

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025816.D
 Acq On : 13 Jun 2023 21:36
 Operator : MA/JU
 Sample : 02950-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 13 23:49:52 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)

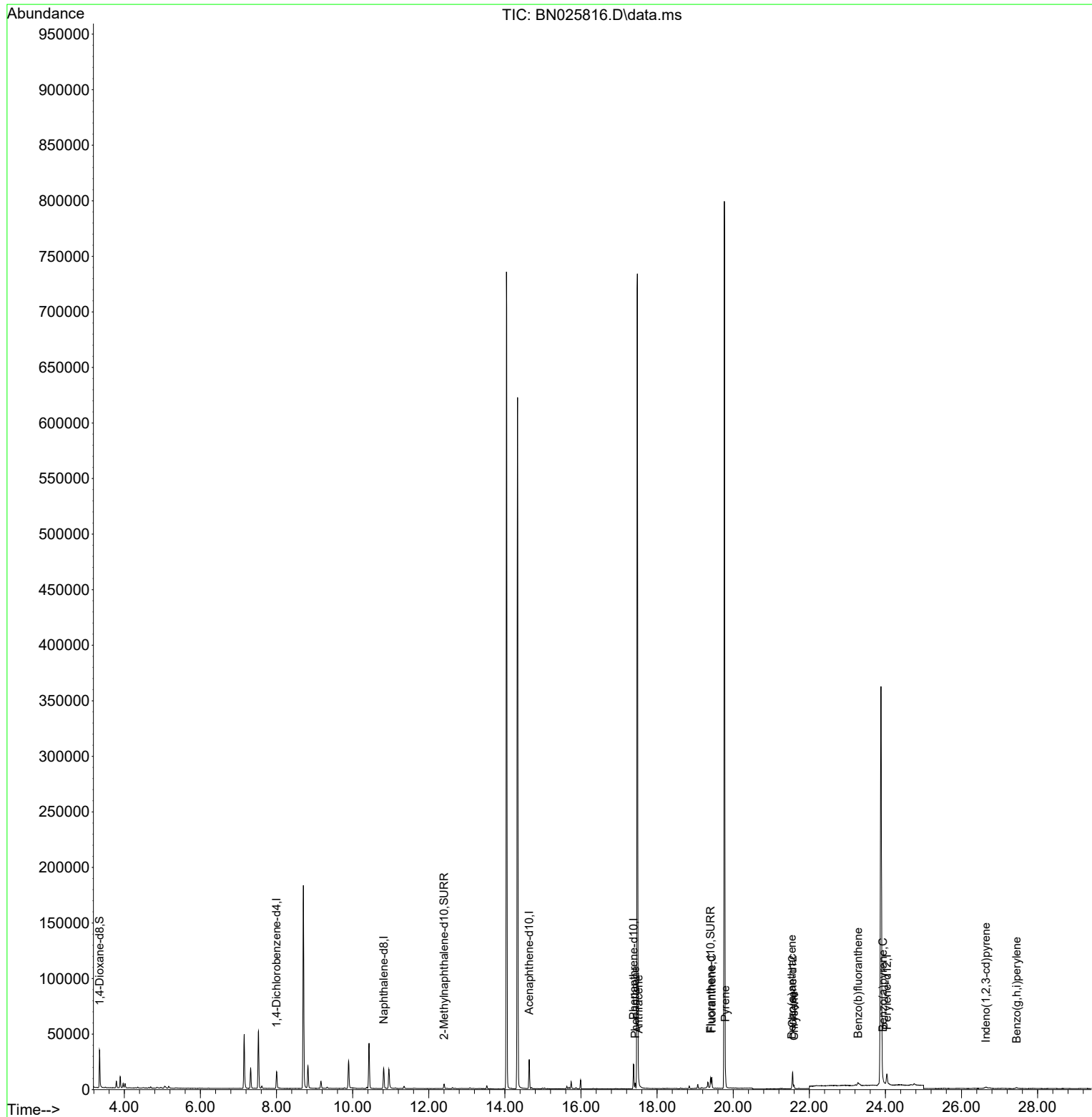
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	8317	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.814	136	25423	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.640	164	14488	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	26598	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240	13226	0.400	ng/ul	0.00
23) Perylene-d12	24.040	264	14318	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	21997	2.690	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	5633	0.175	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	8781	0.211	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.423	178	5249	0.068	ng/ul	96
16) Anthracene	17.516	178	1347	0.021	ng/ul#	77
19) Fluoranthene	19.438	202	8736	0.144	ng/ul	99
20) Pyrene	19.796	202	8503	0.136	ng/ul#	93
21) Benzo(a)anthracene	21.543	228	2517	0.060	ng/ul#	89
22) Chrysene	21.596	228	2999	0.062	ng/ul#	87
24) Benzo(b)fluoranthene	23.280	252	5236	0.089	ng/ul#	35
26) Benzo(a)pyrene	23.932	252	2324	0.047	ng/ul#	31
27) Indeno(1,2,3-cd)pyrene	26.641	276	5047	0.089	ng/ul#	63
29) Benzo(g,h,i)perylene	27.446	276	2016	0.040	ng/ul#	74

