

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024500.D
 Acq On : 23 Mar 2023 04:15
 Operator : CG/JU
 Sample : PB151557BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS557

Quant Time: Mar 23 04:44:35 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 23 03:32:22 2023
 Response via : Initial Calibration

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

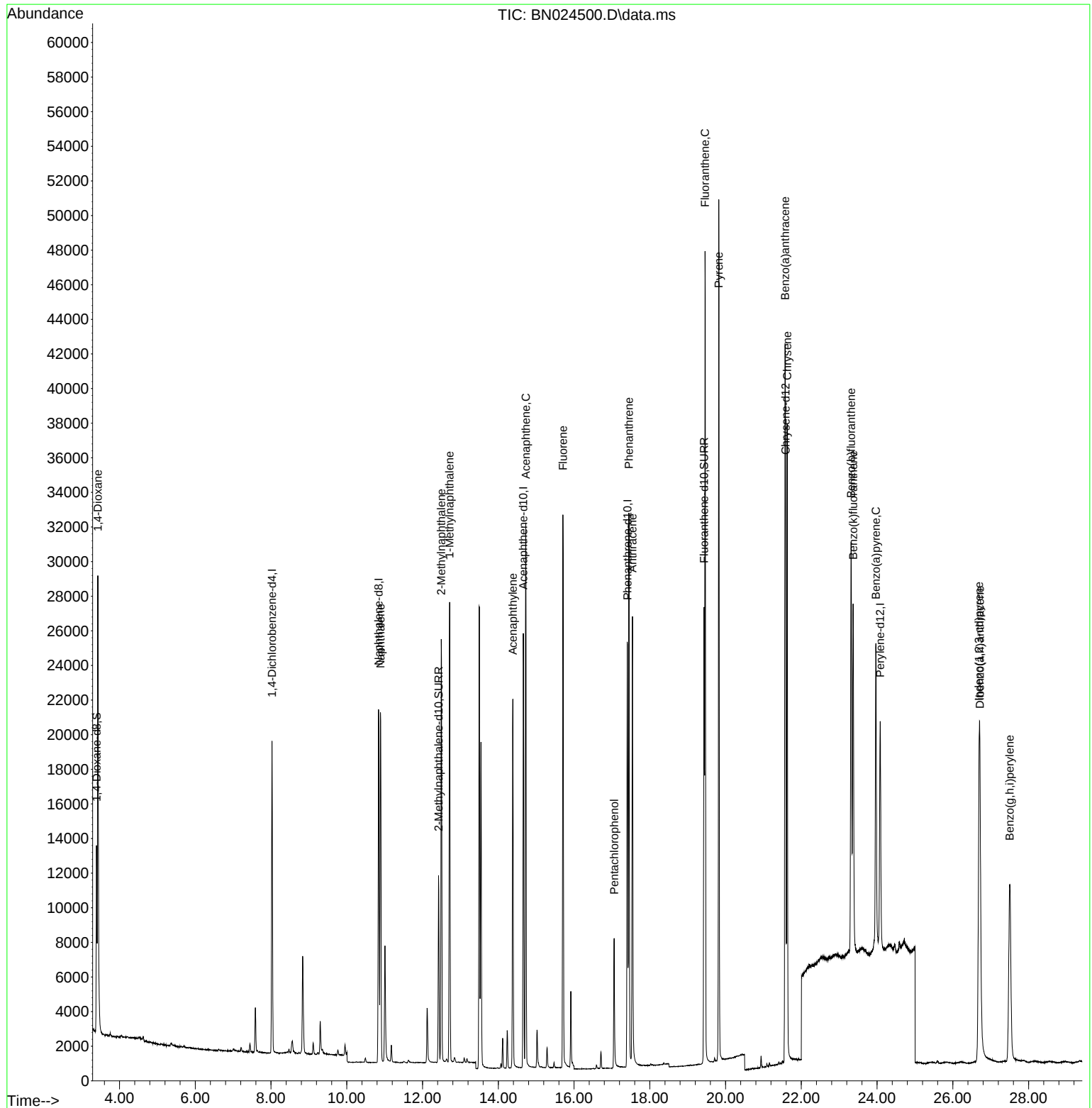
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	9285	0.400	ng/u1	0.00
4) Naphthalene-d8	10.839	136	26865	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.661	164	13869	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.409	188	29629	0.400	ng/u1	0.00
17) Chrysene-d12	21.585	240	22701	0.400	ng/u1	0.00
23) Perylene-d12	24.082	264	20373	0.400	ng/u1	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	7056	0.691	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.423	152	13673	0.428	ng/u1	0.00
18) Fluoranthene-d10	19.431	212	27693	0.458	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.427	88	18096	1.628	ng/u1	90
5) Naphthalene	10.889	128	28019	0.418	ng/u1	99
7) 2-Methylnaphthalene	12.495	142	17191	0.423	ng/u1	99
8) 1-Methylnaphthalene	12.715	142	18033	0.422	ng/u1	100
10) Acenaphthylene	14.384	152	24576	0.425	ng/u1	100
11) Acenaphthene	14.726	153	18599	0.417	ng/u1	98
12) Fluorene	15.707	166	20608	0.414	ng/u1	97
14) Pentachlorophenol	17.058	266	5323	0.647	ng/u1#	72
15) Phenanthrene	17.447	178	34122	0.402	ng/u1	100
16) Anthracene	17.540	178	30119	0.404	ng/u1	100
19) Fluoranthene	19.459	202	39323	0.435	ng/u1	100
20) Pyrene	19.822	202	40676	0.444	ng/u1	99
21) Benzo(a)anthracene	21.571	228	32870	0.444	ng/u1	100
22) Chrysene	21.626	228	34205	0.437	ng/u1	99
24) Benzo(b)fluoranthene	23.313	252	33449	0.430	ng/u1	96
25) Benzo(k)fluoranthene	23.369	252	31684	0.392	ng/u1	95
26) Benzo(a)pyrene	23.968	252	27388	0.409	ng/u1	93
27) Indeno(1,2,3-cd)pyrene	26.693	276	31296	0.415	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.716	278	23769	0.415	ng/u1	96
29) Benzo(g,h,i)perylene	27.501	276	27426	0.419	ng/u1	97

