

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040689.D
 Acq On : 06 Jul 2023 22:49
 Operator : MA/JU
 Sample : 03257-10MSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXYY0MSD

Quant Time: Jul 07 00:56:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 09:30:35 2023
 Response via : Initial Calibration

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

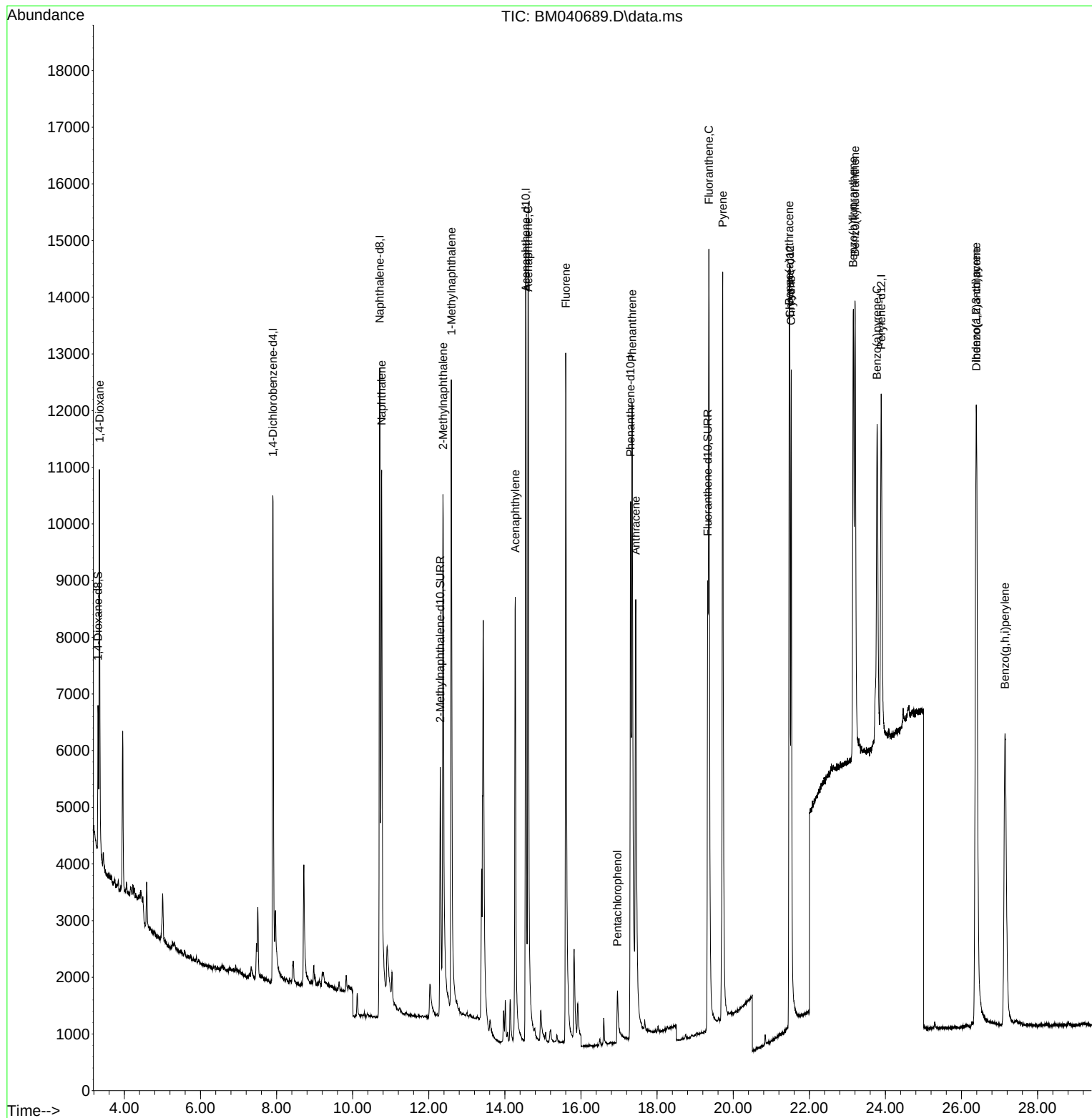
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	5404	0.400	ng/ul	0.00
4) Naphthalene-d8	10.713	136	21066	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.550	164	9717	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	16185	0.400	ng/ul	0.00
17) Chrysene-d12	21.489	240	9579	0.400	ng/ul	0.00
23) Perylene-d12	23.889	264	10565	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	1755	0.207	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.302	152	8709	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	12545	0.409	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.347	88	4598	0.532	ng/ul#	90
5) Naphthalene	10.763	128	16145	0.278	ng/ul	98
7) 2-Methylnaphthalene	12.374	142	9547	0.280	ng/ul	98
8) 1-Methylnaphthalene	12.594	142	9240	0.271	ng/ul	100
10) Acenaphthylene	14.273	152	12932	0.298	ng/ul	98
11) Acenaphthene	14.611	153	10416	0.284	ng/ul	97
12) Fluorene	15.601	166	11424	0.292	ng/ul	98
14) Pentachlorophenol	16.957	266	1204	0.386	ng/ul	91
15) Phenanthrene	17.346	178	16051	0.319	ng/ul	99
16) Anthracene	17.438	178	13613	0.322	ng/ul	97
19) Fluoranthene	19.362	202	15328	0.377	ng/ul	100
20) Pyrene	19.724	202	15684	0.360	ng/ul	99
21) Benzo(a)anthracene	21.472	228	11614	0.358	ng/ul	98
22) Chrysene	21.524	228	12329	0.334	ng/ul	99
24) Benzo(b)fluoranthene	23.155	252	12929	0.316	ng/ul	90
25) Benzo(k)fluoranthene	23.202	252	13338	0.331	ng/ul#	89
26) Benzo(a)pyrene	23.781	252	11883	0.323	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.384	276	17522	0.342	ng/ul	95
28) Dibenzo(a,h)anthracene	26.394	278	14023	0.349	ng/ul	96
29) Benzo(g,h,i)perylene	27.142	276	15413	0.343	ng/ul	98

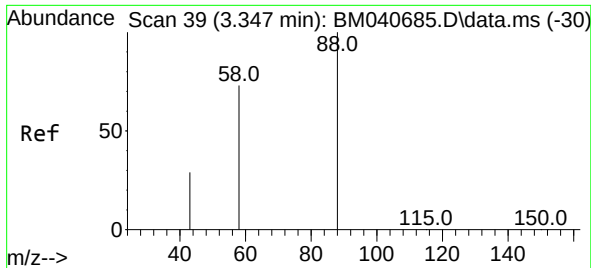
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040689.D
Acq On : 06 Jul 2023 22:49
Operator : MA/JU
Sample : 03257-10MSD
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXYY0MSD

