

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042610.D
 Acq On : 07 Nov 2023 12:55
 Operator : MA/JU
 Sample : 05168-08DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 XA019DL

Quant Time: Nov 07 13:34:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

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

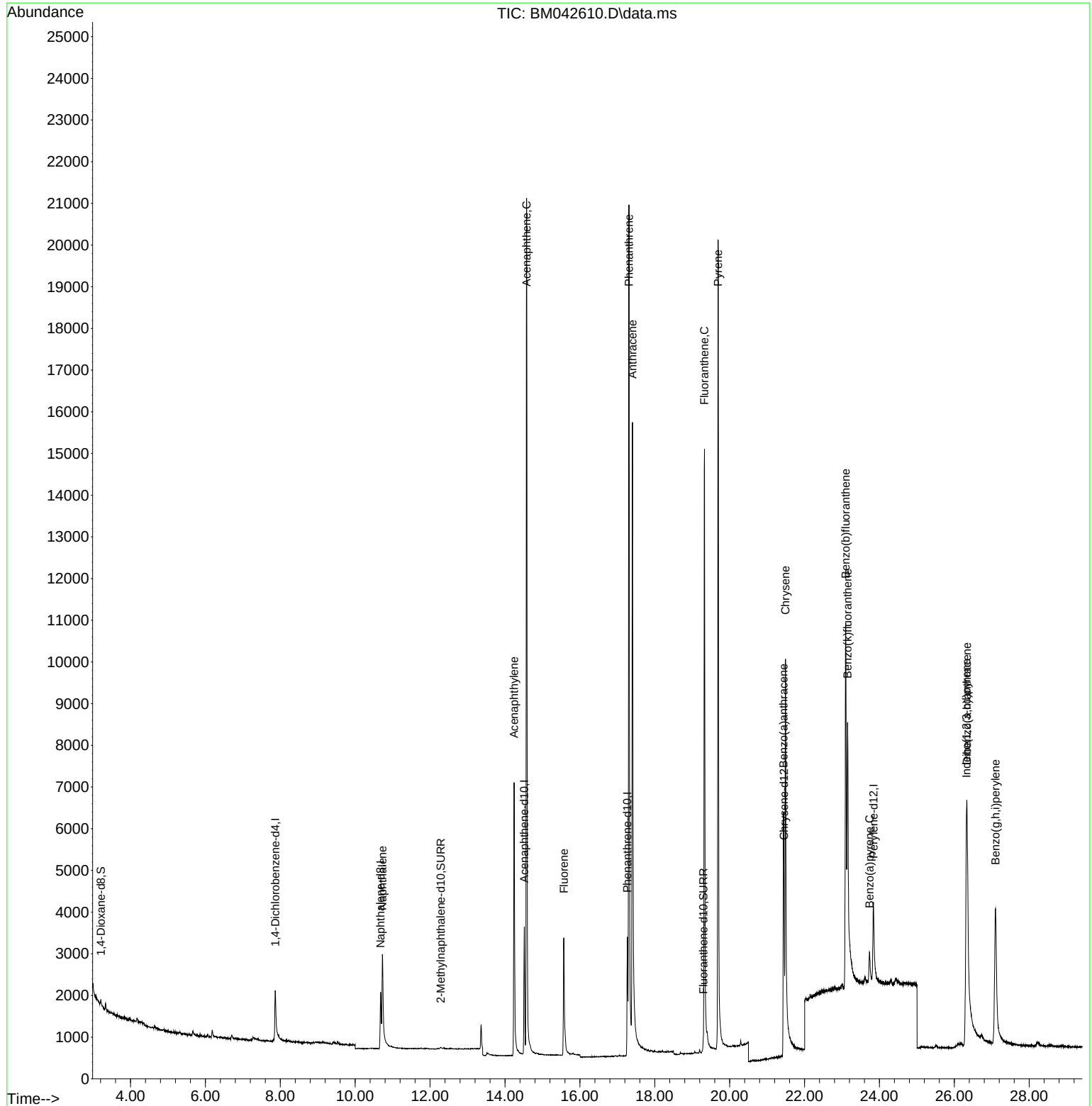
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	1069	0.400	ng/ul	0.00
4) Naphthalene-d8	10.678	136	2732	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.516	164	1698	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	3629	0.400	ng/ul	0.00
17) Chrysene-d12	21.452	240	2774	0.400	ng/ul	0.00
23) Perylene-d12	23.840	264	3232	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	146	0.103	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.284	152	138	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	355	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.727	128	4378	0.496	ng/ul	99
10) Acenaphthylene	14.243	152	8975	0.772	ng/ul	99
11) Acenaphthene	14.576	153	12920	1.639	ng/ul	99
12) Fluorene	15.571	166	2565	0.284	ng/ul	98
15) Phenanthrene	17.310	178	24142	1.716	ng/ul	96
16) Anthracene	17.403	178	20263	1.591	ng/ul	96
19) Fluoranthene	19.327	202	14869	0.858	ng/ul	97
20) Pyrene	19.690	202	19299	1.013	ng/ul	99
21) Benzo(a)anthracene	21.438	228	5386	0.436	ng/ul	99
22) Chrysene	21.490	228	9753	0.764	ng/ul	98
24) Benzo(b)fluoranthene	23.101	252	12901	0.988	ng/ul	88
25) Benzo(k)fluoranthene	23.147	252	9949	0.727	ng/ul#	89
26) Benzo(a)pyrene	23.735	252	1579	0.117	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	26.322	276	12005	0.683	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.339	278	8885	0.708	ng/ul#	87
29) Benzo(g,h,i)perylene	27.100	276	9298	0.569	ng/ul	95

