

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030195.D
 Acq On : 03 Mar 2024 00:08
 Operator : MA/JU
 Sample : PB159330BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS330

Quant Time: Mar 03 22:49:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 02 16:09:30 2024
 Response via : Initial Calibration

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

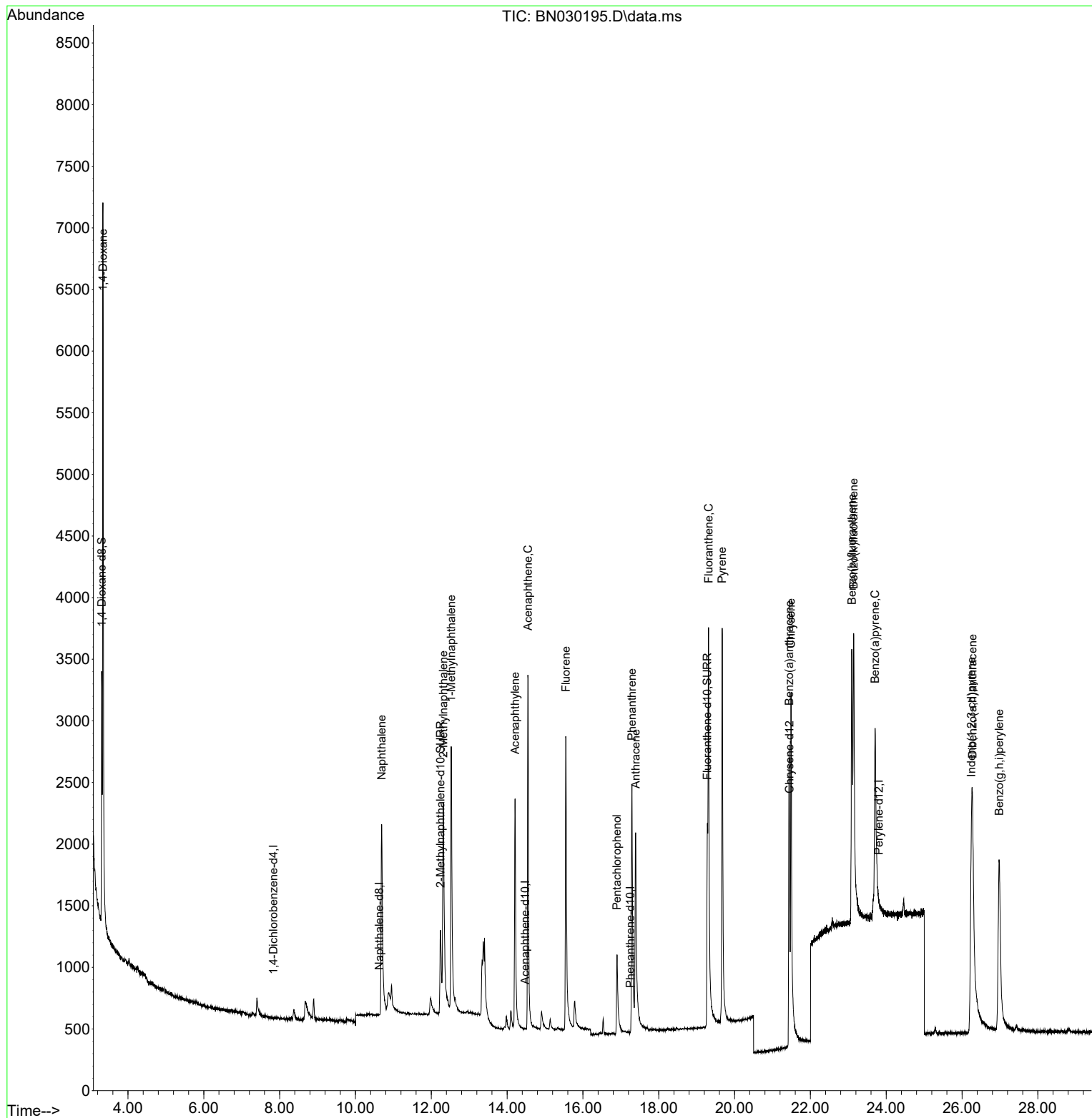
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	1	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.628	136	7	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.474	164	1	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.247	188	4	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.450	240	6	0.400	ng/ul	# 0.00
23) Perylene-d12	23.806	264	2	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1372	991.053	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	1553	171.608	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	2821	144.317	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	4317	2873.877	ng/ul#	86
5) Naphthalene	10.689	128	3694	178.846	ng/ul	99
7) 2-Methylnaphthalene	12.317	142	1877	167.676	ng/ul	98
8) 1-Methylnaphthalene	12.525	142	2020	170.222	ng/ul	100
10) Acenaphthylene	14.210	152	3219	575.718	ng/ul	97
11) Acenaphthene	14.548	153	2337	569.492	ng/ul	99
12) Fluorene	15.547	166	2354	563.287	ng/ul	97
14) Pentachlorophenol	16.897	266	759	665.054	ng/ul	97
15) Phenanthrene	17.289	178	3323	247.841	ng/ul	97
16) Anthracene	17.391	178	3021	256.018	ng/ul	99
19) Fluoranthene	19.314	202	3753	140.817	ng/ul	99
20) Pyrene	19.672	202	4176	144.119	ng/ul	99
21) Benzo(a)anthracene	21.438	228	3054	144.008	ng/ul	99
22) Chrysene	21.488	228	3584	140.681	ng/ul	96
24) Benzo(b)fluoranthene	23.092	252	3634	471.145	ng/ul	98
25) Benzo(k)fluoranthene	23.139	252	4252	467.471	ng/ul	98
26) Benzo(a)pyrene	23.706	252	3712	472.803	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.245	276	4748	473.604	ng/ul	94
28) Dibenzo(a,h)anthracene	26.279	278	3674	473.364	ng/ul	99
29) Benzo(g,h,i)perylene	26.983	276	4269	458.949	ng/ul	96

