

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100923\
 Data File : BM042236.D
 Acq On : 09 Oct 2023 22:35
 Operator : MA/JU
 Sample : 04654-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBT4

Quant Time: Oct 10 00:02:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 23:59:28 2023
 Response via : Initial Calibration

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

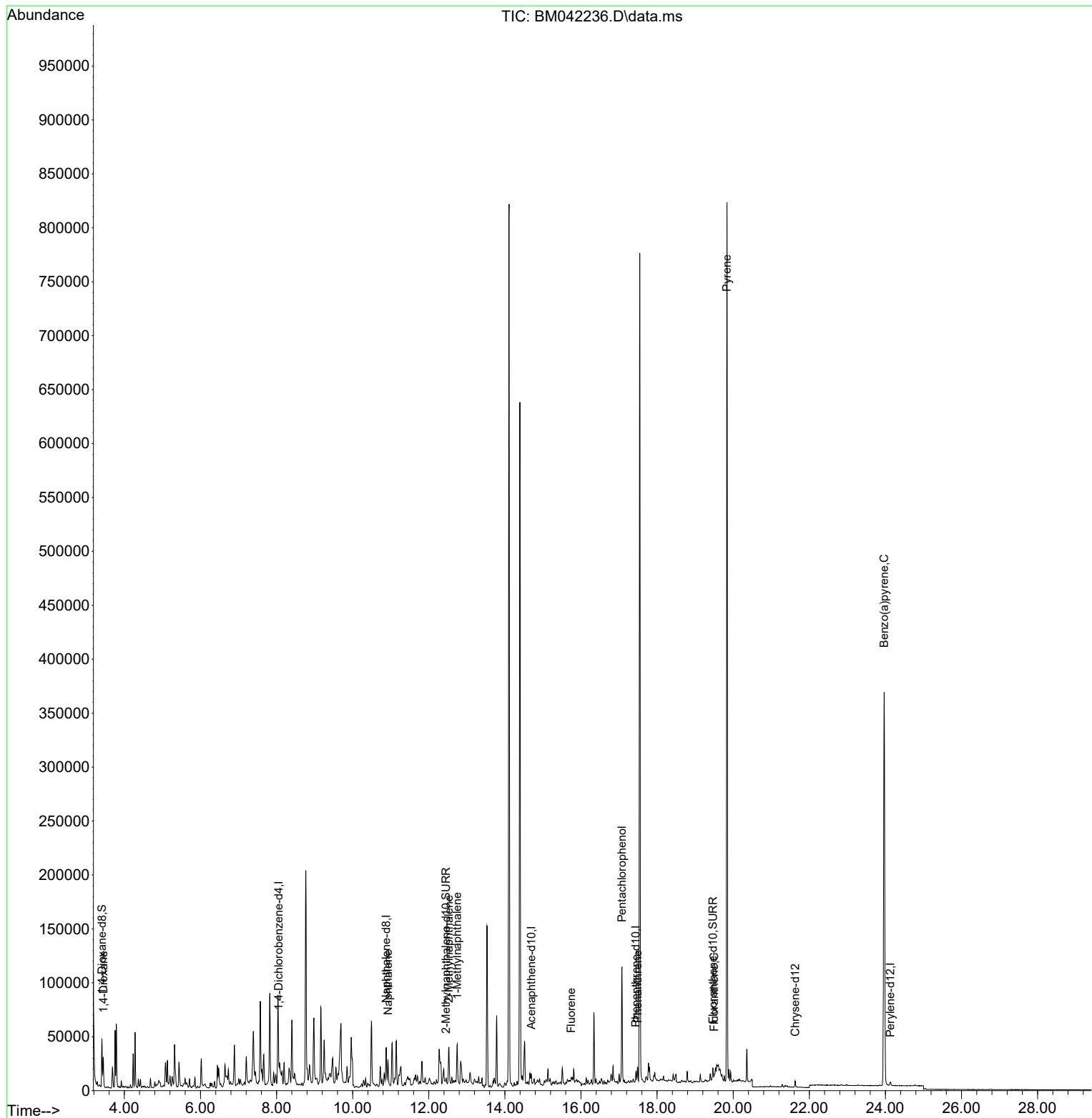
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4145	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.878	136	10910	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.694	164	9997	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.443	188	9724	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.629	240	4365	0.400	ng/ul	# 0.00
23) Perylene-d12	24.129	264	4914	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	22673	4.108	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	4873	0.326	ng/ul	0.00
18) Fluoranthene-d10	19.468	212	7585	0.463	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.448	88	12733	2.209	ng/ul#	74
5) Naphthalene	10.928	128	35244	0.968	ng/ul	100
7) 2-Methylnaphthalene	12.528	142	22148	1.016	ng/ul	96
8) 1-Methylnaphthalene	12.748	142	23670	1.078	ng/ul	93
12) Fluorene	15.739	166	4207	0.078	ng/ul#	80
14) Pentachlorophenol	17.075	266	65483	14.855	ng/ul	98
15) Phenanthrene	17.485	178	14205	0.354	ng/ul#	84
19) Fluoranthene	19.496	202	986	0.030	ng/ul#	1
20) Pyrene	19.836	202	2148	0.061	ng/ul#	1
26) Benzo(a)pyrene	23.968	252	3074	0.123	ng/ul#	46

