

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026679.D
 Acq On : 23 Jul 2023 16:31
 Operator : MA/JU
 Sample : 03472-09DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 24 00:42:00 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 : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

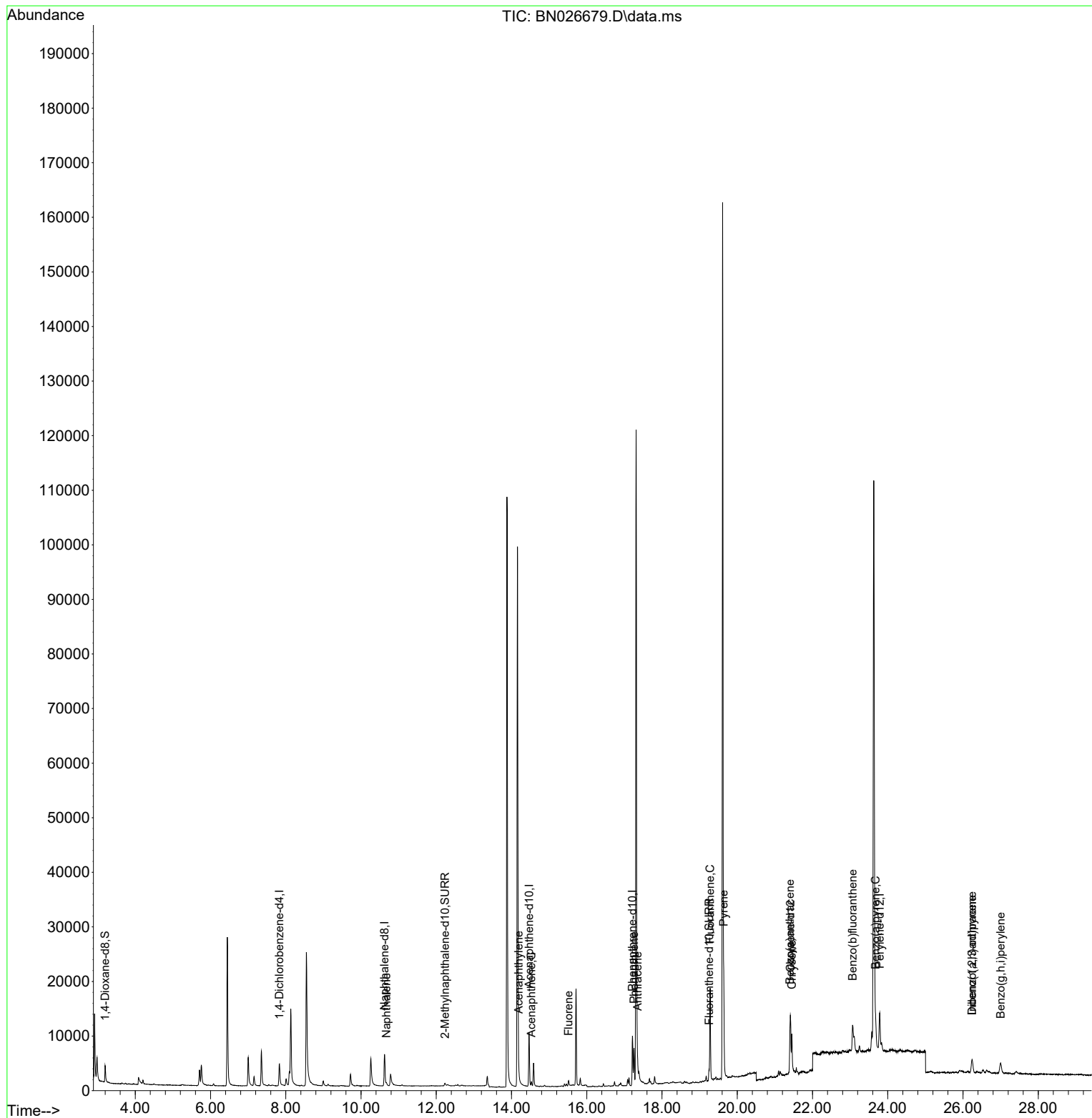
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	2956	0.400	ng/ul	0.00
4) Naphthalene-d8	10.624	136	9493	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.467	164	5809	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	12635	0.400	ng/ul	0.00
17) Chrysene-d12	21.416	240	8577	0.400	ng/ul	0.00
23) Perylene-d12	23.787	264	9833	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	2202	0.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.230	152	1026	0.080	ng/ul	0.01
18) Fluoranthene-d10	19.250	212	2697	0.091	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	618	0.024	ng/ul#	63
10) Acenaphthylene	14.189	152	1215	0.043	ng/ul#	82
11) Acenaphthene	14.527	153	508	0.023	ng/ul#	91
12) Fluorene	15.517	166	789	0.035	ng/ul#	86
15) Phenanthrene	17.257	178	7606	0.189	ng/ul	98
16) Anthracene	17.350	178	2230	0.064	ng/ul#	87
19) Fluoranthene	19.278	202	16787	0.418	ng/ul	97
20) Pyrene	19.640	202	15947	0.365	ng/ul	98
21) Benzo(a)anthracene	21.398	228	7653	0.243	ng/ul#	82
22) Chrysene	21.451	228	6944	0.194	ng/ul#	80
24) Benzo(b)fluoranthene	23.064	252	12807	0.334	ng/ul#	71
26) Benzo(a)pyrene	23.675	252	6725	0.197	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.240	276	4675	0.105	ng/ul#	47
28) Dibenzo(a,h)anthracene	26.240	278	1214	0.035	ng/ul#	1
29) Benzo(g,h,i)perylene	27.001	276	4737	0.120	ng/ul#	77

