

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028064.D
 Acq On : 06 Oct 2023 00:36
 Operator : MA/JU
 Sample : PB155952BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS952

Quant Time: Oct 06 04:26:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

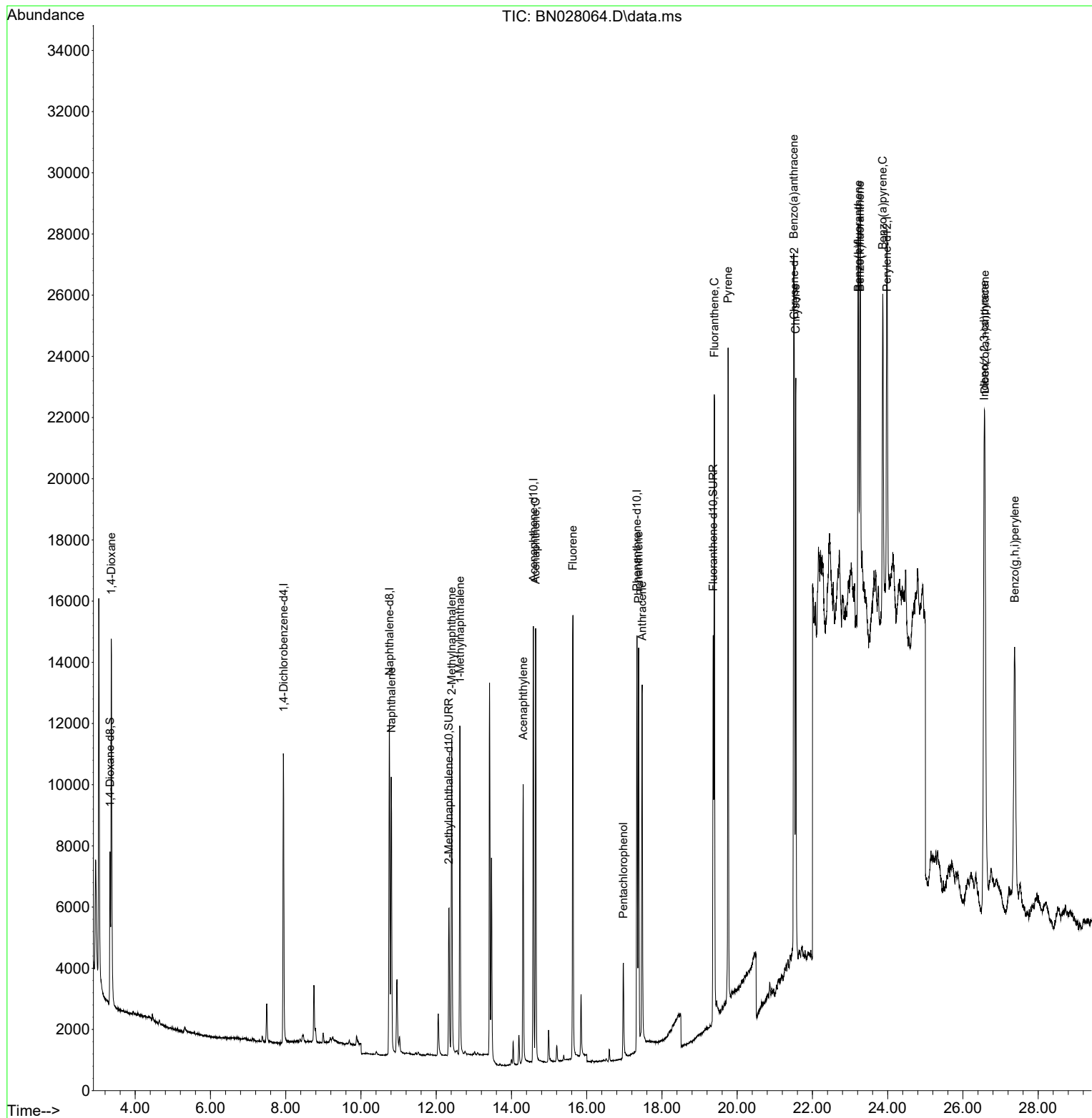
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	5272	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	15985	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.583	164	8386	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	16878	0.400	ng/ul	-0.01
17) Chrysene-d12	21.519	240	15316	0.400	ng/ul	#-0.02
23) Perylene-d12	23.980	264	17621	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3625	0.547	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	6945	0.270	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	14302	0.294	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	9435	1.346	ng/ul	90
5) Naphthalene	10.806	128	12966	0.286	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	7833	0.273	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	8033	0.271	ng/ul	99
10) Acenaphthylene	14.310	152	11085	0.291	ng/ul	99
11) Acenaphthene	14.643	153	8526	0.282	ng/ul	99
12) Fluorene	15.633	166	9459	0.281	ng/ul	98
14) Pentachlorophenol	16.974	266	2403	0.664	ng/ul	98
15) Phenanthrene	17.380	178	14443	0.287	ng/ul	97
16) Anthracene	17.473	178	14032	0.312	ng/ul	98
19) Fluoranthene	19.394	202	17648	0.302	ng/ul	100
20) Pyrene	19.757	202	18468	0.305	ng/ul	97
21) Benzo(a)anthracene	21.501	228	17575	0.314	ng/ul	95
22) Chrysene	21.557	228	17332	0.307	ng/ul#	94
24) Benzo(b)fluoranthene	23.217	252	18806	0.288	ng/ul#	34
25) Benzo(k)fluoranthene	23.267	252	19076	0.293	ng/ul#	34
26) Benzo(a)pyrene	23.869	252	17142	0.308	ng/ul#	22
27) Indeno(1,2,3-cd)pyrene	26.563	276	23502	0.349	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.583	278	19278	0.352	ng/ul#	53
29) Benzo(g,h,i)perylene	27.374	276	18640	0.338	ng/ul#	72

