

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038241.D
 Acq On : 23 Dec 2022 20:21
 Operator : CG/JU
 Sample : N6014-05
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 23:24:39 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)

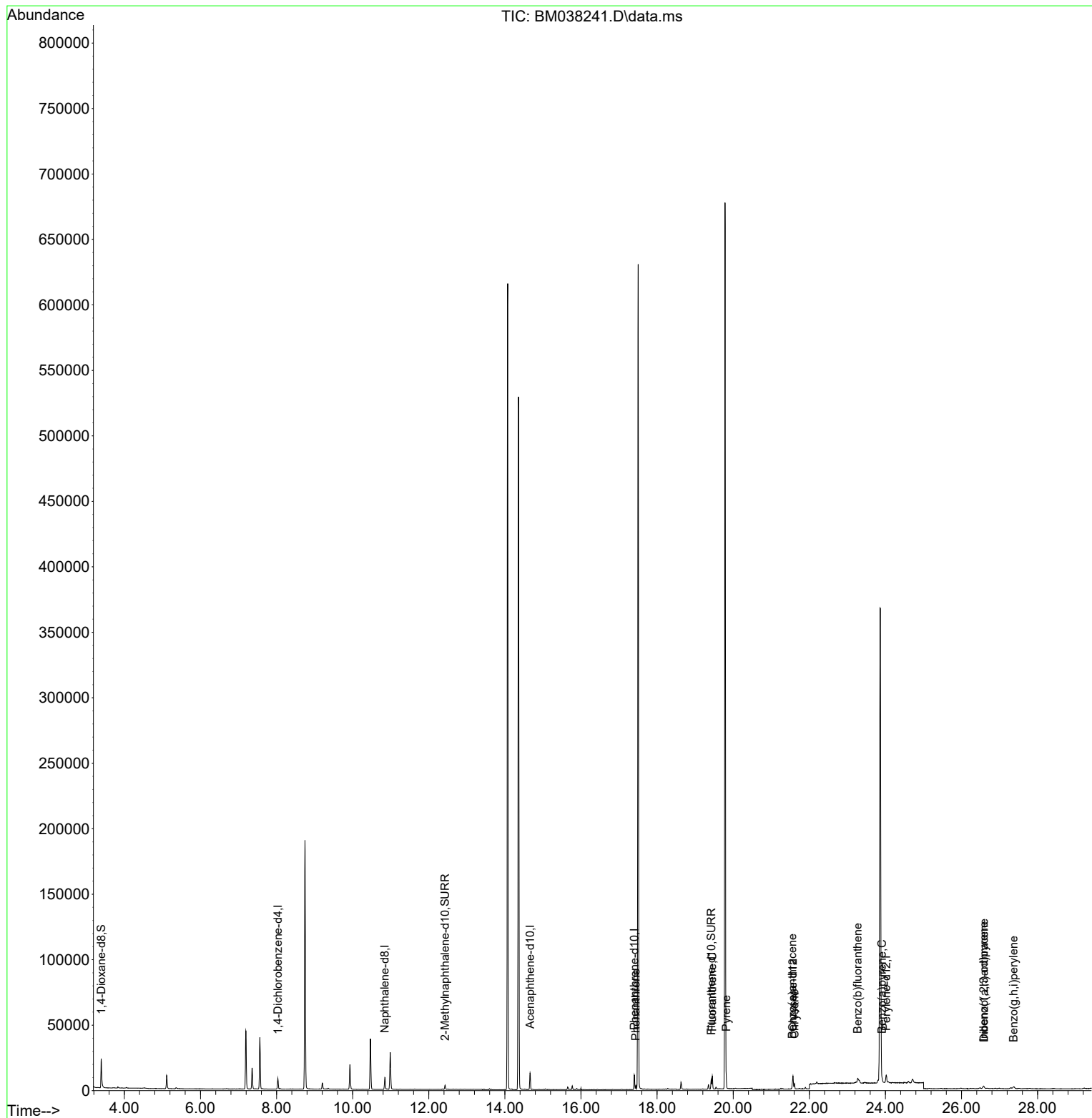
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	4026	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12075	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.661	164	6701	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	13115	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	8147	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	8348	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	14625	3.571	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	4177	0.235	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	7376	0.241	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.442	178	3183	0.073	ng/ul#	91
19) Fluoranthene	19.450	202	8029	0.180	ng/ul#	91
20) Pyrene	19.817	202	8330	0.185	ng/ul	98
21) Benzo(a)anthracene	21.553	228	3302	0.092	ng/ul#	88
22) Chrysene	21.609	228	4224	0.121	ng/ul#	91
24) Benzo(b)fluoranthene	23.272	252	6155	0.167	ng/ul#	59
26) Benzo(a)pyrene	23.912	252	3858	0.120	ng/ul#	58
27) Indeno(1,2,3-cd)pyrene	26.582	276	3343	0.075	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.592	278	875	0.025	ng/ul#	1
29) Benzo(g,h,i)perylene	27.370	276	3451	0.092	ng/ul#	75

