

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012224\
 Data File : BM043888.D
 Acq On : 22 Jan 2024 17:07
 Operator : MA/JU
 Sample : P1160-03DL2 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 XA312DL2

Quant Time: Jan 23 00:52:00 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)

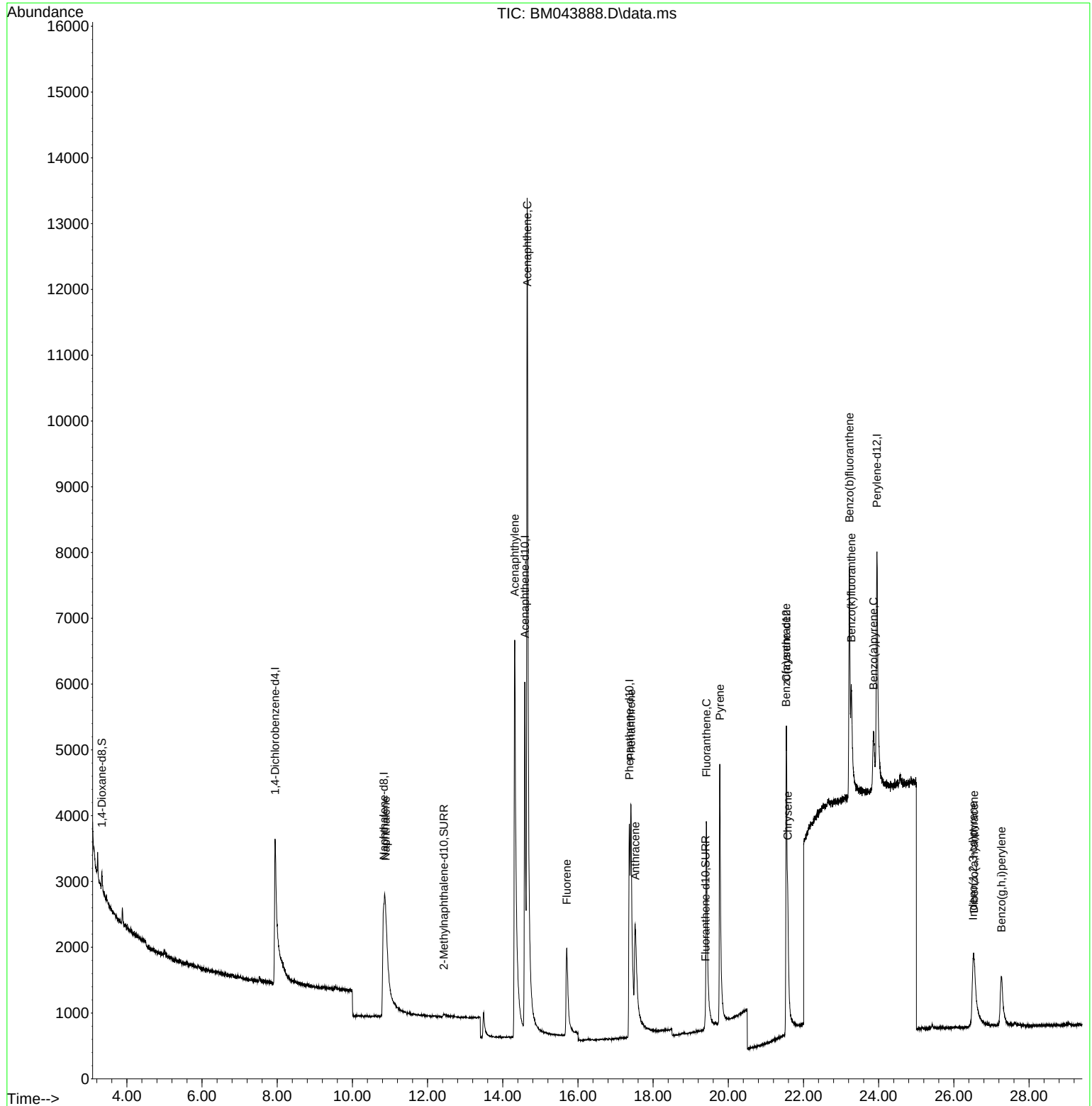
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.943	152	3658	0.400 ng/ul	0.01
4) Naphthalene-d8	10.837	136	9424	0.400 ng/ul	# 0.07
9) Acenaphthene-d10	14.584	164	5139m	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.368	188	8773	0.400 ng/ul	0.02
17) Chrysene-d12	21.544	240	6029	0.400 ng/ul	# 0.00
23) Perylene-d12	23.952	264	7863	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.336	96	201	0.040 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.431	152	294	0.025 ng/ul	0.07
18) Fluoranthene-d10	19.392	212	434	0.022 ng/ul	0.02
Target Compounds					
					Qvalue
5) Naphthalene	10.881	128	3355	0.122 ng/ul#	78
10) Acenaphthylene	14.316	152	16766	0.610 ng/ul	100
11) Acenaphthene	14.649	153	12332	0.603 ng/ul	99
12) Fluorene	15.699	166	2036	0.096 ng/ul#	93
15) Phenanthrene	17.410	178	5518	0.198 ng/ul	94
16) Anthracene	17.520	178	4740m	0.183 ng/ul	
19) Fluoranthene	19.415	202	5533	0.173 ng/ul#	93
20) Pyrene	19.773	202	6105	0.182 ng/ul	95
21) Benzo(a)anthracene	21.538	228	1906	0.081 ng/ul	93
22) Chrysene	21.579	228	2344	0.074 ng/ul#	92
24) Benzo(b)fluoranthene	23.221	252	5782	0.193 ng/ul	82
25) Benzo(k)fluoranthene	23.268	252	3854m	0.107 ng/ul	
26) Benzo(a)pyrene	23.865	252	2494	0.082 ng/ul#	35
27) Indeno(1,2,3-cd)pyrene	26.507	276	2599	0.066 ng/ul#	44
28) Dibenzo(a,h)anthracene	26.534	278	2390	0.079 ng/ul#	53
29) Benzo(g,h,i)perylene	27.262	276	2651	0.075 ng/ul#	70

