

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026573.D
 Acq On : 18 Jul 2023 20:29
 Operator : MA/JU
 Sample : 03458-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 19 00:18:57 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)

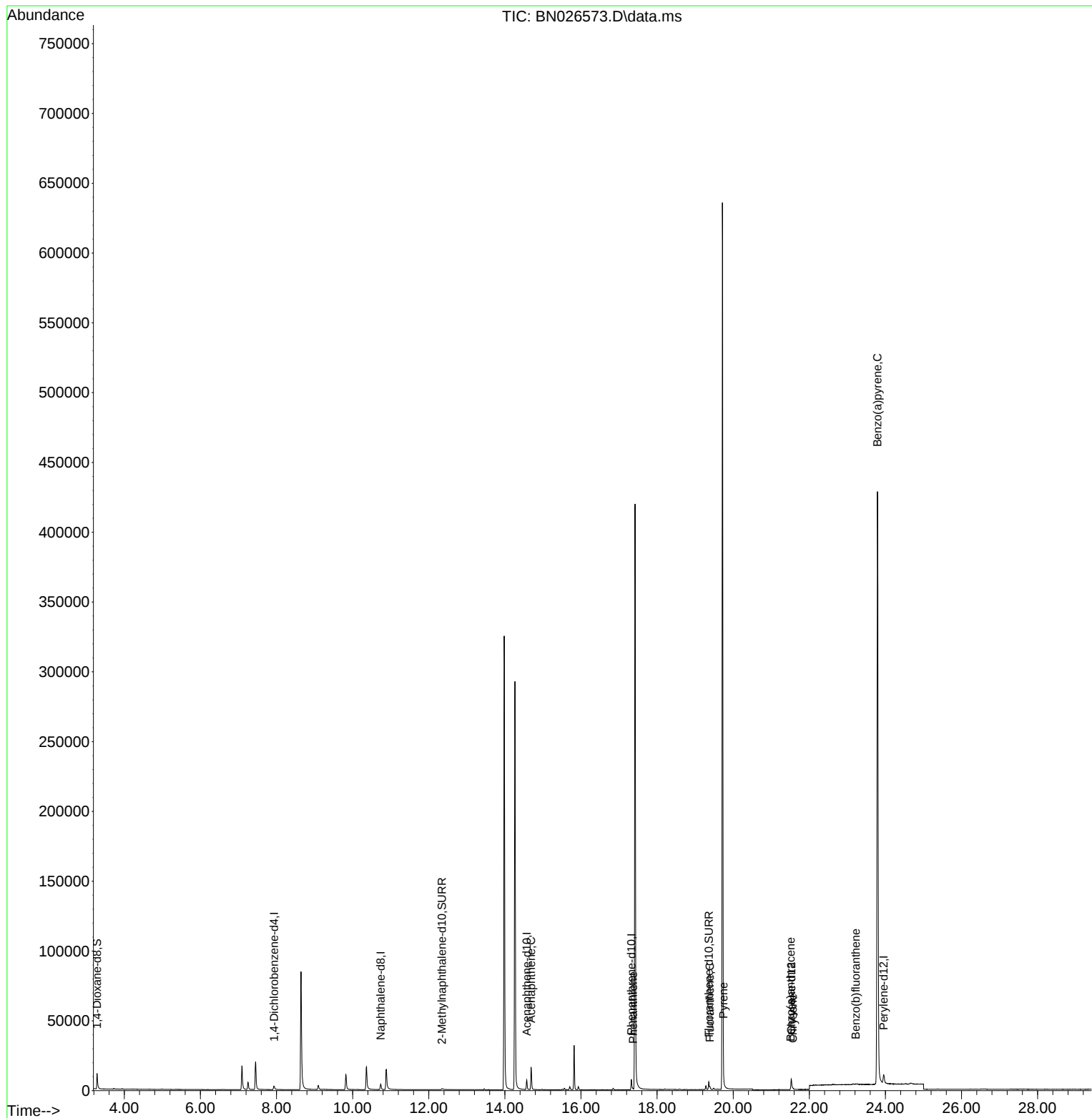
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	2041	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.737	136	6350	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.575	164	4171	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	10289	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.526	240	9483	0.400	ng/ul	# 0.00
23) Perylene-d12	23.955	264	10105	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	8490	3.158	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	1726	0.200	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	6769	0.206	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.690	153	6107	0.392	ng/ul#	1
15) Phenanthrene	17.368	178	995	0.030	ng/ul#	79
19) Fluoranthene	19.387	202	1746	0.039	ng/ul#	81
20) Pyrene	19.744	202	1803	0.037	ng/ul#	65
21) Benzo(a)anthracene	21.511	228	822	0.024	ng/ul#	65
22) Chrysene	21.567	228	863	0.022	ng/ul#	80
24) Benzo(b)fluoranthene	23.221	252	1312	0.033	ng/ul#	1
26) Benzo(a)pyrene	23.791	252	2925	0.083	ng/ul#	38