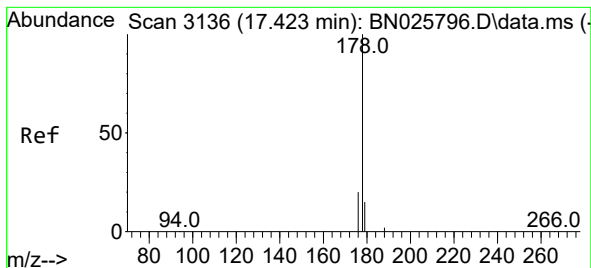
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Phenanthrene

Concen: 0.068 ng/ul

RT: 17.423 min Scan# 3136

Delta R.T. -0.008 min

Lab File: BN025816.D

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Instrument :

BNA_N

ClientSampleId :

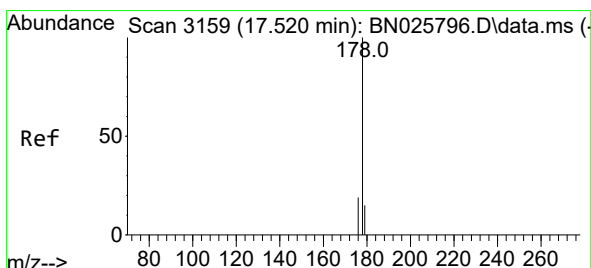
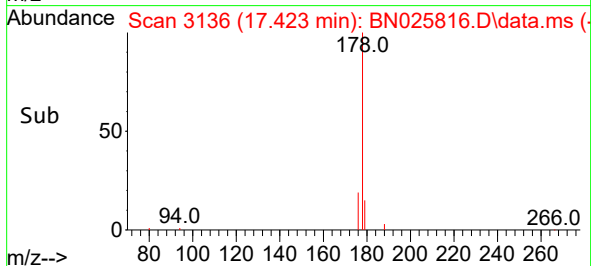
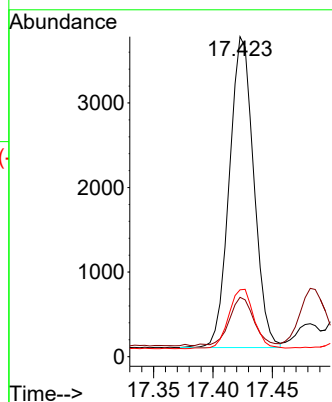
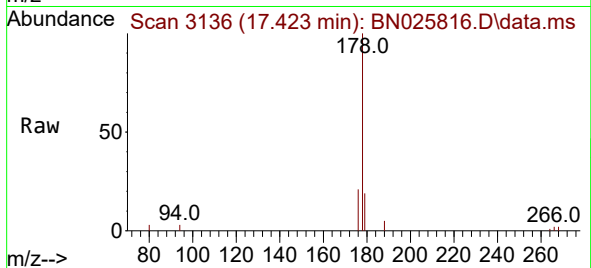
Tgt Ion:178 Resp: 5249