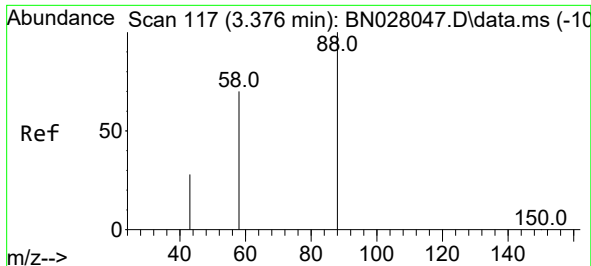
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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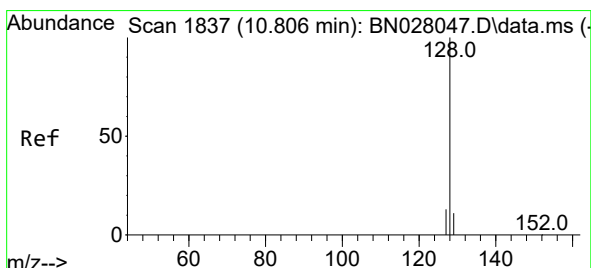
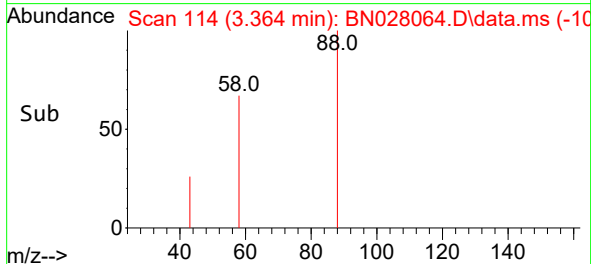
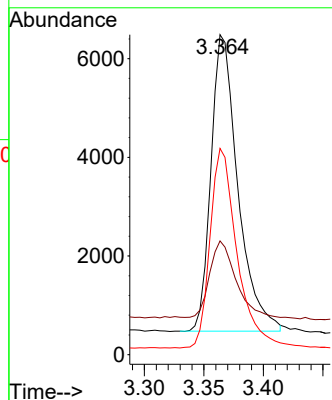
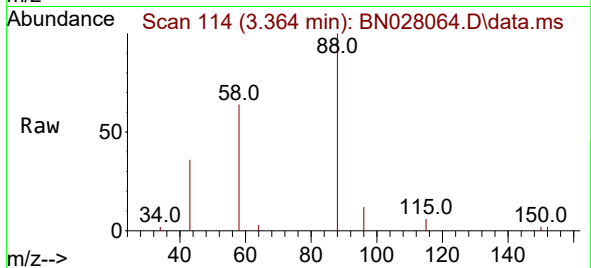




#2
1,4-Dioxane
Concen: 1.346 ng/ul
RT: 3.364 min Scan# 117
Delta R.T. -0.000 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

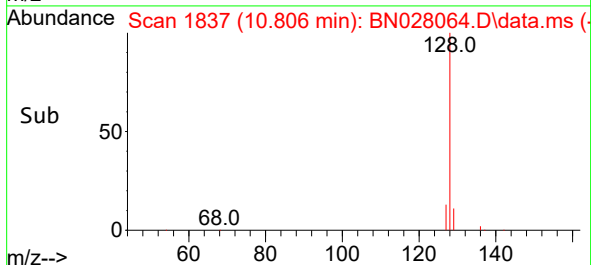
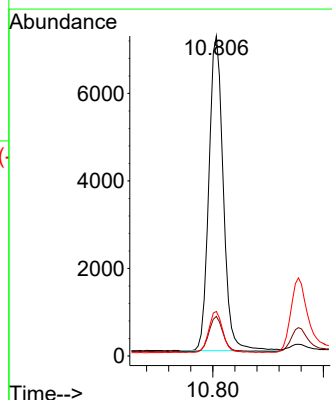
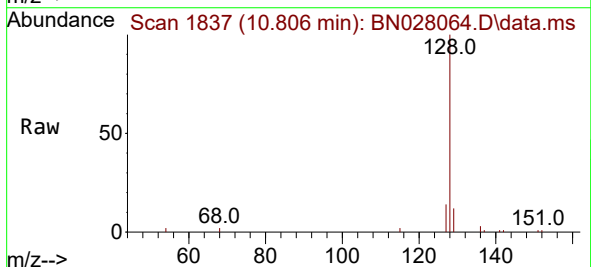
Instrument :
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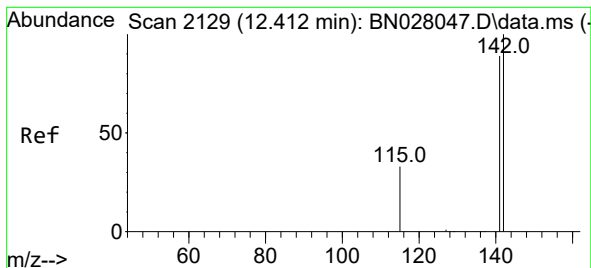
Tgt Ion: 88 Resp: 9435
Ion Ratio Lower Upper
88 100
43 35.5 33.4 50.2
58 64.5 45.7 68.5



#5
Naphthalene
Concen: 0.286 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion: 128 Resp: 12966
Ion Ratio Lower Upper
128 100
129 12.3 9.4 14.0
127 13.9 11.0 16.4

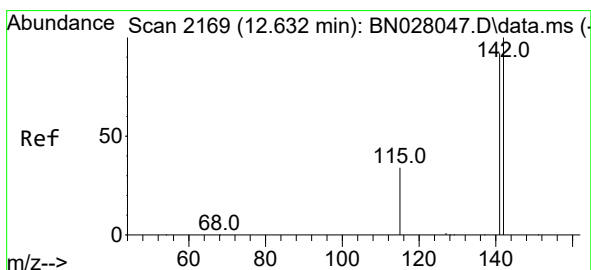
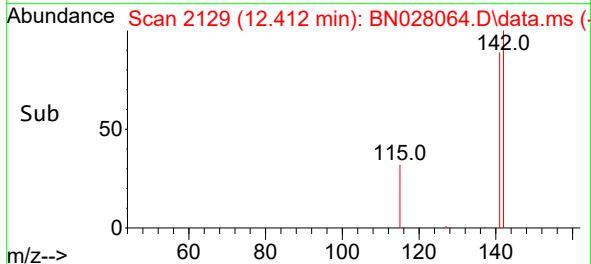
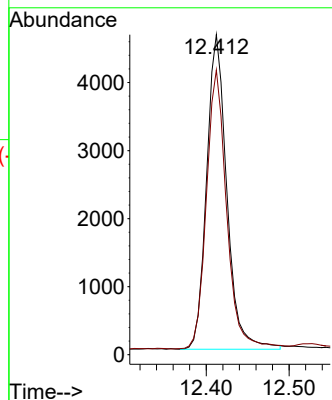
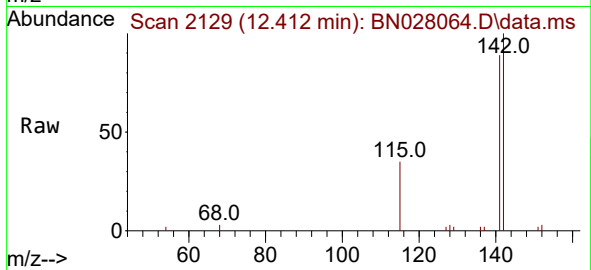




