

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026568.D
 Acq On : 18 Jul 2023 17:22
 Operator : MA/JU
 Sample : 03458-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 19 00:17:52 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)

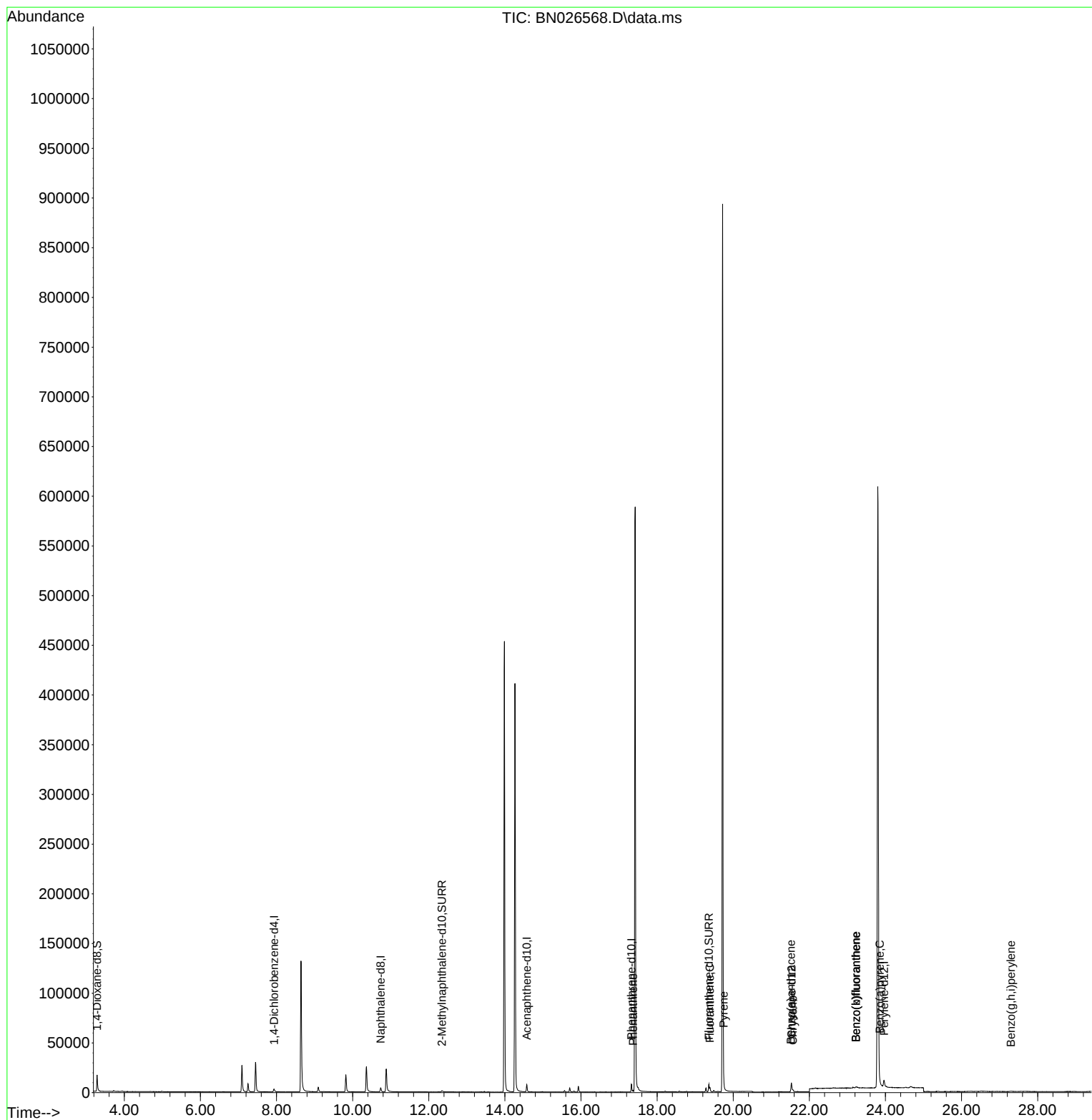
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	2137	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.736	136	6666	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.574	164	4374	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	10200	0.400	ng/ul	0.00
17) Chrysene-d12	21.531	240	9959	0.400	ng/ul	# 0.00
23) Perylene-d12	23.961	264	11072	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	12063	4.286	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.347	152	2566	0.283	ng/ul	0.00
18) Fluoranthene-d10	19.358	212	9232	0.267	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.368	178	1566	0.048	ng/ul#	90
19) Fluoranthene	19.386	202	3980	0.085	ng/ul#	93
20) Pyrene	19.749	202	3880	0.077	ng/ul#	86
21) Benzo(a)anthracene	21.514	228	2013	0.055	ng/ul#	86
22) Chrysene	21.569	228	1677	0.040	ng/ul#	85
24) Benzo(b)fluoranthene	23.227	252	2996	0.069	ng/ul#	28
25) Benzo(k)fluoranthene	23.227	252	2234	0.049	ng/ul#	28
26) Benzo(a)pyrene	23.849	252	1502	0.039	ng/ul#	46
29) Benzo(g,h,i)perylene	27.298	276	923	0.021	ng/ul#	52

