

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038239.D
 Acq On : 23 Dec 2022 19:08
 Operator : CG/JU
 Sample : N6014-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 23:24:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

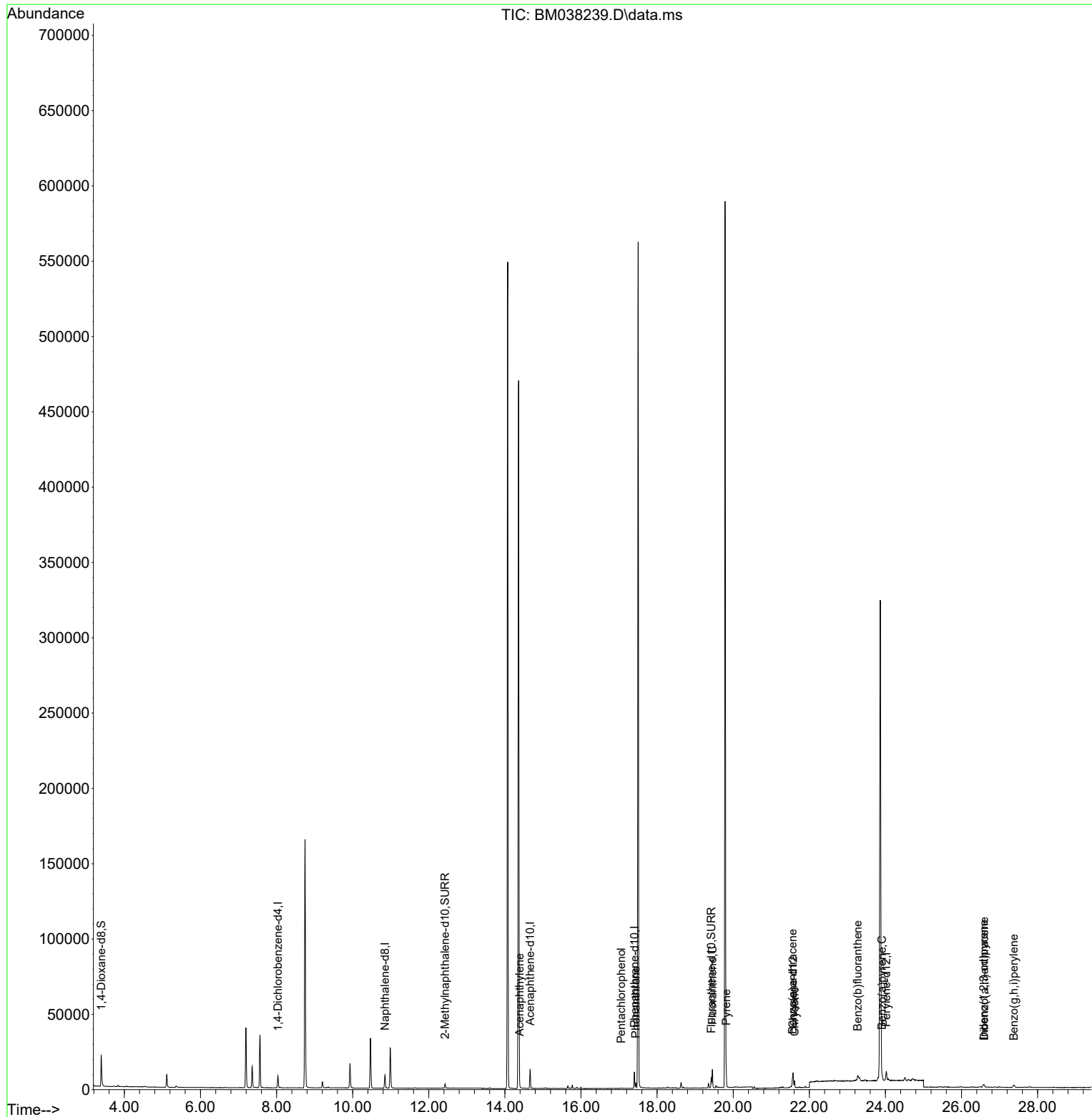
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	4004	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	11912	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	6540	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.404	188	12853	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	7789	0.400	ng/ul	# 0.00
23) Perylene-d12	24.020	264	8027	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	13404	3.291	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	3629	0.207	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	6325	0.216	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.388	152	1054	0.029	ng/ul#	75
14) Pentachlorophenol	17.058	266	165	0.026	ng/ul	92
15) Phenanthrene	17.442	178	3765	0.088	ng/ul	94
19) Fluoranthene	19.454	202	10338	0.242	ng/ul#	95
20) Pyrene	19.817	202	9398	0.218	ng/ul	100
21) Benzo(a)anthracene	21.556	228	4233	0.124	ng/ul#	88
22) Chrysene	21.609	228	4500	0.135	ng/ul#	90
24) Benzo(b)fluoranthene	23.272	252	6317	0.178	ng/ul#	63
26) Benzo(a)pyrene	23.909	252	4243	0.137	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	26.585	276	3471	0.081	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.595	278	936	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.373	276	3404	0.094	ng/ul#	81

