

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038063.D
 Acq On : 16 Dec 2022 12:39
 Operator : CG/JU
 Sample : N5925-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXR0

Quant Time: Dec 16 23:20:04 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

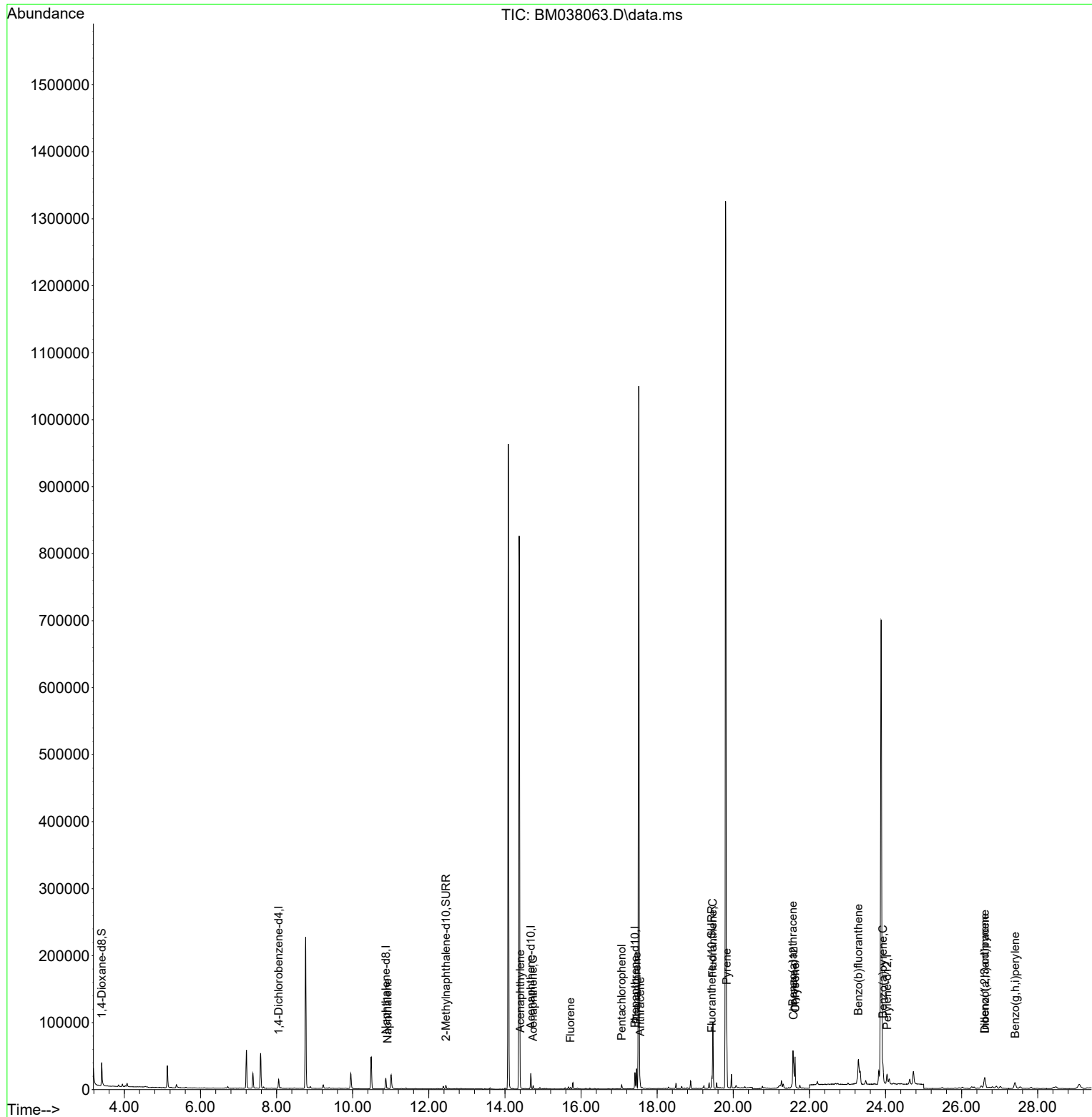
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	6676	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	21399	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	12161	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	26280	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	20923	0.400	ng/ul	# 0.00
23) Perylene-d12	24.041	264	20675	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	24541	2.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	6594	0.211	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	15317	0.202	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.917	128	1703	0.026	ng/ul#	86
10) Acenaphthylene	14.402	152	1604	0.025	ng/ul#	78
11) Acenaphthene	14.740	153	2584	0.053	ng/ul	96
12) Fluorene	15.721	166	1391	0.026	ng/ul#	96
14) Pentachlorophenol	17.067	266	4277	0.393	ng/ul	99
15) Phenanthrene	17.460	178	29552	0.334	ng/ul	100
16) Anthracene	17.552	178	8486	0.104	ng/ul	94
19) Fluoranthene	19.464	202	78376	0.725	ng/ul	100
20) Pyrene	19.826	202	62681	0.568	ng/ul	100
21) Benzo(a)anthracene	21.568	228	42709	0.472	ng/ul#	96
22) Chrysene	21.624	228	43321	0.475	ng/ul#	95
24) Benzo(b)fluoranthene	23.287	252	64330	0.656	ng/ul	98
26) Benzo(a)pyrene	23.930	252	37760	0.457	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.609	276	27932	0.269	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.612	278	7370	0.091	ng/ul#	74
29) Benzo(g,h,i)perylene	27.407	276	20887	0.237	ng/ul	99

