

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012224\
 Data File : BM043887.D
 Acq On : 22 Jan 2024 16:19
 Operator : MA/JU
 Sample : P1160-03DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 XA312DL

Quant Time: Jan 22 16:50:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 22:45:24 2024
 Response via : Initial Calibration

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

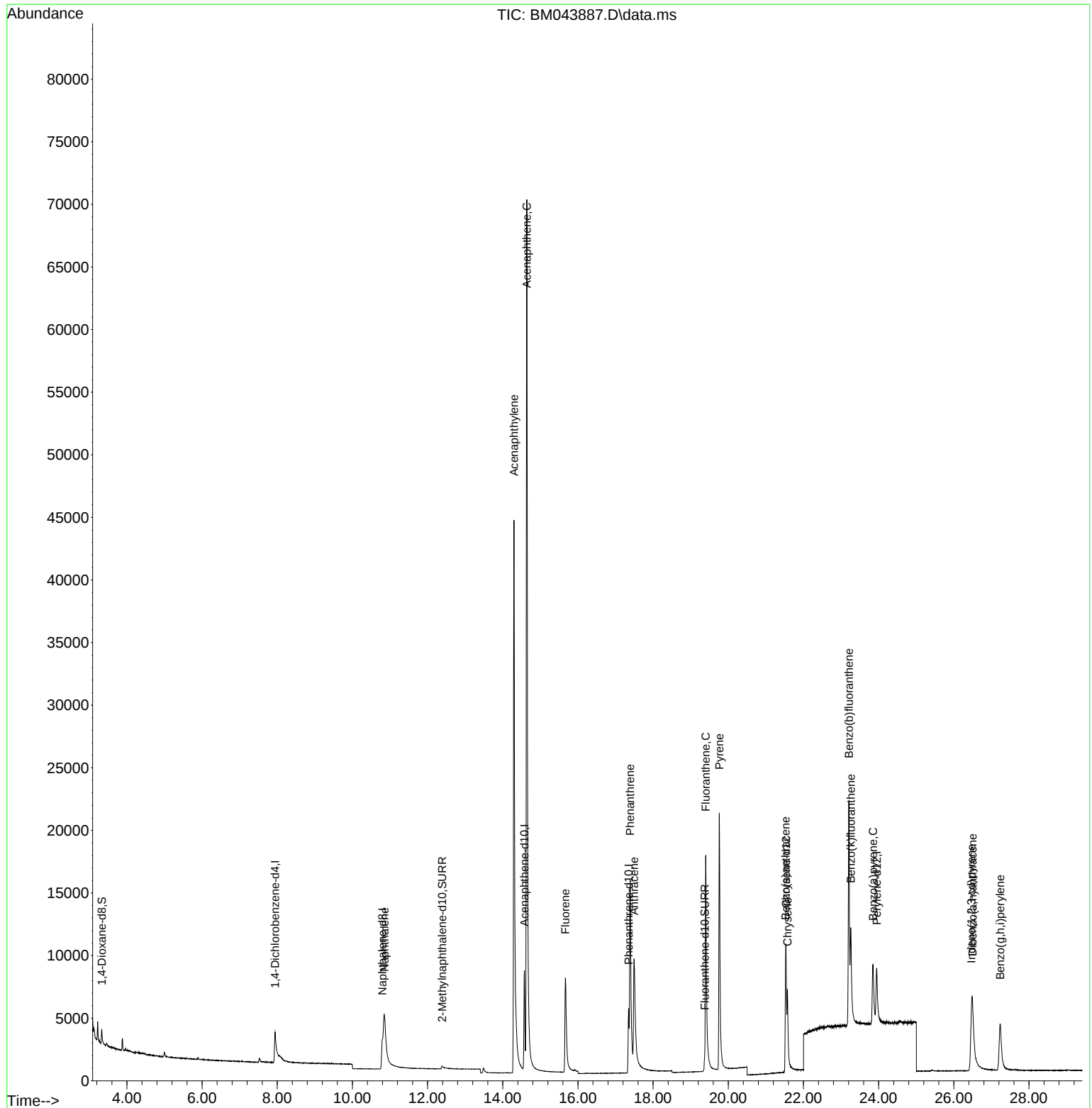
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.943	152	3771	0.400 ng/u1	0.01
4) Naphthalene-d8	10.798	136	10155	0.400 ng/u1	# 0.03
9) Acenaphthene-d10	14.576	164	5629m	0.400 ng/u1	0.00
13) Phenanthrene-d10	17.348	188	10023	0.400 ng/u1	0.00
17) Chrysene-d12	21.537	240	6572	0.400 ng/u1	0.00
23) Perylene-d12	23.948	264	8467	0.400 ng/u1	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.331	96	831	0.162 ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.387	152	970	0.075 ng/u1	0.02
18) Fluoranthene-d10	19.374	212	1768	0.082 ng/u1	0.00
Target Compounds					
					Qvalue
5) Naphthalene	10.853	128	13777	0.466 ng/u1	99
10) Acenaphthylene	14.298	152	75342	2.504 ng/u1	98
11) Acenaphthene	14.641	153	56250	2.512 ng/u1	99
12) Fluorene	15.668	166	9556	0.413 ng/u1	98
15) Phenanthrene	17.390	178	25498	0.803 ng/u1	99
16) Anthracene	17.491	178	24342	0.822 ng/u1	100
19) Fluoranthene	19.402	202	24544	0.702 ng/u1	99
20) Pyrene	19.764	202	26508	0.724 ng/u1	99
21) Benzo(a)anthracene	21.522	228	9239	0.362 ng/u1	98
22) Chrysene	21.575	228	9092	0.265 ng/u1	100
24) Benzo(b)fluoranthene	23.209	252	27693	0.859 ng/u1	91
25) Benzo(k)fluoranthene	23.258	252	15176	0.392 ng/u1	99
26) Benzo(a)pyrene	23.849	252	11054	0.336 ng/u1	99
27) Indeno(1,2,3-cd)pyrene	26.469	276	11724	0.276 ng/u1#	44
28) Dibenzo(a,h)anthracene	26.496	278	11230	0.347 ng/u1	99
29) Benzo(g,h,i)perylene	27.234	276	11316	0.299 ng/u1	98

