

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026234.D
 Acq On : 03 Jul 2023 20:35
 Operator : MA/JU
 Sample : 03246-14
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 01:03:50 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

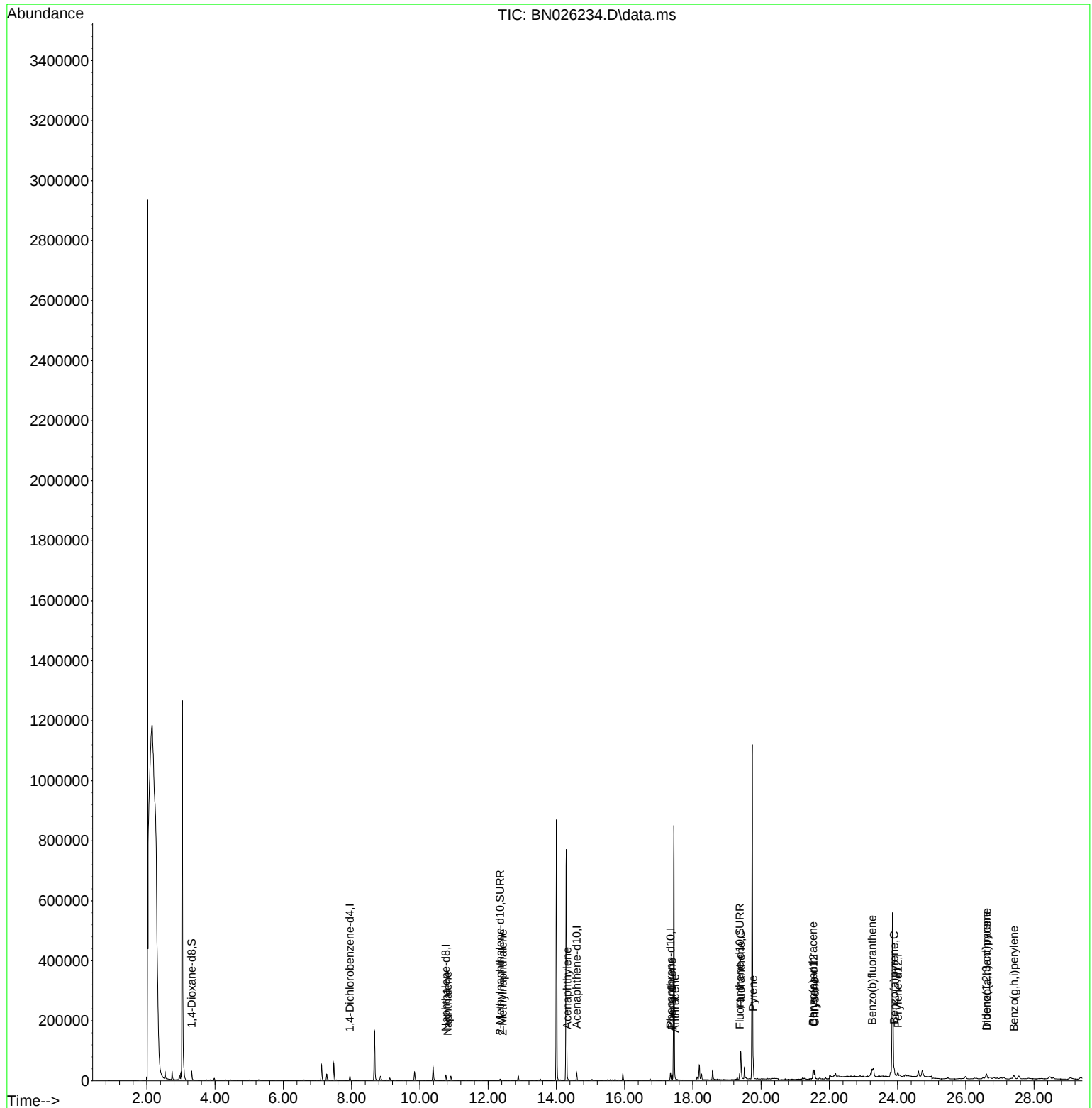
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	7718	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	24623	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.596	164	14936	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	30948	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	17409	0.400	ng/ul #	0.00
23) Perylene-d12	24.009	264	19621	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	18840	2.168	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	6176	0.163	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	14313	0.216	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.811	128	2146	0.030	ng/ul#	87
7) 2-Methylnaphthalene	12.428	142	1152	0.026	ng/ul	83
10) Acenaphthylene	14.318	152	5166	0.074	ng/ul#	91
15) Phenanthrene	17.388	178	22199	0.217	ng/ul	98
16) Anthracene	17.480	178	4006	0.044	ng/ul#	86
19) Fluoranthene	19.408	202	59371	0.639	ng/ul#	41
20) Pyrene	19.766	202	50045	0.517	ng/ul	96
21) Benzo(a)anthracene	21.521	228	24012	0.334	ng/ul#	87
22) Chrysene	21.574	228	29123	0.390	ng/ul#	85
24) Benzo(b)fluoranthene	23.254	252	61113	0.730	ng/ul	89
26) Benzo(a)pyrene	23.901	252	28316	0.389	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.602	276	27132	0.342	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.616	278	6388	0.106	ng/ul#	34
29) Benzo(g,h,i)perylene	27.410	276	24923	0.353	ng/ul#	88

