

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
 Data File : BN026406.D
 Acq On : 09 Jul 2023 03:50
 Operator : MA/JU
 Sample : 03349-08MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBW01MSD

Quant Time: Jul 09 04:22:50 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 : Sat Jul 08 09:20:18 2023
 Response via : Initial Calibration

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

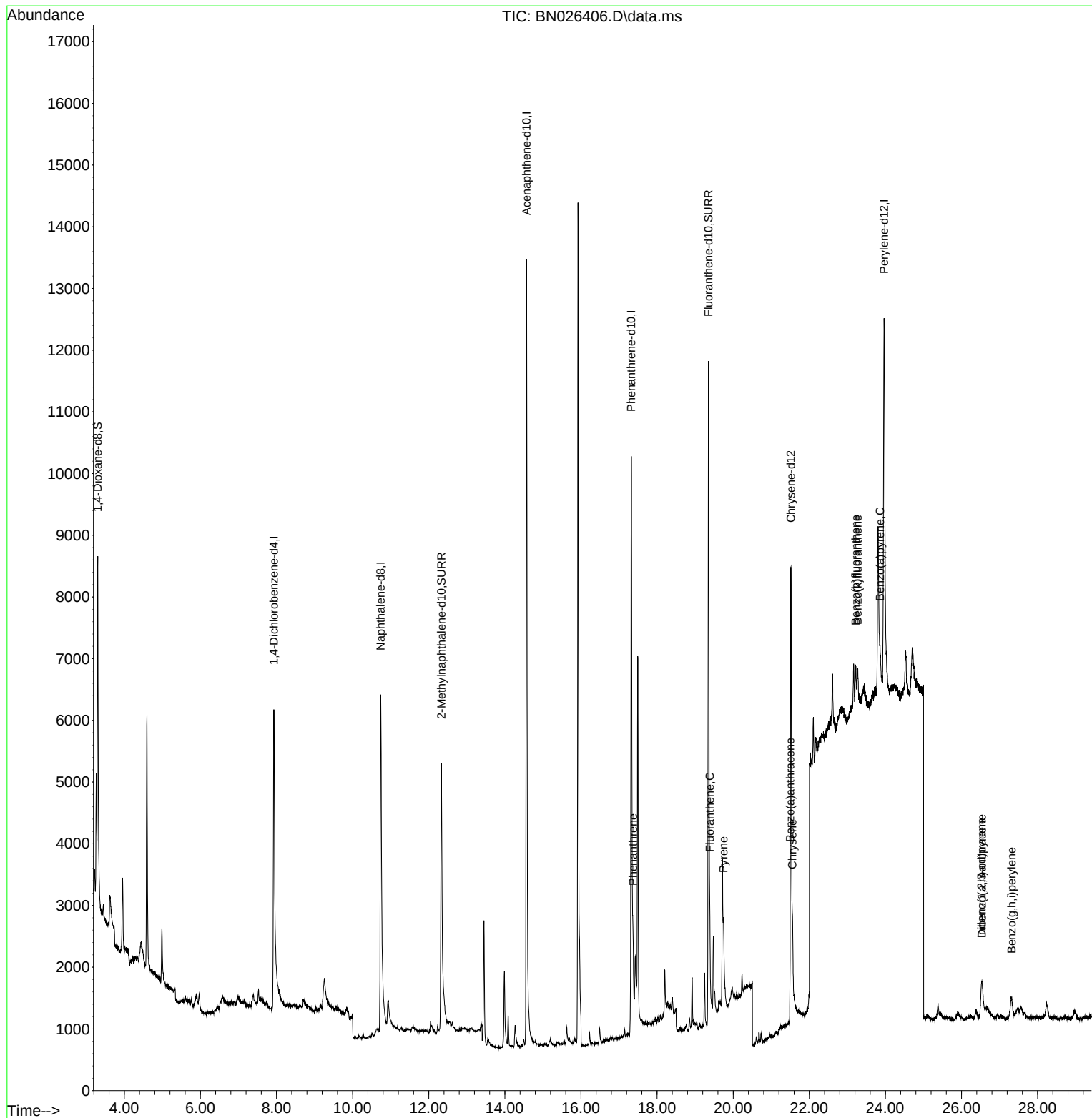
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	4316	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	13043	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.570	164	8710	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	14543	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	9487	0.400	ng/ul	-0.01
23) Perylene-d12	23.964	264	9582	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	4166	0.857	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	8854	0.441	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	15030	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.368	178	1263	0.026	ng/ul#	70
19) Fluoranthene	19.382	202	1128	0.022	ng/ul#	53
20) Pyrene	19.744	202	1258	0.024	ng/ul#	64
21) Benzo(a)anthracene	21.500	228	1115	0.028	ng/ul#	73
22) Chrysene	21.555	228	1272	0.031	ng/ul#	81
24) Benzo(b)fluoranthene	23.218	252	1183	0.029	ng/ul#	1
25) Benzo(k)fluoranthene	23.268	252	1089	0.027	ng/ul#	1
26) Benzo(a)pyrene	23.858	252	1014	0.029	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.527	276	1133	0.029	ng/ul#	62
28) Dibenzo(a,h)anthracene	26.537	278	813	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.315	276	1036	0.030	ng/ul#	25