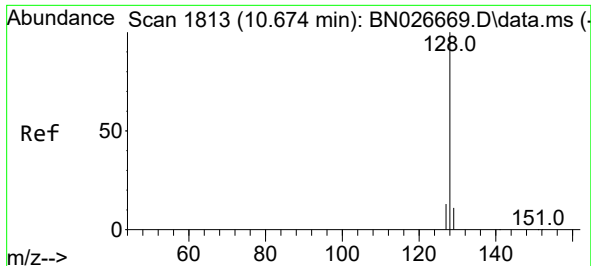
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
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Quant Time: Jul 24 00:42:00 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 : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration

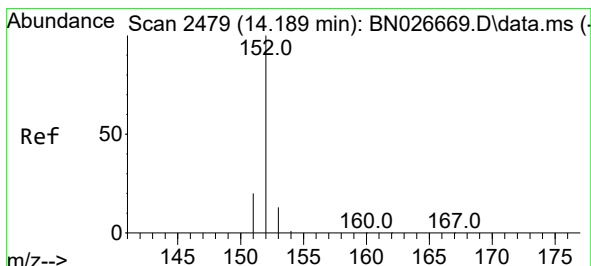
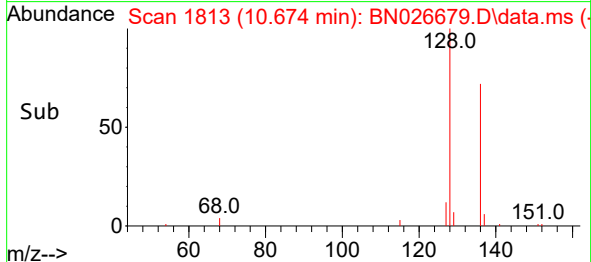
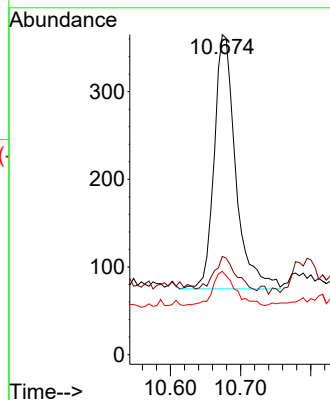
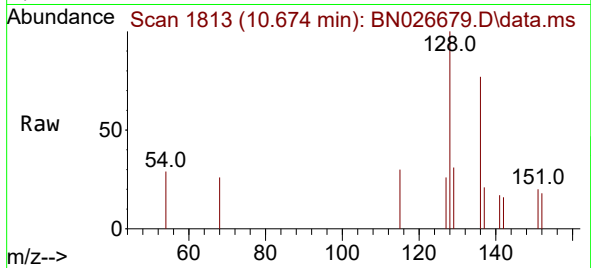




#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. -0.001 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

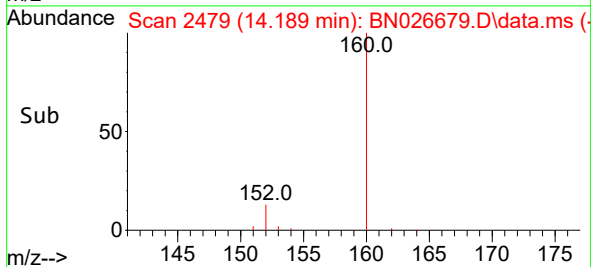
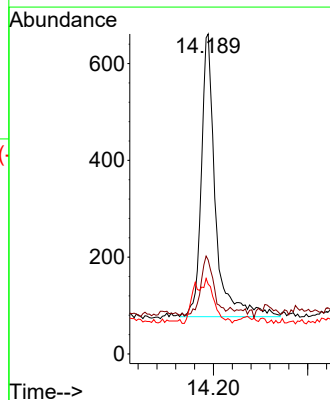
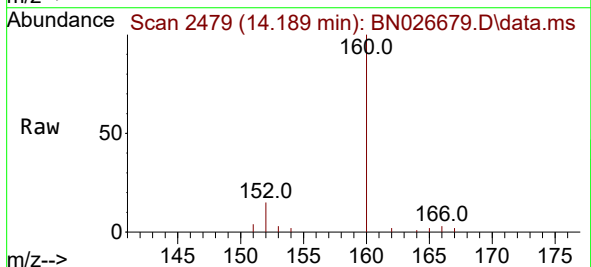
Instrument :
BNA_N
ClientSampleId :