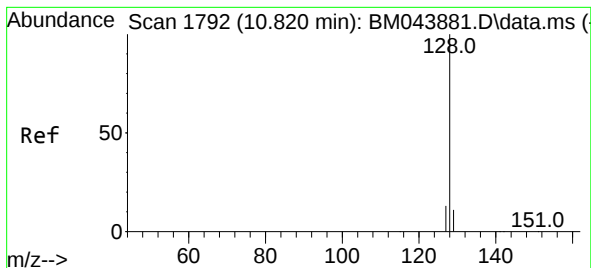
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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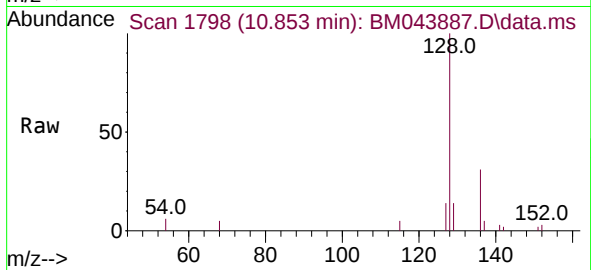
Quant Time: Jan 22 16:50:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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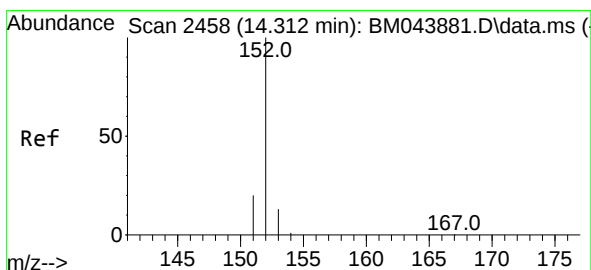
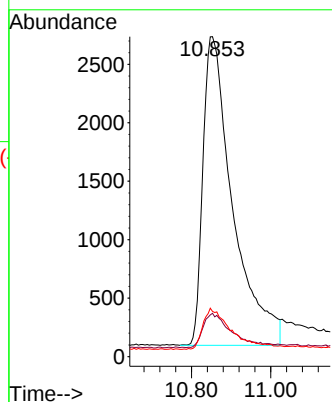
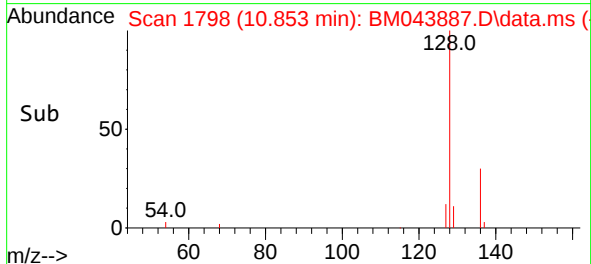


#5
Naphthalene
Concen: 0.466 ng/ul
RT: 10.853 min Scan# 11
Delta R.T. 0.038 min
Lab File: BM043887.D
Acq: 22 Jan 2024 16:19

Instrument :
BNA_M
ClientSampleId :
XA312DL

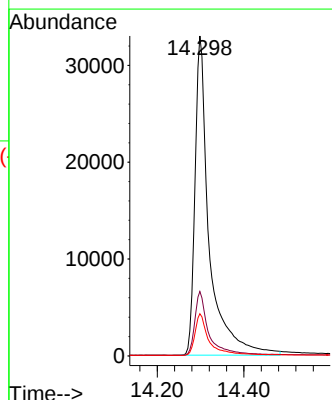
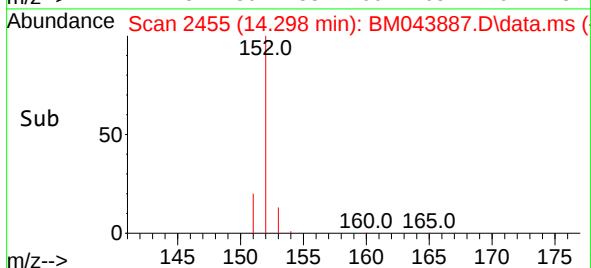
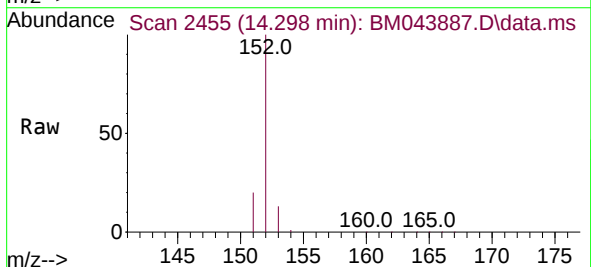


