

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026569.D
 Acq On : 18 Jul 2023 18:00
 Operator : MA/JU
 Sample : 03458-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 19 00:18:04 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)

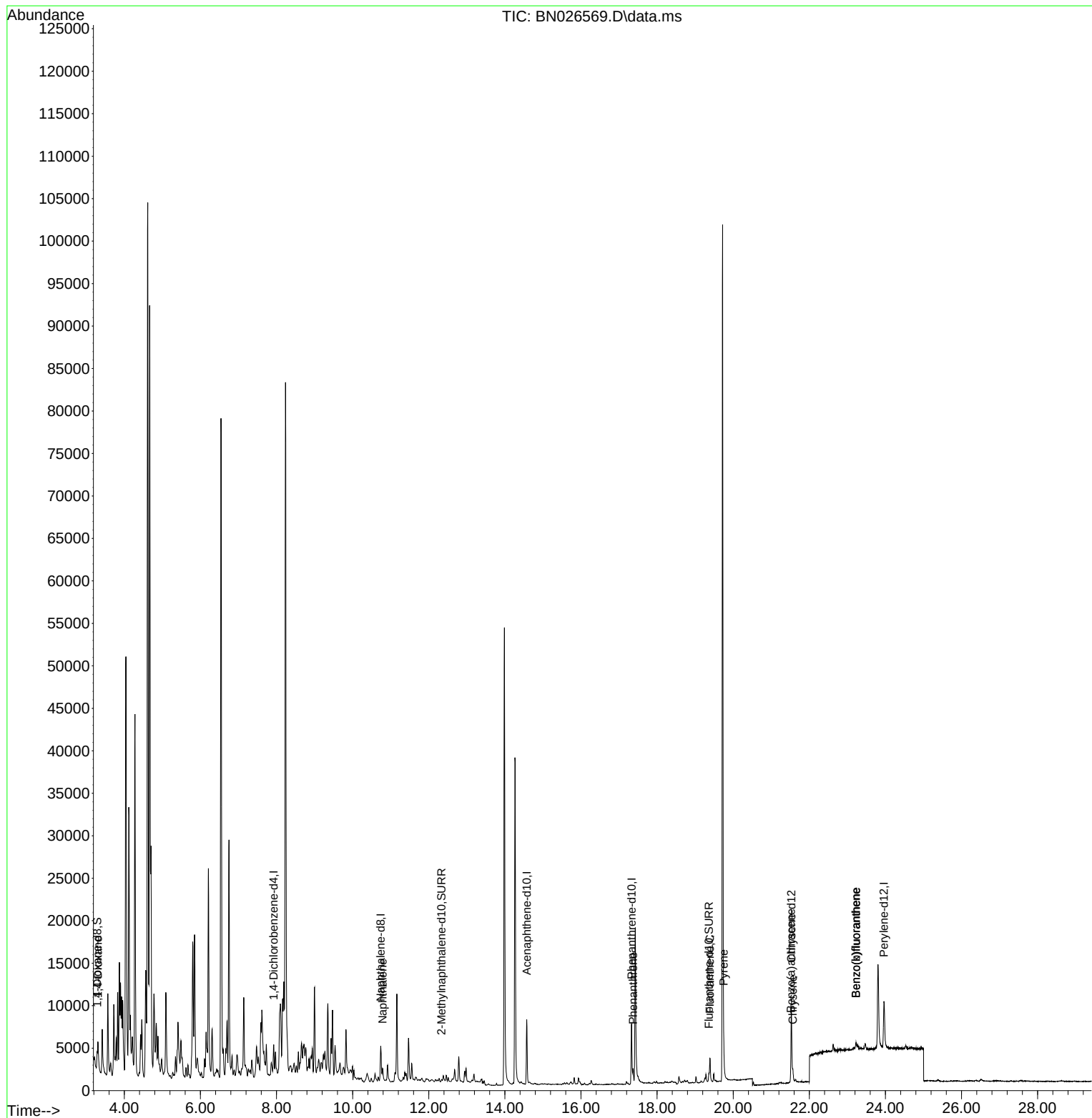
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	2310	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.737	136	7159	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.575	164	4543	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	10380	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.529	240	10082	0.400	ng/ul	# 0.00
23) Perylene-d12	23.961	264	8044	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	1451	0.477	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	423	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.359	212	1343	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	562	0.195	ng/ul#	1
5) Naphthalene	10.787	128	2326	0.118	ng/ul#	90
15) Phenanthrene	17.372	178	1902	0.058	ng/ul#	88
19) Fluoranthene	19.391	202	2922	0.062	ng/ul#	92
20) Pyrene	19.749	202	2740	0.053	ng/ul#	88
21) Benzo(a)anthracene	21.514	228	1075	0.029	ng/ul#	72
22) Chrysene	21.567	228	1087	0.026	ng/ul#	78
24) Benzo(b)fluoranthene	23.227	252	1988	0.063	ng/ul#	1
25) Benzo(k)fluoranthene	23.227	252	1514	0.046	ng/ul#	1