#7
2-Methylnaphthalene
Concen: 0.273 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

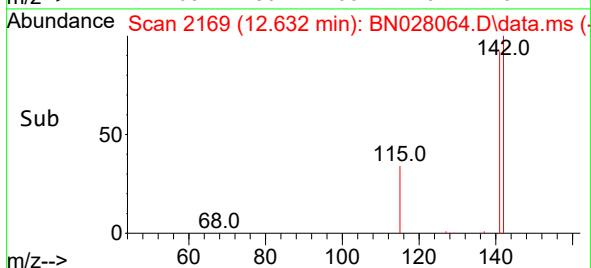
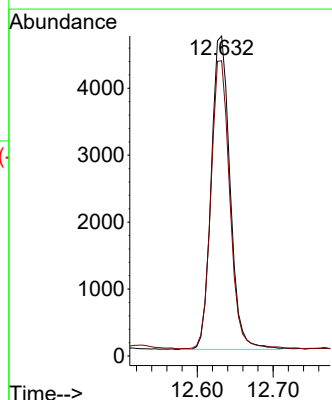
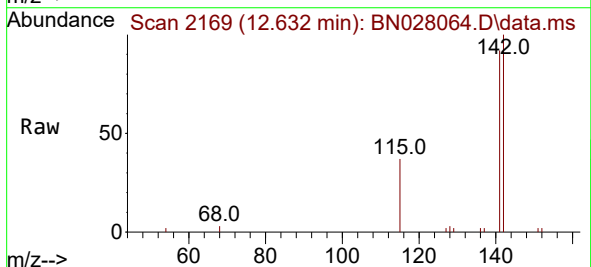
Instrument :
BNA_N
ClientSampleId :
SLCS952

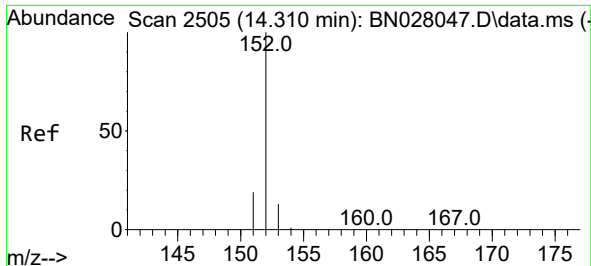
Tgt Ion:142 Resp: 7833
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. -0.011 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:142 Resp: 8033
Ion Ratio Lower Upper
142 100
141 92.1 74.4 111.6

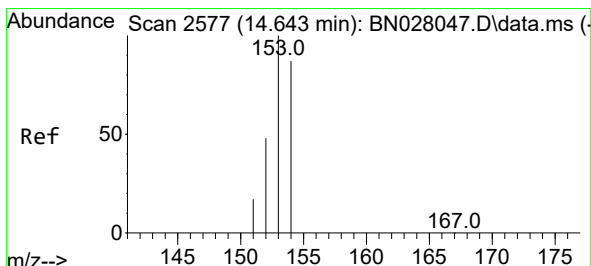
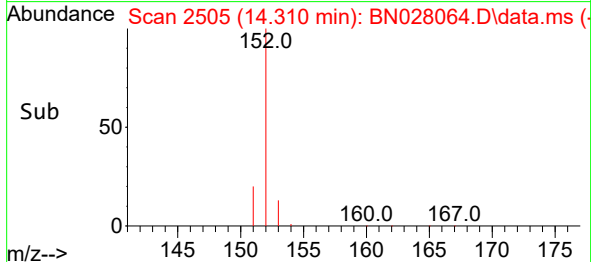
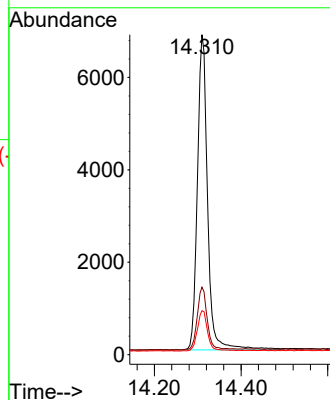
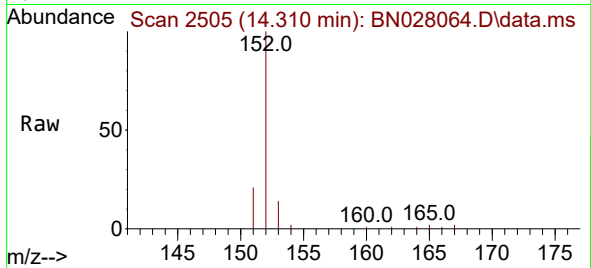




#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

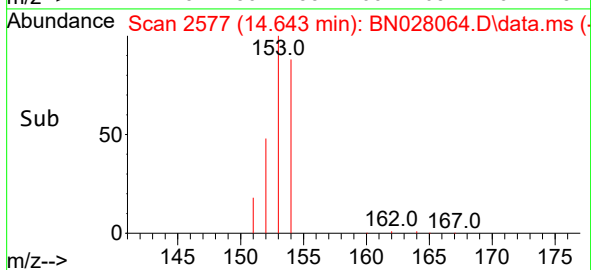
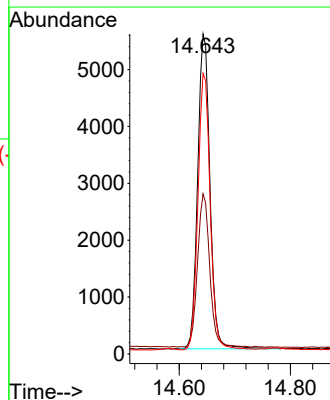
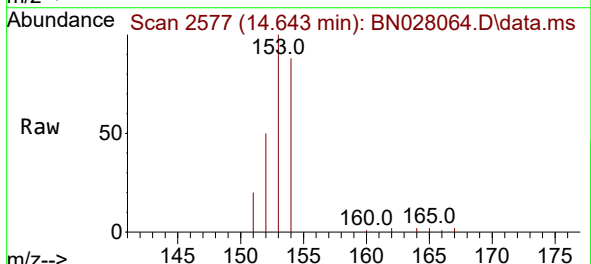
Instrument :
BNA_N
ClientSampleId :
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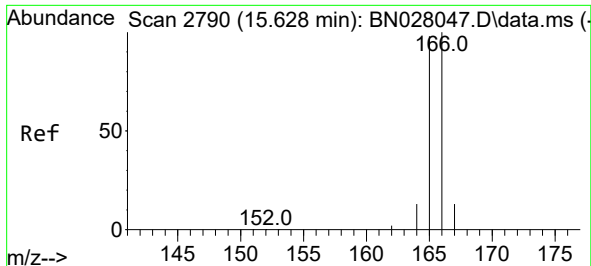
Tgt Ion:152 Resp: 11085
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.282 ng/ul
RT: 14.643 min Scan# 2577
Delta R.T. -0.014 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:153 Resp: 8526
Ion Ratio Lower Upper
153 100
152 50.0 39.4 59.0
154 87.7 70.2 105.4

