

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027410.D
 Acq On : 06 Sep 2023 16:59
 Operator : MA/JU
 Sample : PB155063BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS063

Quant Time: Sep 06 17:38:35 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

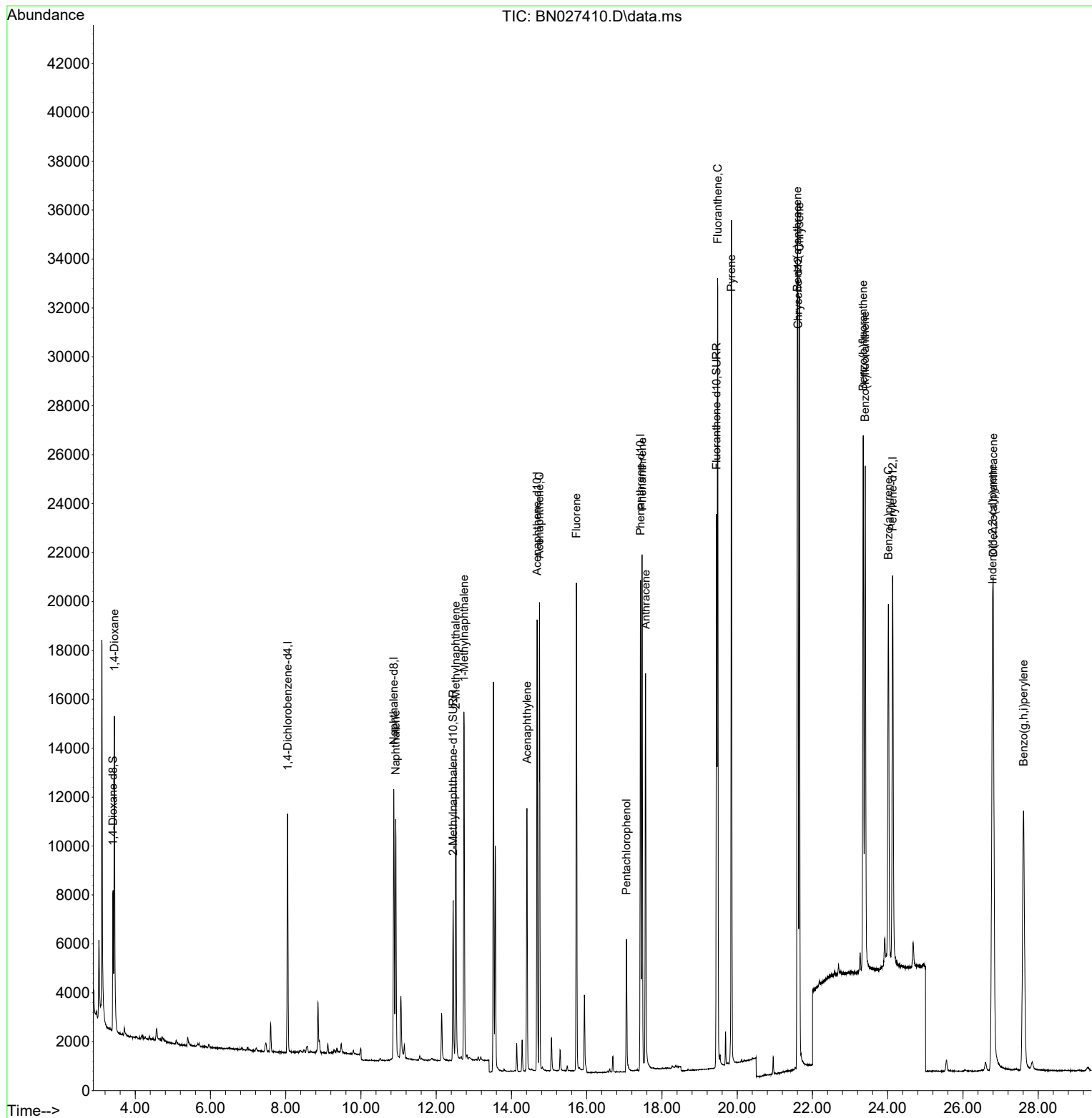
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5031	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	15724	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	9776	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	23985	0.400	ng/ul	0.00
17) Chrysene-d12	21.615	240	23555	0.400	ng/ul	0.00
23) Perylene-d12	24.132	264	23977	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	4020	0.601	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	8828	0.370	ng/ul	0.00
18) Fluoranthene-d10	19.450	212	24433	0.303	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	9514	1.405	ng/ul#	87
5) Naphthalene	10.922	128	13653	0.299	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	9010	0.316	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	9898	0.326	ng/ul	100
10) Acenaphthylene	14.412	152	12806	0.286	ng/ul	100
11) Acenaphthene	14.745	153	10931	0.284	ng/ul	98
12) Fluorene	15.725	166	12806	0.297	ng/ul	100
14) Pentachlorophenol	17.054	266	3842	0.822	ng/ul	99
15) Phenanthrene	17.472	178	22472	0.288	ng/ul	99
16) Anthracene	17.565	178	18756	0.302	ng/ul	99
19) Fluoranthene	19.482	202	27638	0.255	ng/ul	98
20) Pyrene	19.845	202	28766	0.261	ng/ul	99
21) Benzo(a)anthracene	21.597	228	26928	0.317	ng/ul	100
22) Chrysene	21.653	228	28492	0.288	ng/ul	99
24) Benzo(b)fluoranthene	23.348	252	30299	0.268	ng/ul	98
25) Benzo(k)fluoranthene	23.401	252	29428	0.266	ng/ul	98
26) Benzo(a)pyrene	24.018	252	25324	0.286	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.783	276	31752	0.323	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.807	278	25401	0.338	ng/ul	96
29) Benzo(g,h,i)perylene	27.608	276	26959	0.304	ng/ul	98

