

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026159.D
 Acq On : 01 Jul 2023 19:41
 Operator : MA/JU
 Sample : 03239-09DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY7DL

Quant Time: Jul 01 22:36:27 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)

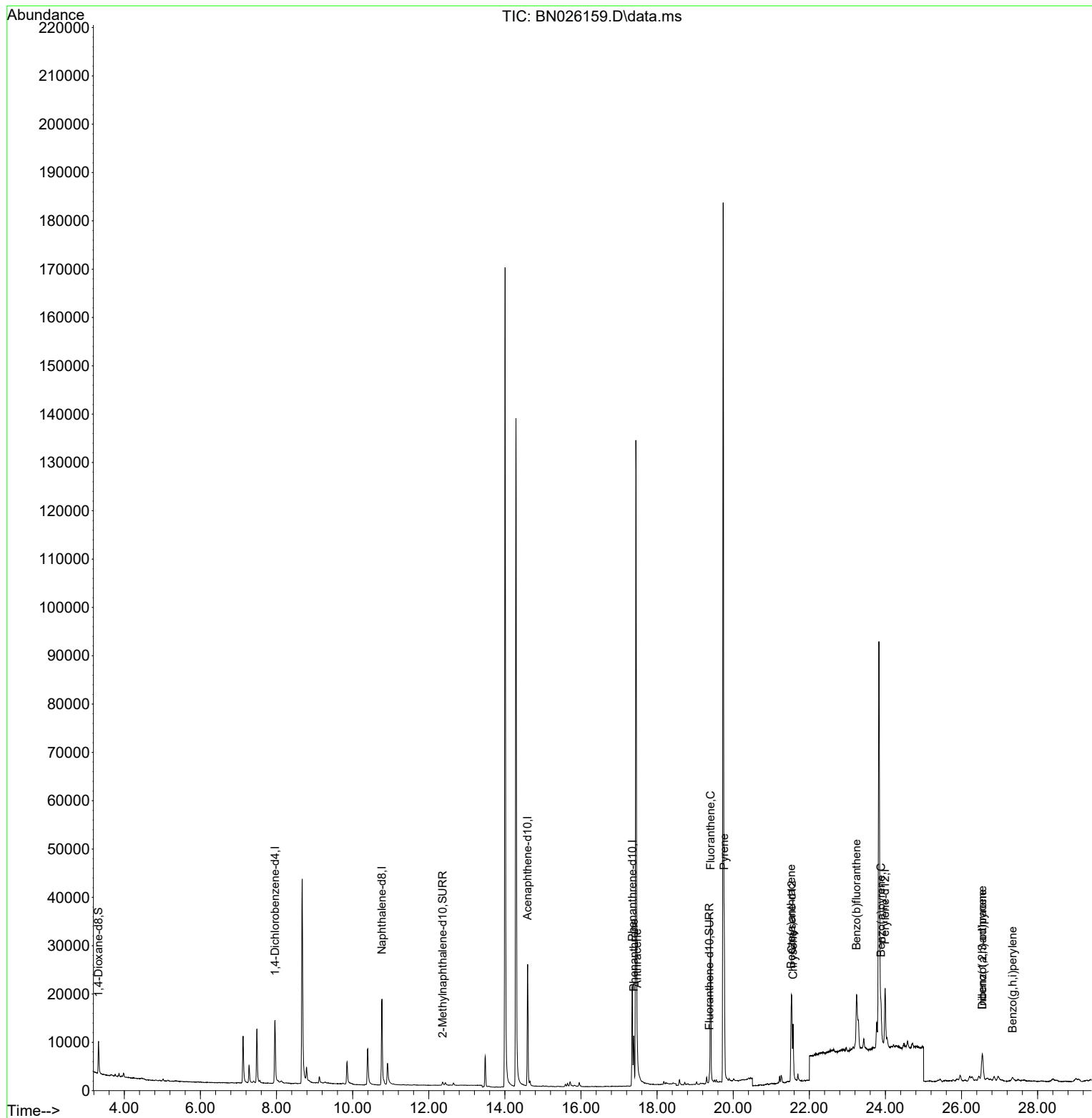
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	8434	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	27554	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	15093	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	26431	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	14956	0.400	ng/ul	0.00
23) Perylene-d12	23.990	264	16399	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	4754	0.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	1286	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	2040	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.389	178	11867	0.136	ng/ul	98
16) Anthracene	17.478	178	1748	0.023	ng/ul#	74
19) Fluoranthene	19.405	202	32533	0.407	ng/ul	98
20) Pyrene	19.763	202	25719	0.310	ng/ul	100
21) Benzo(a)anthracene	21.520	228	12954	0.210	ng/ul	94
22) Chrysene	21.576	228	12724	0.198	ng/ul#	95
24) Benzo(b)fluoranthene	23.242	252	30559	0.437	ng/ul	87
26) Benzo(a)pyrene	23.882	252	11377	0.187	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.547	276	10649	0.160	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.547	278	2592	0.052	ng/ul#	23
29) Benzo(g,h,i)perylene	27.339	276	1821	0.031	ng/ul#	43