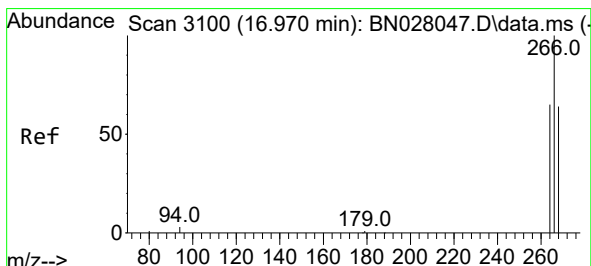
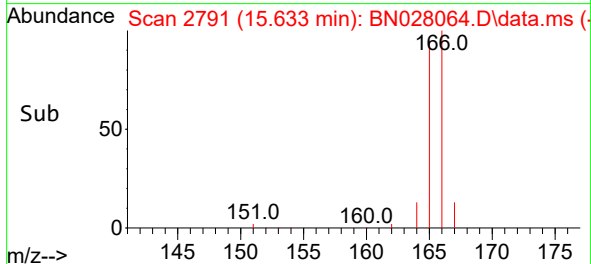
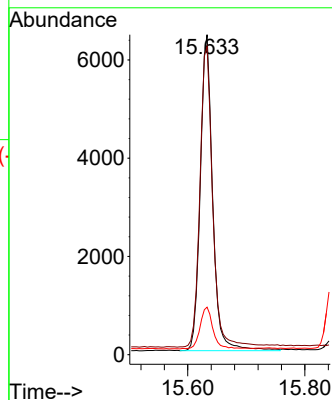
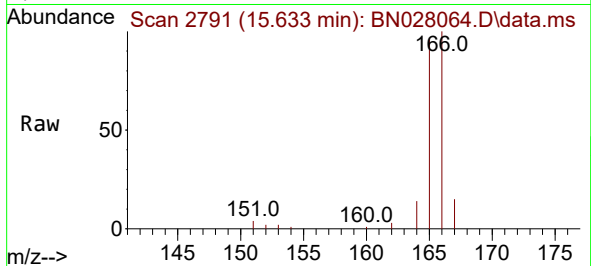




#12
Fluorene
Concen: 0.281 ng/ul
RT: 15.633 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

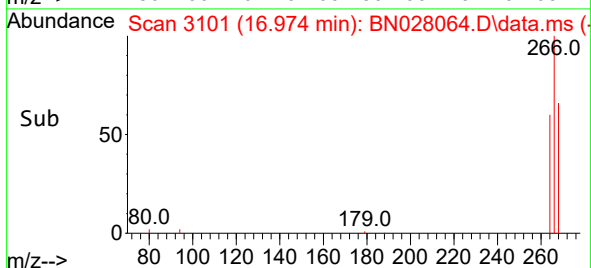
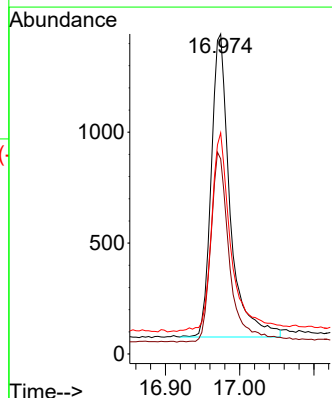
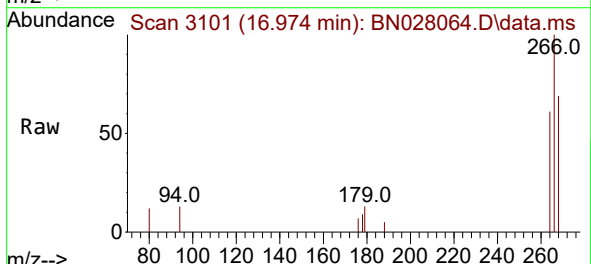
Instrument :
BNA_N
ClientSampleId :
SLCS952

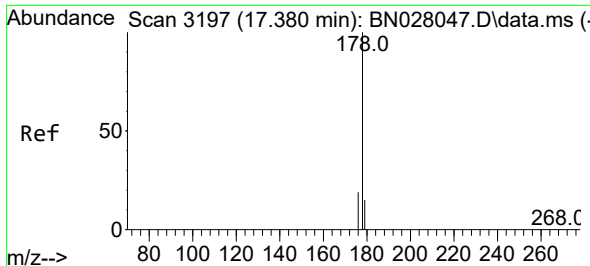
Tgt Ion:166 Resp: 9459
Ion Ratio Lower Upper
166 100
165 96.2 78.5 117.7
167 14.8 11.2 16.8



#14
Pentachlorophenol
Concen: 0.664 ng/ul
RT: 16.974 min Scan# 3101
Delta R.T. -0.012 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:266 Resp: 2403
Ion Ratio Lower Upper
266 100
264 62.0 49.6 74.4
268 68.3 52.2 78.4

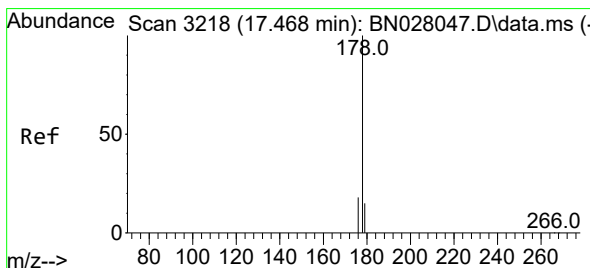
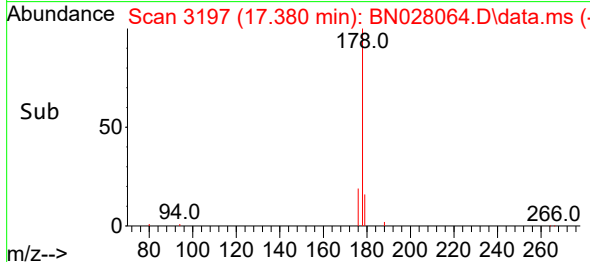
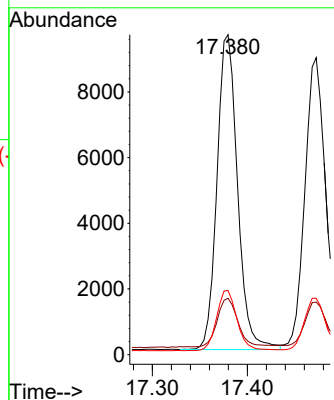
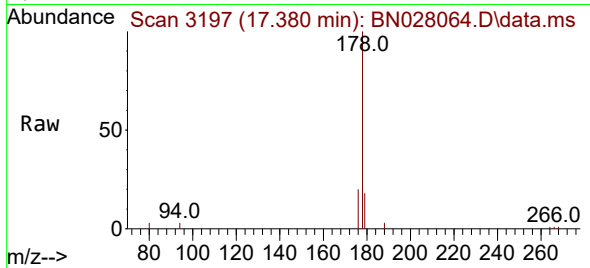