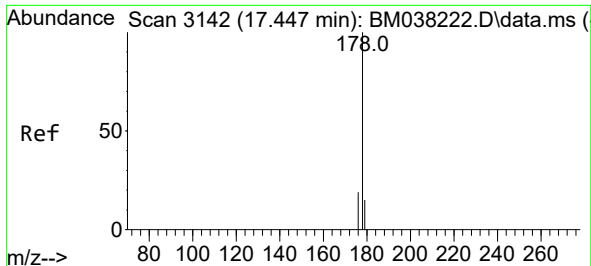
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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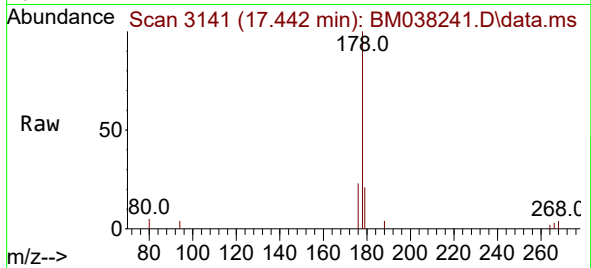
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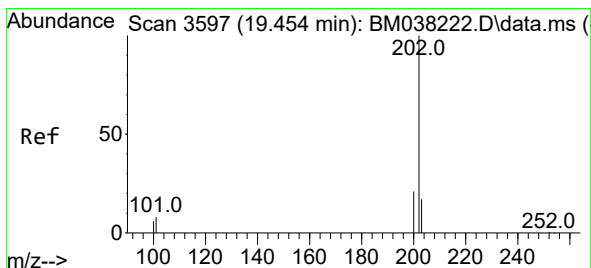
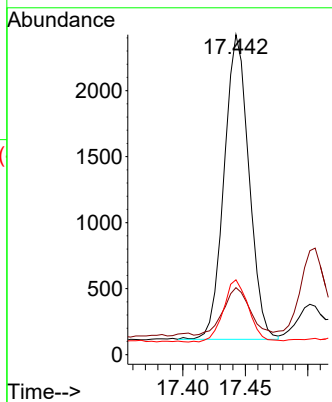
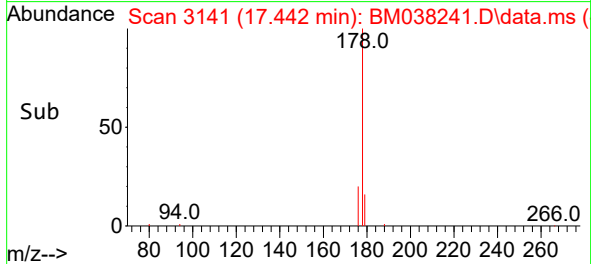


#15
Phenanthrene
Concen: 0.073 ng/ul
RT: 17.442 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21

Instrument :
BNA_M
ClientSampleId :

