

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080323\
 Data File : BN026810.D
 Acq On : 03 Aug 2023 17:42
 Operator : MA/JU
 Sample : 03805-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3H46

Quant Time: Aug 04 04:25:13 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 03:46:36 2023
 Response via : Initial Calibration

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

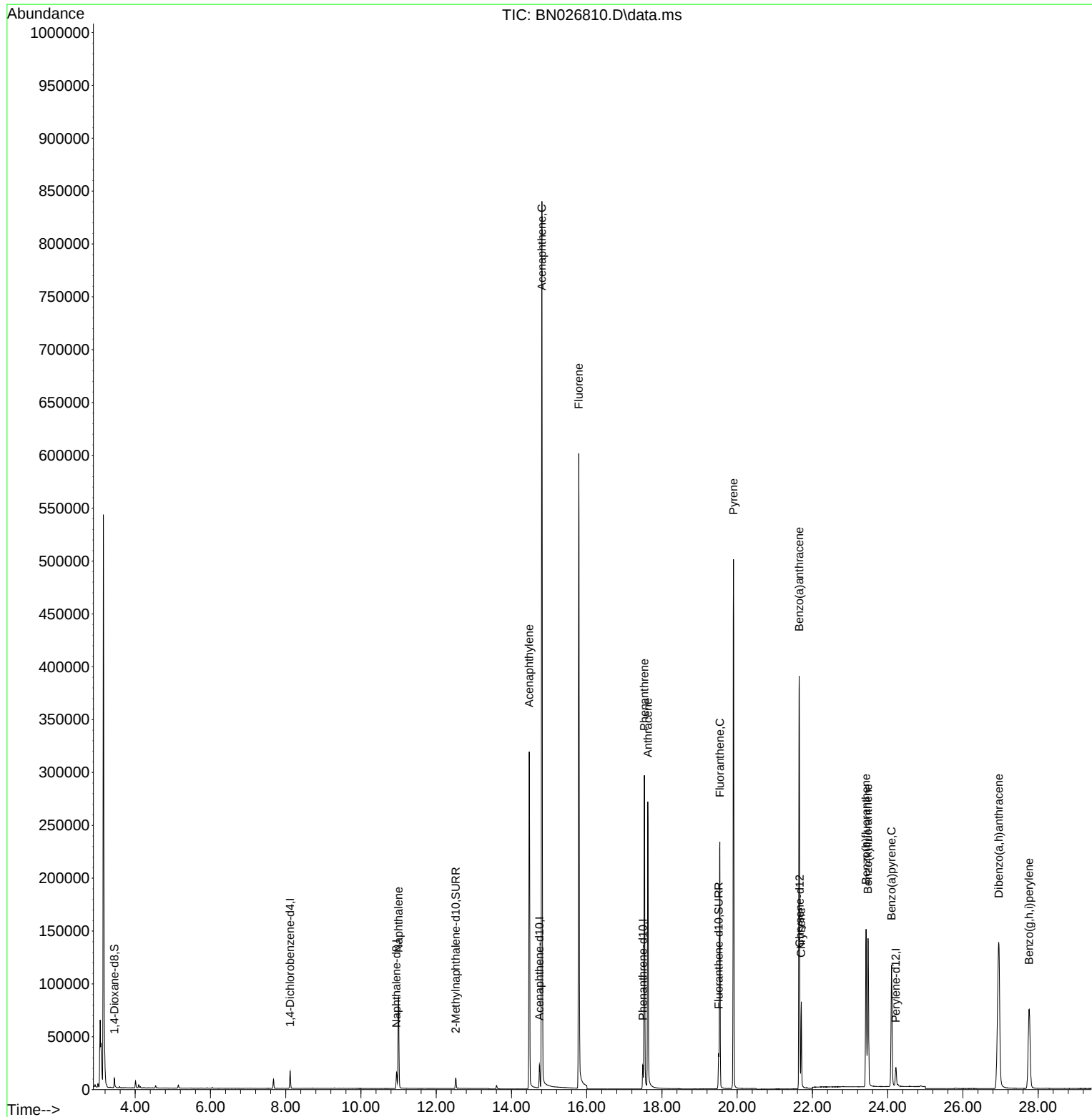
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	7776	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	22228	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.744	164	12523	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.489	188	28165	0.400	ng/ul	0.00
17) Chrysene-d12	21.665	240	25396	0.400	ng/ul	0.00
23) Perylene-d12	24.220	264	27431	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	6362	0.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	13497	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.506	212	35645	0.444	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.999	128	122307	1.947	ng/ul	99
10) Acenaphthylene	14.472	152	373233	5.320	ng/ul	99
11) Acenaphthene	14.809	153	491442	10.121	ng/ul	99
12) Fluorene	15.790	166	404355	7.361	ng/ul	97
15) Phenanthrene	17.532	178	317313	3.429	ng/ul	99
16) Anthracene	17.624	178	298178	3.566	ng/ul	99
19) Fluoranthene	19.538	202	199335	1.890	ng/ul	100
20) Pyrene	19.901	202	421865	3.748	ng/ul	97
21) Benzo(a)anthracene	21.647	228	366893	3.632	ng/ul	99
22) Chrysene	21.703	228	75323	0.756	ng/ul	100
24) Benzo(b)fluoranthene	23.424	252	208196	2.007	ng/ul	96
25) Benzo(k)fluoranthene	23.477	252	207828	2.031	ng/ul	97
26) Benzo(a)pyrene	24.103	252	180733	1.930	ng/ul	96
28) Dibenzo(a,h)anthracene	26.952	278	243907	2.499	ng/ul	97
29) Benzo(g,h,i)perylene	27.760	276	185184	1.816	ng/ul	98

