

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026217.D
 Acq On : 03 Jul 2023 09:25
 Operator : MA/JU
 Sample : 03244-20
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGF9

Quant Time: Jul 03 23:20:11 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 01 01:46:24 2023
 Response via : Initial Calibration

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

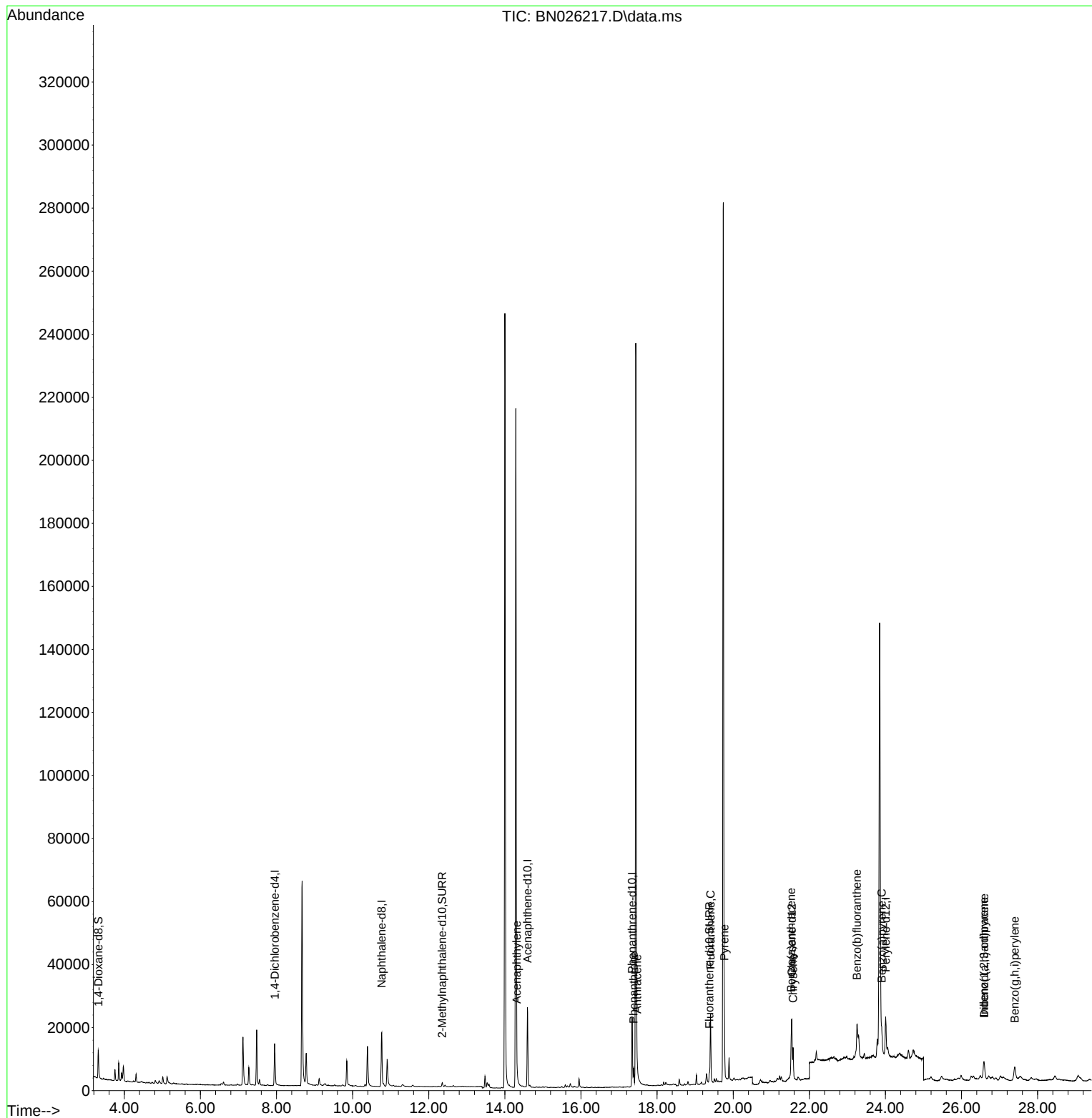
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8059	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	25580	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.593	164	14427	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	27437	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	15063	0.400	ng/ul	# 0.00
23) Perylene-d12	24.008	264	15709	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	6328	0.697	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	1949	0.050	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	3323	0.058	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.316	152	1987	0.029	ng/ul#	83
15) Phenanthrene	17.385	178	6660	0.073	ng/ul#	93
16) Anthracene	17.478	178	2106	0.026	ng/ul#	75
19) Fluoranthene	19.405	202	19890	0.247	ng/ul	97
20) Pyrene	19.768	202	17121	0.205	ng/ul	99
21) Benzo(a)anthracene	21.523	228	9074	0.146	ng/ul#	81
22) Chrysene	21.576	228	11391	0.176	ng/ul#	85
24) Benzo(b)fluoranthene	23.253	252	26214	0.391	ng/ul	76
26) Benzo(a)pyrene	23.902	252	11436	0.196	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.591	276	9912	0.156	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.594	278	2386	0.050	ng/ul#	1
29) Benzo(g,h,i)perylene	27.399	276	10559	0.187	ng/ul#	85