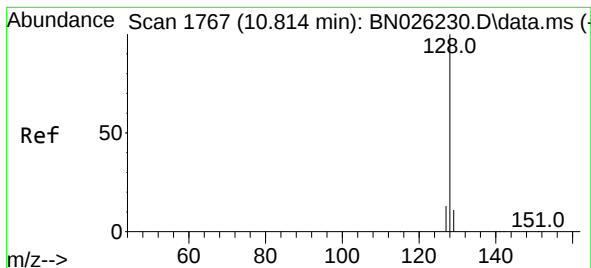
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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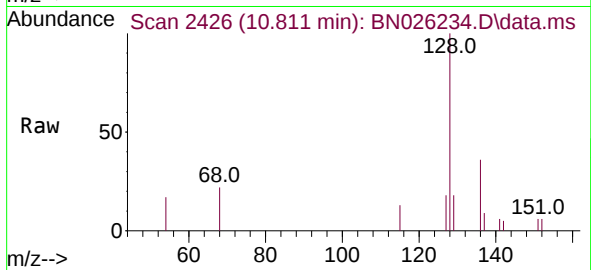
Quant Time: Jul 04 01:03:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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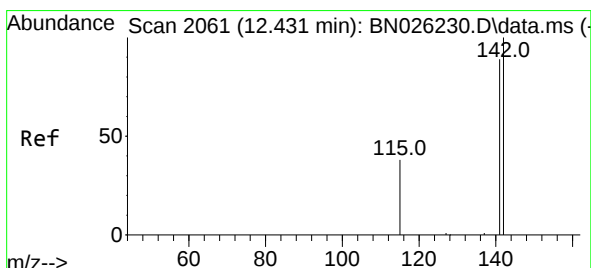
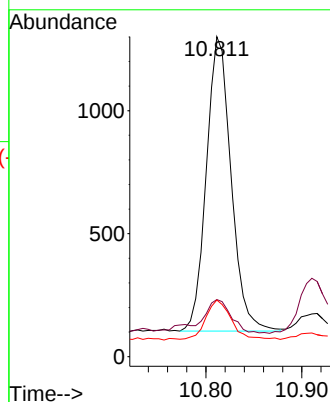
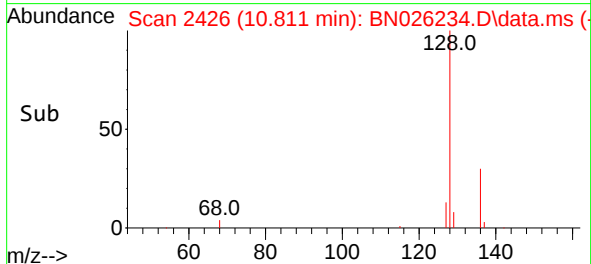


#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.811 min Scan# 2426
Delta R.T. -0.003 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

Instrument :
BNA_N
ClientSampleId :

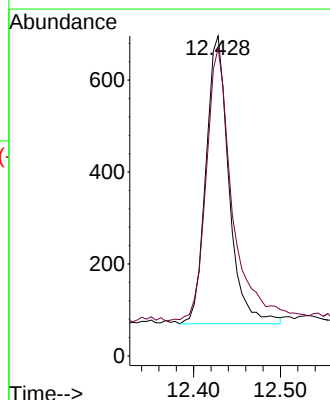
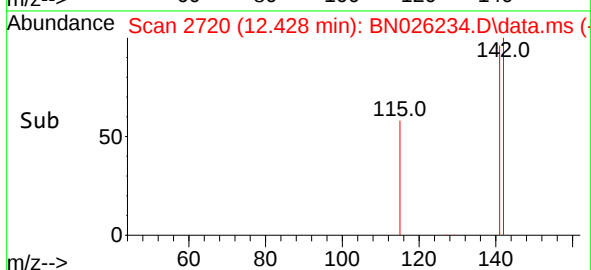
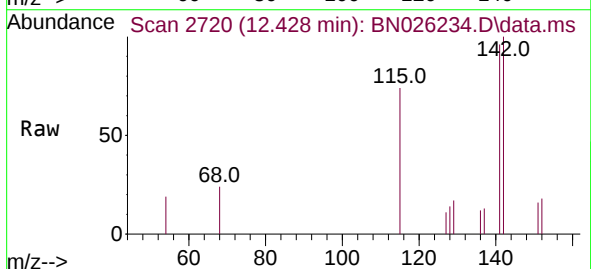


