

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
 Data File : BN024800.D
 Acq On : 07 Apr 2023 03:21
 Operator : CG/JU
 Sample : PB151912BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS912

Quant Time: Apr 07 04:06:51 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 22:57:45 2023
 Response via : Initial Calibration

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

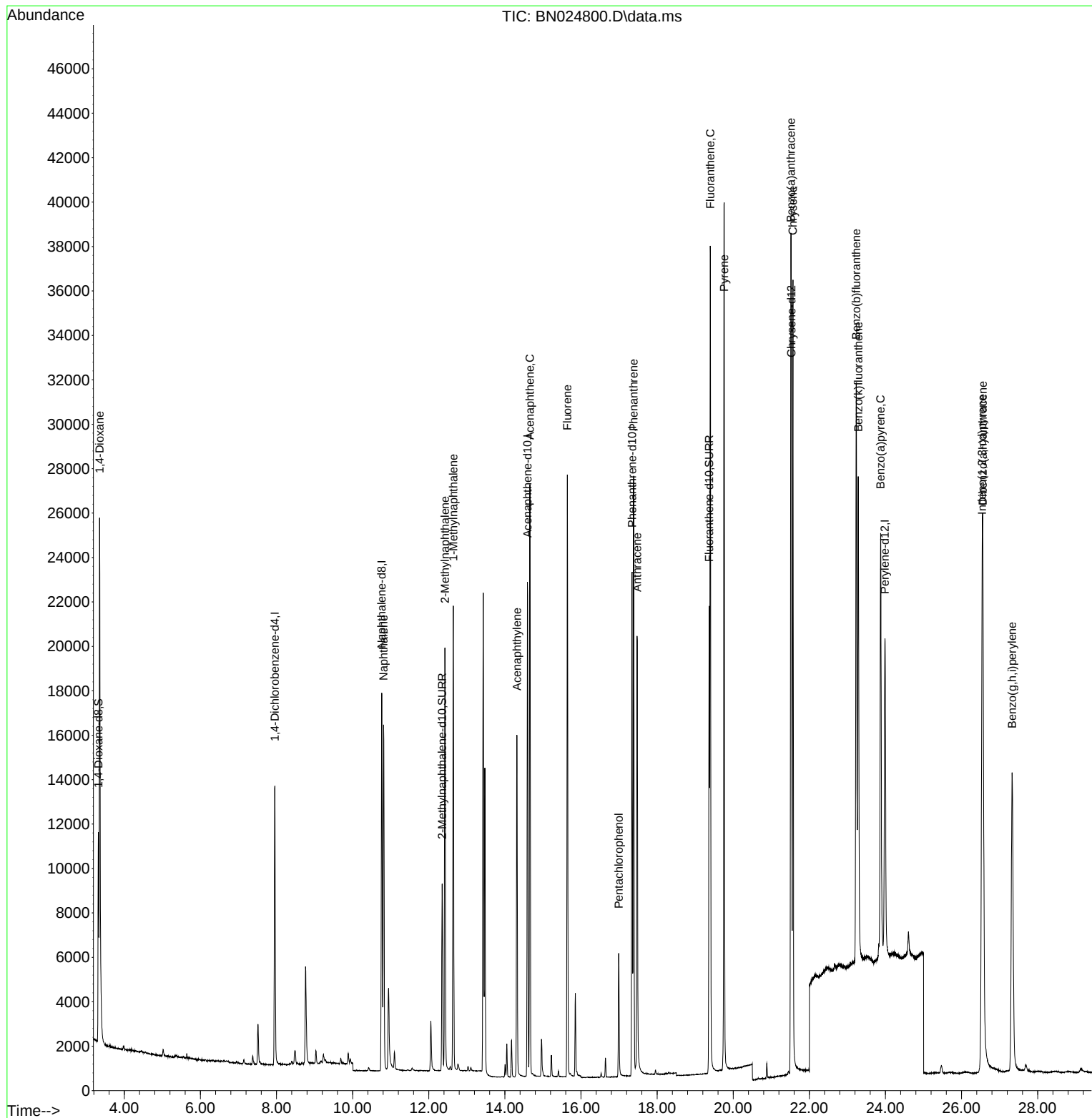
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	6899	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	22118	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	12150	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	26383	0.400	ng/ul	0.00
17) Chrysene-d12	21.531	240	23079	0.400	ng/ul	0.00
23) Perylene-d12	23.986	264	22704	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	6008	0.848	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	10909	0.400	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	22953	0.406	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	15829	2.125	ng/ul	92
5) Naphthalene	10.813	128	21847	0.402	ng/ul	99
7) 2-Methylnaphthalene	12.424	142	13554	0.401	ng/ul	100
8) 1-Methylnaphthalene	12.644	142	14272	0.404	ng/ul	100
10) Acenaphthylene	14.315	152	17642	0.411	ng/ul	100
11) Acenaphthene	14.658	153	15128	0.406	ng/ul	99
12) Fluorene	15.643	166	17042	0.401	ng/ul	98
14) Pentachlorophenol	16.992	266	3883	0.681	ng/ul	98
15) Phenanthrene	17.384	178	28448	0.393	ng/ul	100
16) Anthracene	17.473	178	23441	0.388	ng/ul	100
19) Fluoranthene	19.400	202	31838	0.392	ng/ul	100
20) Pyrene	19.762	202	32651	0.394	ng/ul	99
21) Benzo(a)anthracene	21.514	228	30058	0.433	ng/ul	100
22) Chrysene	21.569	228	32835	0.431	ng/ul	99
24) Benzo(b)fluoranthene	23.232	252	35336	0.375	ng/ul	99
25) Benzo(k)fluoranthene	23.285	252	34196	0.377	ng/ul	99
26) Benzo(a)pyrene	23.872	252	30013	0.405	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.540	276	37030	0.419	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.560	278	28965	0.410	ng/ul	99
29) Benzo(g,h,i)perylene	27.328	276	30924	0.407	ng/ul	100

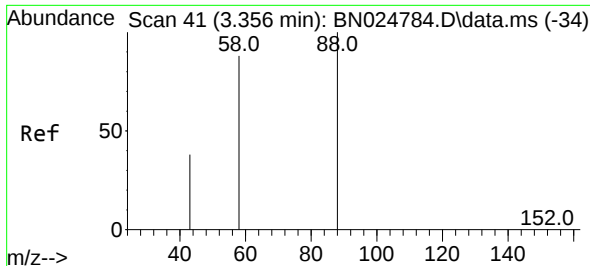
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
Data File : BN024800.D
Acq On : 07 Apr 2023 03:21
Operator : CG/JU
Sample : PB151912BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS912

