

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030203.D
 Acq On : 03 Mar 2024 04:57
 Operator : MA/JU
 Sample : P1501-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E10A6

Quant Time: Mar 03 22:50:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 02 16:09:30 2024
 Response via : Initial Calibration

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

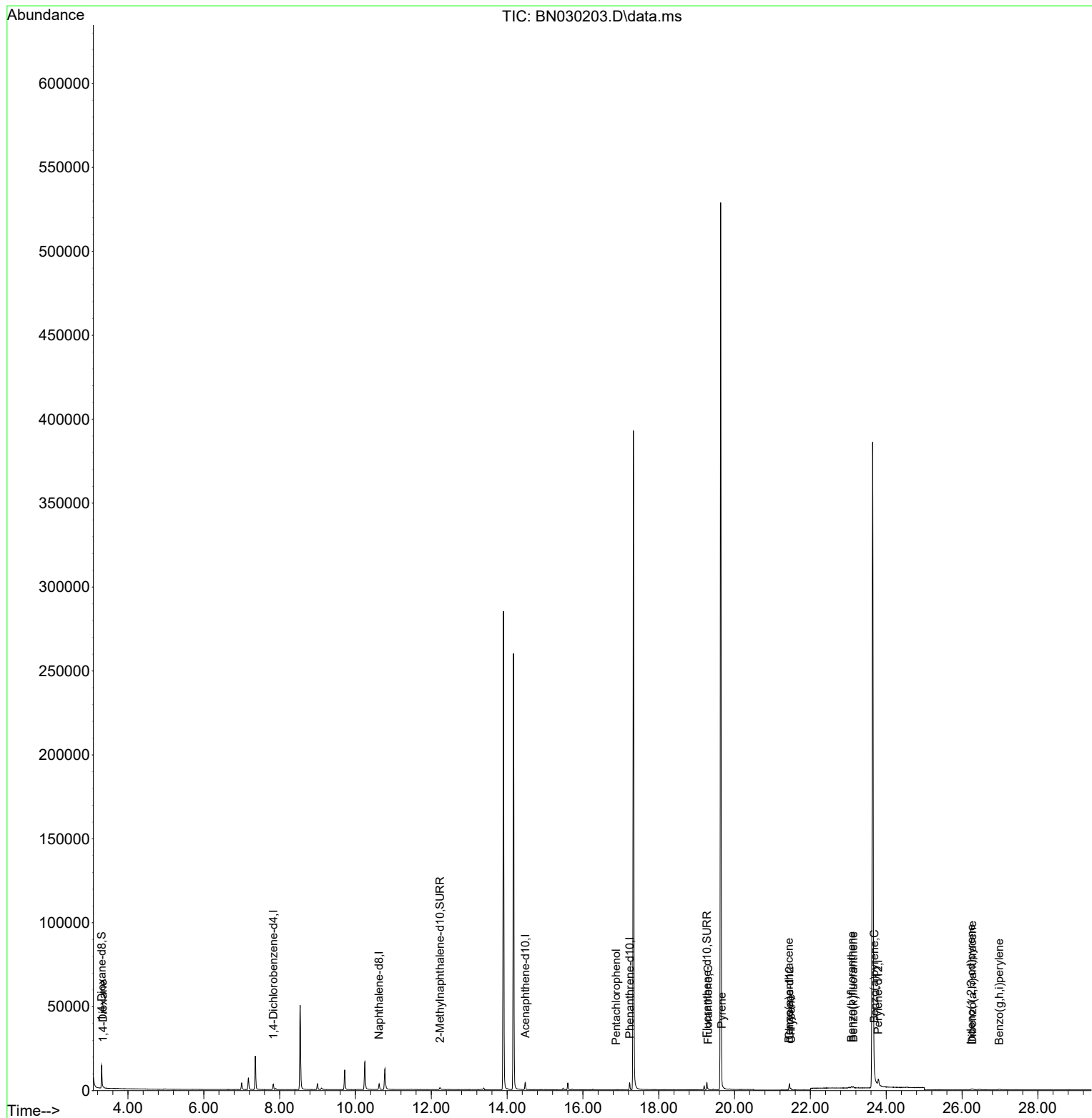
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	1775	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	4709	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.479	164	2452	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.235	188	5150	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.447	240	4378	0.400	ng/ul	# 0.00
23) Perylene-d12	23.788	264	6884	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	9402	3.826	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	1998	0.328	ng/ul	-0.01
18) Fluoranthene-d10	19.272	212	5144	0.361	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	231	0.087	ng/ul#	77
14) Pentachlorophenol	16.880	266	52	0.035	ng/ul	89
19) Fluoranthene	19.305	202	485	0.025	ng/ul#	64
20) Pyrene	19.662	202	465	0.022	ng/ul#	33
21) Benzo(a)anthracene	21.432	228	614	0.040	ng/ul#	87
22) Chrysene	21.485	228	725	0.039	ng/ul#	85
24) Benzo(b)fluoranthene	23.081	252	1122	0.042	ng/ul	56
25) Benzo(k)fluoranthene	23.133	252	1056	0.034	ng/ul#	48
26) Benzo(a)pyrene	23.686	252	864	0.032	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	26.242	276	1131	0.033	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.272	278	800	0.030	ng/ul#	22
29) Benzo(g,h,i)perylene	26.983	276	1014	0.032	ng/ul#	75

