

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022254.D
 Acq On : 21 Oct 2022 15:02
 Operator : CG/JU
 Sample : N5015-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1BE8

Quant Time: Oct 21 22:39:37 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 : Wed Oct 19 23:32:34 2022
 Response via : Initial Calibration

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

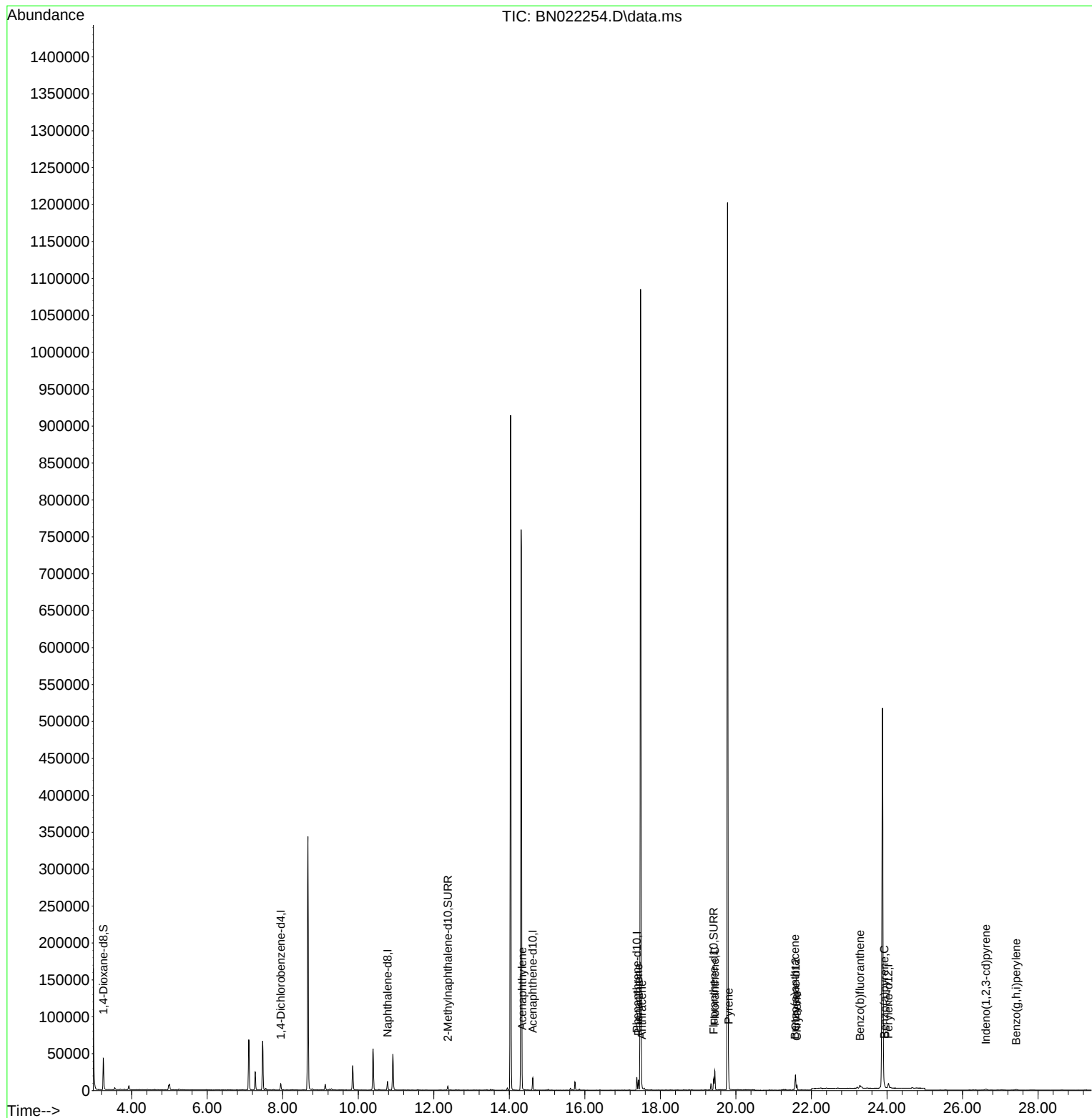
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	4444	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	15602	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	9147	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.378	188	19058	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	13005	0.400	ng/ul	# 0.00
23) Perylene-d12	24.037	264	9295	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	27190	4.708	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.372	152	7264	0.308	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	15392	0.353	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.341	152	937	0.023	ng/ul#	76
15) Phenanthrene	17.421	178	14379	0.225	ng/ul	100
16) Anthracene	17.509	178	1230	0.023	ng/ul#	82
19) Fluoranthene	19.440	202	21707	0.364	ng/ul	99
20) Pyrene	19.807	202	17132	0.286	ng/ul	98
21) Benzo(a)anthracene	21.561	228	7078	0.145	ng/ul	95
22) Chrysene	21.617	228	6012	0.116	ng/ul	95
24) Benzo(b)fluoranthene	23.286	252	8414	0.180	ng/ul#	60
26) Benzo(a)pyrene	23.929	252	3307	0.089	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.622	276	2336	0.050	ng/ul	95
29) Benzo(g,h,i)perylene	27.420	276	1848	0.049	ng/ul#	72