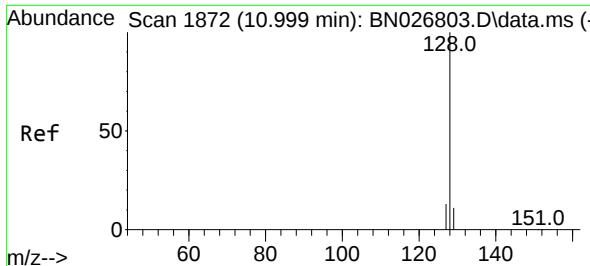
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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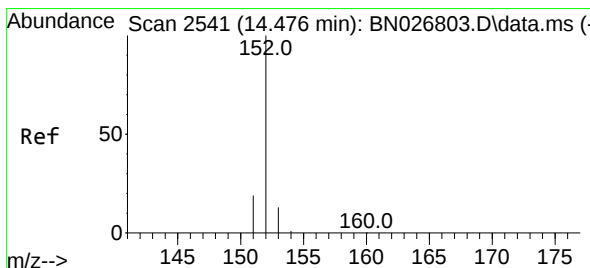
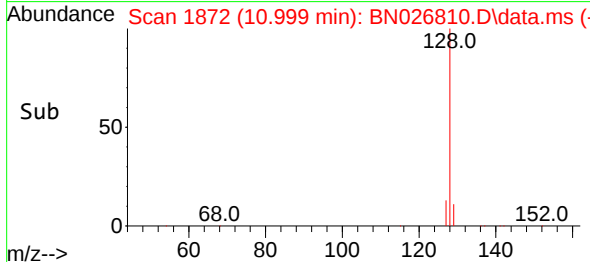
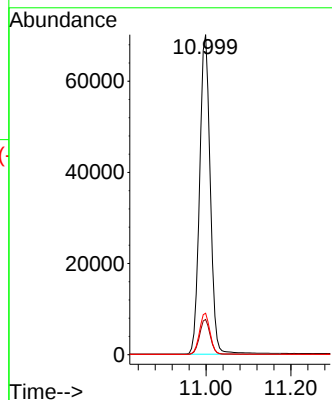
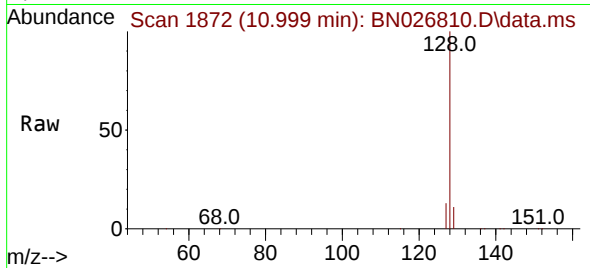




#5
Naphthalene
Concen: 1.947 ng/ul
RT: 10.999 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BN026810.D
Acq: 03 Aug 2023 17:42

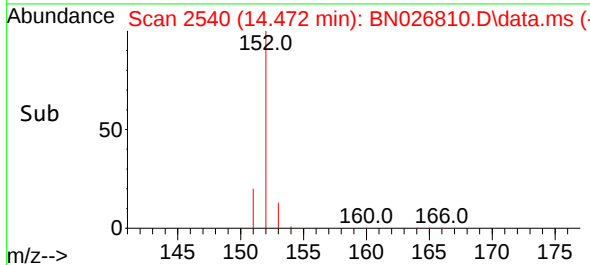
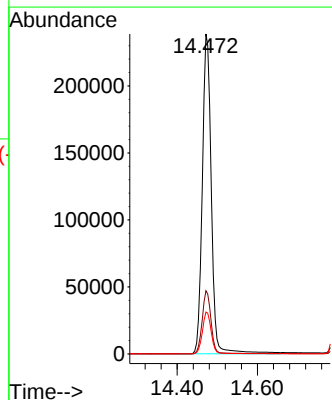
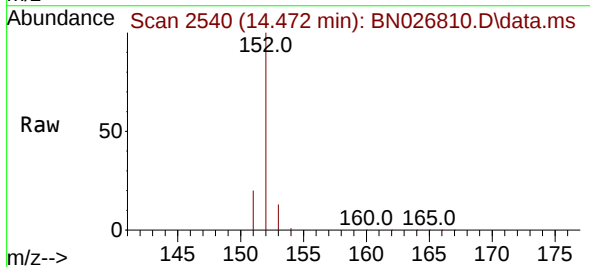
Instrument :
BNA_N
ClientSampleId :
X3H46

