

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038550.D
 Acq On : 26 Jan 2023 15:40
 Operator : CG/JU
 Sample : 01226-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX9F8

Quant Time: Jan 27 00:44:06 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 00:18:15 2023
 Response via : Initial Calibration

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

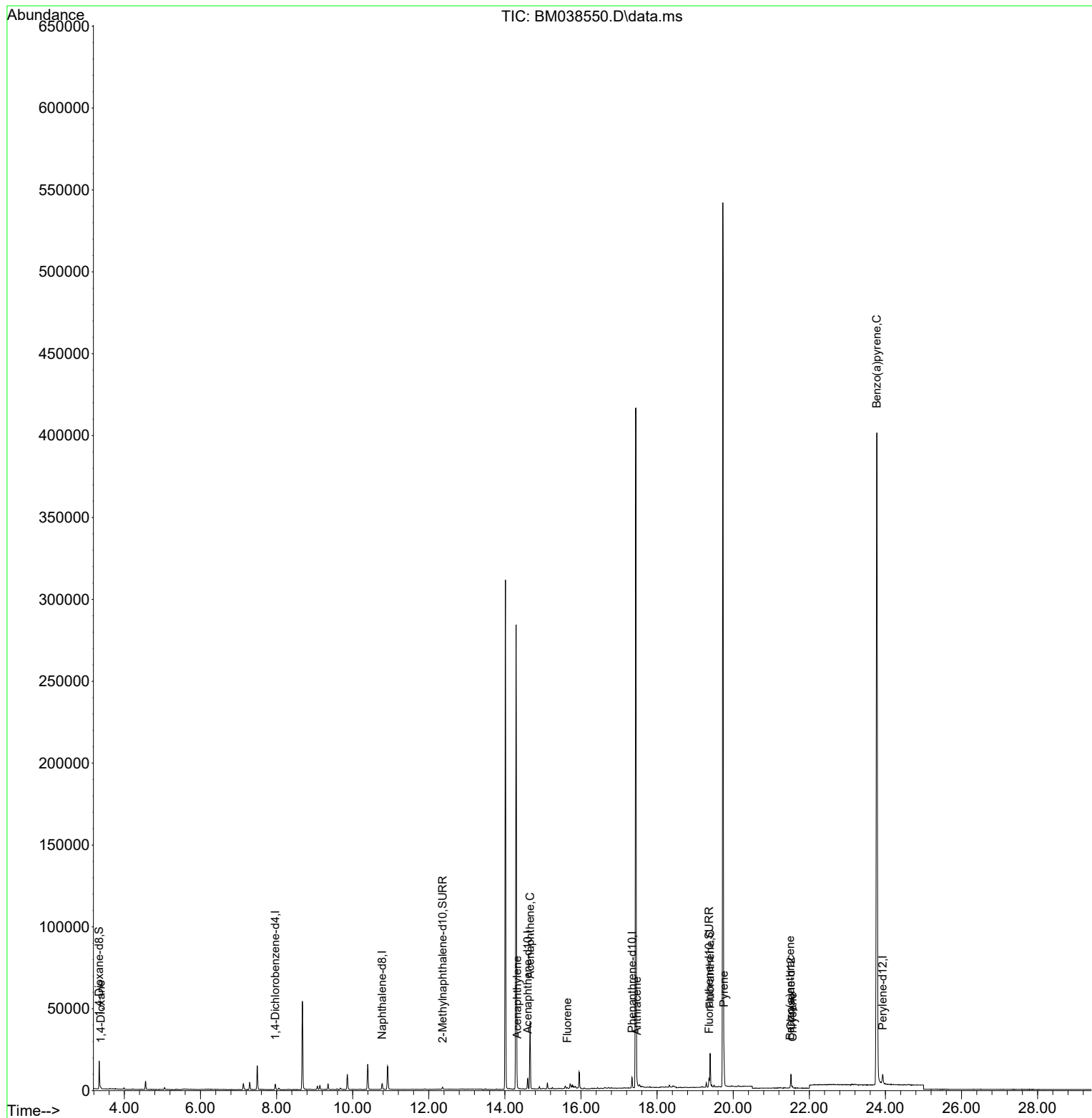
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	1660	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	5041	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	3491	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	7644	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.518	240	7581	0.400	ng/ul	# 0.00
23) Perylene-d12	23.927	264	8251	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	10563	4.846	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	1823	0.233	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	6074	0.281	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	518	0.234	ng/ul#	39
10) Acenaphthylene	14.324	152	496	0.032	ng/ul#	19
11) Acenaphthene	14.661	153	22889	1.951	ng/ul	98
12) Fluorene	15.642	166	318	0.022	ng/ul#	57
16) Anthracene	17.472	178	1294	0.061	ng/ul#	60
19) Fluoranthene	19.394	202	17740	0.656	ng/ul	97
20) Pyrene	19.757	202	15131	0.520	ng/ul#	94
21) Benzo(a)anthracene	21.501	228	1098	0.041	ng/ul#	62
22) Chrysene	21.556	228	1235	0.046	ng/ul#	55
26) Benzo(a)pyrene	23.772	252	1785	0.064	ng/ul#	31