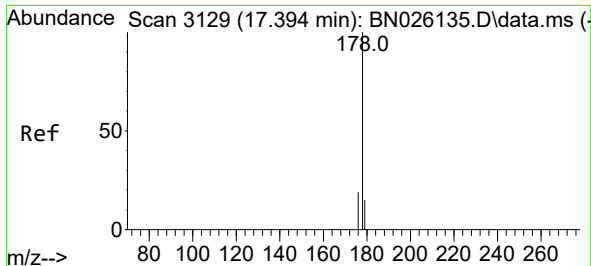
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026159.D
Acq On : 01 Jul 2023 19:41
Operator : MA/JU
Sample : 03239-09DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFY7DL

Quant Time: Jul 01 22:36:27 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

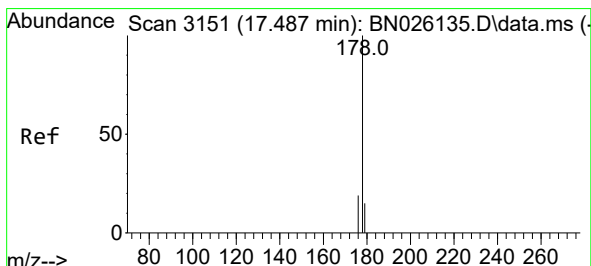
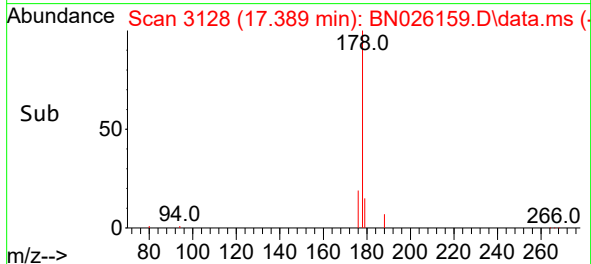
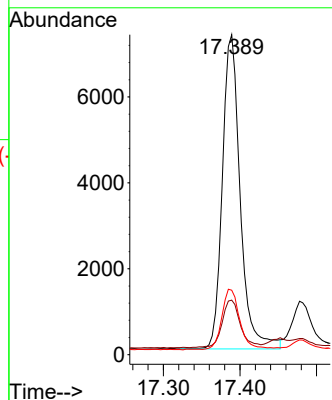
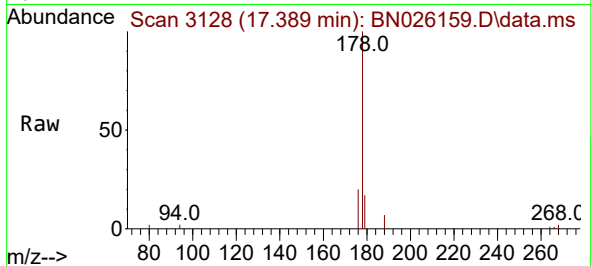




