

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025180.D
 Acq On : 27 Apr 2023 16:34
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4283

Quant Time: Apr 28 01:21:32 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

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

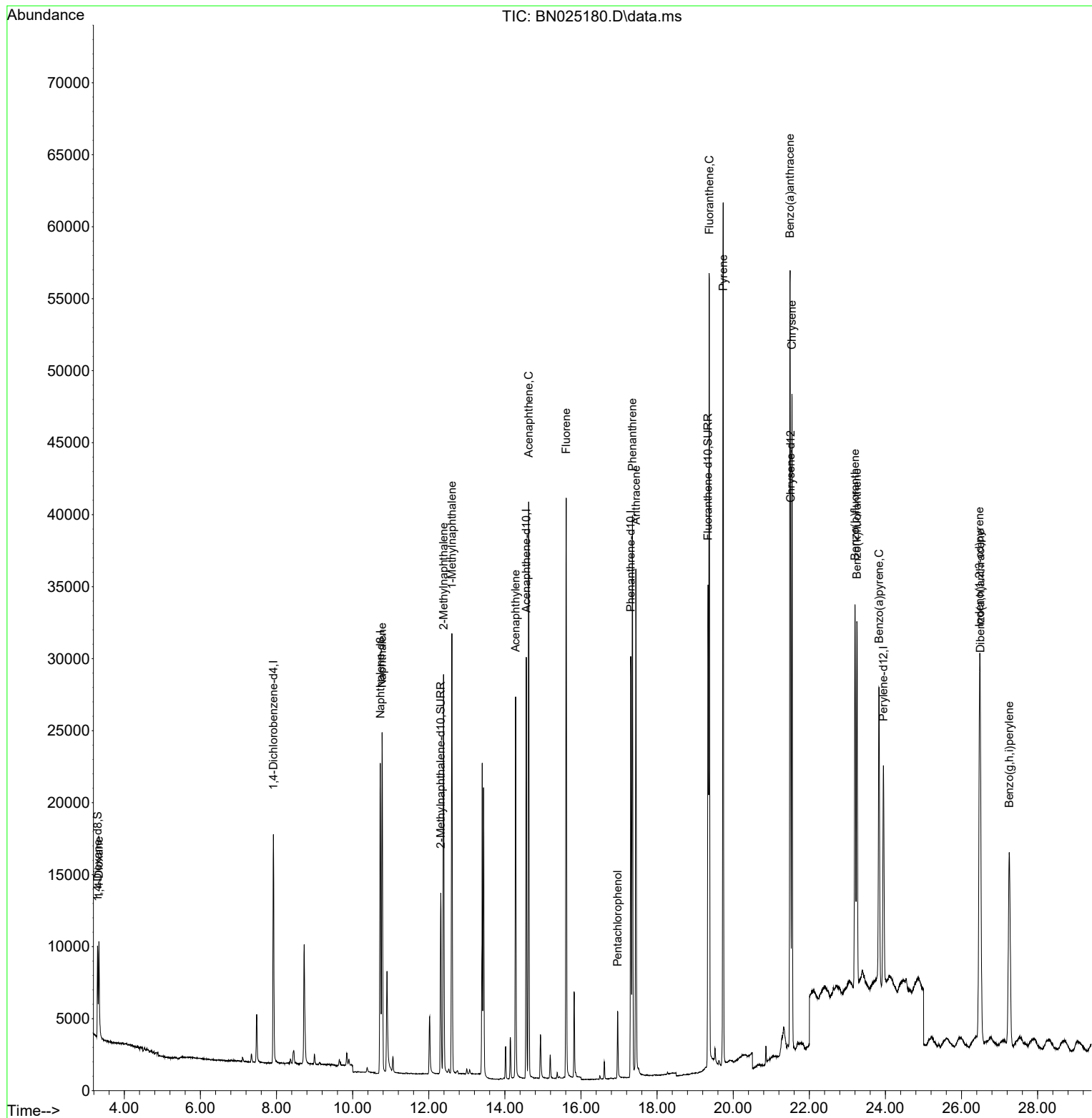
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	8623	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	27929	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	15667	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	33067	0.400	ng/ul	0.00
17) Chrysene-d12	21.508	240	25825	0.400	ng/ul	0.00
23) Perylene-d12	23.946	264	23188	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	3936	0.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	16425	0.458	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	35270	0.518	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	4193	0.436	ng/ul#	78
5) Naphthalene	10.776	128	32233	0.450	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	19675	0.449	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	20820	0.446	ng/ul	100
10) Acenaphthylene	14.283	152	30967	0.531	ng/ul	100
11) Acenaphthene	14.626	153	22541	0.458	ng/ul	99
12) Fluorene	15.611	166	25010	0.455	ng/ul	98
14) Pentachlorophenol	16.963	266	3225	0.497	ng/ul	99
15) Phenanthrene	17.351	178	40673	0.436	ng/ul	100
16) Anthracene	17.444	178	38230	0.501	ng/ul	99
19) Fluoranthene	19.373	202	47613	0.510	ng/ul	99
20) Pyrene	19.735	202	48873	0.509	ng/ul	99
21) Benzo(a)anthracene	21.491	228	41257	0.530	ng/ul	98
22) Chrysene	21.543	228	39916	0.470	ng/ul	98
24) Benzo(b)fluoranthene	23.201	252	36443	0.387	ng/ul	95
25) Benzo(k)fluoranthene	23.253	252	35719	0.395	ng/ul#	96
26) Benzo(a)pyrene	23.832	252	31032	0.399	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.474	276	36593	0.408	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.494	278	29561	0.422	ng/ul	95
29) Benzo(g,h,i)perylene	27.252	276	31663	0.415	ng/ul	94