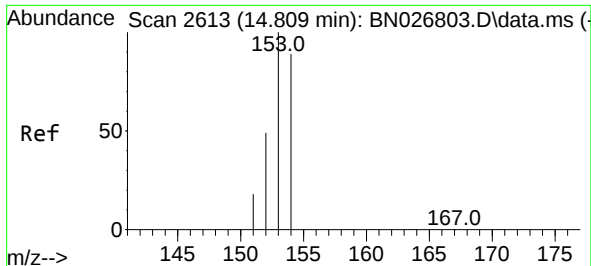
Tgt Ion:128 Resp: 122307
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.0 10.5 15.7



#10
Acenaphthylene
Concen: 5.320 ng/ul
RT: 14.472 min Scan# 2540
Delta R.T. -0.005 min
Lab File: BN026810.D
Acq: 03 Aug 2023 17:42

Tgt Ion:152 Resp: 373233
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 11.0 16.6

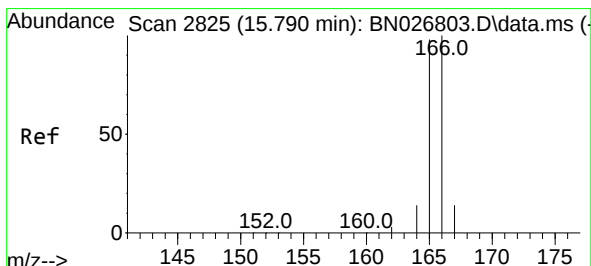
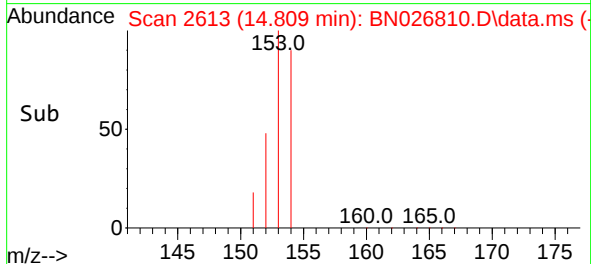
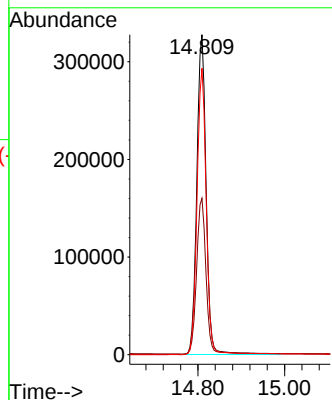
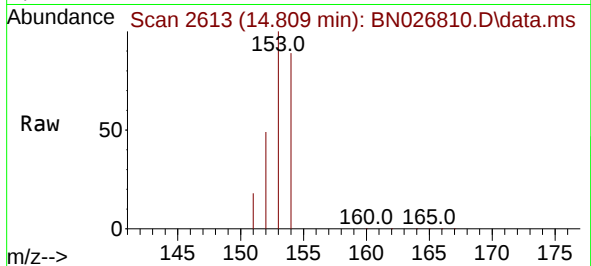




#11
Acenaphthene
Concen: 10.121 ng/ul
RT: 14.809 min Scan# 2613
Delta R.T. -0.000 min
Lab File: BN026810.D
Acq: 03 Aug 2023 17:42

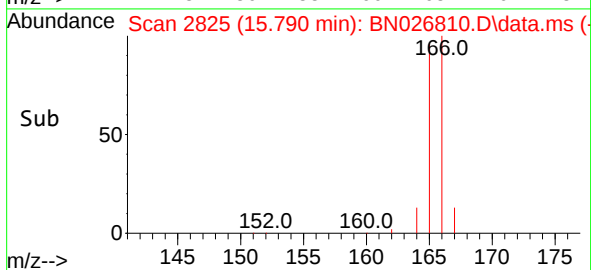
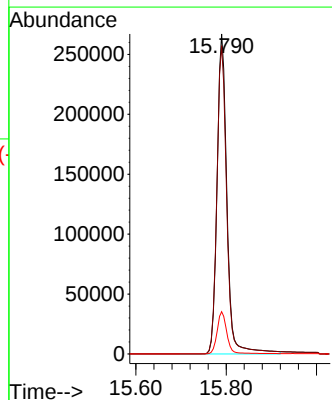
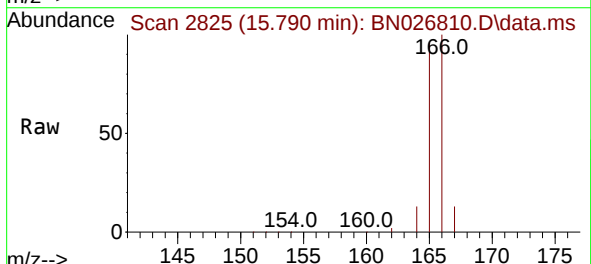
Instrument :
BNA_N
ClientSampleId :
X3H46