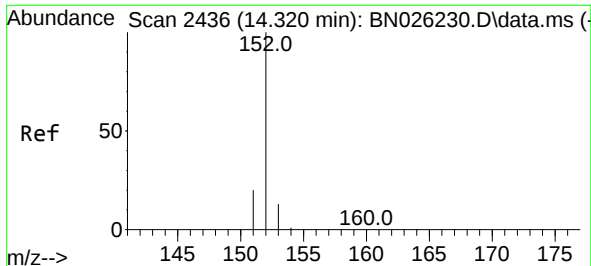
Tgt Ion:128 Resp: 2146
Ion Ratio Lower Upper
128 100
129 17.8 9.1 13.7#
127 17.7 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.428 min Scan# 2720
Delta R.T. -0.003 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

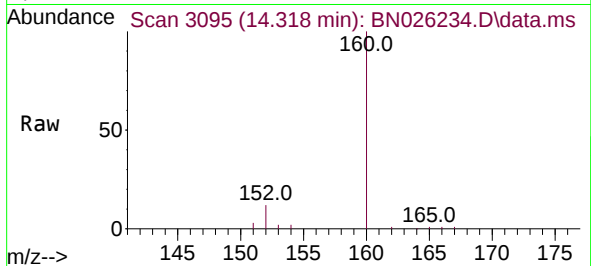
Tgt Ion:142 Resp: 1152
Ion Ratio Lower Upper
142 100
141 105.8 71.9 107.9



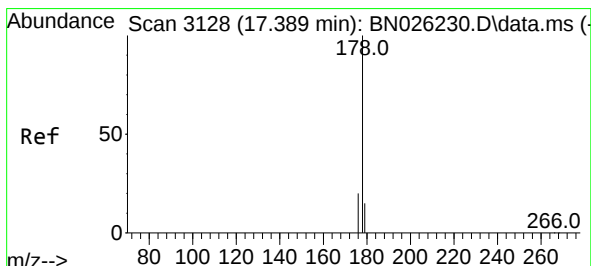
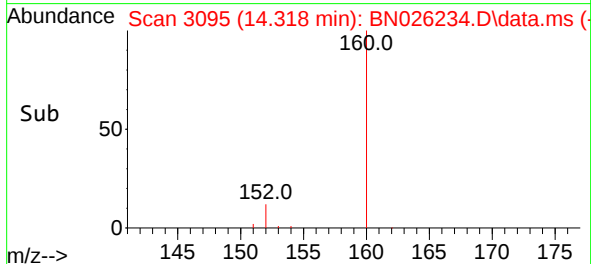
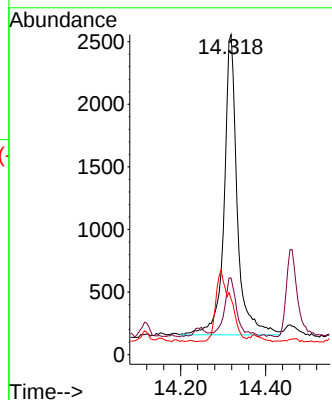


#10
Acenaphthylene
Concen: 0.074 ng/ul
RT: 14.318 min Scan# 3095
Delta R.T. -0.002 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

Instrument :
BNA_N
ClientSampleId :

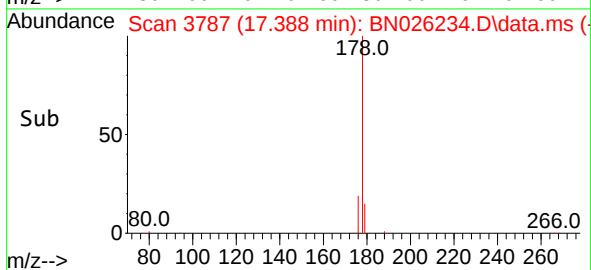
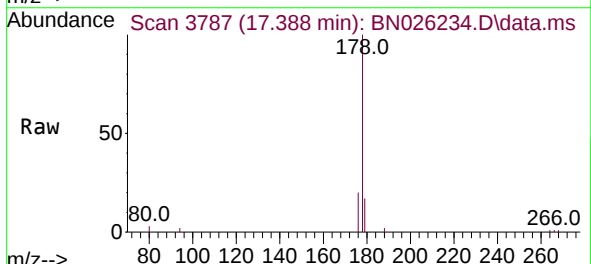
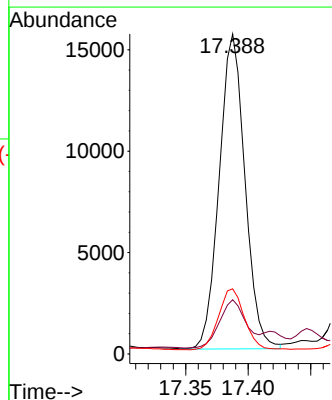