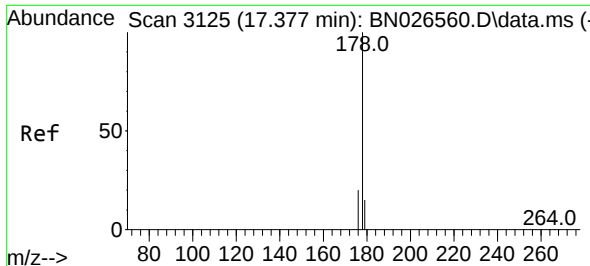
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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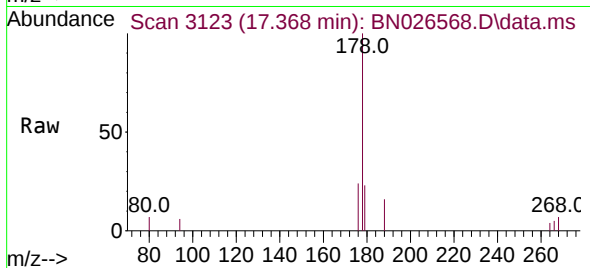
Quant Time: Jul 19 00:17:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration



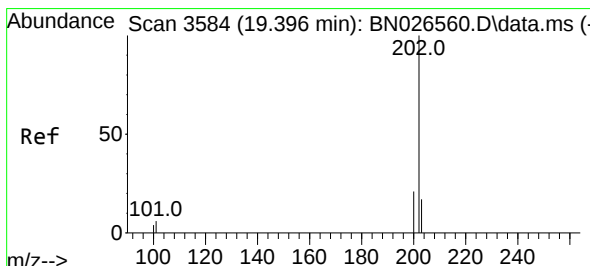
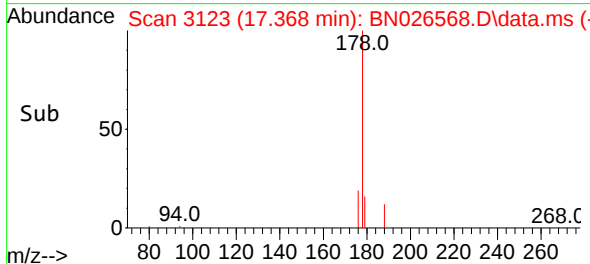
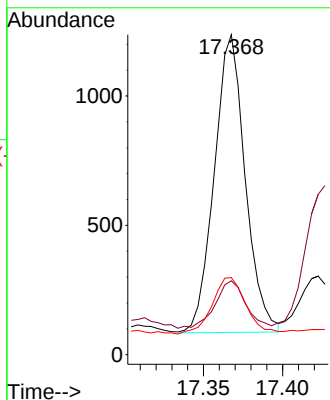


#15
Phenanthrene
Concen: 0.048 ng/ul
RT: 17.368 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BN026568.D
Acq: 18 Jul 2023 17:22

Instrument :
BNA_N
ClientSampleId :

