

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038243.D
 Acq On : 23 Dec 2022 21:33
 Operator : CG/JU
 Sample : N6014-08
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 23:24:55 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)

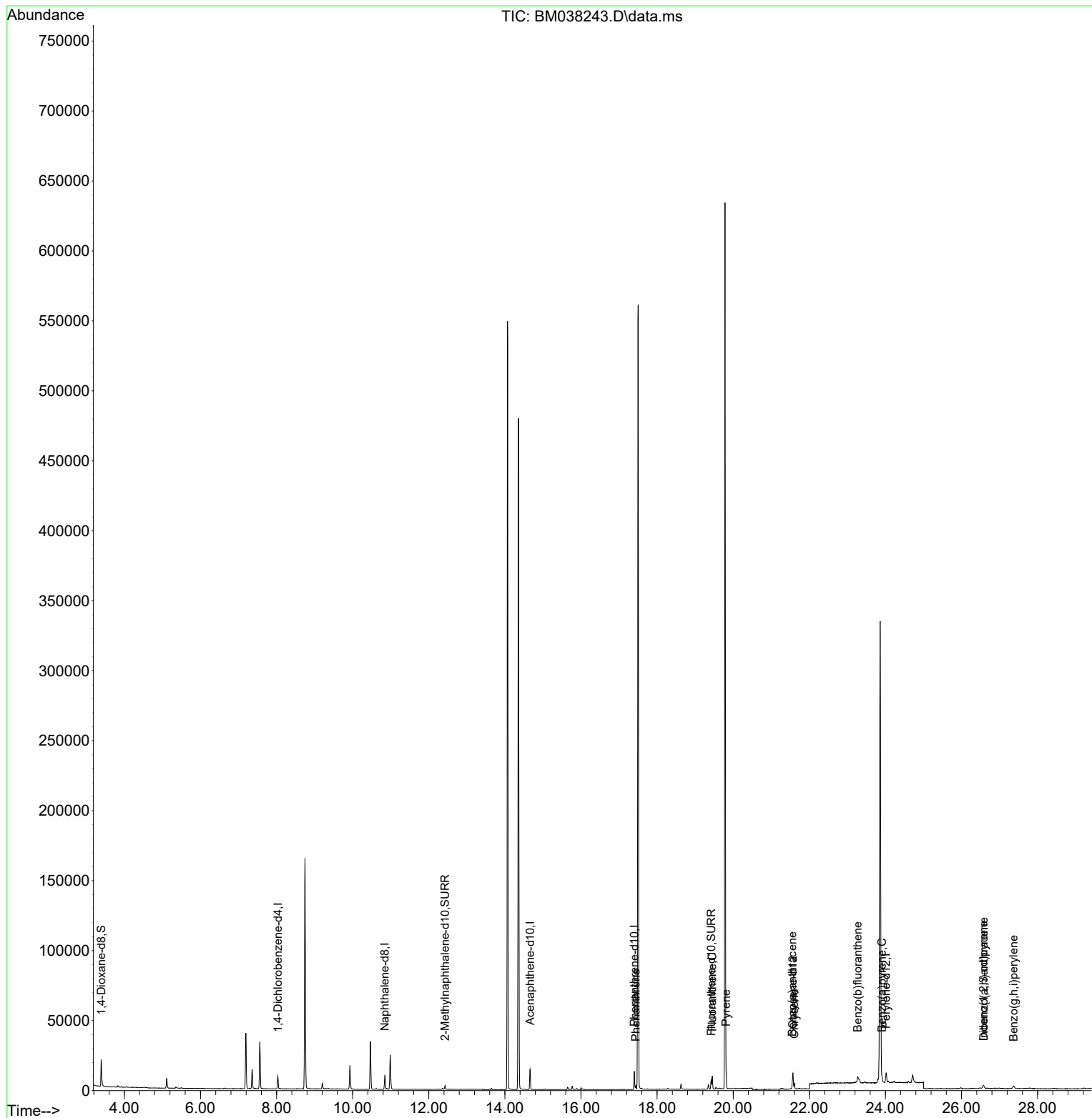
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	4389	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	13201	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.661	164	7456	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	14855	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	9311	0.400	ng/ul	0.00
23) Perylene-d12	24.017	264	9617	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	12120	2.715	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	3561	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	6699	0.192	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.443	178	2696	0.054	ng/ul#	90
19) Fluoranthene	19.450	202	7681	0.151	ng/ul#	91
20) Pyrene	19.812	202	8466	0.164	ng/ul	96
21) Benzo(a)anthracene	21.553	228	3770	0.092	ng/ul#	90
22) Chrysene	21.606	228	4463	0.112	ng/ul#	91
24) Benzo(b)fluoranthene	23.269	252	7526	0.177	ng/ul	73
26) Benzo(a)pyrene	23.909	252	4711	0.127	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.575	276	4036	0.078	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.582	278	1011	0.025	ng/ul#	1
29) Benzo(g,h,i)perylene	27.370	276	4154	0.096	ng/ul#	83