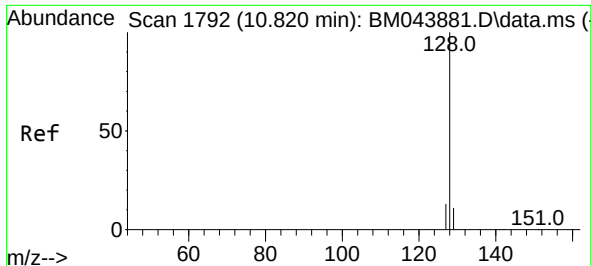
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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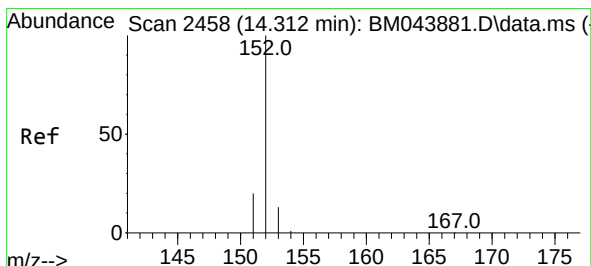
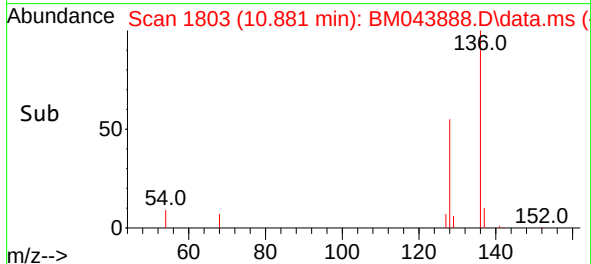
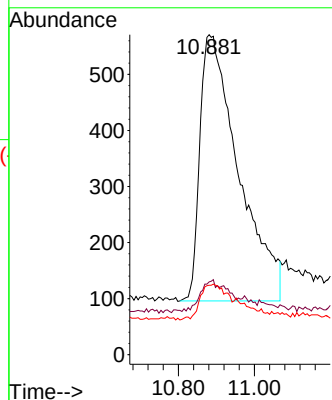
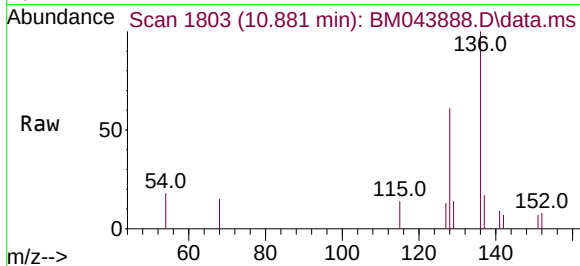




#5
Naphthalene
Concen: 0.122 ng/ul
RT: 10.881 min Scan# 1803
Delta R.T. 0.066 min
Lab File: BM043888.D
Acq: 22 Jan 2024 17:07

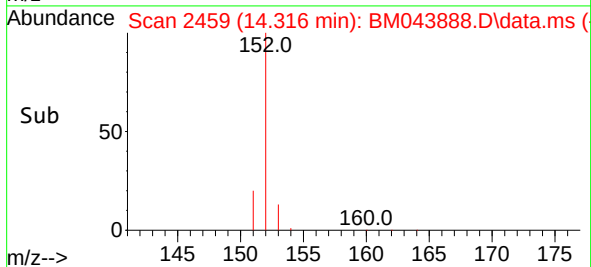
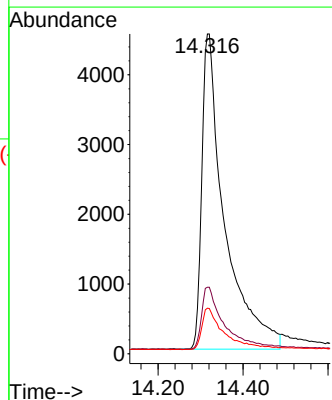
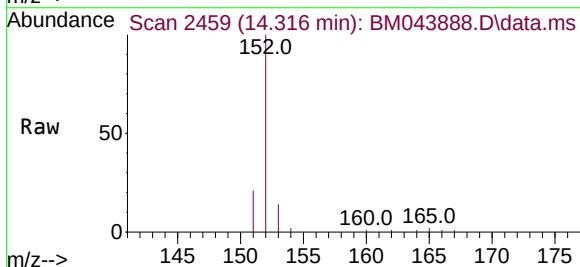
Instrument :
BNA_M
ClientSampleId :
XA312DL2

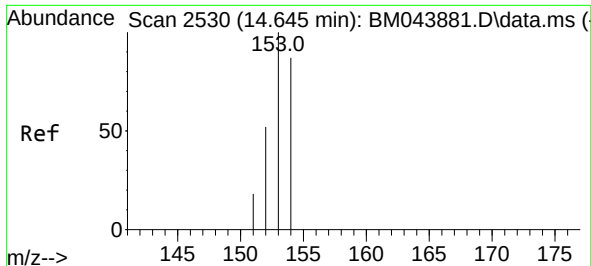
Tgt Ion:128 Resp: 3355
Ion Ratio Lower Upper
128 100
129 22.8 10.0 15.0#
127 21.7 11.4 17.0#