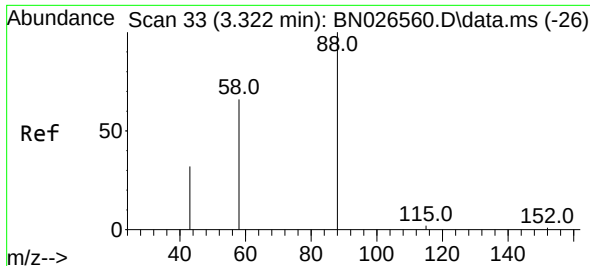
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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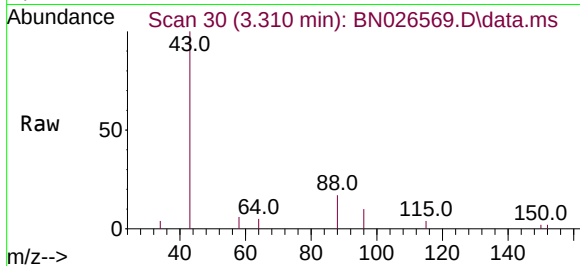
Quant Time: Jul 19 00:18:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration





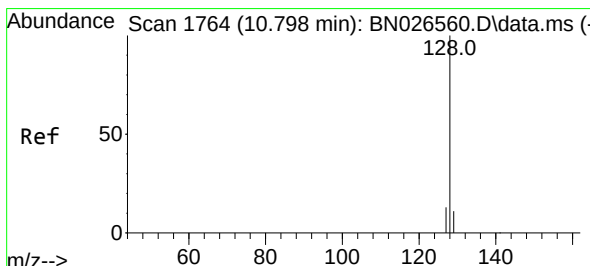
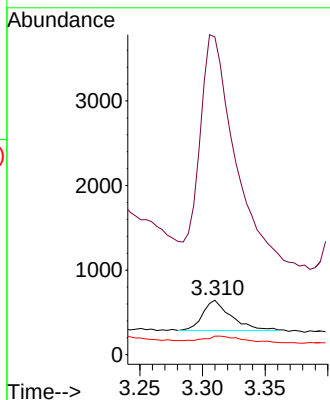
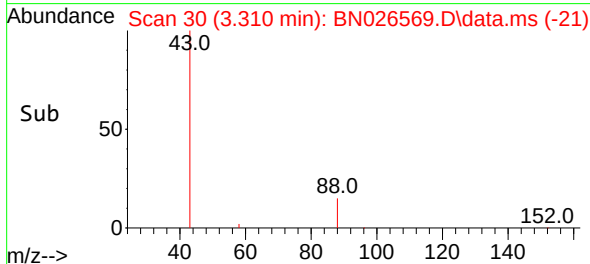
#2
1,4-Dioxane
Concen: 0.195 ng/ul
RT: 3.310 min Scan# 30
Delta R.T. -0.013 min
Lab File: BN026569.D
Acq: 18 Jul 2023 18:00

Instrument :
BNA_N
ClientSampleId :



Tgt Ion: 88 Resp: 562

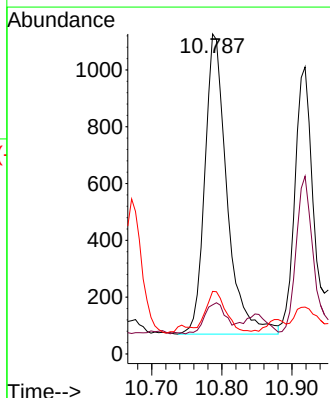
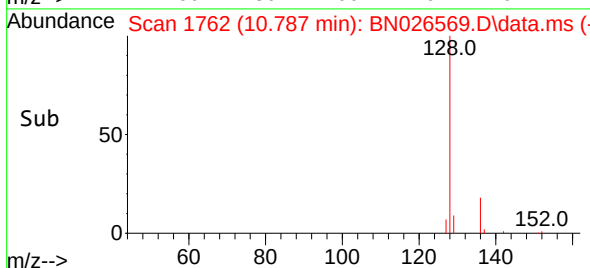
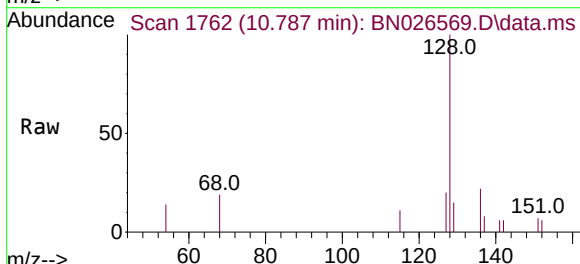
Ion	Ratio	Lower	Upper
88	100		
43	584.1	33.0	49.6#
58	34.1	41.7	62.5#

