

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM041990.D
 Acq On : 22 Sep 2023 17:00
 Operator : MA/JU
 Sample : 04378-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHY9

Quant Time: Sep 22 18:23:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

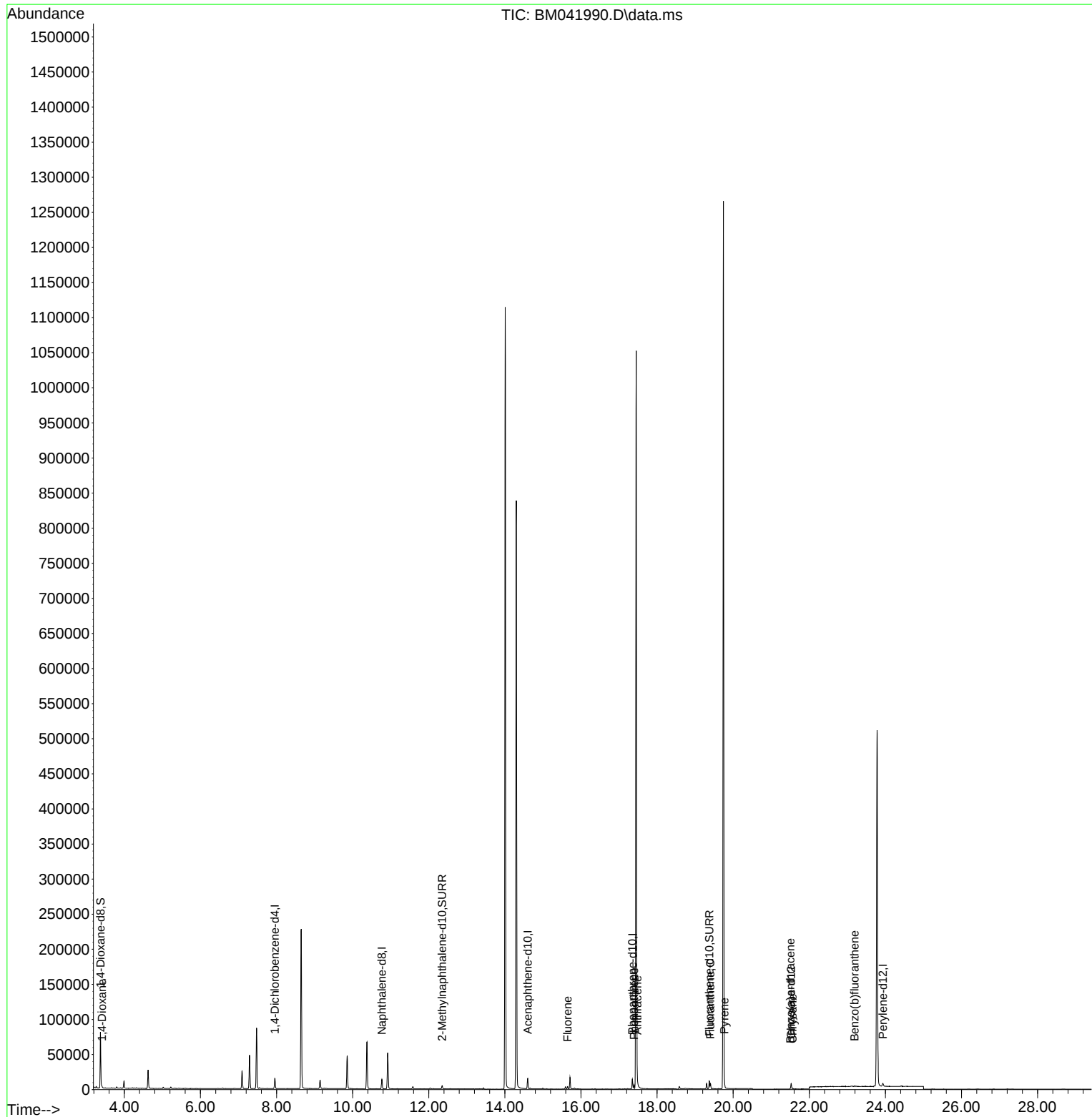
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	7311	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	17052	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	7665	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	14117	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	5746	0.400	ng/ul	0.00
23) Perylene-d12	23.936	264	6086	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	42313	4.247	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	5943	0.278	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	9260	0.391	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	835	0.080	ng/ul#	72
12) Fluorene	15.647	166	2004	0.045	ng/ul#	97
15) Phenanthrene	17.392	178	6457	0.099	ng/ul	96
16) Anthracene	17.485	178	2004	0.035	ng/ul#	85
19) Fluoranthene	19.403	202	6192	0.095	ng/ul	98
20) Pyrene	19.771	202	4243	0.066	ng/ul#	93
21) Benzo(a)anthracene	21.507	228	1056	0.024	ng/ul#	79
22) Chrysene	21.562	228	1110	0.025	ng/ul#	86
24) Benzo(b)fluoranthene	23.190	252	1068	0.023	ng/ul#	1

