

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019872.D
 Acq On : 20 May 2022 17:04
 Operator : CG/JU
 Sample : N2843-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4H6

Quant Time: May 21 01:53:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

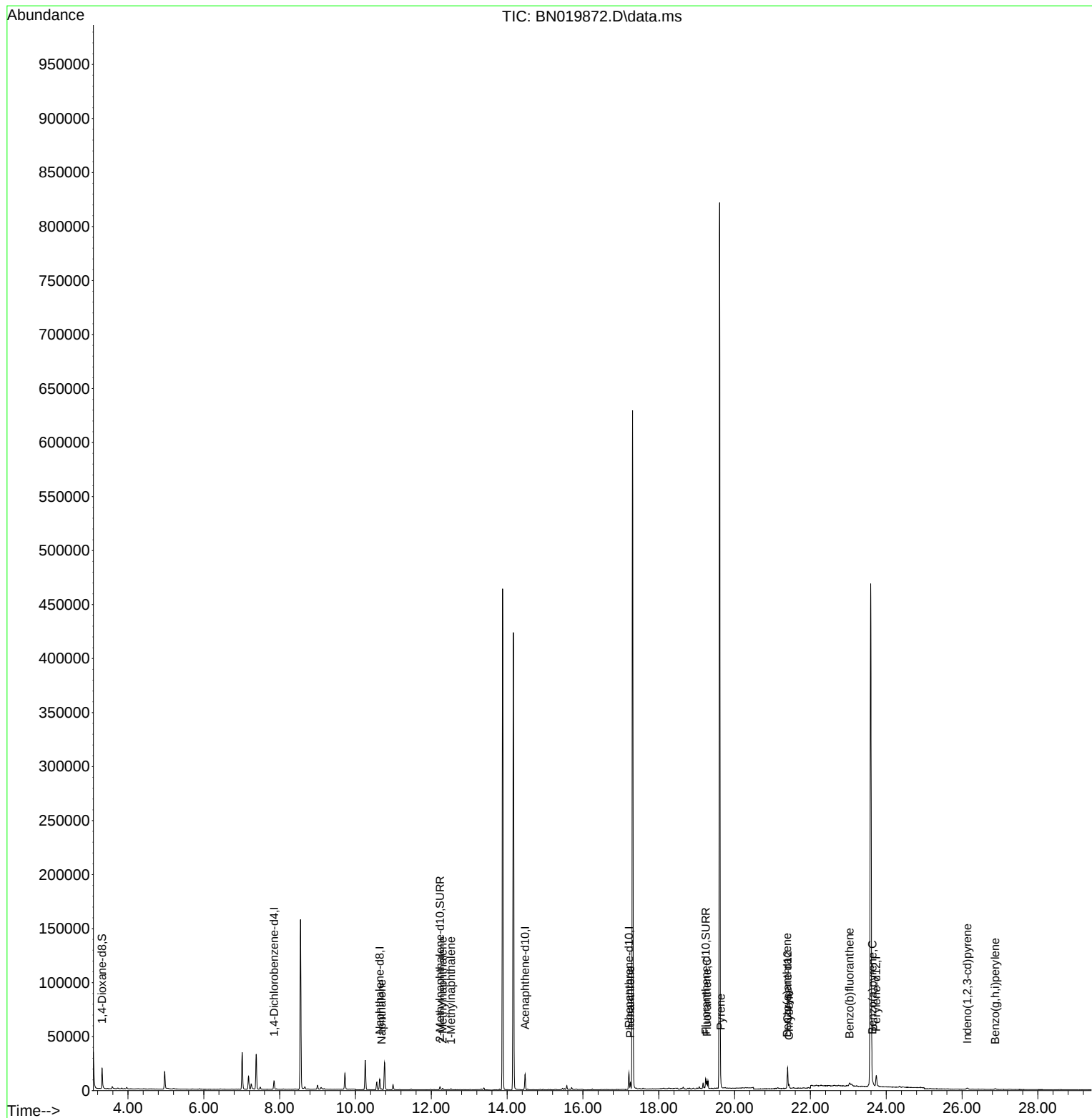
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	3940	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	13358	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	8241	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	18494	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	16775	0.400	ng/ul	0.00
23) Perylene-d12	23.735	264	14100	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	12809	2.747	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	3893	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	10457	0.197	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.689	128	1360	0.031	ng/ul#	78
7) 2-Methylnaphthalene	12.300	142	956	0.036	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	701	0.029	ng/ul#	100
15) Phenanthrene	17.251	178	6983	0.103	ng/ul#	94
19) Fluoranthene	19.271	202	6088	0.079	ng/ul#	93
20) Pyrene	19.634	202	6943	0.091	ng/ul#	94
21) Benzo(a)anthracene	21.382	228	3031	0.048	ng/ul#	77
22) Chrysene	21.435	228	4279	0.058	ng/ul#	81
24) Benzo(b)fluoranthene	23.030	252	5569	0.078	ng/ul#	1
26) Benzo(a)pyrene	23.636	252	2367	0.039	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.138	276	1534	0.020	ng/ul#	71
29) Benzo(g,h,i)perylene	26.875	276	1530	0.022	ng/ul#	49