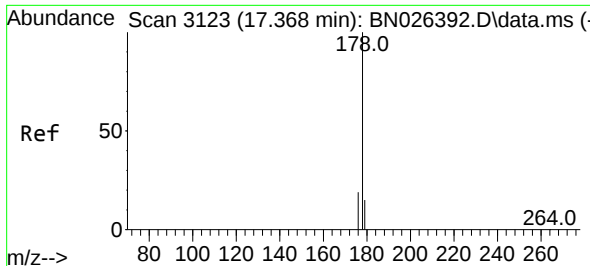
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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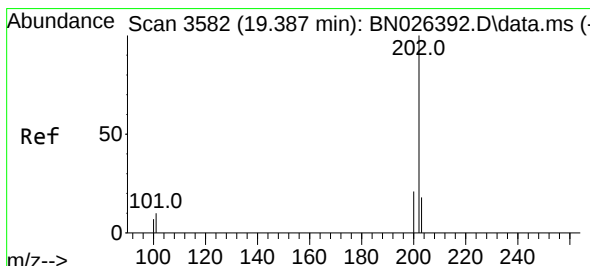
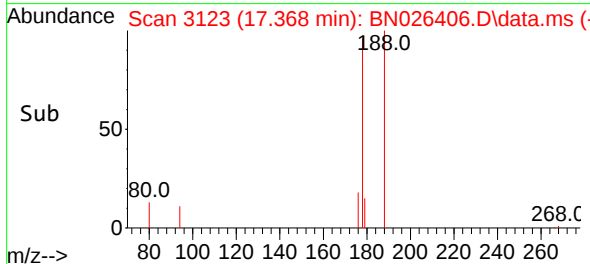
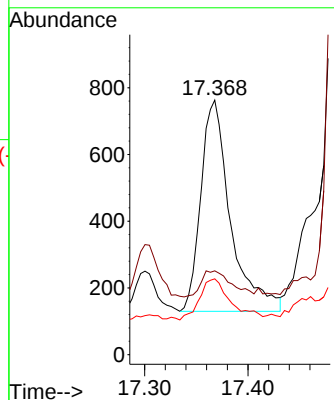
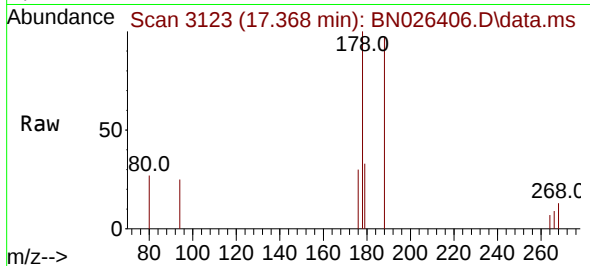