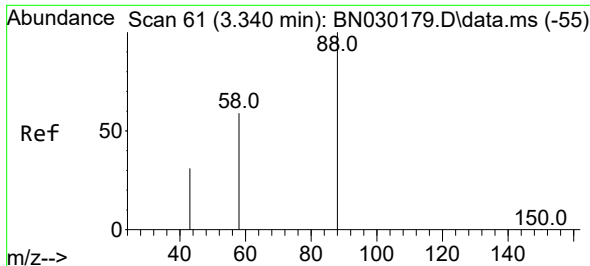
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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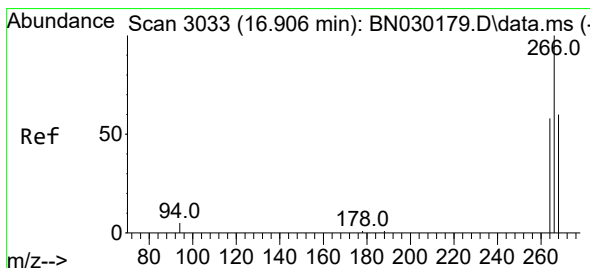
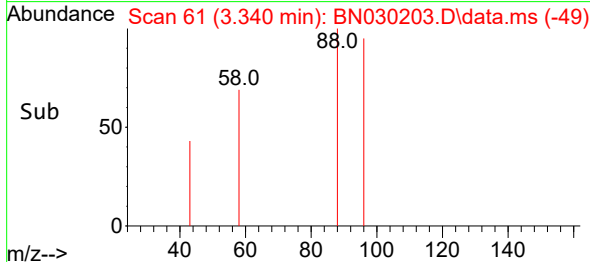
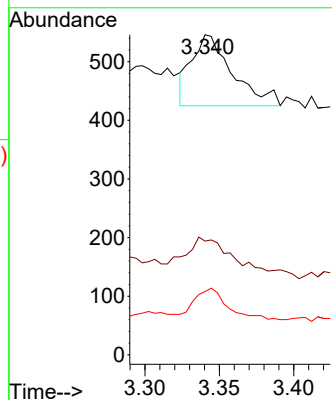
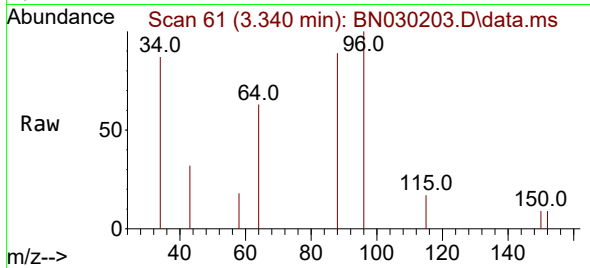




#2
 1,4-Dioxane
 Concen: 0.087 ng/ul
 RT: 3.340 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN030203.D
 Acq: 03 Mar 2024 04:57

