

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039851.D
 Acq On : 05 May 2023 18:45
 Operator : CG/JU
 Sample : 02479-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW973

Quant Time: May 06 02:48:13 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 02:22:07 2023
 Response via : Initial Calibration

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

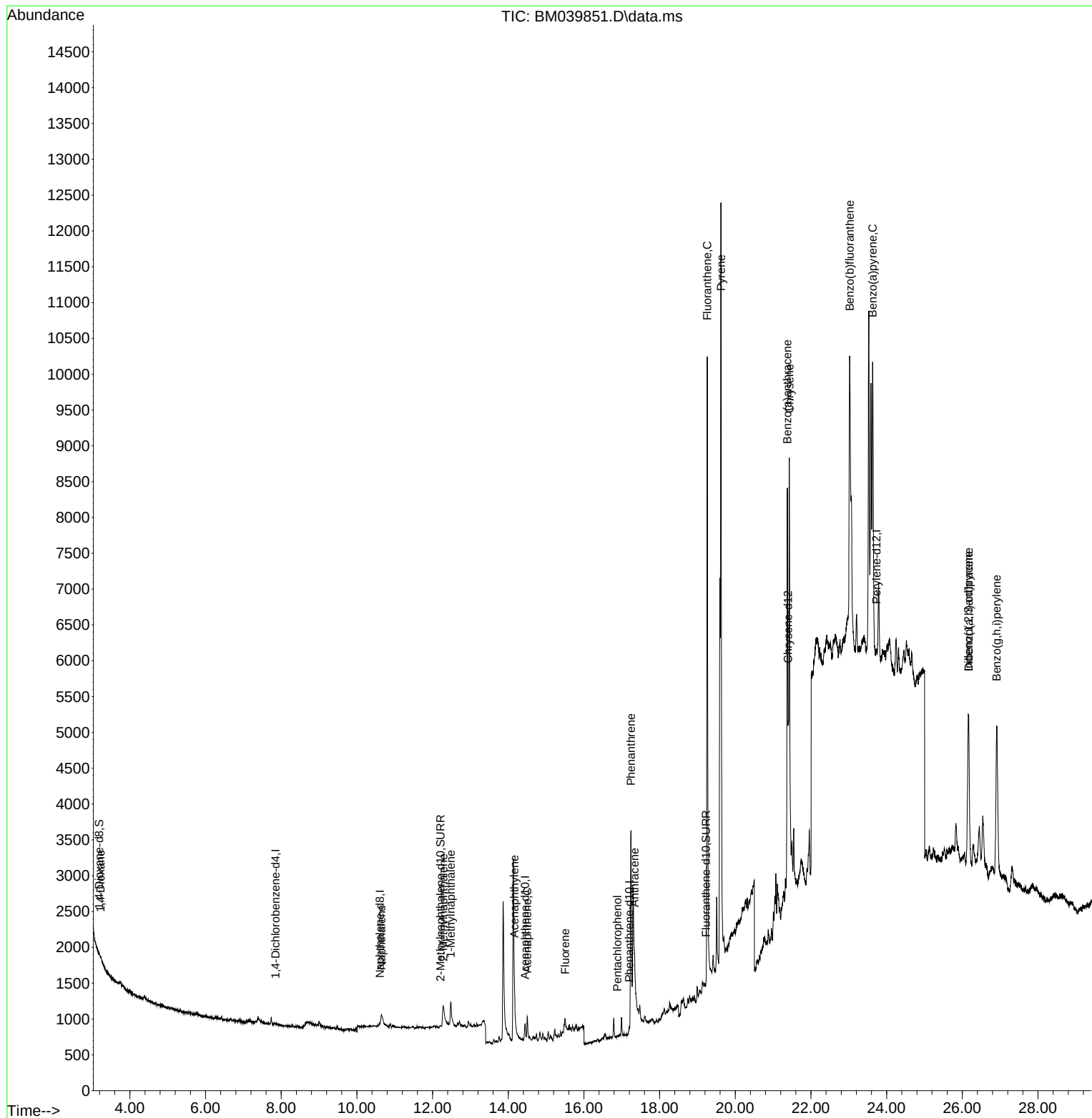
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	5	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.606	136	140	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.446	164	112	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.200	188	137	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.392	240	231	0.400	ng/ul	#-0.01
23) Perylene-d12	23.736	264	138	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	28	3.800	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.212	152	10	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	59	0.095	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.231	88	30	3.930	ng/ul#	60
5) Naphthalene	10.650	128	561	1.596	ng/ul#	33
7) 2-Methylnaphthalene	12.283	142	680	3.351	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	330	1.516	ng/ul	100
10) Acenaphthylene	14.164	152	612	1.412	ng/ul#	48
11) Acenaphthene	14.506	153	250	0.734	ng/ul#	83
12) Fluorene	15.505	166	258	0.683	ng/ul#	75
14) Pentachlorophenol	16.883	266	6	0.201	ng/ul	94
15) Phenanthrene	17.242	178	4515	12.509	ng/ul#	93
16) Anthracene	17.339	178	925	2.985	ng/ul#	66
19) Fluoranthene	19.262	202	9410	11.418	ng/ul	100
20) Pyrene	19.624	202	10889	12.235	ng/ul	98
21) Benzo(a)anthracene	21.375	228	6481	9.758	ng/ul#	77
22) Chrysene	21.430	228	6155	8.189	ng/ul#	79
24) Benzo(b)fluoranthene	23.023	252	7042	14.530	ng/ul#	52
26) Benzo(a)pyrene	23.631	252	6402	14.713	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	26.162	276	3517	6.392	ng/ul	100
28) Dibenzo(a,h)anthracene	26.169	278	1481	3.468	ng/ul#	1
29) Benzo(g,h,i)perylene	26.910	276	4918	10.258	ng/ul#	67