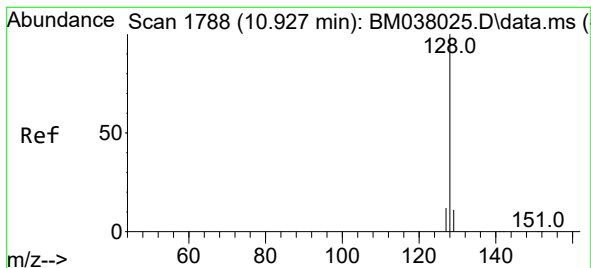
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.026 ng/ul

RT: 10.917 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM038063.D

Acq: 16 Dec 2022 12:39

Instrument :

BNA_M

ClientSampleId :

DBXR0

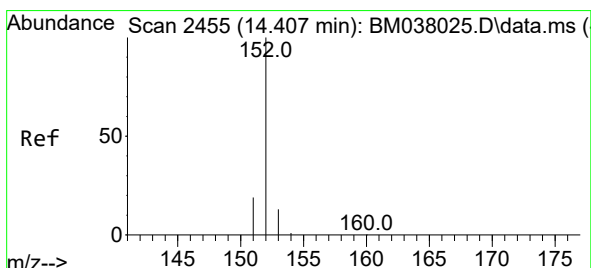
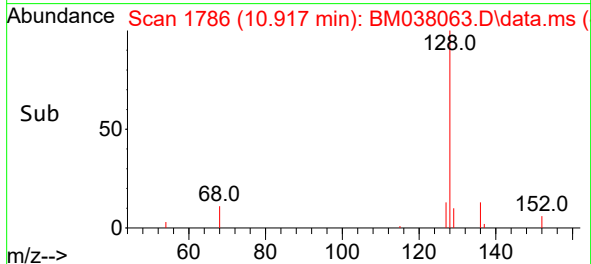
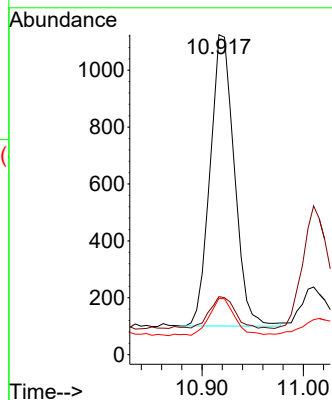
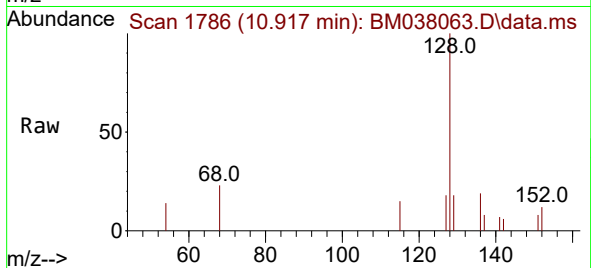
Tgt Ion:128 Resp: 1703

Ion Ratio Lower Upper

128 100

129 18.1 9.1 13.7#

127 17.6 10.4 15.6#



#10

Acenaphthylene

Concen: 0.025 ng/ul

RT: 14.402 min Scan# 2454

Delta R.T. -0.005 min

Lab File: BM038063.D

Acq: 16 Dec 2022 12:39

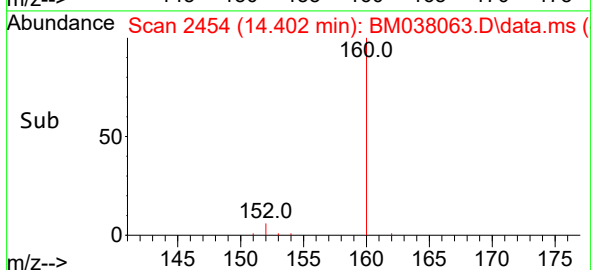
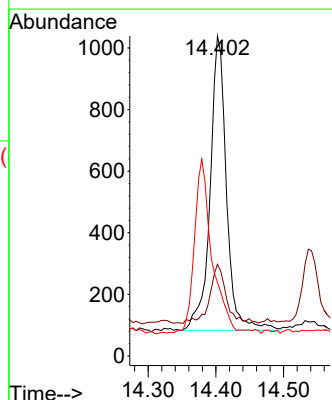
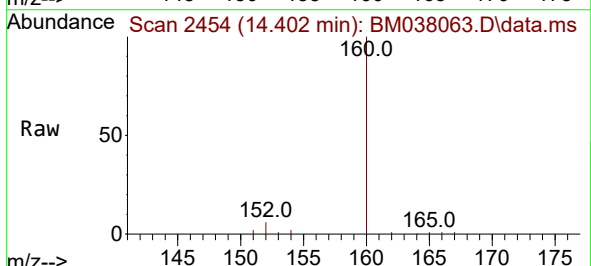
Tgt Ion:152 Resp: 1604