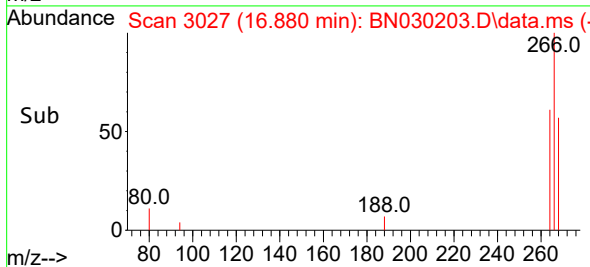
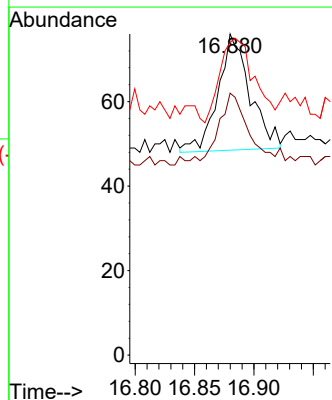
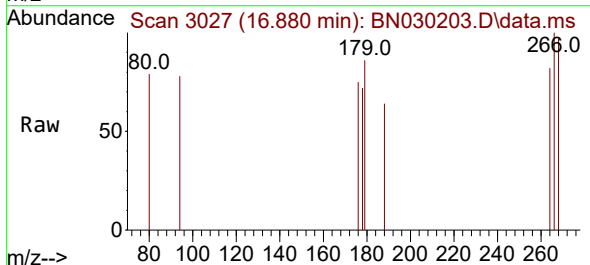
Instrument :
 BNA_N
 ClientSampleId :
 E10A6

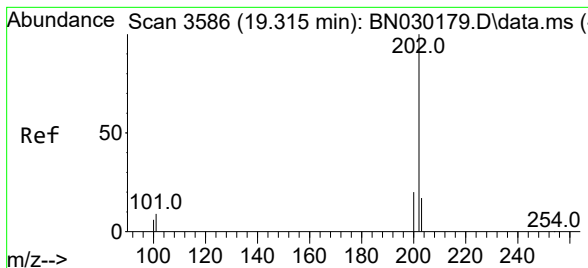
Tgt Ion: 88 Resp: 231
 Ion Ratio Lower Upper
 88 100
 43 35.5 25.7 38.5
 58 19.8 33.8 50.8#



#14
 Pentachlorophenol
 Concen: 0.035 ng/ul
 RT: 16.880 min Scan# 3027
 Delta R.T. -0.026 min
 Lab File: BN030203.D
 Acq: 03 Mar 2024 04:57

Tgt Ion: 266 Resp: 52
 Ion Ratio Lower Upper
 266 100
 264 55.8 49.8 74.8
 268 76.9 53.4 80.2





#19

Fluoranthene

Concen: 0.025 ng/ul

RT: 19.305 min Scan# 3584

Delta R.T. -0.010 min

Lab File: BN030203.D

Acq: 03 Mar 2024 04:57

Instrument :

BNA_N

ClientSampleId :

E10A6

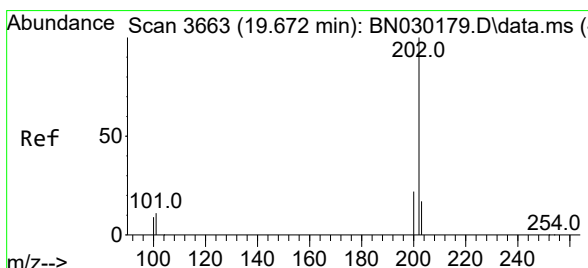
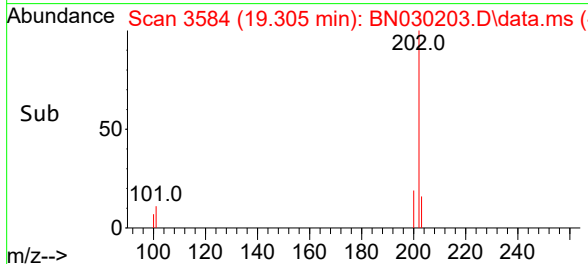
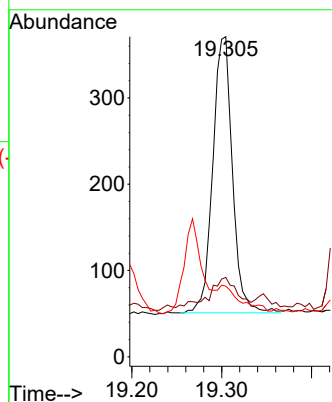
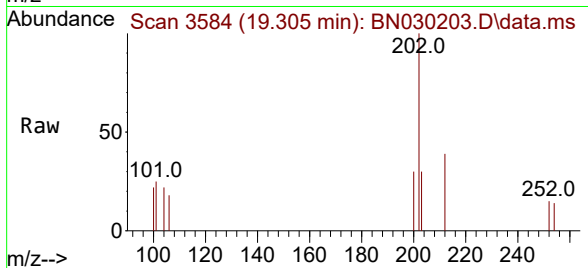
Tgt Ion:202 Resp: 485

