

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026474.D
 Acq On : 11 Jul 2023 22:04
 Operator : MA/JU
 Sample : 03414-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 12 02:13:56 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 : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

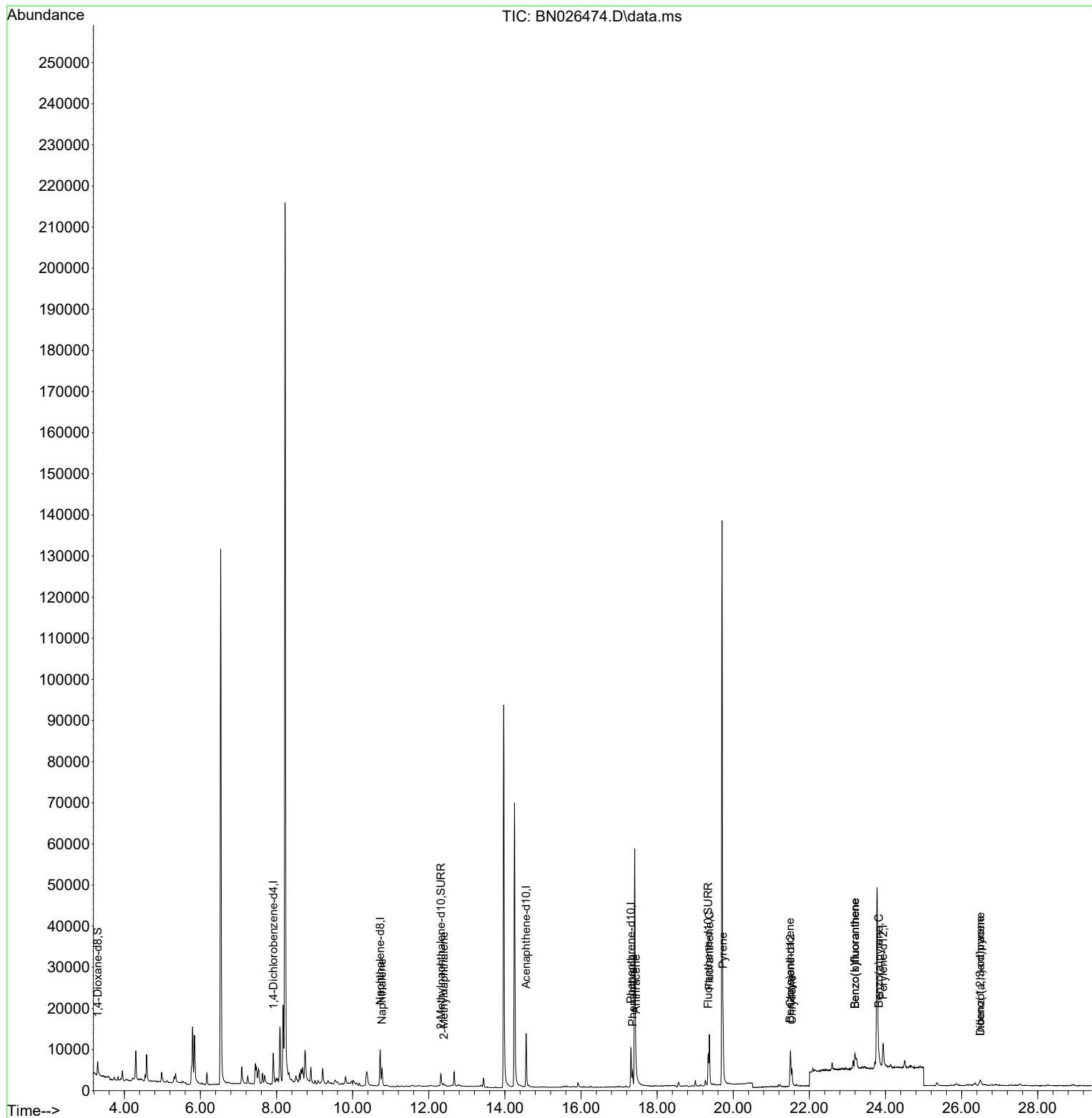
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	4655	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.721	136	13811	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.557	164	7801	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	13271	0.400	ng/ul	-0.02
17) Chrysene-d12	21.503	240	8156	0.400	ng/ul	#-0.01
23) Perylene-d12	23.938	264	9150	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2408	0.459	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	5211	0.245	ng/ul	-0.02
18) Fluoranthene-d10	19.341	212	9406	0.303	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	6786	0.171	ng/ul	96
7) 2-Methylnaphthalene	12.392	142	510	0.020	ng/ul	98
15) Phenanthrene	17.352	178	4248	0.097	ng/ul#	91
16) Anthracene	17.445	178	938	0.024	ng/ul#	52
19) Fluoranthene	19.374	202	12160	0.279	ng/ul	100
20) Pyrene	19.731	202	10244	0.226	ng/ul#	97
21) Benzo(a)anthracene	21.489	228	4004	0.119	ng/ul#	90
22) Chrysene	21.541	228	4248	0.121	ng/ul#	92
24) Benzo(b)fluoranthene	23.196	252	9379	0.240	ng/ul	65
25) Benzo(k)fluoranthene	23.196	252	7695	0.196	ng/ul#	68
26) Benzo(a)pyrene	23.827	252	2288	0.067	ng/ul#	25
27) Indeno(1,2,3-cd)pyrene	26.488	276	2941	0.079	ng/ul#	73
28) Dibenzo(a,h)anthracene	26.491	278	756	0.027	ng/ul#	1