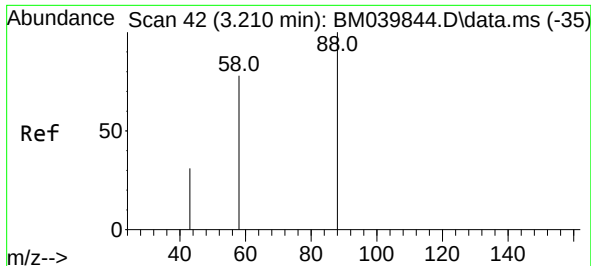
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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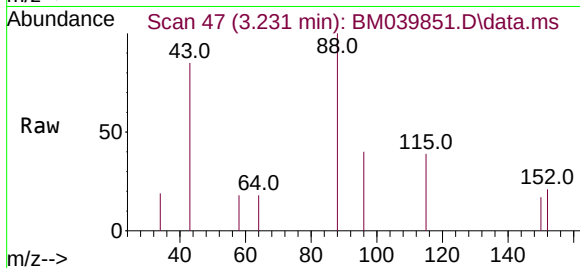
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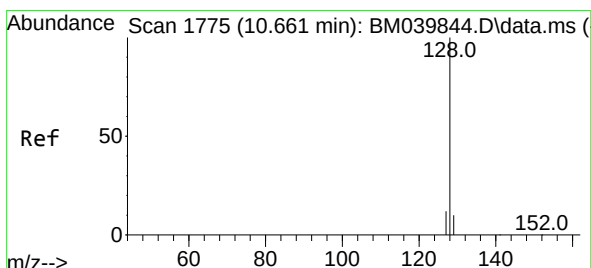
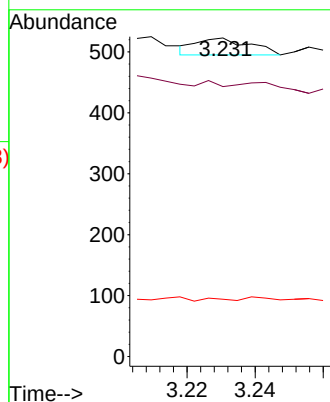
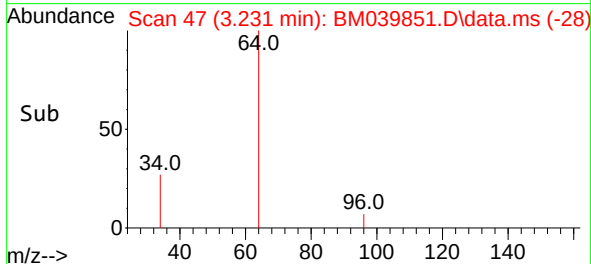


#2
1,4-Dioxane
Concen: 3.930 ng/ul
RT: 3.231 min Scan# 41
Delta R.T. 0.021 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45

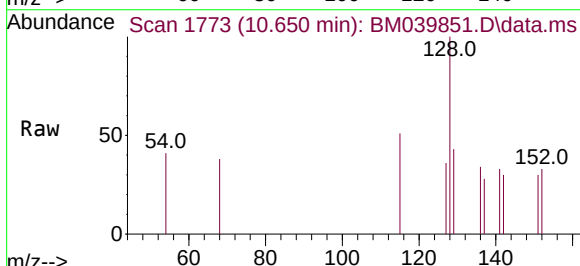
Instrument :
BNA_M
ClientSampleId :
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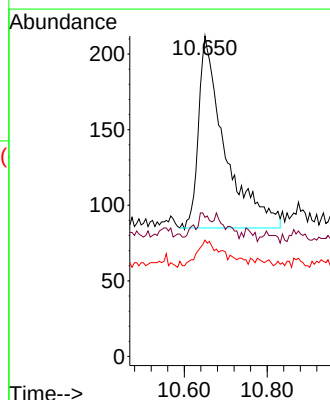
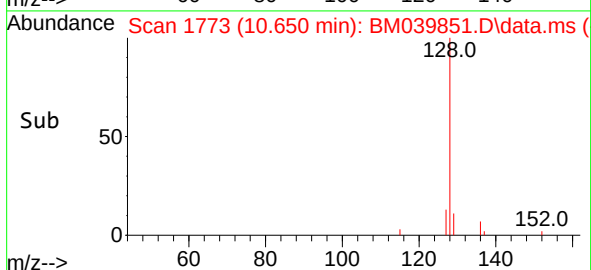
Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 84.7 102.6 153.8#
58 18.0 40.6 61.0#

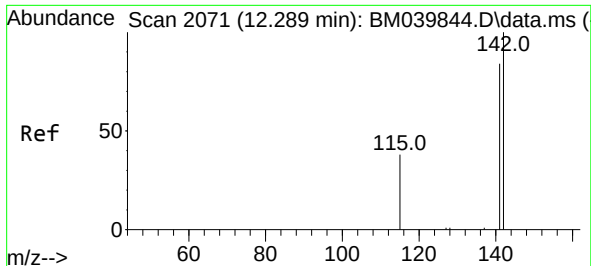


#5
Naphthalene
Concen: 1.596 ng/ul
RT: 10.650 min Scan# 1773
Delta R.T. -0.011 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45



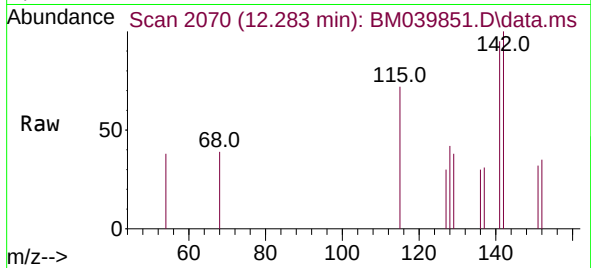
Tgt Ion: 128 Resp: 561
Ion Ratio Lower Upper
128 100
129 43.4 9.8 14.6#
127 36.3 11.1 16.7#



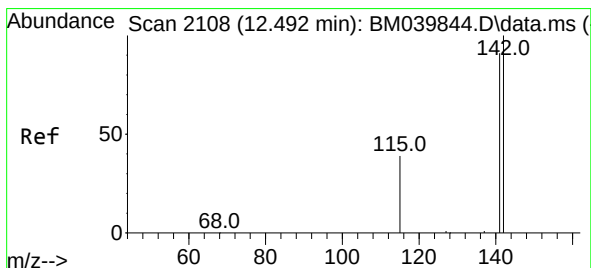
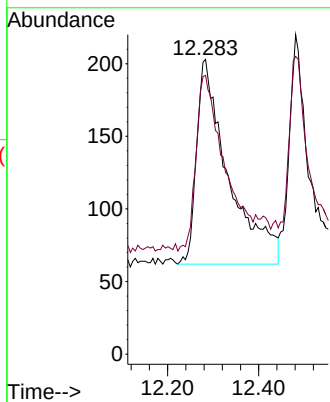
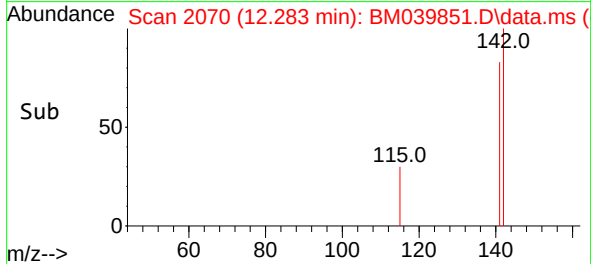