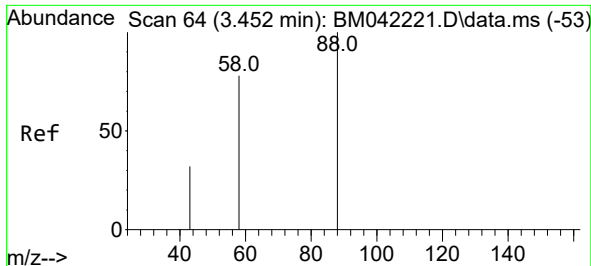
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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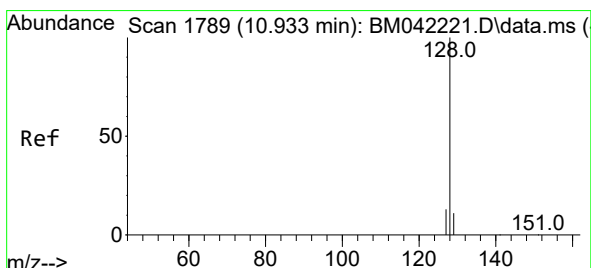
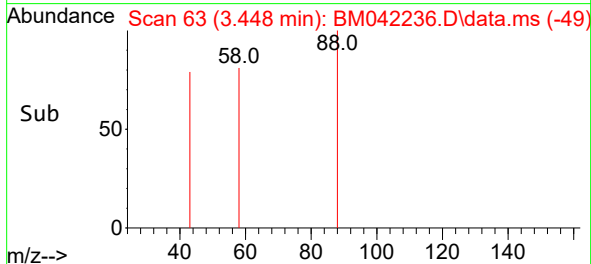
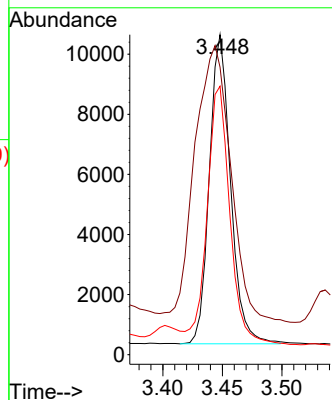
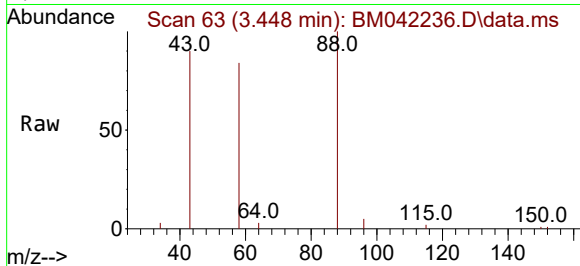




#2
1,4-Dioxane
Concen: 2.209 ng/ul
RT: 3.448 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042236.D
Acq: 09 Oct 2023 22:35

