

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM041993.D
 Acq On : 22 Sep 2023 18:50
 Operator : MA/JU
 Sample : 04378-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHX6

Quant Time: Sep 23 02:39:43 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)

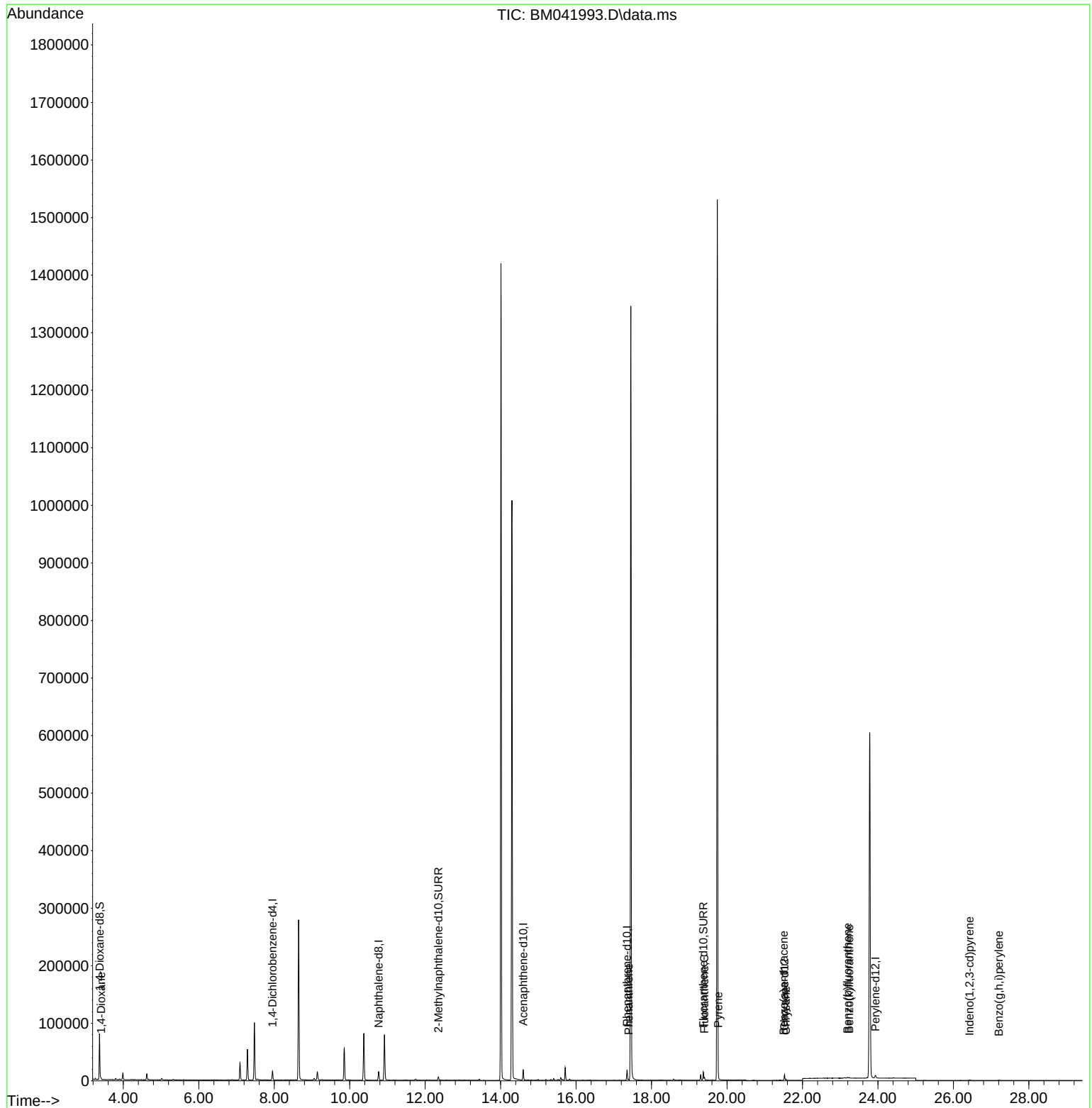
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	7524	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	18771	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	9232	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	17179	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	6845	0.400	ng/ul	0.00
23) Perylene-d12	23.936	264	6847	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	42618	4.157	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	7088	0.302	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	11606	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	1159	0.107	ng/ul#	80
15) Phenanthrene	17.392	178	1791	0.022	ng/ul#	85
19) Fluoranthene	19.403	202	4004	0.052	ng/ul	95
20) Pyrene	19.771	202	3144	0.041	ng/ul#	88
21) Benzo(a)anthracene	21.507	228	1678	0.032	ng/ul#	86
22) Chrysene	21.562	228	1673	0.031	ng/ul#	89
24) Benzo(b)fluoranthene	23.193	252	2247	0.043	ng/ul#	28
25) Benzo(k)fluoranthene	23.240	252	1256	0.025	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.428	276	1216	0.020	ng/ul#	93
29) Benzo(g,h,i)perylene	27.206	276	1130	0.023	ng/ul#	62

