

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030222.D
 Acq On : 03 Mar 2024 16:59
 Operator : MA/JU
 Sample : PB159246BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS246

Quant Time: Mar 03 22:54:01 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)

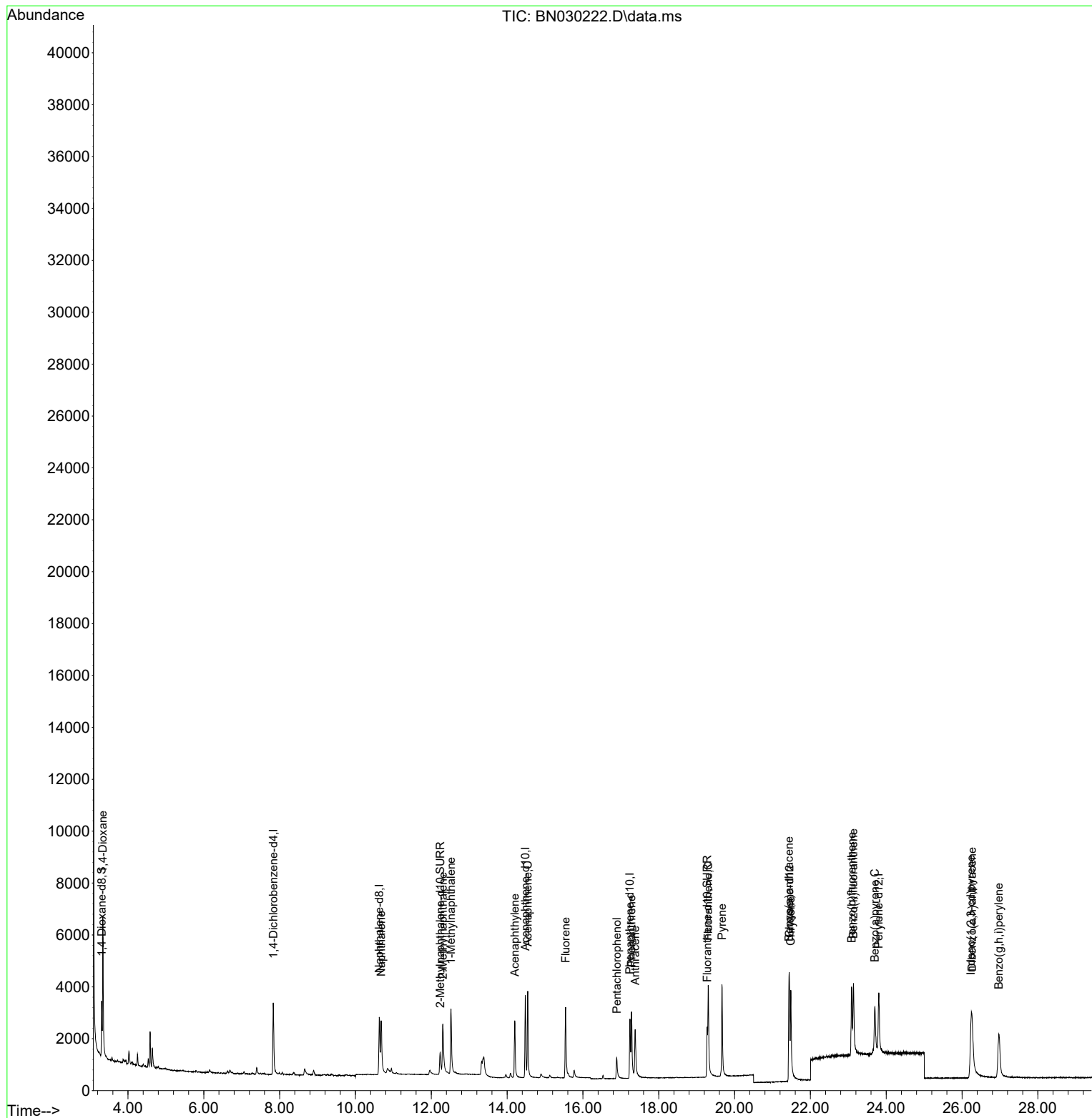
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	1778	0.400	ng/ul	0.00
4) Naphthalene-d8	10.628	136	4419	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.479	164	2082	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.239	188	3702	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	3143	0.400	ng/ul	# 0.00
23) Perylene-d12	23.803	264	3707	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1400	0.569	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	1700	0.298	ng/ul	0.00
18) Fluoranthene-d10	19.277	212	2981	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.336	88	3800	1.423	ng/ul#	87
5) Naphthalene	10.678	128	3626	0.278	ng/ul	98
7) 2-Methylnaphthalene	12.306	142	1981	0.280	ng/ul	100
8) 1-Methylnaphthalene	12.520	142	2125	0.284	ng/ul	99
10) Acenaphthylene	14.201	152	3233	0.278	ng/ul	98
11) Acenaphthene	14.544	153	2341	0.274	ng/ul	98
12) Fluorene	15.543	166	2397	0.275	ng/ul	98
14) Pentachlorophenol	16.893	266	810	0.767	ng/ul	98
15) Phenanthrene	17.281	178	3392	0.273	ng/ul	99
16) Anthracene	17.378	178	3091	0.283	ng/ul	99
19) Fluoranthene	19.305	202	3862	0.277	ng/ul	99
20) Pyrene	19.667	202	4141	0.273	ng/ul	97
21) Benzo(a)anthracene	21.432	228	3271	0.294	ng/ul	99
22) Chrysene	21.482	228	3791	0.284	ng/ul	98
24) Benzo(b)fluoranthene	23.087	252	4023	0.281	ng/ul	98
25) Benzo(k)fluoranthene	23.136	252	4511	0.268	ng/ul	97
26) Benzo(a)pyrene	23.701	252	4127	0.284	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.236	276	5414	0.291	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.262	278	4300	0.299	ng/ul	97
29) Benzo(g,h,i)perylene	26.970	276	4896	0.284	ng/ul#	94

