

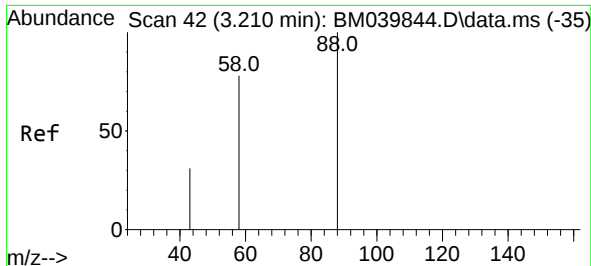
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039856.D
 Acq On : 05 May 2023 21:45
 Operator : CG/JU
 Sample : 02479-04DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW945DL

Quant Time: May 06 02:15:48 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 : Fri May 05 18:01:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	4	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.595	136	2	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.405	164	3	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	17.145	188	3	0.400	ng/ul	#-0.07
17) Chrysene-d12	21.323	240	3	0.400	ng/ul	#-0.08
23) Perylene-d12	23.682	264	3	0.400	ng/ul	#-0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	3	0.509	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	7	2.729	ng/ul	-0.06
18) Fluoranthene-d10	19.183	212	2	0.248	ng/ul	-0.06
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	17	2.784	ng/ul#	57
5) Naphthalene	10.661	128	4	0.796	ng/ul#	1
7) 2-Methylnaphthalene	12.256	142	2	0.690	ng/ul#	1
8) 1-Methylnaphthalene	12.432	142	8	2.573	ng/ul#	30
10) Acenaphthylene	14.071	152	6	0.517	ng/ul#	1
11) Acenaphthene	14.446	153	6	0.658	ng/ul#	72
12) Fluorene	15.473	166	4	0.395	ng/ul#	45
14) Pentachlorophenol	16.871	266	2	3.059	ng/ul#	1
15) Phenanthrene	17.280	178	300	37.957	ng/ul#	1
16) Anthracene	17.280	178	406	59.824	ng/ul#	1
19) Fluoranthene	19.276	202	273	25.507	ng/ul#	57
20) Pyrene	19.638	202	740	64.025	ng/ul#	68
21) Benzo(a)anthracene	21.312	228	3	0.348	ng/ul#	1
22) Chrysene	21.402	228	396	40.569	ng/ul#	23
24) Benzo(b)fluoranthene	22.978	252	11	1.044	ng/ul#	1
25) Benzo(k)fluoranthene	23.036	252	653	60.870	ng/ul#	1
26) Benzo(a)pyrene	23.609	252	9	0.951	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.114	276	8	0.669	ng/ul#	1
28) Dibenzo(a,h)anthracene	26.141	278	8	0.862	ng/ul#	1
29) Benzo(g,h,i)perylene	26.818	276	8	0.768	ng/ul#	1

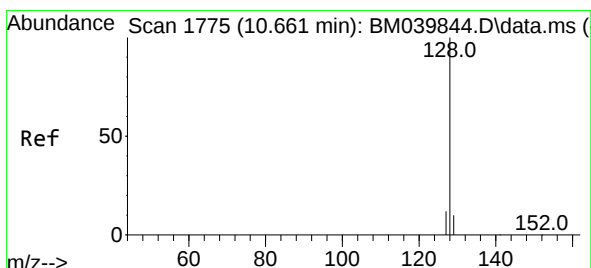
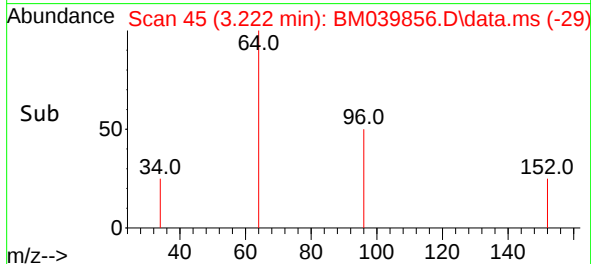
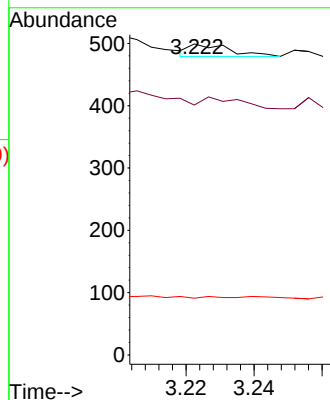
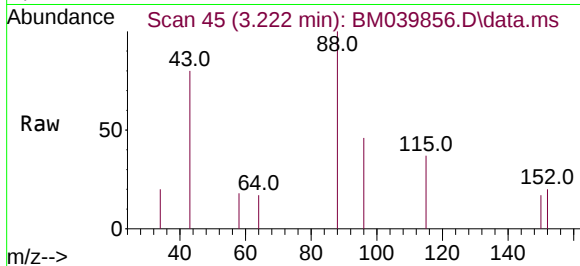
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 2.784 ng/ul
RT: 3.222 min Scan# 41
Delta R.T. 0.009 min
Lab File: BM039856.D
Acq: 05 May 2023 21:45

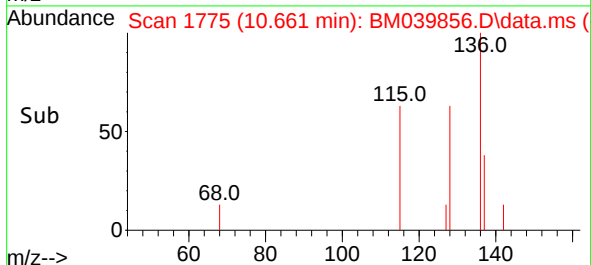
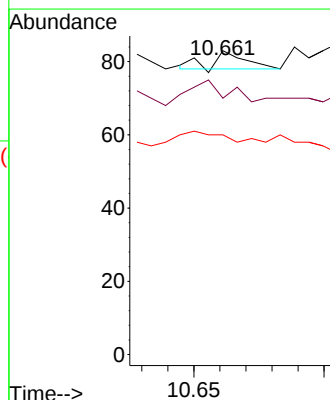
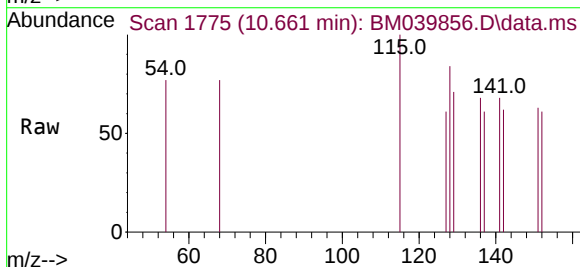
Instrument :
BNA_M
ClientSampleId :
EW945DL

