

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012224\
 Data File : BM043885.D
 Acq On : 22 Jan 2024 14:17
 Operator : MA/JU
 Sample : P1160-08DL2 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 XA317DL2

Quant Time: Jan 22 14:49:20 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)

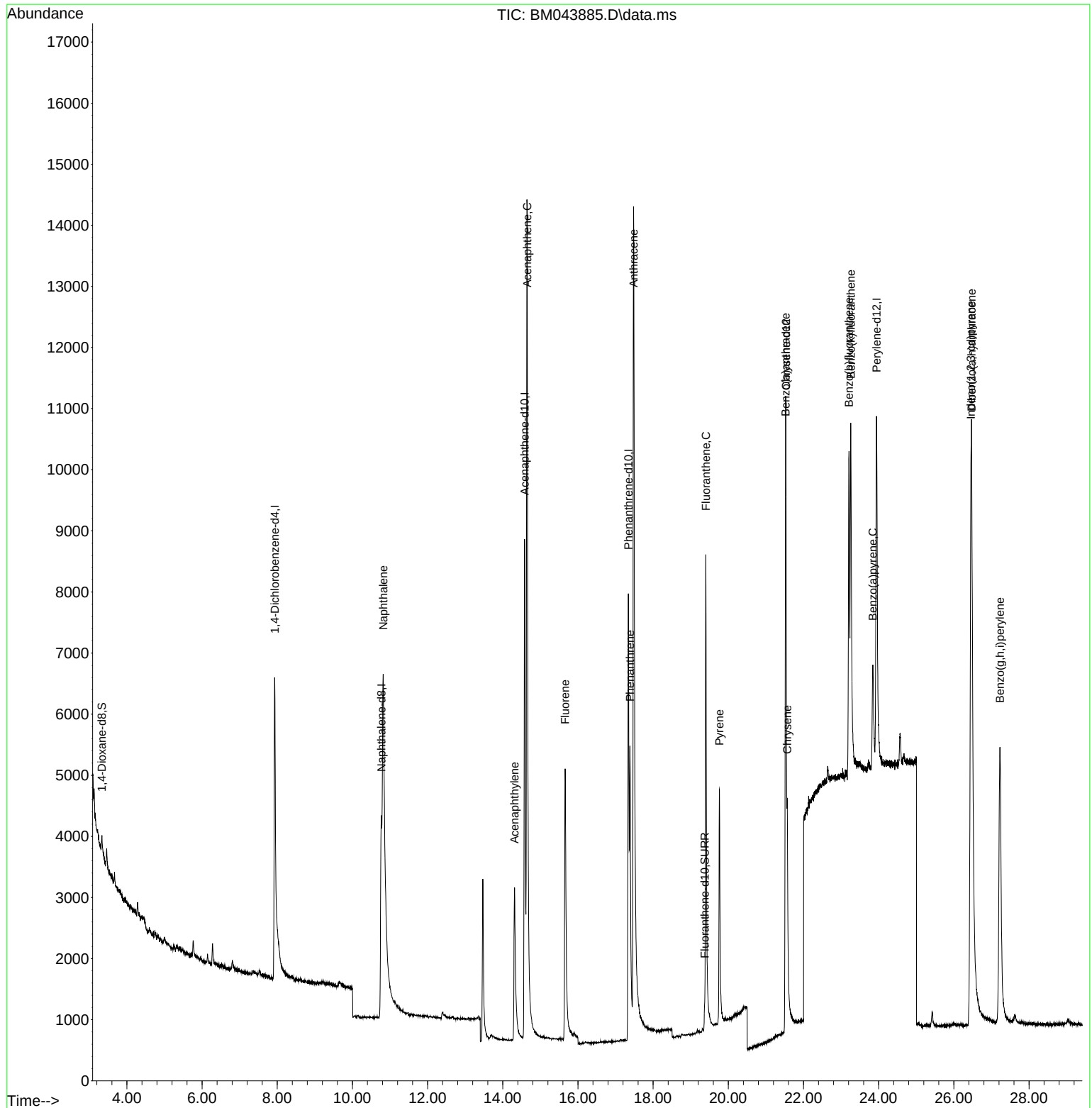
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	5182	0.400	ng/u1	0.00
4) Naphthalene-d8	10.769	136	13421	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.578	164	6656	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.341	188	12778	0.400	ng/u1	0.00
17) Chrysene-d12	21.533	240	8501	0.400	ng/u1	0.00
23) Perylene-d12	23.942	264	10645	0.400	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	204	0.029	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.391	152	337	0.020	ng/u1	0.03
18) Fluoranthene-d10	19.371	212	673	0.024	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.819	128	17128	0.438	ng/u1	99
10) Acenaphthylene	14.315	152	5873	0.165	ng/u1	96
11) Acenaphthene	14.648	153	11881	0.449	ng/u1	98
12) Fluorene	15.661	166	5361	0.196	ng/u1	97
15) Phenanthrene	17.384	178	5947	0.147	ng/u1	95
16) Anthracene	17.481	178	28133	0.746	ng/u1	99
19) Fluoranthene	19.404	202	9528	0.211	ng/u1	97
20) Pyrene	19.766	202	4733	0.100	ng/u1	95
21) Benzo(a)anthracene	21.521	228	7384	0.224	ng/u1	99
22) Chrysene	21.568	228	4287	0.096	ng/u1	98
24) Benzo(b)fluoranthene	23.211	252	7586	0.187	ng/u1	81
25) Benzo(k)fluoranthene	23.258	252	10873	0.224	ng/u1#	89
26) Benzo(a)pyrene	23.845	252	2946	0.071	ng/u1#	28
27) Indeno(1,2,3-cd)pyrene	26.455	276	19731	0.370	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.475	278	13710	0.336	ng/u1	97
29) Benzo(g,h,i)perylene	27.226	276	12745	0.268	ng/u1	99

