

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022321.D
 Acq On : 25 Oct 2022 12:10
 Operator : CG/JU
 Sample : N5070-10DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 27 05:13:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

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

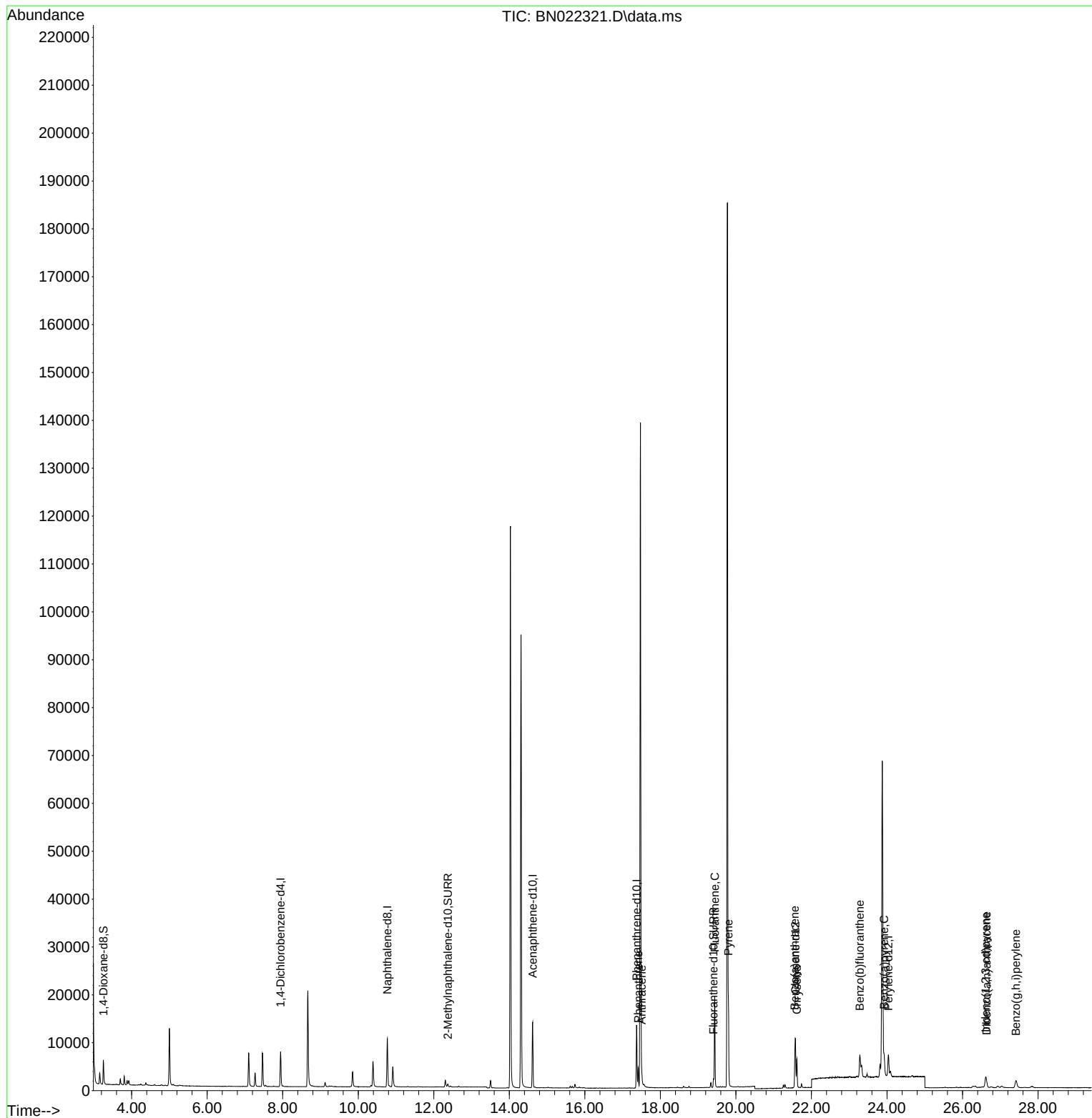
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	3914	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	13796	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	7762	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.370	188	14638	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	8018	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	6373	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	3377	0.664	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	878	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	1752	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.412	178	4407	0.090	ng/ul	97
16) Anthracene	17.505	178	1205	0.029	ng/ul#	85
19) Fluoranthene	19.440	202	15840	0.431	ng/ul	99
20) Pyrene	19.802	202	13863	0.376	ng/ul	99
21) Benzo(a)anthracene	21.559	228	5408	0.180	ng/ul	96
22) Chrysene	21.614	228	6099	0.192	ng/ul	97
24) Benzo(b)fluoranthene	23.280	252	10867	0.340	ng/ul	81
26) Benzo(a)pyrene	23.923	252	5186	0.203	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.615	276	4011	0.126	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.635	278	842	0.033	ng/ul#	24
29) Benzo(g,h,i)perylene	27.417	276	3451	0.134	ng/ul#	89

