

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027076.D
 Acq On : 24 Aug 2023 00:00
 Operator : MA/JU
 Sample : 03967-15DL 5X
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 24 01:40:38 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

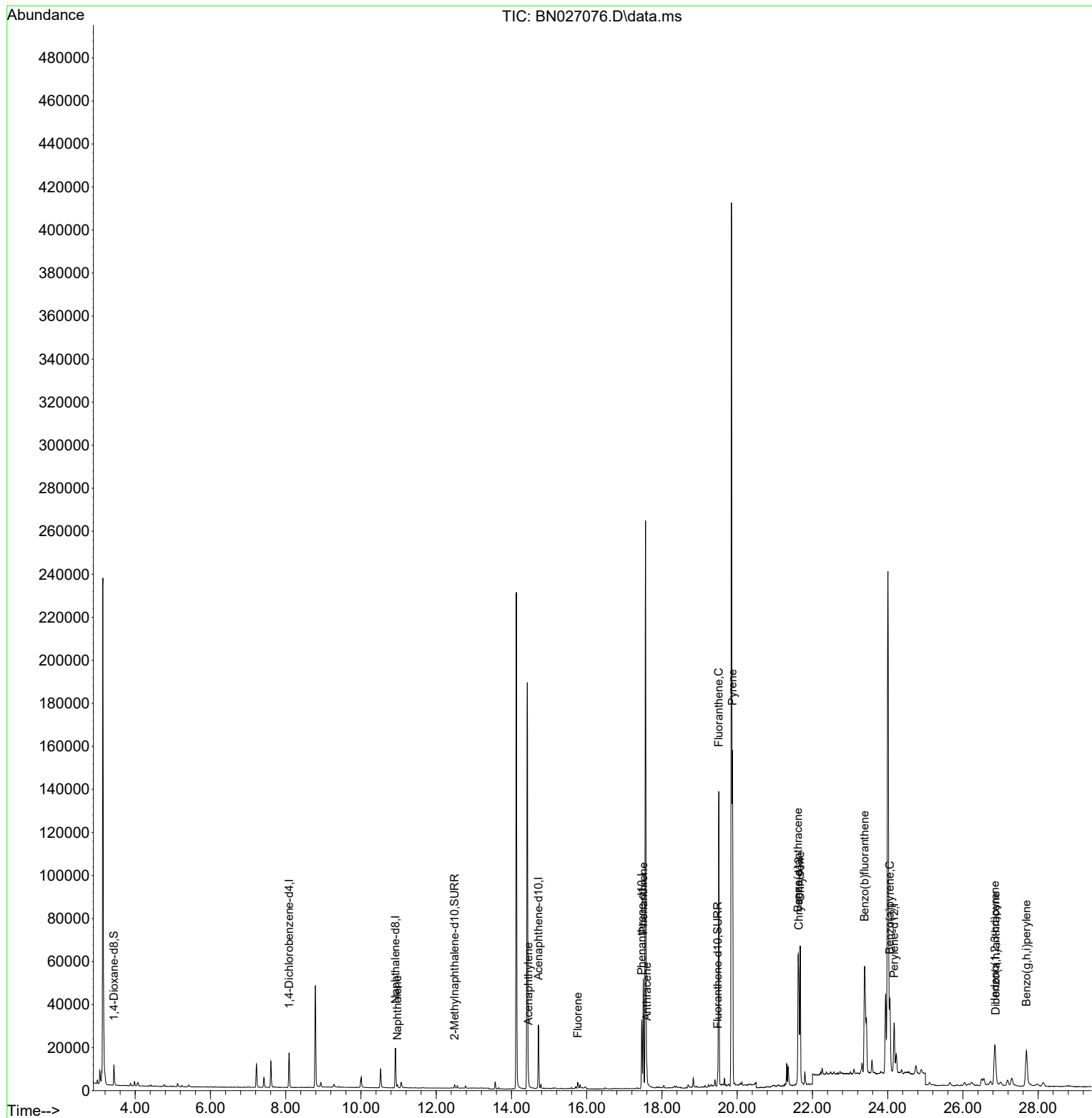
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	7988	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	26324	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.717	164	16414	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	37808	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	33618	0.400	ng/ul	0.00
23) Perylene-d12	24.170	264	32937	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	6644	0.701	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	2082	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	5748	0.054	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.966	128	1736	0.023	ng/ul#	82
10) Acenaphthylene	14.448	152	5219	0.057	ng/ul	97
12) Fluorene	15.762	166	1978	0.027	ng/ul#	96
15) Phenanthrene	17.506	178	53028	0.427	ng/ul	100
16) Anthracene	17.599	178	7774	0.069	ng/ul	95
19) Fluoranthene	19.511	202	113827	0.815	ng/ul	99
20) Pyrene	19.873	202	127253	0.854	ng/ul	100
21) Benzo(a)anthracene	21.618	228	52680	0.394	ng/ul	98
22) Chrysene	21.674	228	71071	0.539	ng/ul	98
24) Benzo(b)fluoranthene	23.386	252	126557	1.016	ng/ul	93
26) Benzo(a)pyrene	24.059	252	53383	0.475	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.848	276	37370	0.254	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.871	278	8636	0.074	ng/ul#	69
29) Benzo(g,h,i)perylene	27.686	276	39946	0.326	ng/ul	98

