

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041822\
 Data File : BN019474.D
 Acq On : 18 Apr 2022 12:22
 Operator : CG/JU
 Sample : SST0.224
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.224

Quant Time: Apr 18 15:04:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 15:02:34 2022
 Response via : Initial Calibration

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

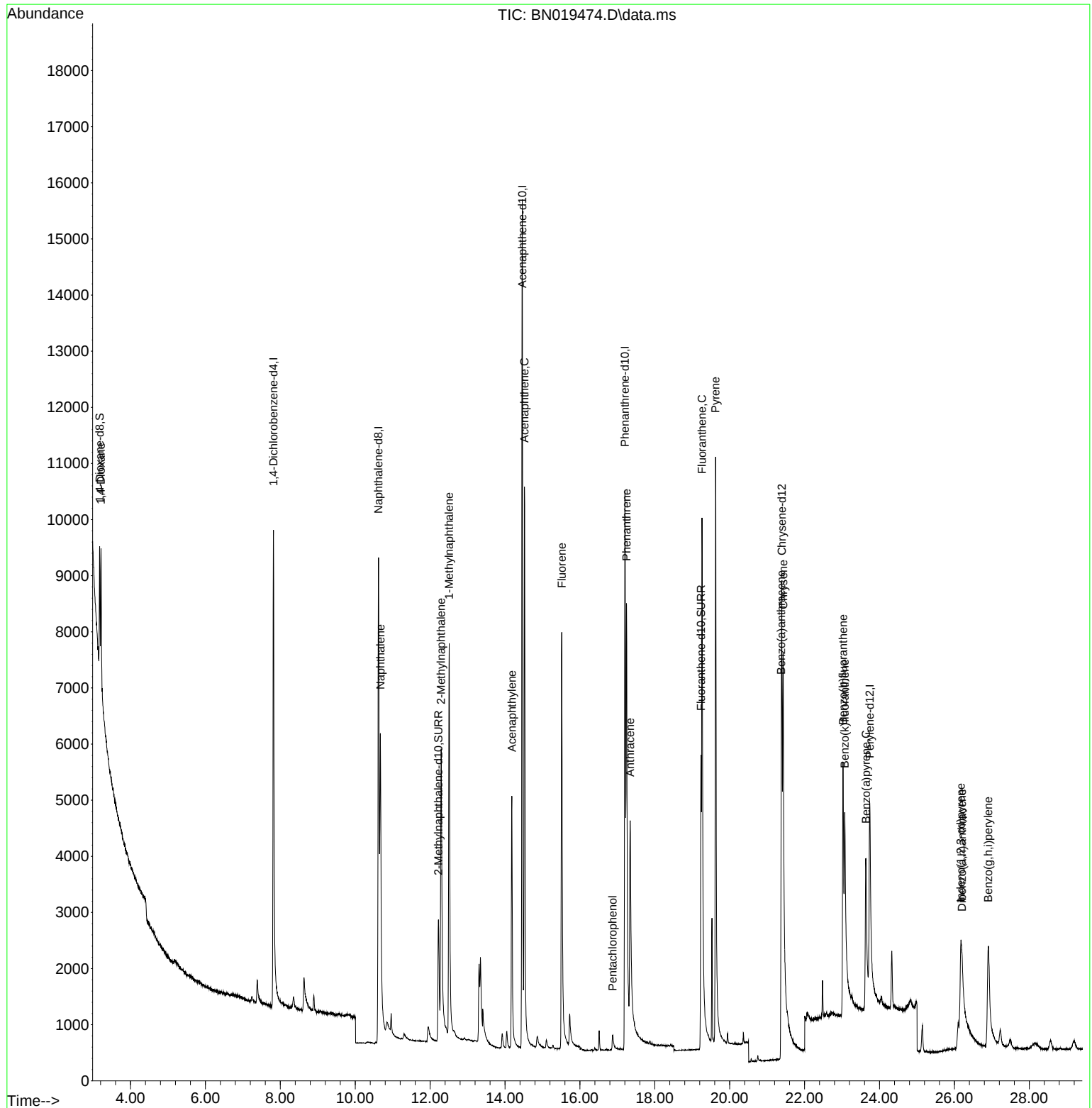
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	5798	0.400	ng/ul	0.00
4) Naphthalene-d8	10.622	136	17069	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.460	164	9531	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	15203	0.400	ng/ul	0.00
17) Chrysene-d12	21.392	240	9751	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	6890	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.177	96	1465	0.196	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	4370	0.181	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	7781	0.215	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	1478	0.206	ng/ul#	49
5) Naphthalene	10.672	128	9561	0.197	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	5724	0.181	ng/ul#	100
8) 1-Methylnaphthalene	12.509	142	6277	0.189	ng/ul#	100
10) Acenaphthylene	14.182	152	6730	0.195	ng/ul	99
11) Acenaphthene	14.520	153	6760	0.196	ng/ul	98
12) Fluorene	15.515	166	6794	0.177	ng/ul	98
14) Pentachlorophenol	16.875	266	348	0.143	ng/ul	88
15) Phenanthrene	17.246	178	10176	0.201	ng/ul	99
16) Anthracene	17.343	178	6996	0.180	ng/ul	96
19) Fluoranthene	19.261	202	10508	0.217	ng/ul	97
20) Pyrene	19.624	202	12385	0.240	ng/ul	97
21) Benzo(a)anthracene	21.377	228	5312	0.177	ng/ul	98
22) Chrysene	21.427	228	7106	0.181	ng/ul	99
24) Benzo(b)fluoranthene	23.029	252	6303	0.198	ng/ul	85
25) Benzo(k)fluoranthene	23.072	252	6635	0.180	ng/ul#	92
26) Benzo(a)pyrene	23.640	252	5514	0.202	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.169	276	5718	0.189	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.206	278	3714	0.172	ng/ul#	84
29) Benzo(g,h,i)perylene	26.907	276	6232	0.213	ng/ul	96

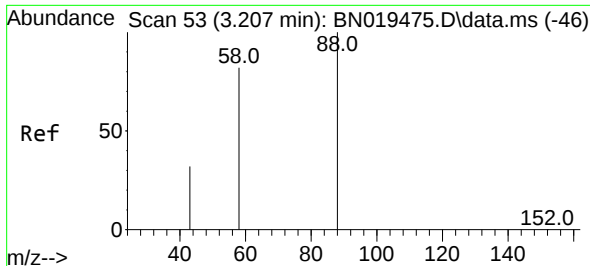
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SSTD0.2224

