

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
 Data File : BN025011.D
 Acq On : 19 Apr 2023 21:02
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4271

Quant Time: Apr 20 04:22:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 19 18:38:47 2023
 Response via : Initial Calibration

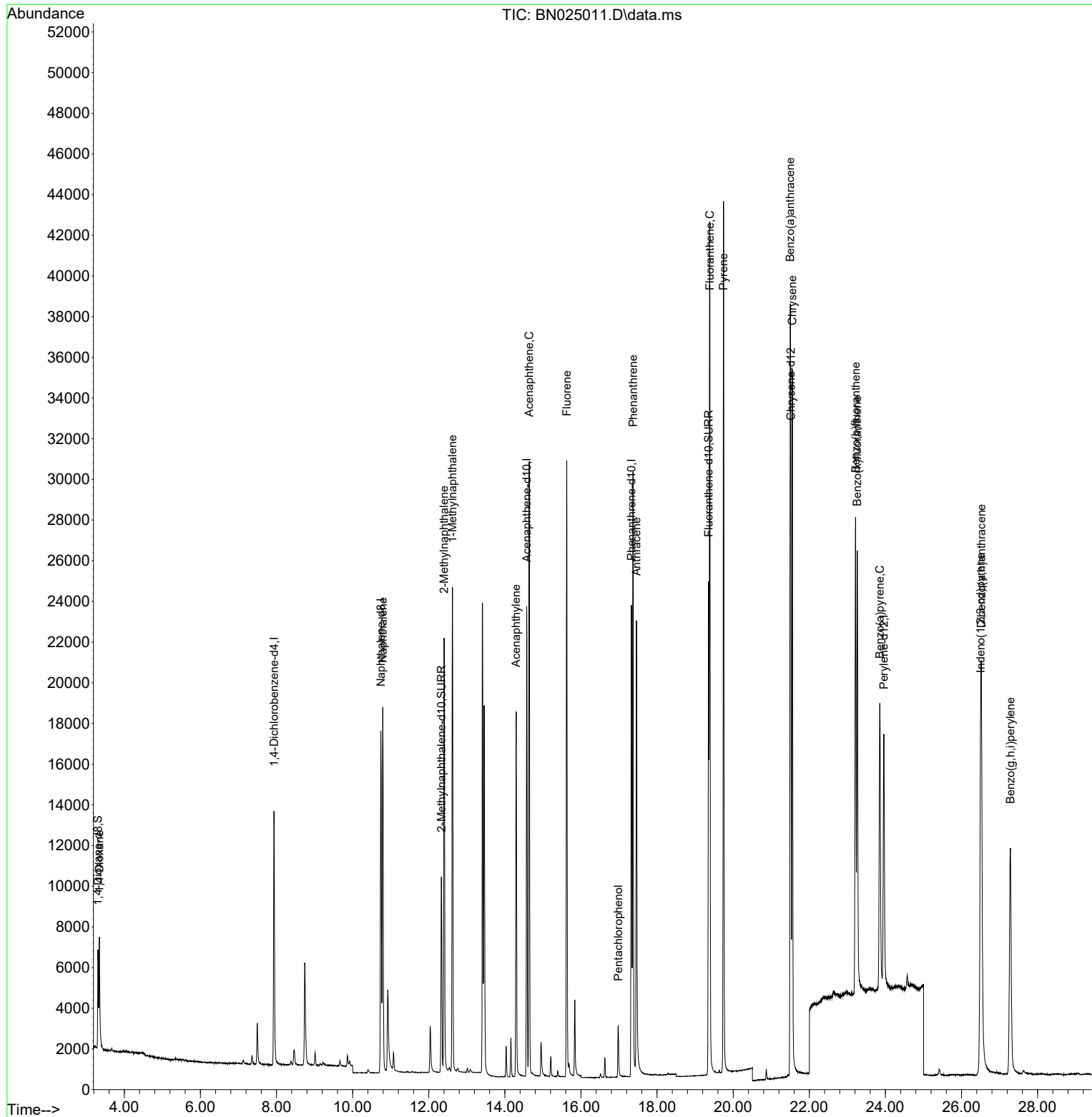
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	7145	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	22007	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	12445	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	26804	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	21603	0.400	ng/ul	0.00
23) Perylene-d12	23.958	264	17865	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	3182	0.408	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	12690	0.449	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	26682	0.497	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	3499	0.407	ng/ul	93
5) Naphthalene	10.792	128	25112	0.448	ng/ul	99
7) 2-Methylnaphthalene	12.403	142	15377	0.441	ng/ul	99
8) 1-Methylnaphthalene	12.623	142	16348	0.442	ng/ul	100
10) Acenaphthylene	14.297	152	21061	0.451	ng/ul	99
11) Acenaphthene	14.639	153	17509	0.438	ng/ul	98
12) Fluorene	15.625	166	19569	0.437	ng/ul	99
14) Pentachlorophenol	16.979	266	1914	0.335	ng/ul	99
15) Phenanthrene	17.368	178	32778	0.434	ng/ul	100
16) Anthracene	17.457	178	27077	0.431	ng/ul	99
19) Fluoranthene	19.382	202	36356	0.489	ng/ul	99
20) Pyrene	19.744	202	37209	0.488	ng/ul	99
21) Benzo(a)anthracene	21.500	228	29777	0.436	ng/ul	99
22) Chrysene	21.552	228	32482	0.440	ng/ul	100
24) Benzo(b)fluoranthene	23.215	252	30644	0.428	ng/ul	99
25) Benzo(k)fluoranthene	23.259	252	29347	0.420	ng/ul	100
26) Benzo(a)pyrene	23.853	252	24500	0.412	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.500	276	29301	0.418	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.521	278	23267	0.422	ng/ul	99
29) Benzo(g,h,i)perylene	27.285	276	24976	0.421	ng/ul	99