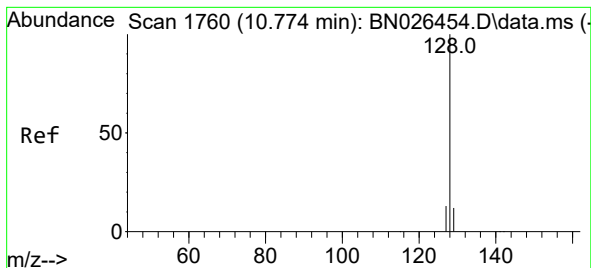
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.171 ng/ul

RT: 10.770 min Scan# 1759

Delta R.T. -0.016 min

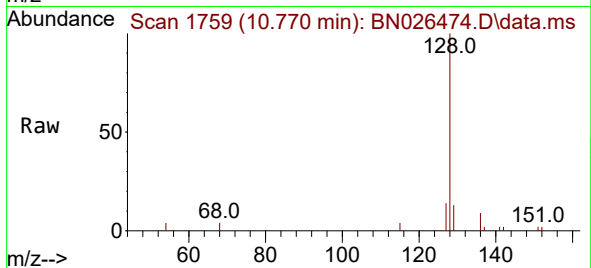
Lab File: BN026474.D

Acq: 11 Jul 2023 22:04

Instrument :

BNA_N

ClientSampleId :



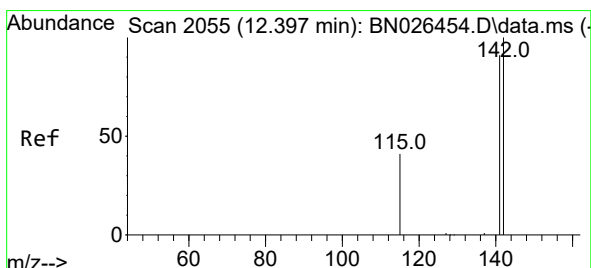
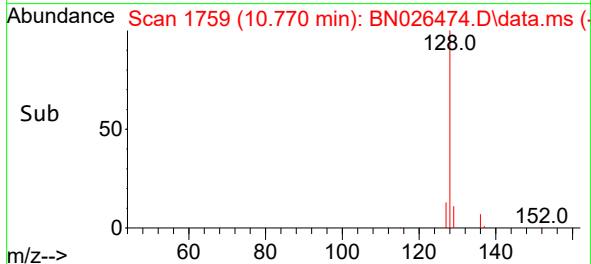
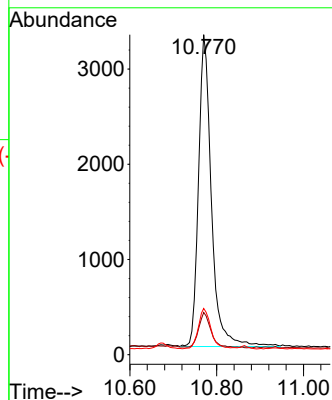
Tgt Ion:128 Resp: 6786

Ion Ratio Lower Upper

128 100

129 13.2 9.1 13.7

127 14.5 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 12.392 min Scan# 2054