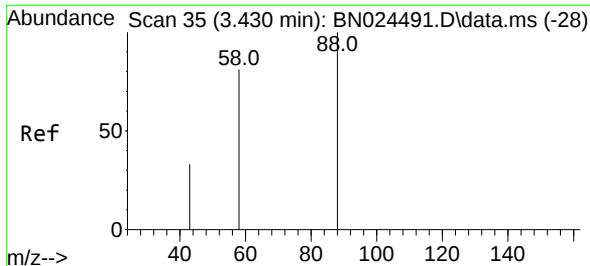
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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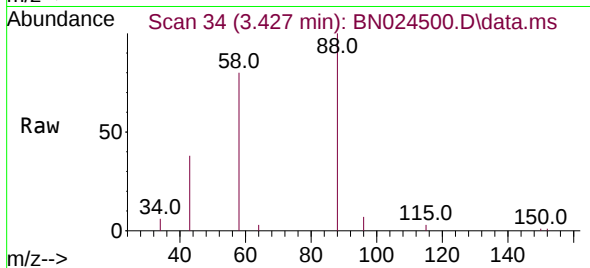
Quant Time: Mar 23 04:44:35 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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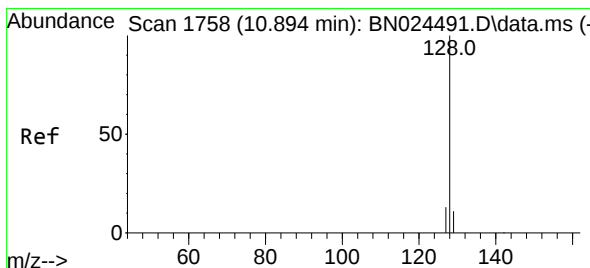
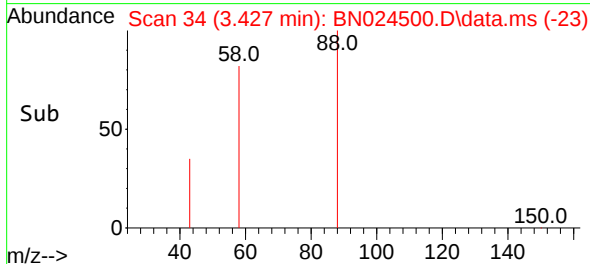
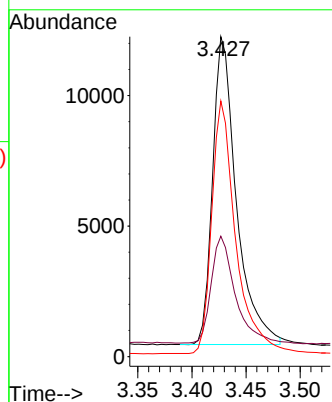
#2
 1,4-Dioxane
 Concen: 1.628 ng/ul
 RT: 3.427 min Scan# 34
 Delta R.T. -0.004 min
 Lab File: BN024500.D
 Acq: 23 Mar 2023 04:15

Instrument :
 BNA_N
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 SLCS557



Tgt Ion: 88 Resp: 18096

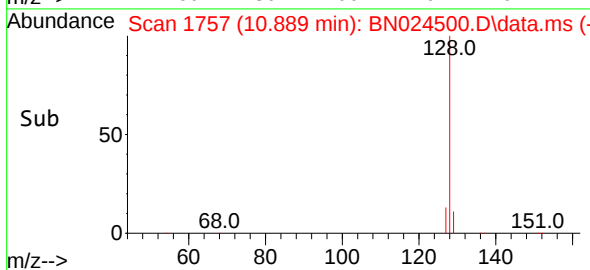
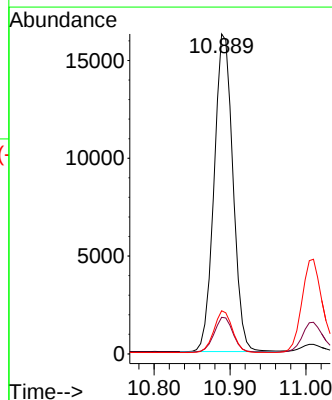
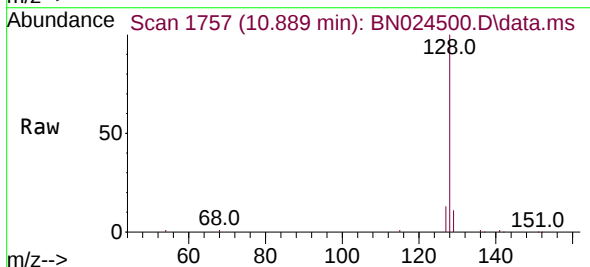
Ion	Ratio	Lower	Upper
88	100		
43	37.6	32.1	48.1
58	79.9	55.1	82.7

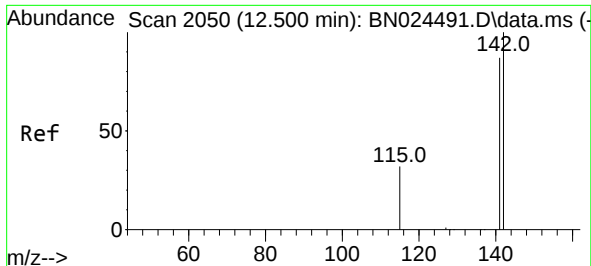


#5
 Naphthalene
 Concen: 0.418 ng/ul
 RT: 10.889 min Scan# 1757
 Delta R.T. -0.005 min
 Lab File: BN024500.D
 Acq: 23 Mar 2023 04:15

Tgt Ion: 128 Resp: 28019

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.5	10.5	15.7

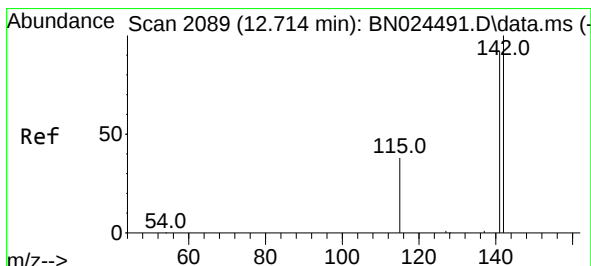
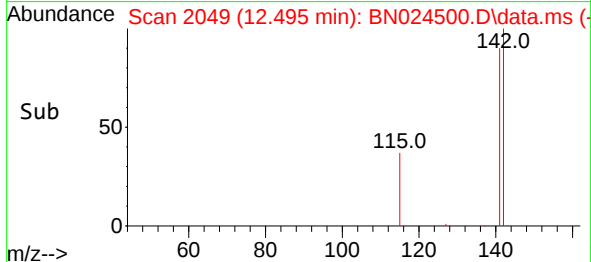
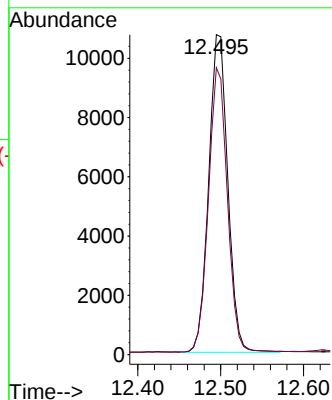
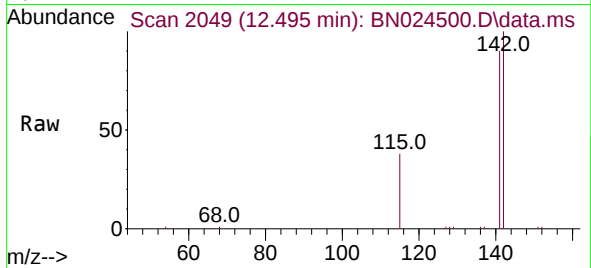