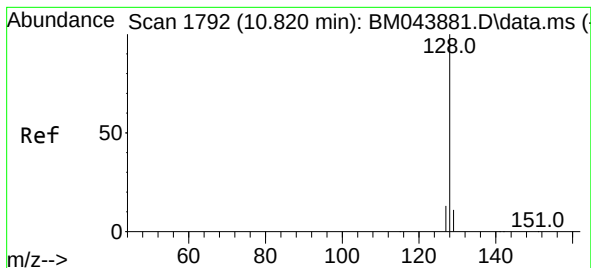
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012224\
Data File : BM043885.D
Acq On : 22 Jan 2024 14:17
Operator : MA/JU
Sample : P1160-08DL2 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
XA317DL2

Quant Time: Jan 22 14:49:20 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





#5

Naphthalene

Concen: 0.438 ng/ul

RT: 10.819 min Scan# 1792

Delta R.T. 0.004 min

Lab File: BM043885.D

Acq: 22 Jan 2024 14:17

Instrument :

BNA_M

ClientSampleId :

XA317DL2

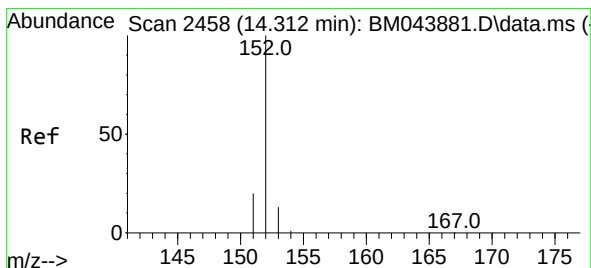
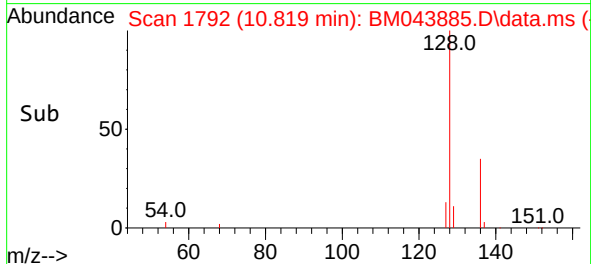
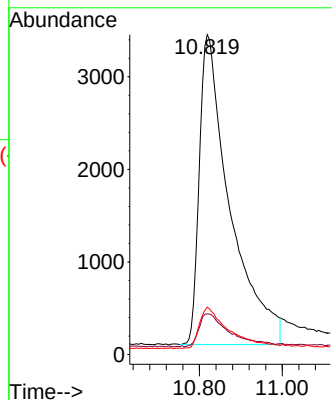
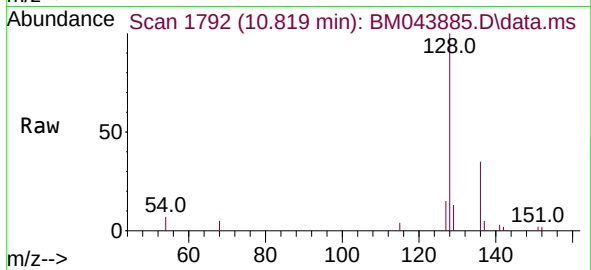
Tgt Ion:128 Resp: 17128

Ion Ratio Lower Upper

128 100

129 12.7 10.0 15.0

127 14.8 11.4 17.0



#10

Acenaphthylene

Concen: 0.165 ng/ul

RT: 14.315 min Scan# 2459

Delta R.T. 0.003 min

Lab File: BM043885.D

Acq: 22 Jan 2024 14:17

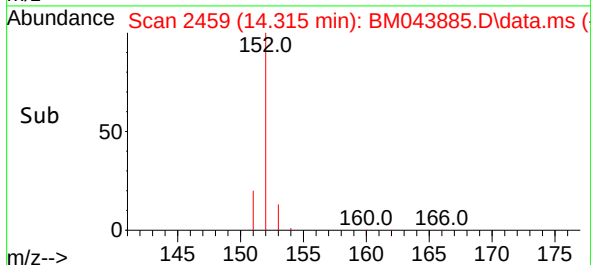
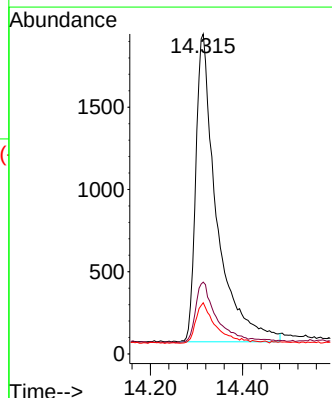
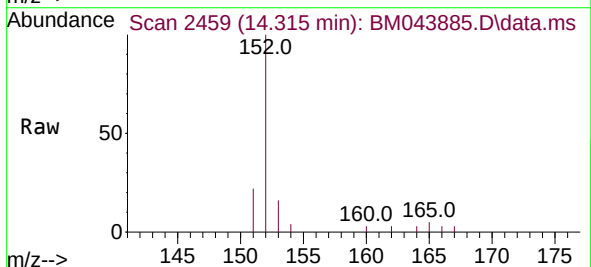
Tgt Ion:152 Resp: 5873

