

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022225.D
 Acq On : 20 Oct 2022 09:16
 Operator : CG/JU
 Sample : N5023-14DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BD3DL

Quant Time: Oct 21 01:48:57 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)

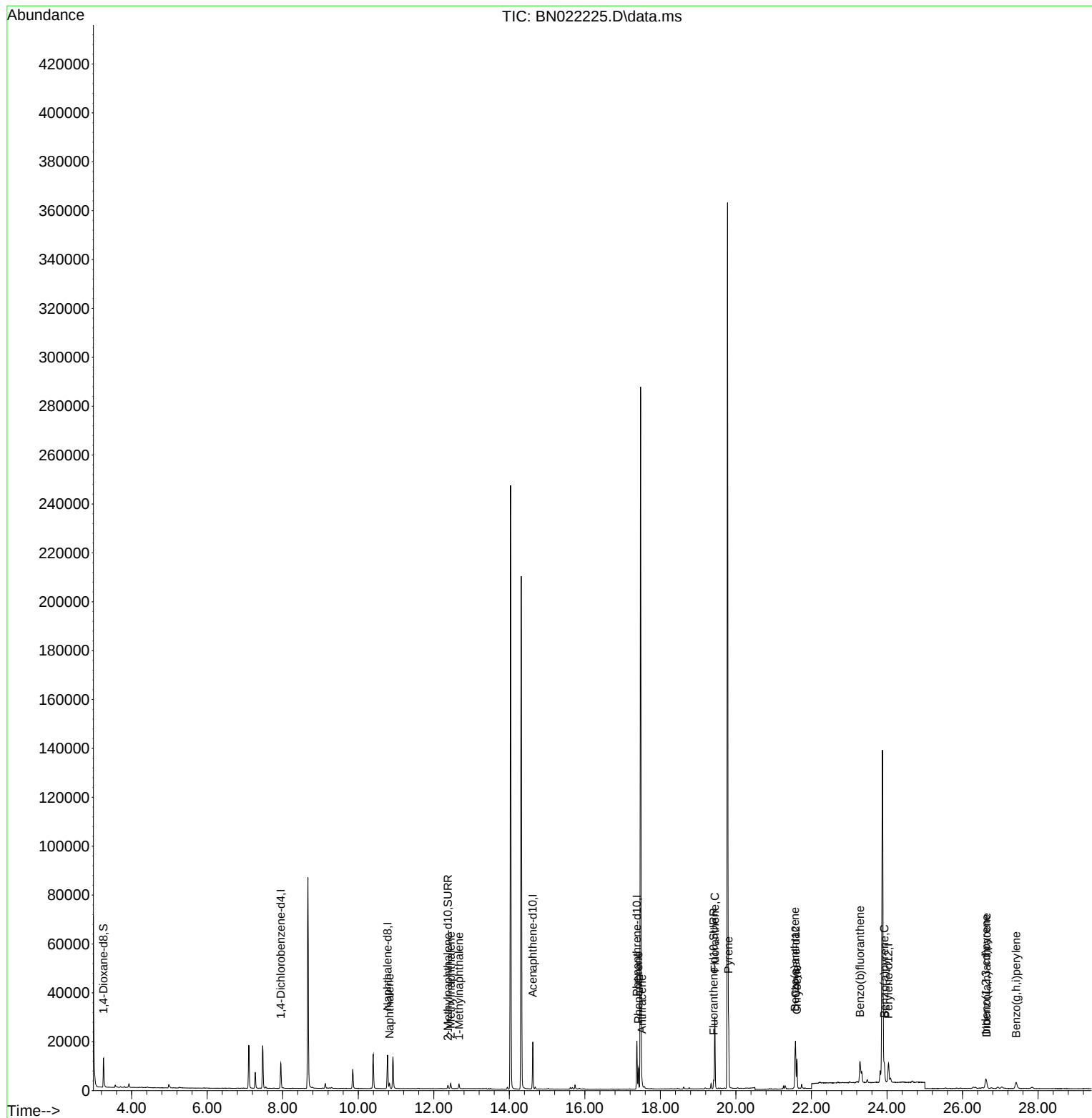
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	5419	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	18402	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.622	164	10394	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.377	188	21324	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	15068	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	11009	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	7904	1.122	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.377	152	1899	0.068	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	3719	0.074	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.826	128	2895	0.053	ng/ul#	93
7) 2-Methylnaphthalene	12.448	142	1643	0.048	ng/ul	100
8) 1-Methylnaphthalene	12.668	142	1356	0.038	ng/ul	100
15) Phenanthrene	17.419	178	8957	0.125	ng/ul	99
16) Anthracene	17.512	178	1645	0.027	ng/ul#	87
19) Fluoranthene	19.443	202	23854	0.346	ng/ul	99
20) Pyrene	19.806	202	21221	0.306	ng/ul	98
21) Benzo(a)anthracene	21.562	228	9622	0.170	ng/ul	96
22) Chrysene	21.617	228	12299	0.206	ng/ul	97
24) Benzo(b)fluoranthene	23.286	252	20260	0.366	ng/ul	87
26) Benzo(a)pyrene	23.929	252	9237	0.210	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.619	276	6714	0.123	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.639	278	1692	0.039	ng/ul#	47
29) Benzo(g,h,i)perylene	27.420	276	5775	0.129	ng/ul	93