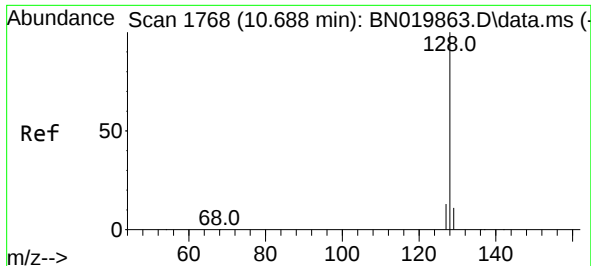
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
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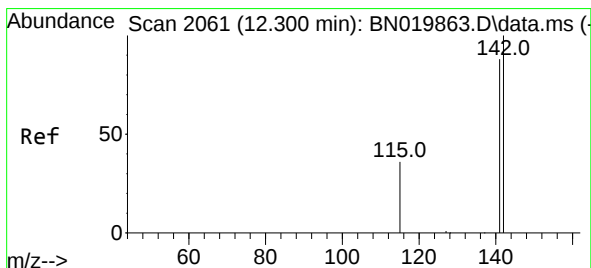
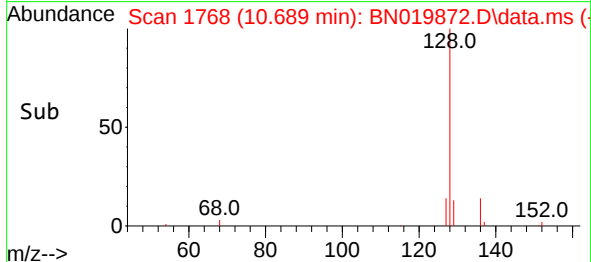
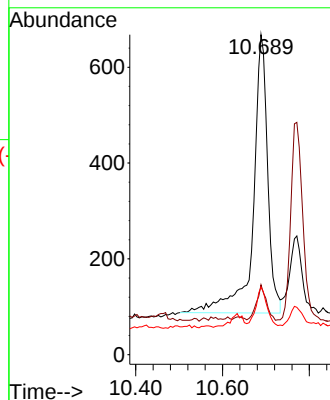
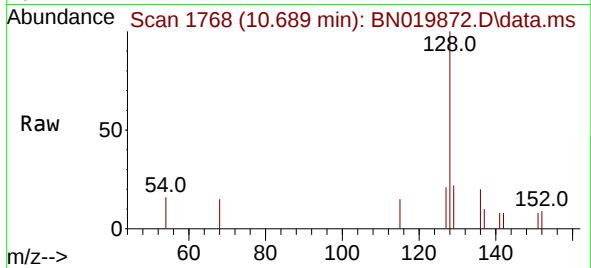




#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BN019872.D
Acq: 20 May 2022 17:04