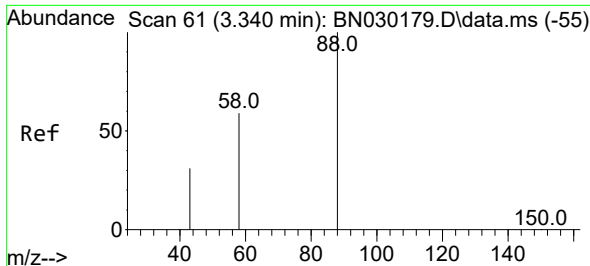
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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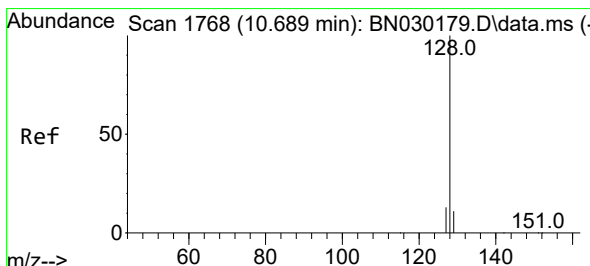
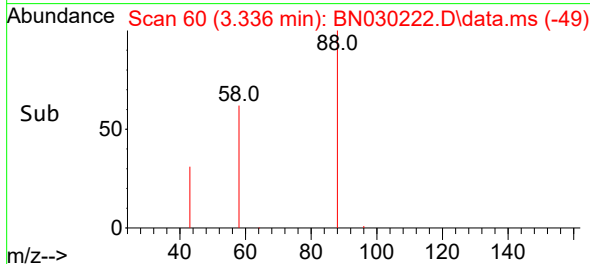
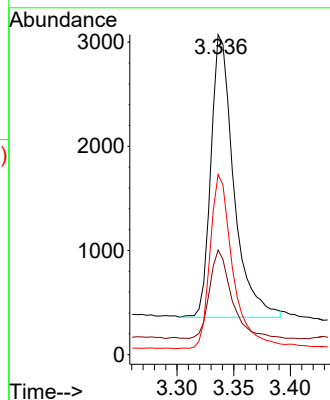
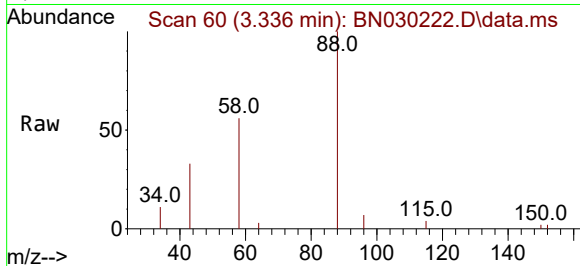




#2
1,4-Dioxane
Concen: 1.423 ng/ul
RT: 3.336 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN030222.D
Acq: 03 Mar 2024 16:59

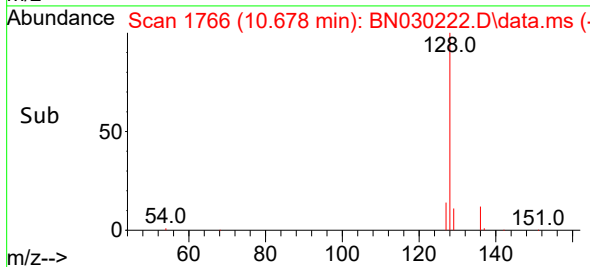
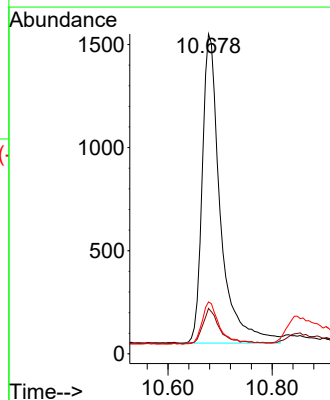
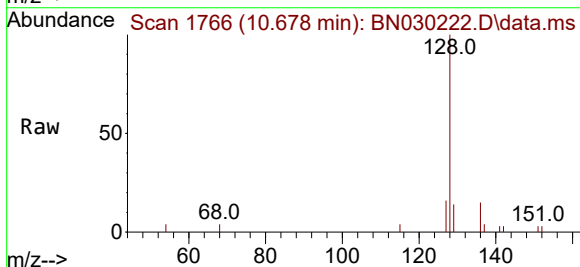
Instrument :
BNA_N
ClientSampleId :
SLCS246

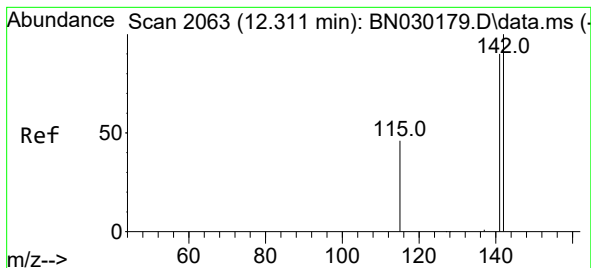
Tgt Ion: 88 Resp: 3800
Ion Ratio Lower Upper
88 100
43 32.7 25.7 38.5
58 56.3 33.8 50.8#



#5
Naphthalene
Concen: 0.278 ng/ul
RT: 10.678 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BN030222.D
Acq: 03 Mar 2024 16:59

Tgt Ion:128 Resp: 3626
Ion Ratio Lower Upper
128 100
129 14.2 11.0 16.4
127 16.2 12.3 18.5

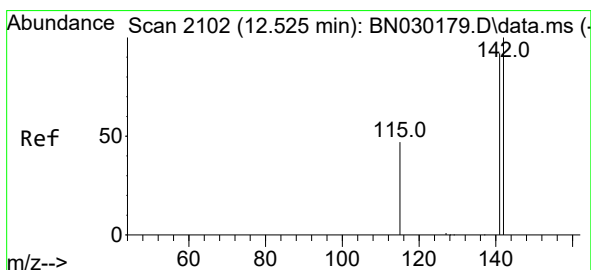
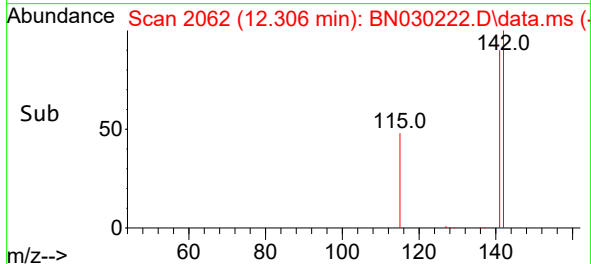
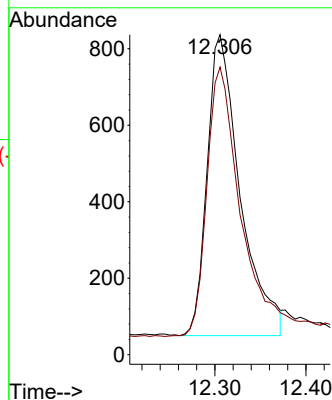
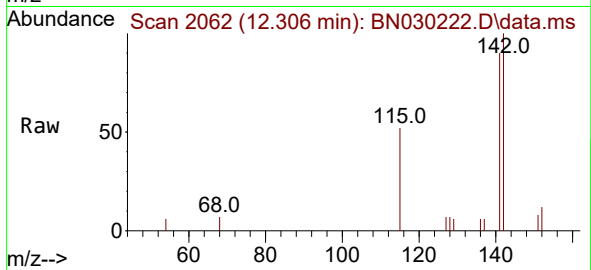