Quant Time: Apr 07 04:06:51 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 22:57:45 2023
Response via : Initial Calibration

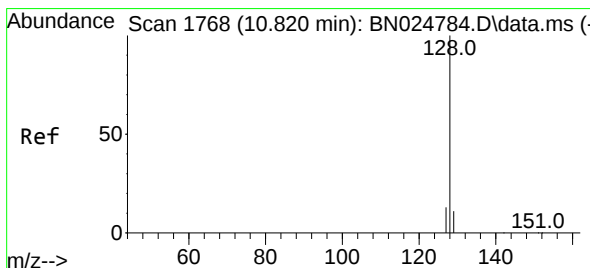
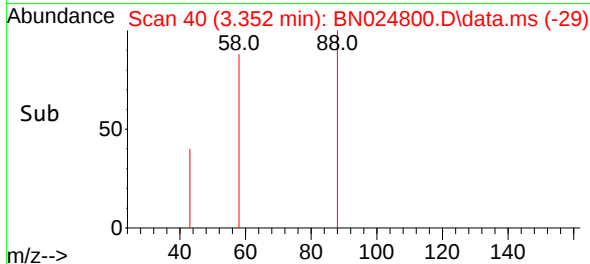
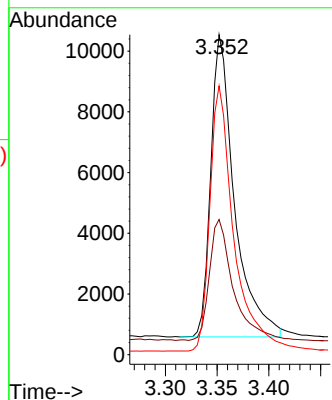
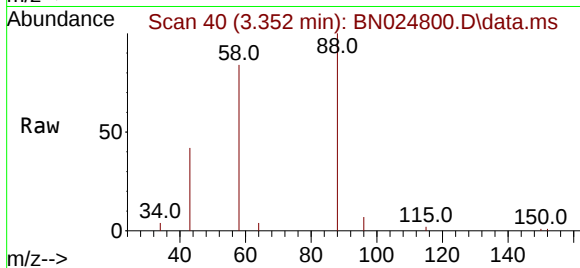




#2
 1,4-Dioxane
 Concen: 2.125 ng/ul
 RT: 3.352 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN024800.D
 Acq: 07 Apr 2023 03:21

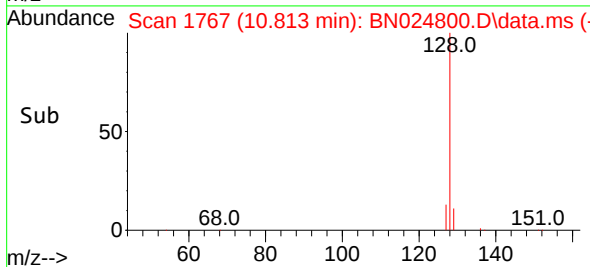
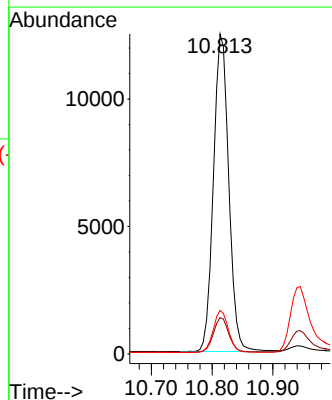
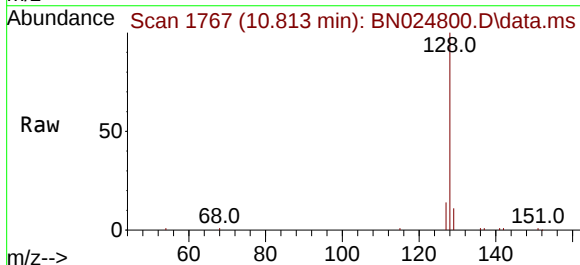
Instrument :
 BNA_N
 ClientSampleId :
 SLCS912

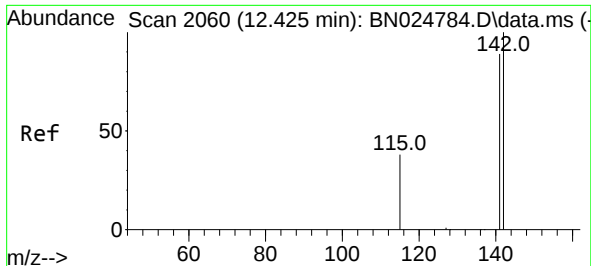
Tgt Ion: 88 Resp: 15829
 Ion Ratio Lower Upper
 88 100
 43 42.3 37.2 55.8
 58 84.0 61.5 92.3



#5
 Naphthalene
 Concen: 0.402 ng/ul
 RT: 10.813 min Scan# 1767
 Delta R.T. -0.007 min
 Lab File: BN024800.D
 Acq: 07 Apr 2023 03:21

Tgt Ion:128 Resp: 21847
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 13.6 10.5 15.7

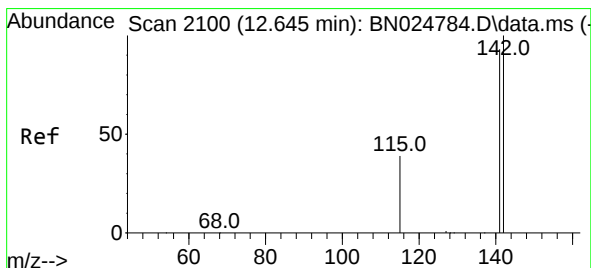
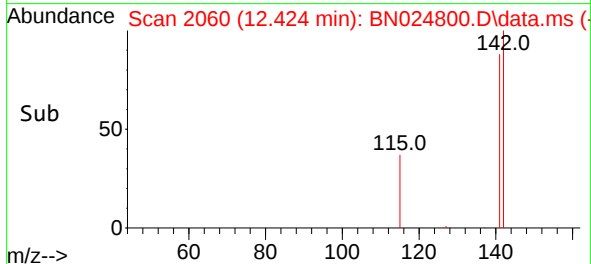
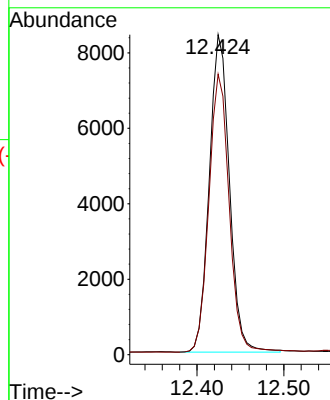
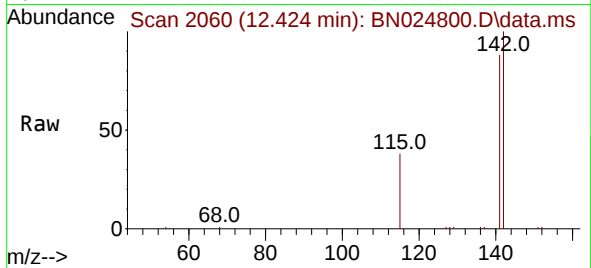