#7
2-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.495 min Scan# 2049
Delta R.T. -0.005 min
Lab File: BN024500.D
Acq: 23 Mar 2023 04:15

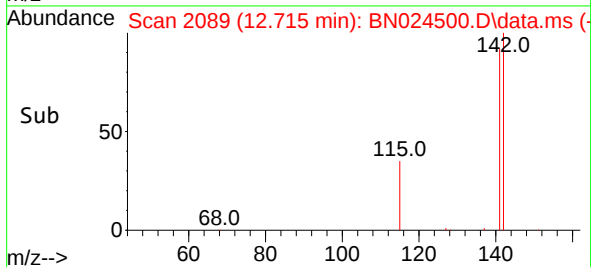
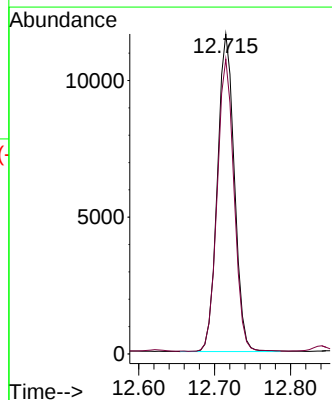
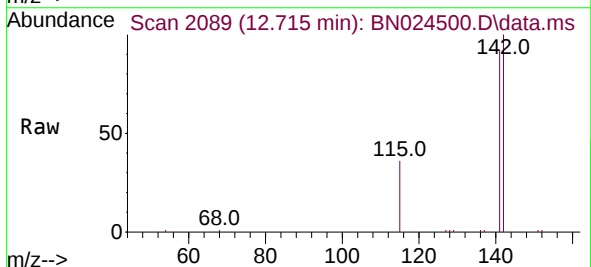
Instrument :
BNA_N
ClientSampleId :
SLCS557

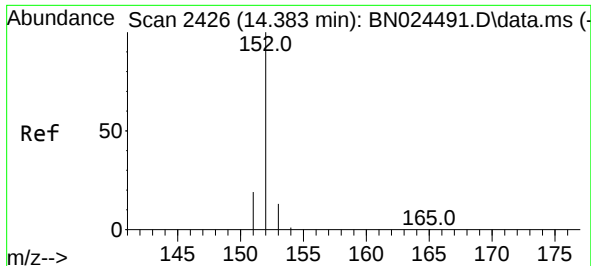
Tgt Ion:142 Resp: 17191
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.715 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN024500.D
Acq: 23 Mar 2023 04:15

Tgt Ion:142 Resp: 18033
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.6

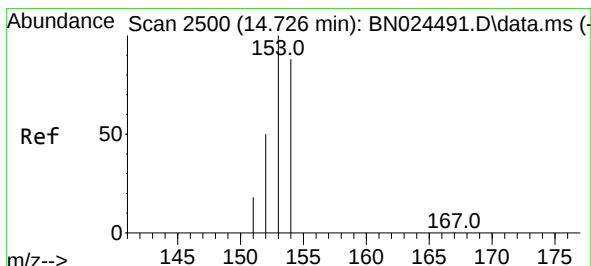
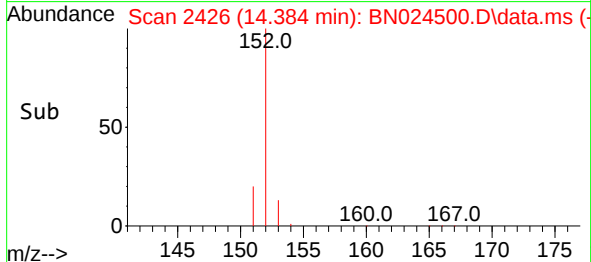
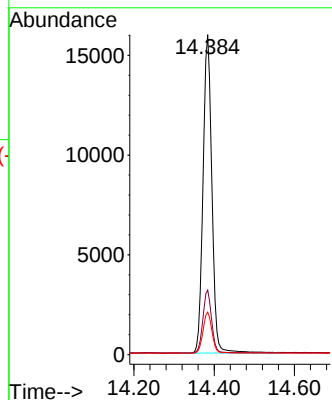
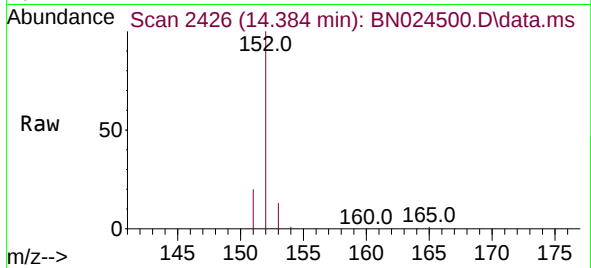




#10
Acenaphthylene
Concen: 0.425 ng/ul
RT: 14.384 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN024500.D
Acq: 23 Mar 2023 04:15

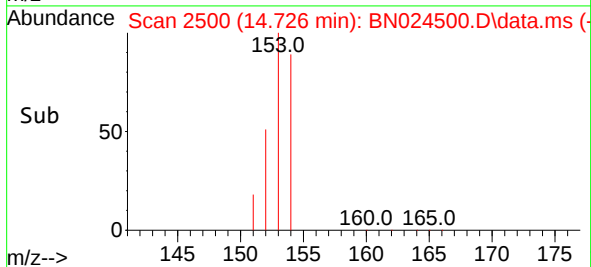
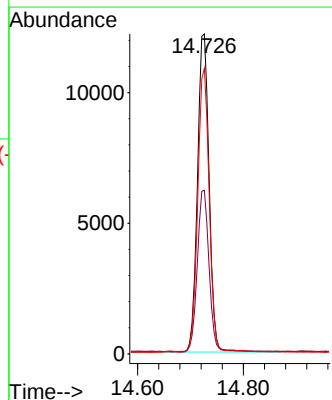
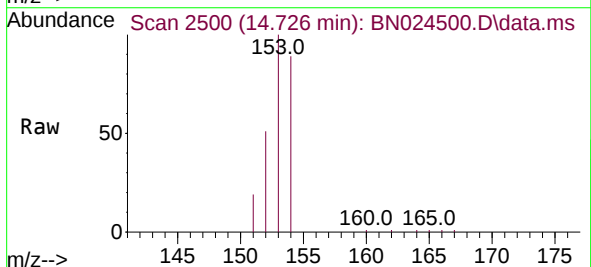
Instrument :
BNA_N
ClientSampleId :
SLCS557