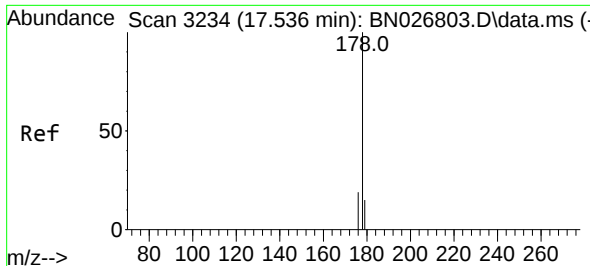
Tgt Ion:153 Resp: 491442
Ion Ratio Lower Upper
153 100
152 48.9 41.1 61.7
154 89.5 71.6 107.4



#12
Fluorene
Concen: 7.361 ng/ul
RT: 15.790 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BN026810.D
Acq: 03 Aug 2023 17:42

Tgt Ion:166 Resp: 404355
Ion Ratio Lower Upper
166 100
165 96.4 79.1 118.7
167 13.2 11.4 17.0

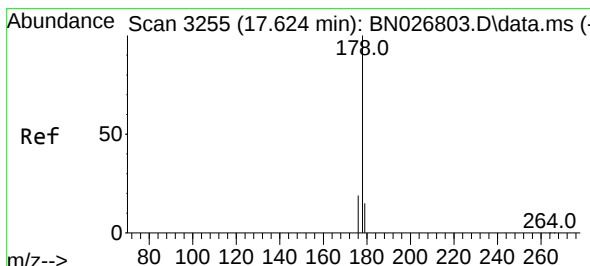
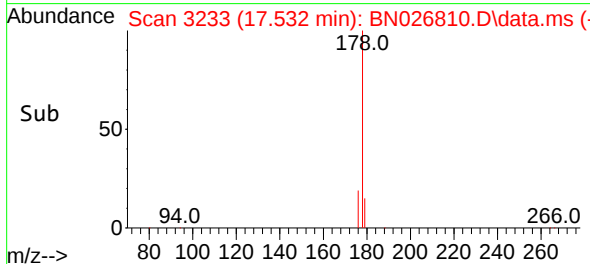
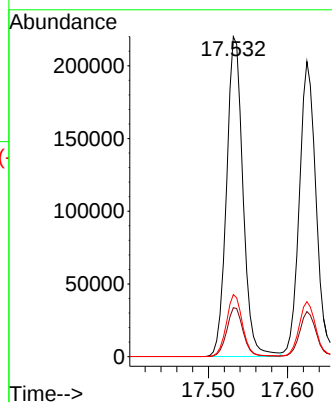
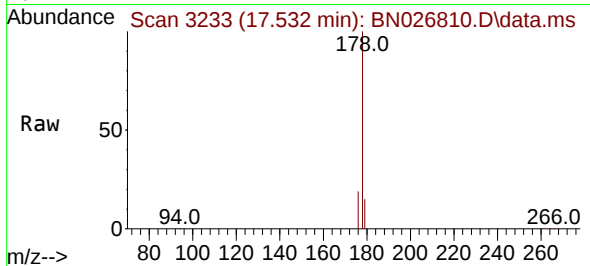




#15
Phenanthrene
Concen: 3.429 ng/ul
RT: 17.532 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026810.D
Acq: 03 Aug 2023 17:42

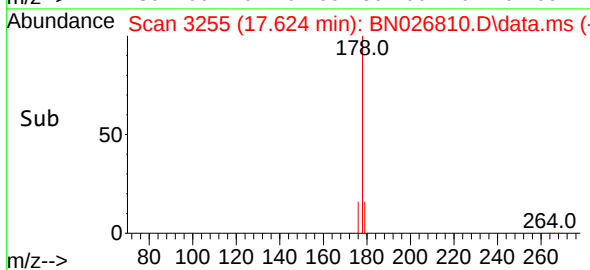
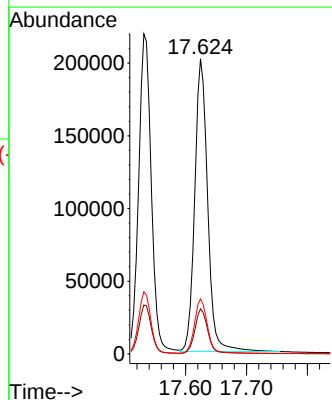
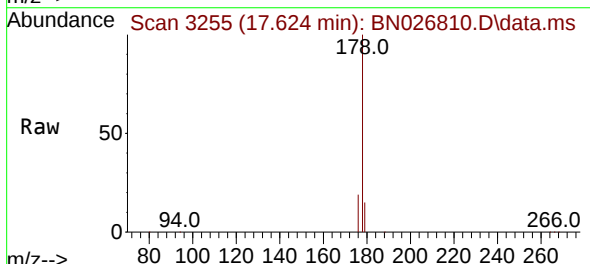
Instrument :
BNA_N
ClientSampleId :
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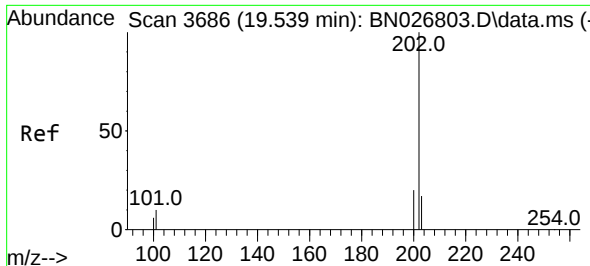
Tgt Ion:178 Resp: 317313
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.4 15.4 23.2