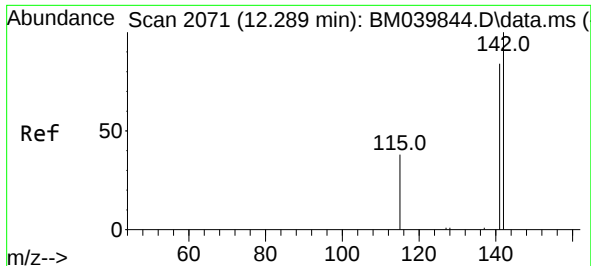
Tgt Ion: 88 Resp: 17
Ion Ratio Lower Upper
88 100
43 80.4 102.6 153.8#
58 18.2 40.6 61.0#



#5
Naphthalene
Concen: 0.796 ng/ul
RT: 10.661 min Scan# 1775
Delta R.T. -0.016 min
Lab File: BM039856.D
Acq: 05 May 2023 21:45

Tgt Ion: 128 Resp: 4
Ion Ratio Lower Upper
128 100
129 84.3 9.8 14.6#
127 72.3 11.1 16.7#

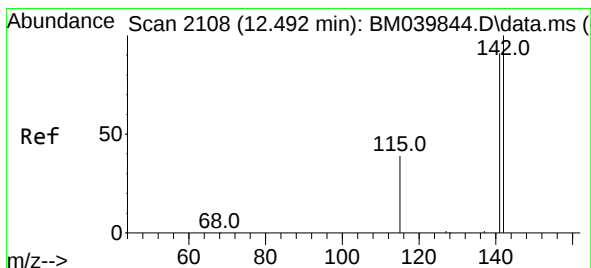
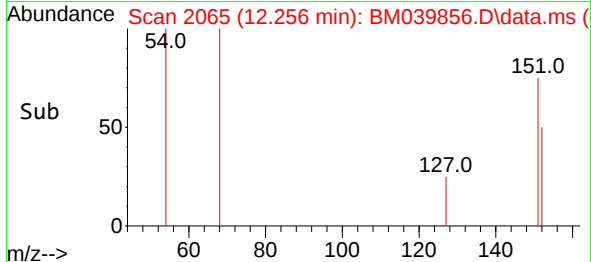
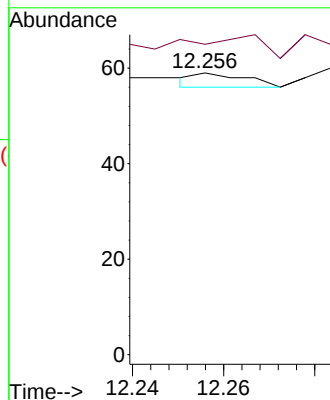
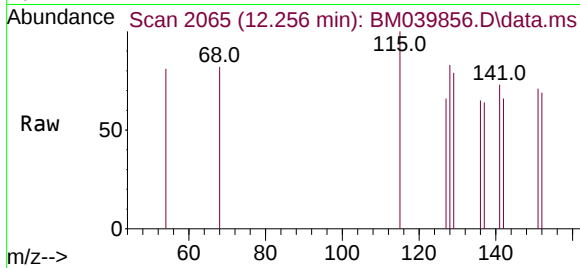




#7
2-Methylnaphthalene
Concen: 0.690 ng/ul
RT: 12.256 min Scan# 2065
Delta R.T. -0.049 min
Lab File: BM039856.D
Acq: 05 May 2023 21:45

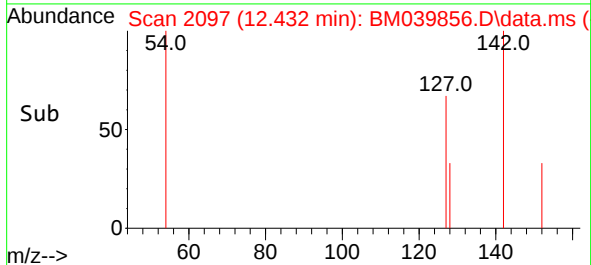
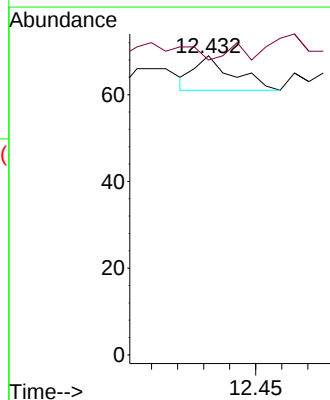
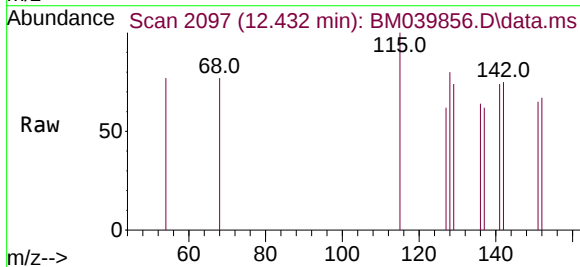
Instrument :
BNA_M
ClientSampleId :
EW945DL

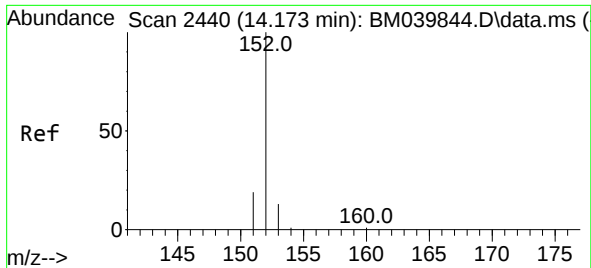
Tgt Ion:142 Resp: 2
Ion Ratio Lower Upper
142 100
141 250.0 73.2 109.8#



#8
1-Methylnaphthalene
Concen: 2.573 ng/ul
RT: 12.432 min Scan# 2097
Delta R.T. -0.071 min
Lab File: BM039856.D
Acq: 05 May 2023 21:45