Delta R.T. -0.011 min

Lab File: BN026474.D

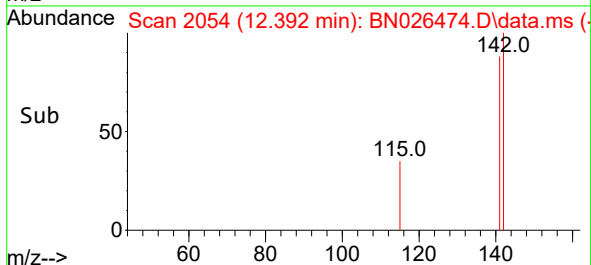
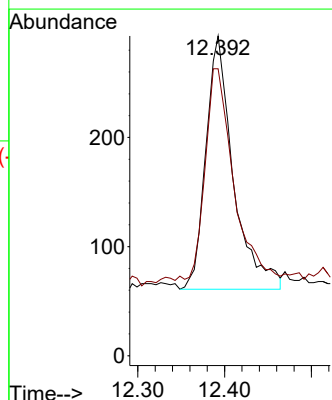
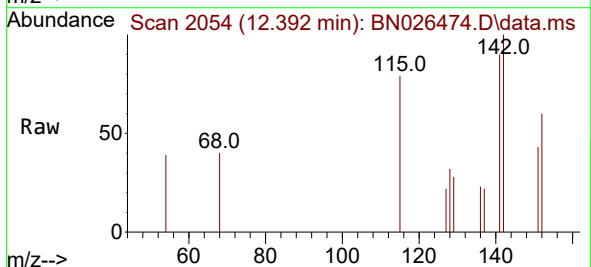
Acq: 11 Jul 2023 22:04

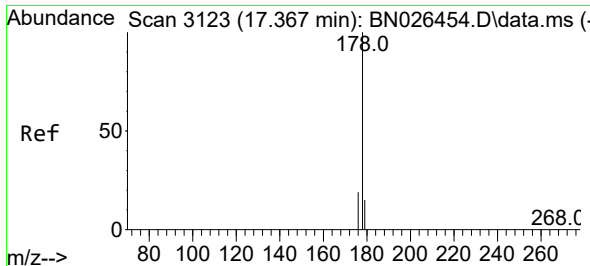
Tgt Ion:142 Resp: 510

Ion Ratio Lower Upper

142 100

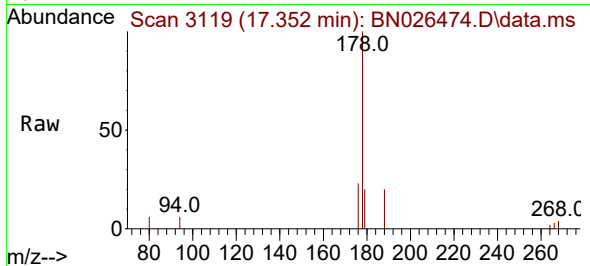
141 87.8 71.9 107.9



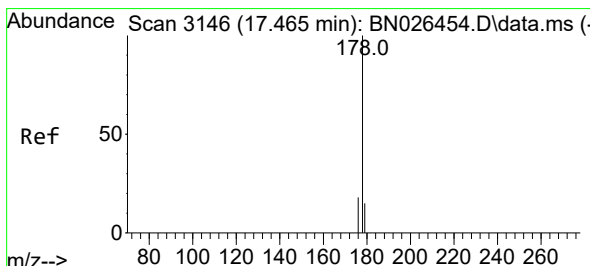
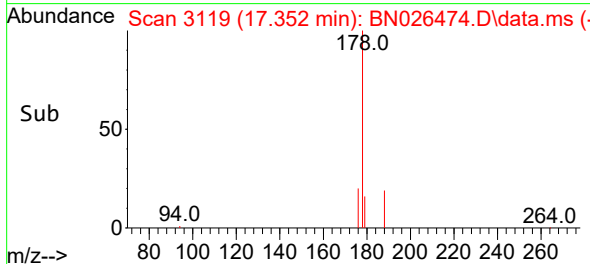
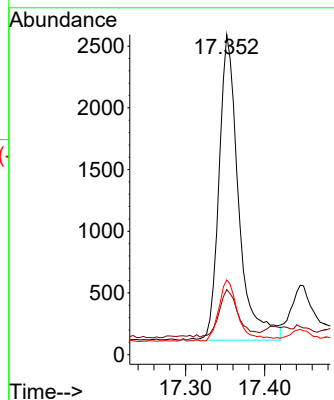


#15
Phenanthrene
Concen: 0.097 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. -0.016 min
Lab File: BN026474.D
Acq: 11 Jul 2023 22:04

Instrument :
BNA_N
ClientSampleId :

