

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030221.D
 Acq On : 03 Mar 2024 16:23
 Operator : MA/JU
 Sample : PB159243BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS243

Quant Time: Mar 03 22:53:48 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)

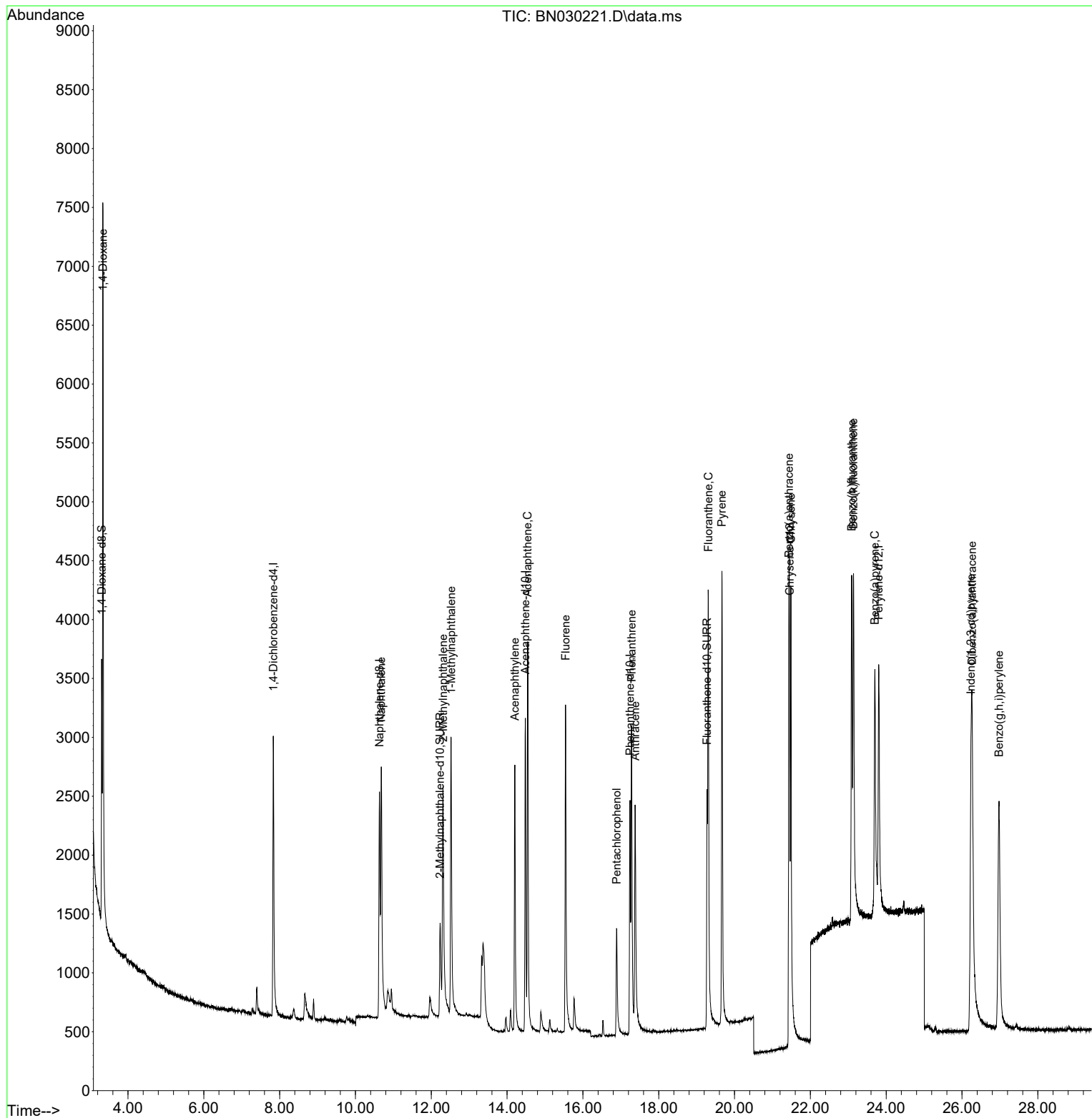
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	1553	0.400	ng/ul	0.00
4) Naphthalene-d8	10.632	136	3992	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.482	164	1802	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.242	188	3268	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.451	240	2848	0.400	ng/ul	# 0.00
23) Perylene-d12	23.801	264	3344	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	1524	0.709	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	1658	0.321	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	3091	0.333	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	4421	1.895	ng/ul#	87
5) Naphthalene	10.682	128	3880	0.329	ng/ul	100
7) 2-Methylnaphthalene	12.310	142	2064	0.323	ng/ul	100
8) 1-Methylnaphthalene	12.524	142	2114	0.312	ng/ul	100
10) Acenaphthylene	14.204	152	3354	0.333	ng/ul	97
11) Acenaphthene	14.542	153	2416	0.327	ng/ul	99
12) Fluorene	15.541	166	2455	0.326	ng/ul	97
14) Pentachlorophenol	16.887	266	923	0.990	ng/ul	99
15) Phenanthrene	17.284	178	3554	0.324	ng/ul	99
16) Anthracene	17.377	178	3234	0.335	ng/ul	99
19) Fluoranthene	19.308	202	4161	0.329	ng/ul	98
20) Pyrene	19.666	202	4529	0.329	ng/ul	99
21) Benzo(a)anthracene	21.433	228	3706	0.368	ng/ul	99
22) Chrysene	21.486	228	4189	0.346	ng/ul	100
24) Benzo(b)fluoranthene	23.090	252	4373	0.339	ng/ul	98
25) Benzo(k)fluoranthene	23.137	252	4921	0.324	ng/ul	97
26) Benzo(a)pyrene	23.701	252	4434	0.338	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.236	276	5913	0.353	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.266	278	4679	0.361	ng/ul	95
29) Benzo(g,h,i)perylene	26.977	276	5255	0.338	ng/ul	96