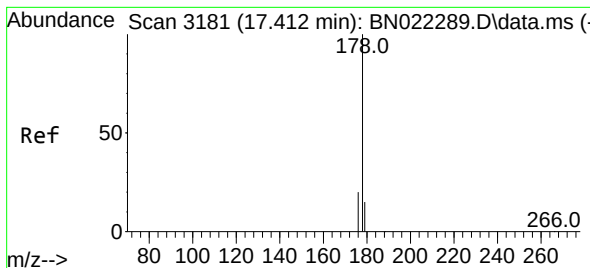
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#15

Phenanthrene

Concen: 0.090 ng/u1

RT: 17.412 min Scan# 3181

Delta R.T. -0.004 min

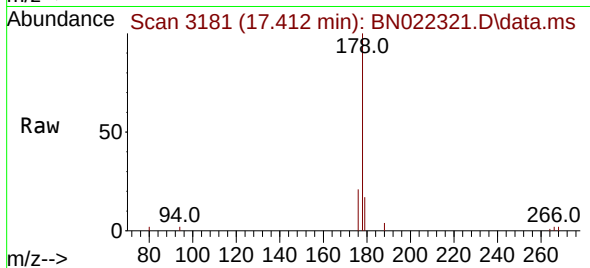
Lab File: BN022321.D

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Instrument :

BNA_N

ClientSampleId :



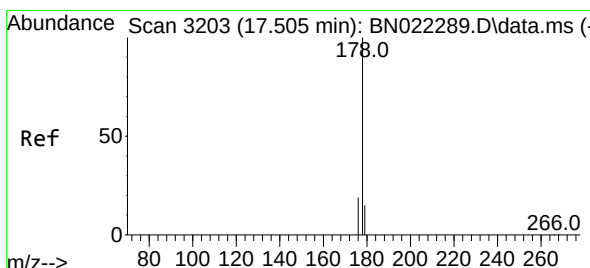
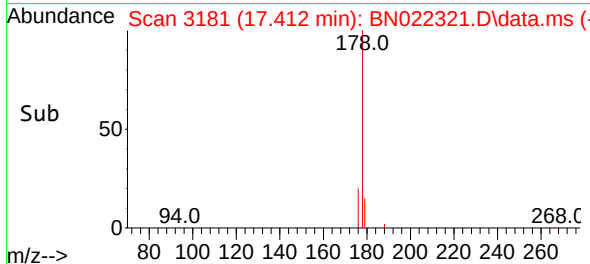
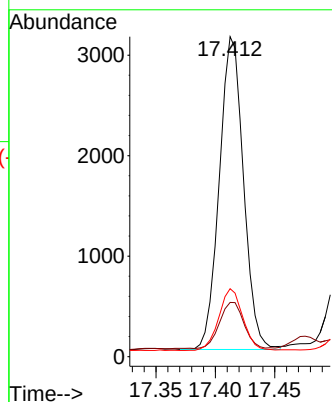
Tgt Ion:178 Resp: 4407