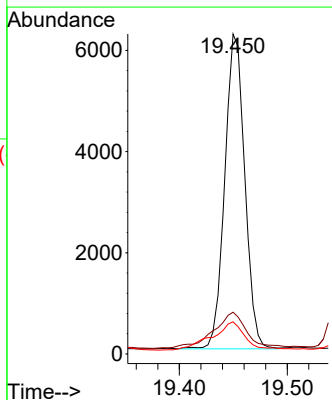
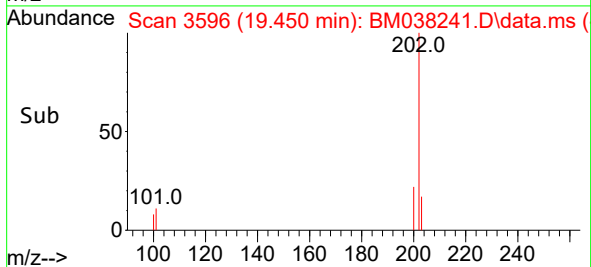
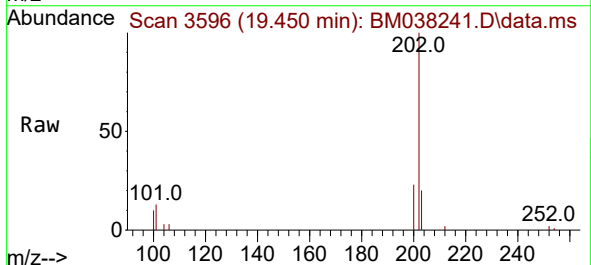


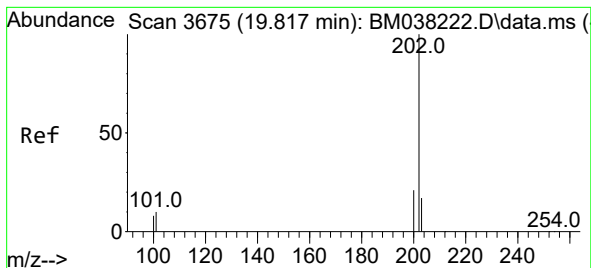
Tgt Ion:178 Resp: 3183
Ion Ratio Lower Upper
178 100
179 21.0 13.0 19.4#
176 23.4 16.2 24.4



#19
Fluoranthene
Concen: 0.180 ng/ul
RT: 19.450 min Scan# 3596
Delta R.T. -0.005 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21

Tgt Ion:202 Resp: 8029
Ion Ratio Lower Upper
202 100
101 13.1 7.5 11.3#
100 10.0 5.6 8.4#





#20

Pyrene

Concen: 0.185 ng/ul

RT: 19.817 min Scan# 3

Delta R.T. -0.000 min

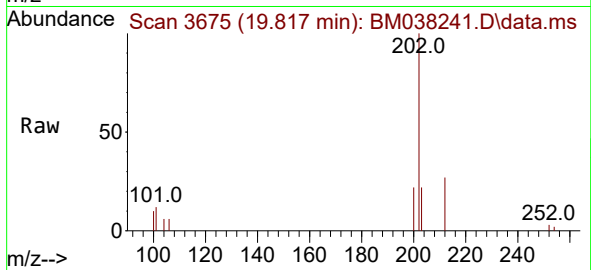
Lab File: BM038241.D

Acq: 23 Dec 2022 20:21

Instrument :

BNA_M

ClientSampleId :



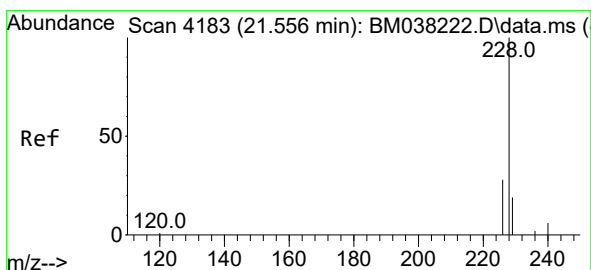
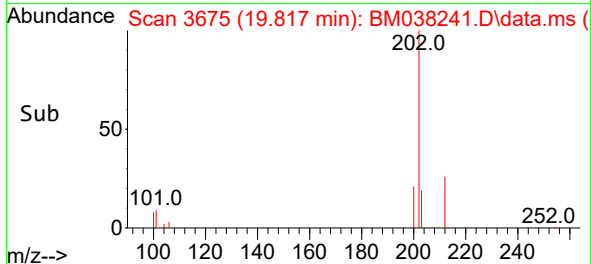
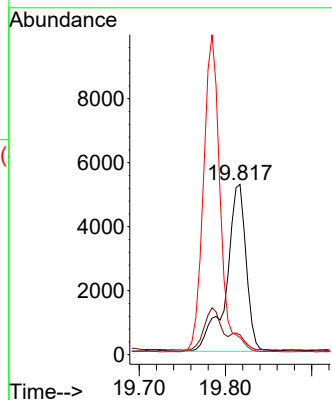
Tgt Ion:202 Resp: 8330