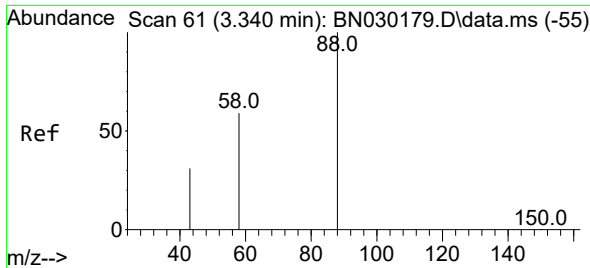
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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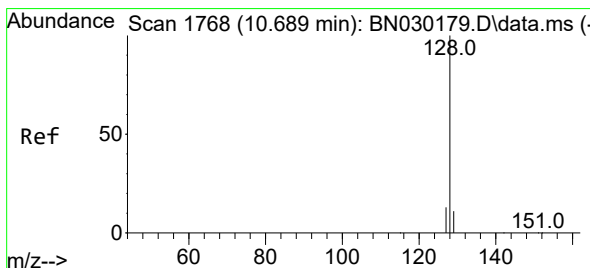
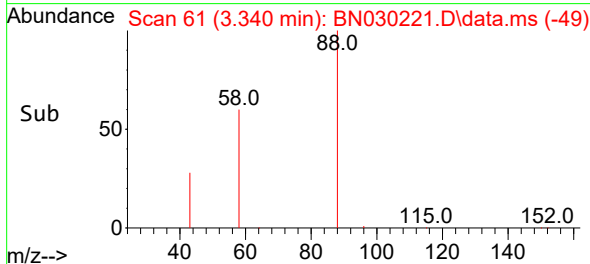
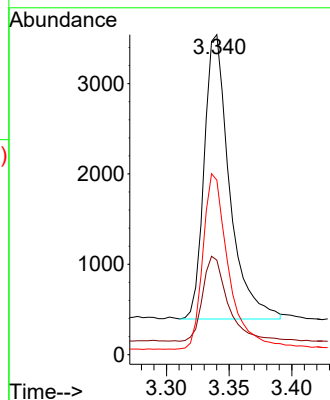
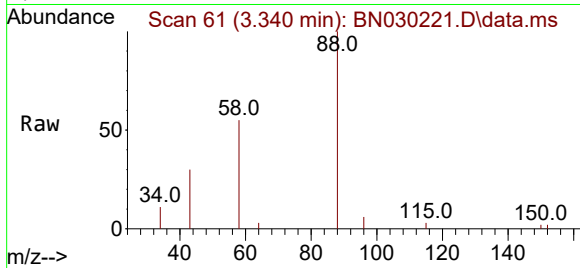




#2
1,4-Dioxane
Concen: 1.895 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN030221.D
Acq: 03 Mar 2024 16:23

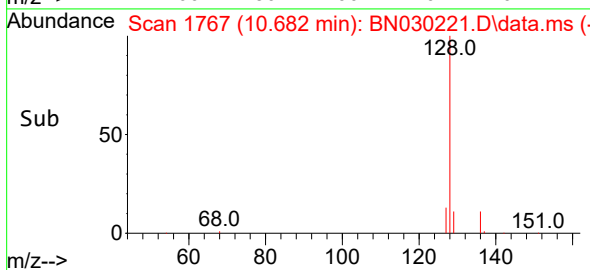
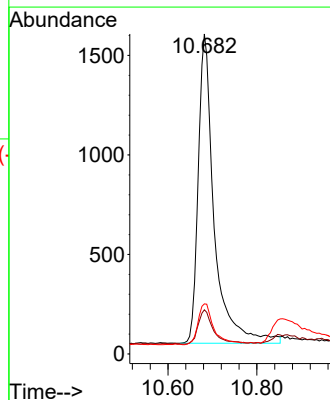
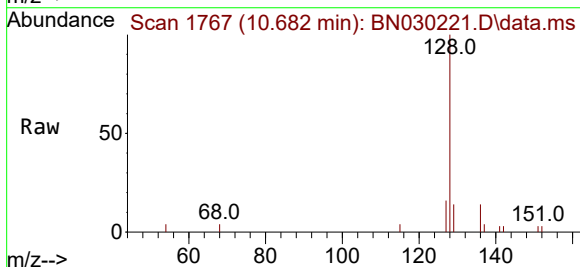
Instrument :
BNA_N
ClientSampleId :
SLCS243

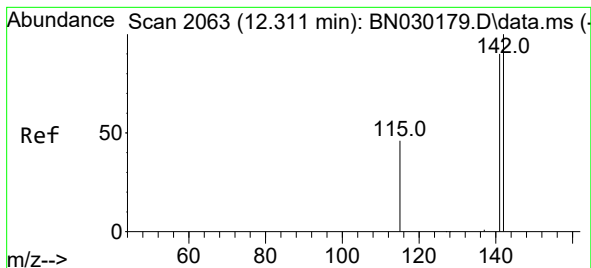
Tgt Ion: 88 Resp: 4421
Ion Ratio Lower Upper
88 100
43 29.6 25.7 38.5
58 54.5 33.8 50.8#



#5
Naphthalene
Concen: 0.329 ng/ul
RT: 10.682 min Scan# 1767
Delta R.T. -0.007 min
Lab File: BN030221.D
Acq: 03 Mar 2024 16:23

Tgt Ion: 128 Resp: 3880
Ion Ratio Lower Upper
128 100
129 13.8 11.0 16.4
127 15.7 12.3 18.5

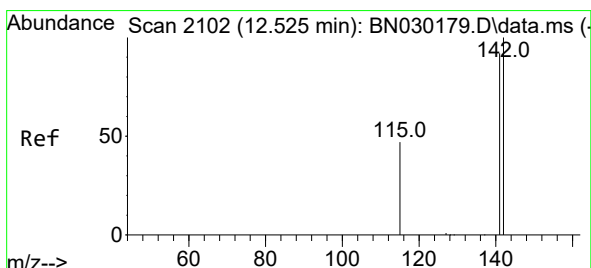
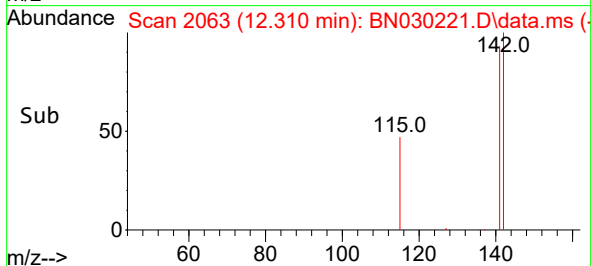
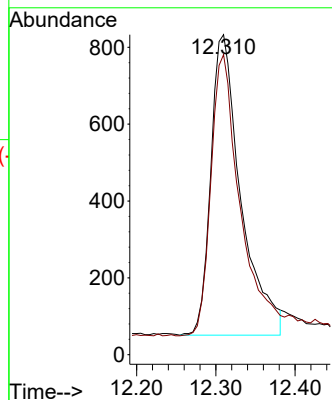
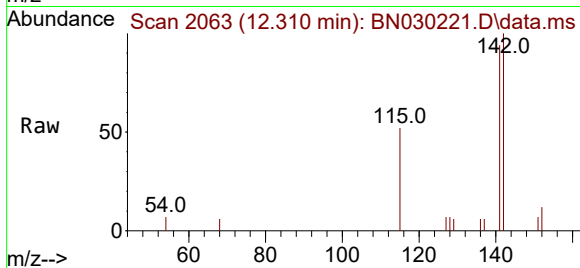