#7
2-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. -0.005 min
Lab File: BN030222.D
Acq: 03 Mar 2024 16:59

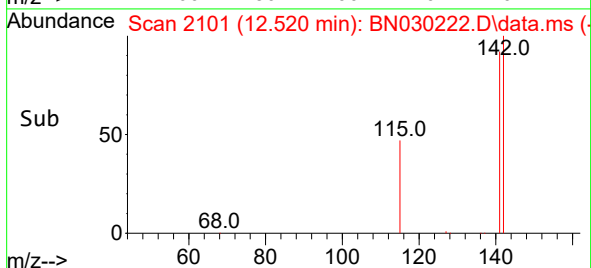
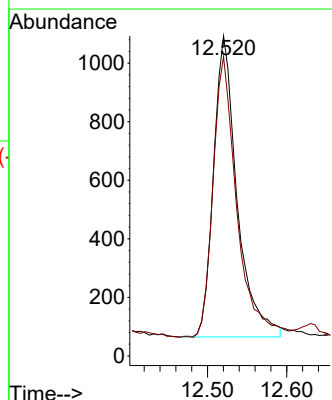
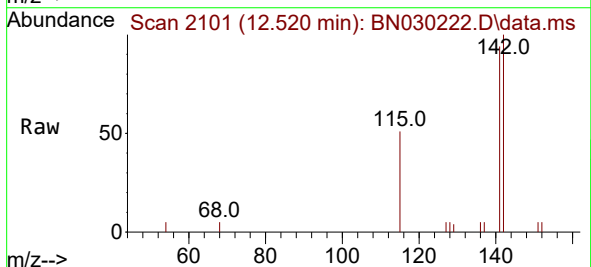
Instrument :
BNA_N
ClientSampleId :
SLCS246

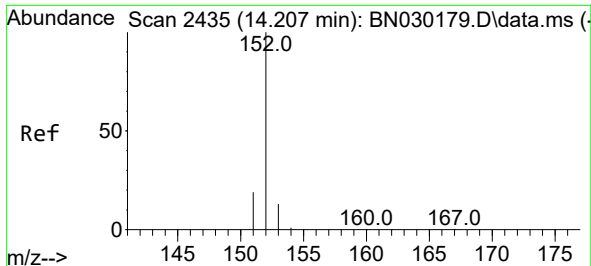
Tgt Ion:142 Resp: 1981
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.284 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN030222.D
Acq: 03 Mar 2024 16:59

Tgt Ion:142 Resp: 2125
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.2

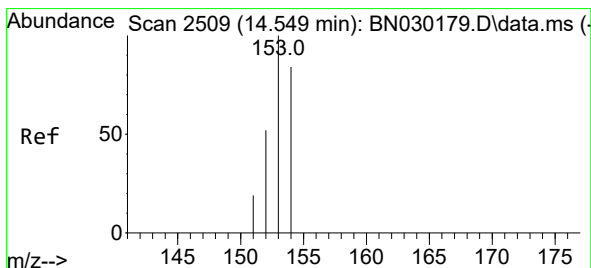
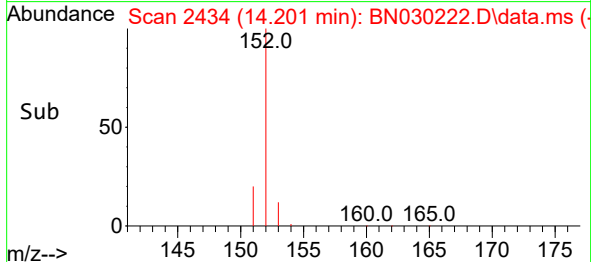
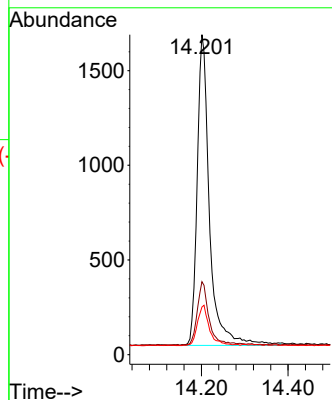
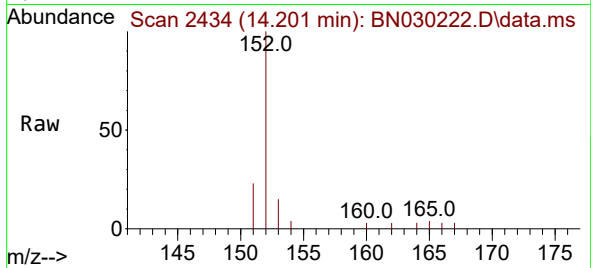




#10
Acenaphthylene
Concen: 0.278 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. -0.005 min
Lab File: BN030222.D
Acq: 03 Mar 2024 16:59

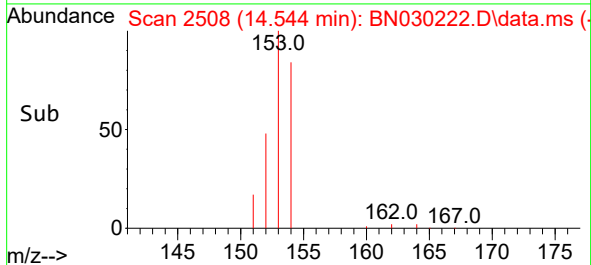
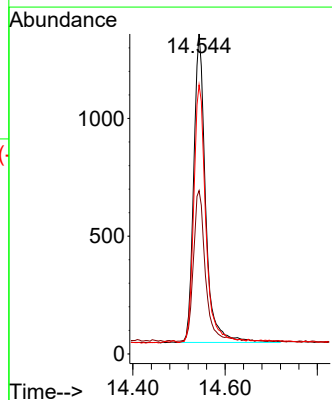
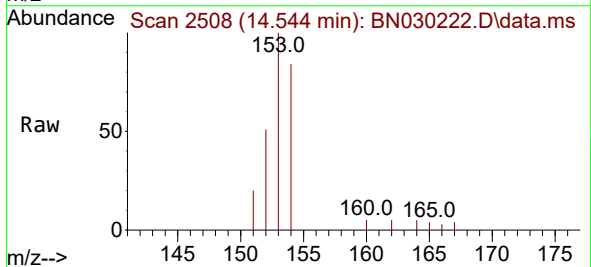
Instrument :
BNA_N
ClientSampleId :
SLCS246