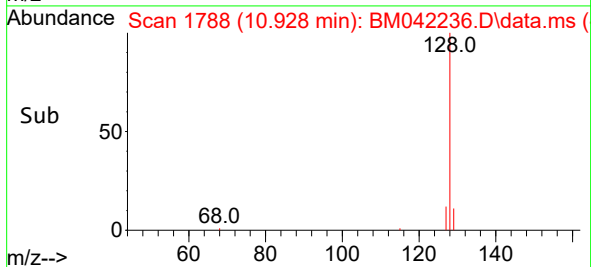
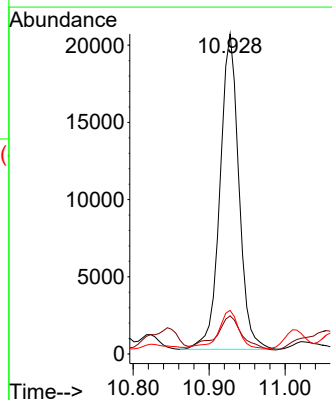
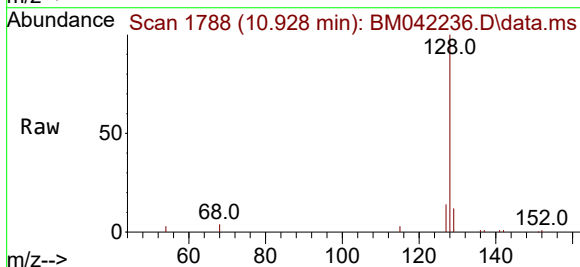
Instrument :
BNA_M
ClientSampleId :
BBBT4

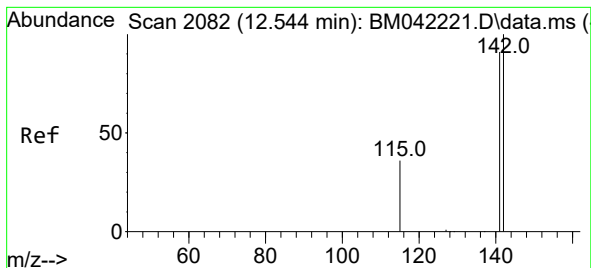
Tgt Ion: 88 Resp: 12733
Ion Ratio Lower Upper
88 100
43 89.9 52.1 78.1#
58 83.9 53.8 80.6#



#5
Naphthalene
Concen: 0.968 ng/ul
RT: 10.928 min Scan# 1788
Delta R.T. 0.005 min
Lab File: BM042236.D
Acq: 09 Oct 2023 22:35

Tgt Ion: 128 Resp: 35244
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.2
127 13.6 11.0 16.4

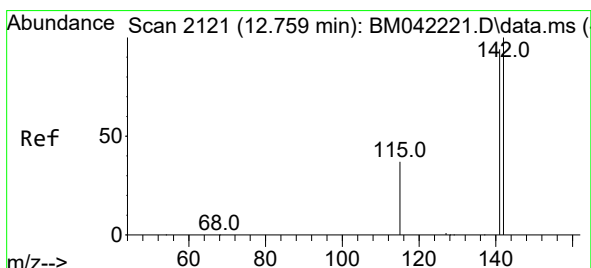
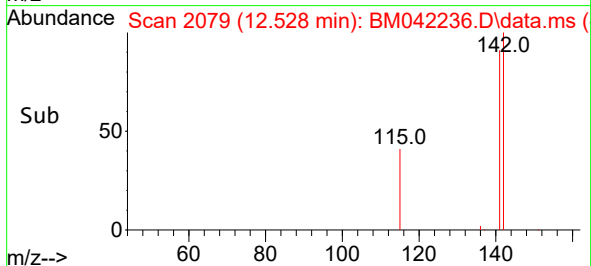
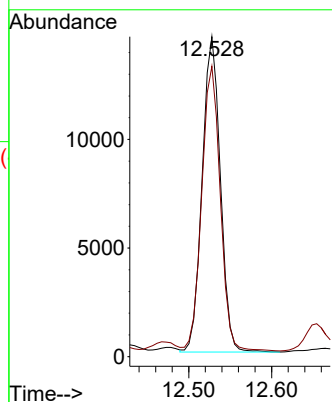
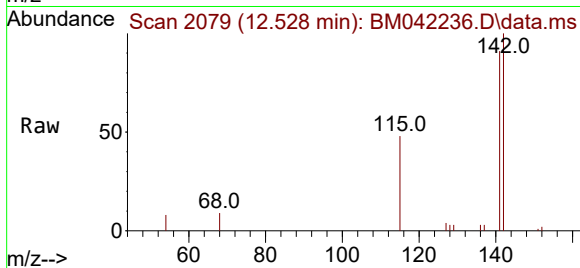