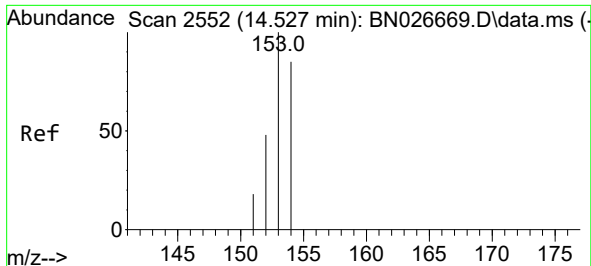
Tgt Ion:128 Resp: 618
Ion Ratio Lower Upper
128 100
129 30.7 10.2 15.2#
127 26.0 11.4 17.0#



#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

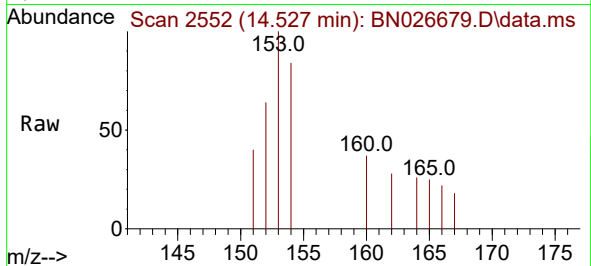
Tgt Ion:152 Resp: 1215
Ion Ratio Lower Upper
152 100
151 29.3 17.0 25.6#
153 21.8 11.4 17.2#



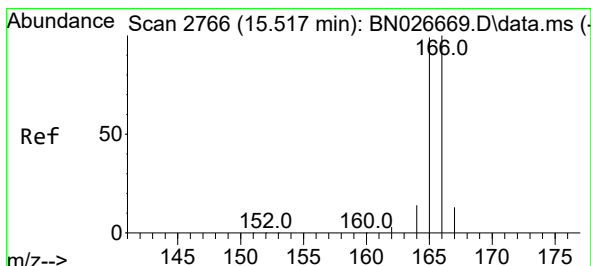
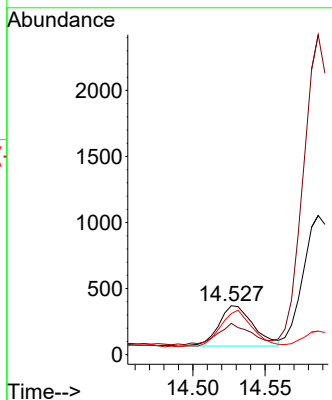
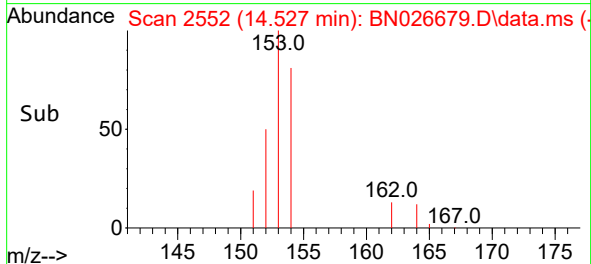


#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. -0.001 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

Instrument :
BNA_N
ClientSampleId :

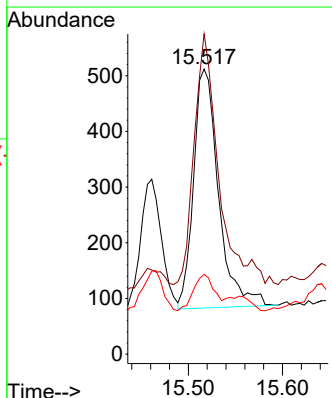
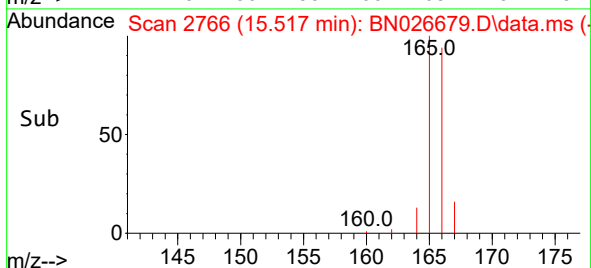
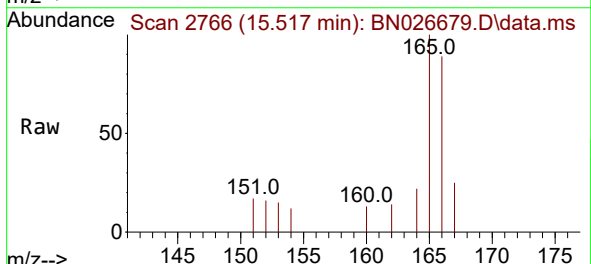


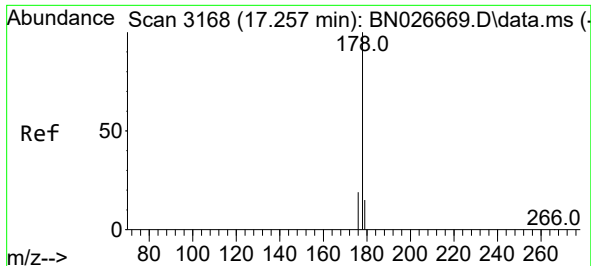
Tgt Ion:153 Resp: 508
Ion Ratio Lower Upper
153 100
152 64.1 40.2 60.4#
154 84.1 69.3 103.9



#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. -0.001 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