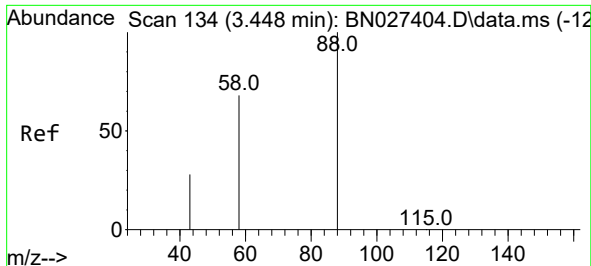
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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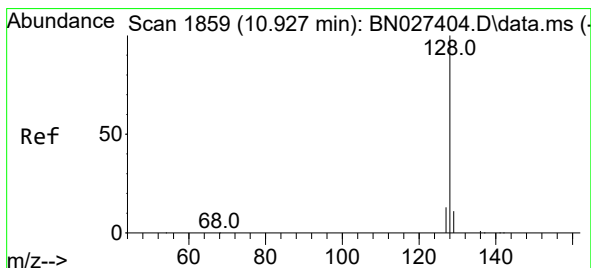
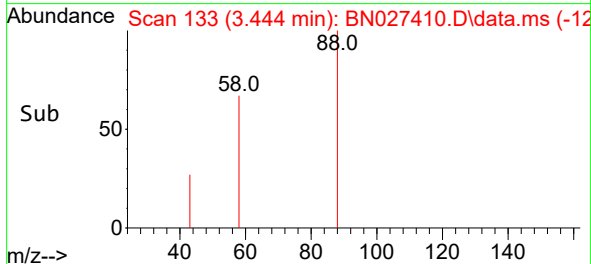
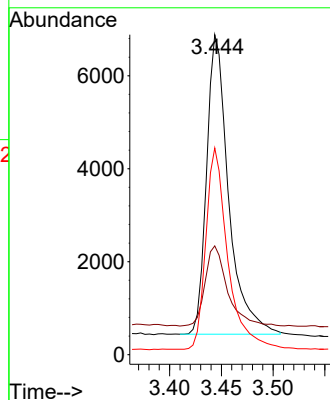
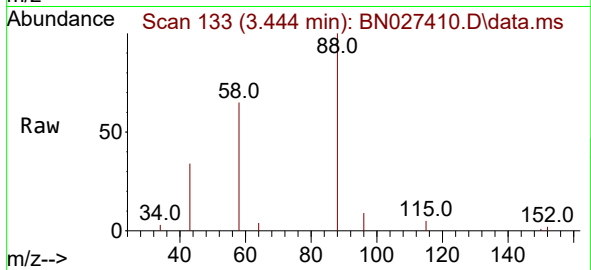




#2
1,4-Dioxane
Concen: 1.405 ng/ul
RT: 3.444 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN027410.D
Acq: 06 Sep 2023 16:59

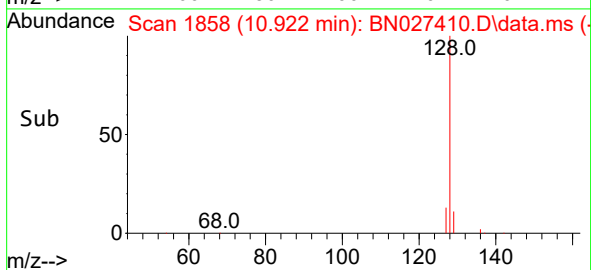
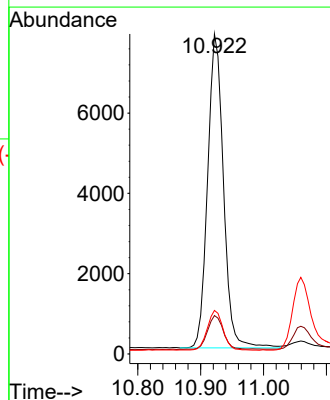
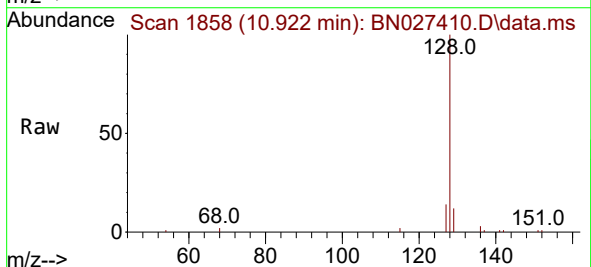
Instrument :
BNA_N
ClientSampleId :
SLCS063

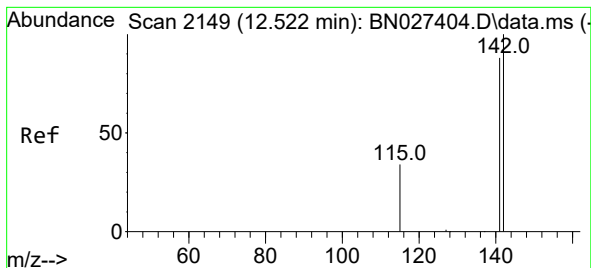
Tgt Ion: 88 Resp: 9514
Ion Ratio Lower Upper
88 100
43 34.0 26.8 40.2
58 64.6 39.9 59.9#



#5
Naphthalene
Concen: 0.299 ng/ul
RT: 10.922 min Scan# 1858
Delta R.T. -0.011 min
Lab File: BN027410.D
Acq: 06 Sep 2023 16:59

Tgt Ion: 128 Resp: 13653
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 13.6 10.6 16.0

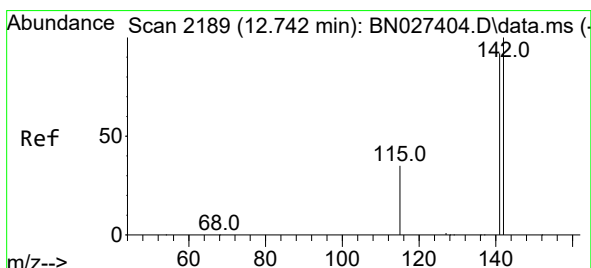
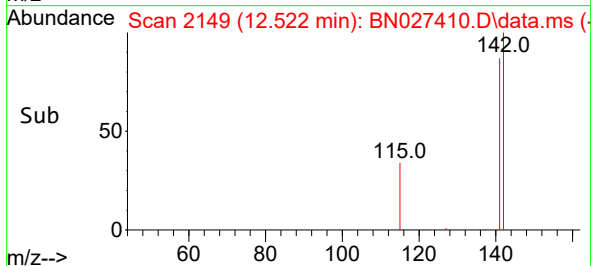
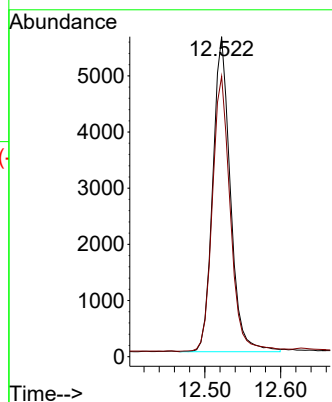
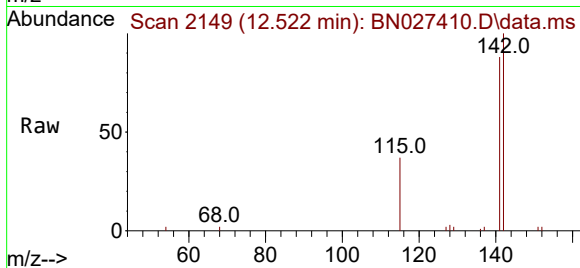