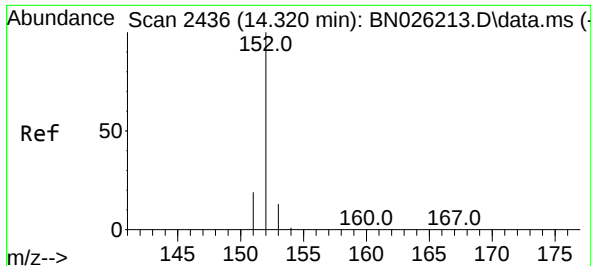
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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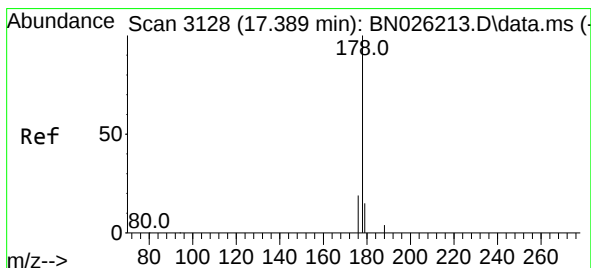
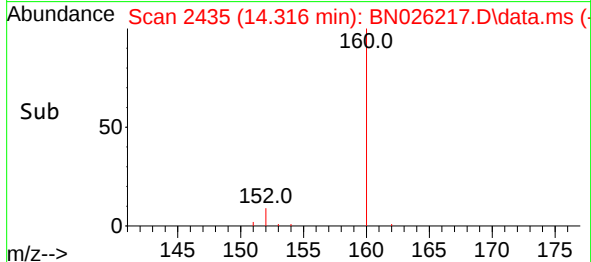
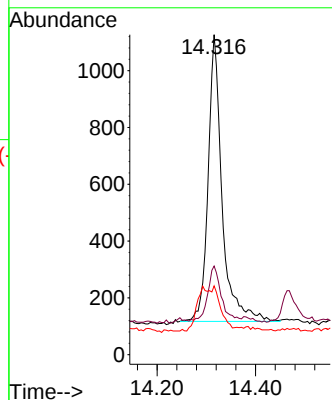
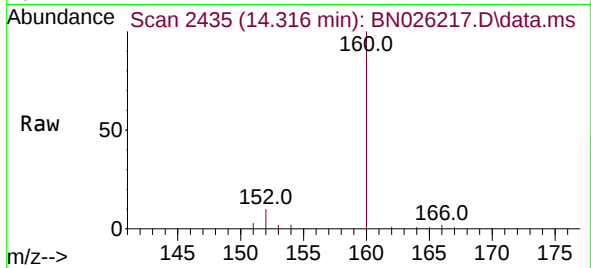




#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.316 min Scan# 2436
Delta R.T. -0.010 min
Lab File: BN026217.D
Acq: 03 Jul 2023 09:25

