

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026551.D
 Acq On : 17 Jul 2023 23:58
 Operator : MA/JU
 Sample : 03458-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M3

Quant Time: Jul 18 04:23:31 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 : Mon Jul 17 17:14:21 2023
 Response via : Initial Calibration

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

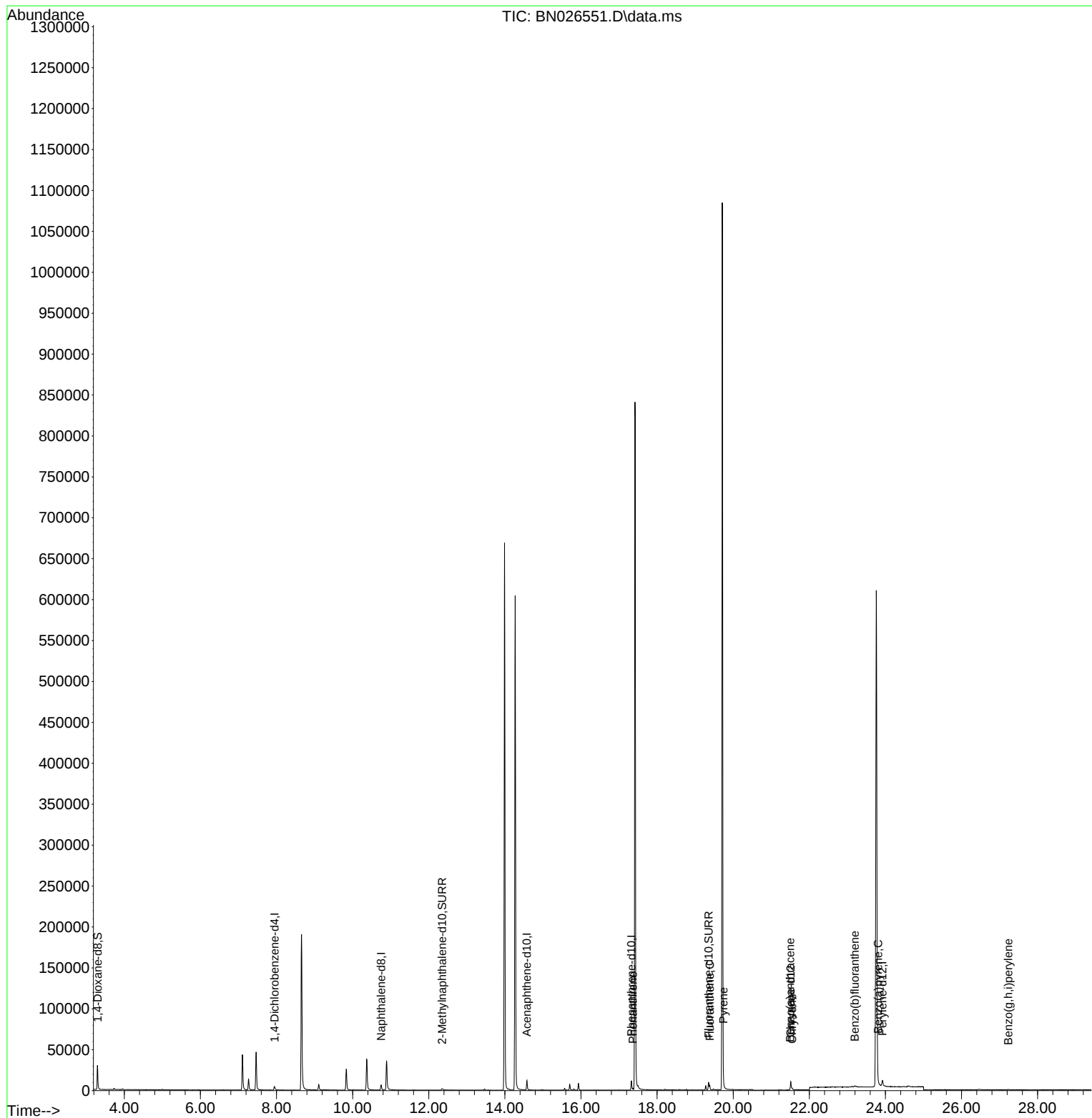
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	3079	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	9796	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.580	164	6611	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	15033	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.512	240	11311	0.400	ng/ul	# 0.00
23) Perylene-d12	23.924	264	11400	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	19557	4.823	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	3759	0.282	ng/ul	0.00
18) Fluoranthene-d10	19.355	212	11768	0.300	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.364	178	2339	0.049	ng/ul	94
19) Fluoranthene	19.383	202	5275	0.099	ng/ul	98
20) Pyrene	19.741	202	5101	0.089	ng/ul#	87
21) Benzo(a)anthracene	21.498	228	2161	0.052	ng/ul#	87
22) Chrysene	21.547	228	1964	0.042	ng/ul#	87
24) Benzo(b)fluoranthene	23.193	252	3052	0.069	ng/ul#	26
26) Benzo(a)pyrene	23.807	252	1497	0.038	ng/ul#	52
29) Benzo(g,h,i)perylene	27.229	276	983	0.021	ng/ul#	58

