

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028065.D
 Acq On : 06 Oct 2023 01:13
 Operator : MA/JU
 Sample : PB156001BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS001

Quant Time: Oct 06 04:27:01 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

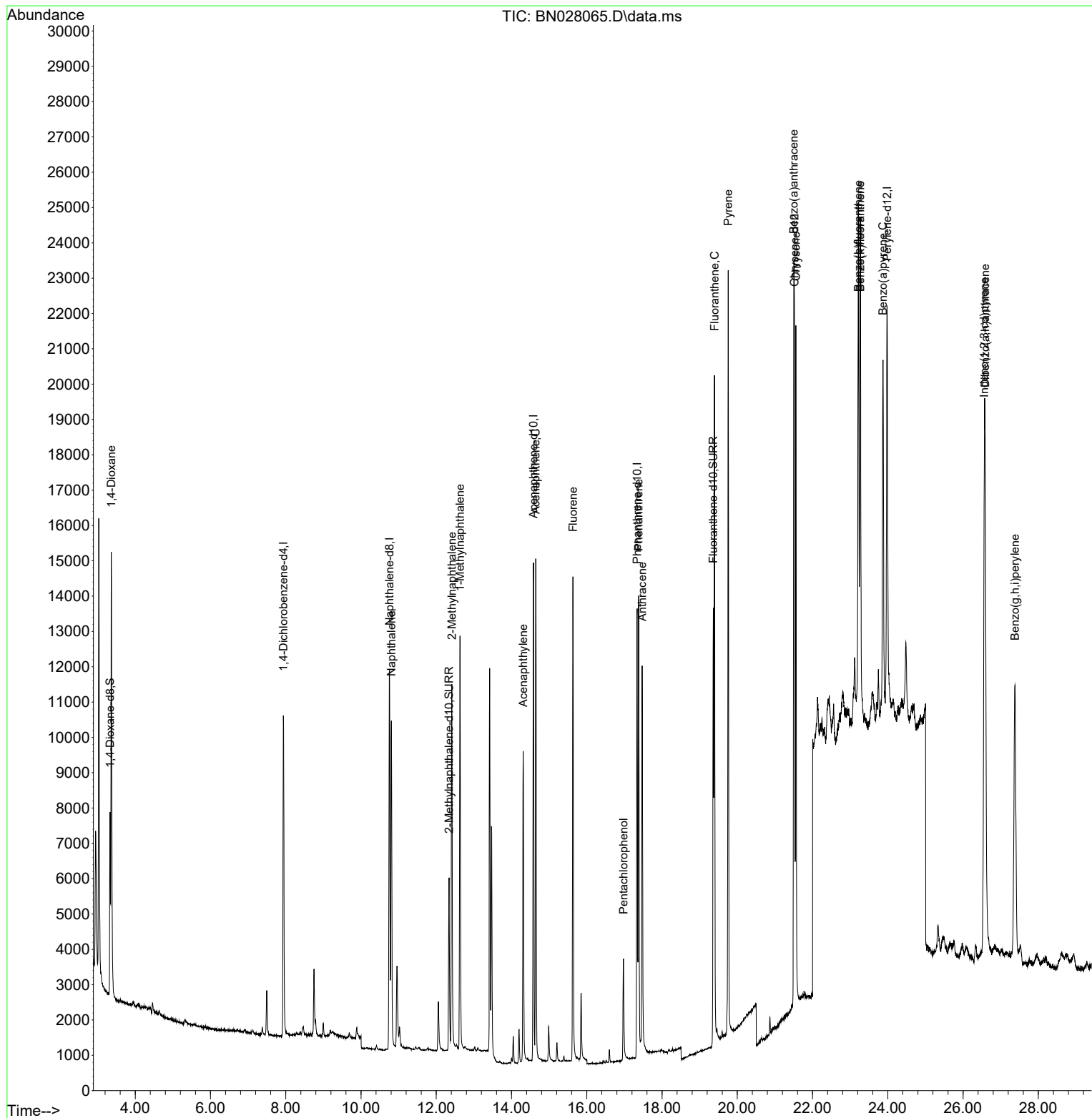
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4953	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.757	136	15557	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.583	164	8039	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	15738	0.400	ng/ul	-0.01
17) Chrysene-d12	21.519	240	14474	0.400	ng/ul	#-0.02
23) Perylene-d12	23.980	264	16724	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3715	0.597	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	6977	0.278	ng/ul	-0.01
18) Fluoranthene-d10	19.362	212	13936	0.304	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	9773	1.484	ng/ul	89
5) Naphthalene	10.806	128	13325	0.302	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	7971	0.286	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	8223	0.285	ng/ul	98
10) Acenaphthylene	14.310	152	10942	0.300	ng/ul	98
11) Acenaphthene	14.643	153	8637	0.298	ng/ul	99
12) Fluorene	15.633	166	9337	0.289	ng/ul	99
14) Pentachlorophenol	16.974	266	2245	0.665	ng/ul	98
15) Phenanthrene	17.380	178	14201	0.303	ng/ul	99
16) Anthracene	17.472	178	13409	0.320	ng/ul	98
19) Fluoranthene	19.394	202	17104	0.309	ng/ul	99
20) Pyrene	19.757	202	18263	0.319	ng/ul	98
21) Benzo(a)anthracene	21.501	228	17704	0.335	ng/ul	97
22) Chrysene	21.557	228	17447	0.327	ng/ul	97
24) Benzo(b)fluoranthene	23.217	252	18844	0.304	ng/ul#	62
25) Benzo(k)fluoranthene	23.267	252	19251	0.312	ng/ul#	68
26) Benzo(a)pyrene	23.872	252	16764	0.317	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	26.566	276	22958	0.359	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.586	278	18706	0.359	ng/ul#	75
29) Benzo(g,h,i)perylene	27.377	276	18655	0.357	ng/ul#	85