#15
Phenanthrene
Concen: 0.136 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026159.D
Acq: 01 Jul 2023 19:41

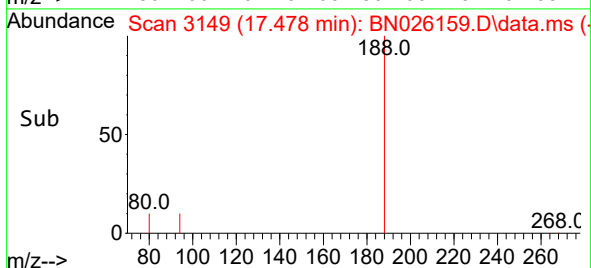
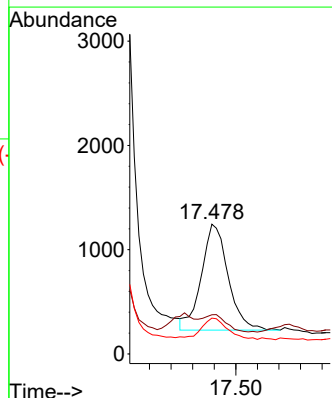
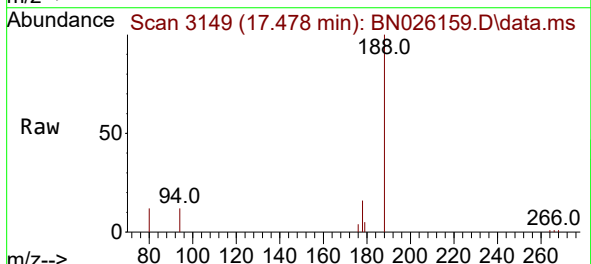
Instrument :
BNA_N
ClientSampleId :
DCFY7DL

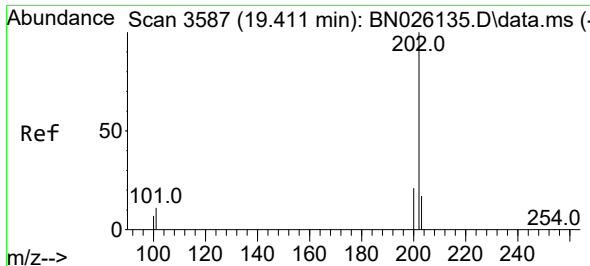
Tgt Ion:178 Resp: 11867
Ion Ratio Lower Upper
178 100
179 17.1 12.6 19.0
176 20.1 15.8 23.6



#16
Anthracene
Concen: 0.023 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026159.D
Acq: 01 Jul 2023 19:41

Tgt Ion:178 Resp: 1748
Ion Ratio Lower Upper
178 100
179 30.2 12.6 18.8#
176 27.7 15.1 22.7#

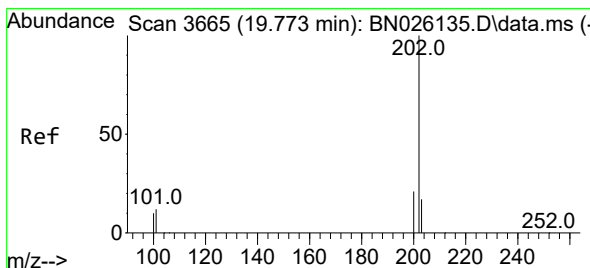
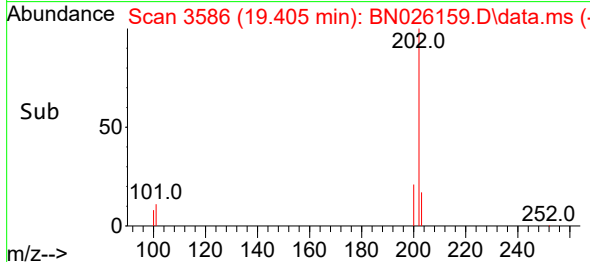
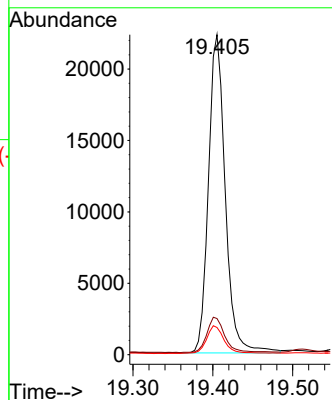
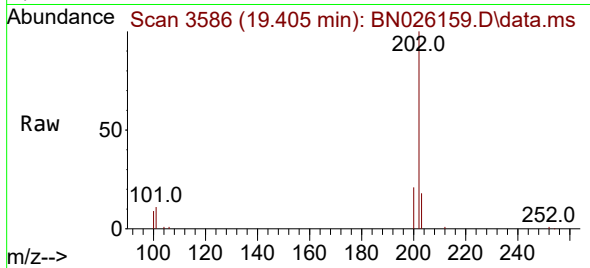