#10
Acenaphthylene
Concen: 0.610 ng/ul
RT: 14.316 min Scan# 2459
Delta R.T. 0.005 min
Lab File: BM043888.D
Acq: 22 Jan 2024 17:07

Tgt Ion:152 Resp: 16766
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 14.3 11.7 17.5

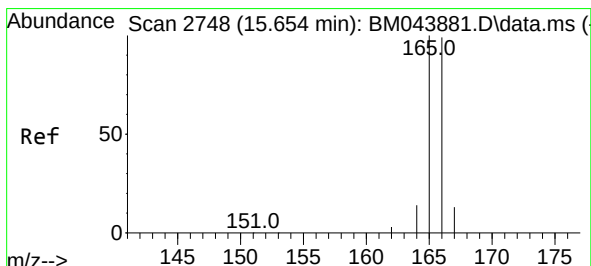
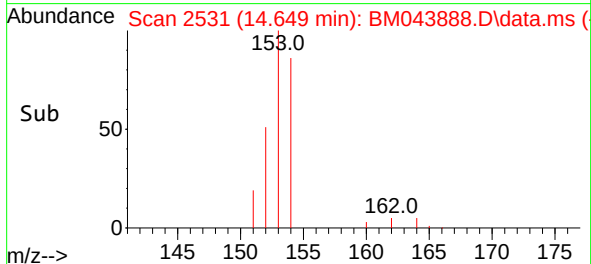
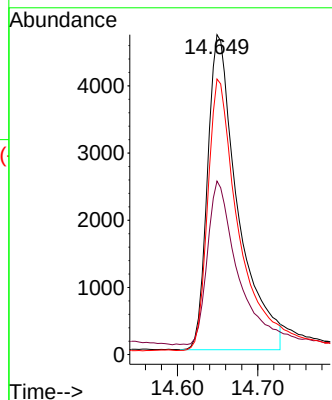
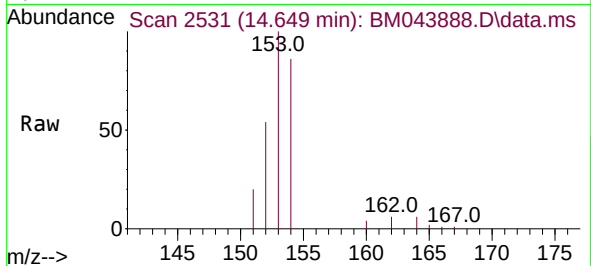




#11
Acenaphthene
Concen: 0.603 ng/ul
RT: 14.649 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM043888.D
Acq: 22 Jan 2024 17:07

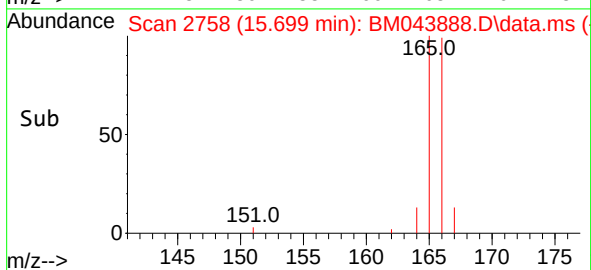
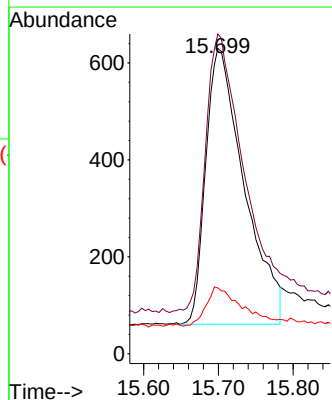
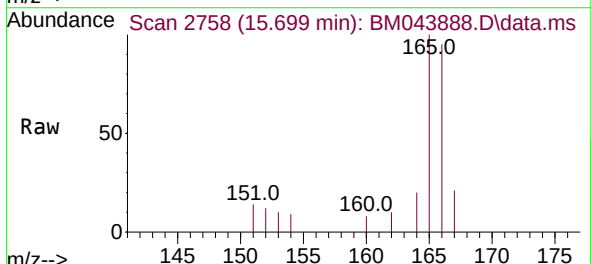
Instrument :
BNA_M
ClientSampleId :
XA312DL2

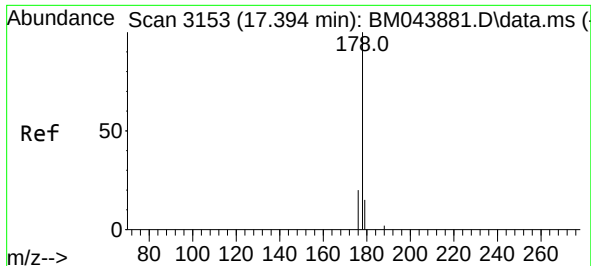
Tgt Ion:	153	Resp:	12332
Ion Ratio	Lower	Upper	
153	100		
152	54.2	42.1	63.1
154	86.1	69.0	103.6



#12
Fluorene
Concen: 0.096 ng/ul
RT: 15.699 min Scan# 2758
Delta R.T. 0.046 min
Lab File: BM043888.D
Acq: 22 Jan 2024 17:07

Tgt Ion:	166	Resp:	2036
Ion Ratio	Lower	Upper	
166	100		
165	104.8	79.2	118.8
167	21.6	11.4	17.2

