

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025802.D
 Acq On : 13 Jun 2023 12:30
 Operator : MA/JU
 Sample : 02960-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0FN6

Quant Time: Jun 13 23:16:26 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

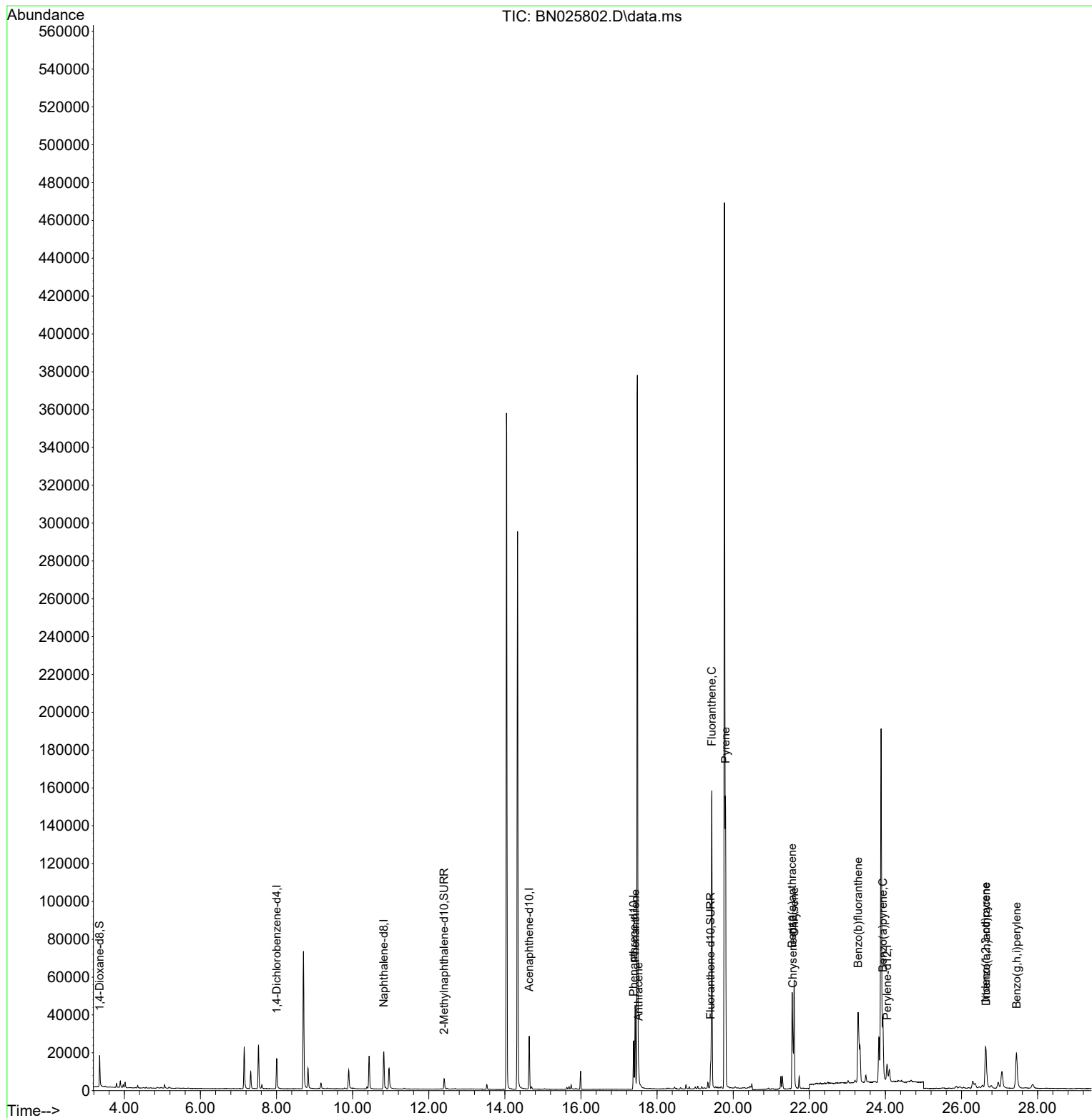
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	9156	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	27326	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	15448	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	30622	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	15835	0.400	ng/ul	0.00
23) Perylene-d12	24.043	264	13847	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	10691	1.188	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	7517	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	13448	0.269	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.423	178	46492	0.521	ng/ul	100
16) Anthracene	17.516	178	6725	0.089	ng/ul#	94
19) Fluoranthene	19.438	202	136485	1.884	ng/ul	99
20) Pyrene	19.800	202	125517	1.674	ng/ul	99
21) Benzo(a)anthracene	21.549	228	42039	0.833	ng/ul	98
22) Chrysene	21.602	228	59875	1.037	ng/ul	99
24) Benzo(b)fluoranthene	23.283	252	94362	1.666	ng/ul	97
26) Benzo(a)pyrene	23.932	252	44366	0.924	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.631	276	37532	0.686	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.645	278	8025	0.194	ng/ul#	89
29) Benzo(g,h,i)perylene	27.446	276	38764	0.790	ng/ul	99

