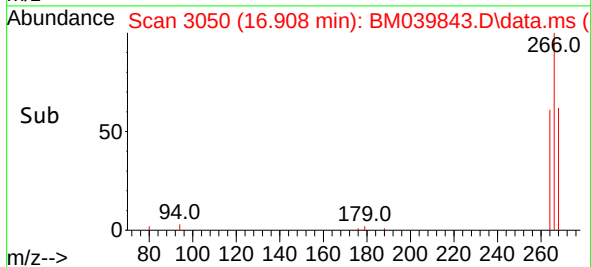
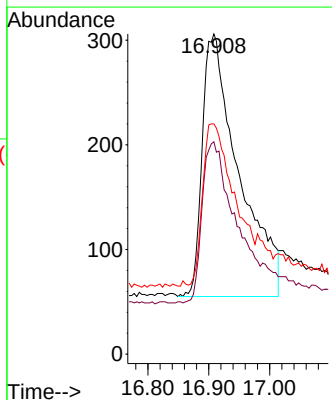
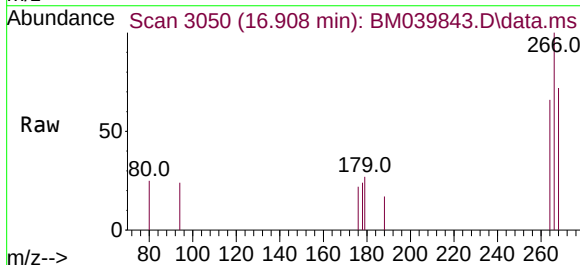
Instrument :
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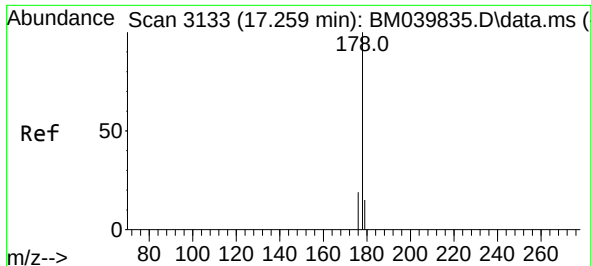
Tgt Ion:166 Resp: 4970
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.0 118.6
 167 15.5 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.562 ng/ul
 RT: 16.908 min Scan# 3050
 Delta R.T. -0.000 min
 Lab File: BM039843.D
 Acq: 05 May 2023 13:19

Tgt Ion:266 Resp: 1048
 Ion Ratio Lower Upper
 266 100
 264 61.0 48.8 73.2
 268 62.2 50.4 75.6

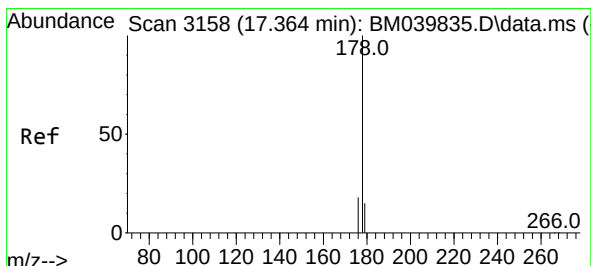
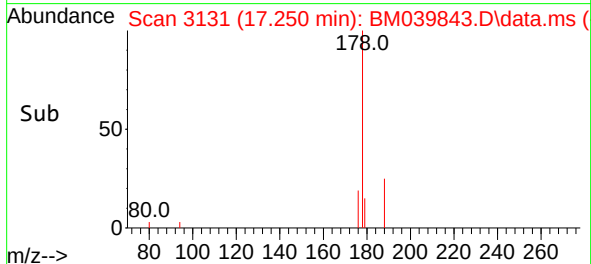
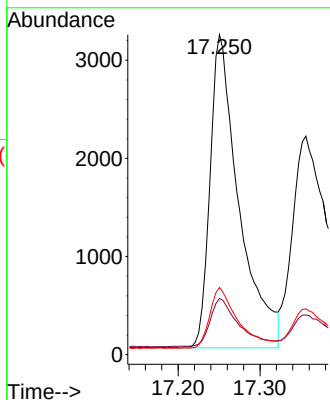
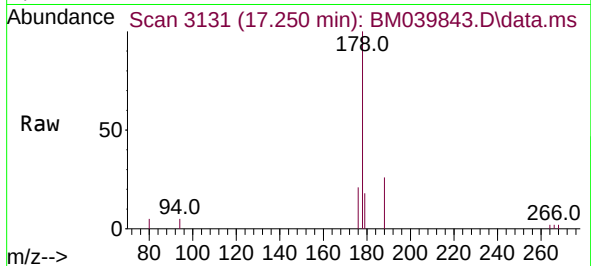