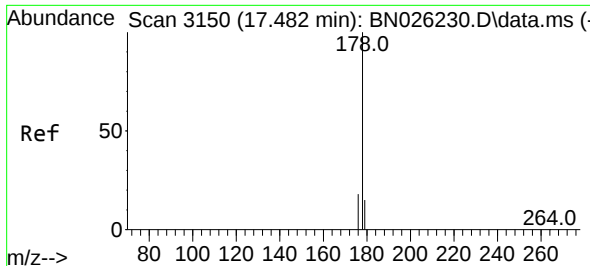
Tgt Ion:152 Resp: 5166
Ion Ratio Lower Upper
152 100
151 23.9 16.2 24.4
153 17.4 10.9 16.3#



#15
Phenanthrene
Concen: 0.217 ng/ul
RT: 17.388 min Scan# 3787
Delta R.T. -0.002 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

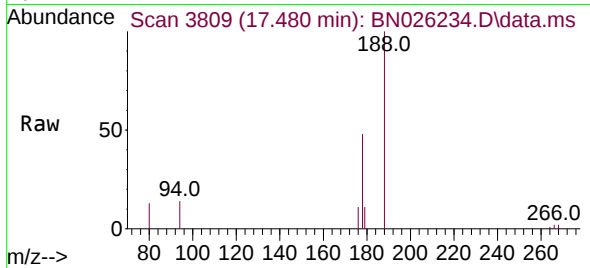
Tgt Ion:178 Resp: 22199
Ion Ratio Lower Upper
178 100
179 16.9 12.6 19.0
176 20.3 15.8 23.6



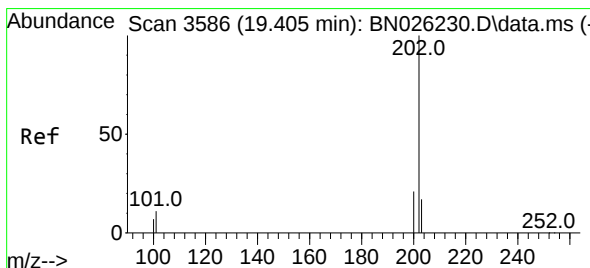
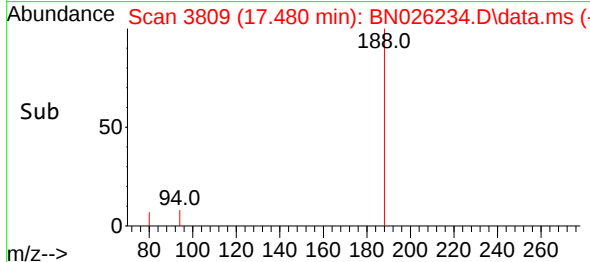
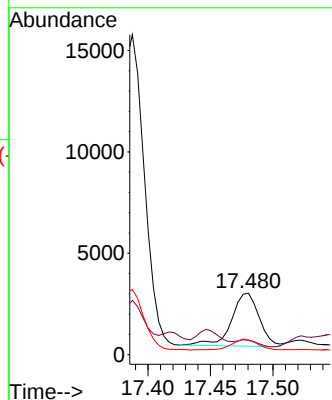


#16
 Anthracene
 Concen: 0.044 ng/ul
 RT: 17.480 min Scan# 3150
 Delta R.T. -0.002 min
 Lab File: BN026234.D
 Acq: 03 Jul 2023 20:35

Instrument :
 BNA_N
 ClientSampleId :