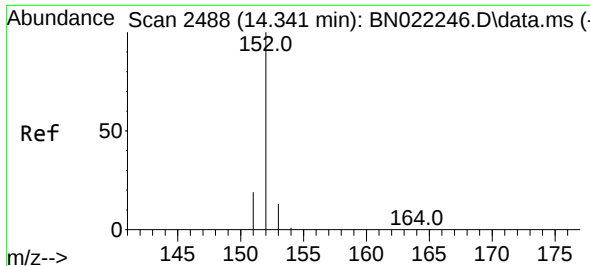
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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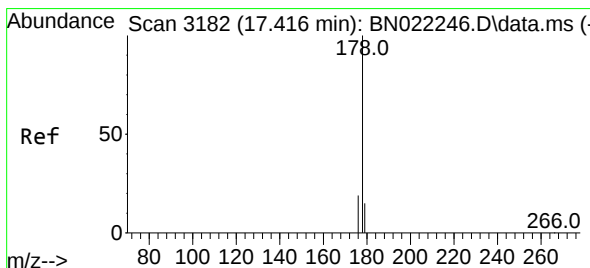
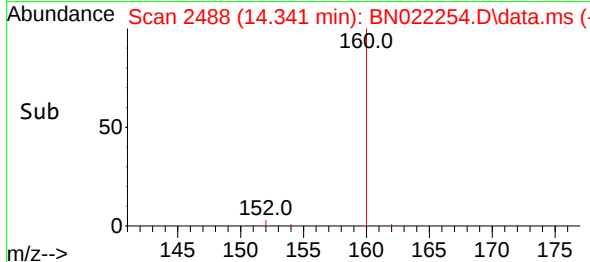
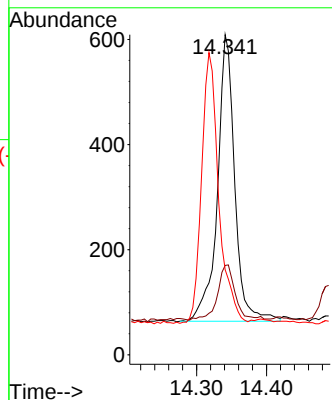
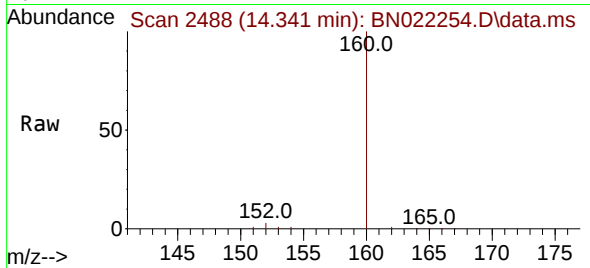