#15
Phenanthrene
Concen: 0.347 ng/ul
RT: 17.250 min Scan# 3113
Delta R.T. -0.004 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

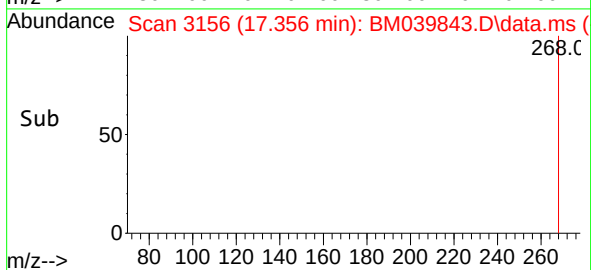
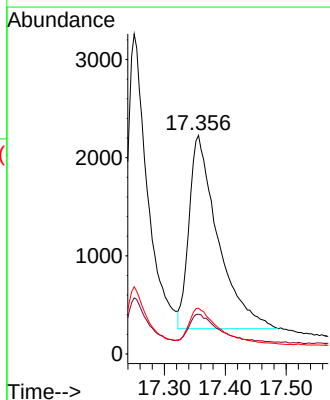
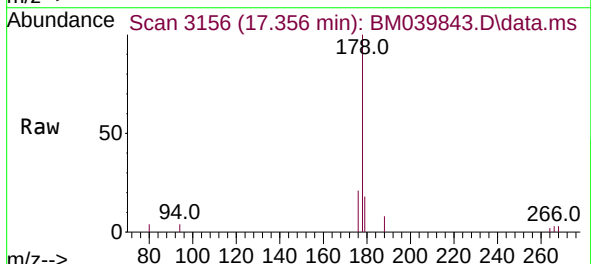
Instrument :
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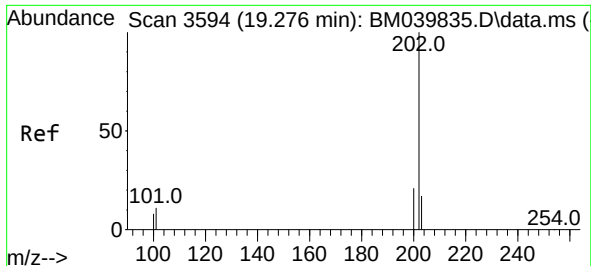
Tgt Ion:178 Resp: 7826
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.6
176 21.0 15.8 23.8



#16
Anthracene
Concen: 0.335 ng/ul
RT: 17.356 min Scan# 3156
Delta R.T. -0.000 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Tgt Ion:178 Resp: 6487
Ion Ratio Lower Upper
178 100
179 18.1 13.8 20.6
176 21.0 15.8 23.8