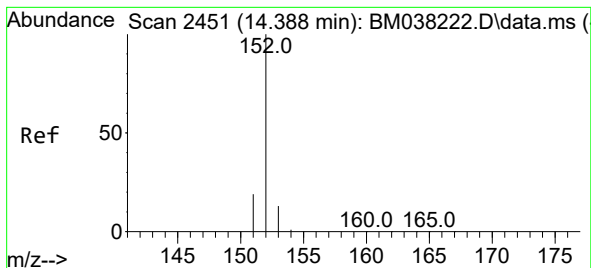
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

Acenaphthylene

Concen: 0.029 ng/ul

RT: 14.388 min Scan# 2451

Delta R.T. 0.000 min

Lab File: BM038239.D

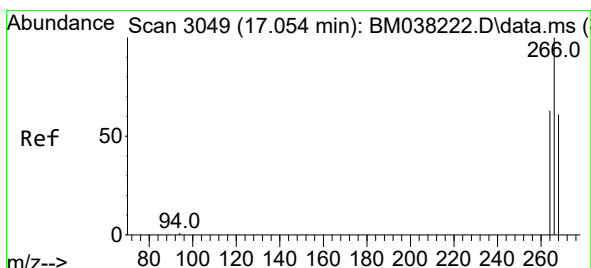
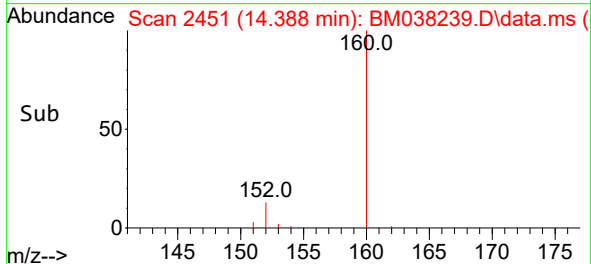
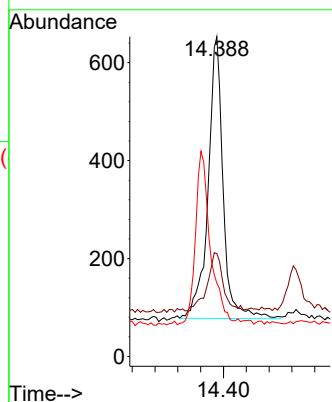
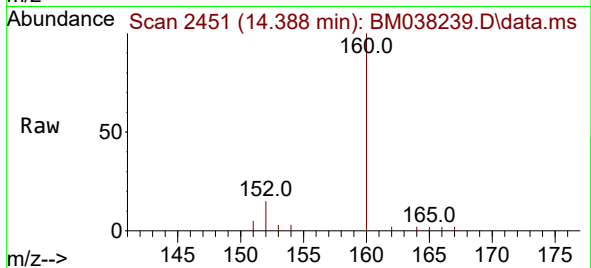
Acq: 23 Dec 2022 19:08

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:152	Resp:	1054
Ion Ratio	Lower	Upper
152	100	
151	32.2	16.2 24.2#
153	23.0	10.7 16.1#