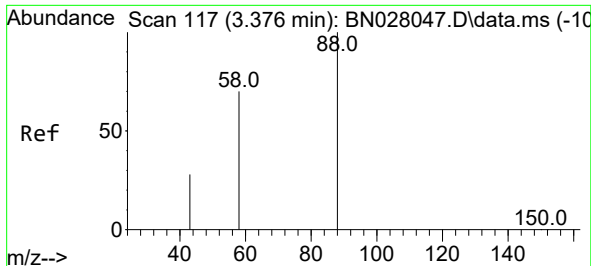
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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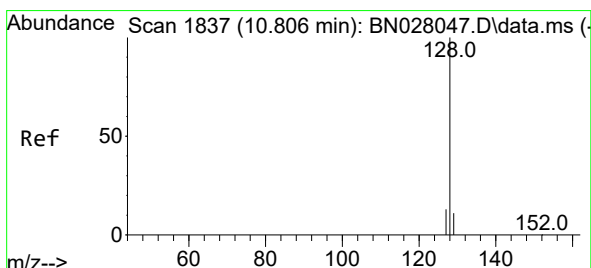
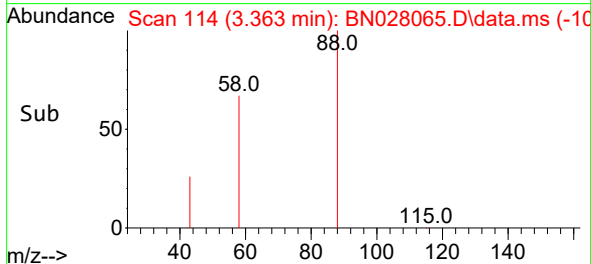
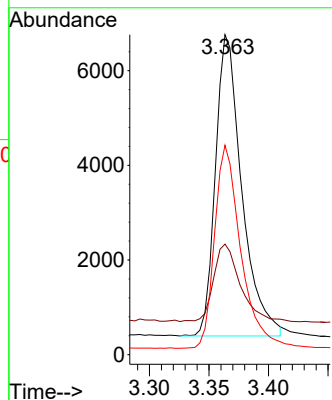
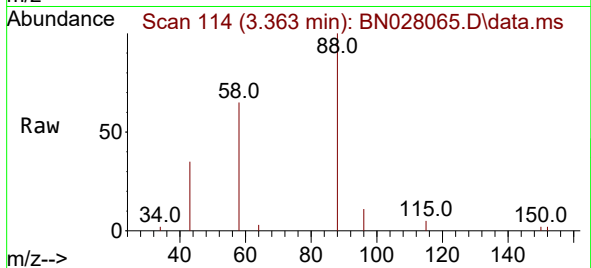




#2
1,4-Dioxane
Concen: 1.484 ng/ul
RT: 3.363 min Scan# 117
Delta R.T. -0.000 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

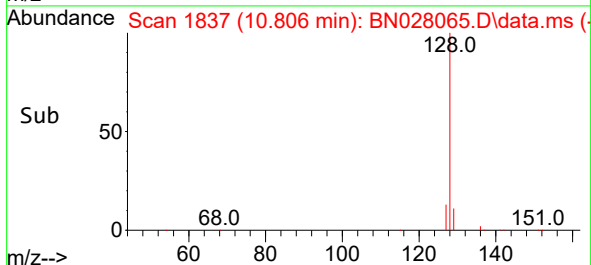
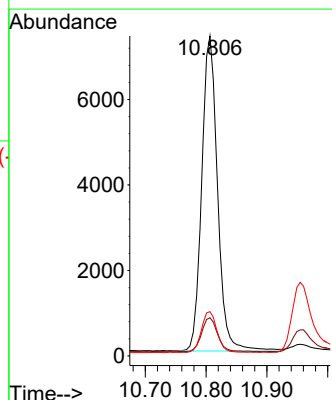
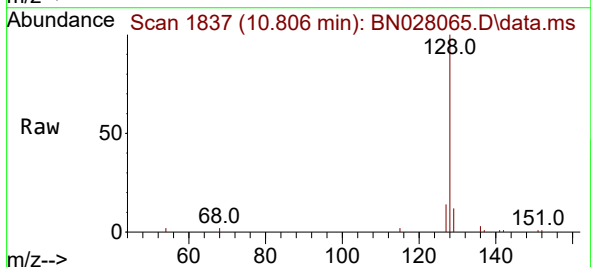
Instrument :
BNA_N
ClientSampleId :
SLCS001

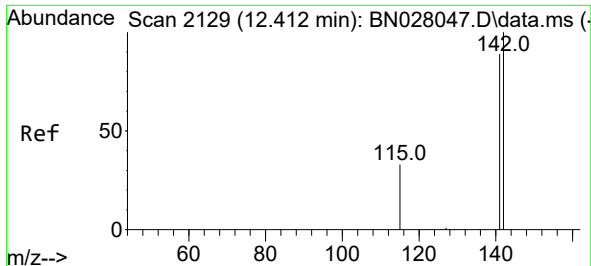
Tgt Ion: 88 Resp: 9773
Ion Ratio Lower Upper
88 100
43 34.5 33.4 50.2
58 65.4 45.7 68.5



#5
Naphthalene
Concen: 0.302 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

Tgt Ion: 128 Resp: 13325
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.8 11.0 16.4

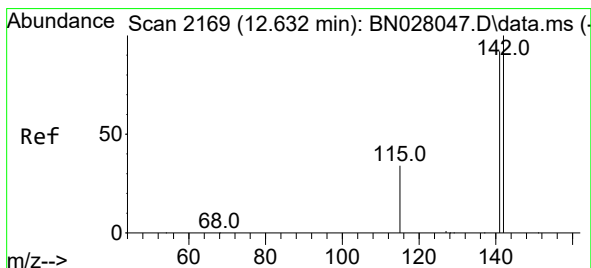
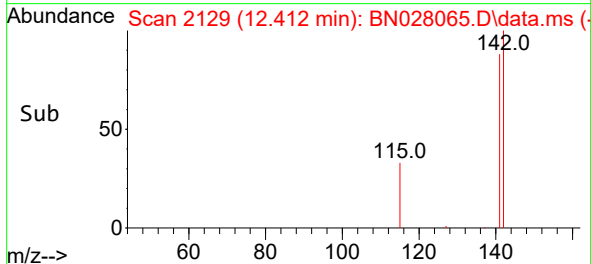
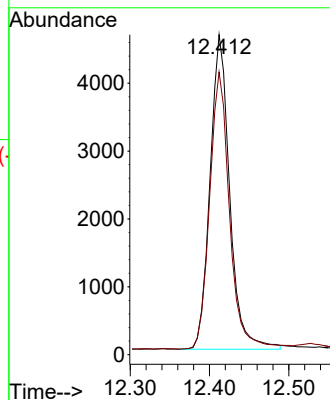
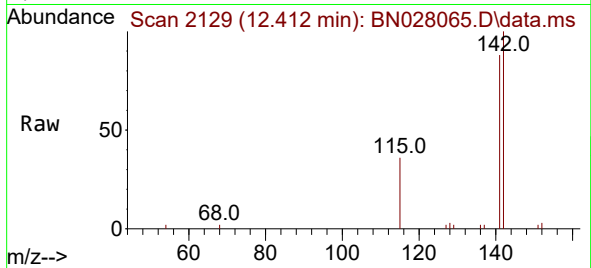




