

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026572.D
 Acq On : 18 Jul 2023 19:52
 Operator : MA/JU
 Sample : 03458-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 19 00:18:44 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 19 00:15:47 2023
 Response via : Initial Calibration

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

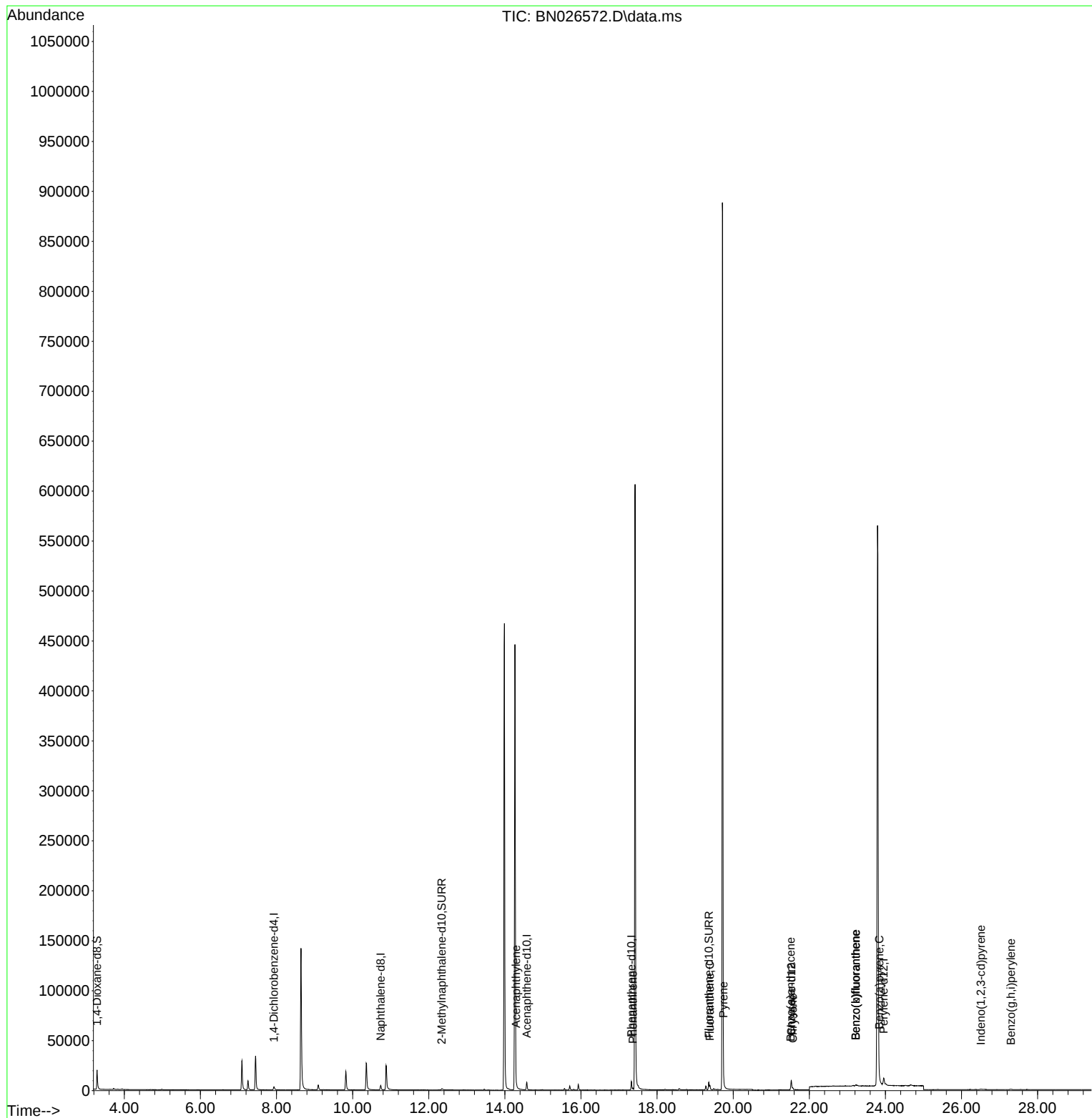
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	2297	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.737	136	7197	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.575	164	4775	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	11155	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.526	240	10671	0.400	ng/ul	# 0.00
23) Perylene-d12	23.955	264	11434	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	13969	4.618	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	2738	0.280	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	9627	0.260	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.292	152	494	0.021	ng/ul#	56
15) Phenanthrene	17.364	178	2030	0.057	ng/ul#	91
19) Fluoranthene	19.386	202	3968	0.079	ng/ul#	95
20) Pyrene	19.744	202	3481	0.064	ng/ul#	77
21) Benzo(a)anthracene	21.511	228	1938	0.049	ng/ul#	85
22) Chrysene	21.564	228	1696	0.038	ng/ul#	85
24) Benzo(b)fluoranthene	23.224	252	3002	0.067	ng/ul#	35
25) Benzo(k)fluoranthene	23.224	252	2312	0.050	ng/ul#	35
26) Benzo(a)pyrene	23.841	252	1643	0.041	ng/ul#	52
27) Indeno(1,2,3-cd)pyrene	26.510	276	1045	0.020	ng/ul#	85
29) Benzo(g,h,i)perylene	27.295	276	933	0.020	ng/ul#	57