#14

Pentachlorophenol

Concen: 0.026 ng/ul

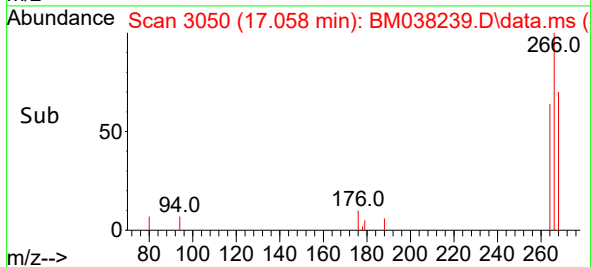
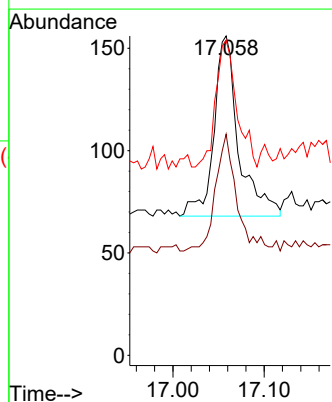
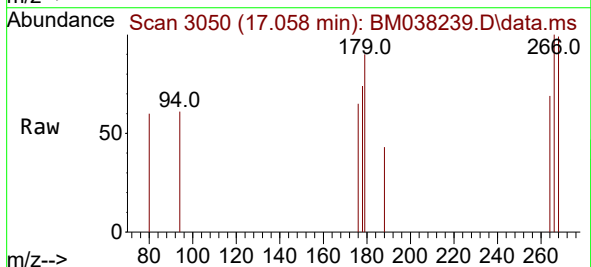
RT: 17.058 min Scan# 3050

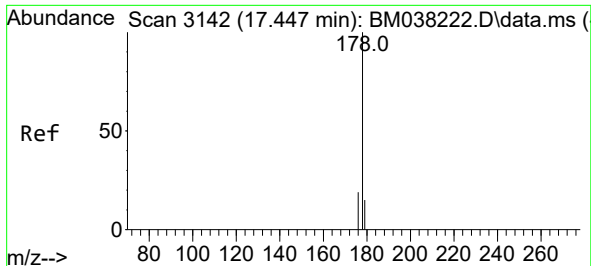
Delta R.T. 0.000 min

Lab File: BM038239.D

Acq: 23 Dec 2022 19:08

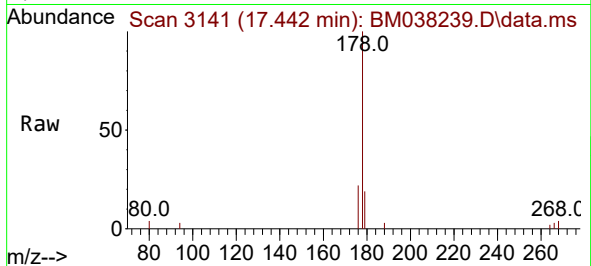
Tgt Ion:266	Resp:	165
Ion Ratio	Lower	Upper
266	100	
264	55.2	49.9 74.9
268	59.4	51.2 76.8



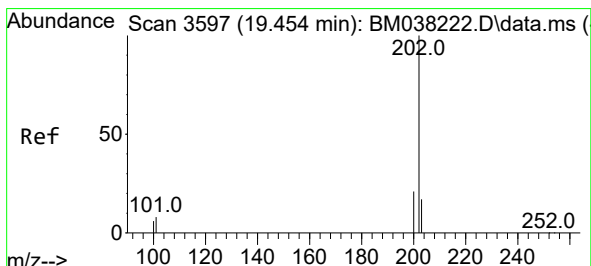
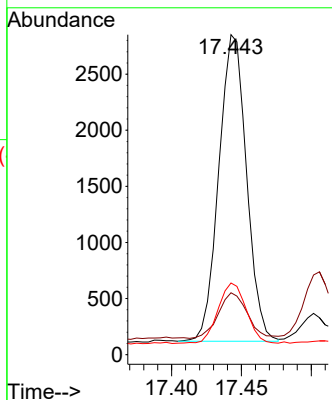
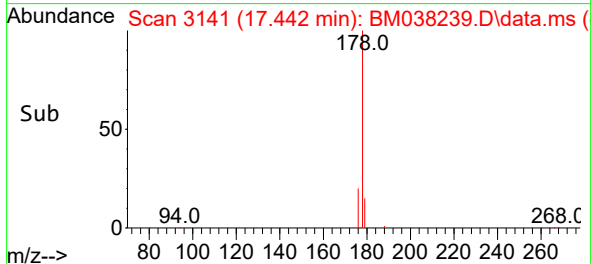