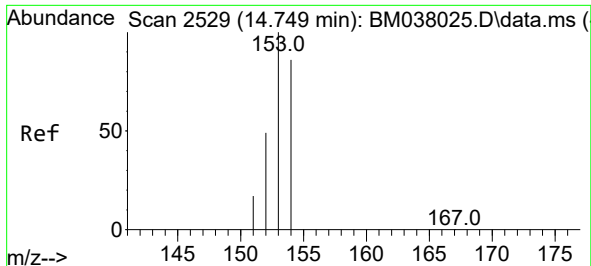
Ion Ratio Lower Upper

152 100

151 28.7 15.5 23.3#

153 23.0 11.0 16.4#

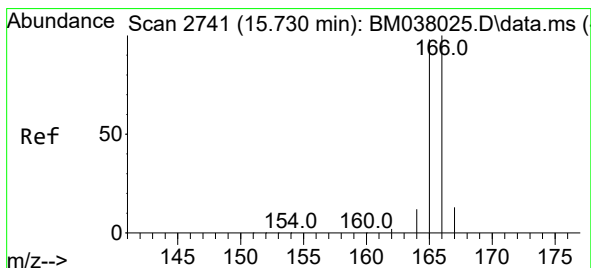
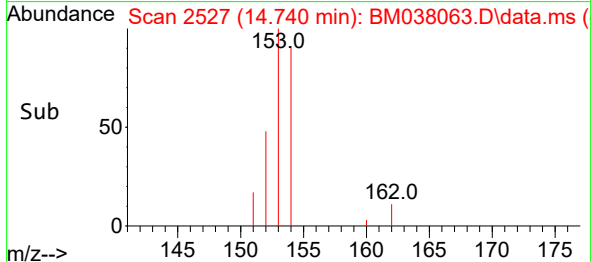
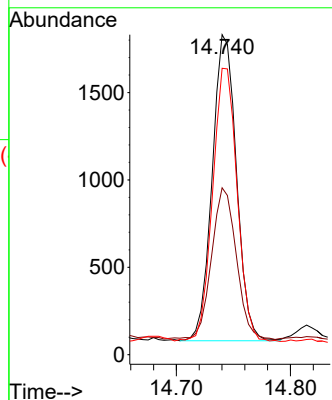
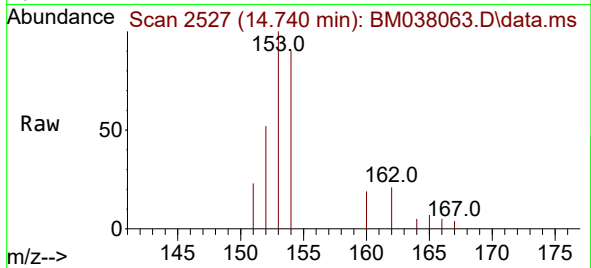




#11
Acenaphthene
Concen: 0.053 ng/ul
RT: 14.740 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM038063.D
Acq: 16 Dec 2022 12:39

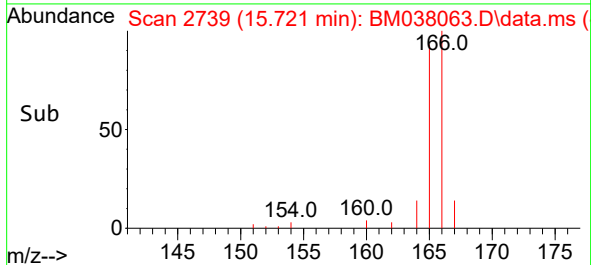
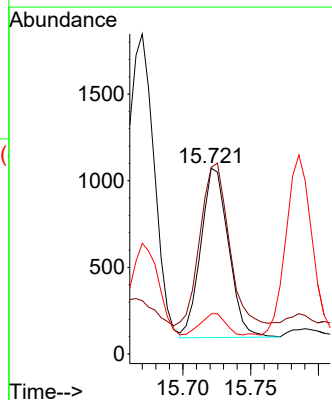
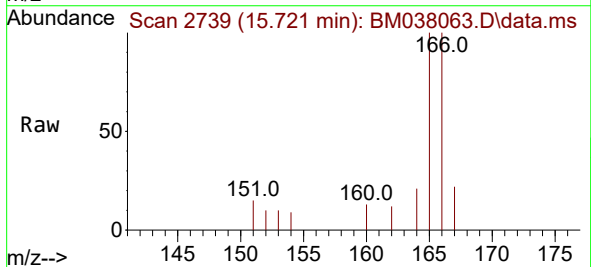
Instrument :
BNA_M
ClientSampleId :
DBXR0

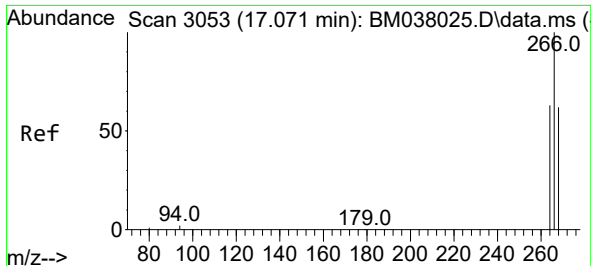
Tgt Ion:153 Resp: 2584
Ion Ratio Lower Upper
153 100
152 52.2 39.5 59.3
154 89.5 69.2 103.8



#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.721 min Scan# 2739
Delta R.T. -0.009 min
Lab File: BM038063.D
Acq: 16 Dec 2022 12:39

Tgt Ion:166 Resp: 1391
Ion Ratio Lower Upper
166 100
165 100.5 79.0 118.4
167 21.6 11.1 16.7#