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. -0.011 min
Lab File: BN027410.D
Acq: 06 Sep 2023 16:59

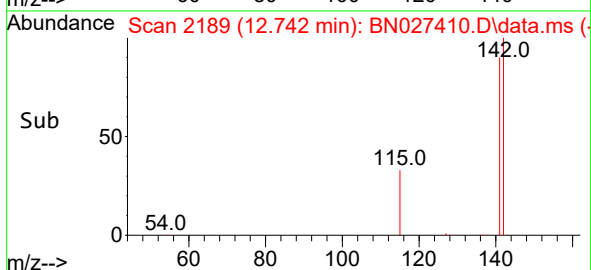
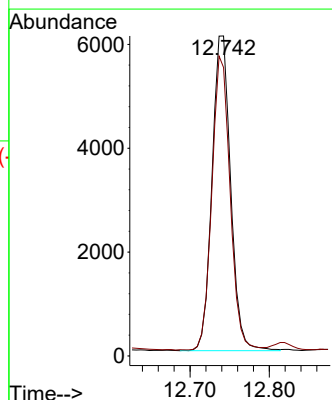
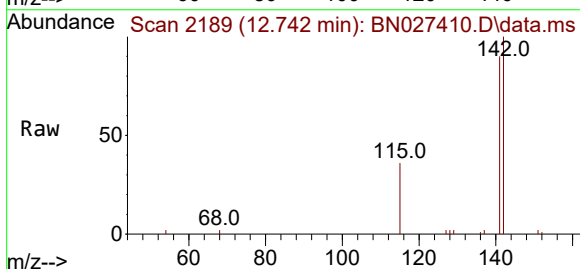
Instrument :
BNA_N
ClientSampleId :
SLCS063

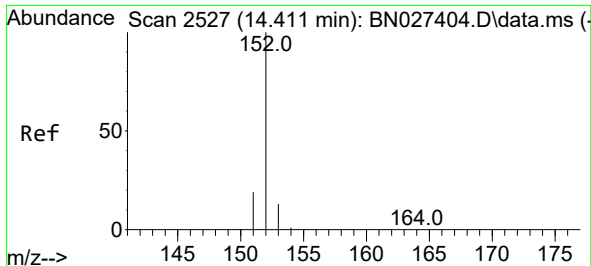
Tgt Ion:142 Resp: 9010
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BN027410.D
Acq: 06 Sep 2023 16:59

Tgt Ion:142 Resp: 9898
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4

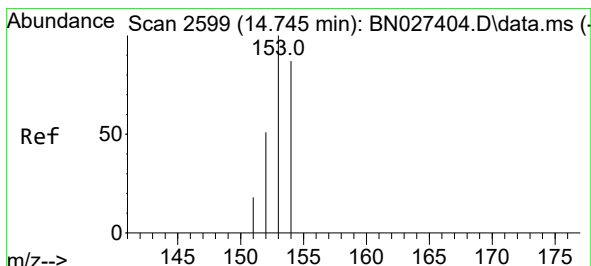
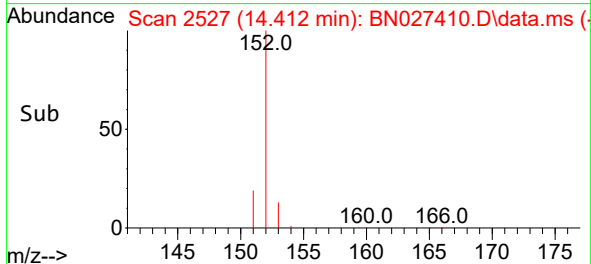
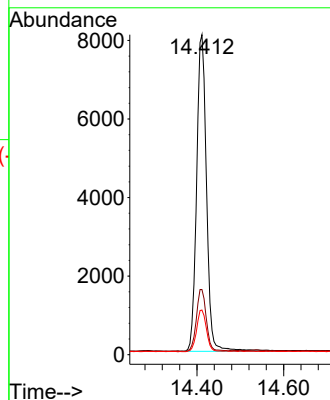
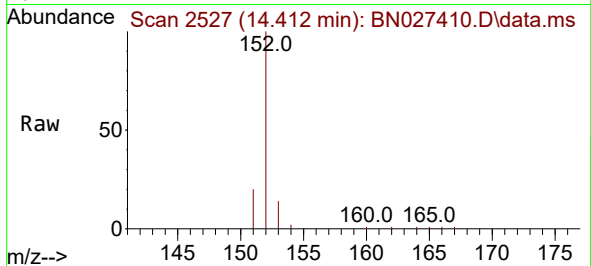




#10
Acenaphthylene
Concen: 0.286 ng/ul
RT: 14.412 min Scan# 2527
Delta R.T. -0.009 min
Lab File: BN027410.D
Acq: 06 Sep 2023 16:59

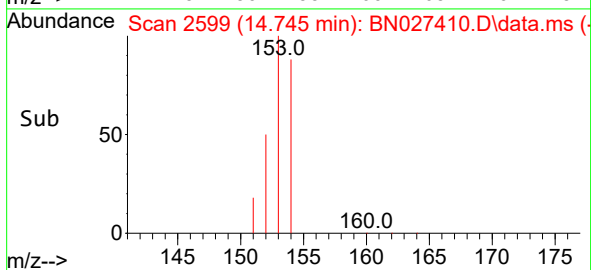
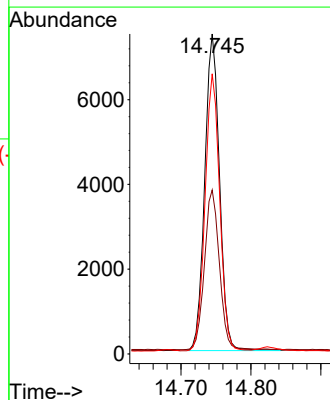
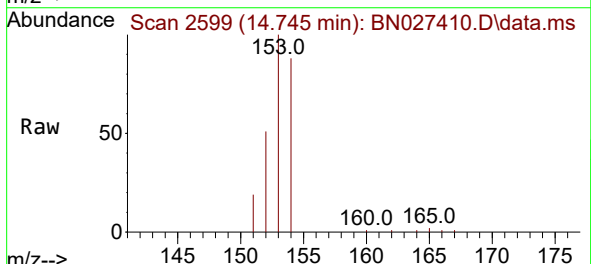
Instrument :
BNA_N
ClientSampleId :
SLCS063