#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

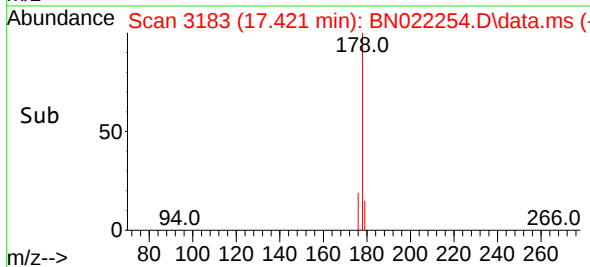
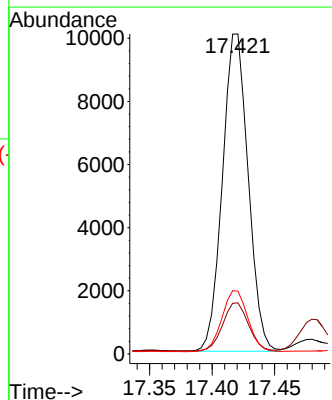
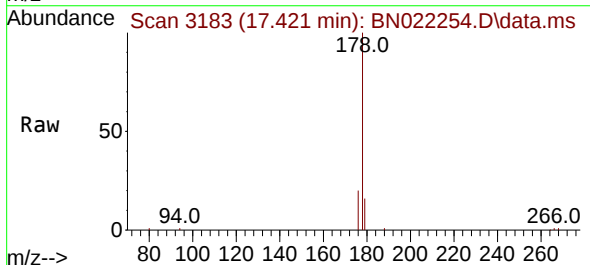
Instrument :
BNA_N
ClientSampleId :
C1BE8

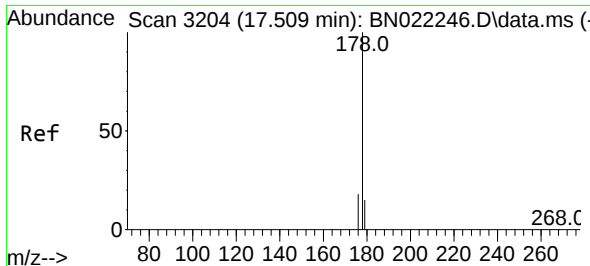
Tgt Ion:152 Resp: 937
Ion Ratio Lower Upper
152 100
151 27.9 15.9 23.9#
153 26.6 10.8 16.2#



#15
Phenanthrene
Concen: 0.225 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

Tgt Ion:178 Resp: 14379
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.6 15.4 23.2

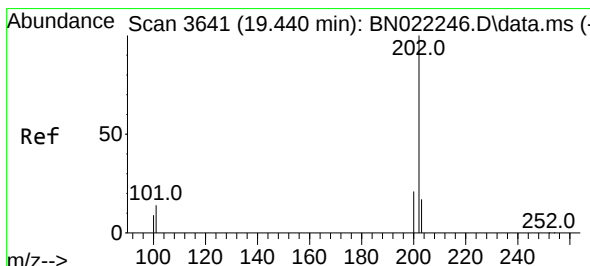
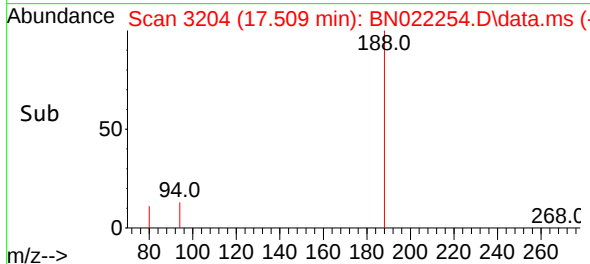
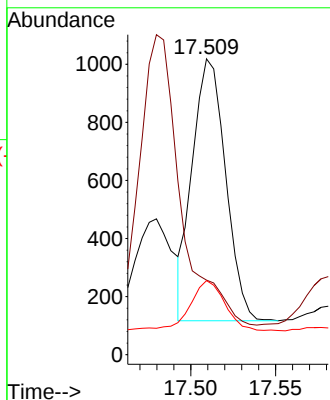
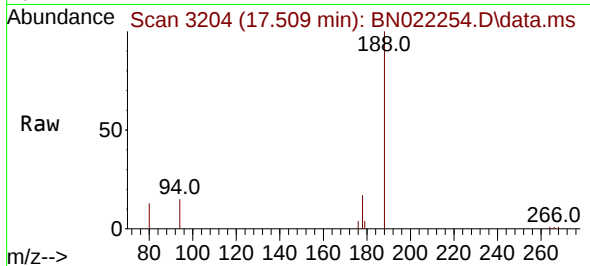