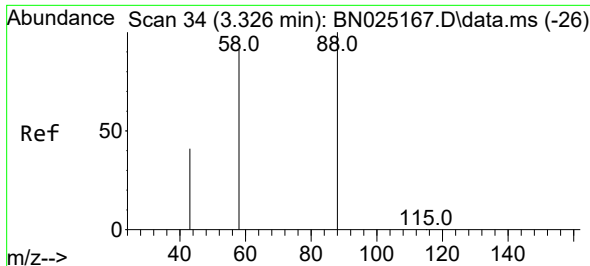
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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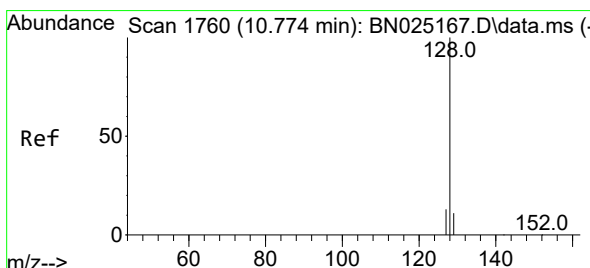
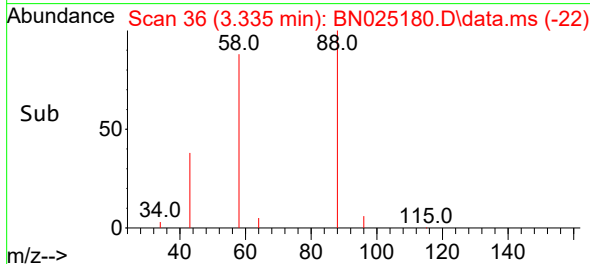
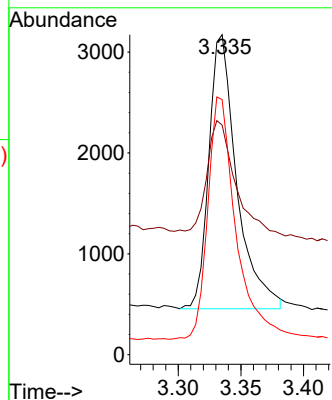
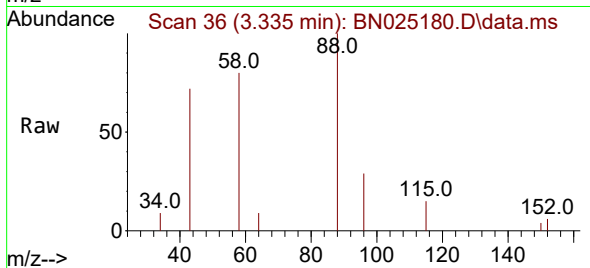




#2
1,4-Dioxane
Concen: 0.436 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. 0.009 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

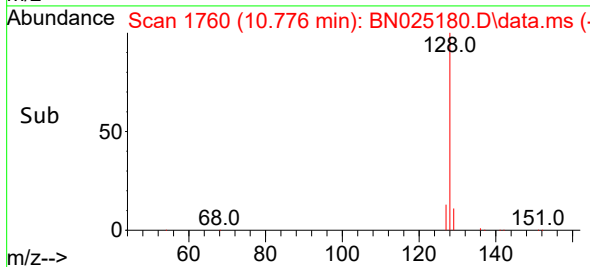
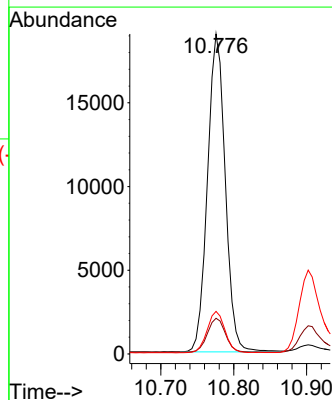
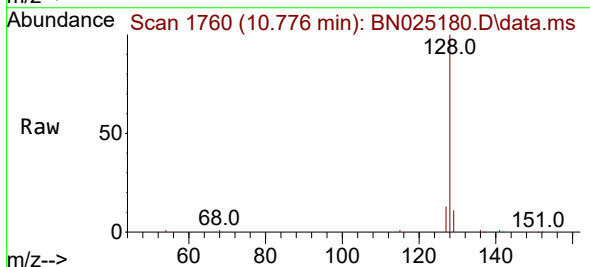
Instrument :
BNA_N
ClientSampleId :
SSTD0.4283

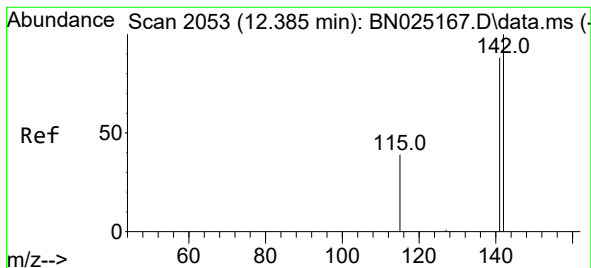
Tgt Ion: 88 Resp: 4193
Ion Ratio Lower Upper
88 100
43 71.8 37.0 55.4#
58 79.7 56.9 85.3



#5
Naphthalene
Concen: 0.450 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

Tgt Ion: 128 Resp: 32233
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.449 ng/ul

RT: 12.387 min Scan# 2053

Delta R.T. 0.002 min

Lab File: BN025180.D

Acq: 27 Apr 2023 16:34

Instrument :

BNA_N

ClientSampleId :

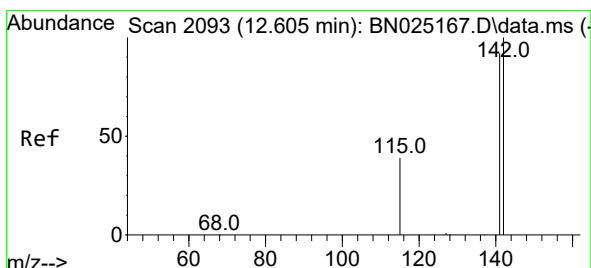
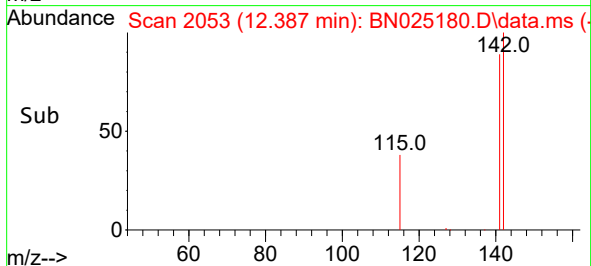
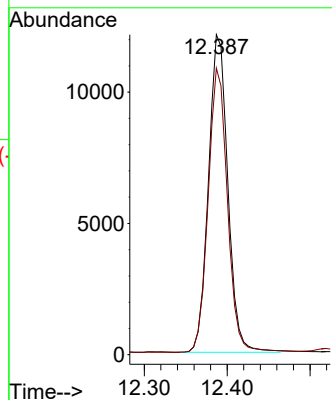
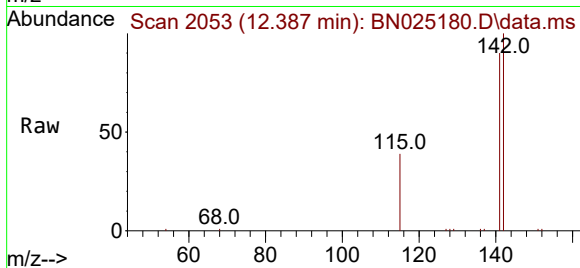
SSTD0.4283