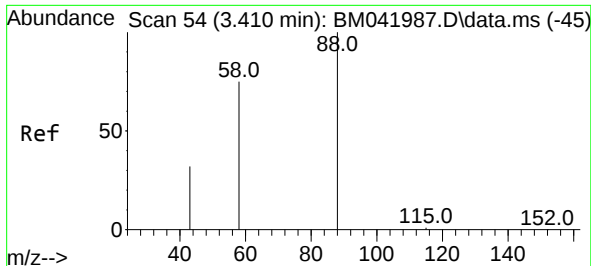
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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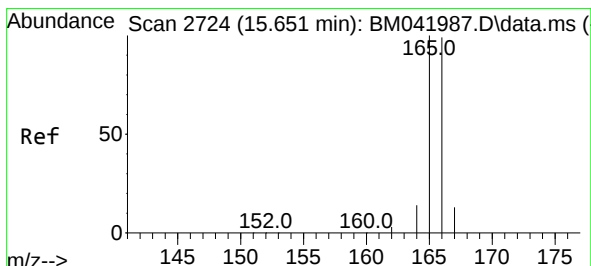
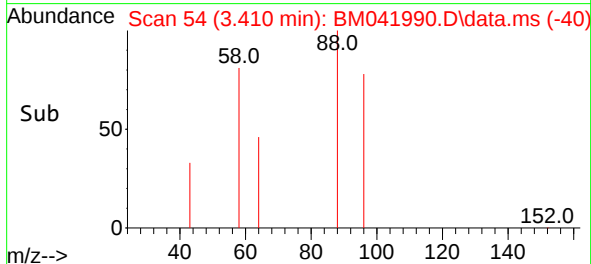
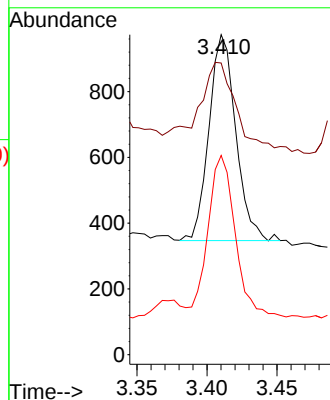
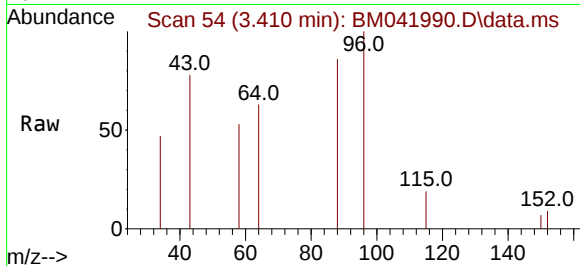




#2
1,4-Dioxane
Concen: 0.080 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. 0.000 min
Lab File: BM041990.D
Acq: 22 Sep 2023 17:00

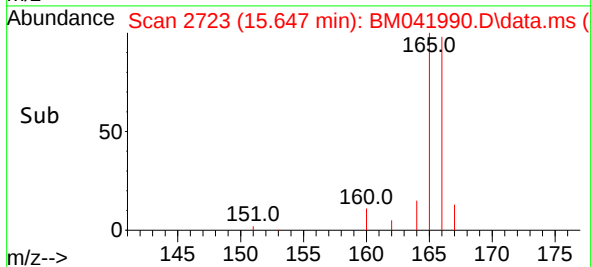
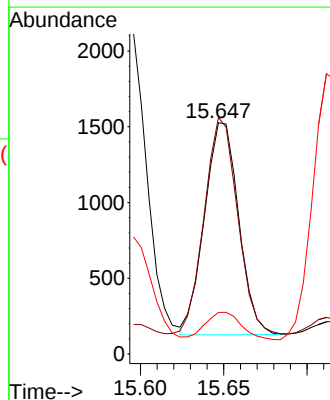
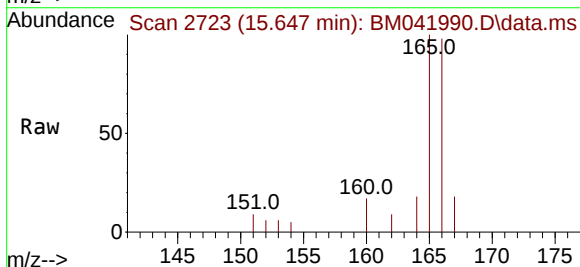
Instrument :
BNA_M
ClientSampleId :
BBHY9

