

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025233.D
 Acq On : 03 May 2023 10:00
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4290

Quant Time: May 04 04:28:22 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 : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

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

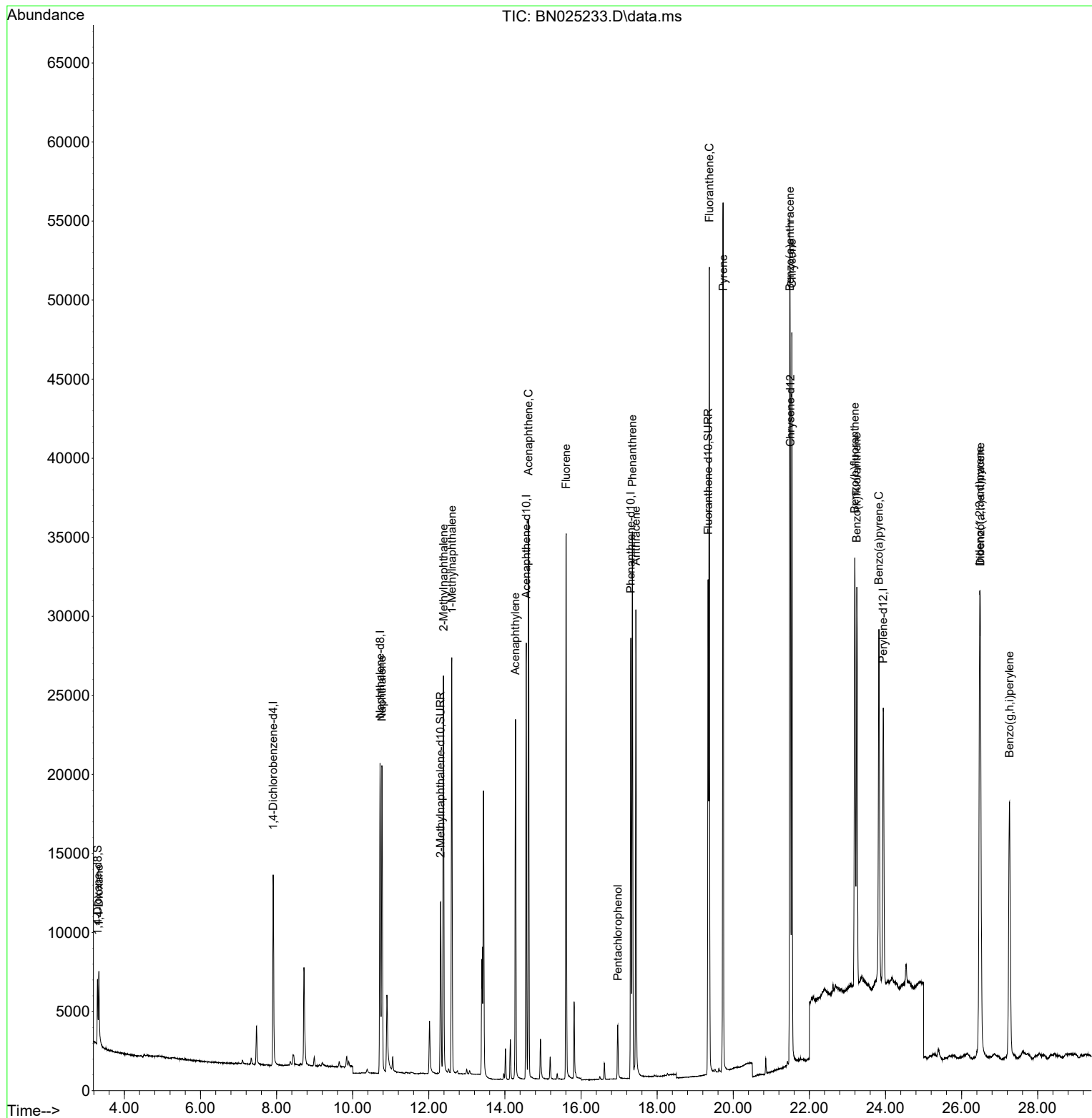
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	6707	0.400	ng/ul	0.00
4) Naphthalene-d8	10.719	136	25502	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.560	164	15043	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	32186	0.400	ng/ul	0.00
17) Chrysene-d12	21.504	240	28446	0.400	ng/ul	0.00
23) Perylene-d12	23.942	264	26421	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2618	0.377	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	14936	0.456	ng/ul	0.00
18) Fluoranthene-d10	19.339	212	32617	0.435	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	2904	0.388	ng/ul#	82
5) Naphthalene	10.768	128	27722	0.424	ng/ul	100
7) 2-Methylnaphthalene	12.385	142	18064	0.451	ng/ul	100
8) 1-Methylnaphthalene	12.605	142	18304	0.429	ng/ul	100
10) Acenaphthylene	14.278	152	26928	0.481	ng/ul	100
11) Acenaphthene	14.620	153	20126	0.426	ng/ul	99
12) Fluorene	15.610	166	22289	0.422	ng/ul	100
14) Pentachlorophenol	16.966	266	2443	0.387	ng/ul	99
15) Phenanthrene	17.350	178	36424	0.401	ng/ul	100
16) Anthracene	17.443	178	33598	0.452	ng/ul	100
19) Fluoranthene	19.371	202	43496	0.423	ng/ul	98
20) Pyrene	19.734	202	45578	0.431	ng/ul	99
21) Benzo(a)anthracene	21.487	228	41627	0.486	ng/ul	99
22) Chrysene	21.539	228	41037	0.439	ng/ul	100
24) Benzo(b)fluoranthene	23.197	252	39274	0.366	ng/ul	98
25) Benzo(k)fluoranthene	23.246	252	37396	0.363	ng/ul	98
26) Benzo(a)pyrene	23.828	252	32997	0.372	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.476	276	39009	0.382	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.492	278	30839	0.386	ng/ul	98
29) Benzo(g,h,i)perylene	27.260	276	32069	0.369	ng/ul	98