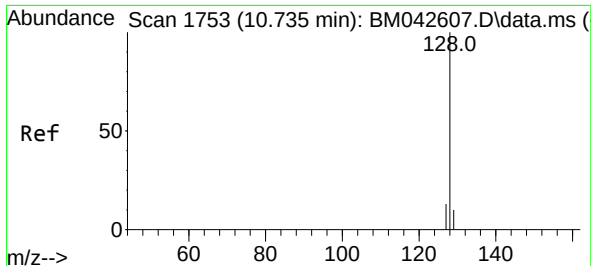
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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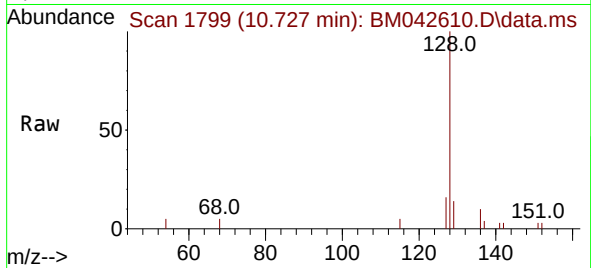
Quant Time: Nov 07 13:34:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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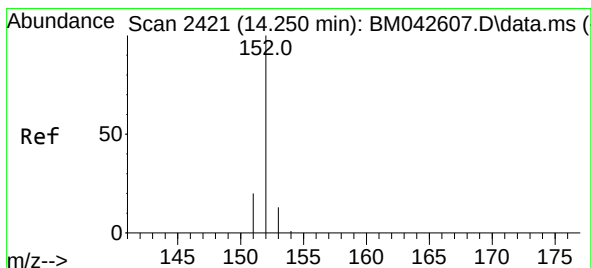
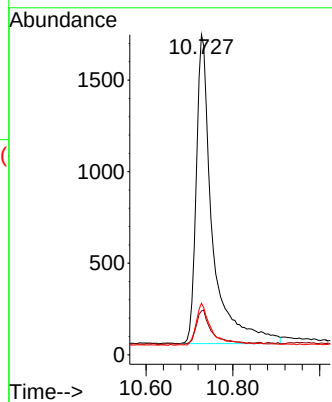
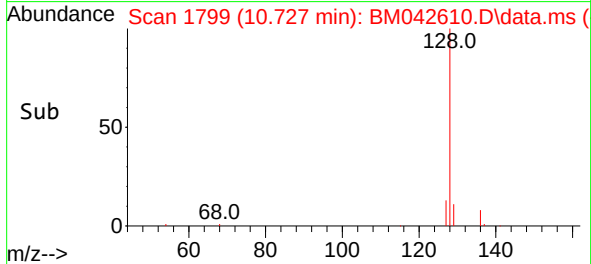


#5
Naphthalene
Concen: 0.496 ng/ul
RT: 10.727 min Scan# 1799
Delta R.T. -0.008 min
Lab File: BM042610.D
Acq: 07 Nov 2023 12:55

Instrument :
BNA_M
ClientSampleId :
XA019DL

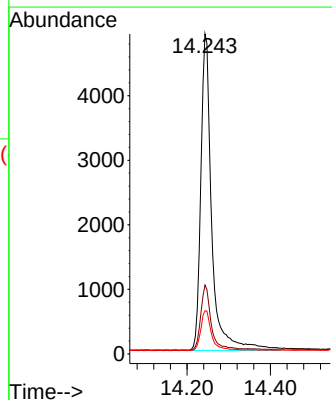
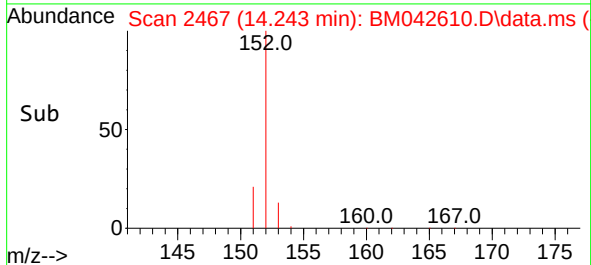
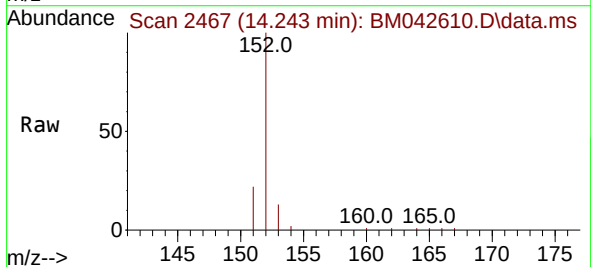


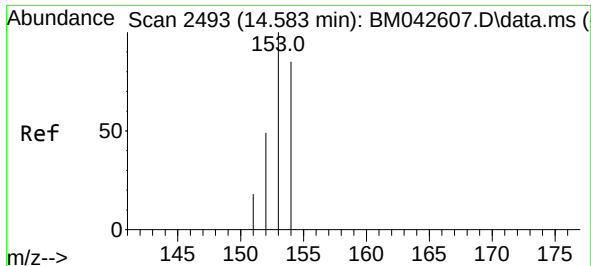
Tgt Ion:128 Resp: 4378
Ion Ratio Lower Upper
128 100
129 13.7 11.3 16.9
127 16.1 13.0 19.4



#10
Acenaphthylene
Concen: 0.772 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.002 min
Lab File: BM042610.D
Acq: 07 Nov 2023 12:55