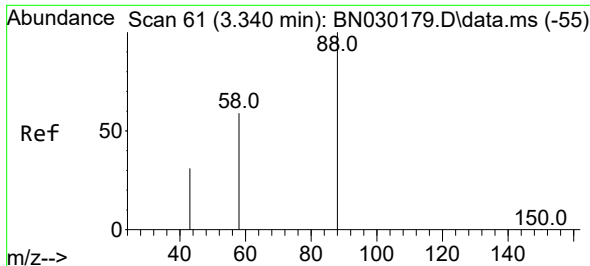
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030195.D
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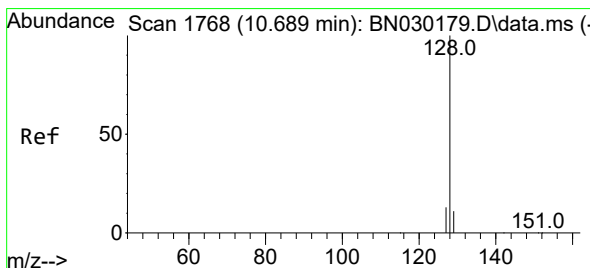
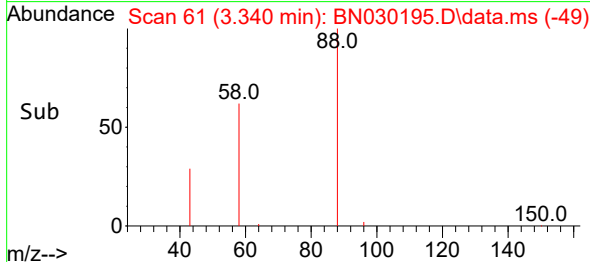
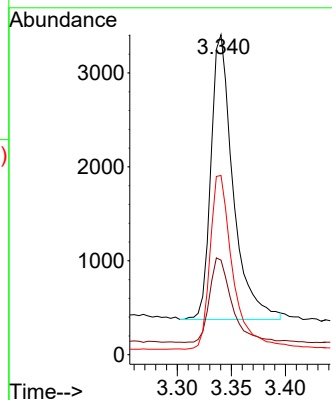
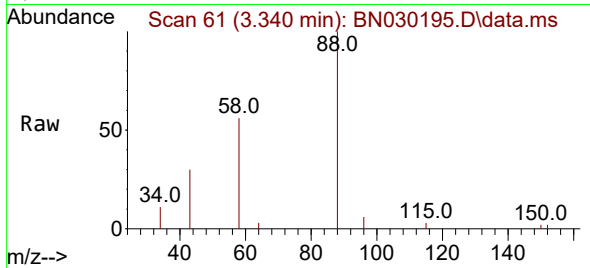




#2
1,4-Dioxane
Concen: 2873.877 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN030195.D
Acq: 03 Mar 2024 00:08

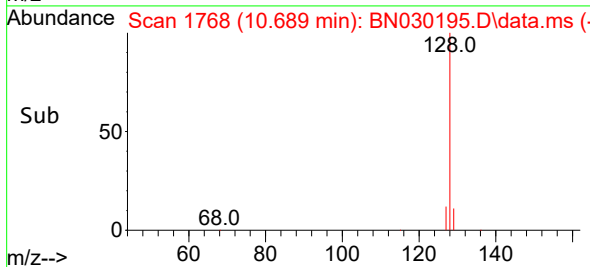
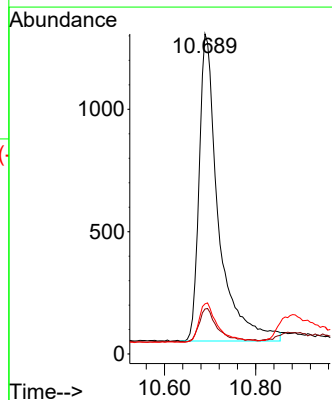
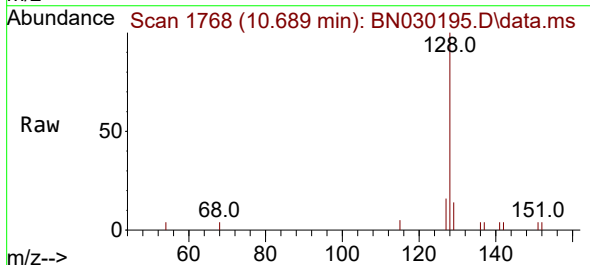
Instrument :
BNA_N
ClientSampleId :
SLCS330

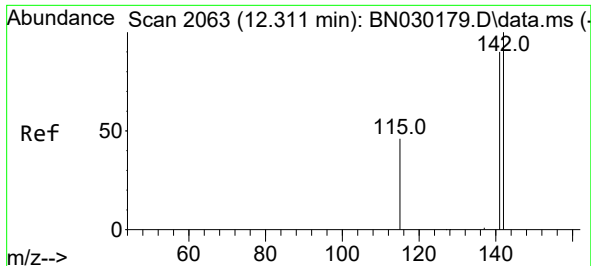
Tgt Ion: 88 Resp: 4317
Ion Ratio Lower Upper
88 100
43 29.5 25.7 38.5
58 56.0 33.8 50.8#



#5
Naphthalene
Concen: 178.846 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN030195.D
Acq: 03 Mar 2024 00:08

Tgt Ion: 128 Resp: 3694
Ion Ratio Lower Upper
128 100
129 14.1 11.0 16.4
127 15.7 12.3 18.5

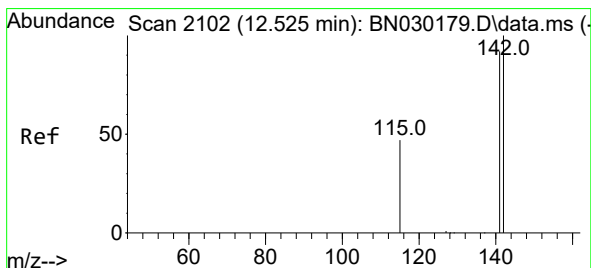
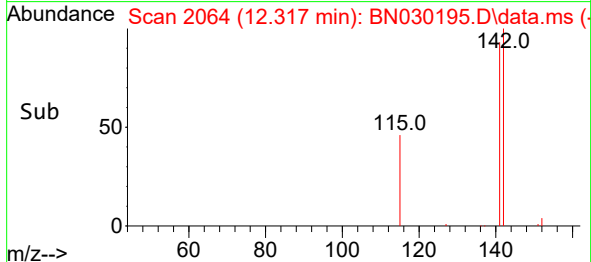
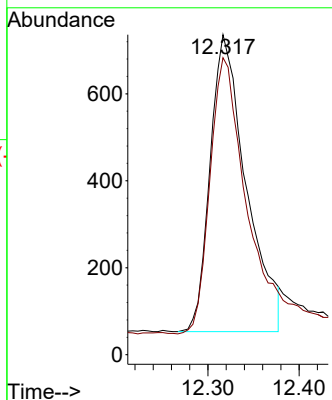
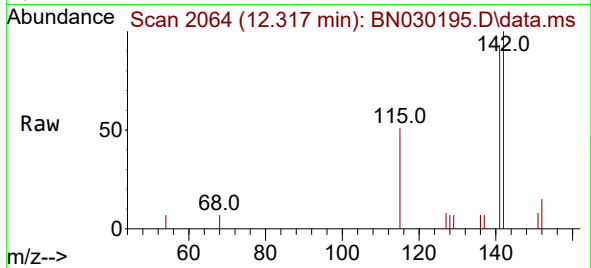