Tgt Ion:142 Resp: 19675

Ion Ratio Lower Upper

142 100

141 89.1 71.4 107.0



#8

1-Methylnaphthalene

Concen: 0.446 ng/ul

RT: 12.607 min Scan# 2093

Delta R.T. 0.002 min

Lab File: BN025180.D

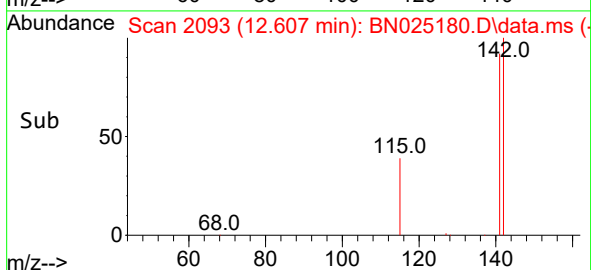
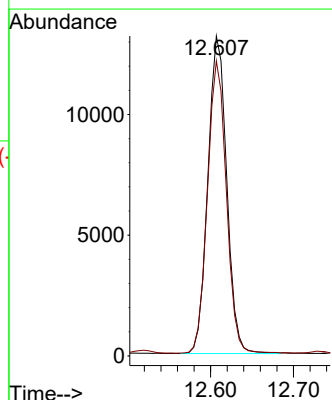
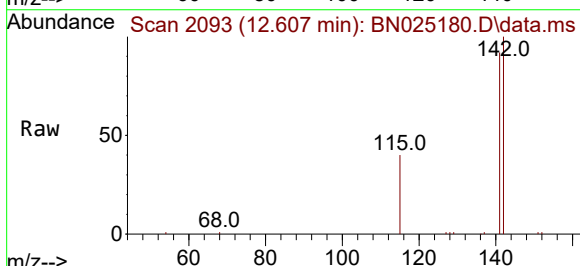
Acq: 27 Apr 2023 16:34

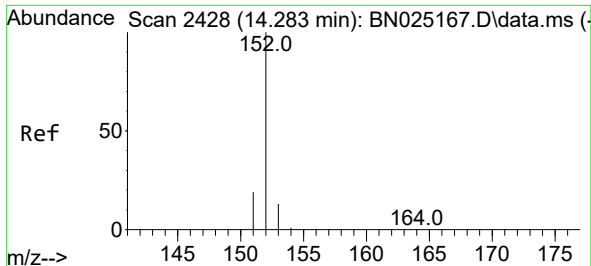
Tgt Ion:142 Resp: 20820

Ion Ratio Lower Upper

142 100

141 92.1 73.8 110.6

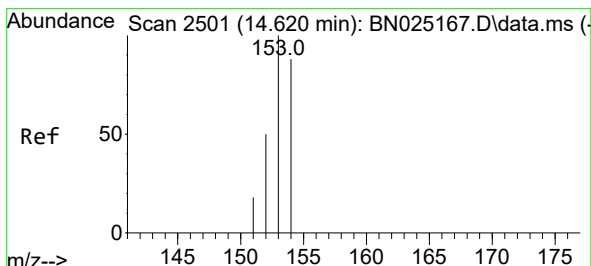
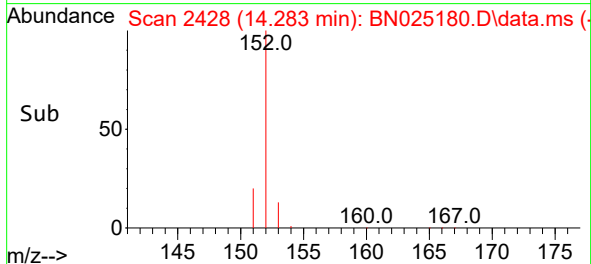
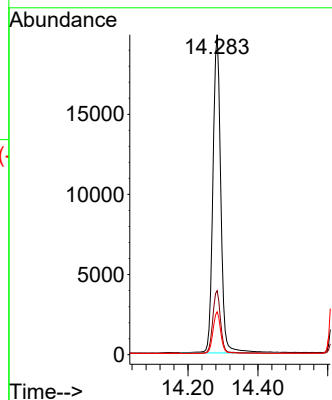
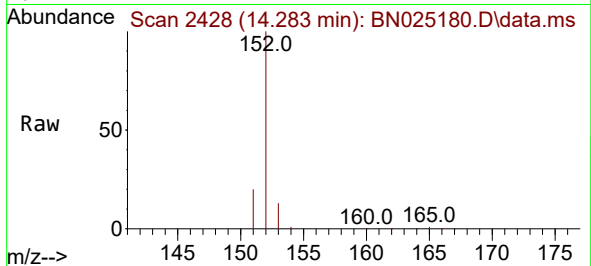




#10
Acenaphthylene
Concen: 0.531 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.001 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

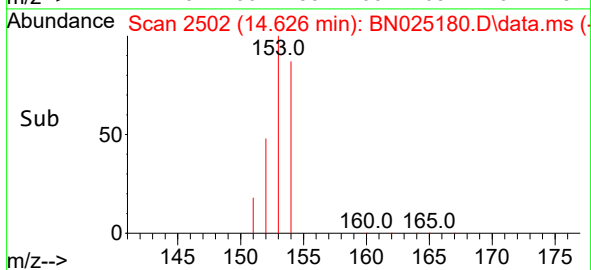
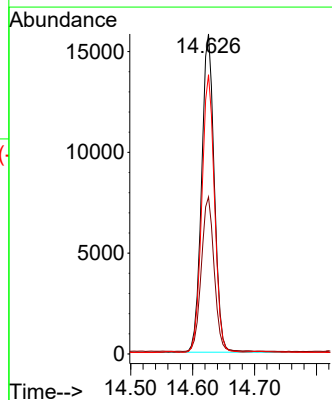
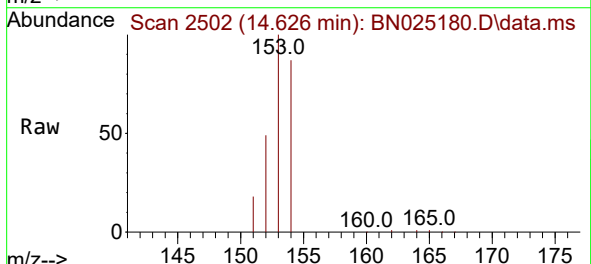
Instrument :
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ClientSampleId :
SSTD0.4283

