

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024165.D
 Acq On : 08 Mar 2023 13:08
 Operator : CG/JU
 Sample : SST0.277
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2238

Quant Time: Mar 09 00:49:55 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 00:47:00 2023
 Response via : Initial Calibration

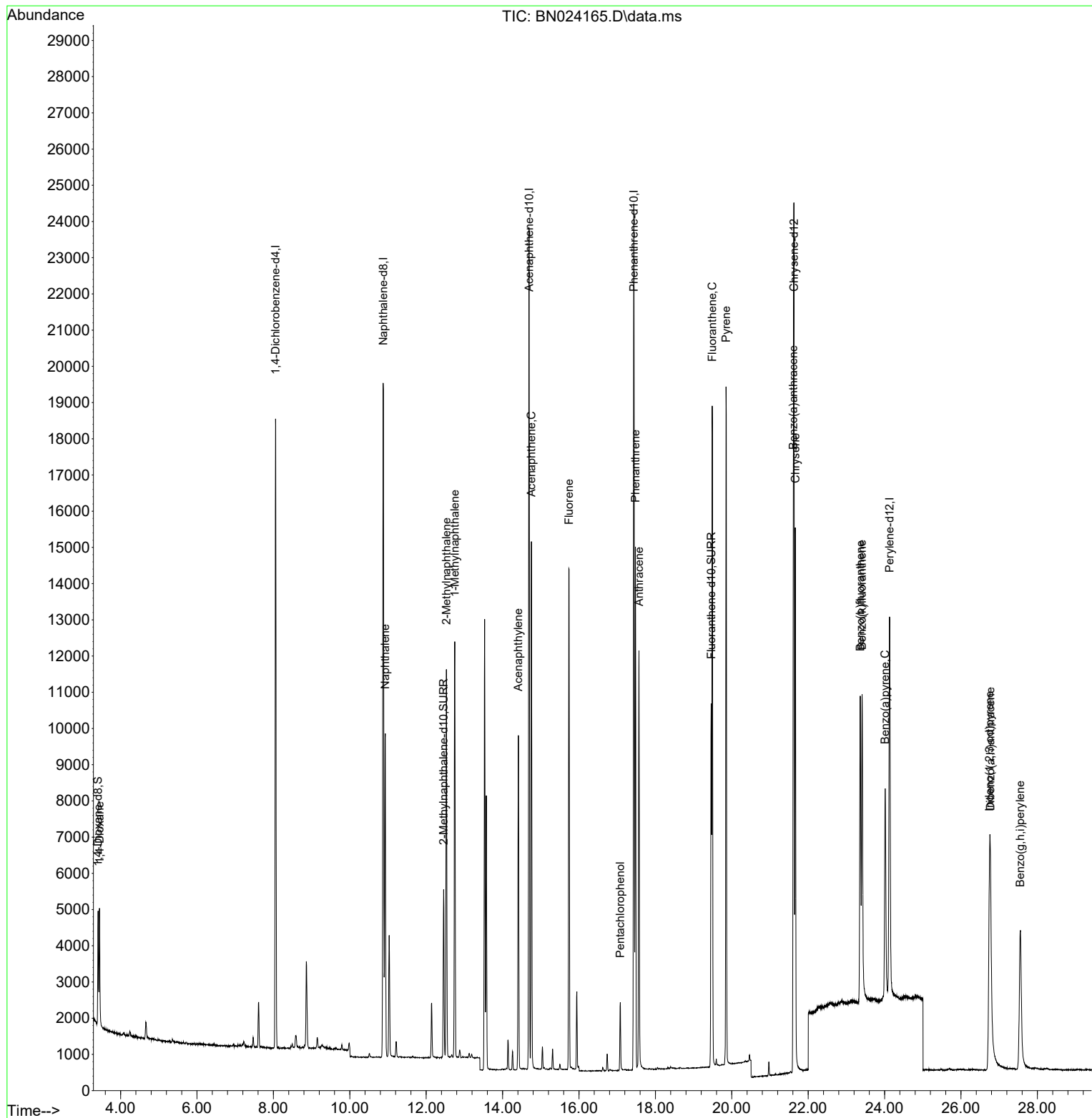
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	8725	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	24607	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.694	164	12720	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	26371	0.400	ng/ul	0.00
17) Chrysene-d12	21.627	240	19093	0.400	ng/ul	0.00
23) Perylene-d12	24.129	264	16183	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	1914	0.205	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	5755	0.149	ng/ul	0.00
18) Fluoranthene-d10	19.460	212	10271	0.200	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	2104	0.212	ng/ul#	90
5) Naphthalene	10.927	128	12239	0.182	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	7325	0.167	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	7736	0.173	ng/ul	100
10) Acenaphthylene	14.411	152	10308	0.212	ng/ul	99
11) Acenaphthene	14.754	153	7998	0.187	ng/ul	99
12) Fluorene	15.739	166	8807	0.170	ng/ul	98
14) Pentachlorophenol	17.080	266	1255	0.144	ng/ul#	73
15) Phenanthrene	17.477	178	14710	0.187	ng/ul	99
16) Anthracene	17.570	178	12595	0.191	ng/ul	99
19) Fluoranthene	19.487	202	15105	0.238	ng/ul	96
20) Pyrene	19.850	202	15478	0.235	ng/ul	96
21) Benzo(a)anthracene	21.609	228	12405	0.191	ng/ul	100
22) Chrysene	21.662	228	13098	0.192	ng/ul	100
24) Benzo(b)fluoranthene	23.363	252	11675	0.163	ng/ul	93
25) Benzo(k)fluoranthene	23.410	252	12485	0.179	ng/ul#	93
26) Benzo(a)pyrene	24.015	252	10228	0.172	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.747	276	11376	0.136	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.770	278	8617	0.129	ng/ul	95
29) Benzo(g,h,i)perylene	27.552	276	9928	0.144	ng/ul	97

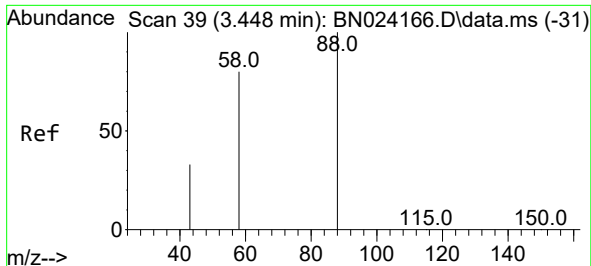
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024165.D
Acq On : 08 Mar 2023 13:08
Operator : CG/JU
Sample : SST0.277
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