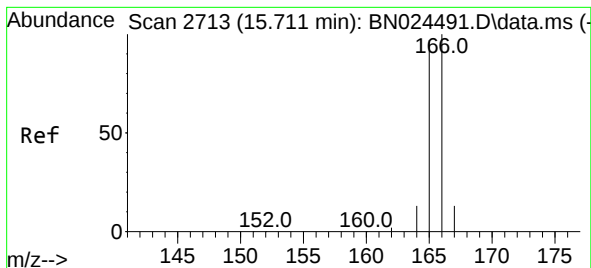
Tgt Ion:152 Resp: 24576
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.417 ng/ul
RT: 14.726 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN024500.D
Acq: 23 Mar 2023 04:15

Tgt Ion:153 Resp: 18599
Ion Ratio Lower Upper
153 100
152 51.1 42.6 64.0
154 89.3 70.6 105.8





#12

Fluorene

Concen: 0.414 ng/ul

RT: 15.707 min Scan# 2712

Delta R.T. -0.004 min

Lab File: BN024500.D

Acq: 23 Mar 2023 04:15

Instrument :

BNA_N

ClientSampleId :

SLCS557

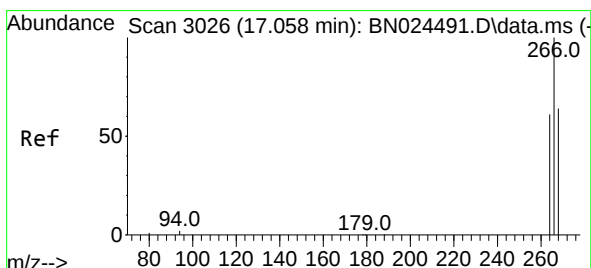
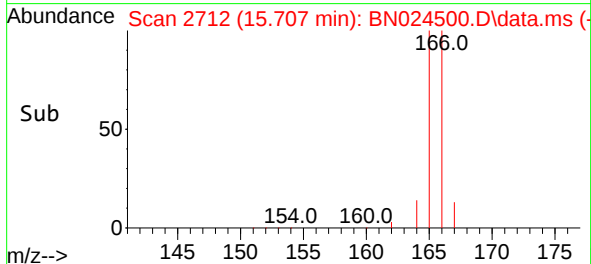
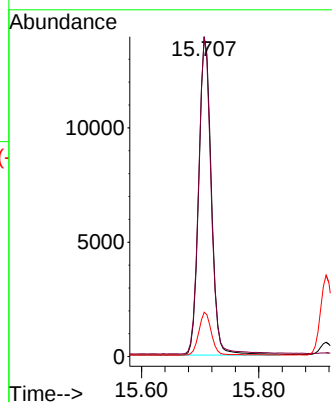
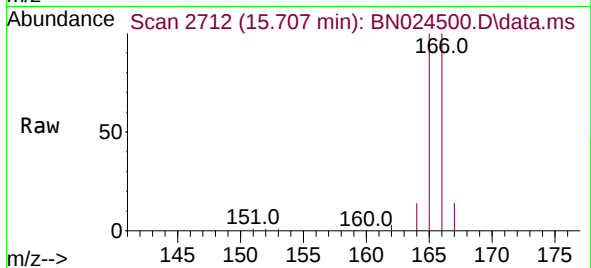
Tgt Ion:166 Resp: 20608

Ion Ratio Lower Upper

166 100

165 99.9 77.4 116.0

167 13.9 10.9 16.3



#14

Pentachlorophenol

Concen: 0.647 ng/ul

RT: 17.058 min Scan# 3026

Delta R.T. 0.000 min

Lab File: BN024500.D

Acq: 23 Mar 2023 04:15

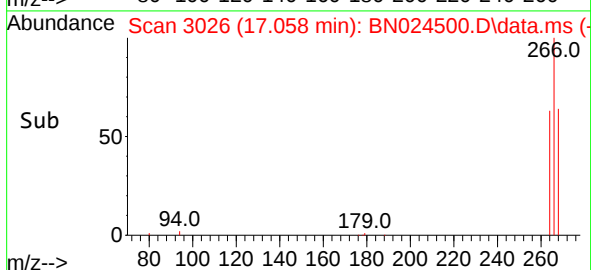
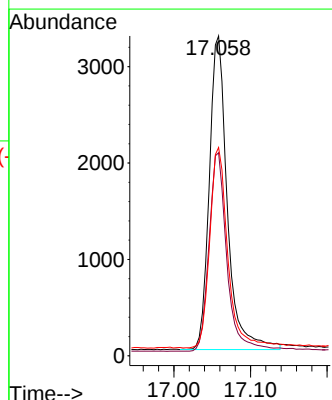
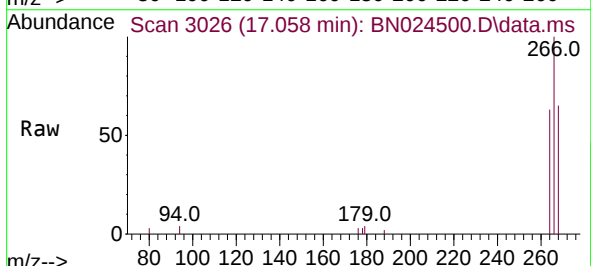
Tgt Ion:266 Resp: 5323