#15
Phenanthrene
Concen: 0.287 ng/ul
RT: 17.380 min Scan# 3197
Delta R.T. -0.008 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

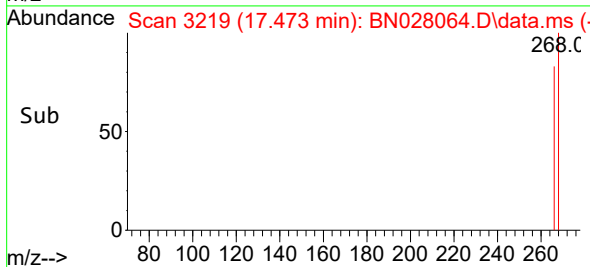
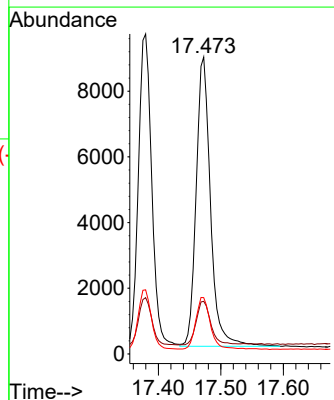
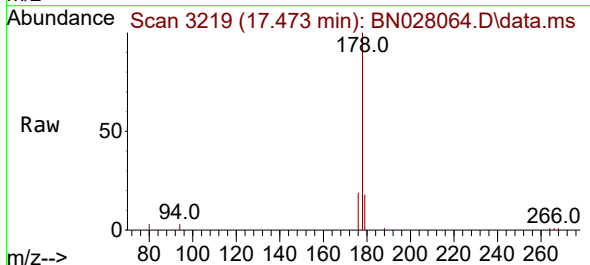
Instrument :
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ClientSampleId :
SLCS952

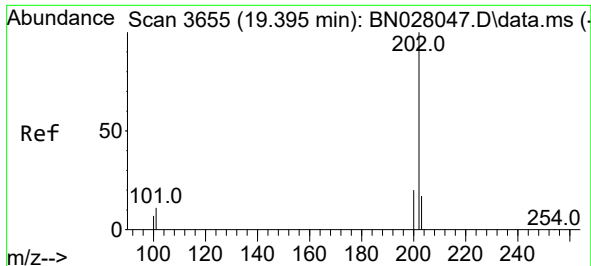
Tgt Ion:178 Resp: 14443
Ion Ratio Lower Upper
178 100
179 17.6 12.6 19.0
176 20.1 15.5 23.3



#16
Anthracene
Concen: 0.312 ng/ul
RT: 17.473 min Scan# 3219
Delta R.T. -0.008 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:178 Resp: 14032
Ion Ratio Lower Upper
178 100
179 17.7 12.8 19.2
176 19.0 15.0 22.6

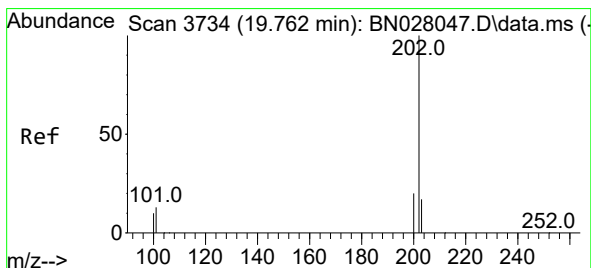
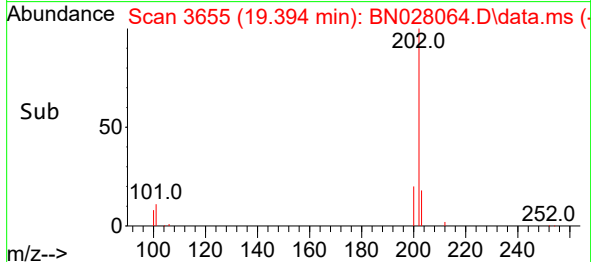
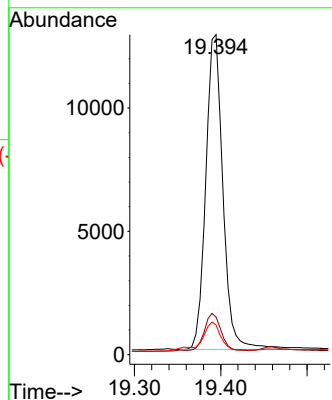
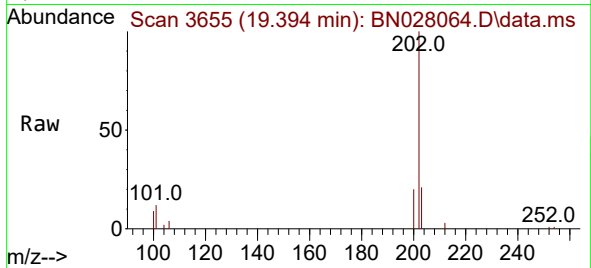




#19
Fluoranthene
Concen: 0.302 ng/ul
RT: 19.394 min Scan# 3655
Delta R.T. -0.009 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