Quant Time: Mar 09 00:49:55 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 00:47:00 2023
Response via : Initial Calibration

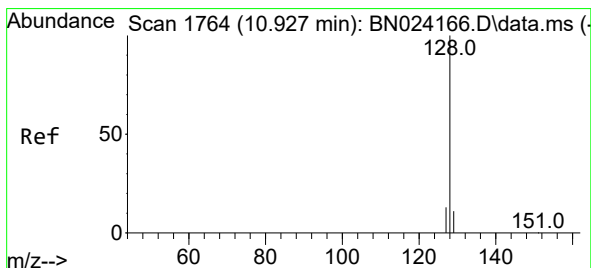
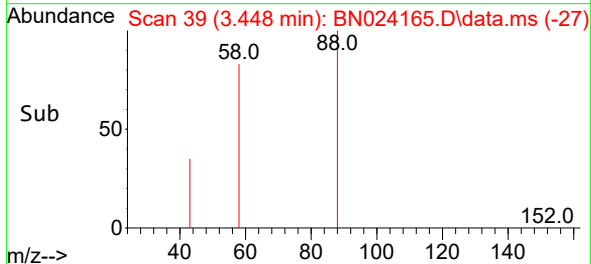
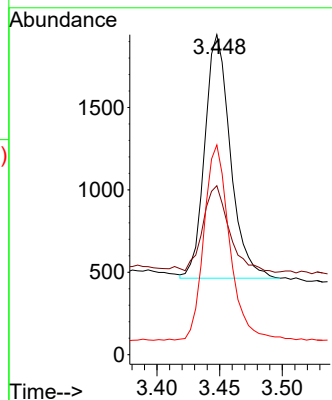
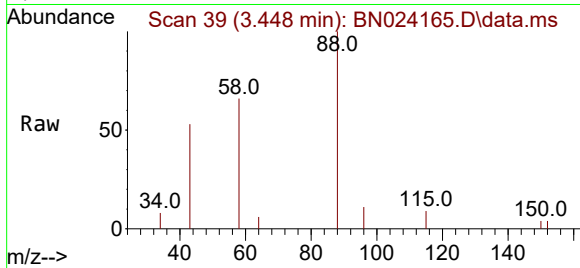




#2
1,4-Dioxane
Concen: 0.212 ng/ul
RT: 3.448 min Scan# 39
Delta R.T. 0.000 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

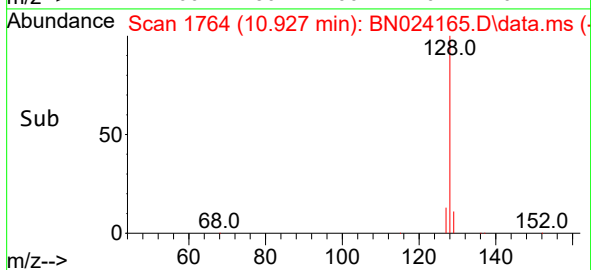
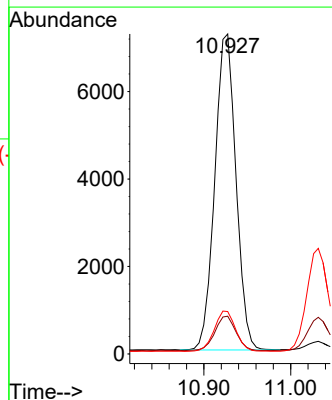
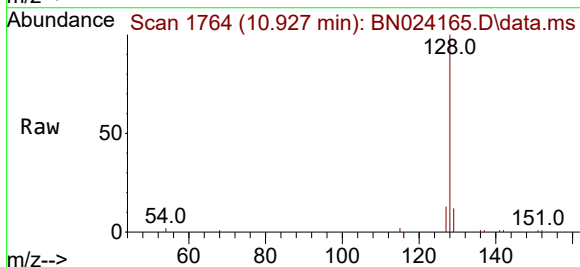
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

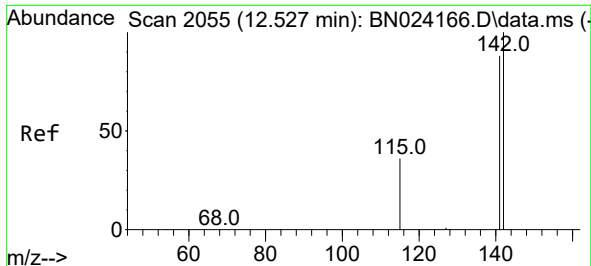
Tgt Ion: 88 Resp: 2104
Ion Ratio Lower Upper
88 100
43 52.8 32.1 48.1#
58 65.6 55.1 82.7



#5
Naphthalene
Concen: 0.182 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

Tgt Ion: 128 Resp: 12239
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 13.3 10.5 15.7

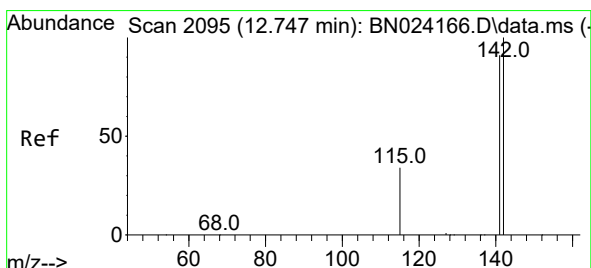
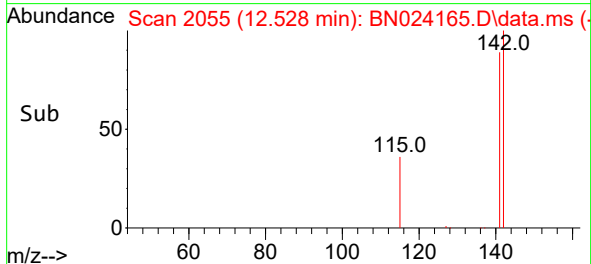
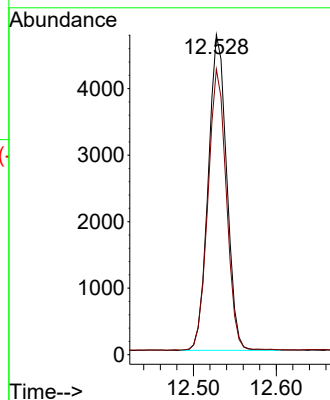
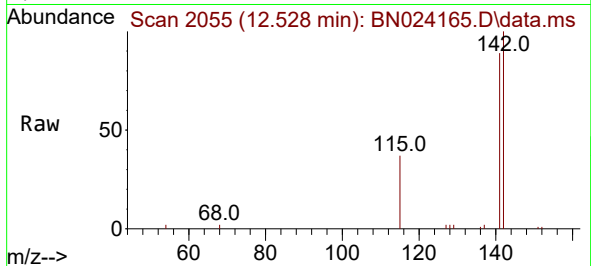