#19
Fluoranthene
Concen: 0.407 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026159.D
Acq: 01 Jul 2023 19:41

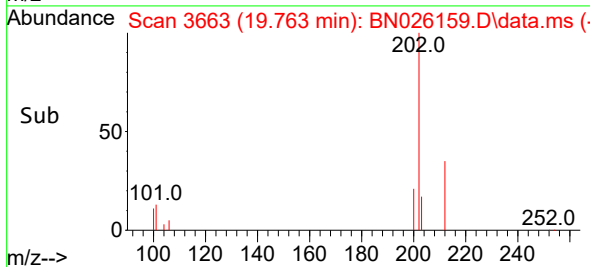
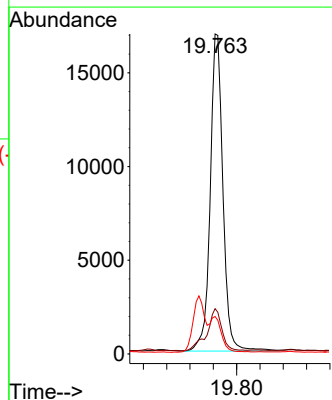
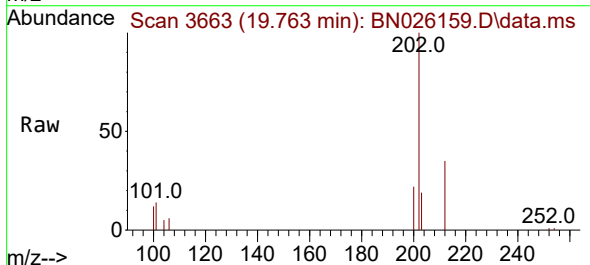
Instrument :
BNA_N
ClientSampleId :
DCFY7DL

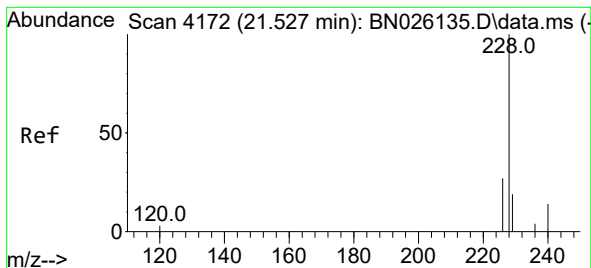
Tgt Ion:202 Resp: 32533
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.5 7.3 10.9



#20
Pyrene
Concen: 0.310 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. -0.010 min
Lab File: BN026159.D
Acq: 01 Jul 2023 19:41

Tgt Ion:202 Resp: 25719
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 11.7 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.210 ng/ul