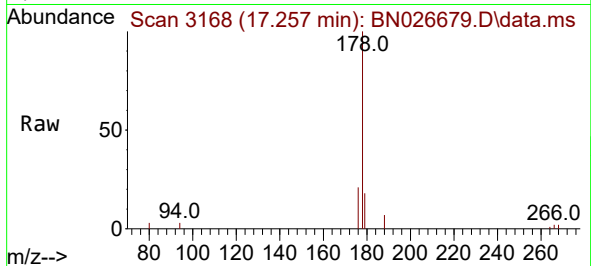
Tgt Ion:166 Resp: 789
Ion Ratio Lower Upper
166 100
165 112.3 80.6 120.8
167 27.9 12.0 18.0#



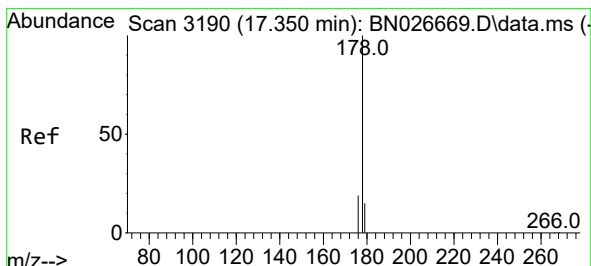
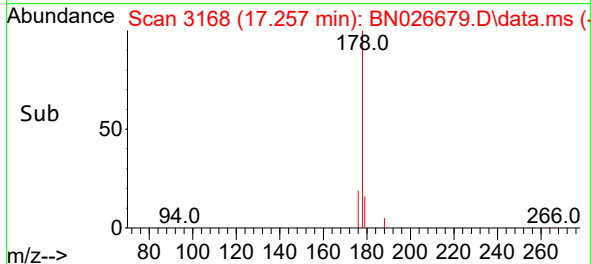
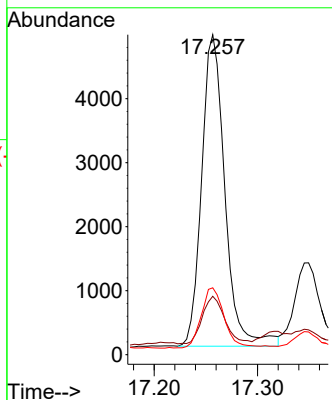


#15
Phenanthrene
Concen: 0.189 ng/ul
RT: 17.257 min Scan# 3168
Delta R.T. -0.001 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

Instrument :
BNA_N
ClientSampleId :

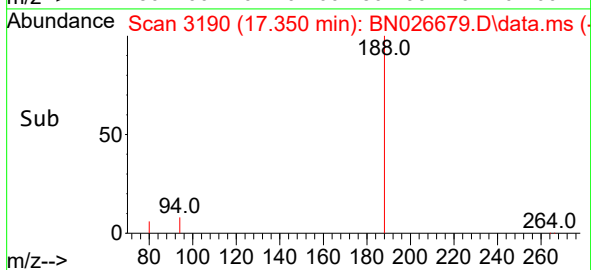
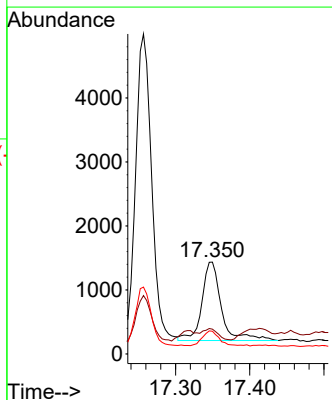
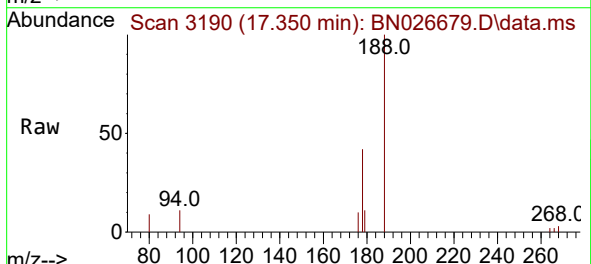


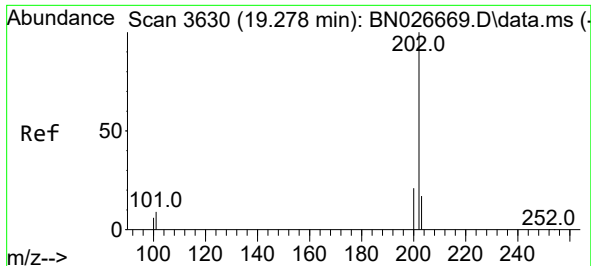
Tgt Ion:178 Resp: 7606
Ion Ratio Lower Upper
178 100
179 18.3 13.7 20.5
176 20.9 16.5 24.7



#16
Anthracene
Concen: 0.064 ng/ul
RT: 17.350 min Scan# 3190
Delta R.T. -0.001 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