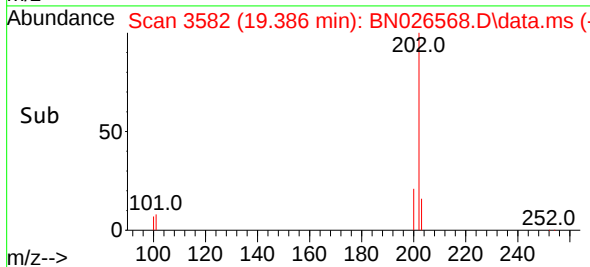
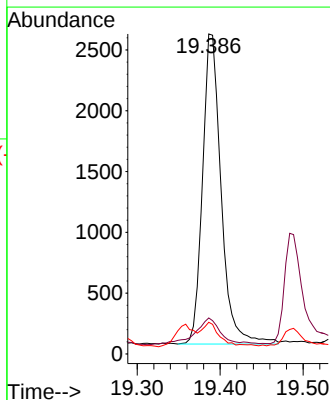
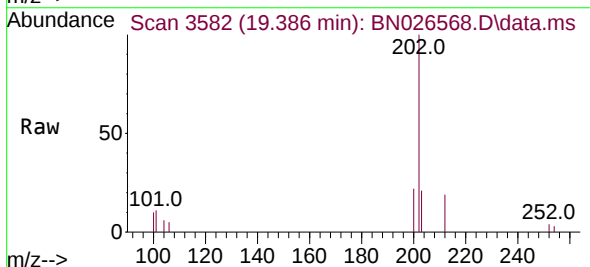


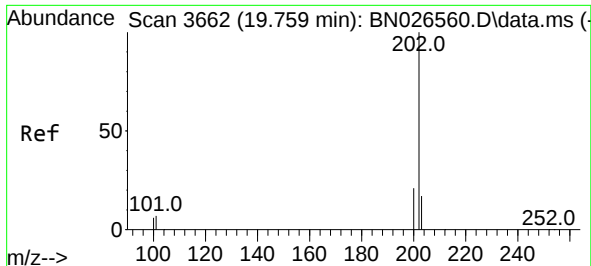
Tgt Ion:178 Resp: 1566
Ion Ratio Lower Upper
178 100
179 23.1 13.7 20.5#
176 24.1 16.5 24.7



#19
Fluoranthene
Concen: 0.085 ng/ul
RT: 19.386 min Scan# 3582
Delta R.T. -0.010 min
Lab File: BN026568.D
Acq: 18 Jul 2023 17:22

Tgt Ion:202 Resp: 3980
Ion Ratio Lower Upper
202 100
101 11.3 7.0 10.4#
100 9.9 6.0 9.0#

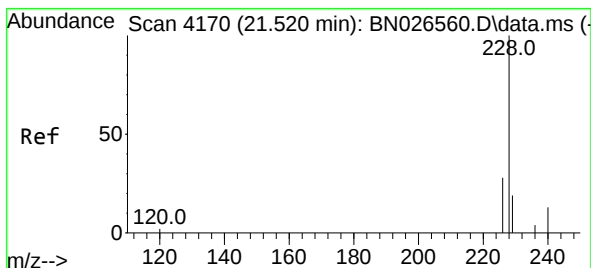
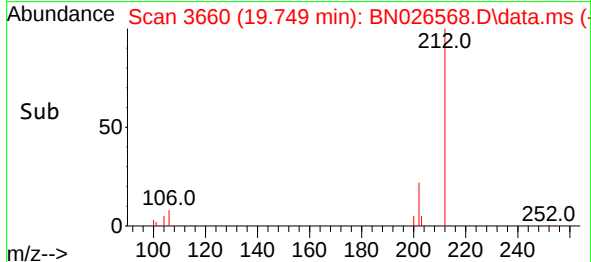
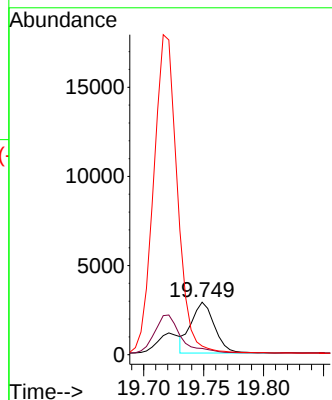
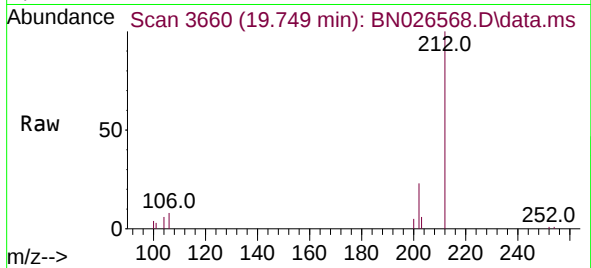




#20
Pyrene
Concen: 0.077 ng/ul
RT: 19.749 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BN026568.D
Acq: 18 Jul 2023 17:22