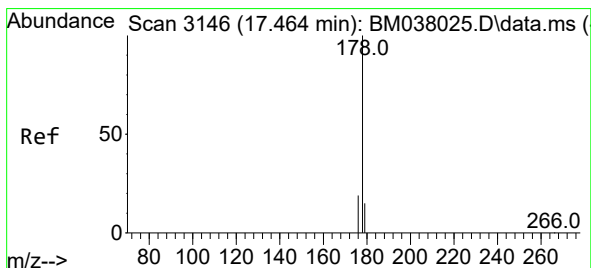
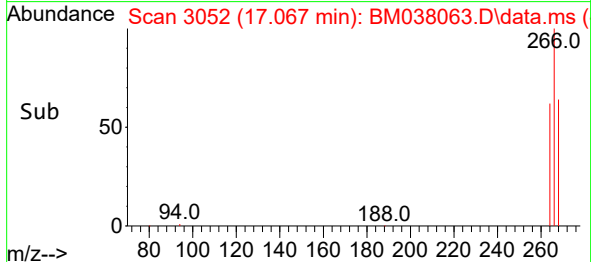
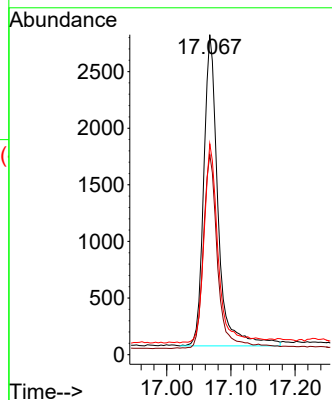
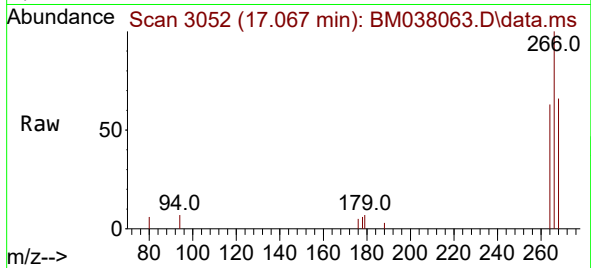




#14
Pentachlorophenol
Concen: 0.393 ng/ul
RT: 17.067 min Scan# 3053
Delta R.T. -0.004 min
Lab File: BM038063.D
Acq: 16 Dec 2022 12:39

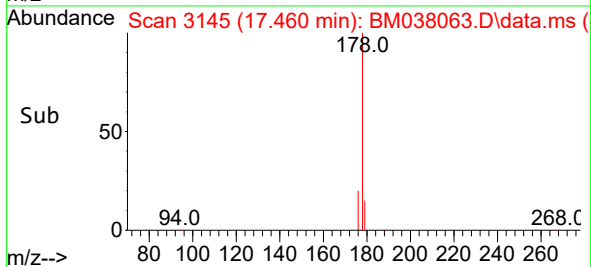
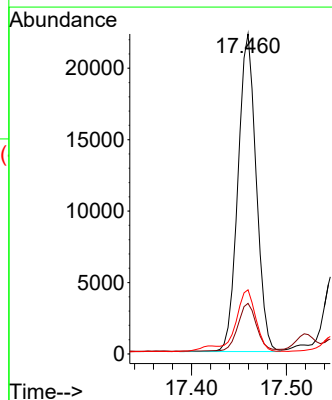
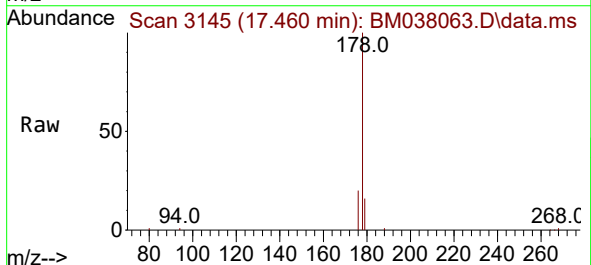
Instrument :
BNA_M
ClientSampleId :
DBXR0

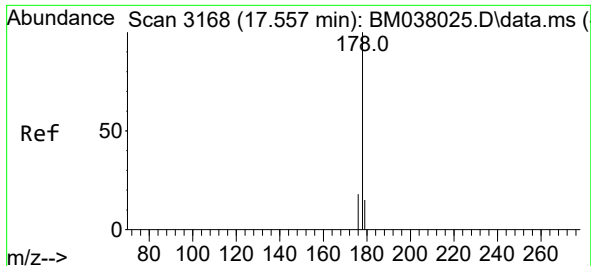
Tgt Ion:266 Resp: 4277
Ion Ratio Lower Upper
266 100
264 62.6 49.9 74.9
268 63.9 52.0 78.0



#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.460 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038063.D
Acq: 16 Dec 2022 12:39

Tgt Ion:178 Resp: 29552
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 20.1 15.8 23.6