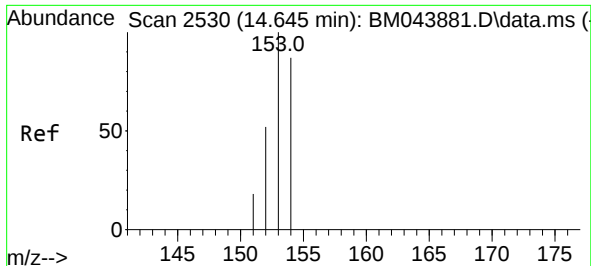
Tgt Ion:128 Resp: 13777
Ion Ratio Lower Upper
128 100
129 13.5 10.0 15.0
127 14.1 11.4 17.0



#10
Acenaphthylene
Concen: 2.504 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. -0.013 min
Lab File: BM043887.D
Acq: 22 Jan 2024 16:19

Tgt Ion:152 Resp: 75342
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.2 11.7 17.5

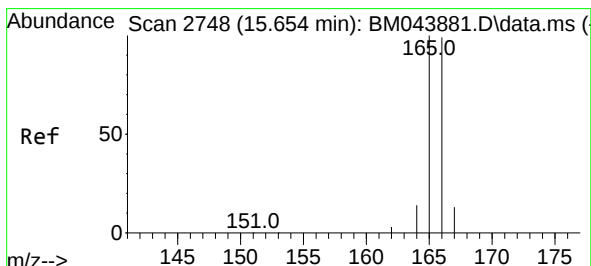
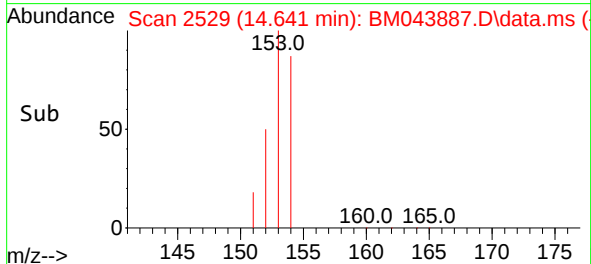
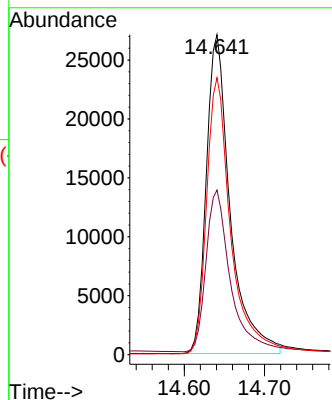
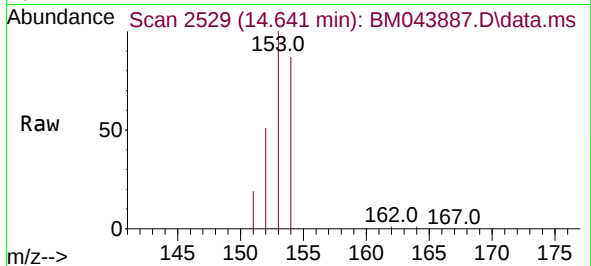




#11
Acenaphthene
Concen: 2.512 ng/ul
RT: 14.641 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM043887.D
Acq: 22 Jan 2024 16:19

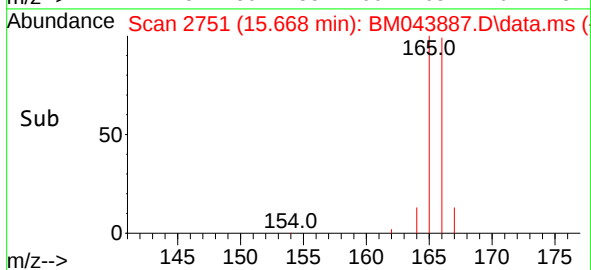
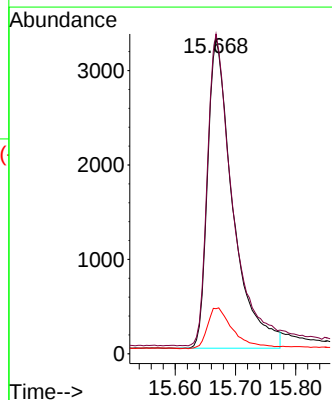
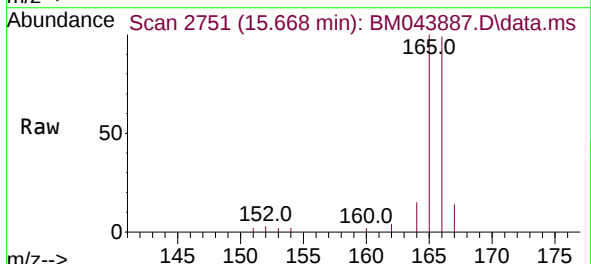
Instrument :
BNA_M
ClientSampleId :
XA312DL

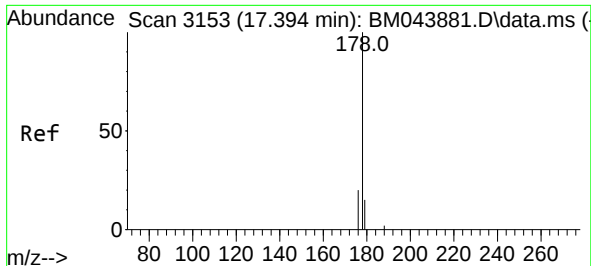
Tgt Ion:153 Resp: 56250
Ion Ratio Lower Upper
153 100
152 51.4 42.1 63.1
154 86.5 69.0 103.6



#12
Fluorene
Concen: 0.413 ng/ul
RT: 15.668 min Scan# 2751
Delta R.T. 0.015 min
Lab File: BM043887.D
Acq: 22 Jan 2024 16:19