RT: 21.520 min Scan# 4170

Delta R.T. -0.007 min

Lab File: BN026159.D

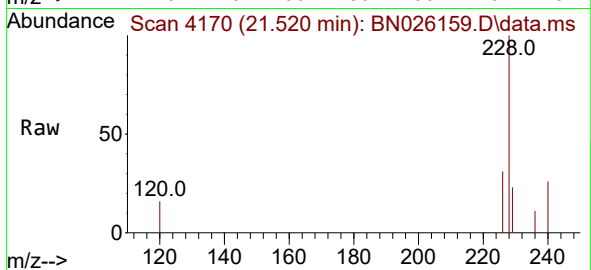
Acq: 01 Jul 2023 19:41

Instrument :

BNA_N

ClientSampleId :

DCFY7DL



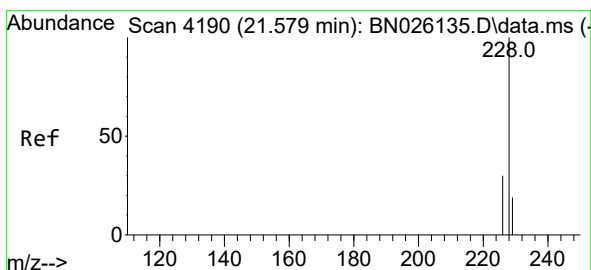
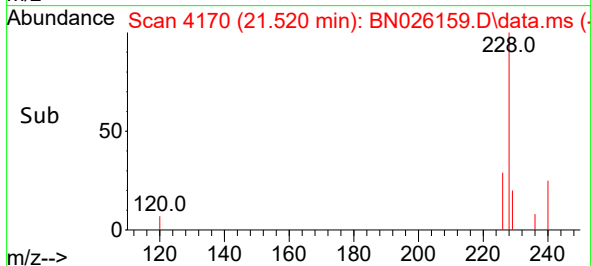
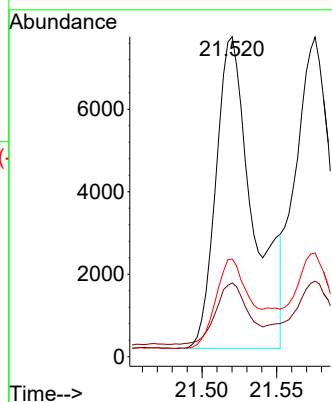
Tgt Ion:228 Resp: 12954

Ion Ratio Lower Upper

228 100

229 23.1 15.8 23.6

226 30.5 22.5 33.7



#22

Chrysene

Concen: 0.198 ng/ul

RT: 21.576 min Scan# 4189

Delta R.T. -0.004 min

Lab File: BN026159.D

Acq: 01 Jul 2023 19:41

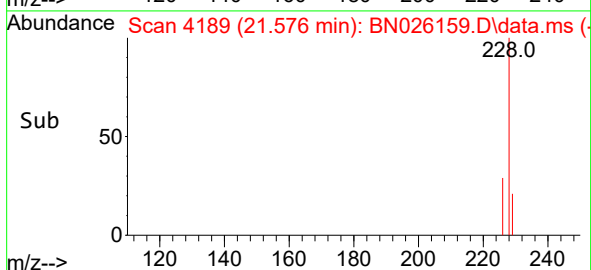
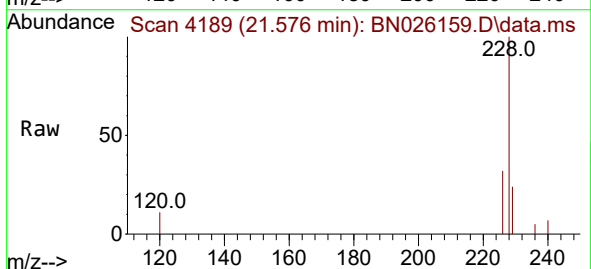
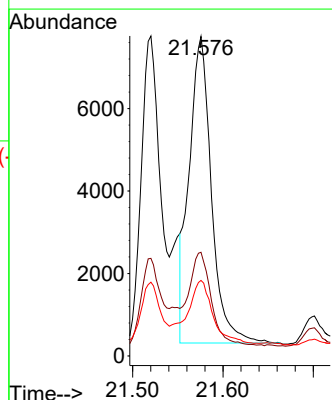
Tgt Ion:228 Resp: 12724