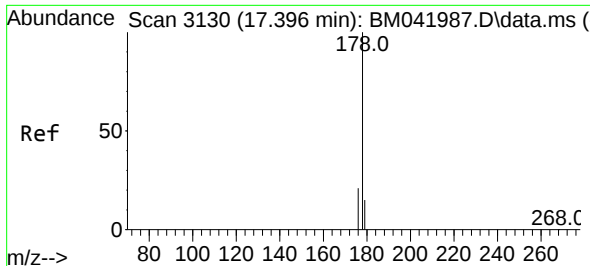
Tgt Ion: 88 Resp: 835
Ion Ratio Lower Upper
88 100
43 91.2 42.9 64.3#
58 62.3 56.4 84.6



#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.647 min Scan# 2723
Delta R.T. -0.005 min
Lab File: BM041990.D
Acq: 22 Sep 2023 17:00

Tgt Ion: 166 Resp: 2004
Ion Ratio Lower Upper
166 100
165 102.3 79.8 119.8
167 18.0 11.1 16.7#

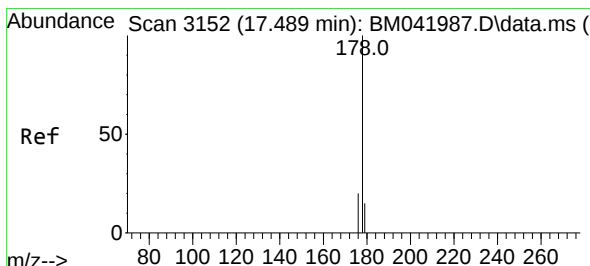
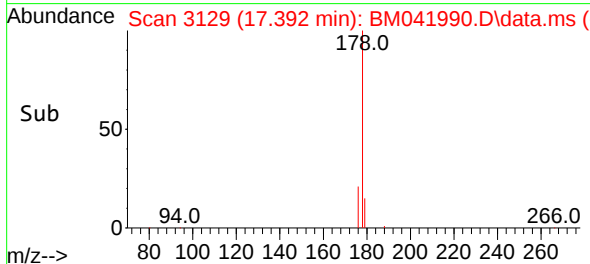
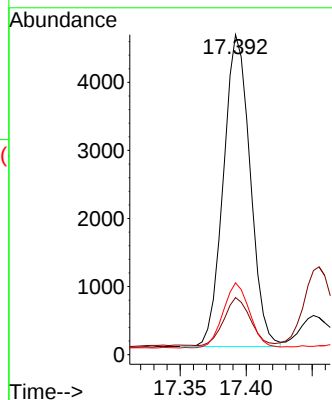
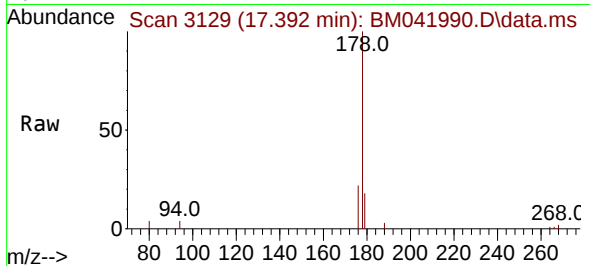




#15
Phenanthrene
Concen: 0.099 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM041990.D
Acq: 22 Sep 2023 17:00