Tgt Ion:166 Resp: 9556
Ion Ratio Lower Upper
166 100
165 101.4 79.2 118.8
167 14.3 11.4 17.2

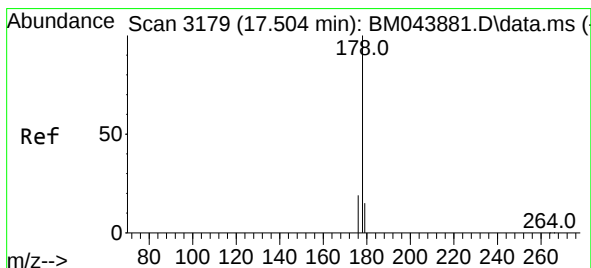
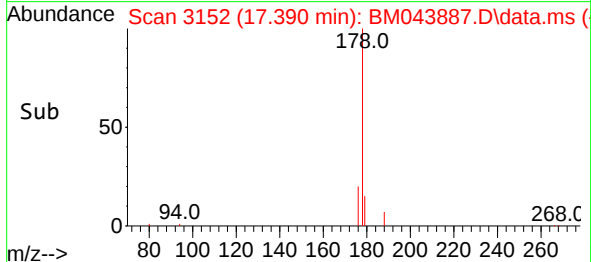
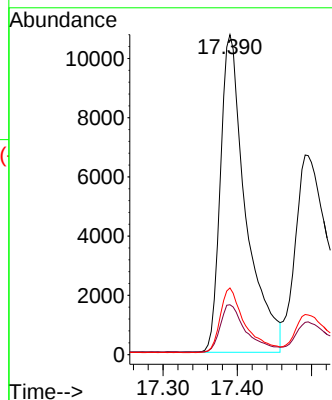
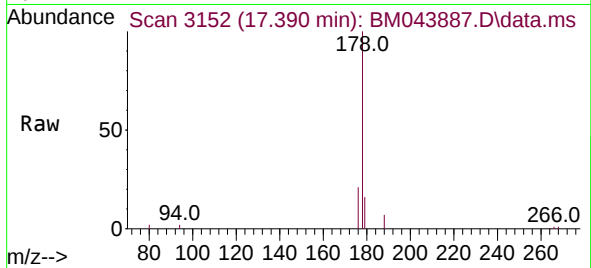




#15
Phenanthrene
Concen: 0.803 ng/ul
RT: 17.390 min Scan# 3153
Delta R.T. -0.003 min
Lab File: BM043887.D
Acq: 22 Jan 2024 16:19

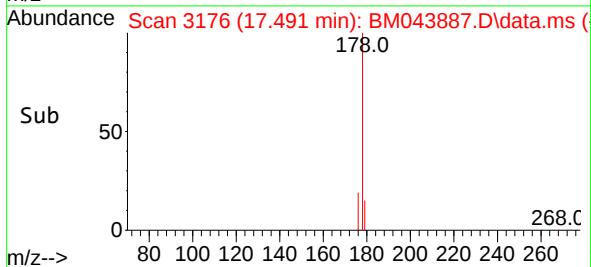
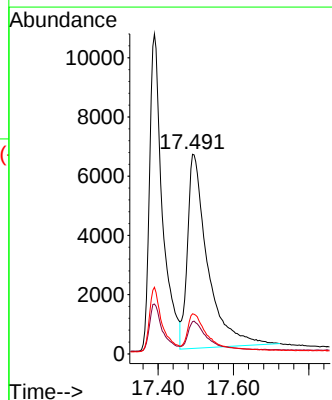
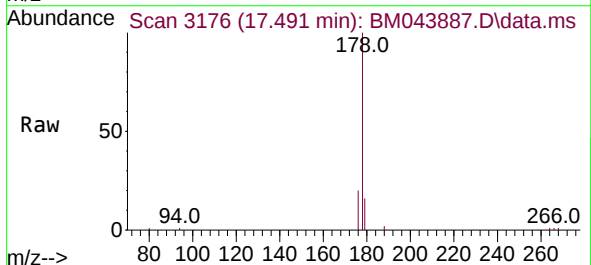
Instrument :
BNA_M
ClientSampleId :
XA312DL

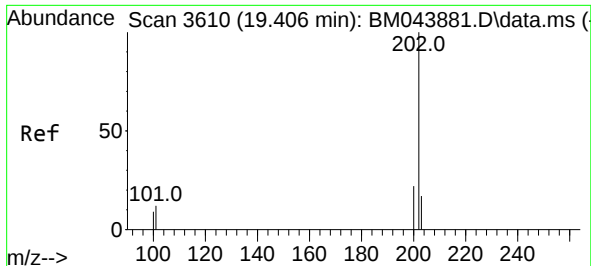
Tgt Ion:178 Resp: 25498
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 20.9 16.4 24.6



#16
Anthracene
Concen: 0.822 ng/ul
RT: 17.491 min Scan# 3176
Delta R.T. -0.003 min
Lab File: BM043887.D
Acq: 22 Jan 2024 16:19

Tgt Ion:178 Resp: 24342
Ion Ratio Lower Upper
178 100
179 16.2 13.2 19.8
176 20.1 16.2 24.2