#16
 Anthracene
 Concen: 0.023 ng/ul
 RT: 17.509 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: BN022254.D
 Acq: 21 Oct 2022 15:02

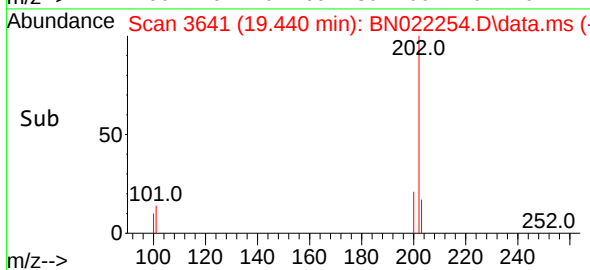
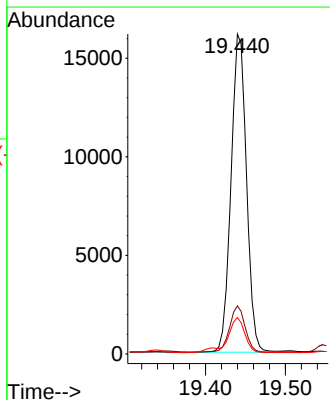
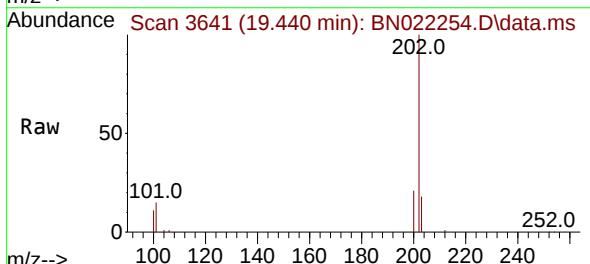
Instrument :
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 ClientSampleId :
 C1BE8

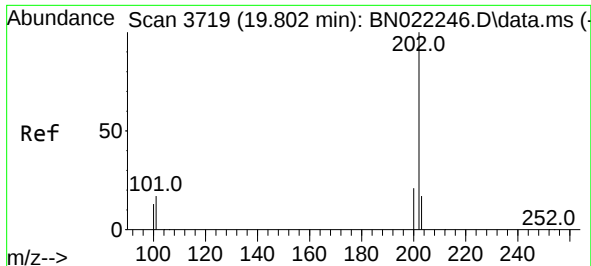
Tgt Ion:178 Resp: 1230
 Ion Ratio Lower Upper
 178 100
 179 25.2 12.6 18.8#
 176 25.0 15.0 22.6#



#19
 Fluoranthene
 Concen: 0.364 ng/ul
 RT: 19.440 min Scan# 3641
 Delta R.T. -0.004 min
 Lab File: BN022254.D
 Acq: 21 Oct 2022 15:02

Tgt Ion:202 Resp: 21707
 Ion Ratio Lower Upper
 202 100
 101 15.0 11.8 17.6
 100 11.4 8.7 13.1