#7
2-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

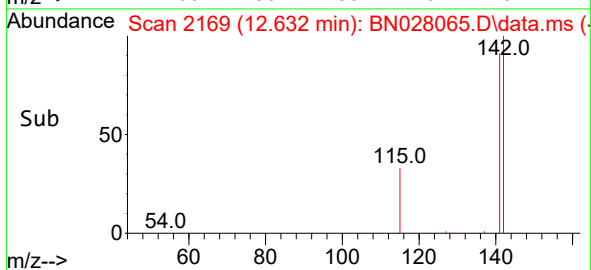
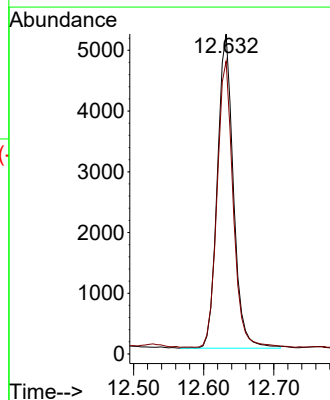
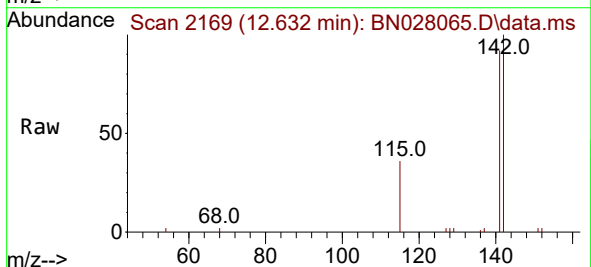
Instrument :
BNA_N
ClientSampleId :
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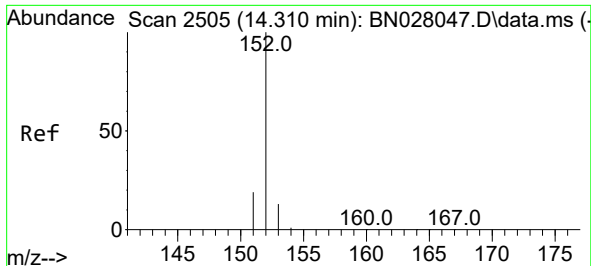
Tgt Ion:142 Resp: 7971
Ion Ratio Lower Upper
142 100
141 89.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. -0.011 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

Tgt Ion:142 Resp: 8223
Ion Ratio Lower Upper
142 100
141 90.9 74.4 111.6

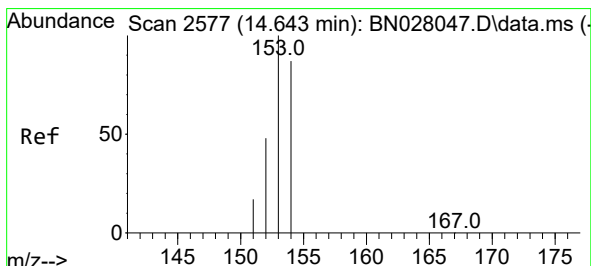
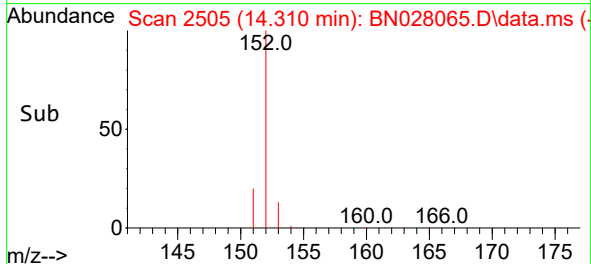
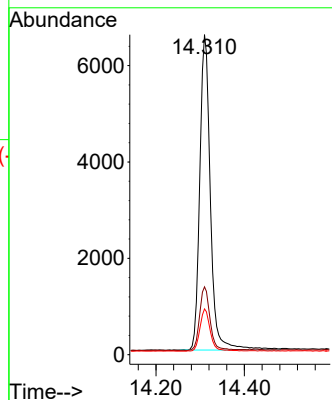
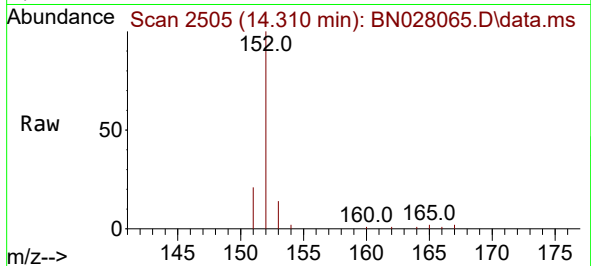




#10
Acenaphthylene
Concen: 0.300 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

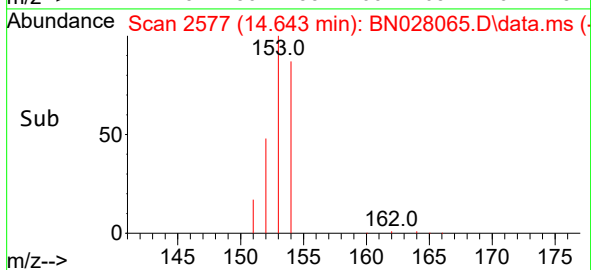
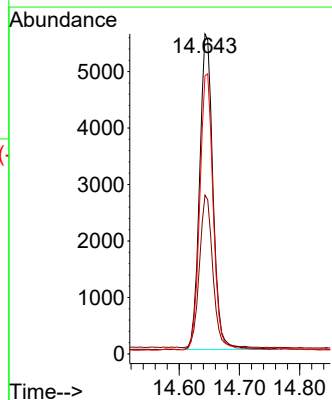
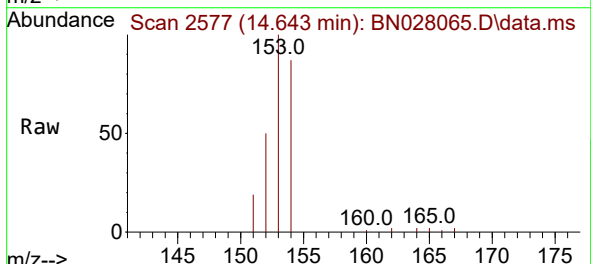
Instrument :
BNA_N
ClientSampleId :
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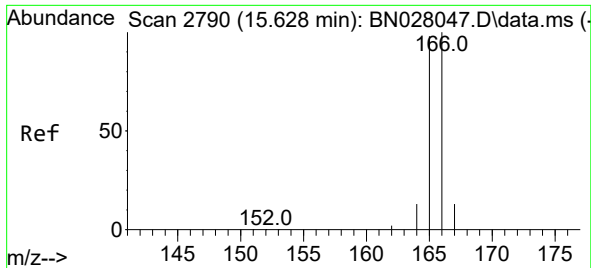
Tgt Ion:152 Resp: 10942
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6
153 14.3 10.9 16.3