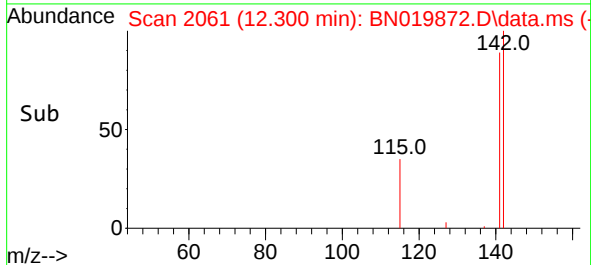
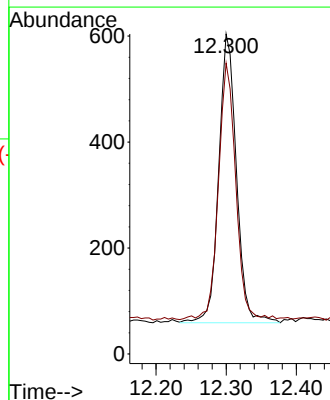
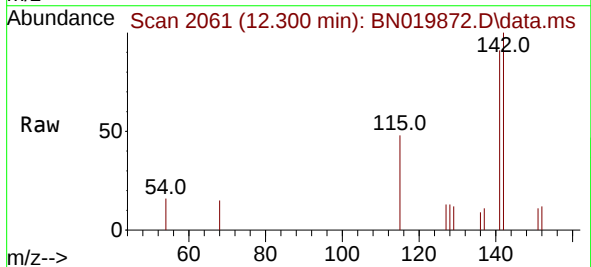
Instrument :
BNA_N
ClientSampleId :
EW4H6

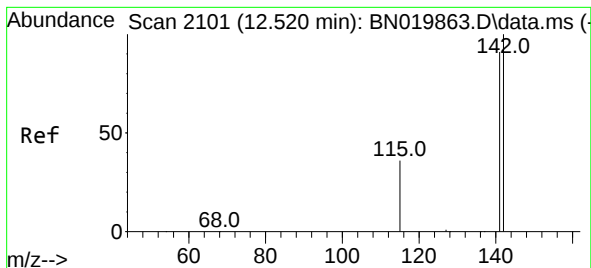
Tgt Ion:128 Resp: 1360
Ion Ratio Lower Upper
128 100
129 21.9 9.5 14.3#
127 21.1 11.0 16.4#



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN019872.D
Acq: 20 May 2022 17:04

Tgt Ion:142 Resp: 956
Ion Ratio Lower Upper
142 100
141 86.7 0.0 0.0#





#8

1-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.520 min Scan# 2101

Delta R.T. -0.006 min

Lab File: BN019872.D

Acq: 20 May 2022 17:04

Instrument :

BNA_N

ClientSampleId :

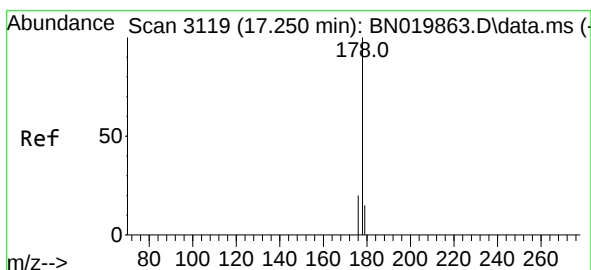
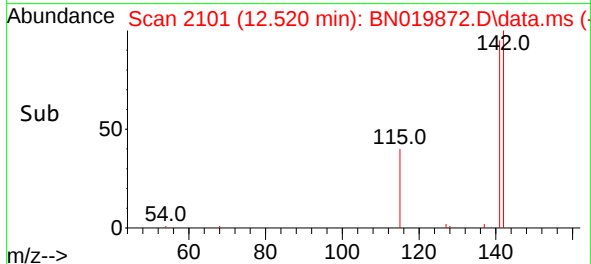
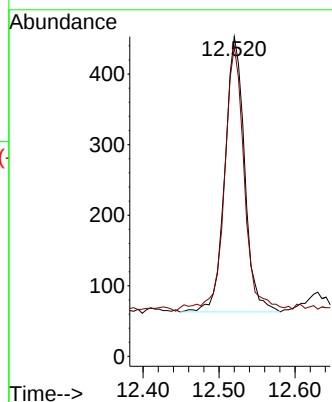
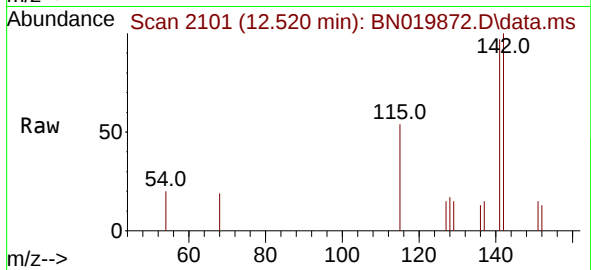
EW4H6