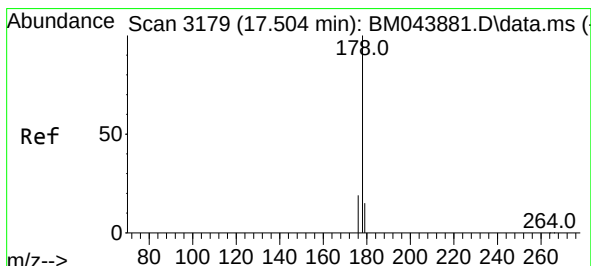
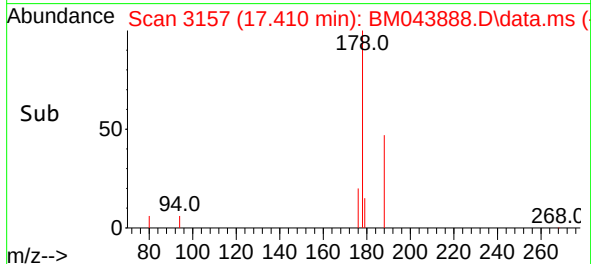
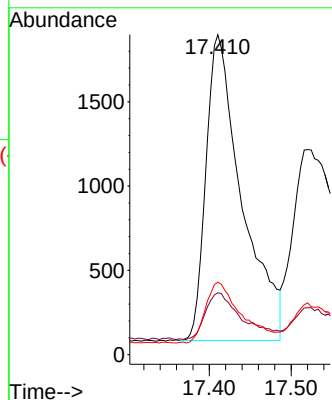
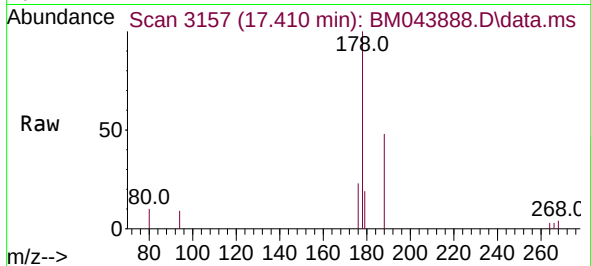




#15
Phenanthrene
Concen: 0.198 ng/ul
RT: 17.410 min Scan# 3157
Delta R.T. 0.017 min
Lab File: BM043888.D
Acq: 22 Jan 2024 17:07

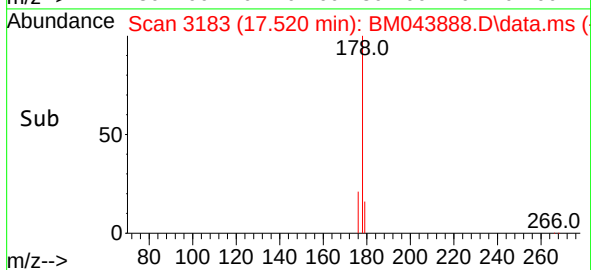
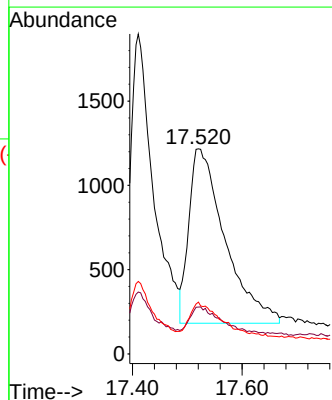
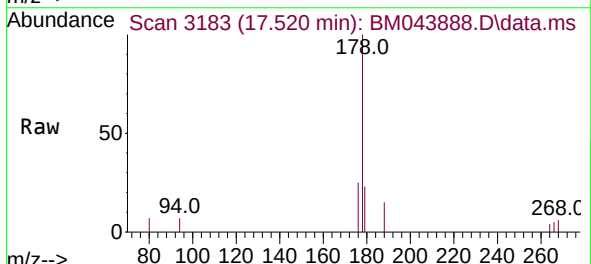
Instrument :
BNA_M
ClientSampleId :
XA312DL2

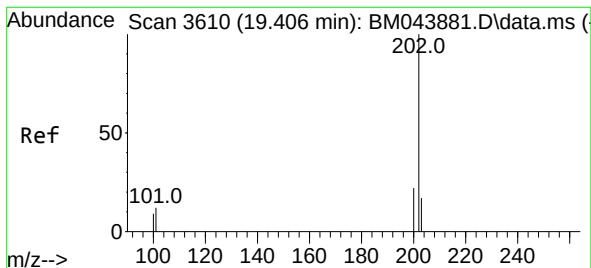
Tgt Ion:	178	Resp:	5518
Ion Ratio	Lower	Upper	
178	100		
179	19.3	13.0	19.6
176	22.6	16.4	24.6



#16
Anthracene
Concen: 0.183 ng/ul m
RT: 17.520 min Scan# 3183
Delta R.T. 0.025 min
Lab File: BM043888.D
Acq: 22 Jan 2024 17:07

Tgt Ion:	178	Resp:	4740
Ion Ratio	Lower	Upper	
178	100		
179	22.8	13.2	19.8#
176	25.2	16.2	24.2#





#19

Fluoranthene

Concen: 0.173 ng/ul

RT: 19.415 min Scan# 3612

Delta R.T. 0.014 min

Lab File: BM043888.D

Acq: 22 Jan 2024 17:07

Instrument :

BNA_M

ClientSampleId :