Ion Ratio Lower Upper

178 100

179 16.9 12.7 19.1

176 21.3 15.4 23.2



#16

Anthracene

Concen: 0.029 ng/u1

RT: 17.505 min Scan# 3203

Delta R.T. -0.004 min

Lab File: BN022321.D

Acq: 25 Oct 2022 12:10

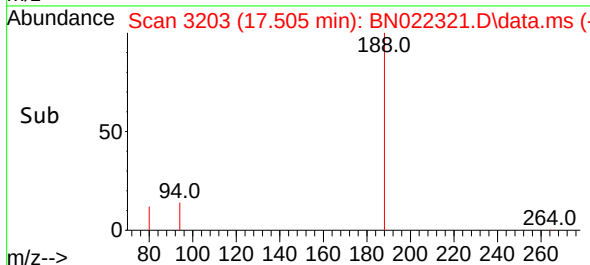
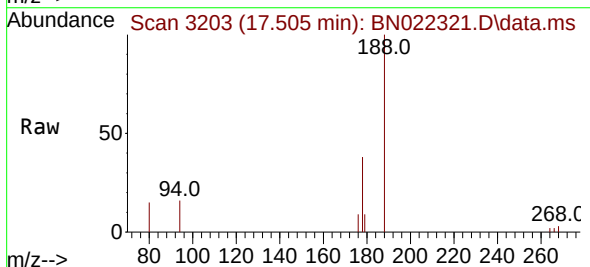
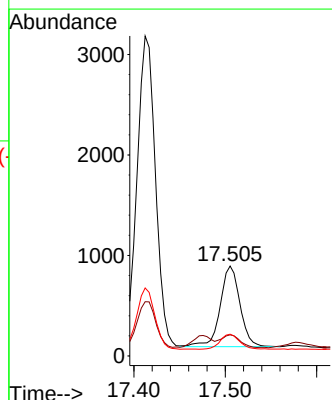
Tgt Ion:178 Resp: 1205