#15
Phenanthrene
Concen: 0.026 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BN026406.D
Acq: 09 Jul 2023 03:50

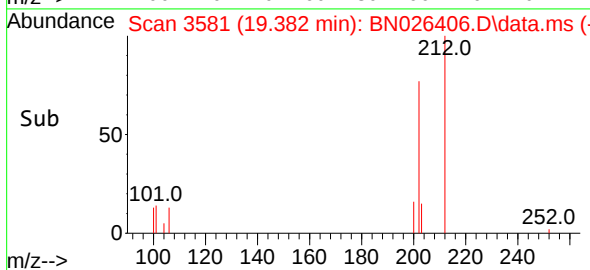
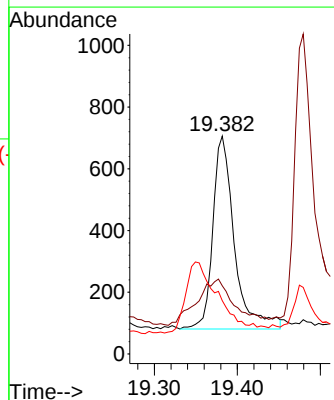
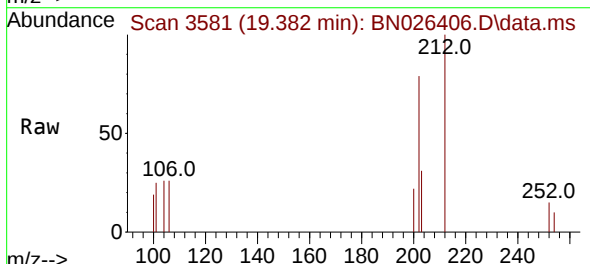
Instrument :
BNA_N
ClientSampleId :
YBW01MSD

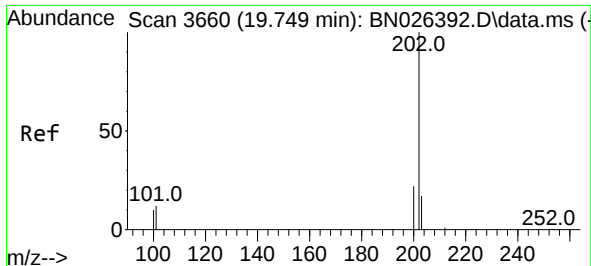
Tgt Ion:	178	Resp:	1263
Ion Ratio	Lower	Upper	
178	100		
179	32.9	12.6	19.0#
176	29.8	15.8	23.6#



#19
Fluoranthene
Concen: 0.022 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. -0.004 min
Lab File: BN026406.D
Acq: 09 Jul 2023 03:50

Tgt Ion:	202	Resp:	1128
Ion Ratio	Lower	Upper	
202	100		
101	31.3	9.5	14.3#
100	24.5	7.3	10.9#

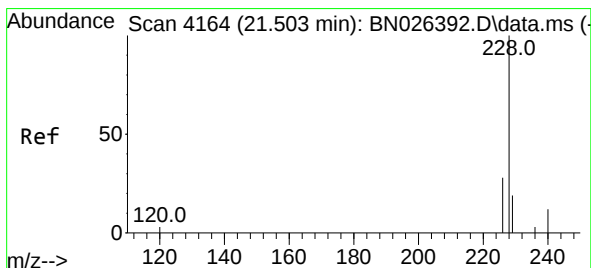
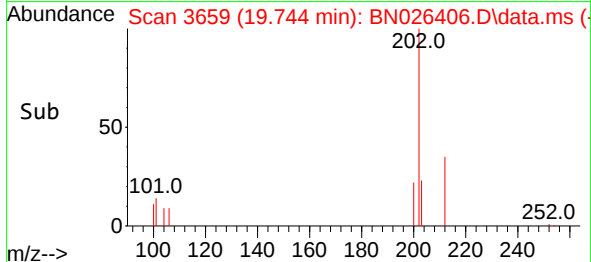
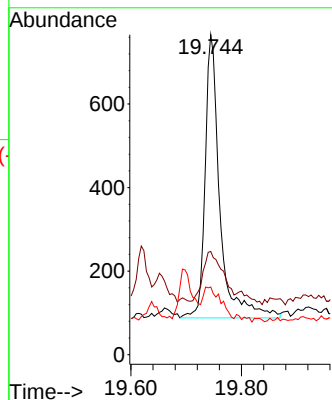
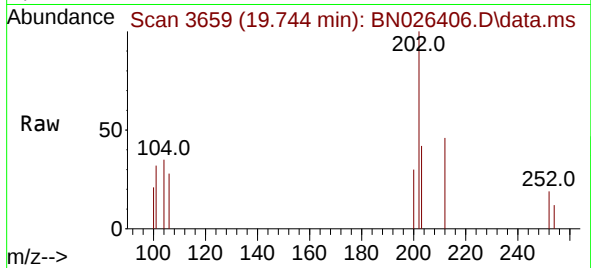