#7
2-Methylnaphthalene
Concen: 167.676 ng/ul
RT: 12.317 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BN030195.D
Acq: 03 Mar 2024 00:08

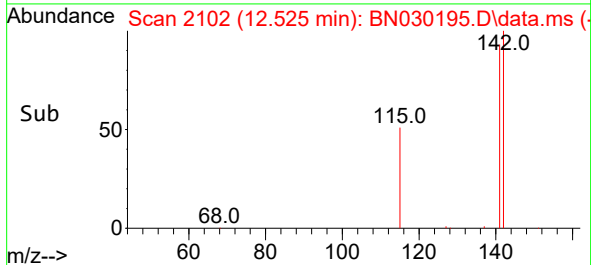
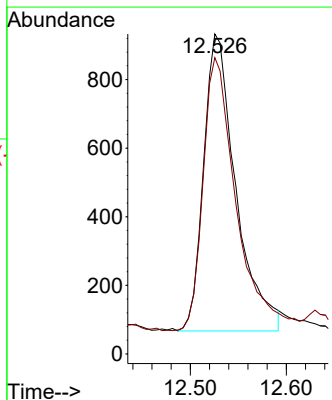
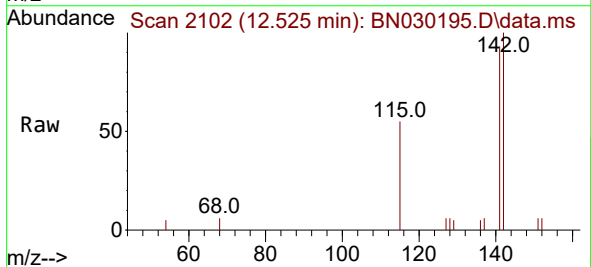
Instrument :
BNA_N
ClientSampleId :
SLCS330

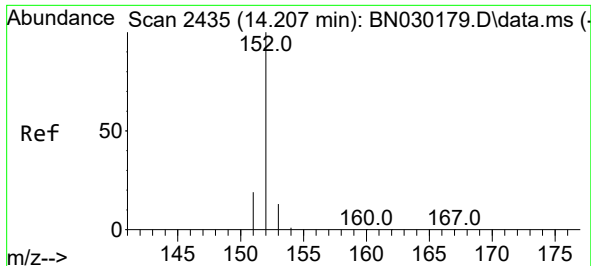
Tgt Ion:142 Resp: 1877
Ion Ratio Lower Upper
142 100
141 92.8 72.8 109.2



#8
1-Methylnaphthalene
Concen: 170.222 ng/ul
RT: 12.525 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN030195.D
Acq: 03 Mar 2024 00:08

Tgt Ion:142 Resp: 2020
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.2

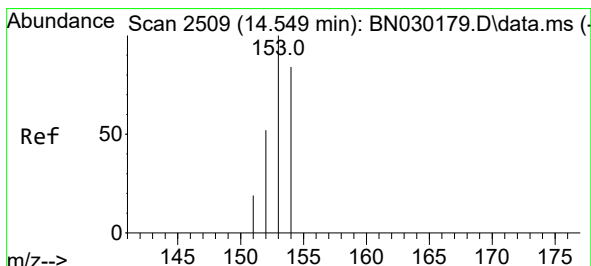
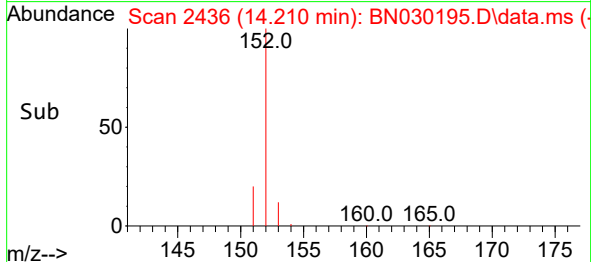
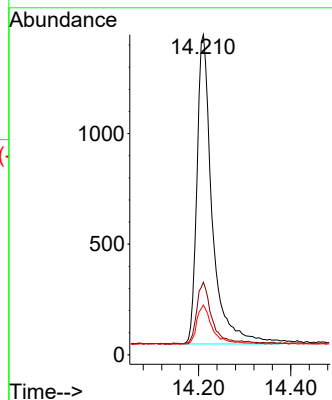
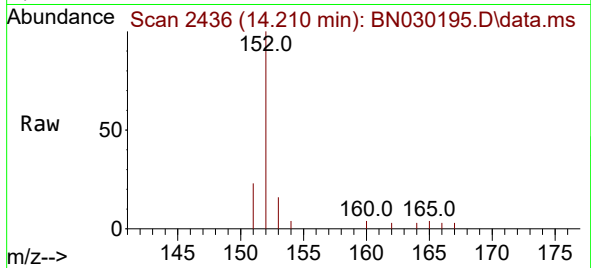




#10
Acenaphthylene
Concen: 575.718 ng/ul
RT: 14.210 min Scan# 2436
Delta R.T. 0.004 min
Lab File: BN030195.D
Acq: 03 Mar 2024 00:08

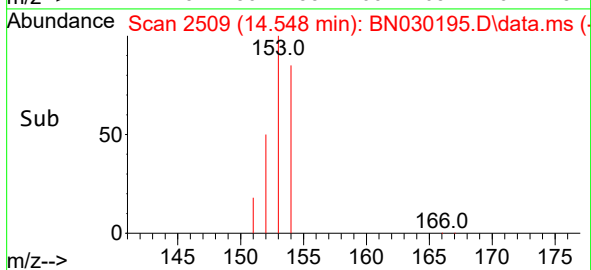
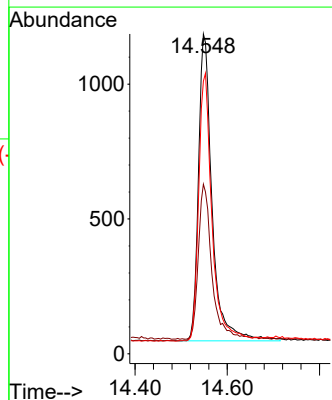
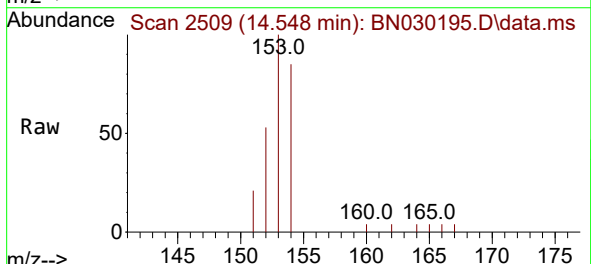
Instrument :
BNA_N
ClientSampleId :
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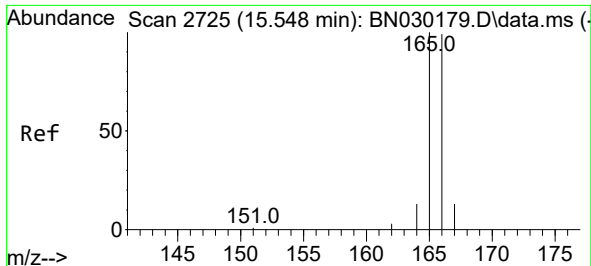
Tgt Ion:152 Resp: 3219
Ion Ratio Lower Upper
152 100
151 22.7 16.9 25.3
153 15.5 11.8 17.6