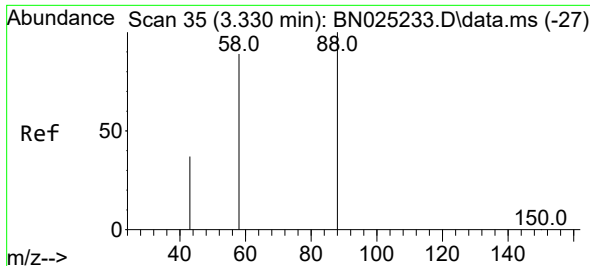
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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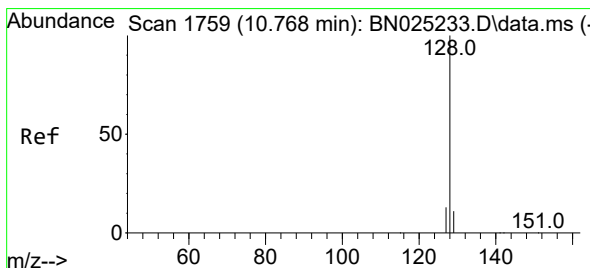
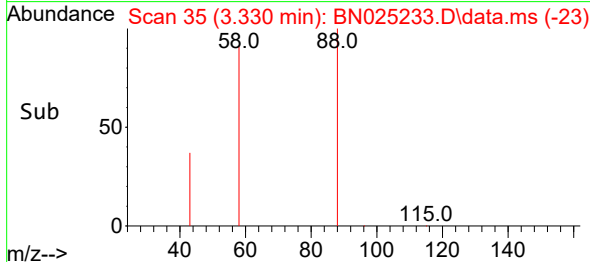
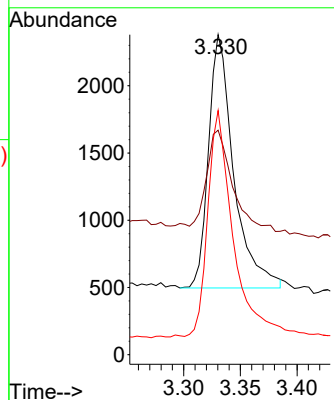
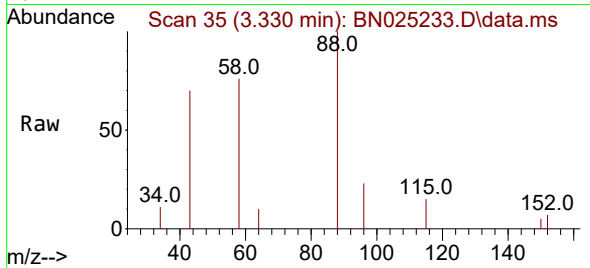




#2
1,4-Dioxane
Concen: 0.388 ng/ul
RT: 3.330 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

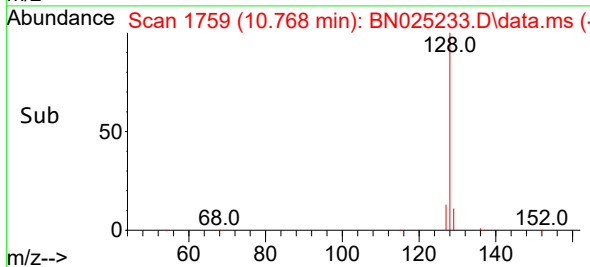
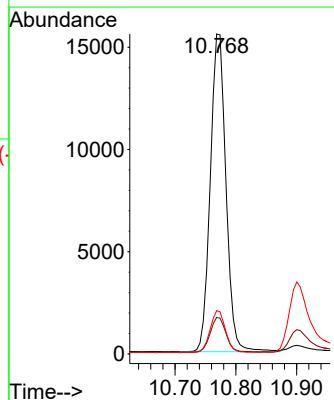
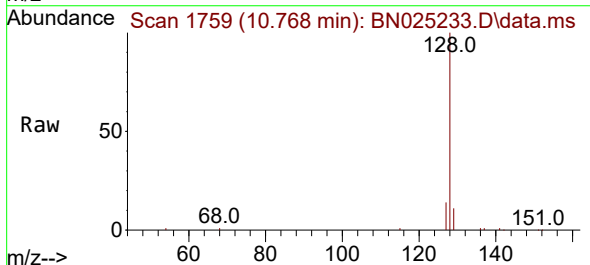
Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

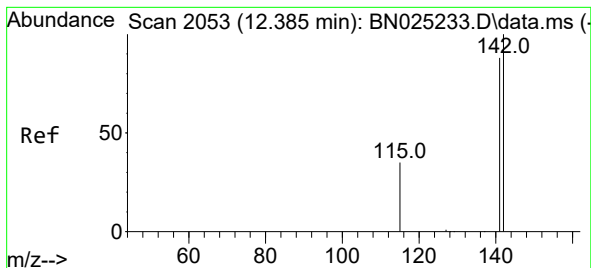
Tgt Ion: 88 Resp: 2904
Ion Ratio Lower Upper
88 100
43 70.2 37.0 55.4#
58 76.3 56.9 85.3



#5
Naphthalene
Concen: 0.424 ng/ul
RT: 10.768 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

Tgt Ion:128 Resp: 27722
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.5 10.7 16.1

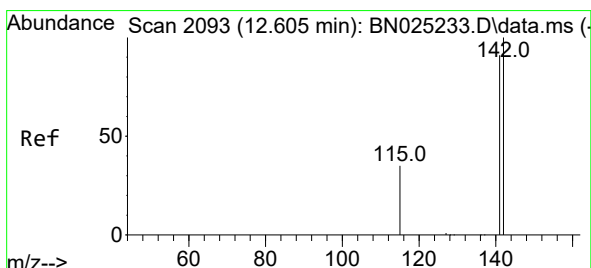
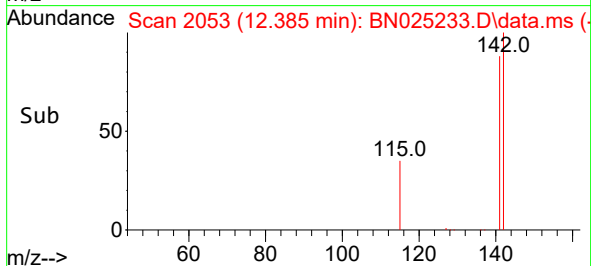
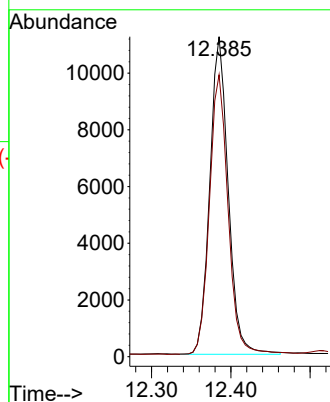
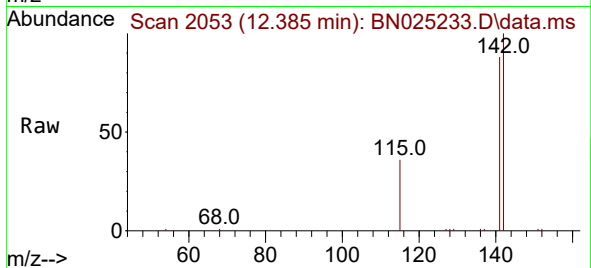