Quant Time: Jul 07 00:56:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 09:30:35 2023
Response via : Initial Calibration

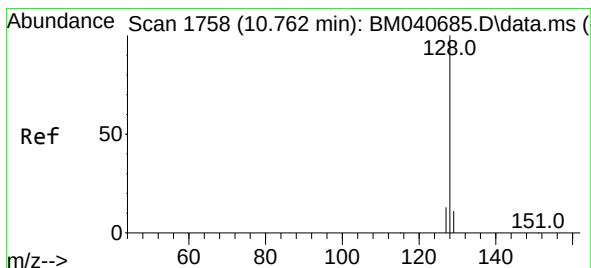
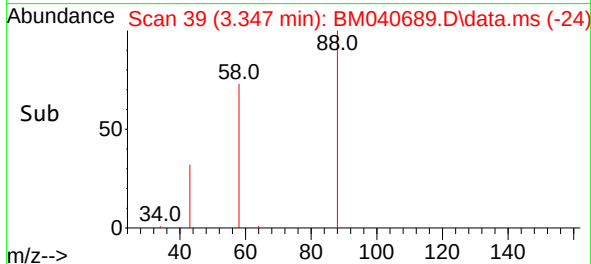
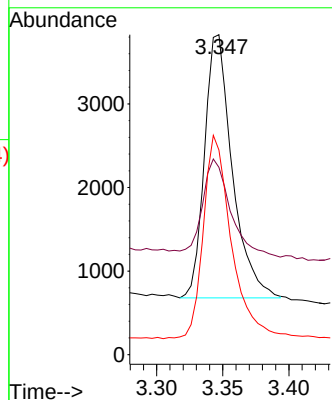
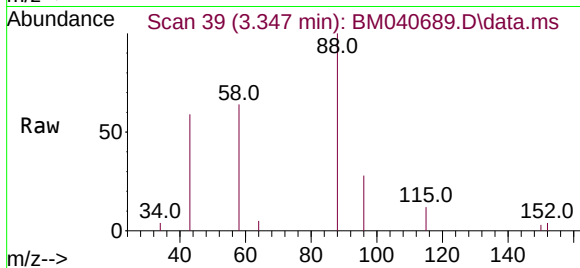




#2
1,4-Dioxane
Concen: 0.532 ng/ul
RT: 3.347 min Scan# 39
Delta R.T. 0.001 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

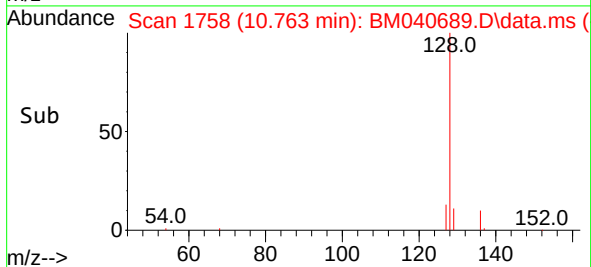
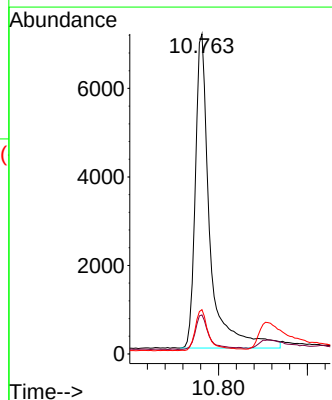
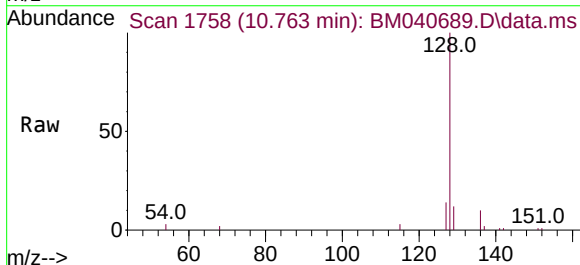
Instrument :
BNA_M
ClientSampleId :
EXYY0MSD

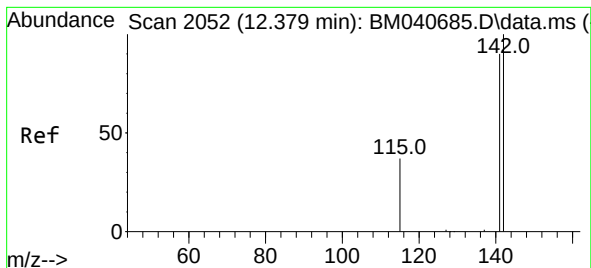
Tgt Ion: 88 Resp: 4598
Ion Ratio Lower Upper
88 100
43 58.5 36.1 54.1#
58 63.9 49.8 74.8



#5
Naphthalene
Concen: 0.278 ng/ul
RT: 10.763 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

Tgt Ion: 128 Resp: 16145
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.9 10.6 15.8

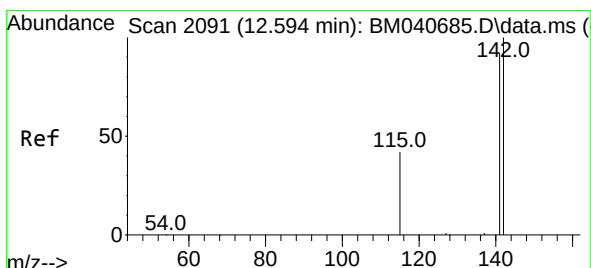
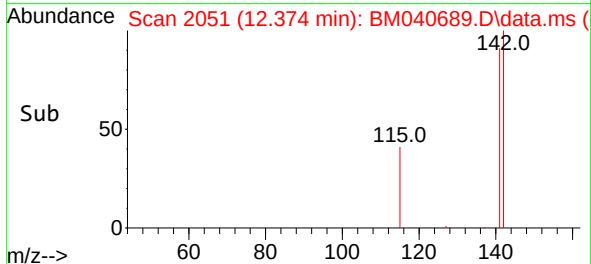
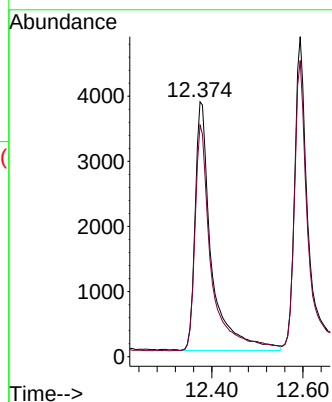
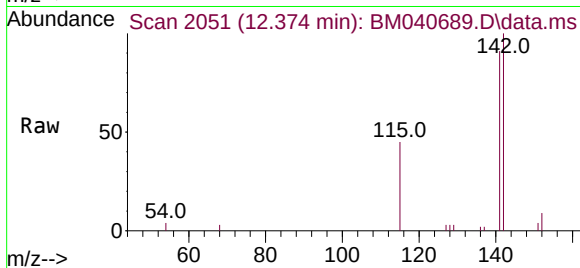