#7
2-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.310 min Scan# 2063
Delta R.T. -0.001 min
Lab File: BN030221.D
Acq: 03 Mar 2024 16:23

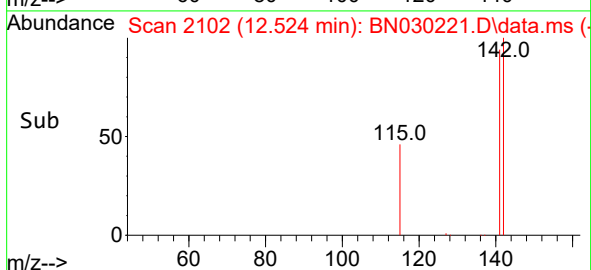
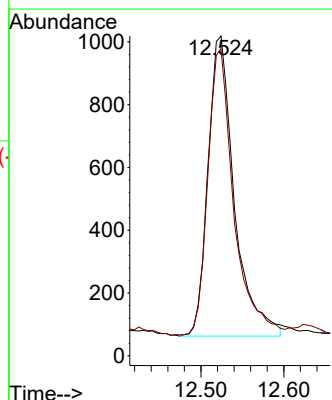
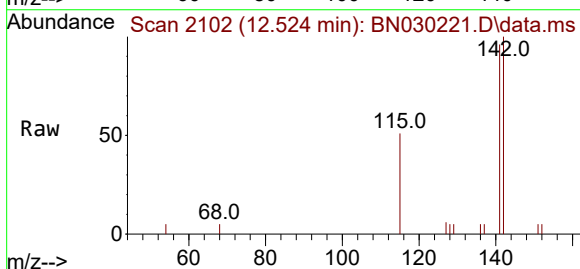
Instrument :
BNA_N
ClientSampleId :
SLCS243

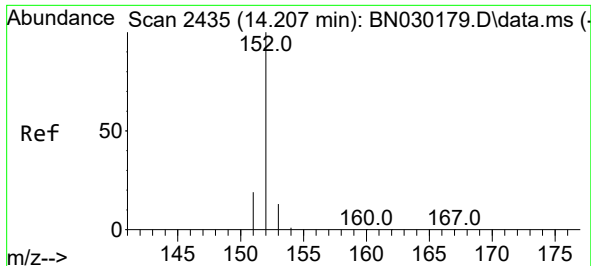
Tgt Ion:142 Resp: 2064
Ion Ratio Lower Upper
142 100
141 91.5 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.524 min Scan# 2102
Delta R.T. -0.001 min
Lab File: BN030221.D
Acq: 03 Mar 2024 16:23

Tgt Ion:142 Resp: 2114
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.2

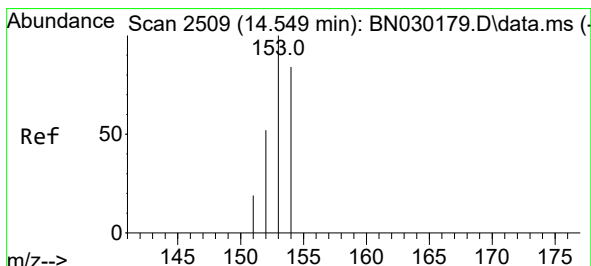
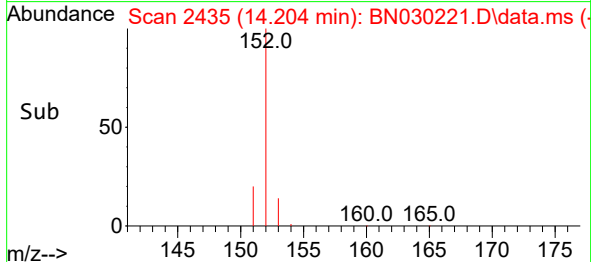
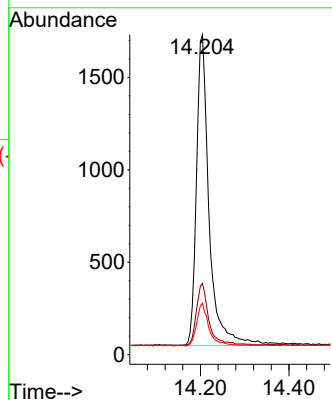
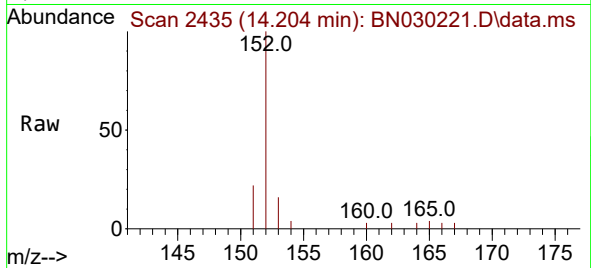




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.204 min Scan# 2435
Delta R.T. -0.002 min
Lab File: BN030221.D
Acq: 03 Mar 2024 16:23

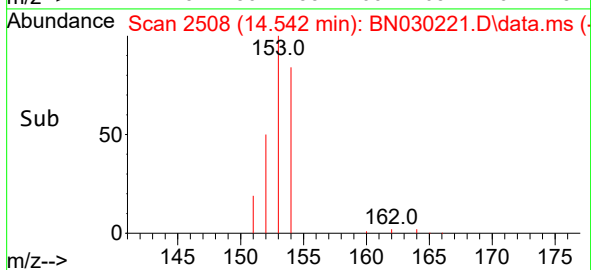
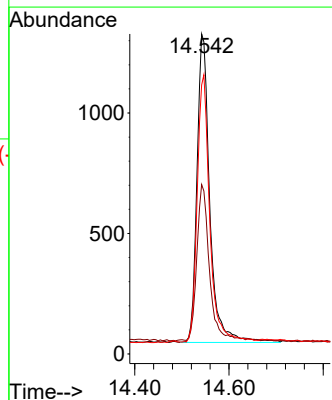
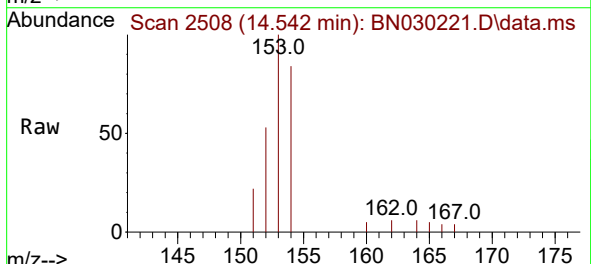
Instrument :
BNA_N
ClientSampleId :
SLCS243