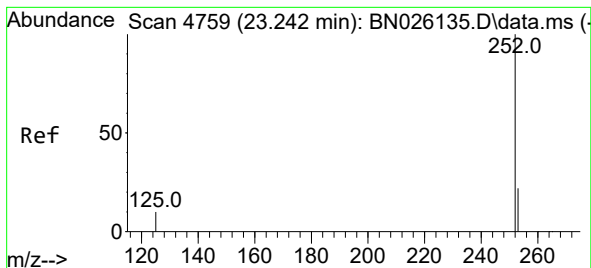
Ion Ratio Lower Upper

228 100

226 32.4 24.8 37.2

229 23.6 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 0.437 ng/ul

RT: 23.242 min Scan# 41

Delta R.T. -0.001 min

Lab File: BN026159.D

Acq: 01 Jul 2023 19:41

Instrument :

BNA_N

ClientSampleId :

DCFY7DL

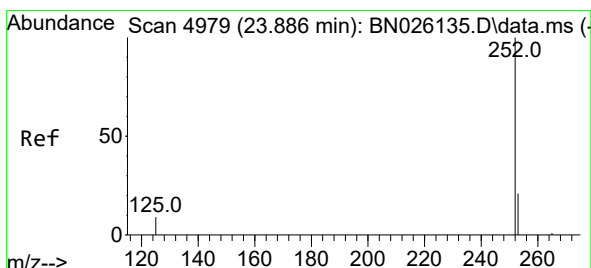
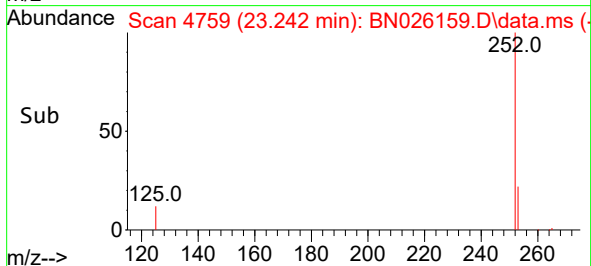
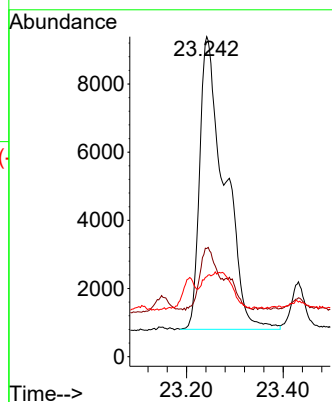
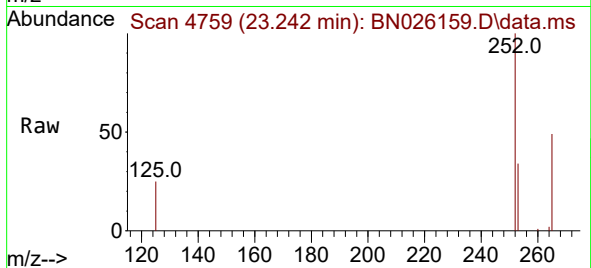
Tgt Ion:252 Resp: 30559