Ion Ratio Lower Upper

202 100

101 24.8 8.8 13.2#

100 22.1 7.4 11.2#



#20

Pyrene

Concen: 0.022 ng/ul

RT: 19.662 min Scan# 3661

Delta R.T. -0.010 min

Lab File: BN030203.D

Acq: 03 Mar 2024 04:57

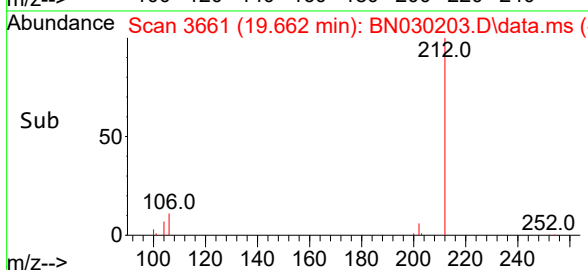
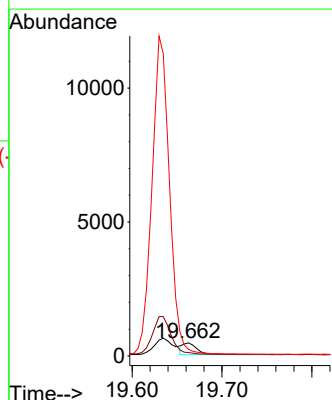
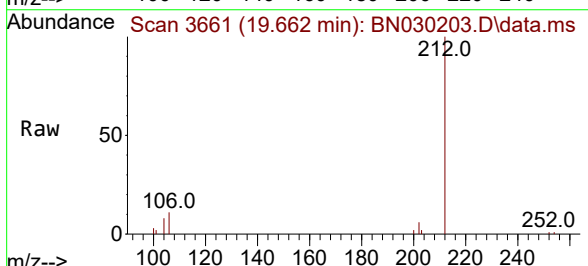
Tgt Ion:202 Resp: 465

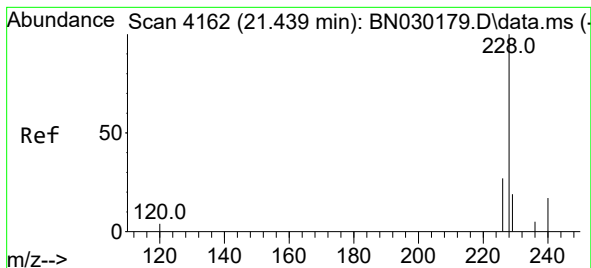
Ion Ratio Lower Upper

202 100

101 26.2 10.6 15.8#

100 51.9 8.8 13.2#





#21

Benzo(a)anthracene

Concen: 0.040 ng/ul

RT: 21.432 min Scan# 41

Delta R.T. -0.007 min

Lab File: BN030203.D

Acq: 03 Mar 2024 04:57

Instrument :

BNA_N

ClientSampleId :