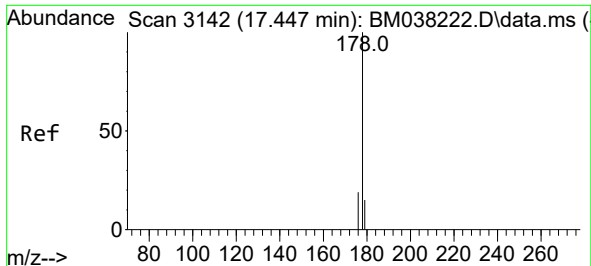
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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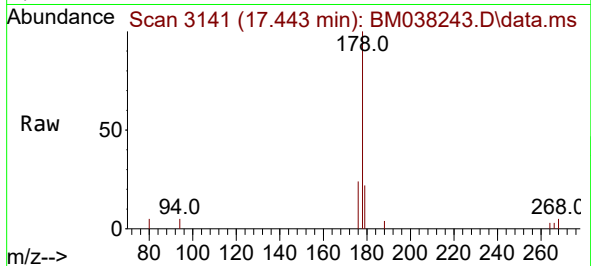
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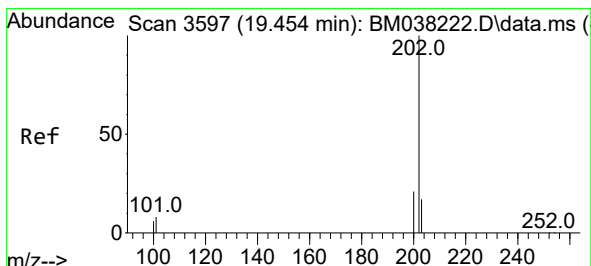
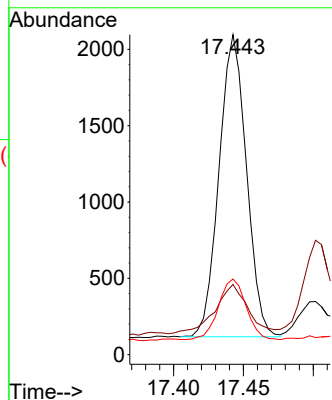
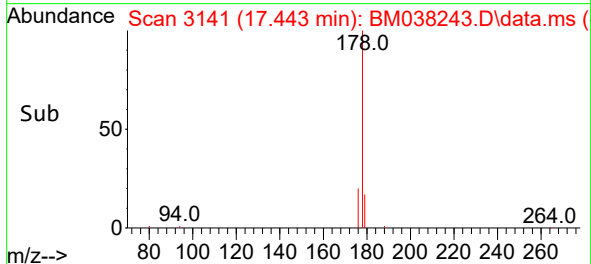


#15
Phenanthrene
Concen: 0.054 ng/ul
RT: 17.443 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33

Instrument :
BNA_M
ClientSampleId :