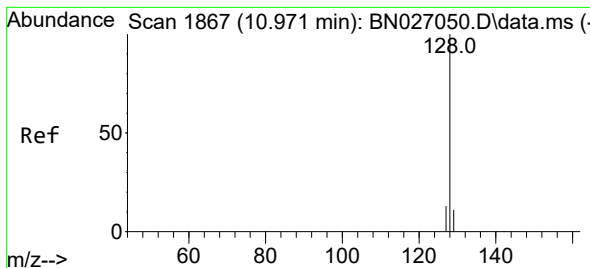
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.023 ng/ul

RT: 10.966 min Scan# 1866

Delta R.T. -0.005 min

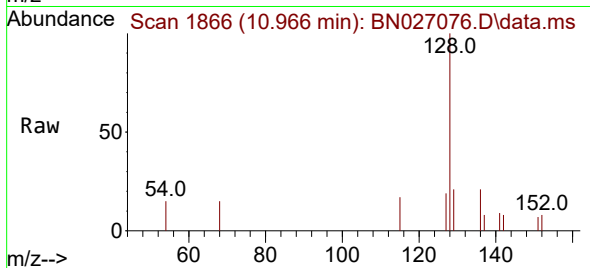
Lab File: BN027076.D

Acq: 24 Aug 2023 00:00

Instrument :

BNA_P

ClientSampleId :



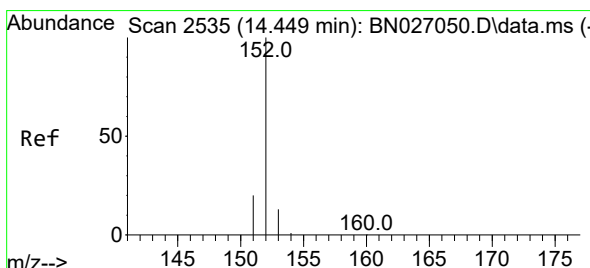
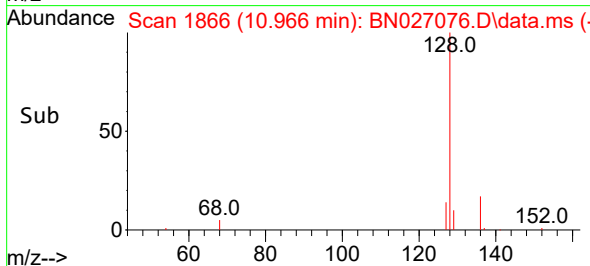
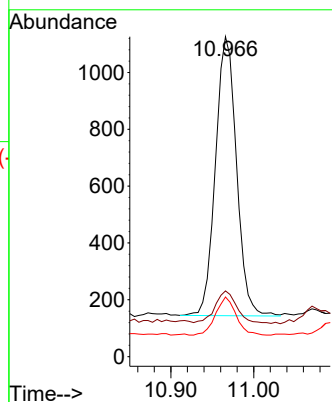
Tgt Ion:128 Resp: 1736

Ion Ratio Lower Upper

128 100

129 20.5 9.2 13.8#

127 18.7 10.5 15.7#



#10

Acenaphthylene

Concen: 0.057 ng/ul

RT: 14.448 min Scan# 2535

Delta R.T. -0.005 min

Lab File: BN027076.D

Acq: 24 Aug 2023 00:00

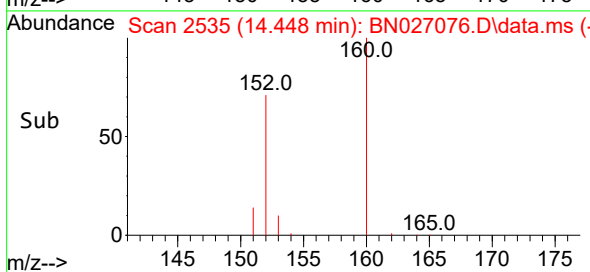
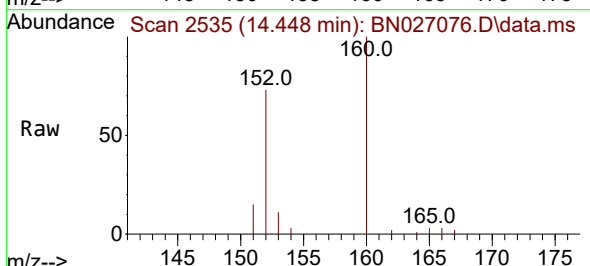
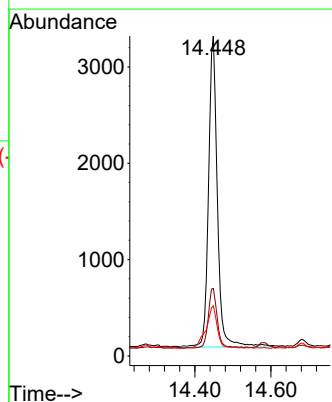
Tgt Ion:152 Resp: 5219