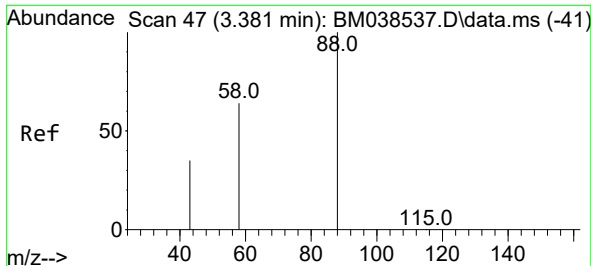
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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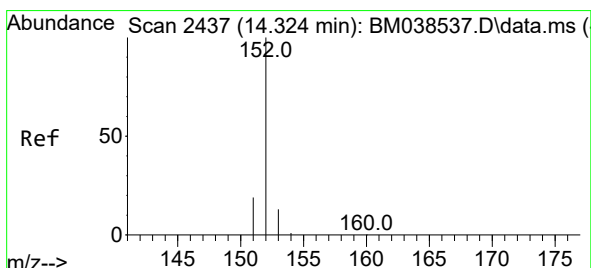
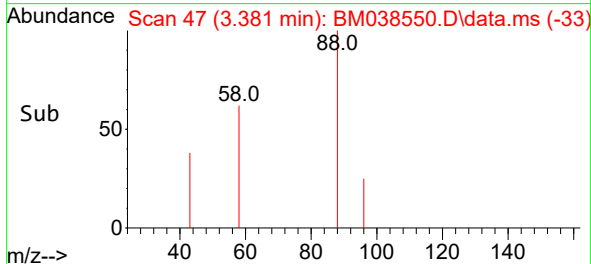
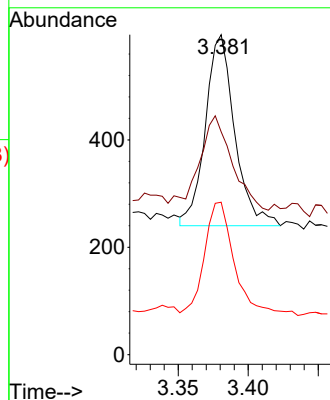
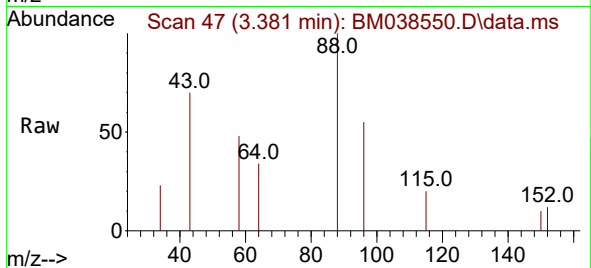




#2
1,4-Dioxane
Concen: 0.234 ng/ul
RT: 3.381 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM038550.D
Acq: 26 Jan 2023 15:40