XA312DL2

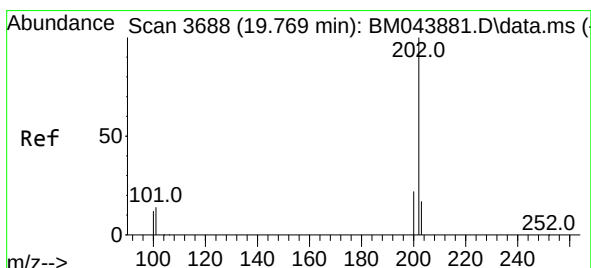
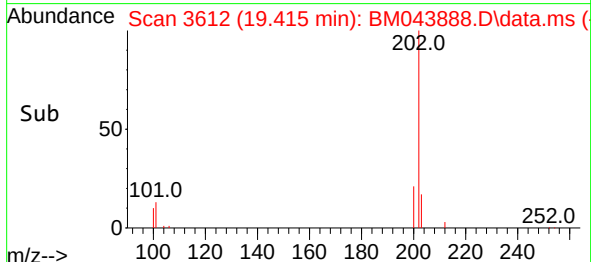
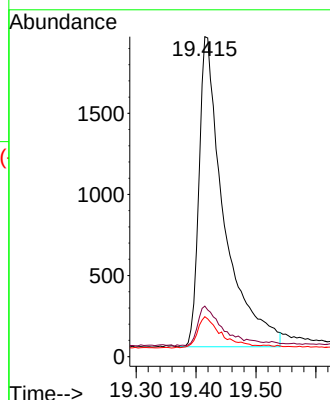
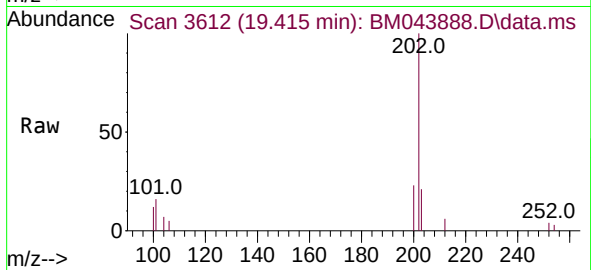
Tgt Ion:202 Resp: 5533

Ion Ratio Lower Upper

202 100

101 15.8 10.1 15.1#

100 12.5 8.0 12.0#



#20

Pyrene

Concen: 0.182 ng/ul

RT: 19.773 min Scan# 3689

Delta R.T. 0.005 min

Lab File: BM043888.D

Acq: 22 Jan 2024 17:07

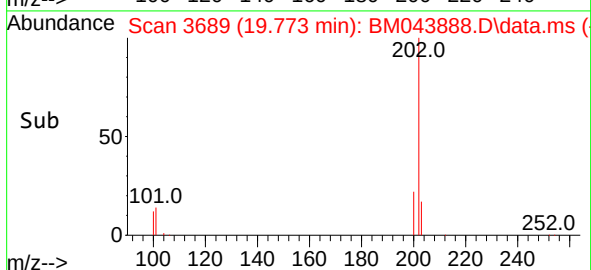
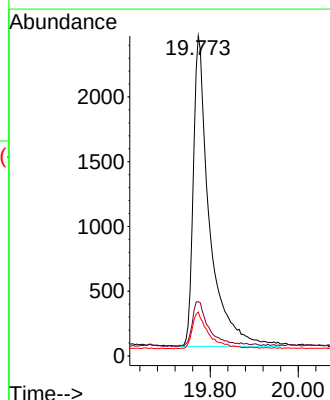
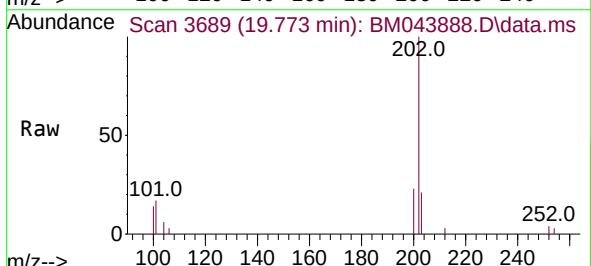
Tgt Ion:202 Resp: 6105

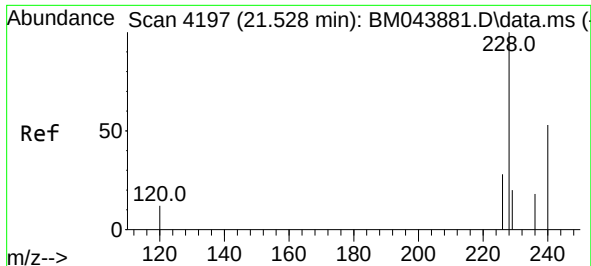
Ion Ratio Lower Upper

202 100

101 16.9 11.9 17.9

100 13.7 9.5 14.3

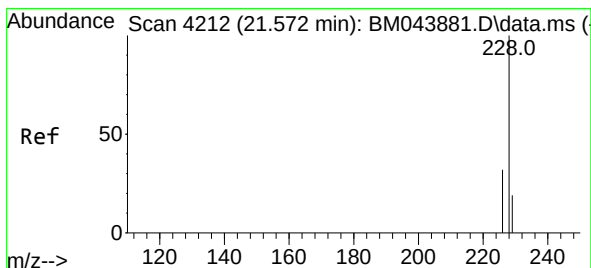
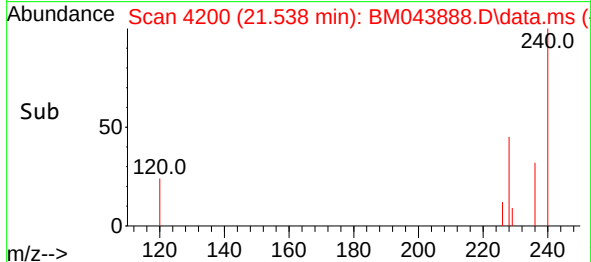
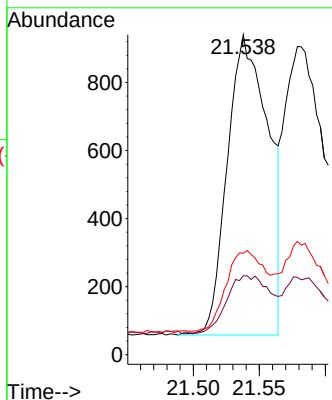
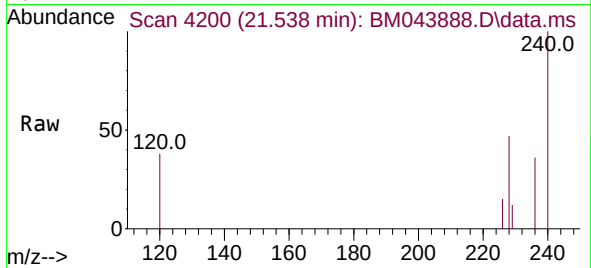