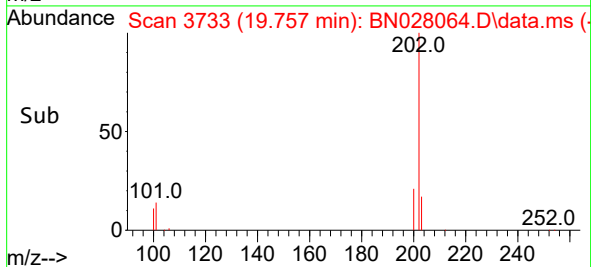
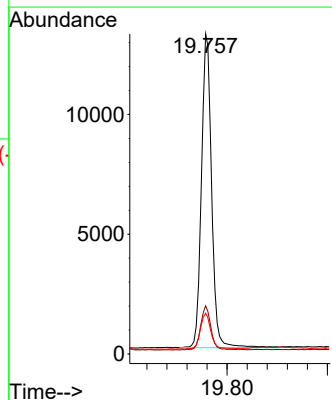
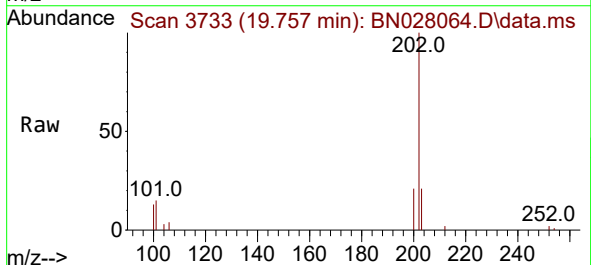
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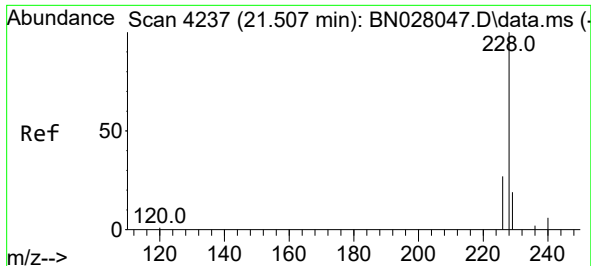
Tgt Ion:202 Resp: 17648
Ion Ratio Lower Upper
202 100
101 11.8 9.6 14.4
100 9.3 7.4 11.0



#20
Pyrene
Concen: 0.305 ng/ul
RT: 19.757 min Scan# 3733
Delta R.T. -0.014 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

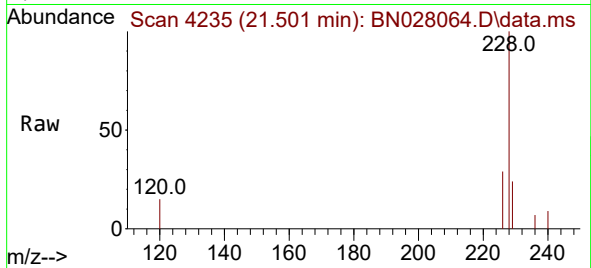
Tgt Ion:202 Resp: 18468
Ion Ratio Lower Upper
202 100
101 15.0 11.2 16.8
100 12.7 9.1 13.7



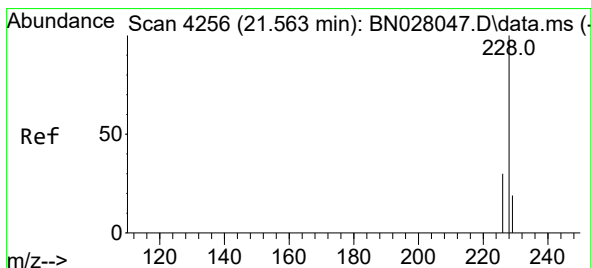
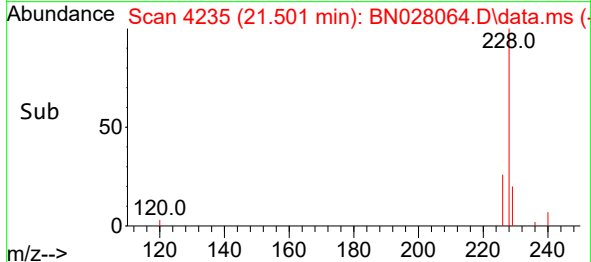
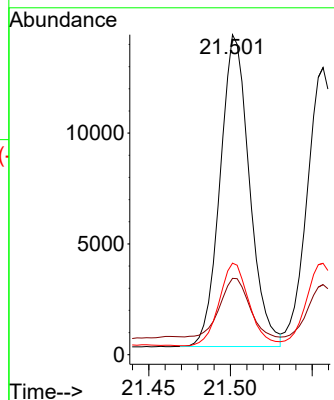


#21
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.501 min Scan# 41
Delta R.T. -0.017 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Instrument :
BNA_N
ClientSampleId :
SLCS952

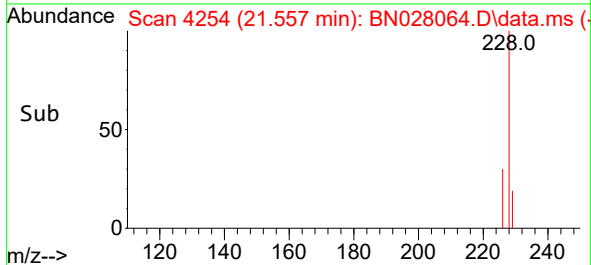
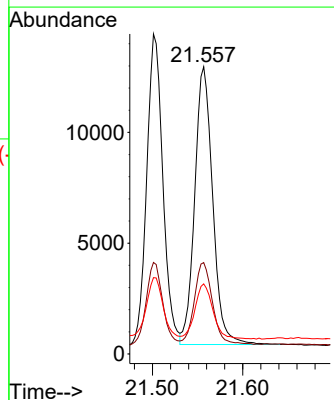
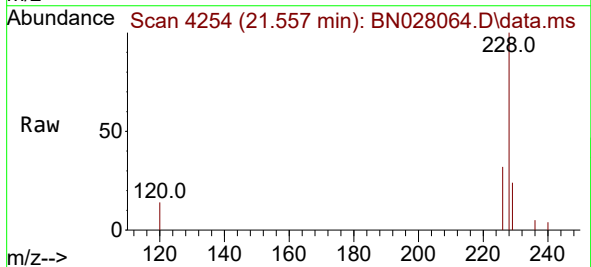


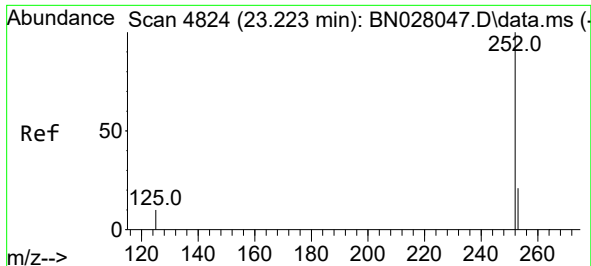
Tgt Ion:228 Resp: 17575
Ion Ratio Lower Upper
228 100
229 23.8 16.0 24.0
226 28.6 21.5 32.3