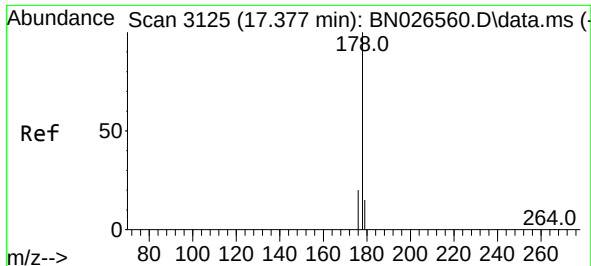


#5
Naphthalene
Concen: 0.118 ng/ul
RT: 10.787 min Scan# 1762
Delta R.T. -0.011 min
Lab File: BN026569.D
Acq: 18 Jul 2023 18:00

Tgt Ion: 128 Resp: 2326

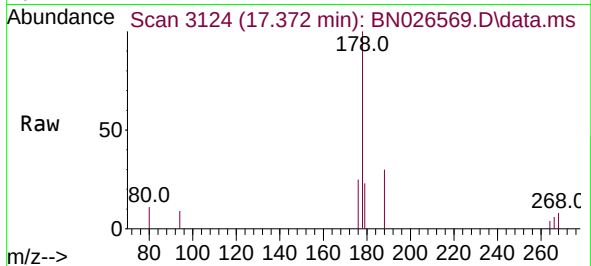
Ion	Ratio	Lower	Upper
128	100		
129	15.4	10.2	15.2#
127	19.5	11.4	17.0#



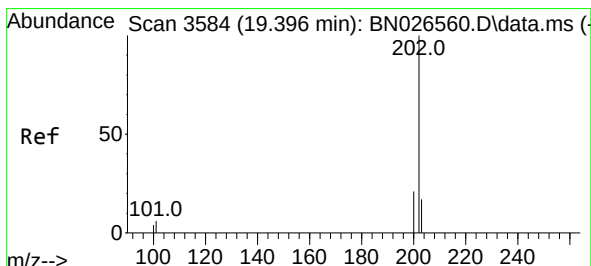
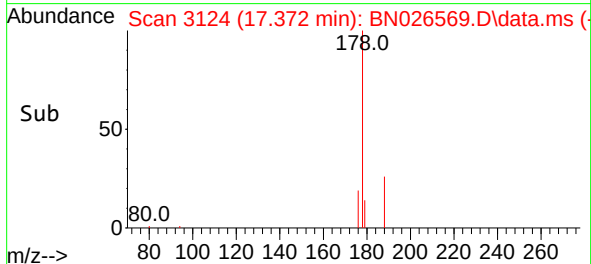
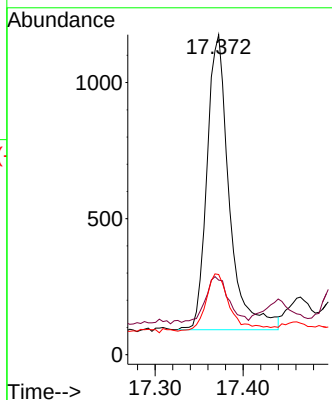


#15
Phenanthrene
Concen: 0.058 ng/ul
RT: 17.372 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BN026569.D
Acq: 18 Jul 2023 18:00

Instrument :
BNA_N
ClientSampleId :

