

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
 Data File : BN025043.D
 Acq On : 20 Apr 2023 19:50
 Operator : CG/JU
 Sample : PB152216BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS216

Quant Time: Apr 21 04:27:07 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 04:13:07 2023
 Response via : Initial Calibration

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

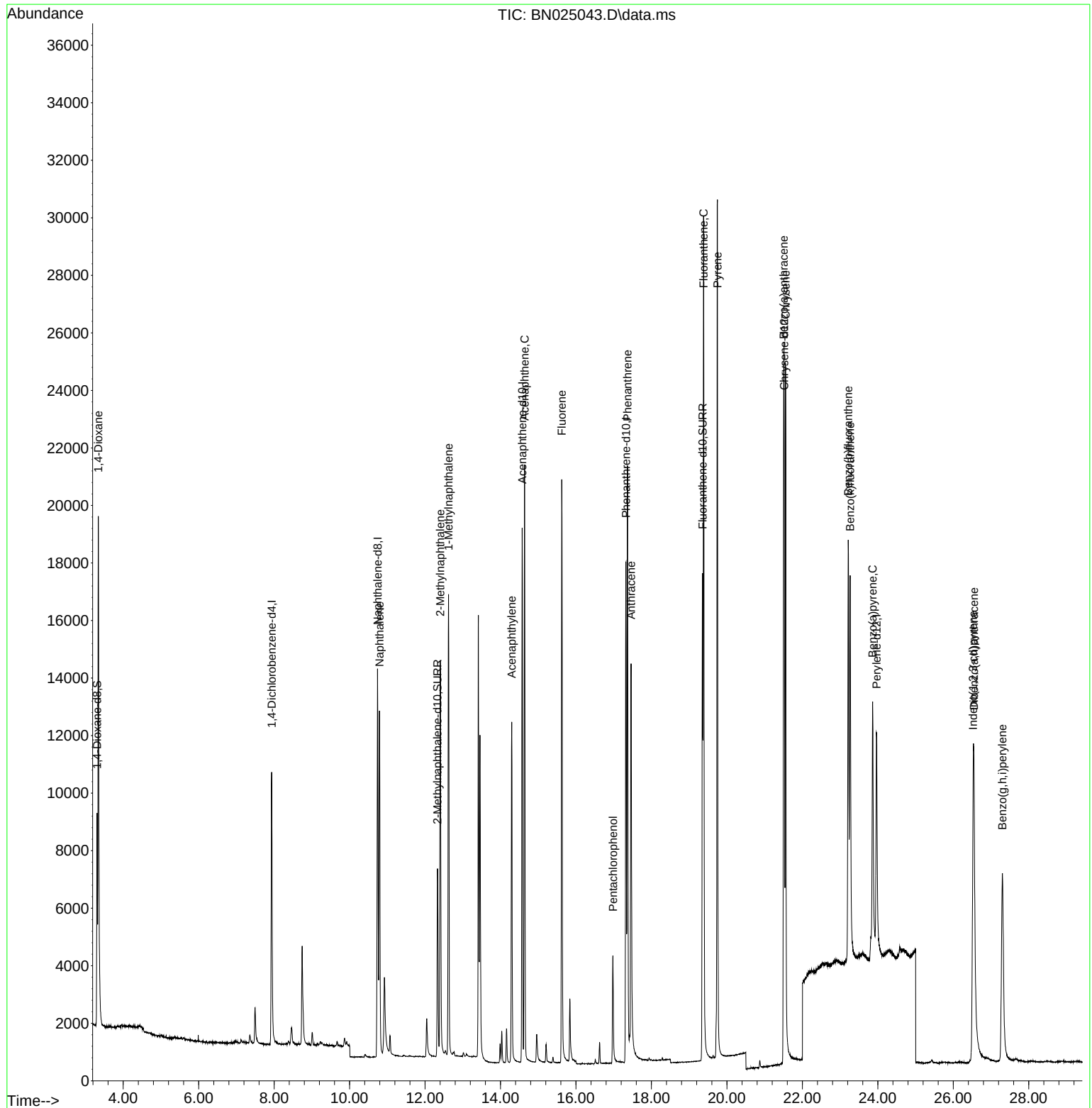
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	5806	0.400	ng/ul	0.00
4) Naphthalene-d8	10.741	136	18164	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.574	164	10153	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	21826	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	15341	0.400	ng/ul	0.00
23) Perylene-d12	23.966	264	11772	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	4636	0.771	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.331	152	8907	0.382	ng/ul	0.00
18) Fluoranthene-d10	19.353	212	19809	0.490	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	11875	1.834	ng/ul#	87
5) Naphthalene	10.791	128	17510	0.376	ng/ul	99
7) 2-Methylnaphthalene	12.402	142	10779	0.378	ng/ul	99
8) 1-Methylnaphthalene	12.622	142	11497	0.378	ng/ul	100
10) Acenaphthylene	14.297	152	14325	0.379	ng/ul	100
11) Acenaphthene	14.639	153	12476	0.391	ng/ul	98
12) Fluorene	15.624	166	13846	0.388	ng/ul	98
14) Pentachlorophenol	16.979	266	2910	0.679	ng/ul	99
15) Phenanthrene	17.363	178	23265	0.378	ng/ul	99
16) Anthracene	17.460	178	18507	0.367	ng/ul	100
19) Fluoranthene	19.381	202	26538	0.478	ng/ul	98
20) Pyrene	19.748	202	26988	0.473	ng/ul	99
21) Benzo(a)anthracene	21.505	228	19377	0.419	ng/ul	100
22) Chrysene	21.554	228	22744	0.451	ng/ul	99
24) Benzo(b)fluoranthene	23.217	252	20488	0.429	ng/ul	98
25) Benzo(k)fluoranthene	23.267	252	19768	0.430	ng/ul	97
26) Benzo(a)pyrene	23.863	252	15763	0.399	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.526	276	18835	0.414	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.546	278	14485	0.407	ng/ul	98
29) Benzo(g,h,i)perylene	27.298	276	17137	0.443	ng/ul	99

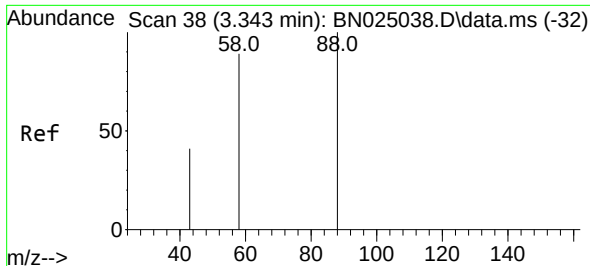
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
Data File : BN025043.D
Acq On : 20 Apr 2023 19:50
Operator : CG/JU
Sample : PB152216BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS216