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.643 min Scan# 2577
Delta R.T. -0.014 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

Tgt Ion:153 Resp: 8637
Ion Ratio Lower Upper
153 100
152 49.6 39.4 59.0
154 87.0 70.2 105.4

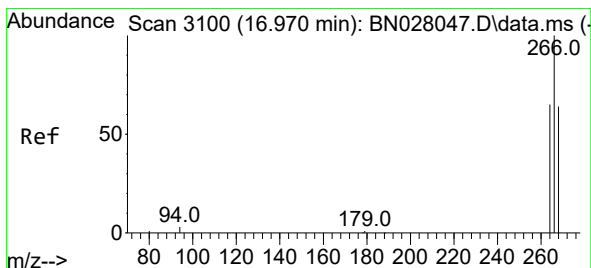
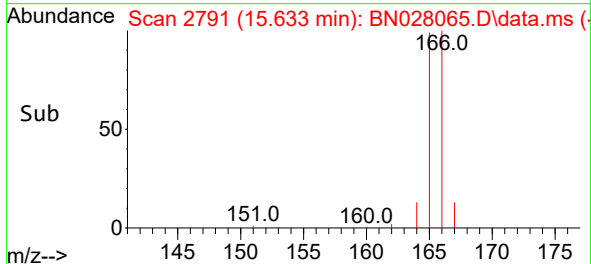
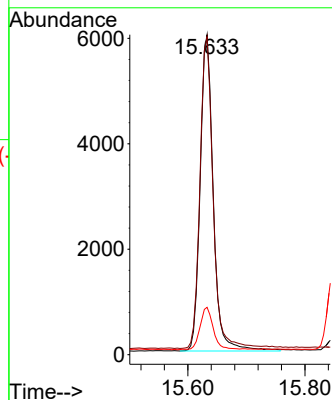
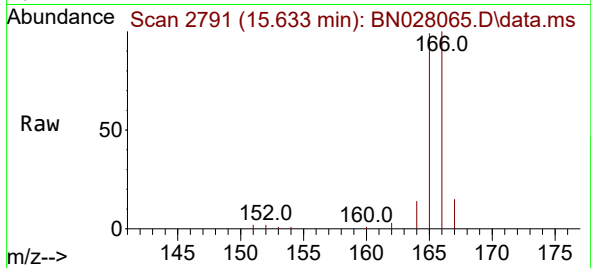




#12
 Fluorene
 Concen: 0.289 ng/ul
 RT: 15.633 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN028065.D
 Acq: 06 Oct 2023 01:13

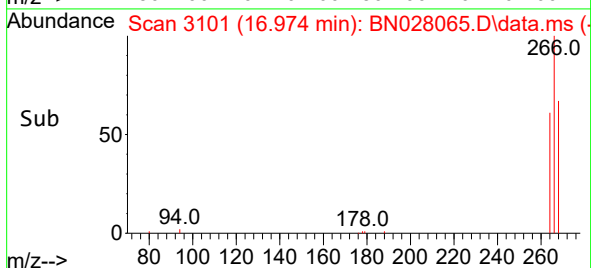
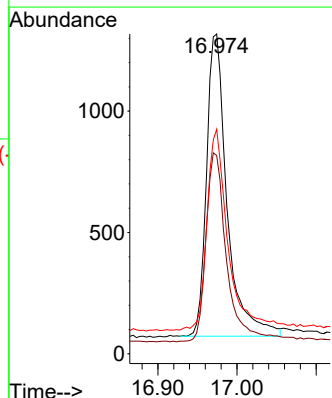
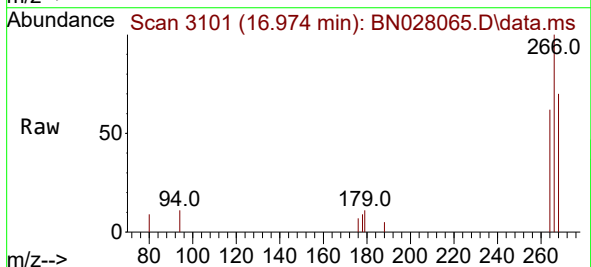
Instrument :
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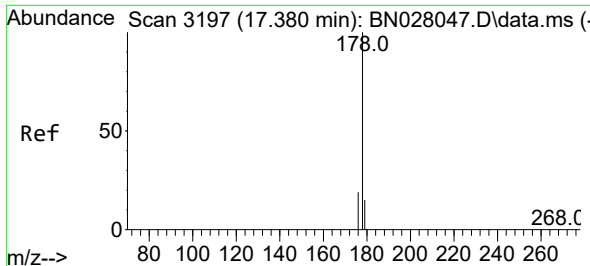
Tgt Ion:166 Resp: 9337
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.5 117.7
 167 14.8 11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.665 ng/ul
 RT: 16.974 min Scan# 3101
 Delta R.T. -0.012 min
 Lab File: BN028065.D
 Acq: 06 Oct 2023 01:13

Tgt Ion:266 Resp: 2245
 Ion Ratio Lower Upper
 266 100
 264 63.0 49.6 74.4
 268 67.9 52.2 78.4