#7
2-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

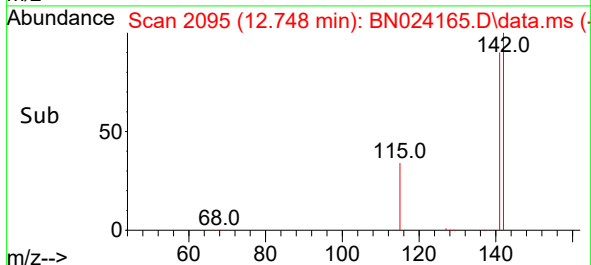
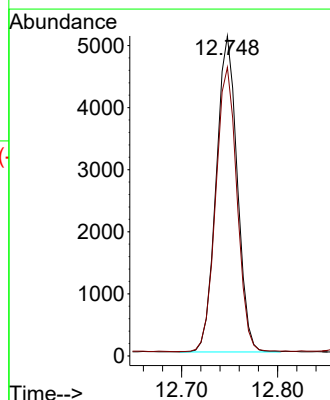
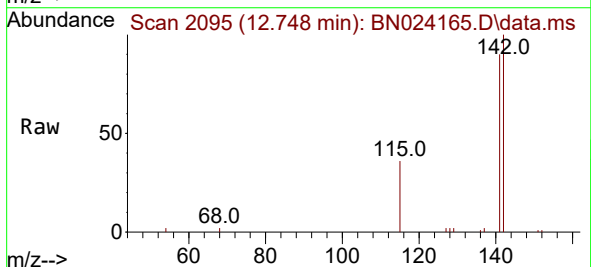
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

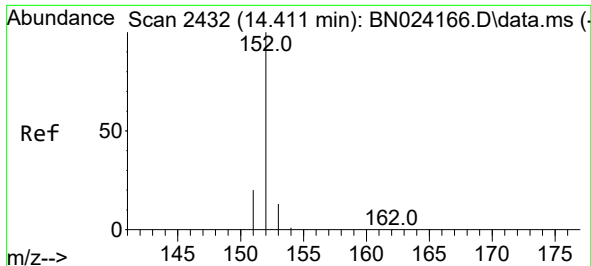
Tgt Ion:142 Resp: 7325
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.173 ng/ul
RT: 12.748 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

Tgt Ion:142 Resp: 7736
Ion Ratio Lower Upper
142 100
141 90.9 73.0 109.6

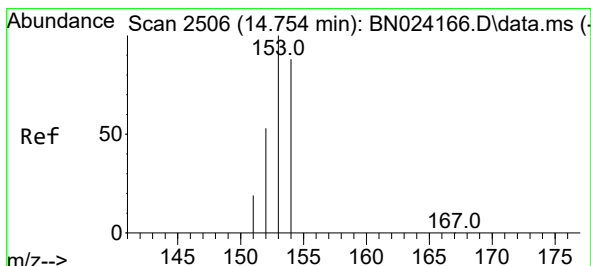
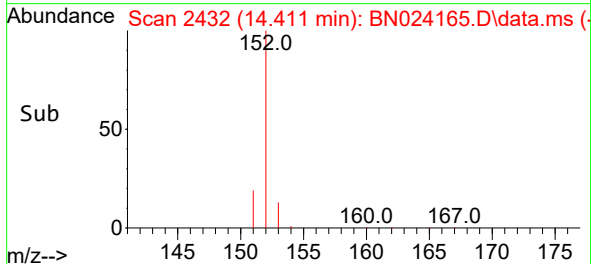
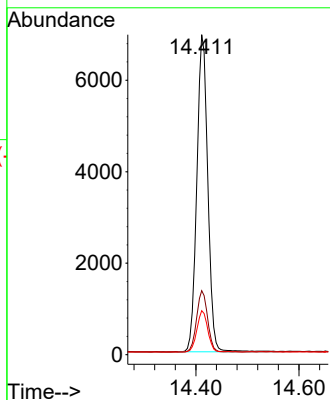
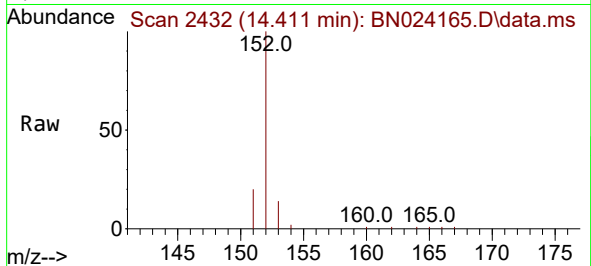




#10
Acenaphthylene
Concen: 0.212 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

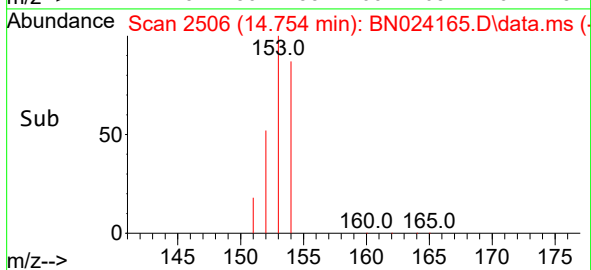
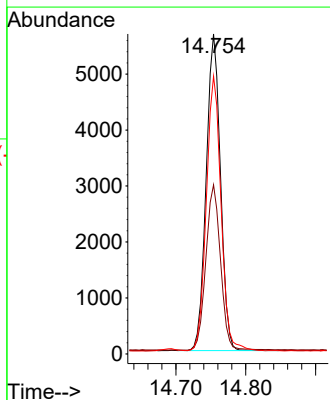
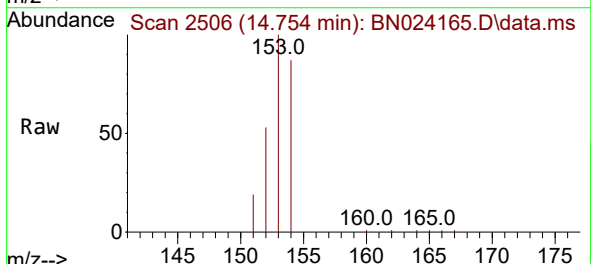
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