Tgt Ion:142 Resp: 8
Ion Ratio Lower Upper
142 100
141 25.0 73.4 110.2#

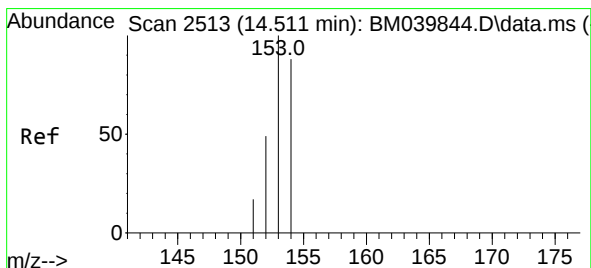
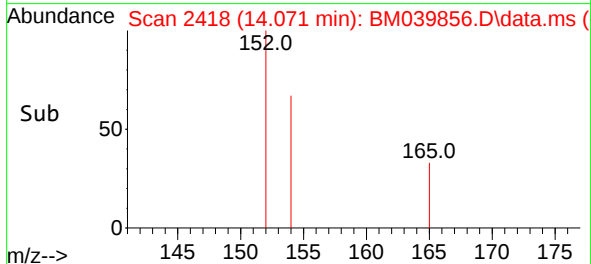
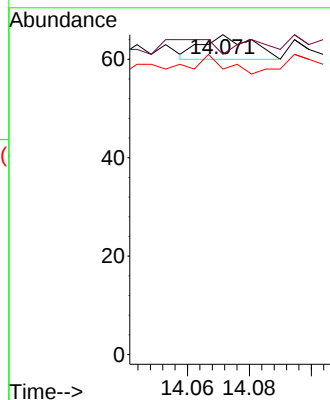
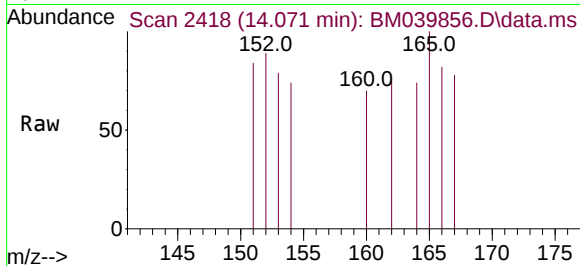




#10
Acenaphthylene
Concen: 0.517 ng/ul
RT: 14.071 min Scan# 2418
Delta R.T. -0.106 min
Lab File: BM039856.D
Acq: 05 May 2023 21:45

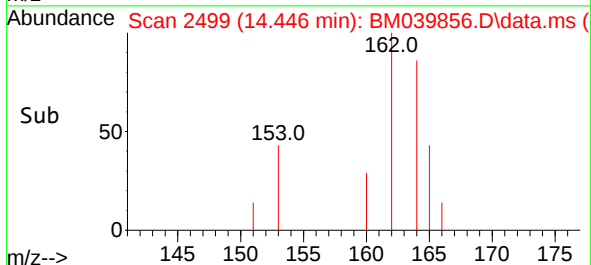
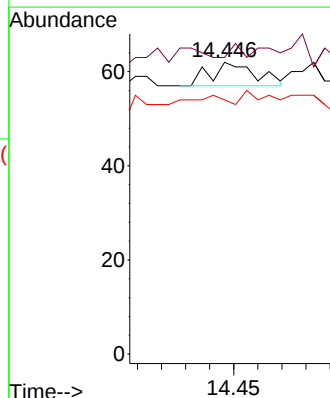
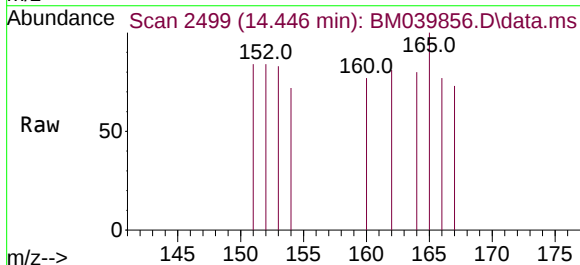
Instrument :
BNA_M
ClientSampleId :
EW945DL

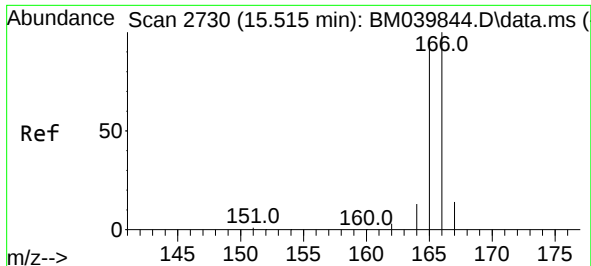
Tgt Ion:152 Resp: 6
Ion Ratio Lower Upper
152 100
151 93.8 16.0 24.0#
153 89.2 11.2 16.8#



#11
Acenaphthene
Concen: 0.658 ng/ul
RT: 14.446 min Scan# 2499
Delta R.T. -0.065 min
Lab File: BM039856.D
Acq: 05 May 2023 21:45

Tgt Ion:153 Resp: 6
Ion Ratio Lower Upper
153 100
152 101.6 40.6 61.0#
154 87.1 71.9 107.9

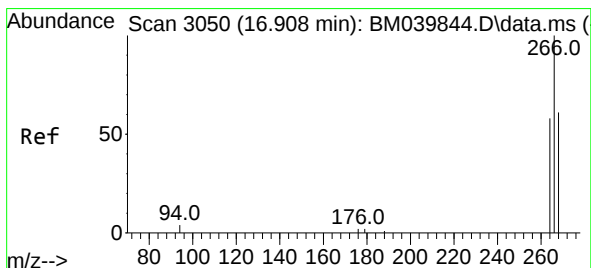
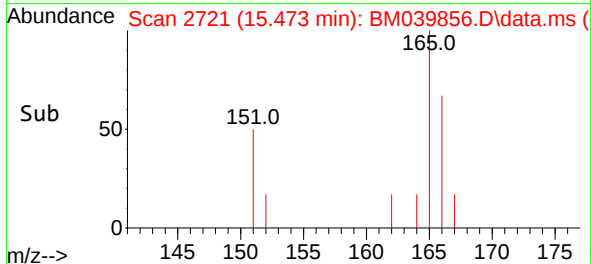
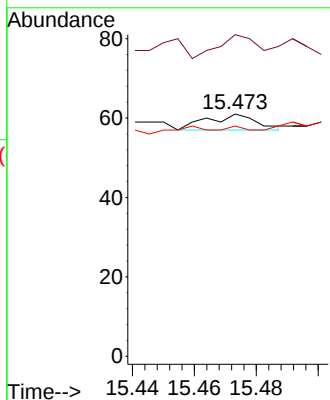
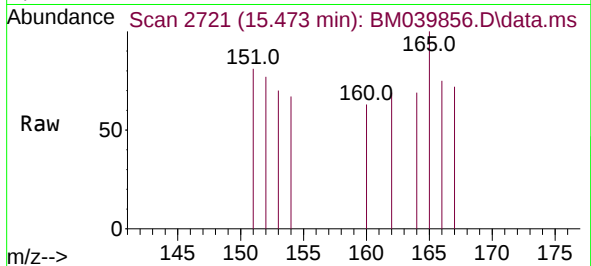