#7
2-Methylnaphthalene
Concen: 1.016 ng/ul
RT: 12.528 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM042236.D
Acq: 09 Oct 2023 22:35

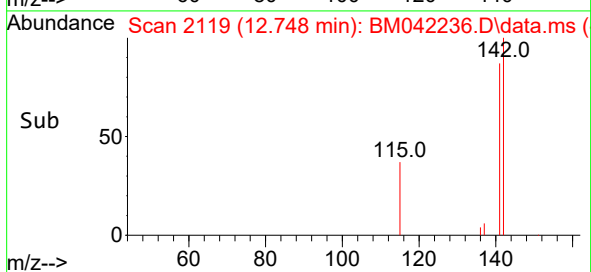
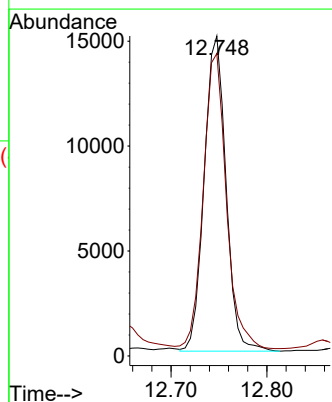
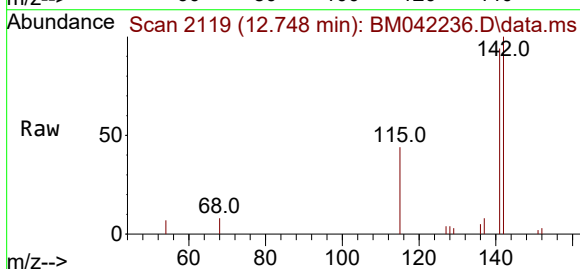
Instrument :
BNA_M
ClientSampleId :
BBBT4

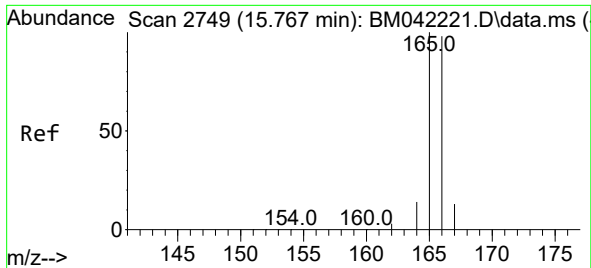
Tgt Ion:142 Resp: 22148
Ion Ratio Lower Upper
142 100
141 91.9 70.2 105.4



#8
1-Methylnaphthalene
Concen: 1.078 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM042236.D
Acq: 09 Oct 2023 22:35