Ion Ratio Lower Upper

252 100

253 33.8 0.0 55.6

125 25.0 0.0 35.8



#26

Benzo(a)pyrene

Concen: 0.187 ng/ul

RT: 23.882 min Scan# 4978

Delta R.T. -0.004 min

Lab File: BN026159.D

Acq: 01 Jul 2023 19:41

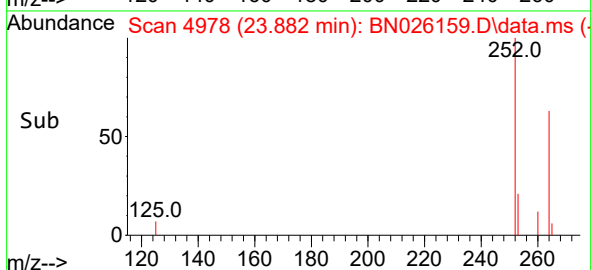
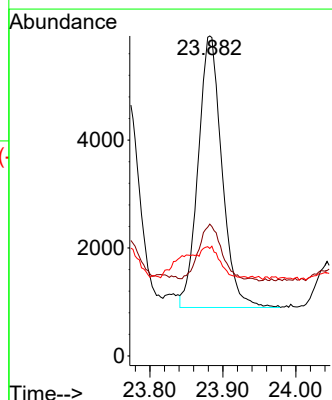
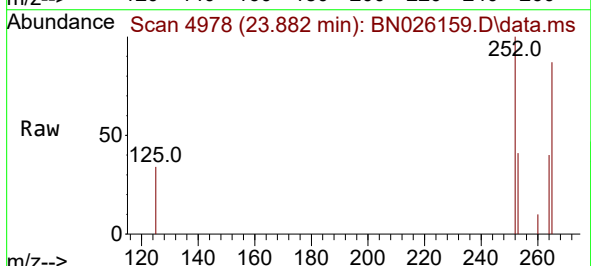
Tgt Ion:252 Resp: 11377

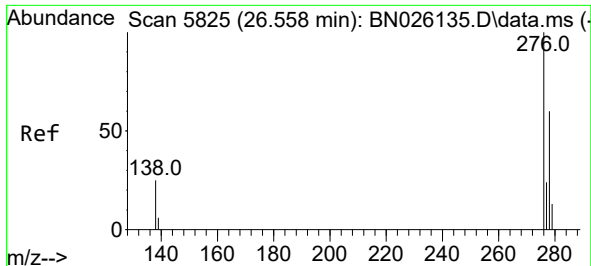
Ion Ratio Lower Upper

252 100

253 41.2 26.0 39.0#

125 33.6 17.3 25.9#

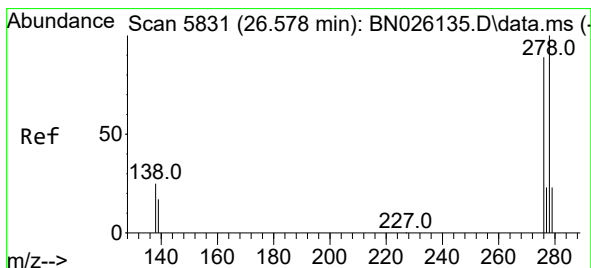
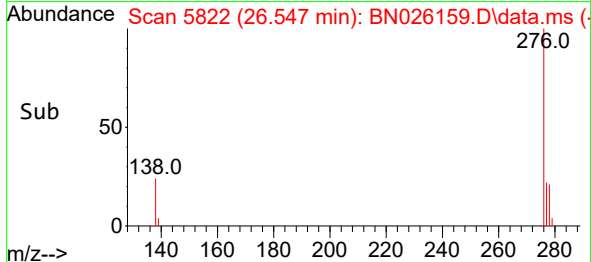
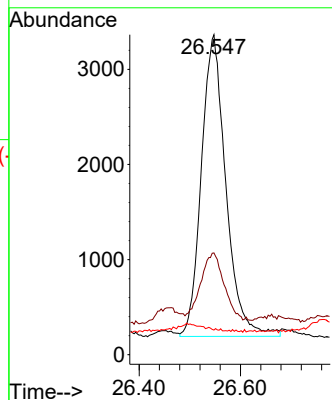
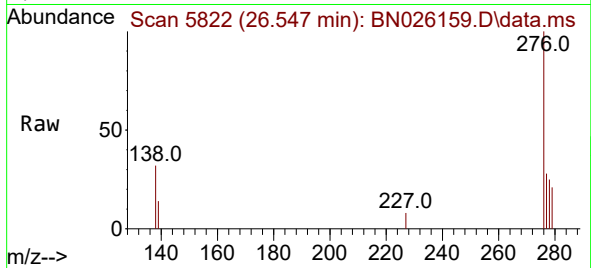