#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.473 min Scan# 21
Delta R.T. -0.051 min
Lab File: BM039856.D
Acq: 05 May 2023 21:45

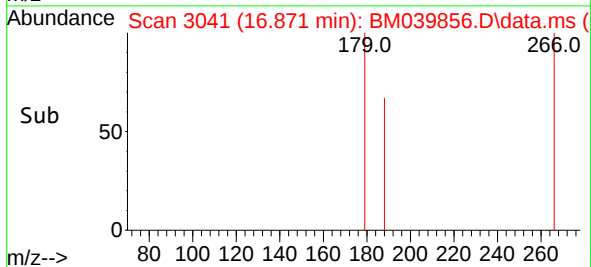
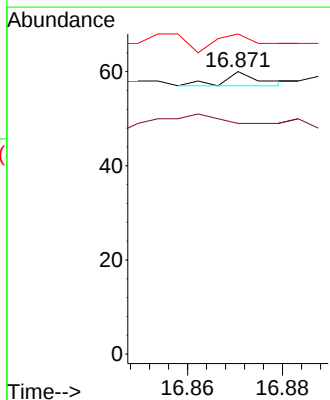
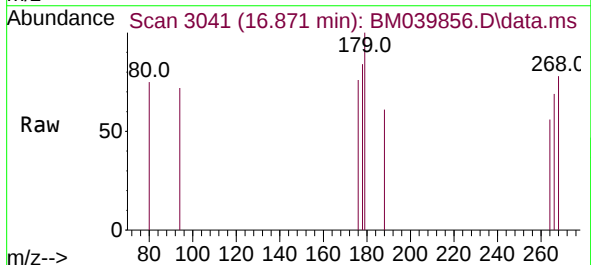
Instrument :
BNA_M
ClientSampleId :
EW945DL

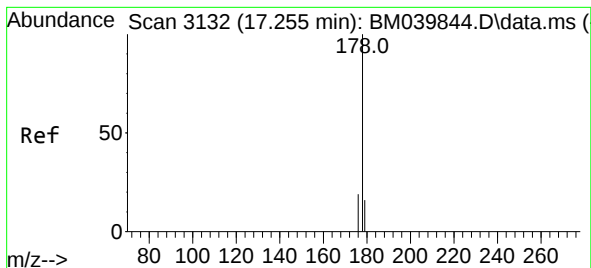
Tgt Ion:166 Resp: 4
Ion Ratio Lower Upper
166 100
165 132.8 79.0 118.6#
167 95.1 11.8 17.6#



#14
Pentachlorophenol
Concen: 3.059 ng/ul
RT: 16.871 min Scan# 3041
Delta R.T. -0.063 min
Lab File: BM039856.D
Acq: 05 May 2023 21:45

Tgt Ion:266 Resp: 2
Ion Ratio Lower Upper
266 100
264 100.0 48.8 73.2#
268 200.0 50.4 75.6#





#15

Phenanthrene

Concen: 37.957 ng/ul

RT: 17.280 min Scan# 3132

Delta R.T. 0.021 min

Lab File: BM039856.D

Acq: 05 May 2023 21:45

Instrument :

BNA_M

ClientSampleId :

EW945DL

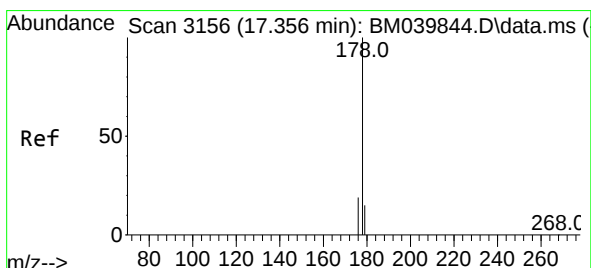
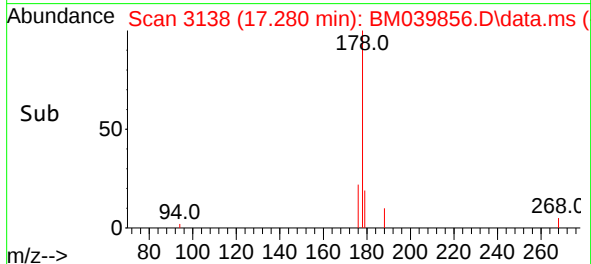
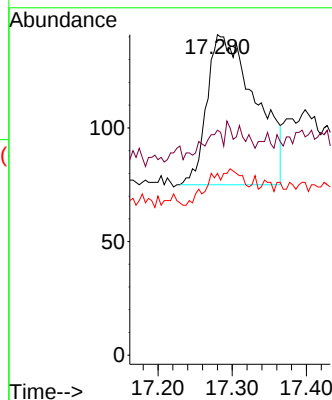
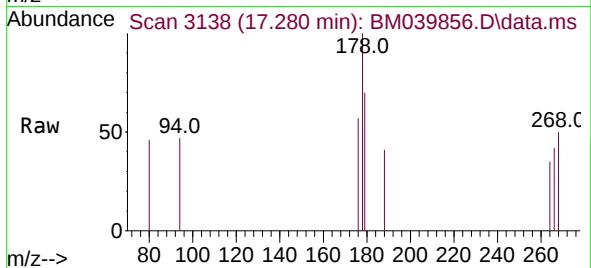
Tgt Ion:178 Resp: 300