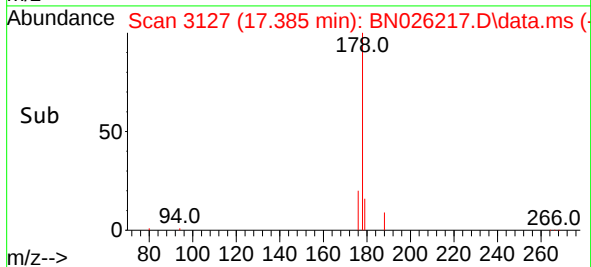
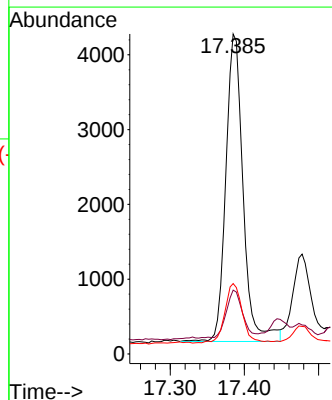
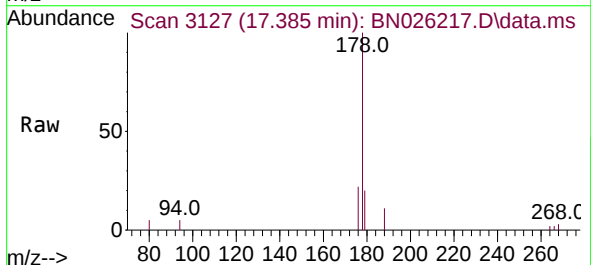
Instrument :
BNA_N
ClientSampleId :
DCGF9

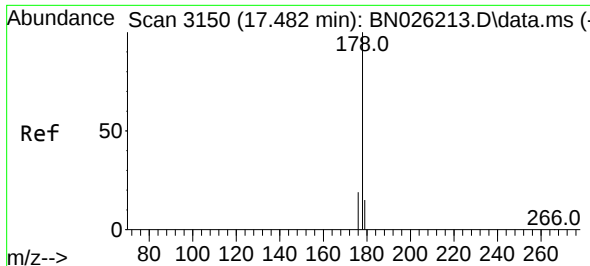
Tgt Ion:152 Resp: 1987
Ion Ratio Lower Upper
152 100
151 27.7 16.2 24.4#
153 21.5 10.9 16.3#



#15
Phenanthrene
Concen: 0.073 ng/ul
RT: 17.385 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026217.D
Acq: 03 Jul 2023 09:25

Tgt Ion:178 Resp: 6660
Ion Ratio Lower Upper
178 100
179 20.0 12.6 19.0#
176 22.0 15.8 23.6

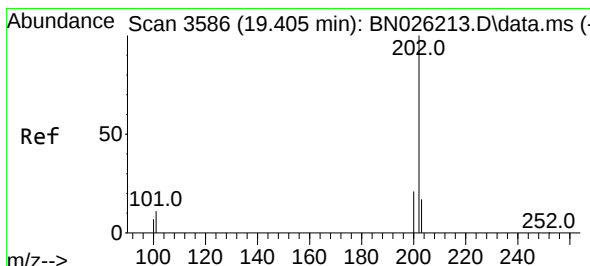
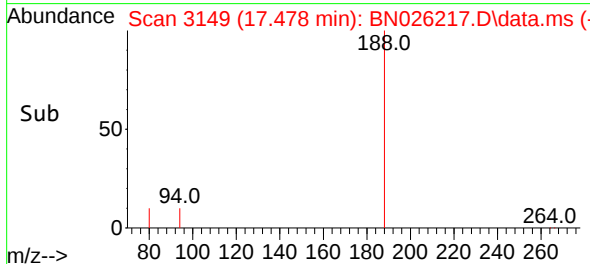
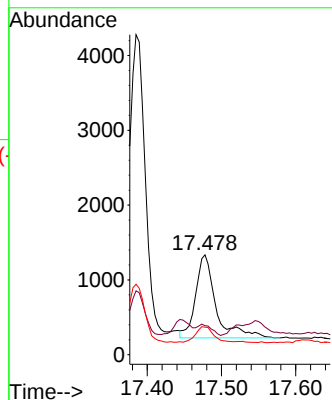
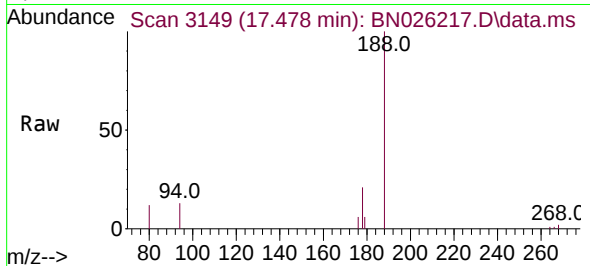