Quant Time: Apr 21 04:27:07 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 21 04:13:07 2023
Response via : Initial Calibration

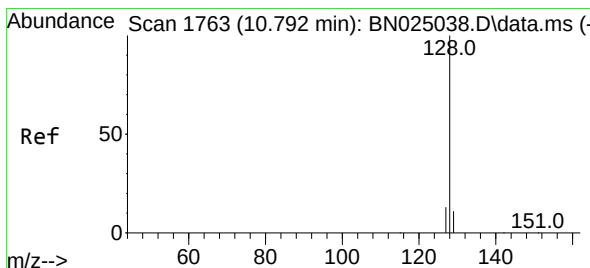
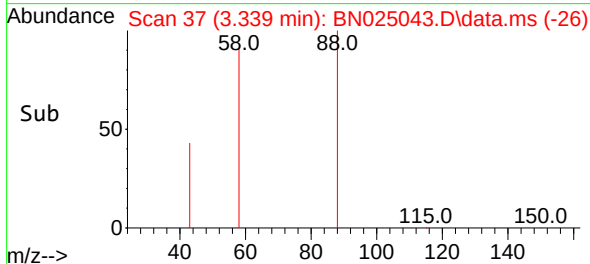
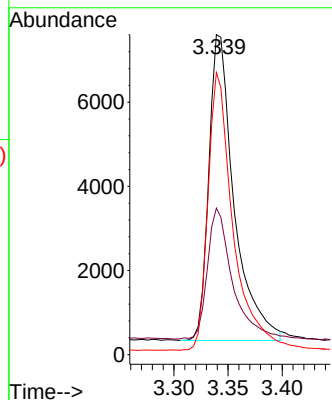
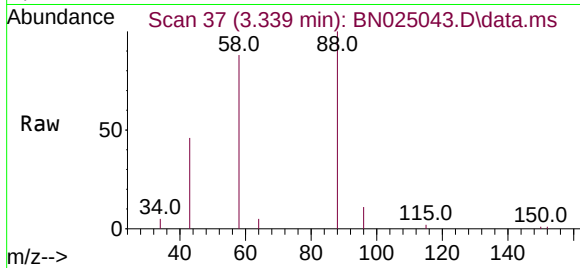




#2
 1,4-Dioxane
 Concen: 1.834 ng/ul
 RT: 3.339 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN025043.D
 Acq: 20 Apr 2023 19:50

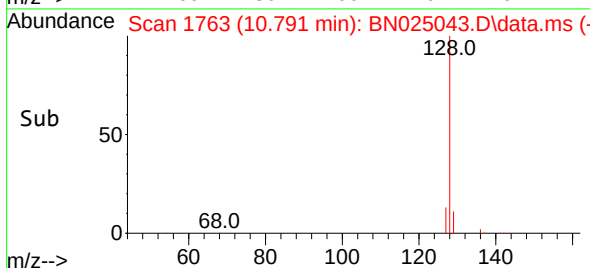
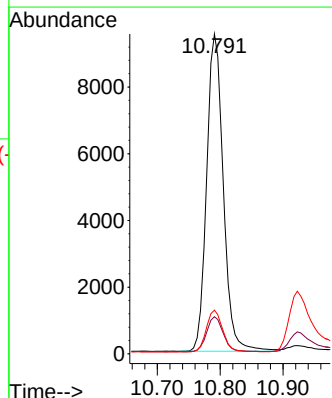
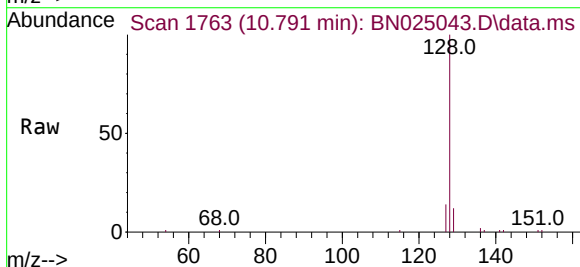
Instrument :
 BNA_N
 ClientSampleId :
 SLCS216

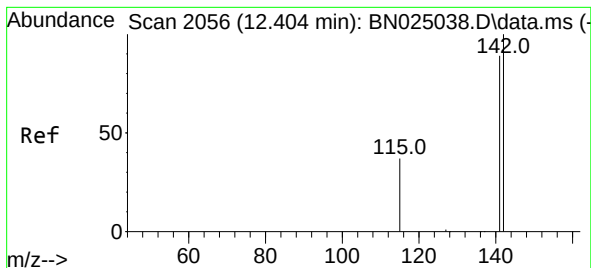
Tgt Ion: 88 Resp: 11875
 Ion Ratio Lower Upper
 88 100
 43 45.8 37.0 55.4
 58 88.1 56.9 85.3#



#5
 Naphthalene
 Concen: 0.376 ng/ul
 RT: 10.791 min Scan# 1763
 Delta R.T. -0.001 min
 Lab File: BN025043.D
 Acq: 20 Apr 2023 19:50

Tgt Ion:128 Resp: 17510
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.0 13.6
 127 13.7 10.7 16.1

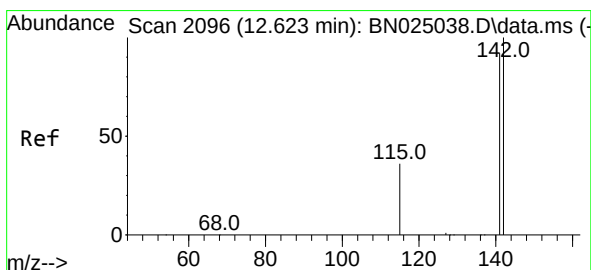
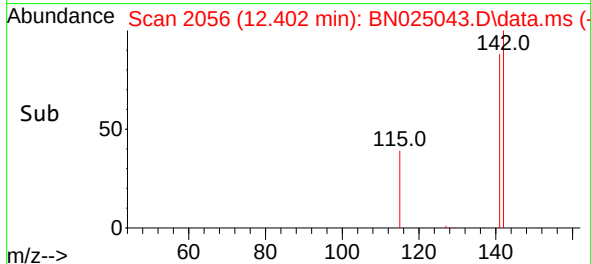
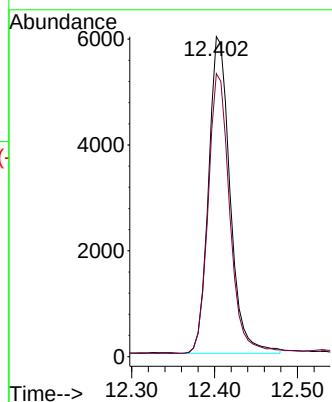
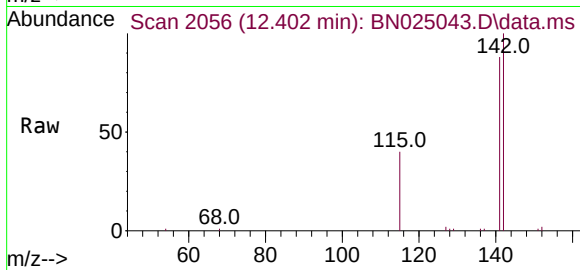