#7
2-Methylnaphthalene
Concen: 0.451 ng/ul
RT: 12.385 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

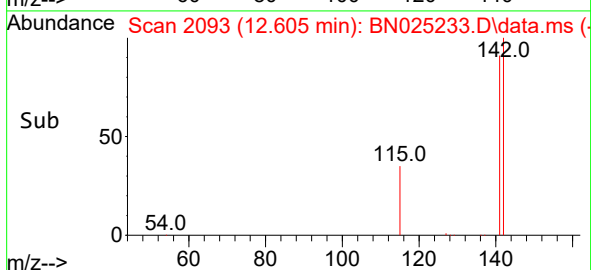
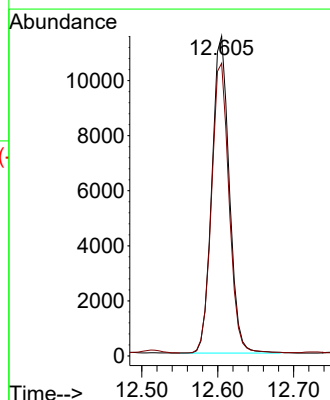
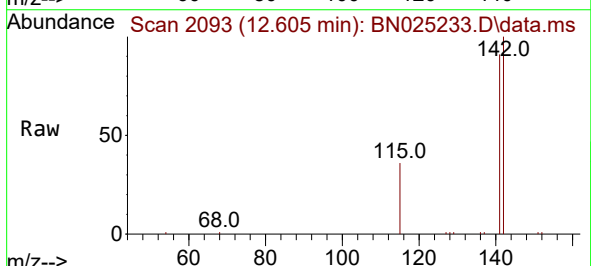
Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

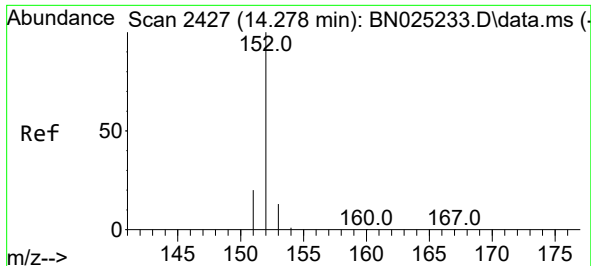
Tgt Ion:142 Resp: 18064
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.605 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

Tgt Ion:142 Resp: 18304
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6

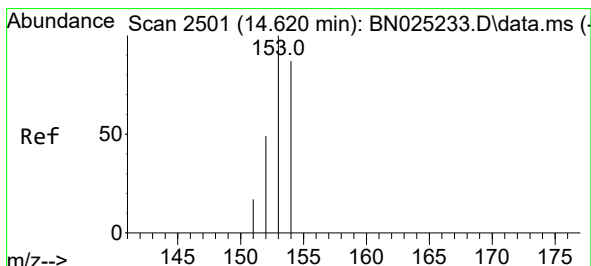
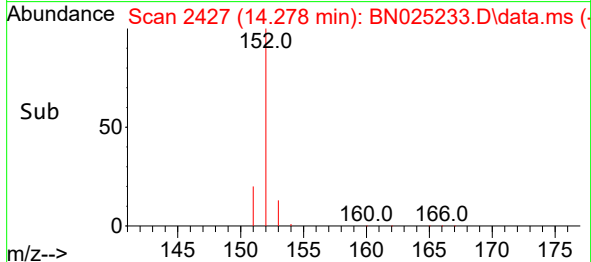
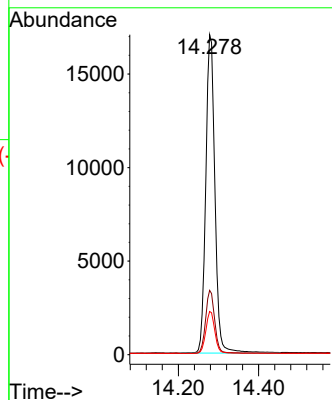
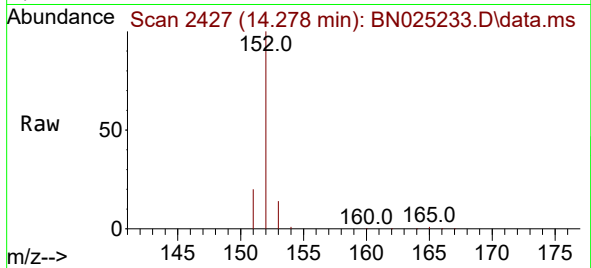




#10
Acenaphthylene
Concen: 0.481 ng/ul
RT: 14.278 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

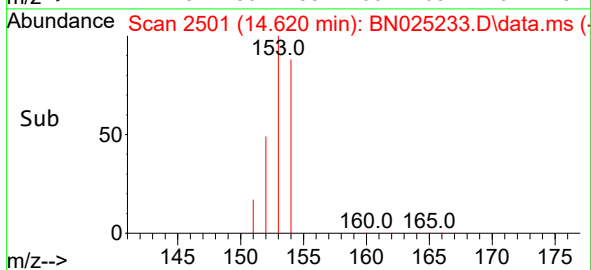
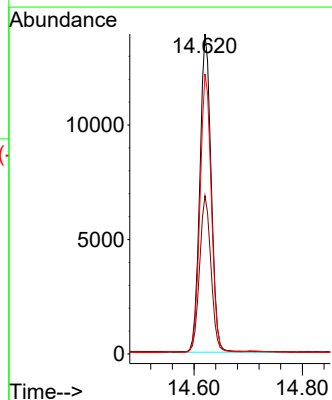
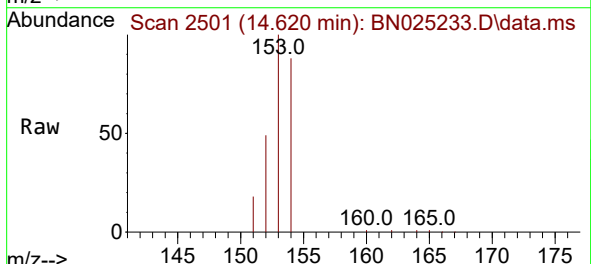
Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