Ion Ratio Lower Upper

202 100

101 11.6 8.9 13.3

100 10.1 7.4 11.0



#21

Benzo(a)anthracene

Concen: 0.092 ng/ul

RT: 21.553 min Scan# 4182

Delta R.T. -0.006 min

Lab File: BM038241.D

Acq: 23 Dec 2022 20:21

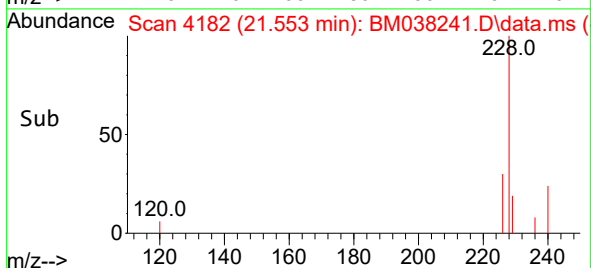
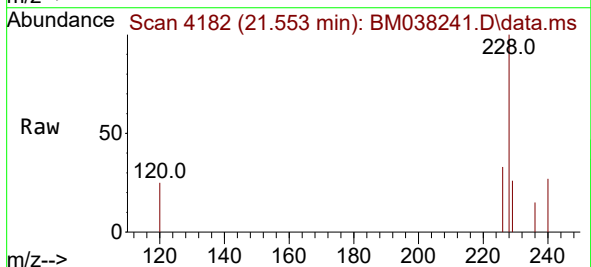
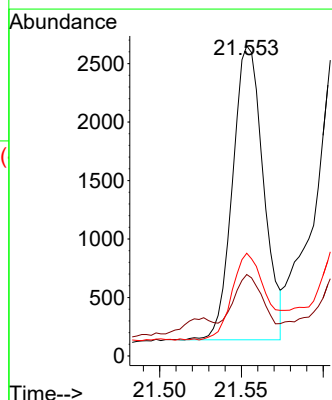
Tgt Ion:228 Resp: 3302