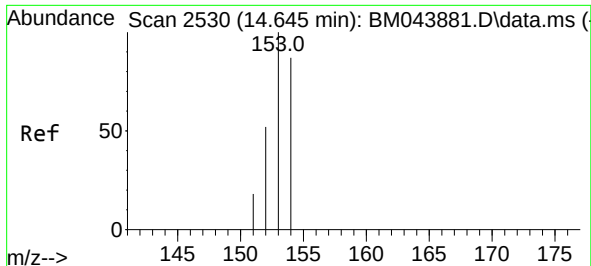
Ion Ratio Lower Upper

152 100

151 22.5 16.6 24.8

153 16.0 11.7 17.5

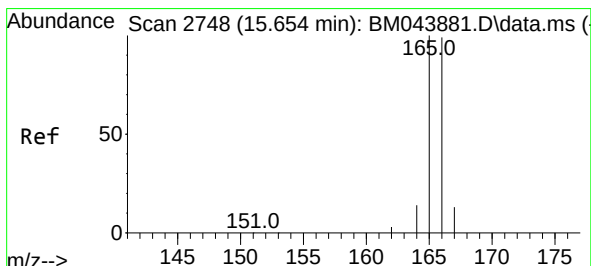
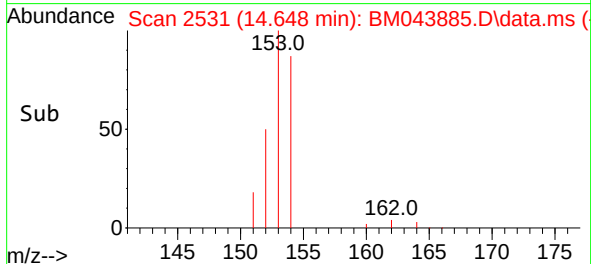
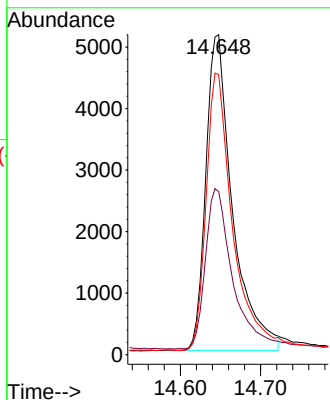
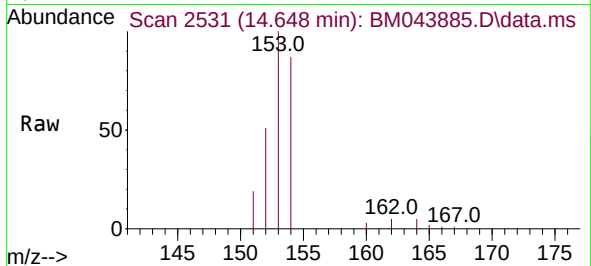




#11
Acenaphthene
Concen: 0.449 ng/ul
RT: 14.648 min Scan# 21
Delta R.T. 0.003 min
Lab File: BM043885.D
Acq: 22 Jan 2024 14:17

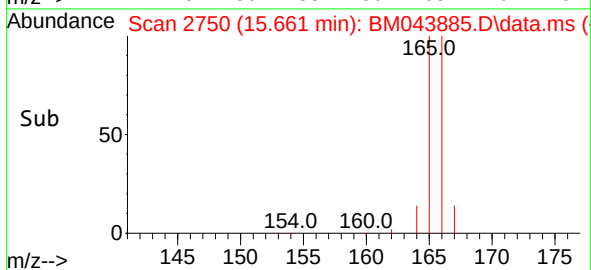
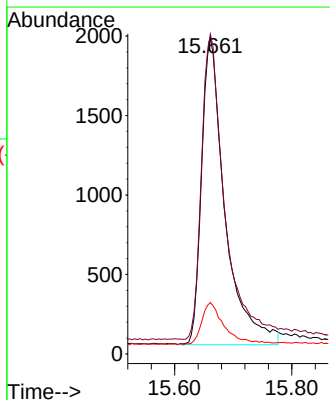
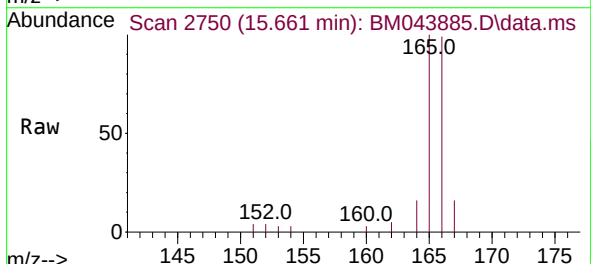
Instrument :
BNA_M
ClientSampleId :
XA317DL2

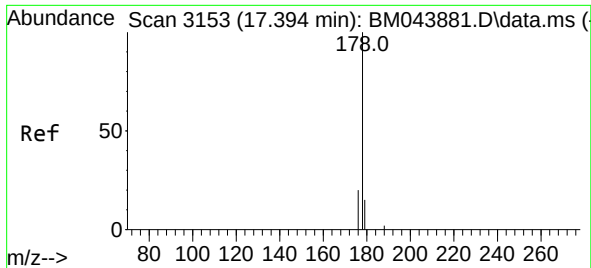
Tgt Ion:	153	Resp:	11881
Ion Ratio	Lower	Upper	
153	100		
152	51.0	42.1	63.1
154	87.5	69.0	103.6



#12
Fluorene
Concen: 0.196 ng/ul
RT: 15.661 min Scan# 2750
Delta R.T. 0.008 min
Lab File: BM043885.D
Acq: 22 Jan 2024 14:17