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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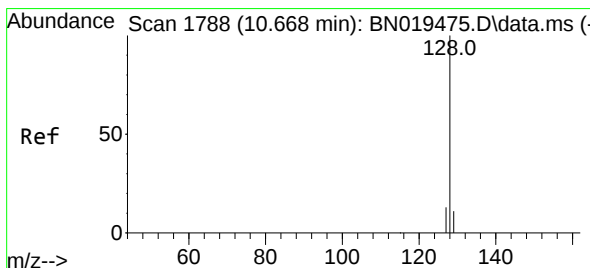
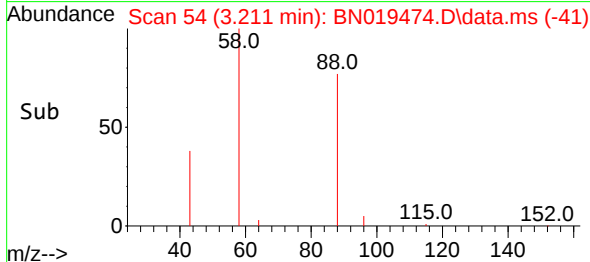
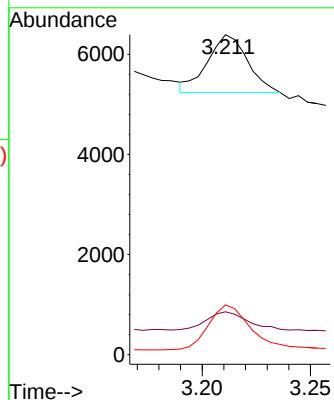
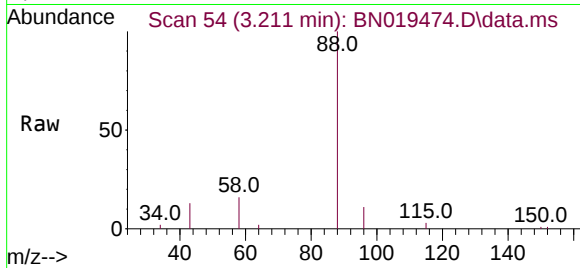




#2
1,4-Dioxane
Concen: 0.206 ng/ul
RT: 3.211 min Scan# 54
Delta R.T. 0.004 min
Lab File: BN019474.D
Acq: 18 Apr 2022 12:22

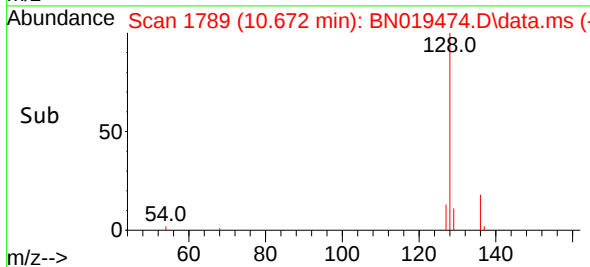
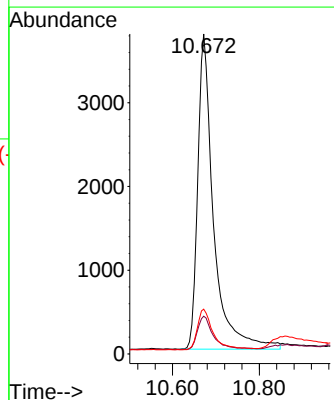
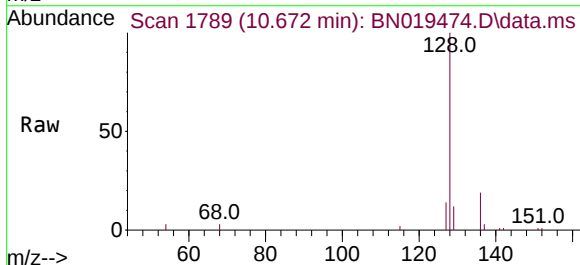
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

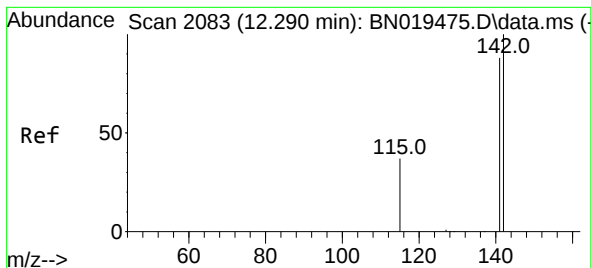
Tgt Ion: 88 Resp: 1478
Ion Ratio Lower Upper
88 100
43 13.4 39.0 58.4#
58 15.5 39.8 59.8#



#5
Naphthalene
Concen: 0.197 ng/ul
RT: 10.672 min Scan# 1789
Delta R.T. 0.004 min
Lab File: BN019474.D
Acq: 18 Apr 2022 12:22

Tgt Ion: 128 Resp: 9561
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 14.0 11.0 16.4





#7

2-Methylnaphthalene

Concen: 0.181 ng/ul

RT: 12.294 min Scan# 2083

Delta R.T. 0.004 min

Lab File: BN019474.D

Acq: 18 Apr 2022 12:22

Instrument :

BNA_N

ClientSampleId :

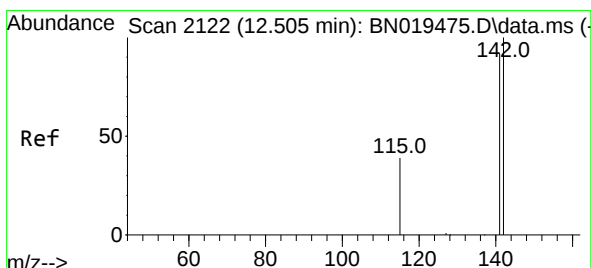
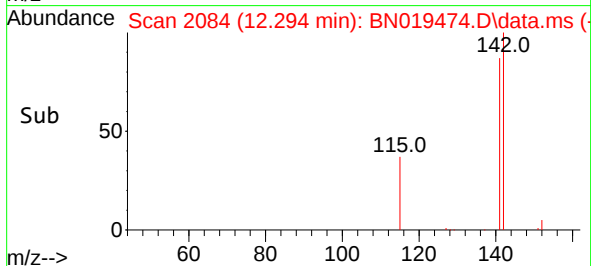
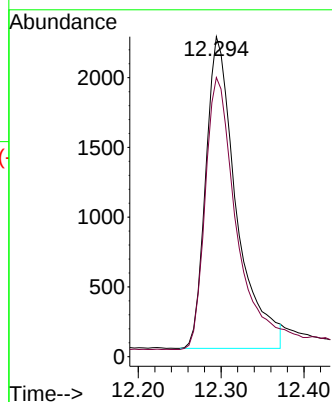
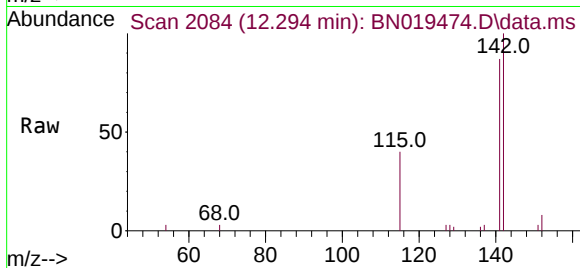
SSTD0.2224