E10A6

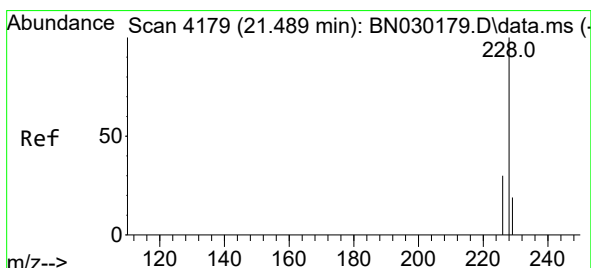
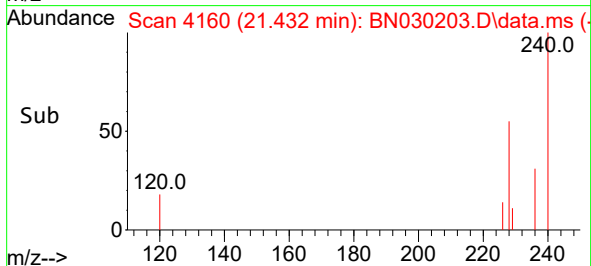
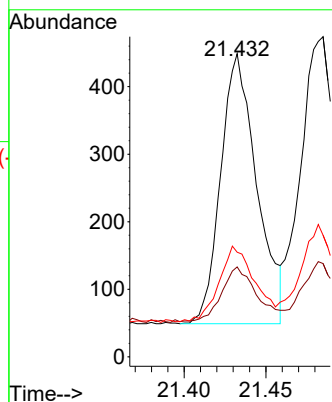
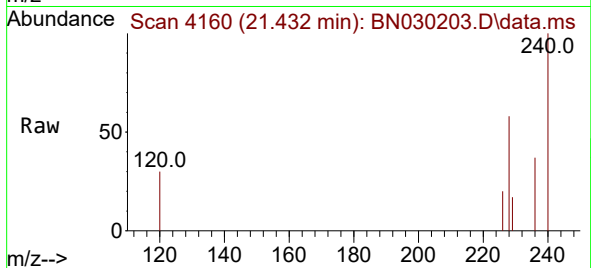
Tgt Ion:228 Resp: 614

Ion Ratio Lower Upper

228 100

229 29.6 16.6 24.8#

226 34.5 23.7 35.5



#22

Chrysene

Concen: 0.039 ng/ul

RT: 21.485 min Scan# 4178

Delta R.T. -0.004 min

Lab File: BN030203.D

Acq: 03 Mar 2024 04:57

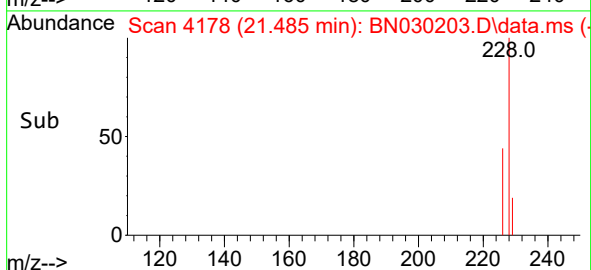
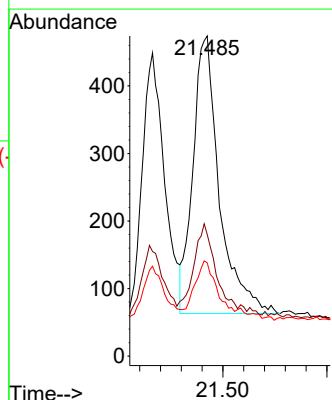
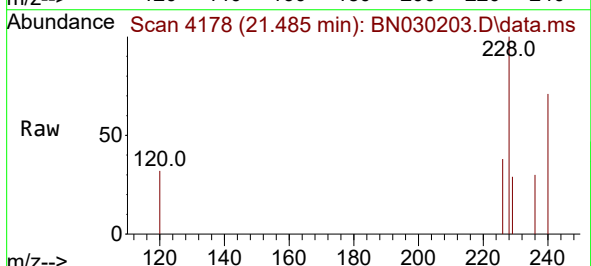
Tgt Ion:228 Resp: 725

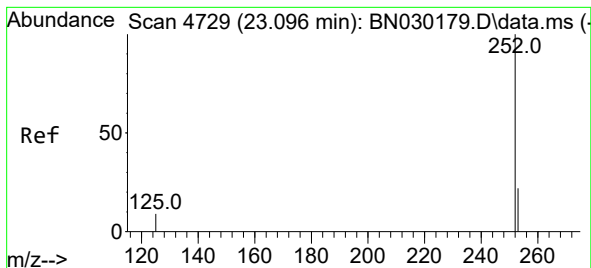
Ion Ratio Lower Upper

228 100

226 38.0 24.6 37.0#

229 29.1 16.6 24.8#





#24

Benzo(b)fluoranthene

Concen: 0.042 ng/ul

RT: 23.081 min Scan# 4724

Delta R.T. -0.015 min

Lab File: BN030203.D

Acq: 03 Mar 2024 04:57

Instrument :