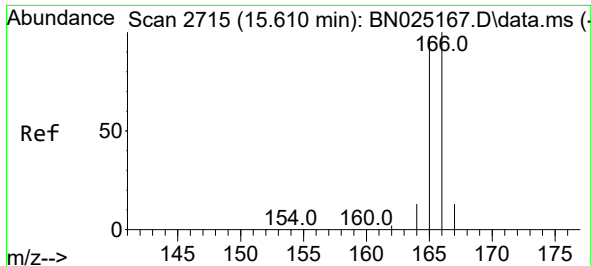
Tgt Ion:152 Resp: 30967
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.458 ng/ul
RT: 14.626 min Scan# 2502
Delta R.T. 0.005 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

Tgt Ion:153 Resp: 22541
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.4
154 87.2 69.4 104.2

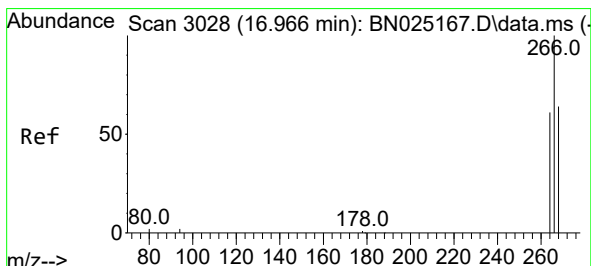
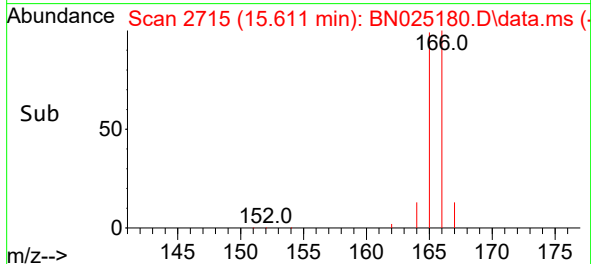
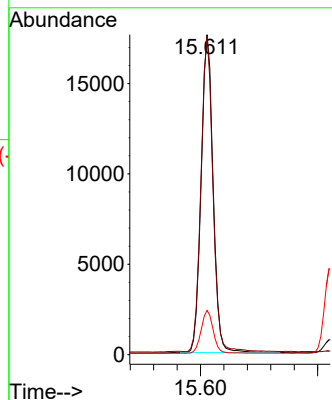
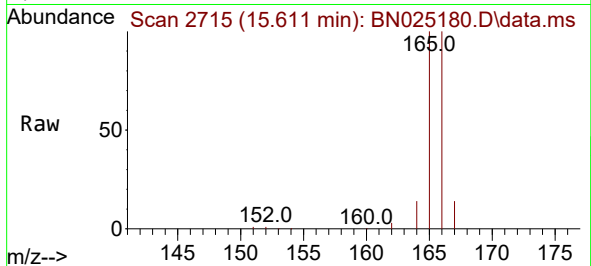




#12
Fluorene
Concen: 0.455 ng/ul
RT: 15.611 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

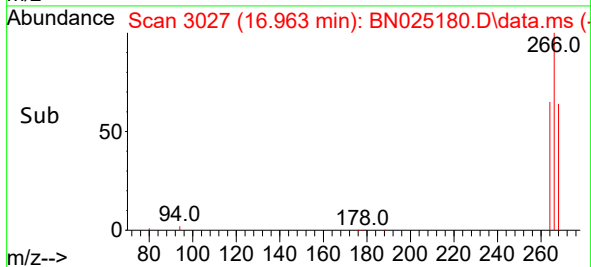
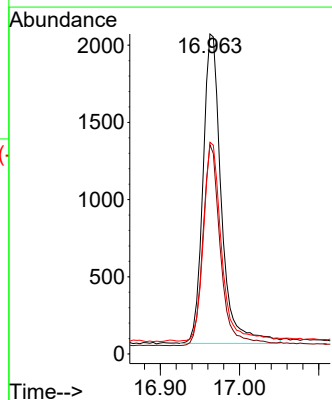
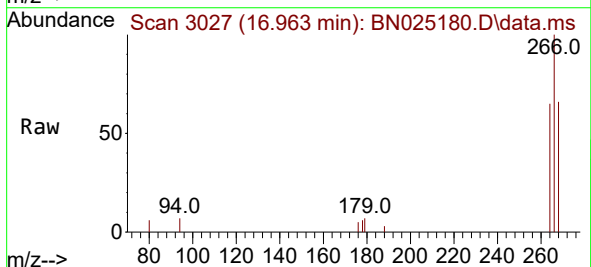
Instrument :
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ClientSampleId :
SSTD0.4283

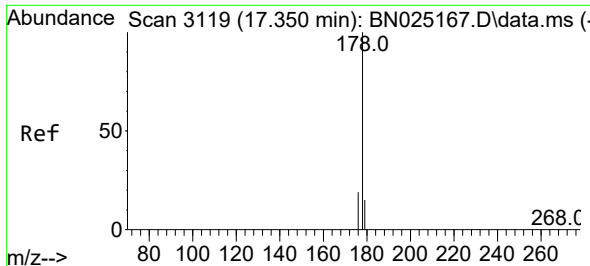
Tgt Ion:166 Resp: 25010
Ion Ratio Lower Upper
166 100
165 99.5 78.1 117.1
167 13.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.497 ng/ul
RT: 16.963 min Scan# 3027
Delta R.T. -0.004 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

Tgt Ion:266 Resp: 3225
Ion Ratio Lower Upper
266 100
264 62.5 49.6 74.4
268 63.1 51.3 76.9