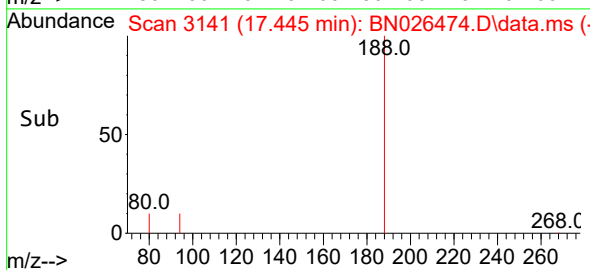
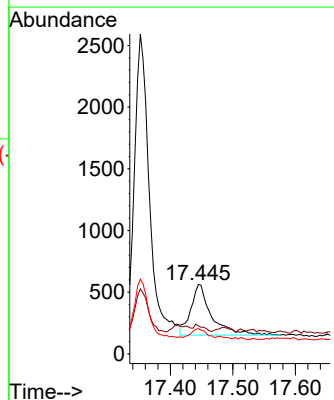
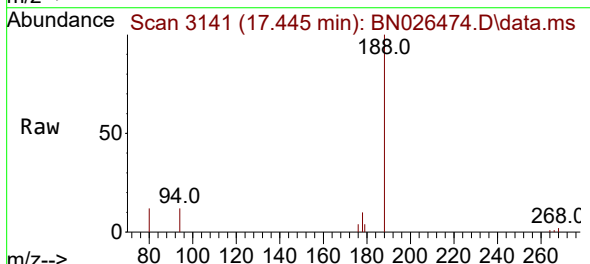


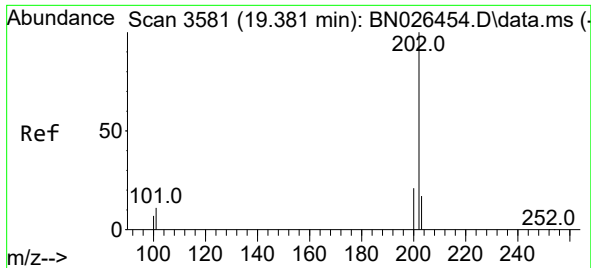
Tgt Ion:178 Resp: 4248
Ion Ratio Lower Upper
178 100
179 20.4 12.6 19.0#
176 23.4 15.8 23.6



#16
Anthracene
Concen: 0.024 ng/ul
RT: 17.445 min Scan# 3141
Delta R.T. -0.020 min
Lab File: BN026474.D
Acq: 11 Jul 2023 22:04

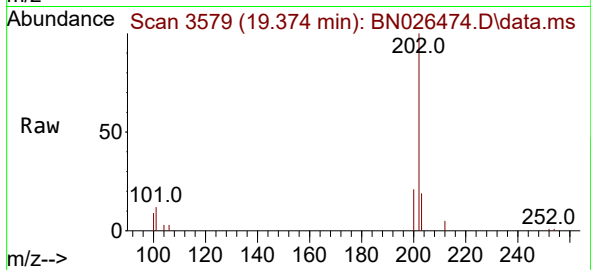
Tgt Ion:178 Resp: 938
Ion Ratio Lower Upper
178 100
179 40.4 12.6 18.8#
176 36.5 15.1 22.7#



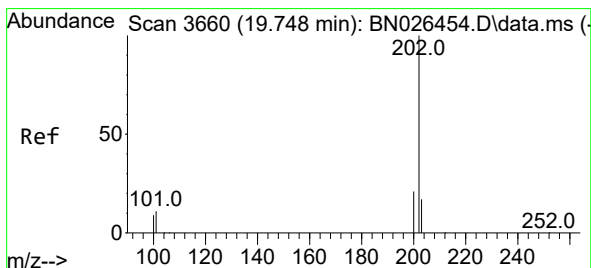
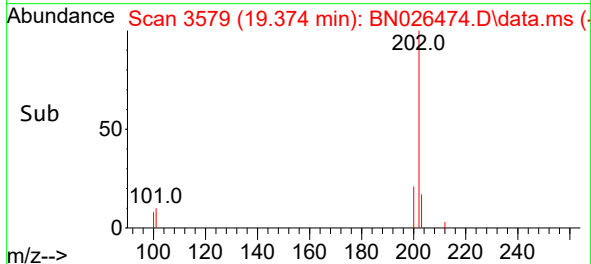
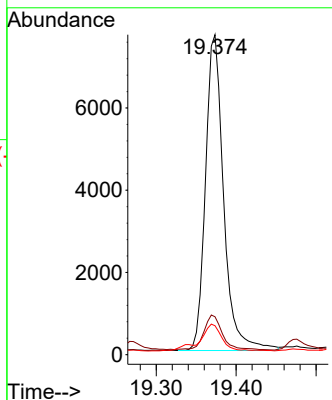


#19
Fluoranthene
Concen: 0.279 ng/ul
RT: 19.374 min Scan# 3579
Delta R.T. -0.013 min
Lab File: BN026474.D
Acq: 11 Jul 2023 22:04

Instrument :
BNA_N
ClientSampleId :