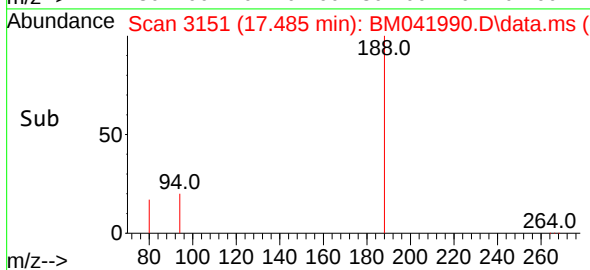
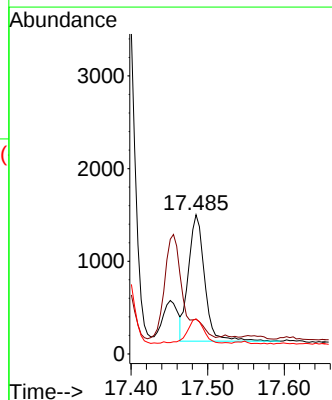
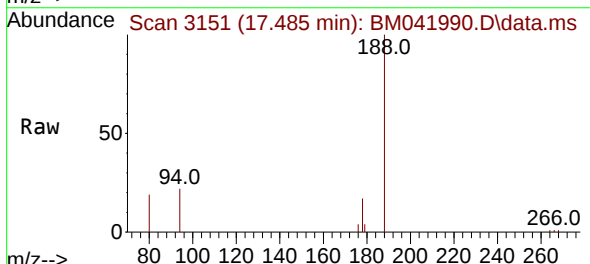
Instrument :
BNA_M
ClientSampleId :
BBHY9

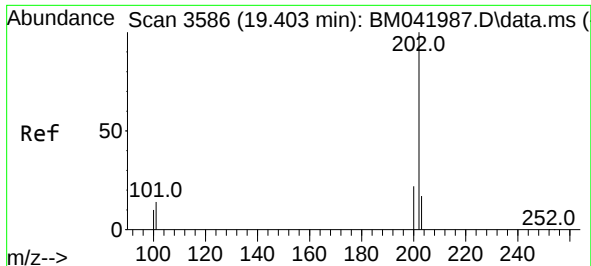
Tgt Ion:	178	Resp:	6457
Ion Ratio	Lower	Upper	
178	100		
179	17.9	12.7	19.1
176	22.4	16.6	24.8



#16
Anthracene
Concen: 0.035 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM041990.D
Acq: 22 Sep 2023 17:00

Tgt Ion:	178	Resp:	2004
Ion Ratio	Lower	Upper	
178	100		
179	24.9	12.9	19.3#
176	25.2	16.2	24.2#

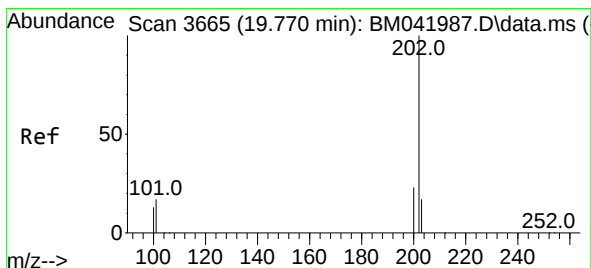
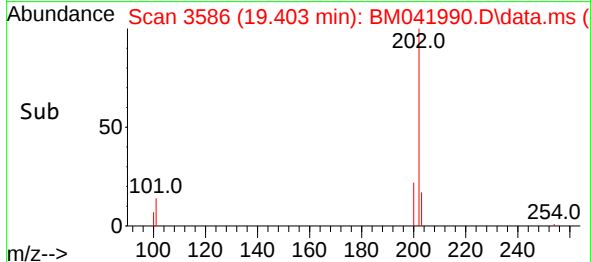
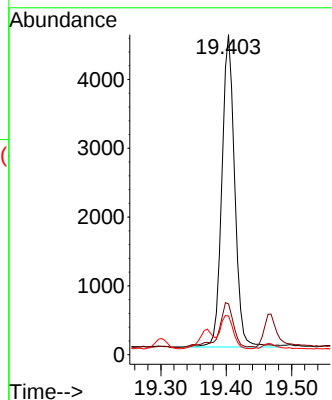
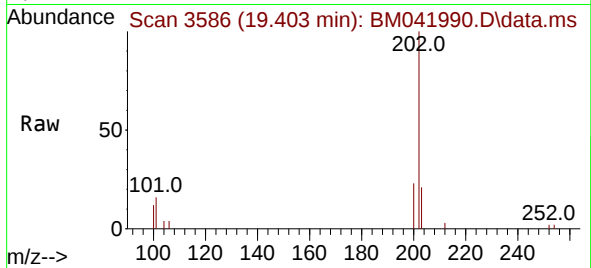