Tgt Ion:142 Resp: 23670
Ion Ratio Lower Upper
142 100
141 98.9 73.5 110.3

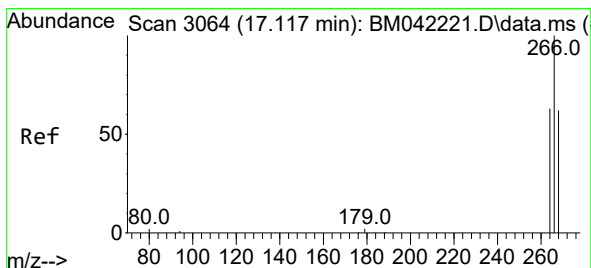
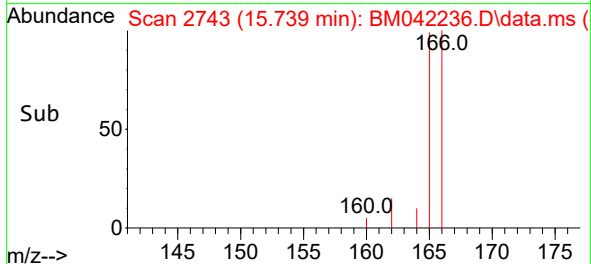
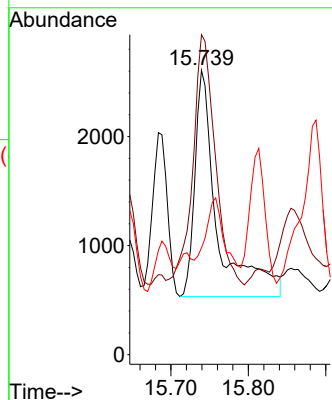
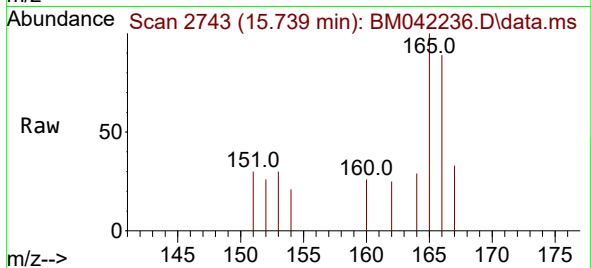




#12
 Fluorene
 Concen: 0.078 ng/ul
 RT: 15.739 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM042236.D
 Acq: 09 Oct 2023 22:35

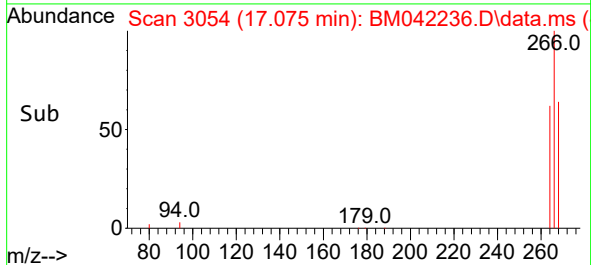
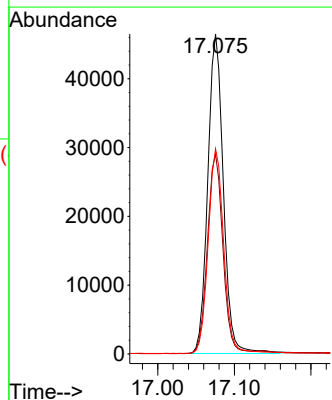
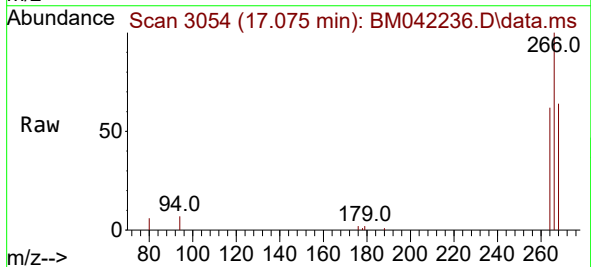
Instrument :
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 BBBT4

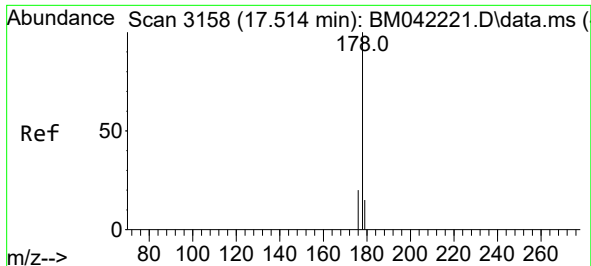
Tgt Ion:166 Resp: 4207
 Ion Ratio Lower Upper
 166 100
 165 112.5 78.4 117.6
 167 37.6 11.5 17.3#



#14
 Pentachlorophenol
 Concen: 14.855 ng/ul
 RT: 17.075 min Scan# 3054
 Delta R.T. -0.004 min
 Lab File: BM042236.D
 Acq: 09 Oct 2023 22:35