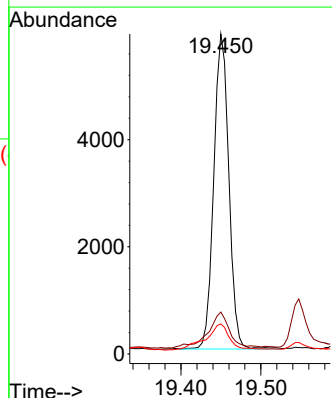
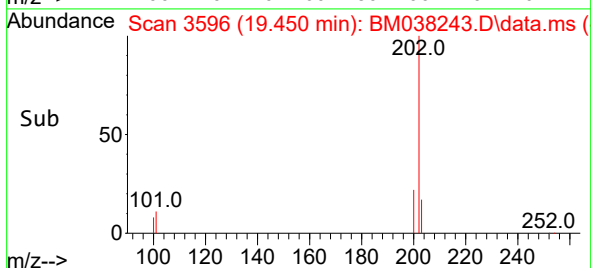
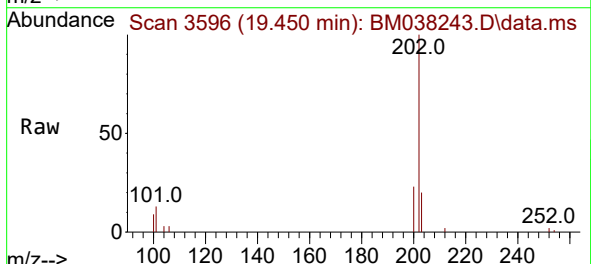


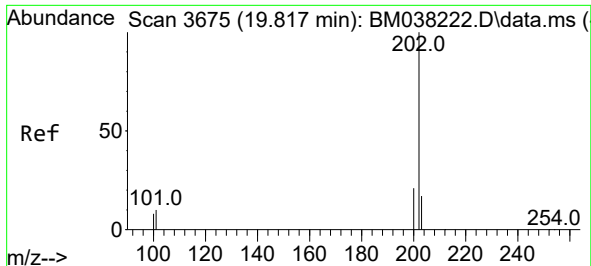
Tgt Ion:178 Resp: 2696
Ion Ratio Lower Upper
178 100
179 21.9 13.0 19.4#
176 23.7 16.2 24.4



#19
Fluoranthene
Concen: 0.151 ng/ul
RT: 19.450 min Scan# 3596
Delta R.T. -0.005 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33

Tgt Ion:202 Resp: 7681
Ion Ratio Lower Upper
202 100
101 13.1 7.5 11.3#
100 9.4 5.6 8.4#

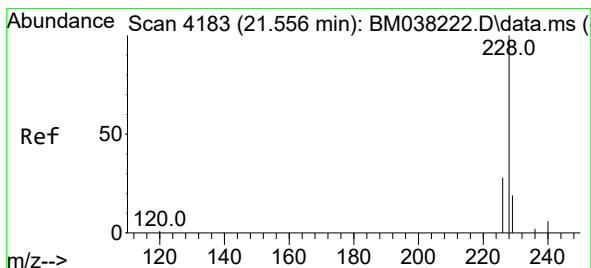
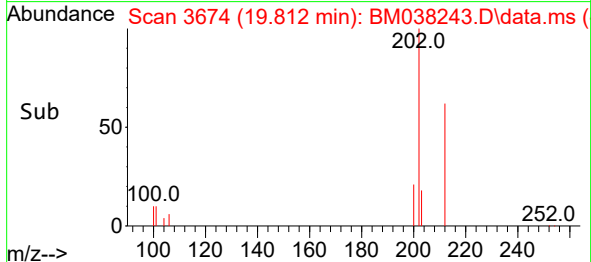
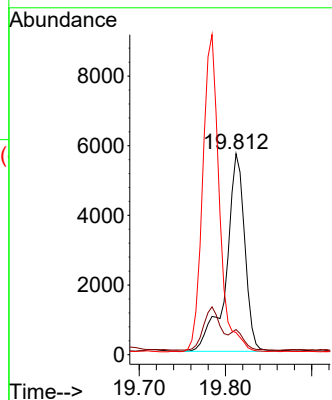
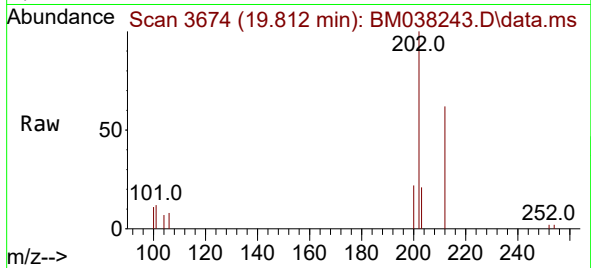