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.160 ng/ul
RT: 26.547 min Scan# 5825
Delta R.T. -0.011 min
Lab File: BN026159.D
Acq: 01 Jul 2023 19:41

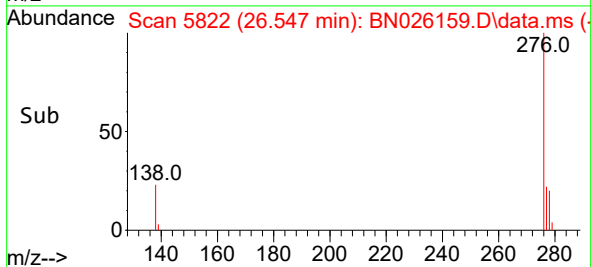
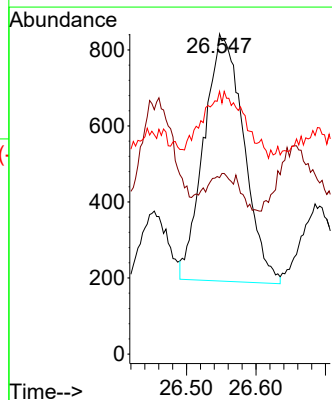
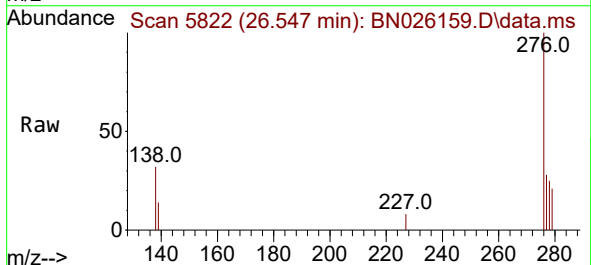
Instrument :
BNA_N
ClientSampleId :
DCFY7DL

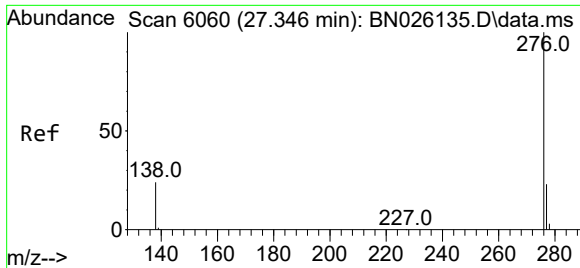
Tgt Ion:276 Resp: 10649
Ion Ratio Lower Upper
276 100
138 23.2 24.5 36.7#
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 26.547 min Scan# 5822
Delta R.T. -0.031 min
Lab File: BN026159.D
Acq: 01 Jul 2023 19:41

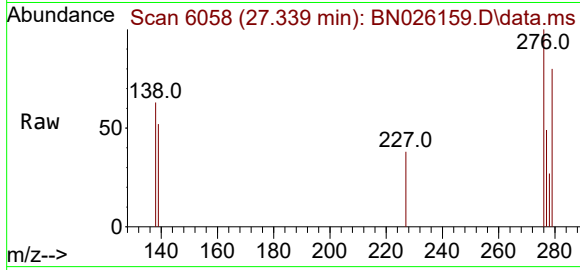
Tgt Ion:278 Resp: 2592
Ion Ratio Lower Upper
278 100
139 55.1 19.0 28.4#
279 82.1 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.031 ng/ul
 RT: 27.339 min Scan# 6058
 Delta R.T. -0.007 min
 Lab File: BN026159.D
 Acq: 01 Jul 2023 19:41

Instrument :
 BNA_N
 ClientSampleId :
 DCFY7DL



Tgt Ion:276 Resp: 1821
 Ion Ratio Lower Upper
 276 100
 138 63.1 23.4 35.0#
 277 49.4 20.0 30.0#