#7
2-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.402 min Scan# 2056
Delta R.T. -0.001 min
Lab File: BN025043.D
Acq: 20 Apr 2023 19:50

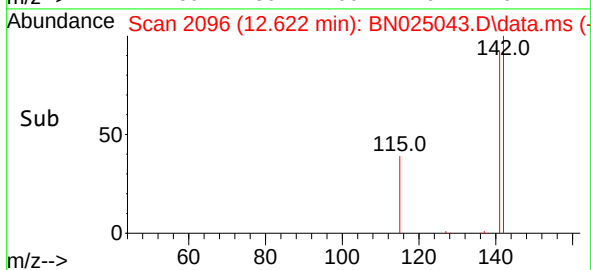
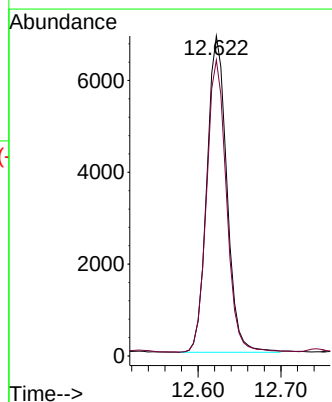
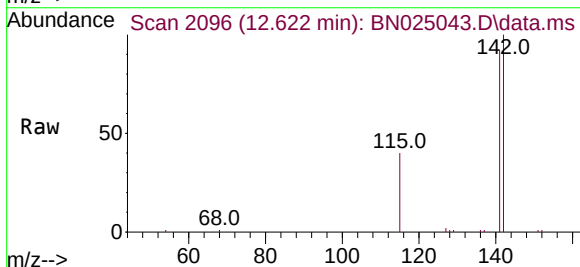
Instrument :
BNA_N
ClientSampleId :
SLCS216

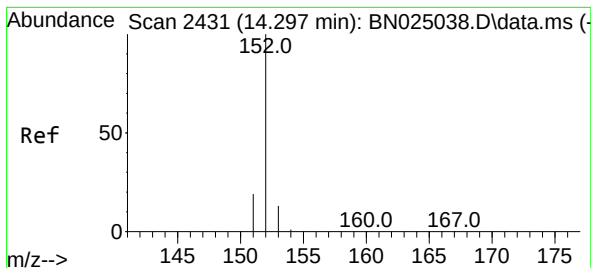
Tgt Ion:142 Resp: 10779
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.622 min Scan# 2096
Delta R.T. -0.001 min
Lab File: BN025043.D
Acq: 20 Apr 2023 19:50

Tgt Ion:142 Resp: 11497
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6





#10

Acenaphthylene

Concen: 0.379 ng/ul

RT: 14.297 min Scan# 2431

Delta R.T. 0.003 min

Lab File: BN025043.D

Acq: 20 Apr 2023 19:50

Instrument :

BNA_N

ClientSampleId :

SLCS216

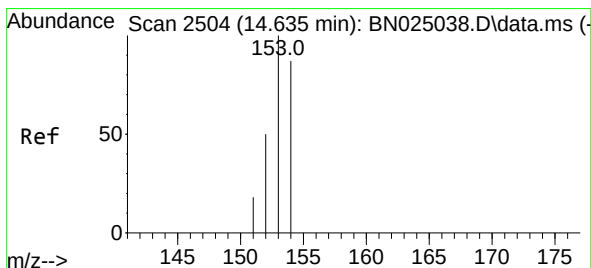
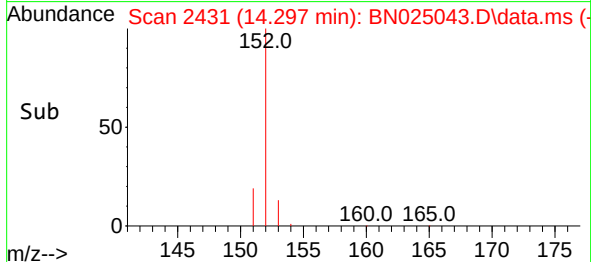
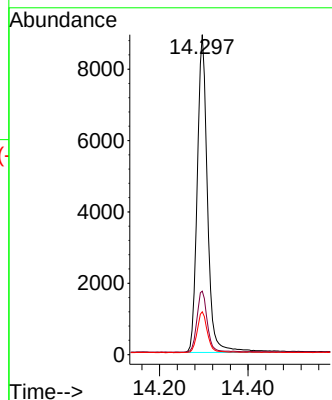
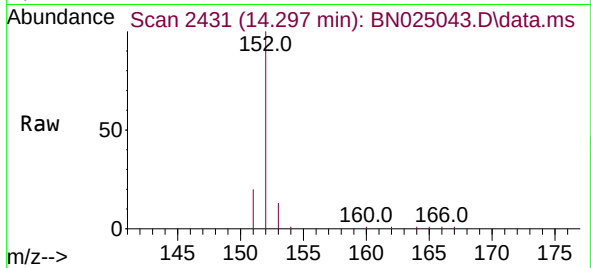
Tgt Ion:152 Resp: 14325

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.4 10.8 16.2



#11

Acenaphthene

Concen: 0.391 ng/ul

RT: 14.639 min Scan# 2505

Delta R.T. 0.003 min

Lab File: BN025043.D

Acq: 20 Apr 2023 19:50

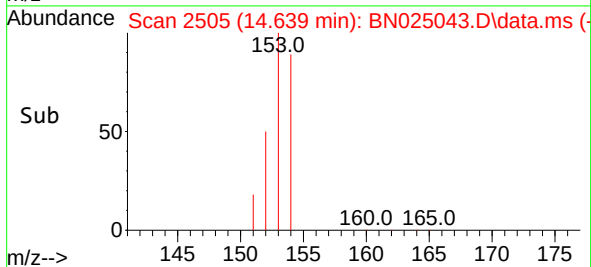
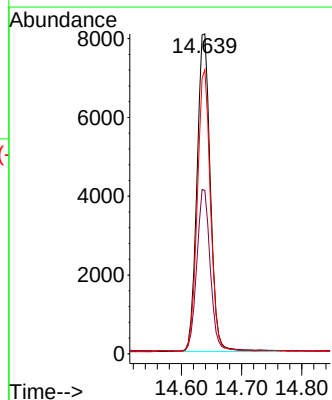
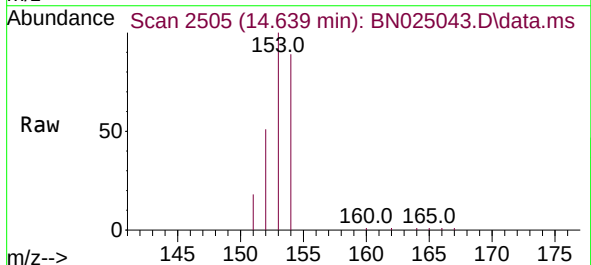
Tgt Ion:153 Resp: 12476