#7
2-Methylnaphthalene
Concen: 3.351 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45

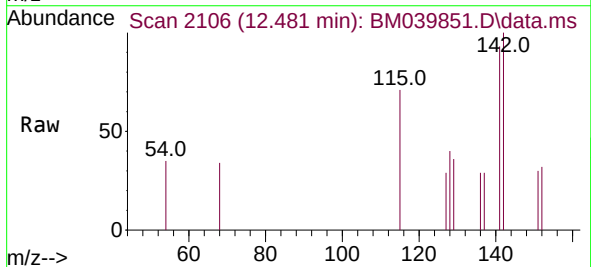
Instrument :
BNA_M
ClientSampleId :
EW973



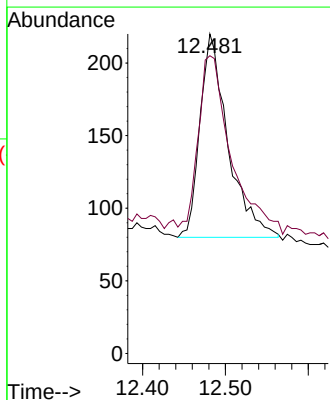
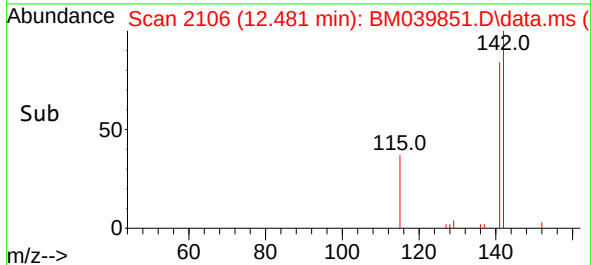
Tgt Ion:142 Resp: 680
Ion Ratio Lower Upper
142 100
141 87.9 73.2 109.8

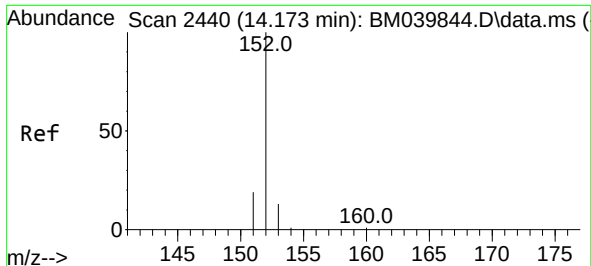


#8
1-Methylnaphthalene
Concen: 1.516 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45



Tgt Ion:142 Resp: 330
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2

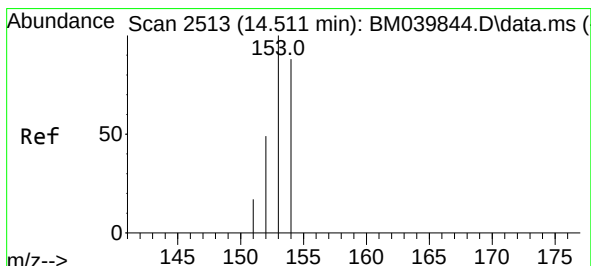
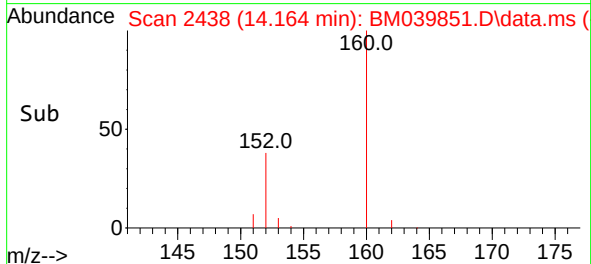
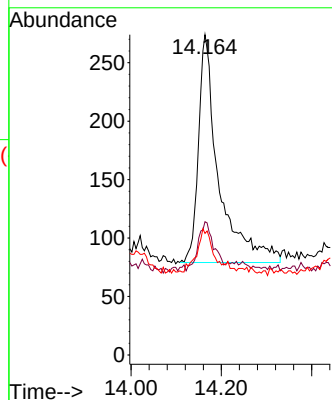
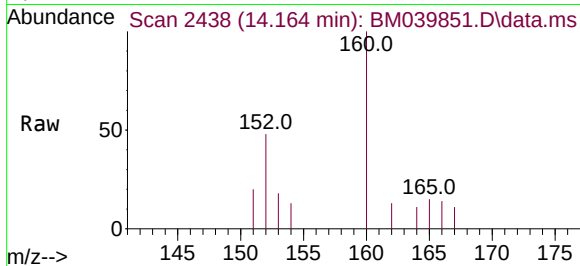




#10
Acenaphthylene
Concen: 1.412 ng/ul
RT: 14.164 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45