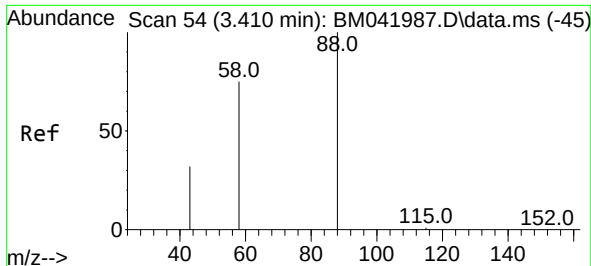
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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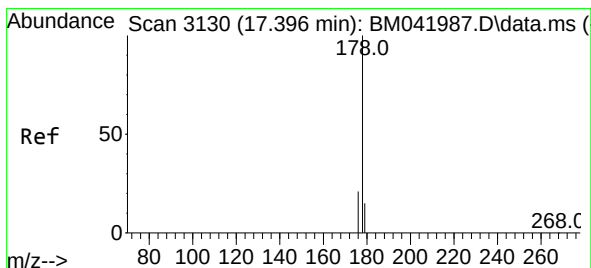
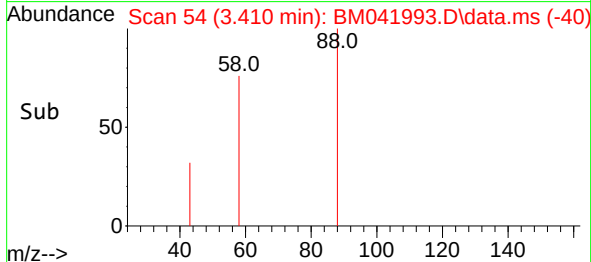
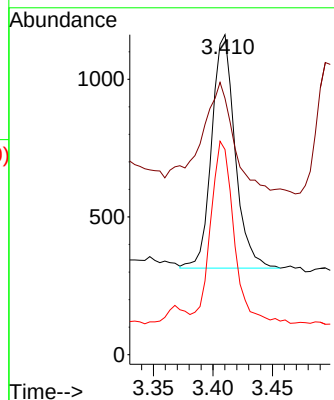
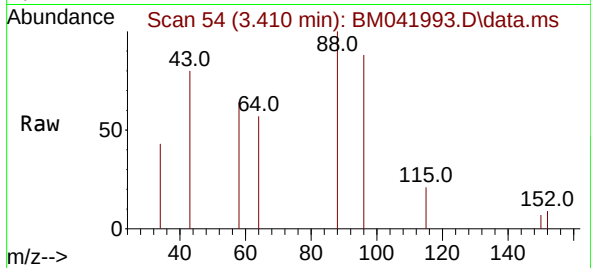




#2
1,4-Dioxane
Concen: 0.107 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. 0.000 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