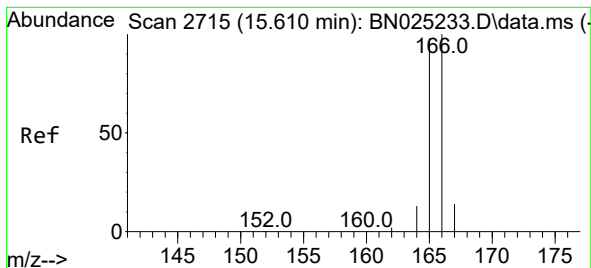
Tgt Ion:152 Resp: 26928
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.426 ng/ul
RT: 14.620 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

Tgt Ion:153 Resp: 20126
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 87.5 69.4 104.2





#12

Fluorene

Concen: 0.422 ng/ul

RT: 15.610 min Scan# 2715

Delta R.T. 0.000 min

Lab File: BN025233.D

Acq: 03 May 2023 10:00

Instrument :

BNA_N

ClientSampleId :

SSTD0.4290

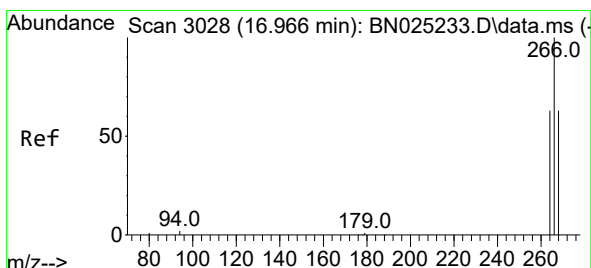
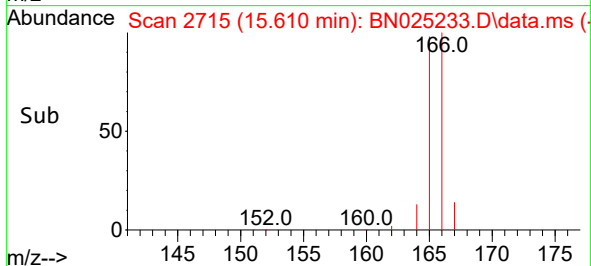
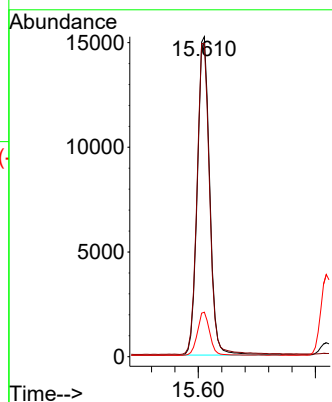
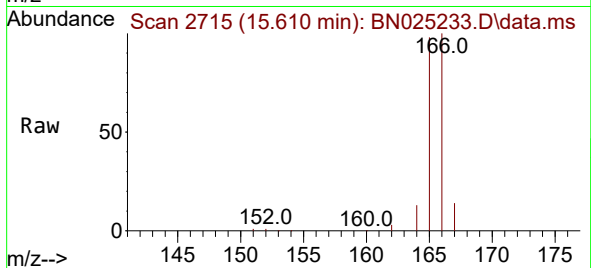
Tgt Ion:166 Resp: 22289

Ion Ratio Lower Upper

166 100

165 97.9 78.1 117.1

167 13.9 11.0 16.6



#14

Pentachlorophenol

Concen: 0.387 ng/ul

RT: 16.966 min Scan# 3028

Delta R.T. 0.000 min

Lab File: BN025233.D

Acq: 03 May 2023 10:00

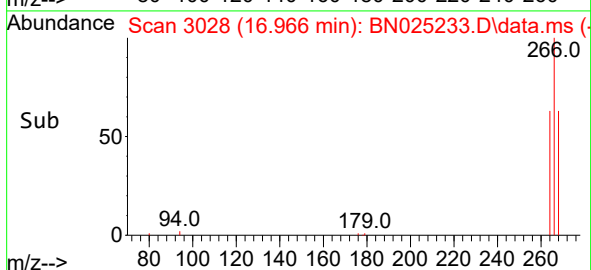
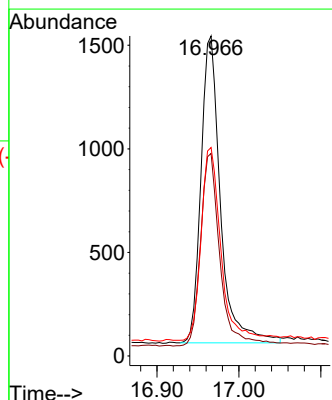
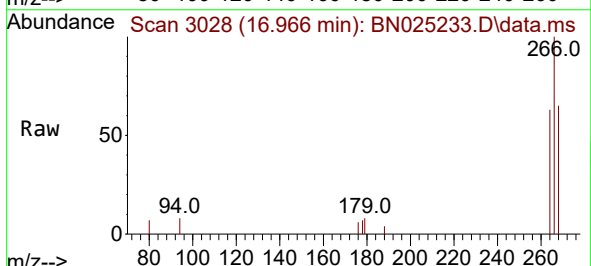
Tgt Ion:266 Resp: 2443