Tgt Ion:152 Resp: 8975
Ion Ratio Lower Upper
152 100
151 21.5 17.2 25.8
153 13.5 11.8 17.8

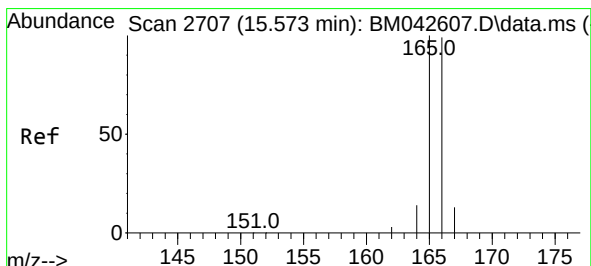
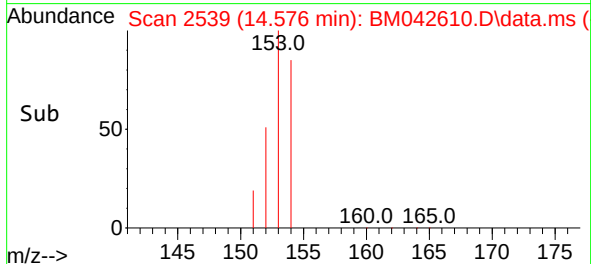
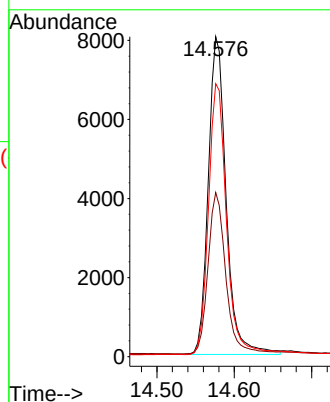
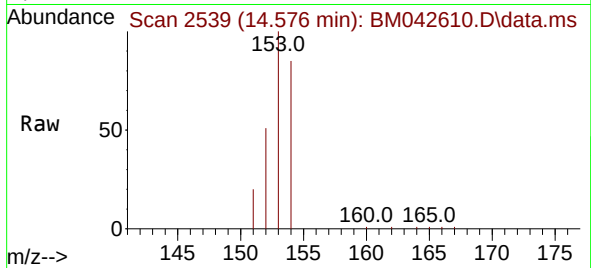




#11
Acenaphthene
Concen: 1.639 ng/ul
RT: 14.576 min Scan# 21
Delta R.T. -0.002 min
Lab File: BM042610.D
Acq: 07 Nov 2023 12:55

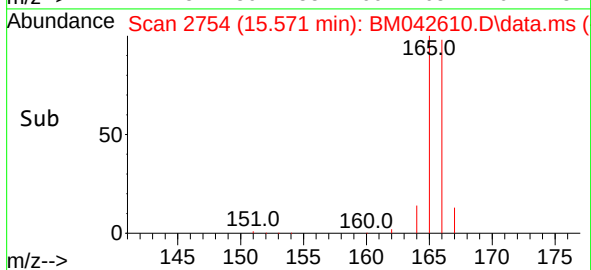
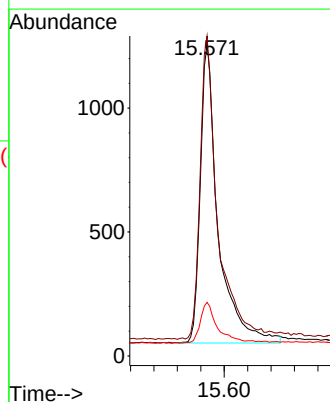
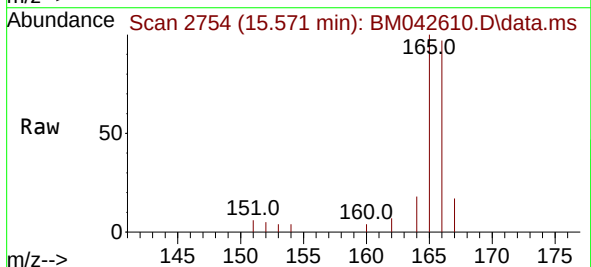
Instrument :
BNA_M
ClientSampleId :
XA019DL

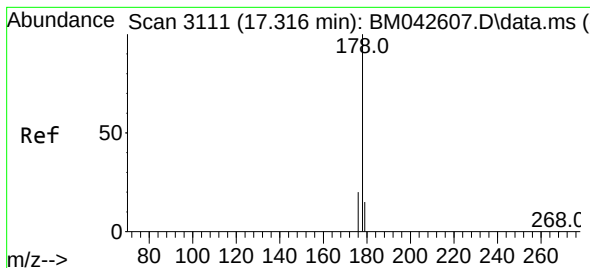
Tgt Ion:153 Resp: 12920
Ion Ratio Lower Upper
153 100
152 51.3 41.8 62.6
154 85.3 69.2 103.8



#12
Fluorene
Concen: 0.284 ng/ul
RT: 15.571 min Scan# 2754
Delta R.T. 0.002 min
Lab File: BM042610.D
Acq: 07 Nov 2023 12:55

Tgt Ion:166 Resp: 2565
Ion Ratio Lower Upper
166 100
165 102.8 81.2 121.8
167 17.2 11.9 17.9





#15

Phenanthrene

Concen: 1.716 ng/ul

RT: 17.310 min Scan# 3111

Delta R.T. -0.002 min

Lab File: BM042610.D

Acq: 07 Nov 2023 12:55

Instrument :

BNA_M

ClientSampleId :