Ion Ratio Lower Upper

178 100

179 18.5 12.6 18.8

176 20.9 15.8 23.8



#16

Anthracene

Concen: 0.021 ng/ul

RT: 17.516 min Scan# 3158

Delta R.T. -0.008 min

Lab File: BN025816.D

Acq: 13 Jun 2023 21:36

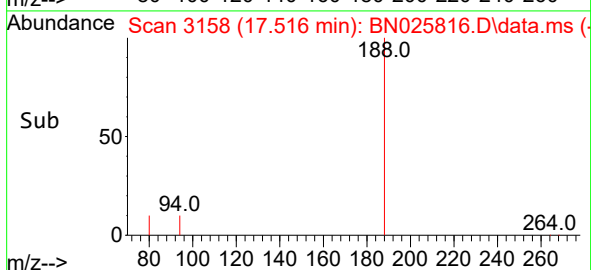
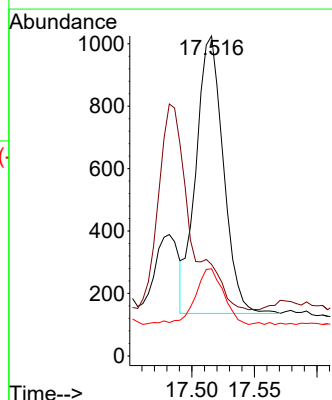
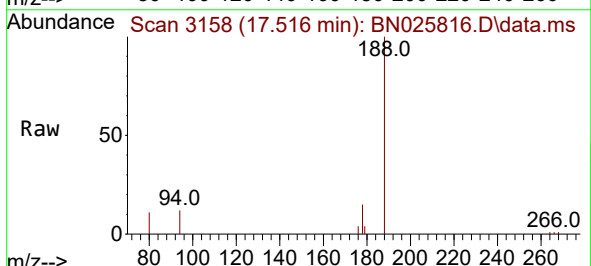
Tgt Ion:178 Resp: 1347

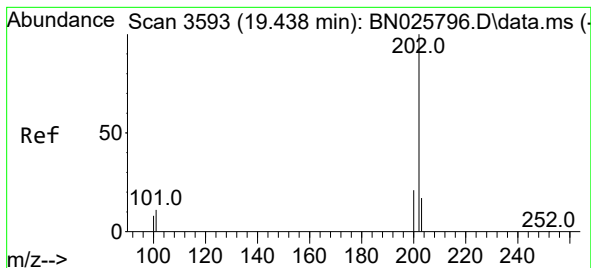
Ion Ratio Lower Upper

178 100

179 28.6 12.6 19.0#

176 27.2 15.4 23.2#





#19

Fluoranthene

Concen: 0.144 ng/ul

RT: 19.438 min Scan# 3593

Delta R.T. -0.004 min

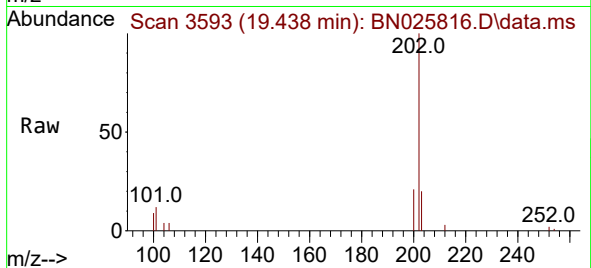
Lab File: BN025816.D

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Instrument :

BNA_N

ClientSampleId :