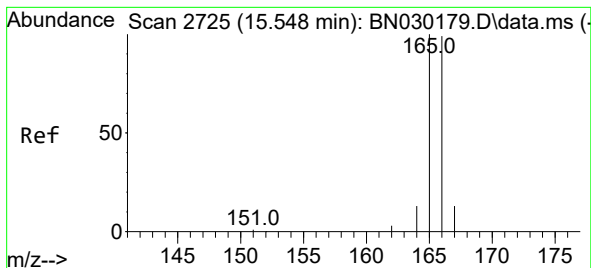
Tgt Ion:	152	Resp:	3354
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.9	25.3
153	16.1	11.8	17.6



#11
Acenaphthene
Concen: 0.327 ng/ul
RT: 14.542 min Scan# 2508
Delta R.T. -0.007 min
Lab File: BN030221.D
Acq: 03 Mar 2024 16:23

Tgt Ion:	153	Resp:	2416
Ion Ratio	Lower	Upper	
153	100		
152	52.9	43.2	64.8
154	84.0	67.5	101.3





#12

Fluorene

Concen: 0.326 ng/ul

RT: 15.541 min Scan# 21

Delta R.T. -0.007 min

Lab File: BN030221.D

Acq: 03 Mar 2024 16:23

Instrument :

BNA_N

ClientSampleId :

SLCS243

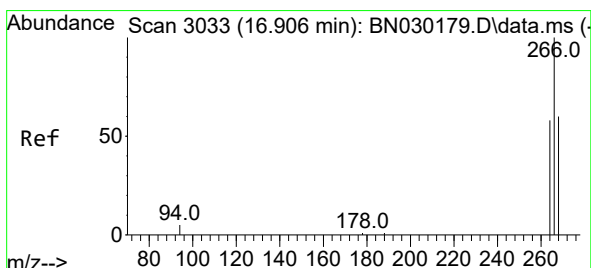
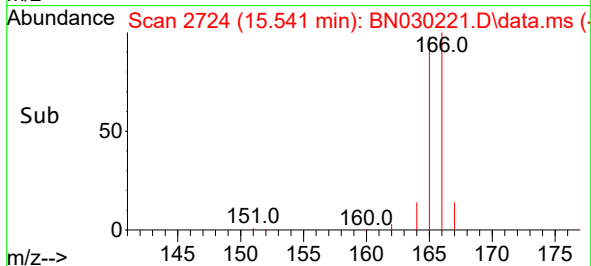
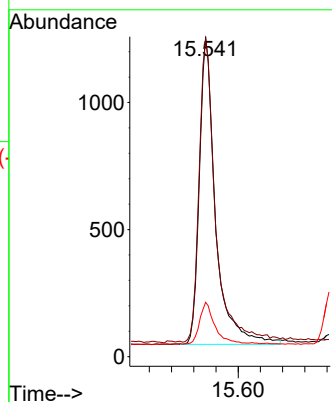
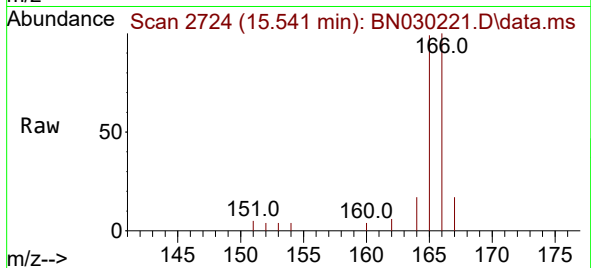
Tgt Ion:166 Resp: 2455

Ion Ratio Lower Upper

166 100

165 99.2 81.8 122.6

167 17.0 13.0 19.4



#14

Pentachlorophenol

Concen: 0.990 ng/ul

RT: 16.887 min Scan# 3029

Delta R.T. -0.019 min

Lab File: BN030221.D

Acq: 03 Mar 2024 16:23

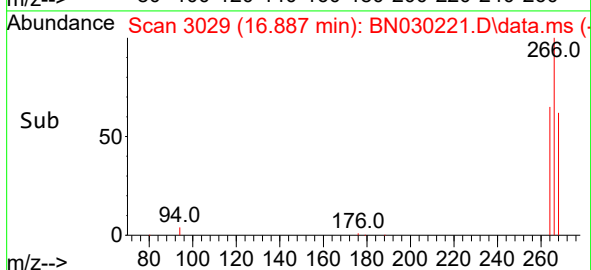
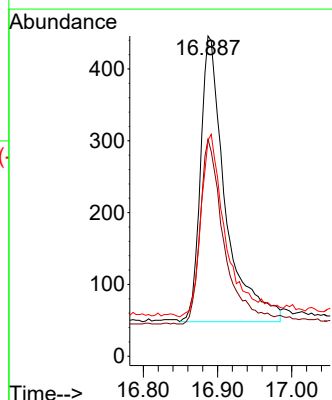
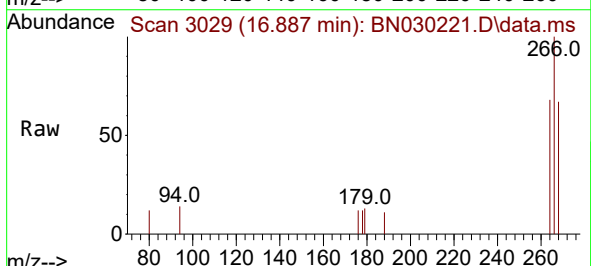
Tgt Ion:266 Resp: 923