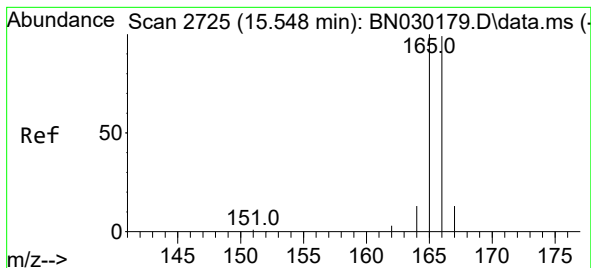
Tgt Ion:152 Resp: 3233
Ion Ratio Lower Upper
152 100
151 22.8 16.9 25.3
153 14.9 11.8 17.6



#11
Acenaphthene
Concen: 0.274 ng/ul
RT: 14.544 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN030222.D
Acq: 03 Mar 2024 16:59

Tgt Ion:153 Resp: 2341
Ion Ratio Lower Upper
153 100
152 51.1 43.2 64.8
154 84.1 67.5 101.3





#12

Fluorene

Concen: 0.275 ng/ul

RT: 15.543 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN030222.D

Acq: 03 Mar 2024 16:59

Instrument :

BNA_N

ClientSampleId :

SLCS246

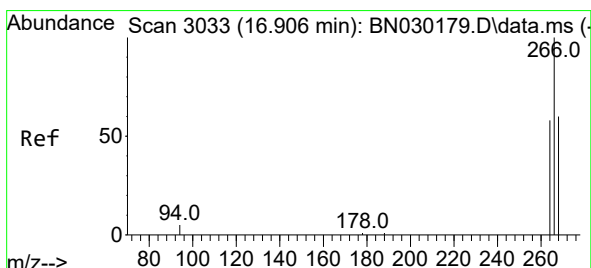
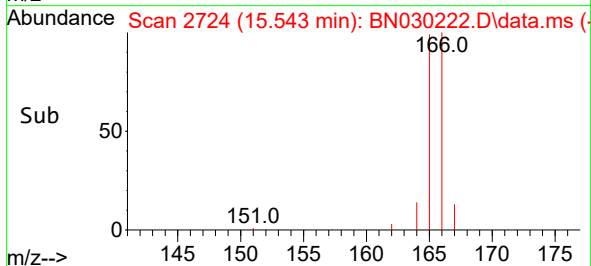
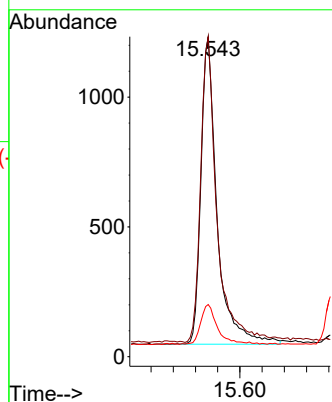
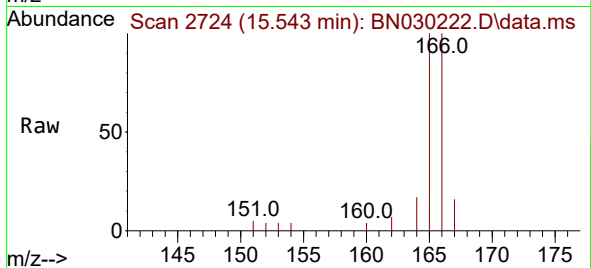
Tgt Ion:166 Resp: 2397

Ion Ratio Lower Upper

166 100

165 100.2 81.8 122.6

167 16.3 13.0 19.4



#14

Pentachlorophenol

Concen: 0.767 ng/ul

RT: 16.893 min Scan# 3030

Delta R.T. -0.013 min

Lab File: BN030222.D

Acq: 03 Mar 2024 16:59

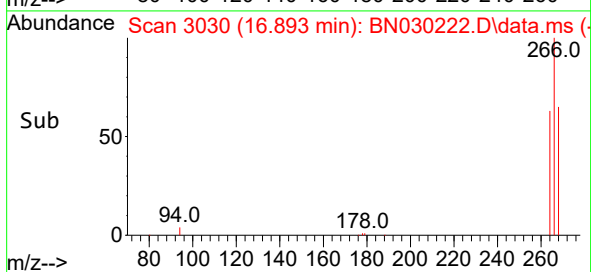
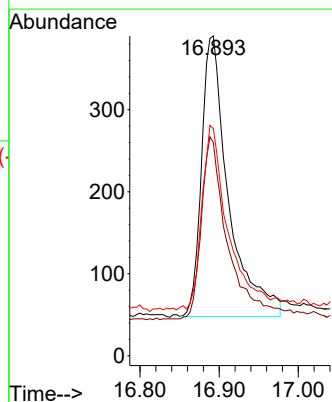
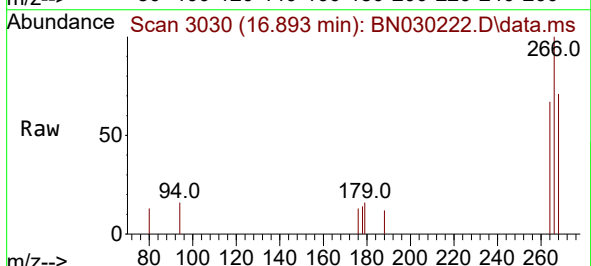
Tgt Ion:266 Resp: 810

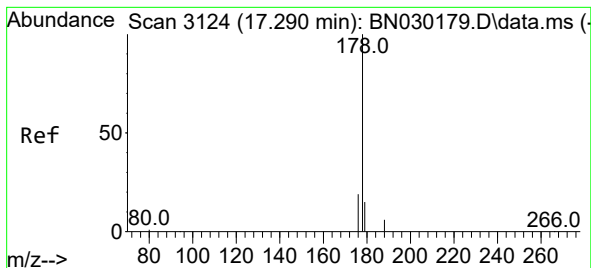
Ion Ratio Lower Upper

266 100

264 63.1 49.8 74.8

268 64.9 53.4 80.2





#15

Phenanthrene

Concen: 0.273 ng/ul

RT: 17.281 min Scan# 3122

Delta R.T. -0.009 min

Lab File: BN030222.D

Acq: 03 Mar 2024 16:59

Instrument :

BNA_N

ClientSampleId :