Tgt Ion:142 Resp: 701

Ion Ratio Lower Upper

142 100

141 98.3 0.0 0.0#



#15

Phenanthrene

Concen: 0.103 ng/ul

RT: 17.251 min Scan# 3119

Delta R.T. -0.004 min

Lab File: BN019872.D

Acq: 20 May 2022 17:04

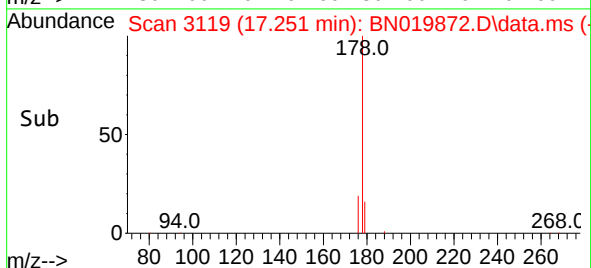
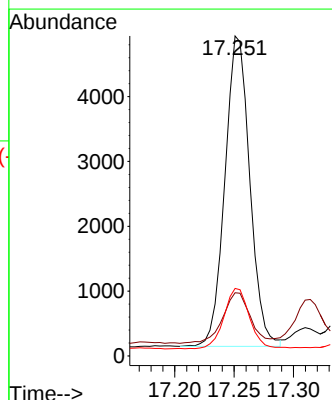
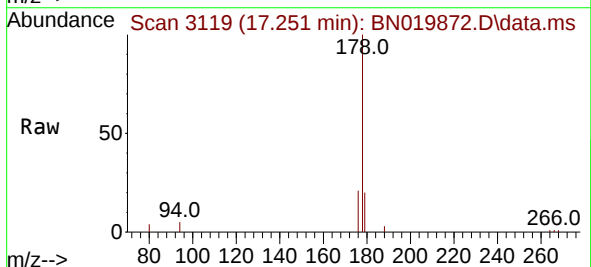
Tgt Ion:178 Resp: 6983

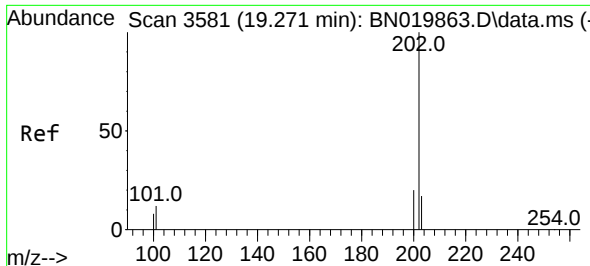
Ion Ratio Lower Upper

178 100

179 19.8 12.9 19.3#

176 21.1 15.5 23.3

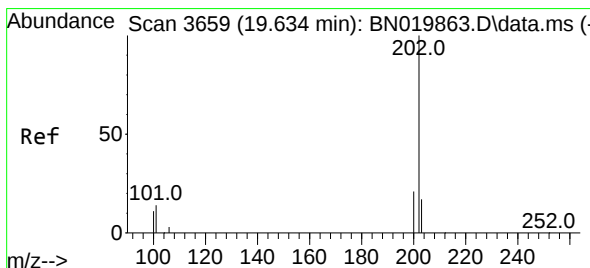
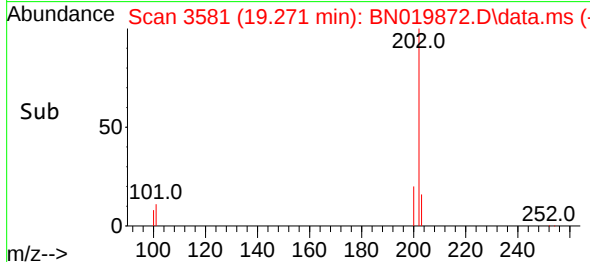
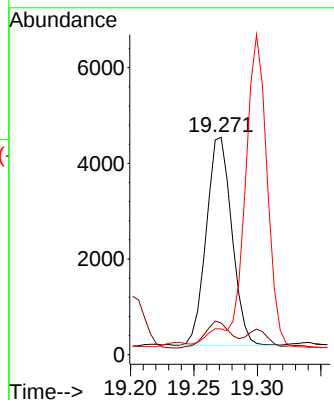
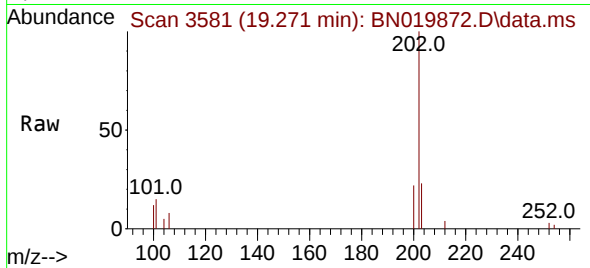