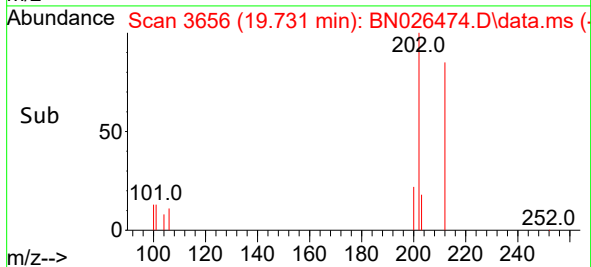
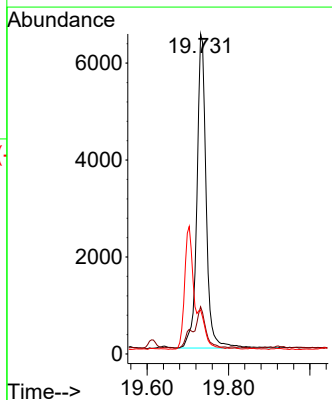
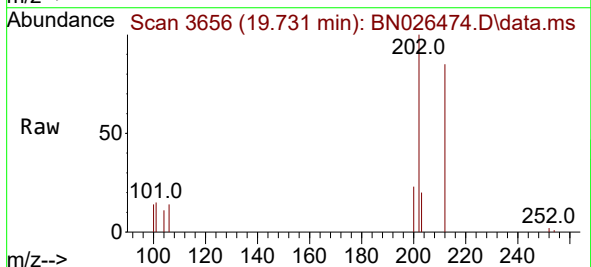


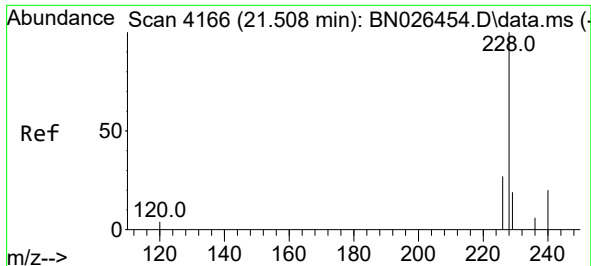
Tgt Ion:202 Resp: 12160
Ion Ratio Lower Upper
202 100
101 11.8 9.5 14.3
100 9.1 7.3 10.9



#20
Pyrene
Concen: 0.226 ng/ul
RT: 19.731 min Scan# 3656
Delta R.T. -0.018 min
Lab File: BN026474.D
Acq: 11 Jul 2023 22:04

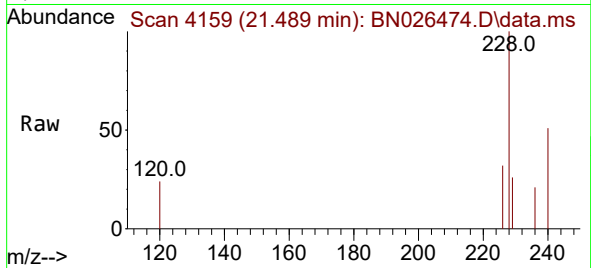
Tgt Ion:202 Resp: 10244
Ion Ratio Lower Upper
202 100
101 14.8 11.4 17.0
100 13.7 9.1 13.7#



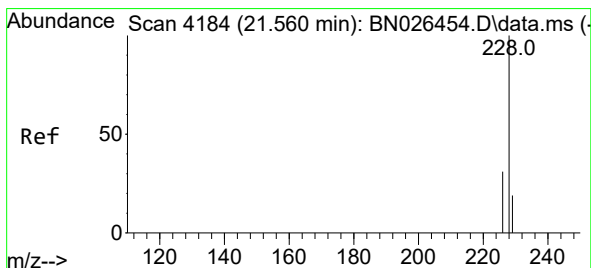
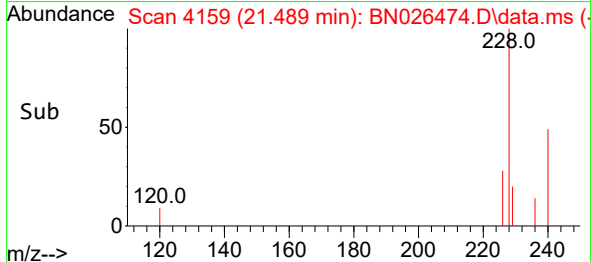
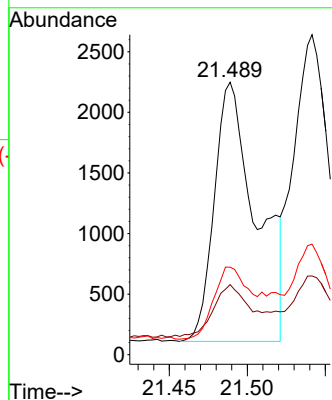