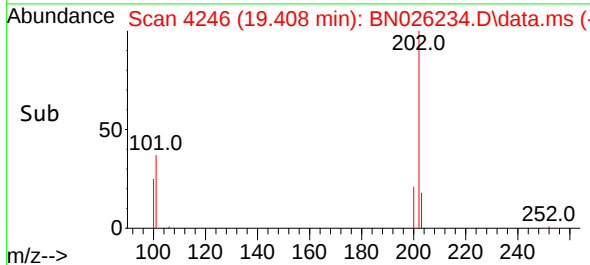
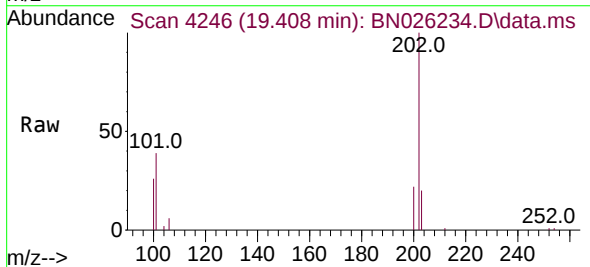
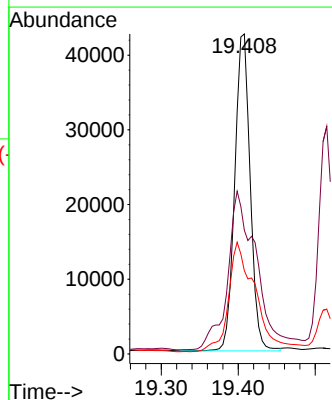


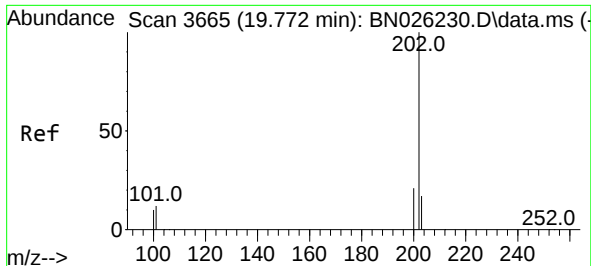
Tgt Ion:178 Resp: 4006
 Ion Ratio Lower Upper
 178 100
 179 23.6 12.6 18.8#
 176 23.4 15.1 22.7#



#19
 Fluoranthene
 Concen: 0.639 ng/ul
 RT: 19.408 min Scan# 4246
 Delta R.T. 0.003 min
 Lab File: BN026234.D
 Acq: 03 Jul 2023 20:35

Tgt Ion:202 Resp: 59371
 Ion Ratio Lower Upper
 202 100
 101 38.7 9.5 14.3#
 100 26.0 7.3 10.9#

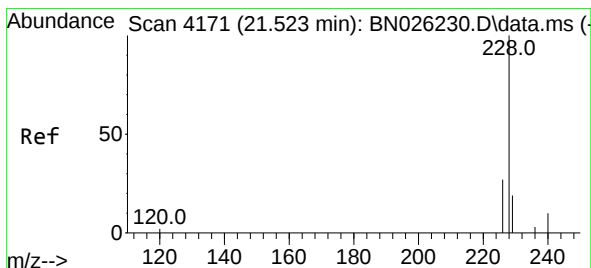
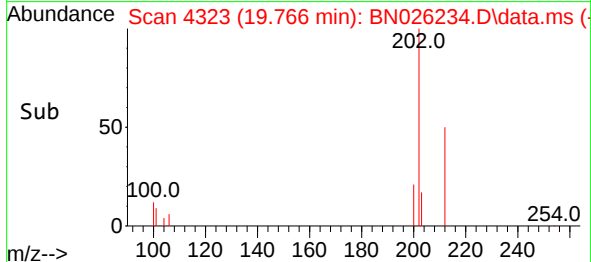
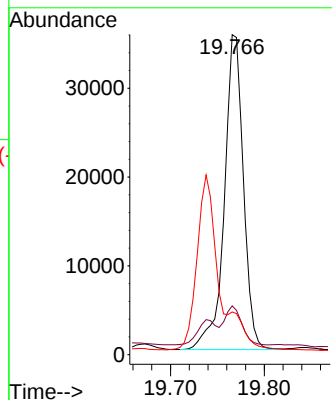
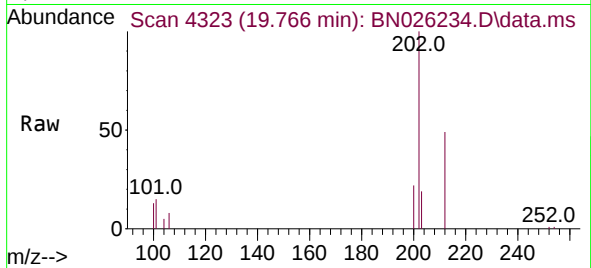




#20
Pyrene
Concen: 0.517 ng/ul
RT: 19.766 min Scan# 41
Delta R.T. -0.007 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