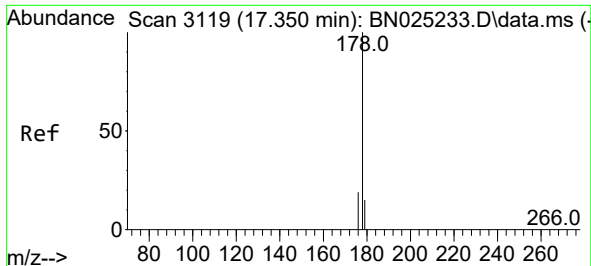
Ion Ratio Lower Upper

266 100

264 62.8 49.6 74.4

268 64.1 51.3 76.9

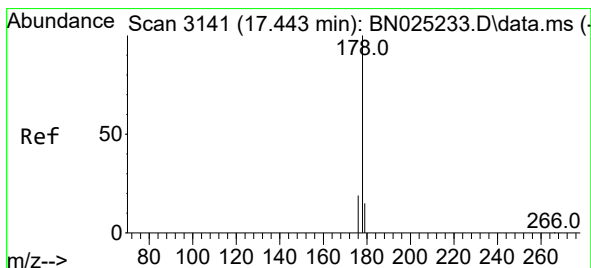
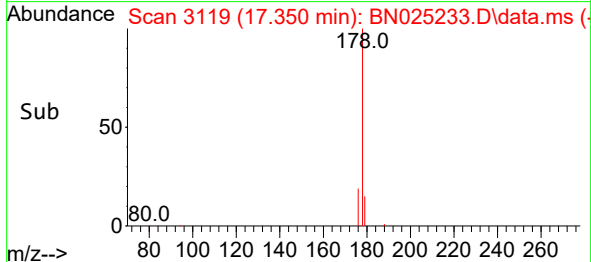
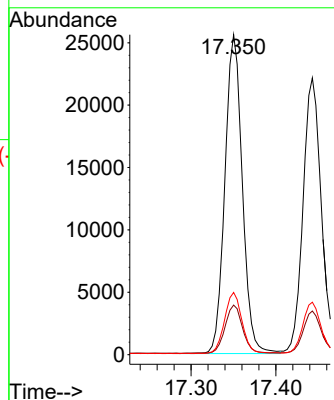
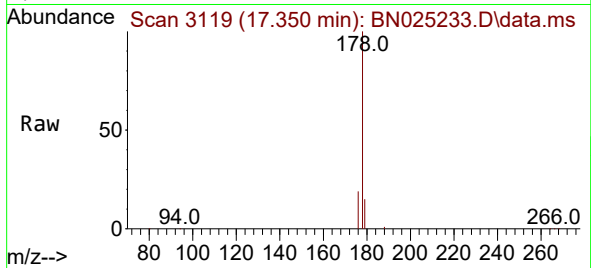




#15
Phenanthrene
Concen: 0.401 ng/ul
RT: 17.350 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

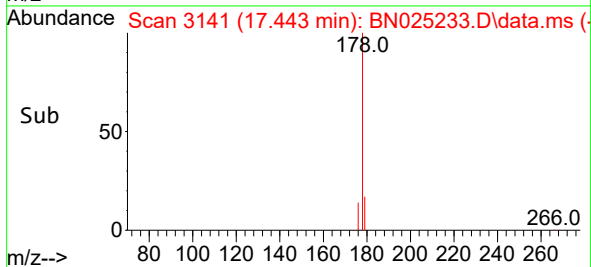
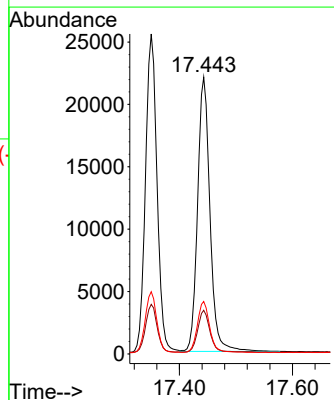
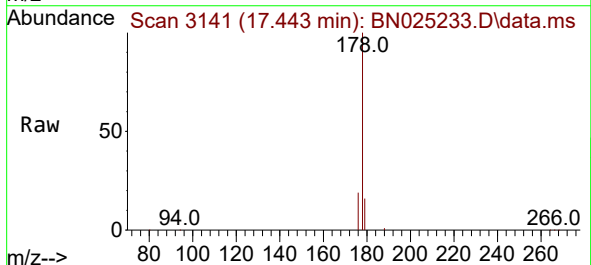
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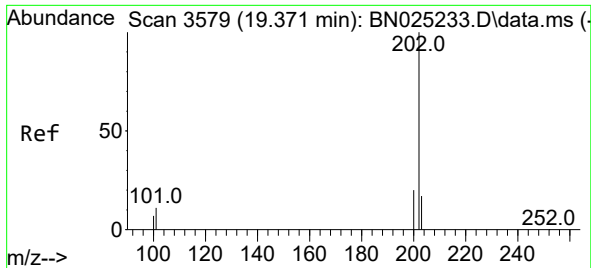
Tgt Ion:178 Resp: 36424
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.452 ng/ul
RT: 17.443 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

Tgt Ion:178 Resp: 33598
Ion Ratio Lower Upper
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179 15.8 12.7 19.1
176 19.0 15.3 22.9

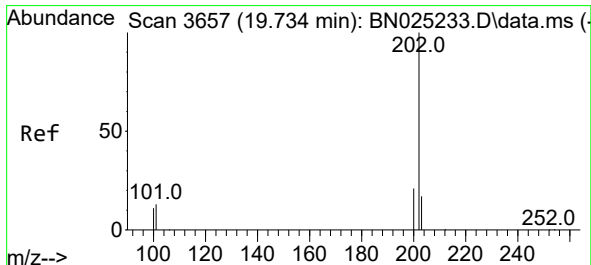
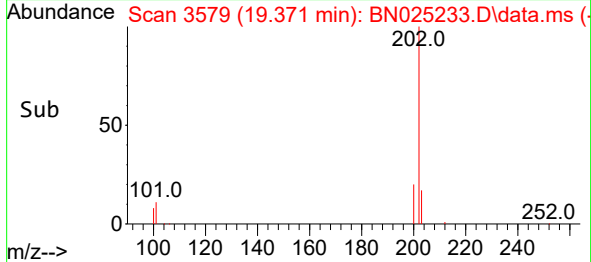
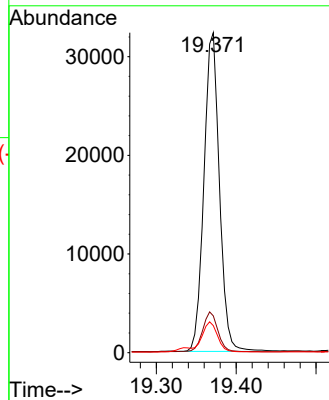
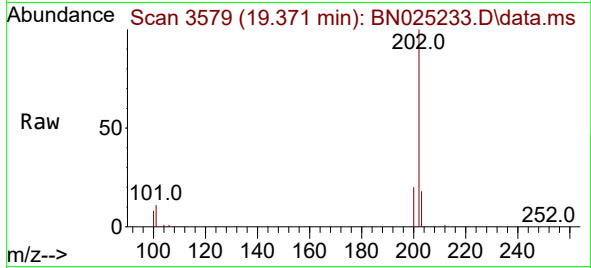




#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.371 min Scan# 3579
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