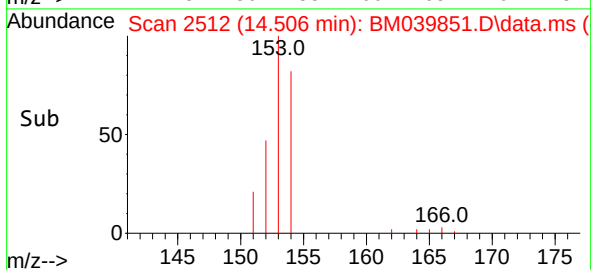
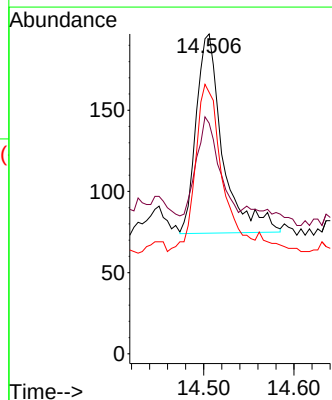
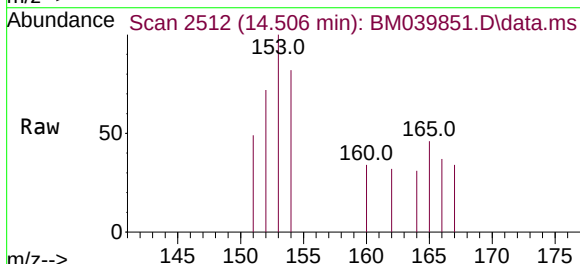
Instrument :
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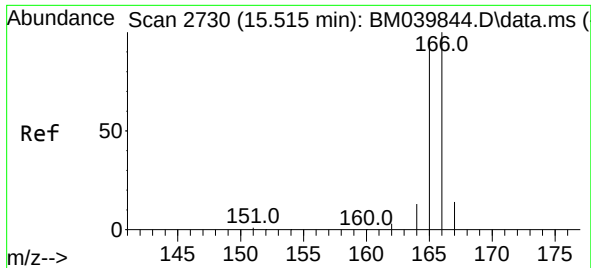
Tgt Ion:152 Resp: 612
Ion Ratio Lower Upper
152 100
151 41.6 16.0 24.0#
153 38.0 11.2 16.8#



#11
Acenaphthene
Concen: 0.734 ng/ul
RT: 14.506 min Scan# 2512
Delta R.T. -0.005 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45

Tgt Ion:153 Resp: 250
Ion Ratio Lower Upper
153 100
152 72.1 40.6 61.0#
154 81.7 71.9 107.9

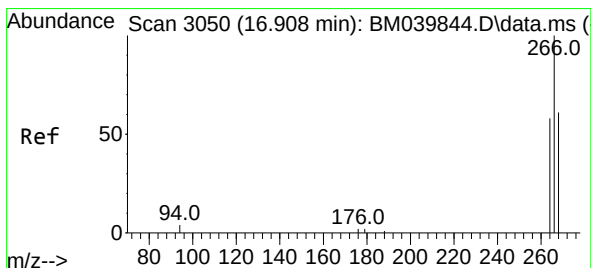
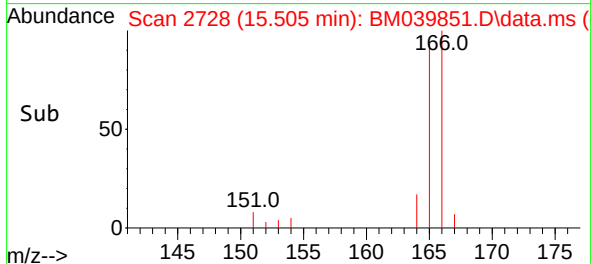
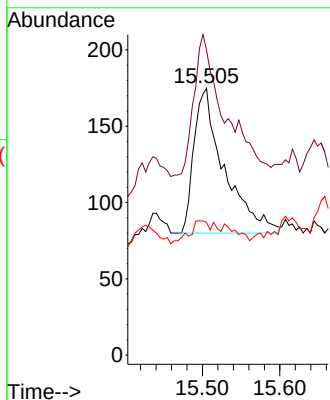
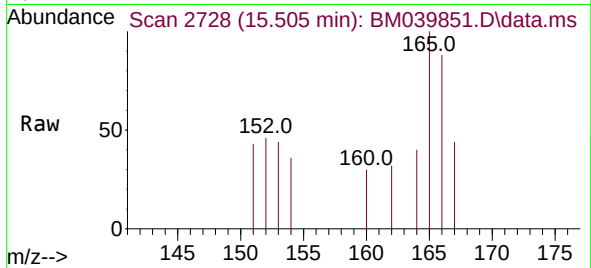




#12
 Fluorene
 Concen: 0.683 ng/ul
 RT: 15.505 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BM039851.D
 Acq: 05 May 2023 18:45

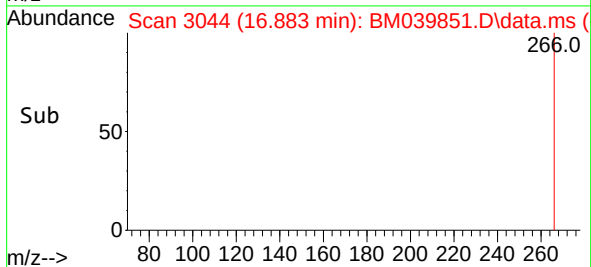
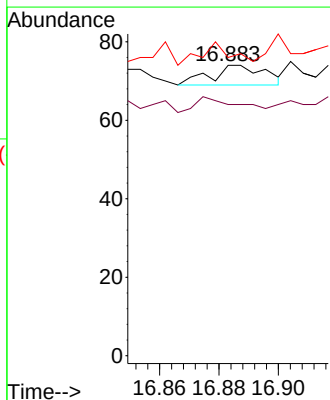
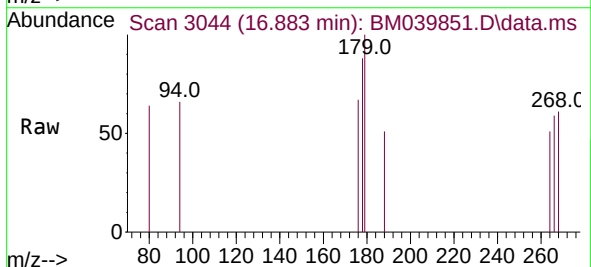
Instrument :
 BNA_M
 ClientSampleId :
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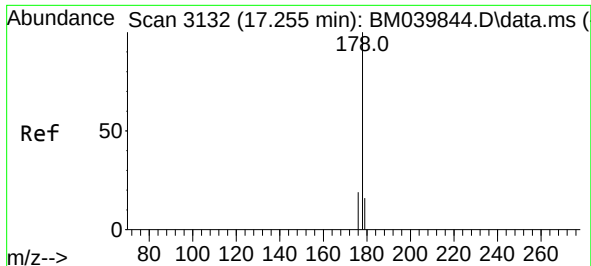
Tgt Ion:166 Resp: 258
 Ion Ratio Lower Upper
 166 100
 165 114.3 79.0 118.6
 167 49.7 11.8 17.6#



#14
 Pentachlorophenol
 Concen: 0.201 ng/ul
 RT: 16.883 min Scan# 3044
 Delta R.T. -0.025 min
 Lab File: BM039851.D
 Acq: 05 May 2023 18:45