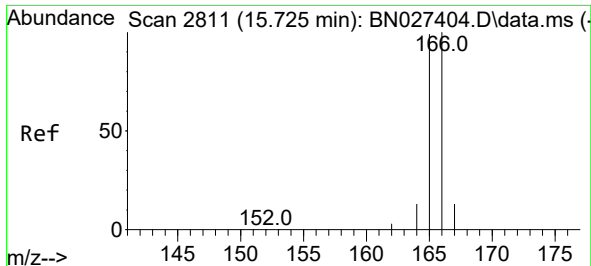
Tgt Ion:152 Resp: 12806
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.284 ng/ul
RT: 14.745 min Scan# 2599
Delta R.T. -0.005 min
Lab File: BN027410.D
Acq: 06 Sep 2023 16:59

Tgt Ion:153 Resp: 10931
Ion Ratio Lower Upper
153 100
152 51.2 42.9 64.3
154 87.5 69.4 104.0

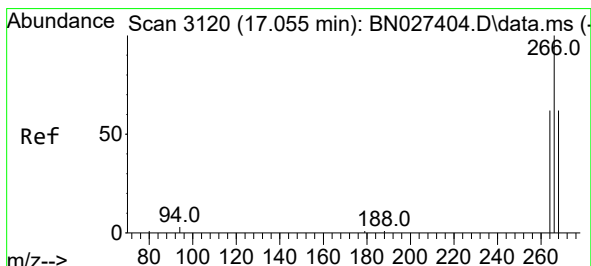
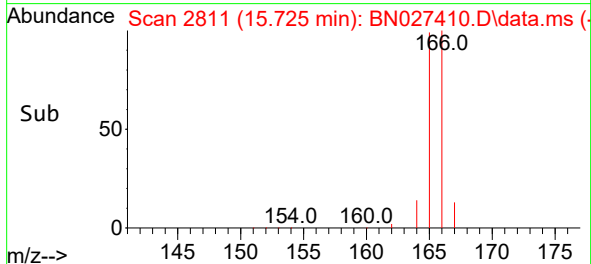
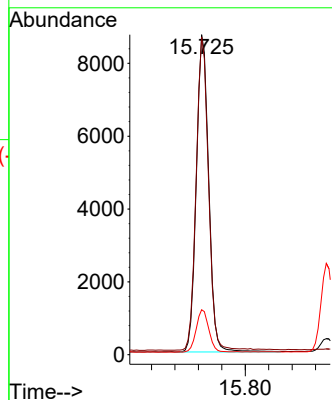
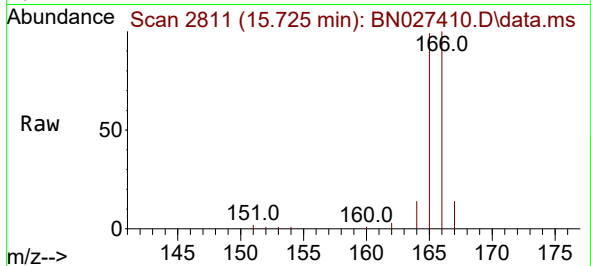




#12
 Fluorene
 Concen: 0.297 ng/ul
 RT: 15.725 min Scan# 2811
 Delta R.T. -0.014 min
 Lab File: BN027410.D
 Acq: 06 Sep 2023 16:59

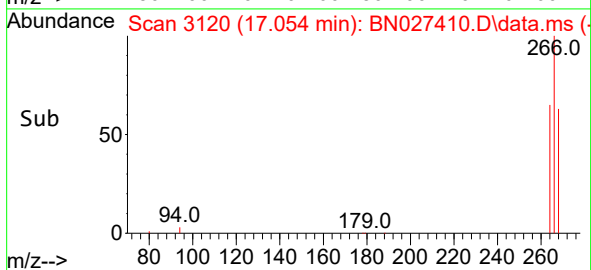
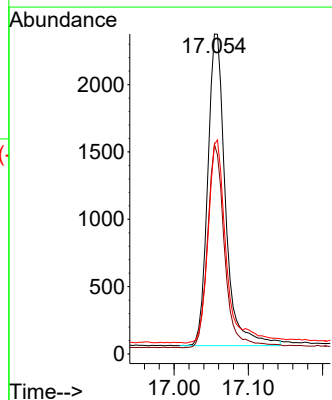
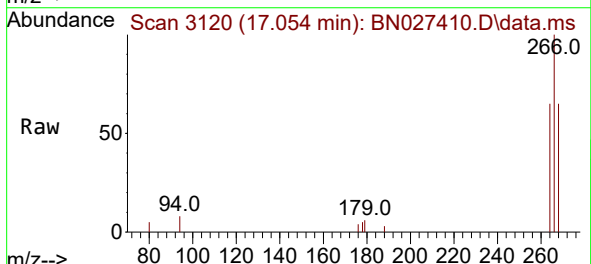
Instrument :
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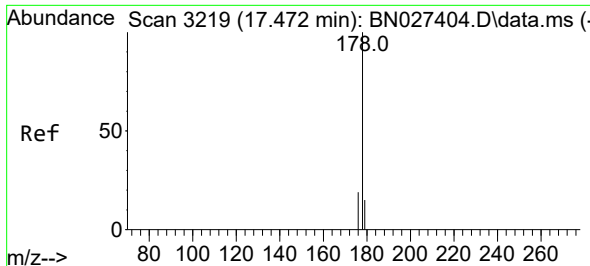
Tgt Ion:166 Resp: 12806
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.6 119.4
 167 14.0 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.822 ng/ul
 RT: 17.054 min Scan# 3120
 Delta R.T. -0.013 min
 Lab File: BN027410.D
 Acq: 06 Sep 2023 16:59

Tgt Ion:266 Resp: 3842
 Ion Ratio Lower Upper
 266 100
 264 63.1 50.4 75.6
 268 66.5 51.9 77.9