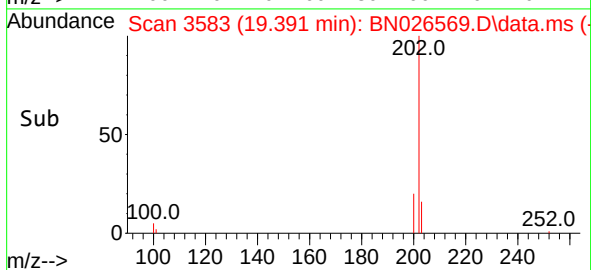
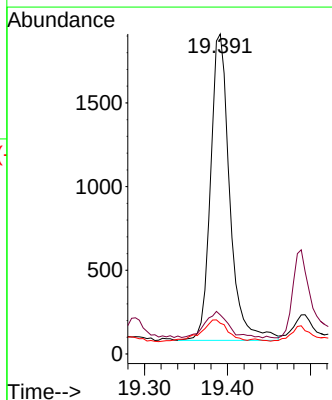
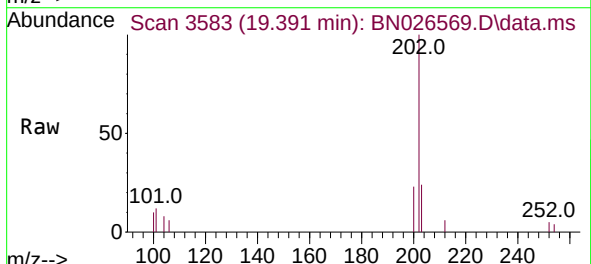


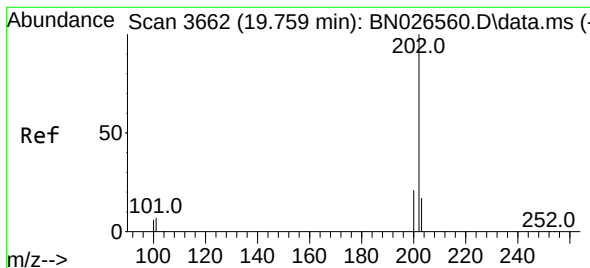
Tgt Ion:178 Resp: 1902
Ion Ratio Lower Upper
178 100
179 23.3 13.7 20.5#
176 25.1 16.5 24.7#



#19
Fluoranthene
Concen: 0.062 ng/ul
RT: 19.391 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN026569.D
Acq: 18 Jul 2023 18:00

Tgt Ion:202 Resp: 2922
Ion Ratio Lower Upper
202 100
101 12.2 7.0 10.4#
100 9.6 6.0 9.0#





#20

Pyrene

Concen: 0.053 ng/ul

RT: 19.749 min Scan# 3660

Delta R.T. -0.009 min

Lab File: BN026569.D

Acq: 18 Jul 2023 18:00

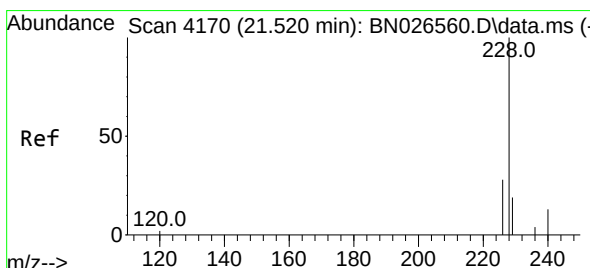
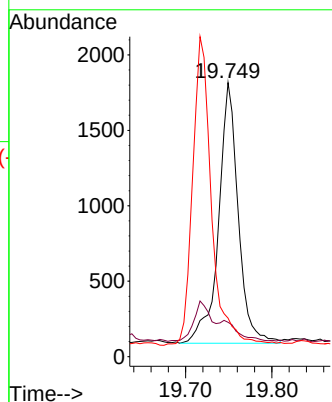
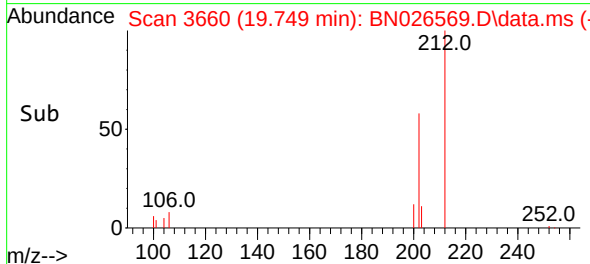
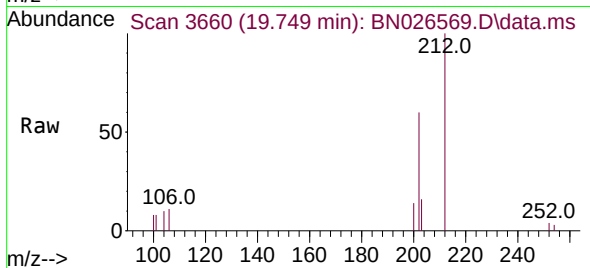
Instrument :