#20
 Pyrene
 Concen: 0.024 ng/ul
 RT: 19.744 min Scan# 3659
 Delta R.T. -0.008 min
 Lab File: BN026406.D
 Acq: 09 Jul 2023 03:50

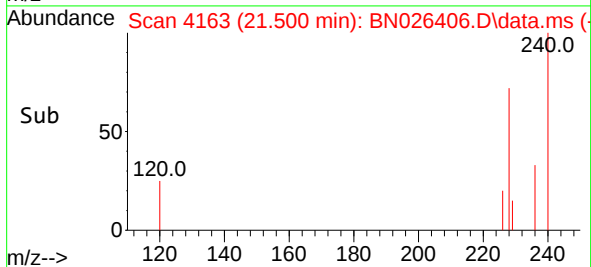
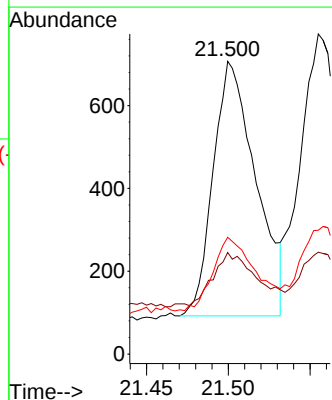
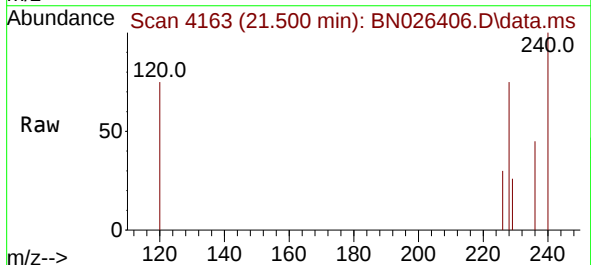
Instrument :
 BNA_N
 ClientSampleId :
 YBW01MSD

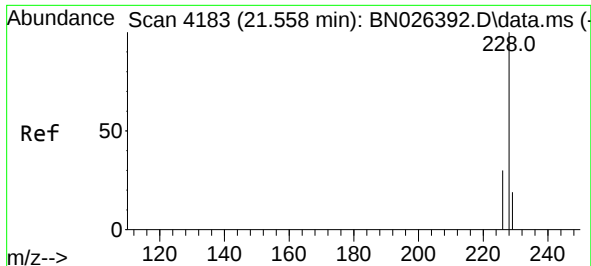
Tgt Ion:202 Resp: 1258
 Ion Ratio Lower Upper
 202 100
 101 32.2 11.4 17.0#
 100 21.1 9.1 13.7#



#21
 Benzo(a)anthracene
 Concen: 0.028 ng/ul
 RT: 21.500 min Scan# 4163
 Delta R.T. -0.011 min
 Lab File: BN026406.D
 Acq: 09 Jul 2023 03:50

Tgt Ion:228 Resp: 1115
 Ion Ratio Lower Upper
 228 100
 229 34.7 15.8 23.6#
 226 39.9 22.5 33.7#