#16
 Anthracene
 Concen: 0.026 ng/ul
 RT: 17.478 min Scan# 3150
 Delta R.T. -0.009 min
 Lab File: BN026217.D
 Acq: 03 Jul 2023 09:25

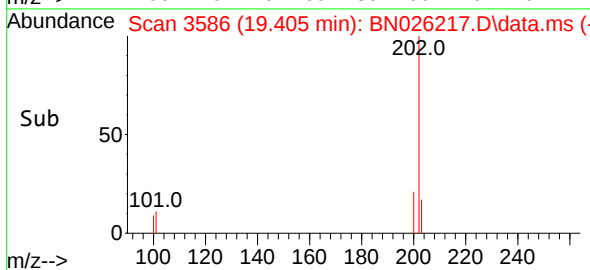
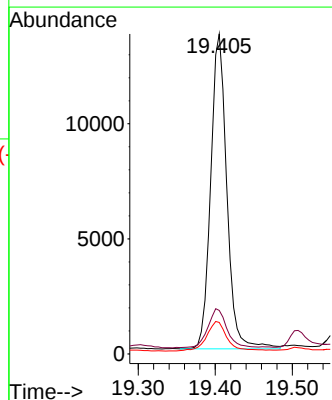
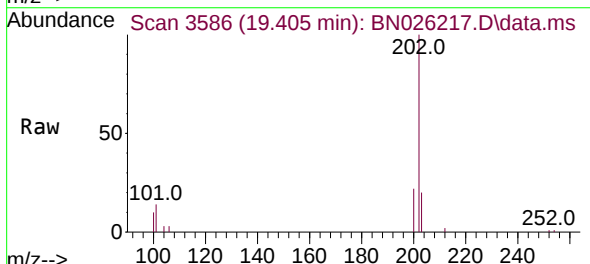
Instrument :
 BNA_N
 ClientSampleId :
 DCGF9

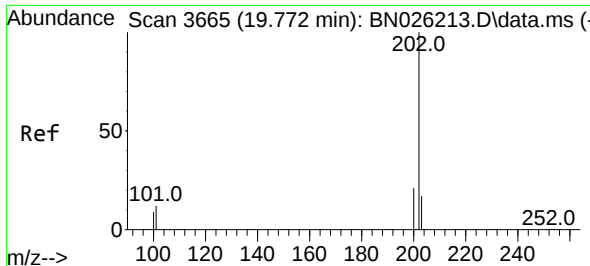
Tgt Ion:178 Resp: 2106
 Ion Ratio Lower Upper
 178 100
 179 29.0 12.6 18.8#
 176 27.6 15.1 22.7#



#19
 Fluoranthene
 Concen: 0.247 ng/ul
 RT: 19.405 min Scan# 3586
 Delta R.T. -0.005 min
 Lab File: BN026217.D
 Acq: 03 Jul 2023 09:25

Tgt Ion:202 Resp: 19890
 Ion Ratio Lower Upper
 202 100
 101 13.6 9.5 14.3
 100 9.8 7.3 10.9