#20
Pyrene
Concen: 0.164 ng/ul
RT: 19.812 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33

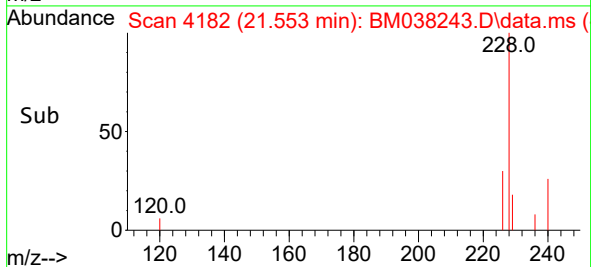
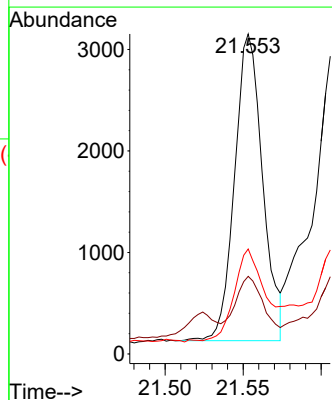
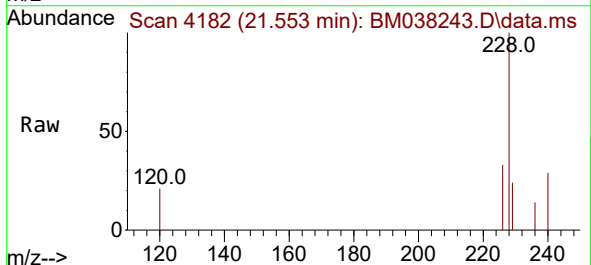
Instrument :
BNA_M
ClientSampleId :

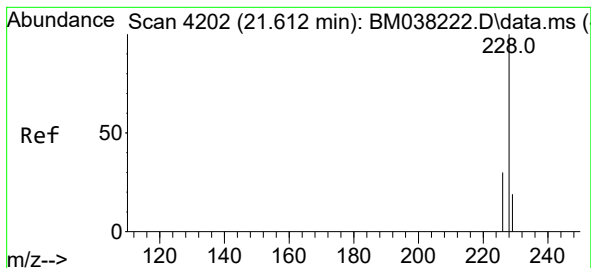
Tgt Ion:202 Resp: 8466
Ion Ratio Lower Upper
202 100
101 12.5 8.9 13.3
100 11.0 7.4 11.0



#21
Benzo(a)anthracene
Concen: 0.092 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33

Tgt Ion:228 Resp: 3770
Ion Ratio Lower Upper
228 100
229 24.3 15.5 23.3#
226 32.8 22.2 33.2





#22

Chrysene

Concen: 0.112 ng/ul

RT: 21.606 min Scan# 41

Delta R.T. -0.006 min

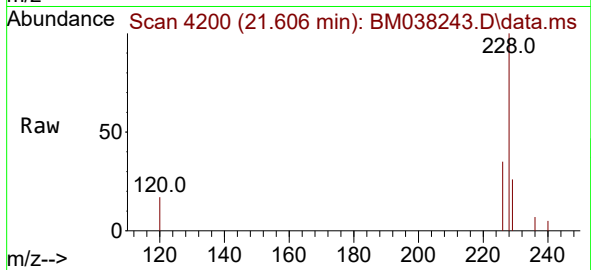
Lab File: BM038243.D

Acq: 23 Dec 2022 21:33

Instrument :