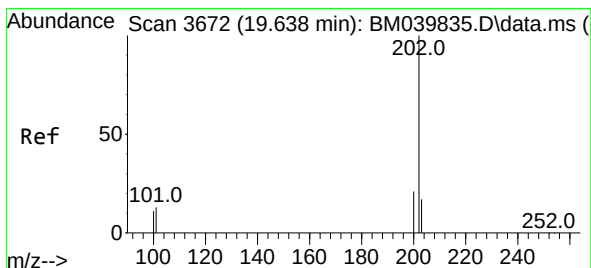
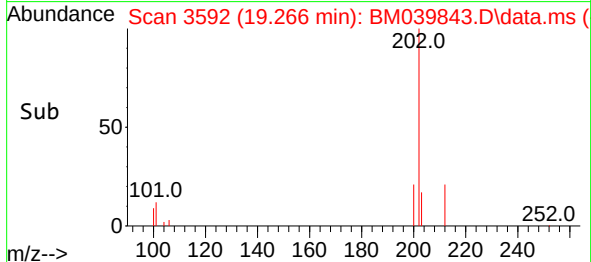
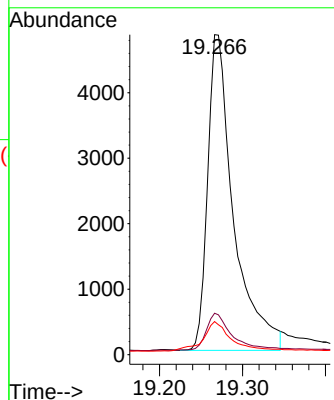
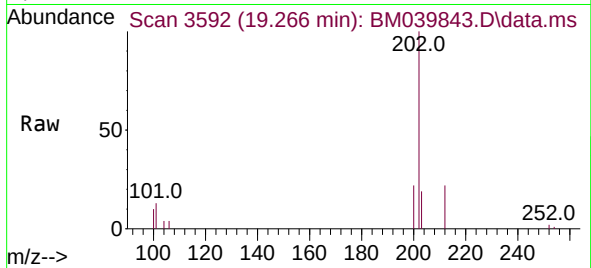




#19
Fluoranthene
Concen: 0.314 ng/ul
RT: 19.266 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

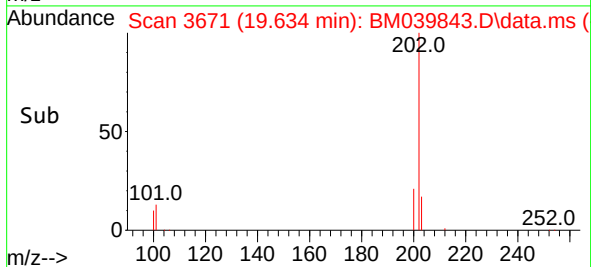
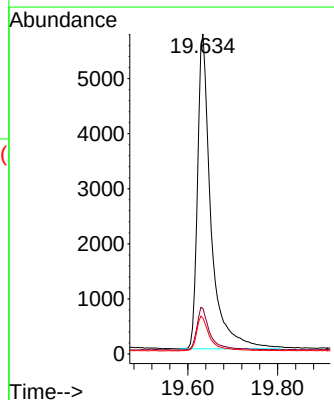
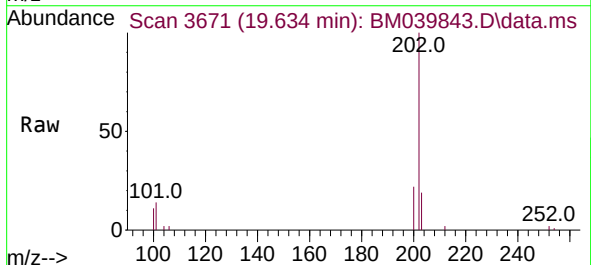
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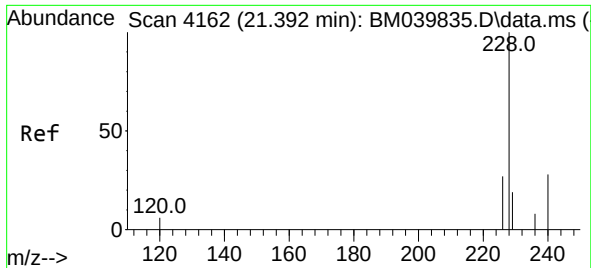
Tgt Ion:202 Resp: 10463
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.8
100 10.4 7.3 10.9



#20
Pyrene
Concen: 0.332 ng/ul
RT: 19.634 min Scan# 3671
Delta R.T. -0.000 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Tgt Ion:202 Resp: 11934
Ion Ratio Lower Upper
202 100
101 14.2 10.9 16.3
100 11.3 8.9 13.3