#21
Benzo(a)anthracene
Concen: 0.081 ng/u1
RT: 21.538 min Scan# 4197
Delta R.T. 0.015 min
Lab File: BM043888.D
Acq: 22 Jan 2024 17:07

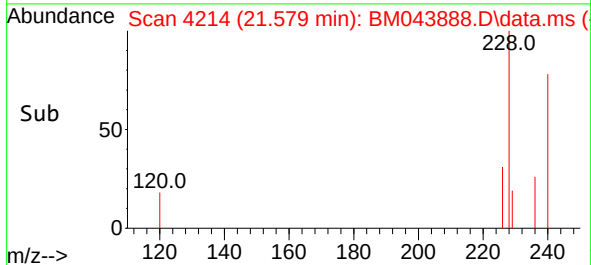
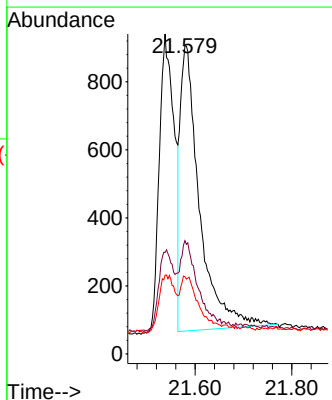
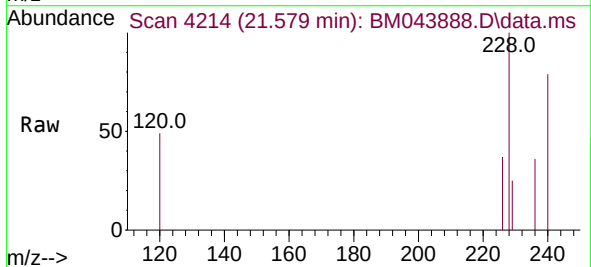
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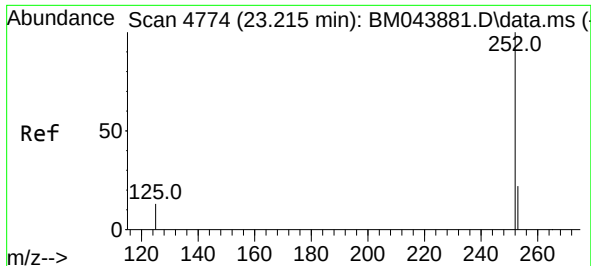
Tgt Ion:228 Resp: 1906
Ion Ratio Lower Upper
228 100
229 24.7 16.5 24.7
226 31.7 23.1 34.7



#22
Chrysene
Concen: 0.074 ng/u1
RT: 21.579 min Scan# 4214
Delta R.T. 0.006 min
Lab File: BM043888.D
Acq: 22 Jan 2024 17:07

Tgt Ion:228 Resp: 2344
Ion Ratio Lower Upper
228 100
226 36.8 26.2 39.2
229 25.1 16.2 24.2#

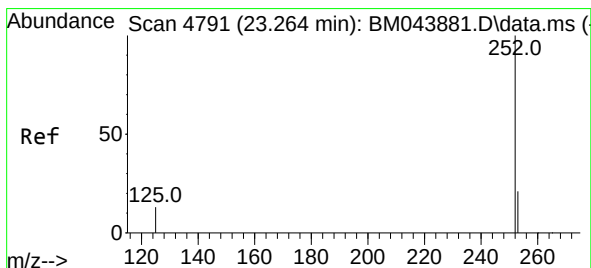
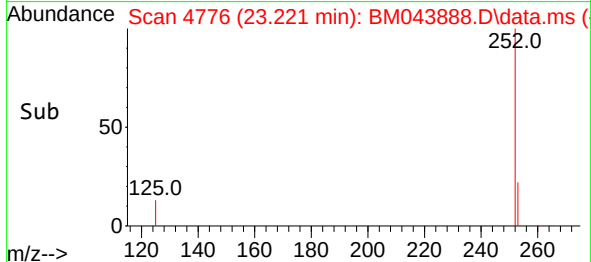
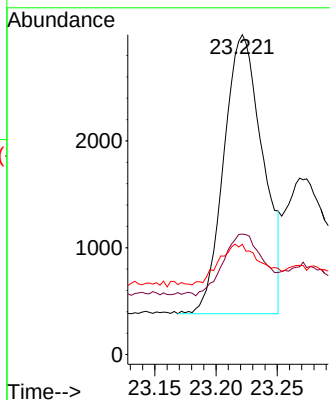
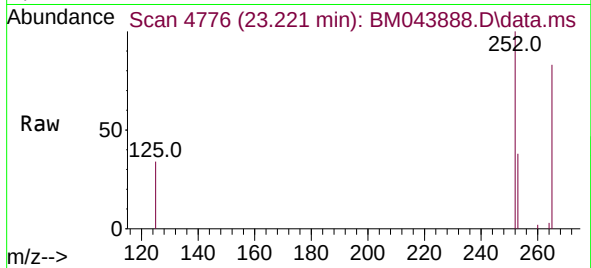