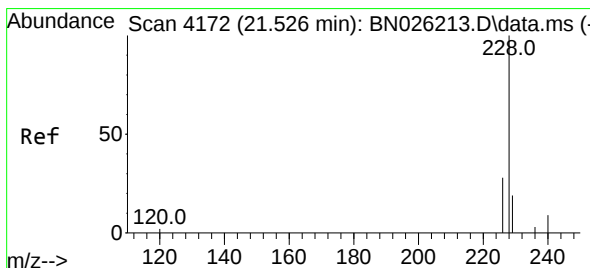
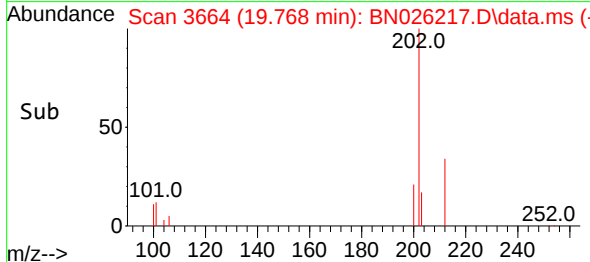
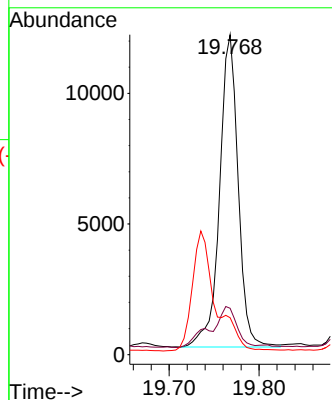
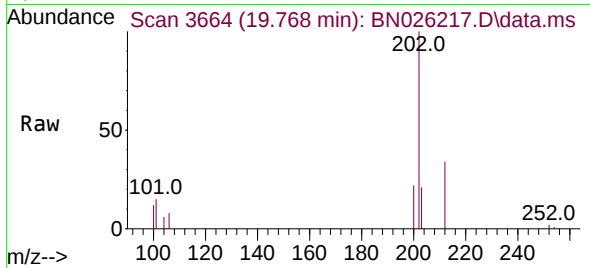




#20
 Pyrene
 Concen: 0.205 ng/ul
 RT: 19.768 min Scan# 3664
 Delta R.T. -0.005 min
 Lab File: BN026217.D
 Acq: 03 Jul 2023 09:25

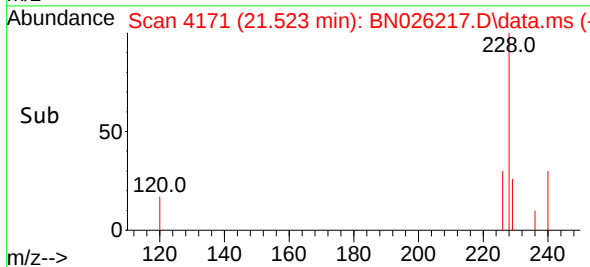
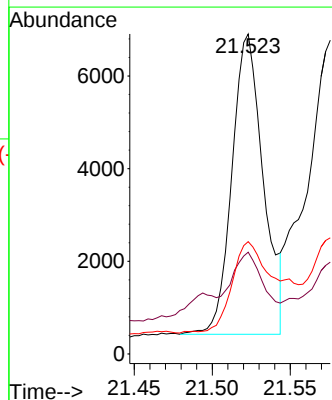
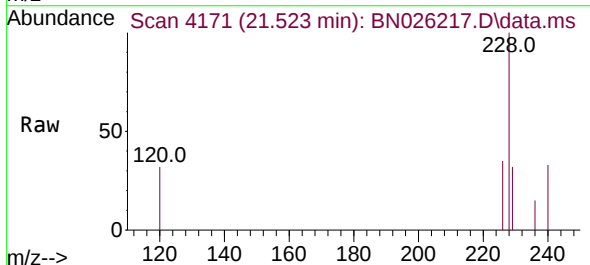
Instrument :
 BNA_N
 ClientSampleId :
 DCGF9

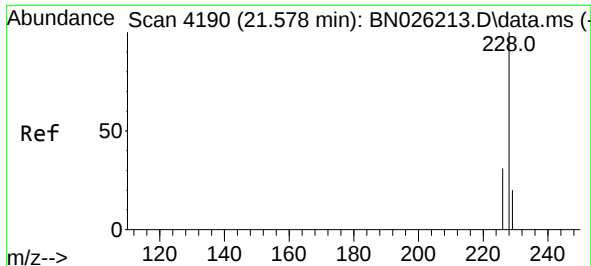
Tgt Ion:202 Resp: 17121
 Ion Ratio Lower Upper
 202 100
 101 14.5 11.4 17.0
 100 11.6 9.1 13.7



#21
 Benzo(a)anthracene
 Concen: 0.146 ng/ul
 RT: 21.523 min Scan# 4171
 Delta R.T. -0.004 min
 Lab File: BN026217.D
 Acq: 03 Jul 2023 09:25