#11
Acenaphthene
Concen: 569.492 ng/ul
RT: 14.548 min Scan# 2509
Delta R.T. -0.001 min
Lab File: BN030195.D
Acq: 03 Mar 2024 00:08

Tgt Ion:153 Resp: 2337
Ion Ratio Lower Upper
153 100
152 53.0 43.2 64.8
154 85.2 67.5 101.3

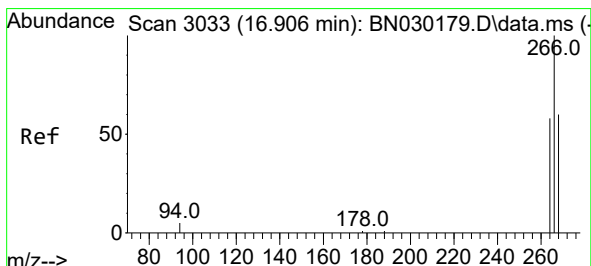
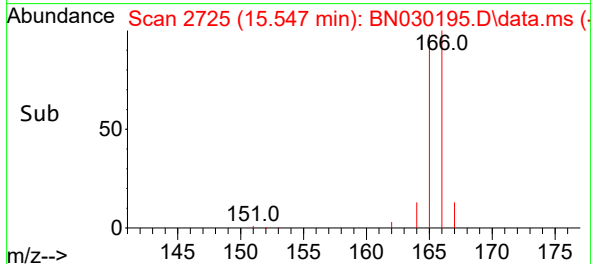
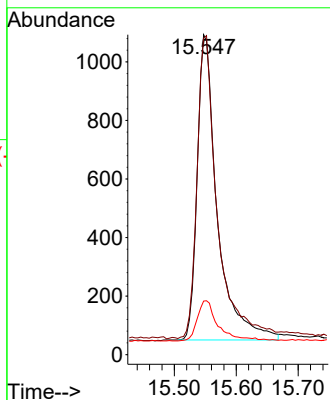
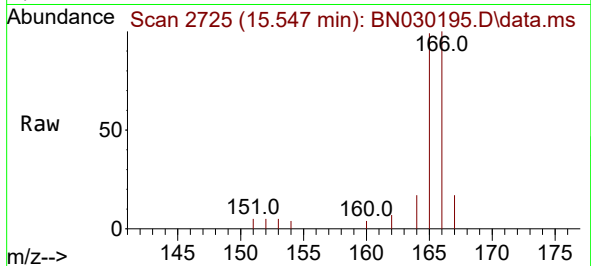




#12
 Fluorene
 Concen: 563.287 ng/ul
 RT: 15.547 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BN030195.D
 Acq: 03 Mar 2024 00:08

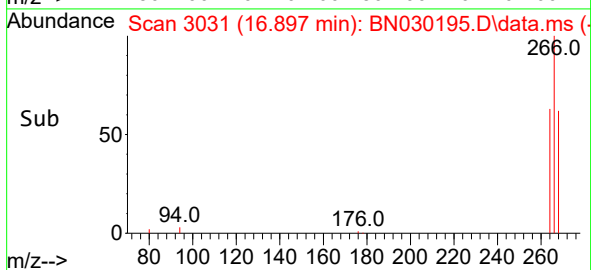
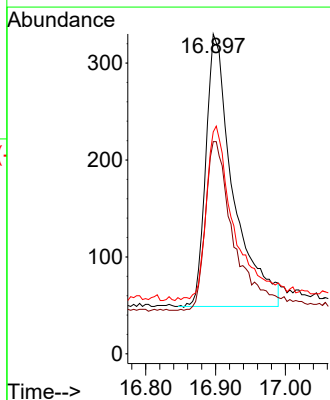
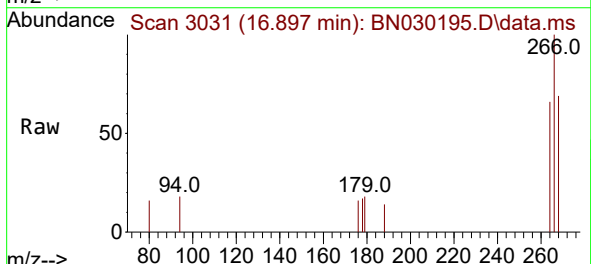
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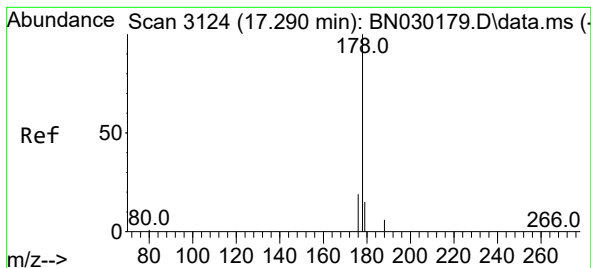
Tgt Ion:166 Resp: 2354
 Ion Ratio Lower Upper
 166 100
 165 98.9 81.8 122.6
 167 16.7 13.0 19.4



#14
 Pentachlorophenol
 Concen: 665.054 ng/ul
 RT: 16.897 min Scan# 3031
 Delta R.T. -0.009 min
 Lab File: BN030195.D
 Acq: 03 Mar 2024 00:08

Tgt Ion:266 Resp: 759
 Ion Ratio Lower Upper
 266 100
 264 64.3 49.8 74.8
 268 64.8 53.4 80.2





#15

Phenanthrene

Concen: 247.841 ng/ul

RT: 17.289 min Scan# 3124

Delta R.T. -0.001 min

Lab File: BN030195.D

Acq: 03 Mar 2024 00:08

Instrument :

BNA_N

ClientSampleId :