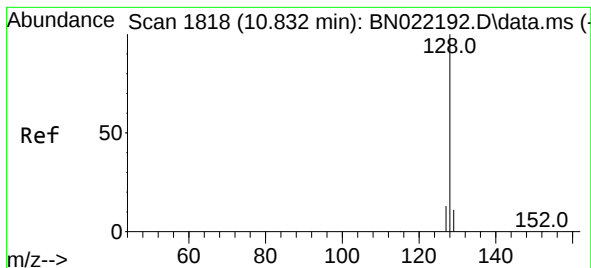
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.053 ng/ul

RT: 10.826 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BN022225.D

Acq: 20 Oct 2022 09:16

Instrument :

BNA_N

ClientSampleId :

C0BD3DL

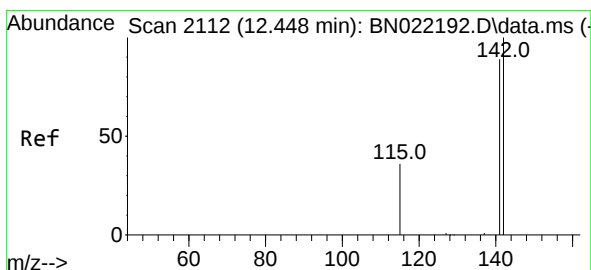
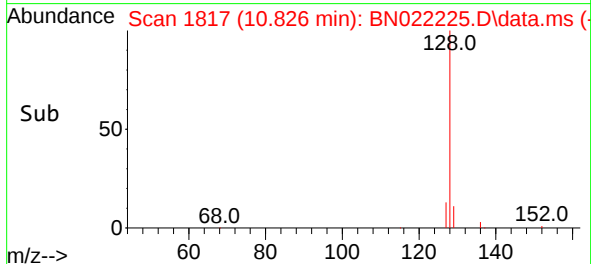
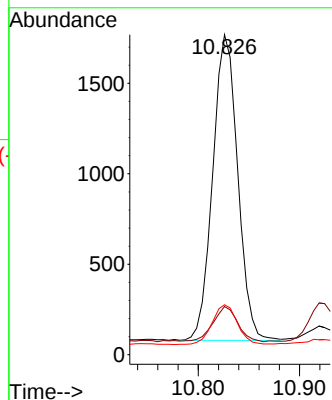
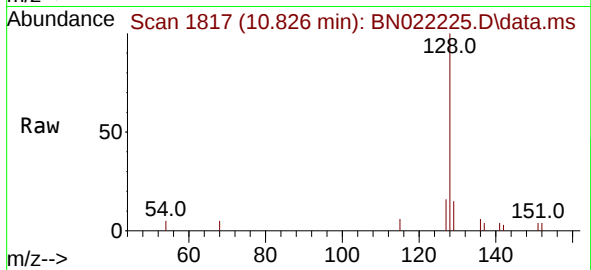
Tgt Ion:128 Resp: 2895

Ion Ratio Lower Upper

128 100

129 15.0 9.3 13.9#

127 15.6 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.048 ng/ul

RT: 12.448 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BN022225.D

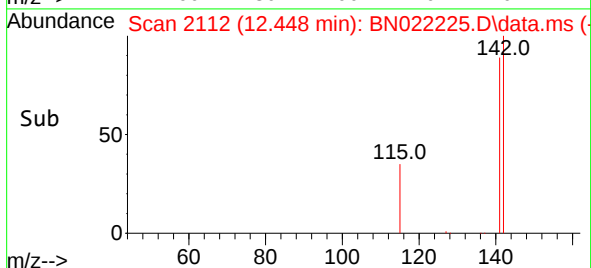
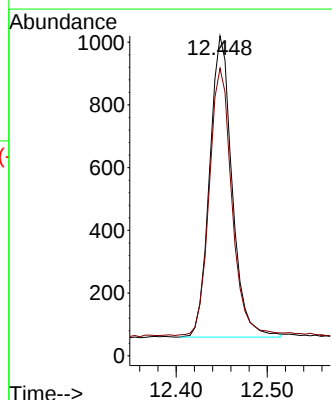
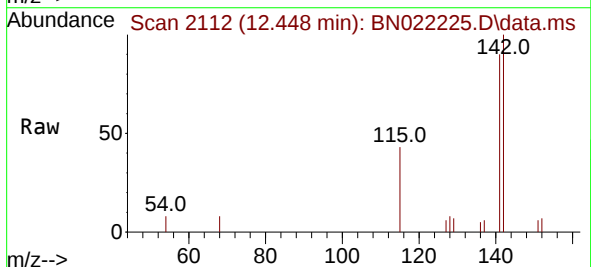
Acq: 20 Oct 2022 09:16