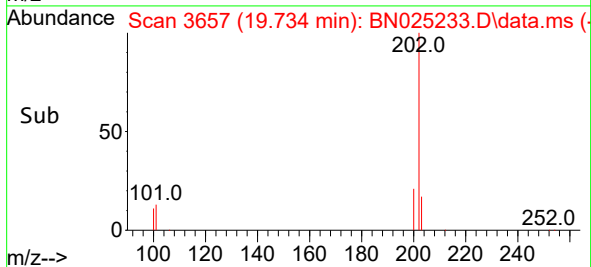
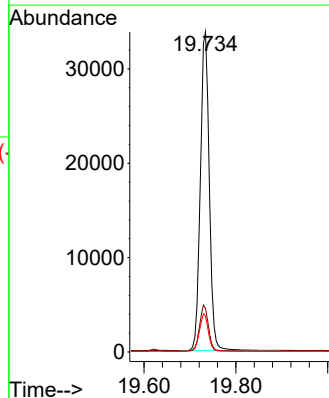
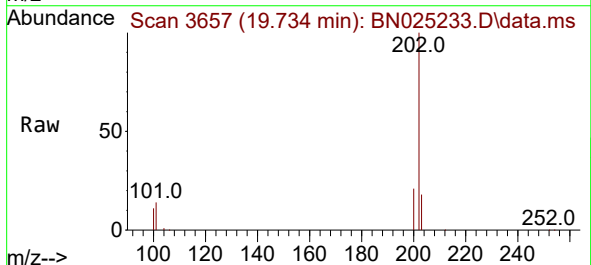
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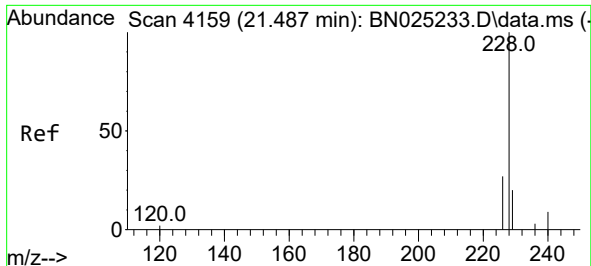
Tgt Ion:202 Resp: 43496
Ion Ratio Lower Upper
202 100
101 11.5 9.7 14.5
100 8.5 7.3 10.9



#20
Pyrene
Concen: 0.431 ng/ul
RT: 19.734 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

Tgt Ion:202 Resp: 45578
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 11.3 9.2 13.8

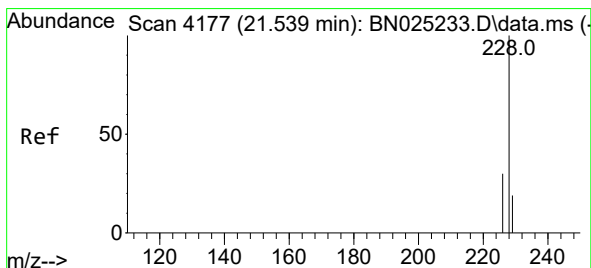
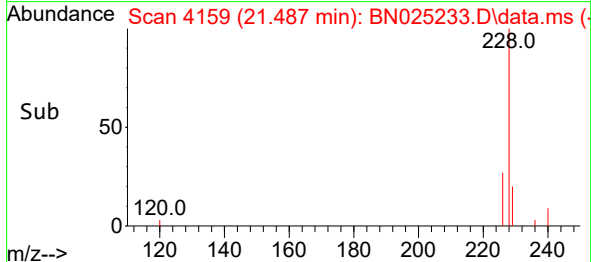
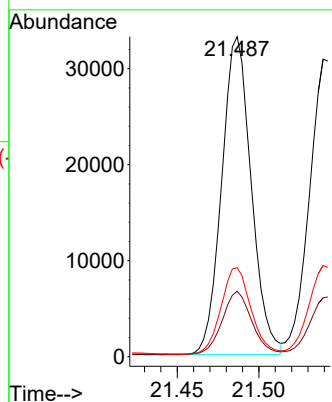
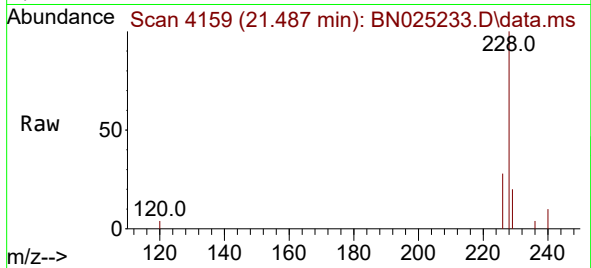




#21
Benzo(a)anthracene
Concen: 0.486 ng/ul
RT: 21.487 min Scan# 4159
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

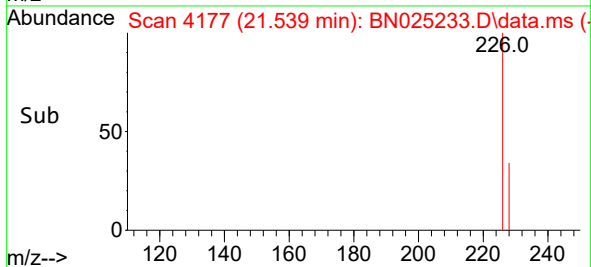
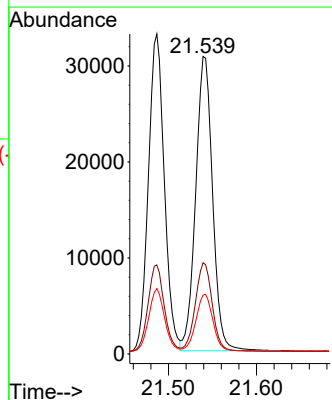
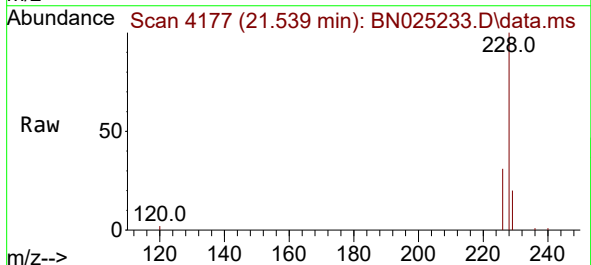
Instrument :
BNA_N
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SSTD0.4290