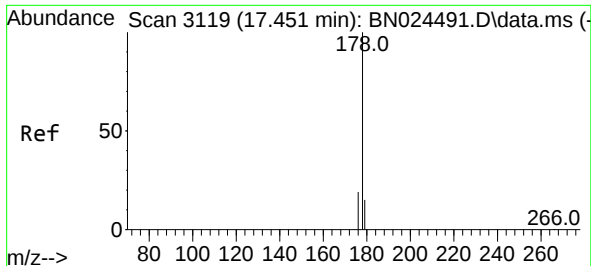
Ion Ratio Lower Upper

266 100

264 63.1 0.0 0.0#

268 64.8 0.1 0.1#

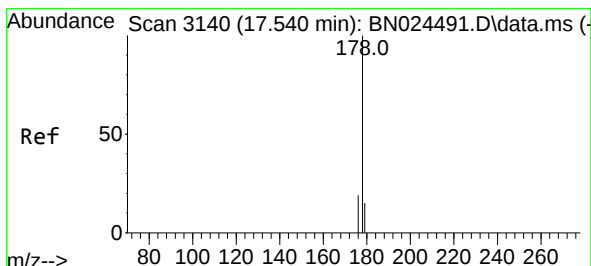
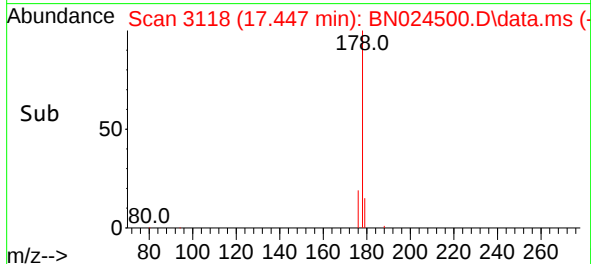
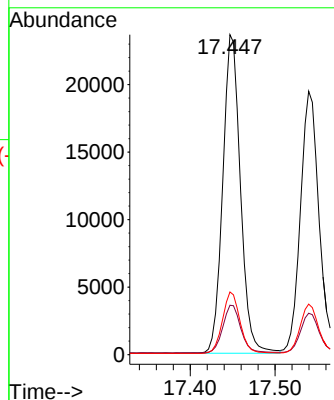
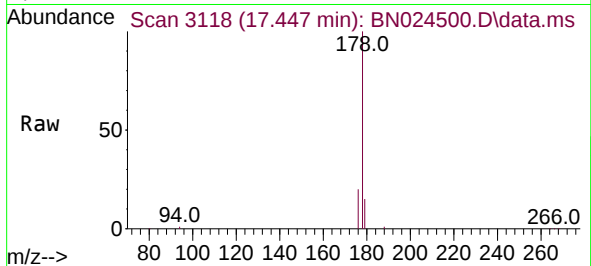




#15
Phenanthrene
Concen: 0.402 ng/ul
RT: 17.447 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN024500.D
Acq: 23 Mar 2023 04:15

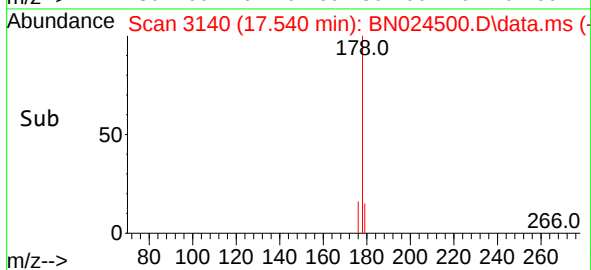
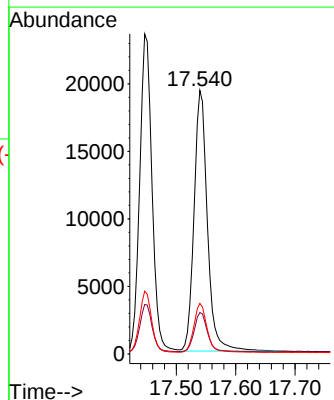
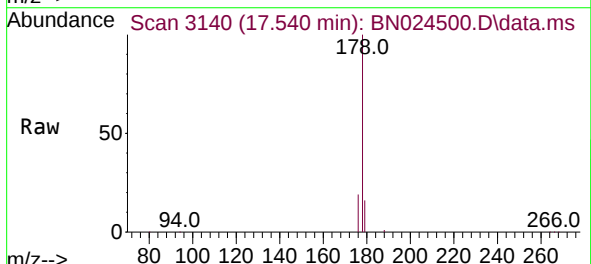
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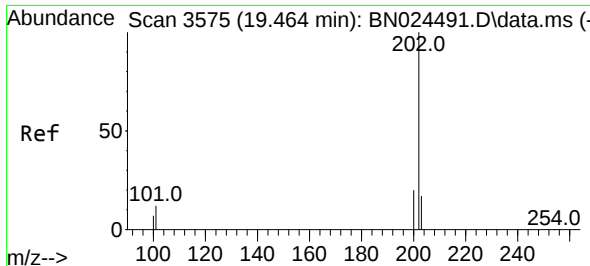
Tgt Ion:178 Resp: 34122
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.404 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN024500.D
Acq: 23 Mar 2023 04:15

Tgt Ion:178 Resp: 30119
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.1 15.3 22.9

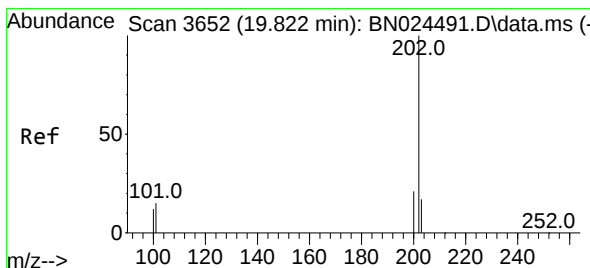
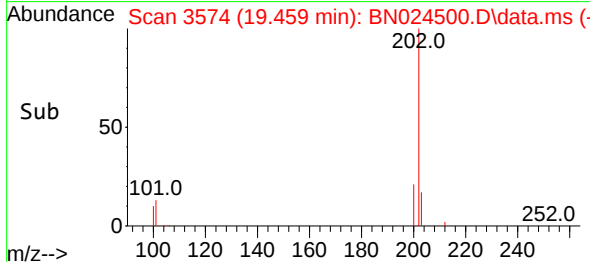
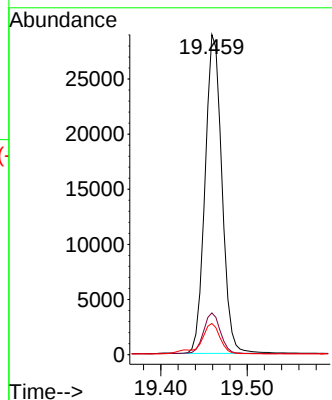
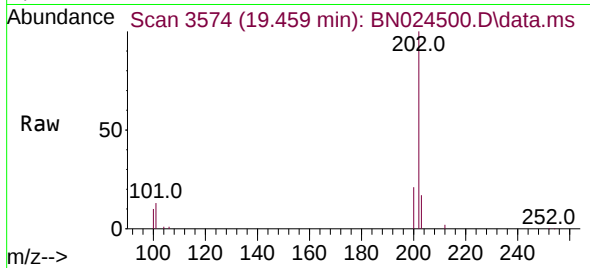




#19
Fluoranthene
Concen: 0.435 ng/ul
RT: 19.459 min Scan# 3574
Delta R.T. -0.005 min
Lab File: BN024500.D
Acq: 23 Mar 2023 04:15