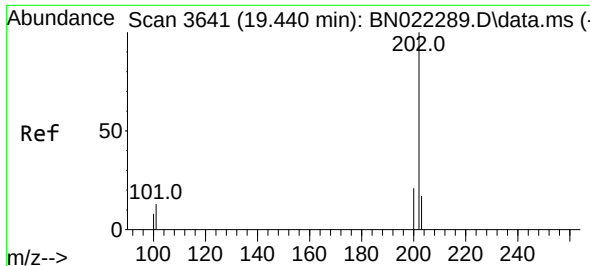
Ion Ratio Lower Upper

178 100

179 23.5 12.6 18.8#

176 24.2 15.0 22.6#

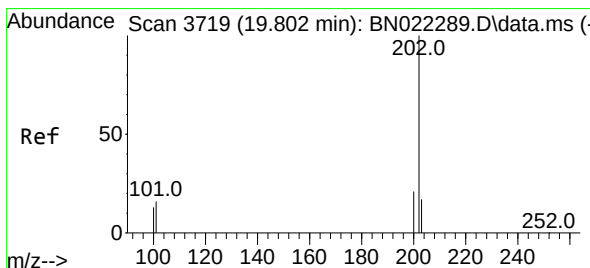
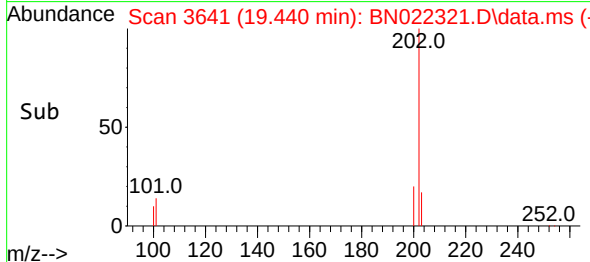
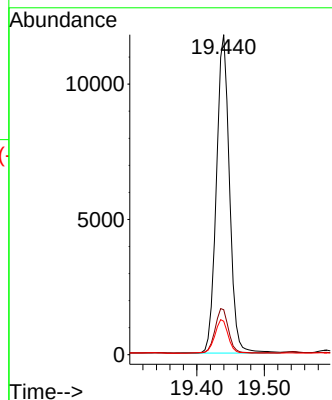
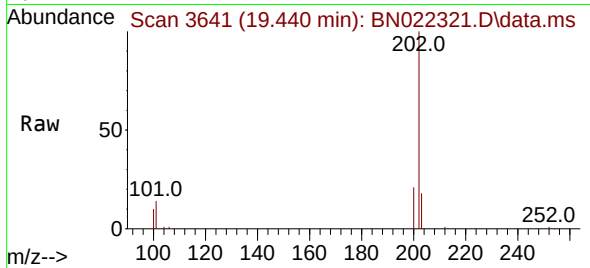




#19
Fluoranthene
Concen: 0.431 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BN022321.D
Acq: 25 Oct 2022 12:10

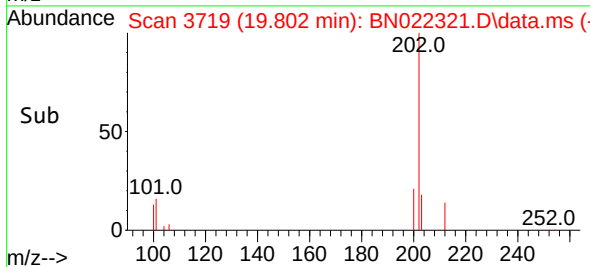
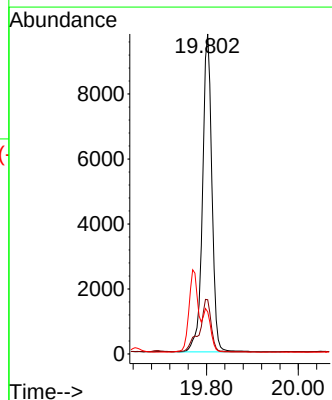
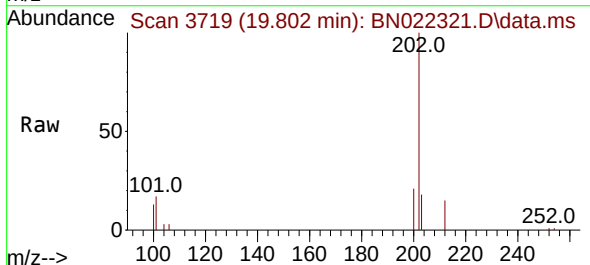
Instrument :
BNA_N
ClientSampleId :

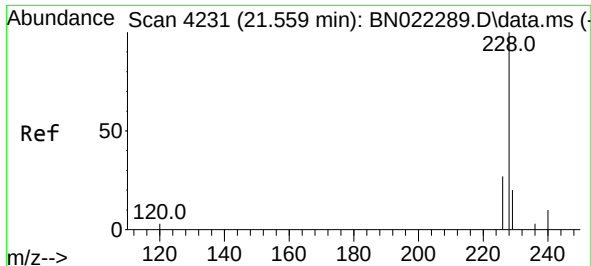
Tgt Ion:202 Resp: 15840
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 10.4 8.7 13.1



#20
Pyrene
Concen: 0.376 ng/ul
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022321.D
Acq: 25 Oct 2022 12:10