Tgt Ion:142 Resp: 5724

Ion Ratio Lower Upper

142 100

141 89.2 0.0 0.0#



#8

1-Methylnaphthalene

Concen: 0.189 ng/ul

RT: 12.509 min Scan# 2123

Delta R.T. 0.004 min

Lab File: BN019474.D

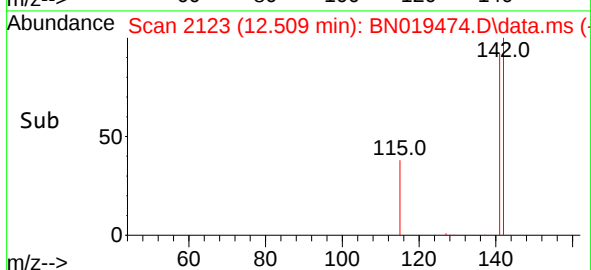
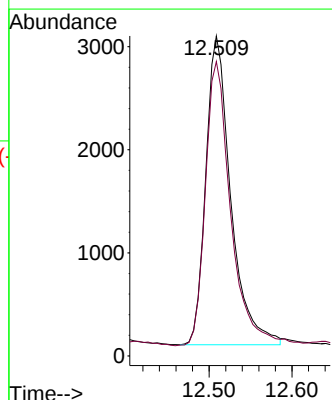
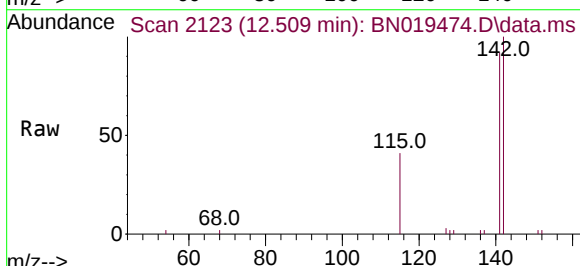
Acq: 18 Apr 2022 12:22

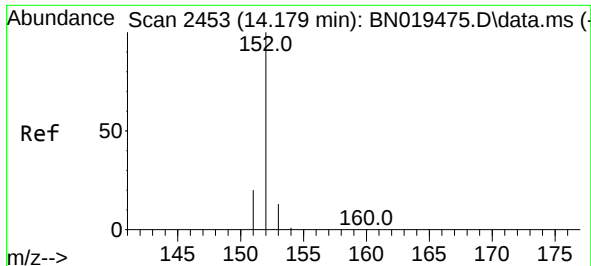
Tgt Ion:142 Resp: 6277

Ion Ratio Lower Upper

142 100

141 92.8 0.0 0.0#

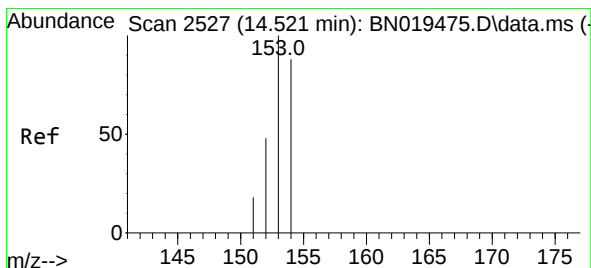
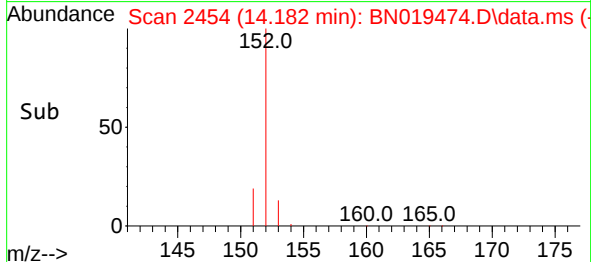
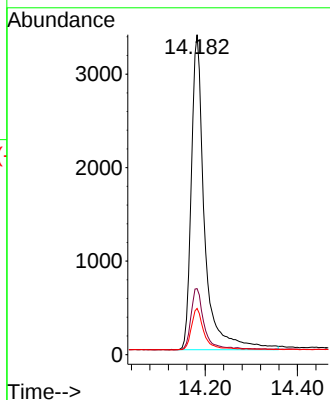
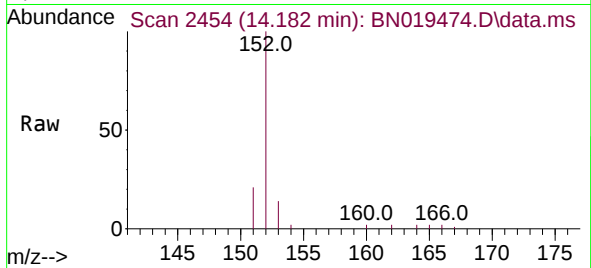




#10
Acenaphthylene
Concen: 0.195 ng/ul
RT: 14.182 min Scan# 2453
Delta R.T. 0.003 min
Lab File: BN019474.D
Acq: 18 Apr 2022 12:22

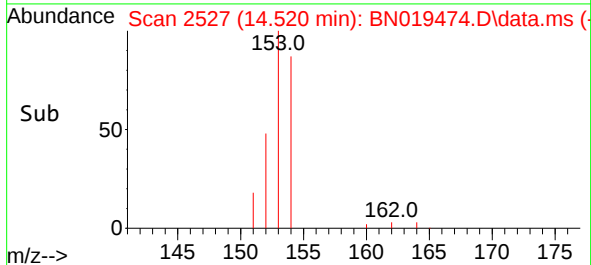
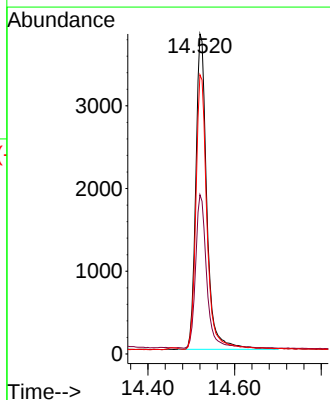
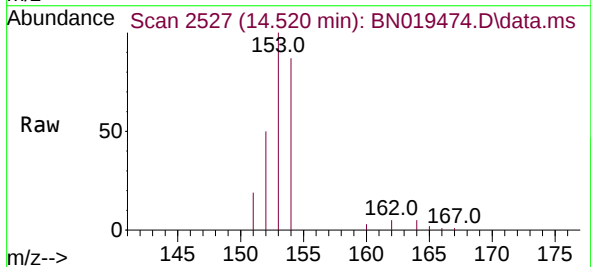
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