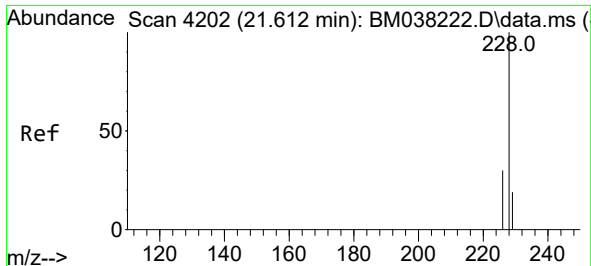
Ion Ratio Lower Upper

228 100

229 26.3 15.5 23.3#

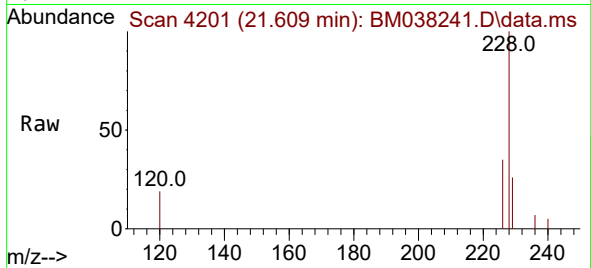
226 33.2 22.2 33.2



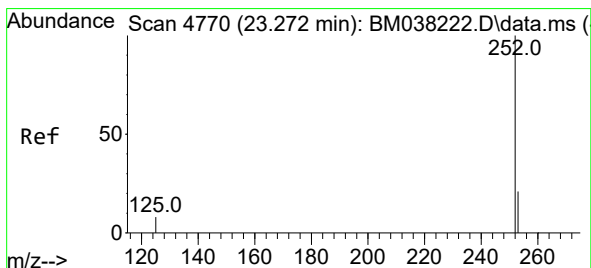
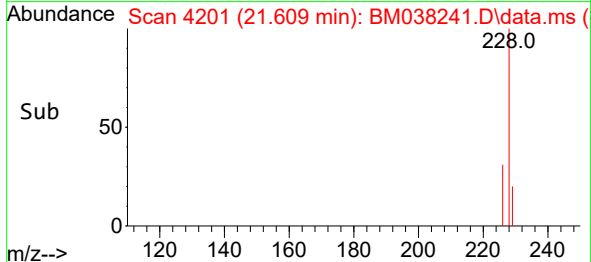
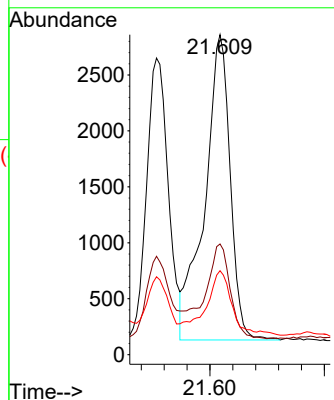


#22
Chrysene
Concen: 0.121 ng/ul
RT: 21.609 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21

Instrument :
BNA_M
ClientSampleId :

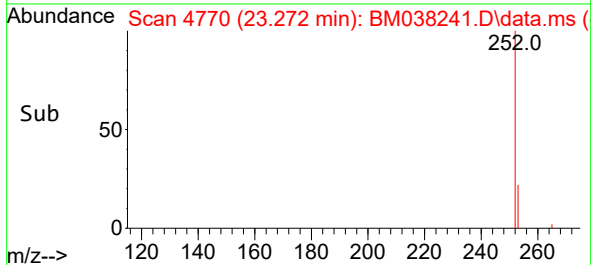
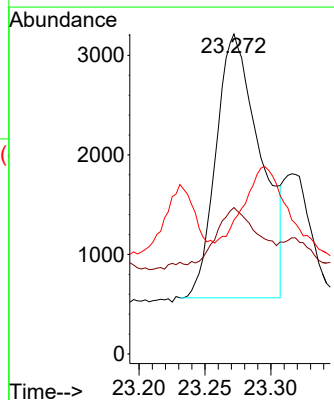
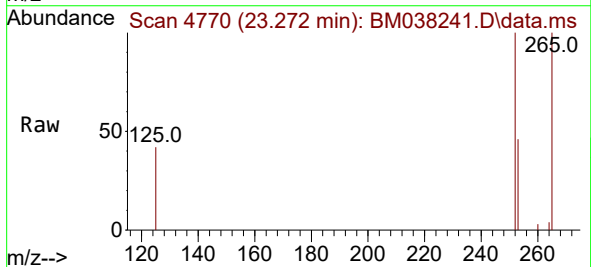


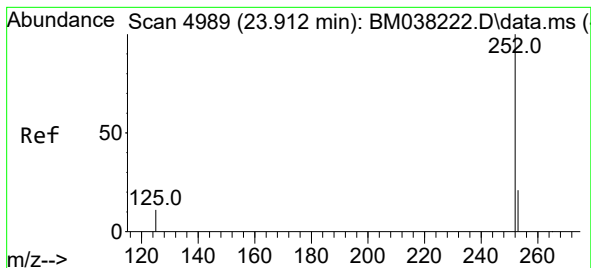
Tgt Ion:228 Resp: 4224
Ion Ratio Lower Upper
228 100
226 34.6 25.0 37.4
229 26.3 16.0 24.0#



#24
Benzo(b)fluoranthene
Concen: 0.167 ng/ul
RT: 23.272 min Scan# 4770
Delta R.T. -0.000 min
Lab File: BM038241.D
Acq: 23 Dec 2022 20:21