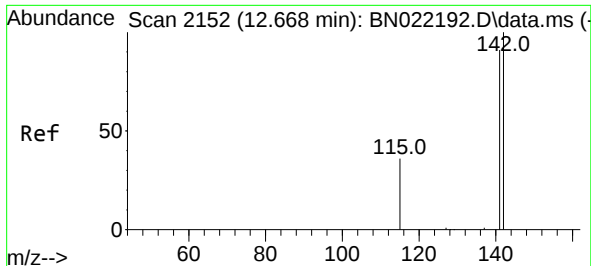
Tgt Ion:142 Resp: 1643

Ion Ratio Lower Upper

142 100

141 89.2 71.1 106.7

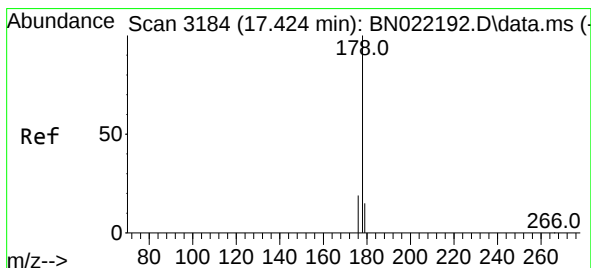
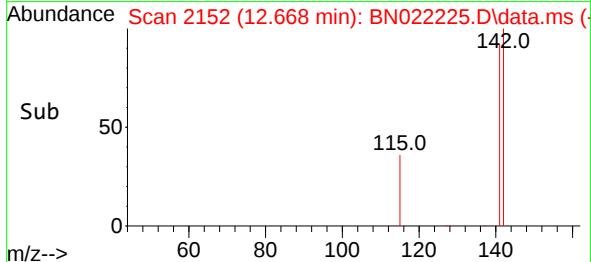
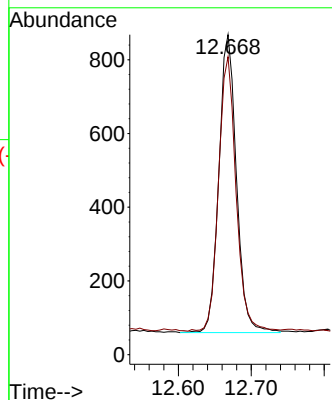
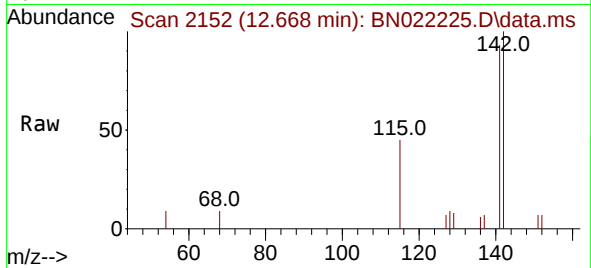




#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.668 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BN022225.D
Acq: 20 Oct 2022 09:16

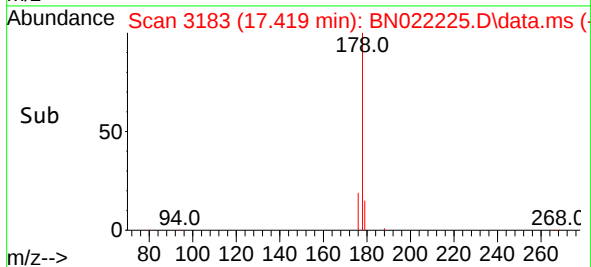
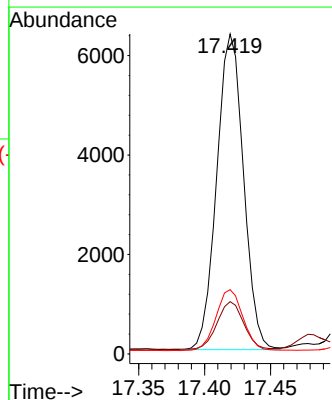
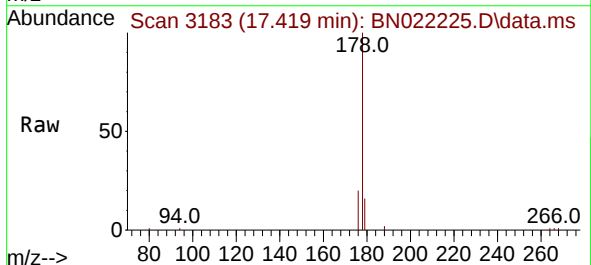
Instrument :
BNA_N
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C0BD3DL