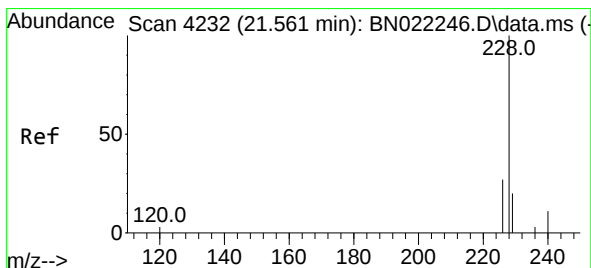
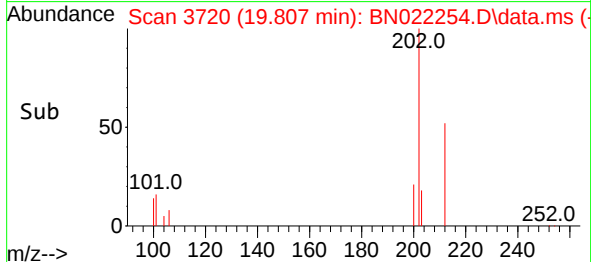
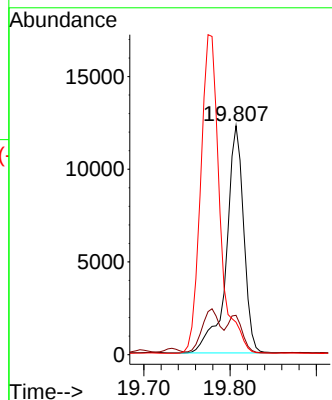
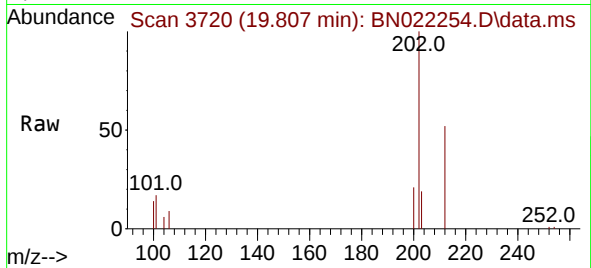




#20
Pyrene
Concen: 0.286 ng/ul
RT: 19.807 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

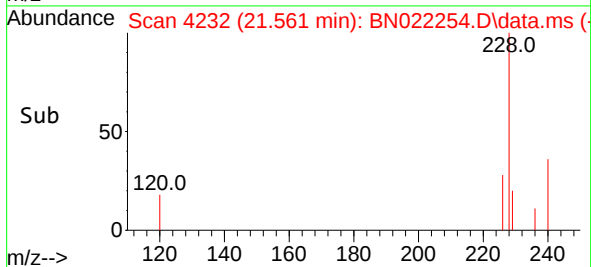
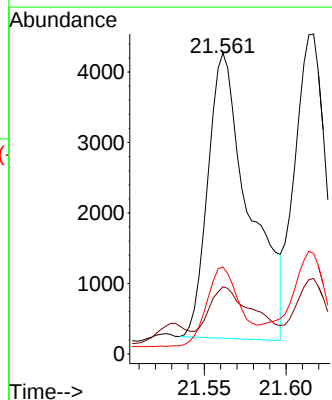
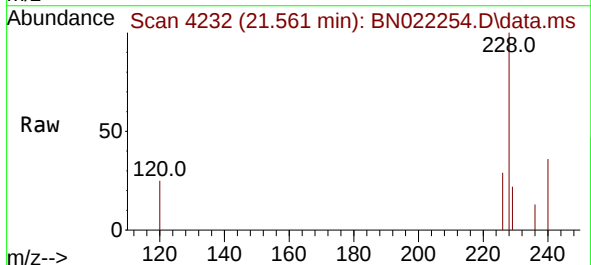
Instrument :
BNA_N
ClientSampleId :
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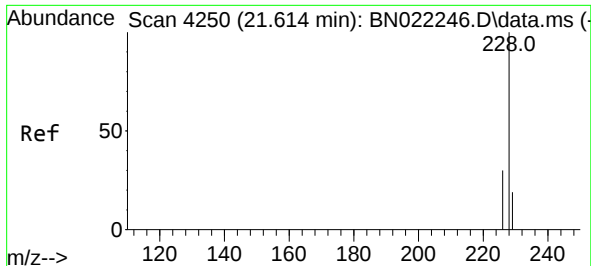
Tgt Ion:202 Resp: 17132
Ion Ratio Lower Upper
202 100
101 17.2 13.1 19.7
100 14.2 10.6 16.0