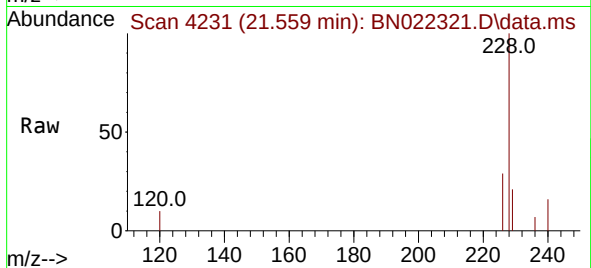
Tgt Ion:202 Resp: 13863
Ion Ratio Lower Upper
202 100
101 17.0 13.1 19.7
100 13.2 10.6 16.0



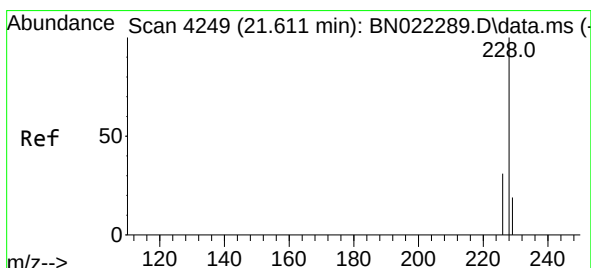
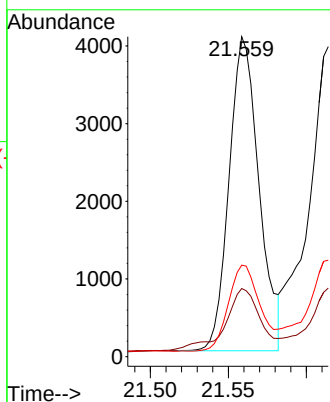
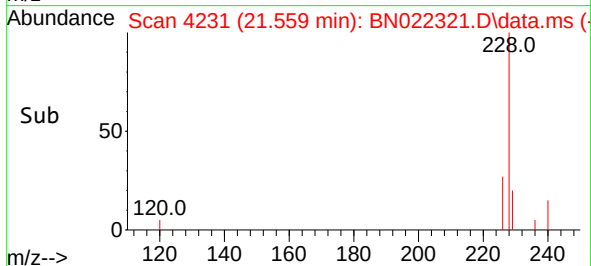


#21
Benzo(a)anthracene
Concen: 0.180 ng/ul
RT: 21.559 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN022321.D
Acq: 25 Oct 2022 12:10

Instrument :
BNA_N
ClientSampleId :

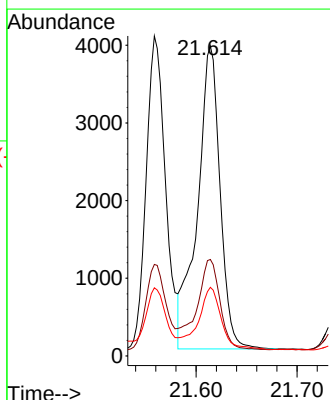
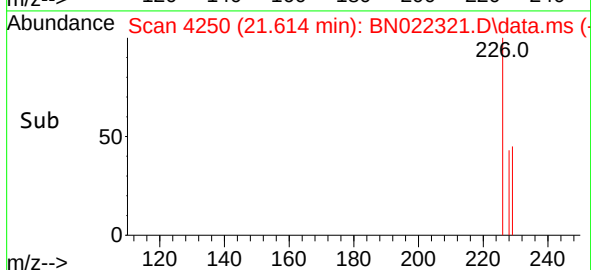
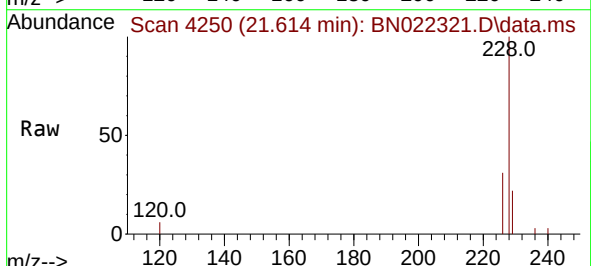