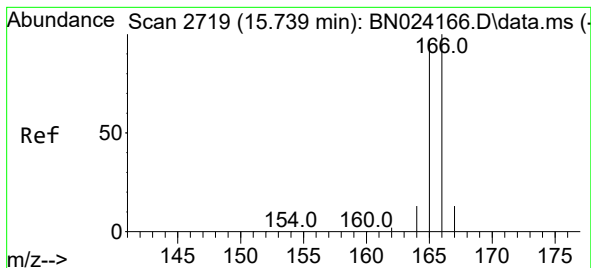
Tgt Ion:152 Resp: 10308
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.8 10.6 16.0



#11
Acenaphthene
Concen: 0.187 ng/ul
RT: 14.754 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

Tgt Ion:153 Resp: 7998
Ion Ratio Lower Upper
153 100
152 52.9 42.6 64.0
154 86.8 70.6 105.8





#12

Fluorene

Concen: 0.170 ng/ul

RT: 15.739 min Scan# 2719

Delta R.T. 0.000 min

Lab File: BN024165.D

Acq: 08 Mar 2023 13:08

Instrument :

BNA_N

ClientSampleId :

SSTD0.2238

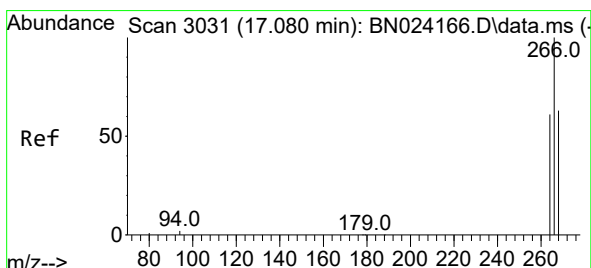
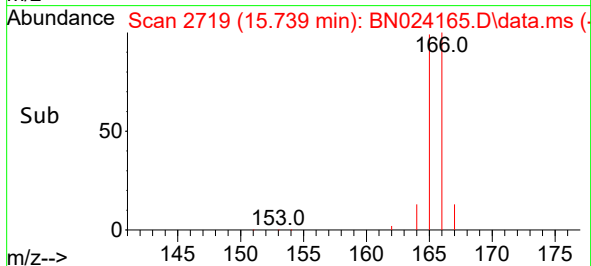
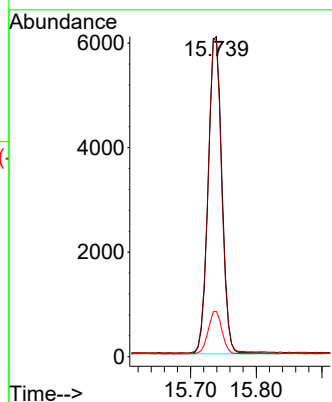
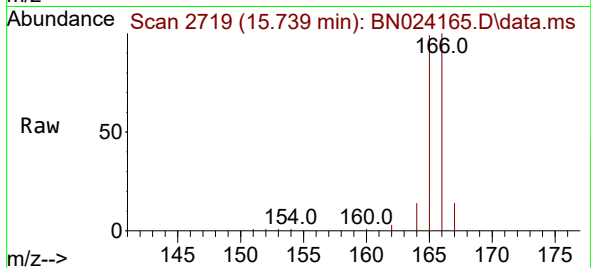
Tgt Ion:166 Resp: 8807

Ion Ratio Lower Upper

166 100

165 98.8 77.4 116.0

167 14.1 10.9 16.3



#14

Pentachlorophenol

Concen: 0.144 ng/ul

RT: 17.080 min Scan# 3031

Delta R.T. 0.000 min

Lab File: BN024165.D

Acq: 08 Mar 2023 13:08

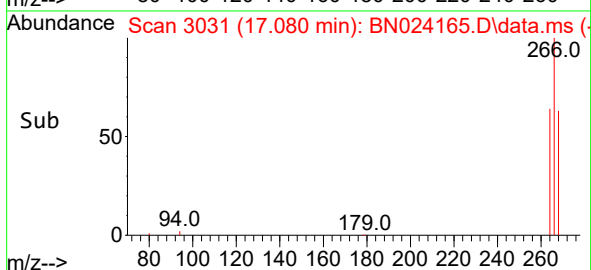
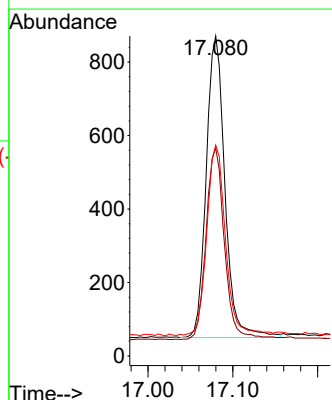
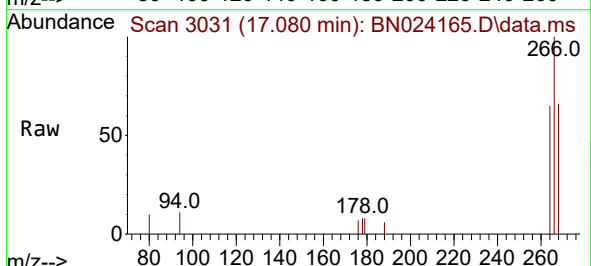
Tgt Ion:266 Resp: 1255