SLCS330

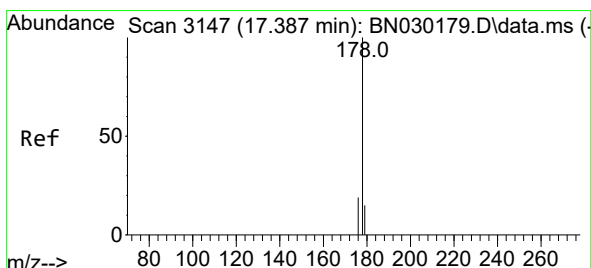
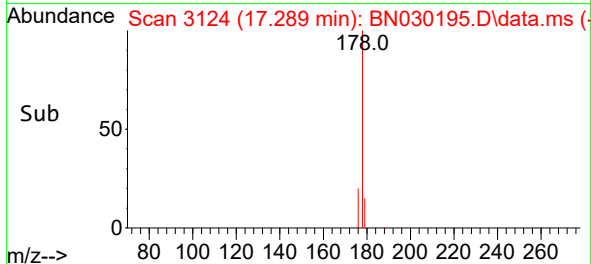
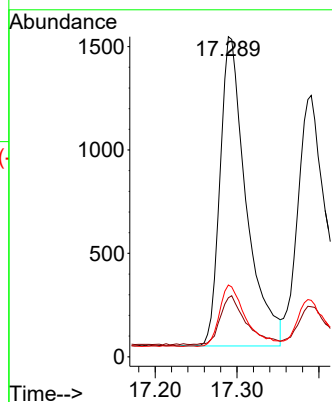
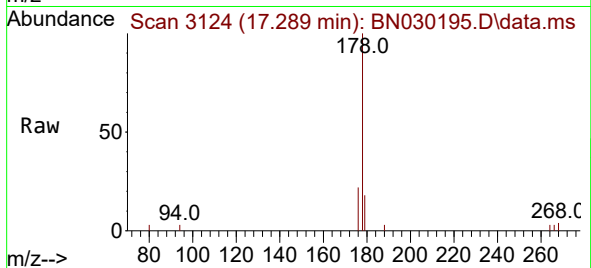
Tgt Ion:178 Resp: 3323

Ion Ratio Lower Upper

178 100

179 18.4 13.8 20.8

176 22.4 16.6 25.0



#16

Anthracene

Concen: 256.018 ng/ul

RT: 17.391 min Scan# 3148

Delta R.T. 0.003 min

Lab File: BN030195.D

Acq: 03 Mar 2024 00:08

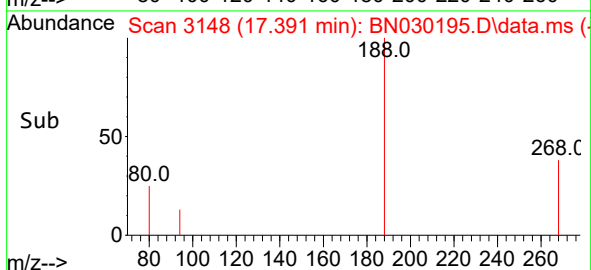
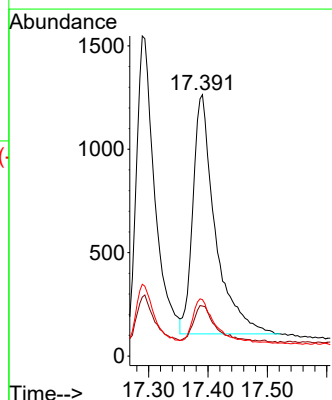
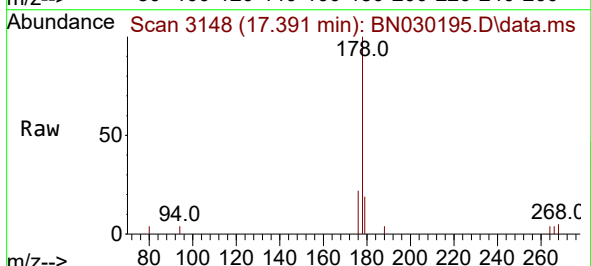
Tgt Ion:178 Resp: 3021

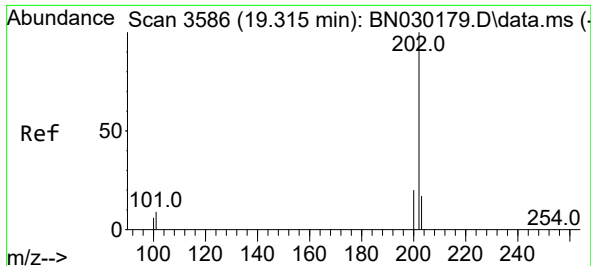
Ion Ratio Lower Upper

178 100

179 19.1 14.8 22.2

176 21.6 17.8 26.6

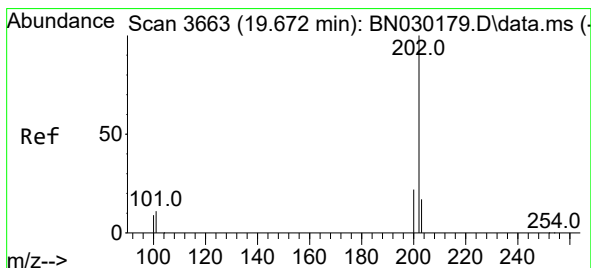
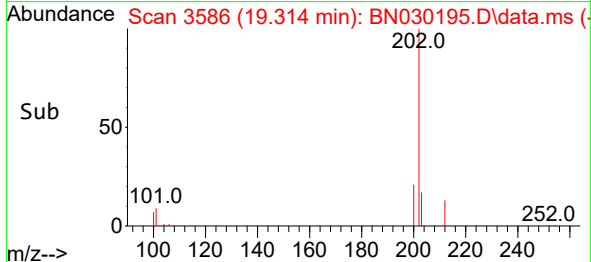
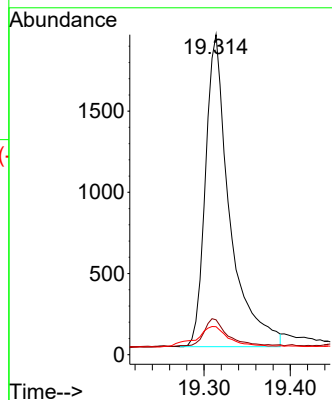
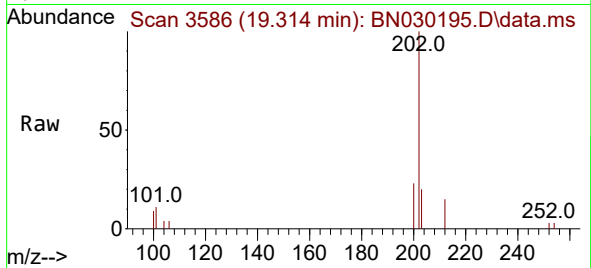




#19
Fluoranthene
Concen: 140.817 ng/ul
RT: 19.314 min Scan# 3586
Delta R.T. -0.001 min
Lab File: BN030195.D
Acq: 03 Mar 2024 00:08