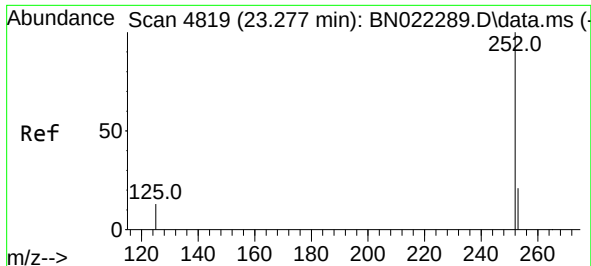
Tgt Ion:228 Resp: 5408
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 28.6 21.5 32.3



#22
Chrysene
Concen: 0.192 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. 0.003 min
Lab File: BN022321.D
Acq: 25 Oct 2022 12:10

Tgt Ion:228 Resp: 6099
Ion Ratio Lower Upper
228 100
226 31.1 23.9 35.9
229 22.1 15.9 23.9

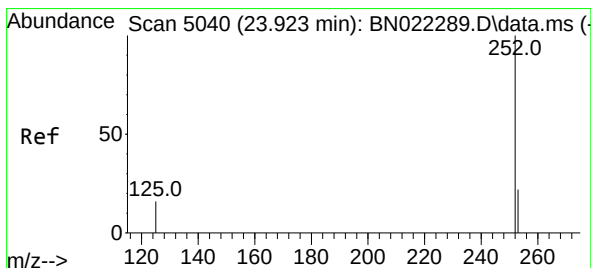
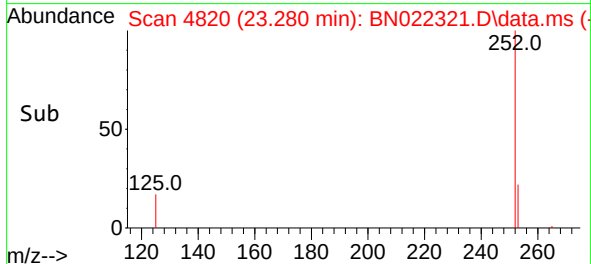
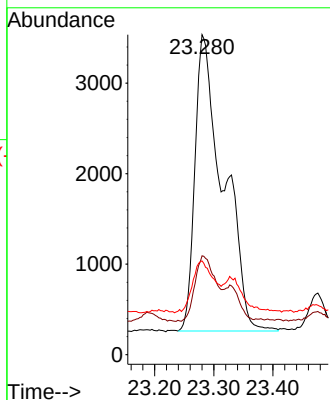
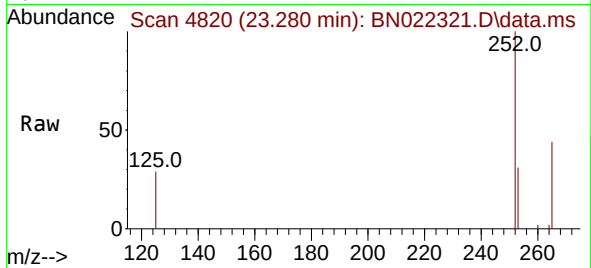




#24
Benzo(b)fluoranthene
Concen: 0.340 ng/ul
RT: 23.280 min Scan# 4819
Delta R.T. 0.003 min
Lab File: BN022321.D
Acq: 25 Oct 2022 12:10