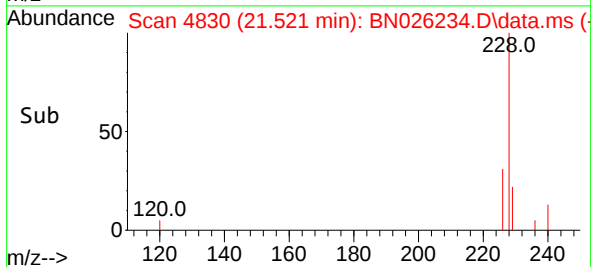
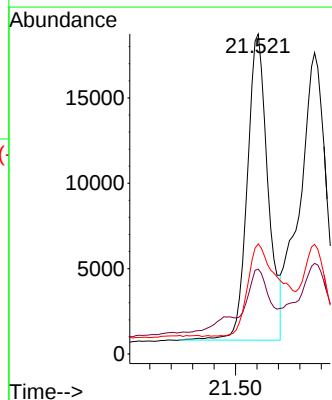
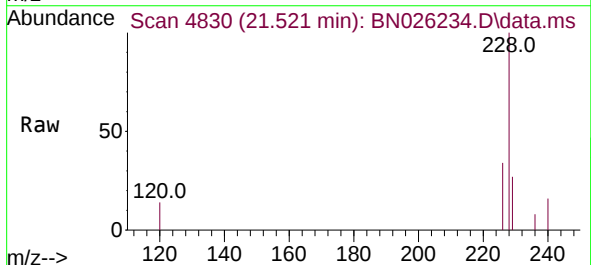
Instrument :
BNA_N
ClientSampleId :

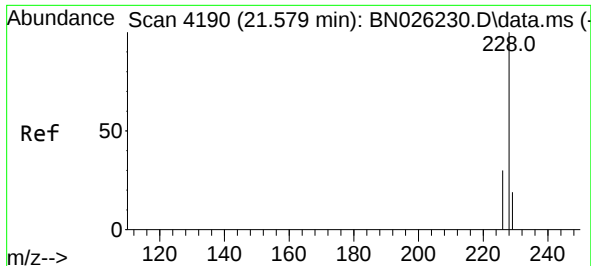
Tgt Ion:202 Resp: 50045
Ion Ratio Lower Upper
202 100
101 15.3 11.4 17.0
100 13.4 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.521 min Scan# 4830
Delta R.T. -0.002 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

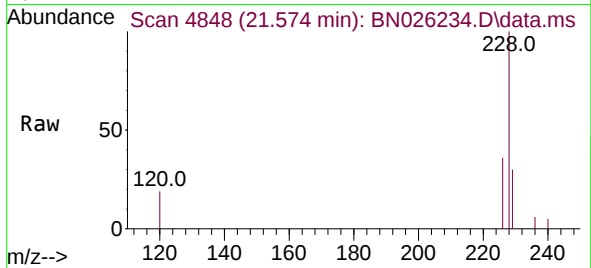
Tgt Ion:228 Resp: 24012
Ion Ratio Lower Upper
228 100
229 26.5 15.8 23.6#
226 34.4 22.5 33.7#



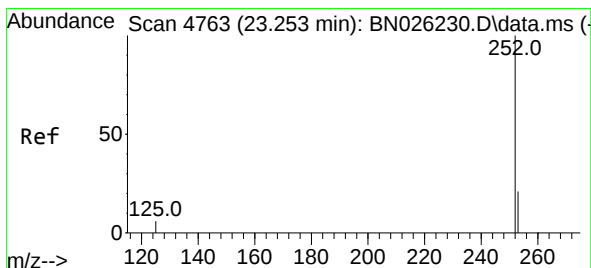
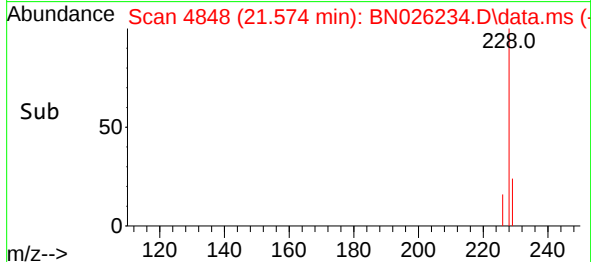
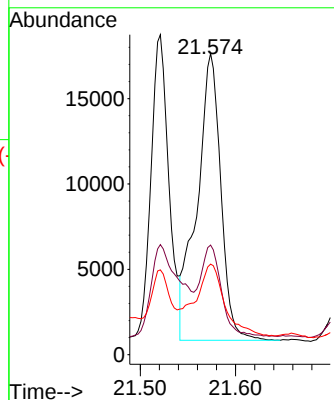


#22
Chrysene
Concen: 0.390 ng/ul
RT: 21.574 min Scan# 4190
Delta R.T. -0.005 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

Instrument :
BNA_N
ClientSampleId :