#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.424 min Scan# 2060
Delta R.T. -0.001 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

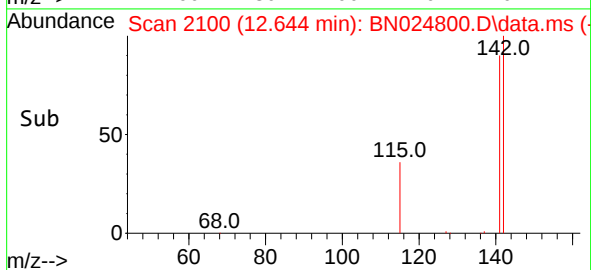
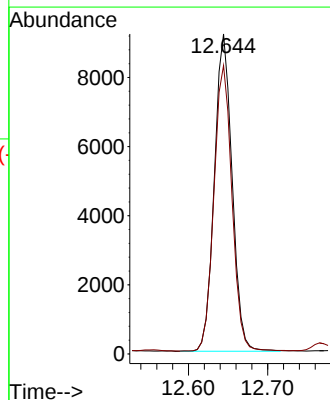
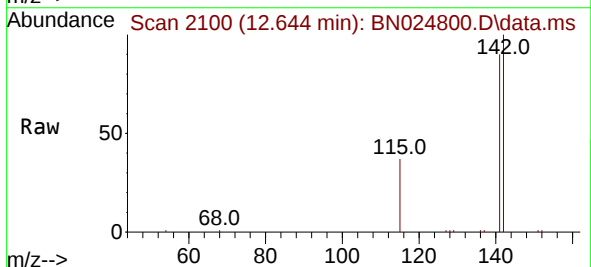
Instrument :
BNA_N
ClientSampleId :
SLCS912

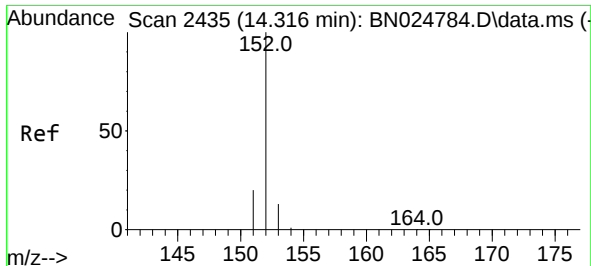
Tgt Ion:142 Resp: 13554
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. -0.001 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

Tgt Ion:142 Resp: 14272
Ion Ratio Lower Upper
142 100
141 91.4 73.5 110.3

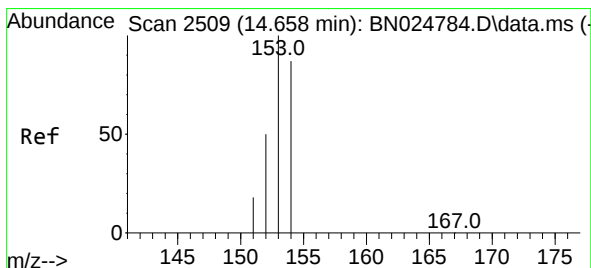
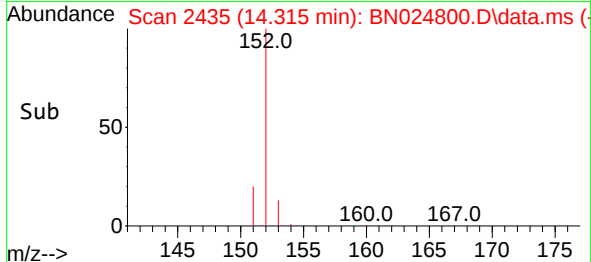
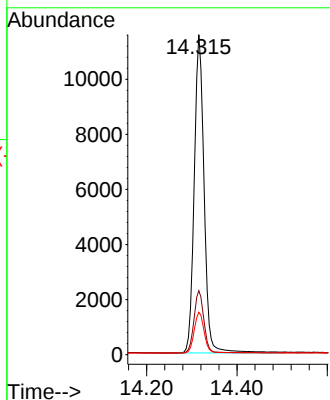
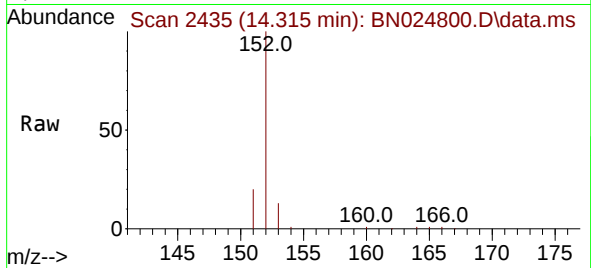




#10
Acenaphthylene
Concen: 0.411 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

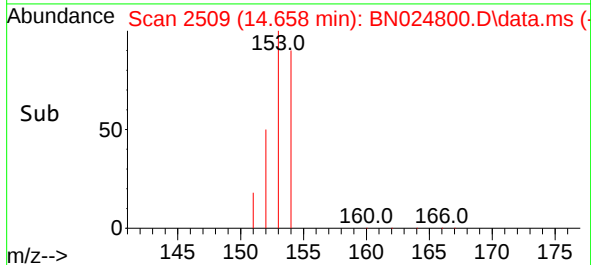
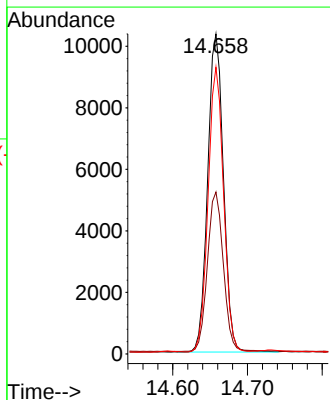
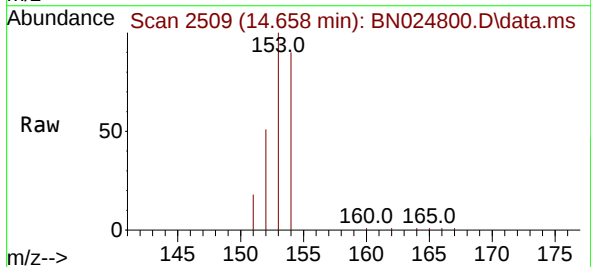
Instrument :
BNA_N
ClientSampleId :
SLCS912