Tgt Ion:266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 66.7 48.8 73.2
 268 66.7 50.4 75.6

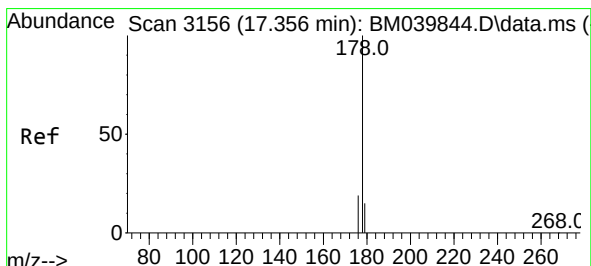
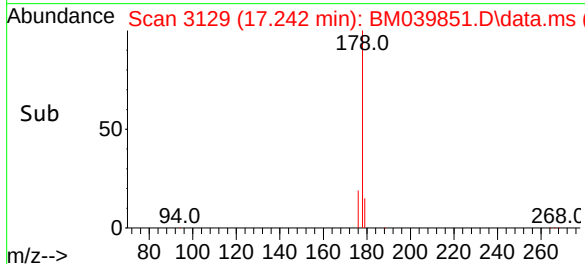
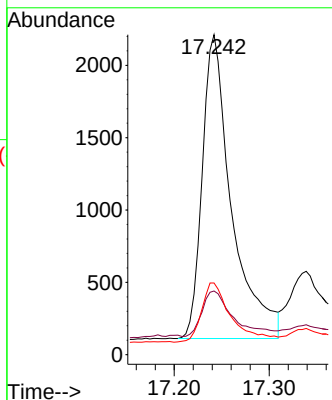
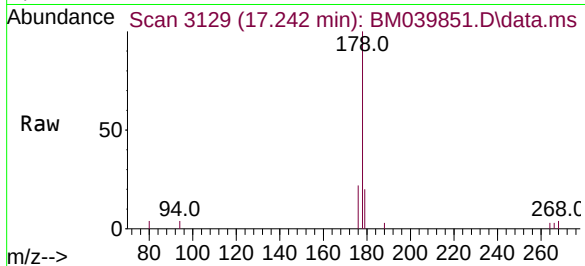




#15
Phenanthrene
Concen: 12.509 ng/ul
RT: 17.242 min Scan# 3132
Delta R.T. -0.013 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45

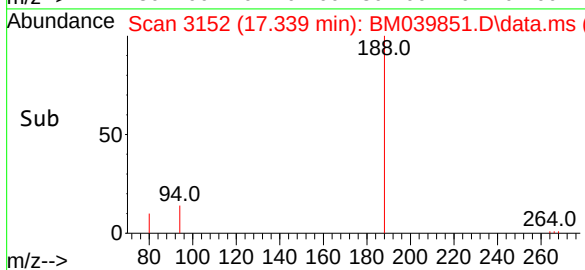
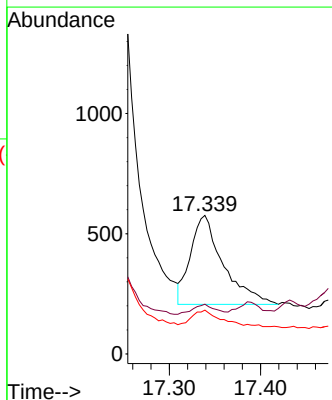
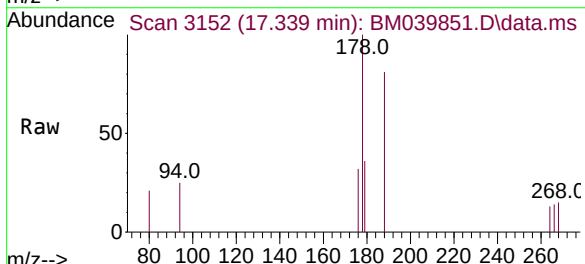
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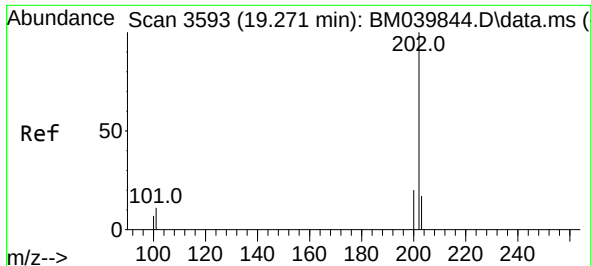
Tgt Ion:178 Resp: 4515
Ion Ratio Lower Upper
178 100
179 19.9 13.0 19.6#
176 22.4 15.8 23.8



#16
Anthracene
Concen: 2.985 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. -0.017 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45

Tgt Ion:178 Resp: 925
Ion Ratio Lower Upper
178 100
179 35.9 13.8 20.6#
176 31.6 15.8 23.8#

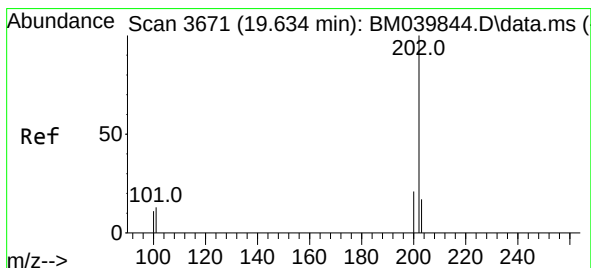
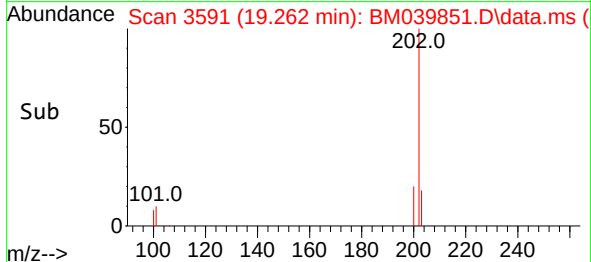
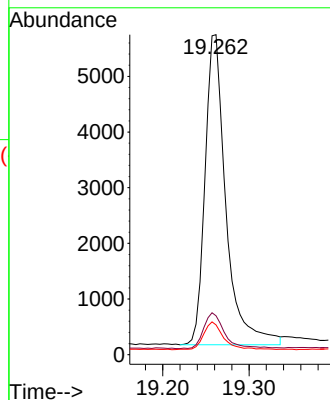
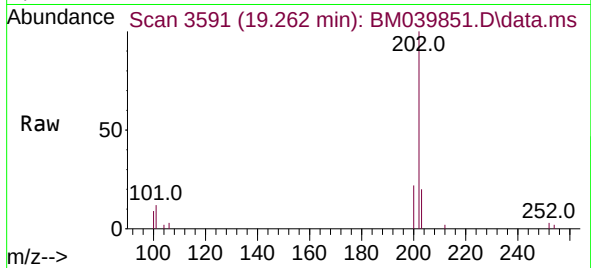