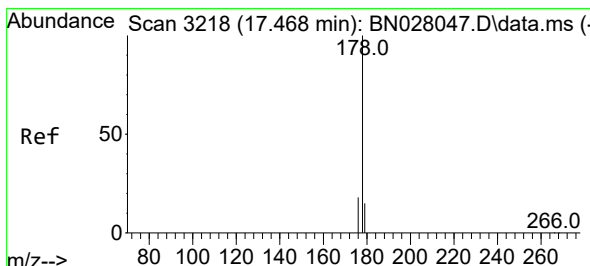
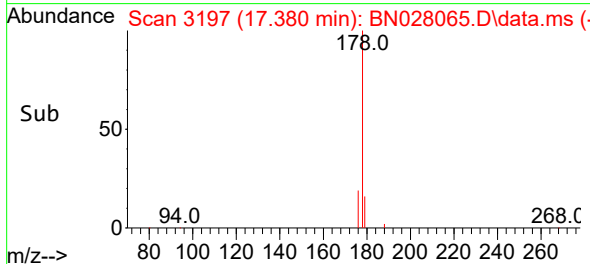
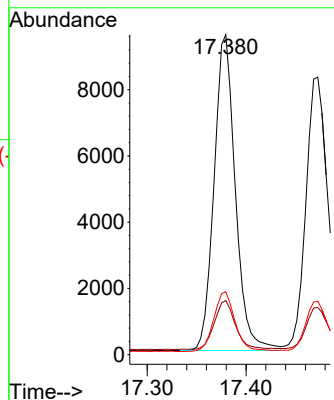
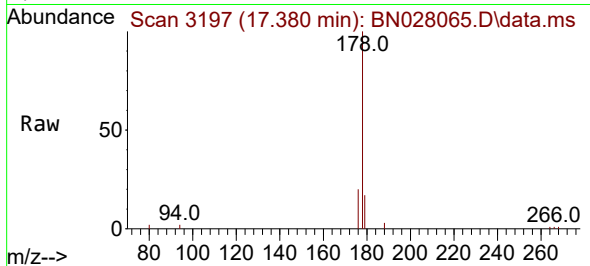




#15
Phenanthrene
Concen: 0.303 ng/ul
RT: 17.380 min Scan# 3197
Delta R.T. -0.008 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

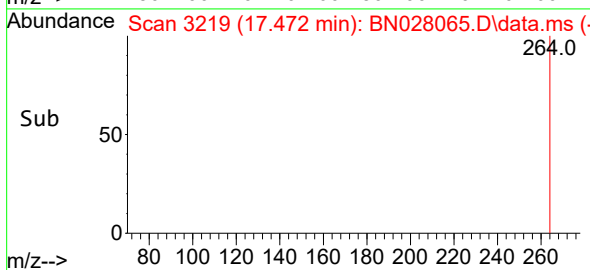
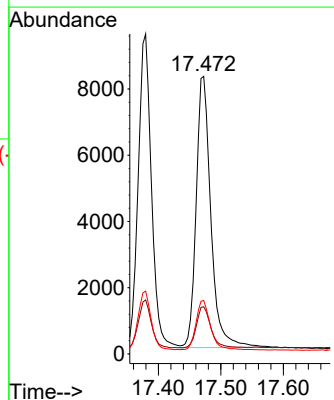
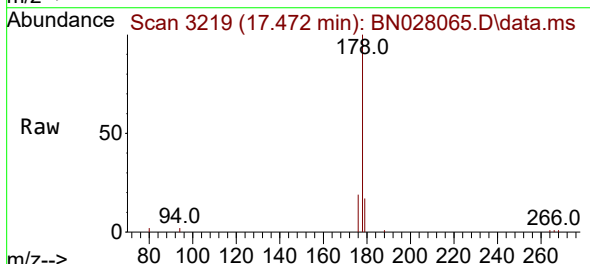
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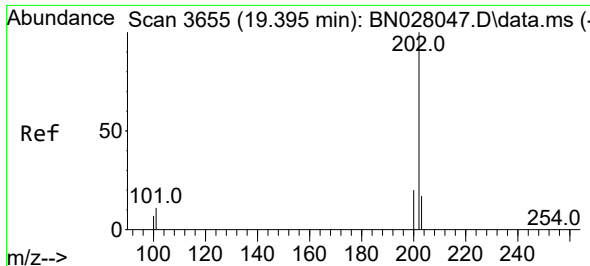
Tgt Ion:178 Resp: 14201
Ion Ratio Lower Upper
178 100
179 16.9 12.6 19.0
176 19.7 15.5 23.3



#16
Anthracene
Concen: 0.320 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. -0.008 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

Tgt Ion:178 Resp: 13409
Ion Ratio Lower Upper
178 100
179 17.0 12.8 19.2
176 19.2 15.0 22.6

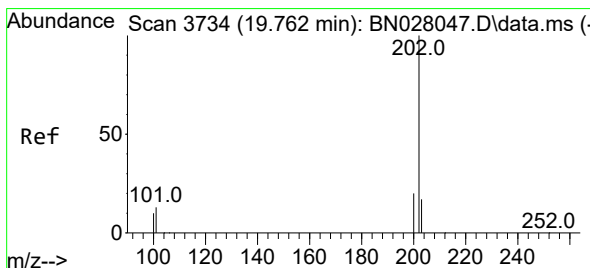
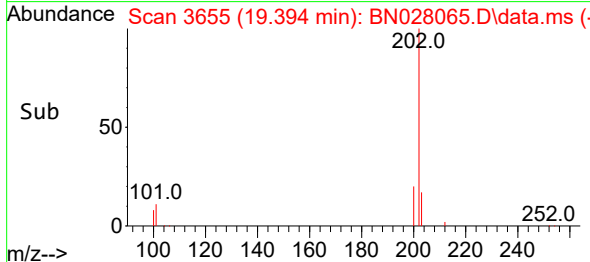
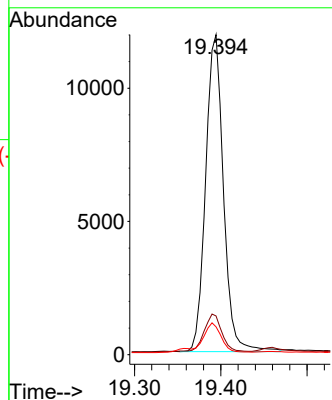
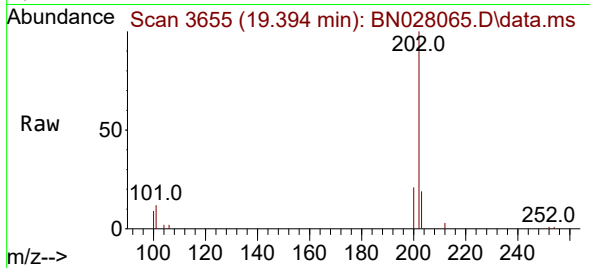




#19
Fluoranthene
Concen: 0.309 ng/ul
RT: 19.394 min Scan# 3655
Delta R.T. -0.009 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