Tgt Ion:	166	Resp:	5361
Ion Ratio	Lower	Upper	
166	100		
165	101.3	79.2	118.8
167	16.3	11.4	17.2

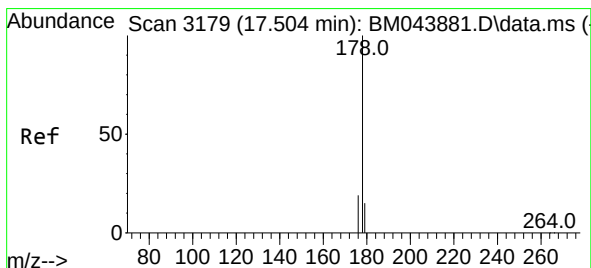
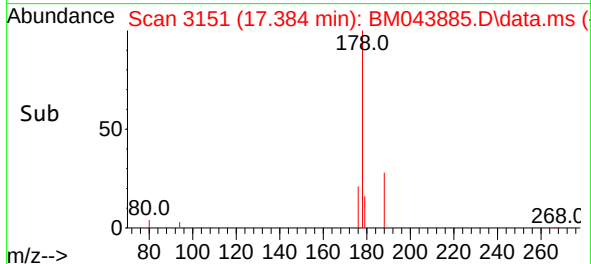
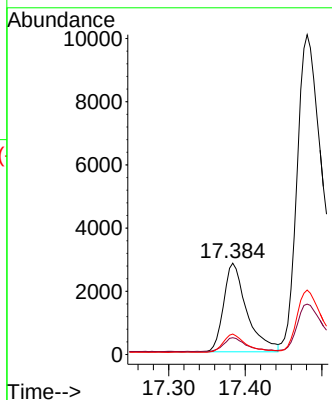
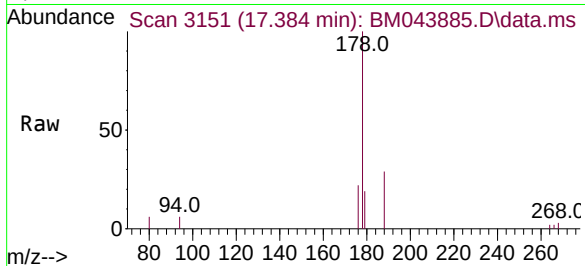




#15
Phenanthrene
Concen: 0.147 ng/ul
RT: 17.384 min Scan# 3153
Delta R.T. -0.010 min
Lab File: BM043885.D
Acq: 22 Jan 2024 14:17

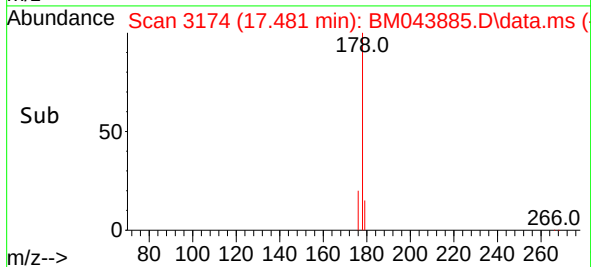
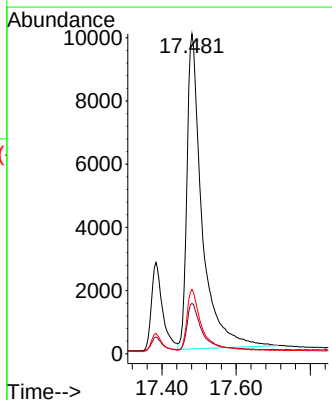
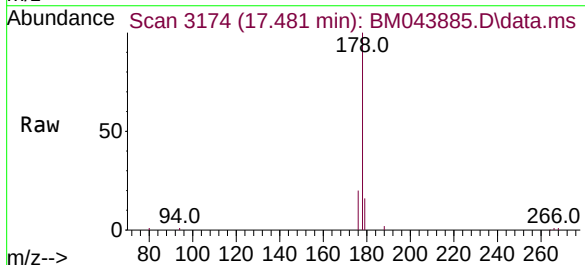
Instrument :
BNA_M
ClientSampleId :
XA317DL2

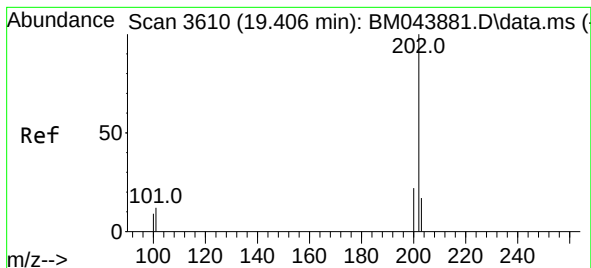
Tgt Ion:	178	Resp:	5947
Ion Ratio	Lower	Upper	
178	100		
179	18.5	13.0	19.6
176	22.5	16.4	24.6



#16
Anthracene
Concen: 0.746 ng/ul
RT: 17.481 min Scan# 3174
Delta R.T. -0.014 min
Lab File: BM043885.D
Acq: 22 Jan 2024 14:17

Tgt Ion:	178	Resp:	28133
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.2	19.8
176	20.2	16.2	24.2





#19

Fluoranthene

Concen: 0.211 ng/ul

RT: 19.404 min Scan# 3610

Delta R.T. 0.003 min

Lab File: BM043885.D

Acq: 22 Jan 2024 14:17

Instrument :

BNA_M

ClientSampleId :