Ion Ratio Lower Upper

178 100

179 70.2 13.0 19.6#

176 56.7 15.8 23.8#



#16

Anthracene

Concen: 59.824 ng/ul

RT: 17.280 min Scan# 3138

Delta R.T. -0.084 min

Lab File: BM039856.D

Acq: 05 May 2023 21:45

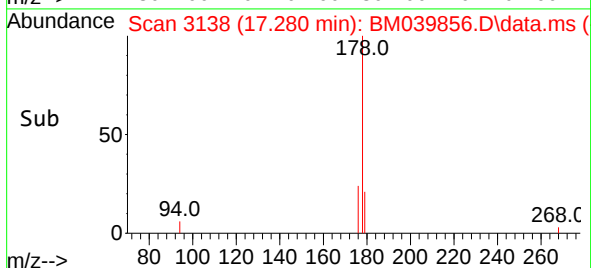
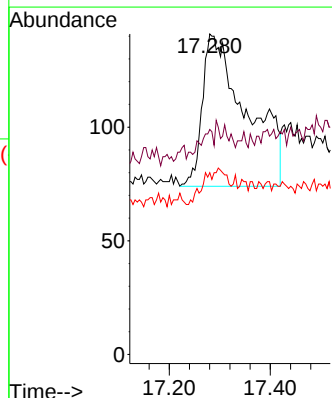
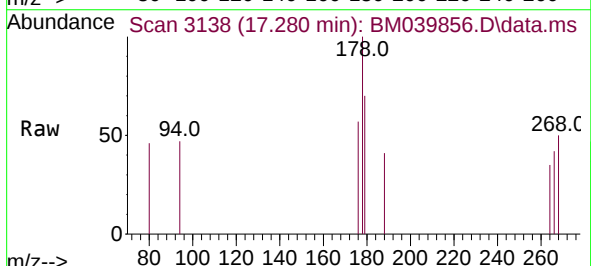
Tgt Ion:178 Resp: 406

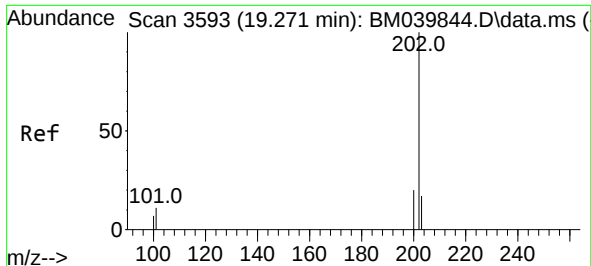
Ion Ratio Lower Upper

178 100

179 70.2 13.8 20.6#

176 56.7 15.8 23.8#





#19

Fluoranthene

Concen: 25.507 ng/ul

RT: 19.276 min Scan# 3593

Delta R.T. 0.000 min

Lab File: BM039856.D

Acq: 05 May 2023 21:45

Instrument :

BNA_M

ClientSampleId :

EW945DL

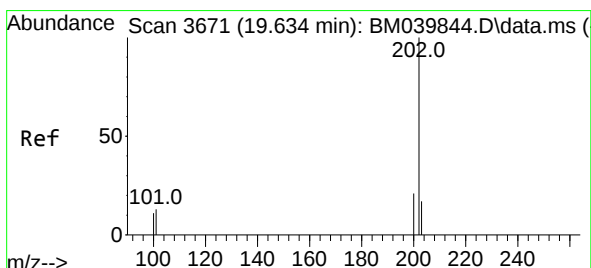
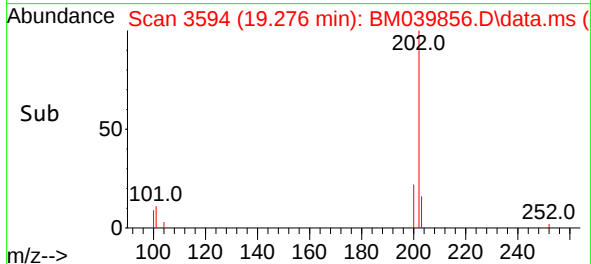
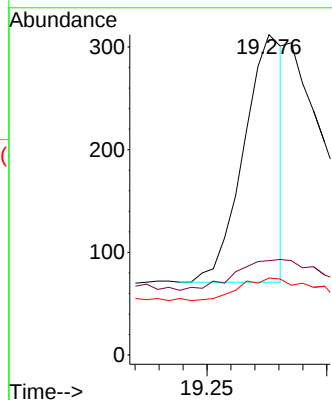
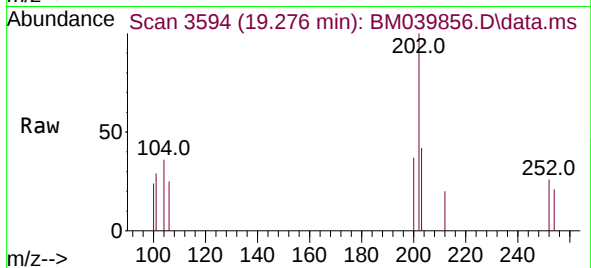
Tgt Ion:202 Resp: 273

Ion Ratio Lower Upper

202 100

101 29.5 9.8 14.8#

100 24.0 7.3 10.9#



#20

Pyrene

Concen: 64.025 ng/ul

RT: 19.638 min Scan# 3672

Delta R.T. 0.000 min

Lab File: BM039856.D

Acq: 05 May 2023 21:45

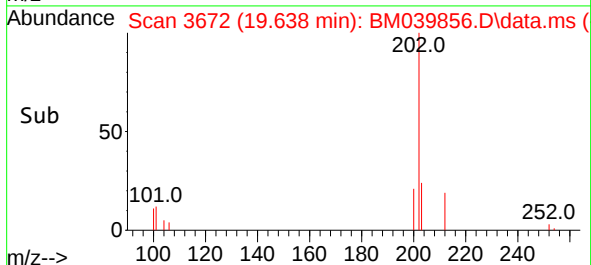
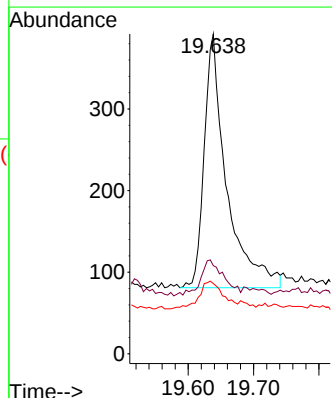
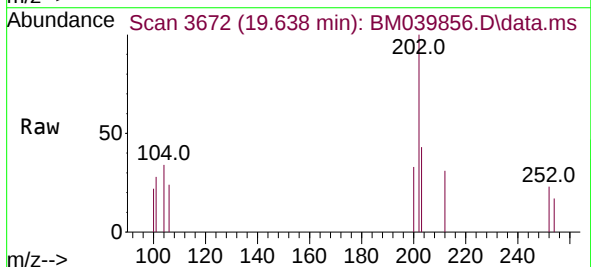
Tgt Ion:202 Resp: 740