BNA_N

ClientSampleId :

E10A6

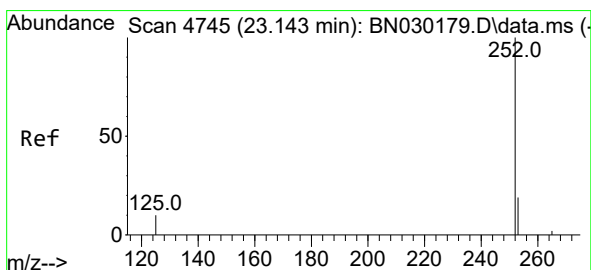
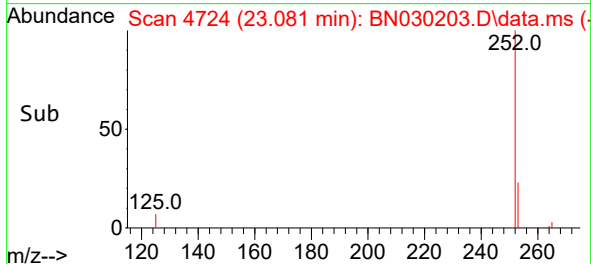
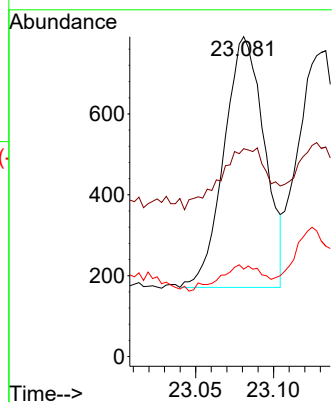
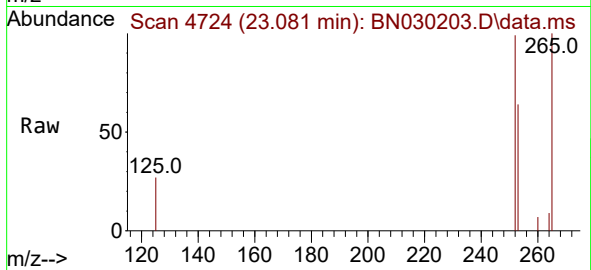
Tgt Ion:252 Resp: 1122

Ion Ratio Lower Upper

252 100

253 65.0 0.0 69.4

125 27.3 0.0 32.8



#25

Benzo(k)fluoranthene

Concen: 0.034 ng/ul

RT: 23.133 min Scan# 4742

Delta R.T. -0.009 min

Lab File: BN030203.D

Acq: 03 Mar 2024 04:57

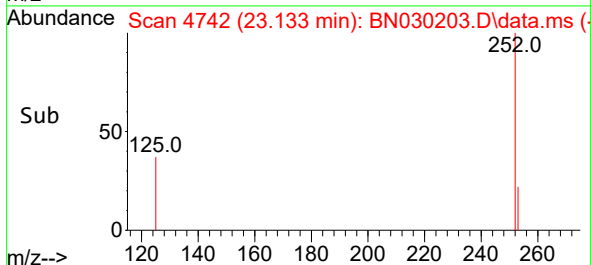
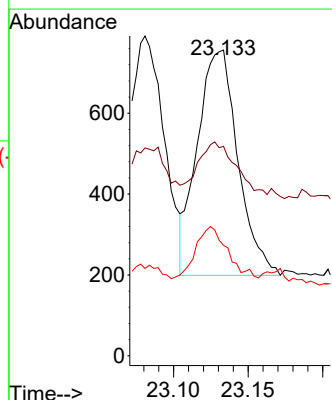
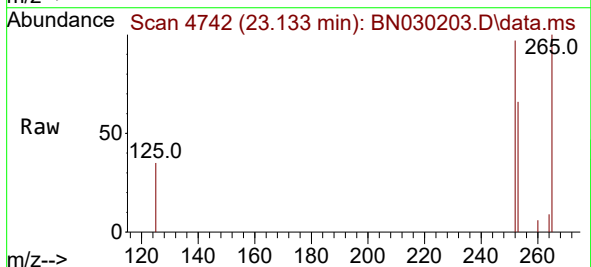
Tgt Ion:252 Resp: 1056