XA317DL2

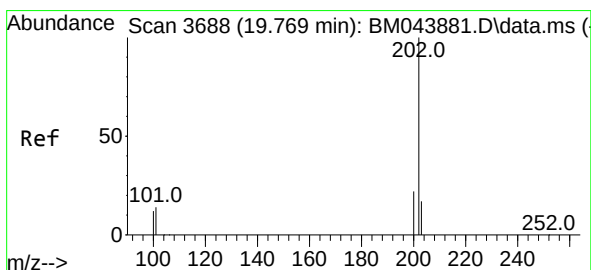
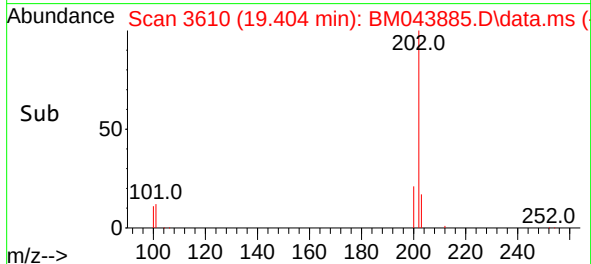
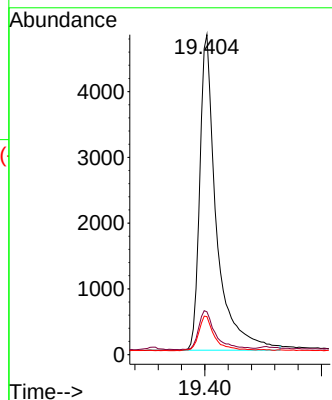
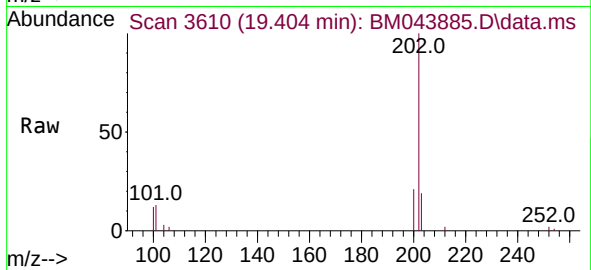
Tgt Ion:202 Resp: 9528

Ion Ratio Lower Upper

202 100

101 13.4 10.1 15.1

100 11.9 8.0 12.0



#20

Pyrene

Concen: 0.100 ng/ul

RT: 19.766 min Scan# 3688

Delta R.T. -0.002 min

Lab File: BM043885.D

Acq: 22 Jan 2024 14:17

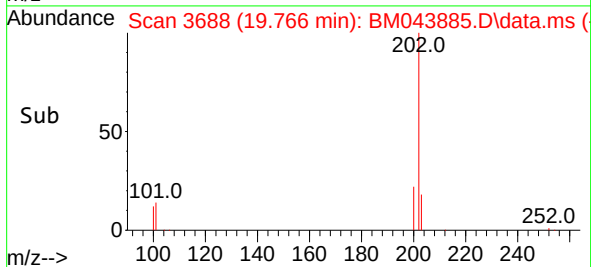
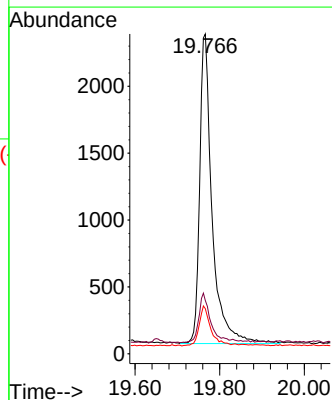
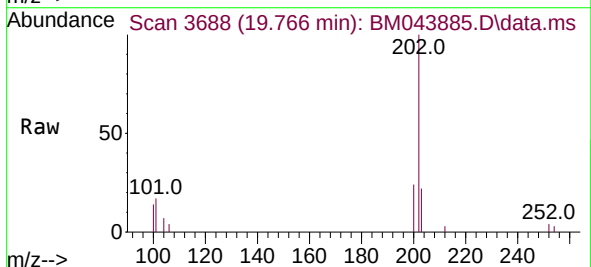
Tgt Ion:202 Resp: 4733