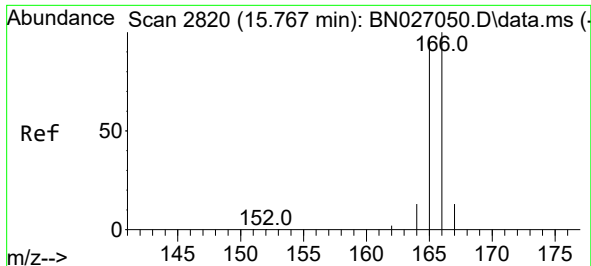
Ion Ratio Lower Upper

152 100

151 21.1 15.9 23.9

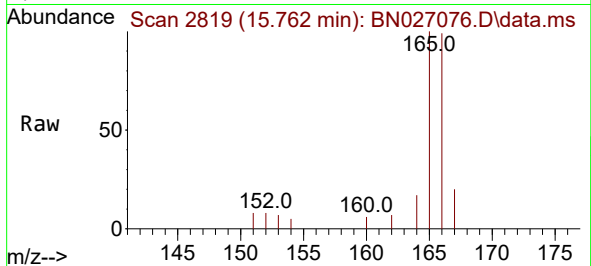
153 15.7 11.0 16.6



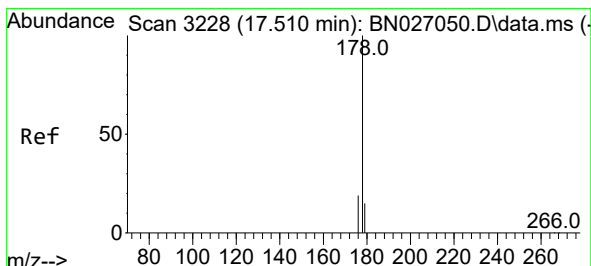
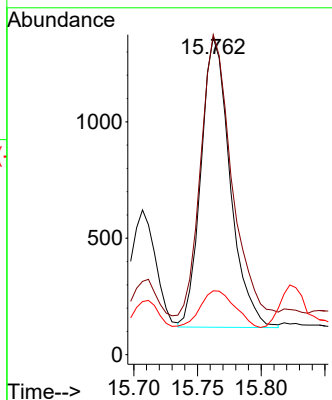
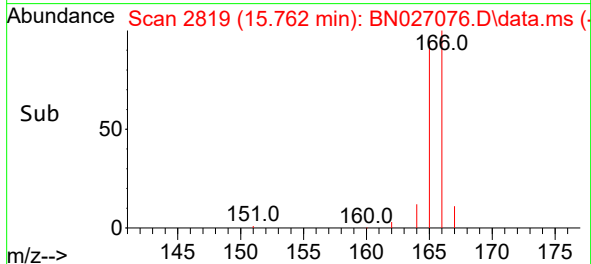


#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027076.D
Acq: 24 Aug 2023 00:00

Instrument :
BNA_P
ClientSampleId :

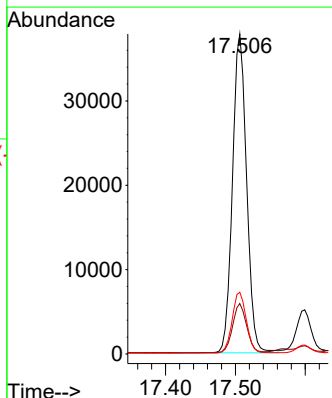
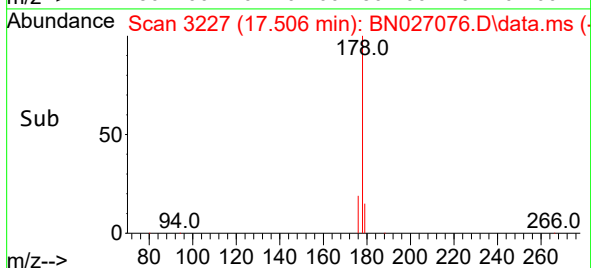
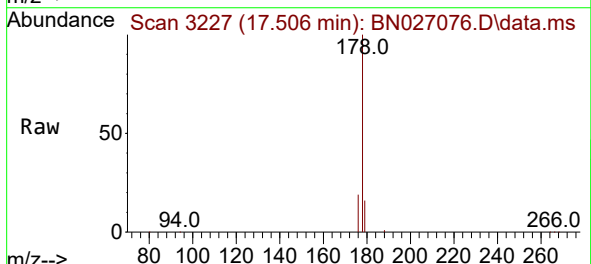