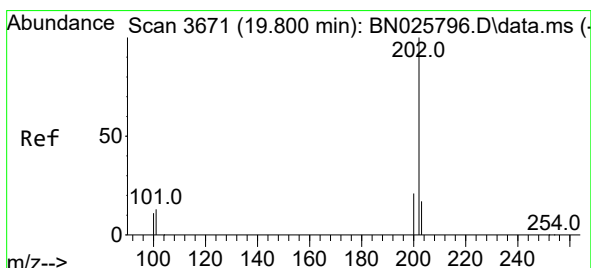
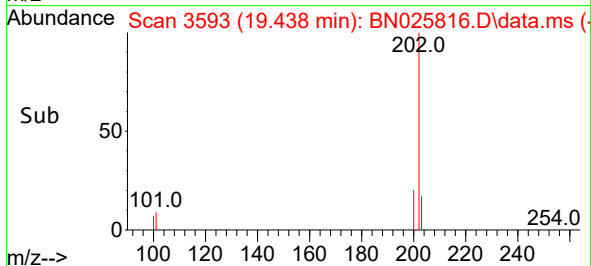
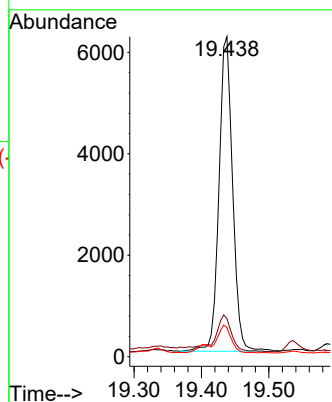
Tgt Ion:202 Resp: 8736

Ion Ratio Lower Upper

202 100

101 11.9 9.1 13.7

100 9.1 7.0 10.6



#20

Pyrene

Concen: 0.136 ng/ul

RT: 19.796 min Scan# 3670

Delta R.T. -0.009 min

Lab File: BN025816.D

Acq: 13 Jun 2023 21:36

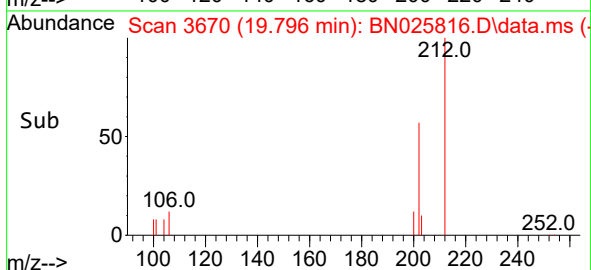
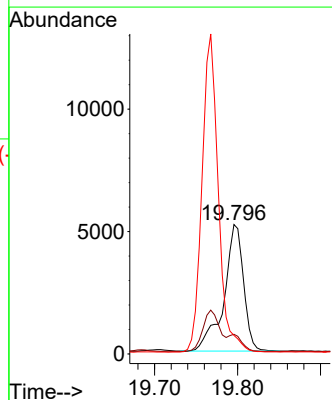
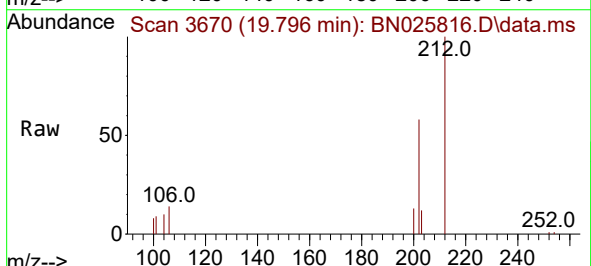
Tgt Ion:202 Resp: 8503

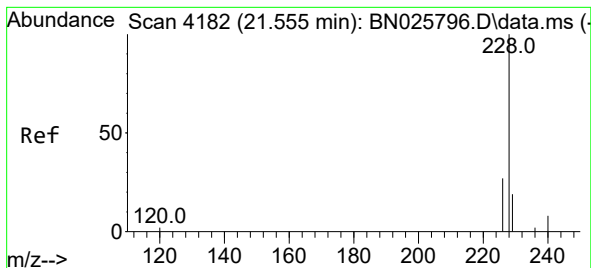
Ion Ratio Lower Upper

202 100

101 15.2 10.4 15.6

100 14.4 8.8 13.2#





#21

Benzo(a)anthracene

Concen: 0.060 ng/ul

RT: 21.543 min Scan# 41

Delta R.T. -0.009 min

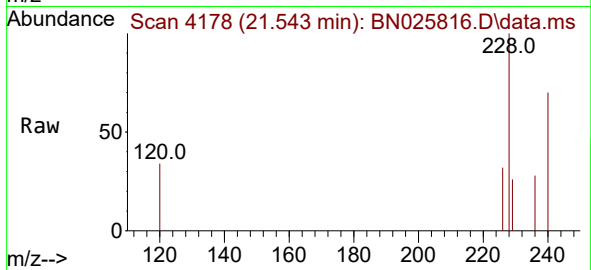
Lab File: BN025816.D

Acq: 13 Jun 2023 21:36

Instrument :