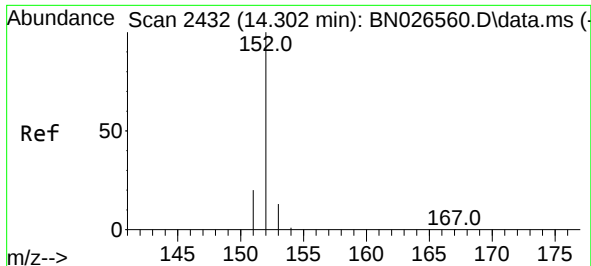
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026572.D
Acq On : 18 Jul 2023 19:52
Operator : MA/JU
Sample : 03458-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 19 00:18:44 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration

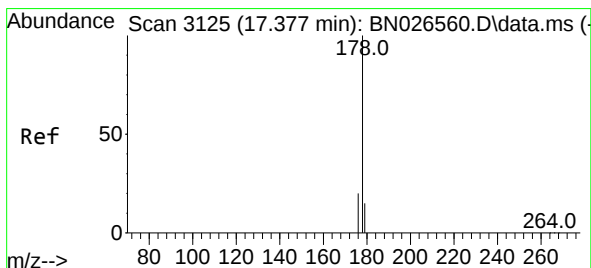
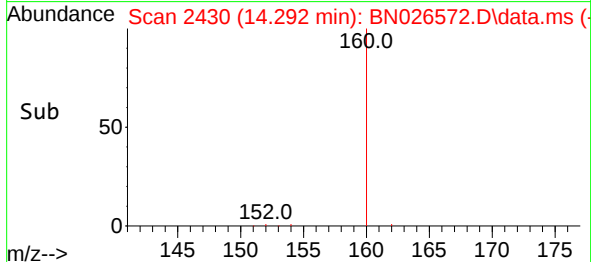
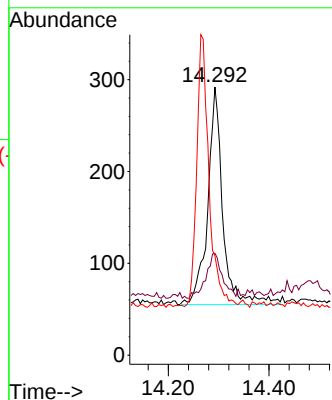
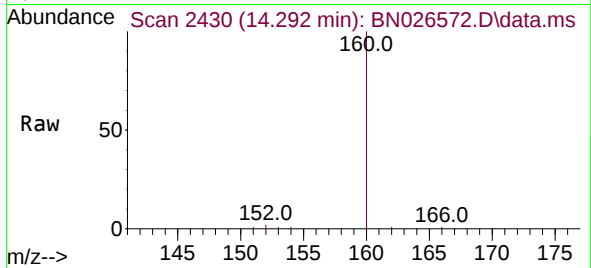