#24
Benzo(b)fluoranthene
Concen: 0.193 ng/ul
RT: 23.221 min Scan# 4776
Delta R.T. 0.006 min
Lab File: BM043888.D
Acq: 22 Jan 2024 17:07

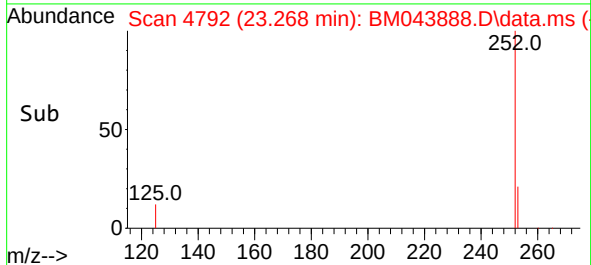
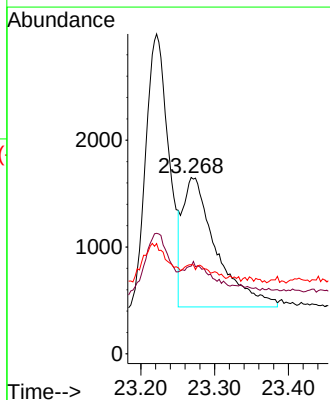
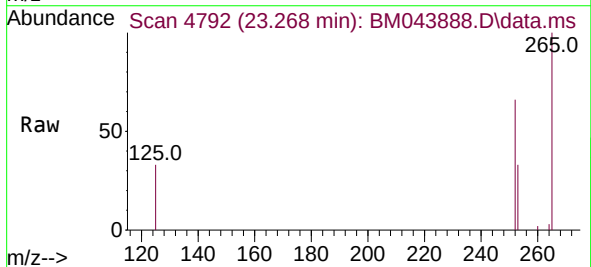
Instrument :
BNA_M
ClientSampleId :
XA312DL2

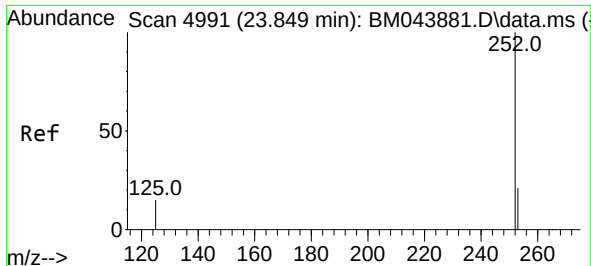
Tgt Ion:252 Resp: 5782
Ion Ratio Lower Upper
252 100
253 37.7 0.0 58.8
125 34.5 0.0 47.2



#25
Benzo(k)fluoranthene
Concen: 0.107 ng/ul m
RT: 23.268 min Scan# 4792
Delta R.T. 0.003 min
Lab File: BM043888.D
Acq: 22 Jan 2024 17:07

Tgt Ion:252 Resp: 3854
Ion Ratio Lower Upper
252 100
253 49.7 24.2 36.2#
125 50.6 17.9 26.9#

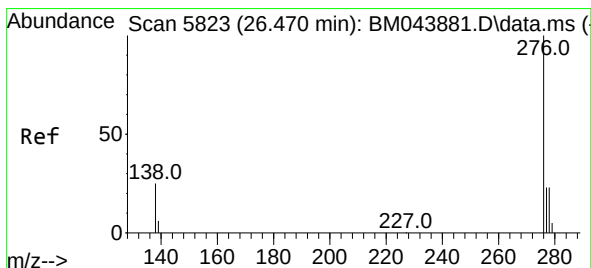
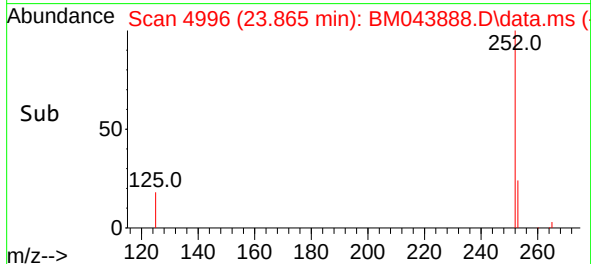
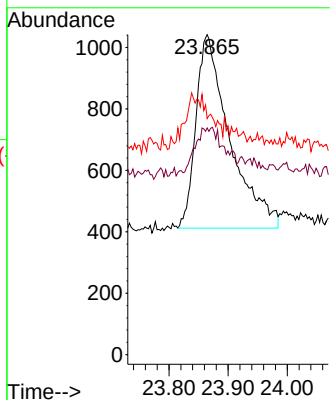
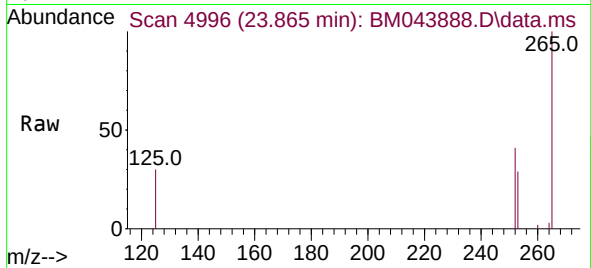




#26
Benzo(a)pyrene
Concen: 0.082 ng/ul
RT: 23.865 min Scan# 4996
Delta R.T. 0.012 min
Lab File: BM043888.D
Acq: 22 Jan 2024 17:07