BNA_N

ClientSampleId :



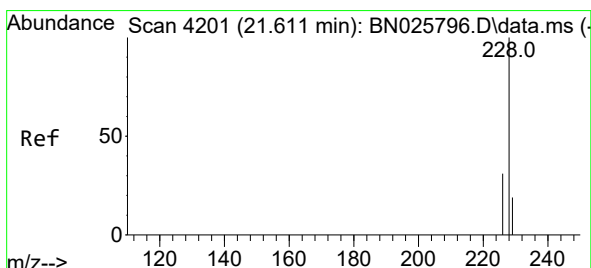
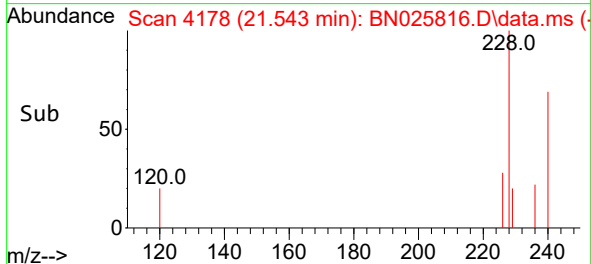
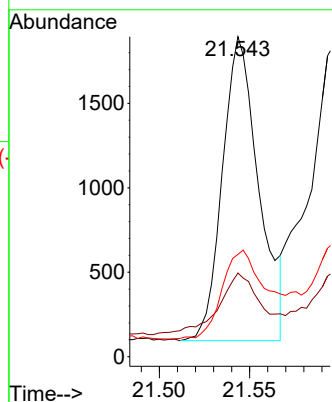
Tgt Ion:228 Resp: 2517

Ion Ratio Lower Upper

228 100

229 26.1 15.5 23.3#

226 32.0 22.0 33.0



#22

Chrysene

Concen: 0.062 ng/ul

RT: 21.596 min Scan# 4196

Delta R.T. -0.012 min

Lab File: BN025816.D

Acq: 13 Jun 2023 21:36

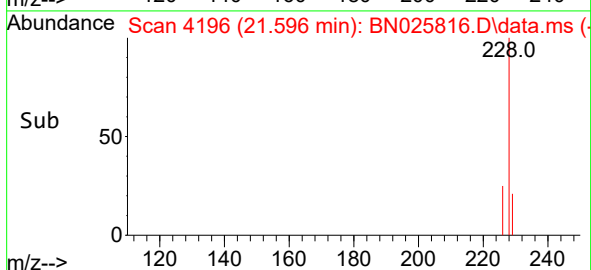
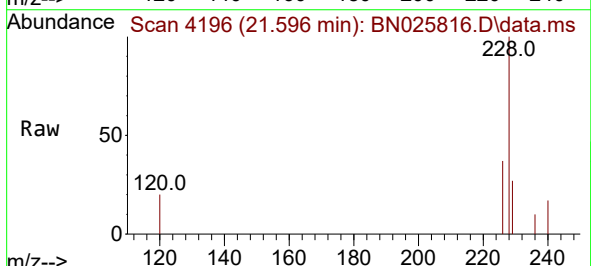
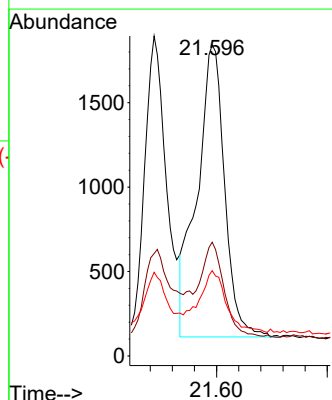
Tgt Ion:228 Resp: 2999