#21
Benzo(a)anthracene
Concen: 0.119 ng/ul
RT: 21.489 min Scan# 4166
Delta R.T. -0.011 min
Lab File: BN026474.D
Acq: 11 Jul 2023 22:04

Instrument :
BNA_N
ClientSampleId :

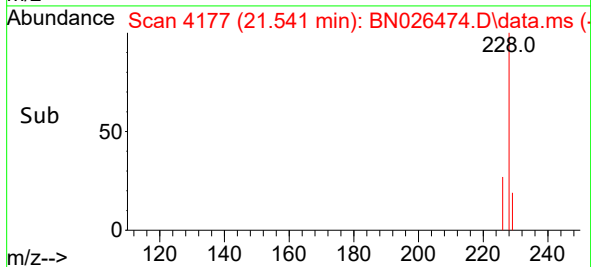
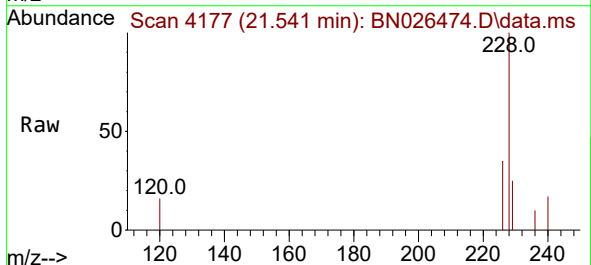
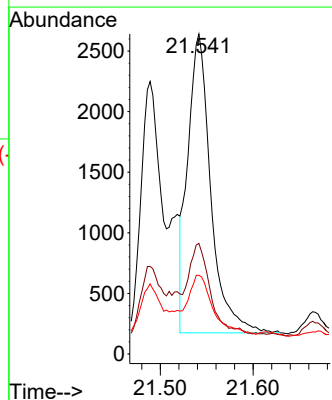


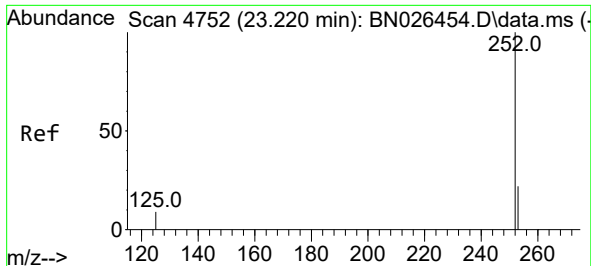
Tgt Ion:228 Resp: 4004
Ion Ratio Lower Upper
228 100
229 25.7 15.8 23.6#
226 32.1 22.5 33.7



#22
Chrysene
Concen: 0.121 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. -0.011 min
Lab File: BN026474.D
Acq: 11 Jul 2023 22:04

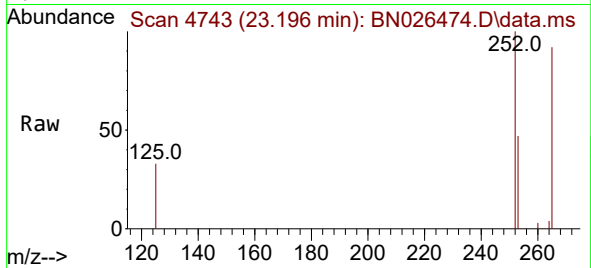
Tgt Ion:228 Resp: 4248
Ion Ratio Lower Upper
228 100
226 34.5 24.8 37.2
229 24.6 15.7 23.5#



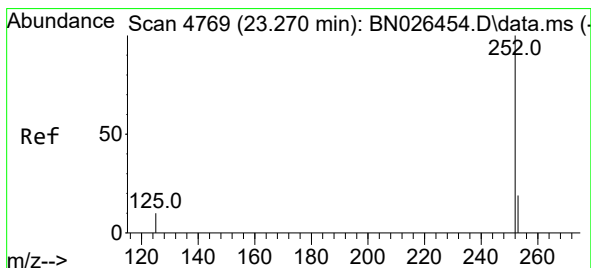
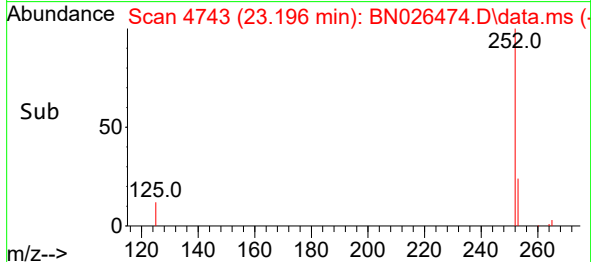
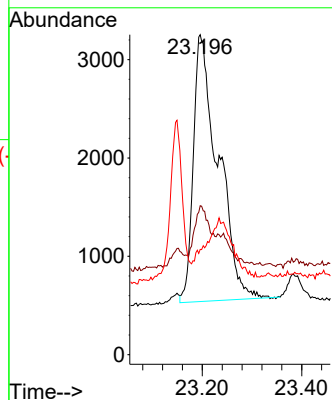