#19
Fluoranthene
Concen: 0.079 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN019872.D
Acq: 20 May 2022 17:04

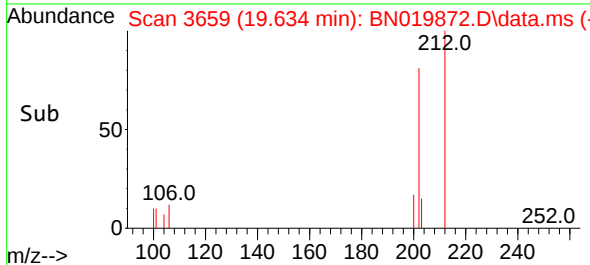
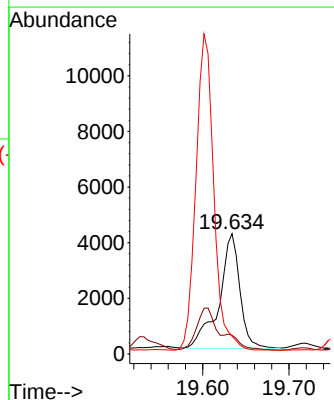
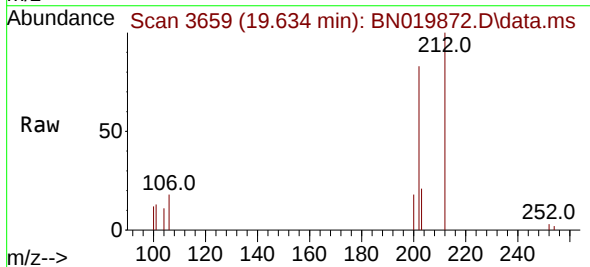
Instrument :
BNA_N
ClientSampleId :
EW4H6

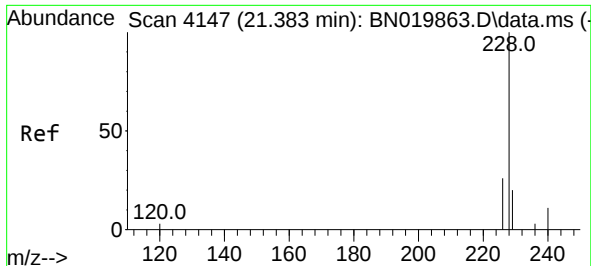
Tgt Ion:202 Resp: 6088
Ion Ratio Lower Upper
202 100
101 14.6 9.7 14.5#
100 11.8 7.4 11.2#



#20
Pyrene
Concen: 0.091 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN019872.D
Acq: 20 May 2022 17:04

Tgt Ion:202 Resp: 6943
Ion Ratio Lower Upper
202 100
101 15.5 11.4 17.0
100 14.8 9.0 13.4#