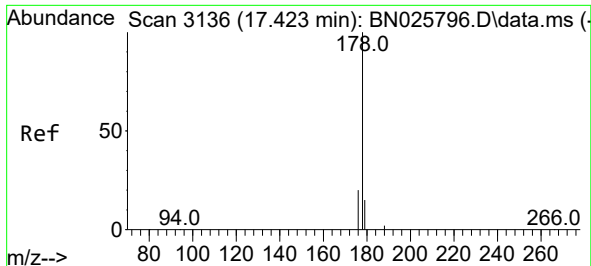
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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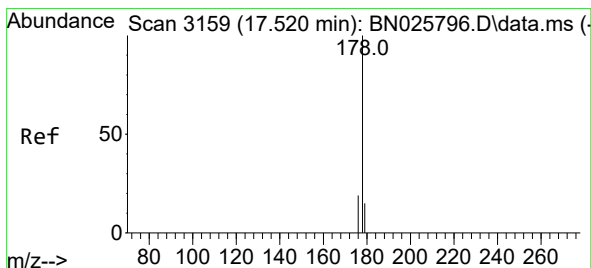
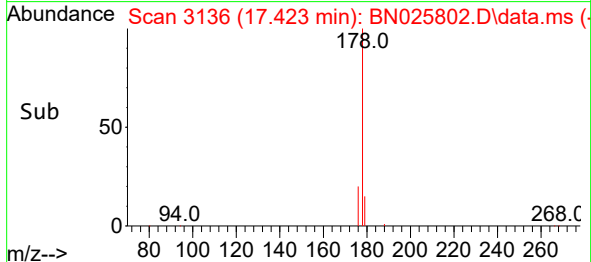
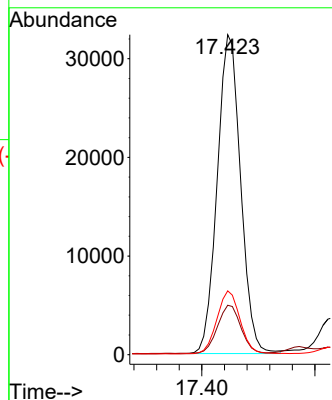
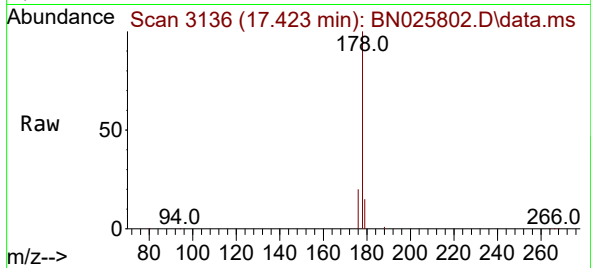