#24
Benzo(b)fluoranthene
Concen: 0.240 ng/ul
RT: 23.196 min Scan# 4743
Delta R.T. -0.022 min
Lab File: BN026474.D
Acq: 11 Jul 2023 22:04

Instrument :
BNA_N
ClientSampleId :

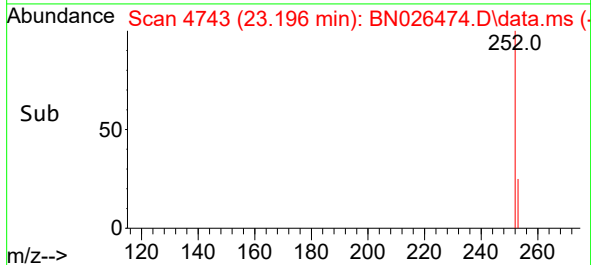
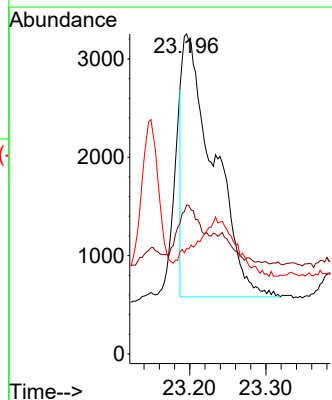
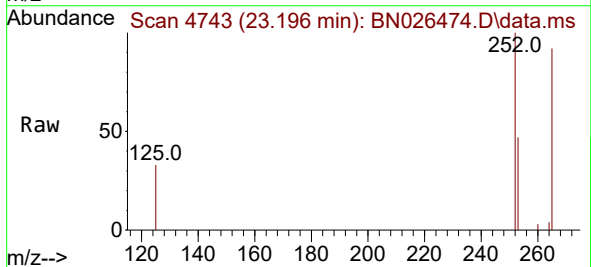


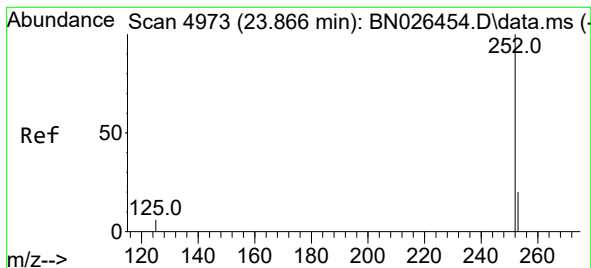
Tgt Ion:252 Resp: 9379
Ion Ratio Lower Upper
252 100
253 46.5 0.0 55.6
125 32.9 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.196 ng/ul
RT: 23.196 min Scan# 4743
Delta R.T. -0.066 min
Lab File: BN026474.D
Acq: 11 Jul 2023 22:04

Tgt Ion:252 Resp: 7695
Ion Ratio Lower Upper
252 100
253 46.5 23.2 34.8#
125 32.9 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.067 ng/ul

RT: 23.827 min Scan# 4973

Delta R.T. -0.043 min

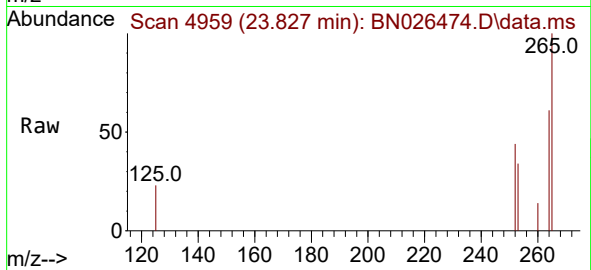
Lab File: BN026474.D

Acq: 11 Jul 2023 22:04

Instrument :

BNA_N

ClientSampleId :