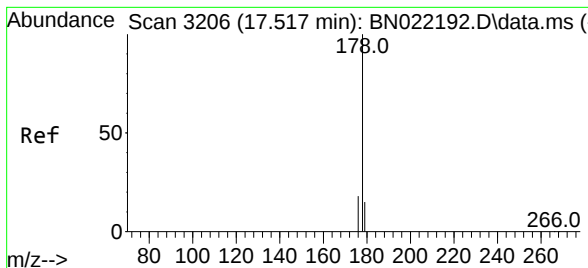
Tgt Ion:142 Resp: 1356
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9



#15
Phenanthrene
Concen: 0.125 ng/ul
RT: 17.419 min Scan# 3183
Delta R.T. -0.004 min
Lab File: BN022225.D
Acq: 20 Oct 2022 09:16

Tgt Ion:178 Resp: 8957
Ion Ratio Lower Upper
178 100
179 16.3 12.7 19.1
176 20.1 15.4 23.2





#16

Anthracene

Concen: 0.027 ng/ul

RT: 17.512 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN022225.D

Acq: 20 Oct 2022 09:16

Instrument :

BNA_N

ClientSampleId :

C0BD3DL

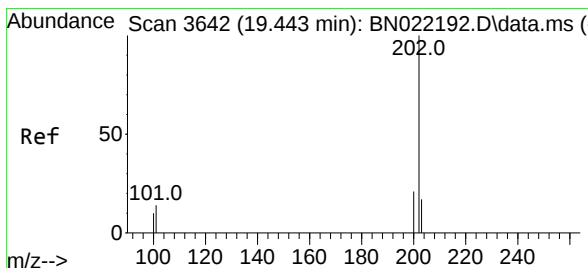
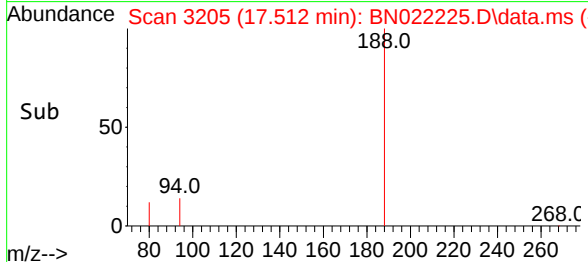
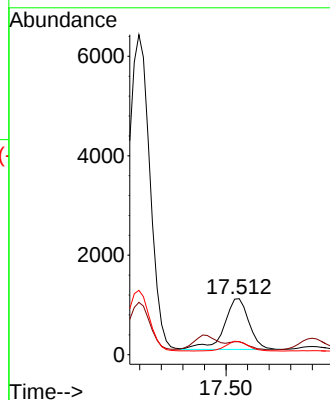
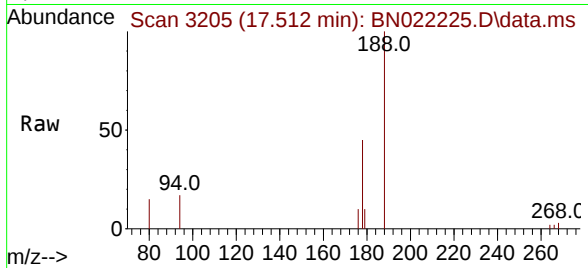
Tgt Ion:178 Resp: 1645

Ion Ratio Lower Upper

178 100

179 23.2 12.6 18.8#

176 23.2 15.0 22.6#



#19

Fluoranthene

Concen: 0.346 ng/ul

RT: 19.443 min Scan# 3642

Delta R.T. -0.000 min

Lab File: BN022225.D

Acq: 20 Oct 2022 09:16

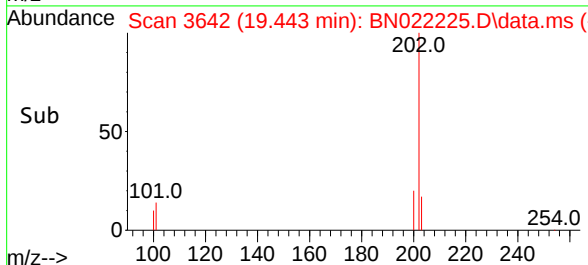
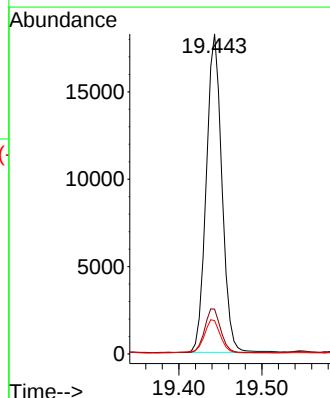
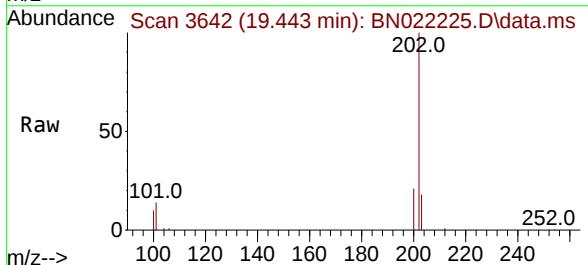
Tgt Ion:202 Resp: 23854