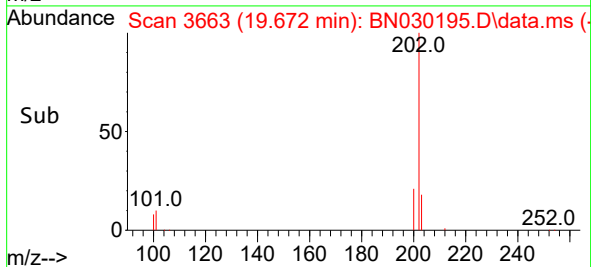
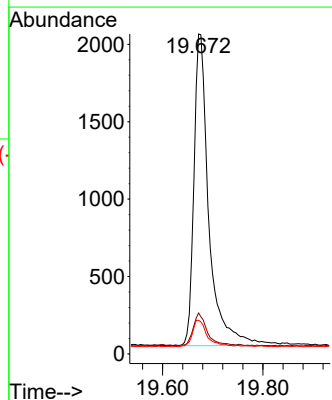
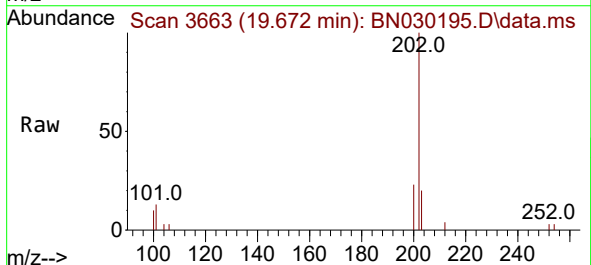
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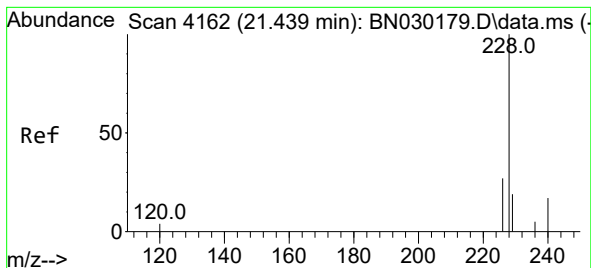
Tgt Ion:202 Resp: 3753
Ion Ratio Lower Upper
202 100
101 10.9 8.8 13.2
100 8.8 7.4 11.2



#20
Pyrene
Concen: 144.119 ng/ul
RT: 19.672 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BN030195.D
Acq: 03 Mar 2024 00:08

Tgt Ion:202 Resp: 4176
Ion Ratio Lower Upper
202 100
101 12.8 10.6 15.8
100 10.5 8.8 13.2





#21

Benzo(a)anthracene

Concen: 144.008 ng/ul

RT: 21.438 min Scan# 4162

Delta R.T. -0.001 min

Lab File: BN030195.D

Acq: 03 Mar 2024 00:08

Instrument :

BNA_N

ClientSampleId :

SLCS330

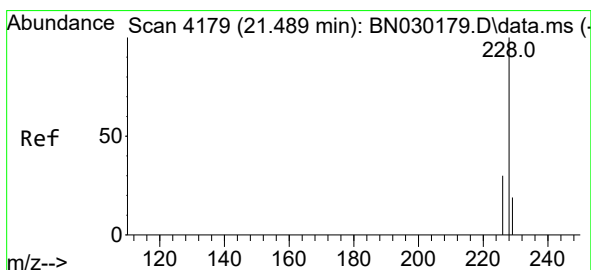
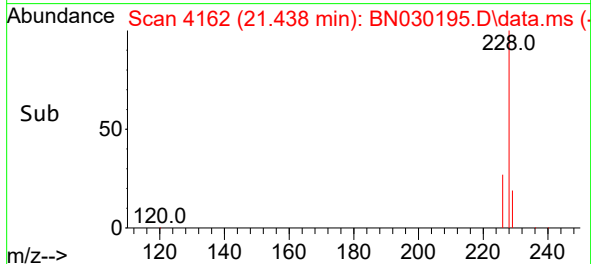
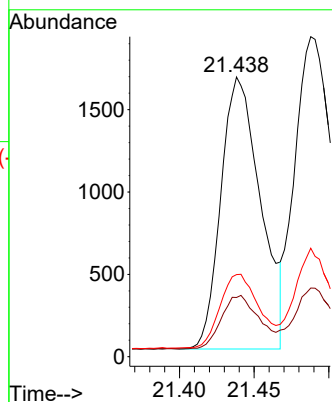
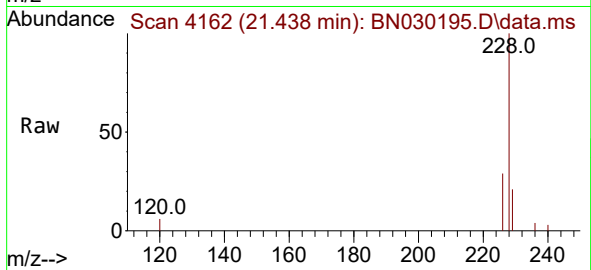
Tgt Ion:228 Resp: 3054

Ion Ratio Lower Upper

228 100

229 21.2 16.6 24.8

226 29.4 23.7 35.5



#22

Chrysene

Concen: 140.681 ng/ul

RT: 21.488 min Scan# 4179

Delta R.T. -0.001 min

Lab File: BN030195.D

Acq: 03 Mar 2024 00:08

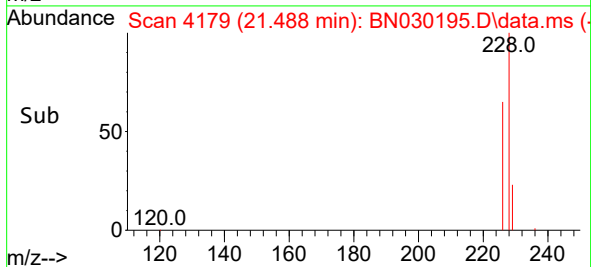
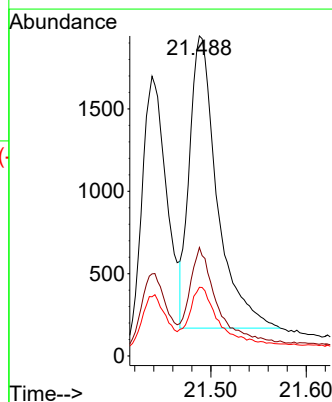
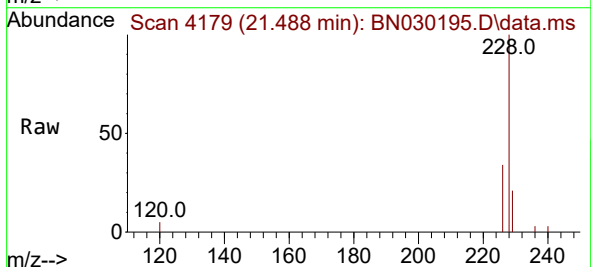
Tgt Ion:228 Resp: 3584