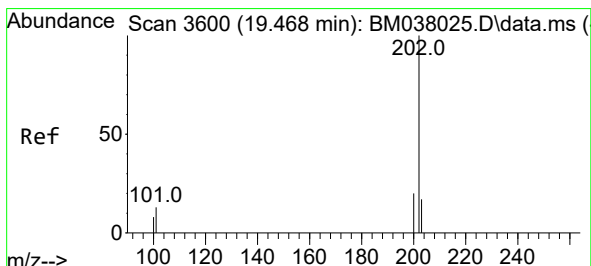
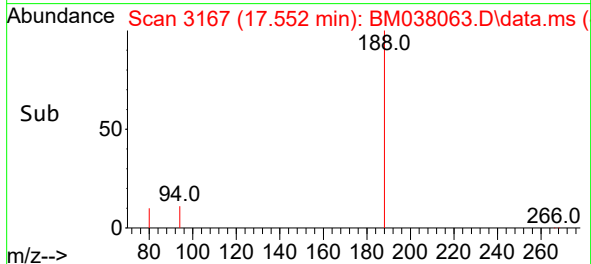
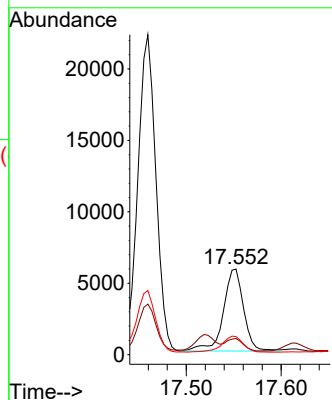
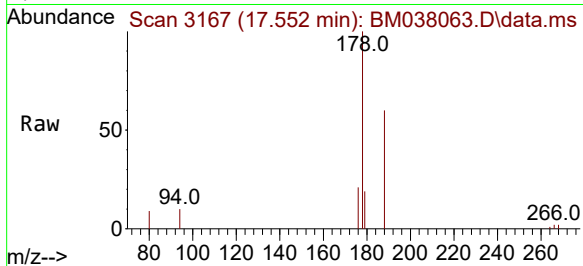




#16
 Anthracene
 Concen: 0.104 ng/ul
 RT: 17.552 min Scan# 3167
 Delta R.T. -0.004 min
 Lab File: BM038063.D
 Acq: 16 Dec 2022 12:39

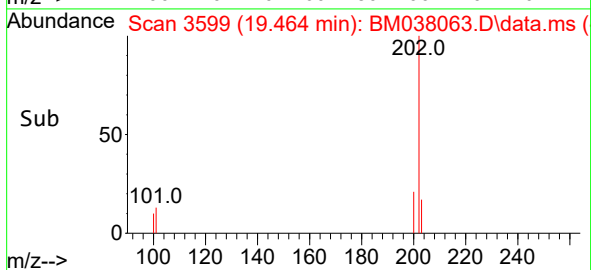
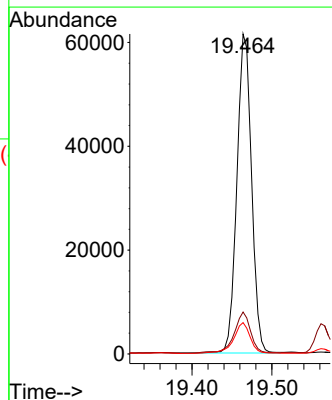
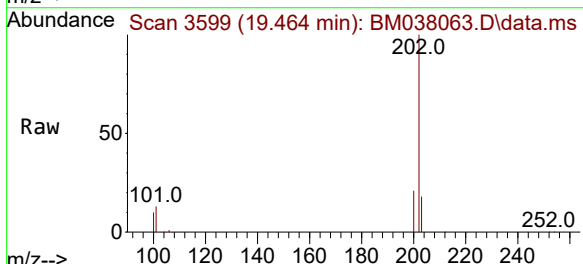
Instrument :
 BNA_M
 ClientSampleId :
 DBXR0

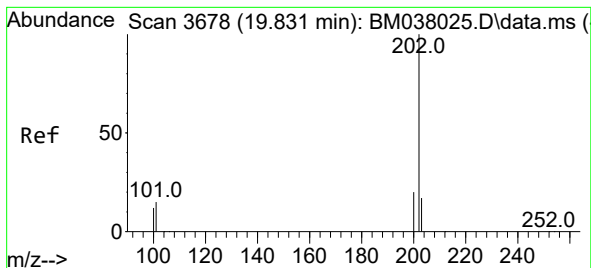
Tgt Ion:178 Resp: 8486
 Ion Ratio Lower Upper
 178 100
 179 18.8 13.0 19.4
 176 21.1 15.0 22.4



#19
 Fluoranthene
 Concen: 0.725 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. -0.005 min
 Lab File: BM038063.D
 Acq: 16 Dec 2022 12:39

Tgt Ion:202 Resp: 78376
 Ion Ratio Lower Upper
 202 100
 101 13.1 10.6 15.8
 100 9.8 7.9 11.9





#20

Pyrene

Concen: 0.568 ng/ul

RT: 19.826 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM038063.D

Acq: 16 Dec 2022 12:39

Instrument :

BNA_M

ClientSampleId :

DBXR0

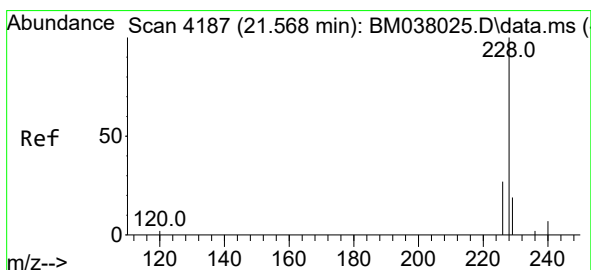
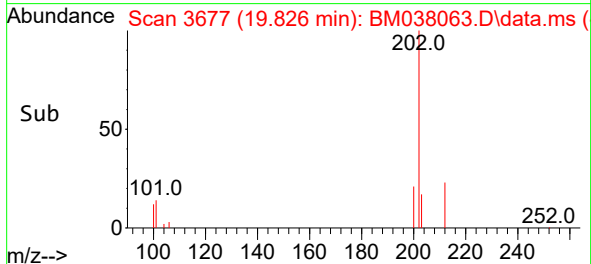
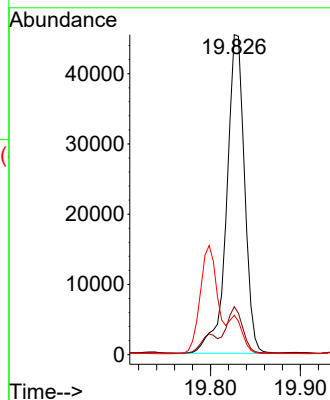
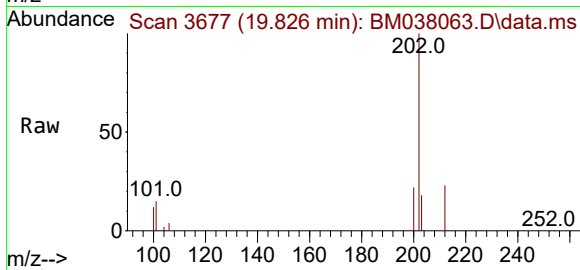
Tgt Ion:202 Resp: 62681