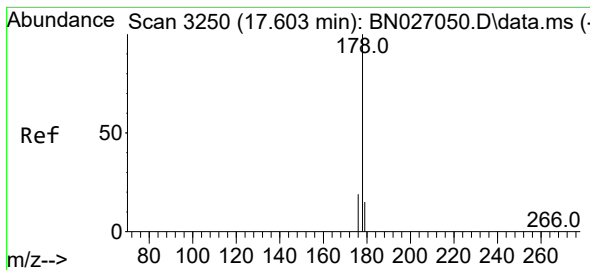
Tgt Ion:166 Resp: 1978
Ion Ratio Lower Upper
166 100
165 100.9 79.1 118.7
167 20.1 11.4 17.0#



#15
Phenanthrene
Concen: 0.427 ng/ul
RT: 17.506 min Scan# 3227
Delta R.T. -0.004 min
Lab File: BN027076.D
Acq: 24 Aug 2023 00:00

Tgt Ion:178 Resp: 53028
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.3 15.4 23.2





#16

Anthracene

Concen: 0.069 ng/ul

RT: 17.599 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN027076.D

Acq: 24 Aug 2023 00:00

Instrument :

BNA_P

ClientSampleId :

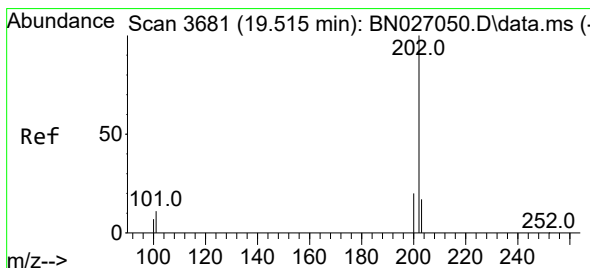
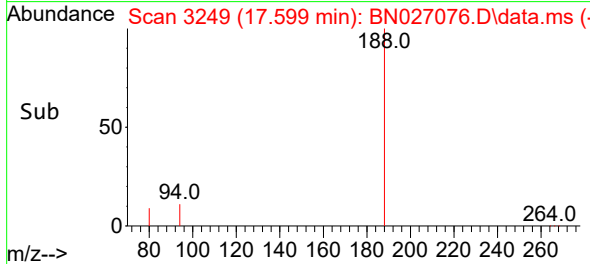
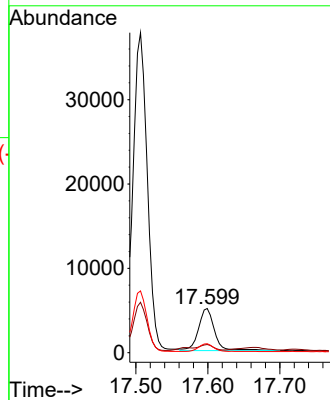
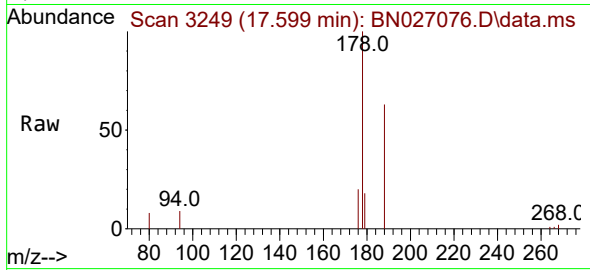
Tgt Ion:178 Resp: 7774

Ion Ratio Lower Upper

178 100

179 18.5 12.6 19.0

176 20.2 15.0 22.6



#19

Fluoranthene

Concen: 0.815 ng/ul

RT: 19.511 min Scan# 3680

Delta R.T. -0.005 min

Lab File: BN027076.D

Acq: 24 Aug 2023 00:00

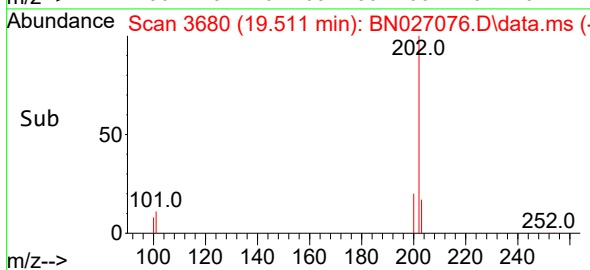
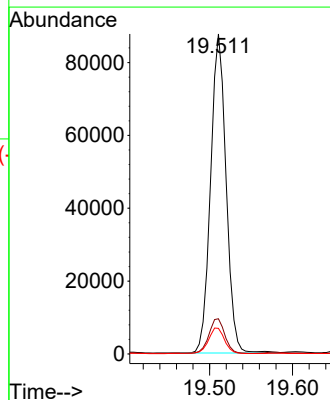
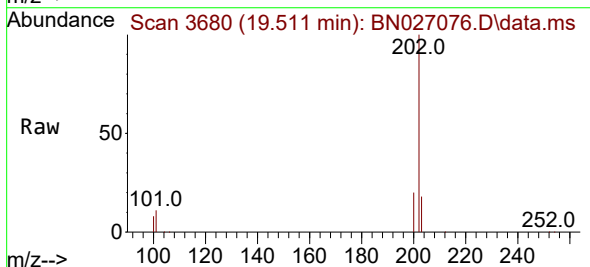
Tgt Ion:202 Resp: 113827