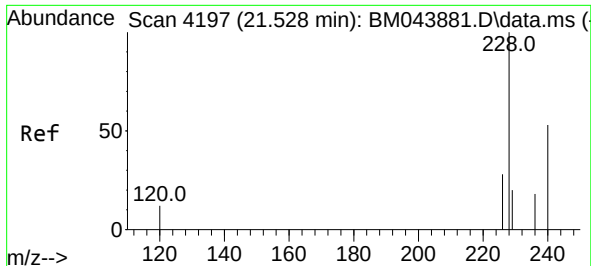
Ion Ratio Lower Upper

202 100

101 16.7 11.9 17.9

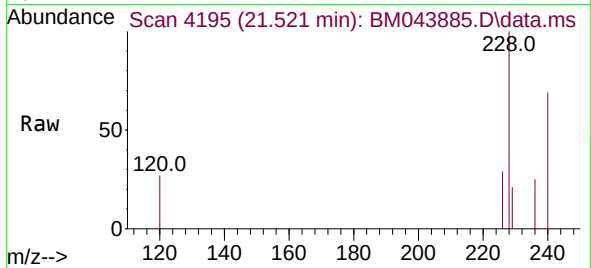
100 14.1 9.5 14.3



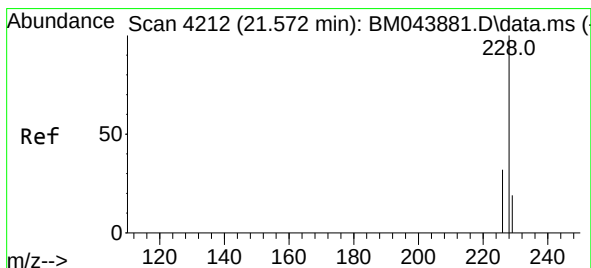
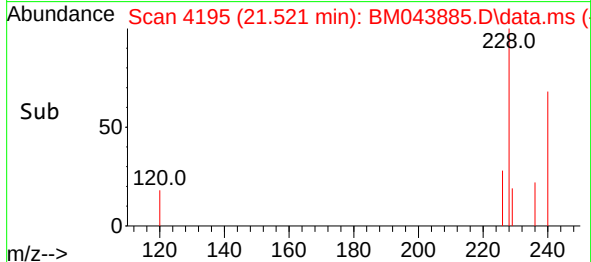
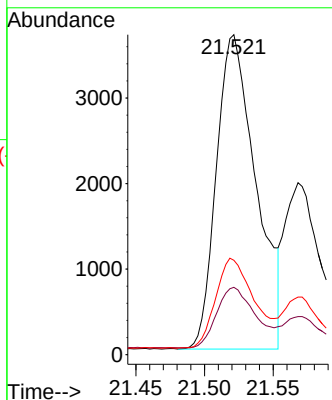


#21
Benzo(a)anthracene
Concen: 0.224 ng/ul
RT: 21.521 min Scan# 4195
Delta R.T. -0.002 min
Lab File: BM043885.D
Acq: 22 Jan 2024 14:17

Instrument :
BNA_M
ClientSampleId :
XA317DL2

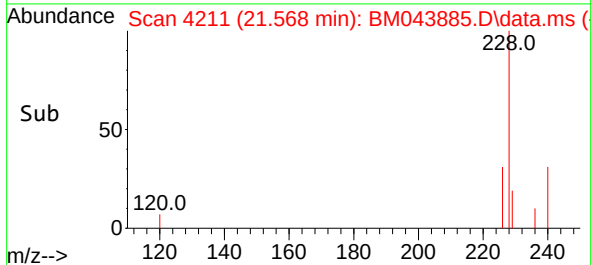
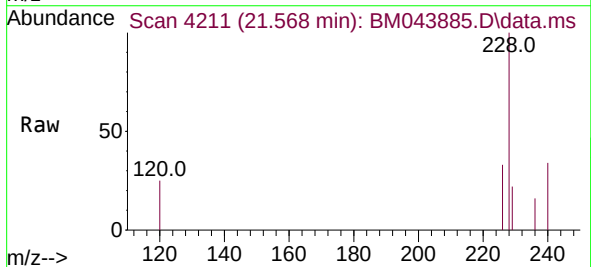
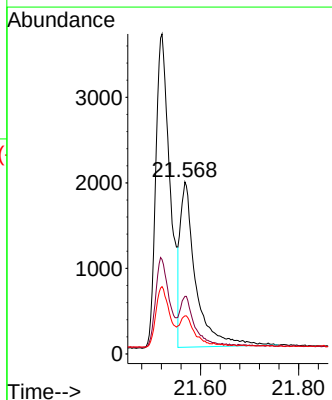


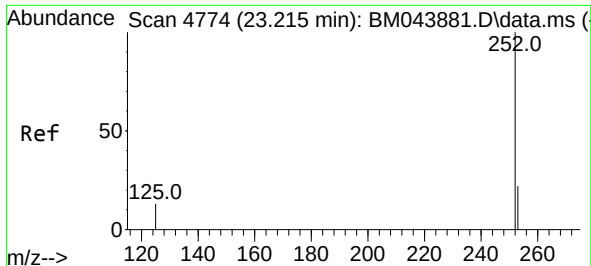
Tgt Ion:228 Resp: 7384
Ion Ratio Lower Upper
228 100
229 21.0 16.5 24.7
226 29.5 23.1 34.7



#22
Chrysene
Concen: 0.096 ng/ul
RT: 21.568 min Scan# 4211
Delta R.T. -0.005 min
Lab File: BM043885.D
Acq: 22 Jan 2024 14:17

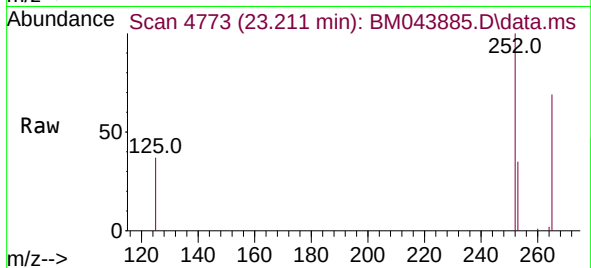
Tgt Ion:228 Resp: 4287
Ion Ratio Lower Upper
228 100
226 33.4 26.2 39.2
229 22.1 16.2 24.2



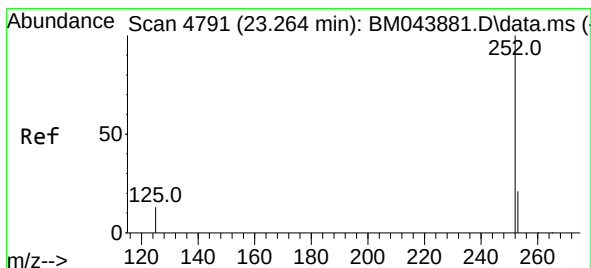
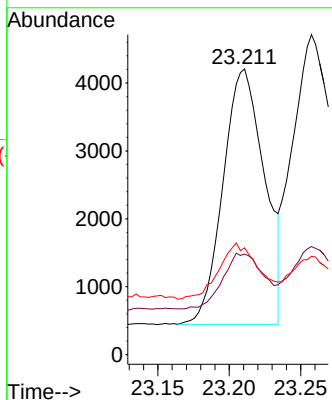