#15
Phenanthrene
Concen: 0.521 ng/ul
RT: 17.423 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30

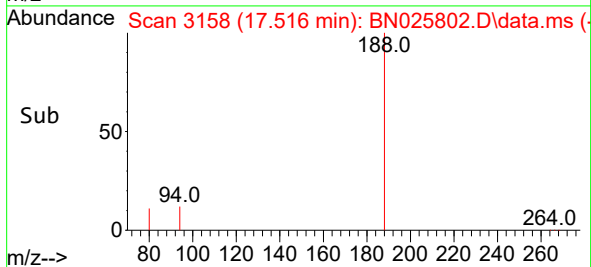
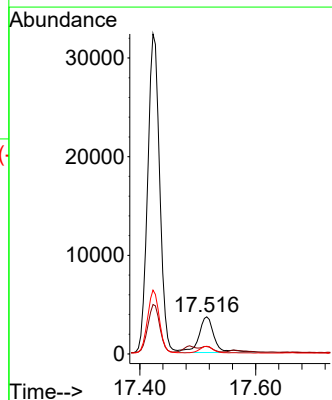
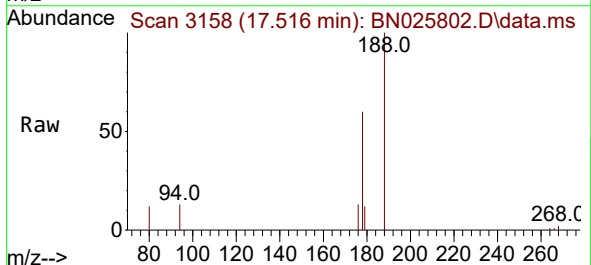
Instrument :
BNA_N
ClientSampleId :
H0FN6

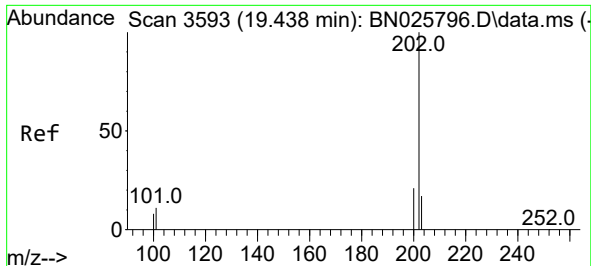
Tgt Ion:178 Resp: 46492
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.9 15.8 23.8



#16
Anthracene
Concen: 0.089 ng/ul
RT: 17.516 min Scan# 3158
Delta R.T. -0.008 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30

Tgt Ion:178 Resp: 6725
Ion Ratio Lower Upper
178 100
179 19.6 12.6 19.0#
176 20.9 15.4 23.2

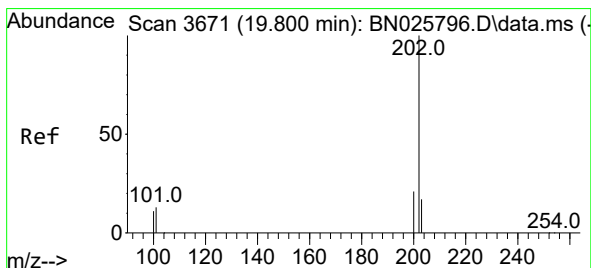
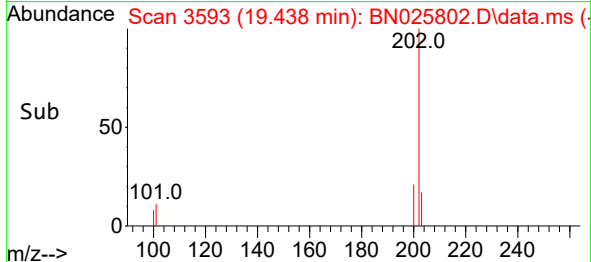
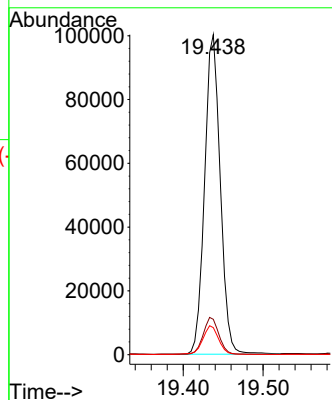
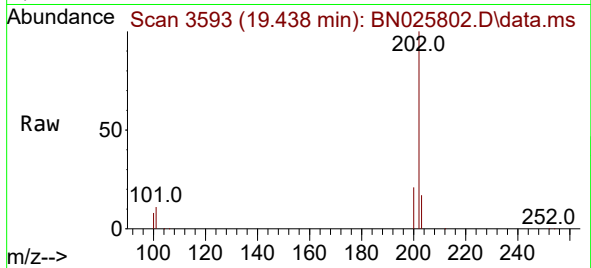