XA019DL

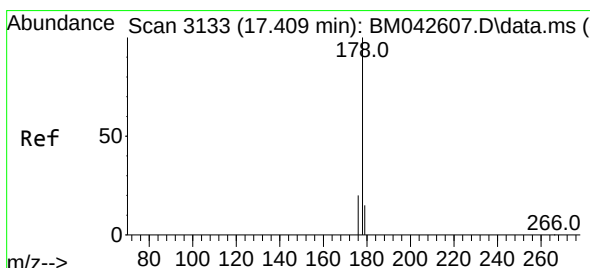
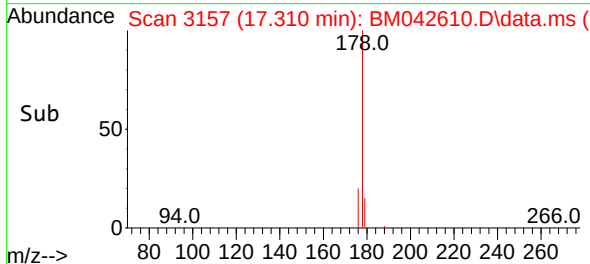
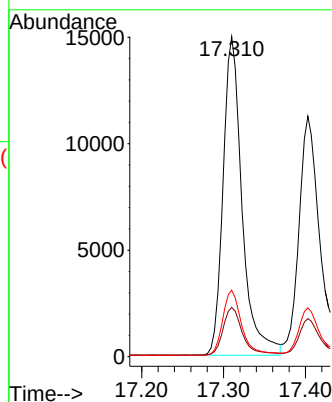
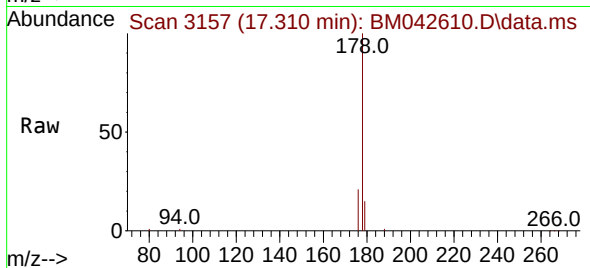
Tgt Ion:178 Resp: 24142

Ion Ratio Lower Upper

178 100

179 15.4 13.7 20.5

176 20.7 18.2 27.2



#16

Anthracene

Concen: 1.591 ng/ul

RT: 17.403 min Scan# 3179

Delta R.T. -0.006 min

Lab File: BM042610.D

Acq: 07 Nov 2023 12:55

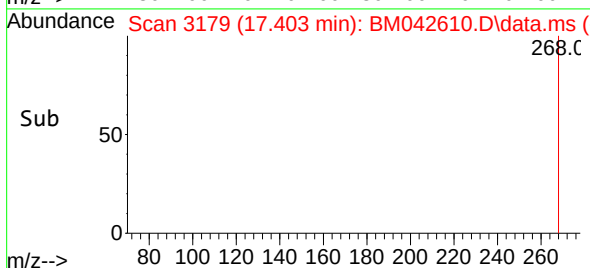
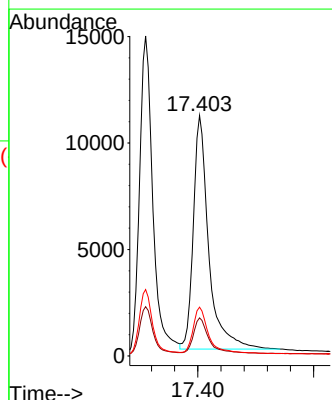
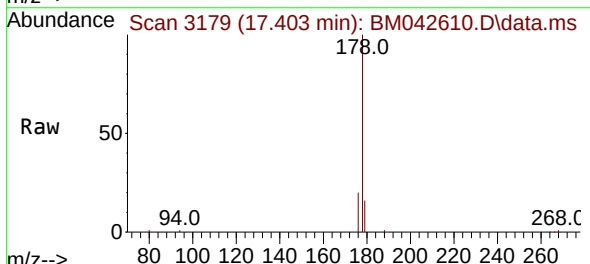
Tgt Ion:178 Resp: 20263