#21
Benzo(a)anthracene
Concen: 0.145 ng/ul
RT: 21.561 min Scan# 4232
Delta R.T. -0.006 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

Tgt Ion:228 Resp: 7078
Ion Ratio Lower Upper
228 100
229 22.3 15.7 23.5
226 28.9 21.5 32.3





#22

Chrysene

Concen: 0.116 ng/ul

RT: 21.617 min Scan# 4251

Delta R.T. -0.004 min

Lab File: BN022254.D

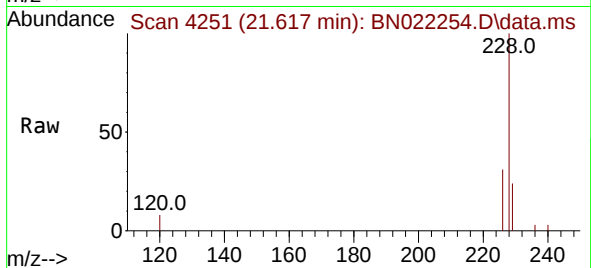
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Instrument :

BNA_N

ClientSampleId :

C1BE8



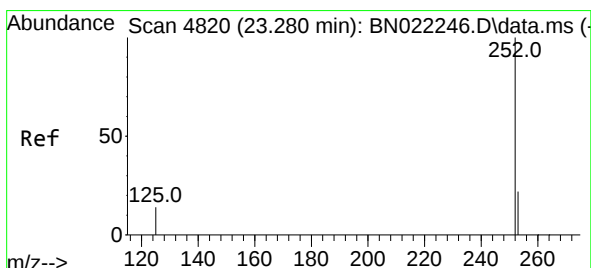
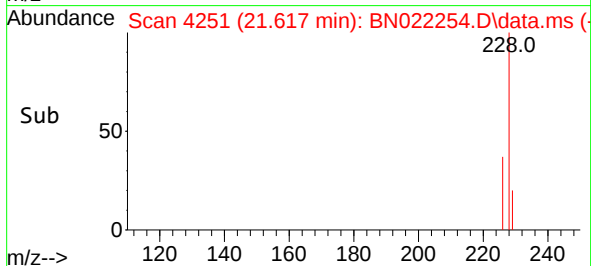
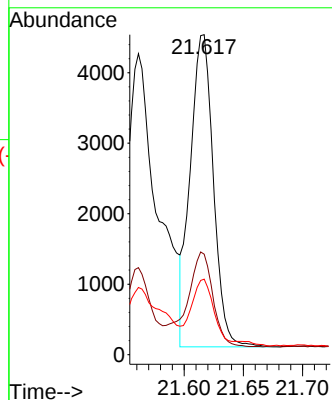
Tgt Ion:228 Resp: 6012