#19
Fluoranthene
Concen: 0.095 ng/ul
RT: 19.403 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BM041990.D
Acq: 22 Sep 2023 17:00

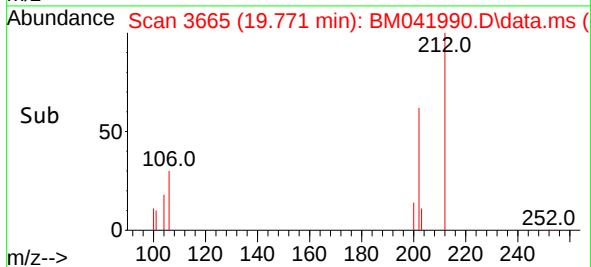
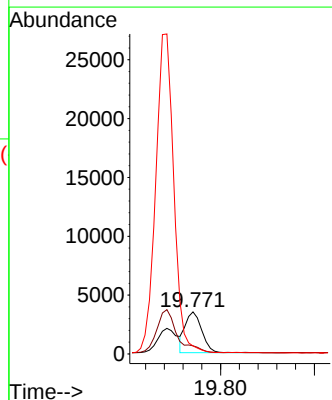
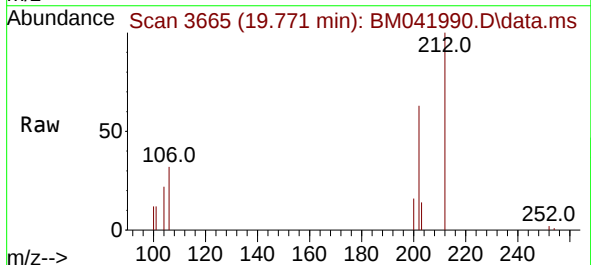
Instrument :
BNA_M
ClientSampleId :
BBHY9

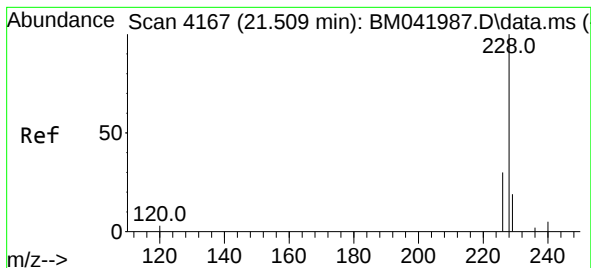
Tgt Ion:202 Resp: 6192
Ion Ratio Lower Upper
202 100
101 15.9 11.8 17.6
100 12.1 9.1 13.7



#20
Pyrene
Concen: 0.066 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BM041990.D
Acq: 22 Sep 2023 17:00

Tgt Ion:202 Resp: 4243
Ion Ratio Lower Upper
202 100
101 19.4 14.1 21.1
100 18.9 11.4 17.0#





#21

Benzo(a)anthracene

Concen: 0.024 ng/ul

RT: 21.507 min Scan# 4166

Delta R.T. 0.000 min

Lab File: BM041990.D

Acq: 22 Sep 2023 17:00

Instrument :

BNA_M

ClientSampleId :

BBHY9

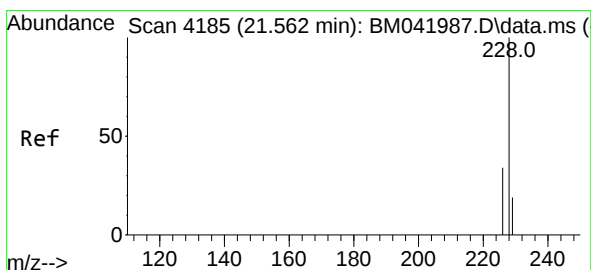
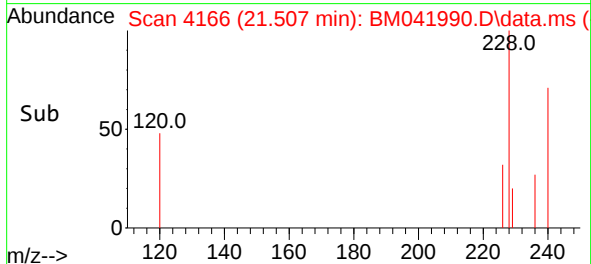
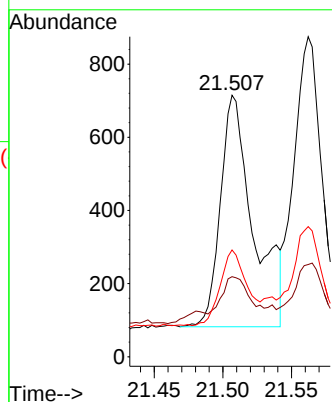
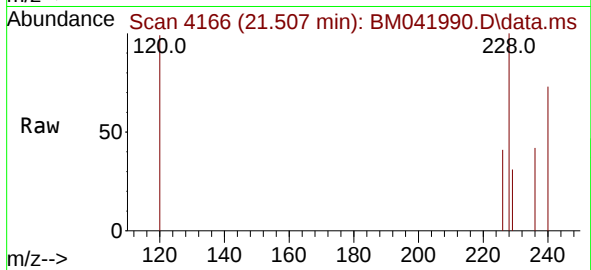
Tgt Ion:228 Resp: 1056