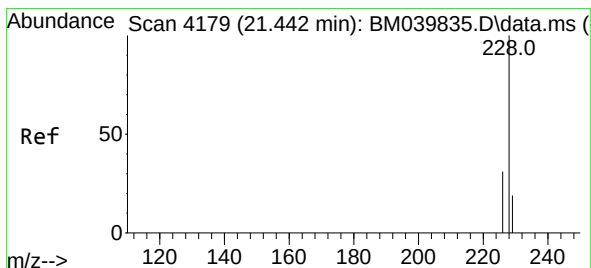
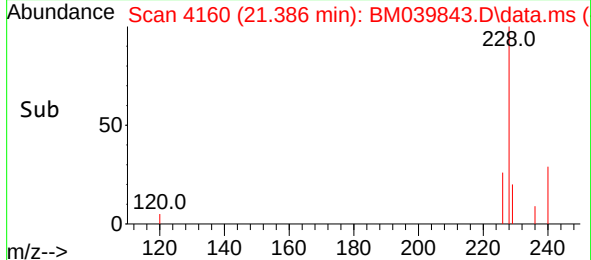
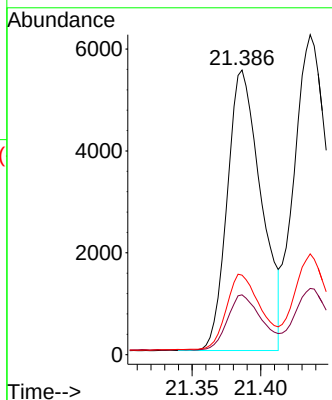
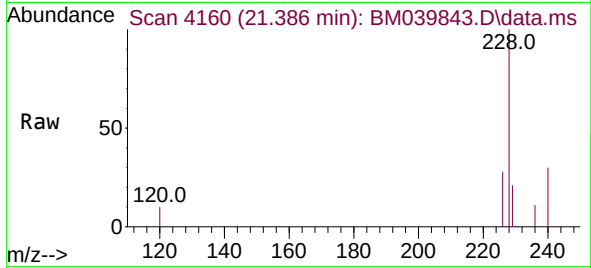




#21
Benzo(a)anthracene
Concen: 0.353 ng/ul
RT: 21.386 min Scan# 4160
Delta R.T. -0.004 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

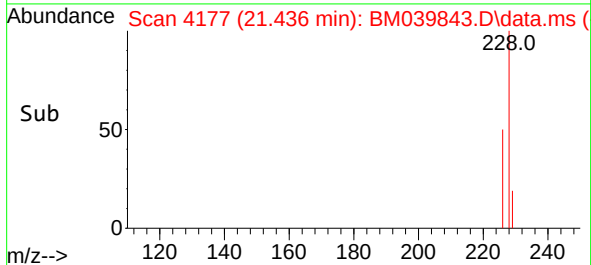
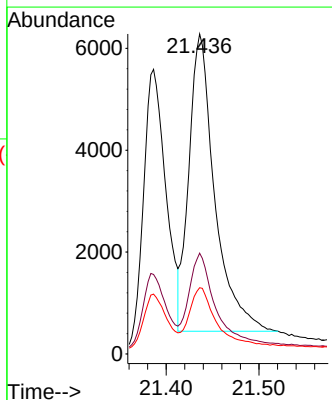
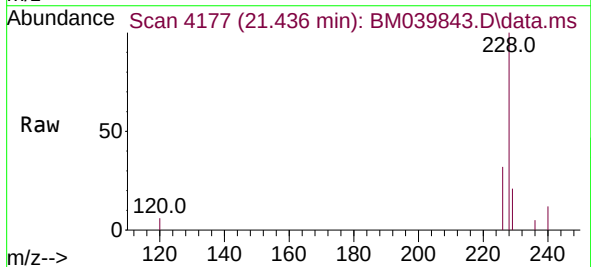
Instrument :
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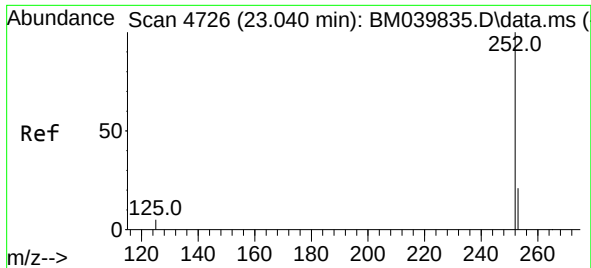
Tgt Ion:228 Resp: 9485
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 27.9 21.6 32.4



#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.436 min Scan# 4177
Delta R.T. -0.004 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Tgt Ion:228 Resp: 11302
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 20.7 15.9 23.9