#19
Fluoranthene
Concen: 1.884 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30

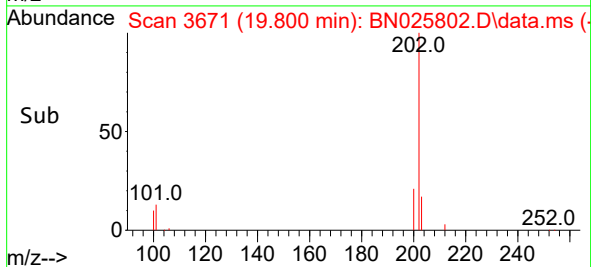
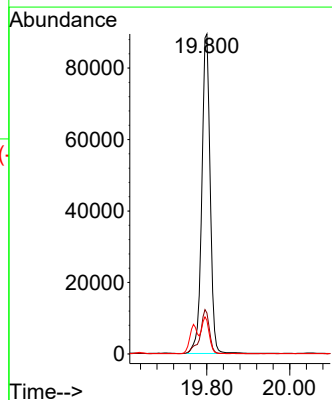
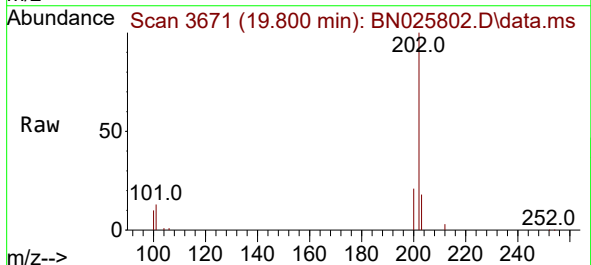
Instrument :
BNA_N
ClientSampleId :
H0FN6

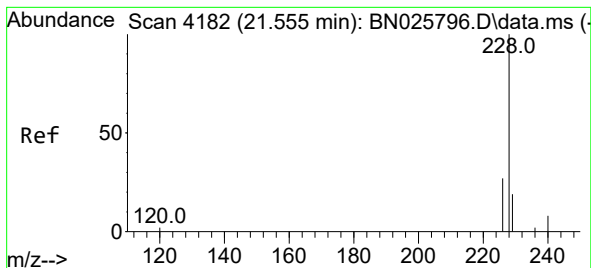
Tgt Ion:202 Resp: 136485
Ion Ratio Lower Upper
202 100
101 11.0 9.1 13.7
100 8.4 7.0 10.6



#20
Pyrene
Concen: 1.674 ng/ul
RT: 19.800 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BN025802.D
Acq: 13 Jun 2023 12:30

Tgt Ion:202 Resp: 125517
Ion Ratio Lower Upper
202 100
101 12.8 10.4 15.6
100 10.4 8.8 13.2





#21

Benzo(a)anthracene

Concen: 0.833 ng/ul

RT: 21.549 min Scan# 41

Delta R.T. -0.003 min

Lab File: BN025802.D

Acq: 13 Jun 2023 12:30

Instrument :

BNA_N

ClientSampleId :