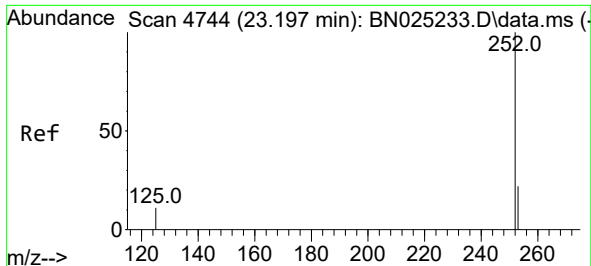
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Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 27.8 22.1 33.1



#22
Chrysene
Concen: 0.439 ng/ul
RT: 21.539 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

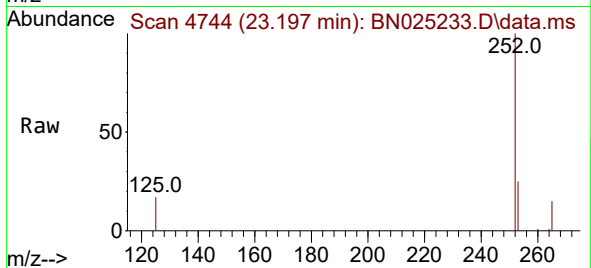
Tgt Ion:228 Resp: 41037
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 19.8 15.8 23.6



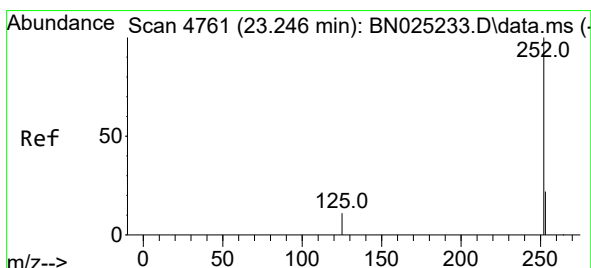
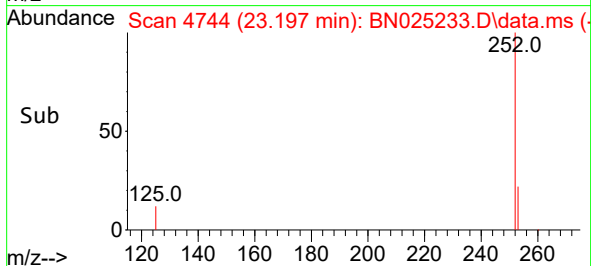
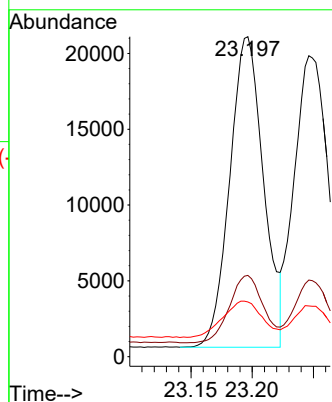


#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 23.197 min Scan# 4744
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

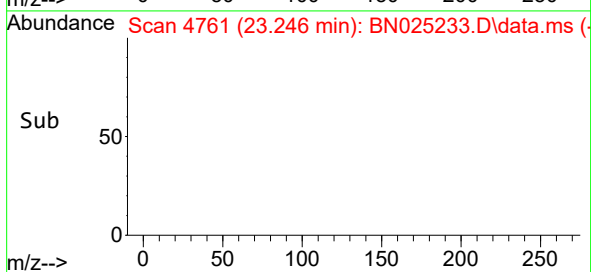
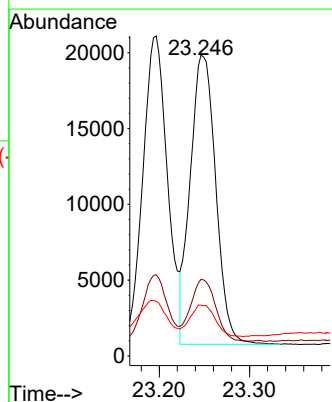
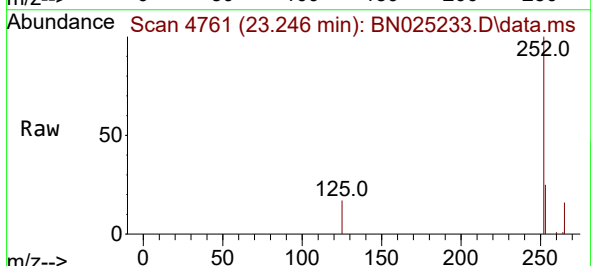


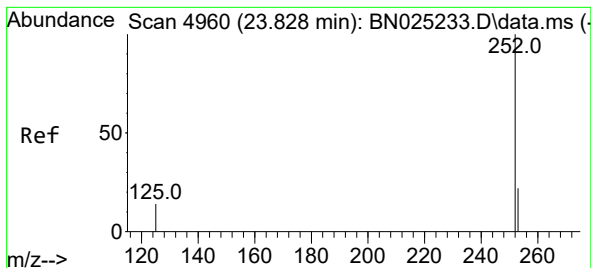
Tgt Ion:252 Resp: 39274
Ion Ratio Lower Upper
252 100
253 25.4 0.0 50.2
125 17.1 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 23.246 min Scan# 4761
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

Tgt Ion:252 Resp: 37396
Ion Ratio Lower Upper
252 100
253 25.5 20.2 30.4
125 16.8 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.372 ng/ul

RT: 23.828 min Scan# 4960

Delta R.T. 0.000 min

Lab File: BN025233.D

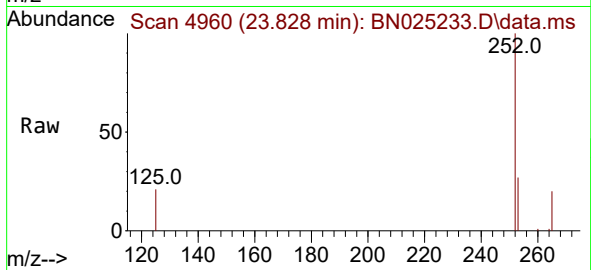
Acq: 03 May 2023 10:00

Instrument :

BNA_N

ClientSampleId :