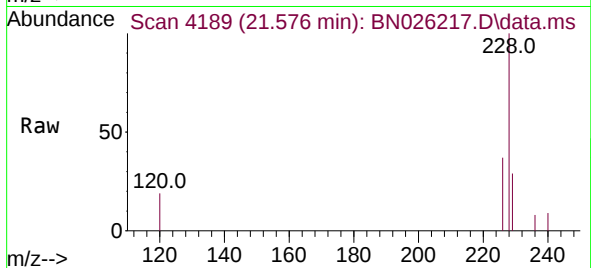
Tgt Ion:228 Resp: 9074
 Ion Ratio Lower Upper
 228 100
 229 31.8 15.8 23.6#
 226 35.1 22.5 33.7#



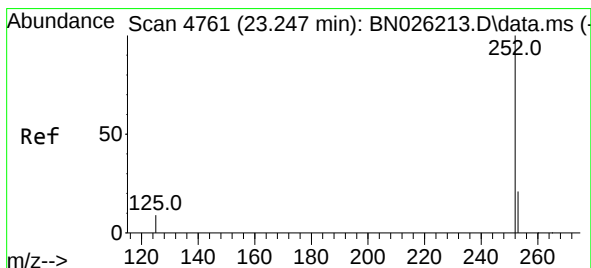
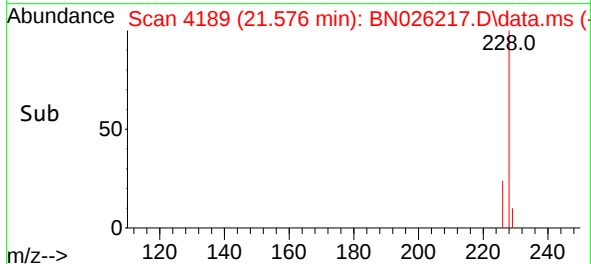
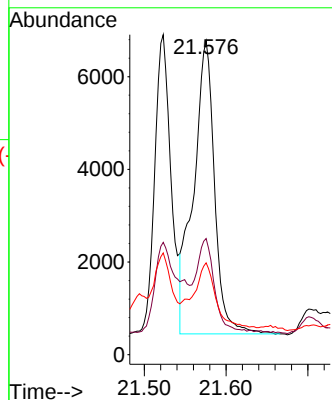


#22
Chrysene
Concen: 0.176 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026217.D
Acq: 03 Jul 2023 09:25

Instrument :
BNA_N
ClientSampleId :
DCGF9

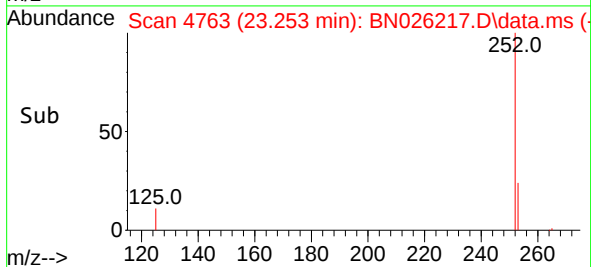
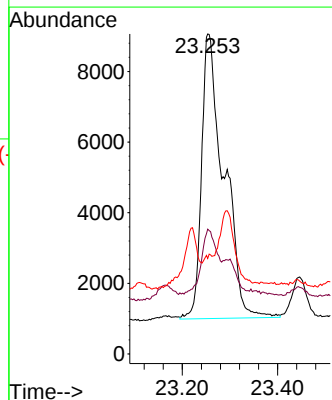
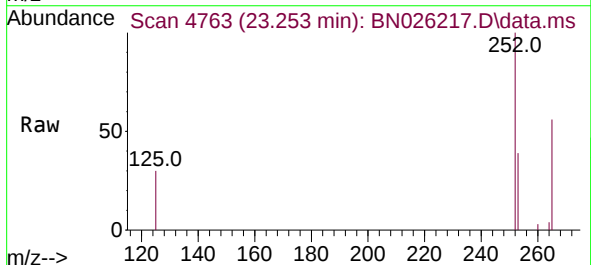


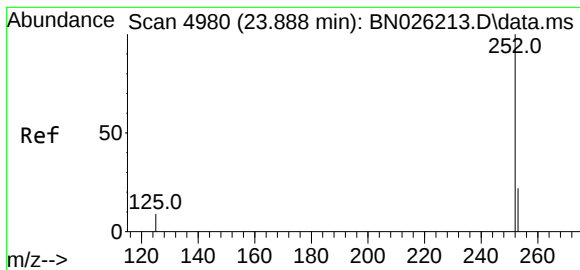
Tgt Ion:228 Resp: 11391
Ion Ratio Lower Upper
228 100
226 37.0 24.8 37.2
229 29.3 15.7 23.5#