#7
2-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 12.374 min Scan# 2051
Delta R.T. -0.009 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

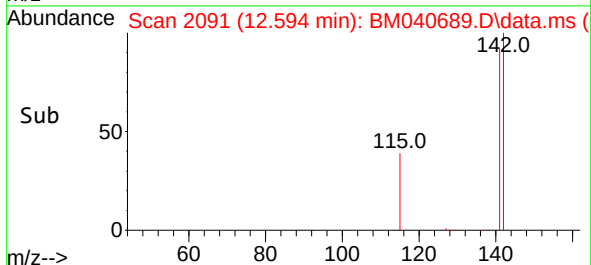
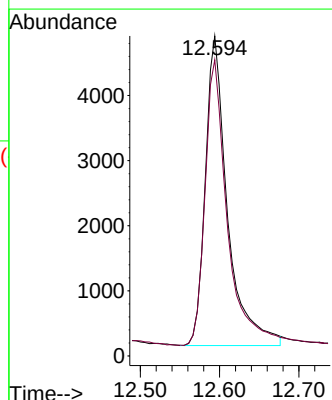
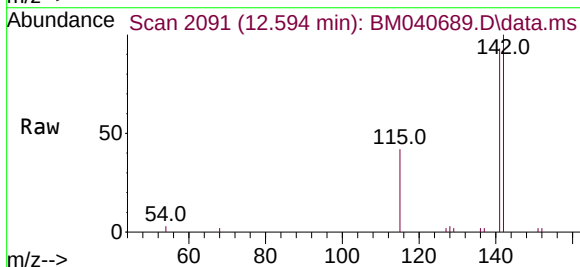
Instrument :
BNA_M
ClientSampleId :
EXYY0MSD

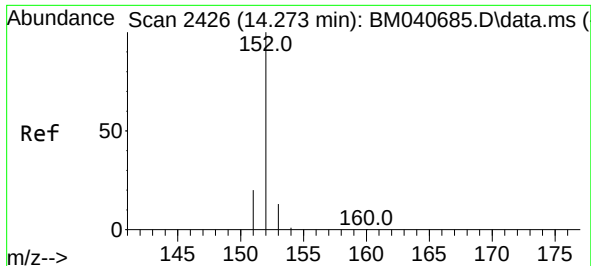
Tgt Ion:142 Resp: 9547
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.009 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

Tgt Ion:142 Resp: 9240
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5

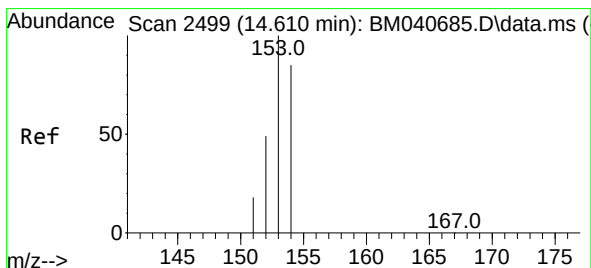
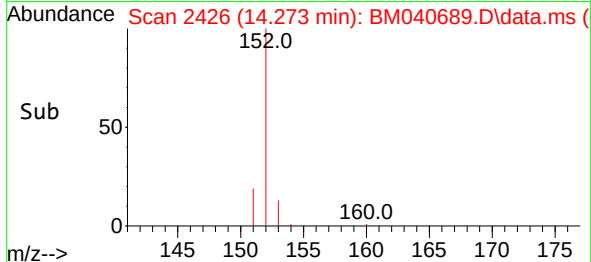
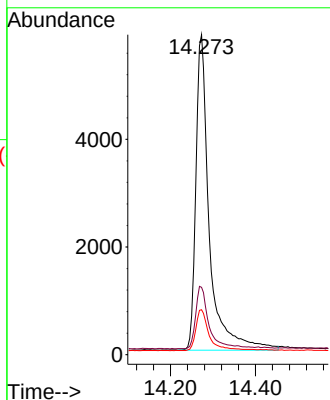
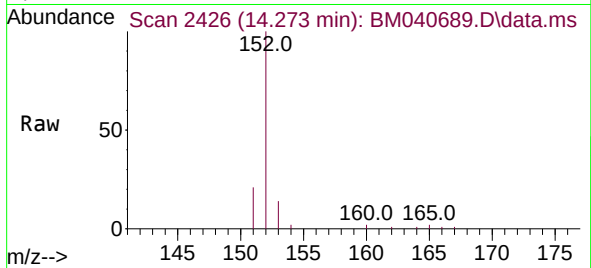




#10
Acenaphthylene
Concen: 0.298 ng/ul
RT: 14.273 min Scan# 2426
Delta R.T. -0.007 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

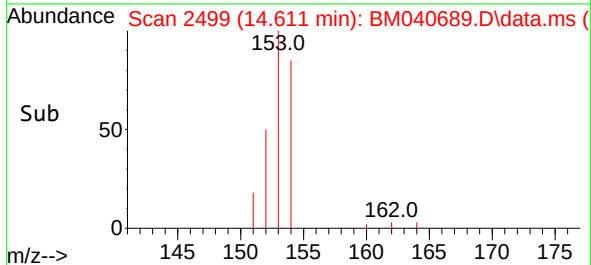
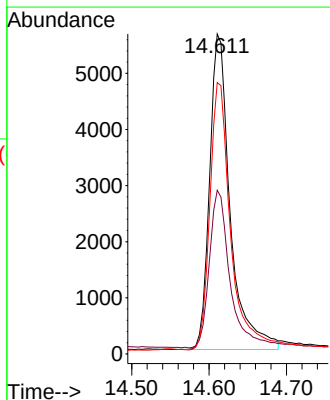
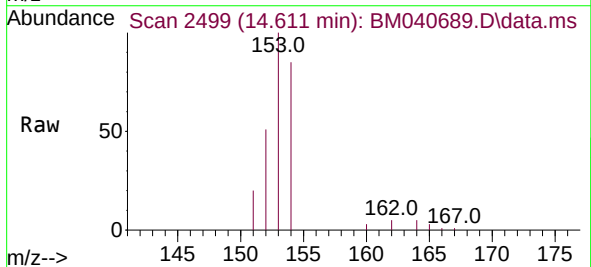
Instrument :
BNA_M
ClientSampleId :
EXYY0MSD