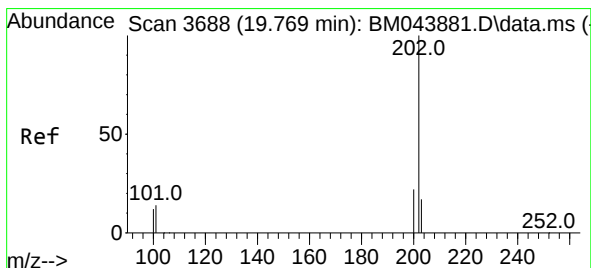
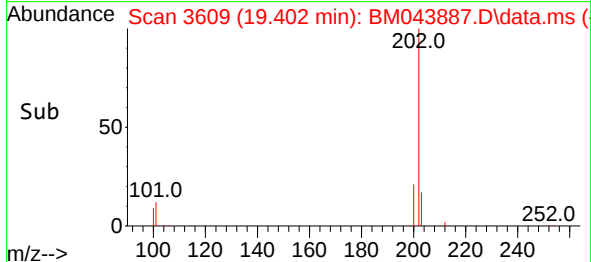
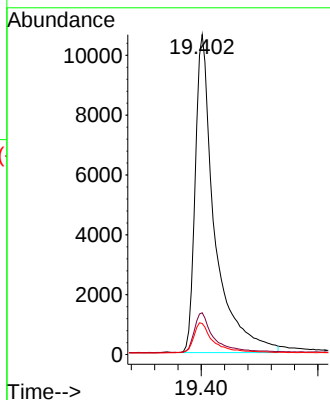
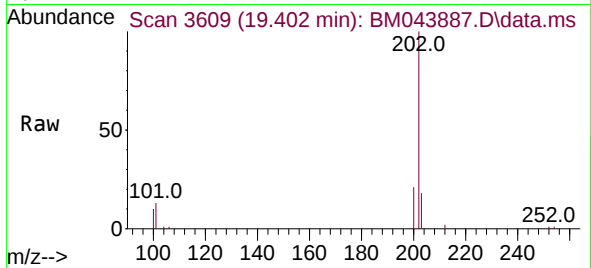




#19
Fluoranthene
Concen: 0.702 ng/ul
RT: 19.402 min Scan# 3609
Delta R.T. 0.001 min
Lab File: BM043887.D
Acq: 22 Jan 2024 16:19

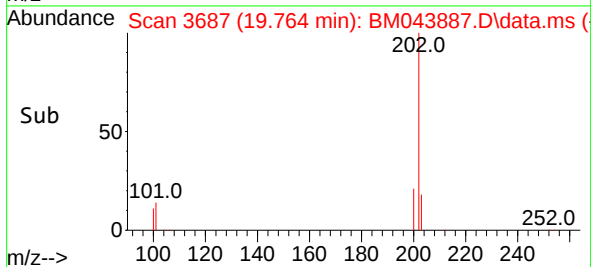
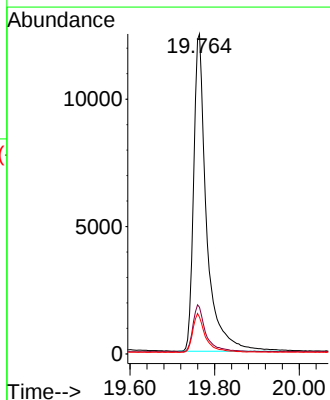
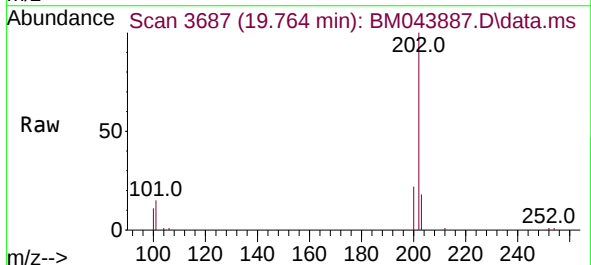
Instrument :
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ClientSampleId :
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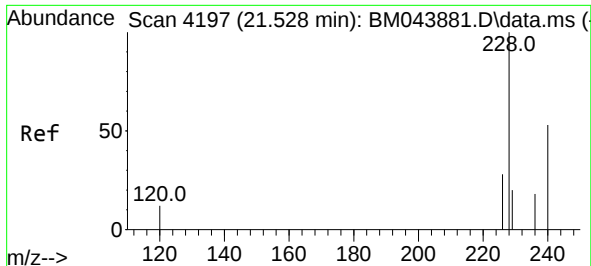
Tgt Ion:202 Resp: 24544
Ion Ratio Lower Upper
202 100
101 13.1 10.1 15.1
100 9.7 8.0 12.0



#20
Pyrene
Concen: 0.724 ng/ul
RT: 19.764 min Scan# 3687
Delta R.T. -0.004 min
Lab File: BM043887.D
Acq: 22 Jan 2024 16:19

Tgt Ion:202 Resp: 26508
Ion Ratio Lower Upper
202 100
101 14.6 11.9 17.9
100 11.5 9.5 14.3