BNA_M

ClientSampleId :



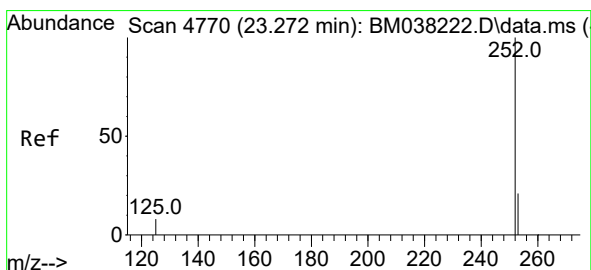
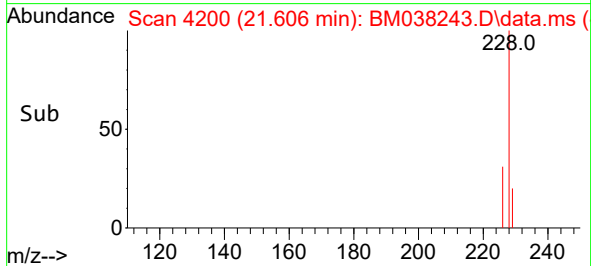
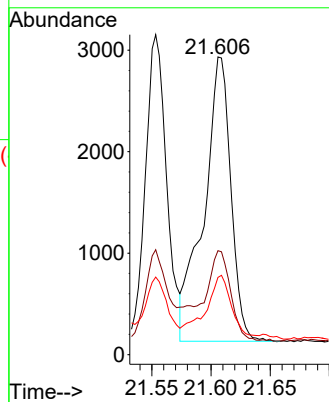
Tgt Ion:228 Resp: 4463

Ion Ratio Lower Upper

228 100

226 34.9 25.0 37.4

229 25.9 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 0.177 ng/ul

RT: 23.269 min Scan# 4769

Delta R.T. -0.003 min

Lab File: BM038243.D

Acq: 23 Dec 2022 21:33

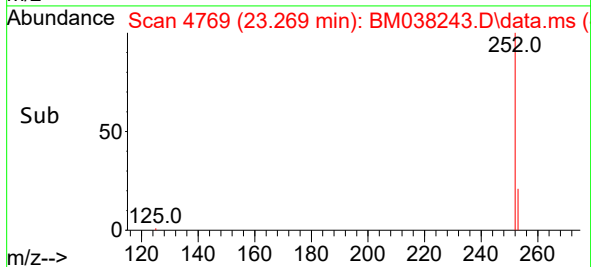
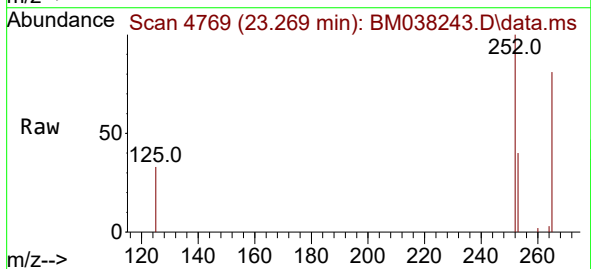
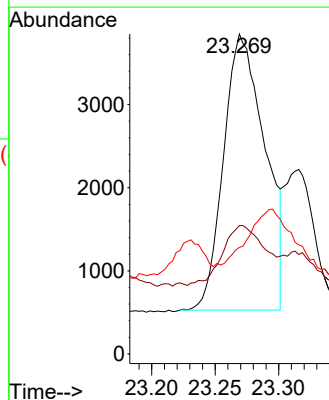
Tgt Ion:252 Resp: 7526