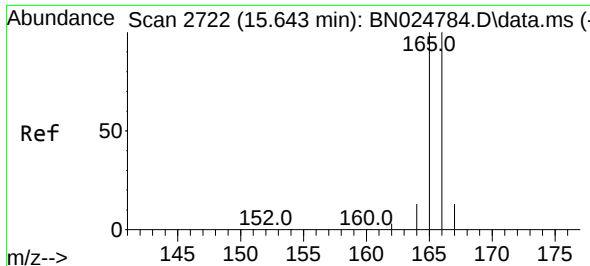
Tgt Ion:152 Resp: 17642
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

Tgt Ion:153 Resp: 15128
Ion Ratio Lower Upper
153 100
152 50.6 40.3 60.5
154 89.6 71.0 106.4

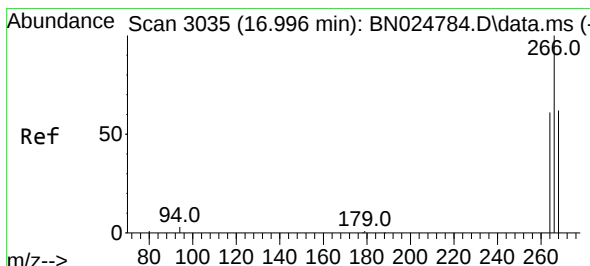
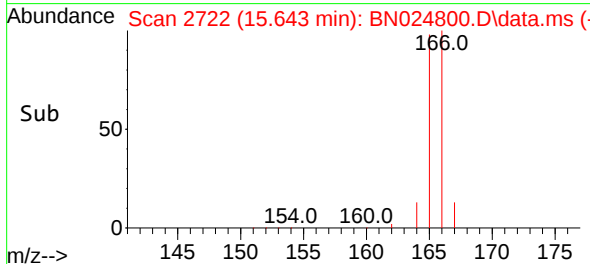
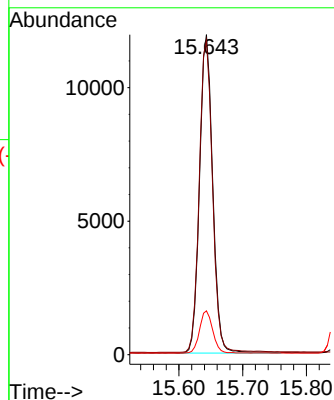
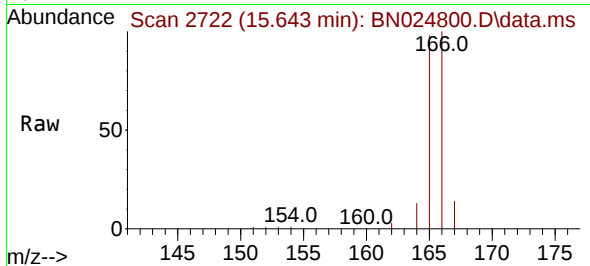




#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.643 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

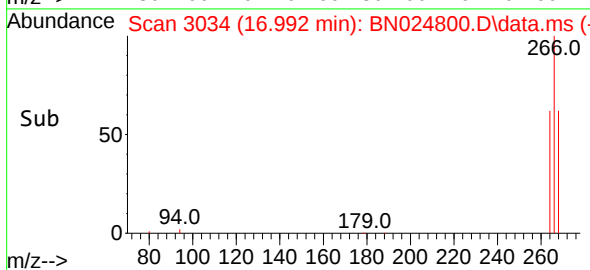
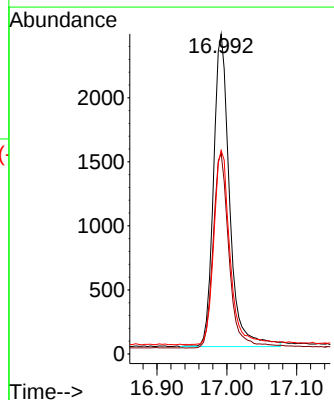
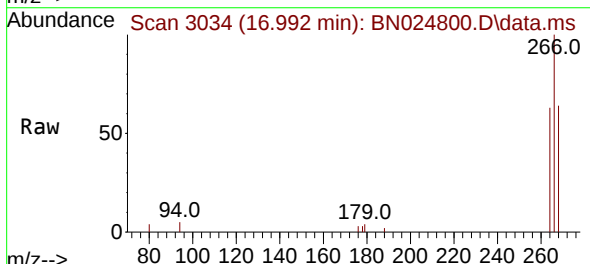
Instrument :
BNA_N
ClientSampleId :
SLCS912

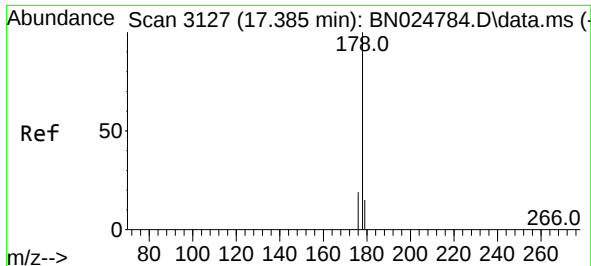
Tgt Ion:166 Resp: 17042
Ion Ratio Lower Upper
166 100
165 98.4 80.0 120.0
167 13.7 10.8 16.2



#14
Pentachlorophenol
Concen: 0.681 ng/ul
RT: 16.992 min Scan# 3034
Delta R.T. -0.004 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

Tgt Ion:266 Resp: 3883
Ion Ratio Lower Upper
266 100
264 62.5 49.6 74.4
268 63.1 52.6 78.8