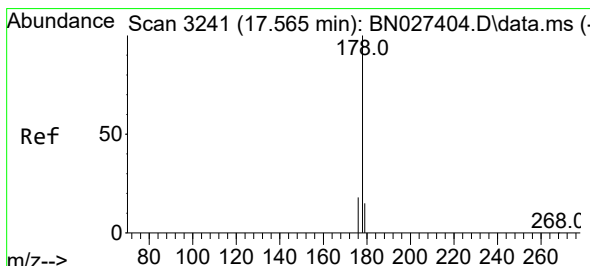
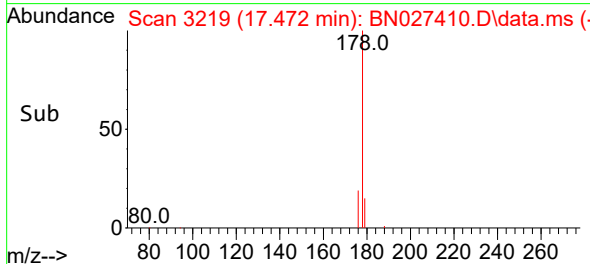
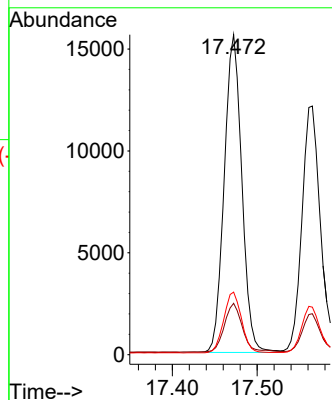
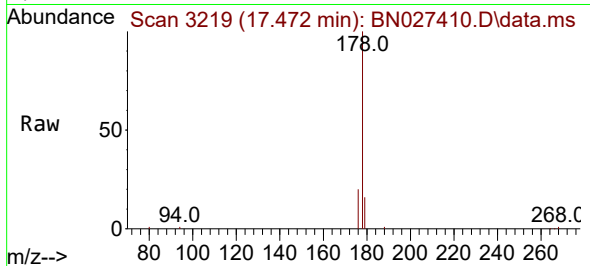




#15
Phenanthrene
Concen: 0.288 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. -0.008 min
Lab File: BN027410.D
Acq: 06 Sep 2023 16:59

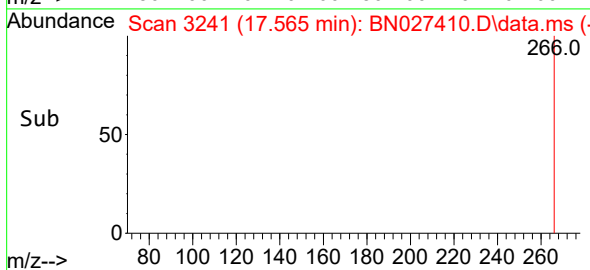
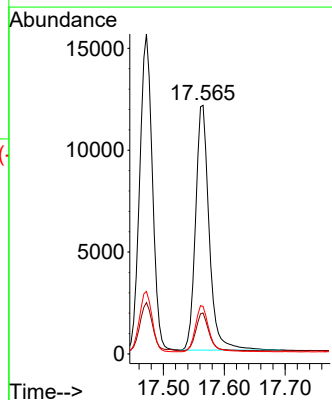
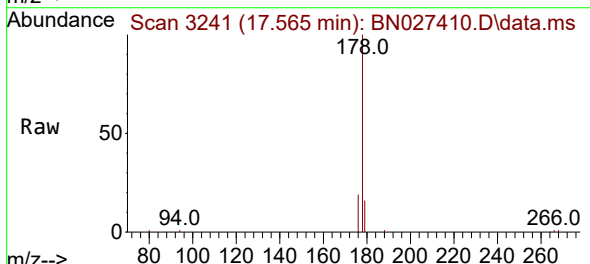
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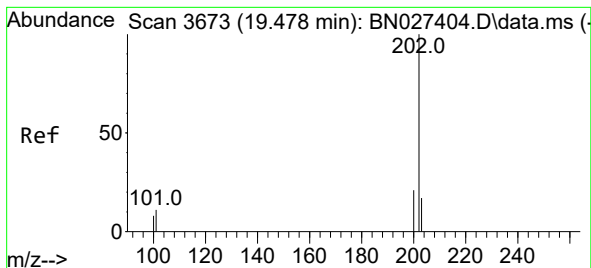
Tgt Ion:178 Resp: 22472
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.6 15.8 23.8



#16
Anthracene
Concen: 0.302 ng/ul
RT: 17.565 min Scan# 3241
Delta R.T. -0.008 min
Lab File: BN027410.D
Acq: 06 Sep 2023 16:59

Tgt Ion:178 Resp: 18756
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 19.1 15.6 23.4





#19

Fluoranthene

Concen: 0.255 ng/ul

RT: 19.482 min Scan# 3674

Delta R.T. -0.005 min

Lab File: BN027410.D

Acq: 06 Sep 2023 16:59

Instrument :

BNA_N

ClientSampleId :

SLCS063

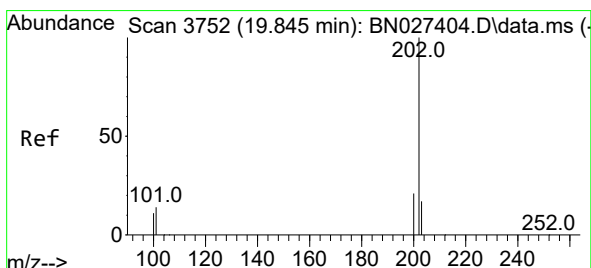
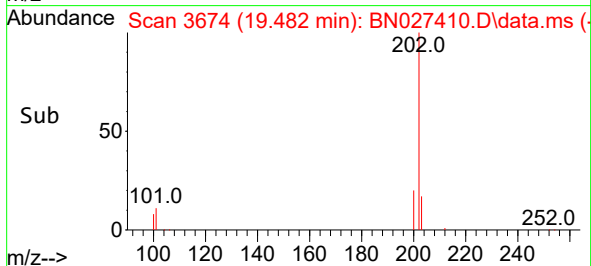
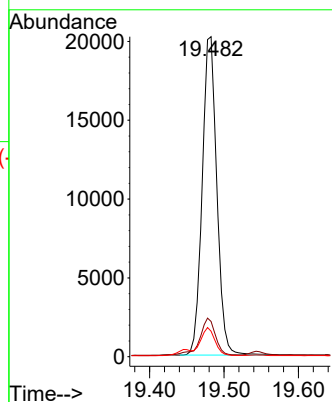
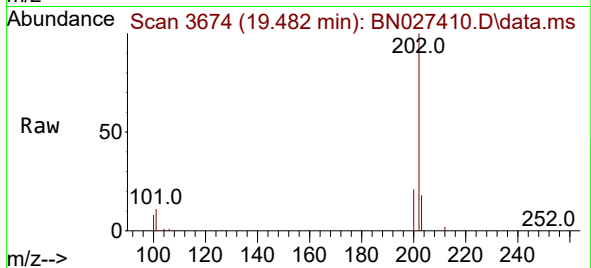
Tgt Ion:202 Resp: 27638