#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 23.253 min Scan# 4763
Delta R.T. 0.011 min
Lab File: BN026217.D
Acq: 03 Jul 2023 09:25

Tgt Ion:252 Resp: 26214
Ion Ratio Lower Upper
252 100
253 39.0 0.0 55.6
125 29.9 0.0 35.8





#26

Benzo(a)pyrene

Concen: 0.196 ng/ul

RT: 23.902 min Scan# 4985

Delta R.T. 0.017 min

Lab File: BN026217.D

Acq: 03 Jul 2023 09:25

Instrument :

BNA_N

ClientSampleId :

DCGF9

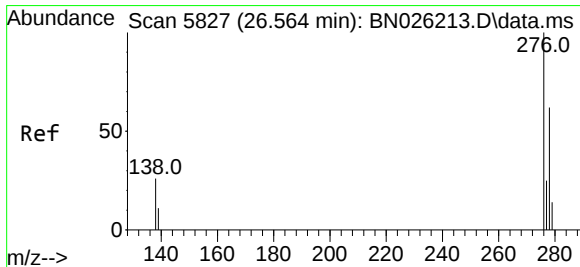
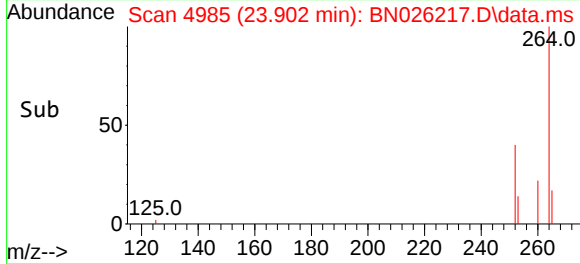
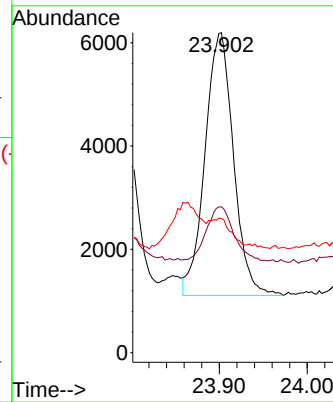
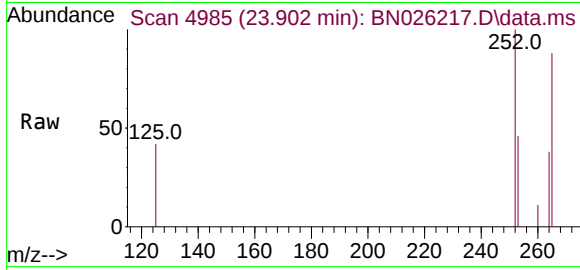
Tgt Ion:252 Resp: 11436

Ion Ratio Lower Upper

252 100

253 45.6 26.0 39.0#

125 41.9 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.156 ng/ul

RT: 26.591 min Scan# 5835

Delta R.T. 0.033 min

Lab File: BN026217.D

Acq: 03 Jul 2023 09:25

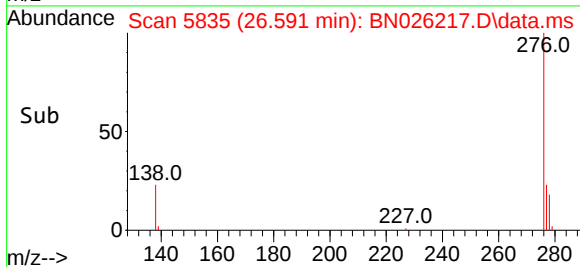
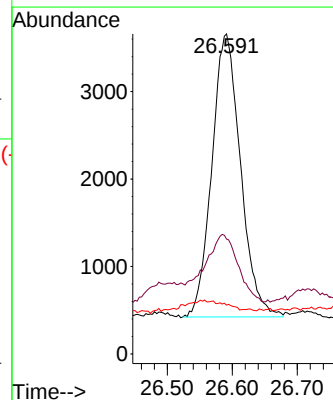
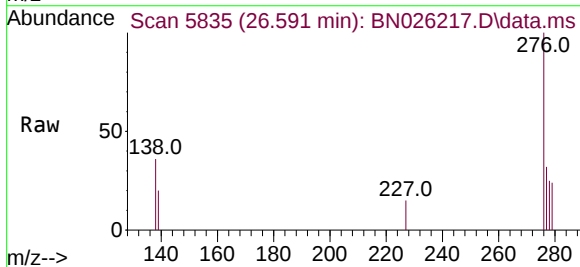
Tgt Ion:276 Resp: 9912