Ion Ratio Lower Upper

202 100

101 15.0 12.1 18.1

100 12.3 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.472 ng/ul

RT: 21.568 min Scan# 4187

Delta R.T. 0.000 min

Lab File: BM038063.D

Acq: 16 Dec 2022 12:39

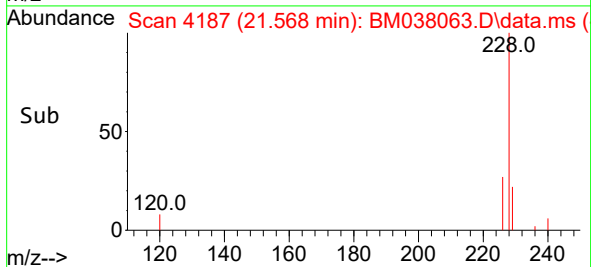
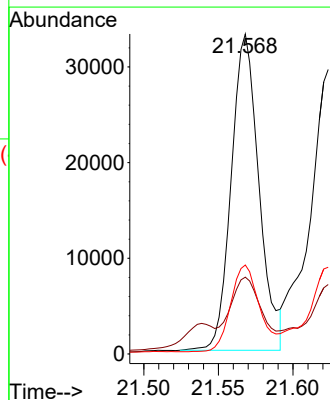
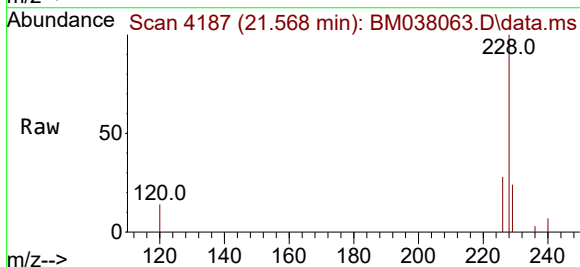
Tgt Ion:228 Resp: 42709

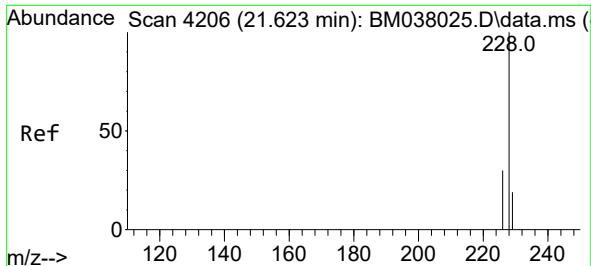
Ion Ratio Lower Upper

228 100

229 24.0 15.9 23.9#

226 27.8 22.1 33.1





#22

Chrysene

Concen: 0.475 ng/ul

RT: 21.624 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM038063.D

Acq: 16 Dec 2022 12:39

Instrument :

BNA_M

ClientSampleId :

DBXR0

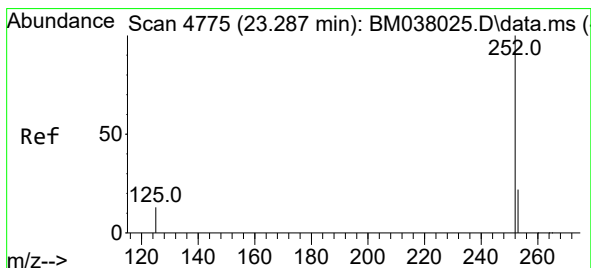
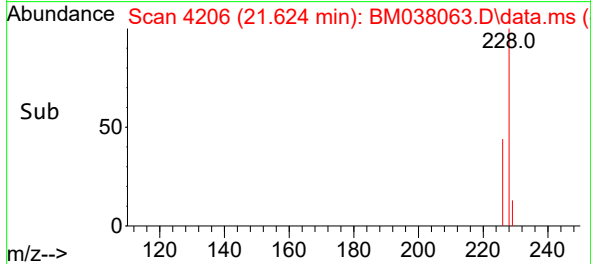
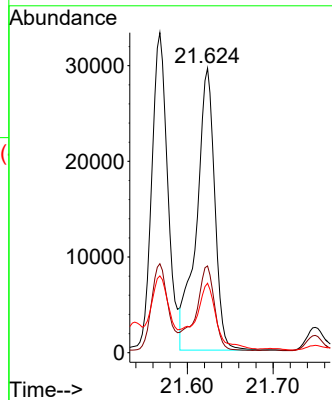
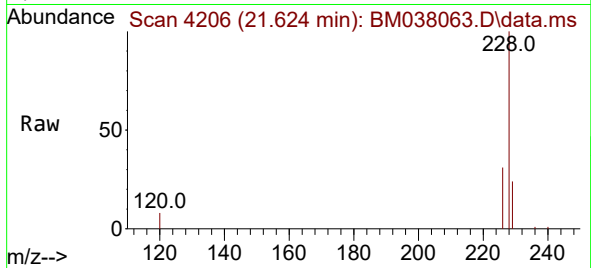
Tgt Ion:228 Resp: 43321