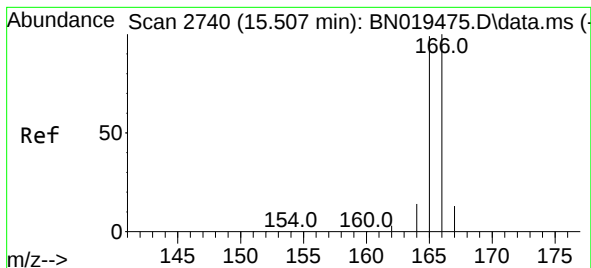
Tgt Ion:152 Resp: 6730
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 14.4 11.1 16.7



#11
Acenaphthene
Concen: 0.196 ng/ul
RT: 14.520 min Scan# 2527
Delta R.T. -0.001 min
Lab File: BN019474.D
Acq: 18 Apr 2022 12:22

Tgt Ion:153 Resp: 6760
Ion Ratio Lower Upper
153 100
152 49.7 38.6 57.8
154 87.2 71.2 106.8





#12

Fluorene

Concen: 0.177 ng/ul

RT: 15.515 min Scan# 21

Delta R.T. 0.008 min

Lab File: BN019474.D

Acq: 18 Apr 2022 12:22

Instrument :

BNA_N

ClientSampleId :

SSTD0.2224

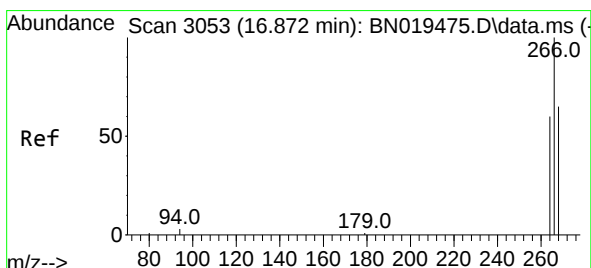
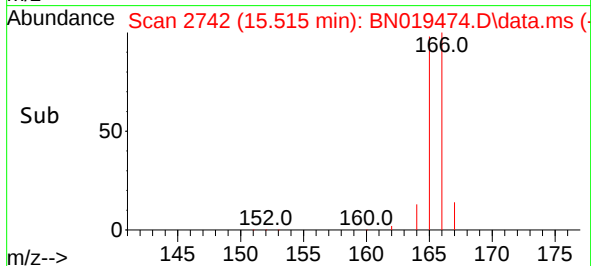
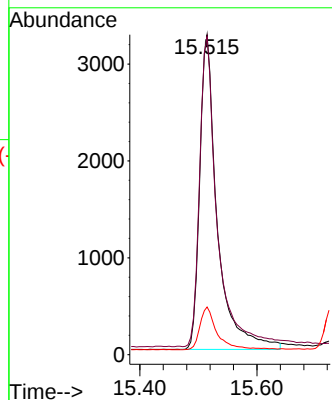
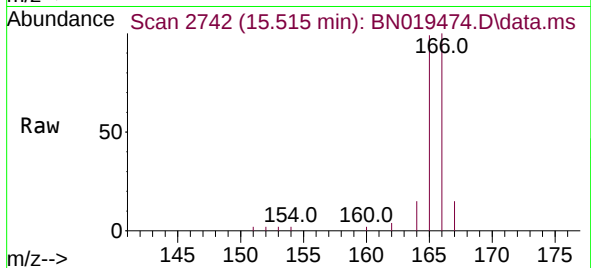
Tgt Ion:166 Resp: 6794

Ion Ratio Lower Upper

166 100

165 99.4 78.2 117.2

167 14.9 11.3 16.9



#14

Pentachlorophenol

Concen: 0.143 ng/ul

RT: 16.875 min Scan# 3054

Delta R.T. 0.003 min

Lab File: BN019474.D

Acq: 18 Apr 2022 12:22

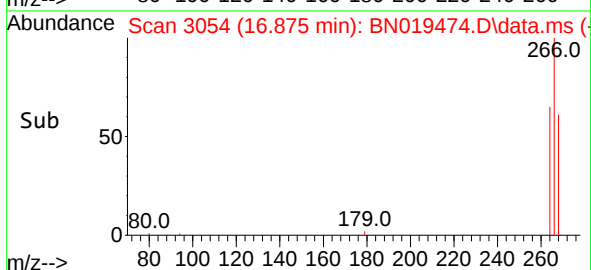
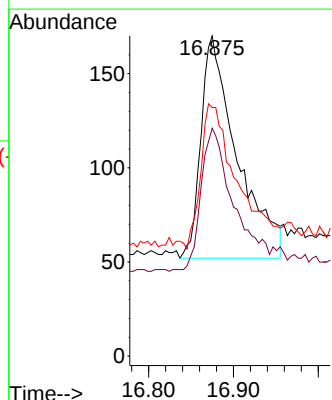
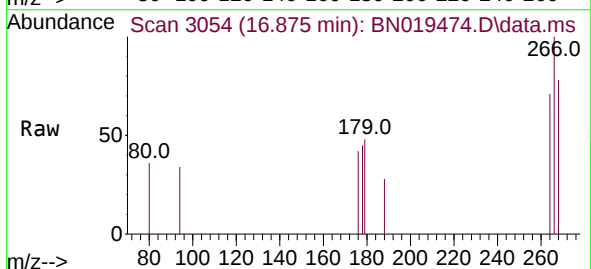
Tgt Ion:266 Resp: 348