BNA_N

ClientSampleId :

Tgt Ion:202 Resp: 2740

Ion	Ratio	Lower	Upper
202	100		
101	12.5	8.0	12.0#
100	14.0	6.2	9.2#



#21

Benzo(a)anthracene

Concen: 0.029 ng/ul

RT: 21.514 min Scan# 4168

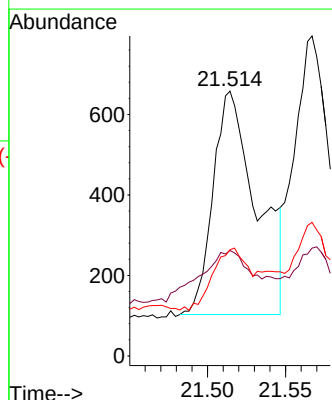
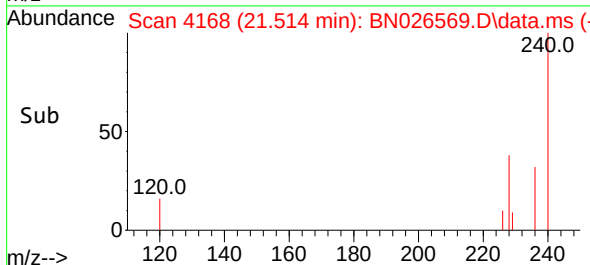
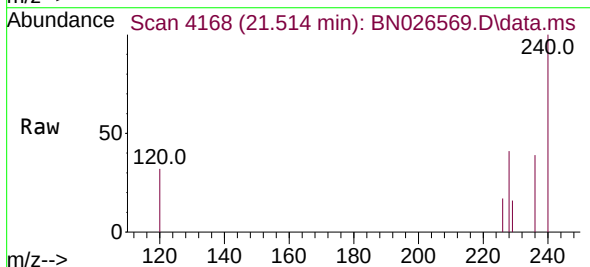
Delta R.T. -0.006 min

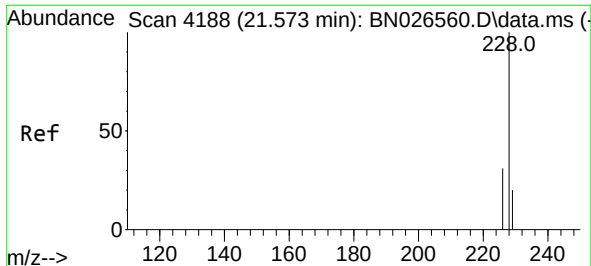
Lab File: BN026569.D

Acq: 18 Jul 2023 18:00

Tgt Ion:228 Resp: 1075

Ion	Ratio	Lower	Upper
228	100		
229	39.8	16.7	25.1#
226	40.1	23.5	35.3#





#22

Chrysene

Concen: 0.026 ng/ul

RT: 21.567 min Scan# 4188

Delta R.T. -0.006 min

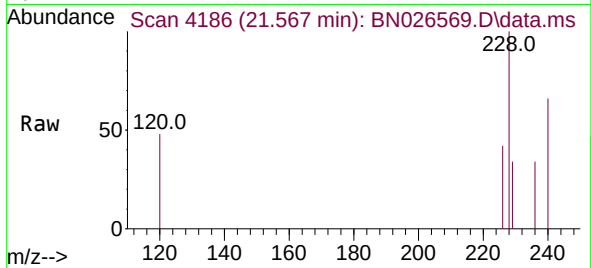
Lab File: BN026569.D

Acq: 18 Jul 2023 18:00

Instrument :

BNA_N

ClientSampleId :