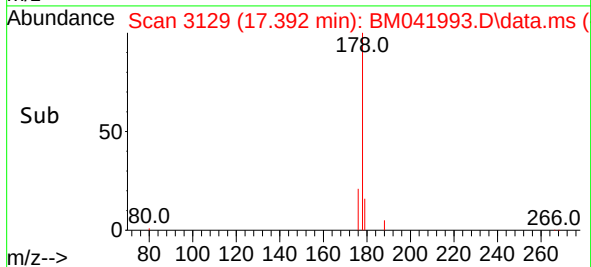
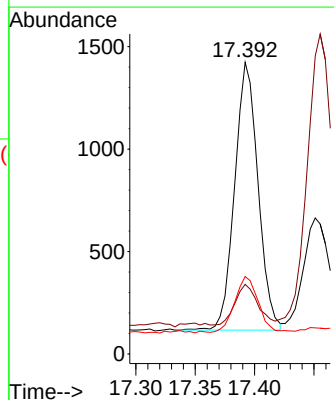
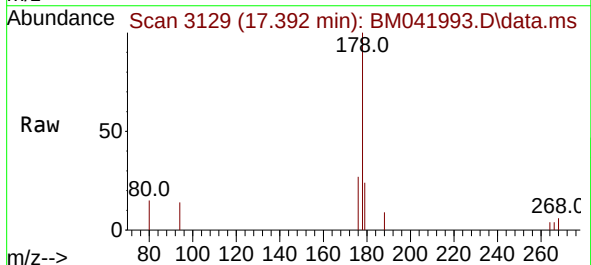
Instrument :
BNA_M
ClientSampleId :
BBHX6

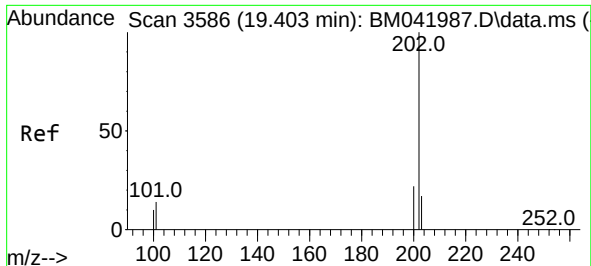
Tgt Ion: 88 Resp: 1159
Ion Ratio Lower Upper
88 100
43 80.1 42.9 64.3#
58 64.1 56.4 84.6



#15
Phenanthrene
Concen: 0.022 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

Tgt Ion: 178 Resp: 1791
Ion Ratio Lower Upper
178 100
179 23.9 12.7 19.1#
176 26.5 16.6 24.8#

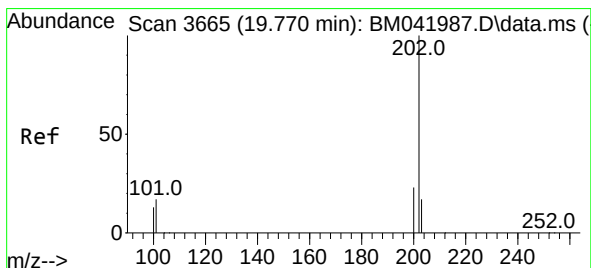
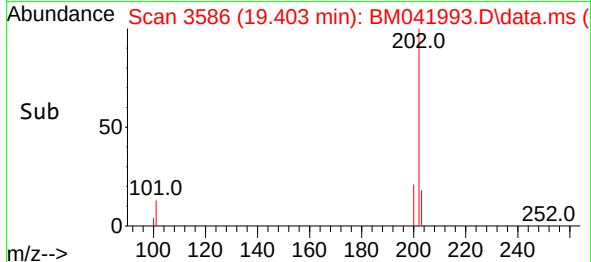
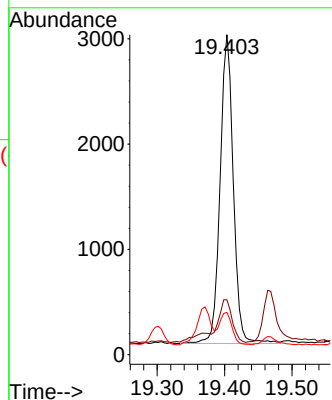
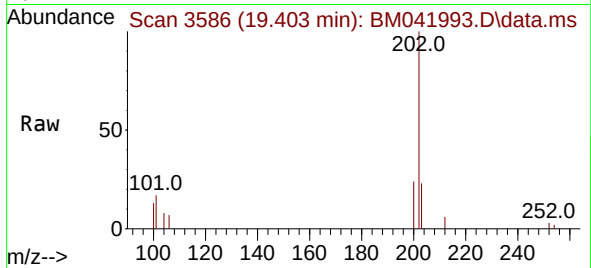