Ion Ratio Lower Upper

202 100

101 11.0 9.4 14.0

100 8.0 6.9 10.3



#20

Pyrene

Concen: 0.261 ng/ul

RT: 19.845 min Scan# 3752

Delta R.T. -0.005 min

Lab File: BN027410.D

Acq: 06 Sep 2023 16:59

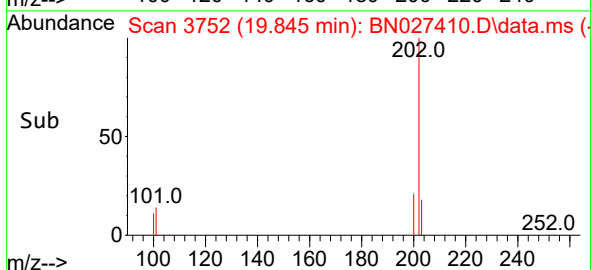
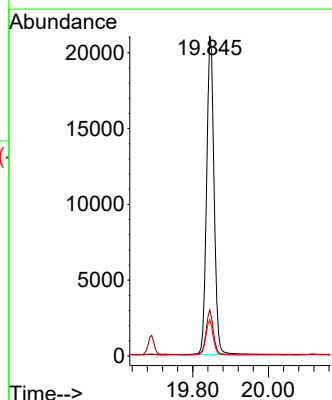
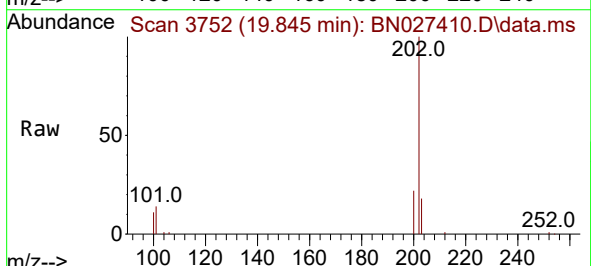
Tgt Ion:202 Resp: 28766

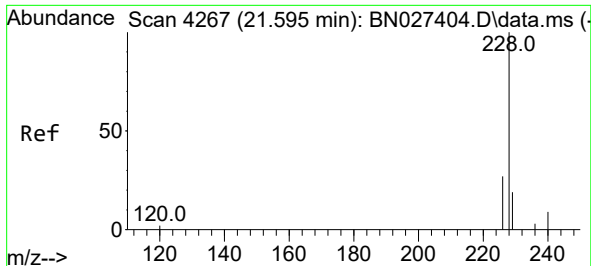
Ion Ratio Lower Upper

202 100

101 14.4 11.4 17.2

100 11.3 9.4 14.2

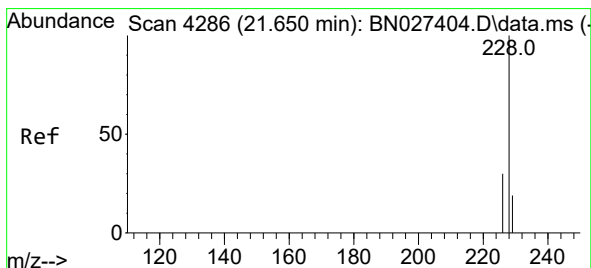
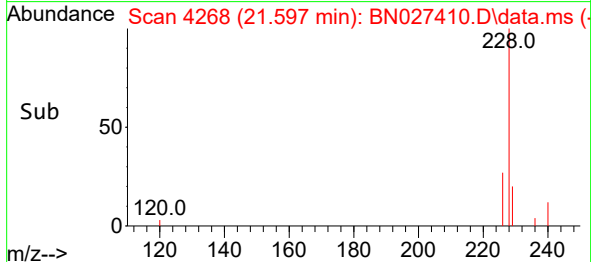
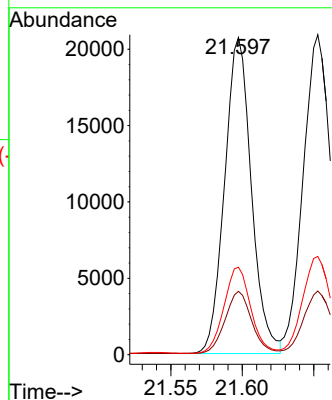
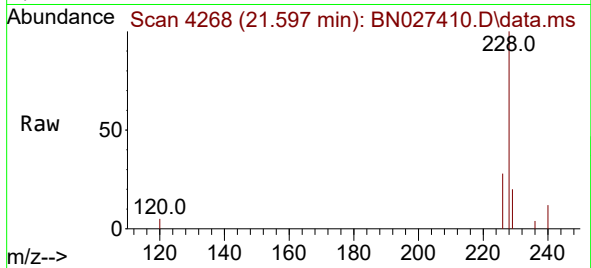




#21
Benzo(a)anthracene
Concen: 0.317 ng/ul
RT: 21.597 min Scan# 4267
Delta R.T. 0.006 min
Lab File: BN027410.D
Acq: 06 Sep 2023 16:59

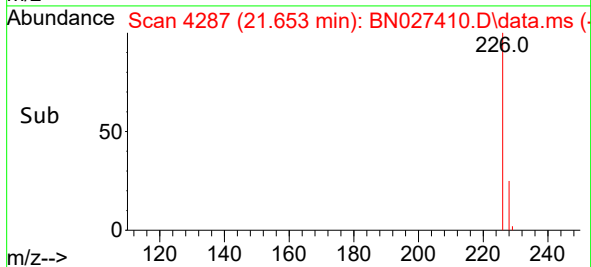
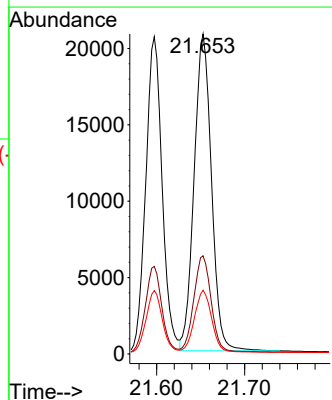
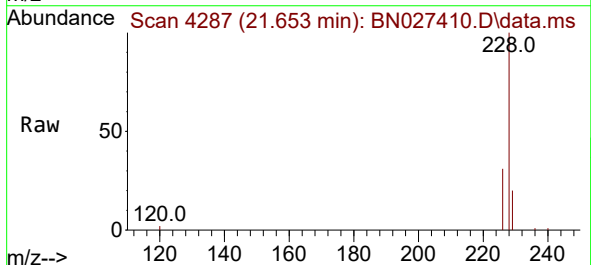
Instrument :
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SLCS063

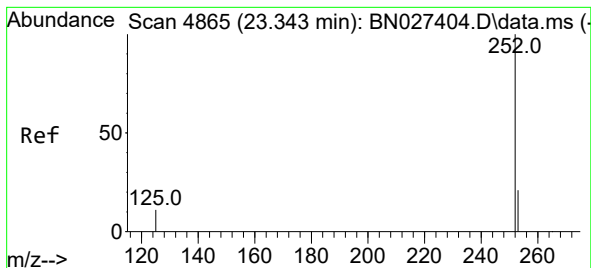
Tgt Ion:228 Resp: 26928
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.6 22.0 33.0