#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.292 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN026572.D
Acq: 18 Jul 2023 19:52

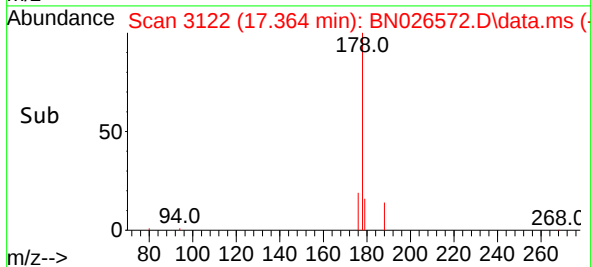
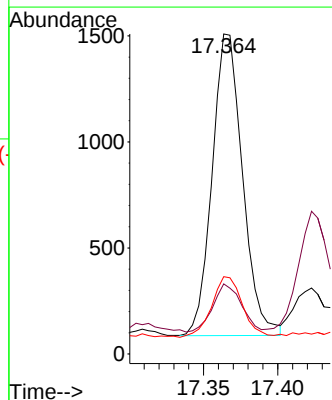
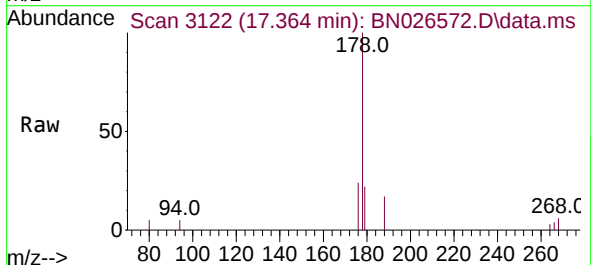
Instrument :
BNA_N
ClientSampleId :

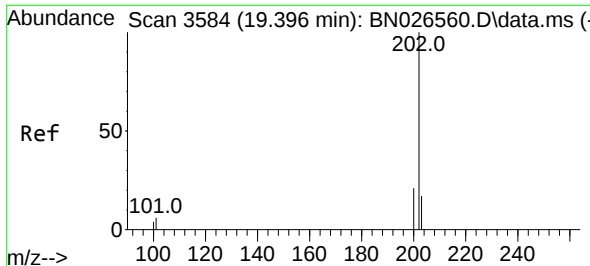
Tgt Ion:152 Resp: 494
Ion Ratio Lower Upper
152 100
151 38.0 17.0 25.6#
153 37.0 11.4 17.2#



#15
Phenanthrene
Concen: 0.057 ng/ul
RT: 17.364 min Scan# 3122
Delta R.T. -0.013 min
Lab File: BN026572.D
Acq: 18 Jul 2023 19:52

Tgt Ion:178 Resp: 2030
Ion Ratio Lower Upper
178 100
179 21.9 13.7 20.5#
176 24.2 16.5 24.7