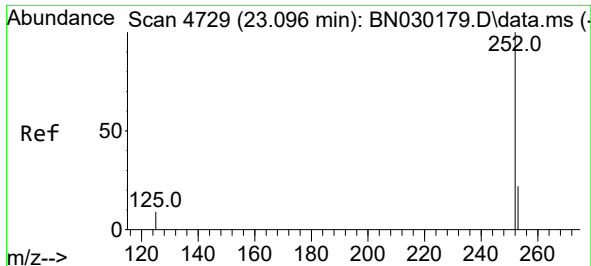
Ion Ratio Lower Upper

228 100

226 33.9 24.6 37.0

229 21.5 16.6 24.8

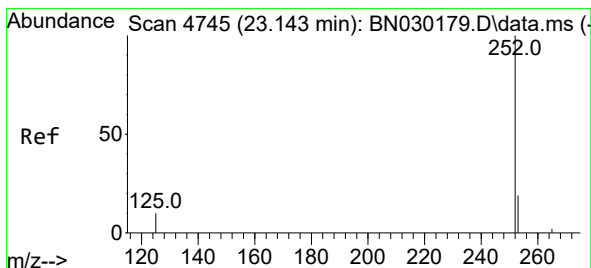
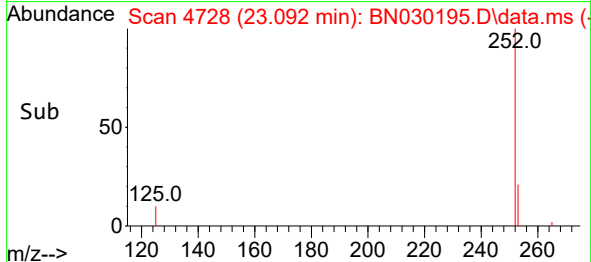
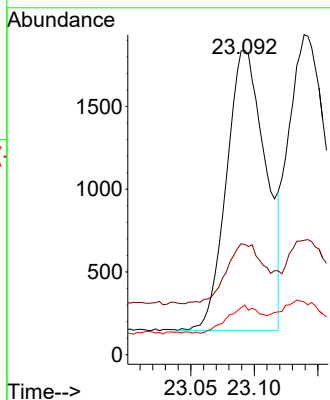
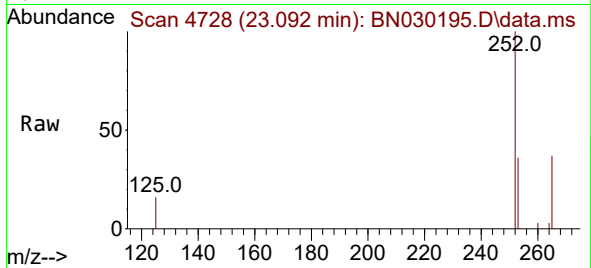




#24
Benzo(b)fluoranthene
Concen: 471.145 ng/ul
RT: 23.092 min Scan# 4728
Delta R.T. -0.004 min
Lab File: BN030195.D
Acq: 03 Mar 2024 00:08

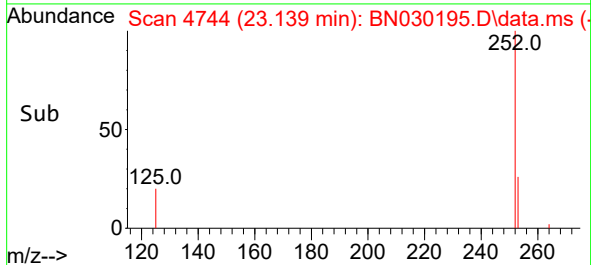
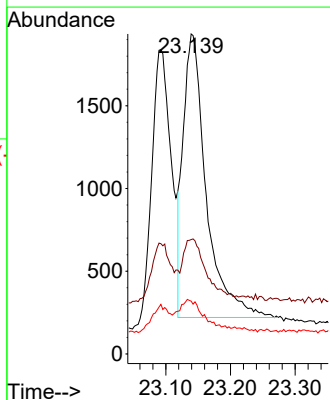
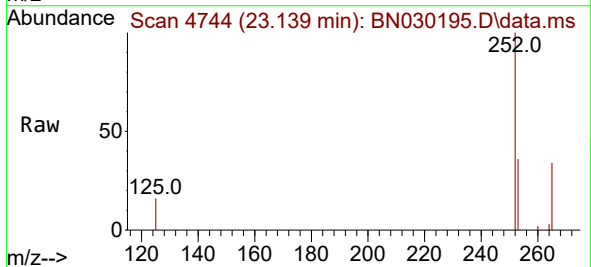
Instrument :
BNA_N
ClientSampleId :
SLCS330

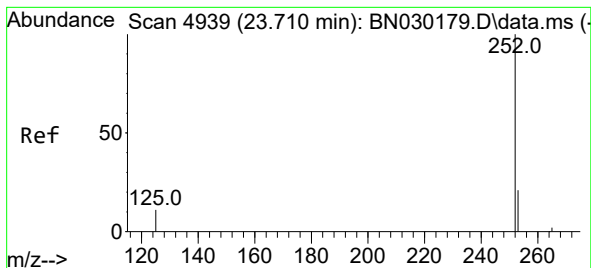
Tgt Ion:252 Resp: 3634
Ion Ratio Lower Upper
252 100
253 36.2 0.0 69.4
125 16.3 0.0 32.8



#25
Benzo(k)fluoranthene
Concen: 467.471 ng/ul
RT: 23.139 min Scan# 4744
Delta R.T. -0.004 min
Lab File: BN030195.D
Acq: 03 Mar 2024 00:08

Tgt Ion:252 Resp: 4252
Ion Ratio Lower Upper
252 100
253 35.7 28.0 42.0
125 16.5 14.4 21.6





#26

Benzo(a)pyrene

Concen: 472.803 ng/ul

RT: 23.706 min Scan# 4938

Delta R.T. -0.004 min

Lab File: BN030195.D

Acq: 03 Mar 2024 00:08

Instrument :

BNA_N

ClientSampleId :