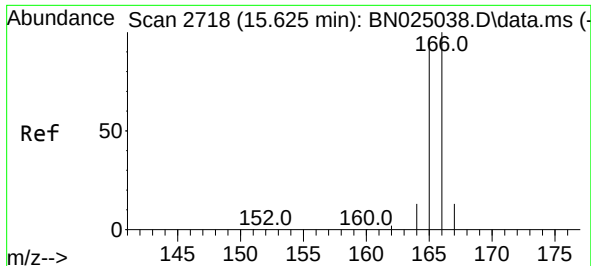
Ion Ratio Lower Upper

153 100

152 51.1 40.2 60.4

154 88.8 69.4 104.2

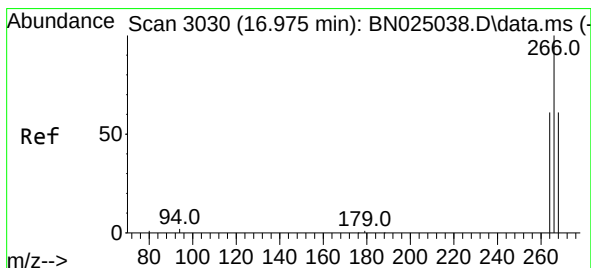
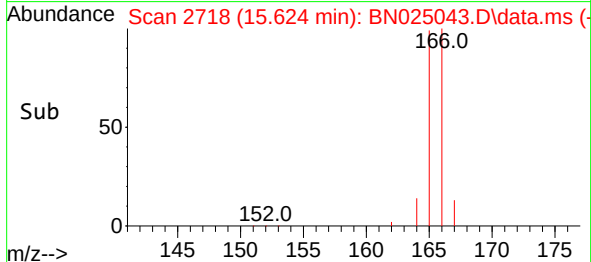
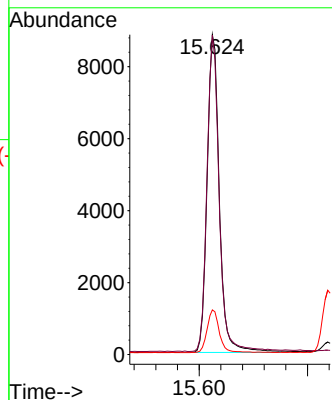
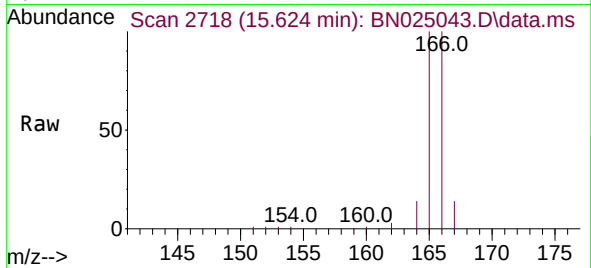




#12
Fluorene
Concen: 0.388 ng/ul
RT: 15.624 min Scan# 2718
Delta R.T. -0.001 min
Lab File: BN025043.D
Acq: 20 Apr 2023 19:50

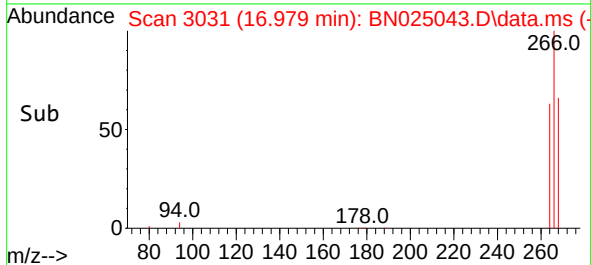
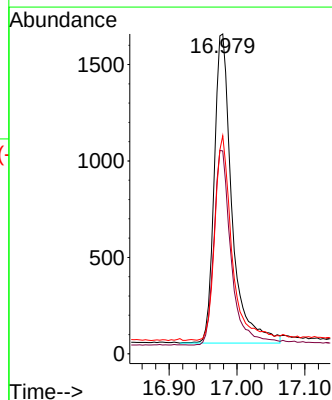
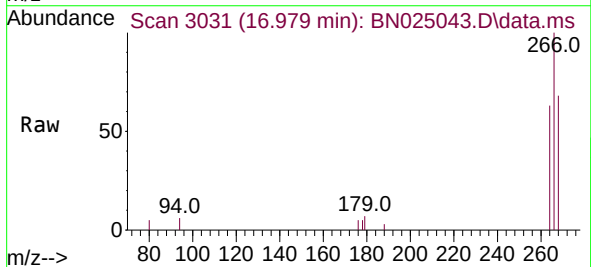
Instrument :
BNA_N
ClientSampleId :
SLCS216

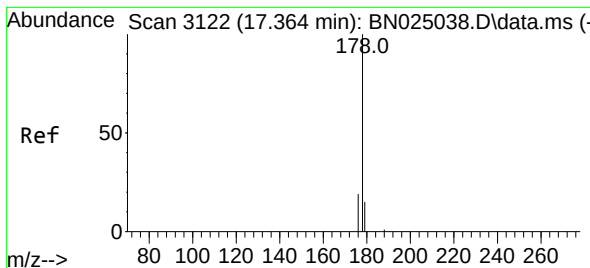
Tgt Ion:166 Resp: 13846
Ion Ratio Lower Upper
166 100
165 99.8 78.1 117.1
167 14.0 11.0 16.6



#14
Pentachlorophenol
Concen: 0.679 ng/ul
RT: 16.979 min Scan# 3031
Delta R.T. 0.003 min
Lab File: BN025043.D
Acq: 20 Apr 2023 19:50

Tgt Ion:266 Resp: 2910
Ion Ratio Lower Upper
266 100
264 61.8 49.6 74.4
268 63.5 51.3 76.9





#15

Phenanthrene

Concen: 0.378 ng/ul

RT: 17.363 min Scan# 3122

Delta R.T. -0.001 min

Lab File: BN025043.D

Acq: 20 Apr 2023 19:50

Instrument :

BNA_N

ClientSampleId :