#22

Chrysene

Concen: 0.031 ng/ul

RT: 21.555 min Scan# 4183

Delta R.T. -0.008 min

Lab File: BN026406.D

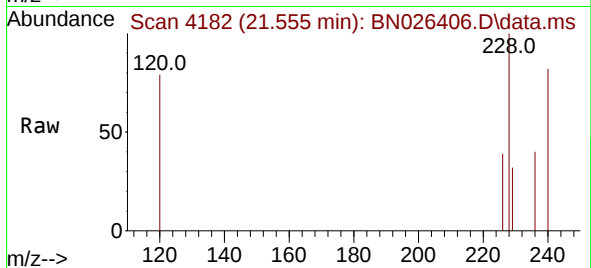
Acq: 09 Jul 2023 03:50

Instrument :

BNA_N

ClientSampleId :

YBW01MSD



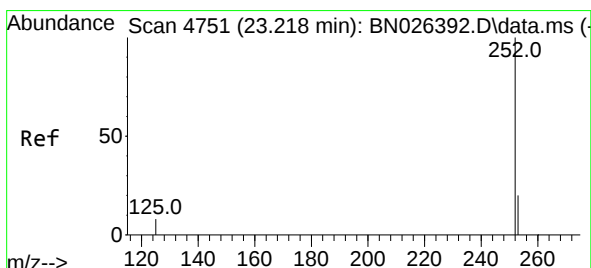
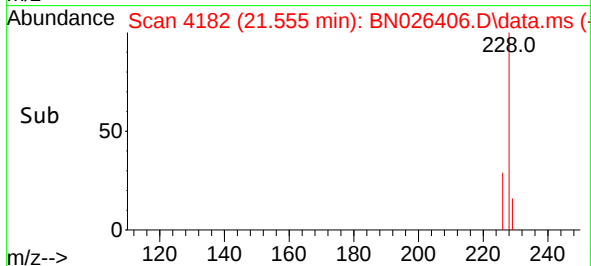
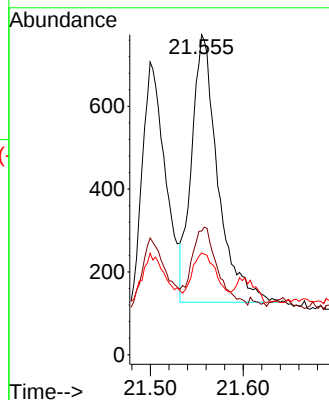
Tgt Ion:228 Resp: 1272

Ion Ratio Lower Upper

228 100

226 38.7 24.8 37.2#

229 31.8 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.029 ng/ul

RT: 23.218 min Scan# 4751

Delta R.T. -0.008 min

Lab File: BN026406.D

Acq: 09 Jul 2023 03:50

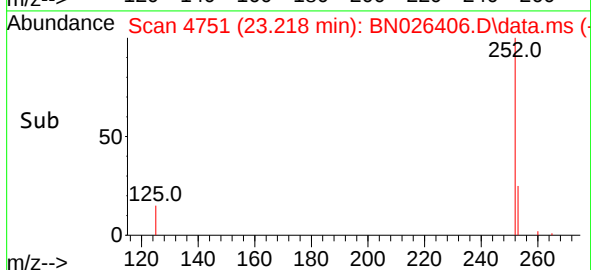
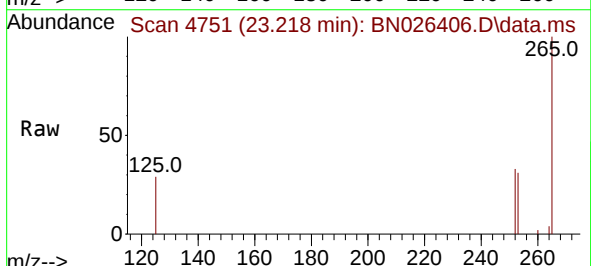
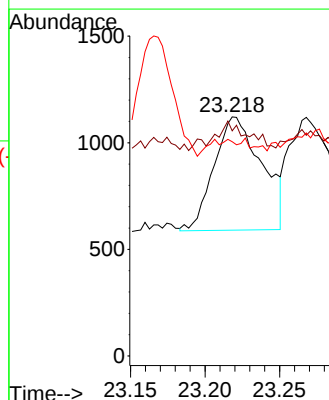
Tgt Ion:252 Resp: 1183