#22
Chrysene
Concen: 0.288 ng/ul
RT: 21.653 min Scan# 4287
Delta R.T. 0.006 min
Lab File: BN027410.D
Acq: 06 Sep 2023 16:59

Tgt Ion:228 Resp: 28492
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 19.9 15.6 23.4





#24

Benzo(b)fluoranthene

Concen: 0.268 ng/ul

RT: 23.348 min Scan# 4865

Delta R.T. 0.003 min

Lab File: BN027410.D

Acq: 06 Sep 2023 16:59

Instrument :

BNA_N

ClientSampleId :

SLCS063

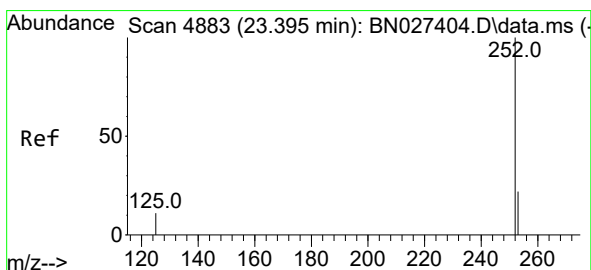
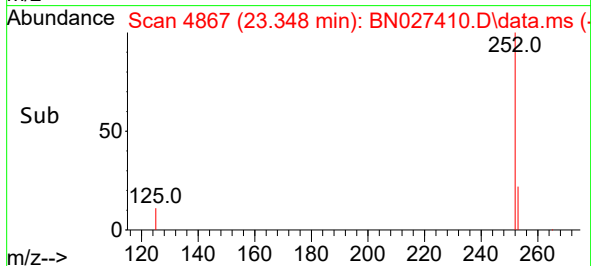
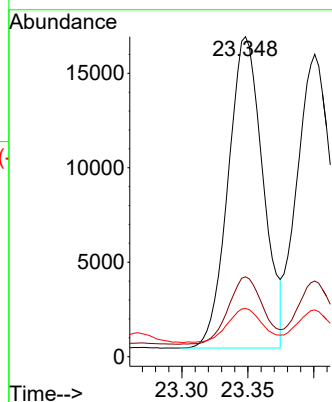
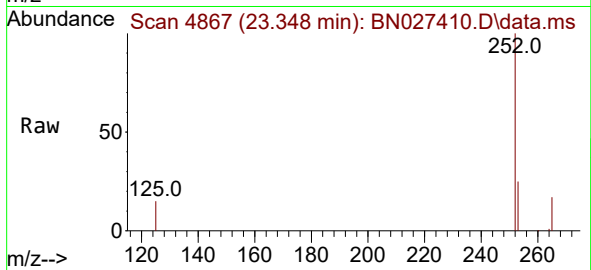
Tgt Ion:252 Resp: 30299

Ion Ratio Lower Upper

252 100

253 25.0 0.0 49.6

125 15.0 0.0 33.8



#25

Benzo(k)fluoranthene

Concen: 0.266 ng/ul

RT: 23.401 min Scan# 4885

Delta R.T. 0.003 min

Lab File: BN027410.D

Acq: 06 Sep 2023 16:59

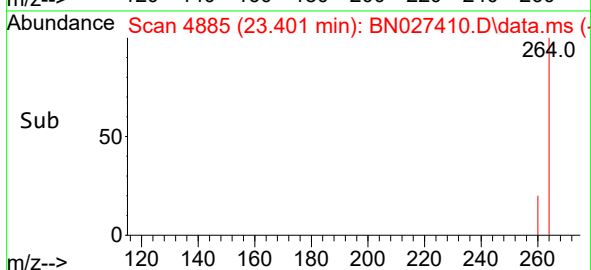
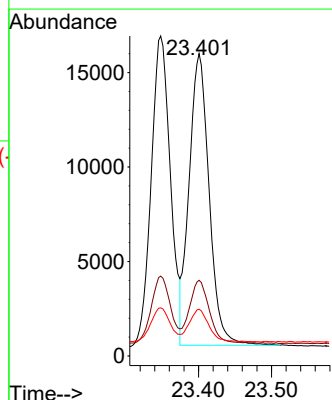
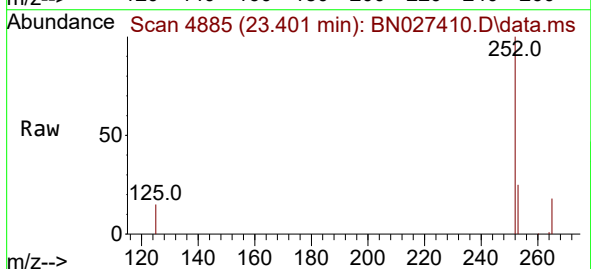
Tgt Ion:252 Resp: 29428

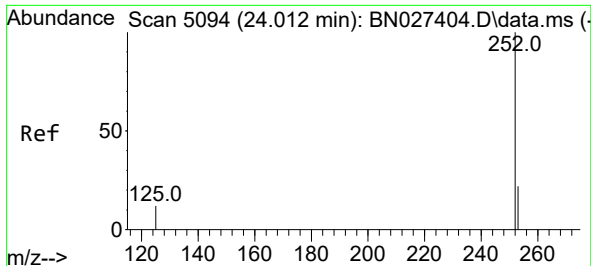
Ion Ratio Lower Upper

252 100

253 25.0 19.9 29.9

125 15.5 13.6 20.4

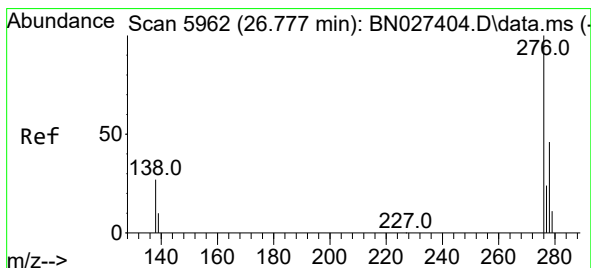
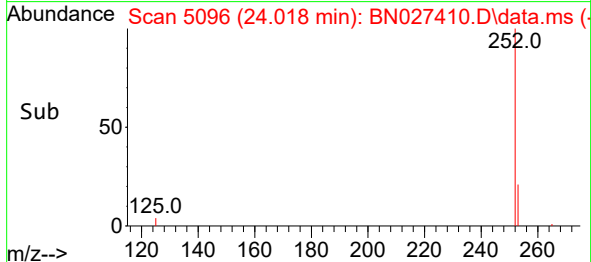
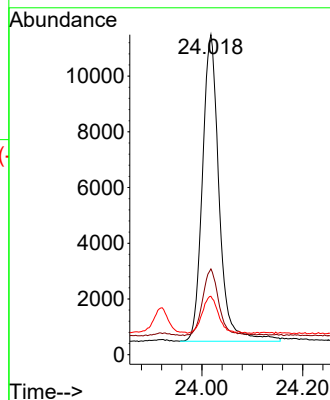
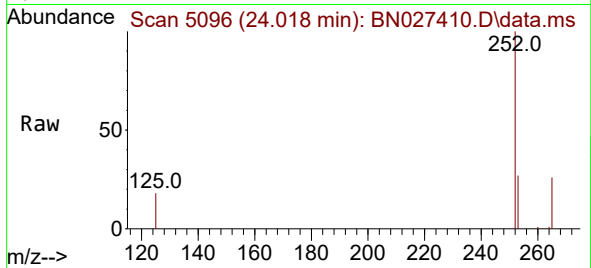