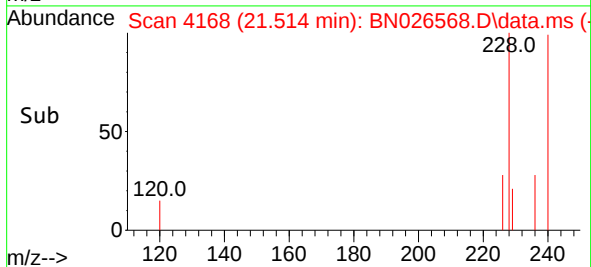
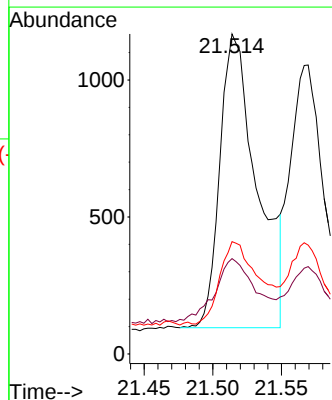
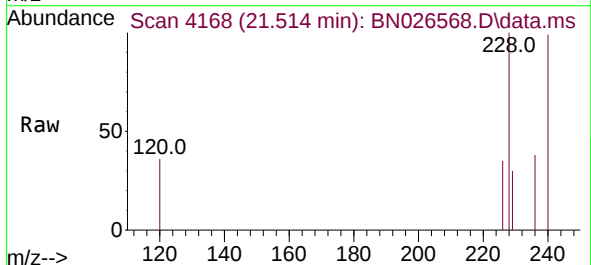
Instrument :
BNA_N
ClientSampleId :

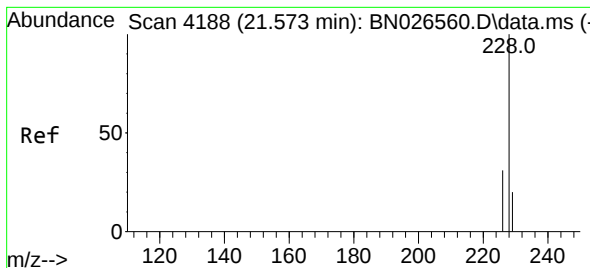
Tgt Ion:202 Resp: 3880
Ion Ratio Lower Upper
202 100
101 11.9 8.0 12.0
100 16.4 6.2 9.2#



#21
Benzo(a)anthracene
Concen: 0.055 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.006 min
Lab File: BN026568.D
Acq: 18 Jul 2023 17:22

Tgt Ion:228 Resp: 2013
Ion Ratio Lower Upper
228 100
229 29.8 16.7 25.1#
226 35.1 23.5 35.3





#22

Chrysene

Concen: 0.040 ng/ul

RT: 21.569 min Scan# 4188

Delta R.T. -0.003 min

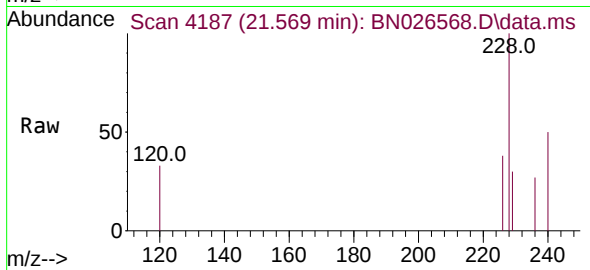
Lab File: BN026568.D

Acq: 18 Jul 2023 17:22

Instrument :

BNA_N

ClientSampleId :



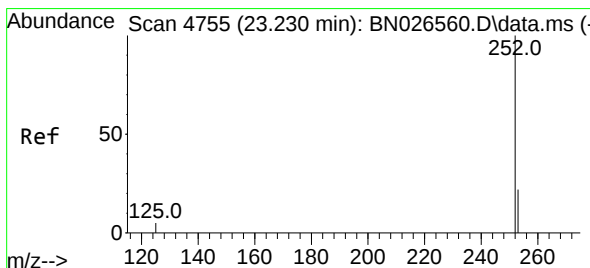
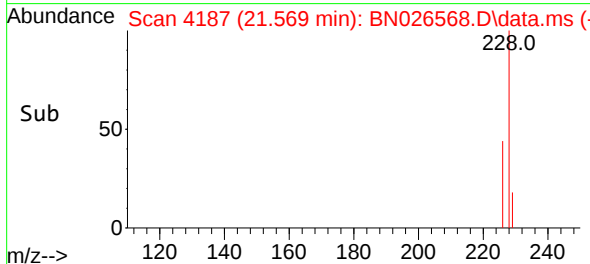
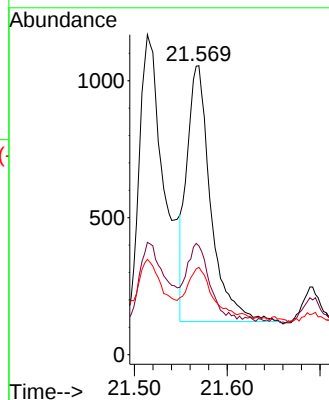
Tgt Ion:228 Resp: 1677