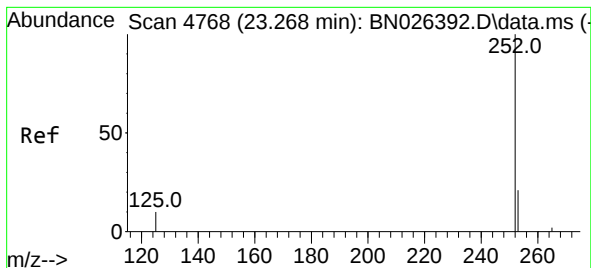
Ion Ratio Lower Upper

252 100

253 94.2 0.0 55.6#

125 89.7 0.0 35.8#





#25

Benzo(k)fluoranthene

Concen: 0.027 ng/ul

RT: 23.268 min Scan# 41

Delta R.T. -0.005 min

Lab File: BN026406.D

Acq: 09 Jul 2023 03:50

Instrument :

BNA_N

ClientSampleId :

YBW01MSD

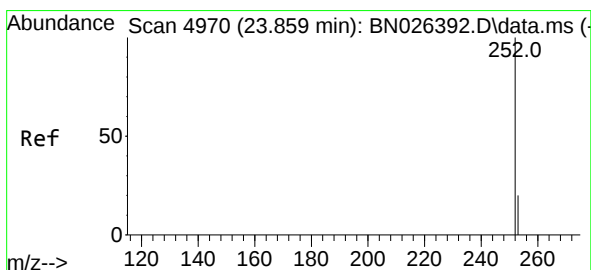
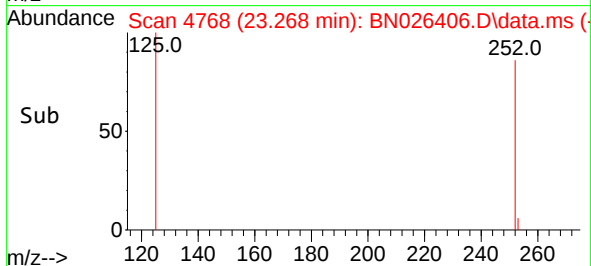
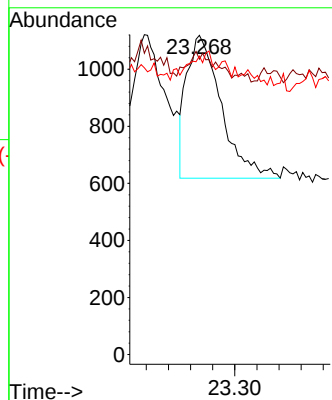
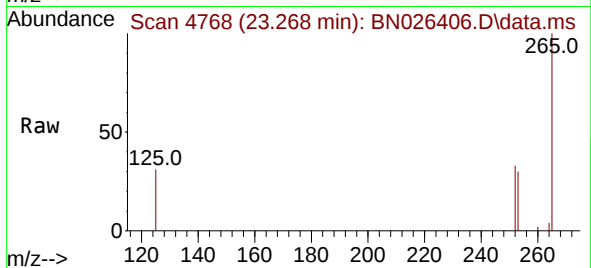
Tgt Ion:252 Resp: 1089