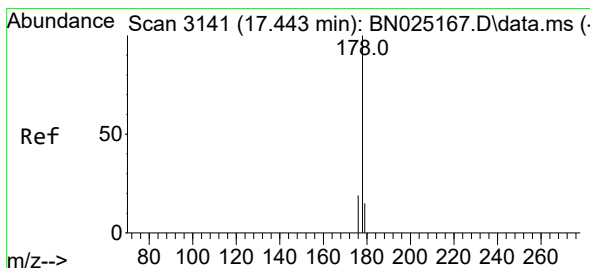
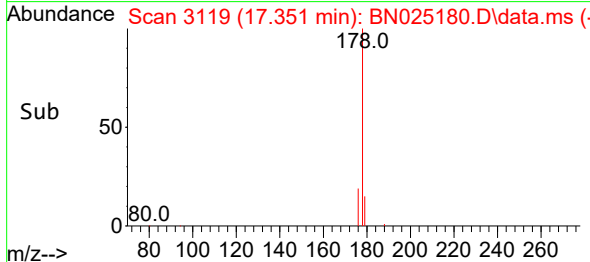
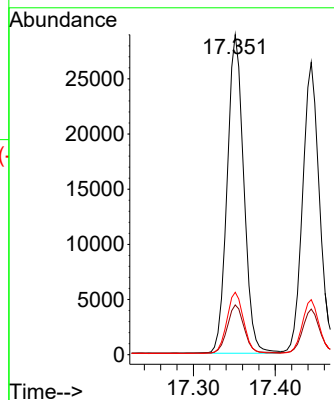
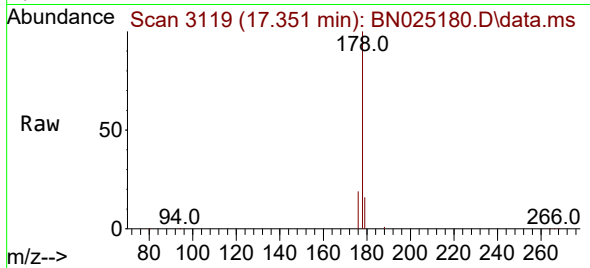




#15
Phenanthrene
Concen: 0.436 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

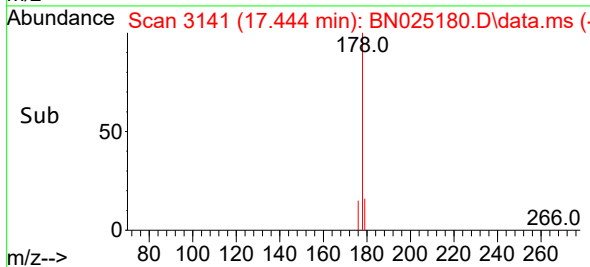
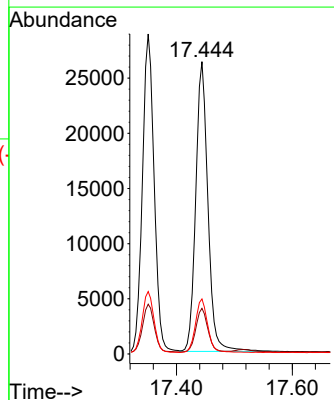
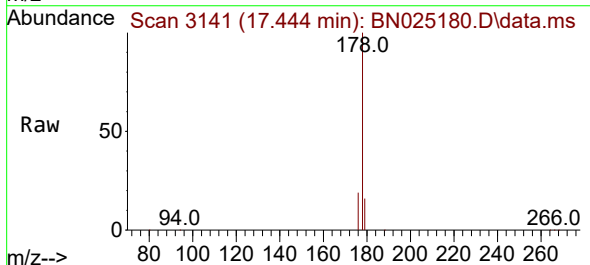
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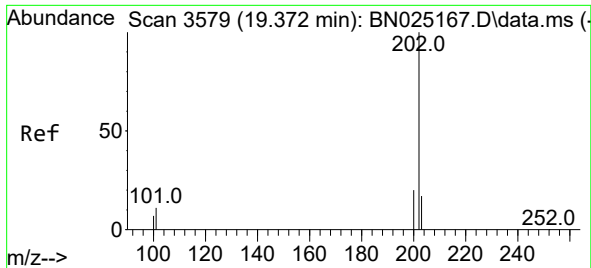
Tgt Ion:178 Resp: 40673
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.501 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

Tgt Ion:178 Resp: 38230
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 18.9 15.3 22.9

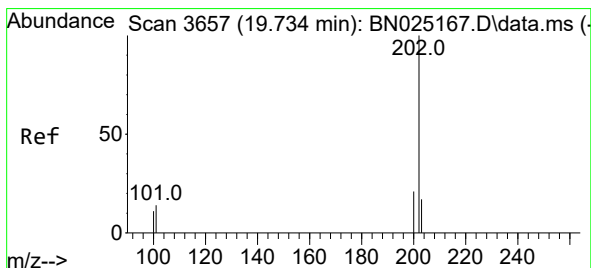
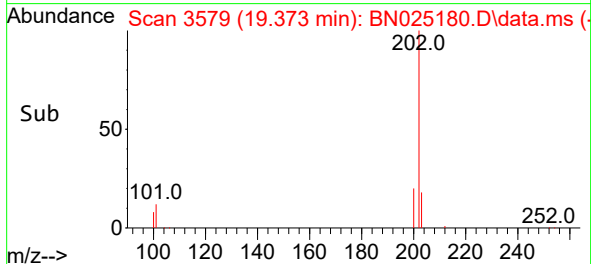
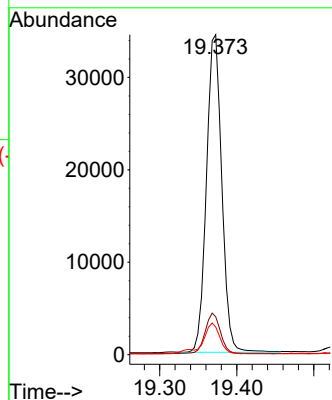
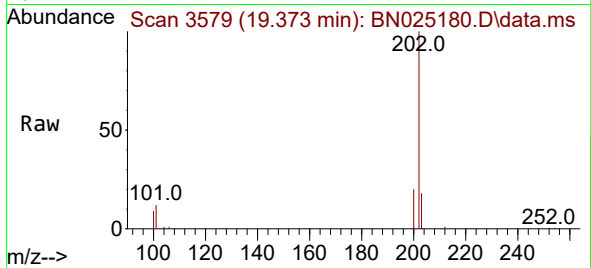




#19
Fluoranthene
Concen: 0.510 ng/ul
RT: 19.373 min Scan# 3579
Delta R.T. 0.001 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