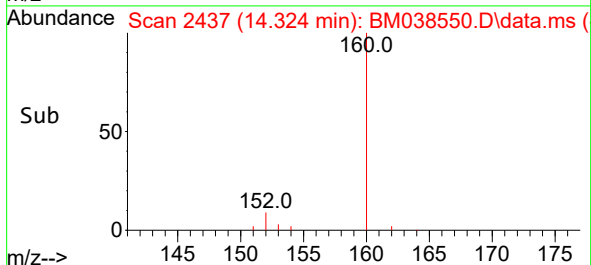
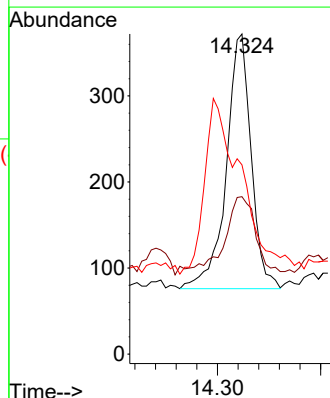
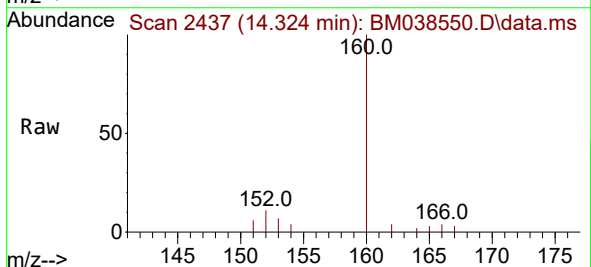
Instrument :
BNA_M
ClientSampleId :
EX9F8

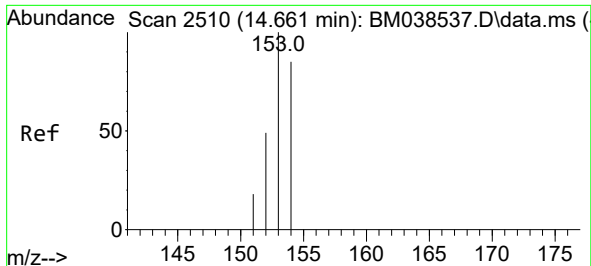
Tgt Ion: 88 Resp: 518
Ion Ratio Lower Upper
88 100
43 69.6 141.3 211.9#
58 47.7 45.7 68.5



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM038550.D
Acq: 26 Jan 2023 15:40

Tgt Ion: 152 Resp: 496
Ion Ratio Lower Upper
152 100
151 49.2 16.3 24.5#
153 59.1 11.8 17.6#

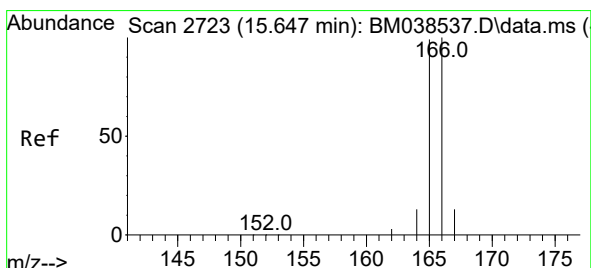
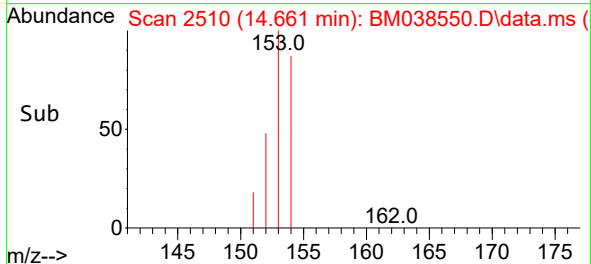
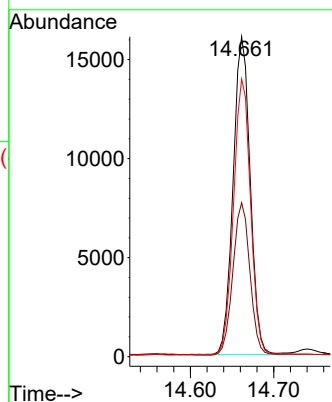
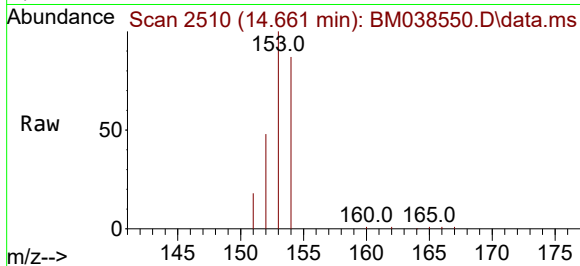