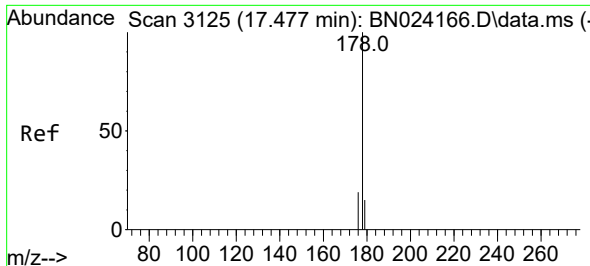
Ion Ratio Lower Upper

266 100

264 62.7 0.0 0.0#

268 63.6 0.1 0.1#

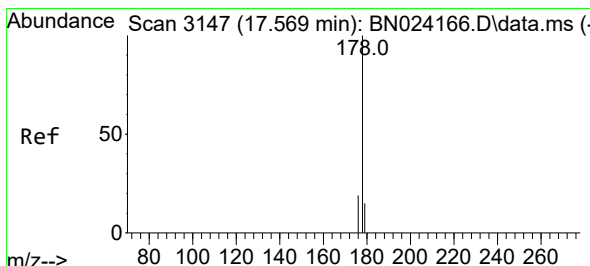
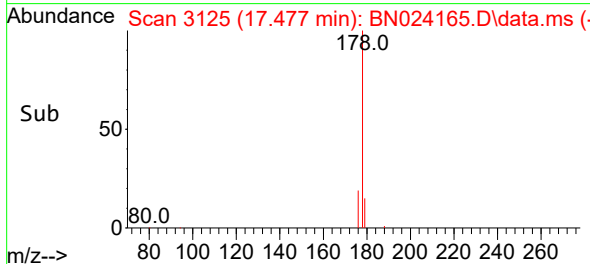
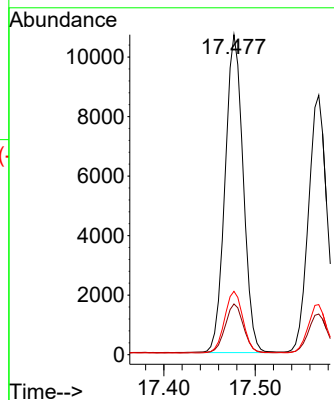
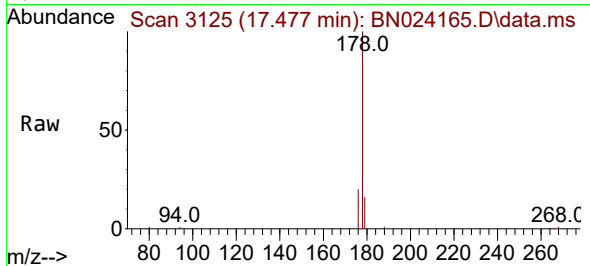




#15
Phenanthrene
Concen: 0.187 ng/ul
RT: 17.477 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

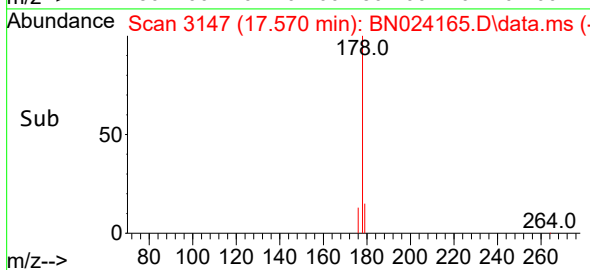
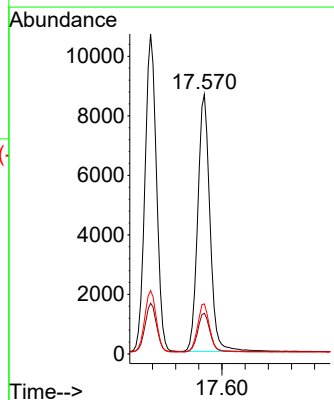
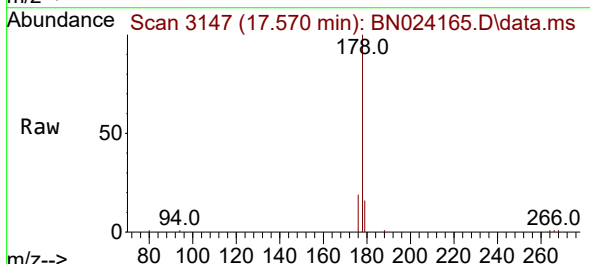
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

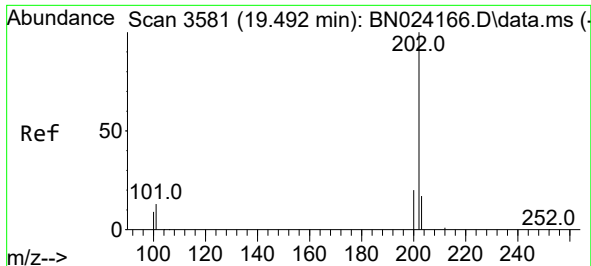
Tgt Ion:178 Resp: 14710
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 19.8 15.7 23.5



#16
Anthracene
Concen: 0.191 ng/ul
RT: 17.570 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

Tgt Ion:178 Resp: 12595
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.3 15.3 22.9

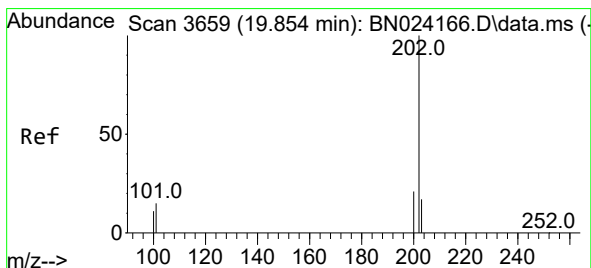
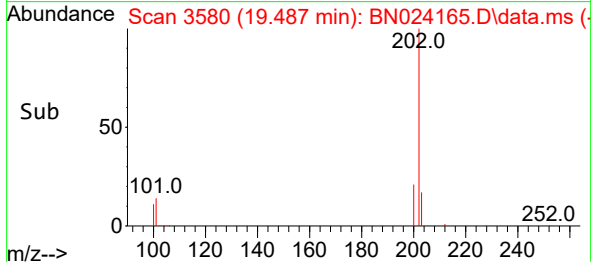
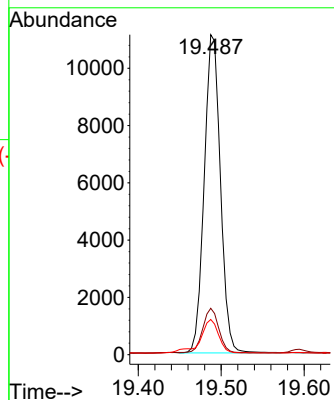
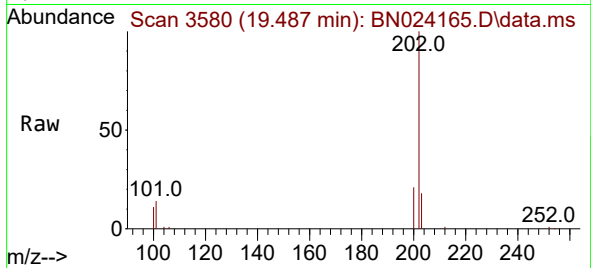




#19
Fluoranthene
Concen: 0.238 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. -0.004 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