H0FN6

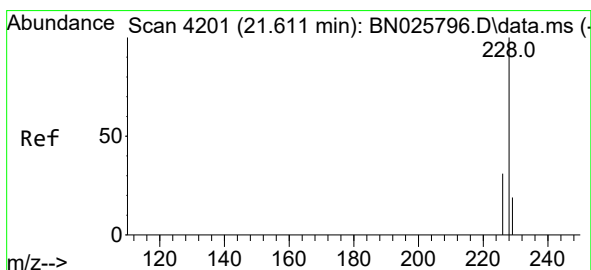
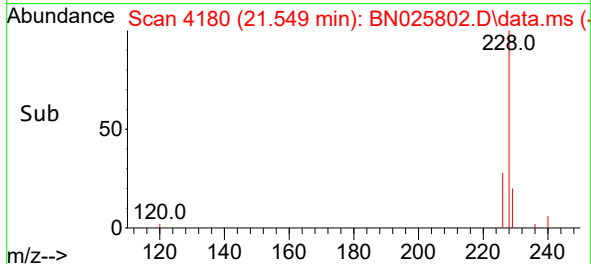
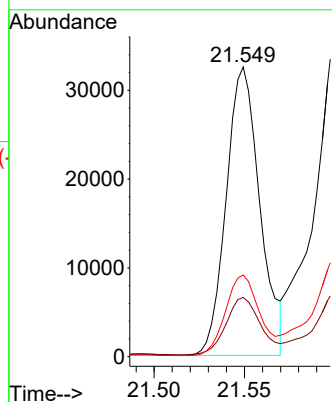
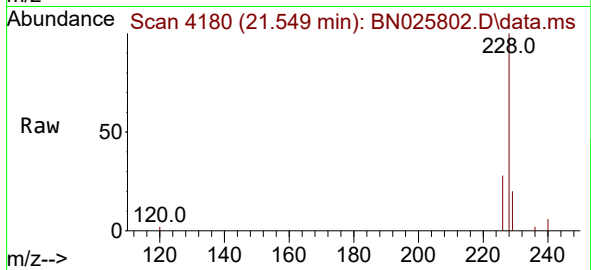
Tgt Ion:228 Resp: 42039

Ion Ratio Lower Upper

228 100

229 20.5 15.5 23.3

226 28.2 22.0 33.0



#22

Chrysene

Concen: 1.037 ng/ul

RT: 21.602 min Scan# 4198

Delta R.T. -0.006 min

Lab File: BN025802.D

Acq: 13 Jun 2023 12:30

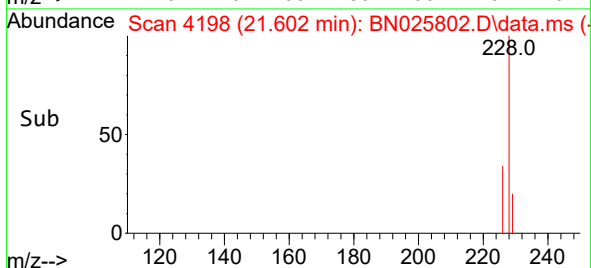
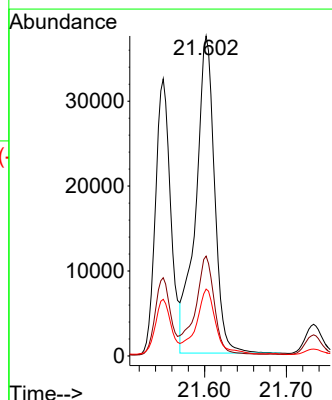
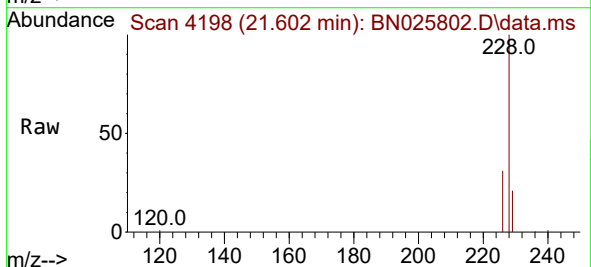
Tgt Ion:228 Resp: 59875