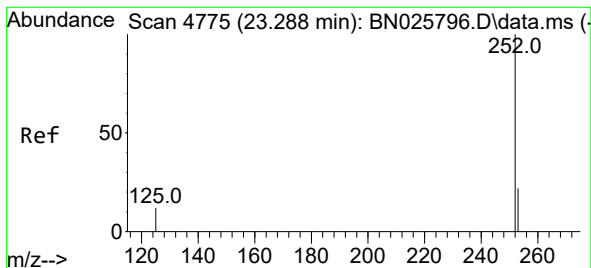
Ion Ratio Lower Upper

228 100

226 36.6 24.7 37.1

229 27.4 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 0.089 ng/ul

RT: 23.280 min Scan# 41

Delta R.T. -0.011 min

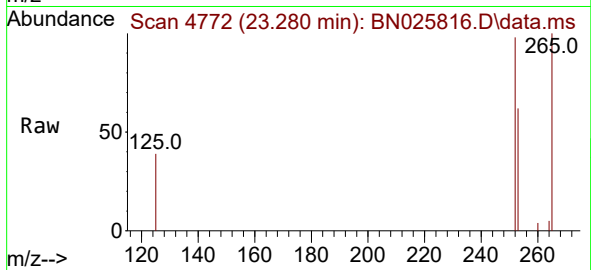
Lab File: BN025816.D

Acq: 13 Jun 2023 21:36

Instrument :

BNA_N

ClientSampleId :



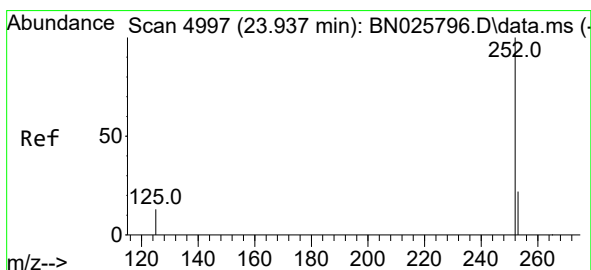
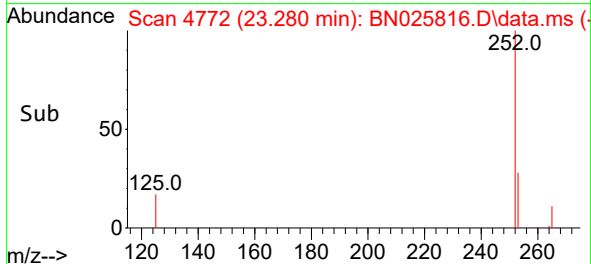
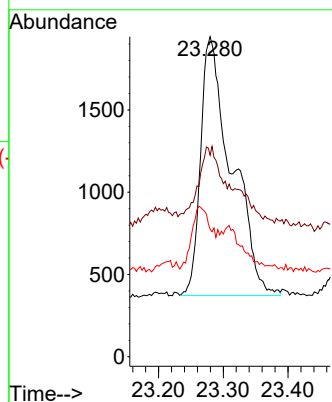
Tgt Ion:252 Resp: 5236

Ion Ratio Lower Upper

252 100

253 63.0 0.0 56.0#

125 39.8 0.0 28.0#



#26

Benzo(a)pyrene

Concen: 0.047 ng/ul

RT: 23.932 min Scan# 4995

Delta R.T. -0.011 min

Lab File: BN025816.D

Acq: 13 Jun 2023 21:36

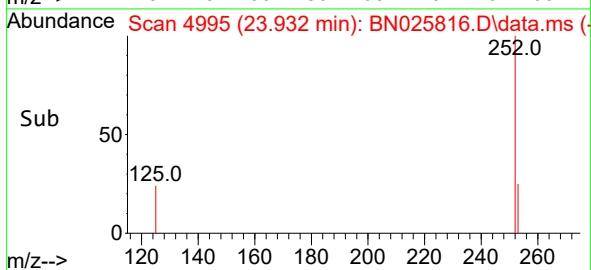
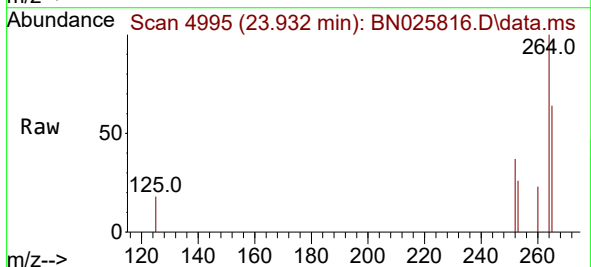
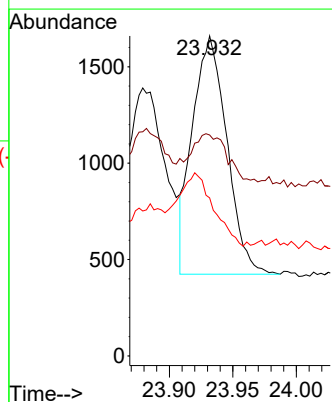
Tgt Ion:252 Resp: 2324