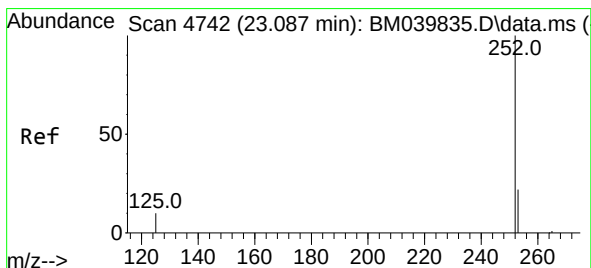
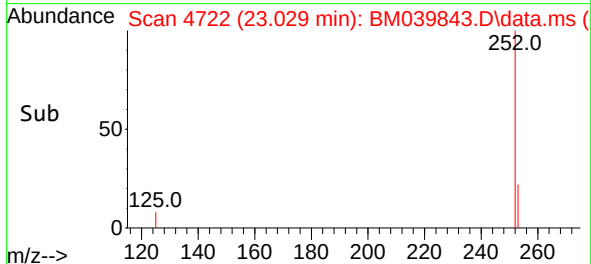
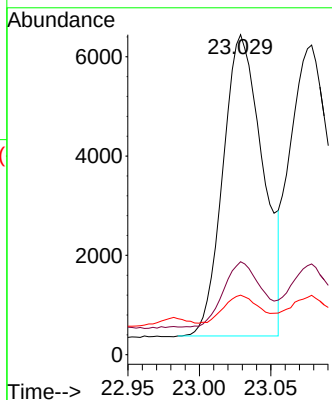
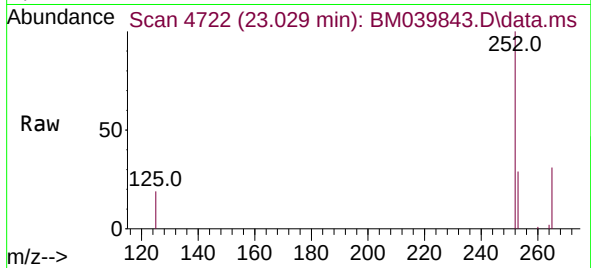




#24
Benzo(b)fluoranthene
Concen: 0.329 ng/ul
RT: 23.029 min Scan# 4739
Delta R.T. -0.007 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

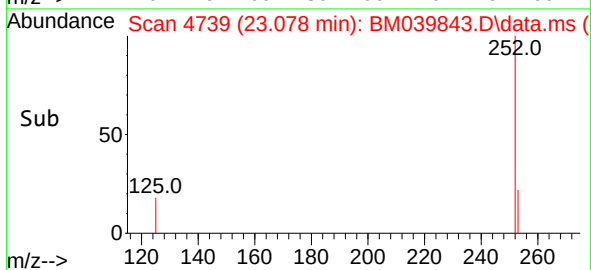
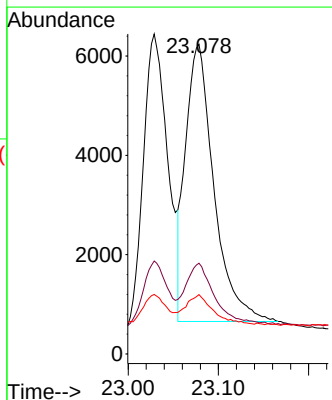
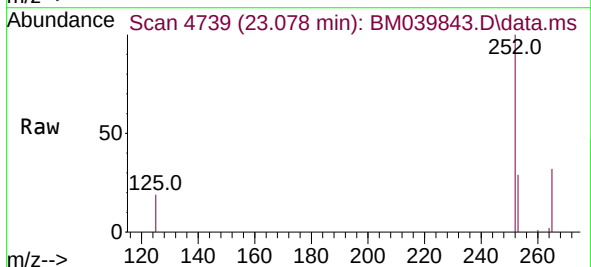
Instrument :
BNA_M
ClientSampleId :
SLCS462