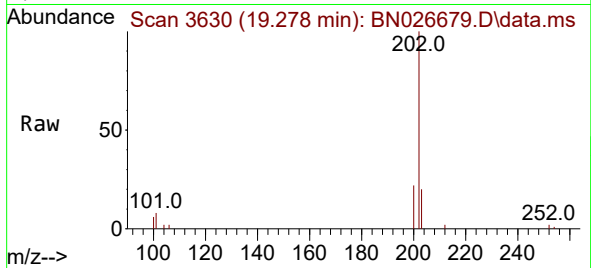
Tgt Ion:178 Resp: 2230
Ion Ratio Lower Upper
178 100
179 27.0 14.8 22.2#
176 24.7 16.6 25.0



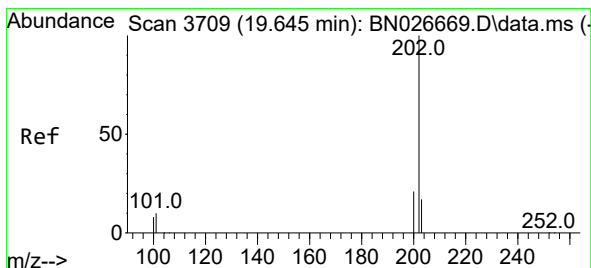
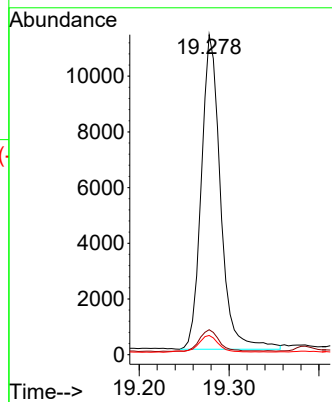
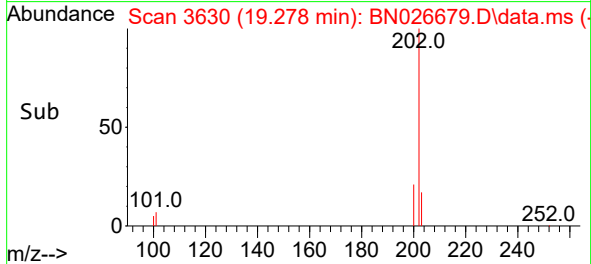


#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.000 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

Instrument :
BNA_N
ClientSampleId :

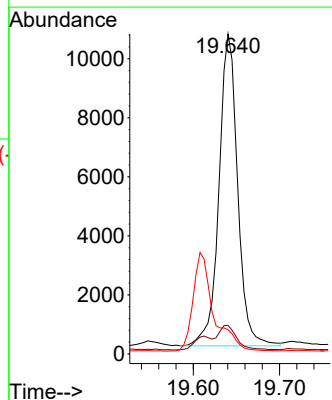
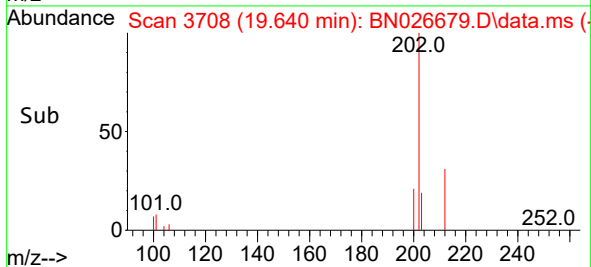
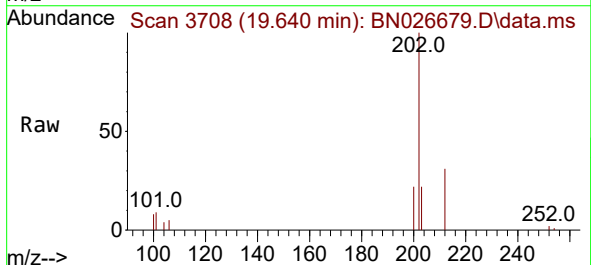


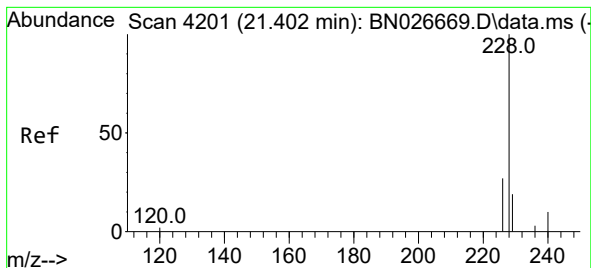
Tgt Ion:202 Resp: 16787
Ion Ratio Lower Upper
202 100
101 7.8 7.0 10.4
100 6.0 6.0 9.0



#20
Pyrene
Concen: 0.365 ng/ul
RT: 19.640 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

Tgt Ion:202 Resp: 15947
Ion Ratio Lower Upper
202 100
101 9.0 8.0 12.0
100 7.6 6.2 9.2





#21

Benzo(a)anthracene

Concen: 0.243 ng/ul

RT: 21.398 min Scan# 4201

Delta R.T. -0.003 min

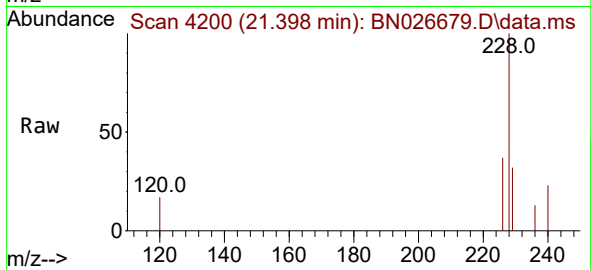
Lab File: BN026679.D

Acq: 23 Jul 2023 16:31

Instrument :