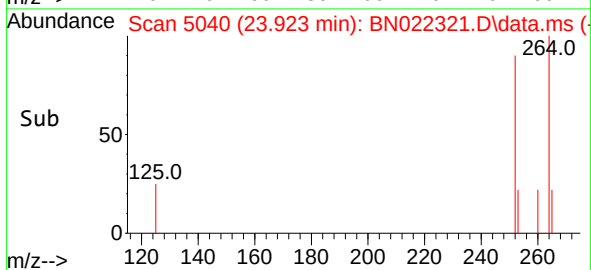
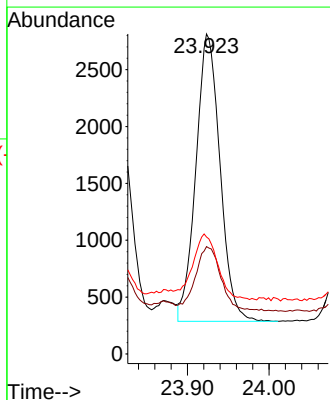
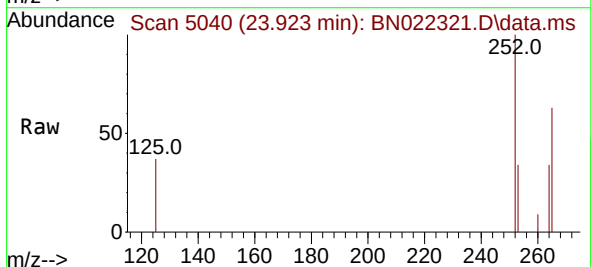
Instrument :
BNA_N
ClientSampleId :

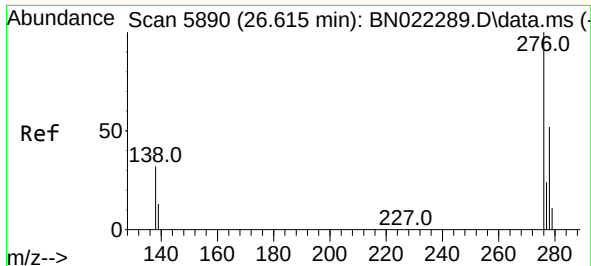
Tgt Ion:252 Resp: 10867
Ion Ratio Lower Upper
252 100
253 30.9 0.0 49.0
125 29.3 0.0 35.2



#26
Benzo(a)pyrene
Concen: 0.203 ng/ul
RT: 23.923 min Scan# 5040
Delta R.T. 0.003 min
Lab File: BN022321.D
Acq: 25 Oct 2022 12:10

Tgt Ion:252 Resp: 5186
Ion Ratio Lower Upper
252 100
253 33.6 21.0 31.6#
125 36.6 17.9 26.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.126 ng/ul

RT: 26.615 min Scan# 5890

Delta R.T. -0.000 min

Lab File: BN022321.D

Acq: 25 Oct 2022 12:10

Instrument :

BNA_N

ClientSampleId :

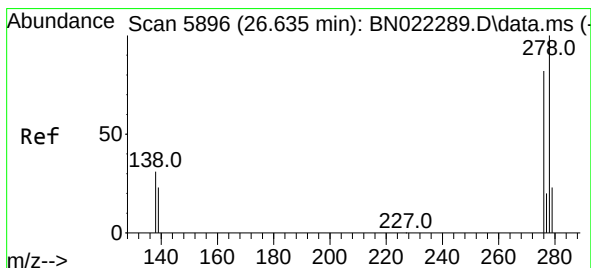
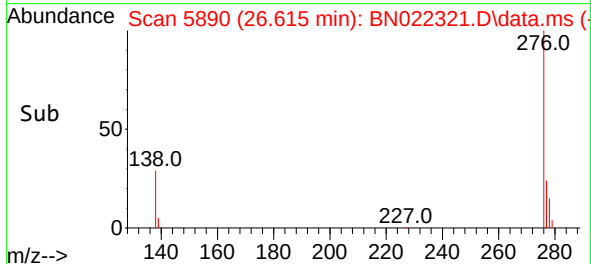
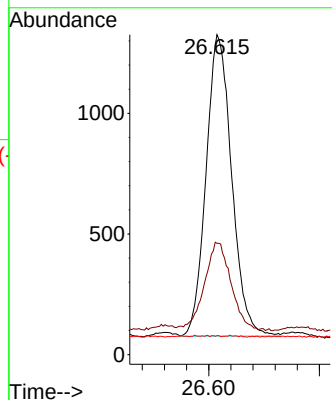
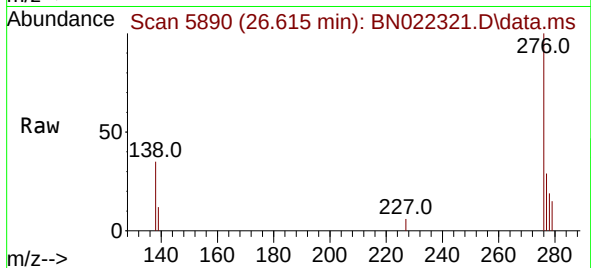
Tgt Ion:276 Resp: 4011