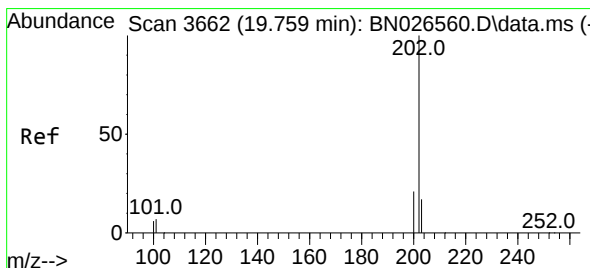
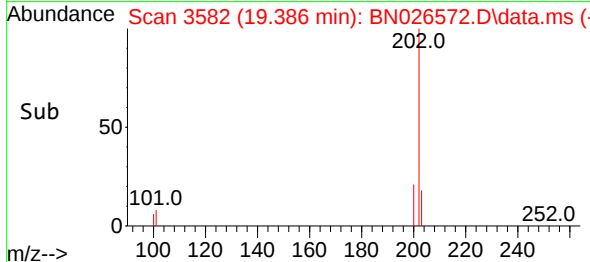
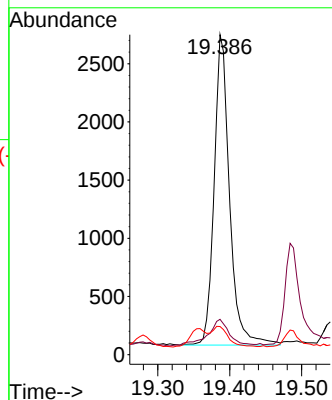
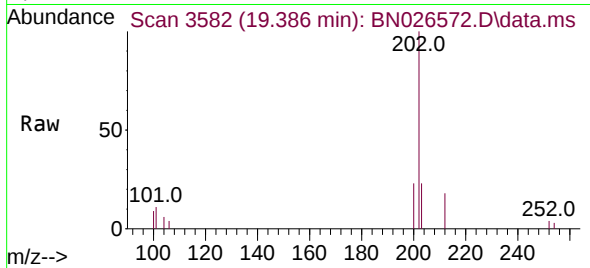




#19
Fluoranthene
Concen: 0.079 ng/ul
RT: 19.386 min Scan# 3582
Delta R.T. -0.010 min
Lab File: BN026572.D
Acq: 18 Jul 2023 19:52

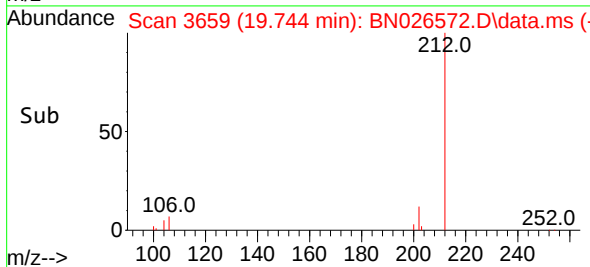
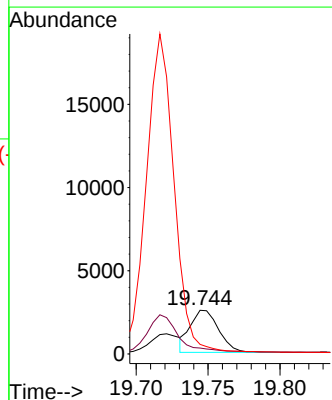
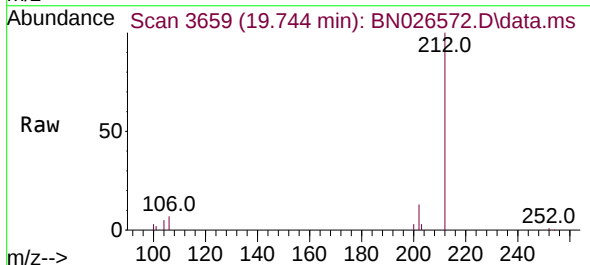
Instrument :
BNA_N
ClientSampleId :

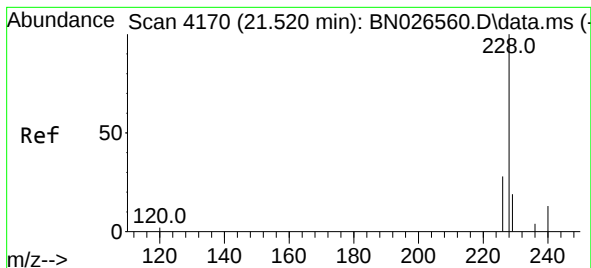
Tgt Ion:202 Resp: 3968
Ion Ratio Lower Upper
202 100
101 11.0 7.0 10.4#
100 8.8 6.0 9.0



#20
Pyrene
Concen: 0.064 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.014 min
Lab File: BN026572.D
Acq: 18 Jul 2023 19:52

Tgt Ion:202 Resp: 3481
Ion Ratio Lower Upper
202 100
101 13.5 8.0 12.0#
100 21.9 6.2 9.2#