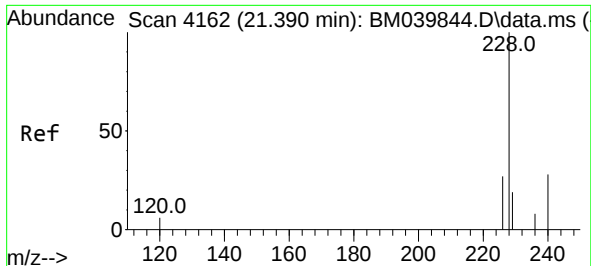
Ion Ratio Lower Upper

202 100

101 27.6 10.9 16.3#

100 21.9 8.9 13.3#

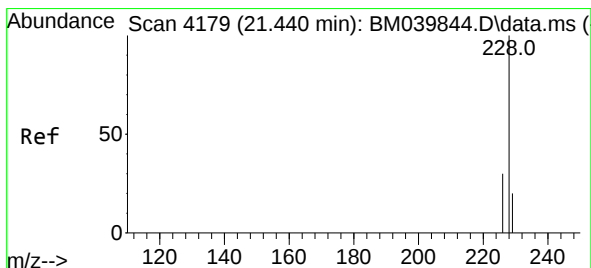
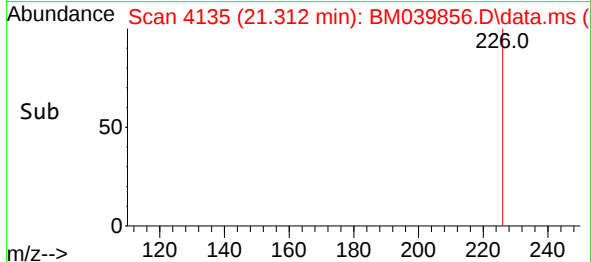
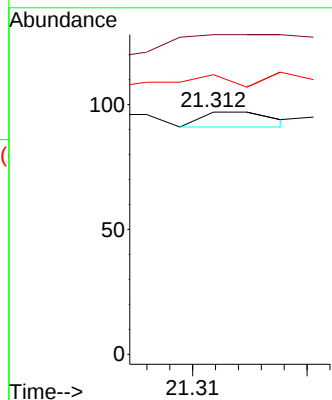
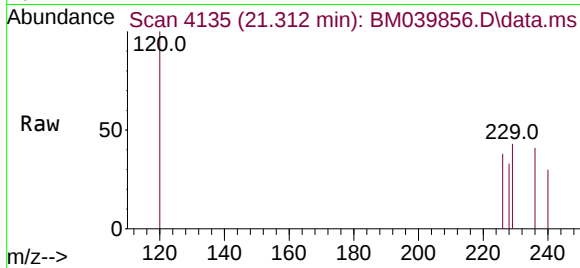




#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.312 min Scan# 4165
Delta R.T. -0.080 min
Lab File: BM039856.D
Acq: 05 May 2023 21:45

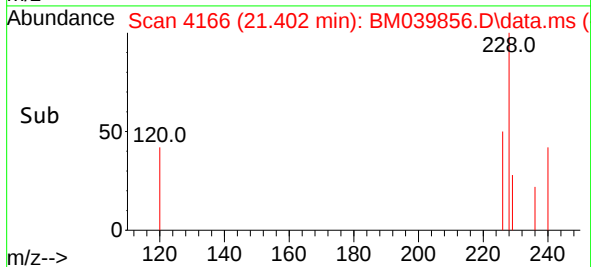
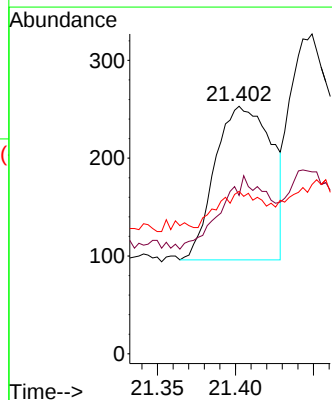
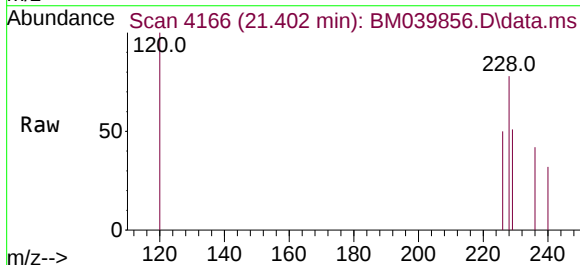
Instrument :
BNA_M
ClientSampleId :
EW945DL

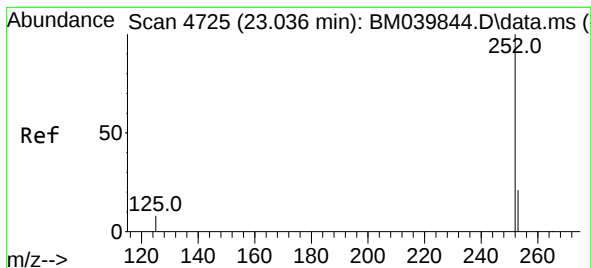
Tgt Ion:228 Resp: 3
Ion Ratio Lower Upper
228 100
229 132.0 16.2 24.2#
226 115.5 21.6 32.4#



#22
Chrysene
Concen: 40.569 ng/ul
RT: 21.402 min Scan# 4166
Delta R.T. -0.039 min
Lab File: BM039856.D
Acq: 05 May 2023 21:45

Tgt Ion:228 Resp: 396
Ion Ratio Lower Upper
228 100
226 64.0 24.3 36.5#
229 65.6 15.9 23.9#





#24

Benzo(b)fluoranthene

Concen: 1.044 ng/ul

RT: 22.978 min Scan# 41

Delta R.T. -0.063 min

Lab File: BM039856.D

Acq: 05 May 2023 21:45

Instrument :