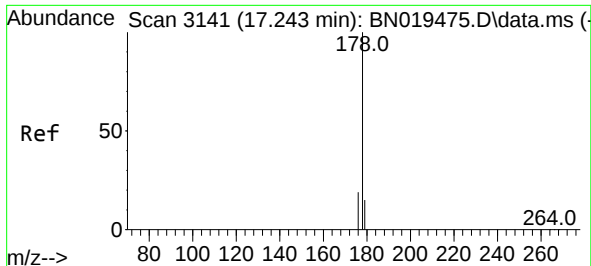
Ion Ratio Lower Upper

266 100

264 63.2 44.9 67.3

268 66.7 44.6 67.0

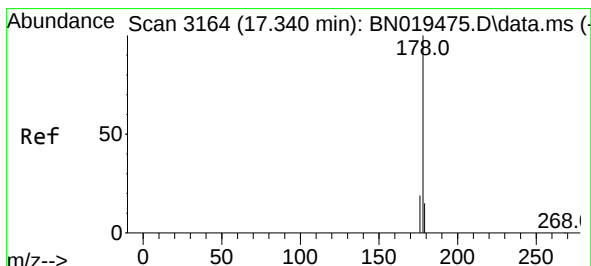
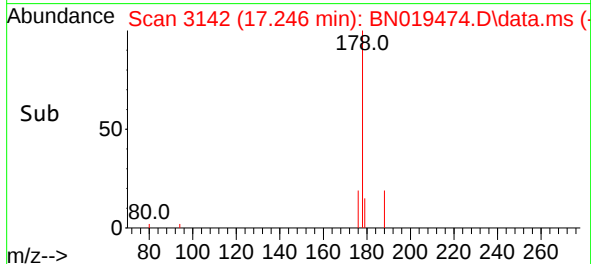
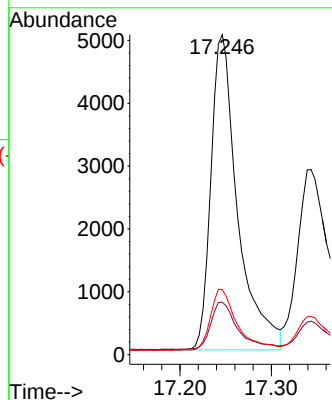
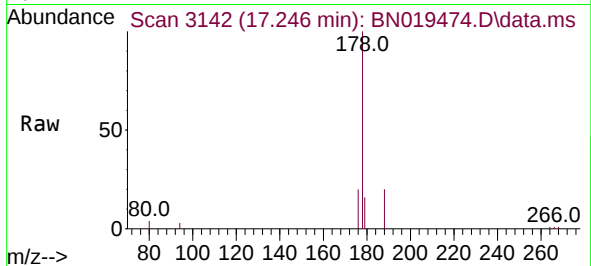




#15
Phenanthrene
Concen: 0.201 ng/ul
RT: 17.246 min Scan# 3142
Delta R.T. 0.003 min
Lab File: BN019474.D
Acq: 18 Apr 2022 12:22

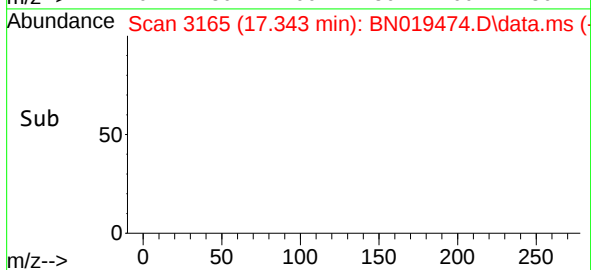
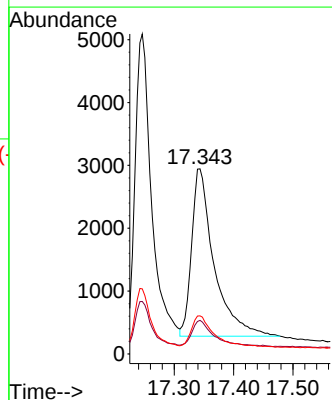
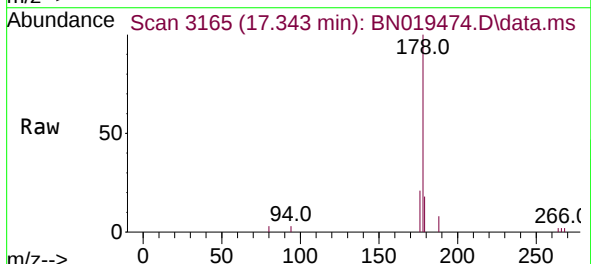
Instrument :
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SSTD0.2224

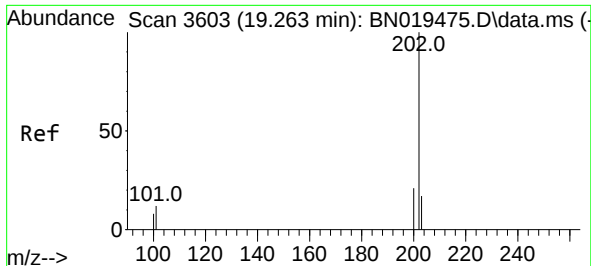
Tgt Ion:178 Resp: 10176
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 20.3 15.5 23.3



#16
Anthracene
Concen: 0.180 ng/ul
RT: 17.343 min Scan# 3165
Delta R.T. 0.003 min
Lab File: BN019474.D
Acq: 18 Apr 2022 12:22

Tgt Ion:178 Resp: 6996
Ion Ratio Lower Upper
178 100
179 18.1 13.1 19.7
176 20.6 15.3 22.9





#19

Fluoranthene

Concen: 0.217 ng/ul

RT: 19.261 min Scan# 3603

Delta R.T. -0.002 min

Lab File: BN019474.D

Acq: 18 Apr 2022 12:22

Instrument :

BNA_N

ClientSampleId :

SSTD0.2224

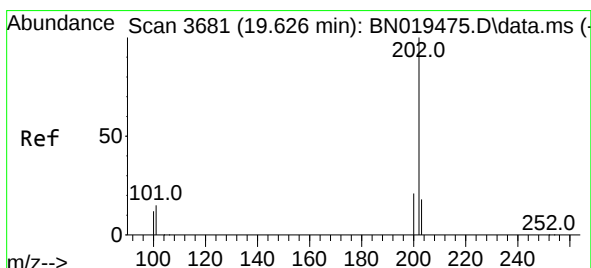
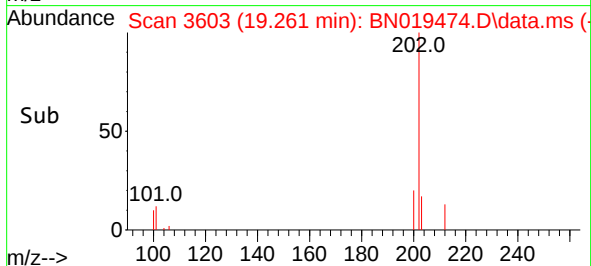
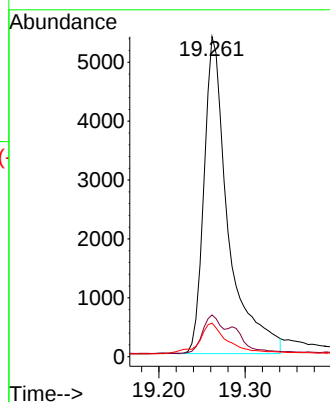
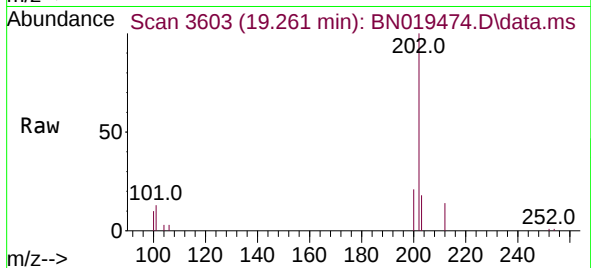
Tgt Ion:202 Resp: 10508