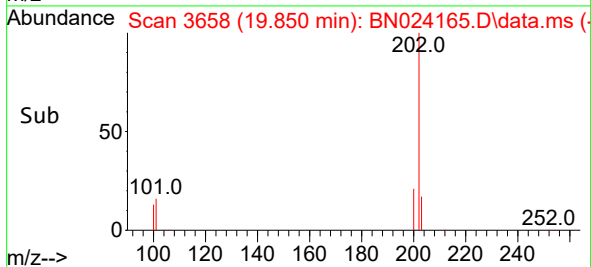
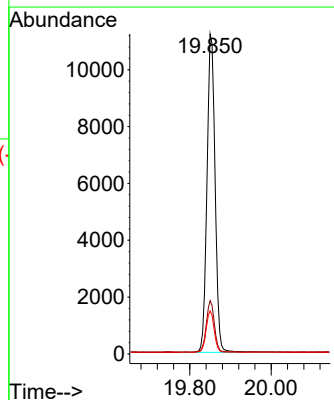
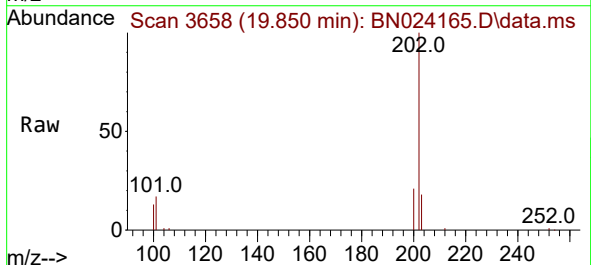
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

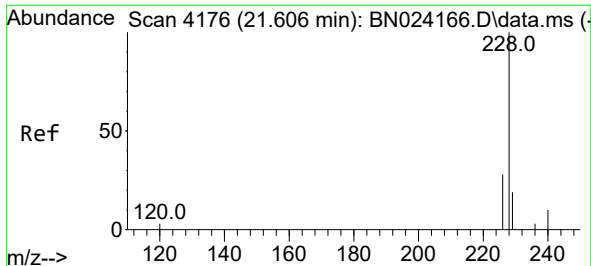
Tgt Ion:202 Resp: 15105
Ion Ratio Lower Upper
202 100
101 14.5 10.4 15.6
100 11.0 7.7 11.5



#20
Pyrene
Concen: 0.235 ng/ul
RT: 19.850 min Scan# 3658
Delta R.T. -0.004 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

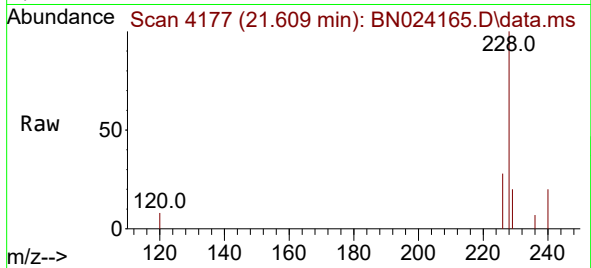
Tgt Ion:202 Resp: 15478
Ion Ratio Lower Upper
202 100
101 16.7 12.1 18.1
100 13.5 9.4 14.0



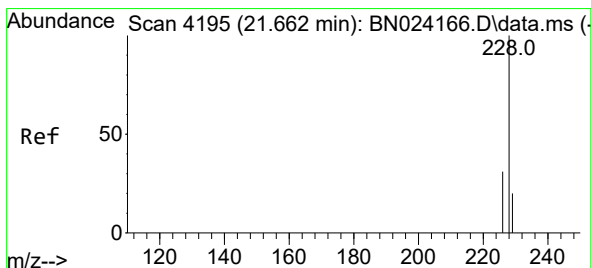
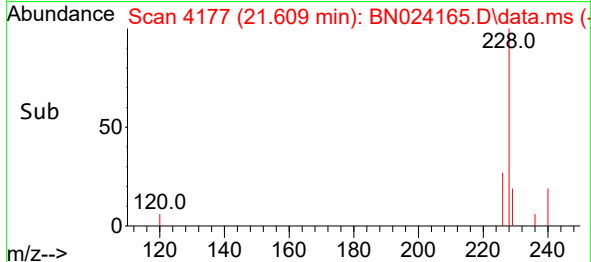
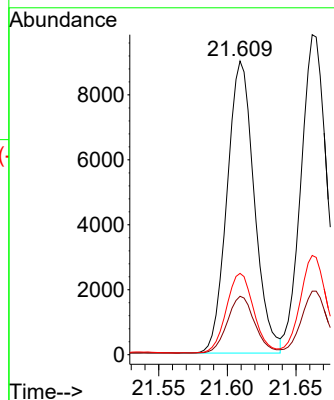


#21
Benzo(a)anthracene
Concen: 0.191 ng/ul
RT: 21.609 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

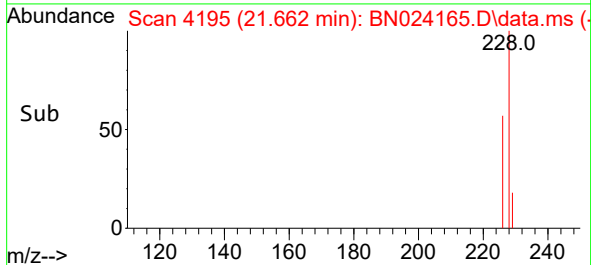
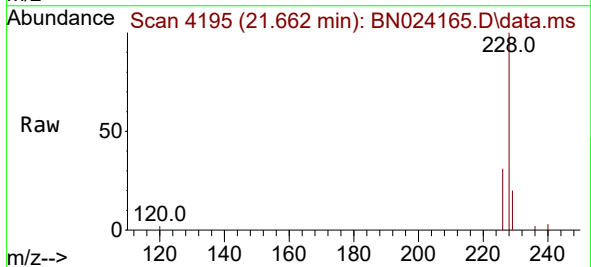
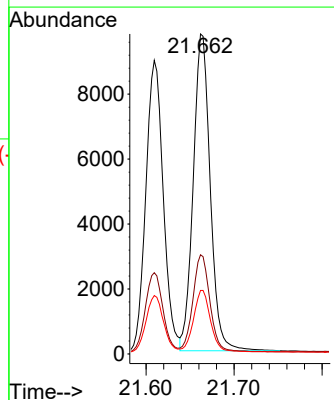


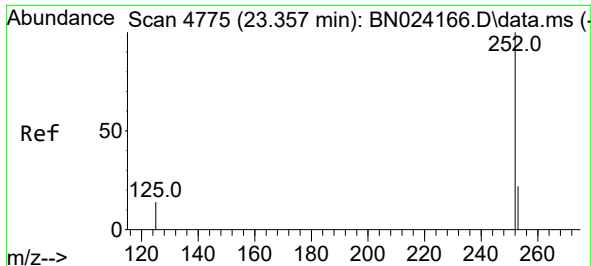
Tgt Ion:228 Resp: 12405
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 27.7 22.2 33.4