Ion Ratio Lower Upper

228 100

226 31.4 23.9 35.9

229 23.6 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 0.180 ng/ul

RT: 23.286 min Scan# 4822

Delta R.T. -0.004 min

Lab File: BN022254.D

Acq: 21 Oct 2022 15:02

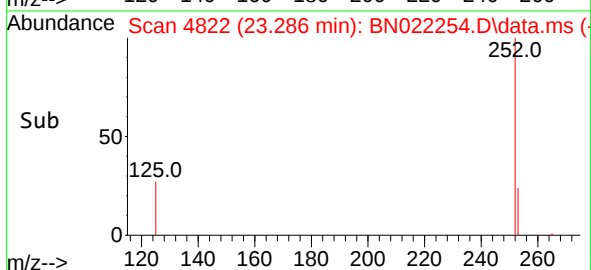
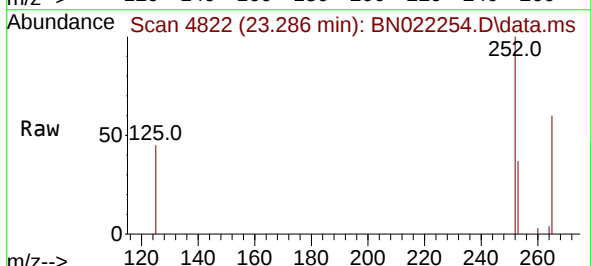
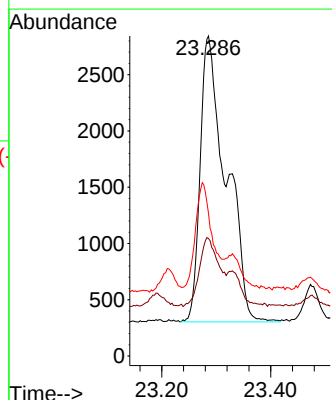
Tgt Ion:252 Resp: 8414

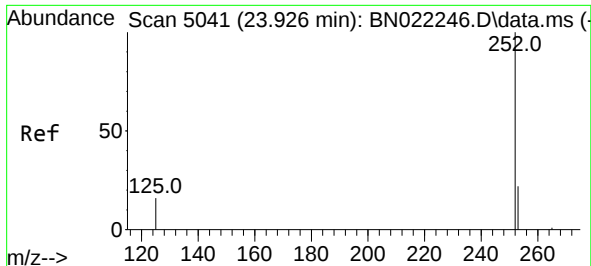
Ion Ratio Lower Upper

252 100

253 36.7 0.0 49.0

125 44.5 0.0 35.2#

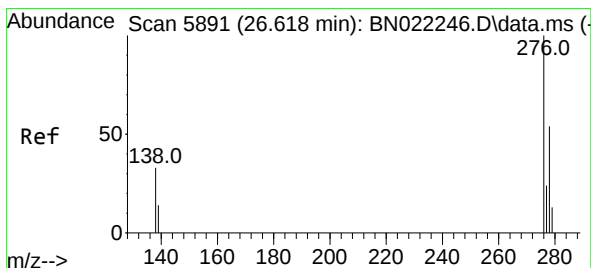
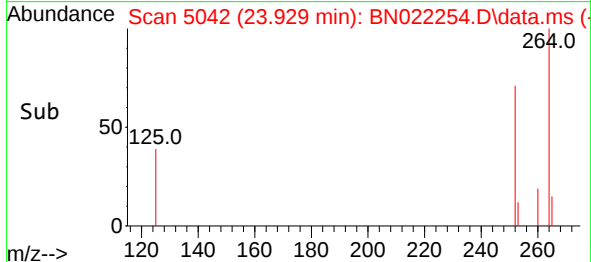
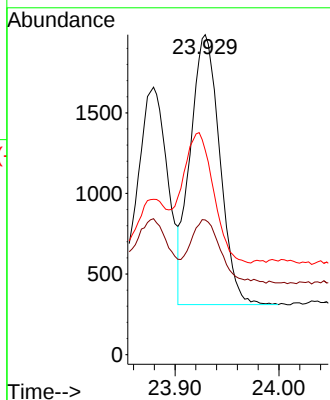
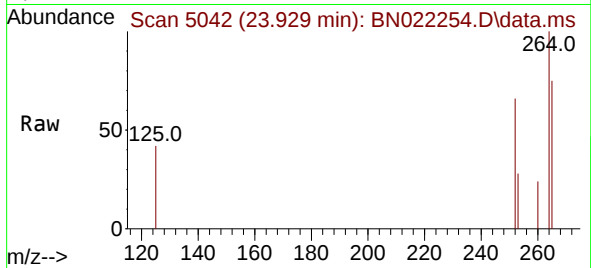