Ion Ratio Lower Upper

252 100

253 92.5 23.2 34.8#

125 93.5 15.0 22.4#



#26

Benzo(a)pyrene

Concen: 0.029 ng/ul

RT: 23.858 min Scan# 4970

Delta R.T. -0.008 min

Lab File: BN026406.D

Acq: 09 Jul 2023 03:50

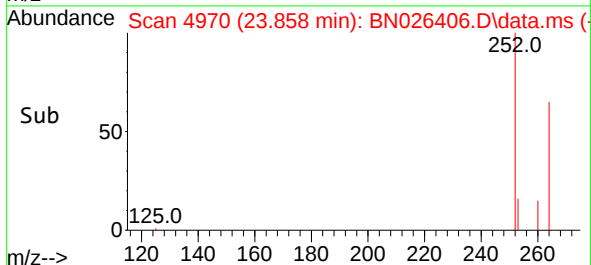
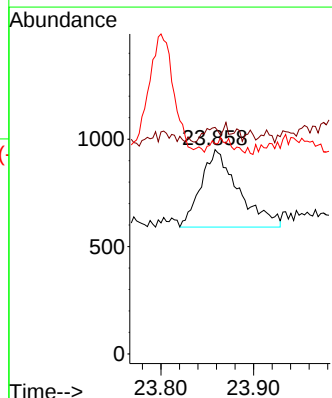
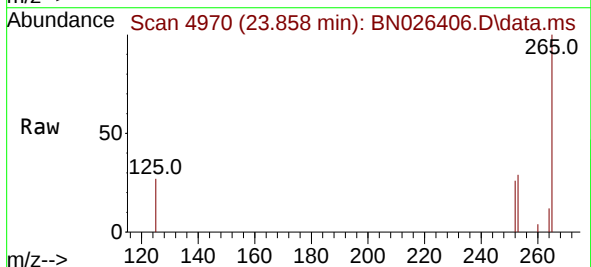
Tgt Ion:252 Resp: 1014

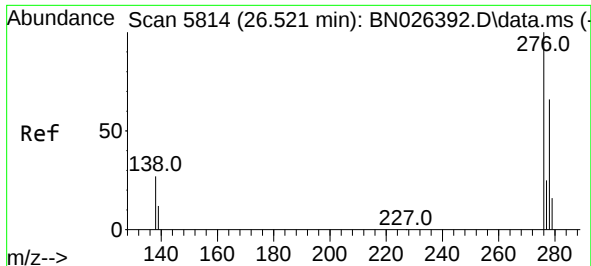
Ion Ratio Lower Upper

252 100

253 110.9 26.0 39.0#

125 102.8 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.029 ng/ul

RT: 26.527 min Scan# 5816

Delta R.T. 0.001 min

Lab File: BN026406.D

Acq: 09 Jul 2023 03:50

Instrument :

BNA_N

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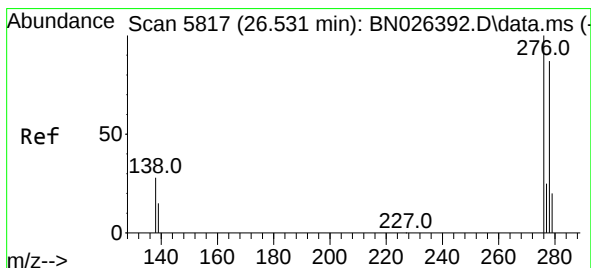
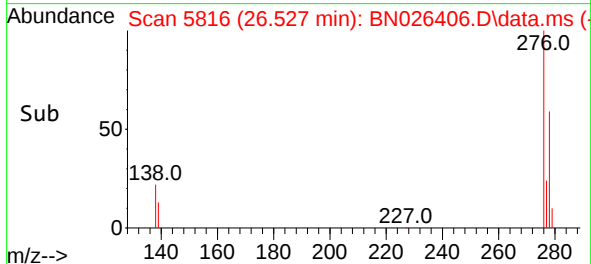
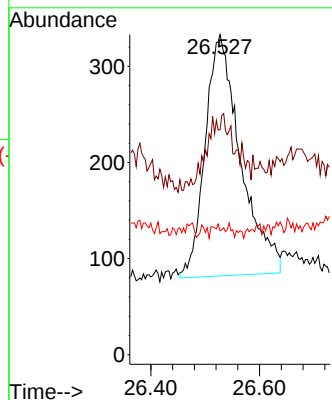
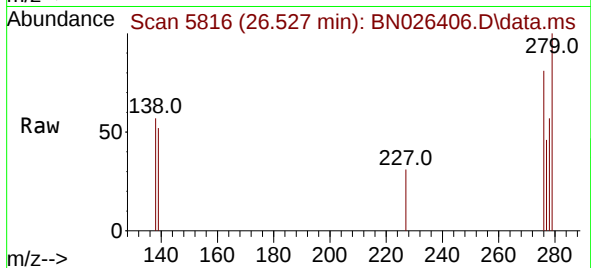
Tgt Ion:276 Resp: 1133