#19
Fluoranthene
Concen: 0.052 ng/u1
RT: 19.403 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

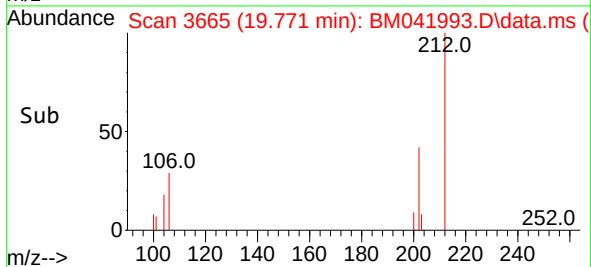
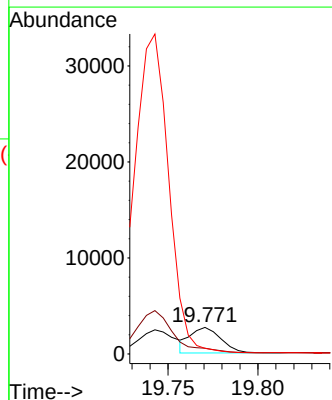
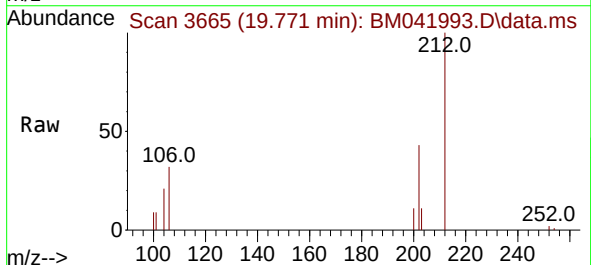
Instrument :
BNA_M
ClientSampleId :
BBHX6

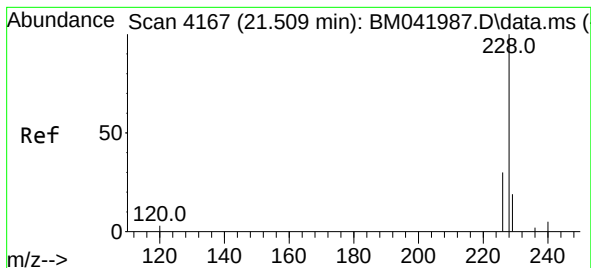
Tgt Ion:202 Resp: 4004
Ion Ratio Lower Upper
202 100
101 17.1 11.8 17.6
100 13.2 9.1 13.7



#20
Pyrene
Concen: 0.041 ng/u1
RT: 19.771 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

Tgt Ion:202 Resp: 3144
Ion Ratio Lower Upper
202 100
101 21.5 14.1 21.1#
100 20.8 11.4 17.0#





#21

Benzo(a)anthracene

Concen: 0.032 ng/uI

RT: 21.507 min Scan# 4167

Delta R.T. 0.000 min

Lab File: BM041993.D

Acq: 22 Sep 2023 18:50

Instrument :

BNA_M

ClientSampleId :