#19
Fluoranthene
Concen: 11.418 ng/ul
RT: 19.262 min Scan# 3591
Delta R.T. -0.009 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45

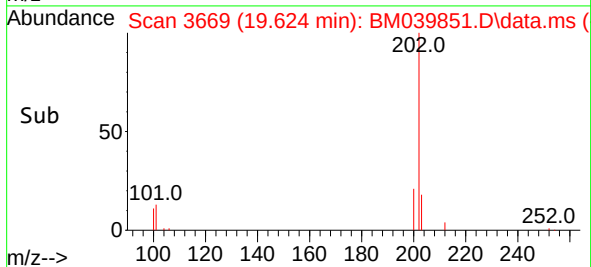
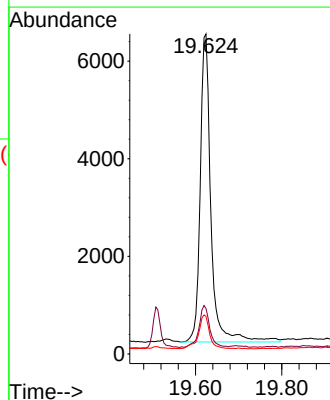
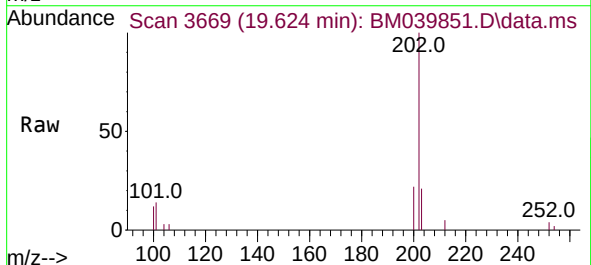
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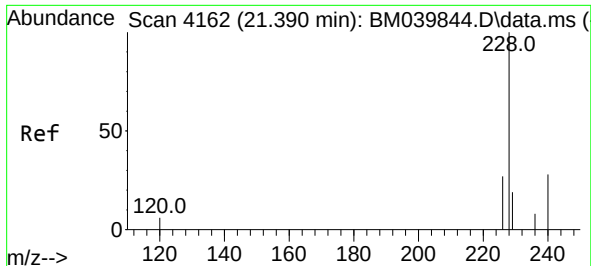
Tgt Ion:202 Resp: 9410
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.8
100 9.3 7.3 10.9



#20
Pyrene
Concen: 12.235 ng/ul
RT: 19.624 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45

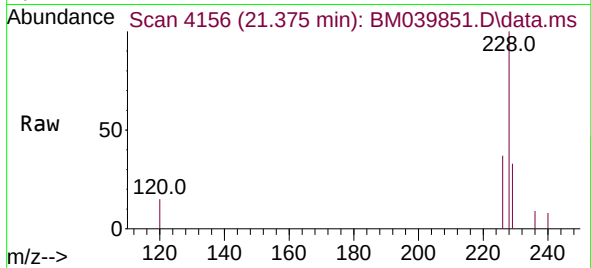
Tgt Ion:202 Resp: 10889
Ion Ratio Lower Upper
202 100
101 14.3 10.9 16.3
100 11.7 8.9 13.3



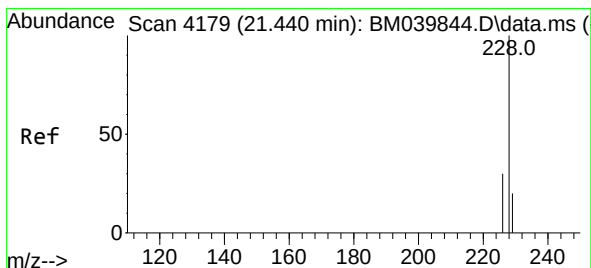
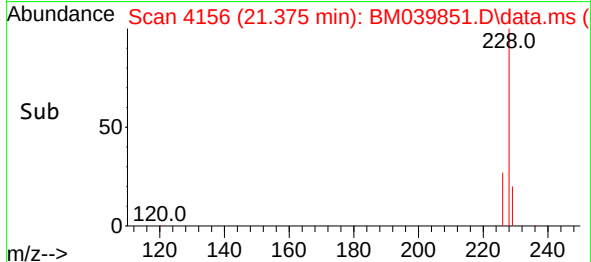
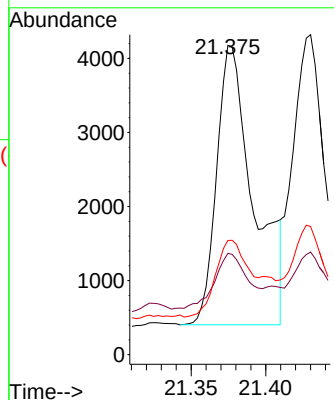


#21
Benzo(a)anthracene
Concen: 9.758 ng/ul
RT: 21.375 min Scan# 41156
Delta R.T. -0.016 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45