#21

Benzo(a)anthracene

Concen: 0.049 ng/ul

RT: 21.511 min Scan# 4167

Delta R.T. -0.009 min

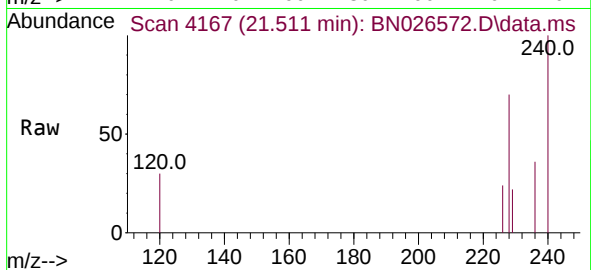
Lab File: BN026572.D

Acq: 18 Jul 2023 19:52

Instrument :

BNA_N

ClientSampleId :



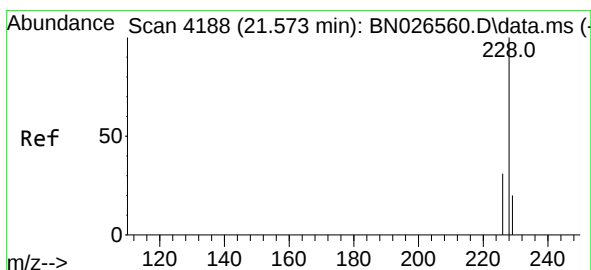
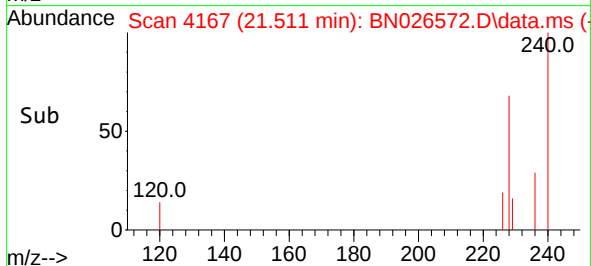
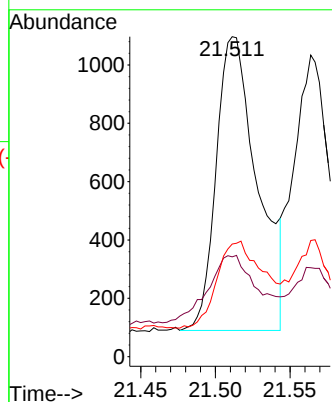
Tgt Ion:228 Resp: 1938

Ion Ratio Lower Upper

228 100

229 31.2 16.7 25.1#

226 35.2 23.5 35.3



#22

Chrysene

Concen: 0.038 ng/ul

RT: 21.564 min Scan# 4185

Delta R.T. -0.009 min

Lab File: BN026572.D

Acq: 18 Jul 2023 19:52

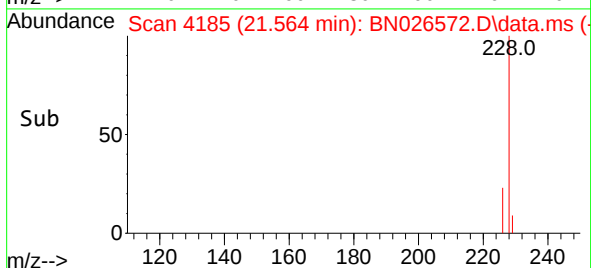
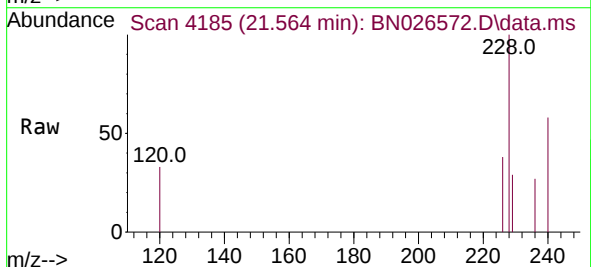
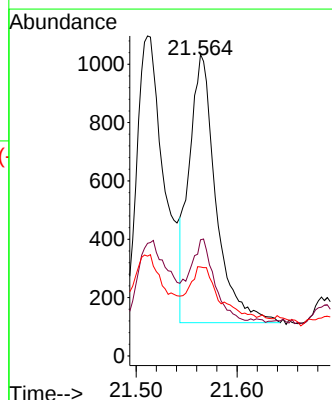
Tgt Ion:228 Resp: 1696