Ion Ratio Lower Upper

202 100

101 13.0 9.7 14.5

100 10.5 7.4 11.2



#20

Pyrene

Concen: 0.240 ng/ul

RT: 19.624 min Scan# 3681

Delta R.T. -0.002 min

Lab File: BN019474.D

Acq: 18 Apr 2022 12:22

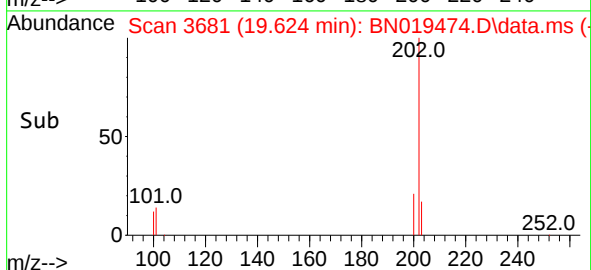
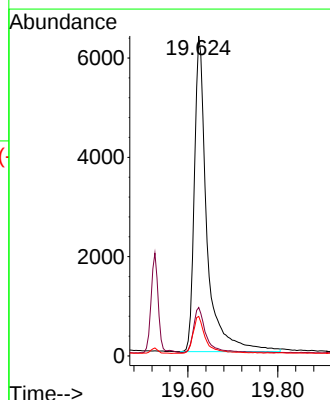
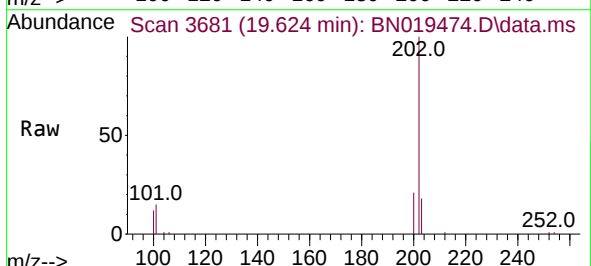
Tgt Ion:202 Resp: 12385

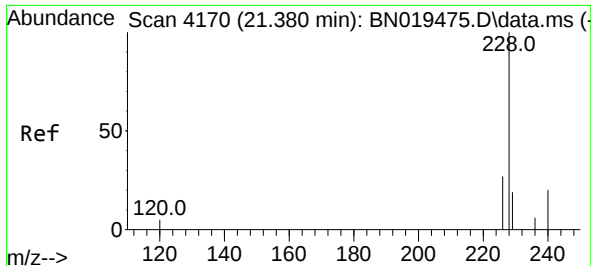
Ion Ratio Lower Upper

202 100

101 15.1 11.4 17.0

100 12.4 9.0 13.4

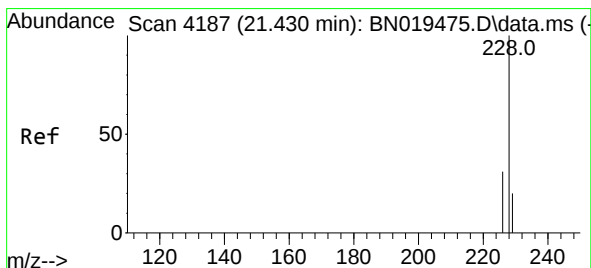
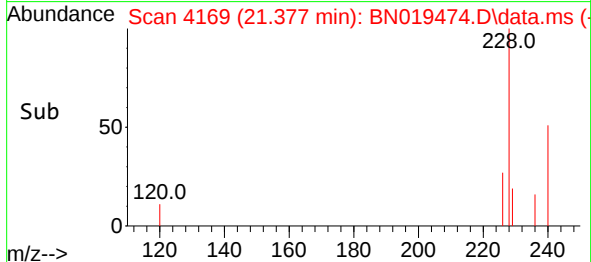
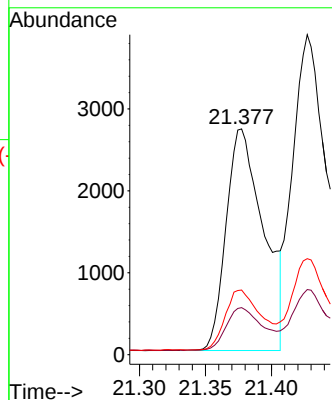
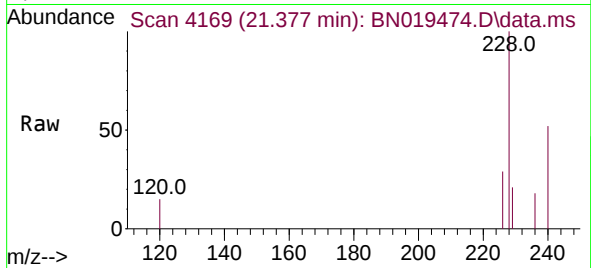




#21
Benzo(a)anthracene
Concen: 0.177 ng/ul
RT: 21.377 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BN019474.D
Acq: 18 Apr 2022 12:22

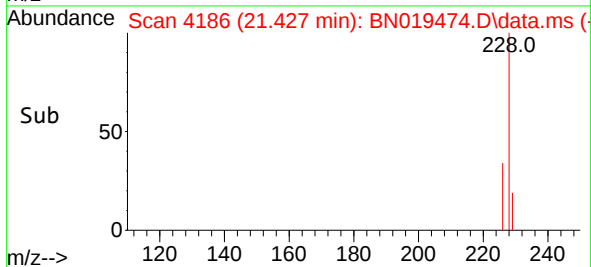
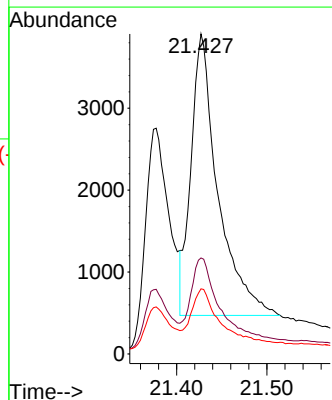
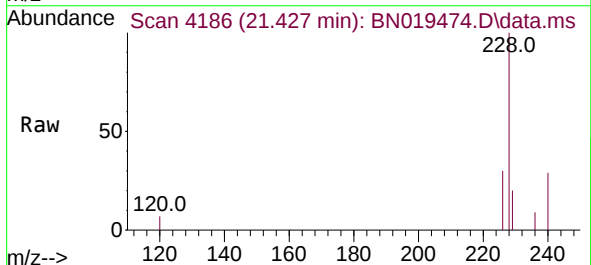
Instrument :
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SSTD0.2224