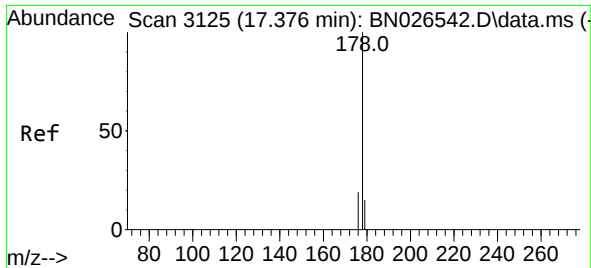
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration

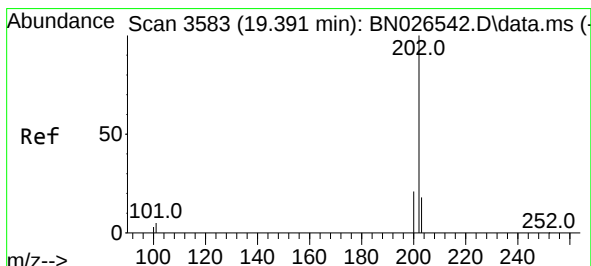
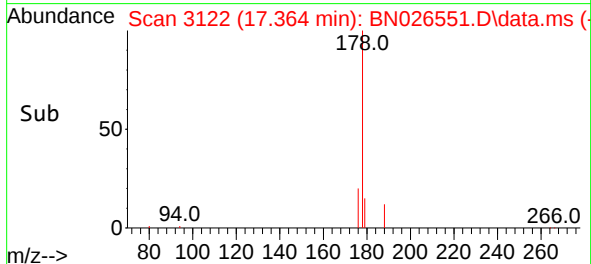
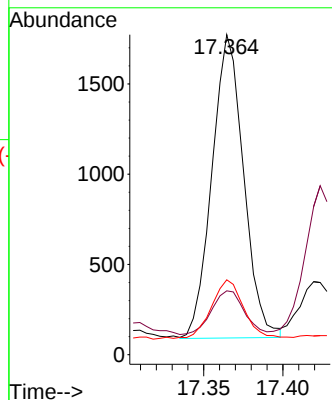
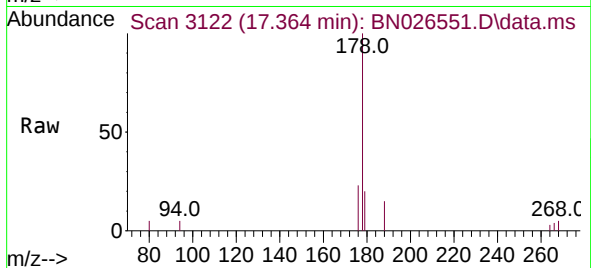




#15
Phenanthrene
Concen: 0.049 ng/ul
RT: 17.364 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BN026551.D
Acq: 17 Jul 2023 23:58