#15
Phenanthrene
Concen: 0.088 ng/ul
RT: 17.442 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08

Instrument :
BNA_M
ClientSampleId :

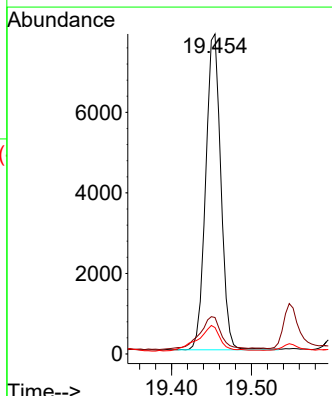
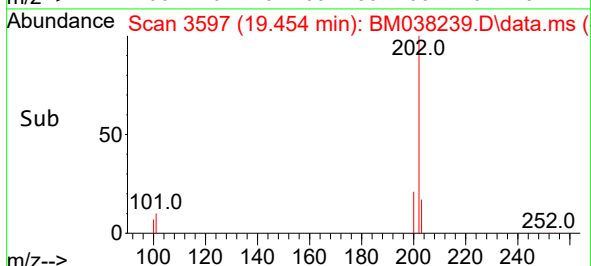
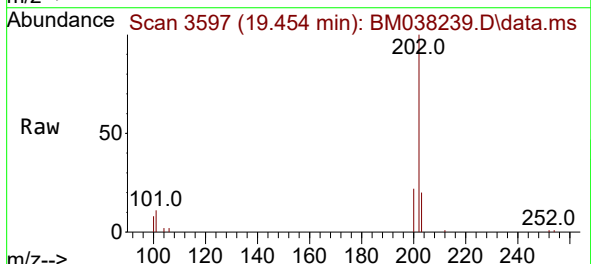


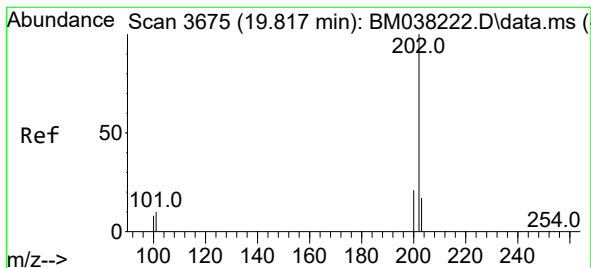
Tgt Ion:178 Resp: 3765
Ion Ratio Lower Upper
178 100
179 19.3 13.0 19.4
176 22.4 16.2 24.4



#19
Fluoranthene
Concen: 0.242 ng/ul
RT: 19.454 min Scan# 3597
Delta R.T. -0.000 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08

Tgt Ion:202 Resp: 10338
Ion Ratio Lower Upper
202 100
101 11.4 7.5 11.3#
100 8.3 5.6 8.4





#20

Pyrene

Concen: 0.218 ng/ul

RT: 19.817 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038239.D

Acq: 23 Dec 2022 19:08

Instrument :

BNA_M

ClientSampleId :