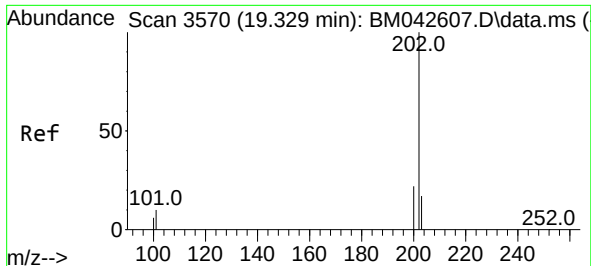
Ion Ratio Lower Upper

178 100

179 15.9 14.2 21.4

176 20.3 17.6 26.4

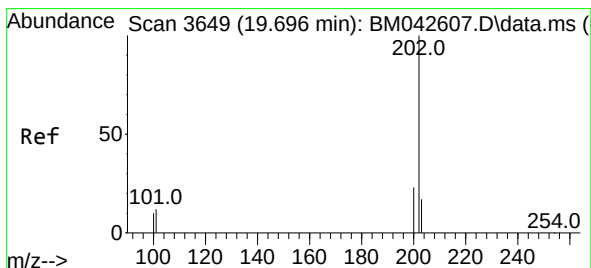
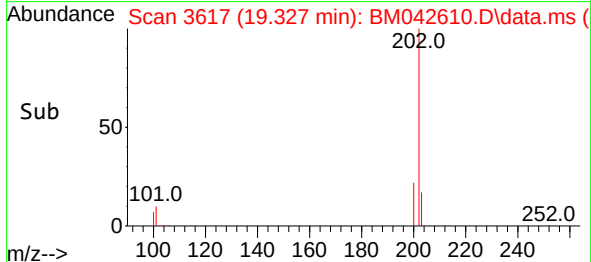
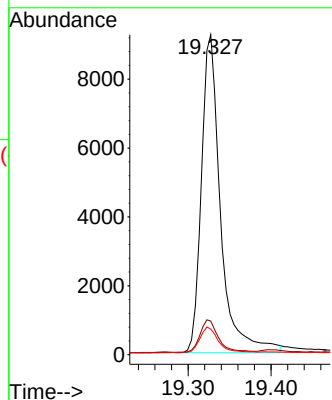
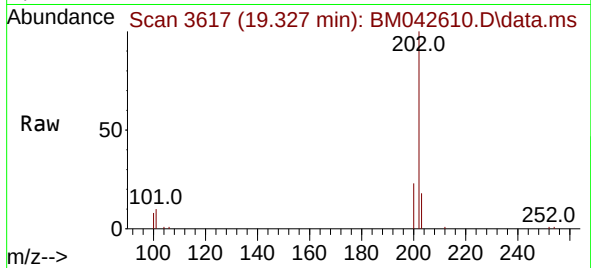




#19
Fluoranthene
Concen: 0.858 ng/ul
RT: 19.327 min Scan# 30
Delta R.T. -0.002 min
Lab File: BM042610.D
Acq: 07 Nov 2023 12:55

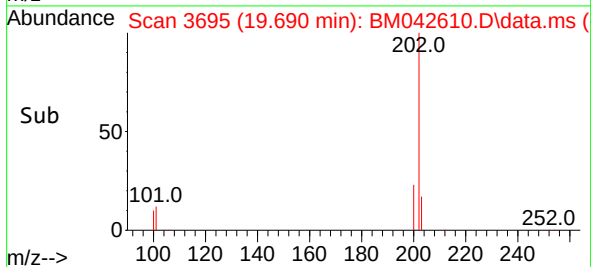
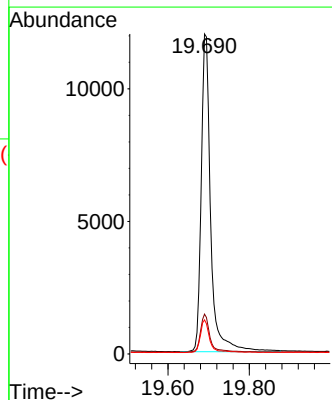
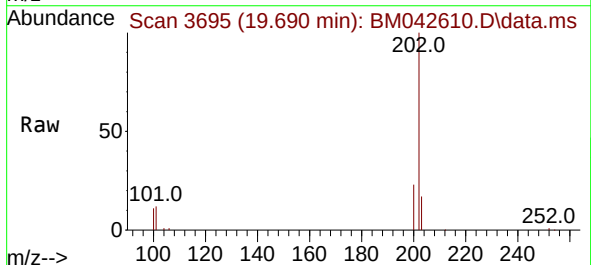
Instrument :
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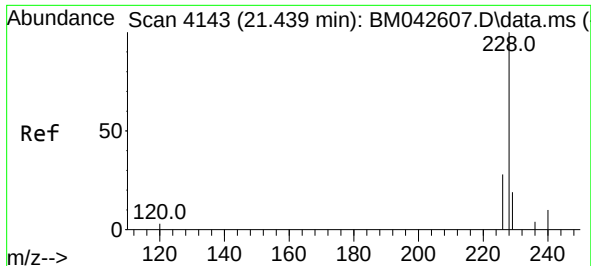
Tgt Ion:202 Resp: 14869
Ion Ratio Lower Upper
202 100
101 10.5 9.0 13.6
100 8.0 7.3 10.9



#20
Pyrene
Concen: 1.013 ng/ul
RT: 19.690 min Scan# 3695
Delta R.T. -0.007 min
Lab File: BM042610.D
Acq: 07 Nov 2023 12:55

Tgt Ion:202 Resp: 19299
Ion Ratio Lower Upper
202 100
101 12.5 10.6 16.0
100 10.7 8.6 13.0

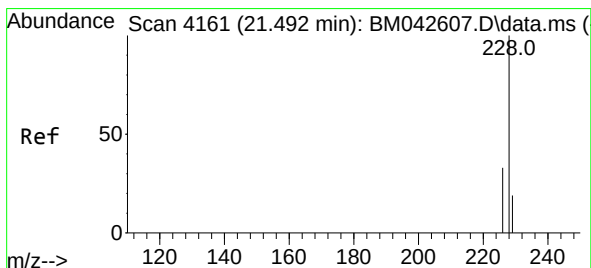
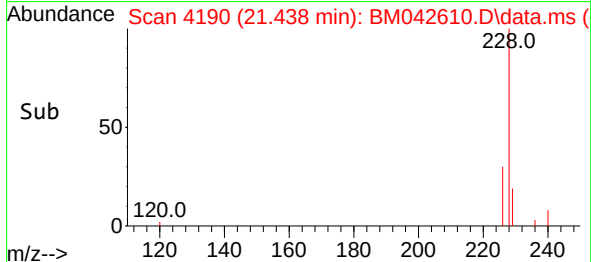
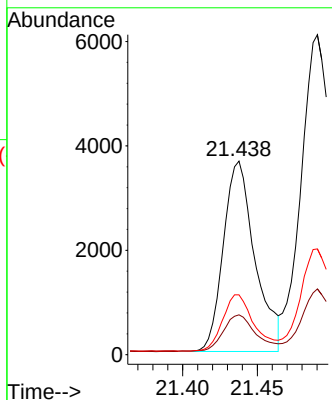
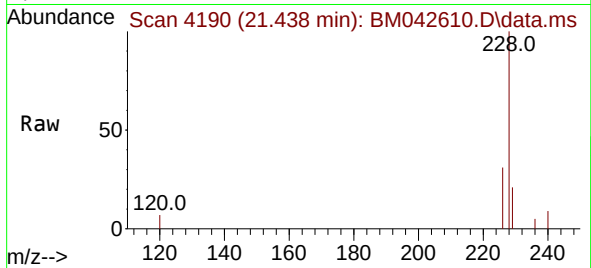