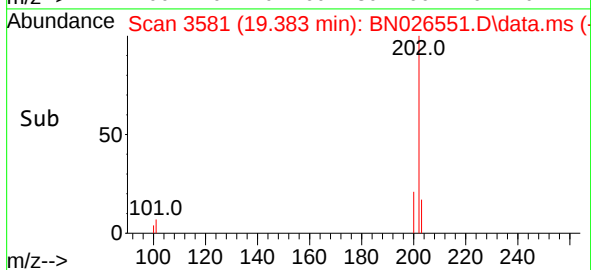
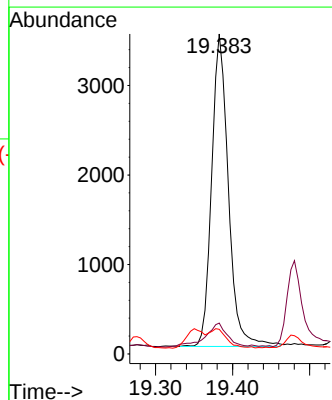
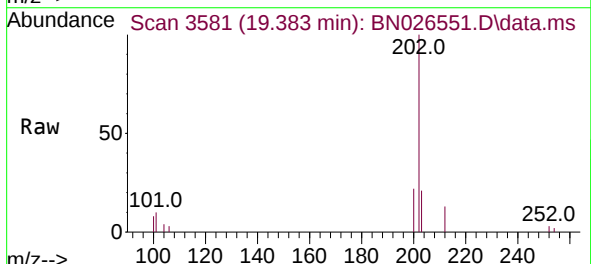
Instrument :
BNA_N
ClientSampleId :
A46M3

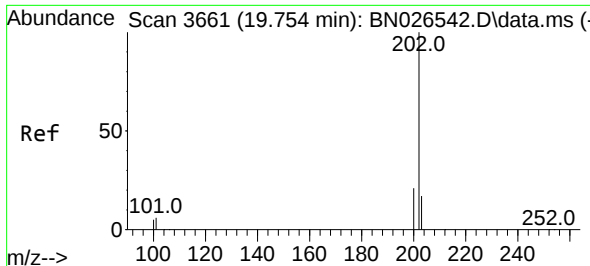
Tgt Ion:	178	Resp:	2339
Ion	Ratio	Lower	Upper
178	100		
179	20.0	13.7	20.5
176	23.4	16.5	24.7



#19
Fluoranthene
Concen: 0.099 ng/ul
RT: 19.383 min Scan# 3581
Delta R.T. -0.004 min
Lab File: BN026551.D
Acq: 17 Jul 2023 23:58

Tgt Ion:	202	Resp:	5275
Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.0	10.4
100	7.7	6.0	9.0

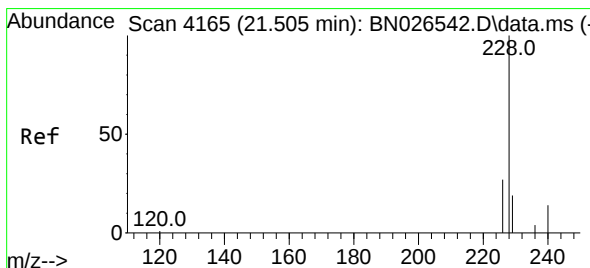
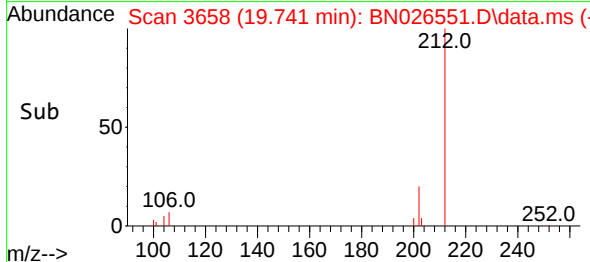
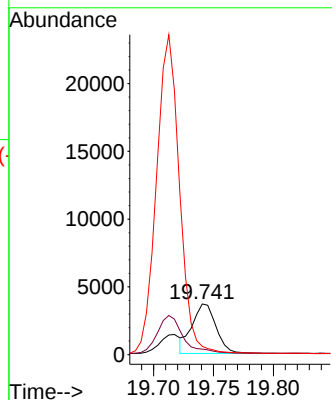
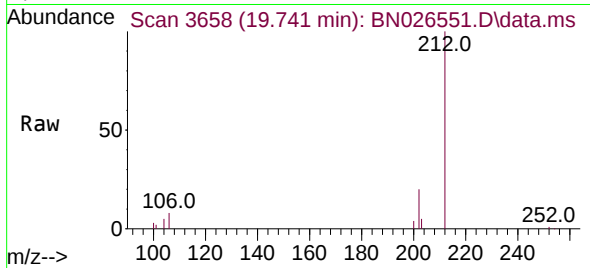