#22
Chrysene
Concen: 0.192 ng/ul
RT: 21.662 min Scan# 4195
Delta R.T. 0.000 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

Tgt Ion:228 Resp: 13098
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 19.8 15.8 23.6

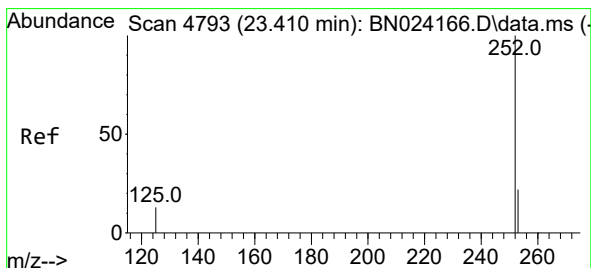
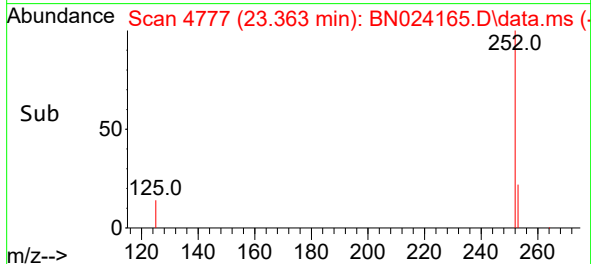
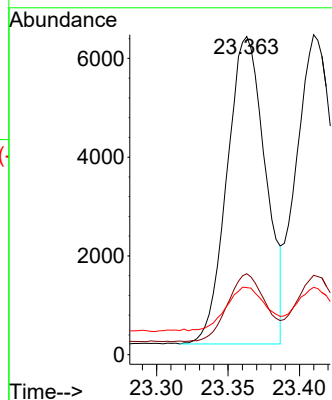
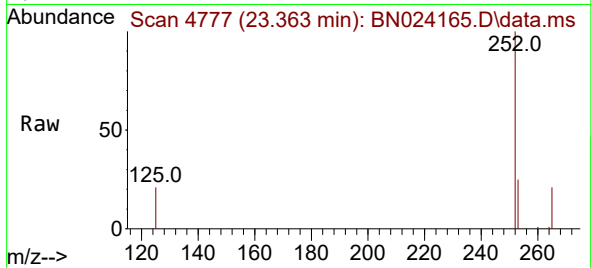




#24
Benzo(b)fluoranthene
Concen: 0.163 ng/ul
RT: 23.363 min Scan# 4777
Delta R.T. 0.006 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

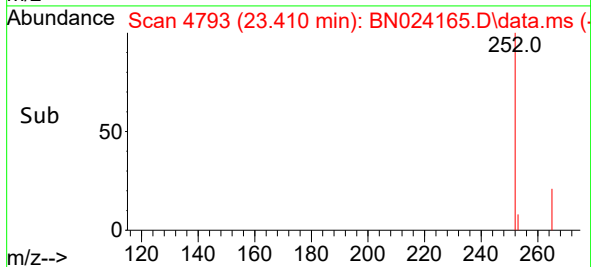
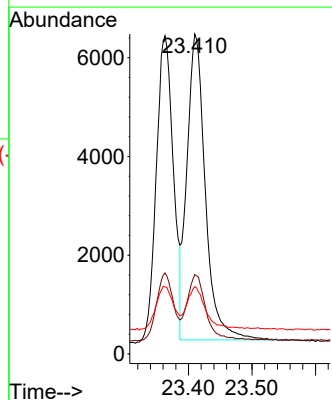
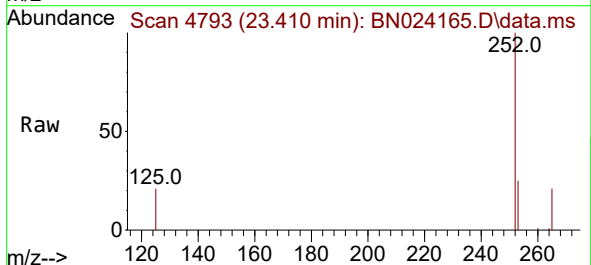
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

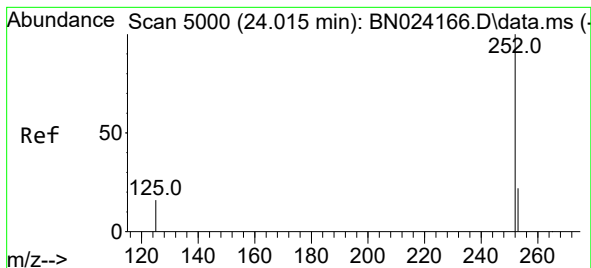
Tgt Ion:252 Resp: 11675
Ion Ratio Lower Upper
252 100
253 25.5 0.0 46.2
125 21.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.179 ng/ul
RT: 23.410 min Scan# 4793
Delta R.T. 0.000 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

Tgt Ion:252 Resp: 12485
Ion Ratio Lower Upper
252 100
253 24.8 18.5 27.7
125 21.1 13.2 19.8#





#26

Benzo(a)pyrene

Concen: 0.172 ng/ul

RT: 24.015 min Scan# 5000

Delta R.T. 0.000 min

Lab File: BN024165.D

Acq: 08 Mar 2023 13:08

Instrument :

BNA_N

ClientSampleId :