SLCS246

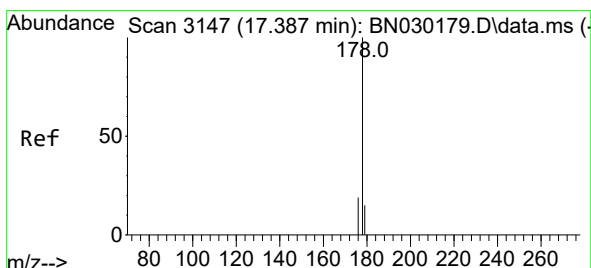
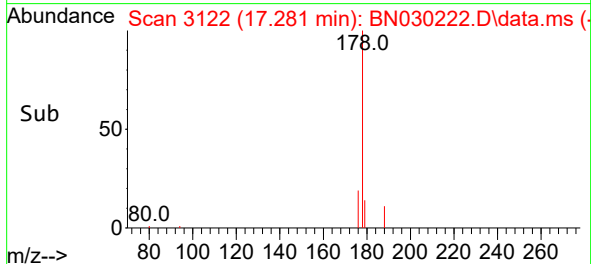
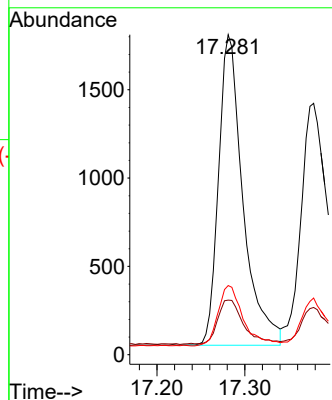
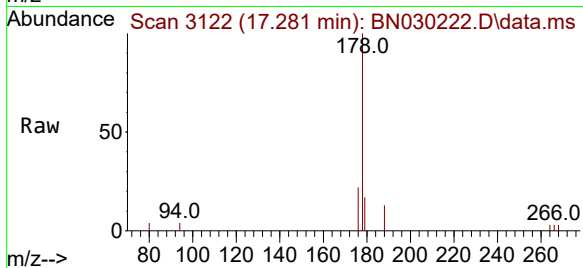
Tgt Ion:178 Resp: 3392

Ion Ratio Lower Upper

178 100

179 17.1 13.8 20.8

176 21.6 16.6 25.0



#16

Anthracene

Concen: 0.283 ng/ul

RT: 17.378 min Scan# 3145

Delta R.T. -0.009 min

Lab File: BN030222.D

Acq: 03 Mar 2024 16:59

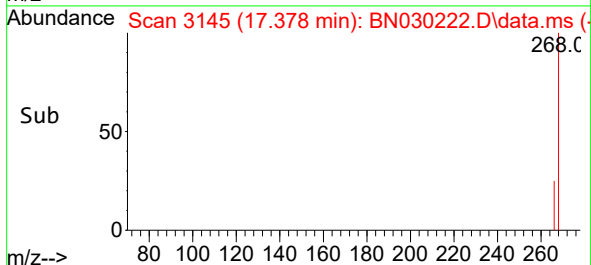
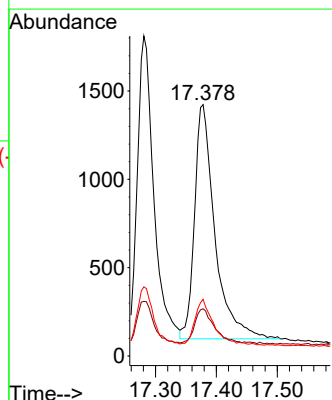
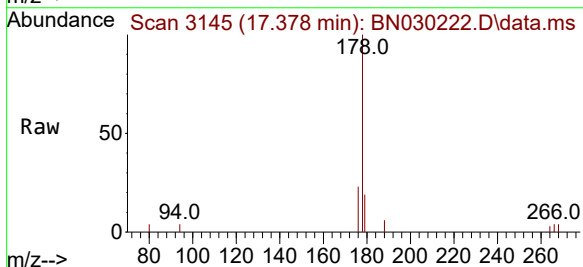
Tgt Ion:178 Resp: 3091

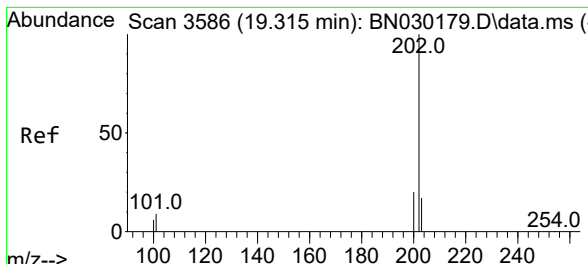
Ion Ratio Lower Upper

178 100

179 18.8 14.8 22.2

176 22.6 17.8 26.6

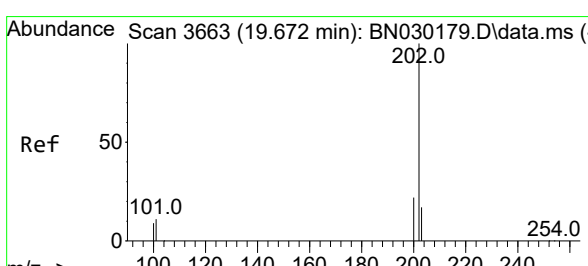
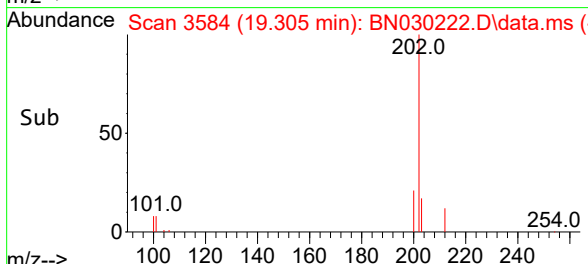
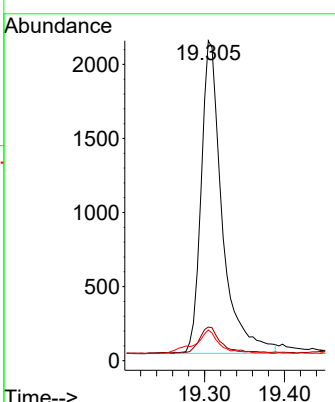
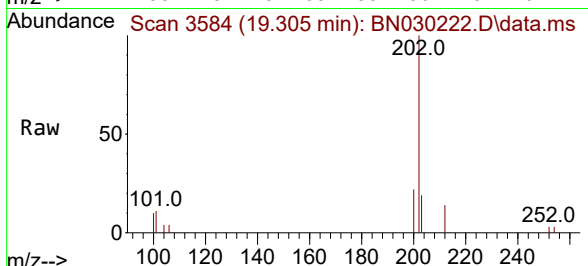