BNA_M

ClientSampleId :

EW945DL

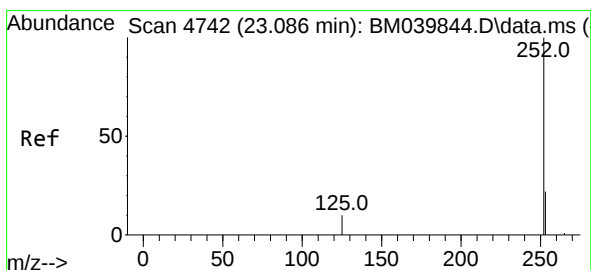
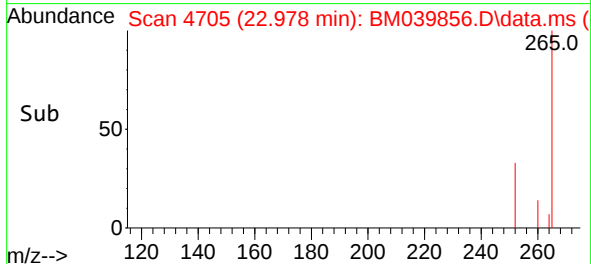
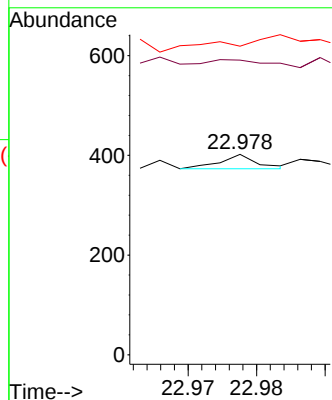
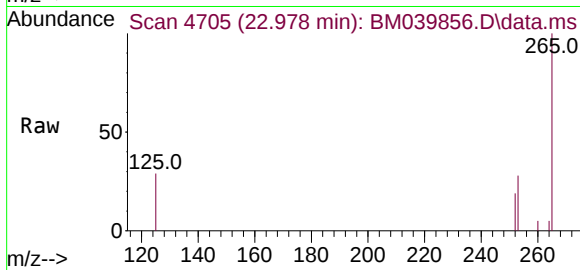
Tgt Ion:252 Resp: 11

Ion Ratio Lower Upper

252 100

253 147.0 0.0 52.8#

125 154.0 0.0 31.6#



#25

Benzo(k)fluoranthene

Concen: 60.870 ng/ul

RT: 23.036 min Scan# 4725

Delta R.T. -0.051 min

Lab File: BM039856.D

Acq: 05 May 2023 21:45

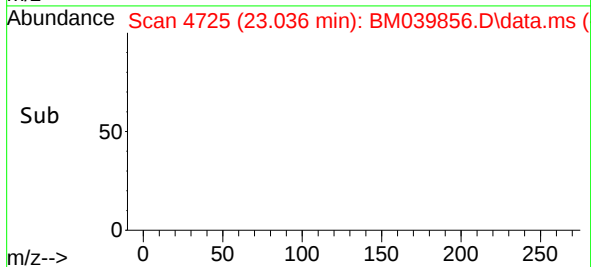
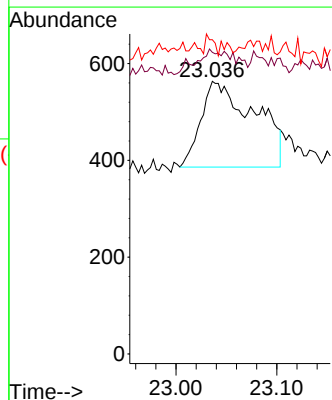
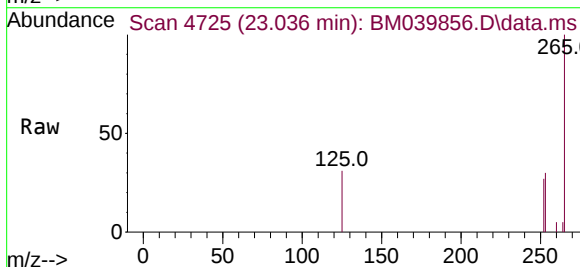
Tgt Ion:252 Resp: 653

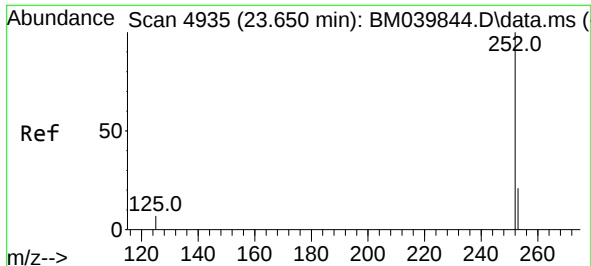
Ion Ratio Lower Upper

252 100

253 110.7 21.3 31.9#

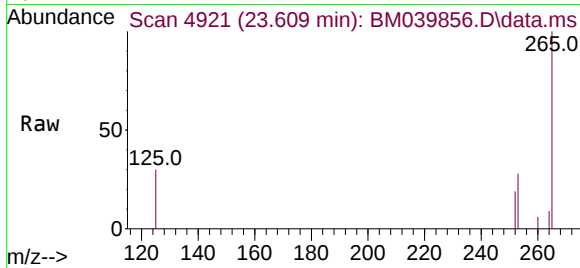
125 115.3 13.0 19.6#



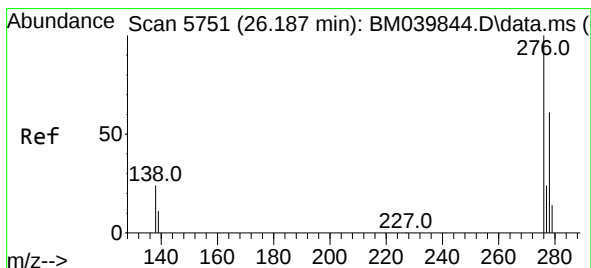
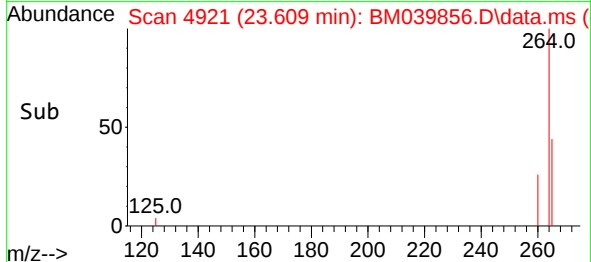
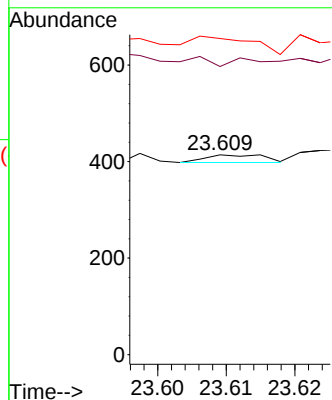