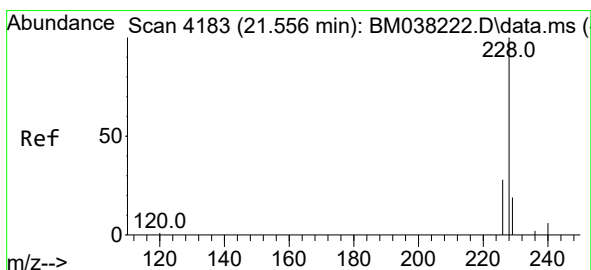
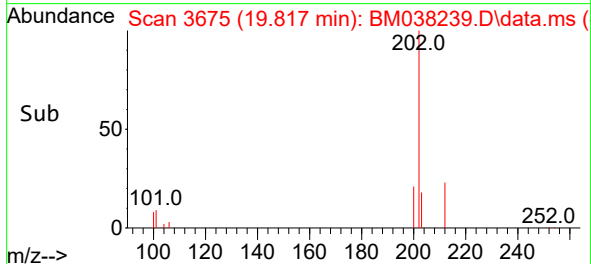
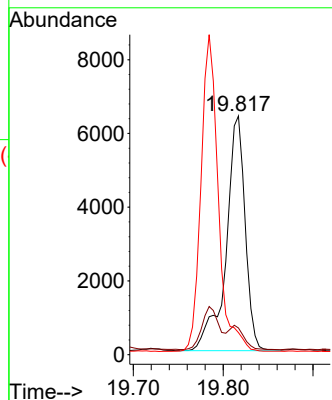
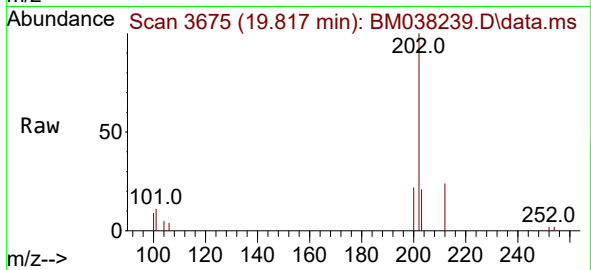
Tgt Ion:202 Resp: 9398

Ion Ratio Lower Upper

202 100

101 11.2 8.9 13.3

100 9.3 7.4 11.0



#21

Benzo(a)anthracene

Concen: 0.124 ng/ul

RT: 21.556 min Scan# 4183

Delta R.T. -0.003 min

Lab File: BM038239.D

Acq: 23 Dec 2022 19:08

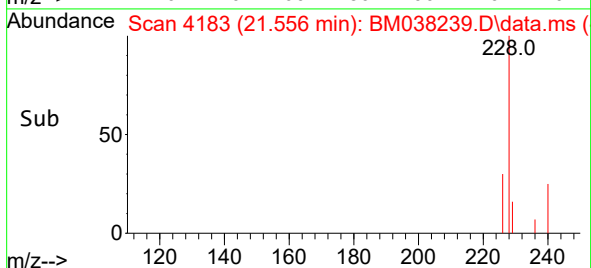
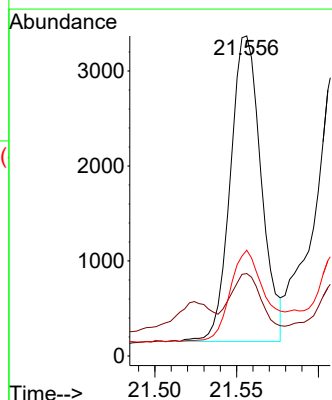
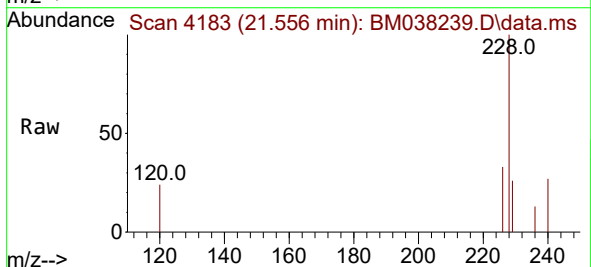
Tgt Ion:228 Resp: 4233

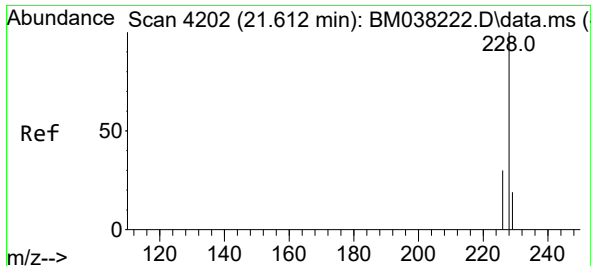
Ion Ratio Lower Upper

228 100

229 25.7 15.5 23.3#

226 33.0 22.2 33.2





#22

Chrysene

Concen: 0.135 ng/ul

RT: 21.609 min Scan# 41

Delta R.T. -0.003 min

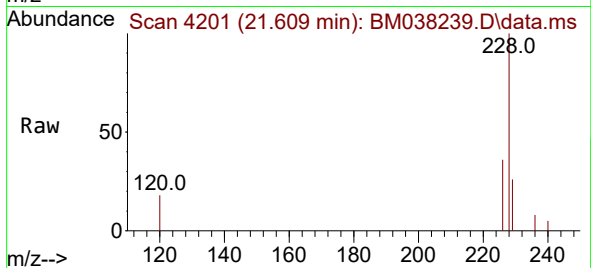
Lab File: BM038239.D

Acq: 23 Dec 2022 19:08

Instrument :