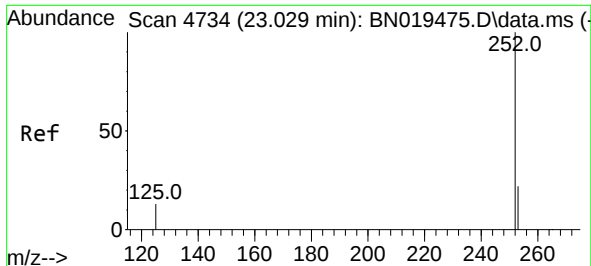
Tgt Ion:228 Resp: 5312
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 28.6 22.1 33.1



#22
Chrysene
Concen: 0.181 ng/ul
RT: 21.427 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BN019474.D
Acq: 18 Apr 2022 12:22

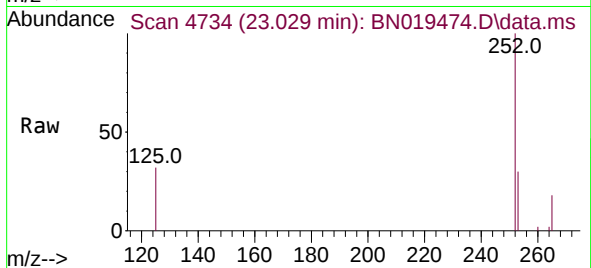
Tgt Ion:228 Resp: 7106
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 20.4 16.0 24.0



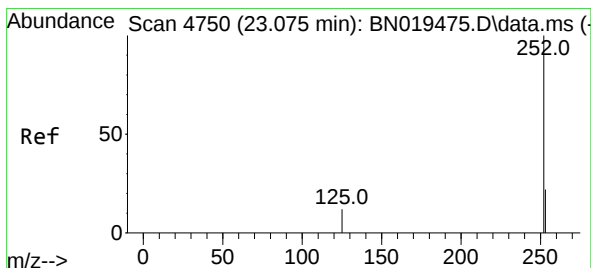
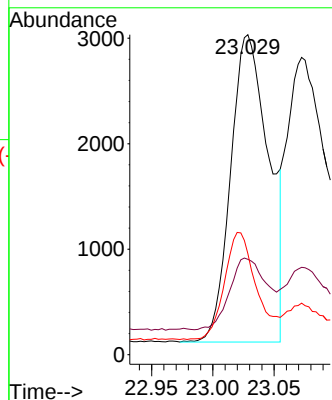
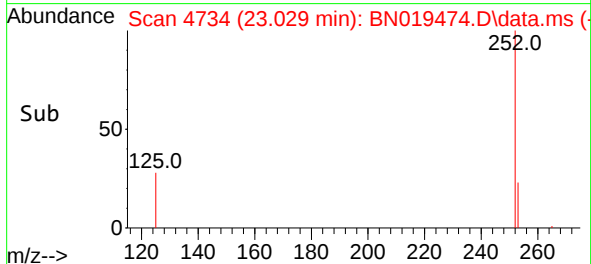


#24
Benzo(b)fluoranthene
Concen: 0.198 ng/ul
RT: 23.029 min Scan# 4734
Delta R.T. 0.000 min
Lab File: BN019474.D
Acq: 18 Apr 2022 12:22

Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

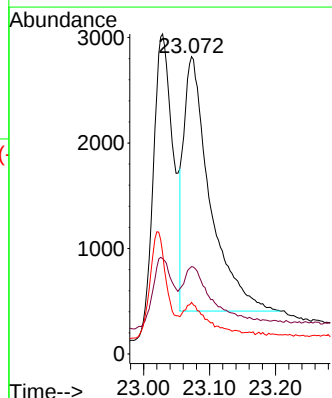
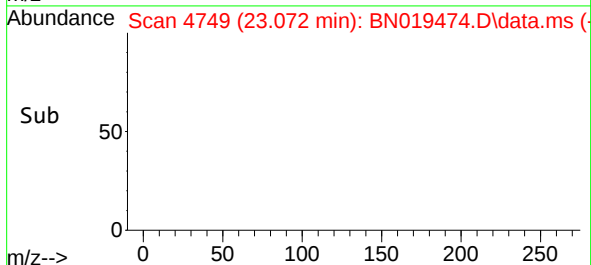
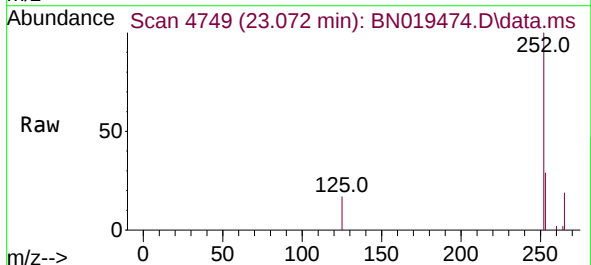


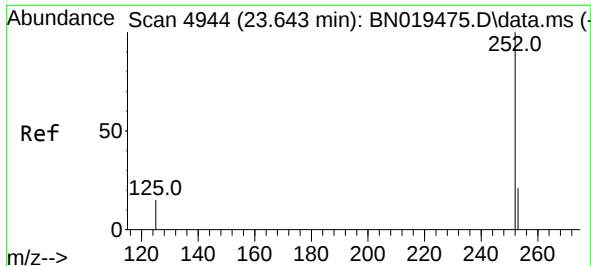
Tgt Ion:252 Resp: 6303
Ion Ratio Lower Upper
252 100
253 29.8 0.0 52.0
125 31.6 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.180 ng/ul
RT: 23.072 min Scan# 4749
Delta R.T. -0.003 min
Lab File: BN019474.D
Acq: 18 Apr 2022 12:22

Tgt Ion:252 Resp: 6635
Ion Ratio Lower Upper
252 100
253 29.4 20.2 30.2
125 17.3 11.0 16.6#

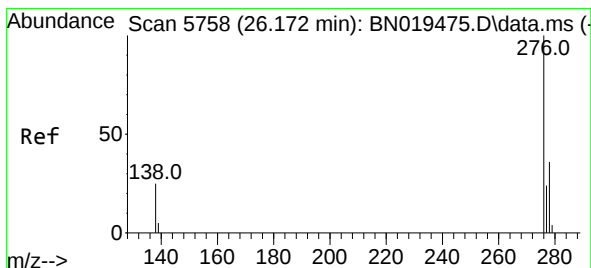
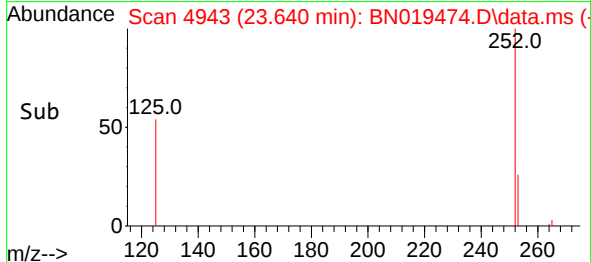
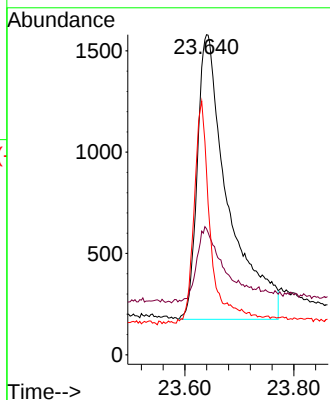
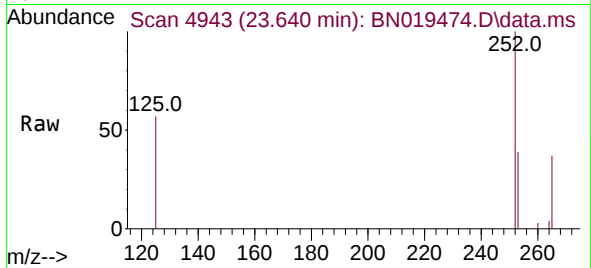