#24
Benzo(b)fluoranthene
Concen: 0.187 ng/ul
RT: 23.211 min Scan# 4773
Delta R.T. -0.005 min
Lab File: BM043885.D
Acq: 22 Jan 2024 14:17

Instrument :
BNA_M
ClientSampleId :
XA317DL2

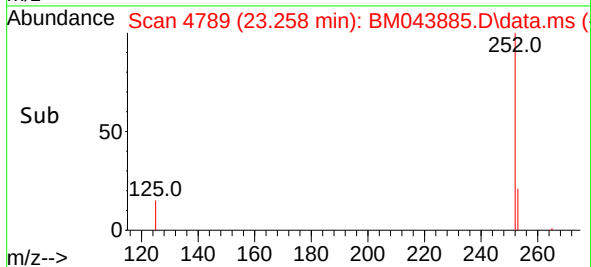
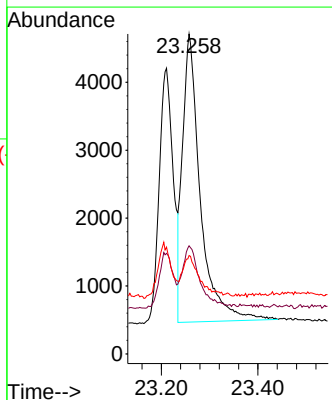
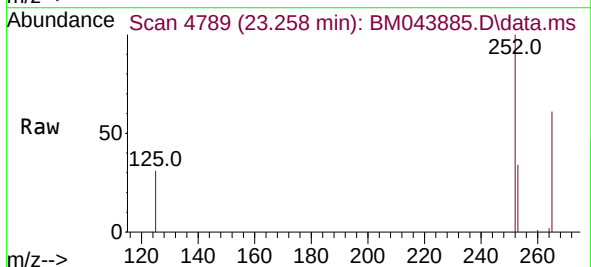


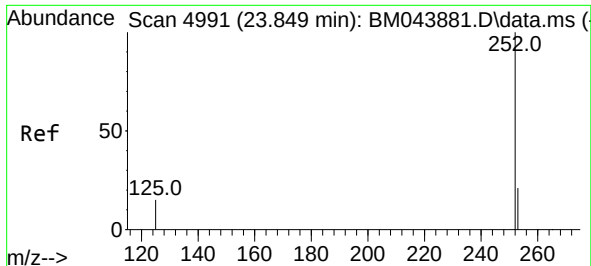
Tgt Ion:252 Resp: 7586
Ion Ratio Lower Upper
252 100
253 35.2 0.0 58.8
125 37.4 0.0 47.2



#25
Benzo(k)fluoranthene
Concen: 0.224 ng/ul
RT: 23.258 min Scan# 4789
Delta R.T. -0.008 min
Lab File: BM043885.D
Acq: 22 Jan 2024 14:17

Tgt Ion:252 Resp: 10873
Ion Ratio Lower Upper
252 100
253 33.8 24.2 36.2
125 30.7 17.9 26.9#

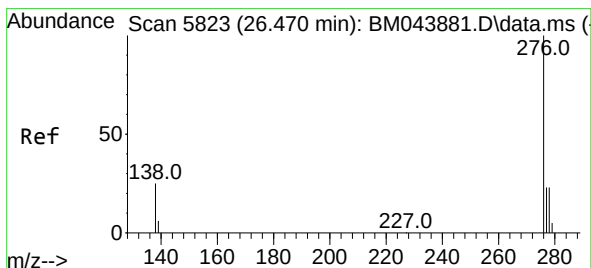
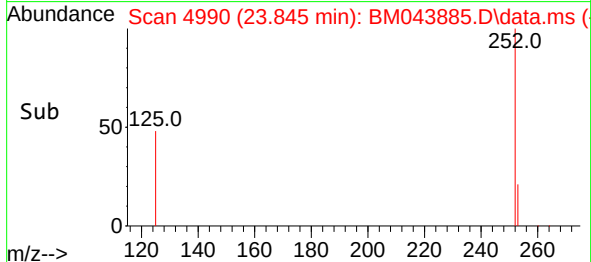
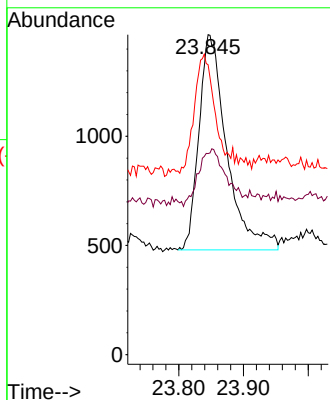
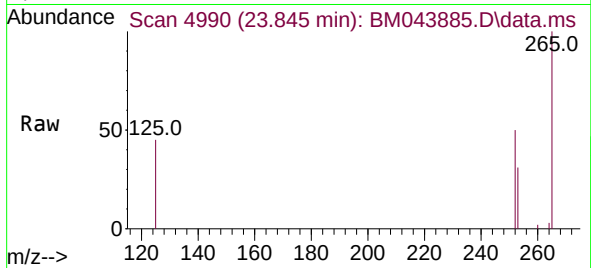




#26
Benzo(a)pyrene
Concen: 0.071 ng/ul
RT: 23.845 min Scan# 4991
Delta R.T. -0.008 min
Lab File: BM043885.D
Acq: 22 Jan 2024 14:17