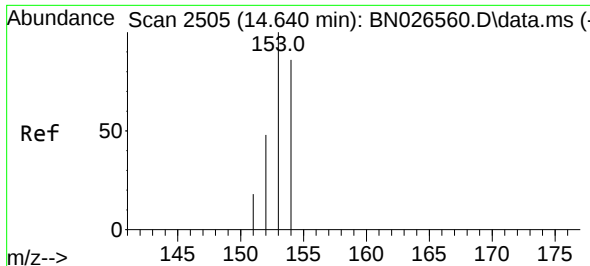
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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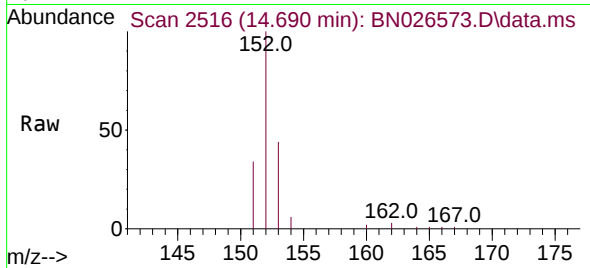
Quant Time: Jul 19 00:18:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration



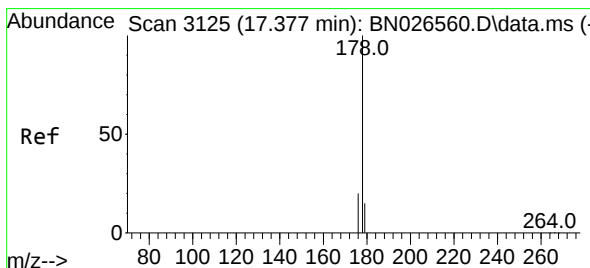
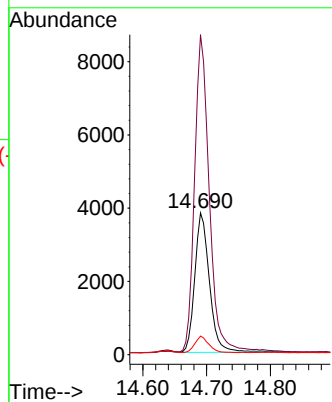
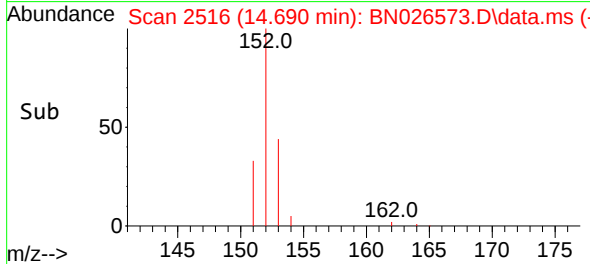


#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.690 min Scan# 2516
Delta R.T. 0.051 min
Lab File: BN026573.D
Acq: 18 Jul 2023 20:29