#26
Benzo(a)pyrene
Concen: 0.951 ng/ul
RT: 23.609 min Scan# 4935
Delta R.T. -0.048 min
Lab File: BM039856.D
Acq: 05 May 2023 21:45

Instrument :
BNA_M
ClientSampleId :
EW945DL

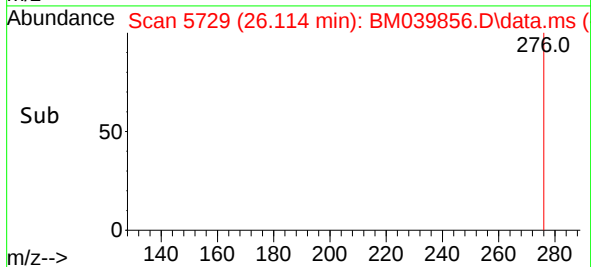
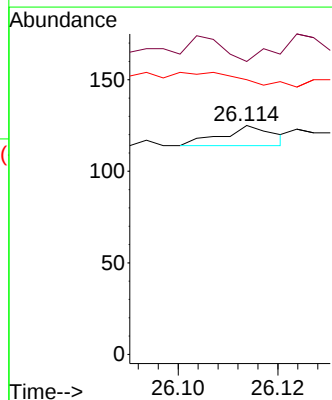
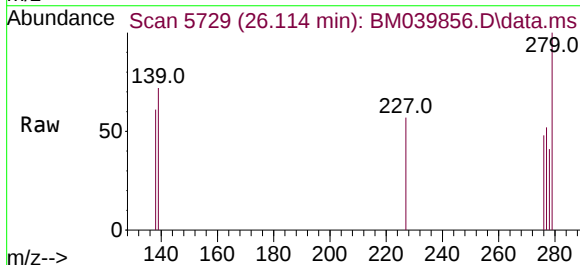


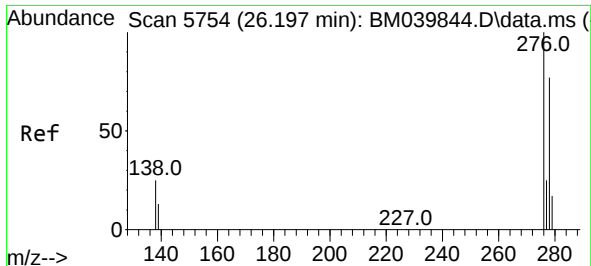
Tgt Ion:252 Resp: 9
Ion Ratio Lower Upper
252 100
253 144.2 24.7 37.1#
125 158.2 16.5 24.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.669 ng/ul
RT: 26.114 min Scan# 5729
Delta R.T. -0.079 min
Lab File: BM039856.D
Acq: 05 May 2023 21:45

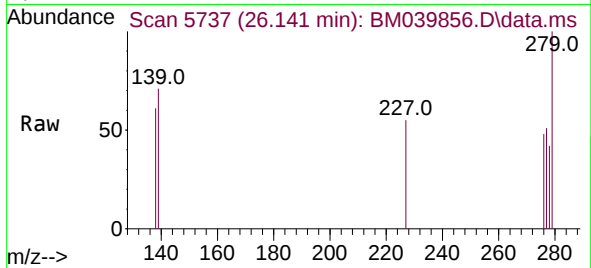
Tgt Ion:276 Resp: 8
Ion Ratio Lower Upper
276 100
138 137.5 21.1 31.7#
227 0.0 0.1 0.1#



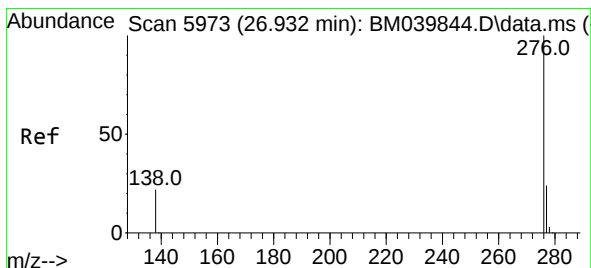
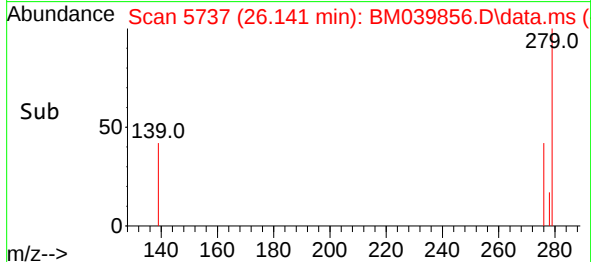
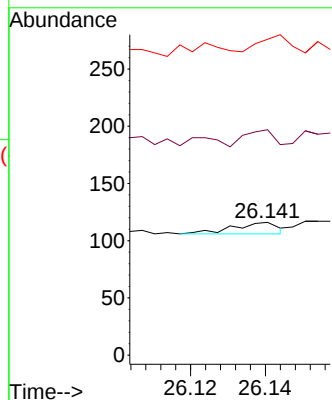


#28
Dibenzo(a,h)anthracene
Concen: 0.862 ng/ul
RT: 26.141 min Scan# 51
Delta R.T. -0.072 min
Lab File: BM039856.D
Acq: 05 May 2023 21:45

Instrument :
BNA_M
ClientSampleId :
EW945DL



Tgt Ion:278 Resp: 8
Ion Ratio Lower Upper
278 100
139 169.8 17.0 25.6#
279 237.9 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.768 ng/ul
RT: 26.818 min Scan# 5939
Delta R.T. -0.129 min
Lab File: BM039856.D
Acq: 05 May 2023 21:45

Tgt Ion:276 Resp: 8
Ion Ratio Lower Upper
276 100
138 140.2 20.1 30.1#
277 115.6 20.1 30.1#