#11
Acenaphthene
Concen: 1.951 ng/ul
RT: 14.661 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038550.D
Acq: 26 Jan 2023 15:40

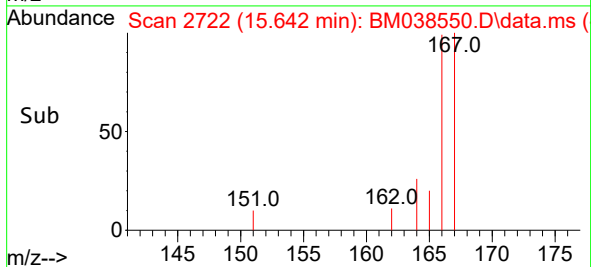
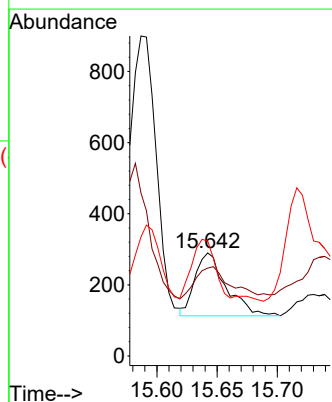
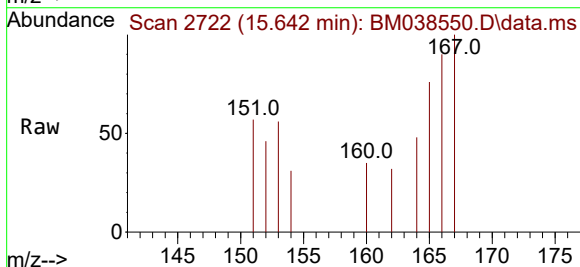
Instrument :
BNA_M
ClientSampleId :
EX9F8

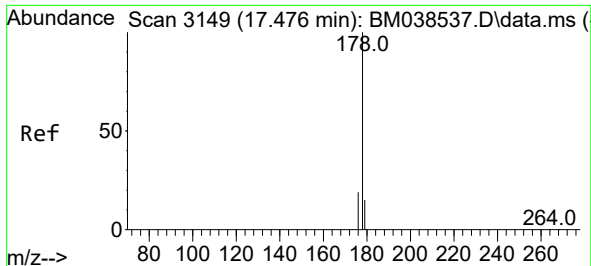
Tgt Ion:153 Resp: 22889
Ion Ratio Lower Upper
153 100
152 48.1 40.1 60.1
154 86.8 68.4 102.6



#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.642 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BM038550.D
Acq: 26 Jan 2023 15:40

Tgt Ion:166 Resp: 318
Ion Ratio Lower Upper
166 100
165 85.2 79.3 118.9
167 111.4 11.9 17.9#