BBHX6

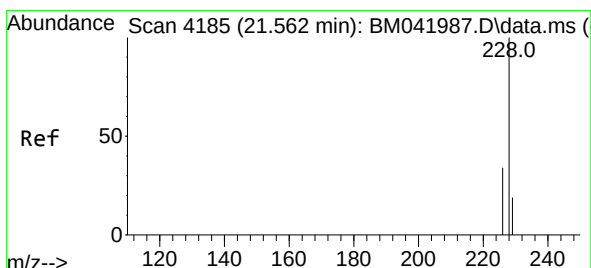
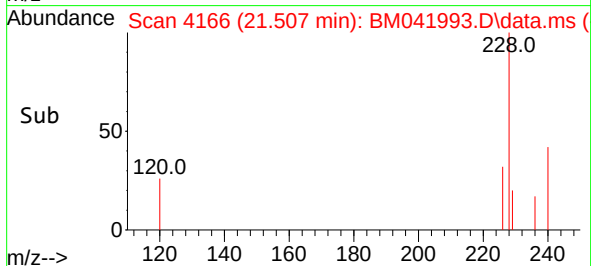
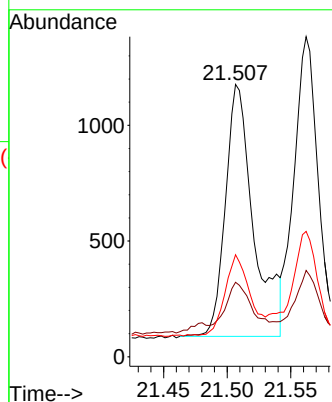
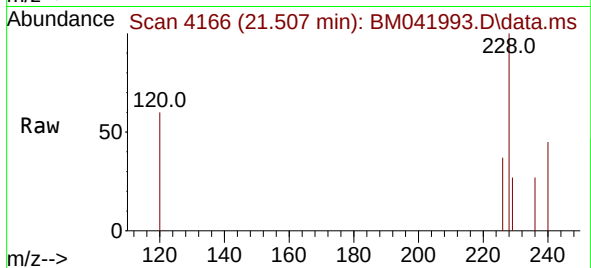
Tgt Ion:228 Resp: 1678

Ion Ratio Lower Upper

228 100

229 27.4 15.5 23.3#

226 37.5 24.8 37.2#



#22

Chrysene

Concen: 0.031 ng/uI

RT: 21.562 min Scan# 4185

Delta R.T. 0.000 min

Lab File: BM041993.D

Acq: 22 Sep 2023 18:50

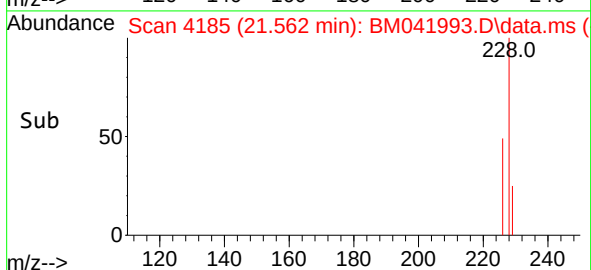
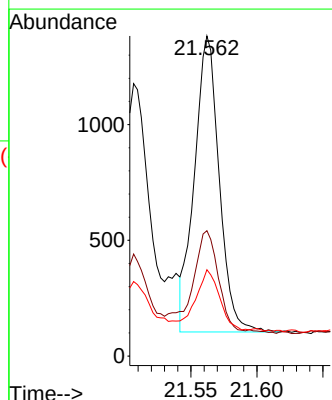
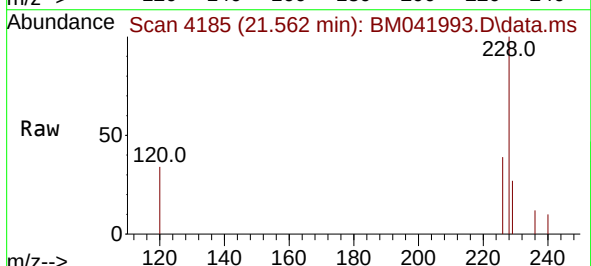
Tgt Ion:228 Resp: 1673