BNA_N

ClientSampleId :



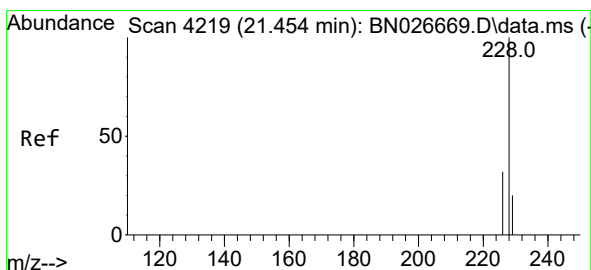
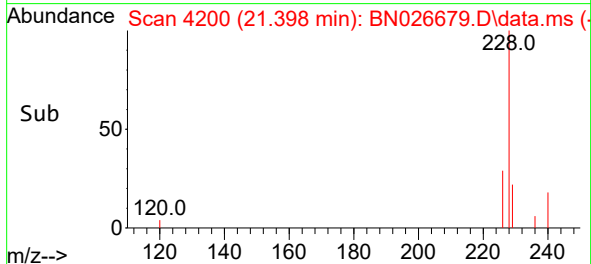
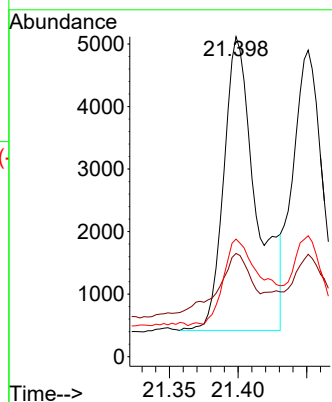
Tgt Ion:228 Resp: 7653

Ion Ratio Lower Upper

228 100

229 32.2 16.7 25.1#

226 36.7 23.5 35.3#



#22

Chrysene

Concen: 0.194 ng/ul

RT: 21.451 min Scan# 4218

Delta R.T. -0.003 min

Lab File: BN026679.D

Acq: 23 Jul 2023 16:31

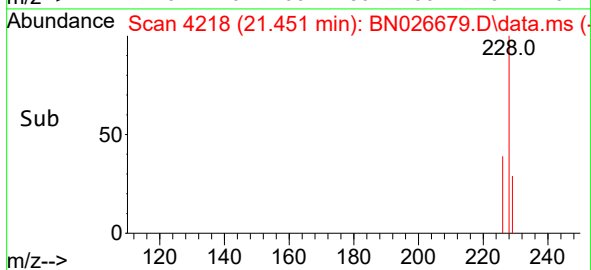
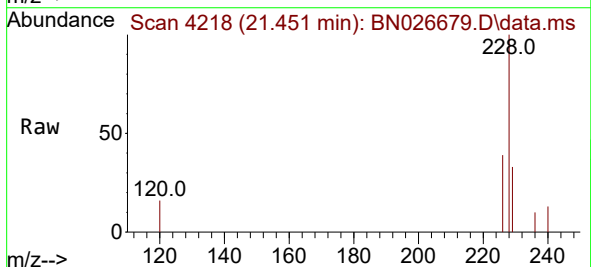
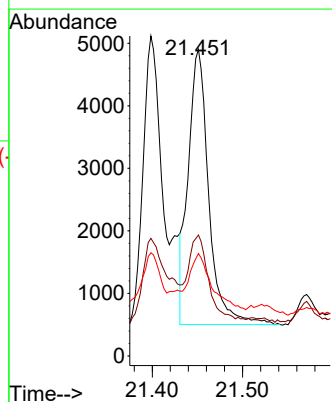
Tgt Ion:228 Resp: 6944