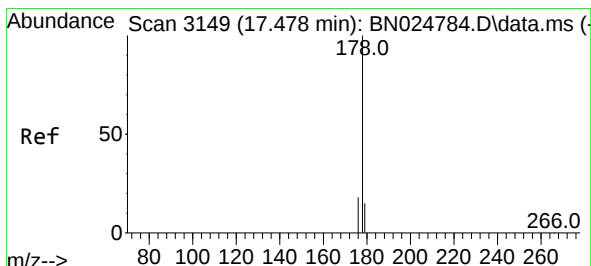
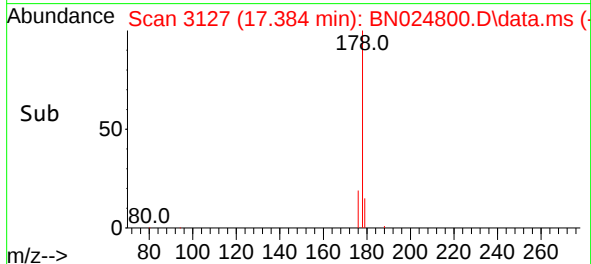
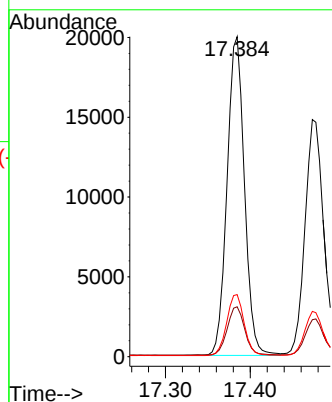
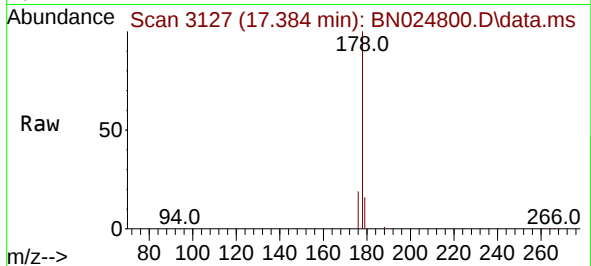




#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

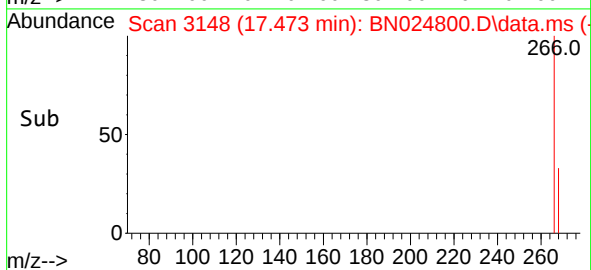
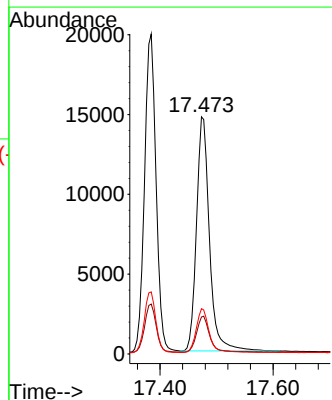
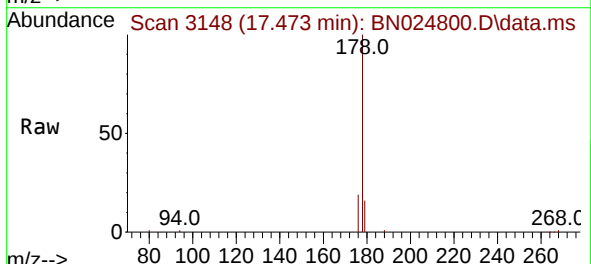
Instrument :
BNA_N
ClientSampleId :
SLCS912

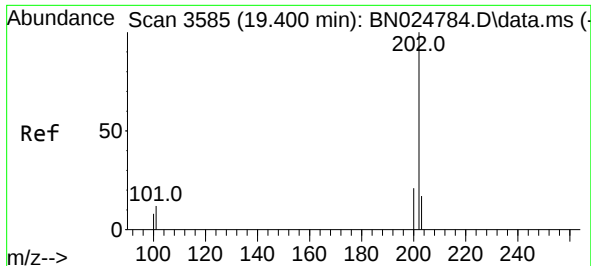
Tgt Ion:178 Resp: 28448
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.4 15.5 23.3



#16
Anthracene
Concen: 0.388 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

Tgt Ion:178 Resp: 23441
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.1 15.2 22.8





#19

Fluoranthene

Concen: 0.392 ng/ul

RT: 19.400 min Scan# 3585

Delta R.T. -0.001 min

Lab File: BN024800.D

Acq: 07 Apr 2023 03:21

Instrument :

BNA_N

ClientSampleId :

SLCS912

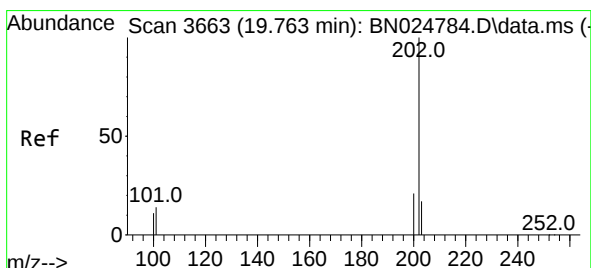
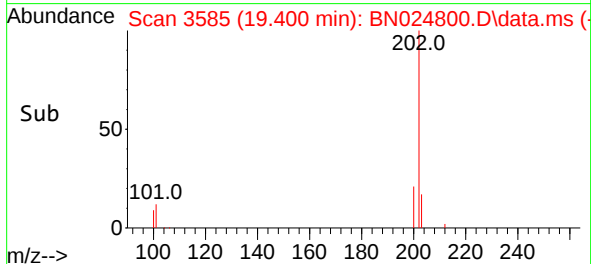
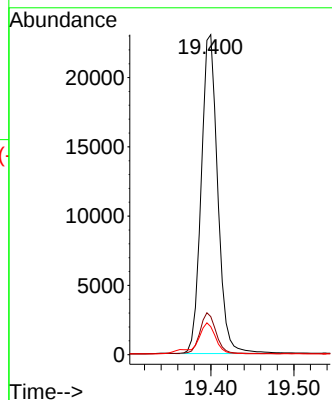
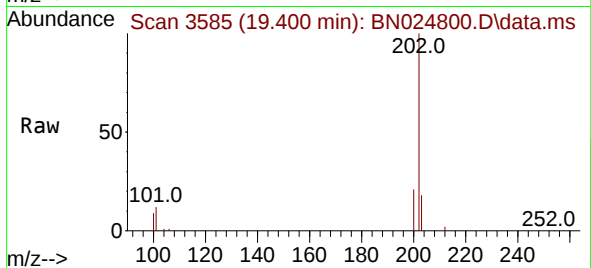
Tgt Ion:202 Resp: 31838