#19
 Fluoranthene
 Concen: 0.277 ng/ul
 RT: 19.305 min Scan# 3584
 Delta R.T. -0.010 min
 Lab File: BN030222.D
 Acq: 03 Mar 2024 16:59

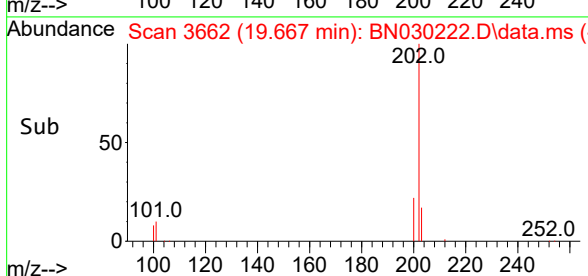
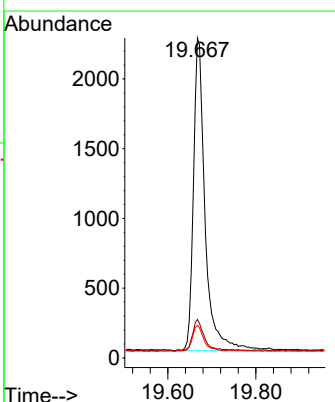
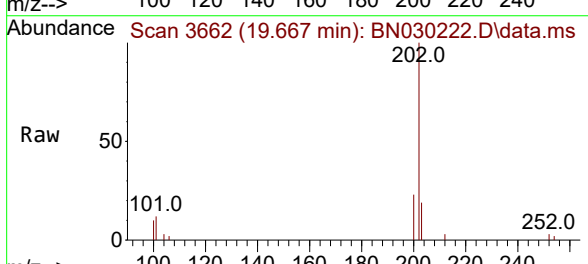
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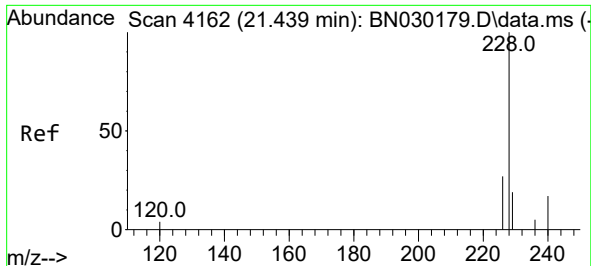
Tgt Ion:	202	Resp:	3862
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.8	13.2
100	9.6	7.4	11.2



#20
 Pyrene
 Concen: 0.273 ng/ul
 RT: 19.667 min Scan# 3662
 Delta R.T. -0.005 min
 Lab File: BN030222.D
 Acq: 03 Mar 2024 16:59

Tgt Ion:	202	Resp:	4141
Ion Ratio	Lower	Upper	
202	100		
101	12.0	10.6	15.8
100	10.2	8.8	13.2

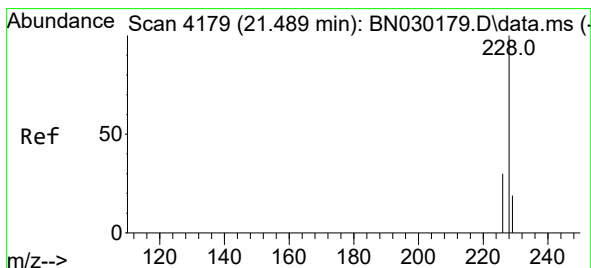
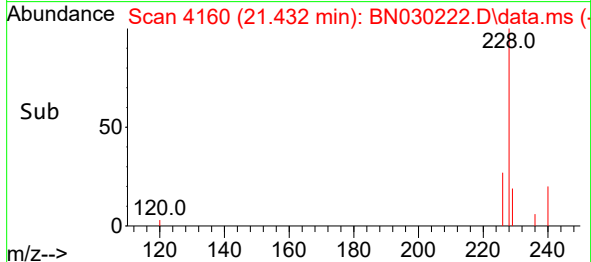
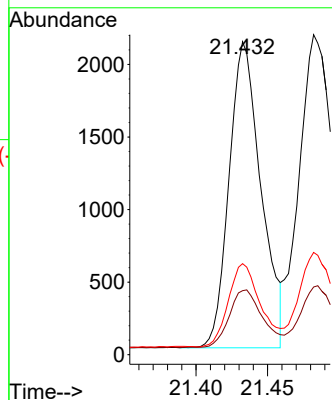
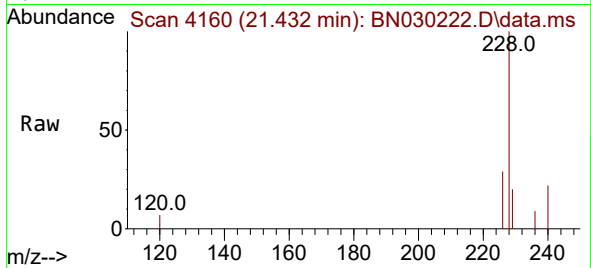




#21
Benzo(a)anthracene
Concen: 0.294 ng/ul
RT: 21.432 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BN030222.D
Acq: 03 Mar 2024 16:59

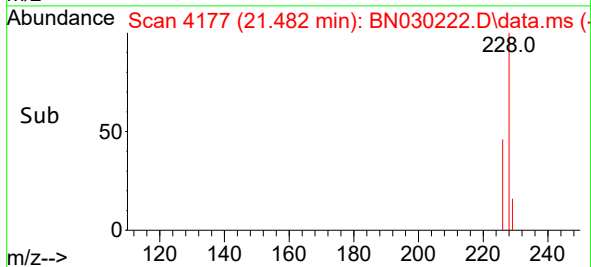
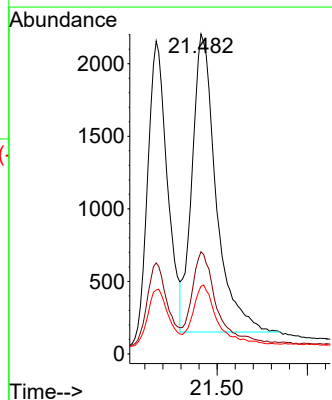
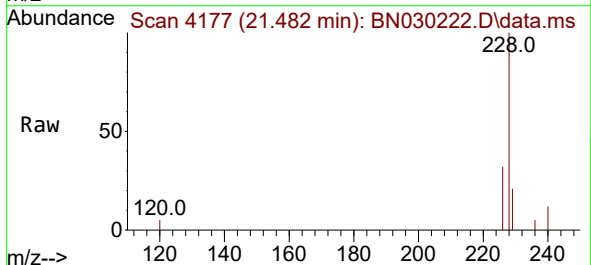
Instrument :
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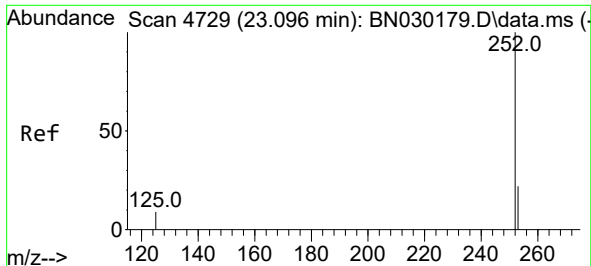
Tgt Ion:228	Resp:	3271
Ion Ratio	Lower	Upper
228	100	
229	20.5	16.6 24.8
226	29.1	23.7 35.5