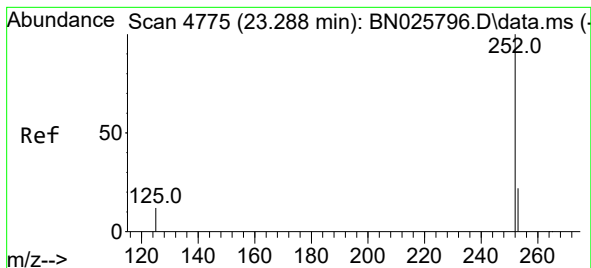
Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

229 20.9 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 1.666 ng/ul

RT: 23.283 min Scan# 4775

Delta R.T. -0.008 min

Lab File: BN025802.D

Acq: 13 Jun 2023 12:30

Instrument :

BNA_N

ClientSampleId :

H0FN6

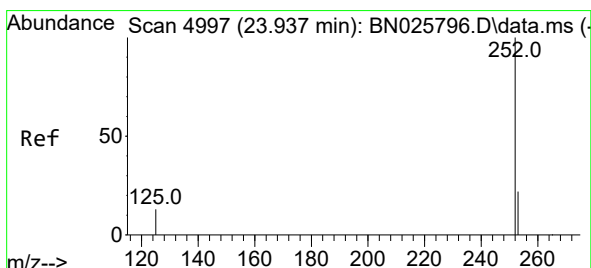
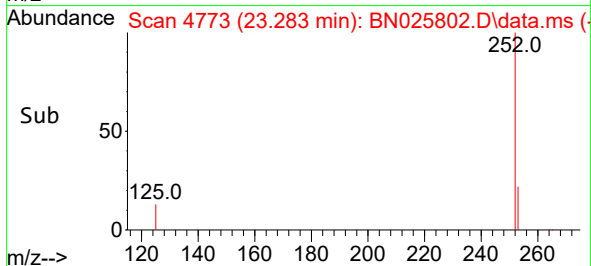
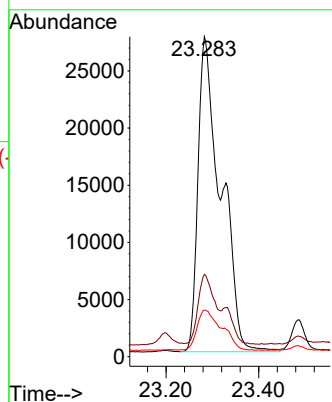
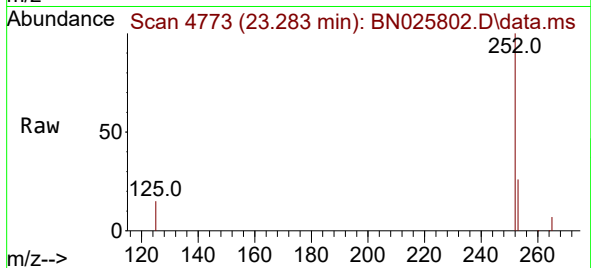
Tgt Ion:252 Resp: 94362