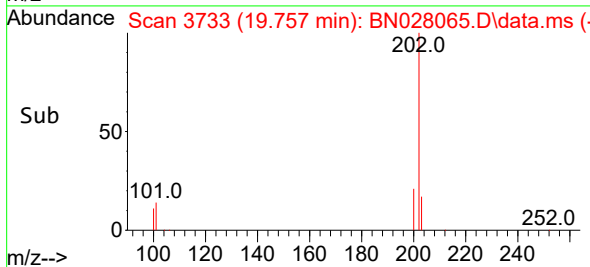
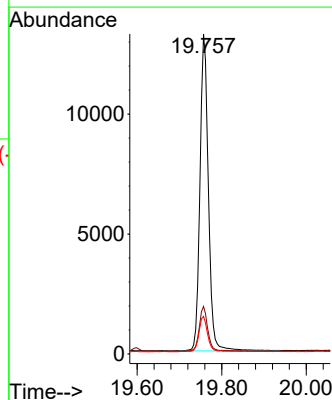
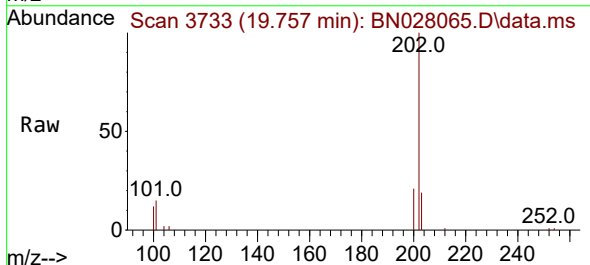
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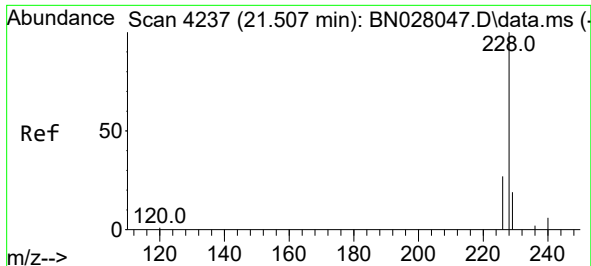
Tgt Ion:202 Resp: 17104
Ion Ratio Lower Upper
202 100
101 12.1 9.6 14.4
100 8.7 7.4 11.0



#20
Pyrene
Concen: 0.319 ng/ul
RT: 19.757 min Scan# 3733
Delta R.T. -0.014 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

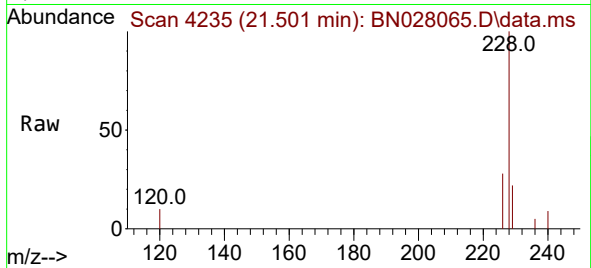
Tgt Ion:202 Resp: 18263
Ion Ratio Lower Upper
202 100
101 14.8 11.2 16.8
100 11.8 9.1 13.7



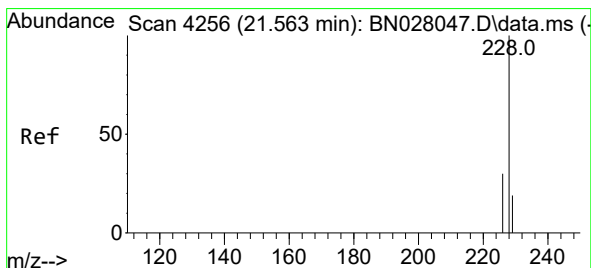
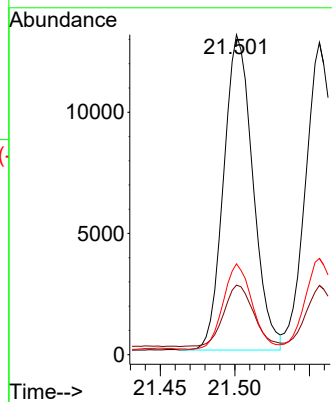
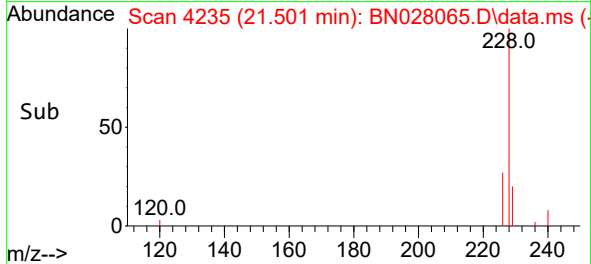


#21
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 21.501 min Scan# 41
Delta R.T. -0.017 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

Instrument :
BNA_N
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SLCS001

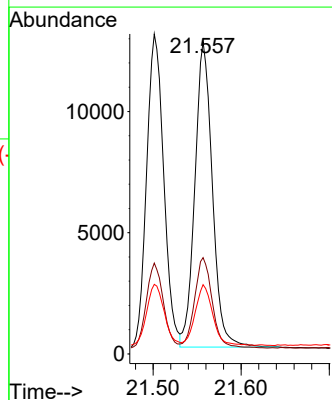
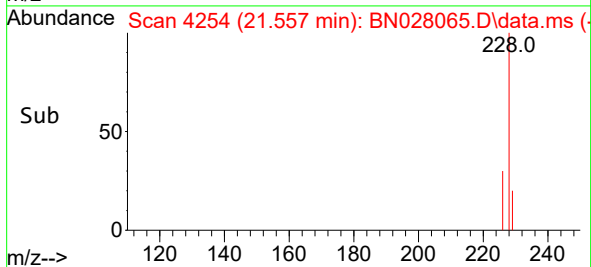
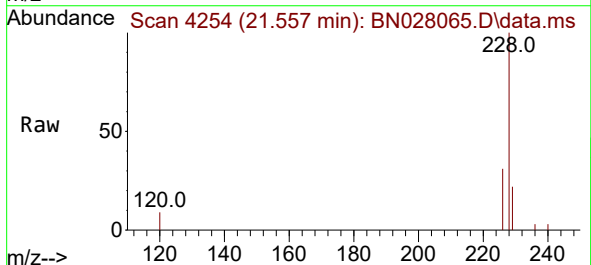


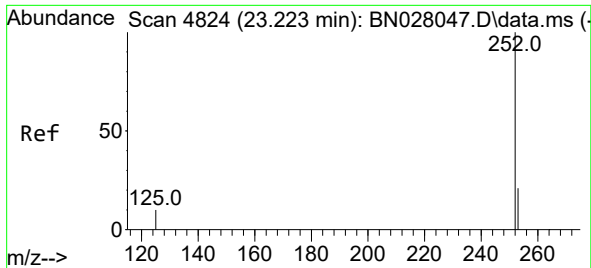
Tgt Ion:228 Resp: 17704
Ion Ratio Lower Upper
228 100
229 21.8 16.0 24.0
226 28.4 21.5 32.3