#21
Benzo(a)anthracene
Concen: 0.436 ng/ul
RT: 21.438 min Scan# 4143
Delta R.T. 0.001 min
Lab File: BM042610.D
Acq: 07 Nov 2023 12:55

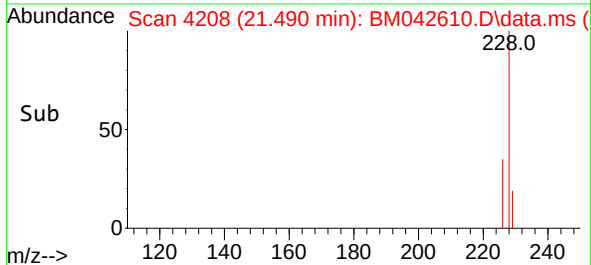
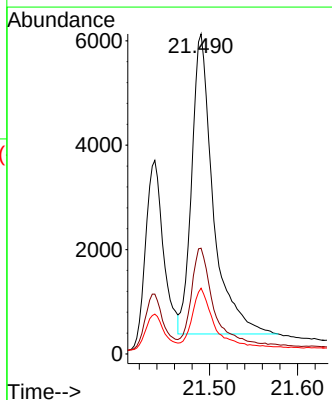
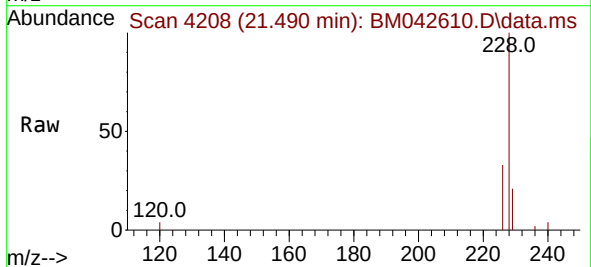
Instrument :
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ClientSampleId :
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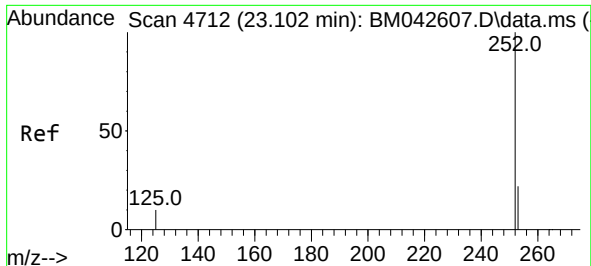
Tgt Ion:228 Resp: 5386
Ion Ratio Lower Upper
228 100
229 20.6 17.0 25.4
226 31.0 25.2 37.8



#22
Chrysene
Concen: 0.764 ng/ul
RT: 21.490 min Scan# 4208
Delta R.T. -0.002 min
Lab File: BM042610.D
Acq: 07 Nov 2023 12:55

Tgt Ion:228 Resp: 9753
Ion Ratio Lower Upper
228 100
226 33.0 27.4 41.0
229 20.5 17.0 25.6

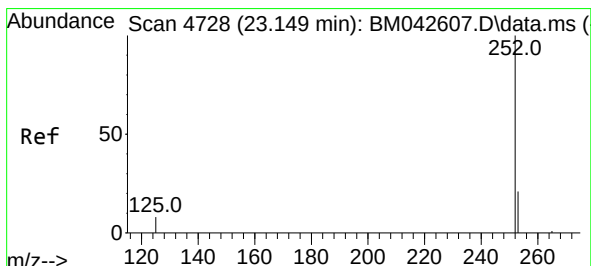
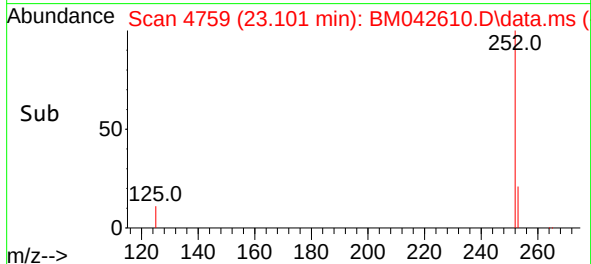
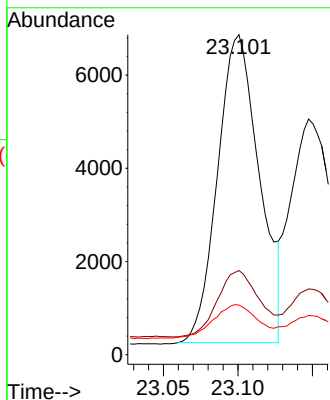
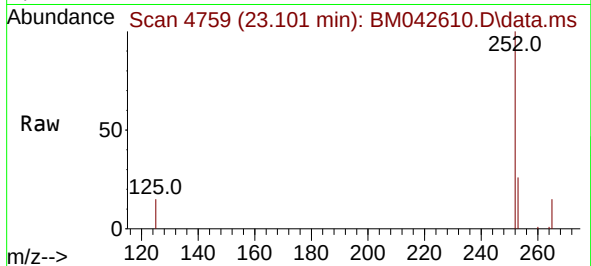