Ion Ratio Lower Upper

202 100

101 11.9 9.6 14.4

100 8.8 7.0 10.6



#20

Pyrene

Concen: 0.394 ng/ul

RT: 19.762 min Scan# 3663

Delta R.T. -0.001 min

Lab File: BN024800.D

Acq: 07 Apr 2023 03:21

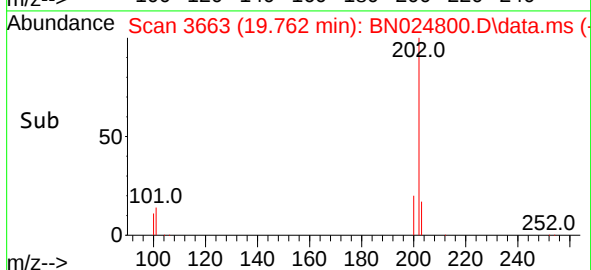
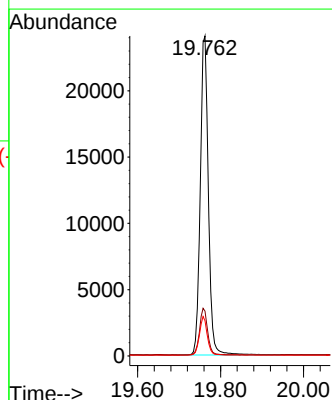
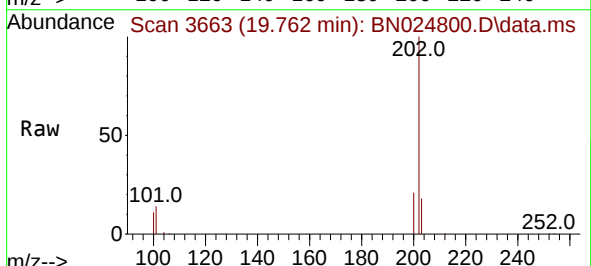
Tgt Ion:202 Resp: 32651

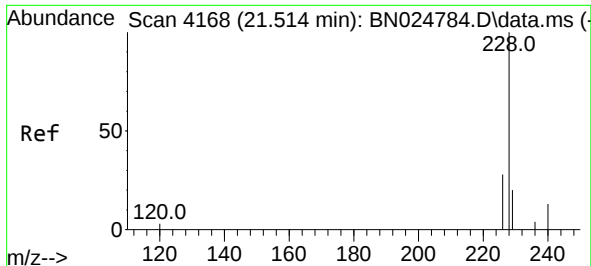
Ion Ratio Lower Upper

202 100

101 14.0 10.9 16.3

100 11.0 8.7 13.1

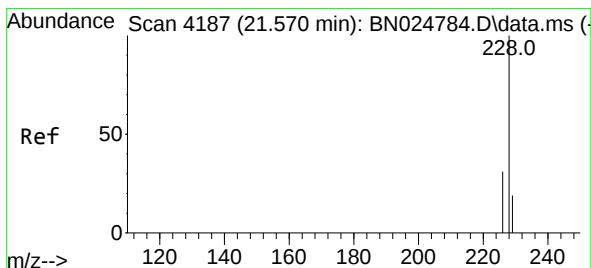
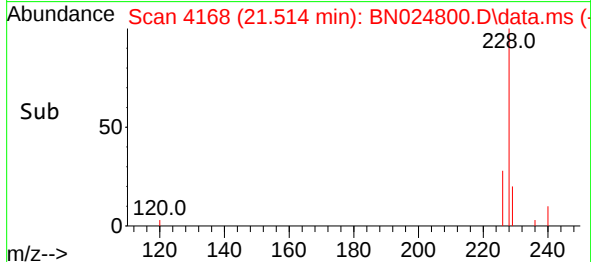
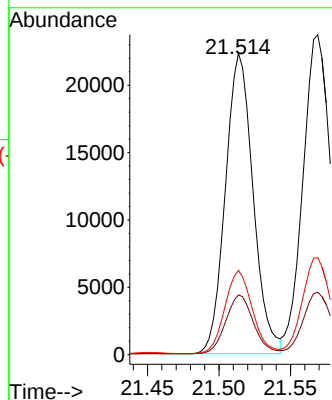
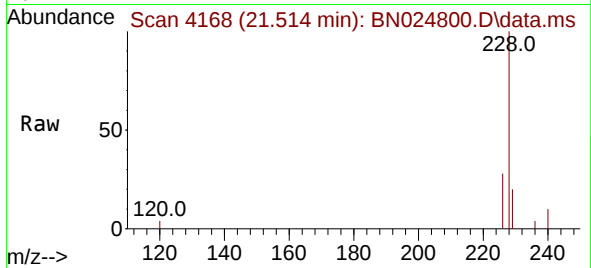




#21
Benzo(a)anthracene
Concen: 0.433 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.001 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

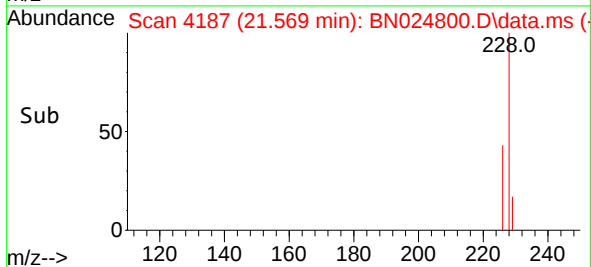
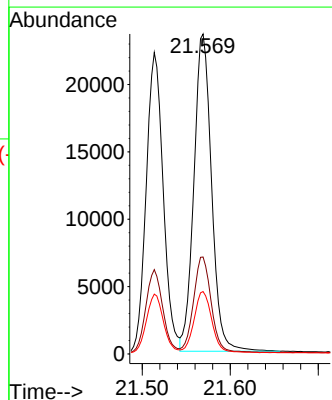
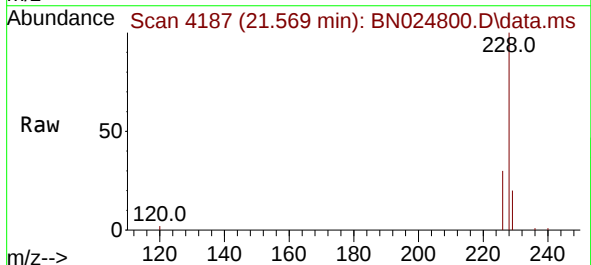
Instrument :
BNA_N
ClientSampleId :
SLCS912