Instrument :
BNA_N
ClientSampleId :

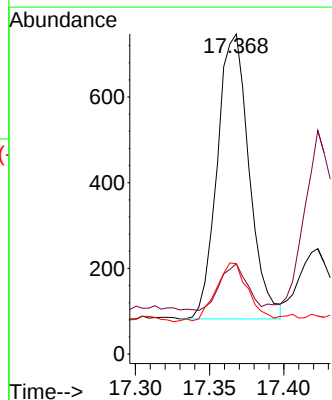
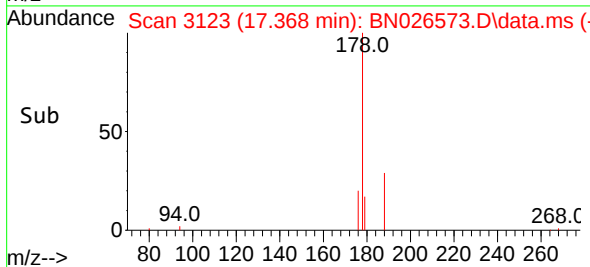
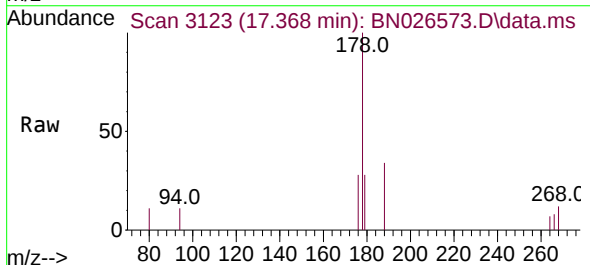


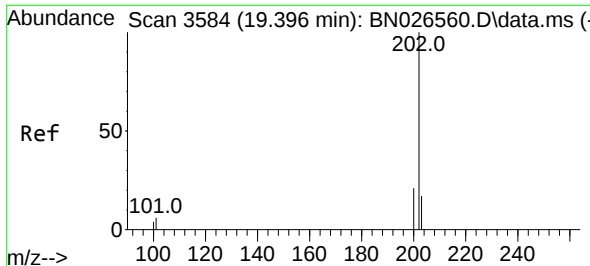
Tgt Ion:153 Resp: 6107
Ion Ratio Lower Upper
153 100
152 225.6 40.2 60.4#
154 13.1 69.3 103.9#



#15
Phenanthrene
Concen: 0.030 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BN026573.D
Acq: 18 Jul 2023 20:29

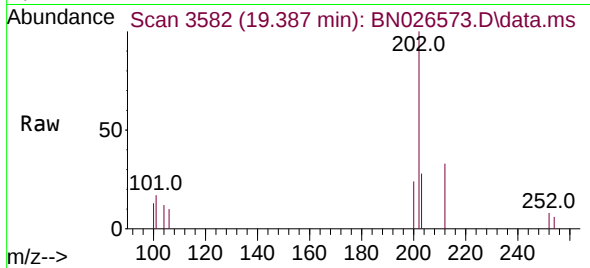
Tgt Ion:178 Resp: 995
Ion Ratio Lower Upper
178 100
179 28.2 13.7 20.5#
176 28.2 16.5 24.7#