#26
Benzo(a)pyrene
Concen: 0.286 ng/ul
RT: 24.018 min Scan# 5094
Delta R.T. 0.000 min
Lab File: BN027410.D
Acq: 06 Sep 2023 16:59

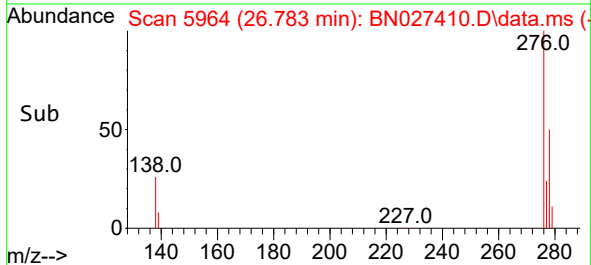
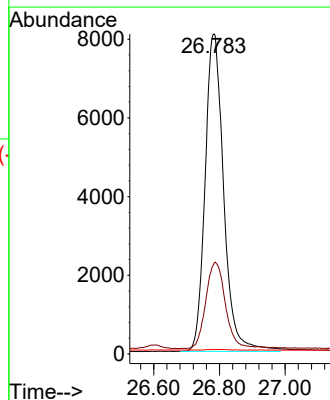
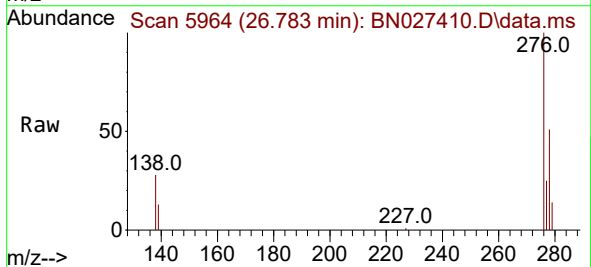
Instrument :
BNA_N
ClientSampleId :
SLCS063

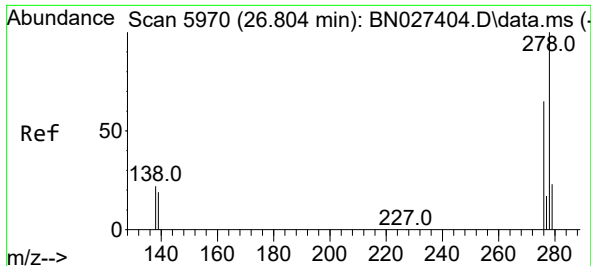
Tgt Ion:252 Resp: 25324
Ion Ratio Lower Upper
252 100
253 26.8 22.4 33.6
125 18.2 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng/ul
RT: 26.783 min Scan# 5964
Delta R.T. -0.017 min
Lab File: BN027410.D
Acq: 06 Sep 2023 16:59

Tgt Ion:276 Resp: 31752
Ion Ratio Lower Upper
276 100
138 29.0 23.9 35.9
227 0.2 0.1 0.1#

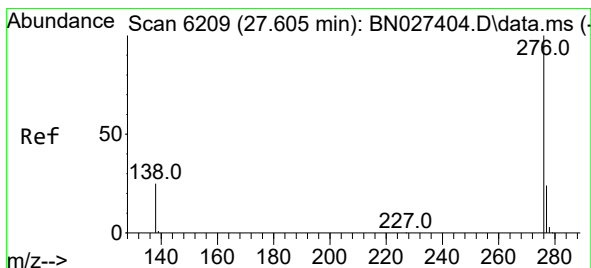
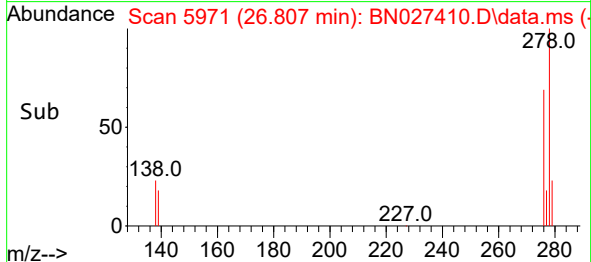
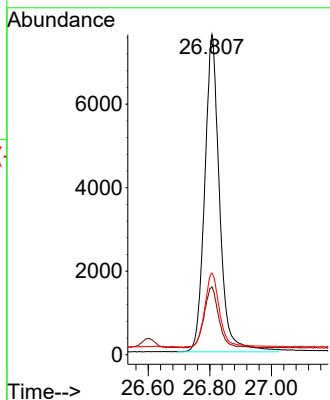
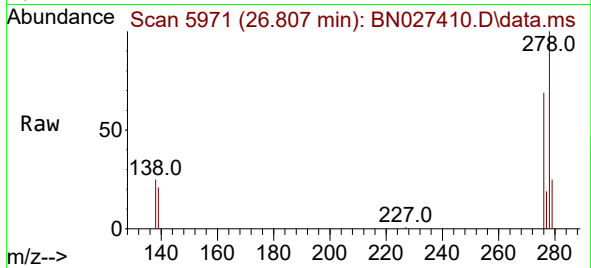




#28
 Dibenzo(a,h)anthracene
 Concen: 0.338 ng/ul
 RT: 26.807 min Scan# 5970
 Delta R.T. -0.027 min
 Lab File: BN027410.D
 Acq: 06 Sep 2023 16:59

Instrument :
 BNA_N
 ClientSampleId :
 SLCS063

Tgt Ion:278 Resp: 25401
 Ion Ratio Lower Upper
 278 100
 139 21.2 18.0 27.0
 279 25.5 22.7 34.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.304 ng/ul
 RT: 27.608 min Scan# 6210
 Delta R.T. -0.020 min
 Lab File: BN027410.D
 Acq: 06 Sep 2023 16:59

Tgt Ion:276 Resp: 26959
 Ion Ratio Lower Upper
 276 100
 138 26.6 22.1 33.1
 277 24.2 20.2 30.4