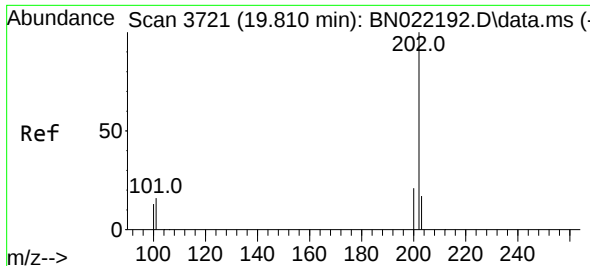
Ion Ratio Lower Upper

202 100

101 14.0 11.8 17.6

100 10.4 8.7 13.1

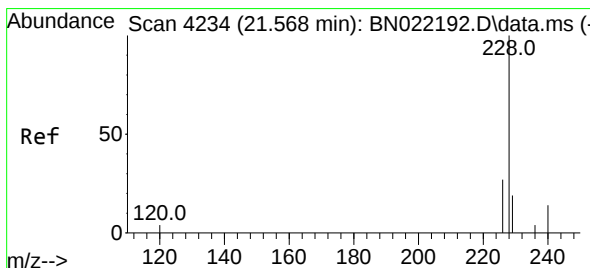
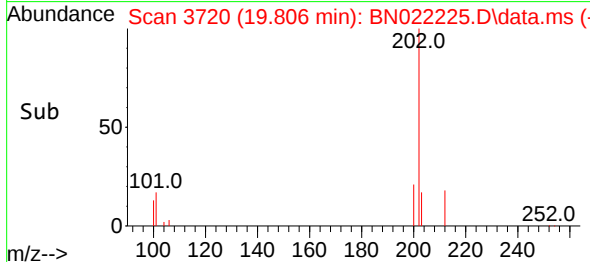
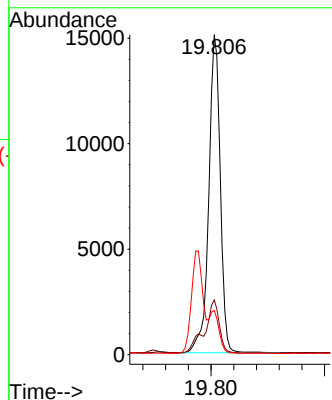
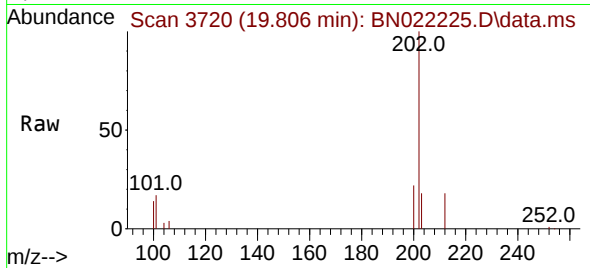




#20
Pyrene
Concen: 0.306 ng/u1
RT: 19.806 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN022225.D
Acq: 20 Oct 2022 09:16

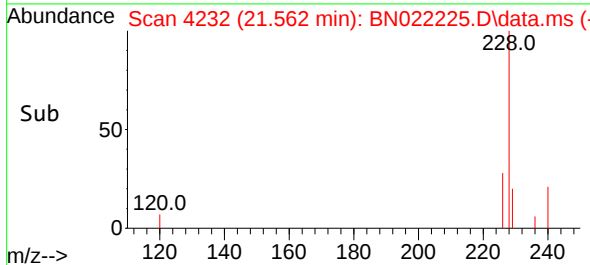
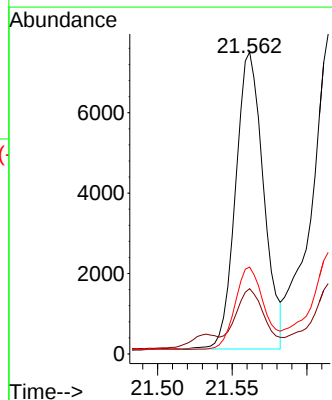
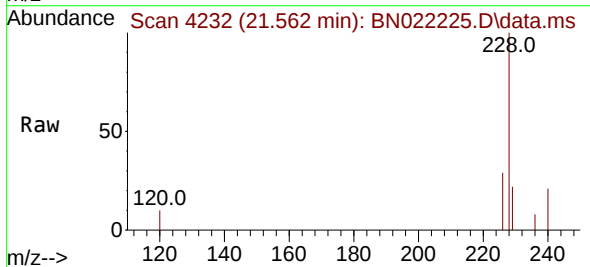
Instrument :
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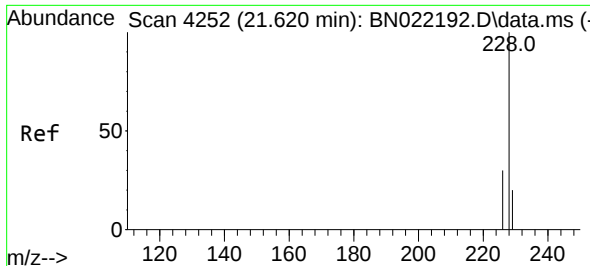
Tgt Ion:202 Resp: 21221
Ion Ratio Lower Upper
202 100
101 17.1 13.1 19.7
100 13.8 10.6 16.0