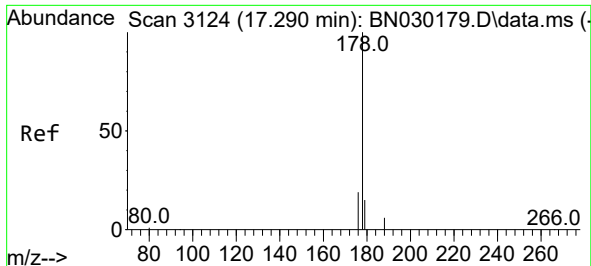
Ion Ratio Lower Upper

266 100

264 62.9 49.8 74.8

268 65.3 53.4 80.2

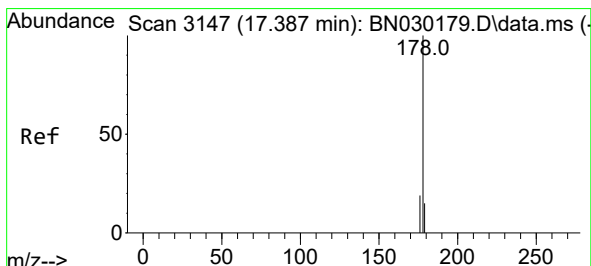
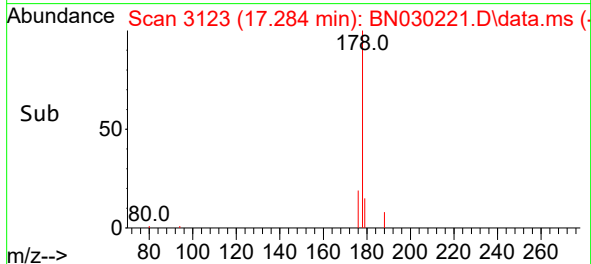
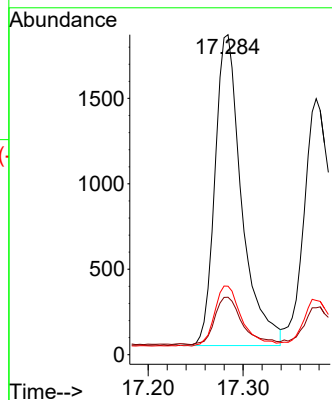
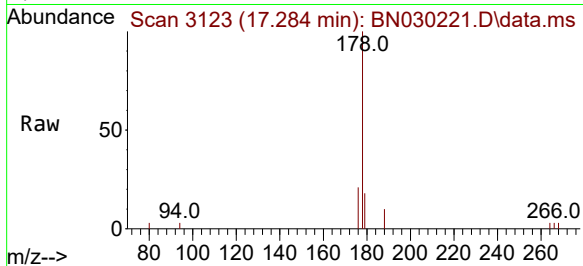




#15
Phenanthrene
Concen: 0.324 ng/ul
RT: 17.284 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BN030221.D
Acq: 03 Mar 2024 16:23

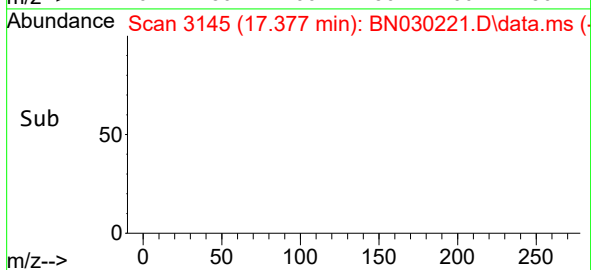
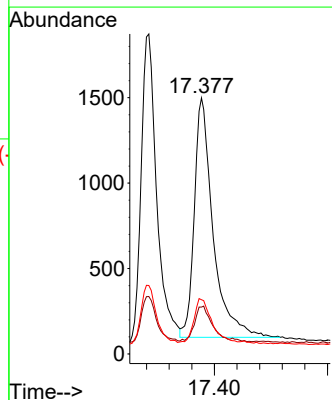
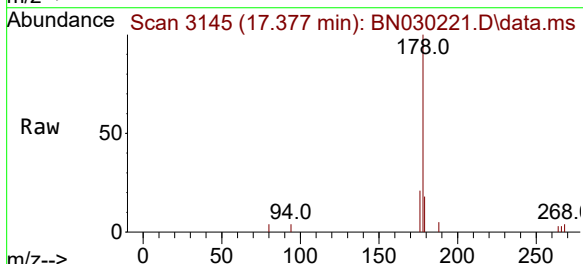
Instrument :
BNA_N
ClientSampleId :
SLCS243

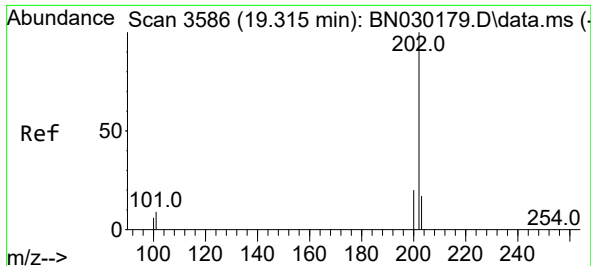
Tgt Ion:178	Resp:	3554
Ion	Ratio	Lower Upper
178	100	
179	17.9	13.8 20.8
176	21.4	16.6 25.0



#16
Anthracene
Concen: 0.335 ng/ul
RT: 17.377 min Scan# 3145
Delta R.T. -0.010 min
Lab File: BN030221.D
Acq: 03 Mar 2024 16:23

Tgt Ion:178	Resp:	3234
Ion	Ratio	Lower Upper
178	100	
179	18.4	14.8 22.2
176	21.2	17.8 26.6





#19

Fluoranthene

Concen: 0.329 ng/ul

RT: 19.308 min Scan# 3586

Delta R.T. -0.006 min

Lab File: BN030221.D

Acq: 03 Mar 2024 16:23

Instrument :

BNA_N

ClientSampleId :

SLCS243

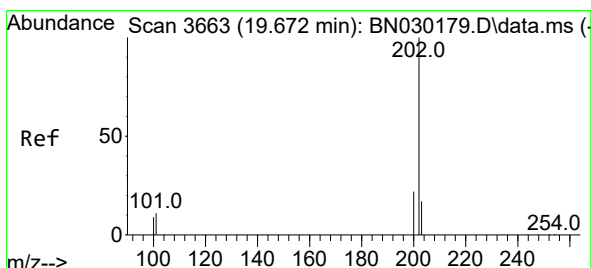
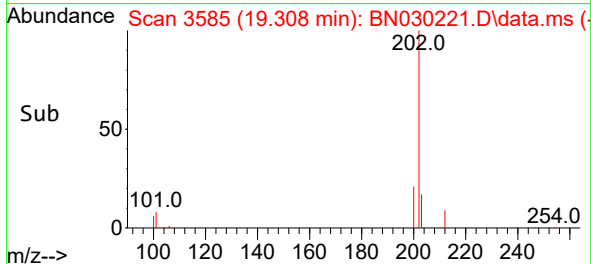
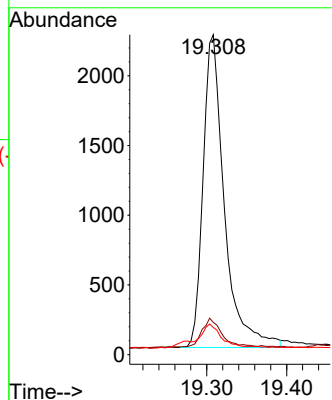
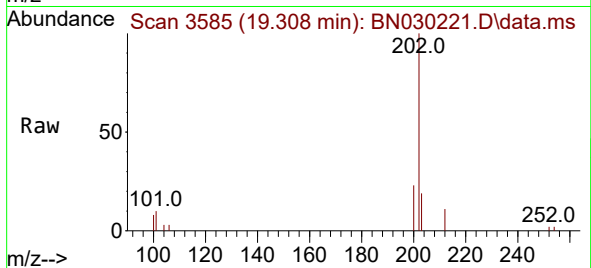
Tgt Ion:202 Resp: 4161