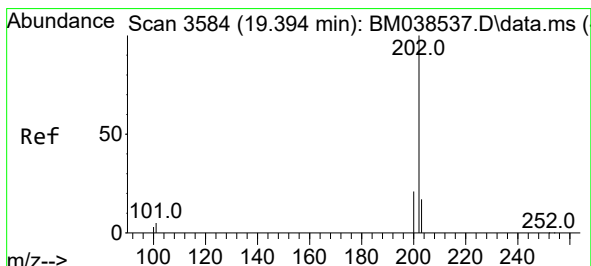
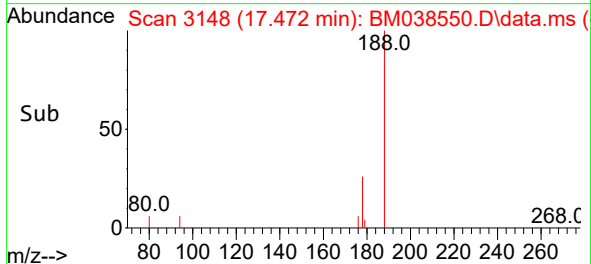
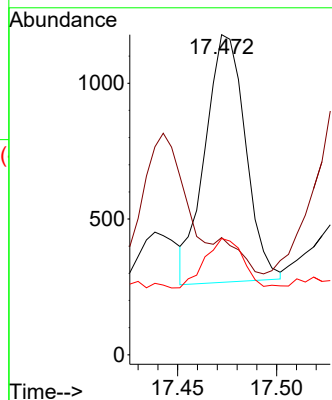
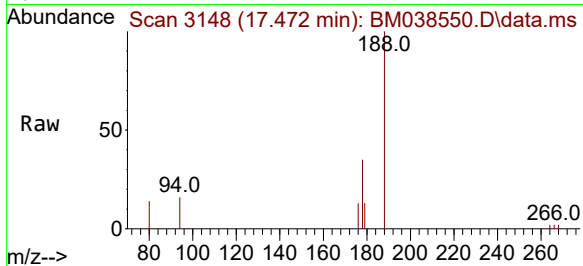




#16
 Anthracene
 Concen: 0.061 ng/ul
 RT: 17.472 min Scan# 3148
 Delta R.T. -0.004 min
 Lab File: BM038550.D
 Acq: 26 Jan 2023 15:40

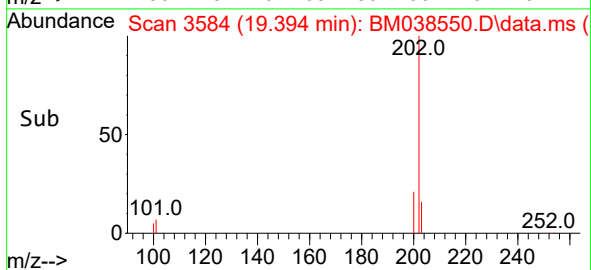
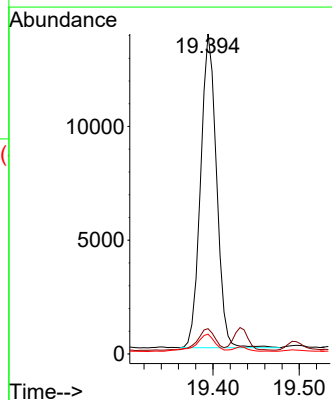
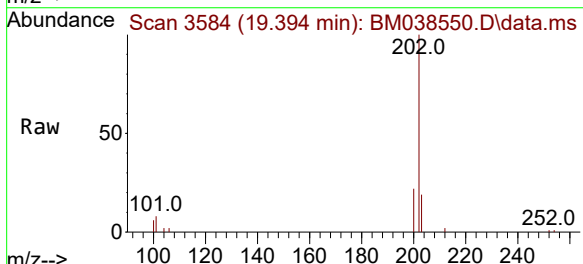
Instrument :
 BNA_M
 ClientSampleId :
 EX9F8

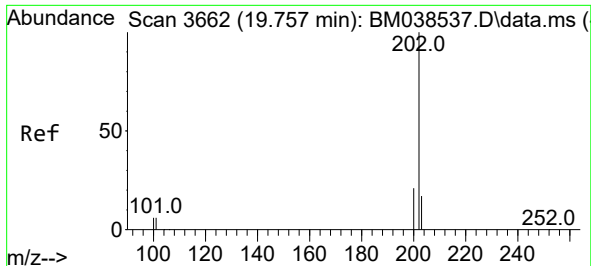
Tgt Ion:178 Resp: 1294
 Ion Ratio Lower Upper
 178 100
 179 36.6 13.2 19.8#
 176 36.3 16.2 24.4#