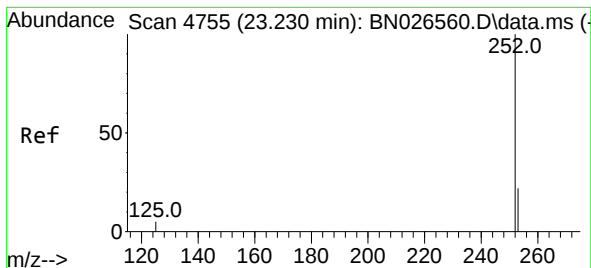
Ion Ratio Lower Upper

228 100

226 38.5 25.2 37.8#

229 29.5 16.4 24.6#





#24

Benzo(b)fluoranthene

Concen: 0.067 ng/ul

RT: 23.224 min Scan# 4753

Delta R.T. -0.006 min

Lab File: BN026572.D

Acq: 18 Jul 2023 19:52

Instrument :

BNA_N

ClientSampleId :

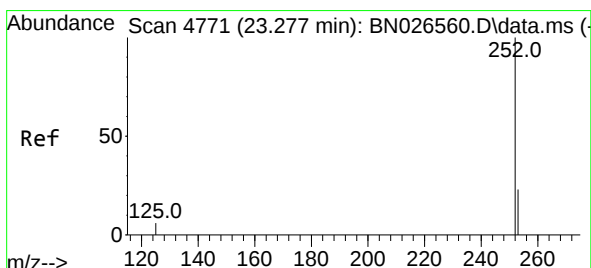
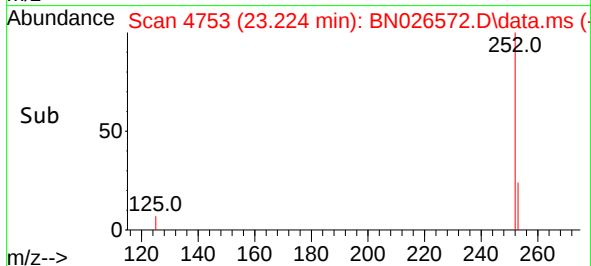
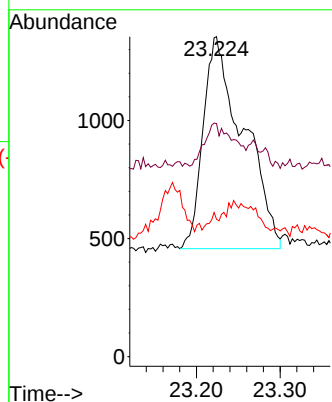
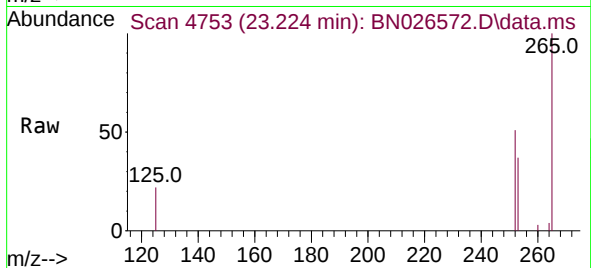
Tgt Ion:252 Resp: 3002