#16
Anthracene
Concen: 3.566 ng/ul
RT: 17.624 min Scan# 3255
Delta R.T. -0.000 min
Lab File: BN026810.D
Acq: 03 Aug 2023 17:42

Tgt Ion:178 Resp: 298178
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 18.7 15.0 22.6

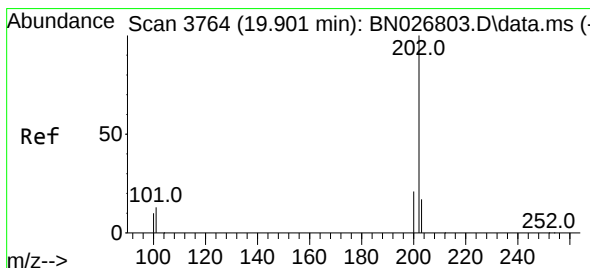
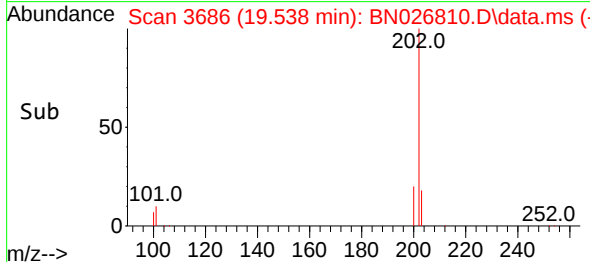
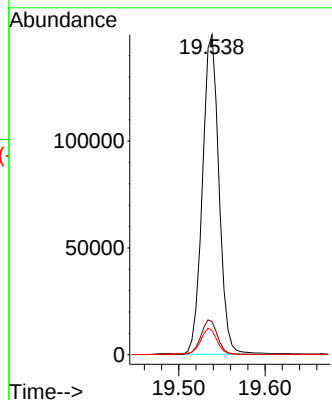
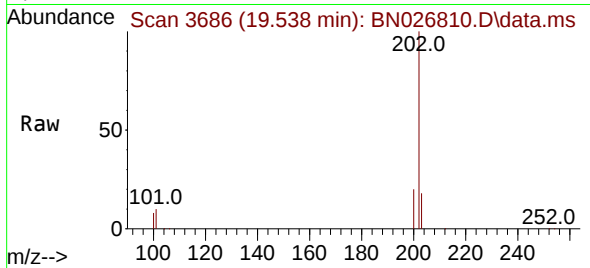




#19
Fluoranthene
Concen: 1.890 ng/ul
RT: 19.538 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN026810.D
Acq: 03 Aug 2023 17:42

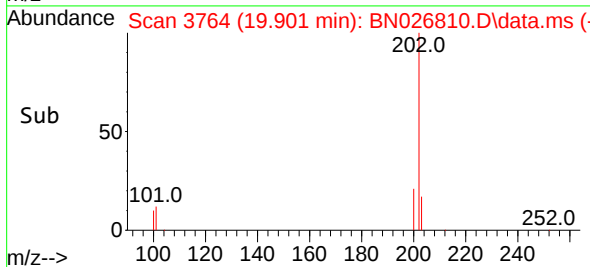
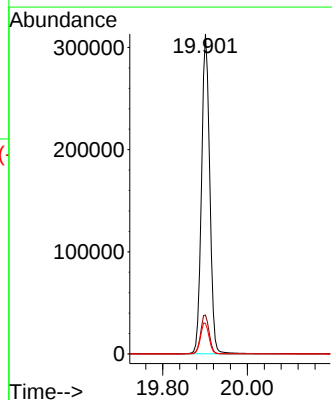
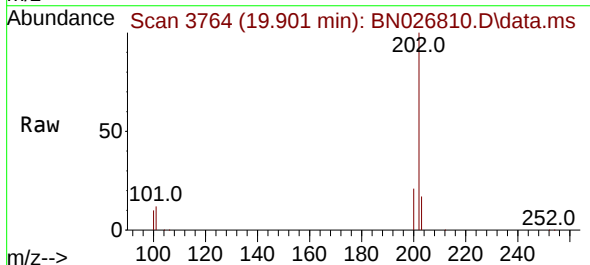
Instrument :
BNA_N
ClientSampleId :
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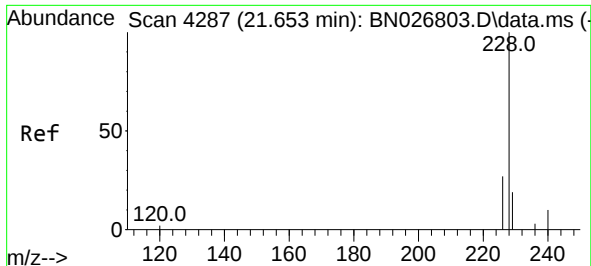
Tgt Ion:202 Resp: 199335
Ion Ratio Lower Upper
202 100
101 10.3 8.3 12.5
100 7.5 6.2 9.2



#20
Pyrene
Concen: 3.748 ng/ul
RT: 19.901 min Scan# 3764
Delta R.T. -0.000 min
Lab File: BN026810.D
Acq: 03 Aug 2023 17:42