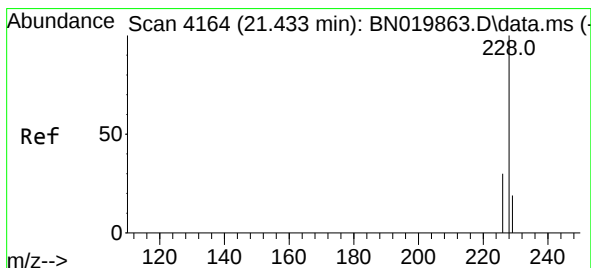
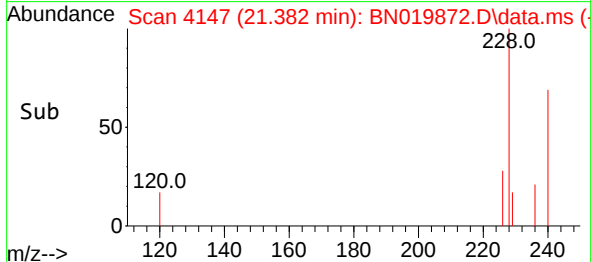
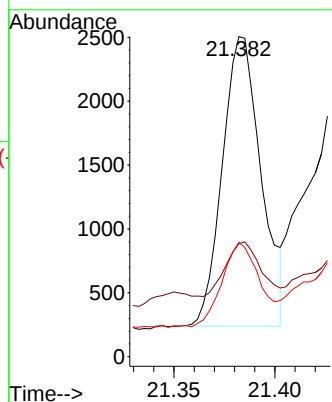
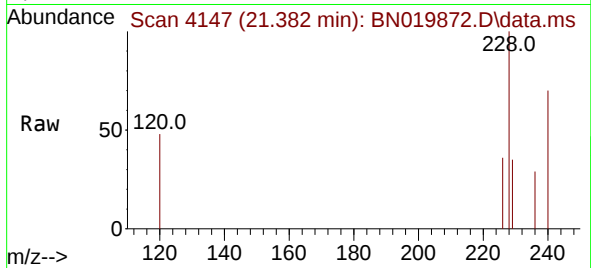




#21
Benzo(a)anthracene
Concen: 0.048 ng/ul
RT: 21.382 min Scan# 4147
Delta R.T. -0.006 min
Lab File: BN019872.D
Acq: 20 May 2022 17:04

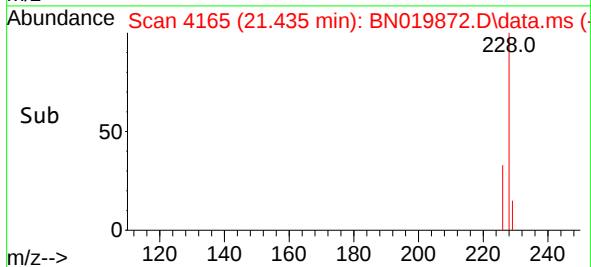
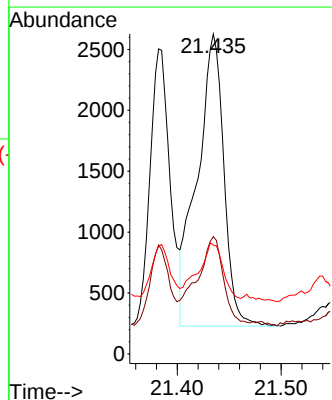
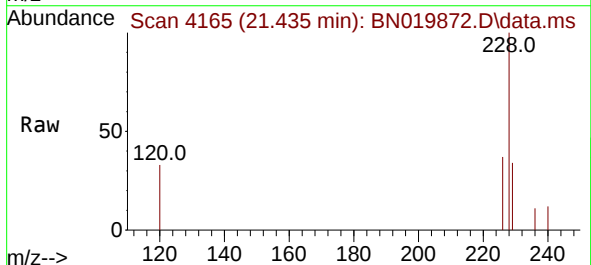
Instrument :
BNA_N
ClientSampleId :
EW4H6

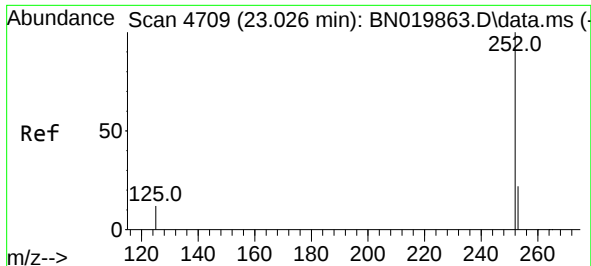
Tgt Ion:228 Resp: 3031
Ion Ratio Lower Upper
228 100
229 35.3 16.1 24.1#
226 35.7 22.1 33.1#