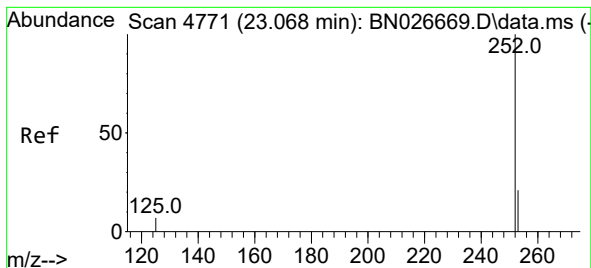
Ion Ratio Lower Upper

228 100

226 39.4 25.2 37.8#

229 33.4 16.4 24.6#





#24

Benzo(b)fluoranthene

Concen: 0.334 ng/ul

RT: 23.064 min Scan# 41

Delta R.T. -0.003 min

Lab File: BN026679.D

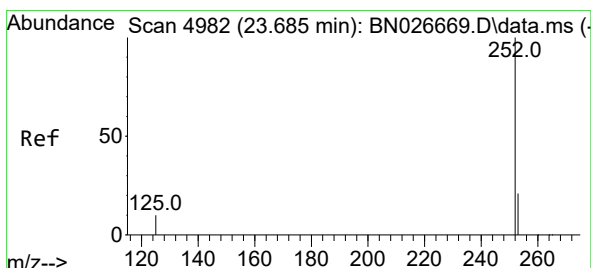
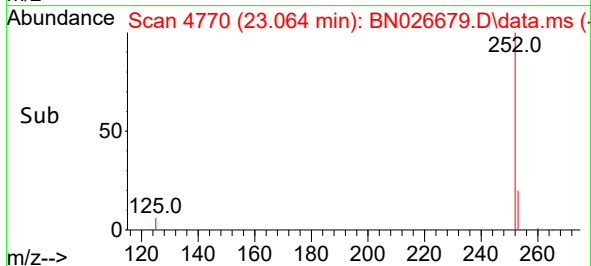
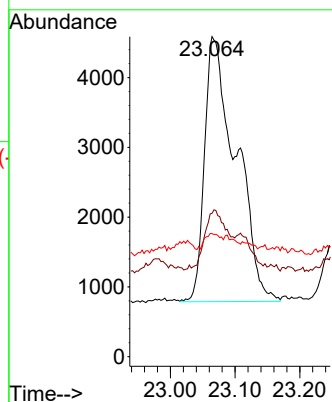
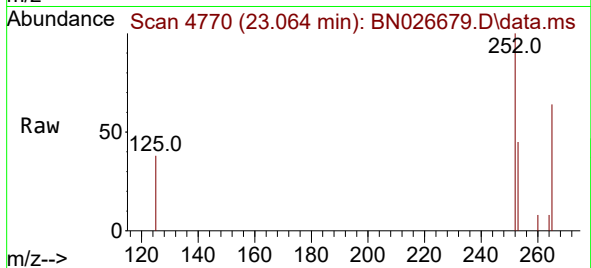
Acq: 23 Jul 2023 16:31

Instrument :

BN026679.D

ClientSampleId :

Tgt Ion:252	Resp:	12807
Ion Ratio	Lower	Upper
252	100	
253	44.8	0.0 68.6
125	38.5	0.0 34.0#



#26

Benzo(a)pyrene

Concen: 0.197 ng/ul

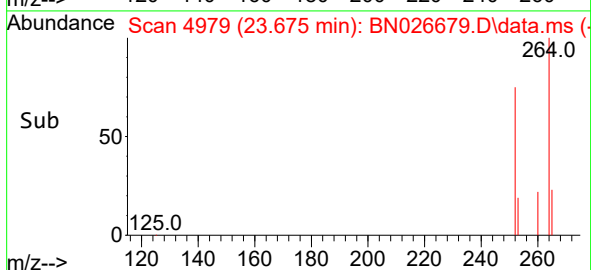
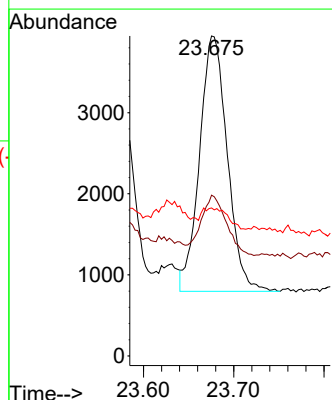
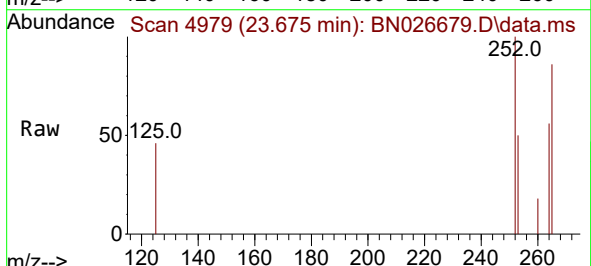
RT: 23.675 min Scan# 4979

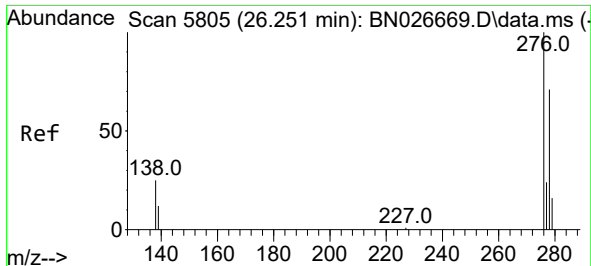
Delta R.T. -0.009 min

Lab File: BN026679.D

Acq: 23 Jul 2023 16:31

Tgt Ion:252	Resp:	6725
Ion Ratio	Lower	Upper
252	100	
253	50.3	32.6 49.0#
125	46.3	19.3 28.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.105 ng/ul

RT: 26.240 min Scan# 5802

Delta R.T. -0.011 min

Lab File: BN026679.D

Acq: 23 Jul 2023 16:31

Instrument :

BNA_N

ClientSampleId :