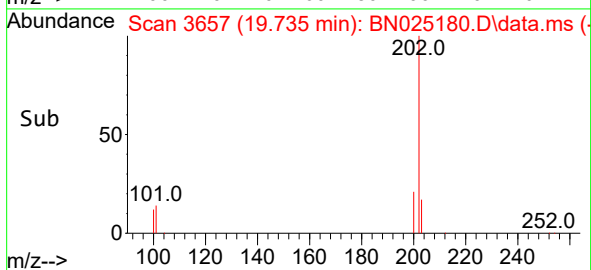
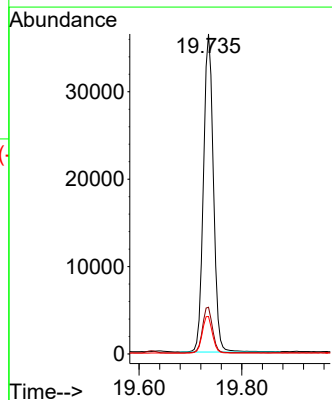
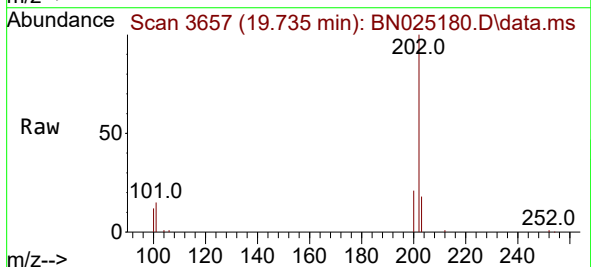
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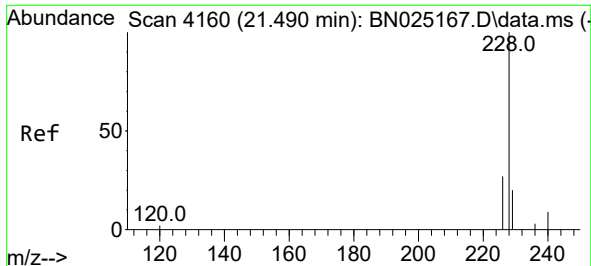
Tgt Ion:202 Resp: 47613
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 8.6 7.3 10.9



#20
Pyrene
Concen: 0.509 ng/ul
RT: 19.735 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

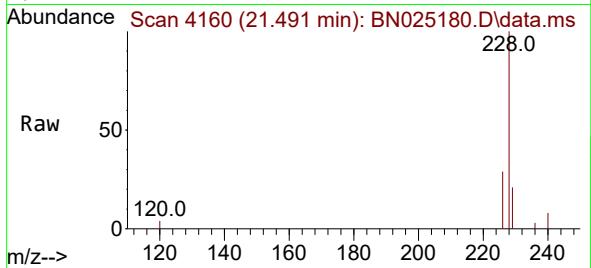
Tgt Ion:202 Resp: 48873
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 11.7 9.2 13.8



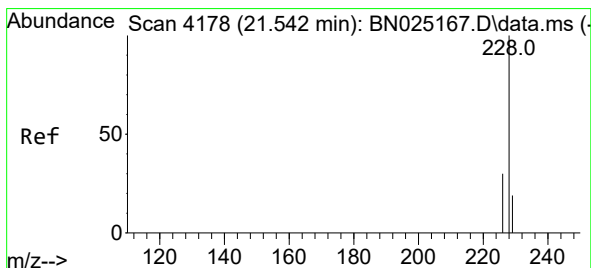
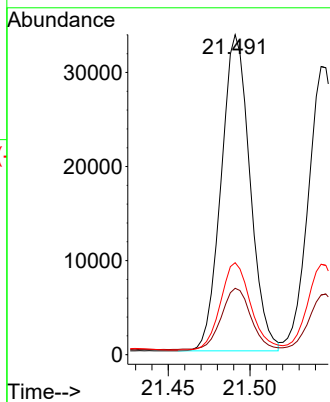
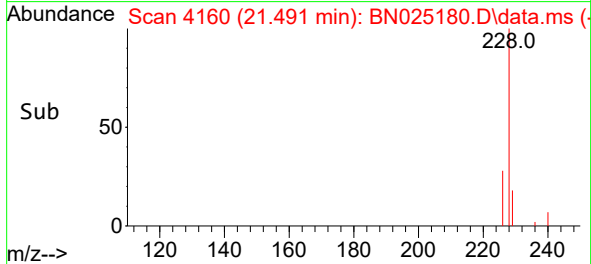


#21
Benzo(a)anthracene
Concen: 0.530 ng/ul
RT: 21.491 min Scan# 4160
Delta R.T. 0.001 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

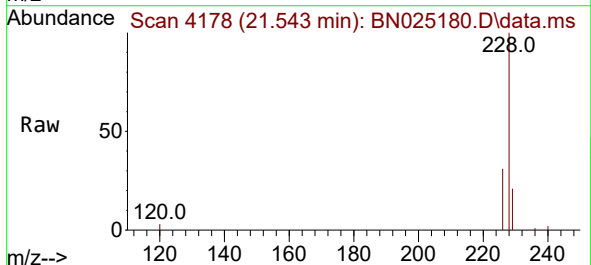
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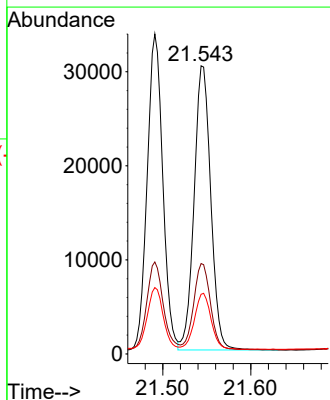
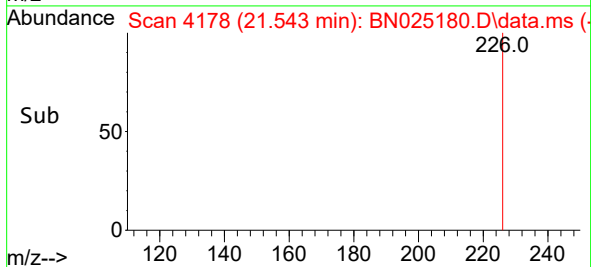
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Ion Ratio Lower Upper
228 100
229 20.7 15.6 23.4
226 28.8 22.1 33.1