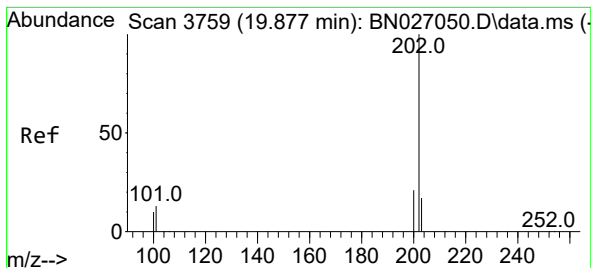
Ion Ratio Lower Upper

202 100

101 11.0 8.3 12.5

100 8.0 6.2 9.2





#20

Pyrene

Concen: 0.854 ng/ul

RT: 19.873 min Scan# 3759

Delta R.T. -0.009 min

Lab File: BN027076.D

Acq: 24 Aug 2023 00:00

Instrument :

BNA_P

ClientSampleId :

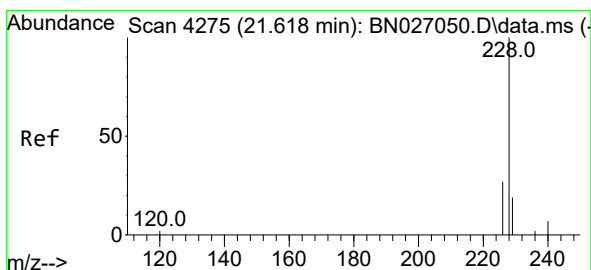
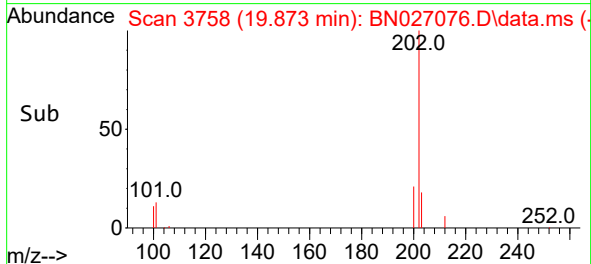
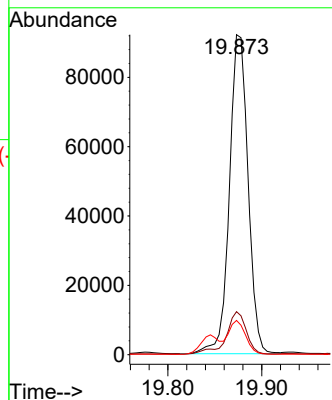
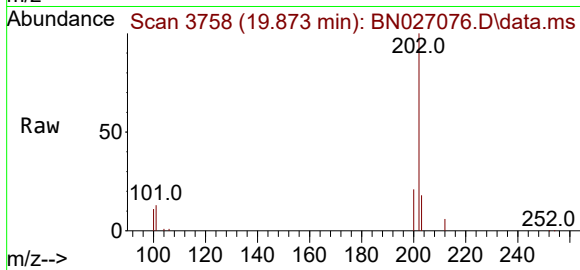
Tgt Ion:202 Resp: 127253