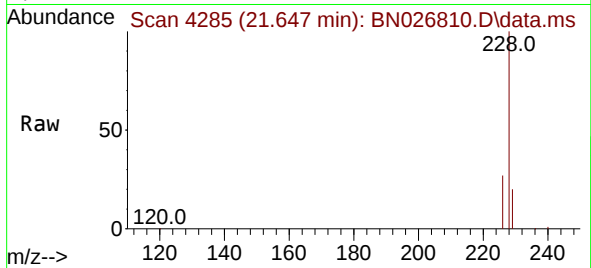
Tgt Ion:202 Resp: 421865
Ion Ratio Lower Upper
202 100
101 12.2 10.7 16.1
100 9.6 8.5 12.7



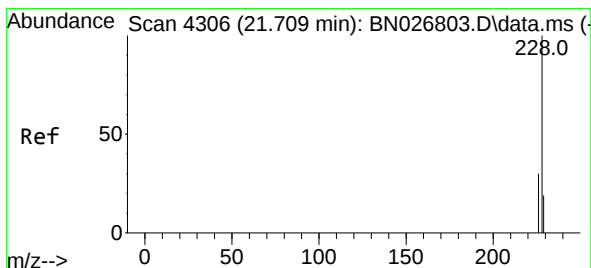
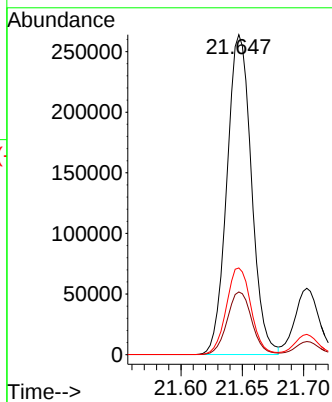
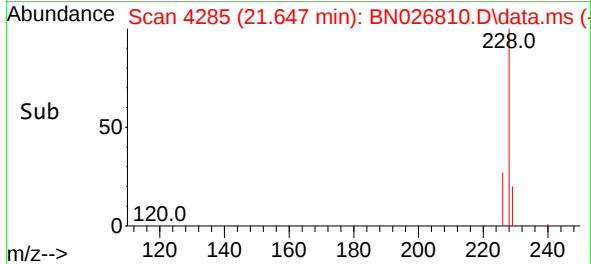


#21
Benzo(a)anthracene
Concen: 3.632 ng/u1
RT: 21.647 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN026810.D
Acq: 03 Aug 2023 17:42

Instrument :
BNA_N
ClientSampleId :
X3H46

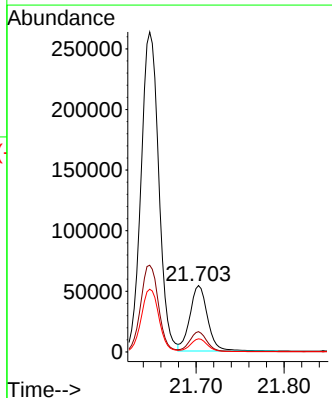
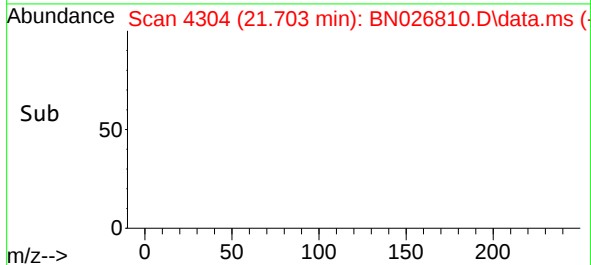
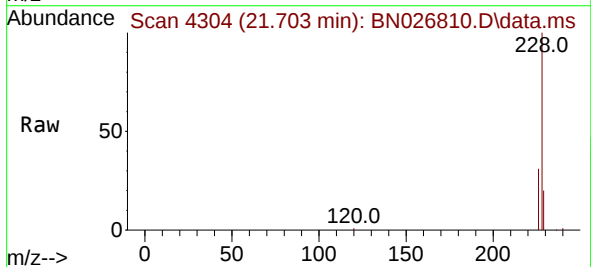


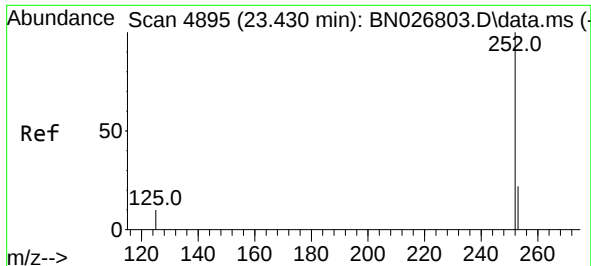
Tgt Ion:228 Resp: 366893
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 27.1 22.2 33.2



#22
Chrysene
Concen: 0.756 ng/u1
RT: 21.703 min Scan# 4304
Delta R.T. -0.006 min
Lab File: BN026810.D
Acq: 03 Aug 2023 17:42

Tgt Ion:228 Resp: 75323
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 19.8 15.8 23.6