BNA_M

ClientSampleId :



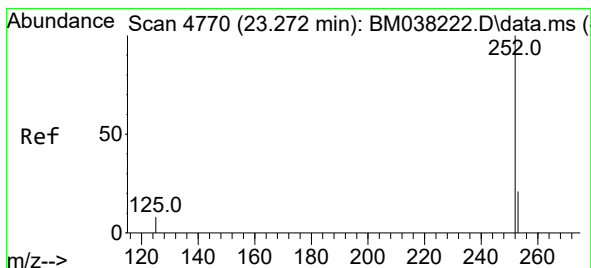
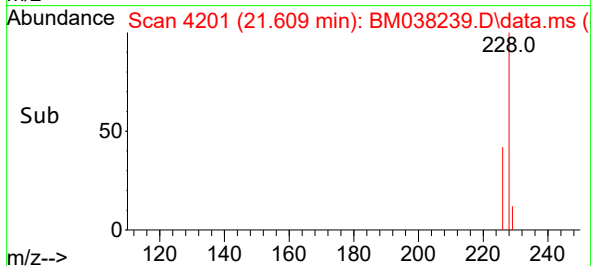
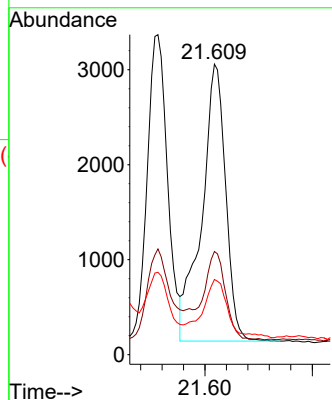
Tgt Ion:228 Resp: 4500

Ion Ratio Lower Upper

228 100

226 35.5 25.0 37.4

229 25.9 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 0.178 ng/ul

RT: 23.272 min Scan# 4770

Delta R.T. 0.000 min

Lab File: BM038239.D

Acq: 23 Dec 2022 19:08

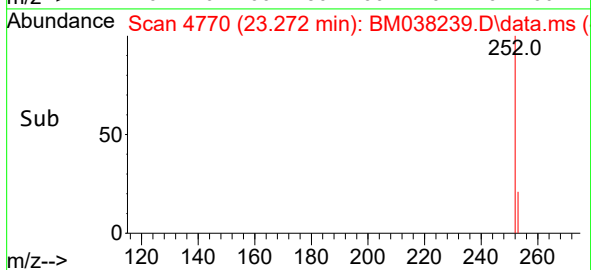
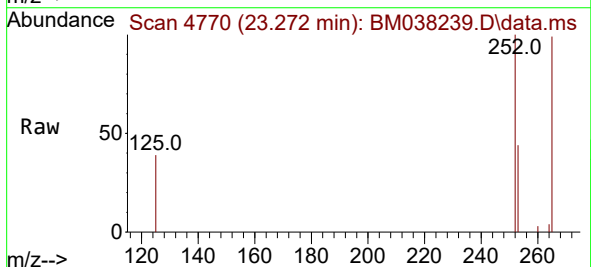
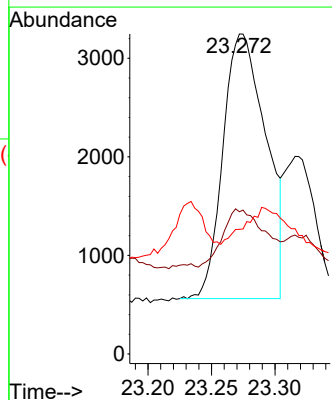
Tgt Ion:252 Resp: 6317