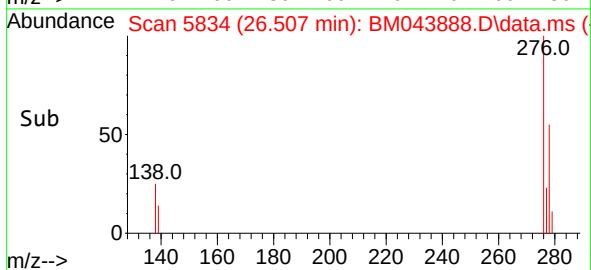
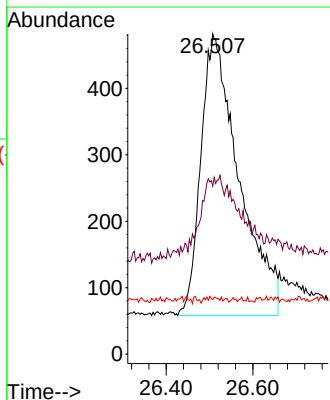
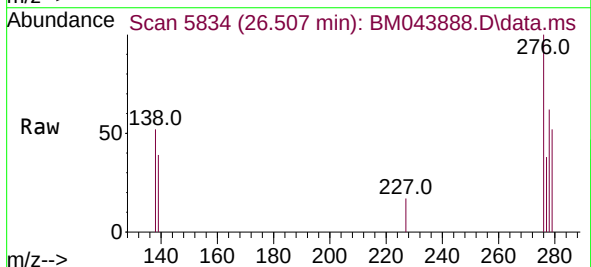
Instrument :
BNA_M
ClientSampleId :
XA312DL2

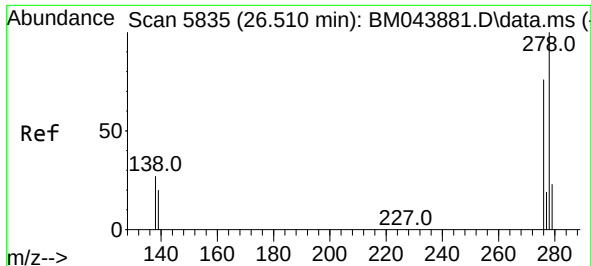
Tgt Ion:252 Resp: 2494
Ion Ratio Lower Upper
252 100
253 70.8 28.6 42.8#
125 73.8 26.9 40.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.066 ng/ul
RT: 26.507 min Scan# 5834
Delta R.T. 0.030 min
Lab File: BM043888.D
Acq: 22 Jan 2024 17:07

Tgt Ion:276 Resp: 2599
Ion Ratio Lower Upper
276 100
138 0.0 24.6 36.8#
227 0.4 0.1 0.1#



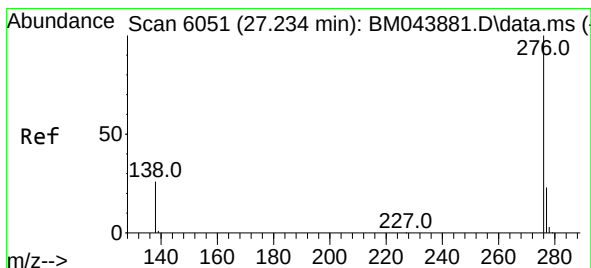
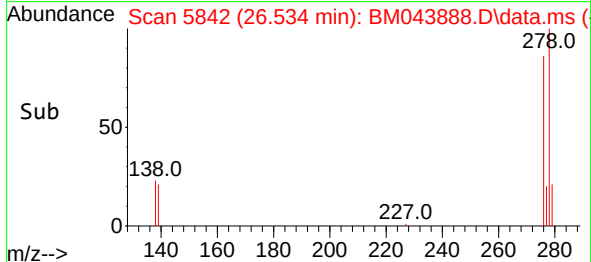
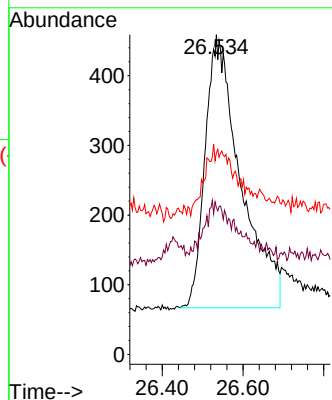
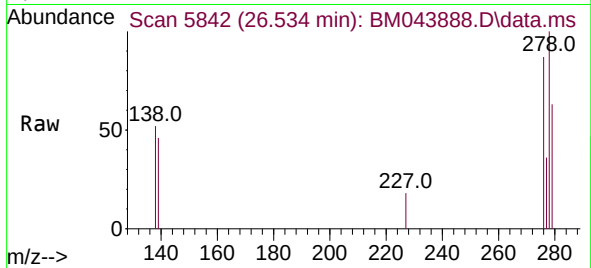


#28
Dibenzo(a,h)anthracene
Concen: 0.079 ng/ul
RT: 26.534 min Scan# 5835
Delta R.T. 0.024 min
Lab File: BM043888.D
Acq: 22 Jan 2024 17:07

Instrument :
BNA_M
ClientSampleId :
XA312DL2

Tgt Ion:278 Resp: 2390

Ion	Ratio	Lower	Upper
278	100		
139	46.0	21.1	31.7#
279	63.0	25.8	38.6#



#29
Benzo(g,h,i)perylene
Concen: 0.075 ng/ul
RT: 27.262 min Scan# 6059
Delta R.T. 0.017 min
Lab File: BM043888.D
Acq: 22 Jan 2024 17:07

Tgt Ion:276 Resp: 2651

Ion	Ratio	Lower	Upper
276	100		
138	49.6	24.0	36.0#
277	37.1	20.6	31.0#