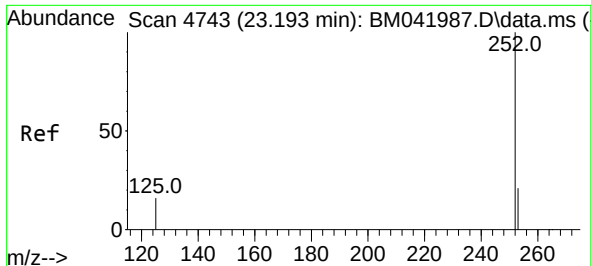
Ion Ratio Lower Upper

228 100

226 39.2 27.8 41.6

229 27.0 15.6 23.4#

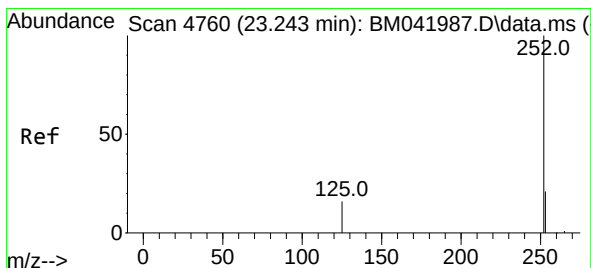
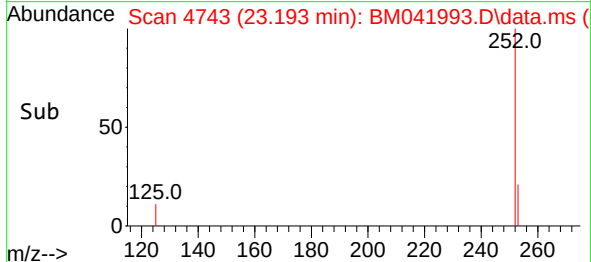
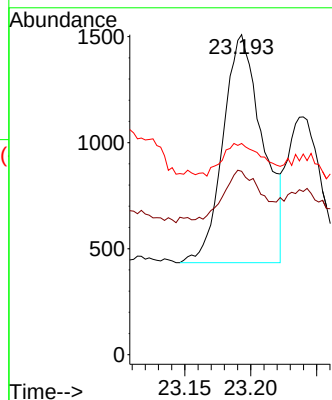
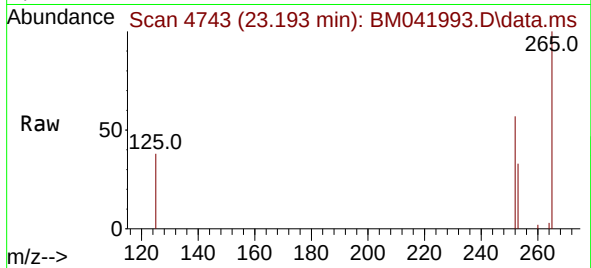




#24
Benzo(b)fluoranthene
Concen: 0.043 ng/ul
RT: 23.193 min Scan# 4743
Delta R.T. 0.003 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

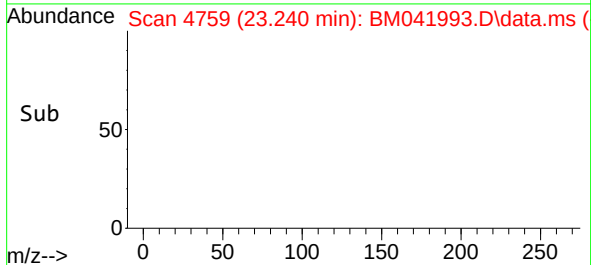
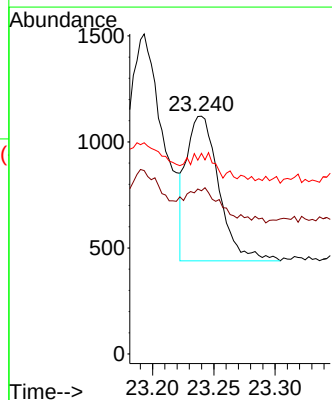
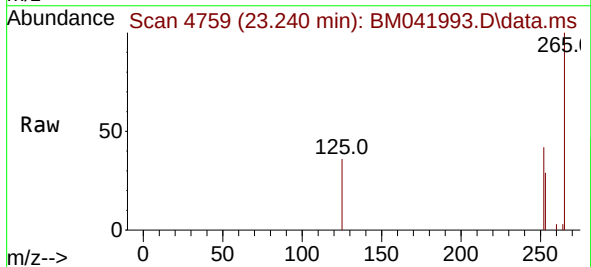
Instrument :
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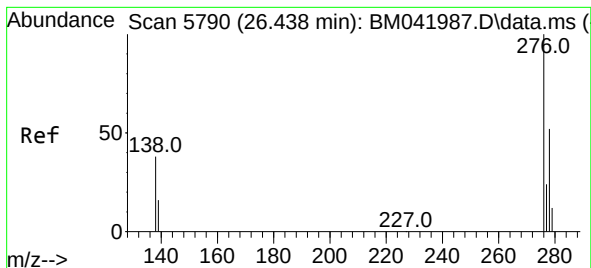
Tgt Ion:252 Resp: 2247
Ion Ratio Lower Upper
252 100
253 57.3 0.0 54.4#
125 66.0 0.0 46.2#