#20
 Pyrene
 Concen: 0.089 ng/ul
 RT: 19.741 min Scan# 3658
 Delta R.T. -0.009 min
 Lab File: BN026551.D
 Acq: 17 Jul 2023 23:58

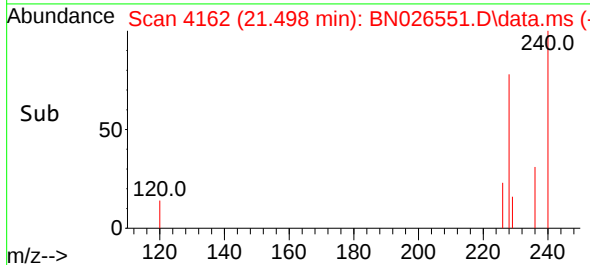
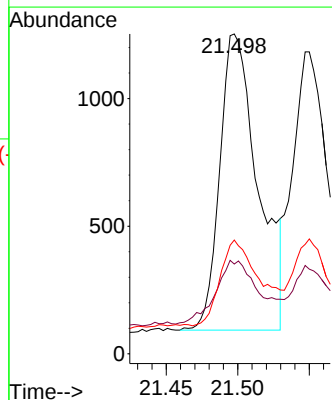
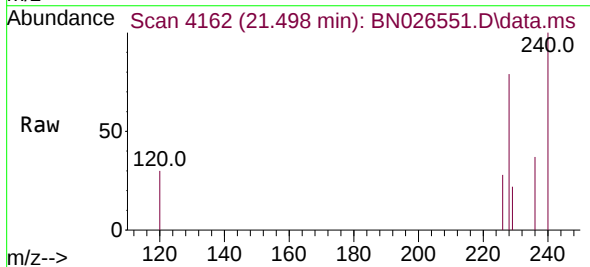
Instrument :
 BNA_N
 ClientSampleId :
 A46M3

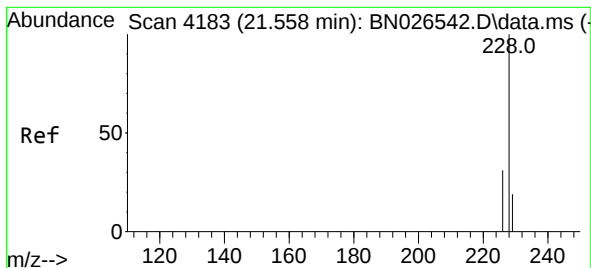
Tgt Ion:202 Resp: 5101
 Ion Ratio Lower Upper
 202 100
 101 11.1 8.0 12.0
 100 16.4 6.2 9.2#



#21
 Benzo(a)anthracene
 Concen: 0.052 ng/ul
 RT: 21.498 min Scan# 4162
 Delta R.T. -0.005 min
 Lab File: BN026551.D
 Acq: 17 Jul 2023 23:58

Tgt Ion:228 Resp: 2161
 Ion Ratio Lower Upper
 228 100
 229 28.1 16.7 25.1#
 226 35.6 23.5 35.3#