SLCS216

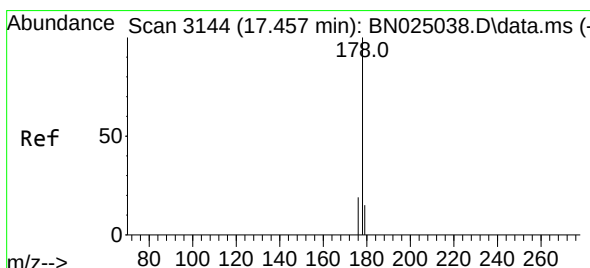
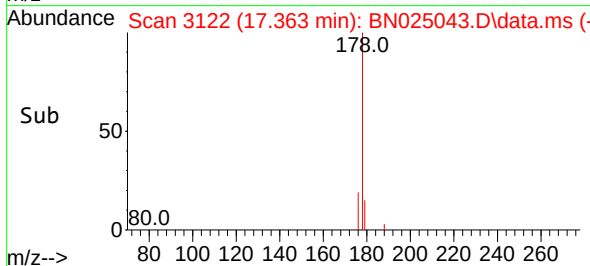
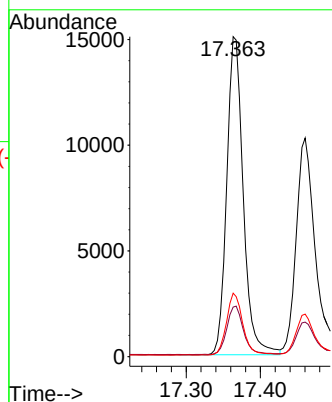
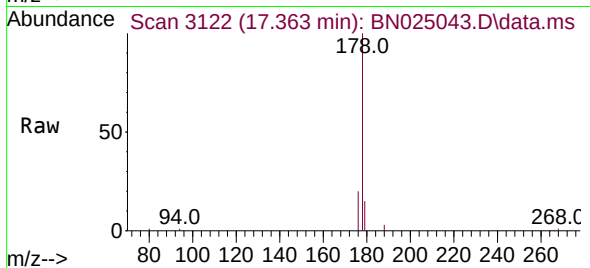
Tgt Ion:178 Resp: 23265

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 19.8 15.6 23.4



#16

Anthracene

Concen: 0.367 ng/ul

RT: 17.460 min Scan# 3145

Delta R.T. 0.003 min

Lab File: BN025043.D

Acq: 20 Apr 2023 19:50

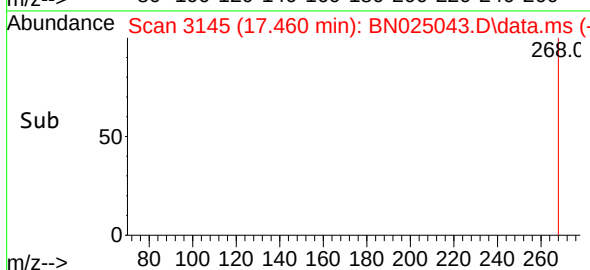
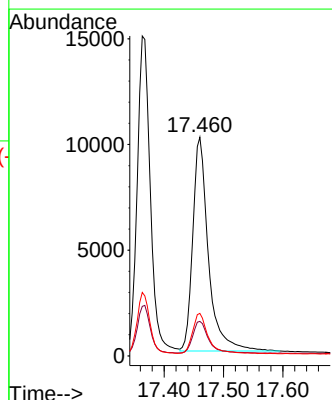
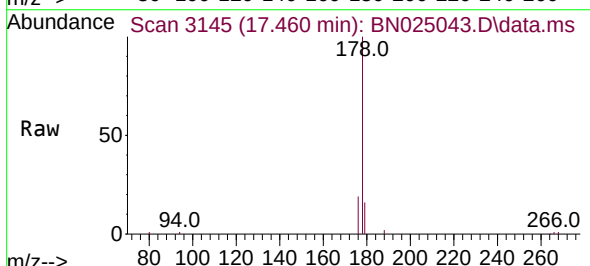
Tgt Ion:178 Resp: 18507

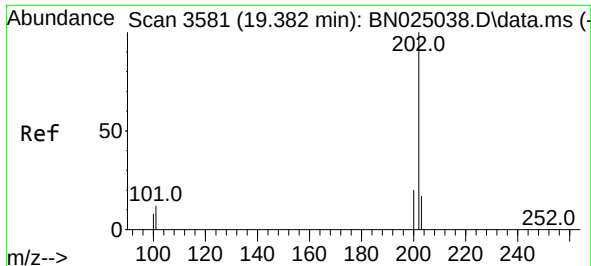
Ion Ratio Lower Upper

178 100

179 15.8 12.7 19.1

176 19.4 15.3 22.9

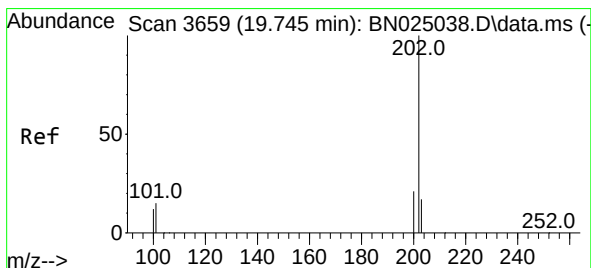
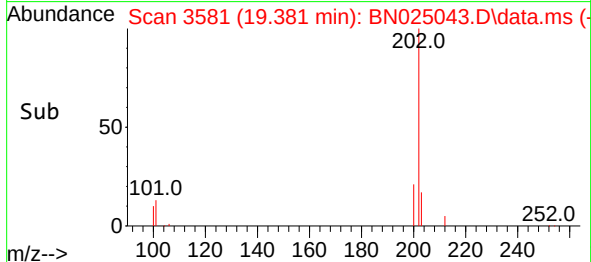
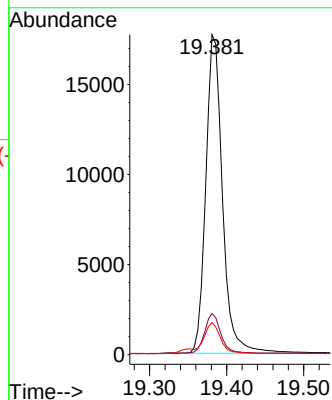
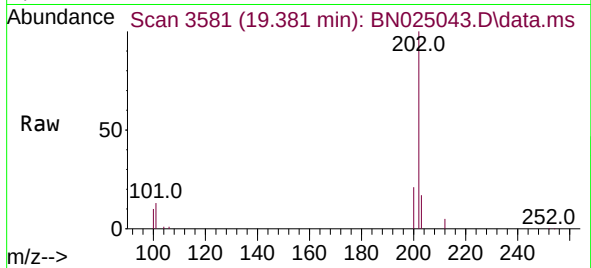




#19
Fluoranthene
Concen: 0.478 ng/ul
RT: 19.381 min Scan# 3581
Delta R.T. -0.001 min
Lab File: BN025043.D
Acq: 20 Apr 2023 19:50