#26
Benzo(a)pyrene
Concen: 0.089 ng/ul
RT: 23.929 min Scan# 5042
Delta R.T. -0.006 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

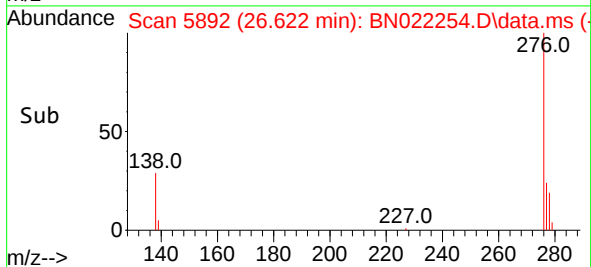
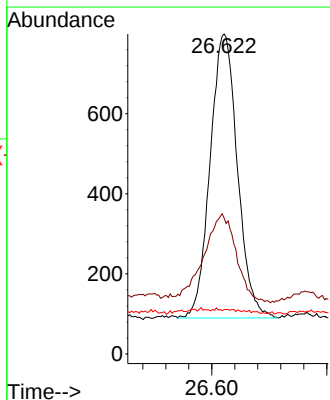
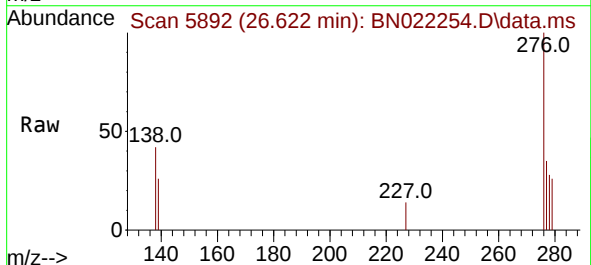
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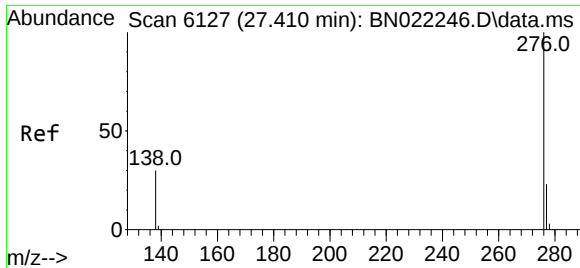
Tgt Ion:252 Resp: 3307
Ion Ratio Lower Upper
252 100
253 42.1 21.0 31.6#
125 63.9 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.050 ng/ul
RT: 26.622 min Scan# 5892
Delta R.T. -0.014 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

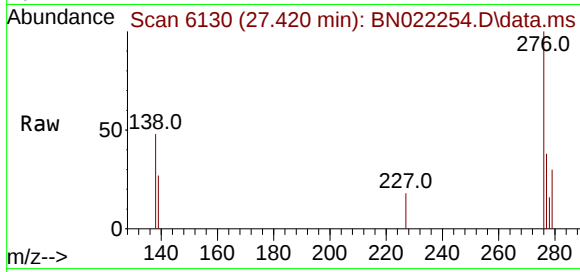
Tgt Ion:276 Resp: 2336
Ion Ratio Lower Upper
276 100
138 37.7 27.7 41.5
227 0.2 0.2 0.2





#29
 Benzo(g,h,i)perylene
 Concen: 0.049 ng/ul
 RT: 27.420 min Scan# 61
 Delta R.T. -0.011 min
 Lab File: BN022254.D
 Acq: 21 Oct 2022 15:02

Instrument :
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Tgt Ion:276 Resp: 1848
 Ion Ratio Lower Upper
 276 100
 138 47.6 25.2 37.8#
 277 38.4 19.9 29.9#