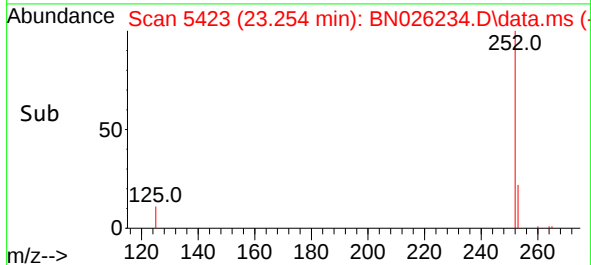
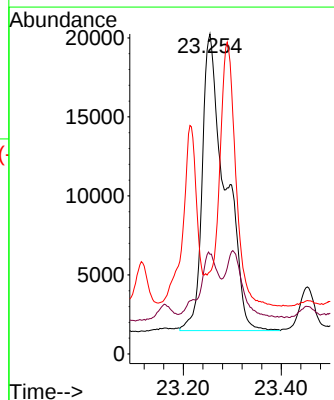
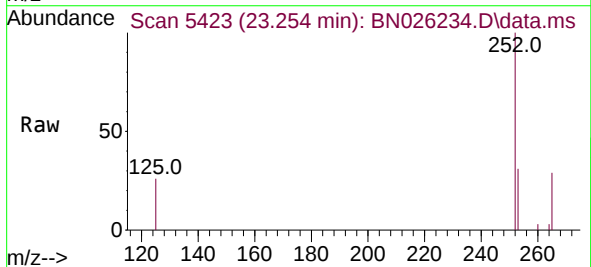


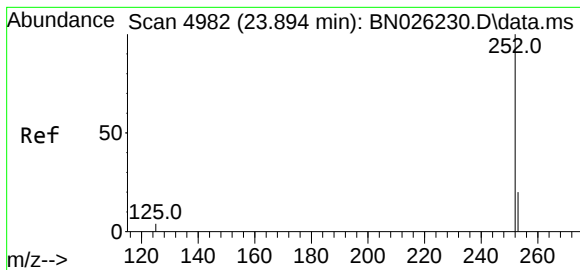
Tgt Ion:228 Resp: 29123
Ion Ratio Lower Upper
228 100
226 36.4 24.8 37.2
229 30.1 15.7 23.5#



#24
Benzo(b)fluoranthene
Concen: 0.730 ng/ul
RT: 23.254 min Scan# 5423
Delta R.T. 0.001 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

Tgt Ion:252 Resp: 61113
Ion Ratio Lower Upper
252 100
253 31.1 0.0 55.6
125 25.7 0.0 35.8





#26

Benzo(a)pyrene

Concen: 0.389 ng/ul

RT: 23.901 min Scan# 50

Delta R.T. 0.007 min

Lab File: BN026234.D

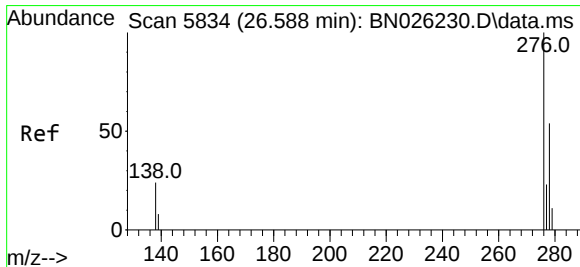
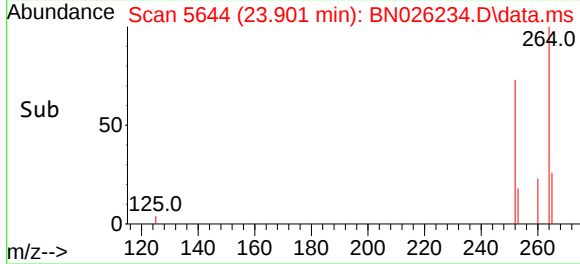
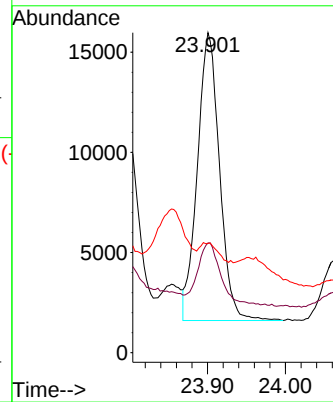
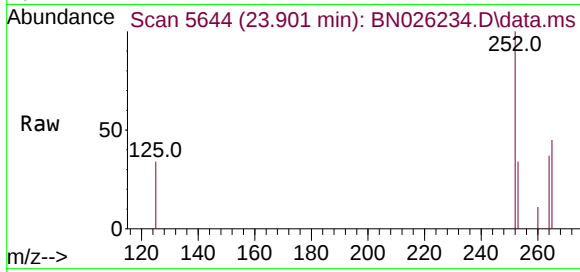
Acq: 03 Jul 2023 20:35