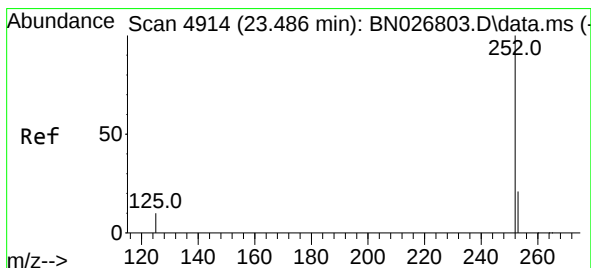
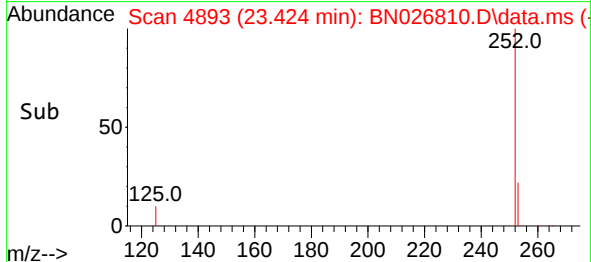
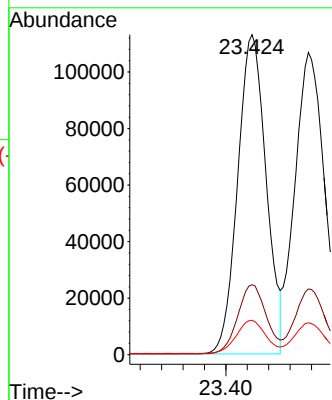
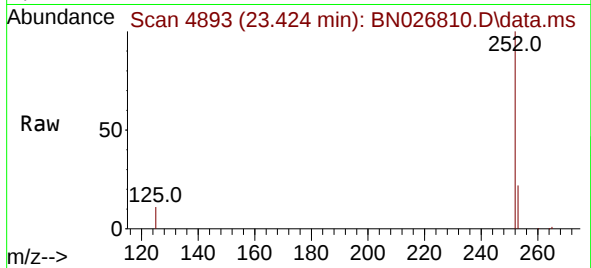




#24
Benzo(b)fluoranthene
Concen: 2.007 ng/ul
RT: 23.424 min Scan# 4893
Delta R.T. -0.006 min
Lab File: BN026810.D
Acq: 03 Aug 2023 17:42

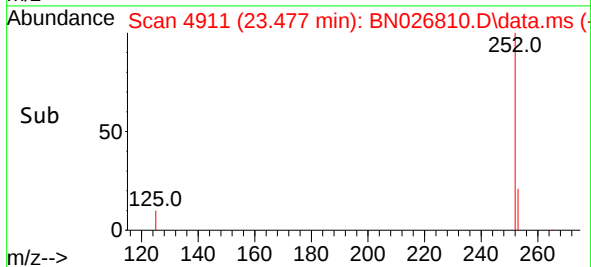
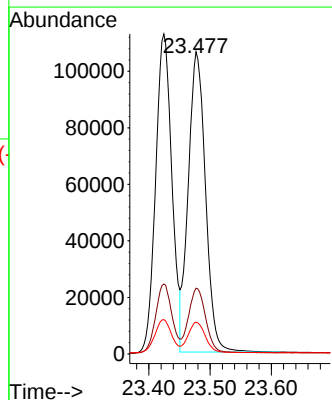
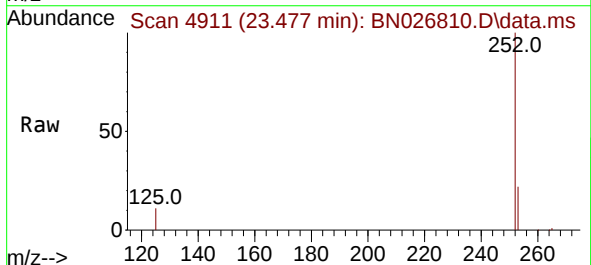
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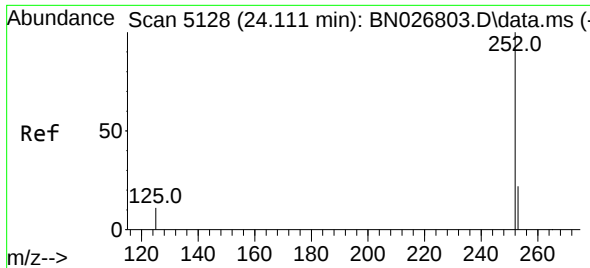
Tgt Ion:252 Resp: 208196
Ion Ratio Lower Upper
252 100
253 21.9 0.0 46.8
125 10.7 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 2.031 ng/ul
RT: 23.477 min Scan# 4911
Delta R.T. -0.009 min
Lab File: BN026810.D
Acq: 03 Aug 2023 17:42

Tgt Ion:252 Resp: 207828
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 10.5 9.9 14.9