Ion Ratio Lower Upper

202 100

101 13.5 10.7 16.1

100 10.7 8.5 12.7



#21

Benzo(a)anthracene

Concen: 0.394 ng/ul

RT: 21.618 min Scan# 4275

Delta R.T. -0.003 min

Lab File: BN027076.D

Acq: 24 Aug 2023 00:00

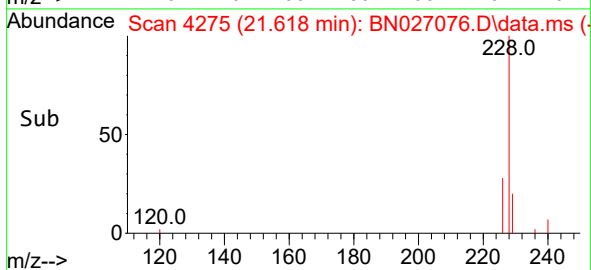
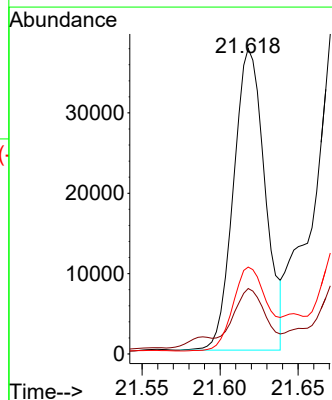
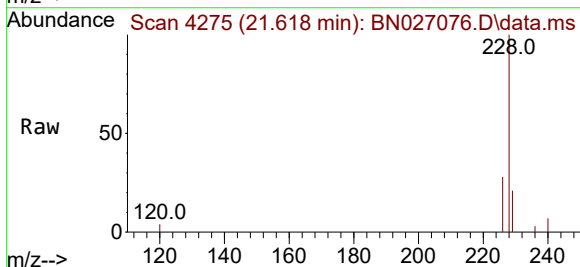
Tgt Ion:228 Resp: 52680

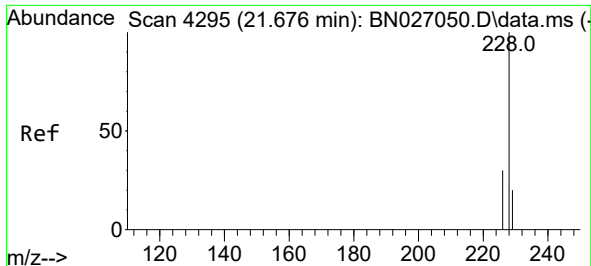
Ion Ratio Lower Upper

228 100

229 21.4 16.0 24.0

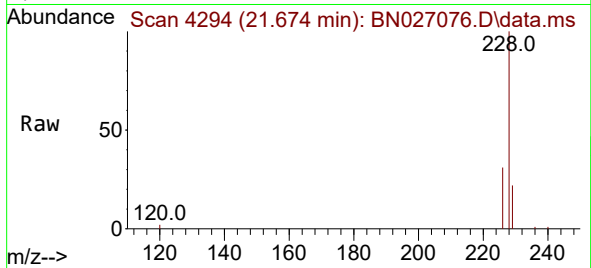
226 28.5 22.2 33.2



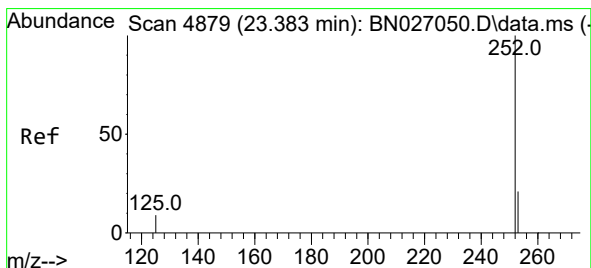
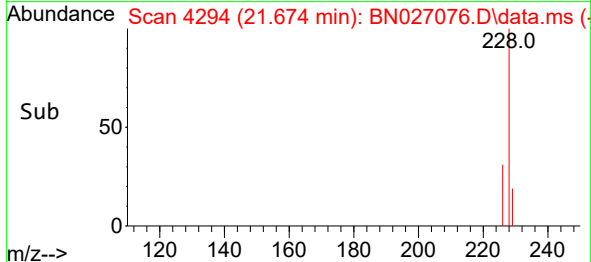
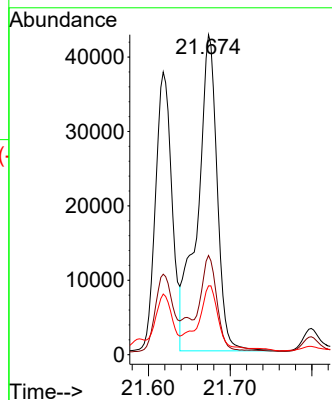


#22
Chrysene
Concen: 0.539 ng/ul
RT: 21.674 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027076.D
Acq: 24 Aug 2023 00:00

Instrument :
BNA_P
ClientSampleId :

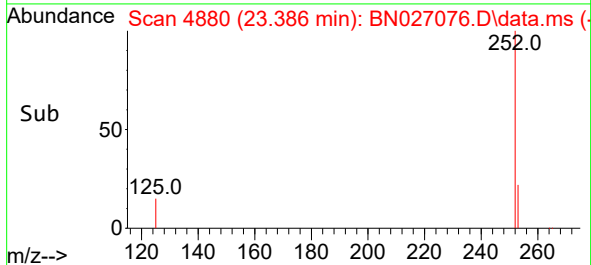
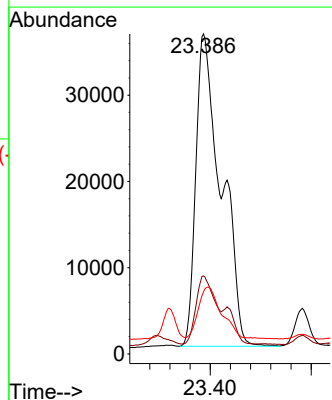
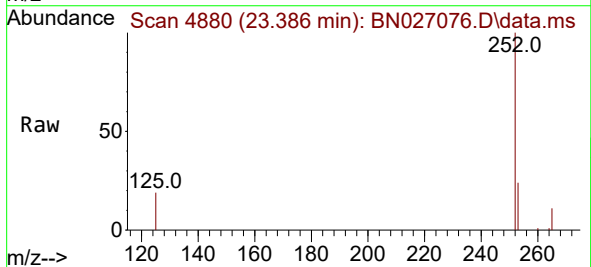