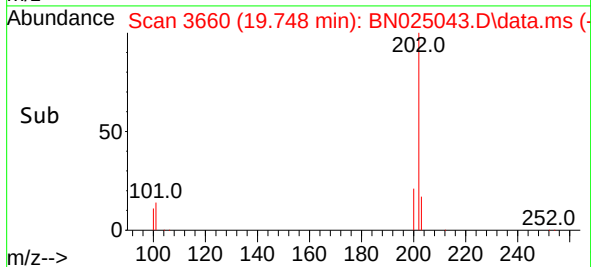
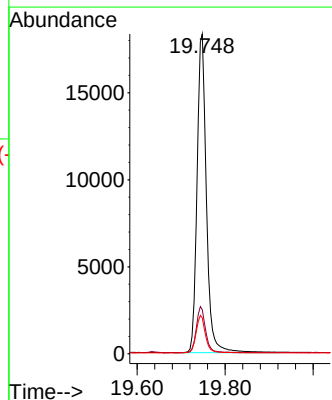
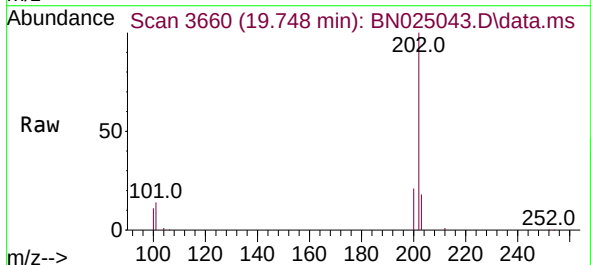
Instrument :
BNA_N
ClientSampleId :
SLCS216

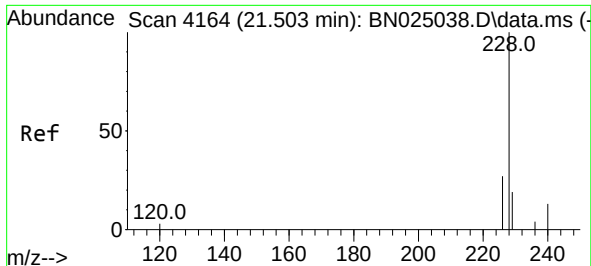
Tgt Ion:202 Resp: 26538
Ion Ratio Lower Upper
202 100
101 12.8 9.7 14.5
100 10.0 7.3 10.9



#20
Pyrene
Concen: 0.473 ng/ul
RT: 19.748 min Scan# 3660
Delta R.T. 0.003 min
Lab File: BN025043.D
Acq: 20 Apr 2023 19:50

Tgt Ion:202 Resp: 26988
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 11.2 9.2 13.8

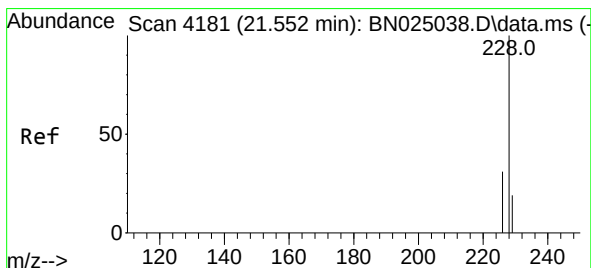
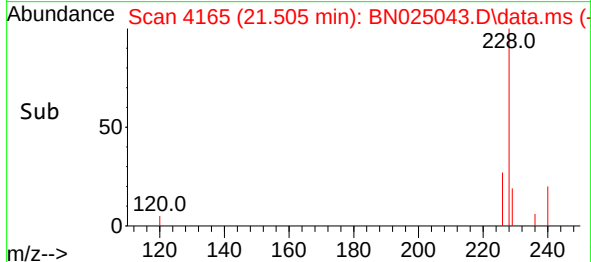
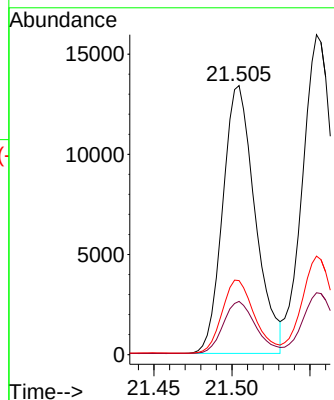
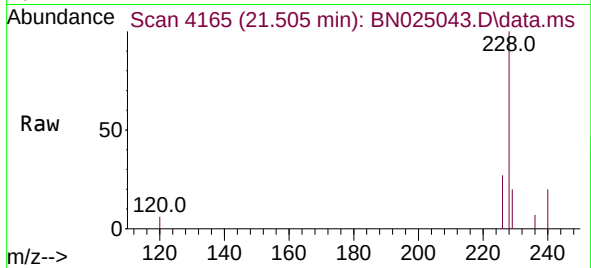




#21
Benzo(a)anthracene
Concen: 0.419 ng/ul
RT: 21.505 min Scan# 4164
Delta R.T. 0.005 min
Lab File: BN025043.D
Acq: 20 Apr 2023 19:50

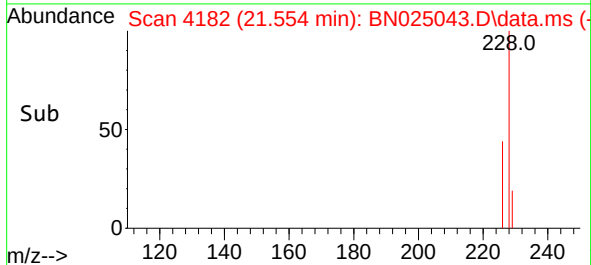
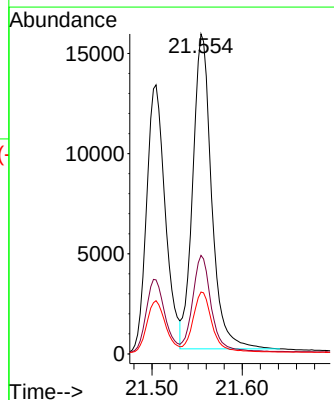
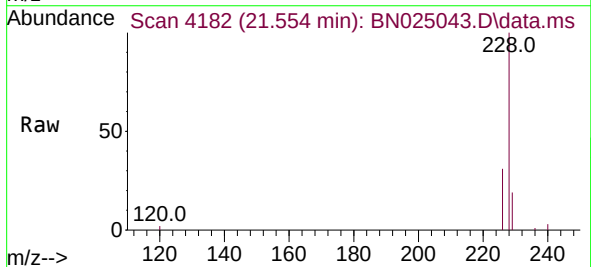
Instrument :
BNA_N
ClientSampleId :
SLCS216