#24
Benzo(b)fluoranthene
Concen: 0.988 ng/ul
RT: 23.101 min Scan# 4712
Delta R.T. 0.001 min
Lab File: BM042610.D
Acq: 07 Nov 2023 12:55

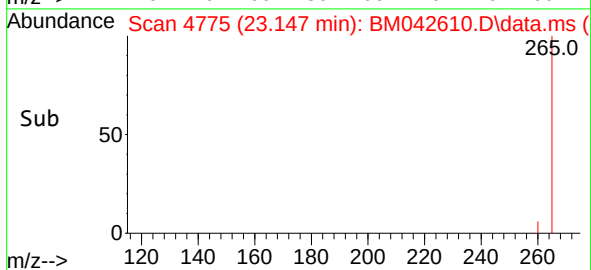
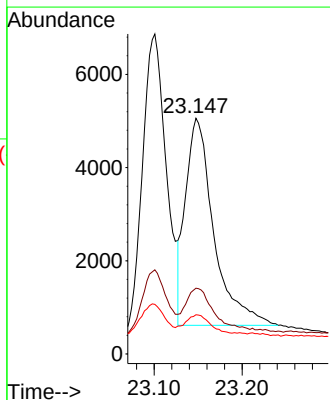
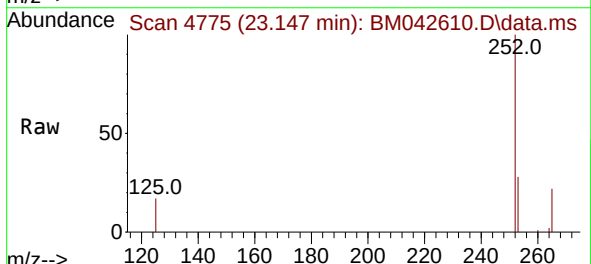
Instrument :
BNA_M
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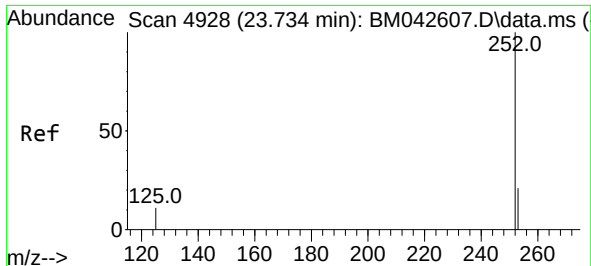
Tgt Ion:252	Resp:	12901
Ion Ratio	Lower	Upper
252	100	
253	26.3	0.0 65.8
125	15.5	0.0 43.6



#25
Benzo(k)fluoranthene
Concen: 0.727 ng/ul
RT: 23.147 min Scan# 4775
Delta R.T. -0.002 min
Lab File: BM042610.D
Acq: 07 Nov 2023 12:55

Tgt Ion:252	Resp:	9949
Ion Ratio	Lower	Upper
252	100	
253	27.9	27.0 40.6
125	16.6	17.5 26.3#

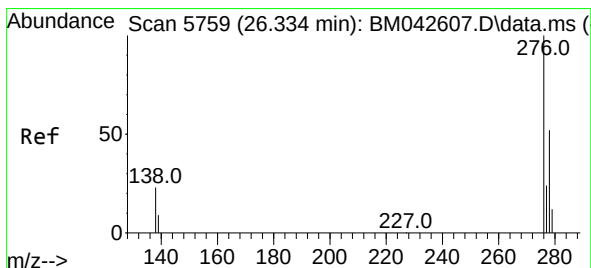
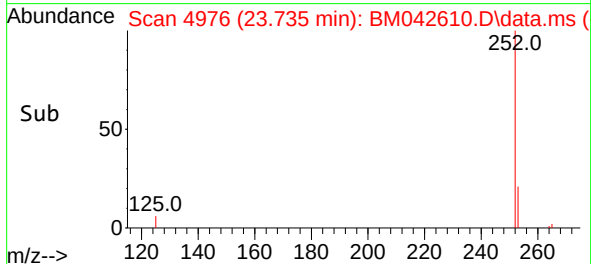
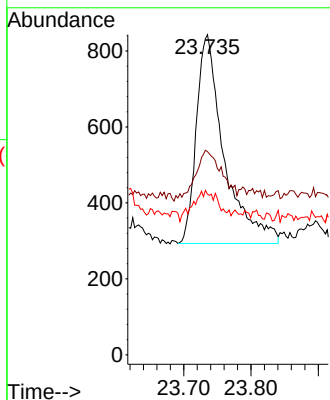
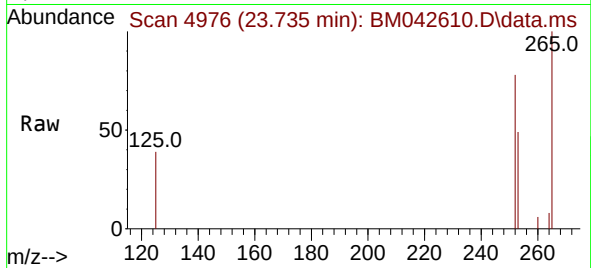




#26
Benzo(a)pyrene
Concen: 0.117 ng/ul
RT: 23.735 min Scan# 4928
Delta R.T. 0.001 min
Lab File: BM042610.D
Acq: 07 Nov 2023 12:55