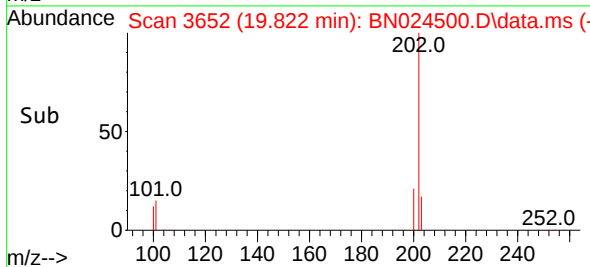
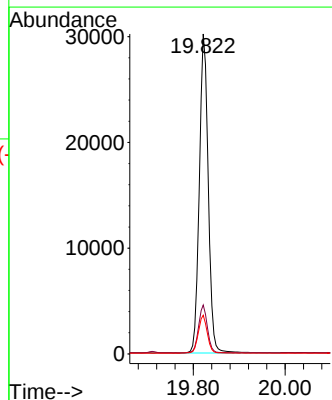
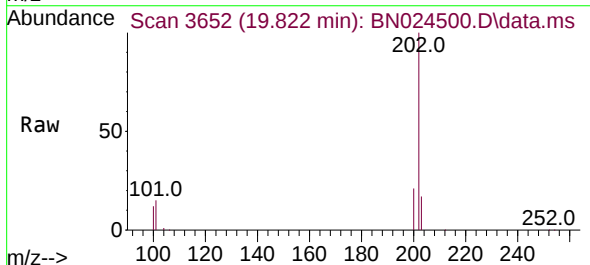
Instrument :
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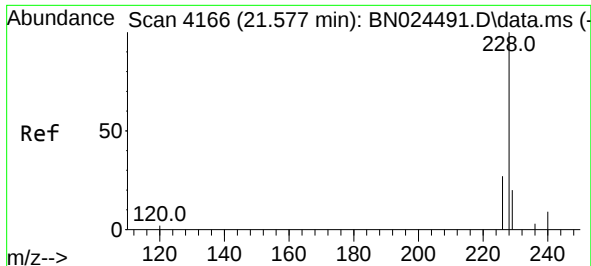
Tgt Ion:202 Resp: 39323
Ion Ratio Lower Upper
202 100
101 13.0 10.4 15.6
100 9.7 7.7 11.5



#20
Pyrene
Concen: 0.444 ng/ul
RT: 19.822 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BN024500.D
Acq: 23 Mar 2023 04:15

Tgt Ion:202 Resp: 40676
Ion Ratio Lower Upper
202 100
101 15.3 12.1 18.1
100 12.1 9.4 14.0

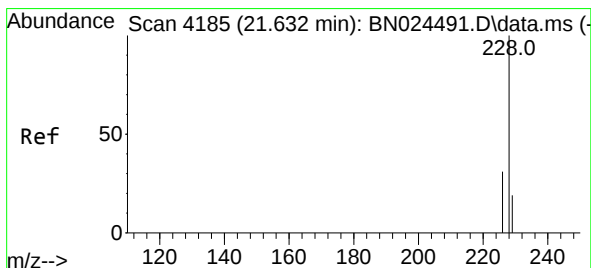
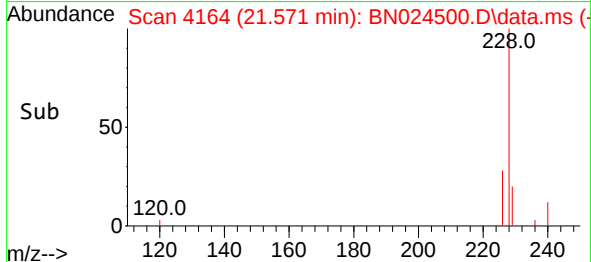
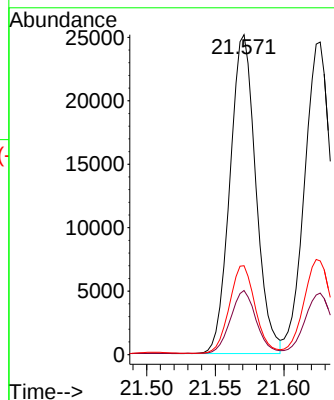
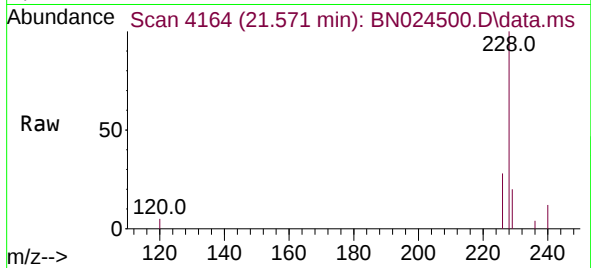




#21
Benzo(a)anthracene
Concen: 0.444 ng/ul
RT: 21.571 min Scan# 4166
Delta R.T. -0.006 min
Lab File: BN024500.D
Acq: 23 Mar 2023 04:15

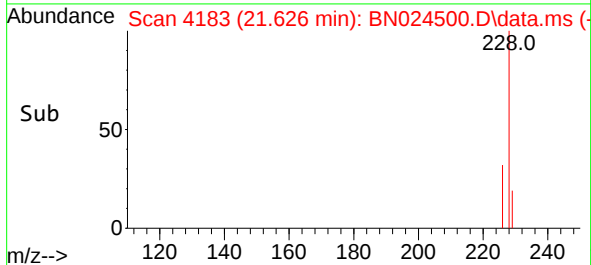
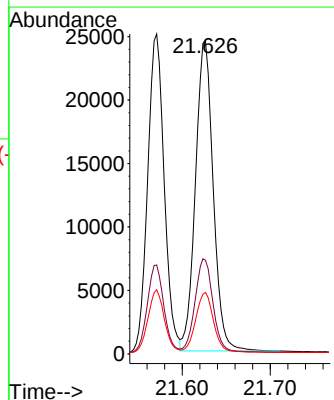
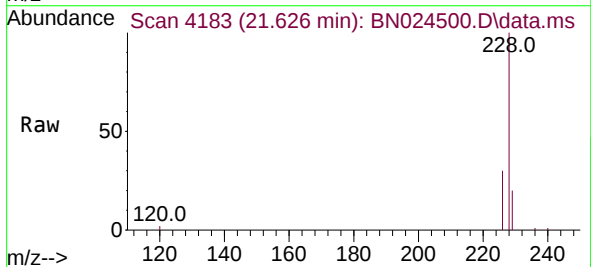
Instrument :
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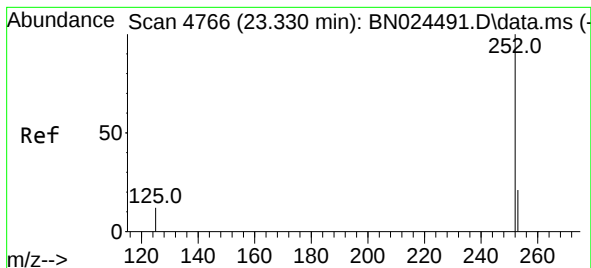
Tgt Ion:228 Resp: 32870
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 27.8 22.2 33.4