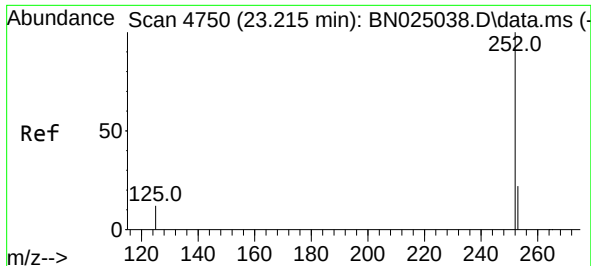
Tgt Ion:228 Resp: 19377
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.451 ng/ul
RT: 21.554 min Scan# 4182
Delta R.T. 0.002 min
Lab File: BN025043.D
Acq: 20 Apr 2023 19:50

Tgt Ion:228 Resp: 22744
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 19.3 15.8 23.6

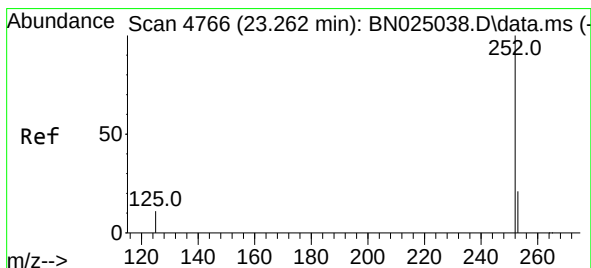
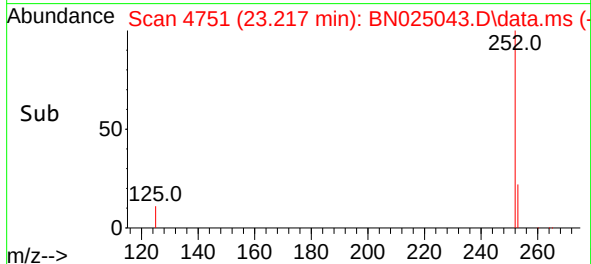
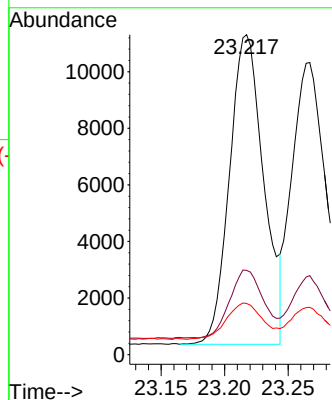
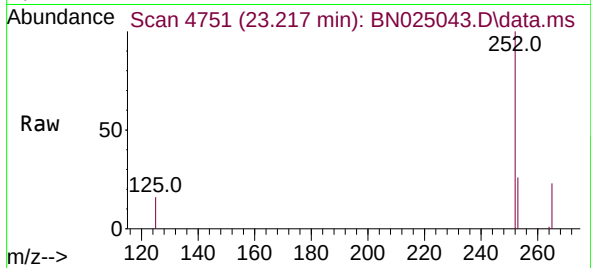




#24
Benzo(b)fluoranthene
Concen: 0.429 ng/ul
RT: 23.217 min Scan# 4751
Delta R.T. 0.005 min
Lab File: BN025043.D
Acq: 20 Apr 2023 19:50

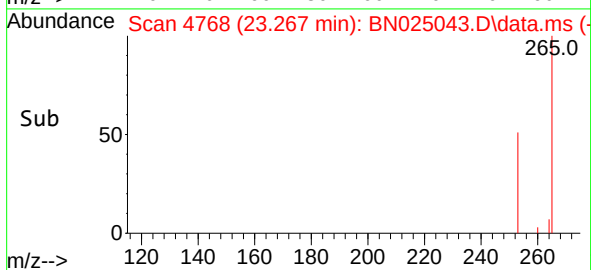
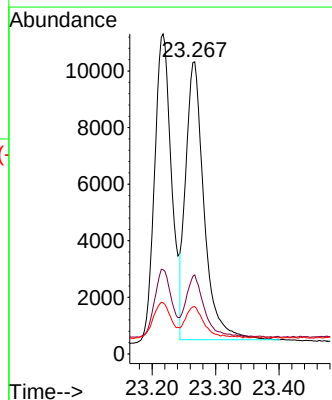
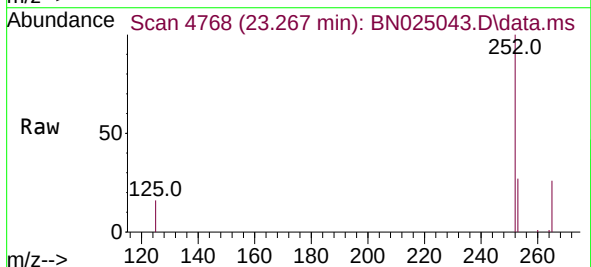
Instrument :
BNA_N
ClientSampleId :
SLCS216

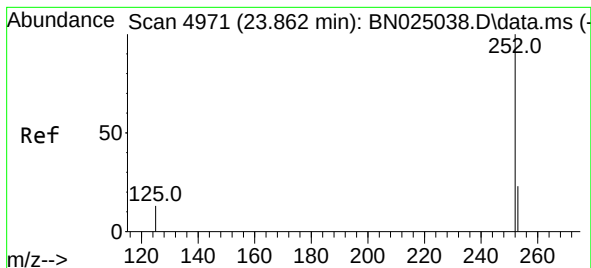
Tgt Ion:252 Resp: 20488
Ion Ratio Lower Upper
252 100
253 26.3 0.0 50.2
125 16.0 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 23.267 min Scan# 4768
Delta R.T. 0.005 min
Lab File: BN025043.D
Acq: 20 Apr 2023 19:50

Tgt Ion:252 Resp: 19768
Ion Ratio Lower Upper
252 100
253 27.0 20.2 30.4
125 16.2 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.399 ng/ul

RT: 23.863 min Scan# 4971

Delta R.T. 0.008 min

Lab File: BN025043.D

Acq: 20 Apr 2023 19:50

Instrument :

BNA_N

ClientSampleId :