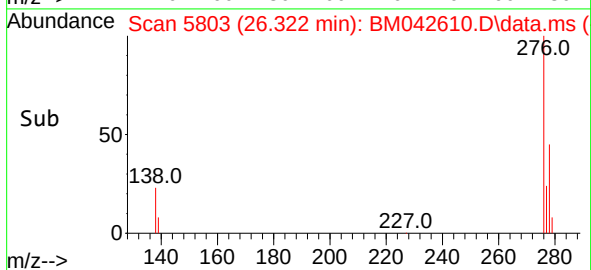
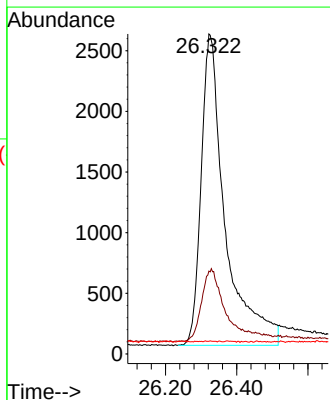
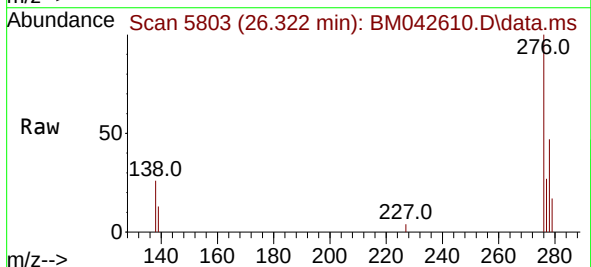
Instrument :
BNA_M
ClientSampleId :
XA019DL

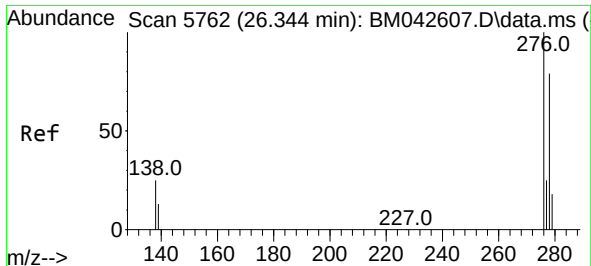
Tgt Ion:252 Resp: 1579
Ion Ratio Lower Upper
252 100
253 63.5 31.7 47.5#
125 50.2 22.1 33.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.683 ng/ul
RT: 26.322 min Scan# 5803
Delta R.T. -0.006 min
Lab File: BM042610.D
Acq: 07 Nov 2023 12:55

Tgt Ion:276 Resp: 12005
Ion Ratio Lower Upper
276 100
138 24.1 20.7 31.1
227 0.1 0.1 0.1#

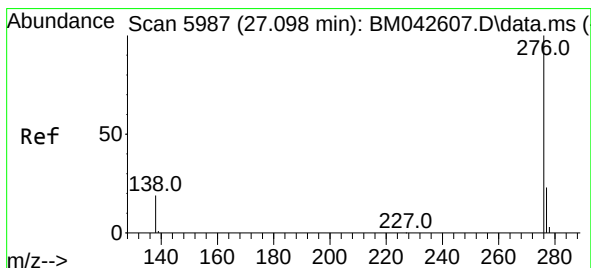
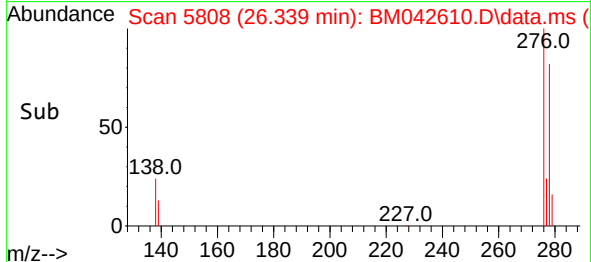
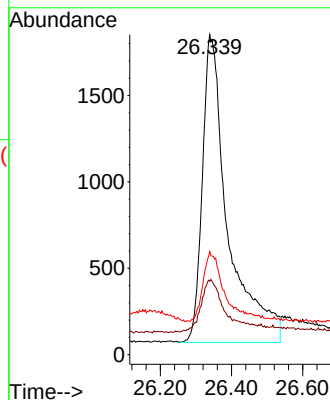
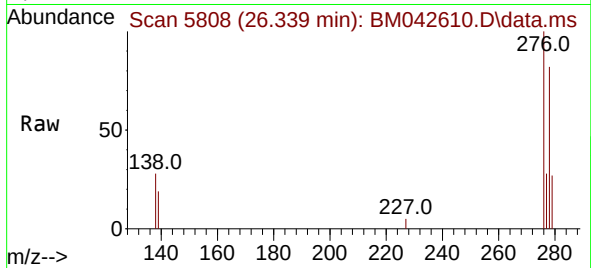




#28
Dibenzo(a,h)anthracene
Concen: 0.708 ng/ul
RT: 26.339 min Scan# 51
Delta R.T. -0.009 min
Lab File: BM042610.D
Acq: 07 Nov 2023 12:55

Instrument :
BNA_M
ClientSampleId :
XA019DL

Tgt Ion:278 Resp: 8885
Ion Ratio Lower Upper
278 100
139 22.9 24.3 36.5#
279 32.2 31.5 47.3



#29
Benzo(g,h,i)perylene
Concen: 0.569 ng/ul
RT: 27.100 min Scan# 6035
Delta R.T. -0.006 min
Lab File: BM042610.D
Acq: 07 Nov 2023 12:55

Tgt Ion:276 Resp: 9298
Ion Ratio Lower Upper
276 100
138 25.5 22.3 33.5
277 26.7 23.6 35.4