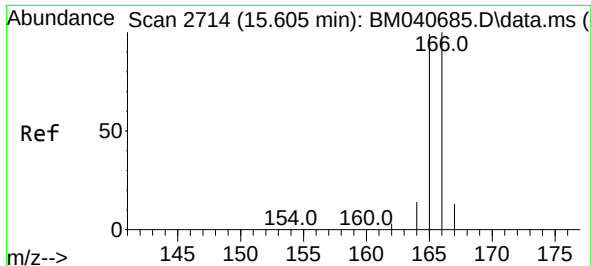
Tgt Ion:152 Resp: 12932
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.284 ng/ul
RT: 14.611 min Scan# 2499
Delta R.T. -0.007 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

Tgt Ion:153 Resp: 10416
Ion Ratio Lower Upper
153 100
152 51.2 41.0 61.4
154 84.8 70.8 106.2

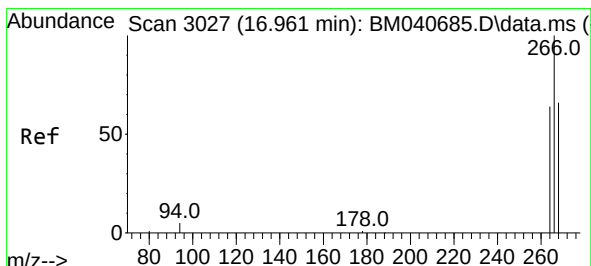
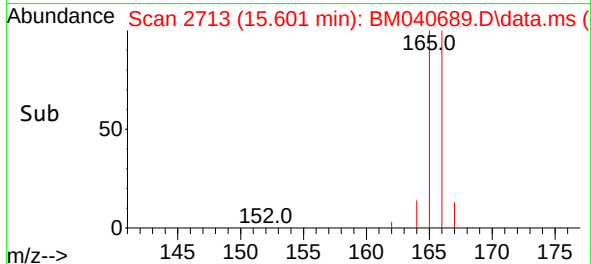
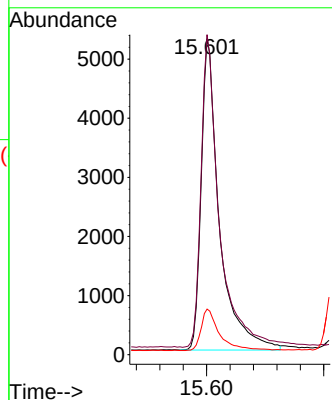
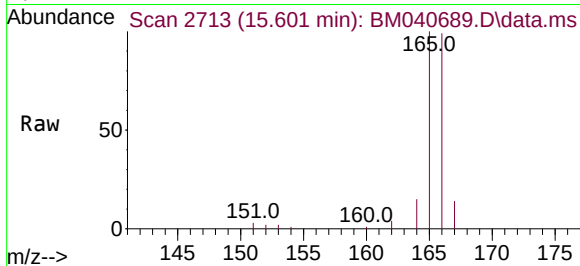




#12
Fluorene
Concen: 0.292 ng/ul
RT: 15.601 min Scan# 21
Delta R.T. -0.007 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

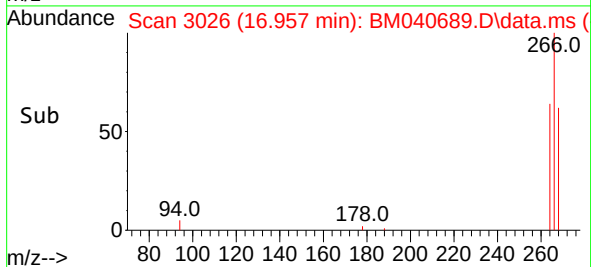
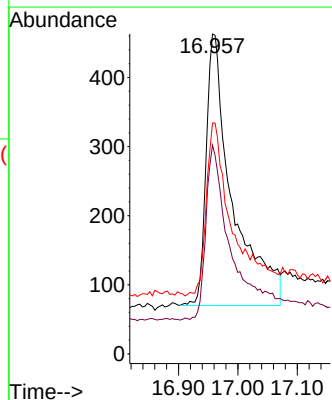
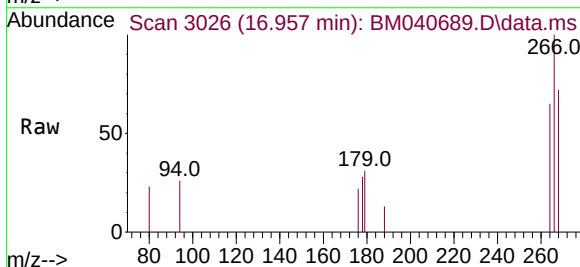
Instrument :
BNA_M
ClientSampleId :
EXYY0MSD

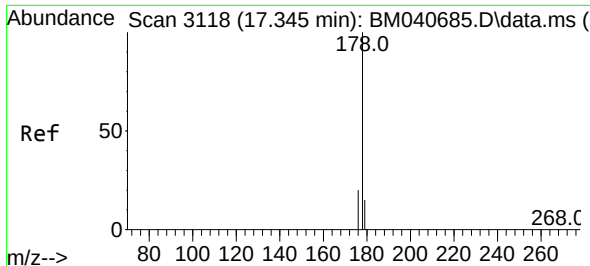
Tgt Ion:166 Resp: 11424
Ion Ratio Lower Upper
166 100
165 101.3 79.6 119.4
167 14.4 11.4 17.0



#14
Pentachlorophenol
Concen: 0.386 ng/ul
RT: 16.957 min Scan# 3026
Delta R.T. -0.011 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

Tgt Ion:266 Resp: 1204
Ion Ratio Lower Upper
266 100
264 64.0 45.4 68.0
268 65.5 47.2 70.8