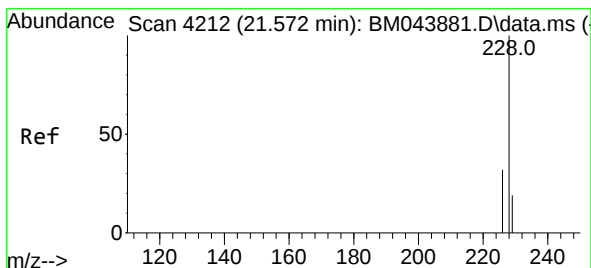
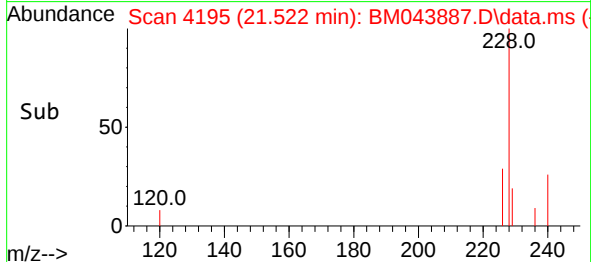
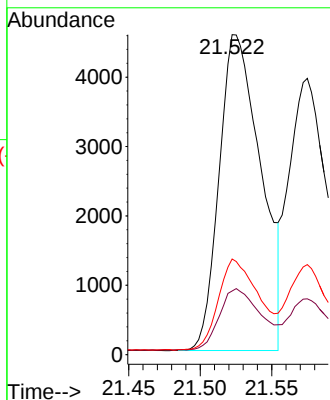
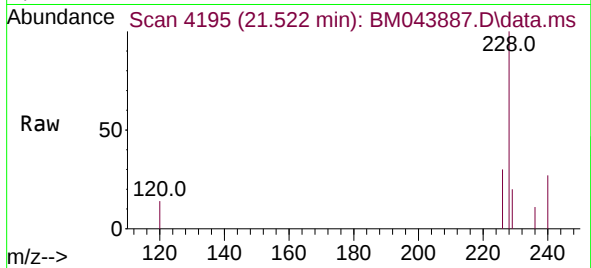




#21
Benzo(a)anthracene
Concen: 0.362 ng/u1
RT: 21.522 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM043887.D
Acq: 22 Jan 2024 16:19

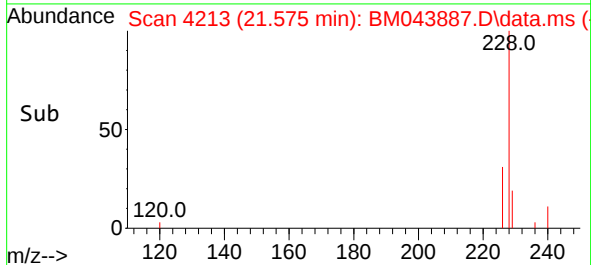
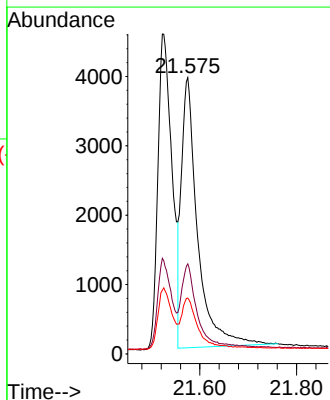
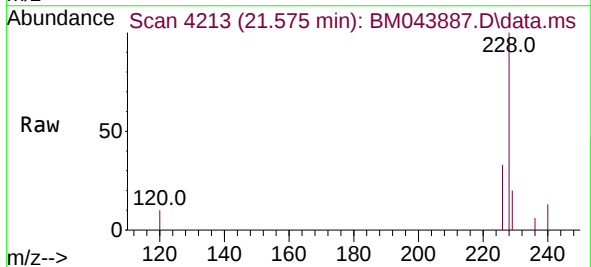
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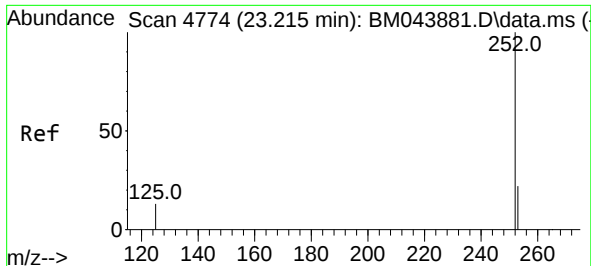
Tgt Ion:228 Resp: 9239
Ion Ratio Lower Upper
228 100
229 19.9 16.5 24.7
226 29.9 23.1 34.7



#22
Chrysene
Concen: 0.265 ng/u1
RT: 21.575 min Scan# 4213
Delta R.T. 0.002 min
Lab File: BM043887.D
Acq: 22 Jan 2024 16:19

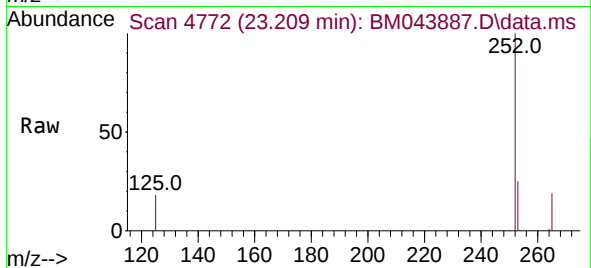
Tgt Ion:228 Resp: 9092
Ion Ratio Lower Upper
228 100
226 32.6 26.2 39.2
229 20.2 16.2 24.2



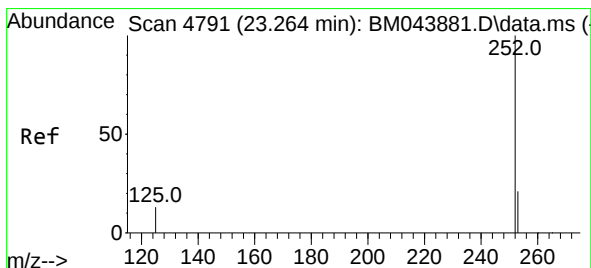
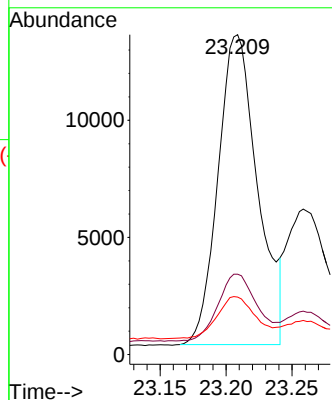