#22
Chrysene
Concen: 0.437 ng/ul
RT: 21.626 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BN024500.D
Acq: 23 Mar 2023 04:15

Tgt Ion:228 Resp: 34205
Ion Ratio Lower Upper
228 100
226 30.0 24.8 37.2
229 19.7 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.430 ng/ul

RT: 23.313 min Scan# 4766

Delta R.T. -0.017 min

Lab File: BN024500.D

Acq: 23 Mar 2023 04:15

Instrument :

BNA_N

ClientSampleId :

SLCS557

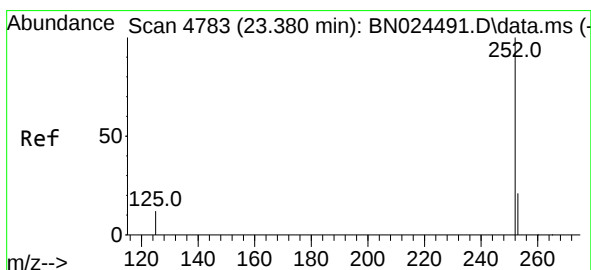
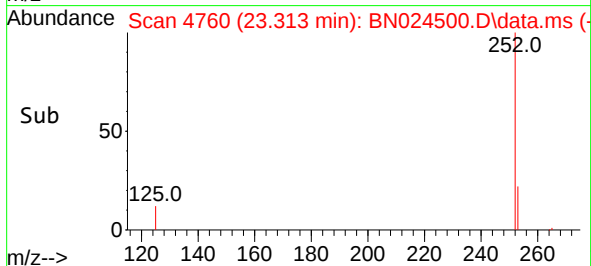
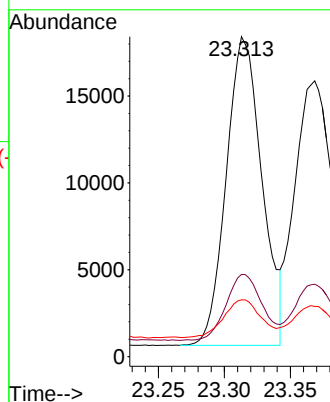
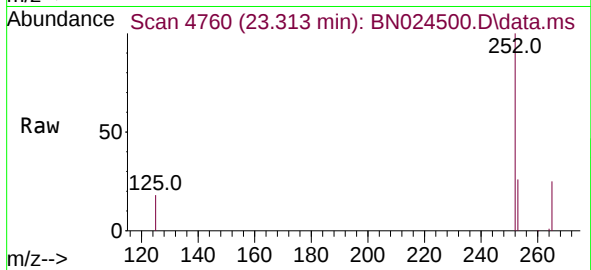
Tgt Ion:252 Resp: 33449

Ion Ratio Lower Upper

252 100

253 25.7 0.0 46.2

125 17.7 0.0 34.0



#25

Benzo(k)fluoranthene

Concen: 0.392 ng/ul

RT: 23.369 min Scan# 4779

Delta R.T. -0.012 min

Lab File: BN024500.D

Acq: 23 Mar 2023 04:15

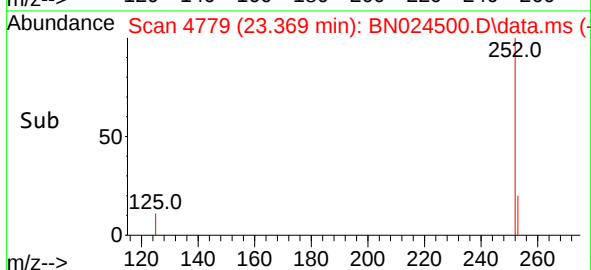
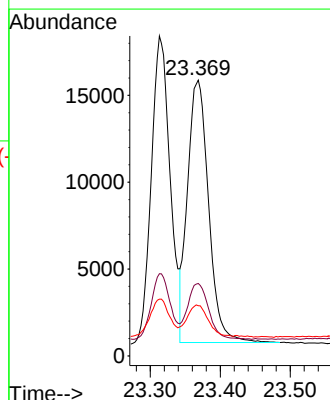
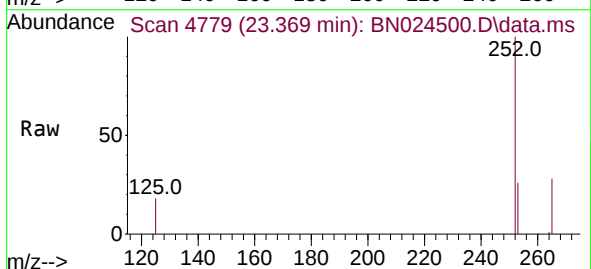
Tgt Ion:252 Resp: 31684

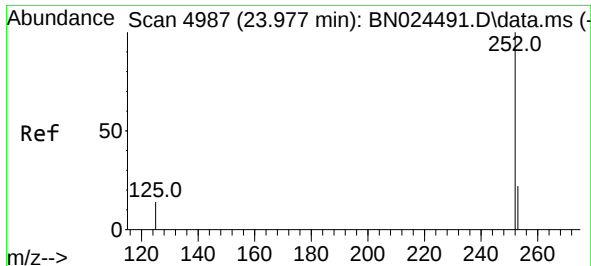
Ion Ratio Lower Upper

252 100

253 26.2 18.5 27.7

125 18.2 13.2 19.8

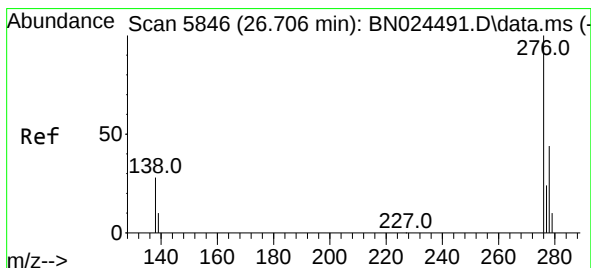
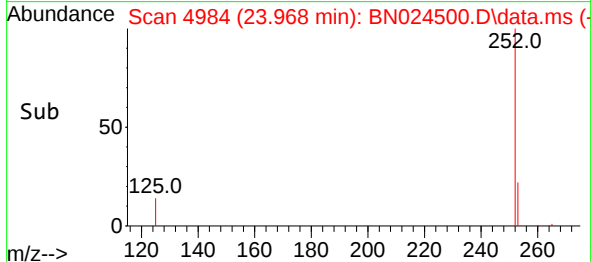
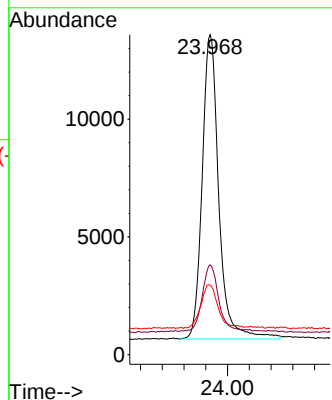
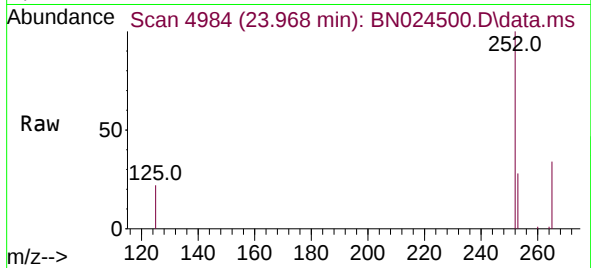