#22
Chrysene
Concen: 0.307 ng/ul
RT: 21.557 min Scan# 4254
Delta R.T. -0.017 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:228 Resp: 17332
Ion Ratio Lower Upper
228 100
226 31.8 23.8 35.8
229 24.4 16.0 24.0#





#24

Benzo(b)fluoranthene

Concen: 0.288 ng/ul

RT: 23.217 min Scan# 4822

Delta R.T. -0.023 min

Lab File: BN028064.D

Acq: 06 Oct 2023 00:36

Instrument :

BNA_N

ClientSampleId :

SLCS952

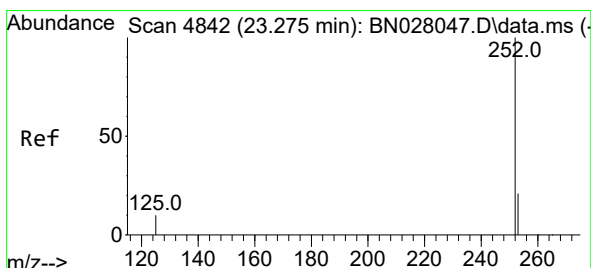
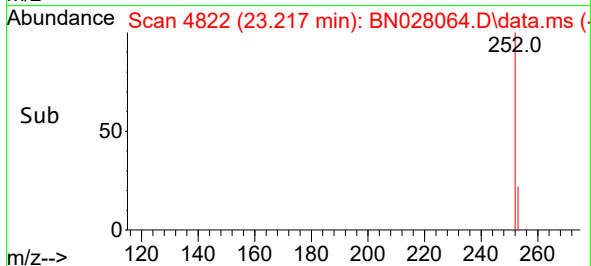
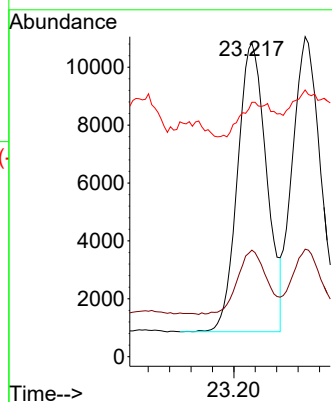
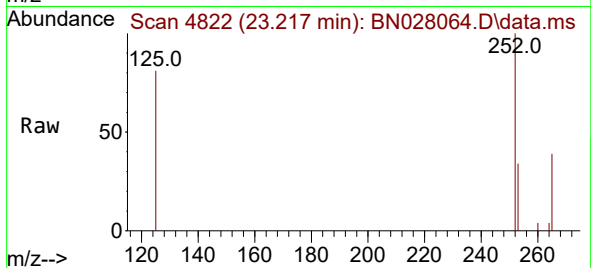
Tgt Ion:252 Resp: 18806

Ion Ratio Lower Upper

252 100

253 34.0 0.0 54.0

125 81.1 0.0 31.4#



#25

Benzo(k)fluoranthene

Concen: 0.293 ng/ul

RT: 23.267 min Scan# 4839

Delta R.T. -0.023 min

Lab File: BN028064.D

Acq: 06 Oct 2023 00:36

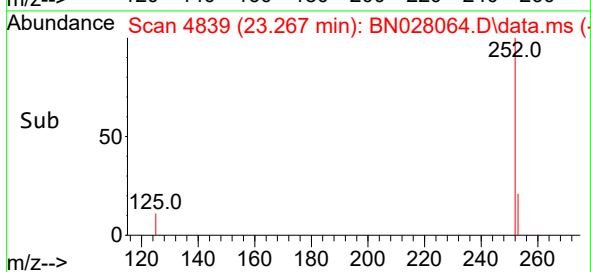
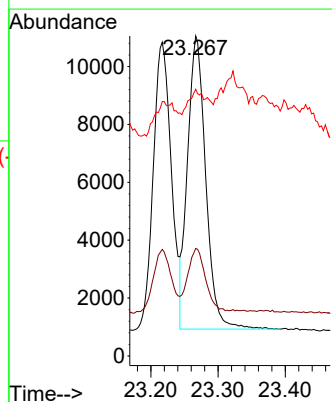
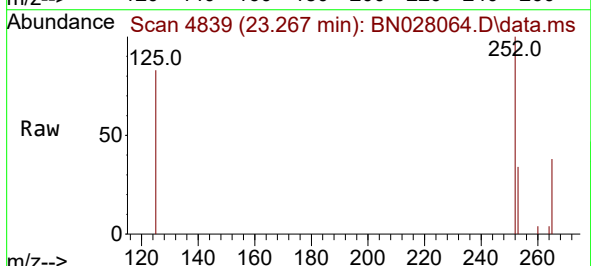
Tgt Ion:252 Resp: 19076

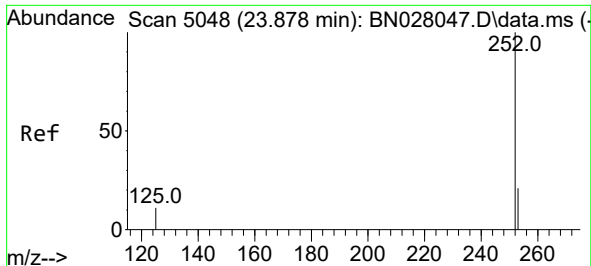
Ion Ratio Lower Upper

252 100

253 33.6 21.8 32.8#

125 83.3 12.8 19.2#

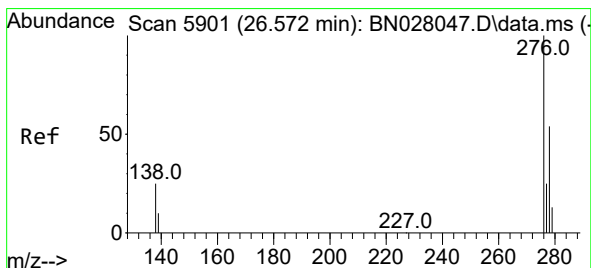
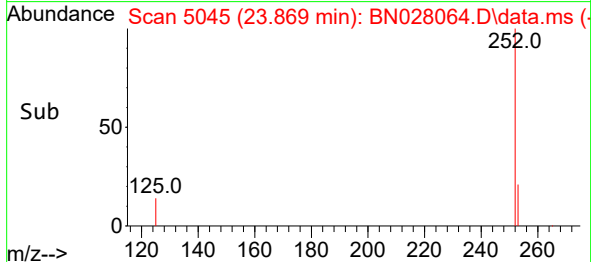
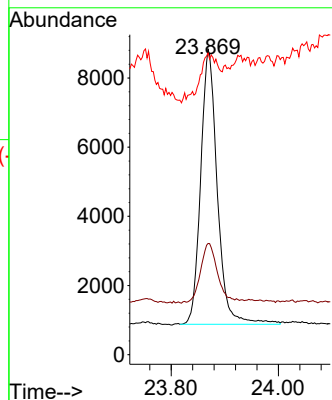
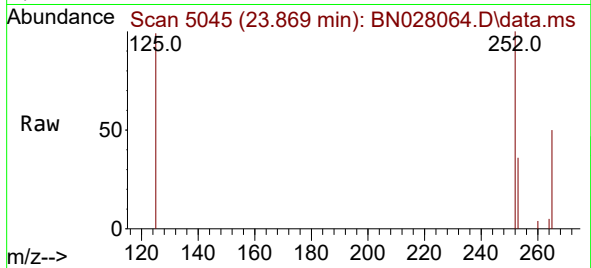