#21
Benzo(a)anthracene
Concen: 0.170 ng/u1
RT: 21.562 min Scan# 4232
Delta R.T. -0.006 min
Lab File: BN022225.D
Acq: 20 Oct 2022 09:16

Tgt Ion:228 Resp: 9622
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 28.8 21.5 32.3





#22

Chrysene

Concen: 0.206 ng/ul

RT: 21.617 min Scan# 41

Delta R.T. -0.003 min

Lab File: BN022225.D

Acq: 20 Oct 2022 09:16

Instrument :

BNA_N

ClientSampleId :

C0BD3DL

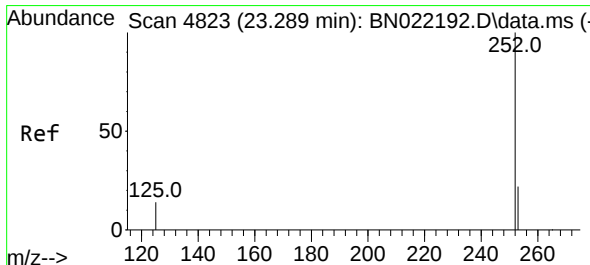
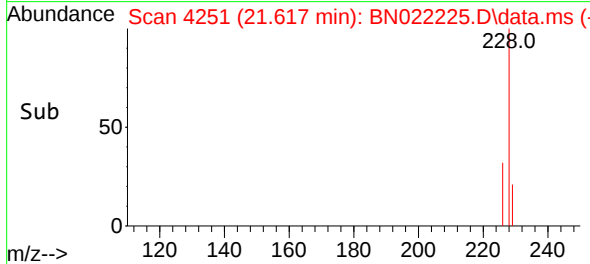
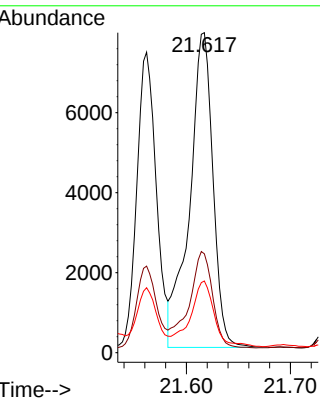
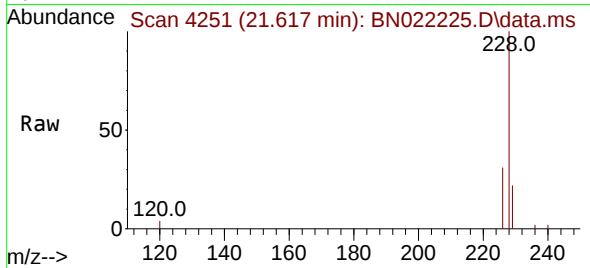
Tgt Ion:228 Resp: 12299