SLCS330

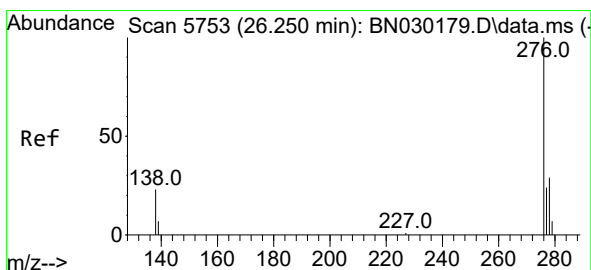
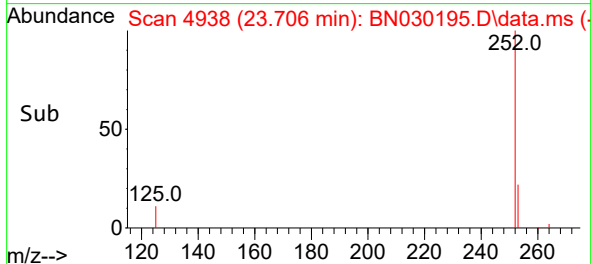
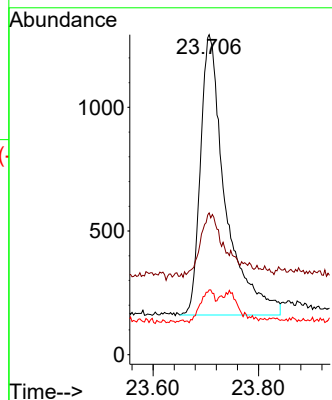
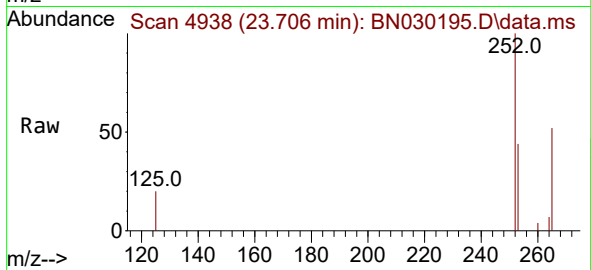
Tgt Ion:252 Resp: 3712

Ion Ratio Lower Upper

252 100

253 44.3 33.0 49.4

125 20.2 16.9 25.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 473.604 ng/ul

RT: 26.245 min Scan# 5752

Delta R.T. -0.004 min

Lab File: BN030195.D

Acq: 03 Mar 2024 00:08

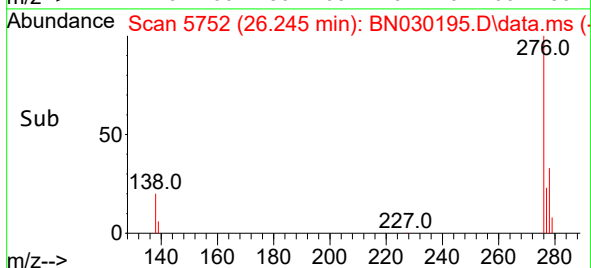
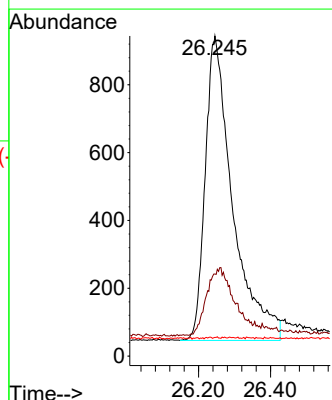
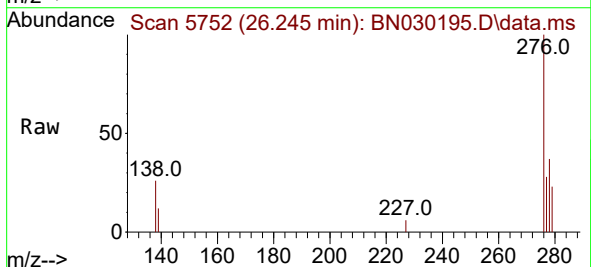
Tgt Ion:276 Resp: 4748

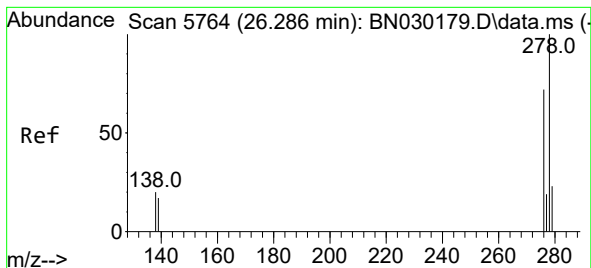
Ion Ratio Lower Upper

276 100

138 22.9 20.9 31.3

227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 473.364 ng/ul

RT: 26.279 min Scan# 51

Delta R.T. -0.007 min

Lab File: BN030195.D

Acq: 03 Mar 2024 00:08

Instrument :

BNA_N

ClientSampleId :

SLCS330

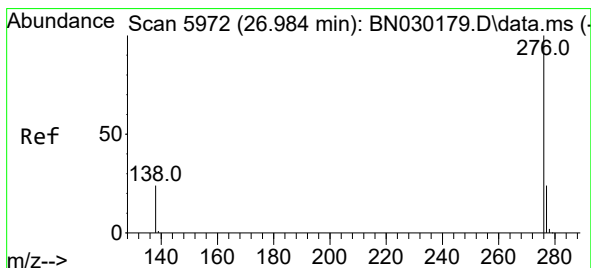
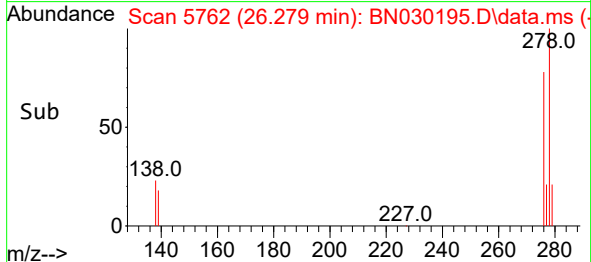
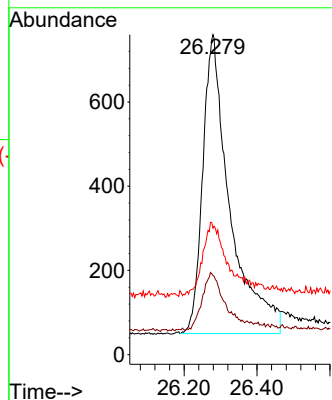
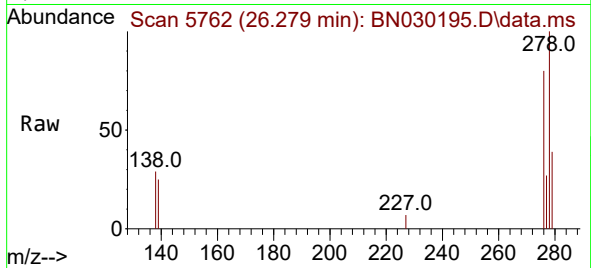
Tgt Ion:278 Resp: 3674

Ion Ratio Lower Upper

278 100

139 24.7 18.9 28.3

279 39.5 31.8 47.6



#29

Benzo(g,h,i)perylene

Concen: 458.949 ng/ul

RT: 26.983 min Scan# 5972

Delta R.T. -0.001 min

Lab File: BN030195.D

Acq: 03 Mar 2024 00:08

Tgt Ion:276 Resp: 4269

Ion Ratio Lower Upper

276 100

138 25.5 22.6 33.8

277 28.8 21.9 32.9