#22

Chrysene

Concen: 0.042 ng/ul

RT: 21.547 min Scan# 4183

Delta R.T. -0.011 min

Lab File: BN026551.D

Acq: 17 Jul 2023 23:58

Instrument :

BNA_N

ClientSampleId :

A46M3

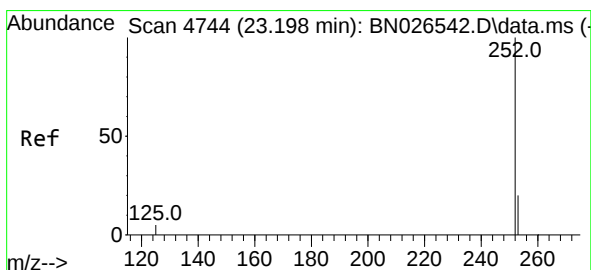
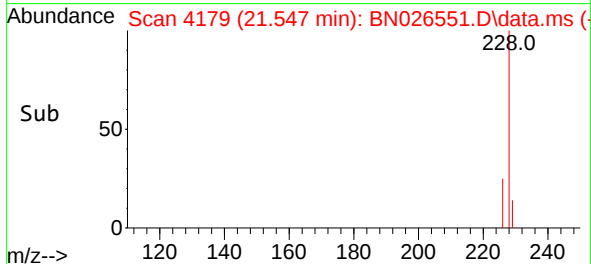
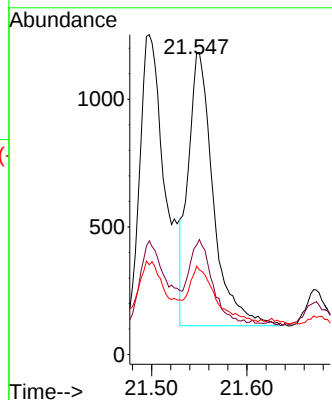
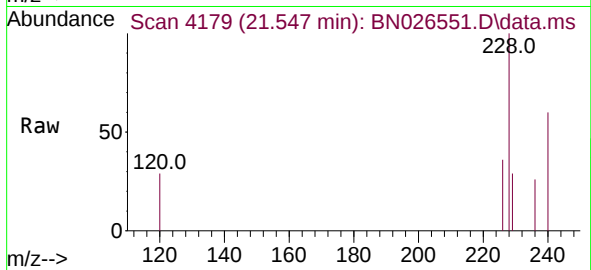
Tgt Ion:228 Resp: 1964

Ion Ratio Lower Upper

228 100

226 36.3 25.2 37.8

229 29.2 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.069 ng/ul

RT: 23.193 min Scan# 4742

Delta R.T. -0.002 min

Lab File: BN026551.D

Acq: 17 Jul 2023 23:58

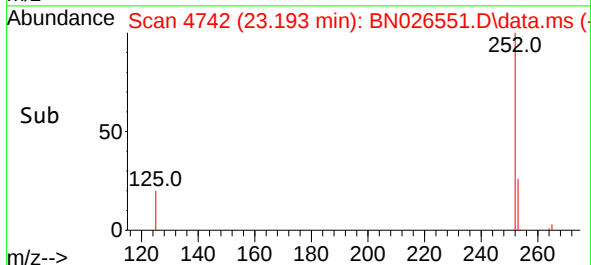
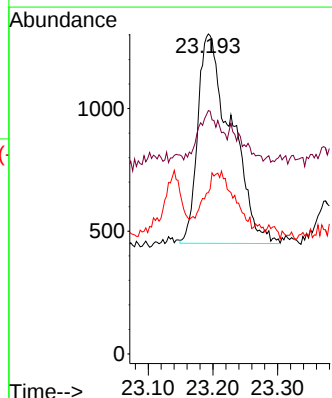
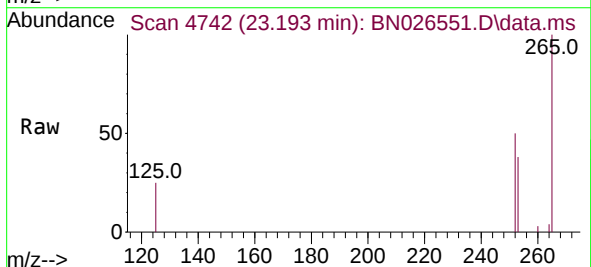
Tgt Ion:252 Resp: 3052