#26
Benzo(a)pyrene
Concen: 0.308 ng/ul
RT: 23.869 min Scan# 5048
Delta R.T. -0.026 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

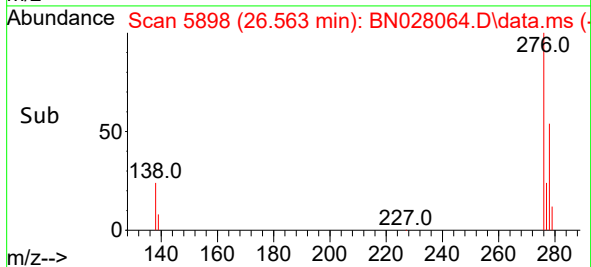
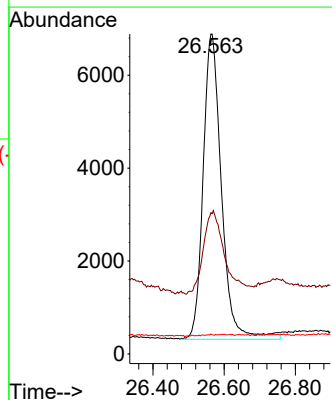
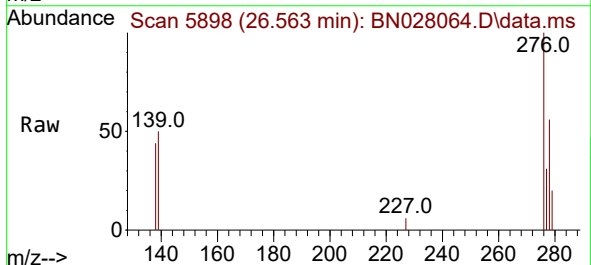
Instrument :
BNA_N
ClientSampleId :
SLCS952

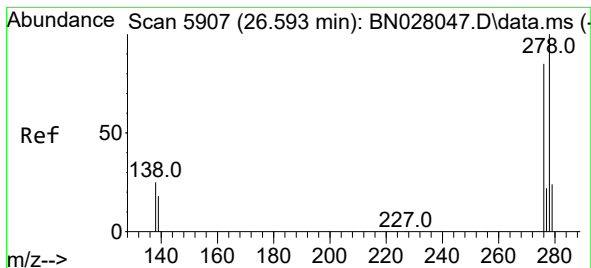
Tgt Ion:252 Resp: 17142
Ion Ratio Lower Upper
252 100
253 36.4 23.4 35.2#
125 98.7 15.3 22.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 26.563 min Scan# 5898
Delta R.T. -0.040 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:276 Resp: 23502
Ion Ratio Lower Upper
276 100
138 32.2 21.6 32.4
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.352 ng/ul

RT: 26.583 min Scan# 5907

Delta R.T. -0.036 min

Lab File: BN028064.D

Acq: 06 Oct 2023 00:36

Instrument :

BNA_N

ClientSampleId :

SLCS952

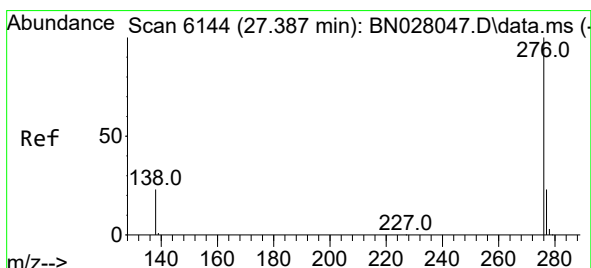
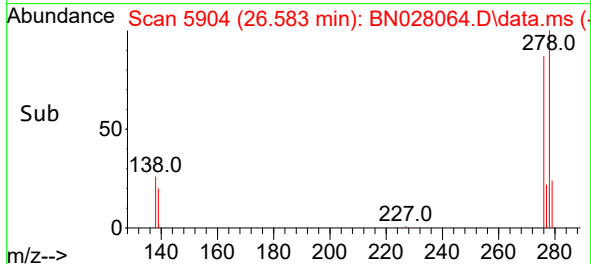
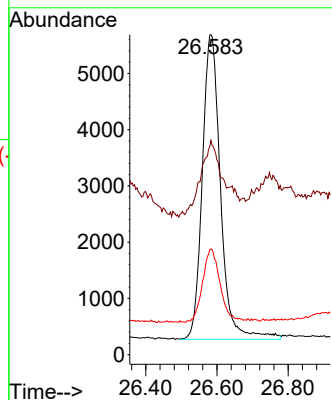
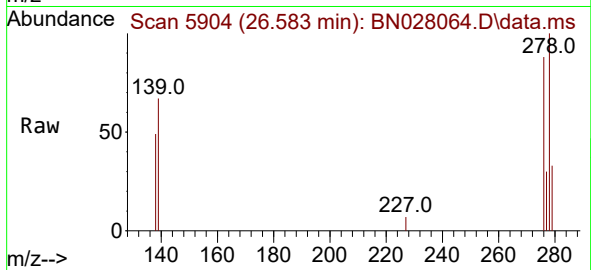
Tgt Ion:278 Resp: 19278

Ion Ratio Lower Upper

278 100

139 67.0 15.9 23.9#

279 33.0 22.8 34.2



#29

Benzo(g,h,i)perylene

Concen: 0.338 ng/ul

RT: 27.374 min Scan# 6140

Delta R.T. -0.046 min

Lab File: BN028064.D

Acq: 06 Oct 2023 00:36

Tgt Ion:276 Resp: 18640

Ion Ratio Lower Upper

276 100

138 47.2 19.8 29.6#

277 31.5 20.6 31.0#