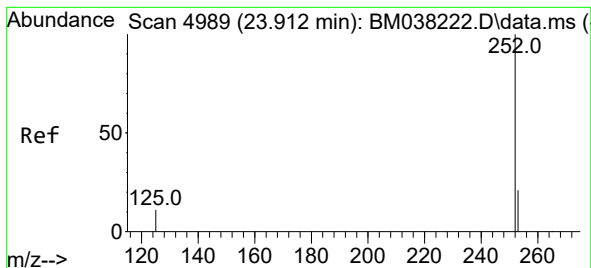
Ion Ratio Lower Upper

252 100

253 44.4 0.0 56.0

125 39.0 0.0 36.6#





#26

Benzo(a)pyrene

Concen: 0.137 ng/ul

RT: 23.909 min Scan# 4988

Delta R.T. -0.003 min

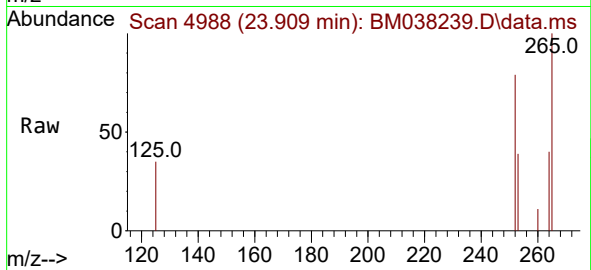
Lab File: BM038239.D

Acq: 23 Dec 2022 19:08

Instrument :

BNA_M

ClientSampleId :



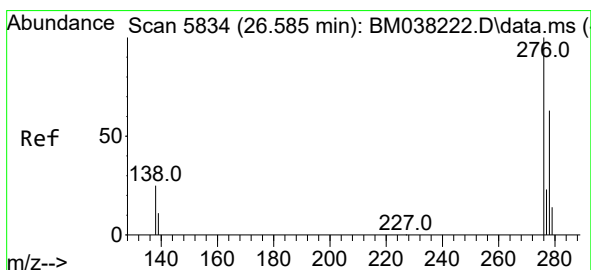
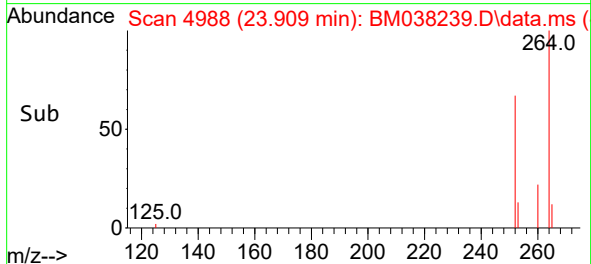
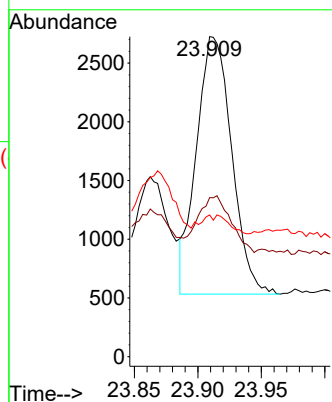
Tgt Ion:252 Resp: 4243

Ion Ratio Lower Upper

252 100

253 49.7 24.2 36.4#

125 44.3 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.081 ng/ul

RT: 26.585 min Scan# 5834

Delta R.T. 0.003 min

Lab File: BM038239.D

Acq: 23 Dec 2022 19:08

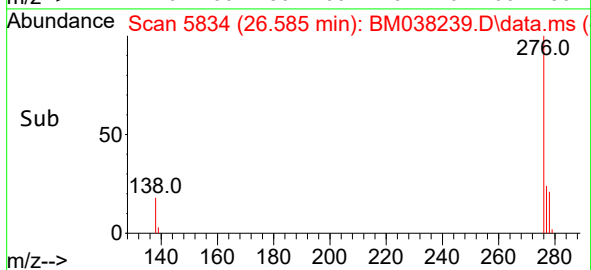
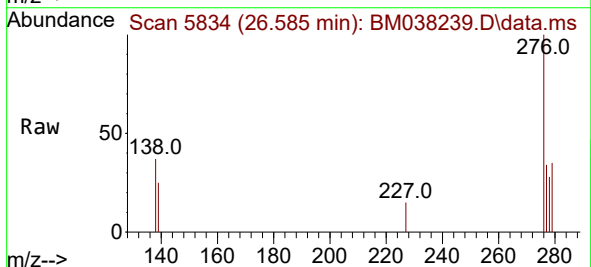
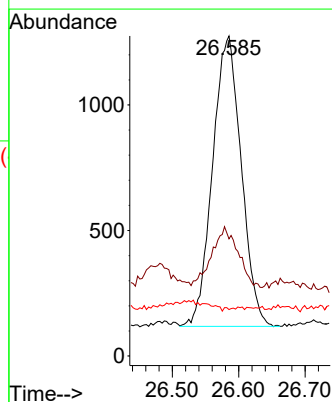
Tgt Ion:276 Resp: 3471