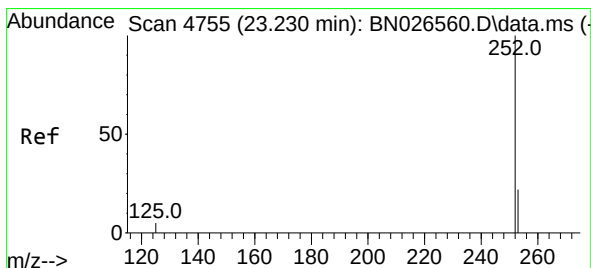
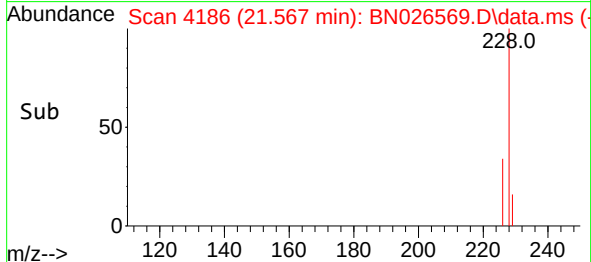
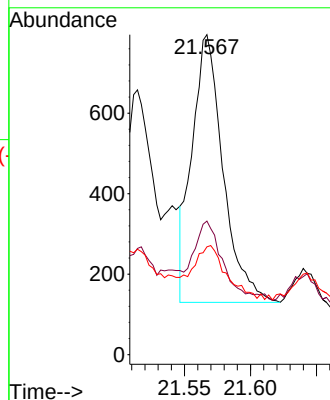
Tgt Ion:228 Resp: 1087

Ion Ratio Lower Upper

228 100

226 41.8 25.2 37.8#

229 33.7 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.063 ng/ul

RT: 23.227 min Scan# 4754

Delta R.T. -0.003 min

Lab File: BN026569.D

Acq: 18 Jul 2023 18:00

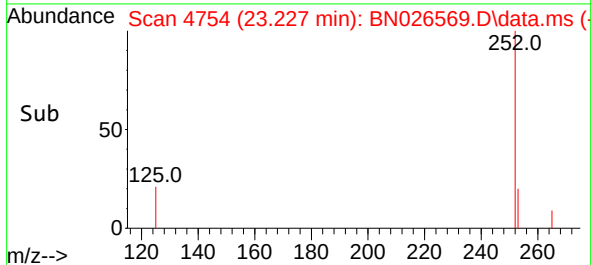
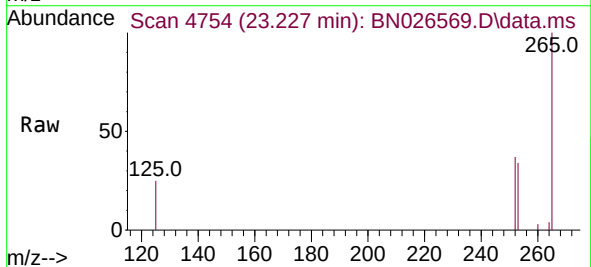
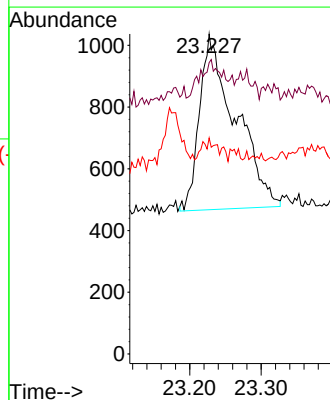
Tgt Ion:252 Resp: 1988

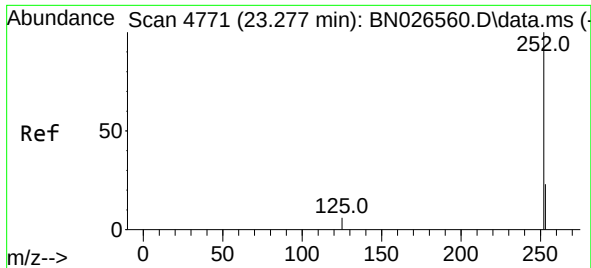
Ion Ratio Lower Upper

252 100

253 91.0 0.0 68.6#

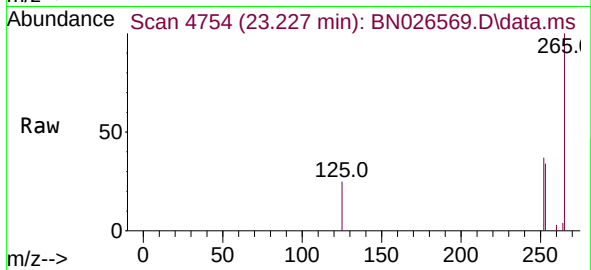
125 67.5 0.0 34.0#





#25
 Benzo(k)fluoranthene
 Concen: 0.046 ng/ul
 RT: 23.227 min Scan# 41
 Delta R.T. -0.050 min
 Lab File: BN026569.D
 Acq: 18 Jul 2023 18:00

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:252 Resp: 1514
 Ion Ratio Lower Upper
 252 100
 253 91.0 27.2 40.8#
 125 67.5 13.4 20.2#