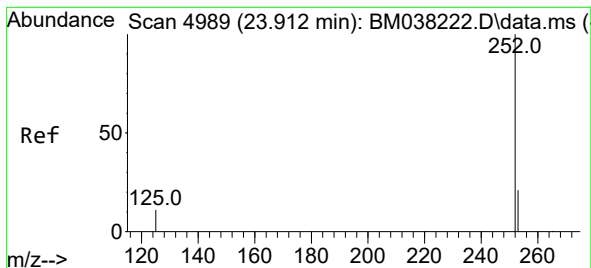
Ion Ratio Lower Upper

252 100

253 40.2 0.0 56.0

125 33.3 0.0 36.6





#26

Benzo(a)pyrene

Concen: 0.127 ng/ul

RT: 23.909 min Scan# 4988

Delta R.T. -0.003 min

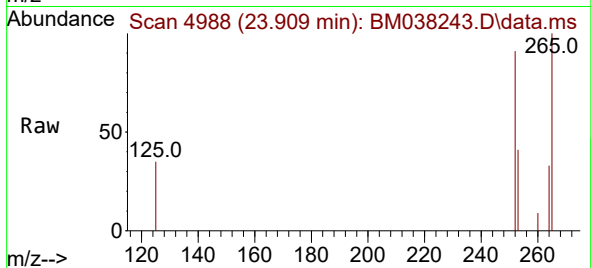
Lab File: BM038243.D

Acq: 23 Dec 2022 21:33

Instrument :

BNA_M

ClientSampleId :



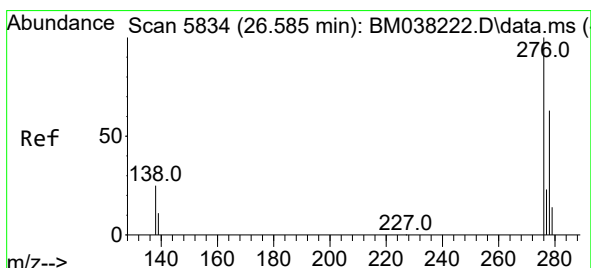
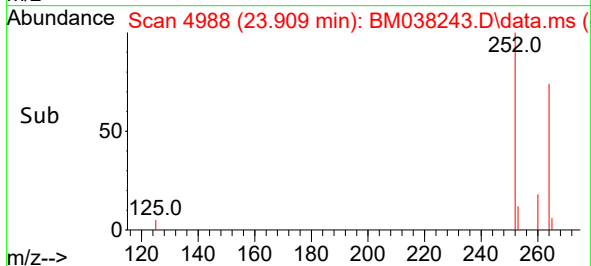
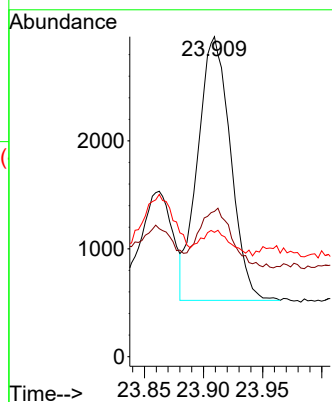
Tgt Ion:252 Resp: 4711