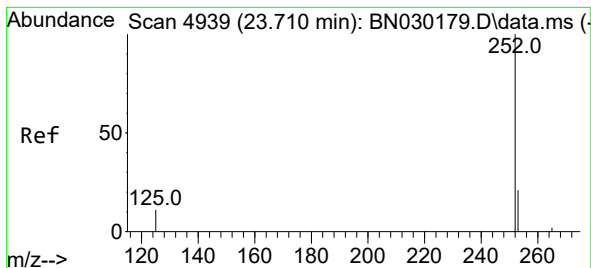
Ion Ratio Lower Upper

252 100

253 68.5 28.0 42.0#

125 36.1 14.4 21.6#





#26

Benzo(a)pyrene

Concen: 0.032 ng/ul

RT: 23.686 min Scan# 4931

Delta R.T. -0.024 min

Lab File: BN030203.D

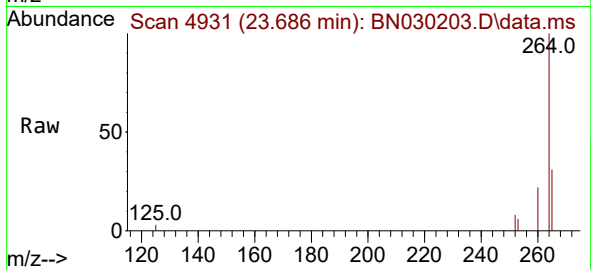
Acq: 03 Mar 2024 04:57

Instrument :

BNA_N

ClientSampleId :

E10A6



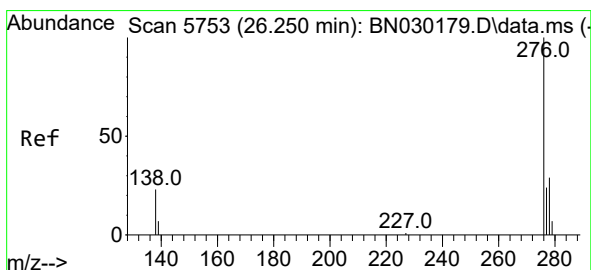
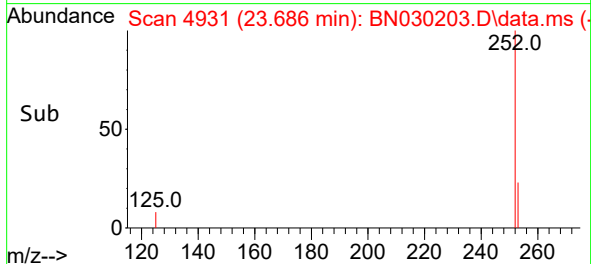
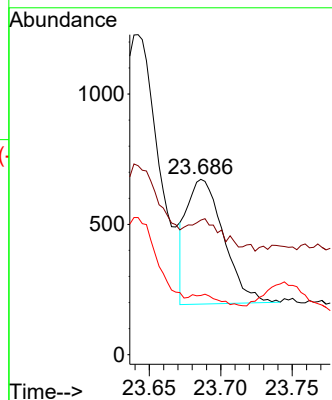
Tgt Ion:252 Resp: 864

Ion Ratio Lower Upper

252 100

253 76.7 33.0 49.4#

125 33.7 16.9 25.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.033 ng/ul

RT: 26.242 min Scan# 5751

Delta R.T. -0.007 min

Lab File: BN030203.D

Acq: 03 Mar 2024 04:57

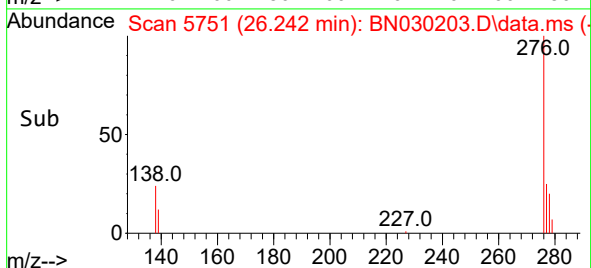
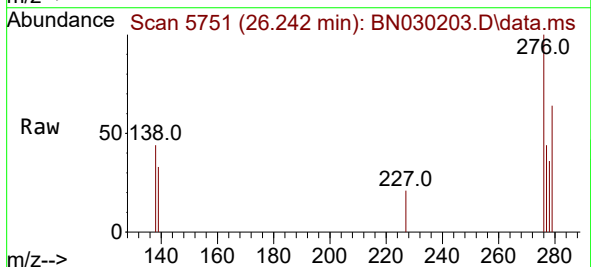
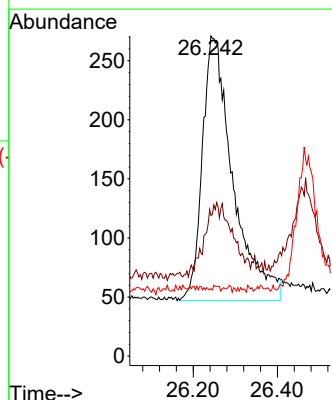
Tgt Ion:276 Resp: 1131