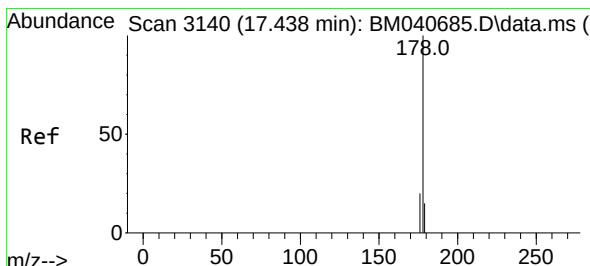
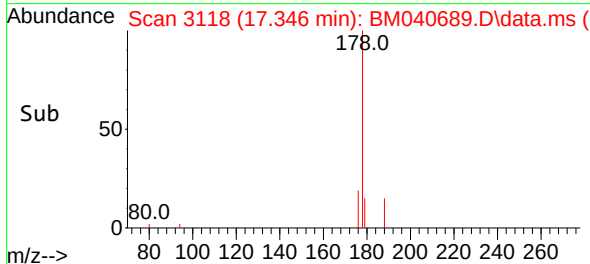
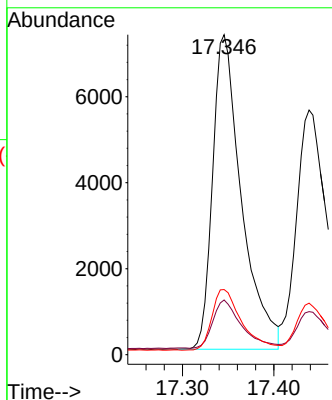
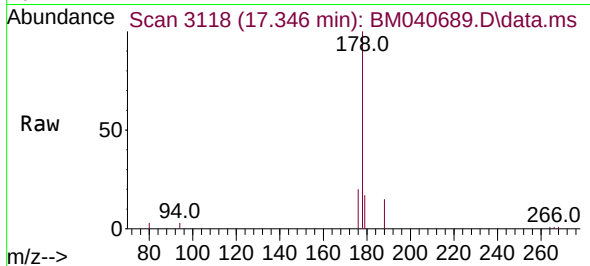




#15
Phenanthrene
Concen: 0.319 ng/ul
RT: 17.346 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

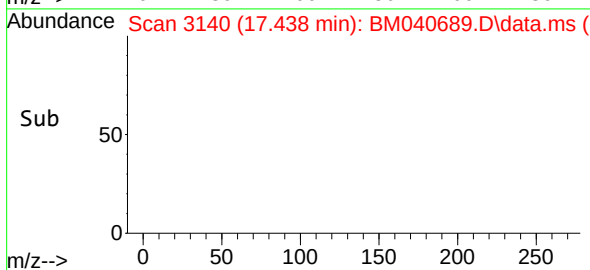
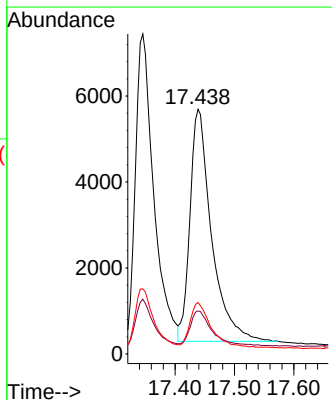
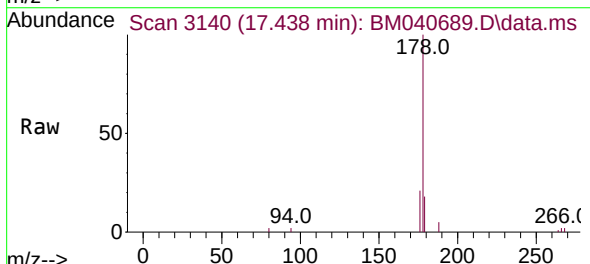
Instrument :
BNA_M
ClientSampleId :
EXYY0MSD

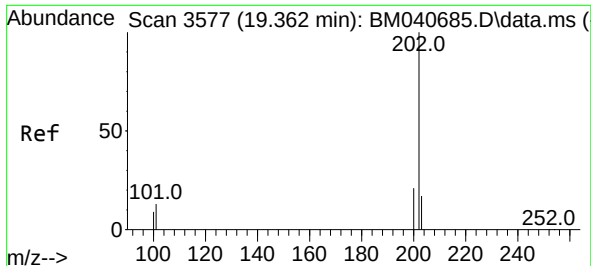
Tgt Ion:178	Resp:	16051
Ion Ratio	Lower	Upper
178	100	
179	17.1	12.8 19.2
176	20.4	16.4 24.6



#16
Anthracene
Concen: 0.322 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

Tgt Ion:178	Resp:	13613
Ion Ratio	Lower	Upper
178	100	
179	17.6	12.9 19.3
176	21.1	15.8 23.6

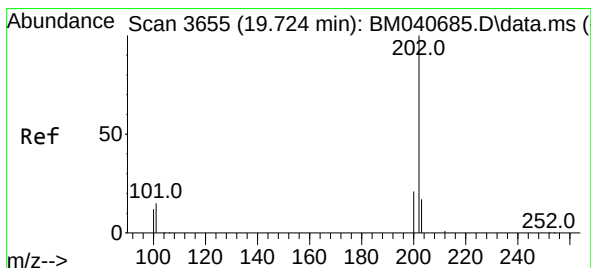
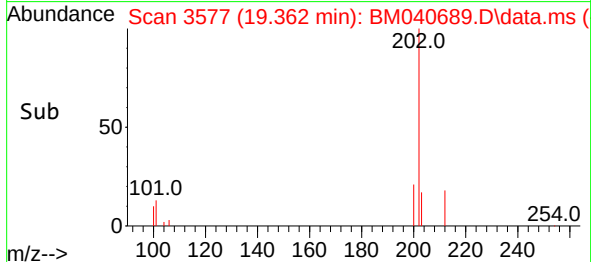
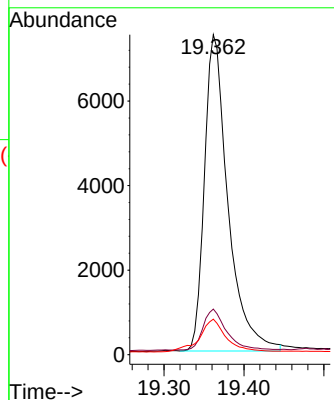
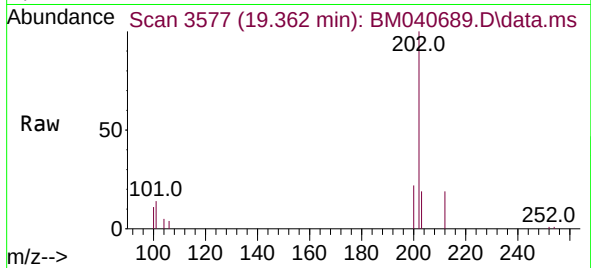




#19
Fluoranthene
Concen: 0.377 ng/ul
RT: 19.362 min Scan# 3577
Delta R.T. -0.007 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