Ion Ratio Lower Upper

252 100

253 72.8 0.0 68.6#

125 43.0 0.0 34.0#



#25

Benzo(k)fluoranthene

Concen: 0.050 ng/ul

RT: 23.224 min Scan# 4753

Delta R.T. -0.053 min

Lab File: BN026572.D

Acq: 18 Jul 2023 19:52

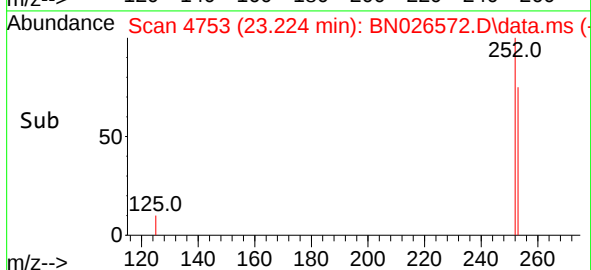
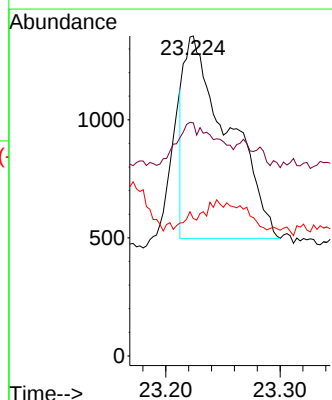
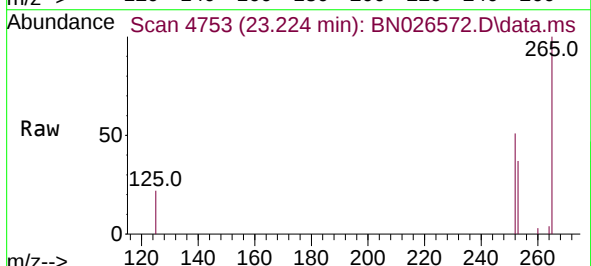
Tgt Ion:252 Resp: 2312

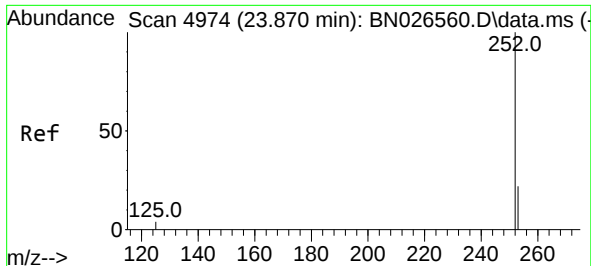
Ion Ratio Lower Upper

252 100

253 72.8 27.2 40.8#

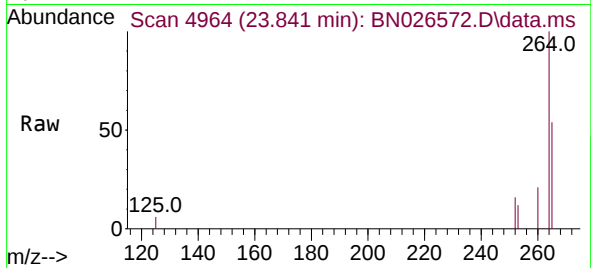
125 43.0 13.4 20.2#



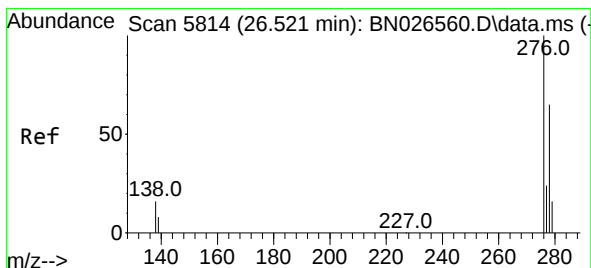
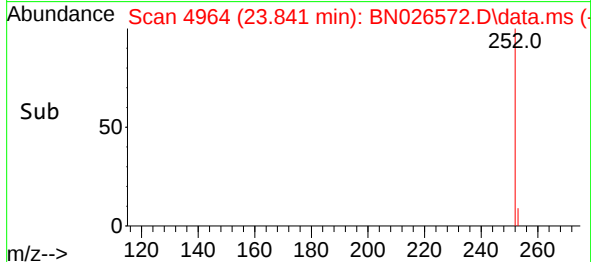
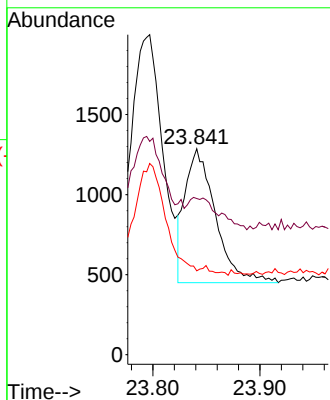