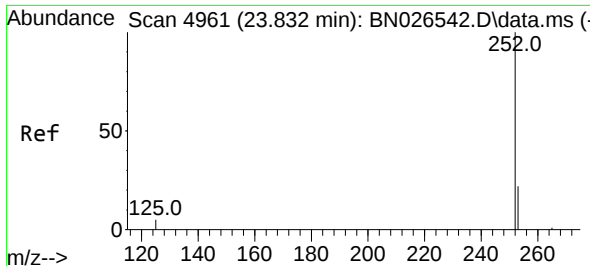
Ion Ratio Lower Upper

252 100

253 76.1 0.0 68.6#

125 50.5 0.0 34.0#

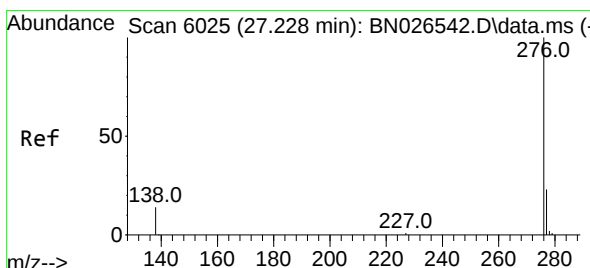
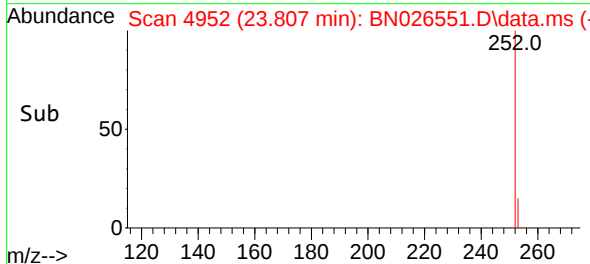
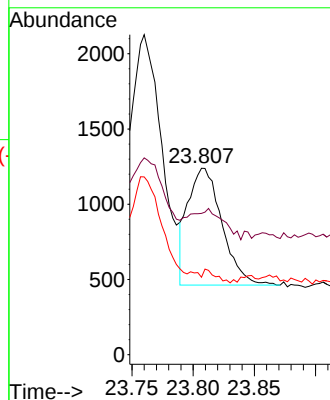
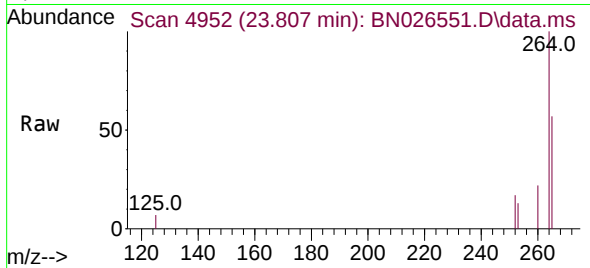




#26
Benzo(a)pyrene
Concen: 0.038 ng/ul
RT: 23.807 min Scan# 4961
Delta R.T. -0.020 min
Lab File: BN026551.D
Acq: 17 Jul 2023 23:58

Instrument :
BNA_N
ClientSampleId :
A46M3

Tgt Ion:252 Resp: 1497
Ion Ratio Lower Upper
252 100
253 75.8 32.6 49.0#
125 41.6 19.3 28.9#



#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 27.229 min Scan# 6025
Delta R.T. 0.004 min
Lab File: BN026551.D
Acq: 17 Jul 2023 23:58

Tgt Ion:276 Resp: 983
Ion Ratio Lower Upper
276 100
138 46.1 22.6 34.0#
277 53.9 21.8 32.8#