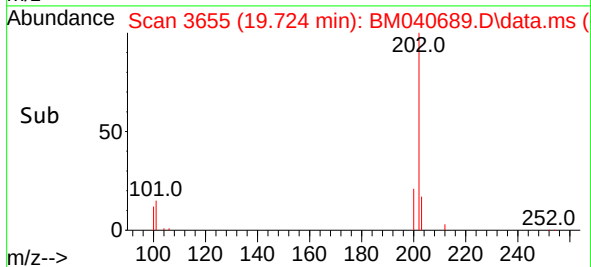
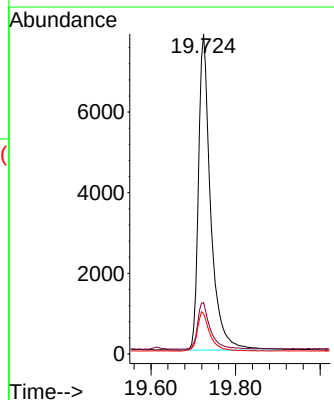
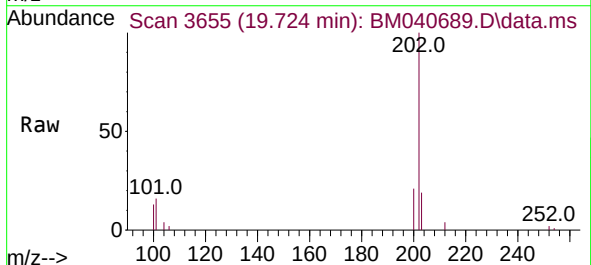
Instrument :
BNA_M
ClientSampleId :
EXYY0MSD

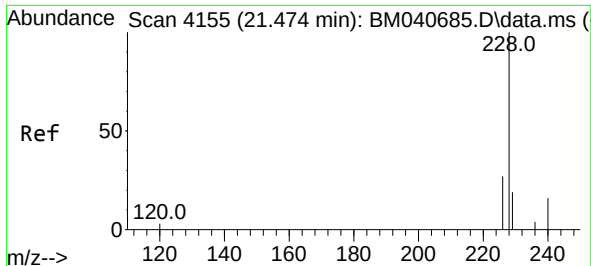
Tgt Ion:202 Resp: 15328
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 11.1 8.7 13.1



#20
Pyrene
Concen: 0.360 ng/ul
RT: 19.724 min Scan# 3655
Delta R.T. -0.007 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

Tgt Ion:202 Resp: 15684
Ion Ratio Lower Upper
202 100
101 16.1 12.6 18.8
100 12.6 9.8 14.6

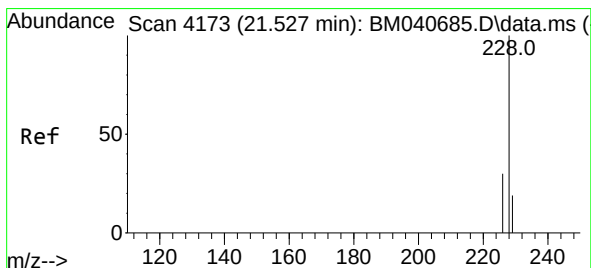
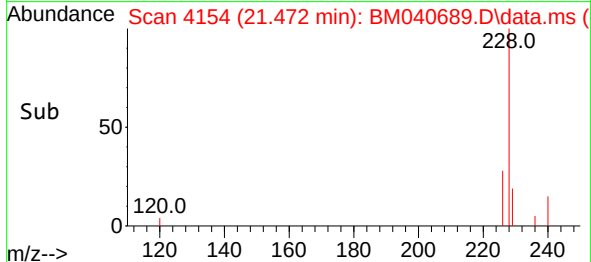
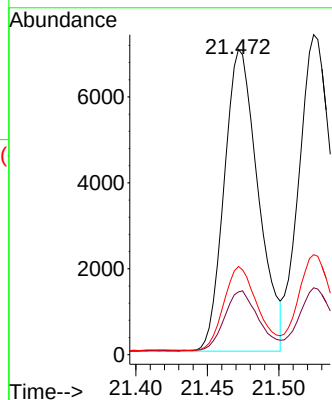
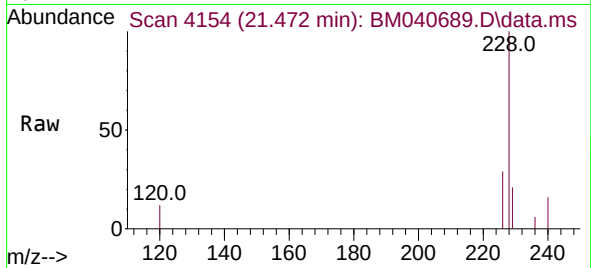




#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.472 min Scan# 4154
Delta R.T. -0.007 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

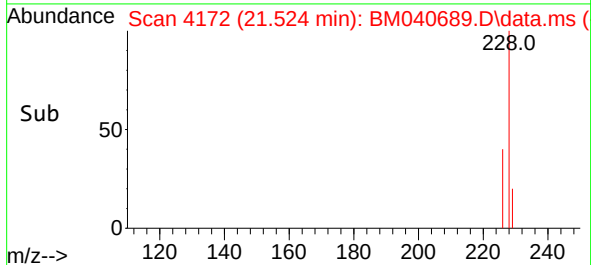
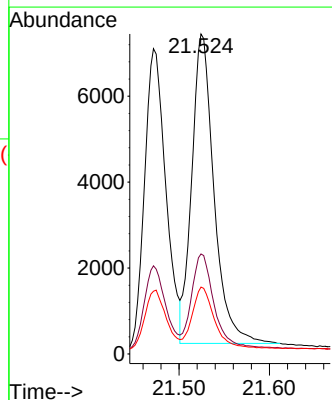
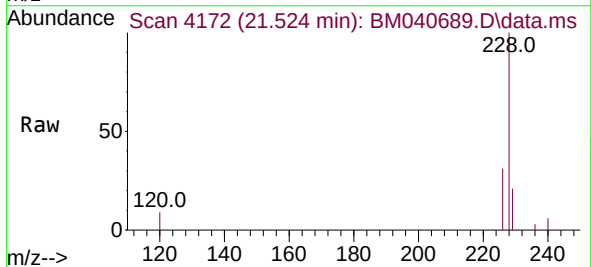
Instrument :
BNA_M
ClientSampleId :
EXYY0MSD