Tgt Ion:252 Resp: 6155
Ion Ratio Lower Upper
252 100
253 45.8 0.0 56.0
125 41.8 0.0 36.6#





#26

Benzo(a)pyrene

Concen: 0.120 ng/ul

RT: 23.912 min Scan# 4989

Delta R.T. -0.000 min

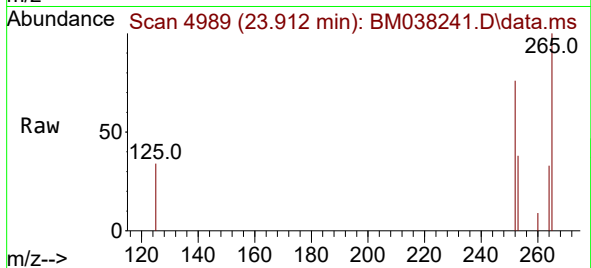
Lab File: BM038241.D

Acq: 23 Dec 2022 20:21

Instrument :

BNA_M

ClientSampleId :



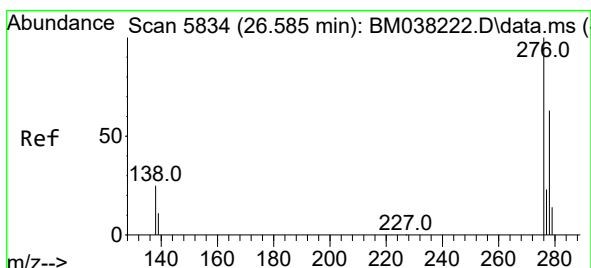
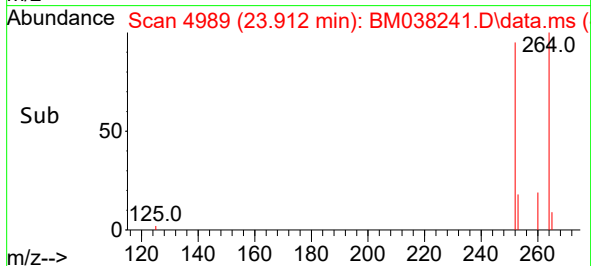
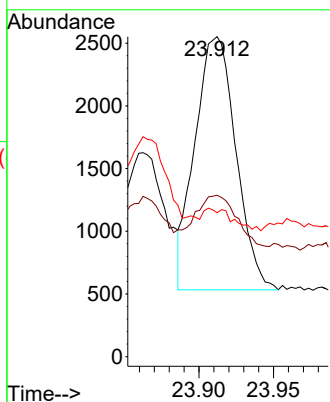
Tgt Ion:252 Resp: 3858

Ion Ratio Lower Upper

252 100

253 50.4 24.2 36.4#

125 45.0 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.075 ng/ul

RT: 26.582 min Scan# 5833

Delta R.T. -0.000 min

Lab File: BM038241.D

Acq: 23 Dec 2022 20:21

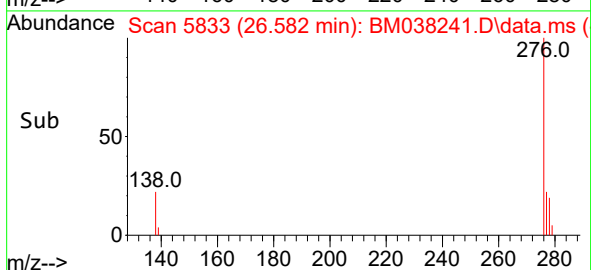
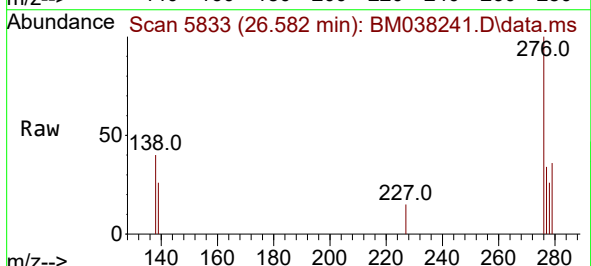
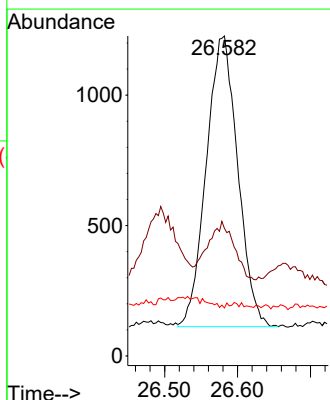
Tgt Ion:276 Resp: 3343