#22
Chrysene
Concen: 0.284 ng/ul
RT: 21.482 min Scan# 4177
Delta R.T. -0.006 min
Lab File: BN030222.D
Acq: 03 Mar 2024 16:59

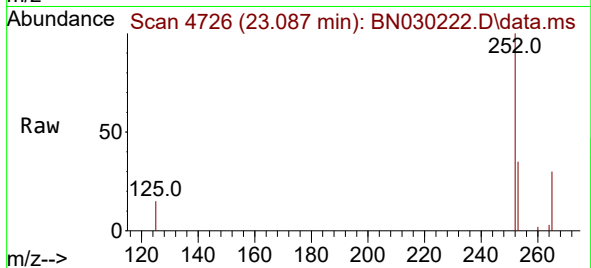
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Ion Ratio	Lower	Upper
228	100	
226	32.0	24.6 37.0
229	21.2	16.6 24.8



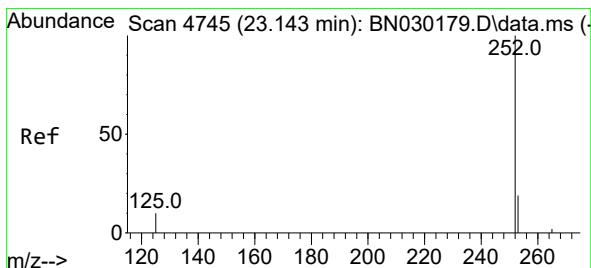
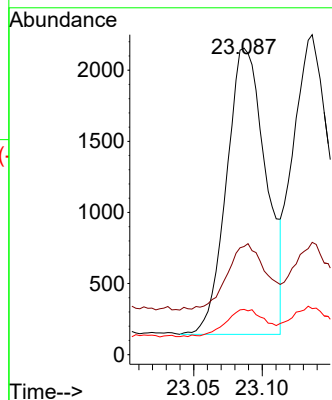


#24
Benzo(b)fluoranthene
Concen: 0.281 ng/ul
RT: 23.087 min Scan# 4726
Delta R.T. -0.009 min
Lab File: BN030222.D
Acq: 03 Mar 2024 16:59

Instrument :
BNA_N
ClientSampleId :
SLCS246

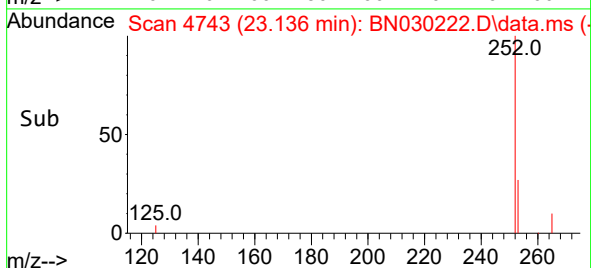
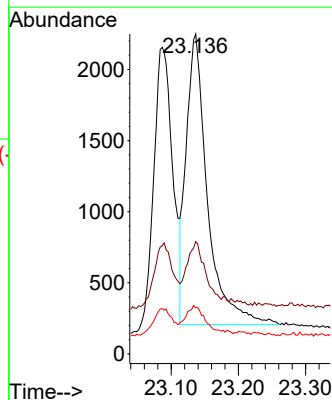
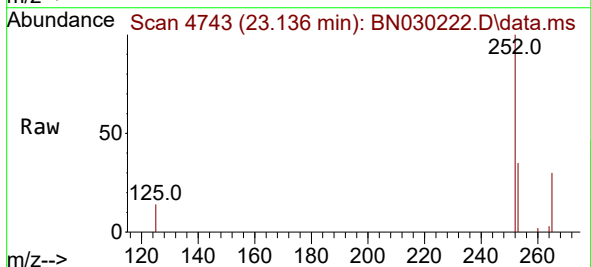


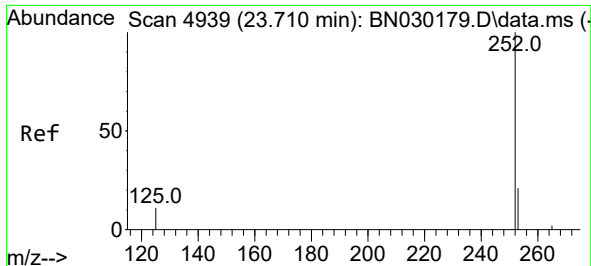
Tgt Ion:252 Resp: 4023
Ion Ratio Lower Upper
252 100
253 35.3 0.0 69.4
125 14.8 0.0 32.8



#25
Benzo(k)fluoranthene
Concen: 0.268 ng/ul
RT: 23.136 min Scan# 4743
Delta R.T. -0.006 min
Lab File: BN030222.D
Acq: 03 Mar 2024 16:59

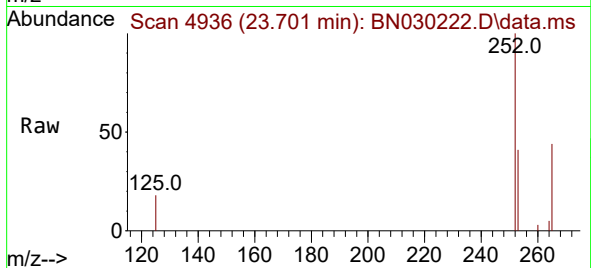
Tgt Ion:252 Resp: 4511
Ion Ratio Lower Upper
252 100
253 35.1 28.0 42.0
125 14.4 14.4 21.6