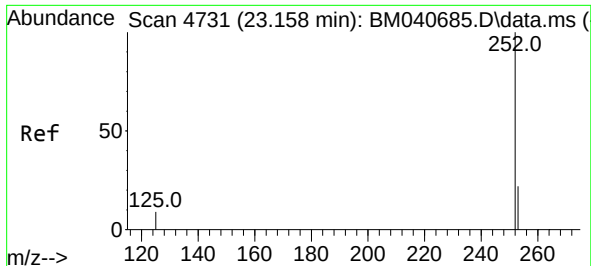
Tgt Ion:228 Resp: 11614
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 28.9 22.3 33.5



#22
Chrysene
Concen: 0.334 ng/ul
RT: 21.524 min Scan# 4172
Delta R.T. -0.007 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

Tgt Ion:228 Resp: 12329
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 20.9 15.8 23.6

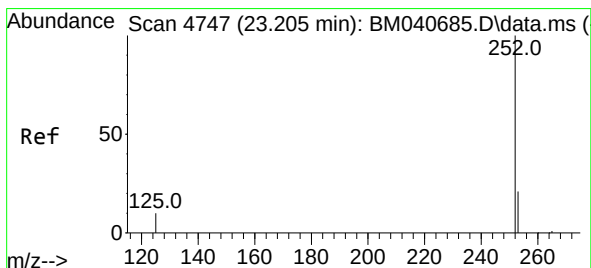
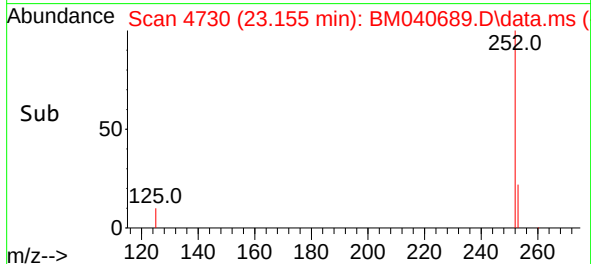
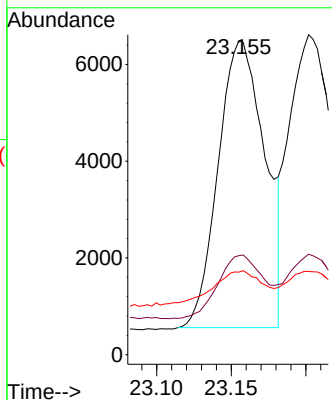
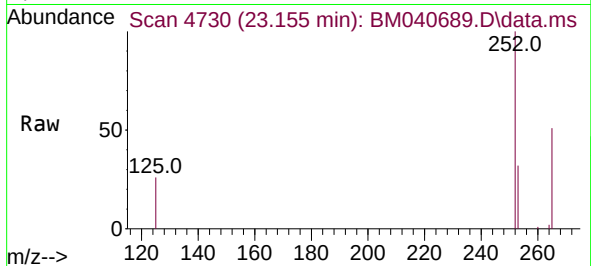




#24
Benzo(b)fluoranthene
Concen: 0.316 ng/ul
RT: 23.155 min Scan# 4730
Delta R.T. -0.013 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

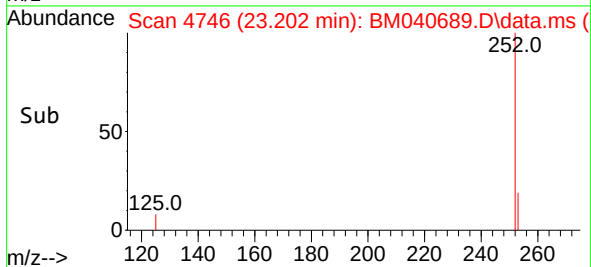
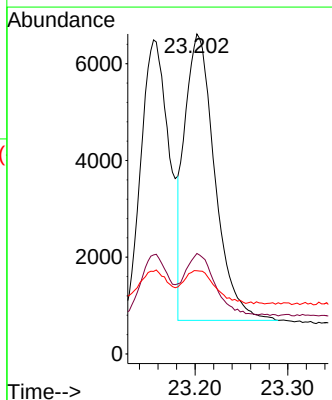
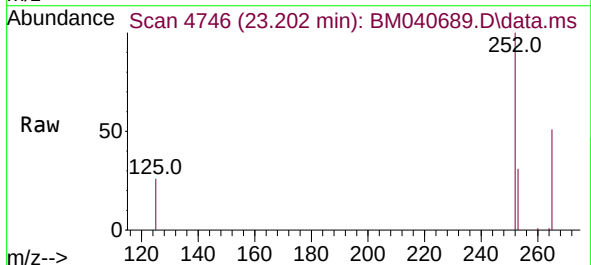
Instrument :
BNA_M
ClientSampleId :
EXYY0MSD

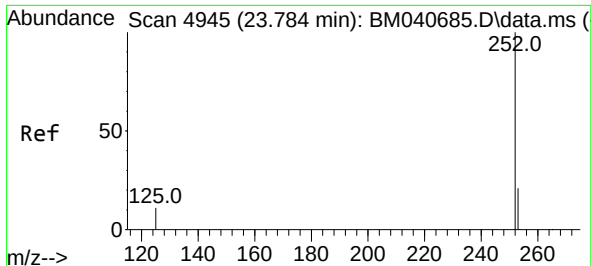
Tgt Ion:252 Resp: 12929
Ion Ratio Lower Upper
252 100
253 31.5 0.0 52.8
125 26.3 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul
RT: 23.202 min Scan# 4746
Delta R.T. -0.010 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

Tgt Ion:252 Resp: 13338
Ion Ratio Lower Upper
252 100
253 31.4 21.2 31.8
125 26.0 16.4 24.6#