Ion Ratio Lower Upper

228 100

226 30.9 23.9 35.9

229 22.4 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 0.366 ng/ul

RT: 23.286 min Scan# 4822

Delta R.T. -0.003 min

Lab File: BN022225.D

Acq: 20 Oct 2022 09:16

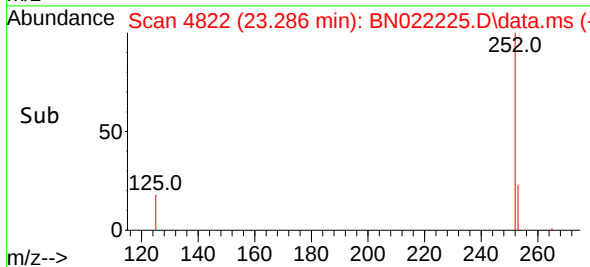
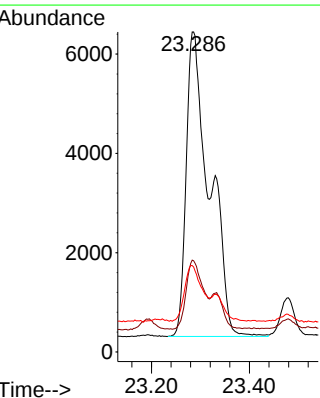
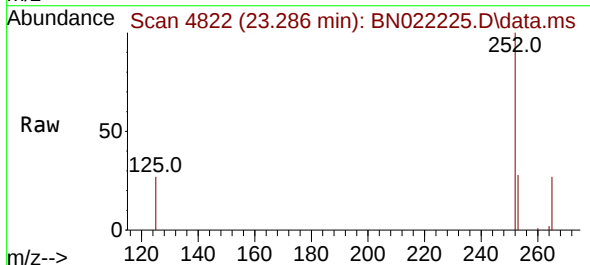
Tgt Ion:252 Resp: 20260

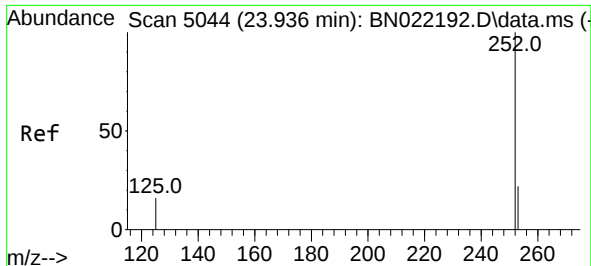
Ion Ratio Lower Upper

252 100

253 28.5 0.0 49.0

125 26.5 0.0 35.2

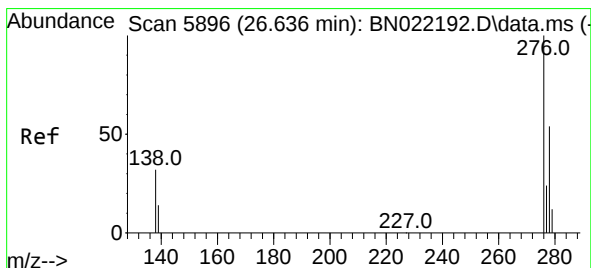
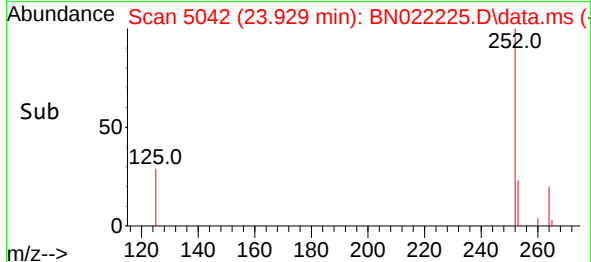
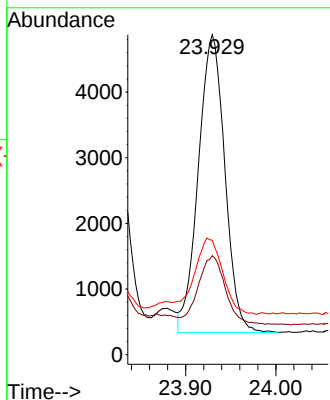
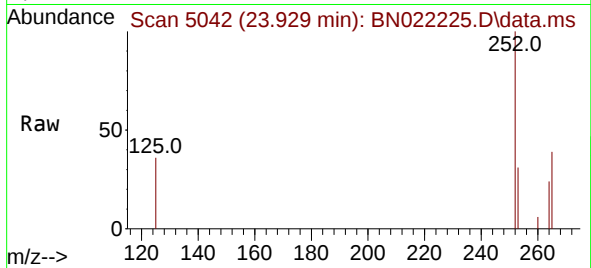




#26
Benzo(a)pyrene
Concen: 0.210 ng/ul
RT: 23.929 min Scan# 5042
Delta R.T. -0.006 min
Lab File: BN022225.D
Acq: 20 Oct 2022 09:16