#24
Benzo(b)fluoranthene
Concen: 0.859 ng/ul
RT: 23.209 min Scan# 4772
Delta R.T. -0.007 min
Lab File: BM043887.D
Acq: 22 Jan 2024 16:19

Instrument :
BNA_M
ClientSampleId :
XA312DL

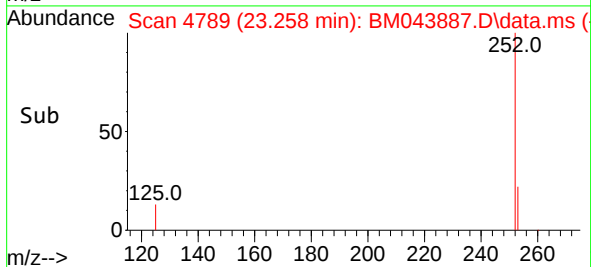
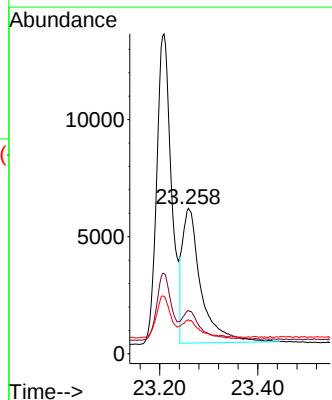
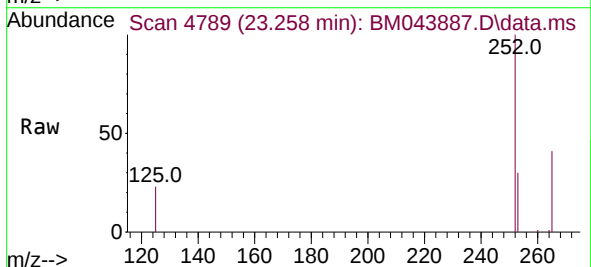


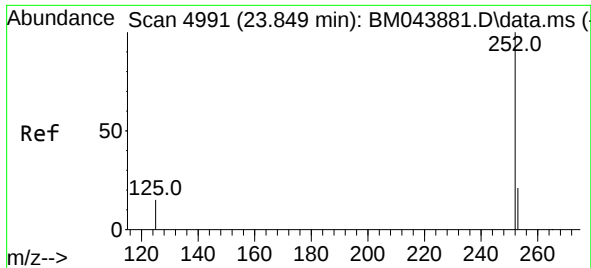
Tgt Ion:252 Resp: 27693
Ion Ratio Lower Upper
252 100
253 25.1 0.0 58.8
125 18.0 0.0 47.2



#25
Benzo(k)fluoranthene
Concen: 0.392 ng/ul
RT: 23.258 min Scan# 4789
Delta R.T. -0.007 min
Lab File: BM043887.D
Acq: 22 Jan 2024 16:19

Tgt Ion:252 Resp: 15176
Ion Ratio Lower Upper
252 100
253 29.8 24.2 36.2
125 23.4 17.9 26.9

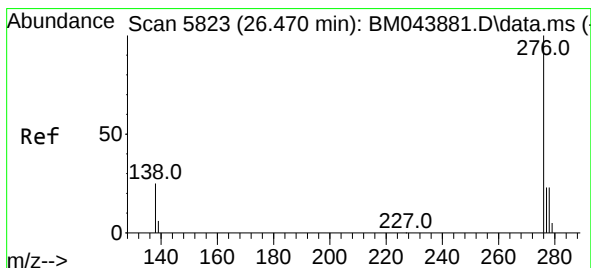
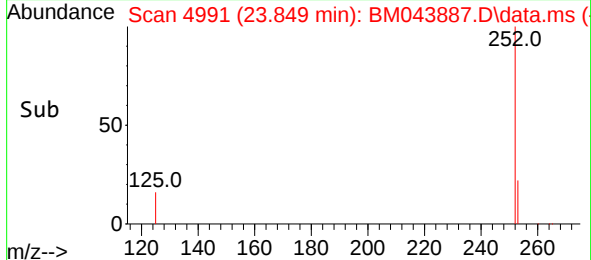
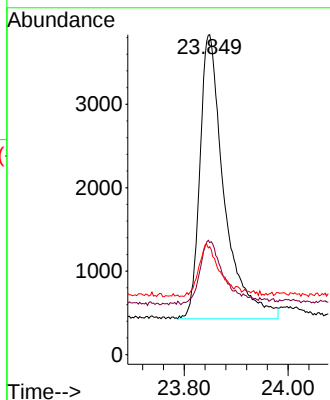
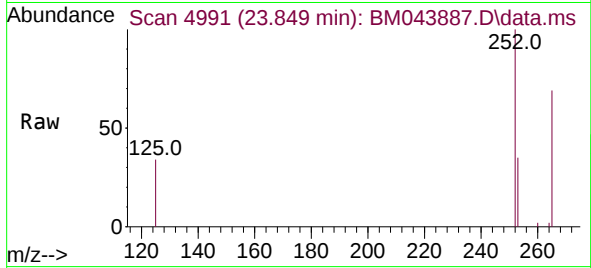




#26
Benzo(a)pyrene
Concen: 0.336 ng/ul
RT: 23.849 min Scan# 4991
Delta R.T. -0.004 min
Lab File: BM043887.D
Acq: 22 Jan 2024 16:19