Instrument :
BNA_M
ClientSampleId :
EW973

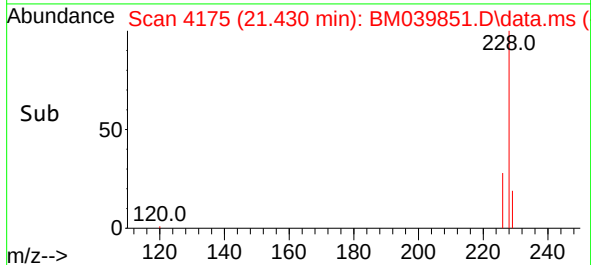
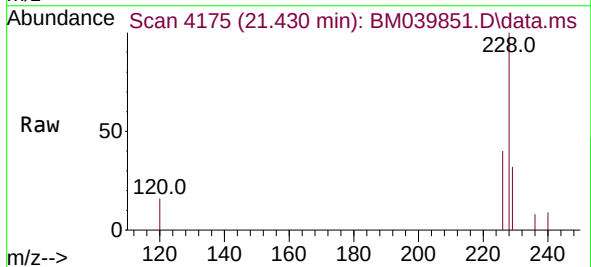
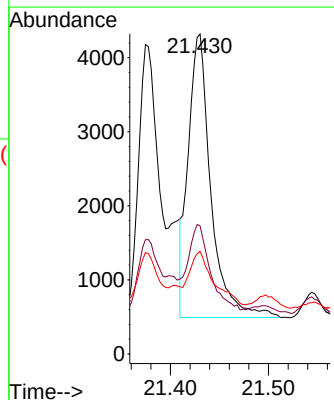


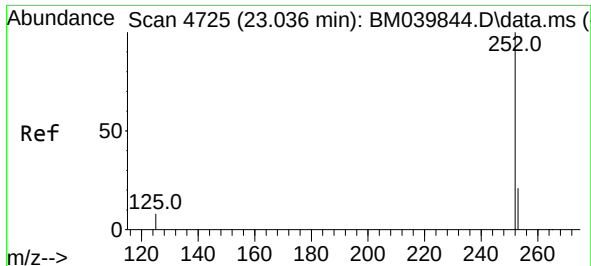
Tgt Ion:228 Resp: 6481
Ion Ratio Lower Upper
228 100
229 32.8 16.2 24.2#
226 36.9 21.6 32.4#



#22
Chrysene
Concen: 8.189 ng/ul
RT: 21.430 min Scan# 4175
Delta R.T. -0.010 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45

Tgt Ion:228 Resp: 6155
Ion Ratio Lower Upper
228 100
226 40.0 24.3 36.5#
229 32.1 15.9 23.9#

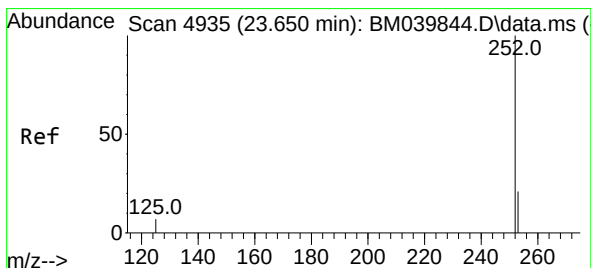
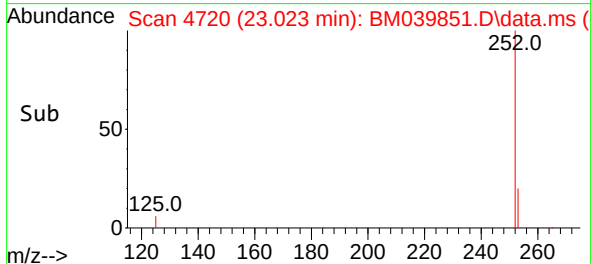
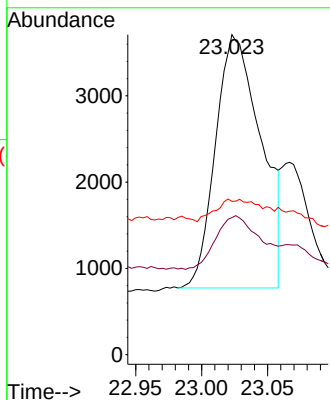
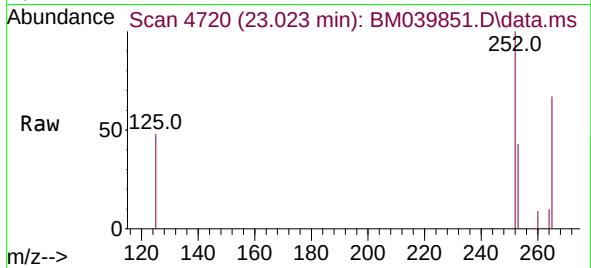




#24
Benzo(b)fluoranthene
Concen: 14.530 ng/ul
RT: 23.023 min Scan# 41
Delta R.T. -0.013 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45

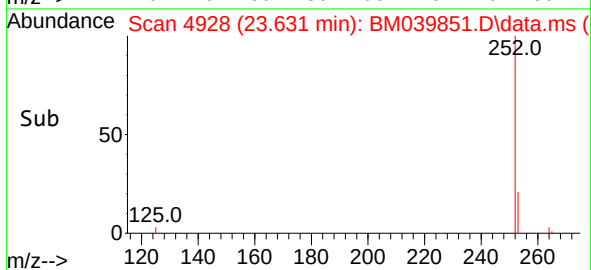
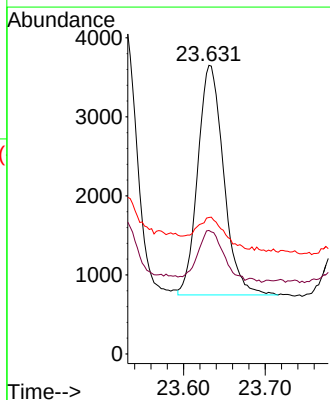
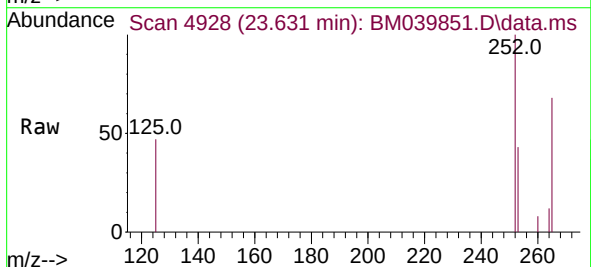
Instrument :
BNA_M
ClientSampleId :
EW973

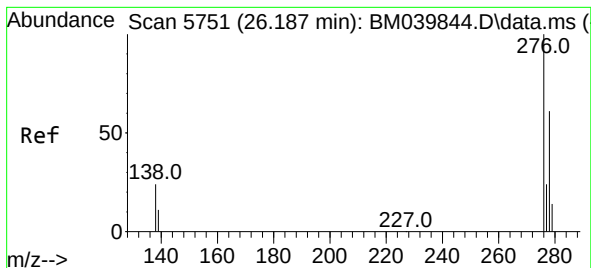
Tgt Ion:252 Resp: 7042
Ion Ratio Lower Upper
252 100
253 42.8 0.0 52.8
125 47.9 0.0 31.6#