Ion Ratio Lower Upper

276 100

138 29.7 27.7 41.5

227 0.0 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.033 ng/ul

RT: 26.635 min Scan# 5896

Delta R.T. -0.003 min

Lab File: BN022321.D

Acq: 25 Oct 2022 12:10

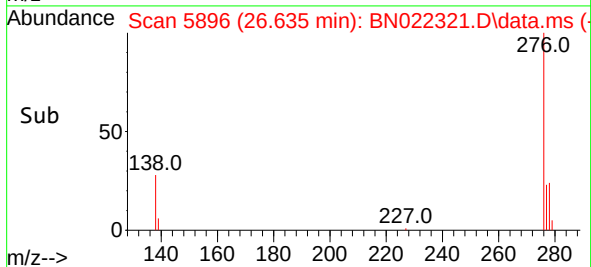
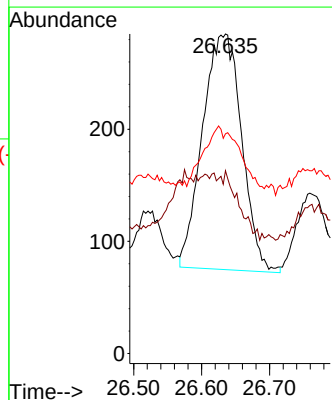
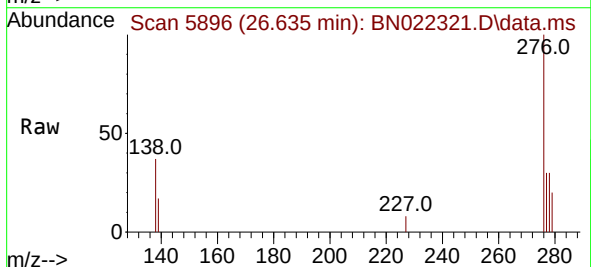
Tgt Ion:278 Resp: 842

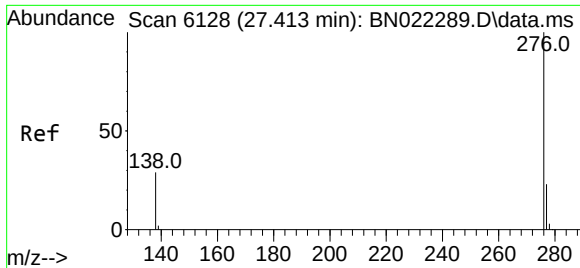
Ion Ratio Lower Upper

278 100

139 57.2 19.6 29.4#

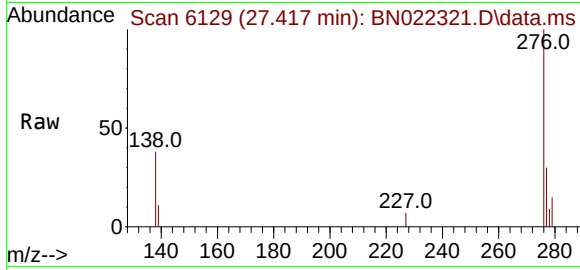
279 68.8 20.6 30.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.134 ng/ul
 RT: 27.417 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN022321.D
 Acq: 25 Oct 2022 12:10

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	3451
Ion Ratio	Lower	Upper	
276	100		
138	37.7	25.2	37.8
277	29.9	19.9	29.9#