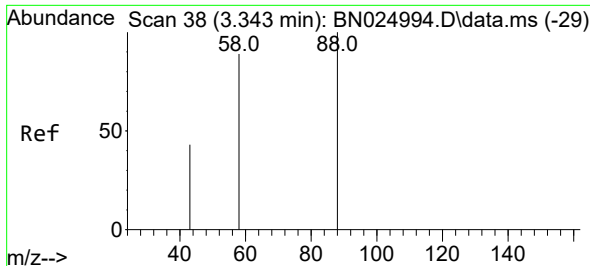
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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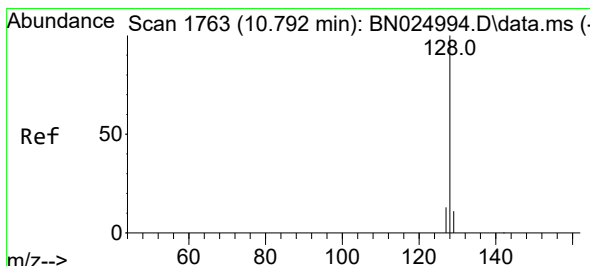
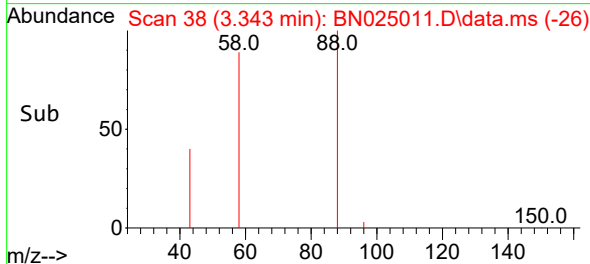
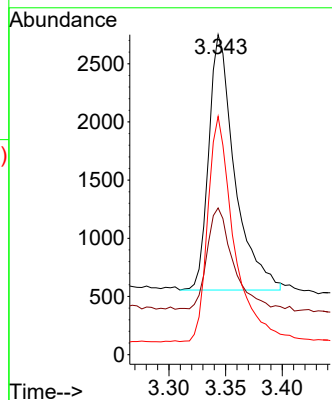
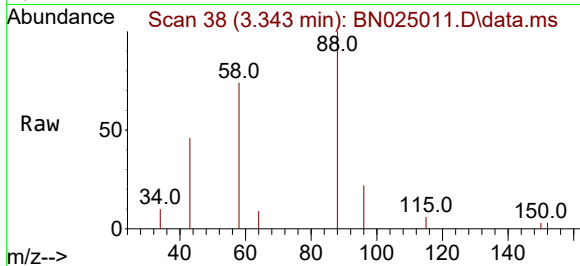




#2
 1,4-Dioxane
 Concen: 0.407 ng/ul
 RT: 3.343 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN025011.D
 Acq: 19 Apr 2023 21:02