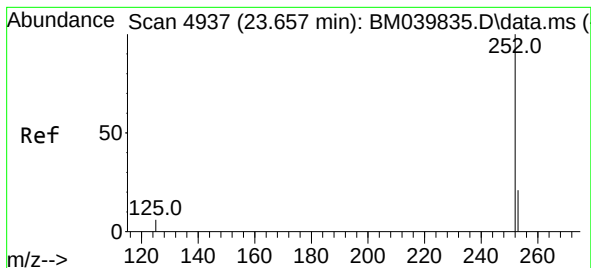
Tgt Ion:252	Resp:	11795
Ion Ratio	Lower	Upper
252	100	
253	29.0	0.0 52.8
125	18.6	0.0 31.6



#25
Benzo(k)fluoranthene
Concen: 0.334 ng/ul
RT: 23.078 min Scan# 4739
Delta R.T. -0.007 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Tgt Ion:252	Resp:	12203
Ion Ratio	Lower	Upper
252	100	
253	29.3	21.3 31.9
125	19.2	13.0 19.6





#26

Benzo(a)pyrene

Concen: 0.345 ng/ul

RT: 23.646 min Scan# 4933

Delta R.T. -0.004 min

Lab File: BM039843.D

Acq: 05 May 2023 13:19

Instrument :

BNA_M

ClientSampleId :

SLCS462

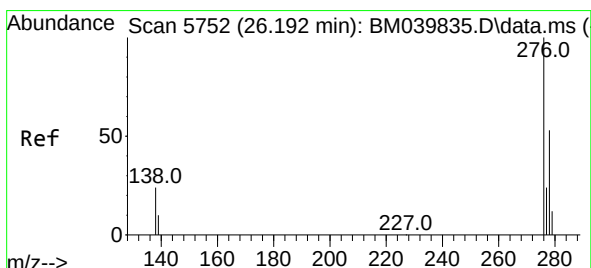
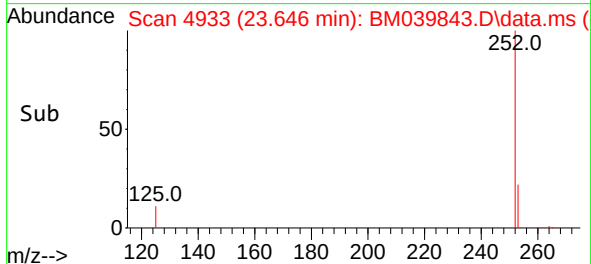
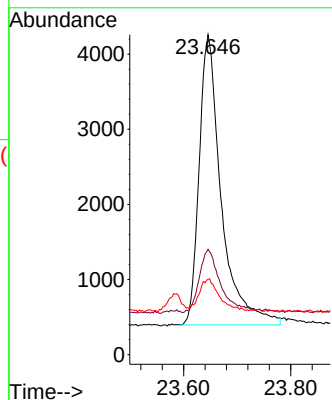
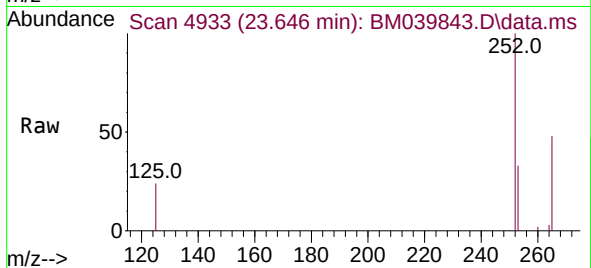
Tgt Ion:252 Resp: 11084