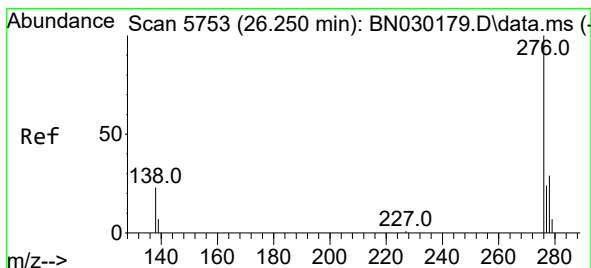
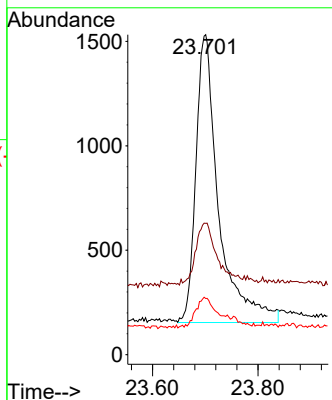


#26
Benzo(a)pyrene
Concen: 0.284 ng/ul
RT: 23.701 min Scan# 4936
Delta R.T. -0.009 min
Lab File: BN030222.D
Acq: 03 Mar 2024 16:59

Instrument :
BNA_N
ClientSampleId :
SLCS246

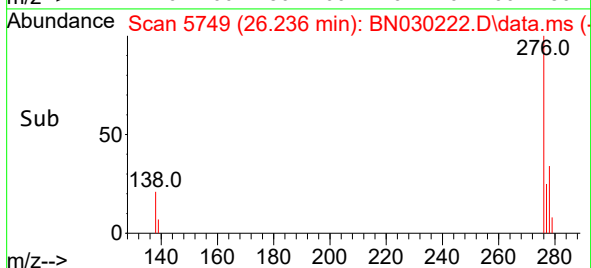
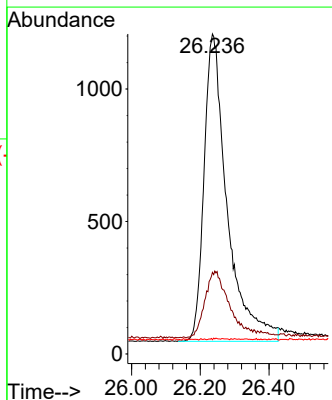
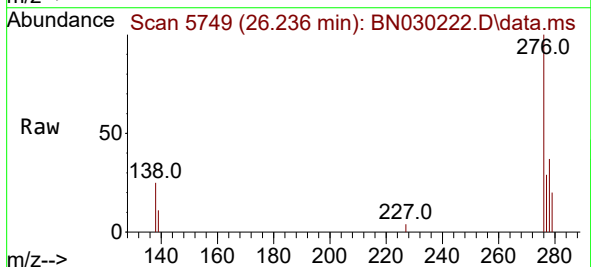


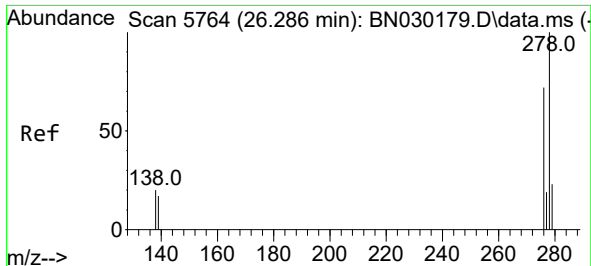
Tgt Ion:	252	Resp:	4127
Ion Ratio	Lower	Upper	
252	100		
253	41.1	33.0	49.4
125	17.6	16.9	25.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.291 ng/ul
RT: 26.236 min Scan# 5749
Delta R.T. -0.014 min
Lab File: BN030222.D
Acq: 03 Mar 2024 16:59

Tgt Ion:	276	Resp:	5414
Ion Ratio	Lower	Upper	
276	100		
138	24.1	20.9	31.3
227	0.1	0.1	0.1

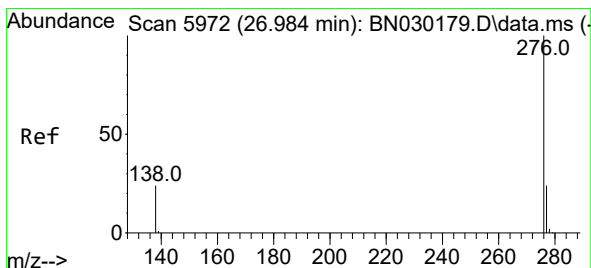
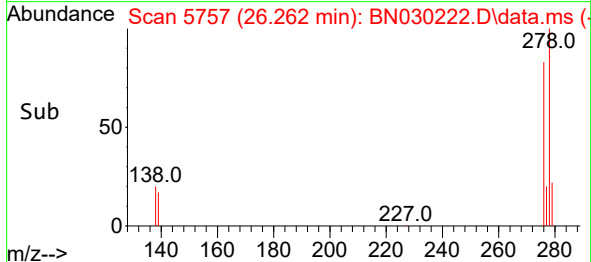
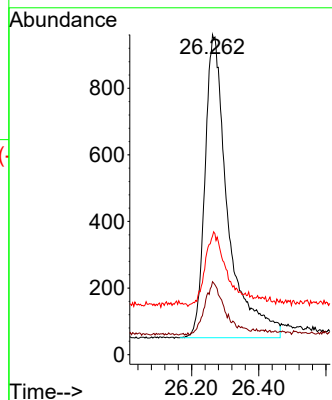
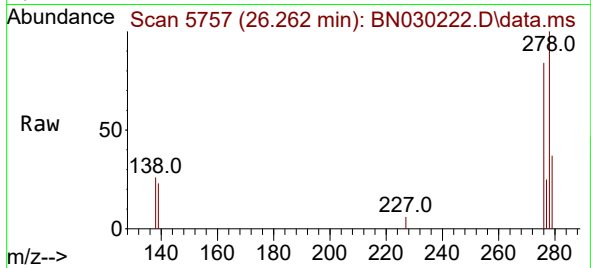




#28
Dibenzo(a,h)anthracene
Concen: 0.299 ng/ul
RT: 26.262 min Scan# 51
Delta R.T. -0.024 min
Lab File: BN030222.D
Acq: 03 Mar 2024 16:59

Instrument :
BNA_N
ClientSampleId :
SLCS246

Tgt Ion:278 Resp: 4300
Ion Ratio Lower Upper
278 100
139 22.8 18.9 28.3
279 37.0 31.8 47.6



#29
Benzo(g,h,i)perylene
Concen: 0.284 ng/ul
RT: 26.970 min Scan# 5968
Delta R.T. -0.014 min
Lab File: BN030222.D
Acq: 03 Mar 2024 16:59

Tgt Ion:276 Resp: 4896
Ion Ratio Lower Upper
276 100
138 22.5 22.6 33.8#
277 26.9 21.9 32.9