#19
 Fluoranthene
 Concen: 0.656 ng/ul
 RT: 19.394 min Scan# 3584
 Delta R.T. -0.000 min
 Lab File: BM038550.D
 Acq: 26 Jan 2023 15:40

Tgt Ion:202 Resp: 17740
 Ion Ratio Lower Upper
 202 100
 101 7.9 5.3 7.9
 100 6.2 4.2 6.2

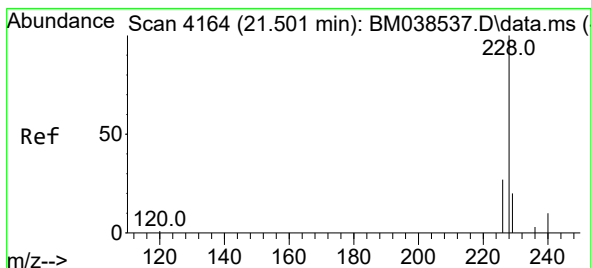
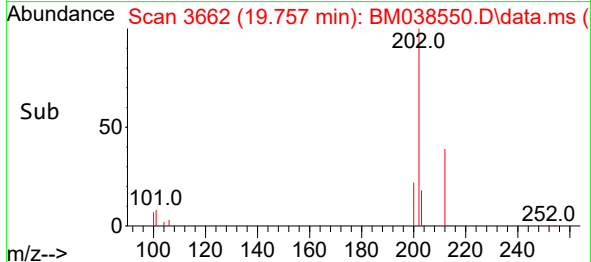
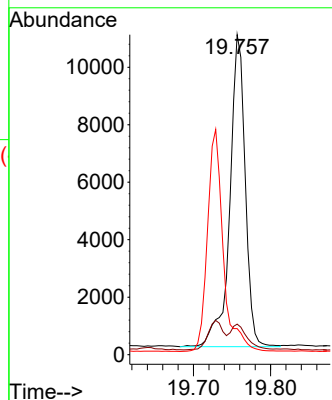
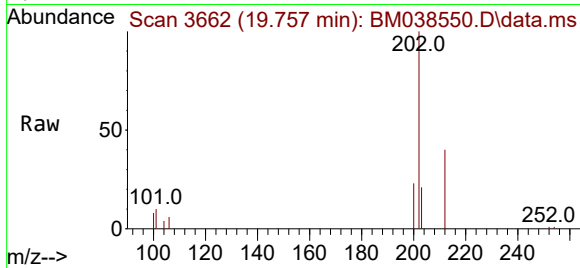




#20
Pyrene
Concen: 0.520 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM038550.D
Acq: 26 Jan 2023 15:40

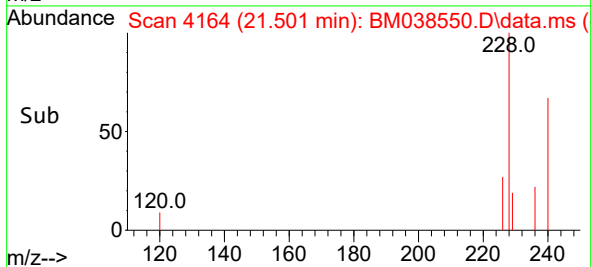
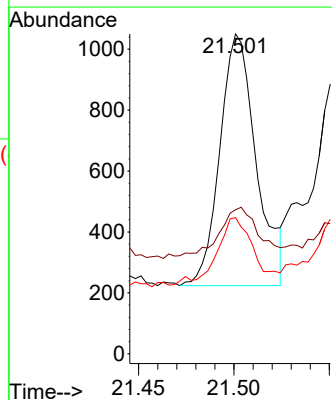
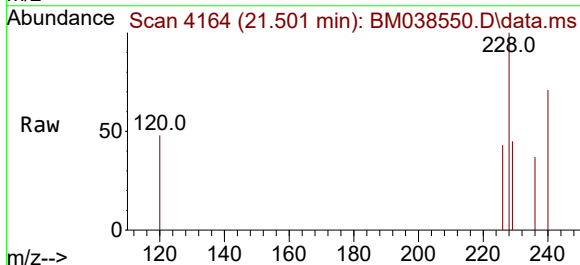
Instrument :
BNA_M
ClientSampleId :
EX9F8