Tgt Ion:266 Resp: 65483
 Ion Ratio Lower Upper
 266 100
 264 62.2 51.1 76.7
 268 64.1 52.1 78.1

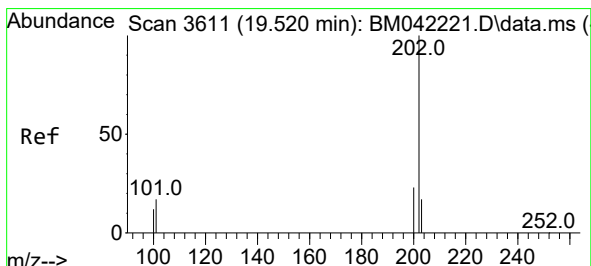
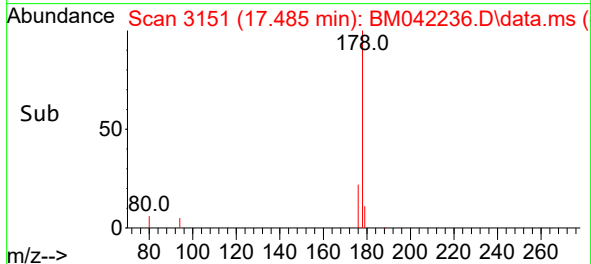
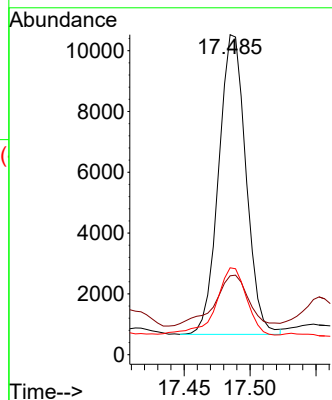
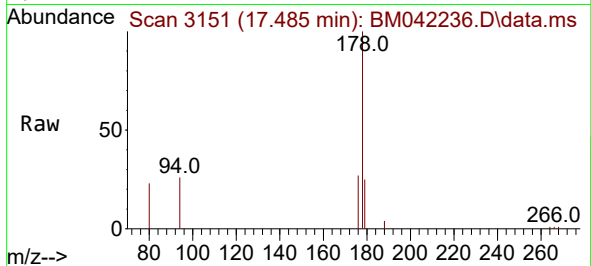




#15
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM042236.D
Acq: 09 Oct 2023 22:35

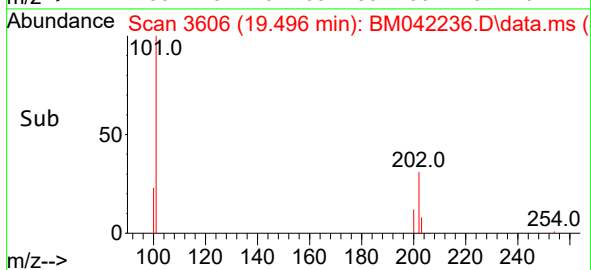
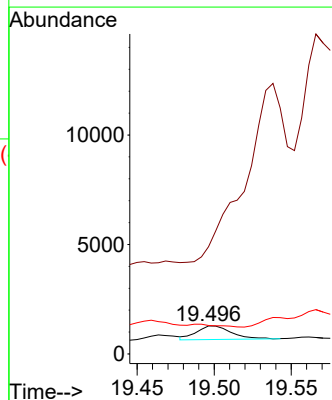
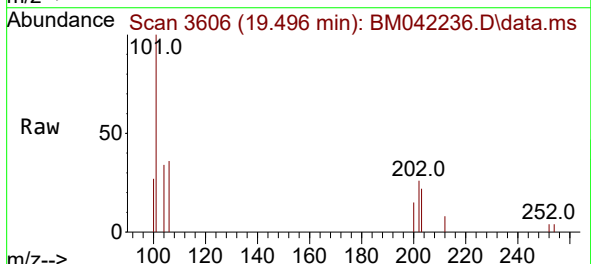
Instrument :
BNA_M
ClientSampleId :
BBBT4