Ion Ratio Lower Upper

252 100

253 45.4 24.2 36.4#

125 38.8 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.078 ng/ul

RT: 26.575 min Scan# 5831

Delta R.T. -0.007 min

Lab File: BM038243.D

Acq: 23 Dec 2022 21:33

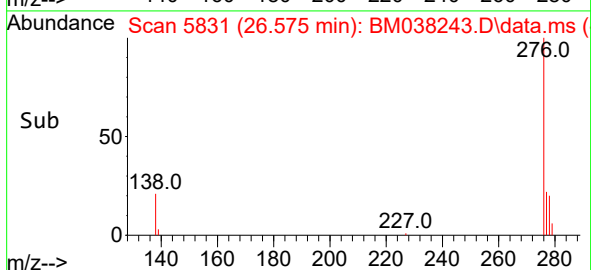
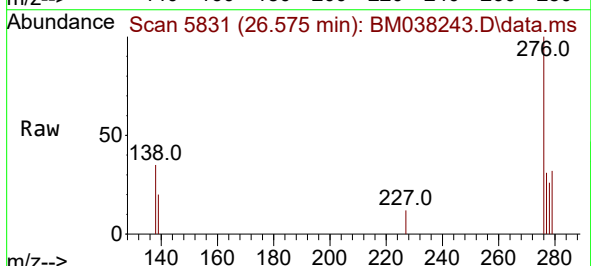
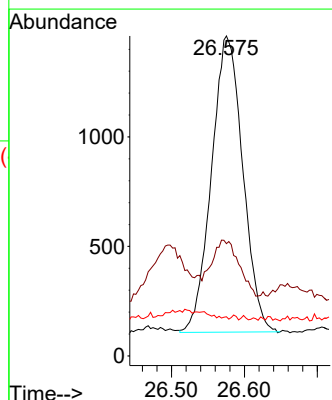
Tgt Ion:276 Resp: 4036

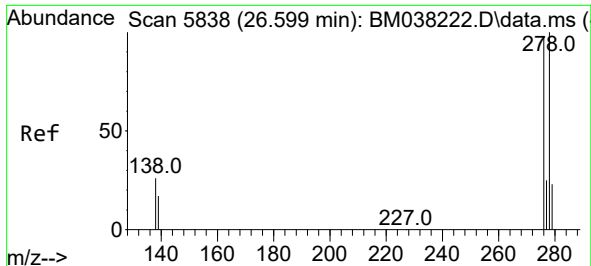
Ion Ratio Lower Upper

276 100

138 21.5 21.7 32.5#

227 0.2 0.0 0.0#

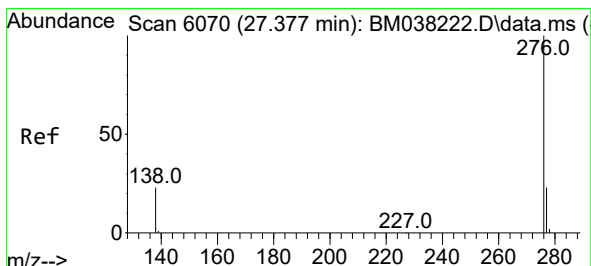
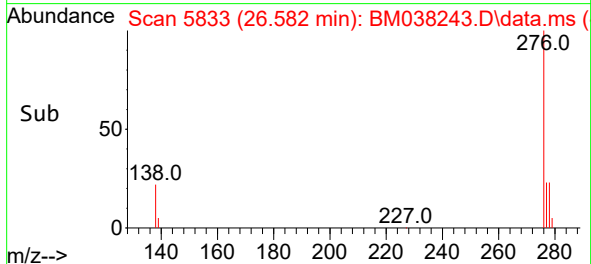
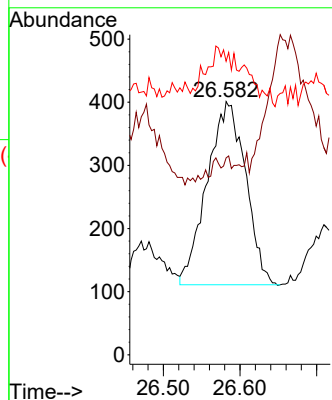
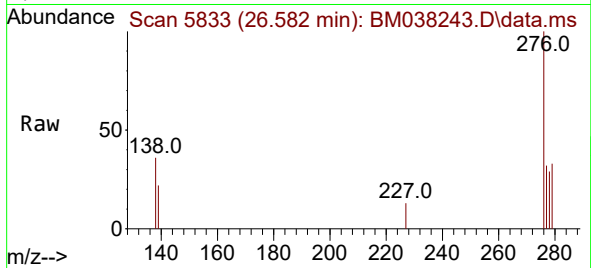




#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 26.582 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 1011
Ion Ratio Lower Upper
278 100
139 77.8 16.8 25.2#
279 116.0 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.096 ng/ul
RT: 27.370 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33

Tgt Ion:276 Resp: 4154
Ion Ratio Lower Upper
276 100
138 36.2 20.8 31.2#
277 32.5 20.5 30.7#