Ion Ratio Lower Upper

228 100

226 37.6 25.2 37.8

229 30.2 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.069 ng/ul

RT: 23.227 min Scan# 4754

Delta R.T. -0.003 min

Lab File: BN026568.D

Acq: 18 Jul 2023 17:22

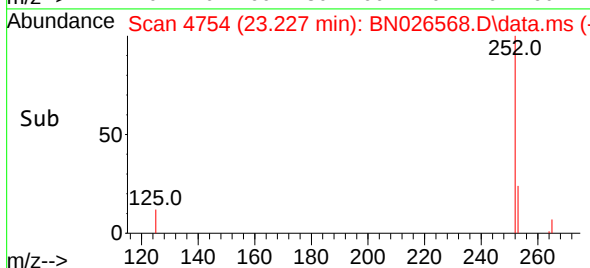
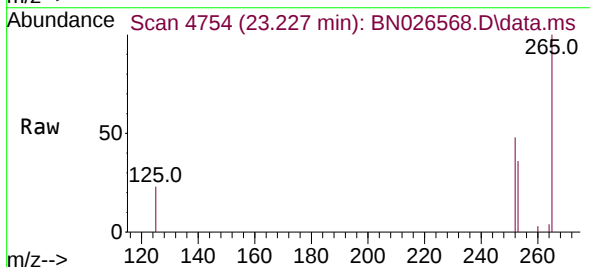
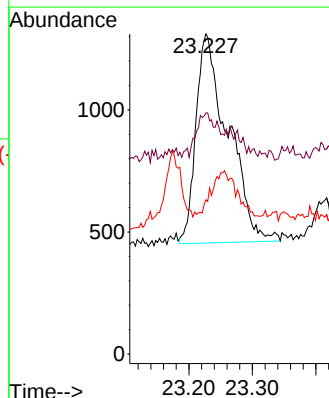
Tgt Ion:252 Resp: 2996

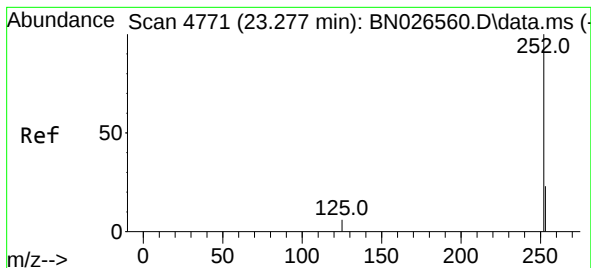
Ion Ratio Lower Upper

252 100

253 75.4 0.0 68.6#

125 48.2 0.0 34.0#





#25

Benzo(k)fluoranthene

Concen: 0.049 ng/ul

RT: 23.227 min Scan# 41

Delta R.T. -0.050 min

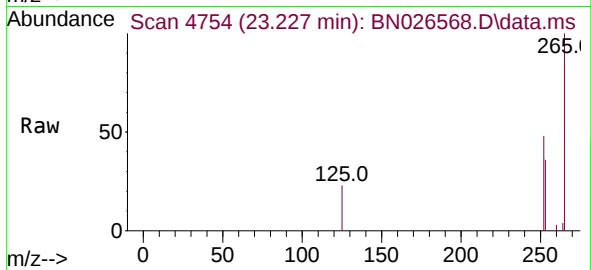
Lab File: BN026568.D

Acq: 18 Jul 2023 17:22

Instrument :

BNA_N

ClientSampleId :