Ion Ratio Lower Upper

252 100

253 32.9 24.7 37.1

125 23.6 16.5 24.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.345 ng/ul

RT: 26.176 min Scan# 5747

Delta R.T. -0.012 min

Lab File: BM039843.D

Acq: 05 May 2023 13:19

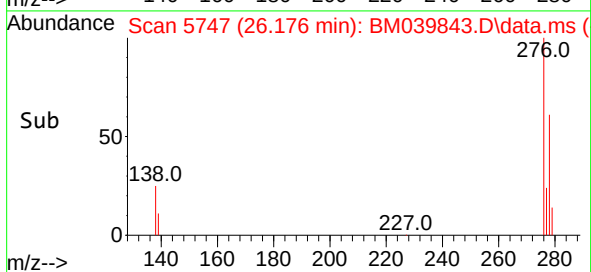
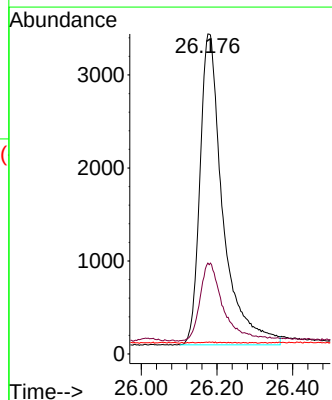
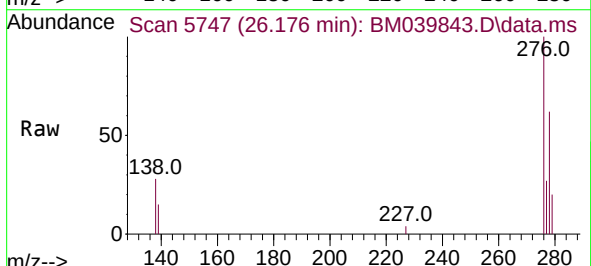
Tgt Ion:276 Resp: 14038

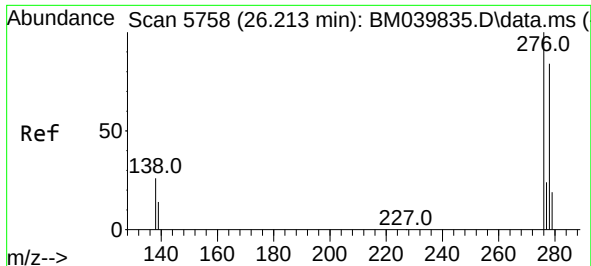
Ion Ratio Lower Upper

276 100

138 26.2 21.1 31.7

227 0.2 0.1 0.1#

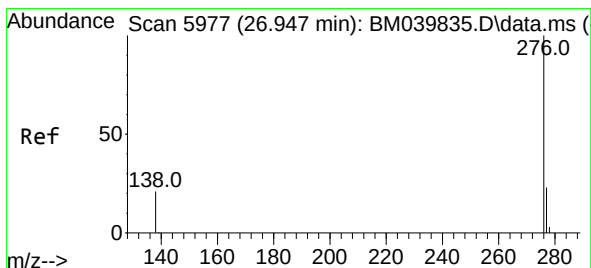
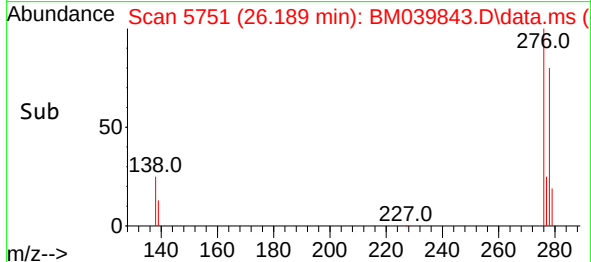
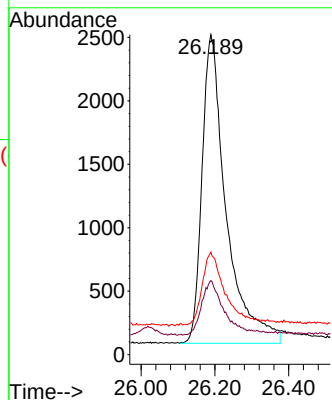
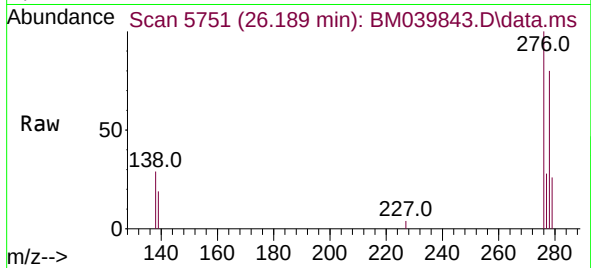




#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 26.189 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS462

Tgt Ion:278 Resp: 11039
Ion Ratio Lower Upper
278 100
139 23.2 17.0 25.6
279 32.0 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.338 ng/ul
RT: 26.927 min Scan# 5971
Delta R.T. -0.005 min
Lab File: BM039843.D
Acq: 05 May 2023 13:19

Tgt Ion:276 Resp: 11986
Ion Ratio Lower Upper
276 100
138 25.7 20.1 30.1
277 26.7 20.1 30.1