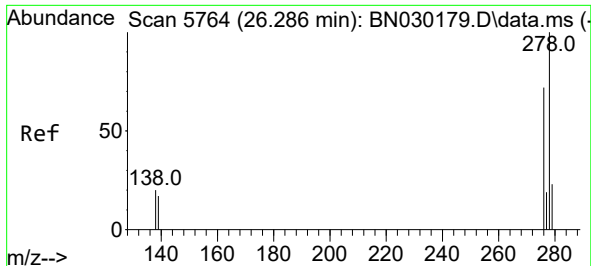
Ion Ratio Lower Upper

276 100

138 26.7 20.9 31.3

227 0.4 0.1 0.1#

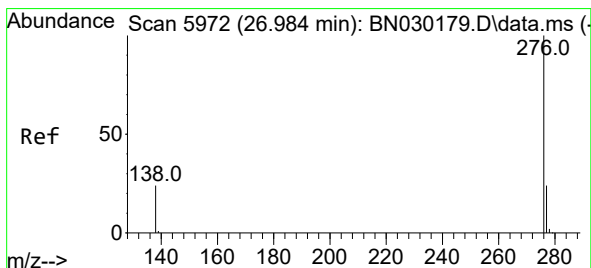
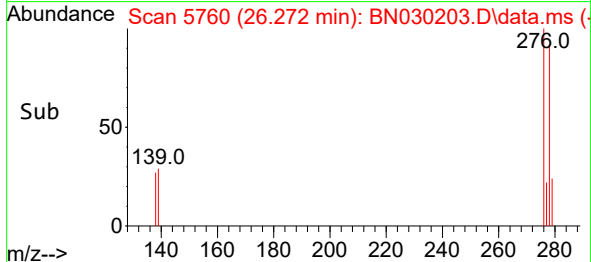
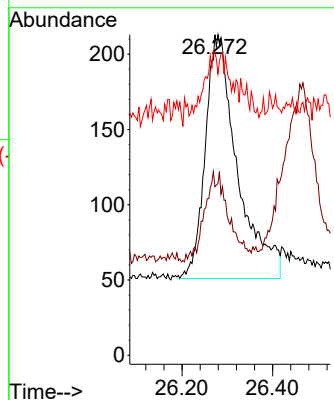
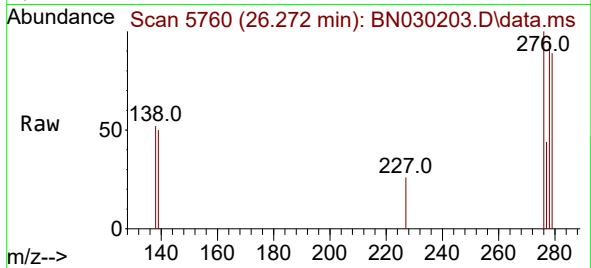




#28
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 26.272 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN030203.D
Acq: 03 Mar 2024 04:57

Instrument :
BNA_N
ClientSampleId :
E10A6

Tgt Ion:278 Resp: 800
Ion Ratio Lower Upper
278 100
139 52.6 18.9 28.3#
279 94.4 31.8 47.6#



#29
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 26.983 min Scan# 5972
Delta R.T. -0.001 min
Lab File: BN030203.D
Acq: 03 Mar 2024 04:57

Tgt Ion:276 Resp: 1014
Ion Ratio Lower Upper
276 100
138 39.9 22.6 33.8#
277 41.7 21.9 32.9#