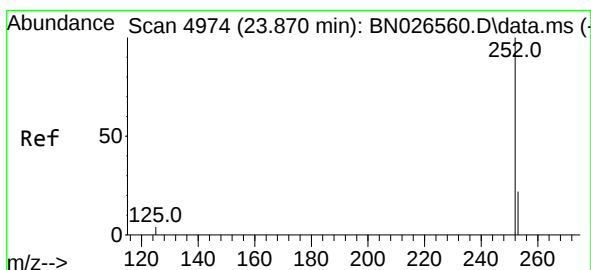
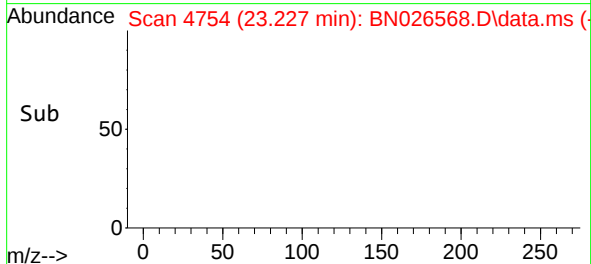
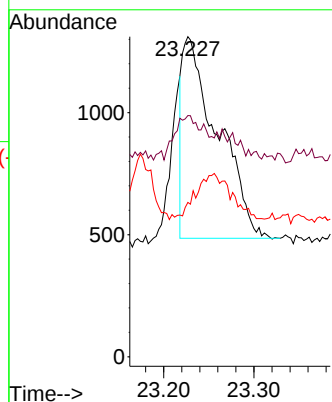
Tgt Ion:252 Resp: 2234

Ion Ratio Lower Upper

252 100

253 75.4 27.2 40.8#

125 48.2 13.4 20.2#



#26

Benzo(a)pyrene

Concen: 0.039 ng/ul

RT: 23.849 min Scan# 4967

Delta R.T. -0.021 min

Lab File: BN026568.D

Acq: 18 Jul 2023 17:22

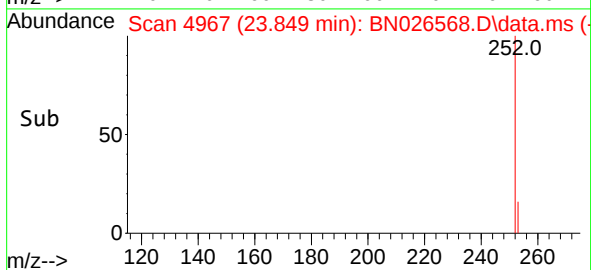
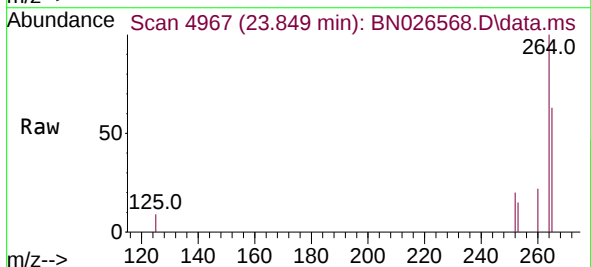
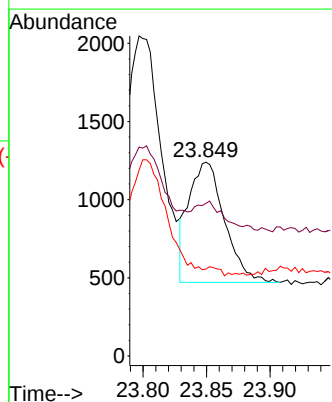
Tgt Ion:252 Resp: 1502

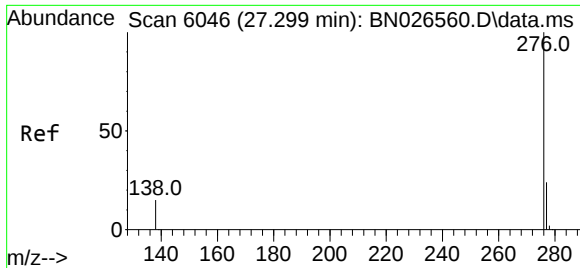
Ion Ratio Lower Upper

252 100

253 78.8 32.6 49.0#

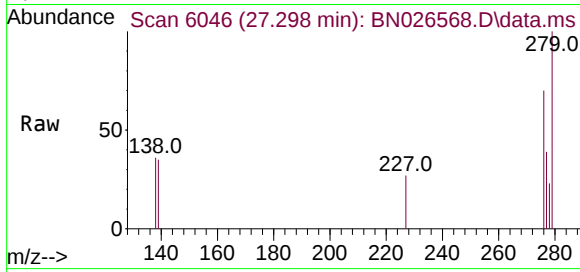
125 44.8 19.3 28.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.021 ng/ul
 RT: 27.298 min Scan# 6046
 Delta R.T. -0.000 min
 Lab File: BN026568.D
 Acq: 18 Jul 2023 17:22

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 923
 Ion Ratio Lower Upper
 276 100
 138 50.6 22.6 34.0#
 277 55.5 21.8 32.8#