Ion Ratio Lower Upper

252 100

253 25.8 0.0 56.0

125 14.5 0.0 28.0



#26

Benzo(a)pyrene

Concen: 0.924 ng/ul

RT: 23.932 min Scan# 4995

Delta R.T. -0.011 min

Lab File: BN025802.D

Acq: 13 Jun 2023 12:30

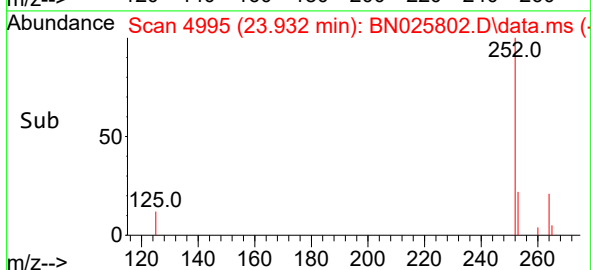
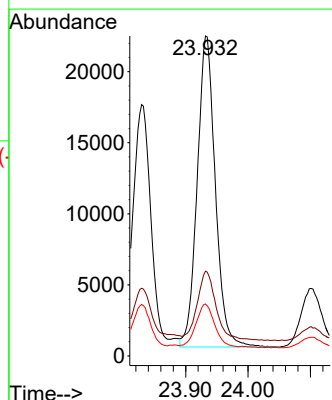
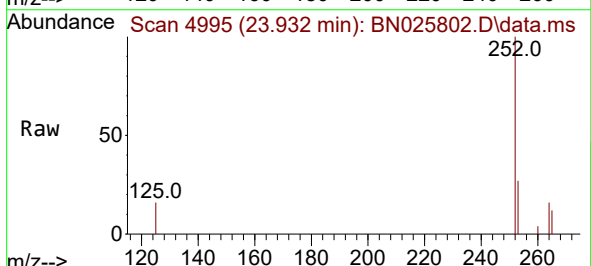
Tgt Ion:252 Resp: 44366

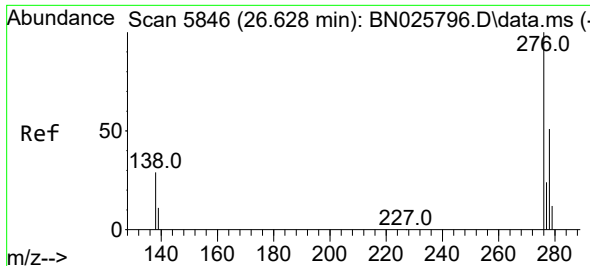
Ion Ratio Lower Upper

252 100

253 26.5 25.8 38.8

125 16.3 13.5 20.3

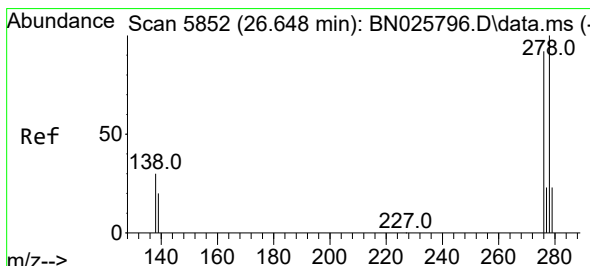
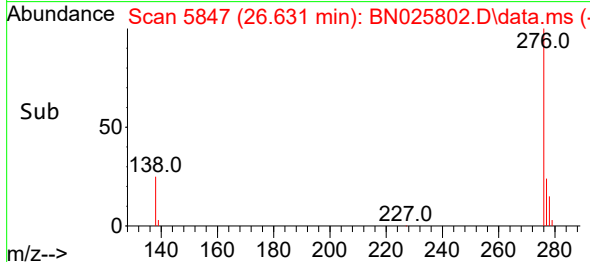
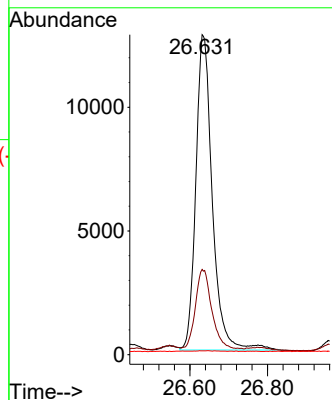
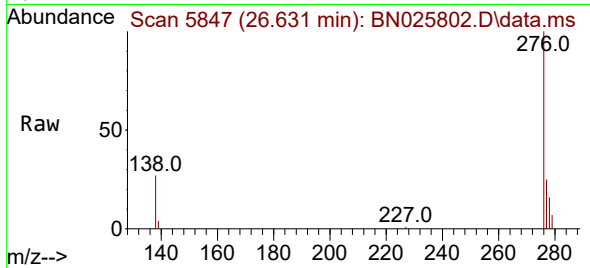