#26
Benzo(a)pyrene
Concen: 14.713 ng/ul
RT: 23.631 min Scan# 4928
Delta R.T. -0.019 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45

Tgt Ion:252 Resp: 6402
Ion Ratio Lower Upper
252 100
253 42.8 24.7 37.1#
125 47.3 16.5 24.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 6.392 ng/ul

RT: 26.162 min Scan# 5

Delta R.T. -0.025 min

Lab File: BM039851.D

Acq: 05 May 2023 18:45

Instrument :

BNA_M

ClientSampleId :

EW973

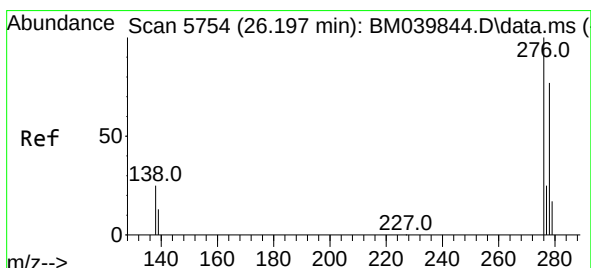
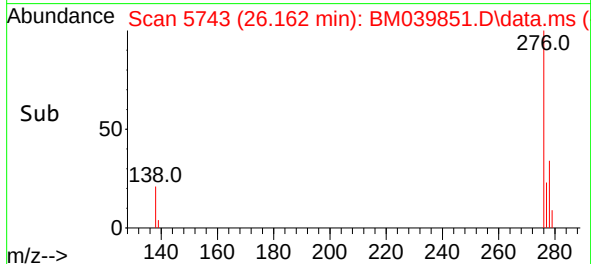
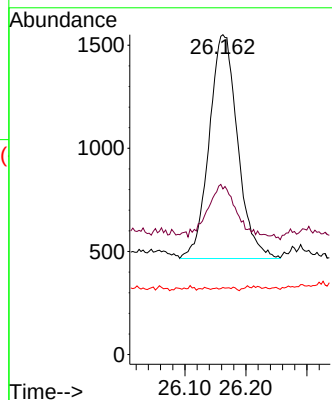
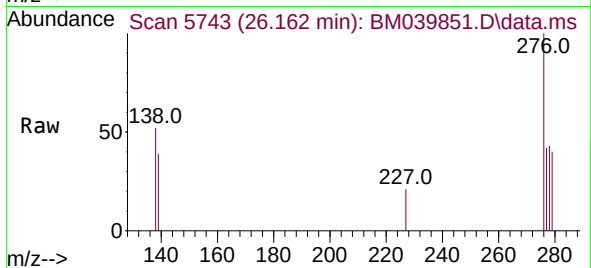
Tgt Ion:276 Resp: 3517

Ion Ratio Lower Upper

276 100

138 26.4 21.1 31.7

227 0.1 0.1 0.1



#28

Dibenzo(a,h)anthracene

Concen: 3.468 ng/ul

RT: 26.169 min Scan# 5745

Delta R.T. -0.029 min

Lab File: BM039851.D

Acq: 05 May 2023 18:45

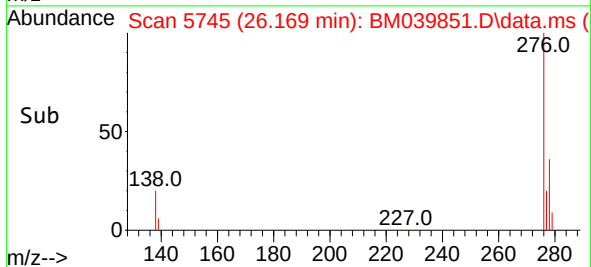
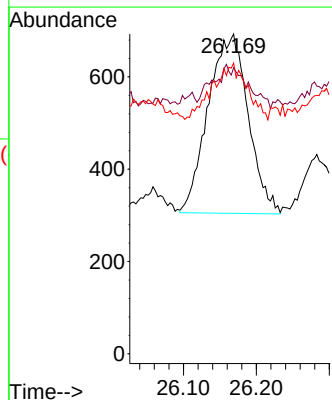
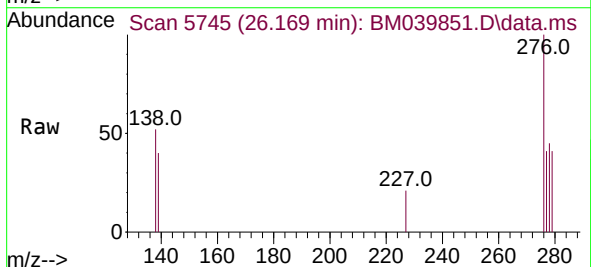
Tgt Ion:278 Resp: 1481

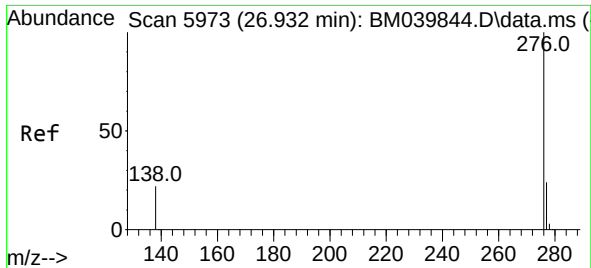
Ion Ratio Lower Upper

278 100

139 89.5 17.0 25.6#

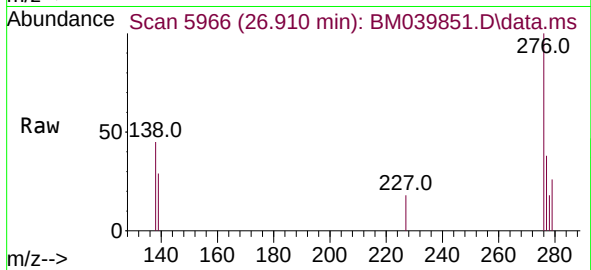
279 90.9 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 10.258 ng/ul
RT: 26.910 min Scan# 5966
Delta R.T. -0.022 min
Lab File: BM039851.D
Acq: 05 May 2023 18:45

Instrument :
BNA_M
ClientSampleId :
EW973



Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.5	20.1	30.1#
277	37.7	20.1	30.1#