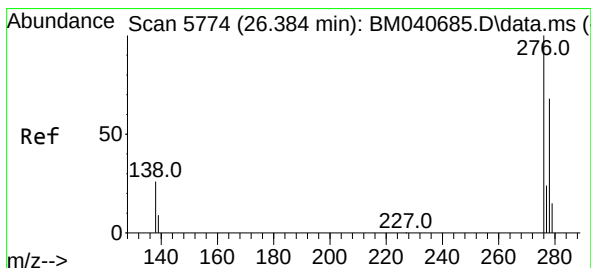
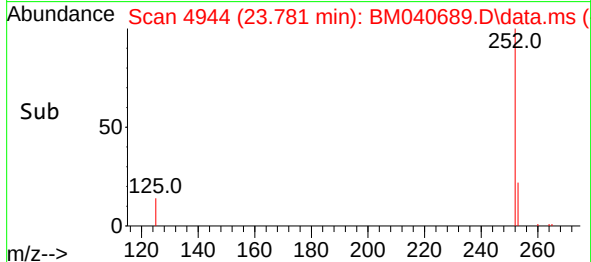
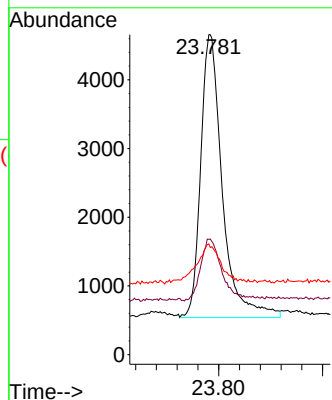
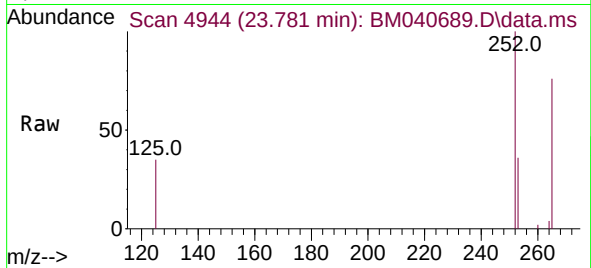




#26
Benzo(a)pyrene
Concen: 0.323 ng/ul
RT: 23.781 min Scan# 4945
Delta R.T. -0.013 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

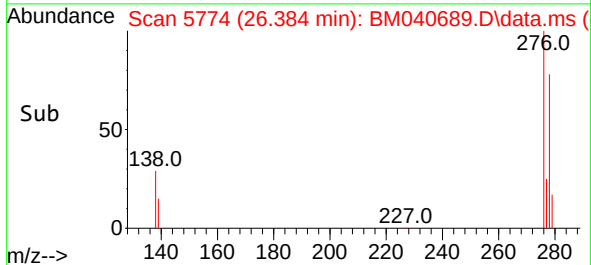
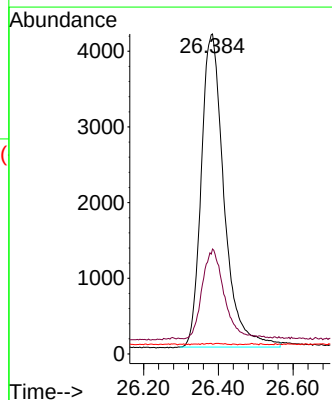
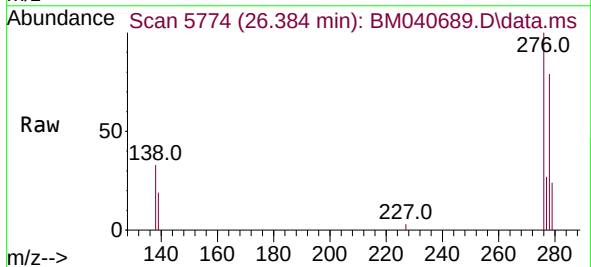
Instrument :
BNA_M
ClientSampleId :
EXYY0MSD

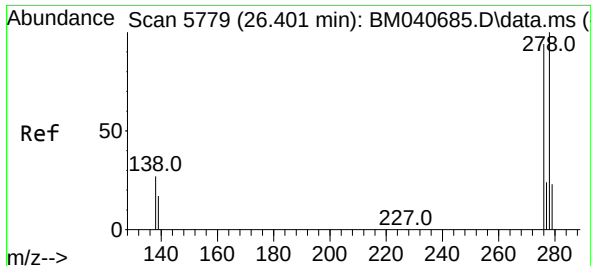
Tgt Ion:252 Resp: 11883
Ion Ratio Lower Upper
252 100
253 36.1 22.9 34.3#
125 34.6 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng/ul
RT: 26.384 min Scan# 5774
Delta R.T. -0.005 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

Tgt Ion:276 Resp: 17522
Ion Ratio Lower Upper
276 100
138 27.8 24.5 36.7
227 0.1 0.1 0.1

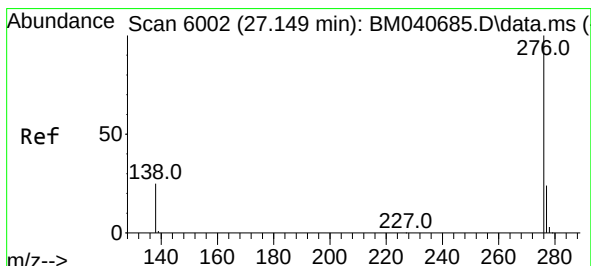
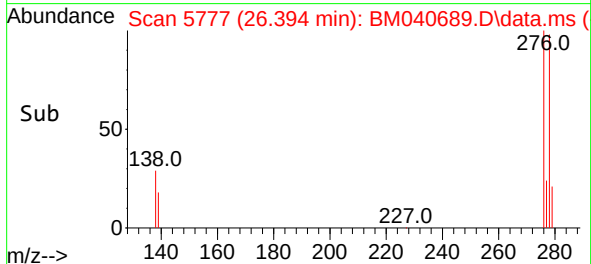
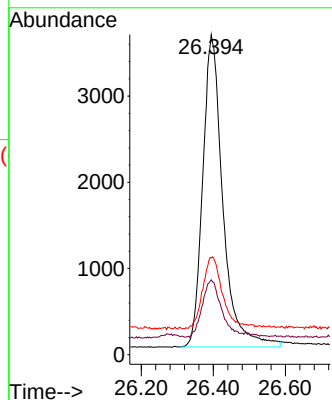
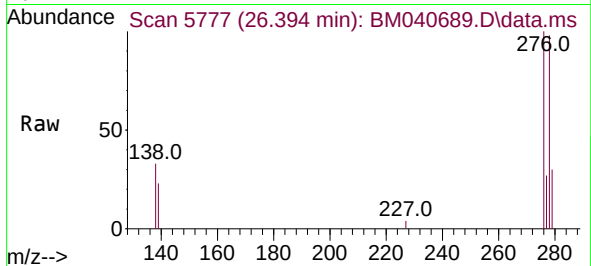




#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 26.394 min Scan# 51
Delta R.T. -0.015 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

Instrument :
BNA_M
ClientSampleId :
EXYY0MSD

Tgt Ion:278 Resp: 14023
Ion Ratio Lower Upper
278 100
139 23.4 17.9 26.9
279 30.2 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 27.142 min Scan# 6000
Delta R.T. -0.021 min
Lab File: BM040689.D
Acq: 06 Jul 2023 22:49

Tgt Ion:276 Resp: 15413
Ion Ratio Lower Upper
276 100
138 28.2 23.0 34.6
277 26.4 20.3 30.5