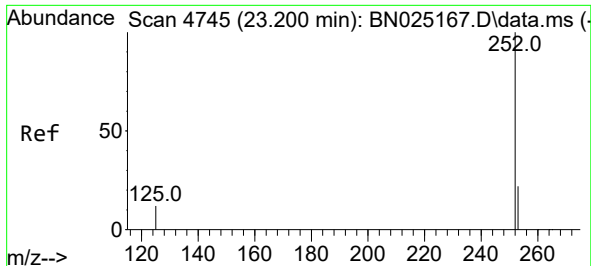


#22
Chrysene
Concen: 0.470 ng/ul
RT: 21.543 min Scan# 4178
Delta R.T. 0.001 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34



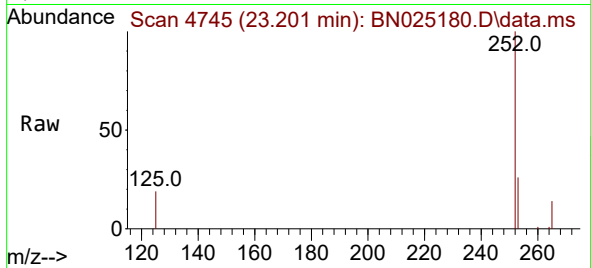
Tgt Ion:228 Resp: 39916
Ion Ratio Lower Upper
228 100
226 31.4 24.5 36.7
229 20.7 15.8 23.6



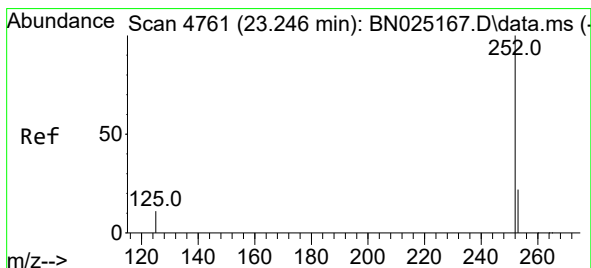
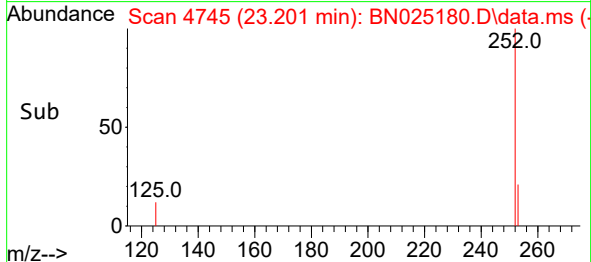
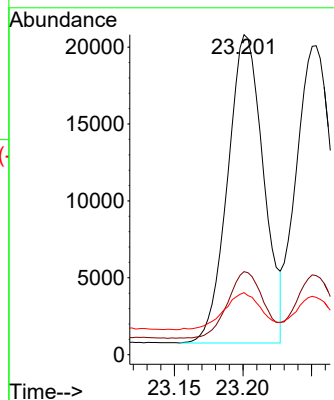


#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 23.201 min Scan# 4745
Delta R.T. 0.001 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

Instrument :
BNA_N
ClientSampleId :
SSTD0.4283

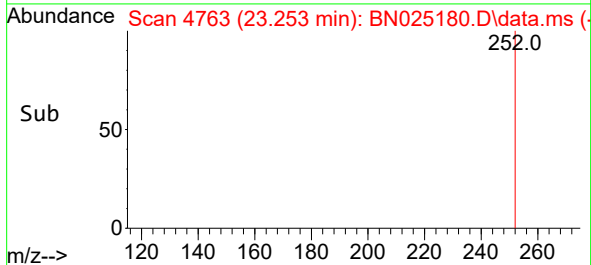
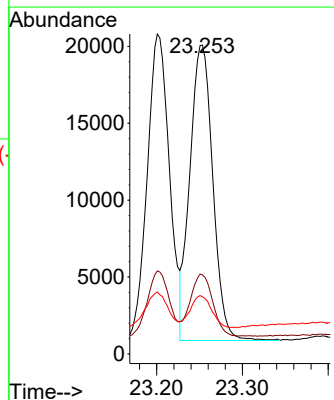
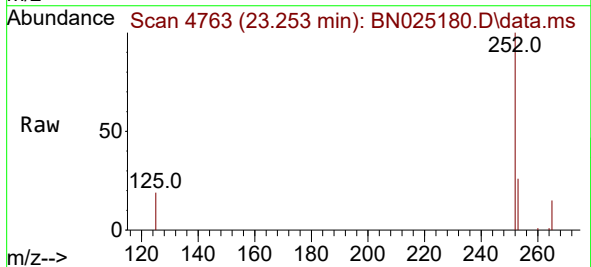


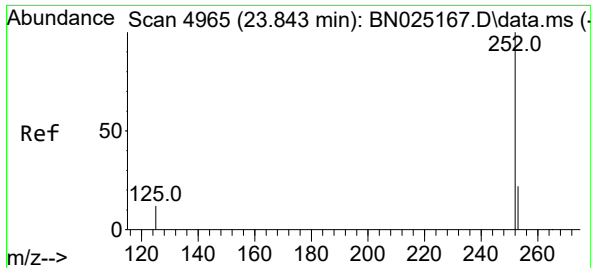
Tgt Ion:252 Resp: 36443
Ion Ratio Lower Upper
252 100
253 26.0 0.0 50.2
125 19.4 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul
RT: 23.253 min Scan# 4763
Delta R.T. 0.007 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

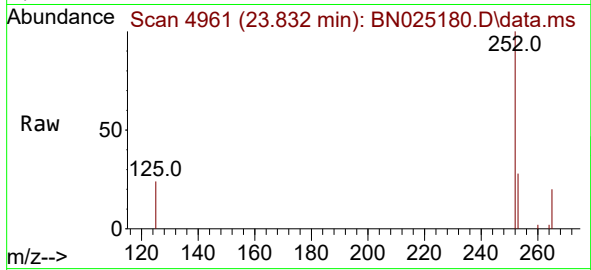
Tgt Ion:252 Resp: 35719
Ion Ratio Lower Upper
252 100
253 25.6 20.2 30.4
125 18.5 11.8 17.8#