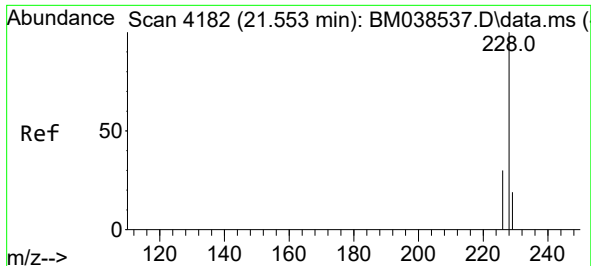
Tgt Ion:202 Resp: 15131
Ion Ratio Lower Upper
202 100
101 9.6 5.9 8.9#
100 8.2 5.2 7.8#



#21
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. -0.000 min
Lab File: BM038550.D
Acq: 26 Jan 2023 15:40

Tgt Ion:228 Resp: 1098
Ion Ratio Lower Upper
228 100
229 45.0 16.7 25.1#
226 42.6 22.2 33.4#





#22

Chrysene

Concen: 0.046 ng/ul

RT: 21.556 min Scan# 4183

Delta R.T. 0.003 min

Lab File: BM038550.D

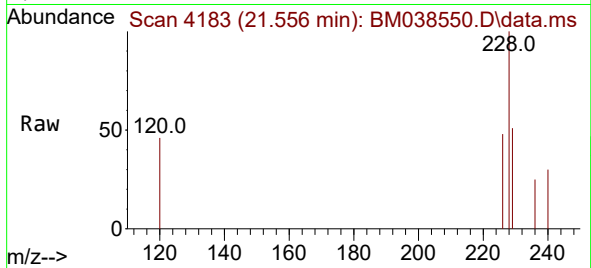
Acq: 26 Jan 2023 15:40

Instrument :

BNA_M

ClientSampleId :

EX9F8



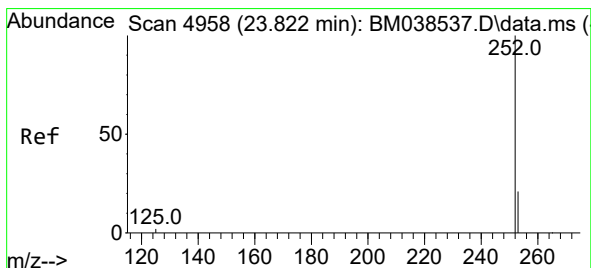
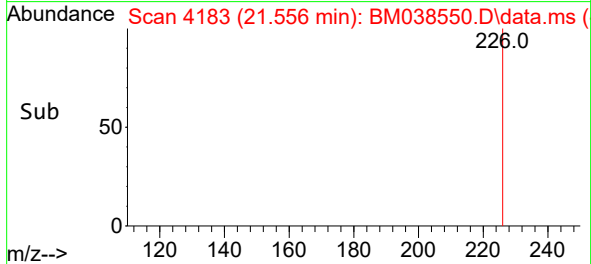
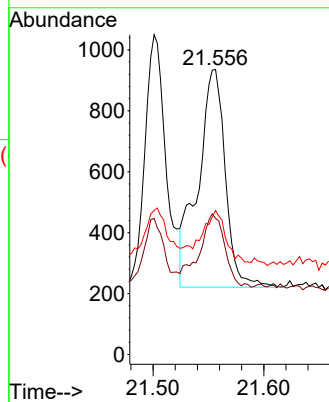
Tgt Ion:228 Resp: 1235

Ion Ratio Lower Upper

228 100

226 47.8 24.6 36.8#

229 50.5 16.2 24.4#



#26

Benzo(a)pyrene

Concen: 0.064 ng/ul

RT: 23.772 min Scan# 4941

Delta R.T. -0.050 min

Lab File: BM038550.D

Acq: 26 Jan 2023 15:40

Tgt Ion:252 Resp: 1785

Ion Ratio Lower Upper

252 100

253 66.4 25.1 37.7#

125 46.0 10.0 15.0#