SLCS216

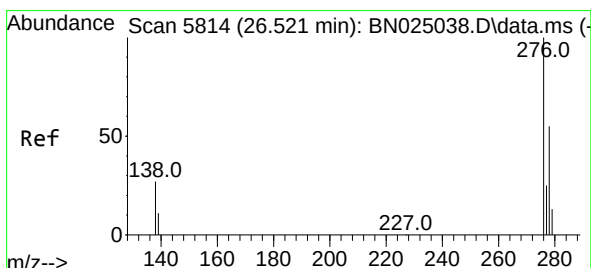
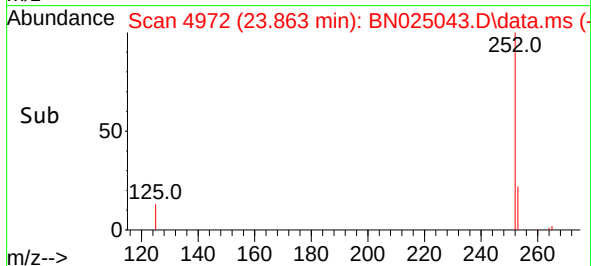
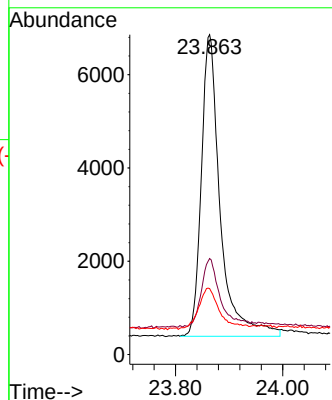
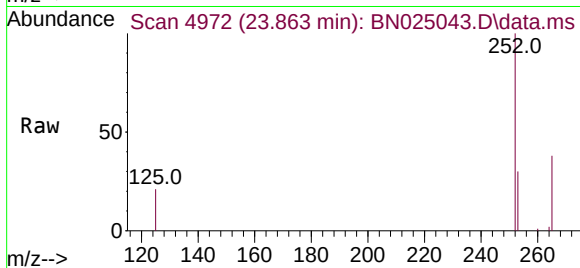
Tgt Ion:252 Resp: 15763

Ion Ratio Lower Upper

252 100

253 30.0 21.4 32.2

125 20.6 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.414 ng/ul

RT: 26.526 min Scan# 5816

Delta R.T. 0.015 min

Lab File: BN025043.D

Acq: 20 Apr 2023 19:50

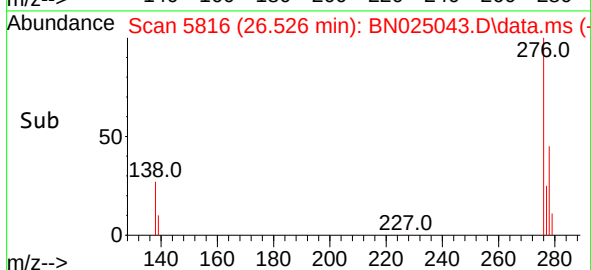
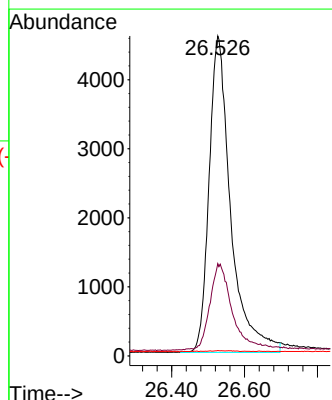
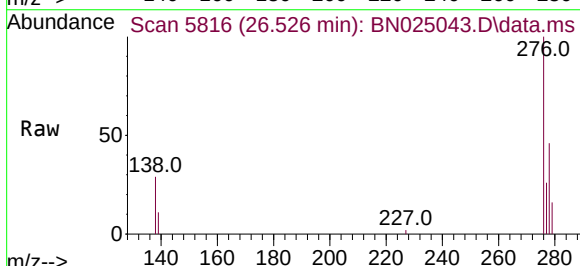
Tgt Ion:276 Resp: 18835

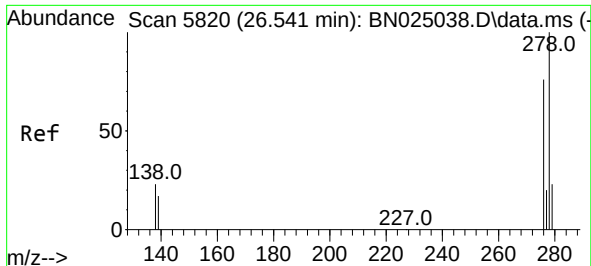
Ion Ratio Lower Upper

276 100

138 28.8 21.9 32.9

227 0.2 0.1 0.1#

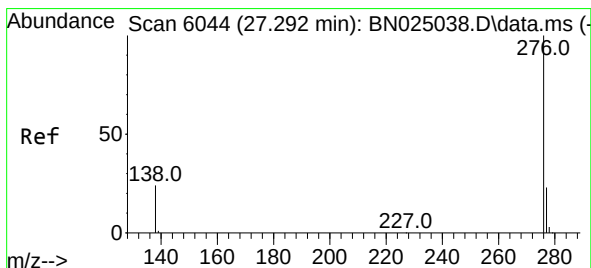
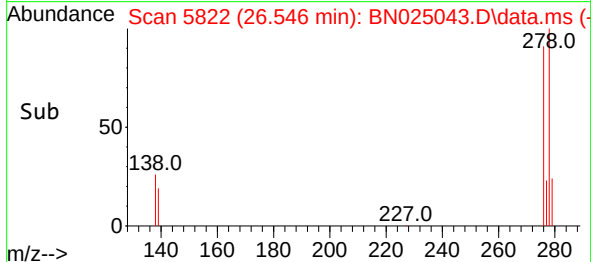
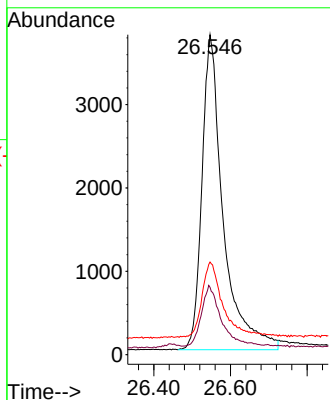
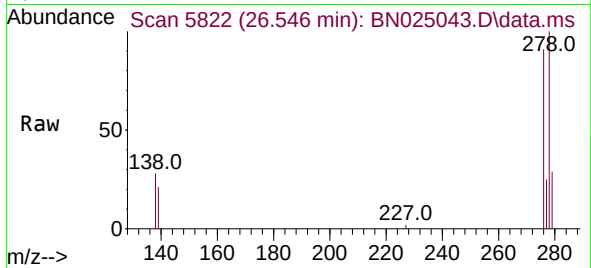




#28
 Dibenzo(a,h)anthracene
 Concen: 0.407 ng/ul
 RT: 26.546 min Scan# 5820
 Delta R.T. 0.009 min
 Lab File: BN025043.D
 Acq: 20 Apr 2023 19:50

Instrument :
 BNA_N
 ClientSampleId :
 SLCS216

Tgt Ion:278 Resp: 14485
 Ion Ratio Lower Upper
 278 100
 139 21.0 17.0 25.6
 279 28.9 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.443 ng/ul
 RT: 27.298 min Scan# 6046
 Delta R.T. 0.005 min
 Lab File: BN025043.D
 Acq: 20 Apr 2023 19:50

Tgt Ion:276 Resp: 17137
 Ion Ratio Lower Upper
 276 100
 138 26.1 20.3 30.5
 277 25.1 19.8 29.6