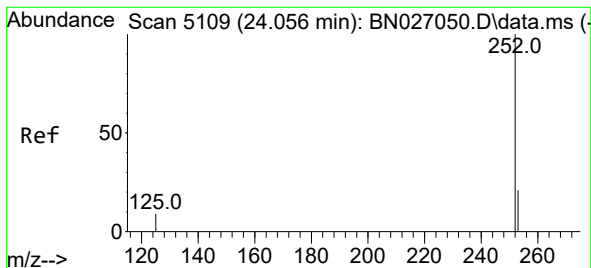
Tgt Ion:228 Resp: 71071
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 21.5 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 1.016 ng/ul
RT: 23.386 min Scan# 4880
Delta R.T. 0.000 min
Lab File: BN027076.D
Acq: 24 Aug 2023 00:00

Tgt Ion:252 Resp: 126557
Ion Ratio Lower Upper
252 100
253 24.4 0.0 46.8
125 19.5 0.0 25.2





#26

Benzo(a)pyrene

Concen: 0.475 ng/ul

RT: 24.059 min Scan# 5109

Delta R.T. -0.003 min

Lab File: BN027076.D

Acq: 24 Aug 2023 00:00

Instrument :

BN027076.D

ClientSampleId :

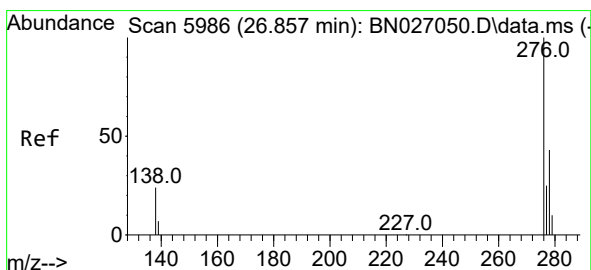
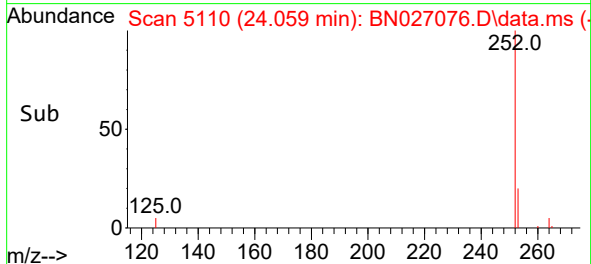
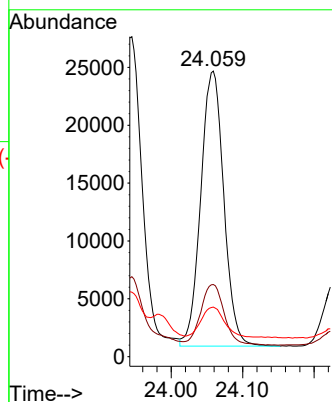
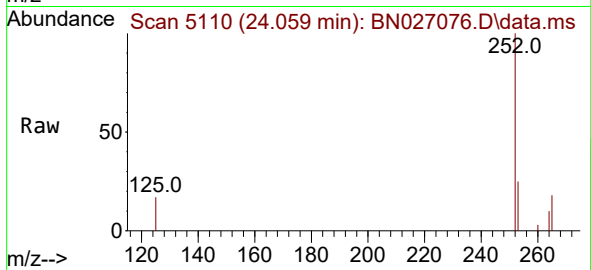
Tgt Ion:252 Resp: 53383