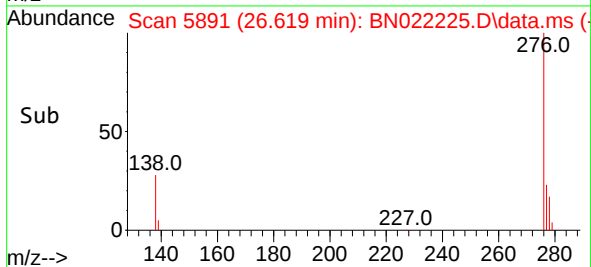
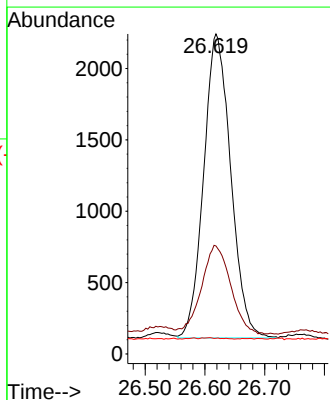
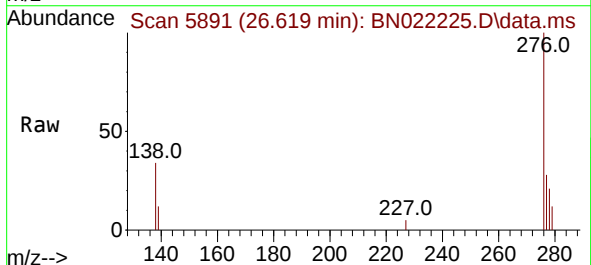
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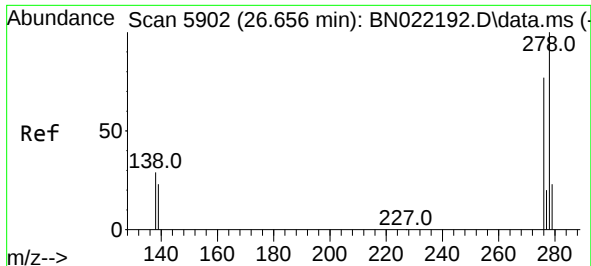
Tgt Ion:252 Resp: 9237
Ion Ratio Lower Upper
252 100
253 31.0 21.0 31.6
125 35.8 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.123 ng/ul
RT: 26.619 min Scan# 5891
Delta R.T. -0.017 min
Lab File: BN022225.D
Acq: 20 Oct 2022 09:16

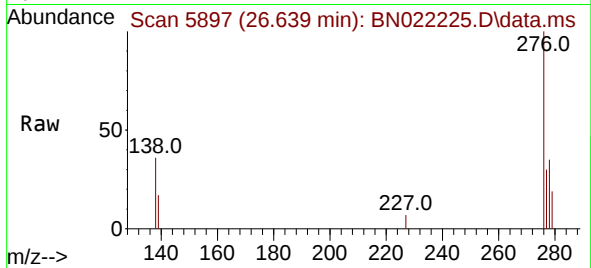
Tgt Ion:276 Resp: 6714
Ion Ratio Lower Upper
276 100
138 31.3 27.7 41.5
227 0.3 0.2 0.2#



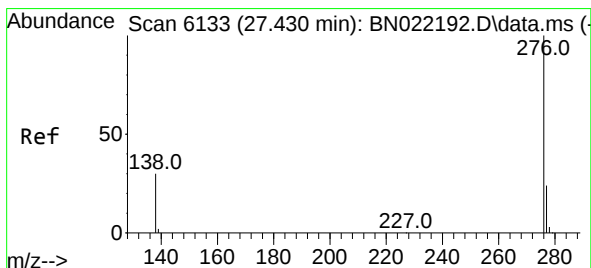
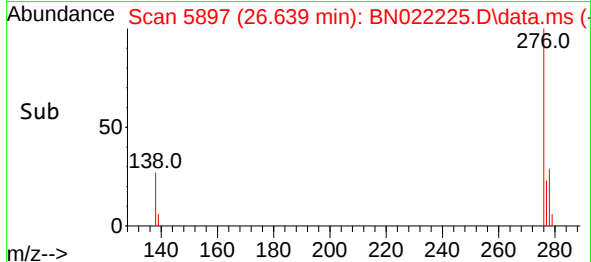
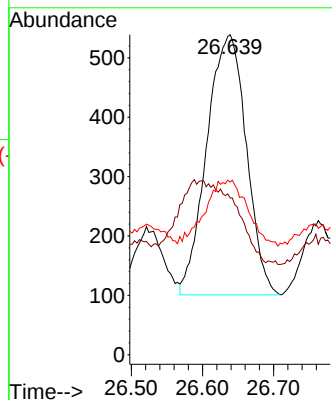


#28
Dibenzo(a,h)anthracene
Concen: 0.039 ng/ul
RT: 26.639 min Scan# 5897
Delta R.T. -0.017 min
Lab File: BN022225.D
Acq: 20 Oct 2022 09:16

Instrument :
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ClientSampleId :
C0BD3DL



Tgt Ion:278 Resp: 1692
Ion Ratio Lower Upper
278 100
139 49.0 19.6 29.4#
279 54.0 20.6 30.8#



#29
Benzo(g,h,i)perylene
Concen: 0.129 ng/ul
RT: 27.420 min Scan# 6130
Delta R.T. -0.010 min
Lab File: BN022225.D
Acq: 20 Oct 2022 09:16

Tgt Ion:276 Resp: 5775
Ion Ratio Lower Upper
276 100
138 35.2 25.2 37.8
277 29.1 19.9 29.9