#22
Chrysene
Concen: 0.058 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BN019872.D
Acq: 20 May 2022 17:04

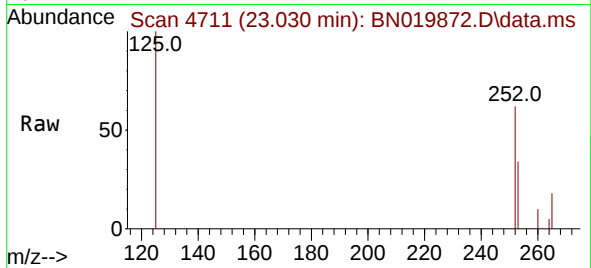
Tgt Ion:228 Resp: 4279
Ion Ratio Lower Upper
228 100
226 36.7 24.2 36.2#
229 34.0 16.0 24.0#



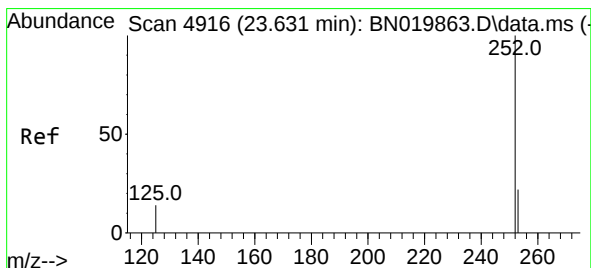
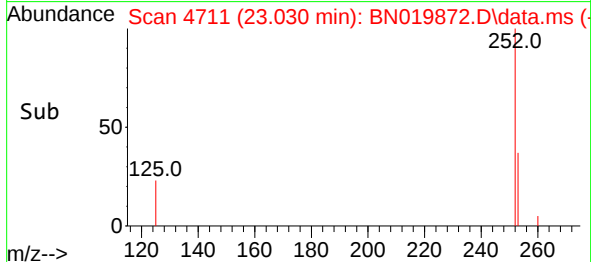
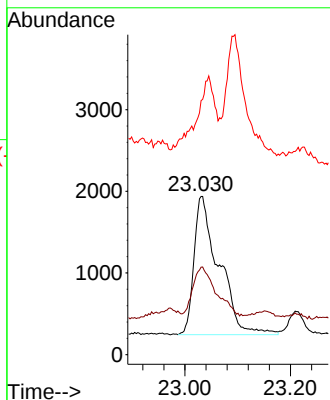


#24
Benzo(b)fluoranthene
Concen: 0.078 ng/ul
RT: 23.030 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BN019872.D
Acq: 20 May 2022 17:04

Instrument :
BNA_N
ClientSampleId :
EW4H6

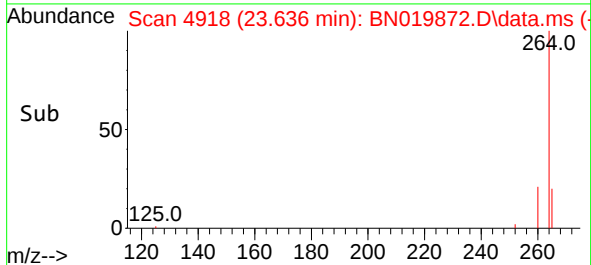
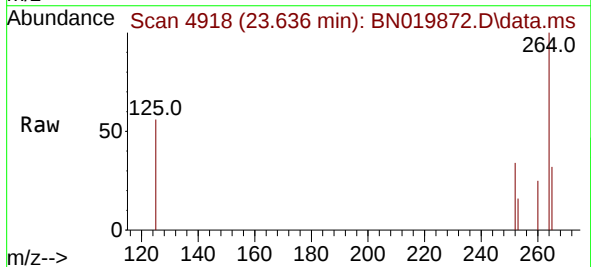
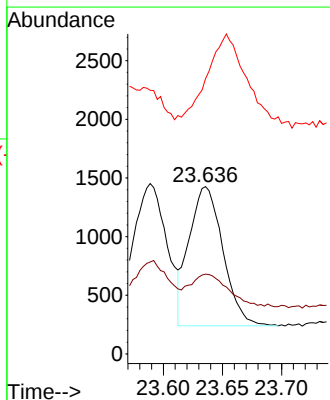