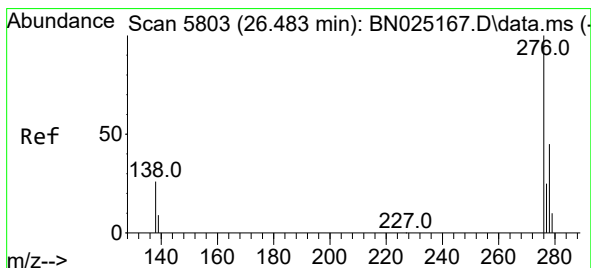
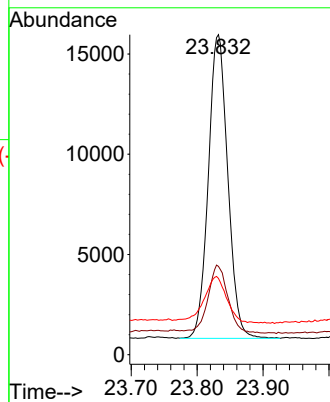
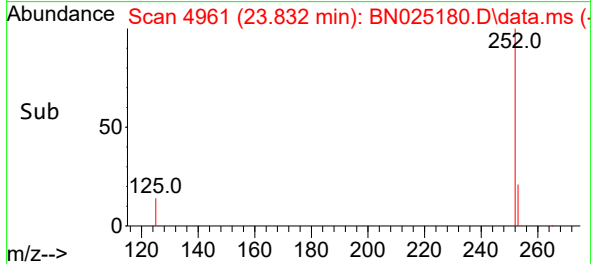


#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.832 min Scan# 4961
Delta R.T. -0.011 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

Instrument :
BNA_N
ClientSampleId :
SSTD0.4283

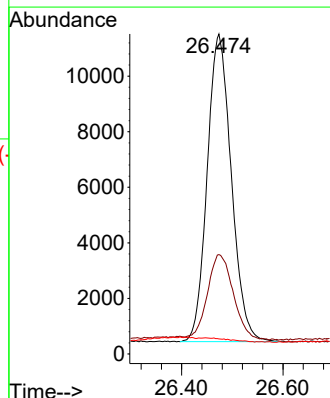
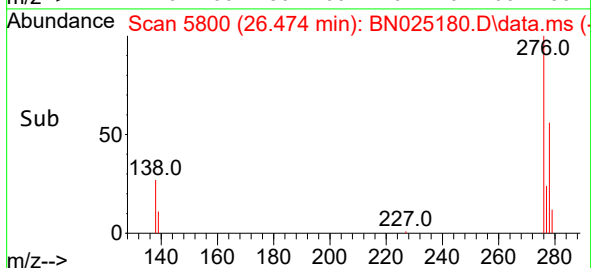
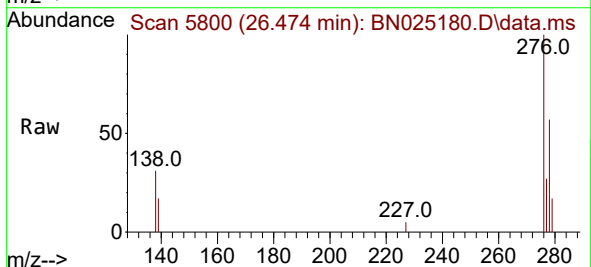


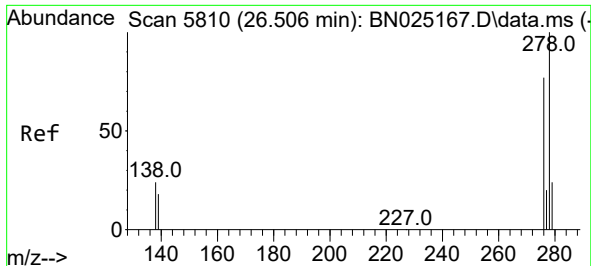
Tgt Ion:252 Resp: 31032
Ion Ratio Lower Upper
252 100
253 27.6 21.4 32.2
125 23.8 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng/ul
RT: 26.474 min Scan# 5800
Delta R.T. -0.009 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

Tgt Ion:276 Resp: 36593
Ion Ratio Lower Upper
276 100
138 29.8 21.9 32.9
227 0.0 0.1 0.1#

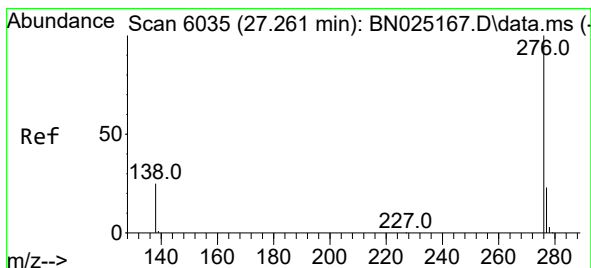
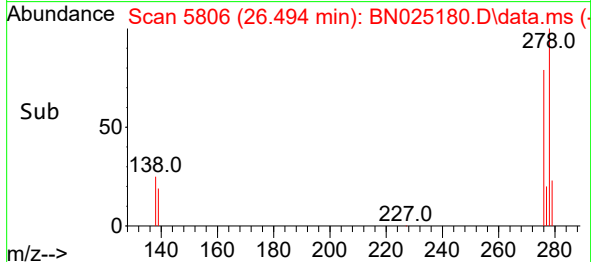
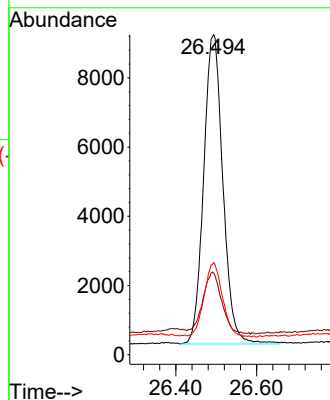
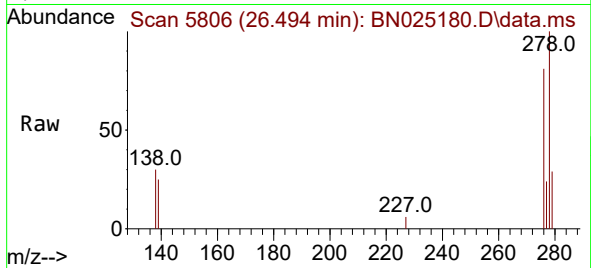




#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 26.494 min Scan# 5806
Delta R.T. -0.012 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

Instrument :
BNA_N
ClientSampleId :
SSTD0.4283

Tgt Ion:278 Resp: 29561
Ion Ratio Lower Upper
278 100
139 25.5 17.0 25.6
279 28.8 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.415 ng/ul
RT: 27.252 min Scan# 6032
Delta R.T. -0.009 min
Lab File: BN025180.D
Acq: 27 Apr 2023 16:34

Tgt Ion:276 Resp: 31663
Ion Ratio Lower Upper
276 100
138 29.1 20.3 30.5
277 26.5 19.8 29.6