Ion Ratio Lower Upper

252 100

253 25.3 19.0 28.6

125 17.3 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.254 ng/ul

RT: 26.848 min Scan# 5983

Delta R.T. -0.006 min

Lab File: BN027076.D

Acq: 24 Aug 2023 00:00

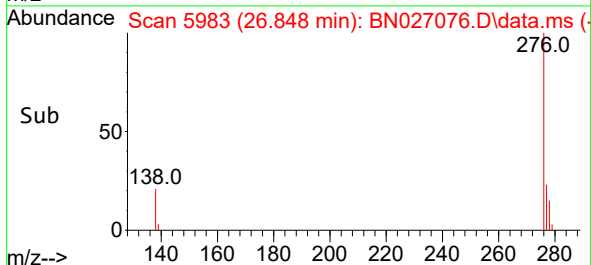
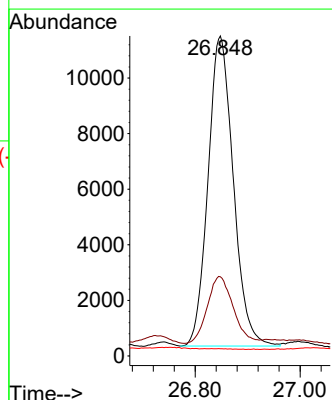
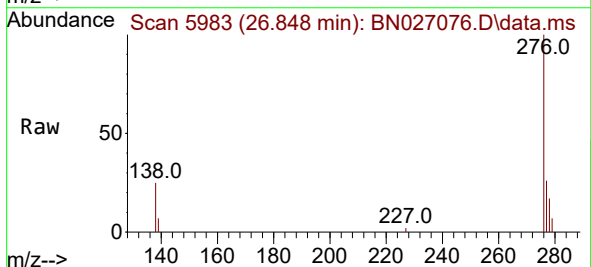
Tgt Ion:276 Resp: 37370

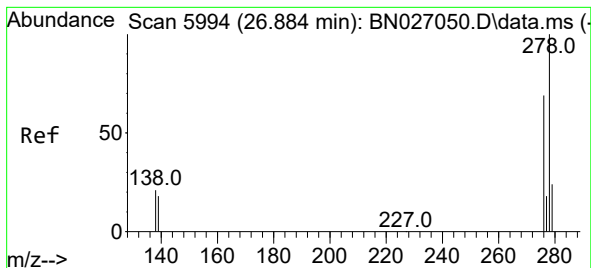
Ion Ratio Lower Upper

276 100

138 23.1 21.6 32.4

227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.074 ng/ul

RT: 26.871 min Scan# 5994

Delta R.T. -0.013 min

Lab File: BN027076.D

Acq: 24 Aug 2023 00:00

Instrument :

BNA_P

ClientSampleId :

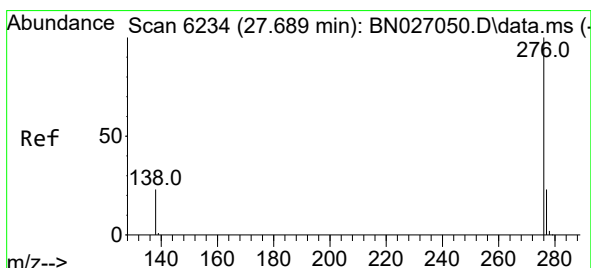
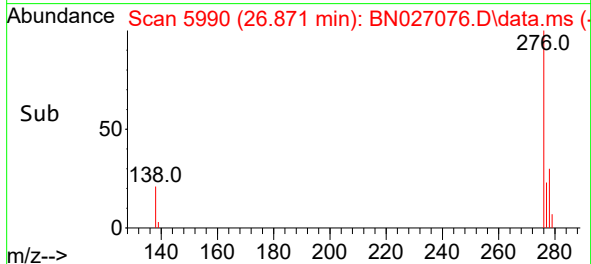
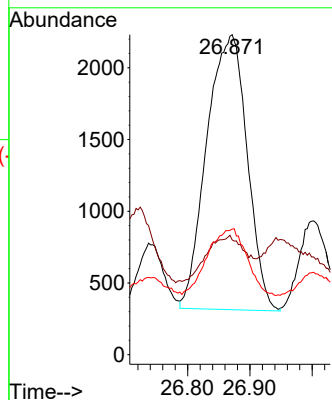
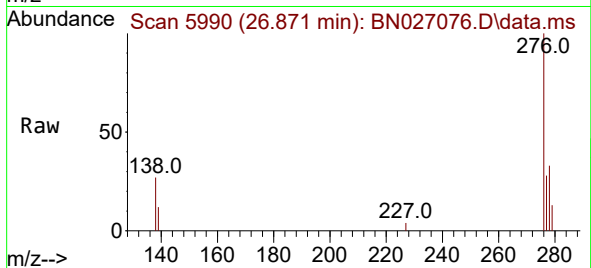
Tgt Ion:278 Resp: 8636

Ion Ratio Lower Upper

278 100

139 35.9 15.7 23.5#

279 39.3 20.2 30.4#



#29

Benzo(g,h,i)perylene

Concen: 0.326 ng/ul

RT: 27.686 min Scan# 6233

Delta R.T. -0.010 min

Lab File: BN027076.D

Acq: 24 Aug 2023 00:00

Tgt Ion:276 Resp: 39946

Ion Ratio Lower Upper

276 100

138 25.2 19.3 28.9

277 25.6 19.8 29.8