Ion Ratio Lower Upper

202 100

101 10.1 8.8 13.2

100 8.5 7.4 11.2



#20

Pyrene

Concen: 0.329 ng/ul

RT: 19.666 min Scan# 3662

Delta R.T. -0.006 min

Lab File: BN030221.D

Acq: 03 Mar 2024 16:23

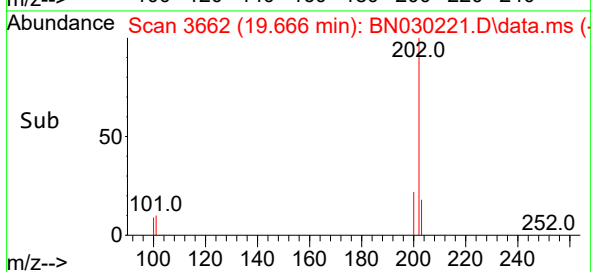
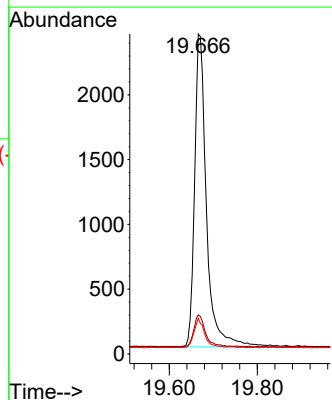
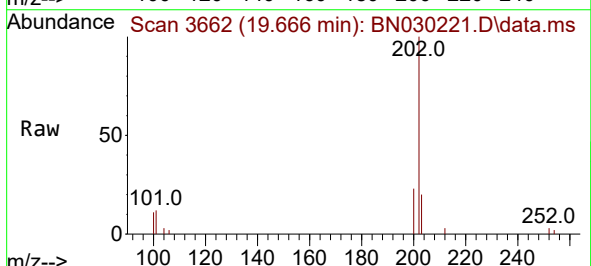
Tgt Ion:202 Resp: 4529

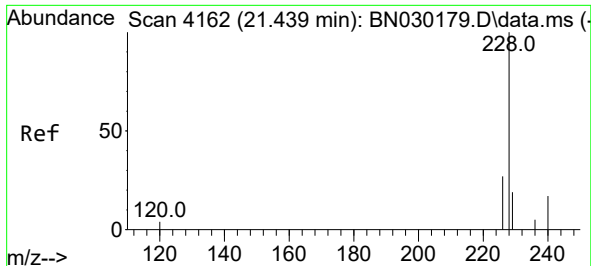
Ion Ratio Lower Upper

202 100

101 12.2 10.6 15.8

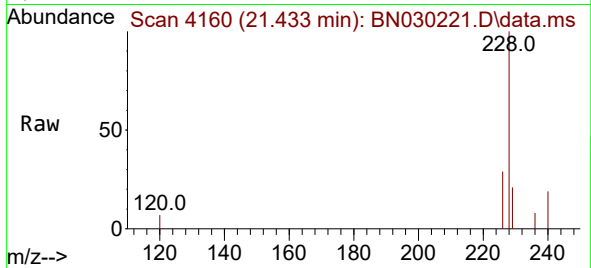
100 11.1 8.8 13.2



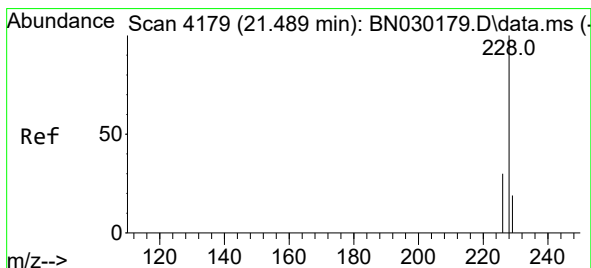
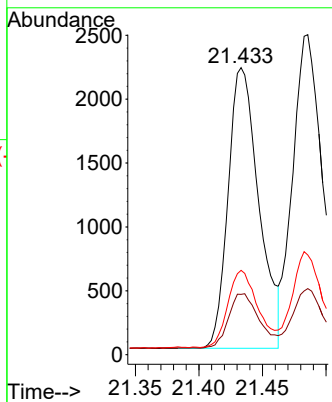
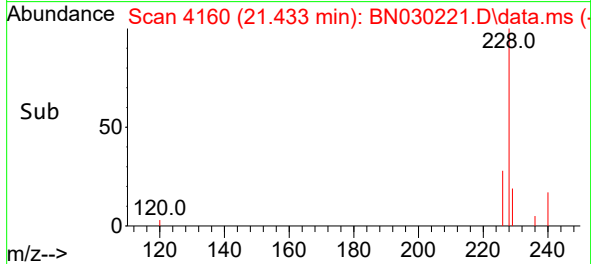


#21
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.433 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BN030221.D
Acq: 03 Mar 2024 16:23

Instrument :
BNA_N
ClientSampleId :
SLCS243

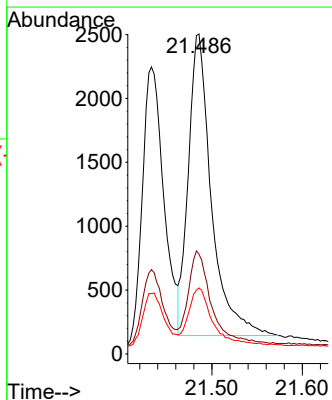
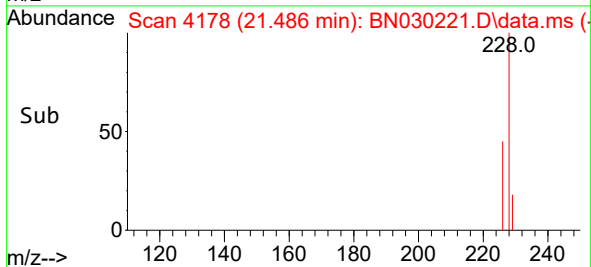
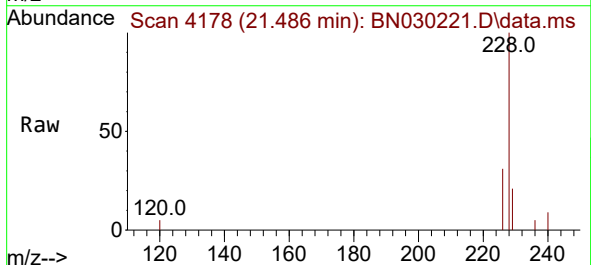


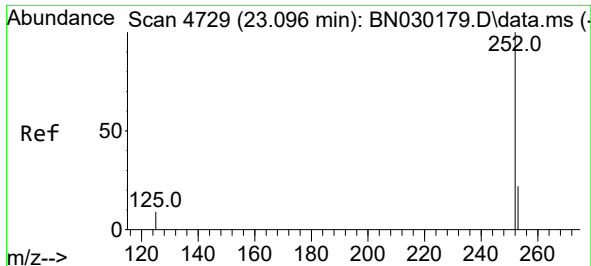
Tgt Ion:228 Resp: 3706
Ion Ratio Lower Upper
228 100
229 21.0 16.6 24.8
226 29.4 23.7 35.5