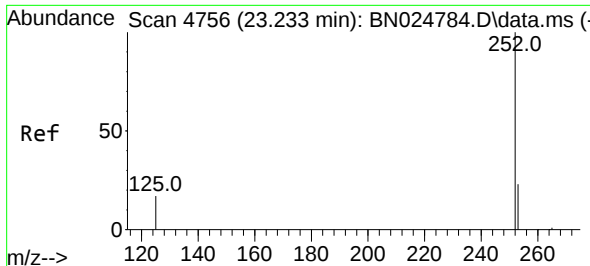
Tgt Ion:228 Resp: 30058
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 28.0 22.5 33.7



#22
Chrysene
Concen: 0.431 ng/ul
RT: 21.569 min Scan# 4187
Delta R.T. -0.001 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

Tgt Ion:228 Resp: 32835
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.5 15.6 23.4

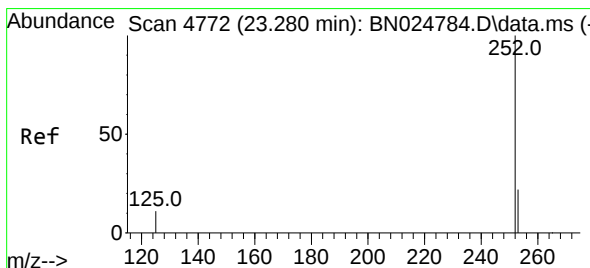
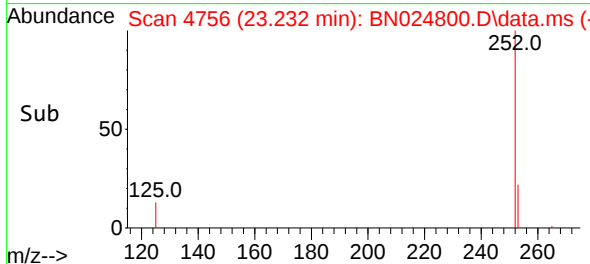
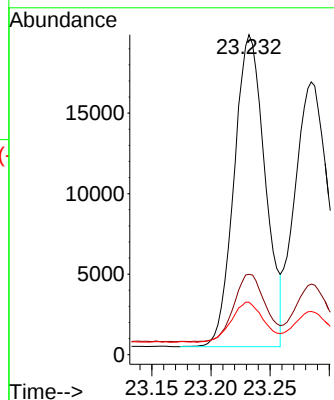
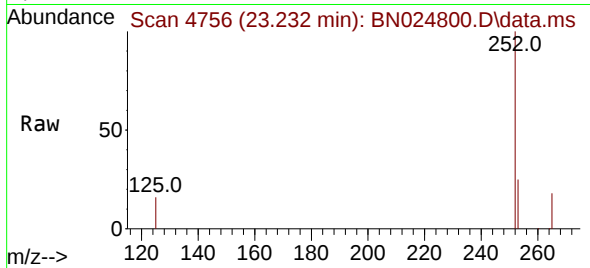




#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.232 min Scan# 4756
Delta R.T. -0.001 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

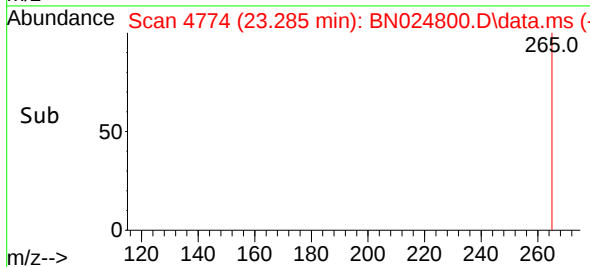
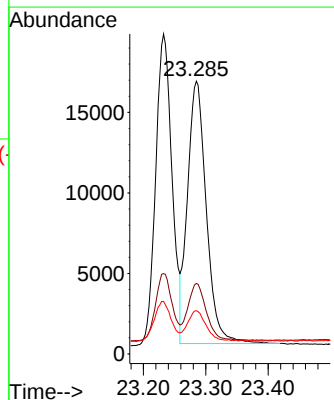
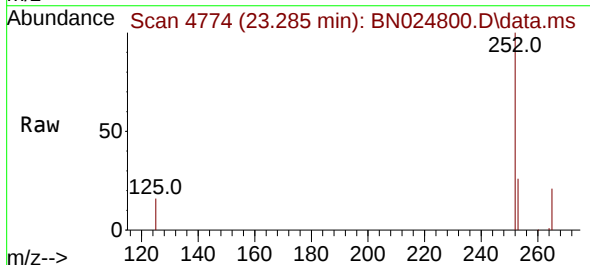
Instrument :
BNA_N
ClientSampleId :
SLCS912

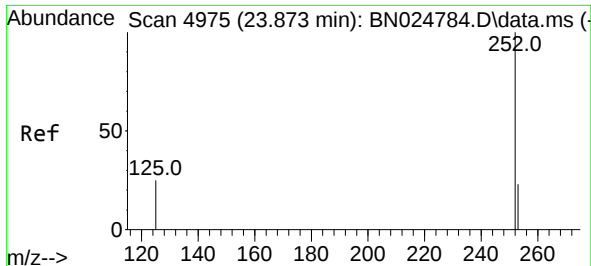
Tgt Ion:252 Resp: 35336
Ion Ratio Lower Upper
252 100
253 25.1 0.0 49.6
125 16.4 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 23.285 min Scan# 4774
Delta R.T. 0.005 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

Tgt Ion:252 Resp: 34196
Ion Ratio Lower Upper
252 100
253 25.9 20.2 30.2
125 15.9 13.1 19.7