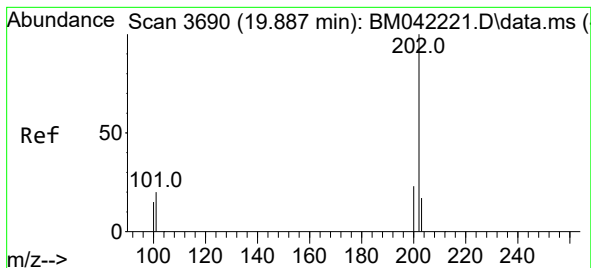
Tgt Ion:178 Resp: 14205
Ion Ratio Lower Upper
178 100
179 24.6 13.0 19.4#
176 27.2 16.8 25.2#



#19
Fluoranthene
Concen: 0.030 ng/ul
RT: 19.496 min Scan# 3606
Delta R.T. -0.005 min
Lab File: BM042236.D
Acq: 09 Oct 2023 22:35

Tgt Ion:202 Resp: 986
Ion Ratio Lower Upper
202 100
101 382.8 11.1 16.7#
100 101.6 8.2 12.2#





#20

Pyrene

Concen: 0.061 ng/ul

RT: 19.836 min Scan# 3

Delta R.T. -0.033 min

Lab File: BM042236.D

Acq: 09 Oct 2023 22:35

Instrument :

BNA_M

ClientSampleId :

BBBT4

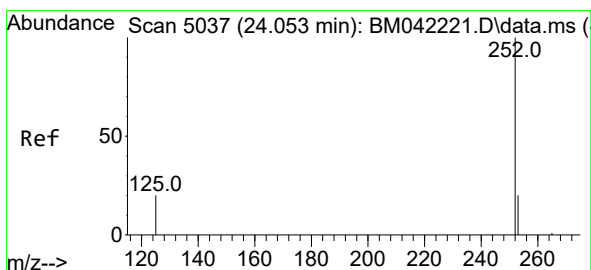
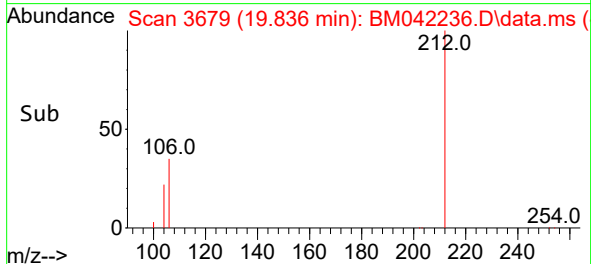
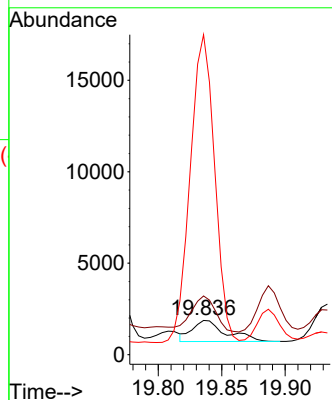
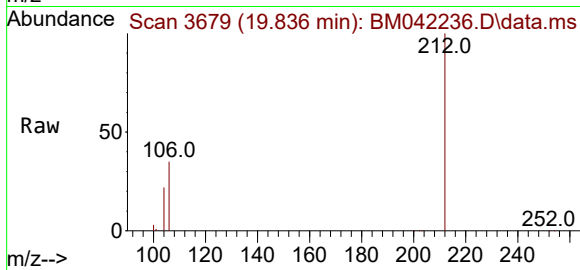
Tgt Ion:202 Resp: 2148

Ion Ratio Lower Upper

202 100

101 171.5 12.7 19.1#

100 933.1 9.9 14.9#



#26

Benzo(a)pyrene

Concen: 0.123 ng/ul

RT: 23.968 min Scan# 5008

Delta R.T. -0.059 min

Lab File: BM042236.D

Acq: 09 Oct 2023 22:35

Tgt Ion:252 Resp: 3074

Ion Ratio Lower Upper

252 100

253 61.5 25.3 37.9#

125 58.2 23.2 34.8#