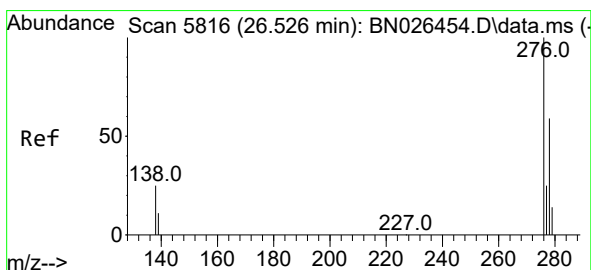
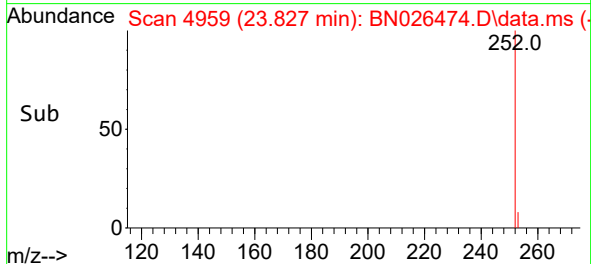
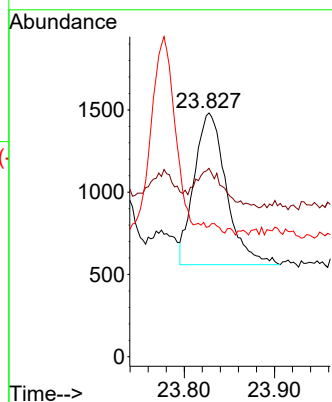
Tgt Ion:252 Resp: 2288

Ion Ratio Lower Upper

252 100

253 77.3 26.0 39.0#

125 53.4 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.079 ng/ul

RT: 26.488 min Scan# 5804

Delta R.T. -0.053 min

Lab File: BN026474.D

Acq: 11 Jul 2023 22:04

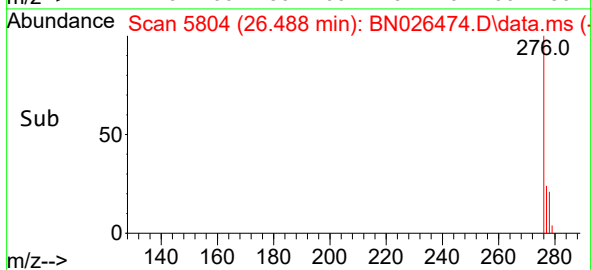
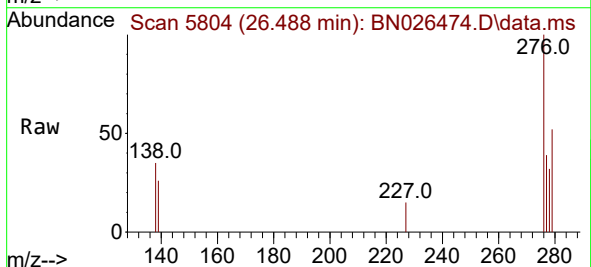
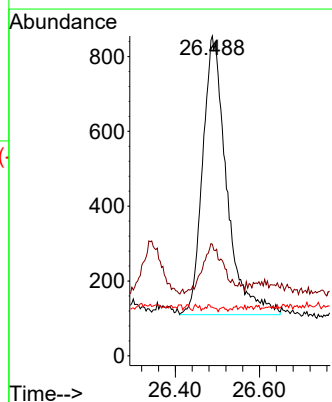
Tgt Ion:276 Resp: 2941

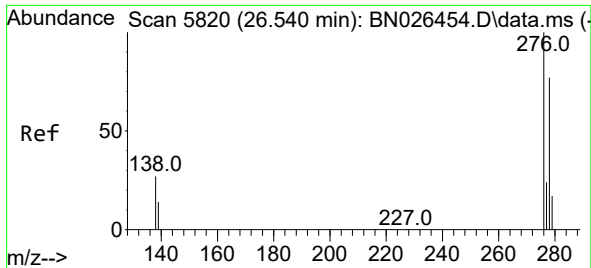
Ion Ratio Lower Upper

276 100

138 16.0 24.5 36.7#

227 0.7 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.027 ng/ul

RT: 26.491 min Scan# 5805

Delta R.T. -0.070 min

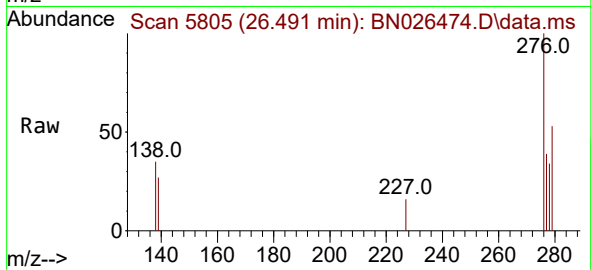
Lab File: BN026474.D

Acq: 11 Jul 2023 22:04

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:278 Resp: 756

Ion Ratio Lower Upper

278 100

139 80.1 19.0 28.4#

279 157.4 26.7 40.1#