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

229 24.4 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.656 ng/ul

RT: 23.287 min Scan# 4775

Delta R.T. 0.000 min

Lab File: BM038063.D

Acq: 16 Dec 2022 12:39

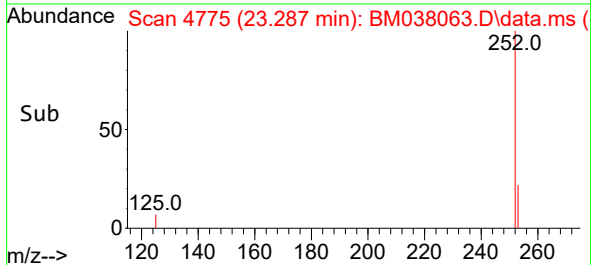
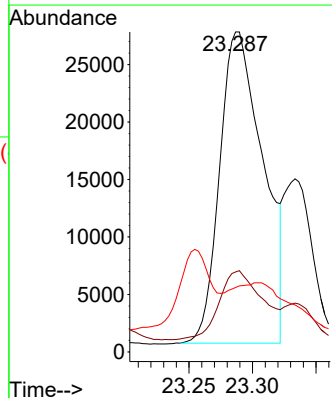
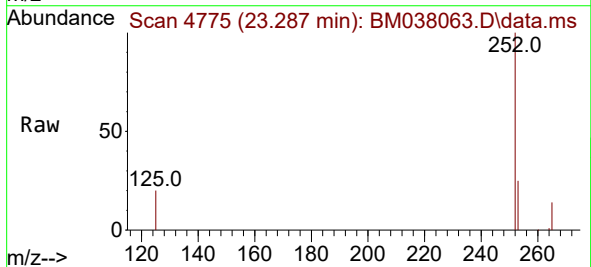
Tgt Ion:252 Resp: 64330

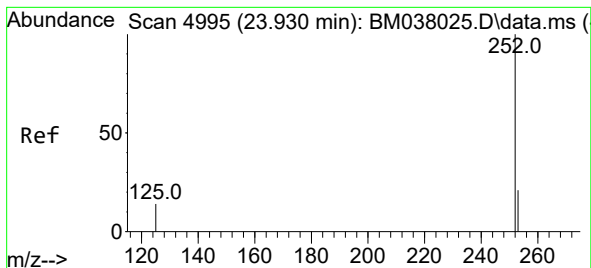
Ion Ratio Lower Upper

252 100

253 25.0 0.0 51.8

125 20.1 0.0 42.2





#26

Benzo(a)pyrene

Concen: 0.457 ng/ul

RT: 23.930 min Scan# 4995

Delta R.T. 0.000 min

Lab File: BM038063.D

Acq: 16 Dec 2022 12:39

Instrument :

BNA_M

ClientSampleId :

DBXR0

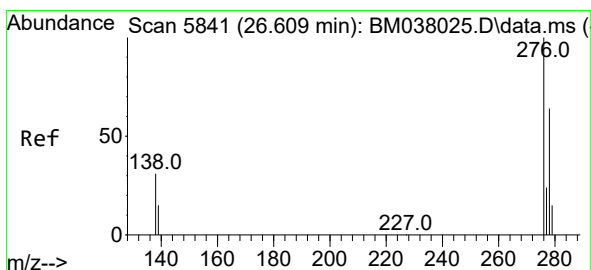
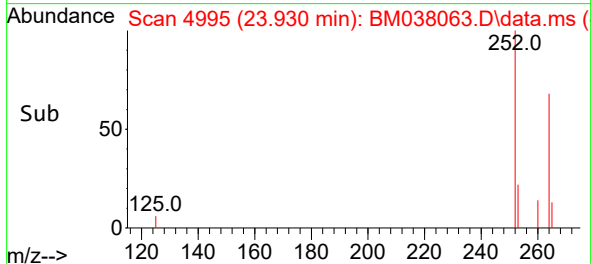
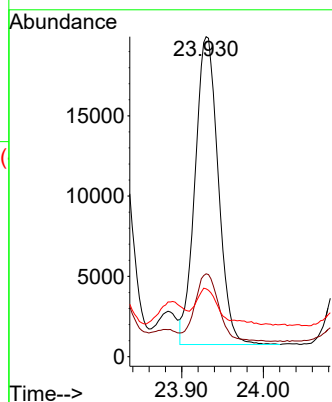
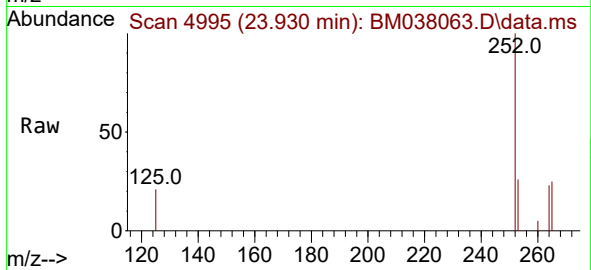
Tgt Ion:252 Resp: 37760