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.686 ng/ul
 RT: 26.631 min Scan# 5847
 Delta R.T. -0.027 min
 Lab File: BN025802.D
 Acq: 13 Jun 2023 12:30

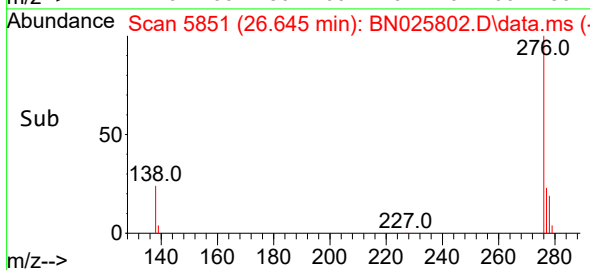
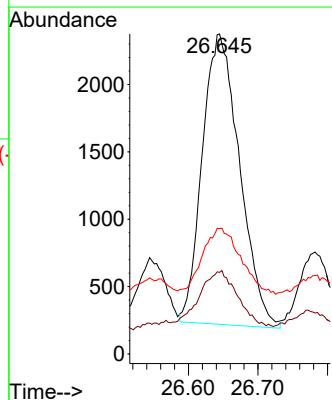
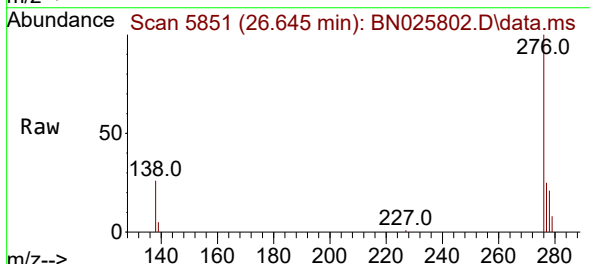
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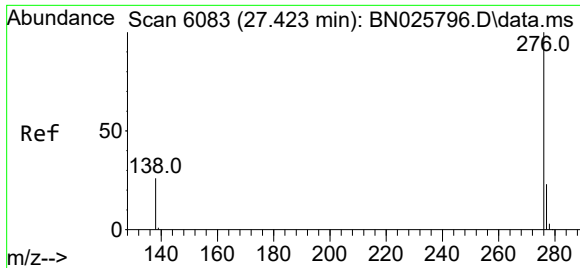
Tgt Ion:276 Resp: 37532
 Ion Ratio Lower Upper
 276 100
 138 25.7 24.6 36.8
 227 0.2 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.194 ng/ul
 RT: 26.645 min Scan# 5851
 Delta R.T. -0.040 min
 Lab File: BN025802.D
 Acq: 13 Jun 2023 12:30

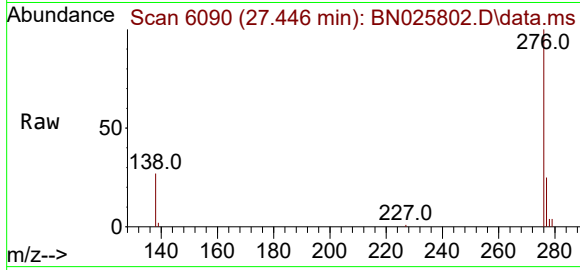
Tgt Ion:278 Resp: 8025
 Ion Ratio Lower Upper
 278 100
 139 25.5 17.9 26.9
 279 39.2 25.3 37.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.790 ng/ul
 RT: 27.446 min Scan# 6083
 Delta R.T. -0.003 min
 Lab File: BN025802.D
 Acq: 13 Jun 2023 12:30

Instrument :
 BNA_N
 ClientSampleId :
 H0FN6



Tgt Ion:	276	Resp:	38764
Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.8
277	24.7	19.4	29.2