#22
Chrysene
Concen: 0.346 ng/ul
RT: 21.486 min Scan# 4178
Delta R.T. -0.003 min
Lab File: BN030221.D
Acq: 03 Mar 2024 16:23

Tgt Ion:228 Resp: 4189
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 20.6 16.6 24.8

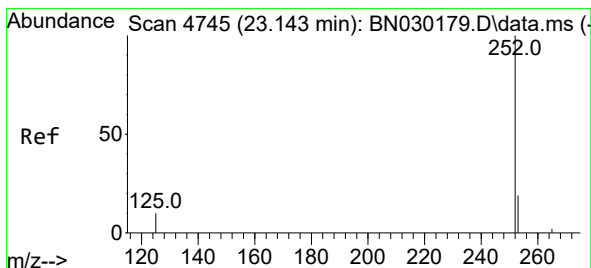
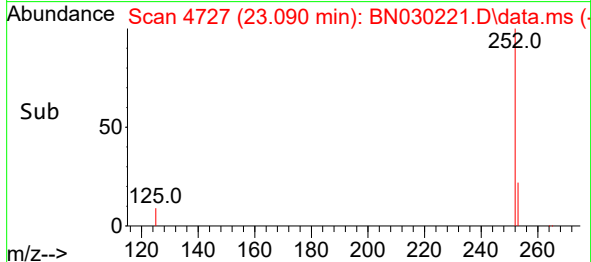
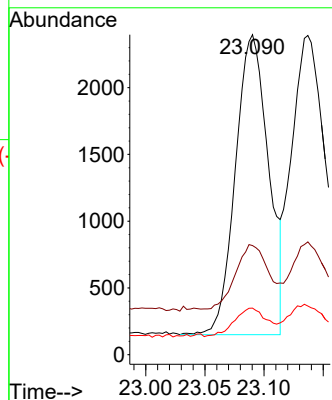
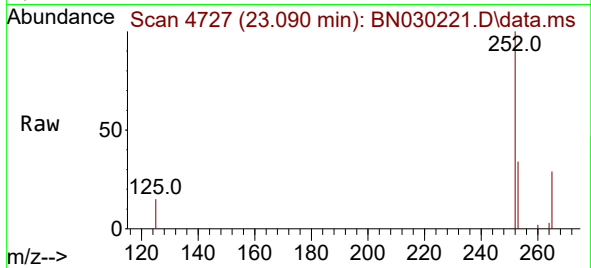




#24
Benzo(b)fluoranthene
Concen: 0.339 ng/ul
RT: 23.090 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BN030221.D
Acq: 03 Mar 2024 16:23

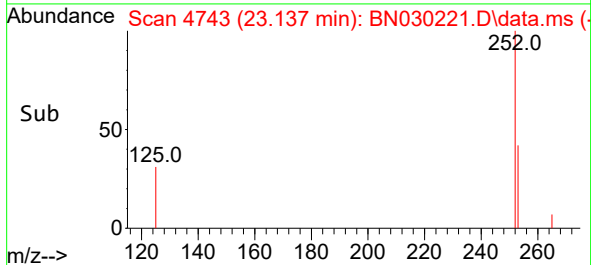
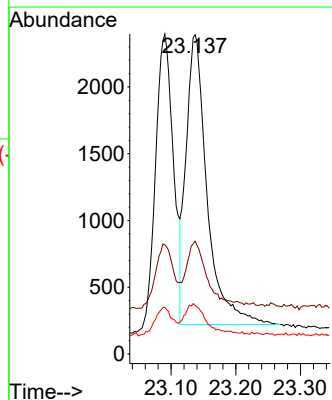
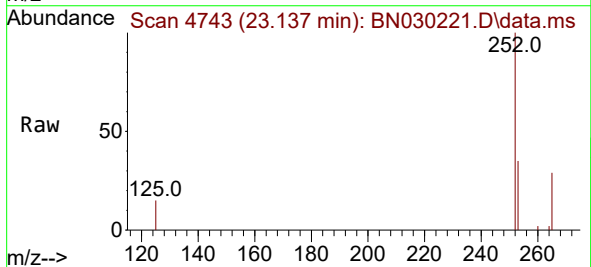
Instrument :
BNA_N
ClientSampleId :
SLCS243

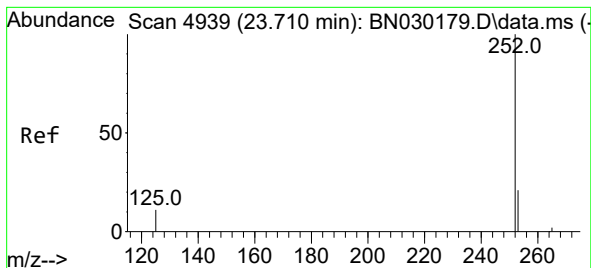
Tgt Ion:252 Resp: 4373
Ion Ratio Lower Upper
252 100
253 34.1 0.0 69.4
125 14.6 0.0 32.8



#25
Benzo(k)fluoranthene
Concen: 0.324 ng/ul
RT: 23.137 min Scan# 4743
Delta R.T. -0.006 min
Lab File: BN030221.D
Acq: 03 Mar 2024 16:23

Tgt Ion:252 Resp: 4921
Ion Ratio Lower Upper
252 100
253 35.3 28.0 42.0
125 15.2 14.4 21.6





#26

Benzo(a)pyrene

Concen: 0.338 ng/ul

RT: 23.701 min Scan# 4936

Delta R.T. -0.009 min

Lab File: BN030221.D

Acq: 03 Mar 2024 16:23

Instrument :

BNA_N

ClientSampleId :