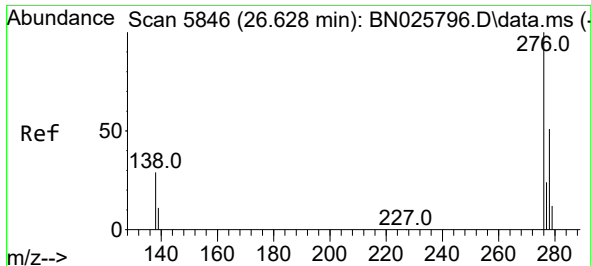
Ion Ratio Lower Upper

252 100

253 69.0 25.8 38.8#

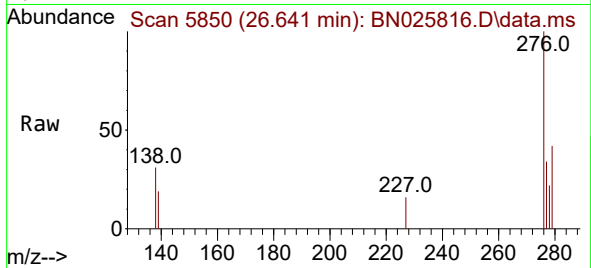
125 49.4 13.5 20.3#



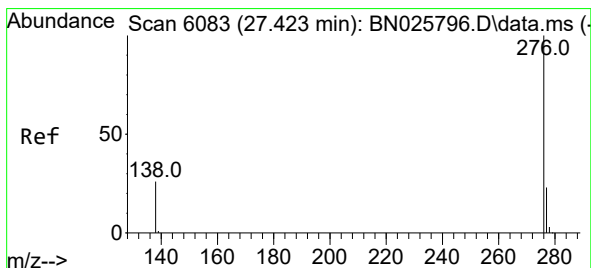
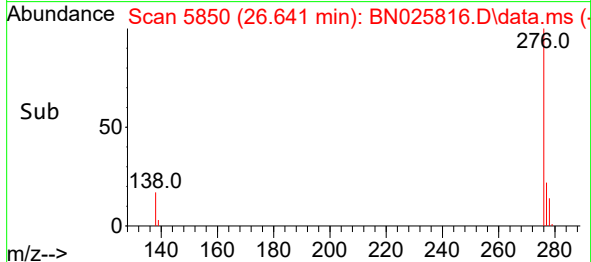
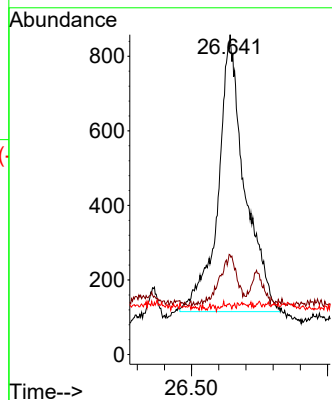


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng/ul
RT: 26.641 min Scan# 5846
Delta R.T. -0.017 min
Lab File: BN025816.D
Acq: 13 Jun 2023 21:36

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:276 Resp: 5047
Ion Ratio Lower Upper
276 100
138 10.2 24.6 36.8#
227 0.2 0.0 0.0#



#29
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 27.446 min Scan# 6090
Delta R.T. -0.003 min
Lab File: BN025816.D
Acq: 13 Jun 2023 21:36

Tgt Ion:276 Resp: 2016
Ion Ratio Lower Upper
276 100
138 41.1 21.8 32.8#
277 37.0 19.4 29.2#