#26
Benzo(a)pyrene
Concen: 0.202 ng/ul
RT: 23.640 min Scan# 4944
Delta R.T. -0.003 min
Lab File: BN019474.D
Acq: 18 Apr 2022 12:22

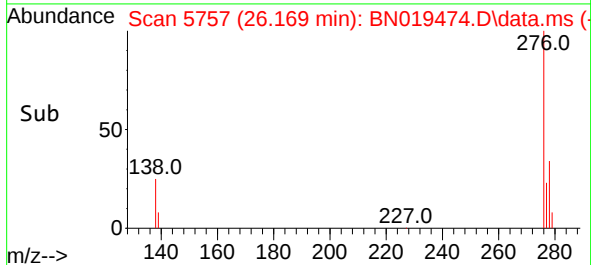
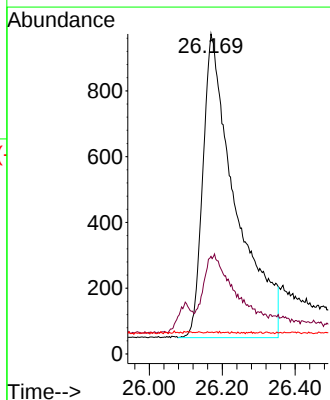
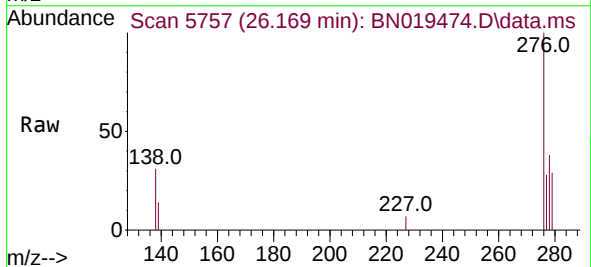
Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

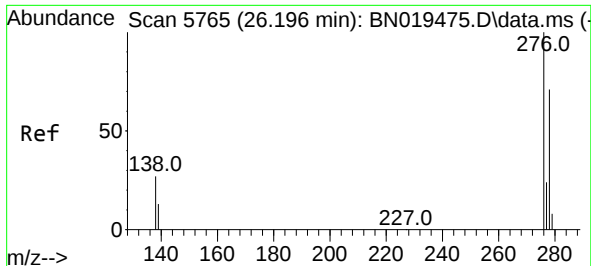
Tgt Ion:252 Resp: 5514
Ion Ratio Lower Upper
252 100
253 39.4 23.4 35.0#
125 57.3 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.189 ng/ul
RT: 26.169 min Scan# 5757
Delta R.T. -0.003 min
Lab File: BN019474.D
Acq: 18 Apr 2022 12:22

Tgt Ion:276 Resp: 5718
Ion Ratio Lower Upper
276 100
138 0.0 23.6 35.4#
227 0.1 0.0 0.0#

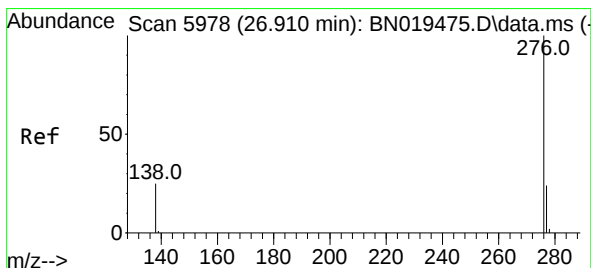
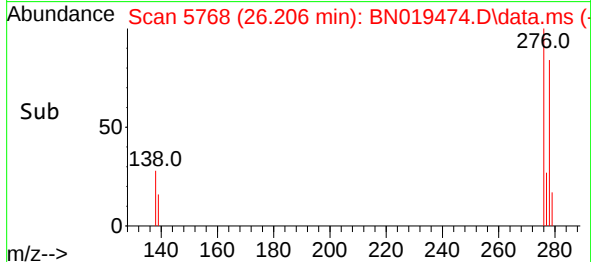
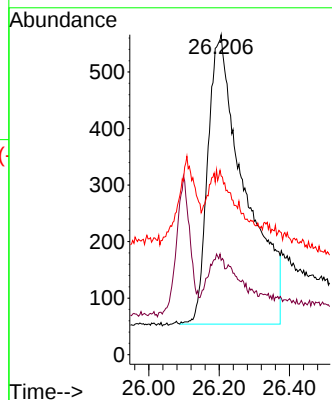
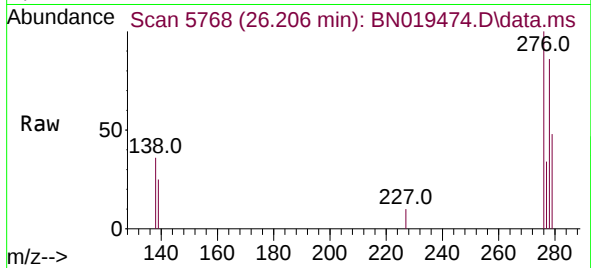




#28
Dibenzo(a,h)anthracene
Concen: 0.172 ng/ul
RT: 26.206 min Scan# 51
Delta R.T. 0.010 min
Lab File: BN019474.D
Acq: 18 Apr 2022 12:22

Instrument :
BNA_N
ClientSampleId :
SSTD0.2224

Tgt Ion:278 Resp: 3714
Ion Ratio Lower Upper
278 100
139 29.5 18.6 28.0#
279 55.8 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.213 ng/ul
RT: 26.907 min Scan# 5977
Delta R.T. -0.003 min
Lab File: BN019474.D
Acq: 18 Apr 2022 12:22

Tgt Ion:276 Resp: 6232
Ion Ratio Lower Upper
276 100
138 29.0 20.9 31.3
277 26.5 20.4 30.6