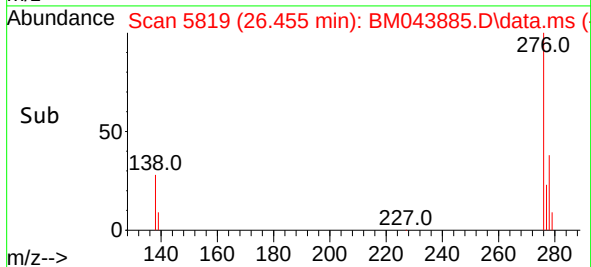
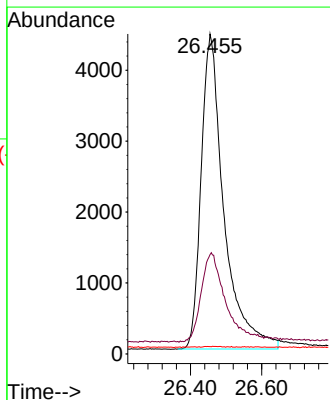
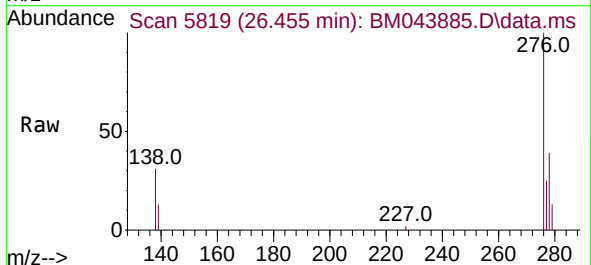
Instrument :
BNA_M
ClientSampleId :
XA317DL2

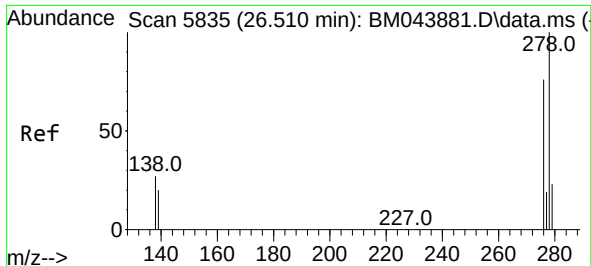
Tgt Ion:252 Resp: 2946
Ion Ratio Lower Upper
252 100
253 62.8 28.6 42.8#
125 90.6 26.9 40.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 26.455 min Scan# 5819
Delta R.T. -0.022 min
Lab File: BM043885.D
Acq: 22 Jan 2024 14:17

Tgt Ion:276 Resp: 19731
Ion Ratio Lower Upper
276 100
138 30.7 24.6 36.8
227 0.1 0.1 0.1#

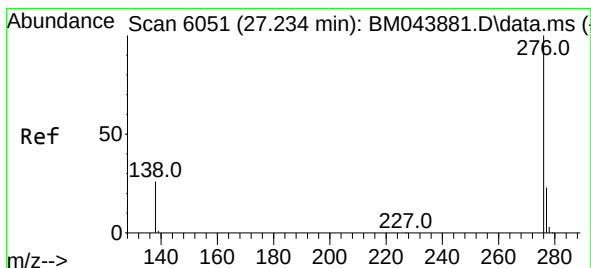
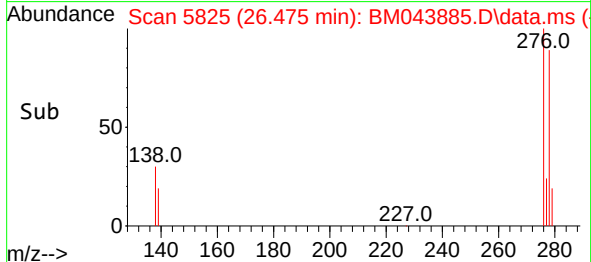
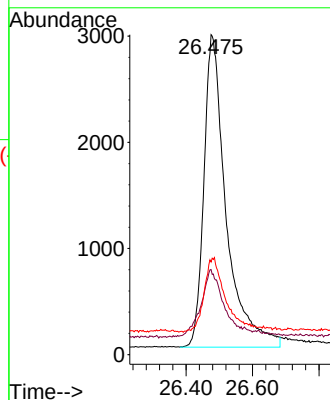
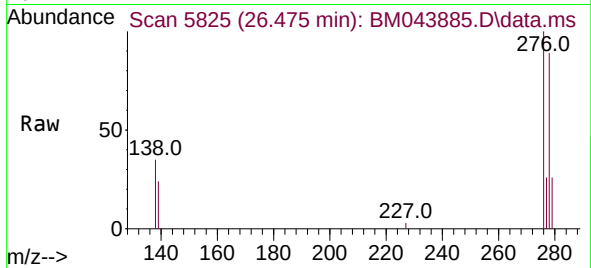




#28
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 26.475 min Scan# 5835
Delta R.T. -0.036 min
Lab File: BM043885.D
Acq: 22 Jan 2024 14:17

Instrument :
BNA_M
ClientSampleId :
XA317DL2

Tgt Ion:278 Resp: 13710
Ion Ratio Lower Upper
278 100
139 26.6 21.1 31.7
279 28.9 25.8 38.6



#29
Benzo(g,h,i)perylene
Concen: 0.268 ng/ul
RT: 27.226 min Scan# 6049
Delta R.T. -0.019 min
Lab File: BM043885.D
Acq: 22 Jan 2024 14:17

Tgt Ion:276 Resp: 12745
Ion Ratio Lower Upper
276 100
138 31.1 24.0 36.0
277 26.1 20.6 31.0