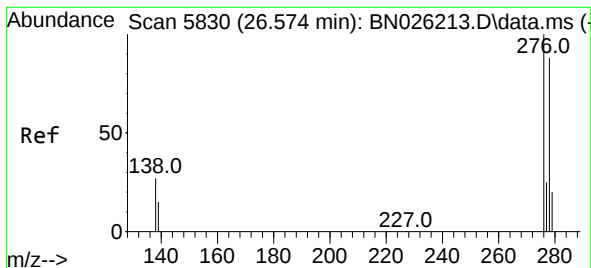
Ion Ratio Lower Upper

276 100

138 26.0 24.5 36.7

227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.050 ng/ul

RT: 26.594 min Scan# 5836

Delta R.T. 0.016 min

Lab File: BN026217.D

Acq: 03 Jul 2023 09:25

Instrument :

BNA_N

ClientSampleId :

DCGF9

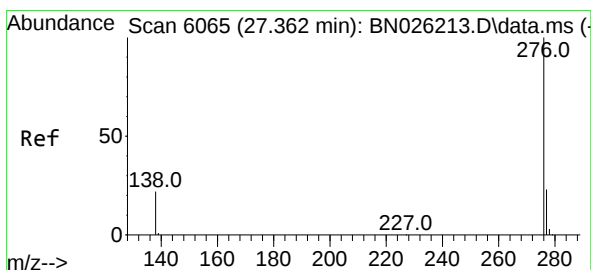
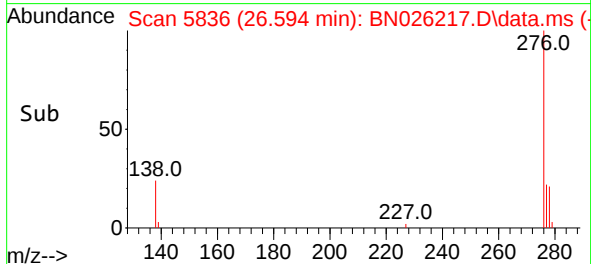
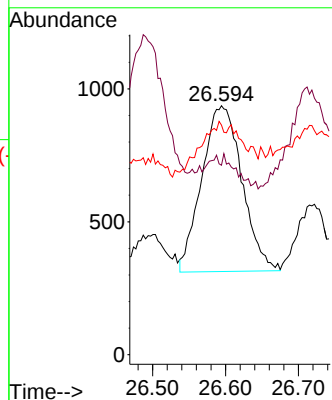
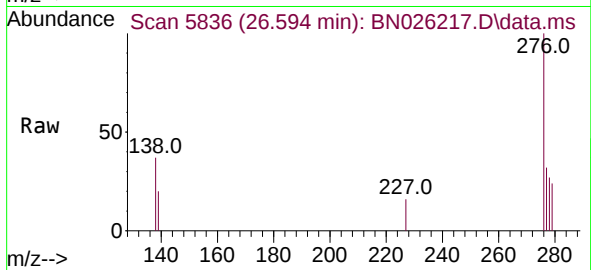
Tgt Ion:278 Resp: 2386

Ion Ratio Lower Upper

278 100

139 76.1 19.0 28.4#

279 92.2 26.7 40.1#



#29

Benzo(g,h,i)perylene

Concen: 0.187 ng/ul

RT: 27.399 min Scan# 6076

Delta R.T. 0.053 min

Lab File: BN026217.D

Acq: 03 Jul 2023 09:25

Tgt Ion:276 Resp: 10559

Ion Ratio Lower Upper

276 100

138 36.9 23.4 35.0#

277 33.0 20.0 30.0#