Ion Ratio Lower Upper

276 100

138 10.1 24.5 36.7#

227 1.7 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.028 ng/ul

RT: 26.537 min Scan# 5819

Delta R.T. -0.003 min

Lab File: BN026406.D

Acq: 09 Jul 2023 03:50

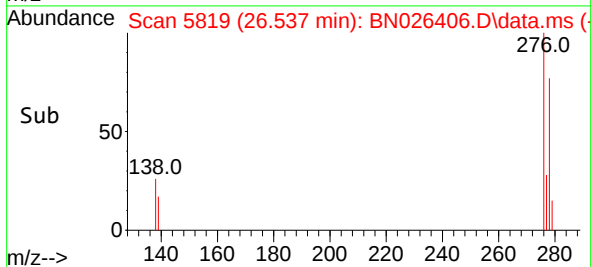
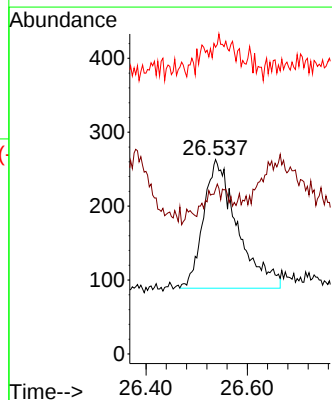
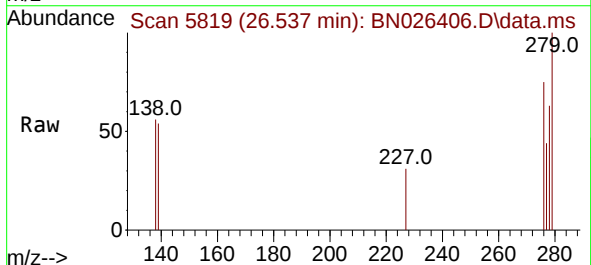
Tgt Ion:278 Resp: 813

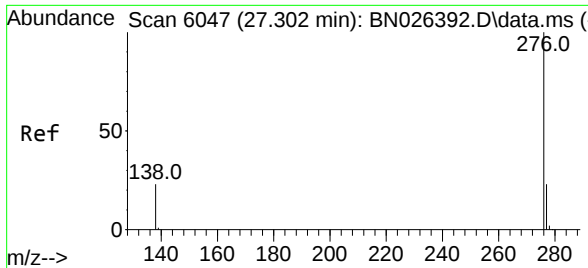
Ion Ratio Lower Upper

278 100

139 84.8 19.0 28.4#

279 157.8 26.7 40.1#





#29

Benzo(g,h,i)perylene

Concen: 0.030 ng/ul

RT: 27.315 min Scan# 60

Delta R.T. 0.001 min

Lab File: BN026406.D

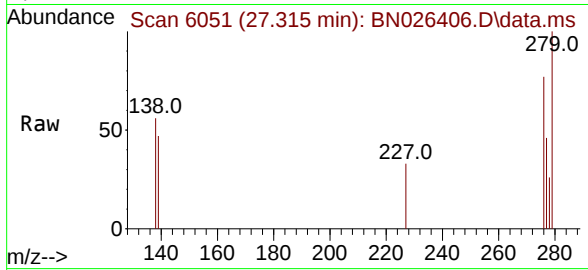
Acq: 09 Jul 2023 03:50

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:276 Resp: 1036

Ion Ratio Lower Upper

276 100

138 71.8 23.4 35.0#

277 59.5 20.0 30.0#