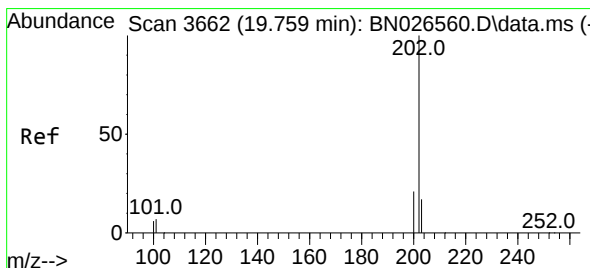
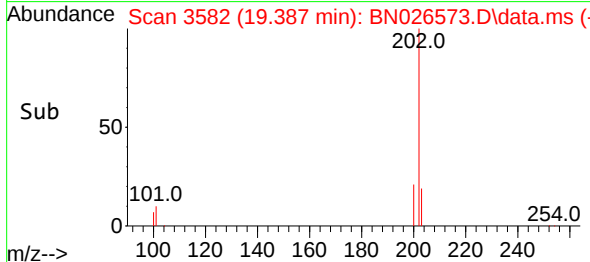
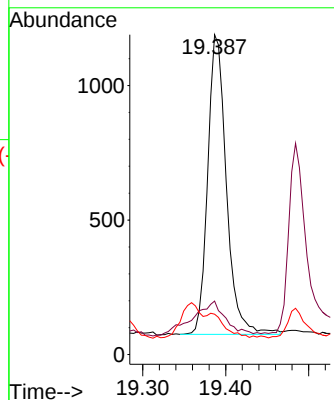


#19
Fluoranthene
Concen: 0.039 ng/u1
RT: 19.387 min Scan# 3582
Delta R.T. -0.009 min
Lab File: BN026573.D
Acq: 18 Jul 2023 20:29

Instrument :
BNA_N
ClientSampleId :

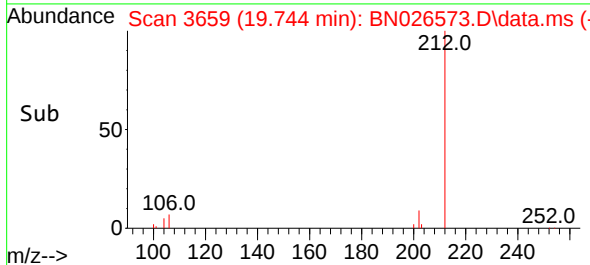
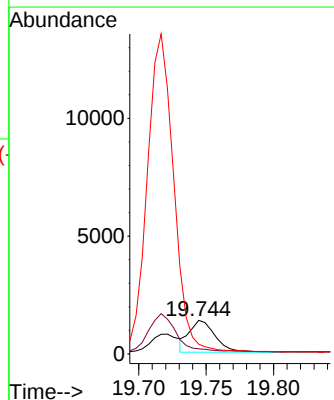
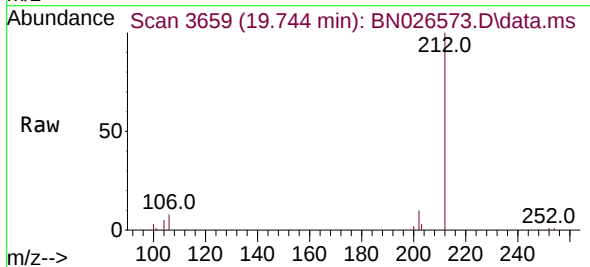


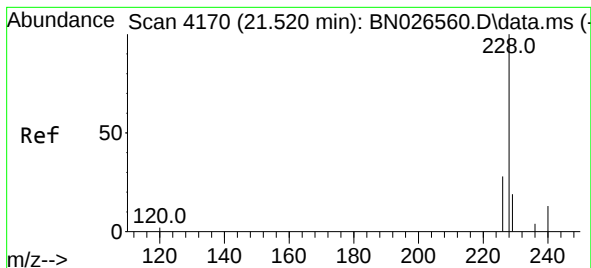
Tgt Ion:202 Resp: 1746
Ion Ratio Lower Upper
202 100
101 16.7 7.0 10.4#
100 12.6 6.0 9.0#



#20
Pyrene
Concen: 0.037 ng/u1
RT: 19.744 min Scan# 3659
Delta R.T. -0.014 min
Lab File: BN026573.D
Acq: 18 Jul 2023 20:29

Tgt Ion:202 Resp: 1803
Ion Ratio Lower Upper
202 100
101 15.4 8.0 12.0#
100 29.3 6.2 9.2#