#25
Benzo(k)fluoranthene
Concen: 0.025 ng/ul
RT: 23.240 min Scan# 4759
Delta R.T. 0.000 min
Lab File: BM041993.D
Acq: 22 Sep 2023 18:50

Tgt Ion:252 Resp: 1256
Ion Ratio Lower Upper
252 100
253 68.7 21.0 31.6#
125 84.4 19.0 28.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.020 ng/ul

RT: 26.428 min Scan# 5787

Delta R.T. -0.003 min

Lab File: BM041993.D

Acq: 22 Sep 2023 18:50

Instrument :

BNA_M

ClientSampleId :

BBHX6

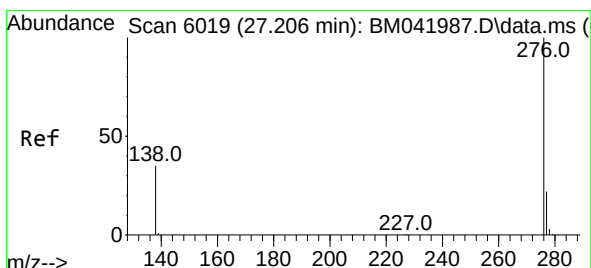
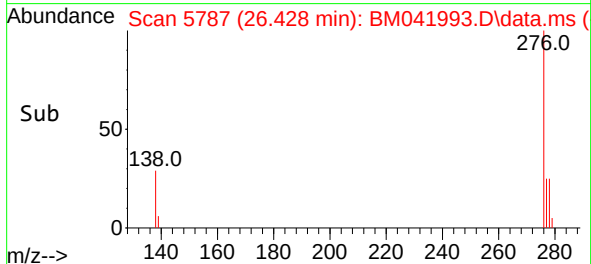
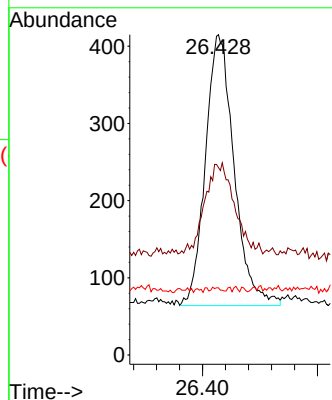
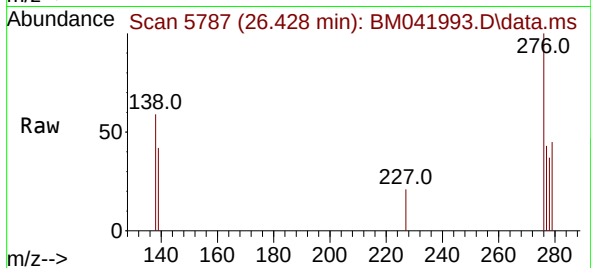
Tgt Ion:276 Resp: 1216

Ion Ratio Lower Upper

276 100

138 35.9 32.1 48.1

227 0.3 0.2 0.2#



#29

Benzo(g,h,i)perylene

Concen: 0.023 ng/ul

RT: 27.206 min Scan# 6019

Delta R.T. -0.003 min

Lab File: BM041993.D

Acq: 22 Sep 2023 18:50

Tgt Ion:276 Resp: 1130

Ion Ratio Lower Upper

276 100

138 60.6 29.0 43.4#

277 40.4 19.6 29.4#