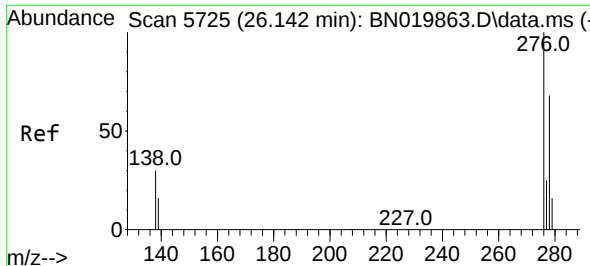
Tgt Ion:252 Resp: 5569
Ion Ratio Lower Upper
252 100
253 55.3 0.0 52.0#
125 160.5 0.0 40.2#



#26
Benzo(a)pyrene
Concen: 0.039 ng/ul
RT: 23.636 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN019872.D
Acq: 20 May 2022 17:04

Tgt Ion:252 Resp: 2367
Ion Ratio Lower Upper
252 100
253 47.7 23.4 35.0#
125 164.5 28.3 42.5#

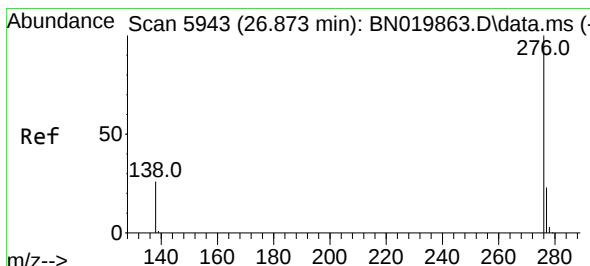
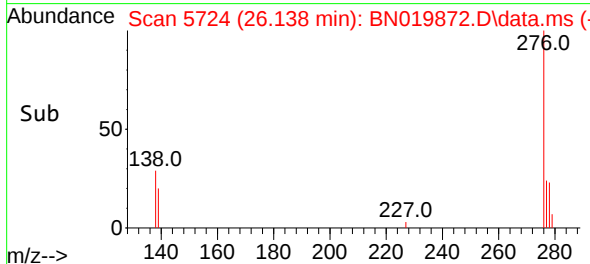
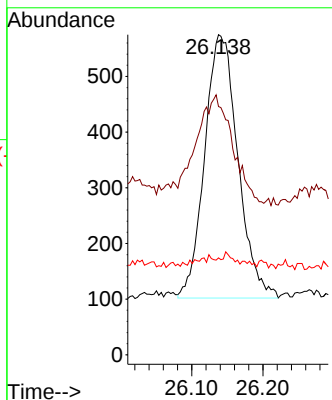
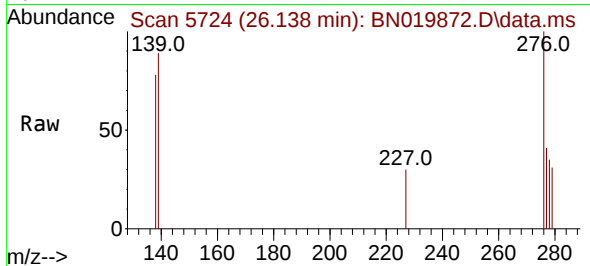




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.020 ng/ul
 RT: 26.138 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BN019872.D
 Acq: 20 May 2022 17:04

Instrument :
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Tgt Ion:276 Resp: 1534
 Ion Ratio Lower Upper
 276 100
 138 44.9 23.6 35.4#
 227 2.4 0.0 0.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.022 ng/ul
 RT: 26.875 min Scan# 5944
 Delta R.T. -0.003 min
 Lab File: BN019872.D
 Acq: 20 May 2022 17:04

Tgt Ion:276 Resp: 1530
 Ion Ratio Lower Upper
 276 100
 138 63.8 20.9 31.3#
 277 39.1 20.4 30.6#