#21

Benzo(a)anthracene

Concen: 0.024 ng/ul

RT: 21.511 min Scan# 4167

Delta R.T. -0.009 min

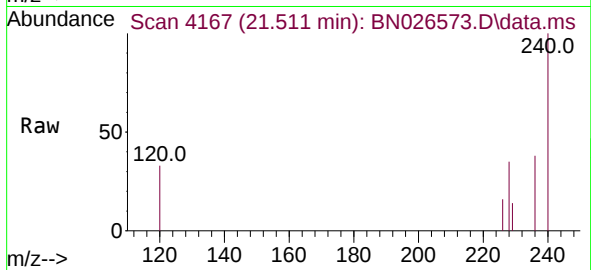
Lab File: BN026573.D

Acq: 18 Jul 2023 20:29

Instrument :

BNA_N

ClientSampleId :



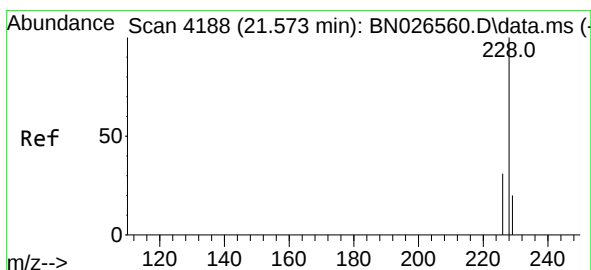
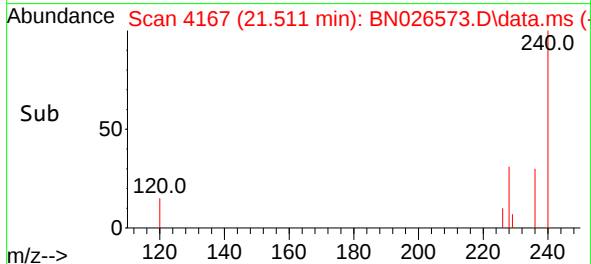
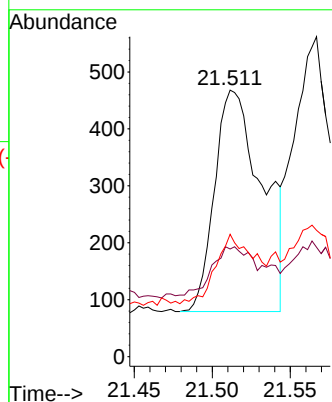
Tgt Ion:228 Resp: 822

Ion Ratio Lower Upper

228 100

229 40.4 16.7 25.1#

226 45.9 23.5 35.3#



#22

Chrysene

Concen: 0.022 ng/ul

RT: 21.567 min Scan# 4186

Delta R.T. -0.006 min

Lab File: BN026573.D

Acq: 18 Jul 2023 20:29

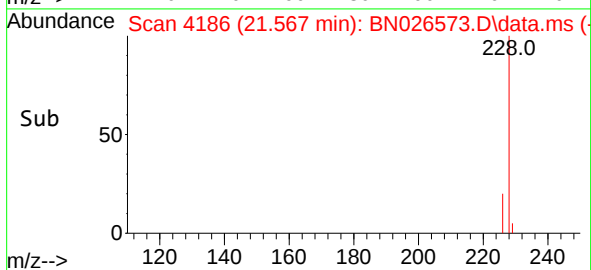
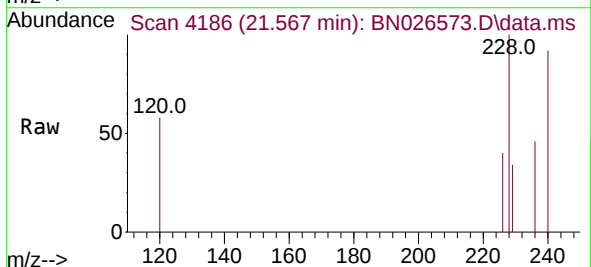
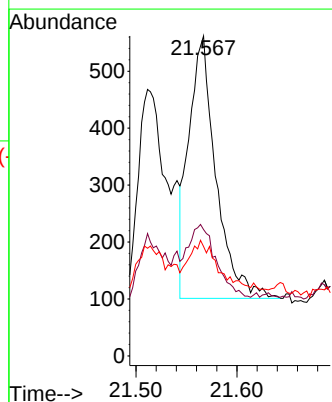
Tgt Ion:228 Resp: 863