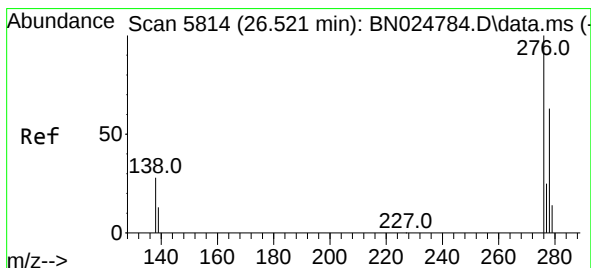
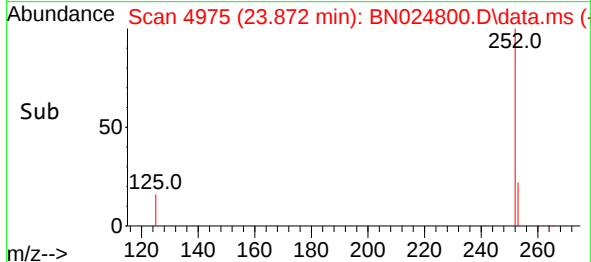
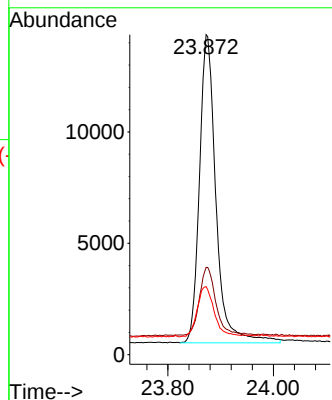
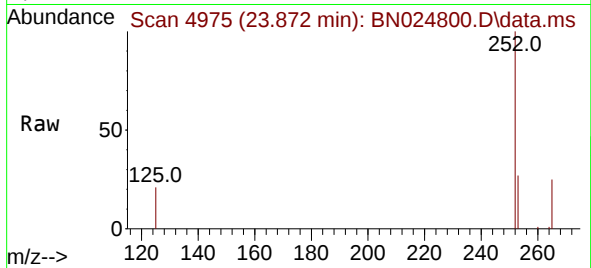




#26
Benzo(a)pyrene
Concen: 0.405 ng/ul
RT: 23.872 min Scan# 4975
Delta R.T. -0.001 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

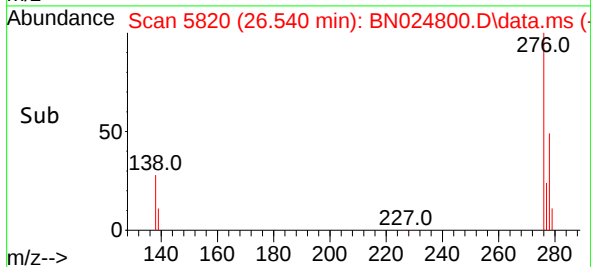
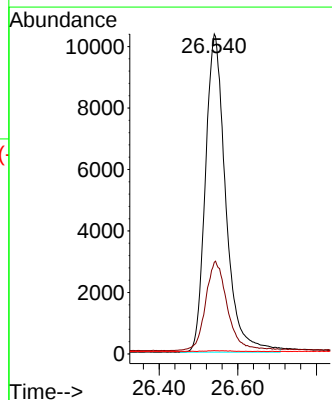
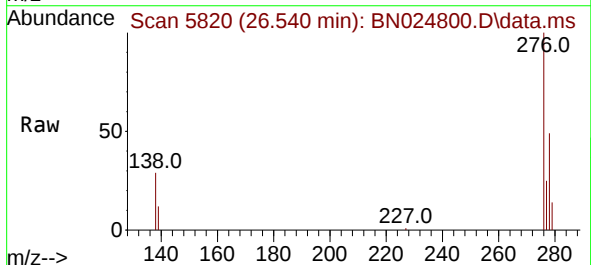
Instrument :
BNA_N
ClientSampleId :
SLCS912

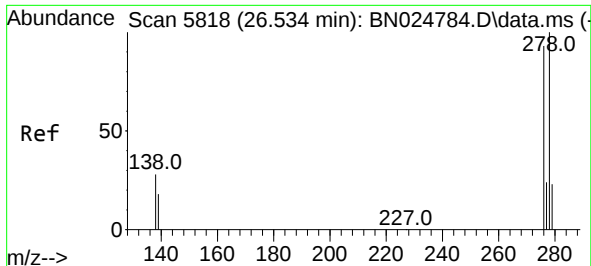
Tgt Ion:252 Resp: 30013
Ion Ratio Lower Upper
252 100
253 27.3 21.8 32.8
125 21.2 15.4 23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng/ul
RT: 26.540 min Scan# 5820
Delta R.T. 0.019 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

Tgt Ion:276 Resp: 37030
Ion Ratio Lower Upper
276 100
138 30.4 24.6 36.8
227 0.1 0.1 0.1#

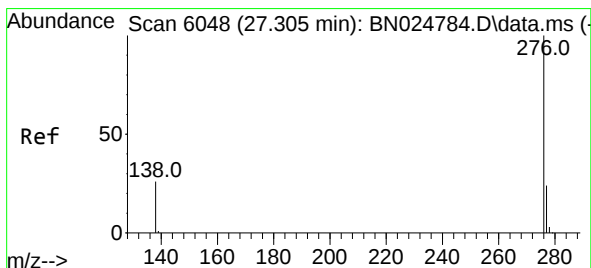
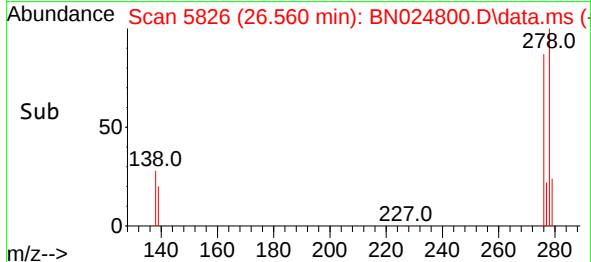
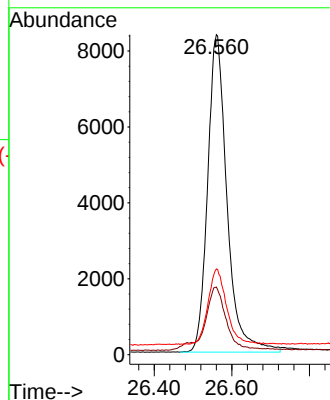
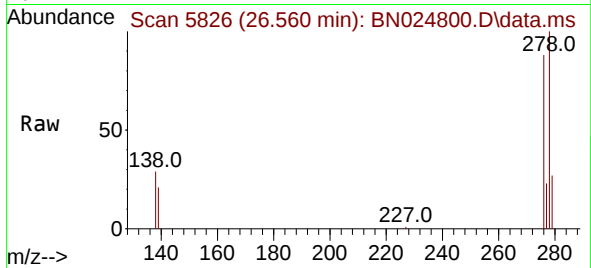




#28
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 26.560 min Scan# 51
Delta R.T. 0.026 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

Instrument :
BNA_N
ClientSampleId :
SLCS912

Tgt Ion:278 Resp: 28965
Ion Ratio Lower Upper
278 100
139 21.1 16.5 24.7
279 26.8 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 27.328 min Scan# 6055
Delta R.T. 0.023 min
Lab File: BN024800.D
Acq: 07 Apr 2023 03:21

Tgt Ion:276 Resp: 30924
Ion Ratio Lower Upper
276 100
138 26.8 21.4 32.2
277 24.7 19.8 29.6