#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.968 min Scan# 4984
Delta R.T. -0.009 min
Lab File: BN024500.D
Acq: 23 Mar 2023 04:15

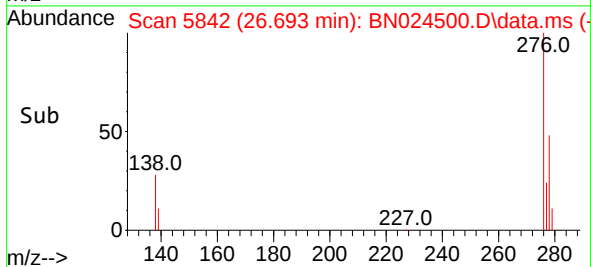
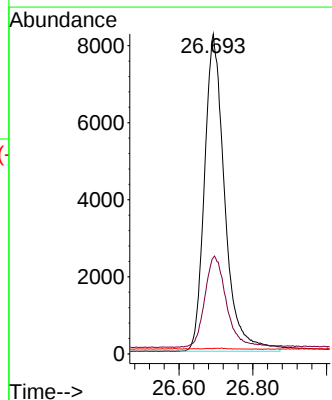
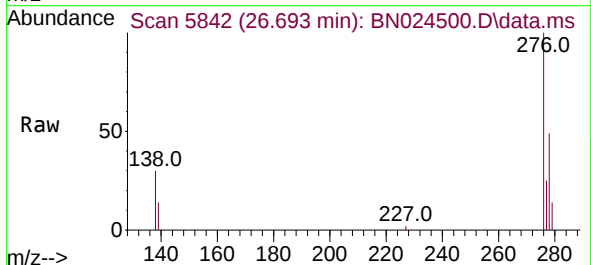
Instrument :
BNA_N
ClientSampleId :
SLCS557

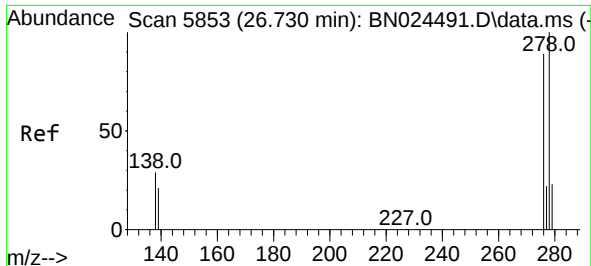
Tgt Ion:	252	Resp:	27388
Ion Ratio	Lower	Upper	
252	100		
253	28.1	19.2	28.8
125	21.7	15.8	23.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng/ul
RT: 26.693 min Scan# 5842
Delta R.T. -0.013 min
Lab File: BN024500.D
Acq: 23 Mar 2023 04:15

Tgt Ion:	276	Resp:	31296
Ion Ratio	Lower	Upper	
276	100		
138	31.2	0.0	0.0#
227	0.1	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.415 ng/ul

RT: 26.716 min Scan# 5849

Delta R.T. -0.013 min

Lab File: BN024500.D

Acq: 23 Mar 2023 04:15

Instrument :

BNA_N

ClientSampleId :

SLCS557

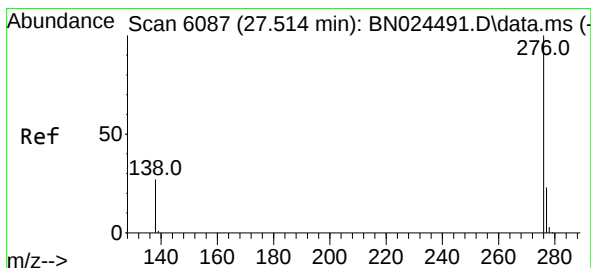
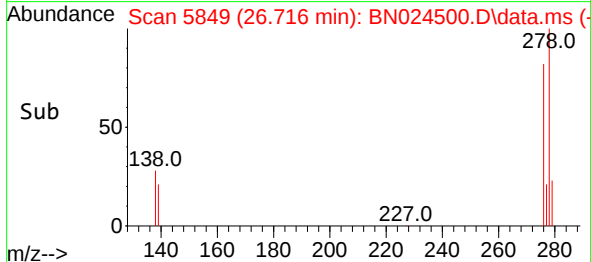
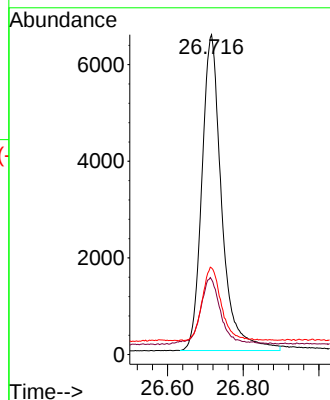
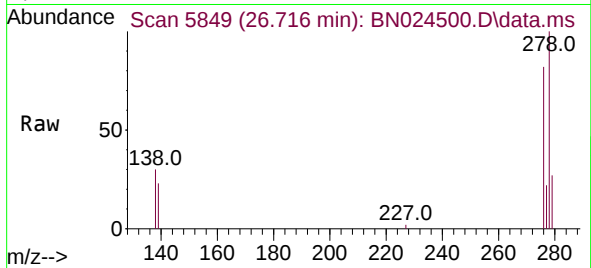
Tgt Ion:278 Resp: 23769

Ion Ratio Lower Upper

278 100

139 23.5 21.0 31.6

279 27.1 20.4 30.6



#29

Benzo(g,h,i)perylene

Concen: 0.419 ng/ul

RT: 27.501 min Scan# 6083

Delta R.T. -0.013 min

Lab File: BN024500.D

Acq: 23 Mar 2023 04:15

Tgt Ion:276 Resp: 27426

Ion Ratio Lower Upper

276 100

138 29.3 25.2 37.8

277 24.9 19.4 29.2