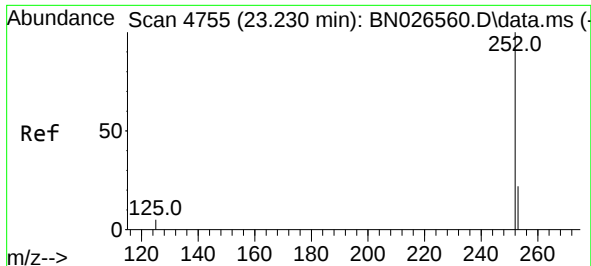
Ion Ratio Lower Upper

228 100

226 39.5 25.2 37.8#

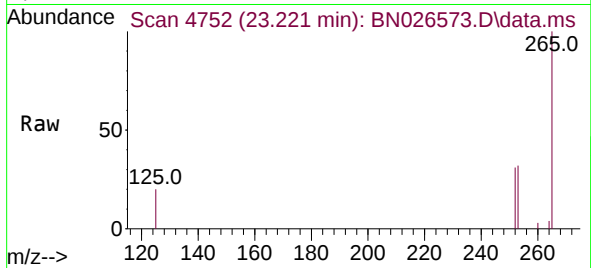
229 34.2 16.4 24.6#



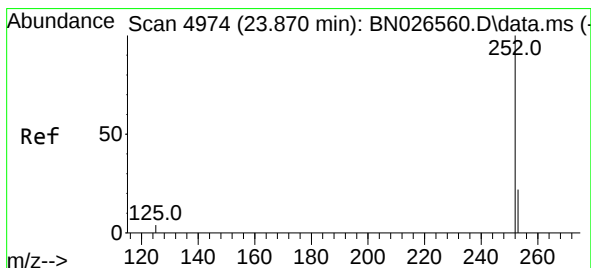
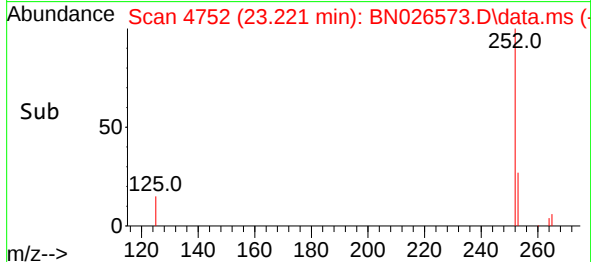
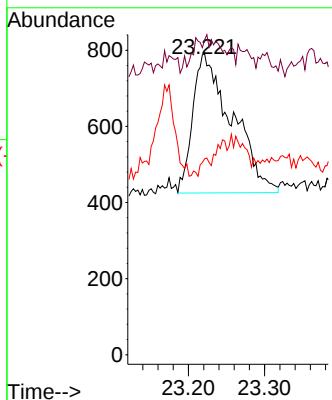


#24
Benzo(b)fluoranthene
Concen: 0.033 ng/u1
RT: 23.221 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026573.D
Acq: 18 Jul 2023 20:29

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:252 Resp: 1312
Ion Ratio Lower Upper
252 100
253 104.6 0.0 68.6#
125 65.1 0.0 34.0#



#26
Benzo(a)pyrene
Concen: 0.083 ng/u1
RT: 23.791 min Scan# 4947
Delta R.T. -0.079 min
Lab File: BN026573.D
Acq: 18 Jul 2023 20:29

Tgt Ion:252 Resp: 2925
Ion Ratio Lower Upper
252 100
253 73.8 32.6 49.0#
125 62.5 19.3 28.9#