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:252	Resp:	28316
Ion Ratio	Lower	Upper
252	100	
253	34.3	26.0 39.0
125	34.2	17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.342 ng/ul

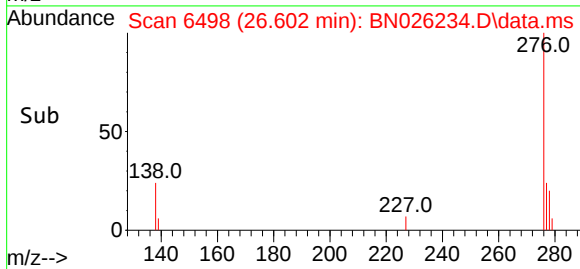
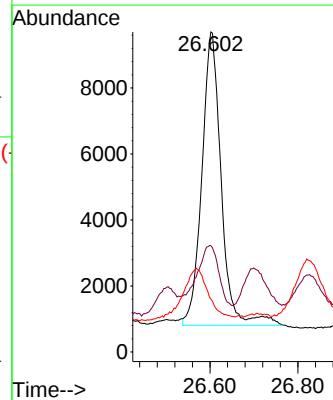
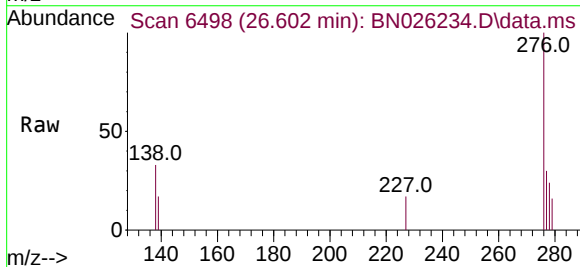
RT: 26.602 min Scan# 6498

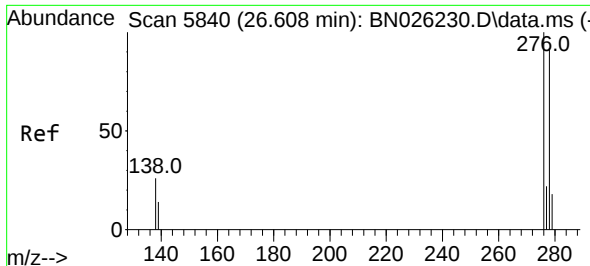
Delta R.T. 0.014 min

Lab File: BN026234.D

Acq: 03 Jul 2023 20:35

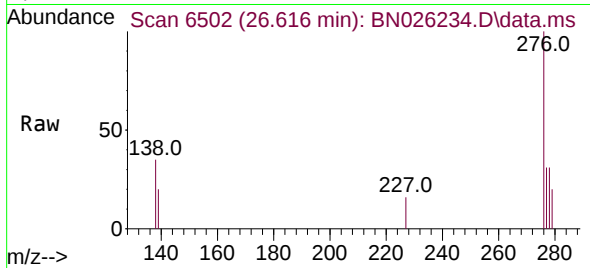
Tgt Ion:276	Resp:	27132
Ion Ratio	Lower	Upper
276	100	
138	25.2	24.5 36.7
227	0.0	0.0 0.0



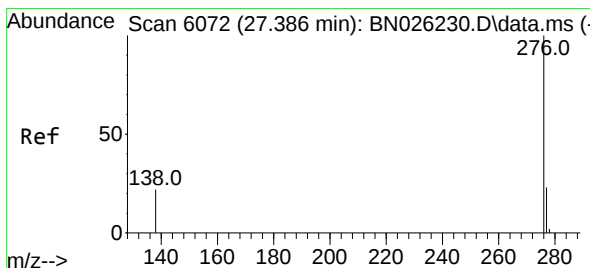
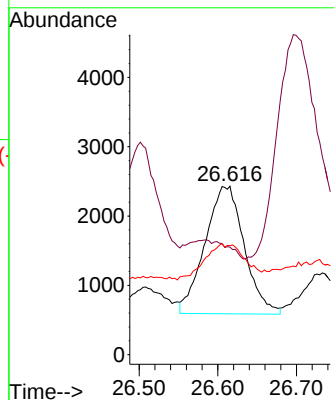


#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 26.616 min Scan# 61
Delta R.T. 0.008 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 6388
Ion Ratio Lower Upper
278 100
139 63.8 19.0 28.4#
279 64.7 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 27.410 min Scan# 6739
Delta R.T. 0.024 min
Lab File: BN026234.D
Acq: 03 Jul 2023 20:35

Tgt Ion:276 Resp: 24923
Ion Ratio Lower Upper
276 100
138 36.0 23.4 35.0#
277 31.0 20.0 30.0#