SLCS243

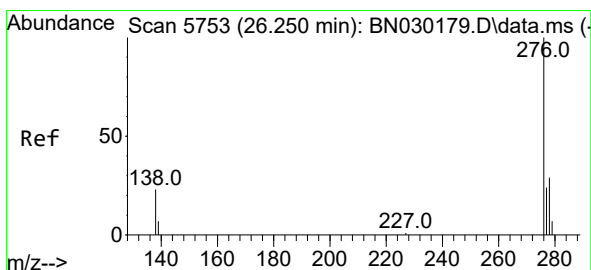
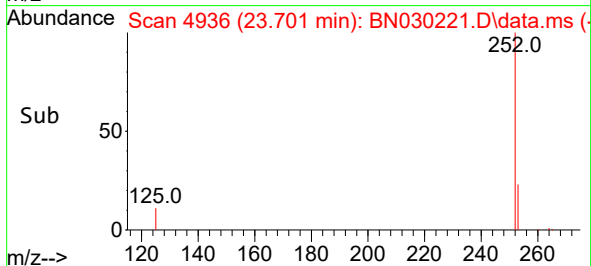
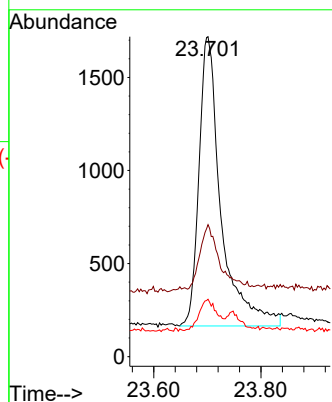
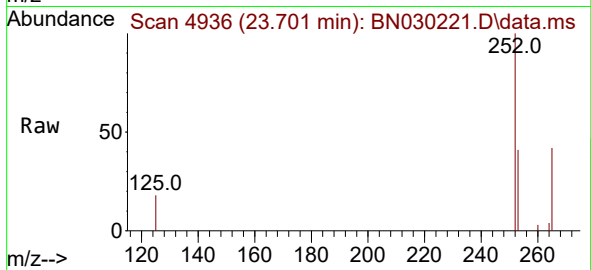
Tgt Ion:252 Resp: 4434

Ion Ratio Lower Upper

252 100

253 41.2 33.0 49.4

125 17.9 16.9 25.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.353 ng/ul

RT: 26.236 min Scan# 5749

Delta R.T. -0.013 min

Lab File: BN030221.D

Acq: 03 Mar 2024 16:23

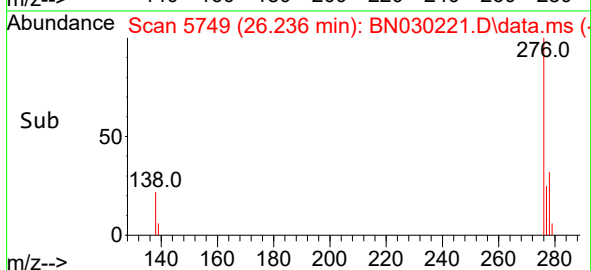
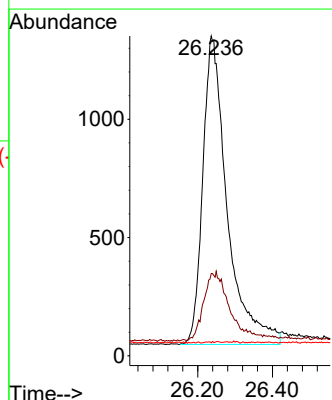
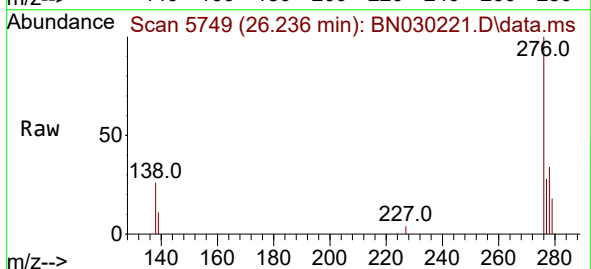
Tgt Ion:276 Resp: 5913

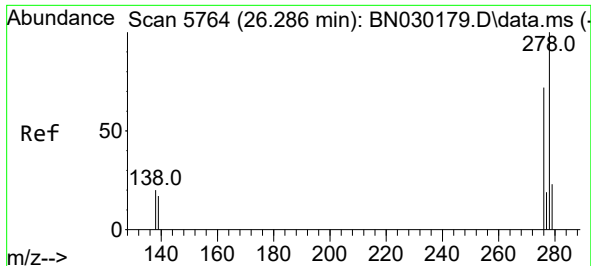
Ion Ratio Lower Upper

276 100

138 0.0 20.9 31.3#

227 0.0 0.1 0.1#

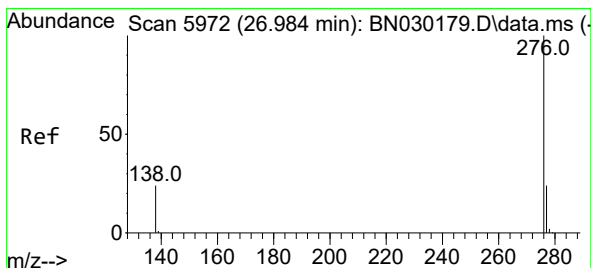
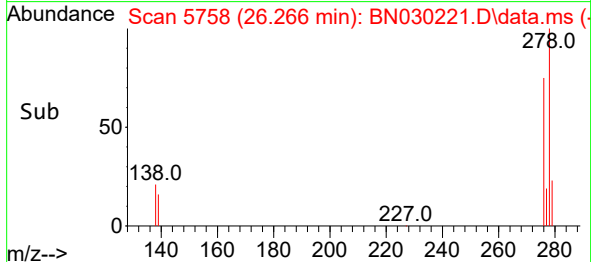
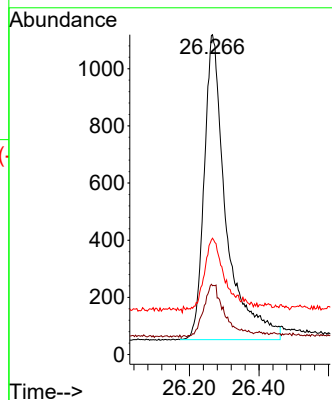
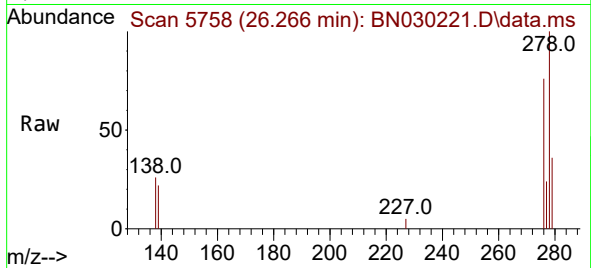




#28
Dibenzo(a,h)anthracene
Concen: 0.361 ng/ul
RT: 26.266 min Scan# 51
Delta R.T. -0.020 min
Lab File: BN030221.D
Acq: 03 Mar 2024 16:23

Instrument :
BNA_N
ClientSampleId :
SLCS243

Tgt Ion:278 Resp: 4679
Ion Ratio Lower Upper
278 100
139 21.5 18.9 28.3
279 36.4 31.8 47.6



#29
Benzo(g,h,i)perylene
Concen: 0.338 ng/ul
RT: 26.977 min Scan# 5970
Delta R.T. -0.007 min
Lab File: BN030221.D
Acq: 03 Mar 2024 16:23

Tgt Ion:276 Resp: 5255
Ion Ratio Lower Upper
276 100
138 24.0 22.6 33.8
277 27.0 21.9 32.9