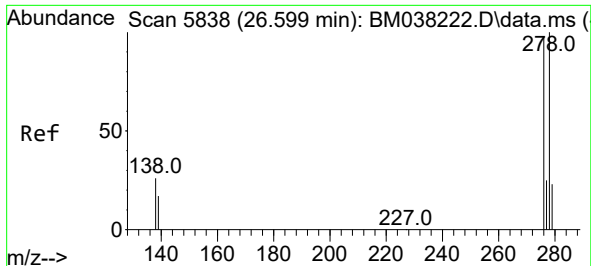
Ion Ratio Lower Upper

276 100

138 23.4 21.7 32.5

227 0.7 0.0 0.0#

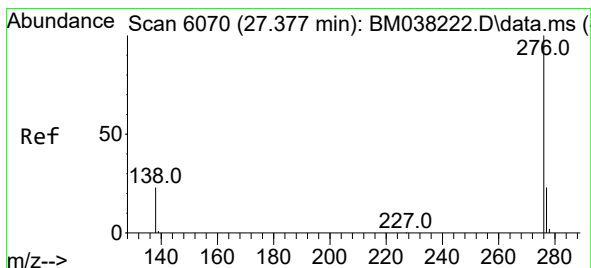
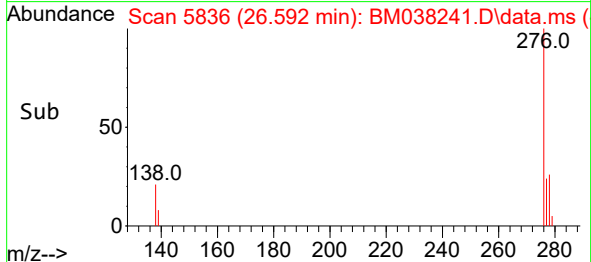
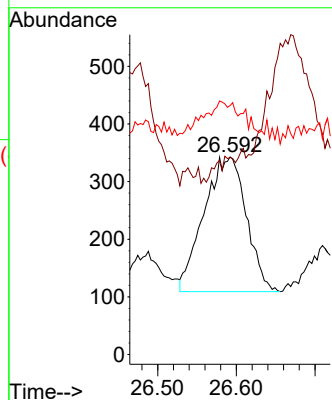
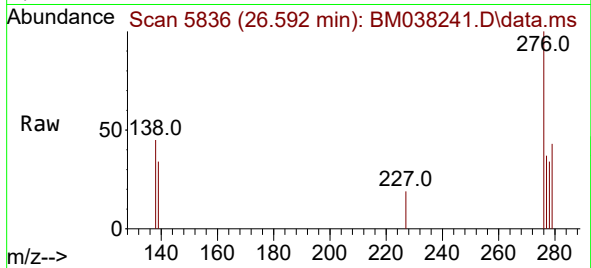




#28
 Dibenzo(a,h)anthracene
 Concen: 0.025 ng/ul
 RT: 26.592 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BM038241.D
 Acq: 23 Dec 2022 20:21

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 875
 Ion Ratio Lower Upper
 278 100
 139 99.7 16.8 25.2#
 279 125.9 23.4 35.2#



#29
 Benzo(g,h,i)perylene
 Concen: 0.092 ng/ul
 RT: 27.370 min Scan# 6068
 Delta R.T. -0.000 min
 Lab File: BM038241.D
 Acq: 23 Dec 2022 20:21

Tgt Ion:276 Resp: 3451
 Ion Ratio Lower Upper
 276 100
 138 43.1 20.8 31.2#
 277 33.9 20.5 30.7#