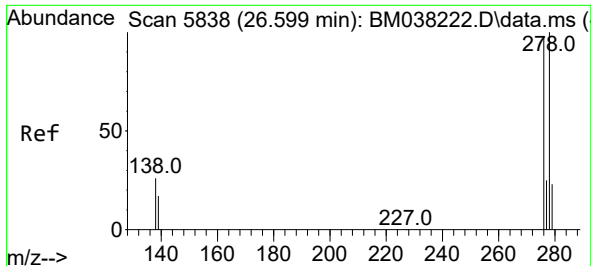
Ion Ratio Lower Upper

276 100

138 21.5 21.7 32.5#

227 0.3 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.028 ng/ul

RT: 26.595 min Scan# 5

Delta R.T. 0.000 min

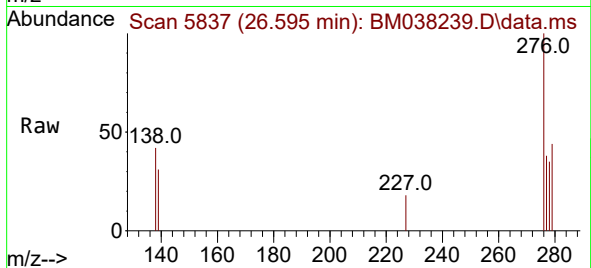
Lab File: BM038239.D

Acq: 23 Dec 2022 19:08

Instrument :

BNA_M

ClientSampleId :



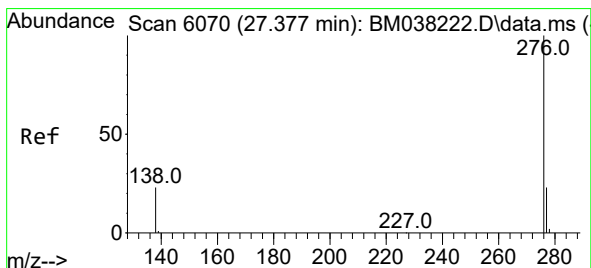
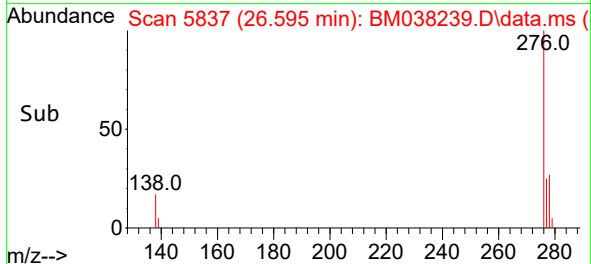
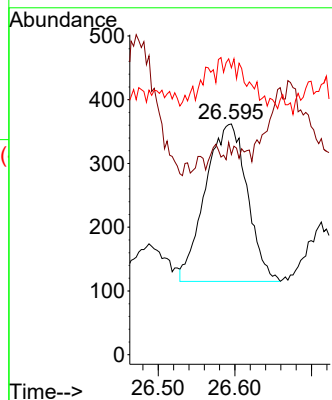
Tgt Ion:278 Resp: 936

Ion Ratio Lower Upper

278 100

139 86.7 16.8 25.2#

279 124.3 23.4 35.2#



#29

Benzo(g,h,i)perylene

Concen: 0.094 ng/ul

RT: 27.373 min Scan# 6069

Delta R.T. 0.003 min

Lab File: BM038239.D

Acq: 23 Dec 2022 19:08

Tgt Ion:276 Resp: 3404

Ion Ratio Lower Upper

276 100

138 37.3 20.8 31.2#

277 33.9 20.5 30.7#