Ion Ratio Lower Upper

228 100

229 30.6 15.5 23.3#

226 40.8 24.8 37.2#



#22

Chrysene

Concen: 0.025 ng/ul

RT: 21.562 min Scan# 4185

Delta R.T. 0.000 min

Lab File: BM041990.D

Acq: 22 Sep 2023 17:00

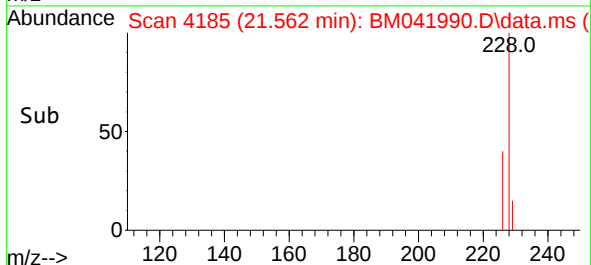
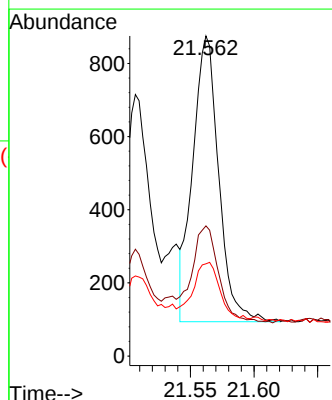
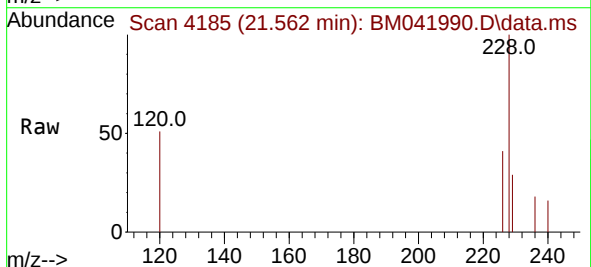
Tgt Ion:228 Resp: 1110

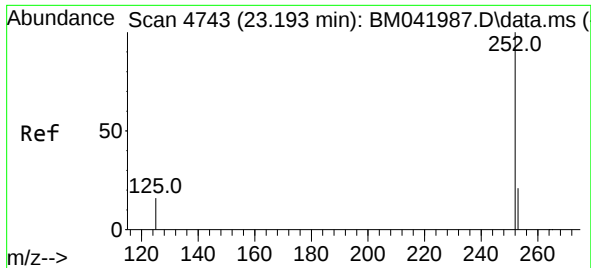
Ion Ratio Lower Upper

228 100

226 40.7 27.8 41.6

229 28.8 15.6 23.4#





#24

Benzo(b)fluoranthene

Concen: 0.023 ng/ul

RT: 23.190 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM041990.D

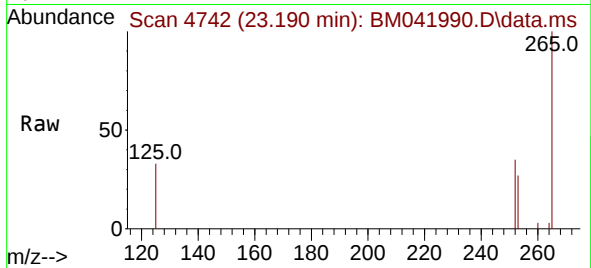
Acq: 22 Sep 2023 17:00

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:252 Resp: 1068

Ion Ratio Lower Upper

252 100

253 77.2 0.0 54.4#

125 94.3 0.0 46.2#