#22
Chrysene
Concen: 0.327 ng/ul
RT: 21.557 min Scan# 4254
Delta R.T. -0.017 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

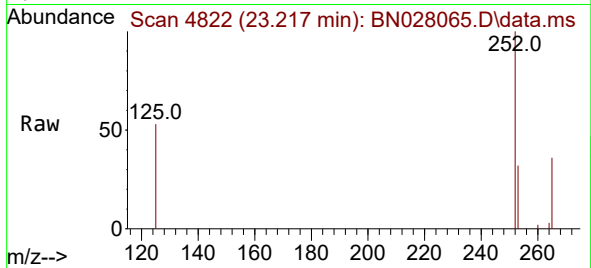
Tgt Ion:228 Resp: 17447
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.8
229 22.2 16.0 24.0



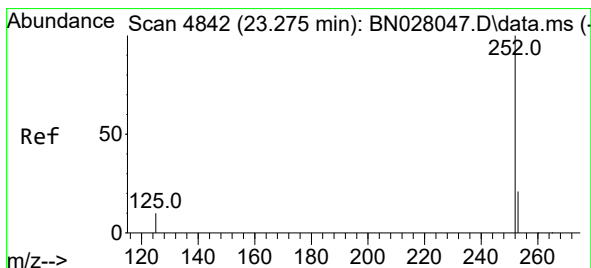
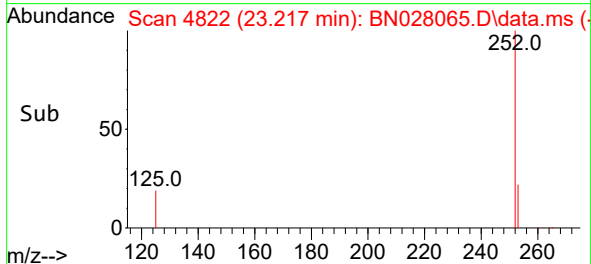
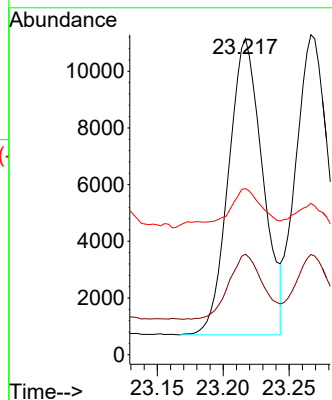


#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul
RT: 23.217 min Scan# 4822
Delta R.T. -0.023 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

Instrument :
BNA_N
ClientSampleId :
SLCS001

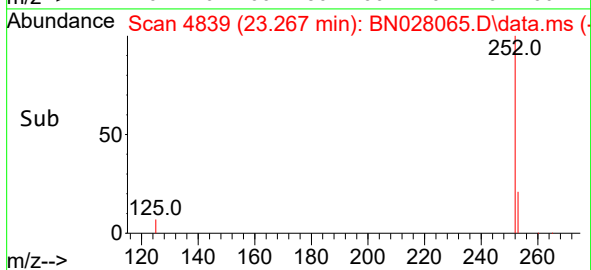
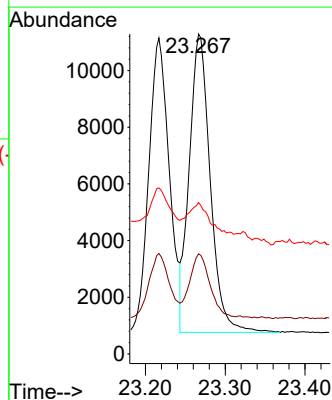
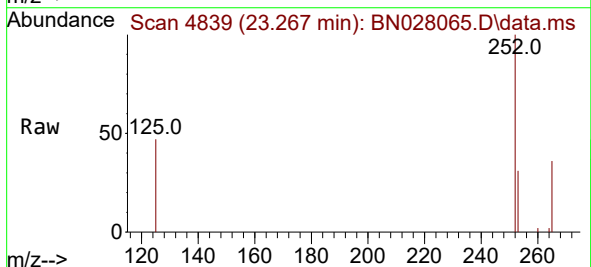


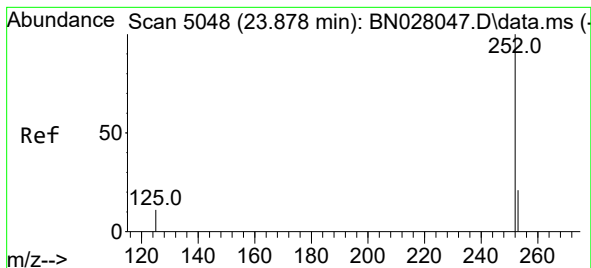
Tgt Ion:252 Resp: 18844
Ion Ratio Lower Upper
252 100
253 31.8 0.0 54.0
125 52.5 0.0 31.4#



#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul
RT: 23.267 min Scan# 4839
Delta R.T. -0.023 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

Tgt Ion:252 Resp: 19251
Ion Ratio Lower Upper
252 100
253 31.3 21.8 32.8
125 47.3 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 0.317 ng/ul

RT: 23.872 min Scan# 5048

Delta R.T. -0.023 min

Lab File: BN028065.D

Acq: 06 Oct 2023 01:13

Instrument :

BNA_N

ClientSampleId :