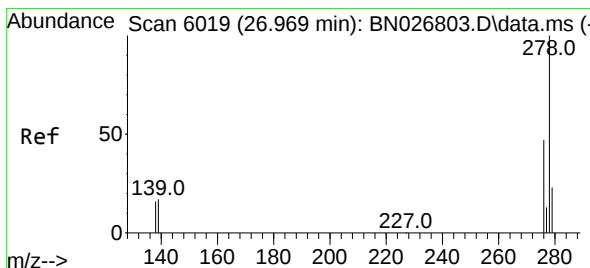
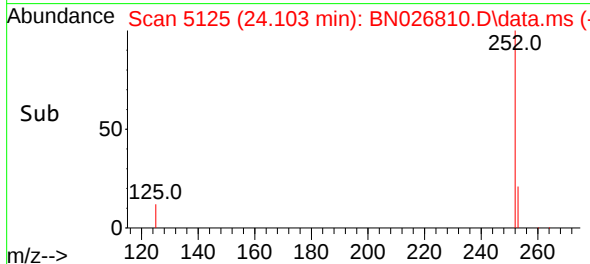
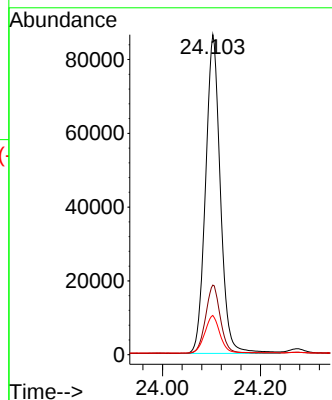
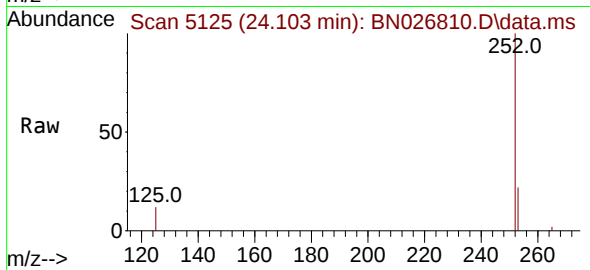




#26
Benzo(a)pyrene
Concen: 1.930 ng/ul
RT: 24.103 min Scan# 5125
Delta R.T. -0.009 min
Lab File: BN026810.D
Acq: 03 Aug 2023 17:42

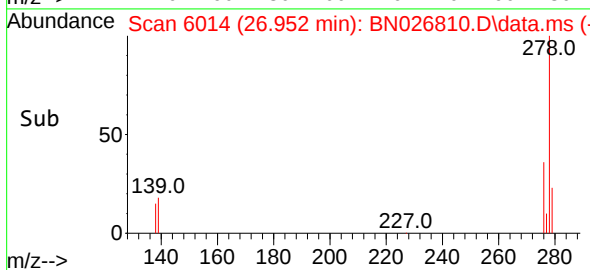
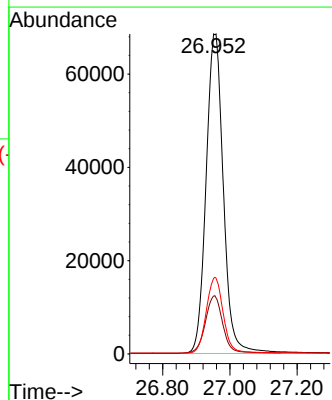
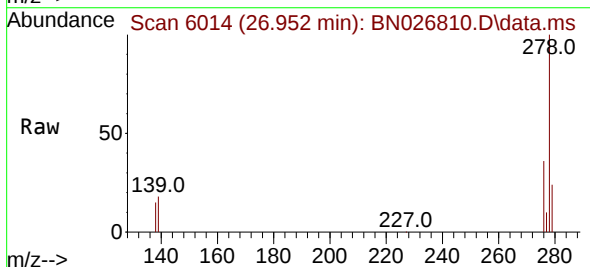
Instrument :
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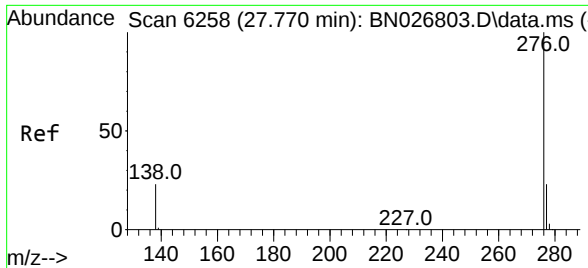
Tgt Ion:252 Resp: 180733
Ion Ratio Lower Upper
252 100
253 21.8 19.0 28.6
125 12.3 11.4 17.0



#28
Dibenzo(a,h)anthracene
Concen: 2.499 ng/ul
RT: 26.952 min Scan# 6014
Delta R.T. -0.017 min
Lab File: BN026810.D
Acq: 03 Aug 2023 17:42

Tgt Ion:278 Resp: 243907
Ion Ratio Lower Upper
278 100
139 18.1 15.7 23.5
279 23.7 20.2 30.4





#29
 Benzo(g,h,i)perylene
 Concen: 1.816 ng/ul
 RT: 27.760 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: BN026810.D
 Acq: 03 Aug 2023 17:42

Instrument :
 BNA_N
 ClientSampleId :
 X3H46

Tgt Ion:	276	Resp:	185184
Ion	Ratio	Lower	Upper
276	100		
138	23.3	19.3	28.9
277	23.4	19.8	29.8