#26
Benzo(a)pyrene
Concen: 0.041 ng/ul
RT: 23.841 min Scan# 4974
Delta R.T. -0.029 min
Lab File: BN026572.D
Acq: 18 Jul 2023 19:52

Instrument :
BNA_N
ClientSampleId :

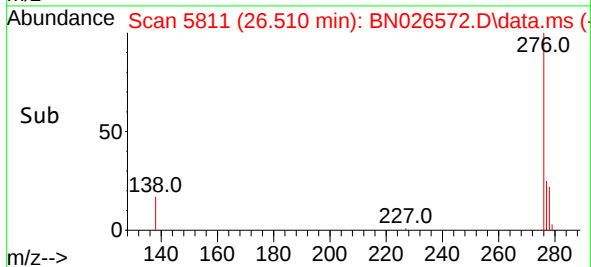
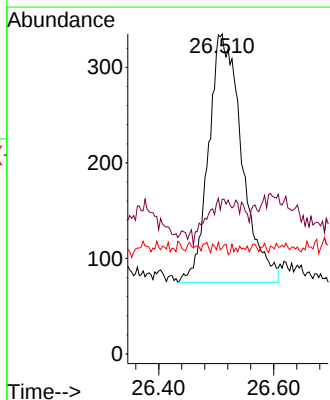
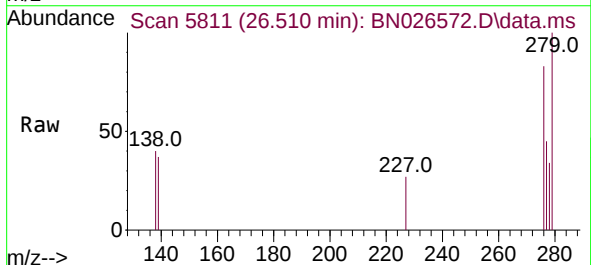


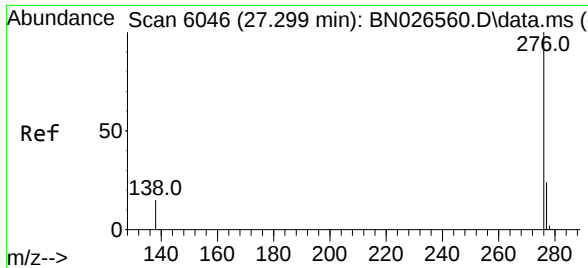
Tgt Ion:252 Resp: 1643
Ion Ratio Lower Upper
252 100
253 75.9 32.6 49.0#
125 40.7 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng/ul
RT: 26.510 min Scan# 5811
Delta R.T. -0.010 min
Lab File: BN026572.D
Acq: 18 Jul 2023 19:52

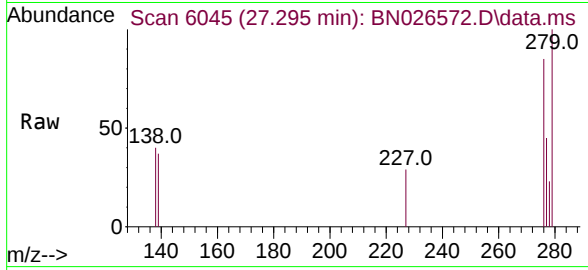
Tgt Ion:276 Resp: 1045
Ion Ratio Lower Upper
276 100
138 19.8 22.2 33.4#
227 0.4 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.020 ng/ul
 RT: 27.295 min Scan# 6045
 Delta R.T. -0.004 min
 Lab File: BN026572.D
 Acq: 18 Jul 2023 19:52

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 276 Resp: 933

Ion	Ratio	Lower	Upper
276	100		
138	47.2	22.6	34.0#
277	53.4	21.8	32.8#