SSTD0.4290



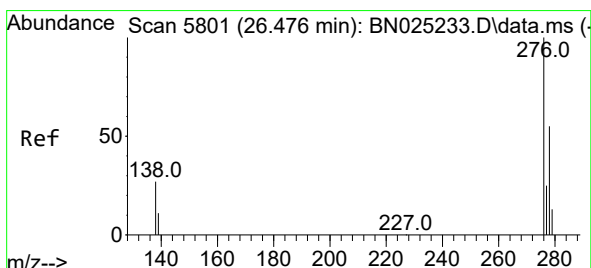
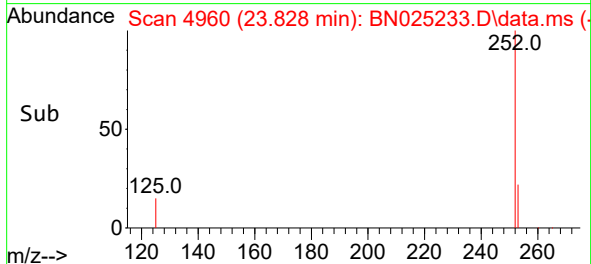
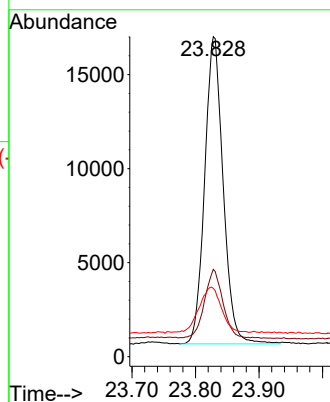
Tgt Ion:252 Resp: 32997

Ion Ratio Lower Upper

252 100

253 27.3 21.4 32.2

125 21.4 14.6 22.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.382 ng/ul

RT: 26.476 min Scan# 5801

Delta R.T. 0.000 min

Lab File: BN025233.D

Acq: 03 May 2023 10:00

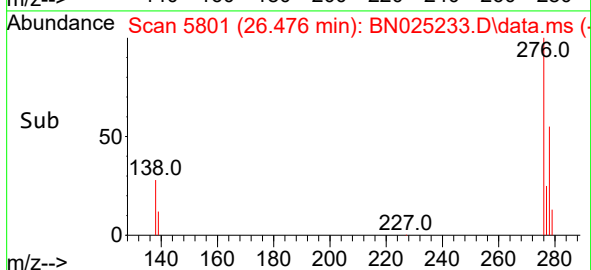
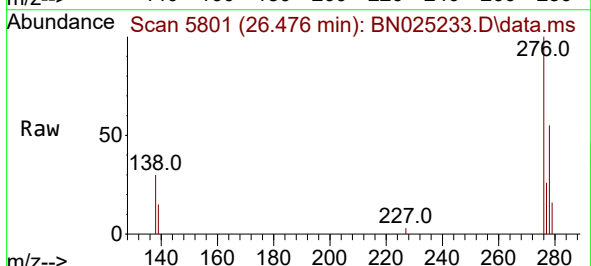
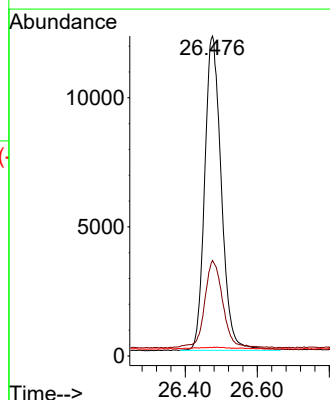
Tgt Ion:276 Resp: 39009

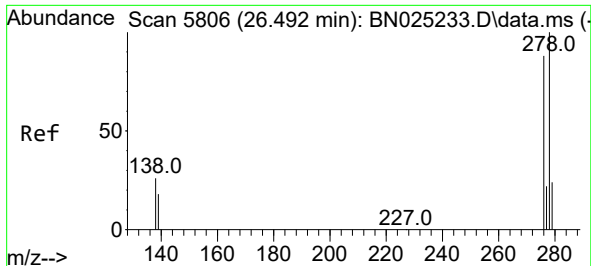
Ion Ratio Lower Upper

276 100

138 30.8 21.9 32.9

227 0.0 0.1 0.1#

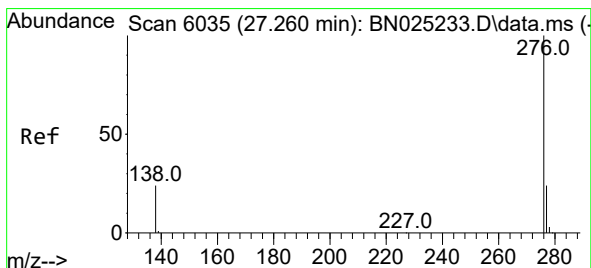
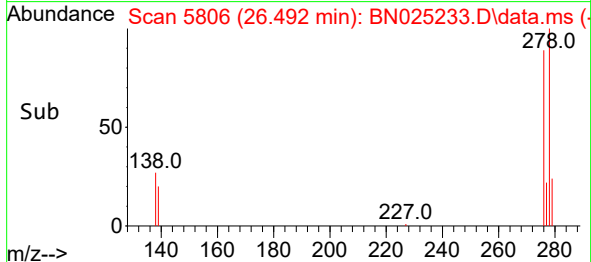
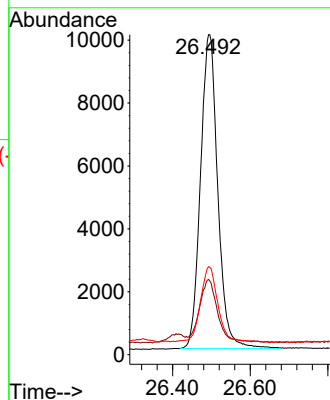
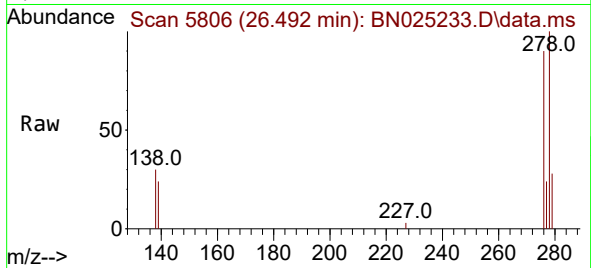




#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 26.492 min Scan# 5806
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.4290

Tgt Ion:278 Resp: 30839
Ion Ratio Lower Upper
278 100
139 23.5 17.0 25.6
279 27.5 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.369 ng/ul
RT: 27.260 min Scan# 6035
Delta R.T. 0.000 min
Lab File: BN025233.D
Acq: 03 May 2023 10:00

Tgt Ion:276 Resp: 32069
Ion Ratio Lower Upper
276 100
138 26.8 20.3 30.5
277 25.6 19.8 29.6