SSTD0.2238

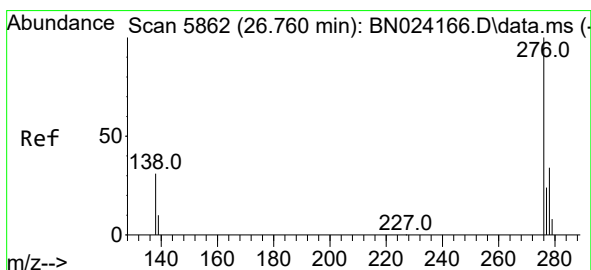
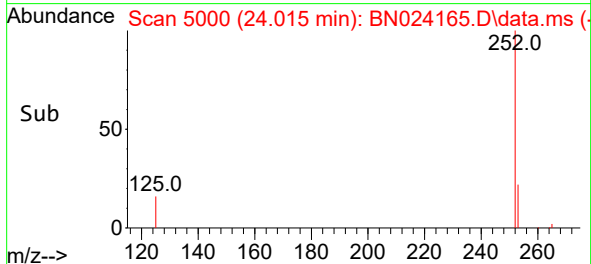
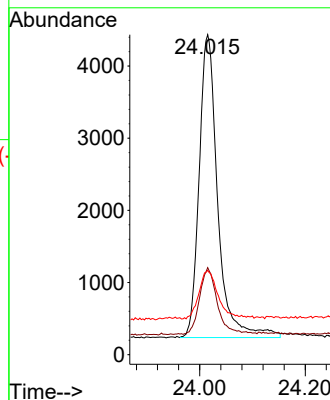
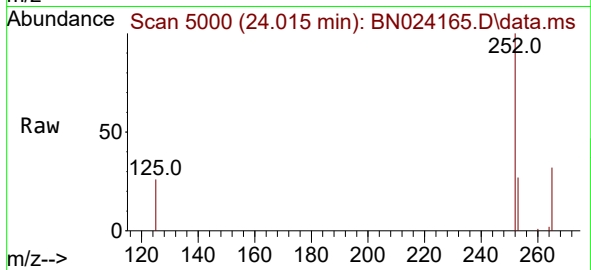
Tgt Ion:252 Resp: 10228

Ion Ratio Lower Upper

252 100

253 27.2 19.2 28.8

125 26.3 15.8 23.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.136 ng/ul

RT: 26.747 min Scan# 5858

Delta R.T. -0.013 min

Lab File: BN024165.D

Acq: 08 Mar 2023 13:08

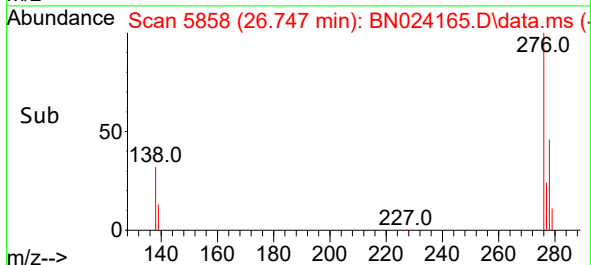
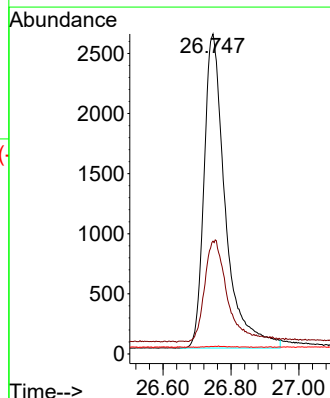
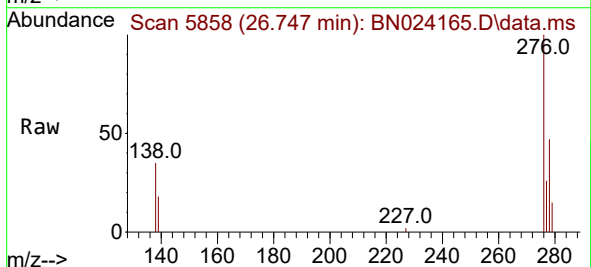
Tgt Ion:276 Resp: 11376

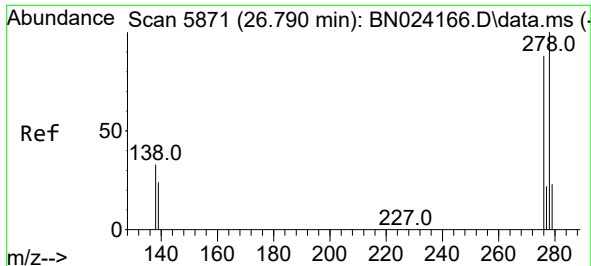
Ion Ratio Lower Upper

276 100

138 34.5 0.0 0.0#

227 0.0 0.0 0.0#

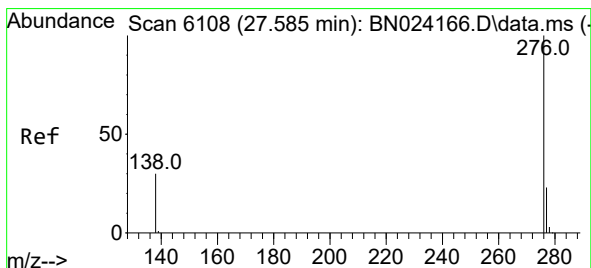
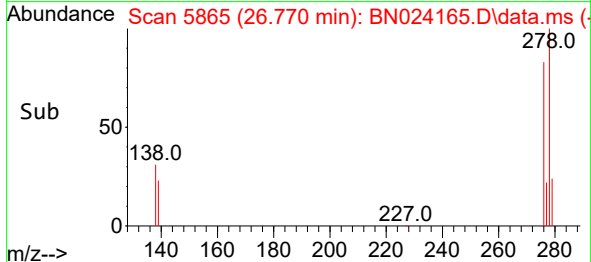
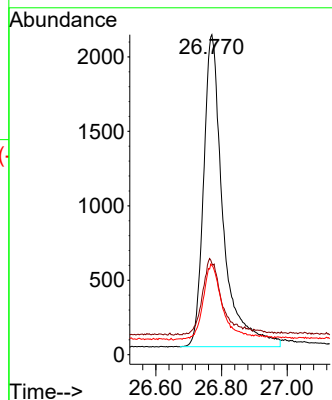
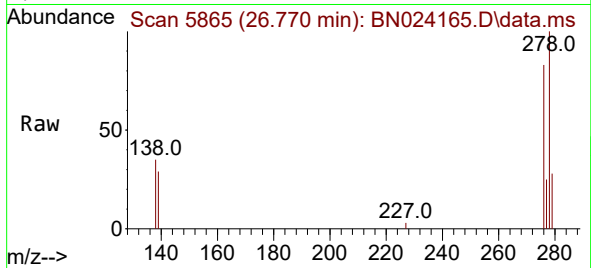




#28
Dibenzo(a,h)anthracene
Concen: 0.129 ng/ul
RT: 26.770 min Scan# 5865
Delta R.T. -0.020 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

Tgt Ion:278 Resp: 8617
Ion Ratio Lower Upper
278 100
139 28.5 21.0 31.6
279 27.9 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.144 ng/ul
RT: 27.552 min Scan# 6098
Delta R.T. -0.033 min
Lab File: BN024165.D
Acq: 08 Mar 2023 13:08

Tgt Ion:276 Resp: 9928
Ion Ratio Lower Upper
276 100
138 33.2 25.2 37.8
277 26.2 19.4 29.2