SLCS001

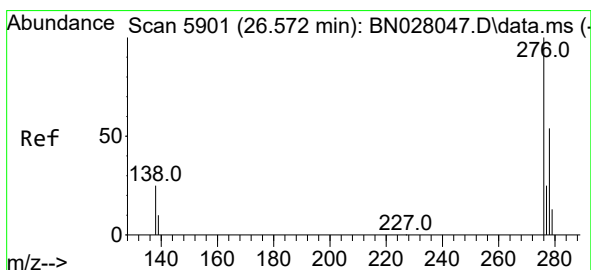
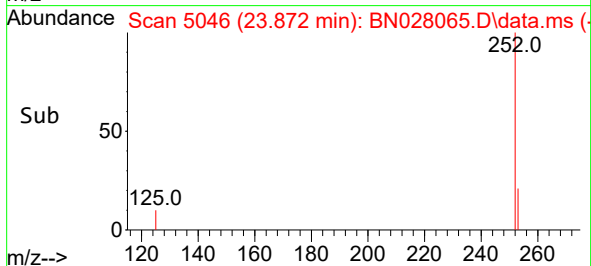
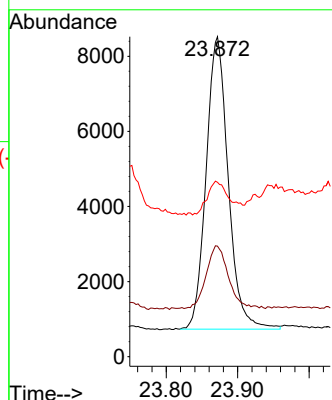
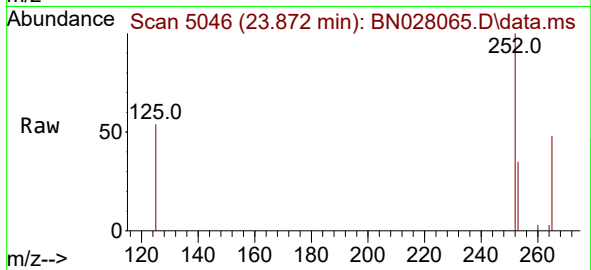
Tgt Ion:252 Resp: 16764

Ion Ratio Lower Upper

252 100

253 34.6 23.4 35.2

125 54.5 15.3 22.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.359 ng/ul

RT: 26.566 min Scan# 5899

Delta R.T. -0.037 min

Lab File: BN028065.D

Acq: 06 Oct 2023 01:13

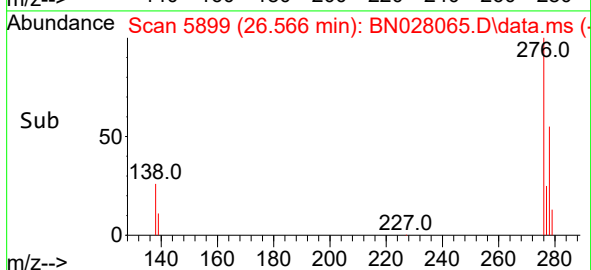
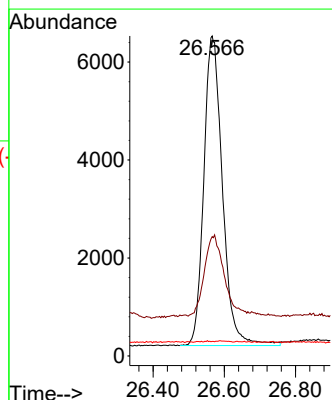
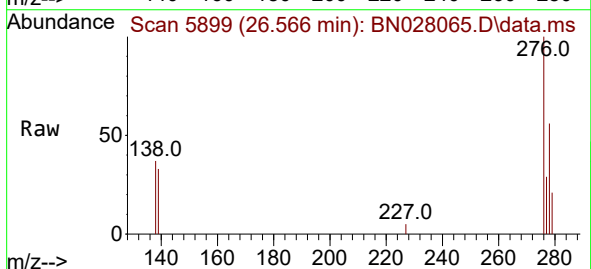
Tgt Ion:276 Resp: 22958

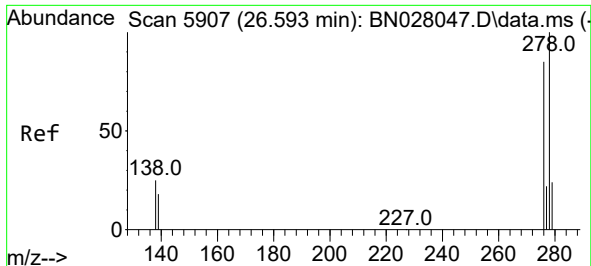
Ion Ratio Lower Upper

276 100

138 28.8 21.6 32.4

227 0.0 0.2 0.2#

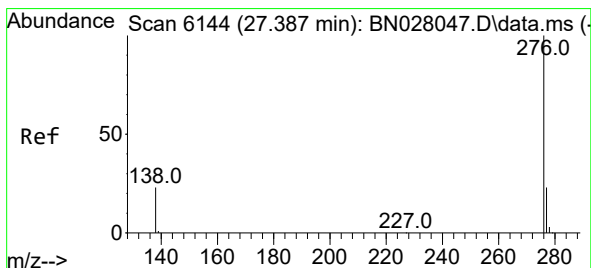
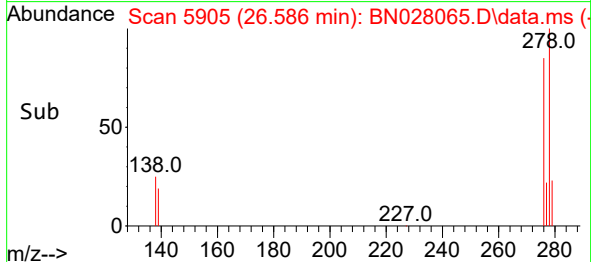
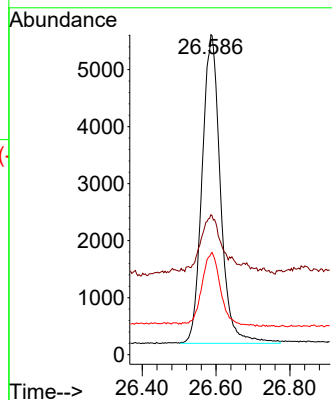
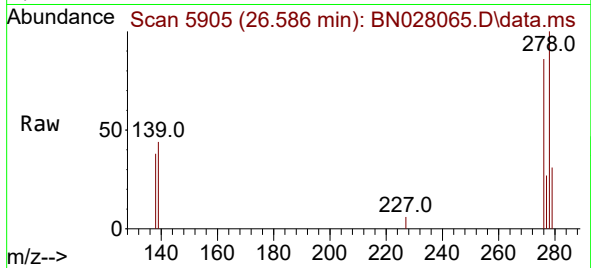




#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 26.586 min Scan# 5905
Delta R.T. -0.033 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

Instrument :
BNA_N
ClientSampleId :
SLCS001

Tgt Ion:278 Resp: 18706
Ion Ratio Lower Upper
278 100
139 43.7 15.9 23.9#
279 31.5 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.357 ng/ul
RT: 27.377 min Scan# 6141
Delta R.T. -0.043 min
Lab File: BN028065.D
Acq: 06 Oct 2023 01:13

Tgt Ion:276 Resp: 18655
Ion Ratio Lower Upper
276 100
138 37.5 19.8 29.6#
277 28.6 20.6 31.0