Ion Ratio Lower Upper

252 100

253 25.9 21.9 32.9

125 21.2 20.7 31.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.269 ng/ul

RT: 26.609 min Scan# 5841

Delta R.T. 0.000 min

Lab File: BM038063.D

Acq: 16 Dec 2022 12:39

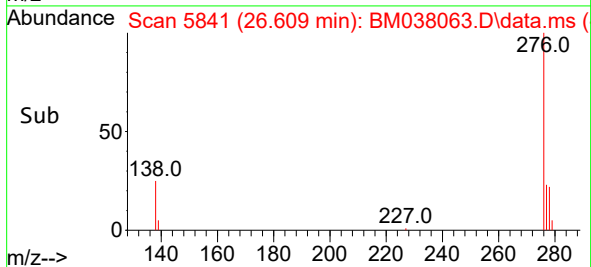
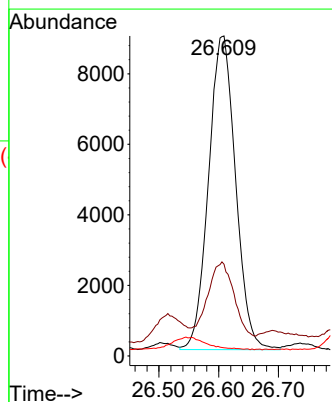
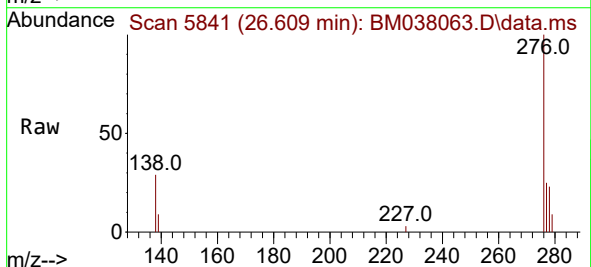
Tgt Ion:276 Resp: 27932

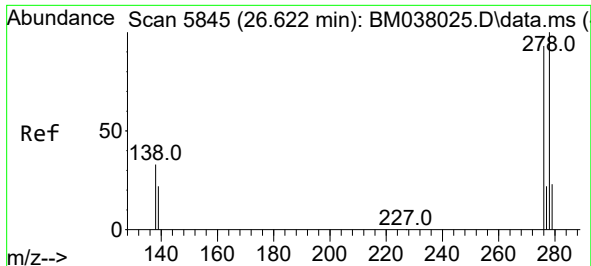
Ion Ratio Lower Upper

276 100

138 24.4 26.6 40.0#

227 0.0 0.1 0.1#

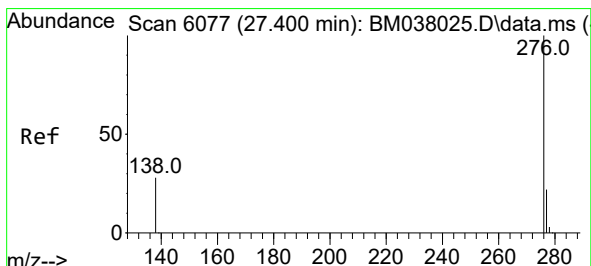
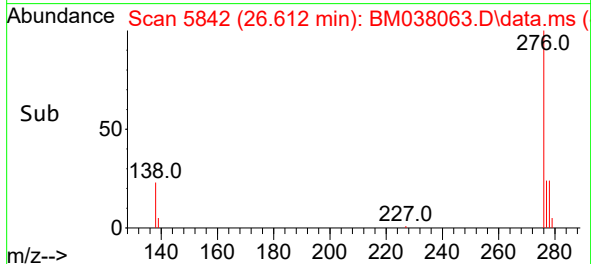
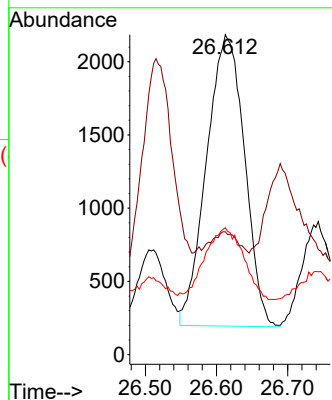
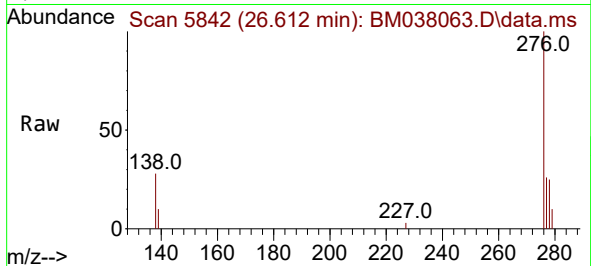




#28
Dibenzo(a,h)anthracene
Concen: 0.091 ng/ul
RT: 26.612 min Scan# 5842
Delta R.T. -0.010 min
Lab File: BM038063.D
Acq: 16 Dec 2022 12:39

Instrument :
BNA_M
ClientSampleId :
DBXR0

Tgt Ion:278 Resp: 7370
Ion Ratio Lower Upper
278 100
139 38.4 19.0 28.6#
279 39.6 22.4 33.6#



#29
Benzo(g,h,i)perylene
Concen: 0.237 ng/ul
RT: 27.407 min Scan# 6079
Delta R.T. 0.007 min
Lab File: BM038063.D
Acq: 16 Dec 2022 12:39

Tgt Ion:276 Resp: 20887
Ion Ratio Lower Upper
276 100
138 30.1 24.1 36.1
277 25.3 19.0 28.6