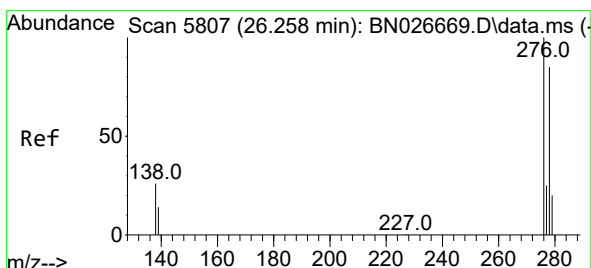
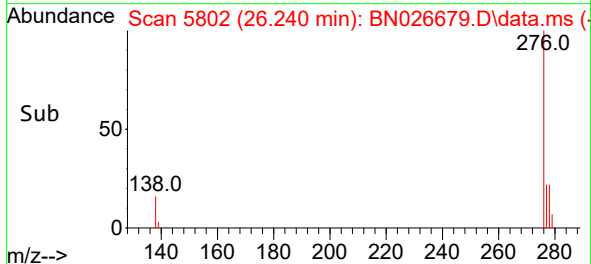
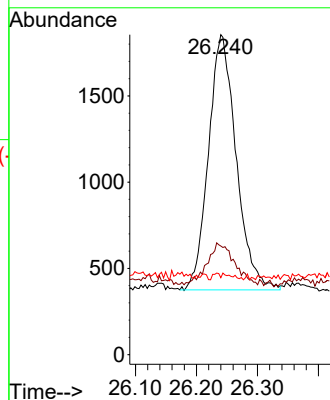
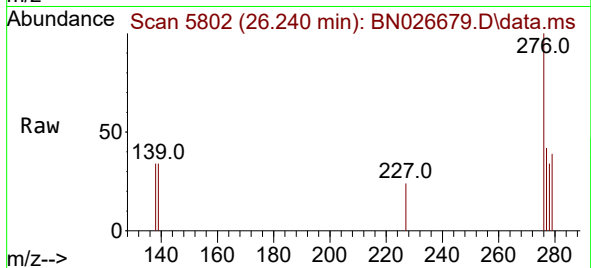
Tgt Ion:276 Resp: 4675

Ion Ratio Lower Upper

276 100

138 0.0 22.2 33.4#

227 0.9 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.035 ng/ul

RT: 26.240 min Scan# 5802

Delta R.T. -0.018 min

Lab File: BN026679.D

Acq: 23 Jul 2023 16:31

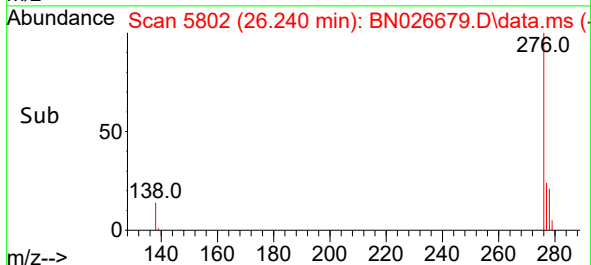
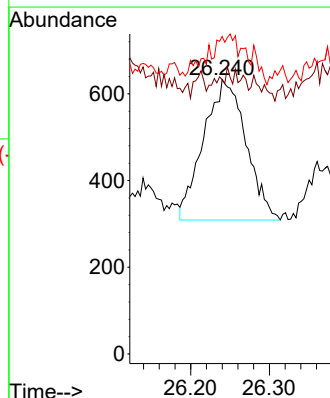
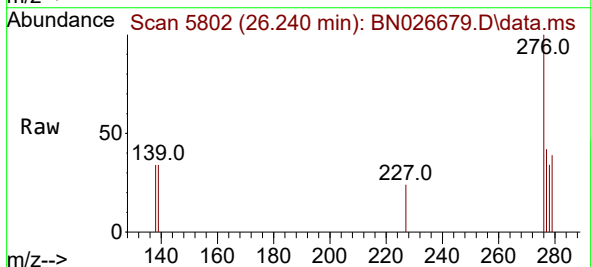
Tgt Ion:278 Resp: 1214

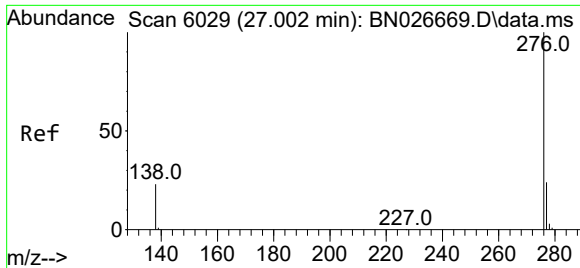
Ion Ratio Lower Upper

278 100

139 100.0 18.9 28.3#

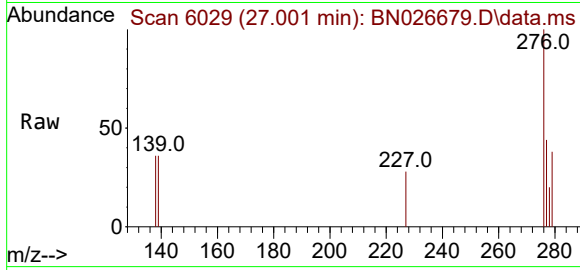
279 115.6 31.3 46.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.120 ng/ul
 RT: 27.001 min Scan# 60
 Delta R.T. -0.001 min
 Lab File: BN026679.D
 Acq: 23 Jul 2023 16:31

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 276 Resp: 4737

Ion	Ratio	Lower	Upper
276	100		
138	35.5	22.6	34.0#
277	43.8	21.8	32.8#