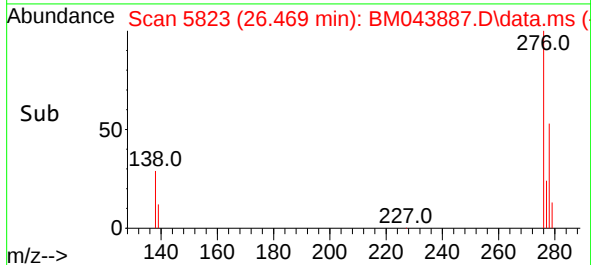
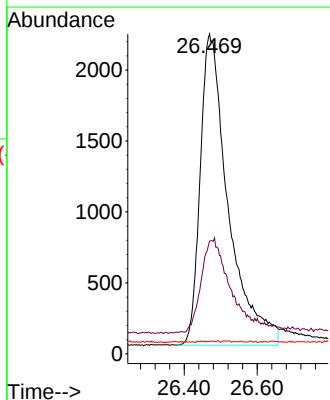
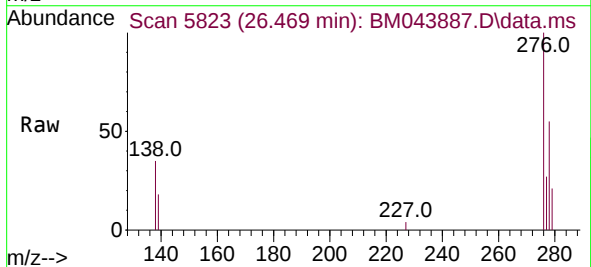
Instrument :
BNA_M
ClientSampleId :
XA312DL

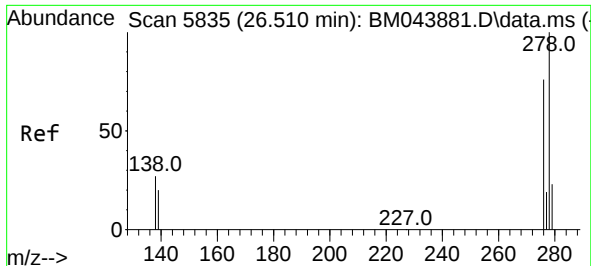
Tgt Ion:	252	Resp:	11054
Ion Ratio	Lower	Upper	
252	100		
253	35.0	28.6	42.8
125	33.7	26.9	40.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.276 ng/ul
RT: 26.469 min Scan# 5823
Delta R.T. -0.008 min
Lab File: BM043887.D
Acq: 22 Jan 2024 16:19

Tgt Ion:	276	Resp:	11724
Ion Ratio	Lower	Upper	
276	100		
138	0.0	24.6	36.8#
227	0.0	0.1	0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.347 ng/ul

RT: 26.496 min Scan# 5835

Delta R.T. -0.014 min

Lab File: BM043887.D

Acq: 22 Jan 2024 16:19

Instrument :

BNA_M

ClientSampleId :

XA312DL

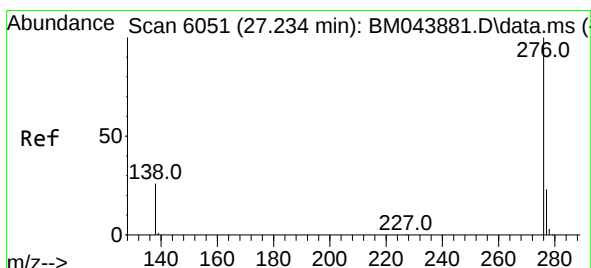
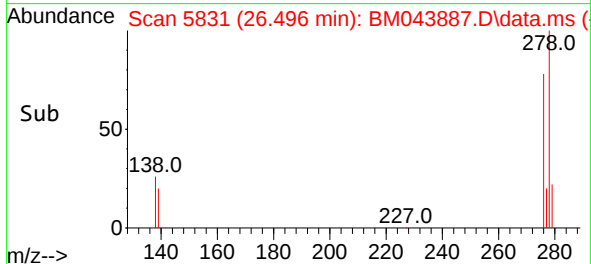
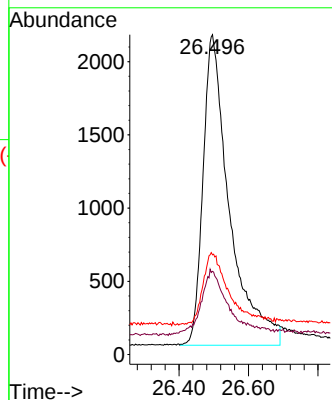
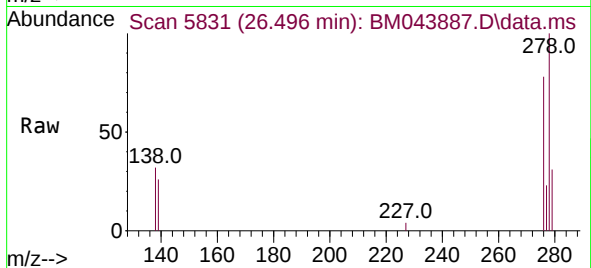
Tgt Ion:278 Resp: 11230

Ion Ratio Lower Upper

278 100

139 26.0 21.1 31.7

279 31.2 25.8 38.6



#29

Benzo(g,h,i)perylene

Concen: 0.299 ng/ul

RT: 27.234 min Scan# 6051

Delta R.T. -0.011 min

Lab File: BM043887.D

Acq: 22 Jan 2024 16:19

Tgt Ion:276 Resp: 11316

Ion Ratio Lower Upper

276 100

138 31.3 24.0 36.0

277 26.4 20.6 31.0