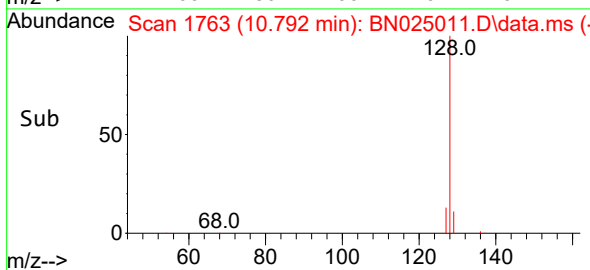
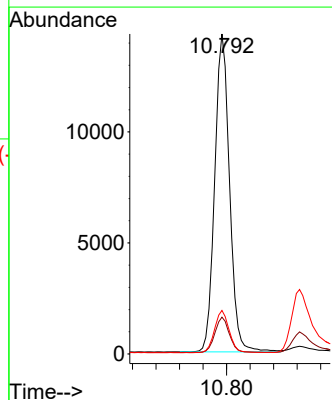
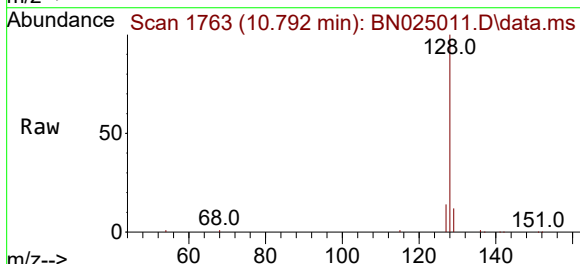
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4271

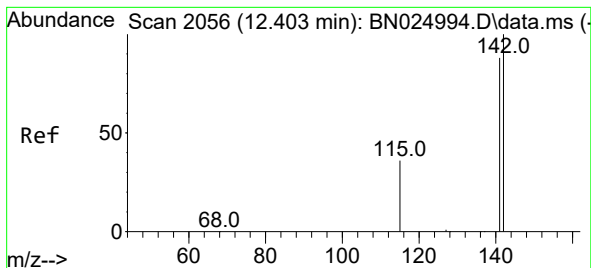
Tgt Ion: 88 Resp: 3499
 Ion Ratio Lower Upper
 88 100
 43 45.9 39.1 58.7
 58 74.4 65.7 98.5



#5
 Naphthalene
 Concen: 0.448 ng/ul
 RT: 10.792 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: BN025011.D
 Acq: 19 Apr 2023 21:02

Tgt Ion: 128 Resp: 25112
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.1 13.7
 127 13.6 10.5 15.7

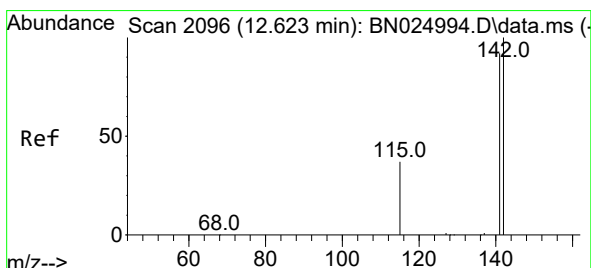
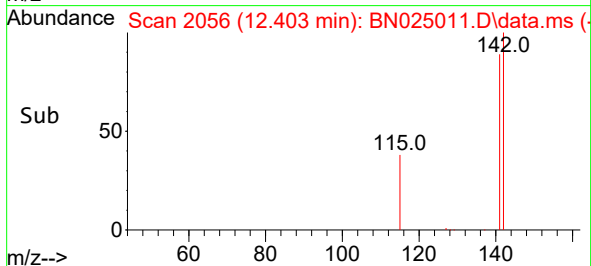
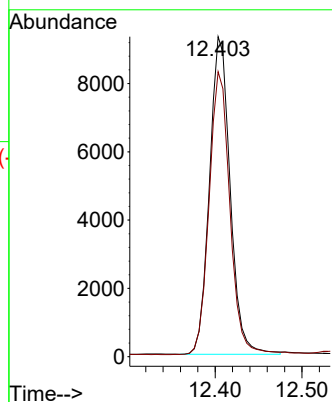
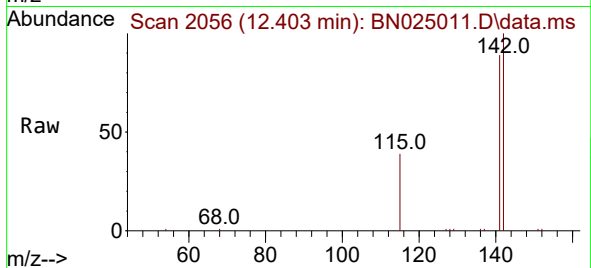




#7
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN025011.D
Acq: 19 Apr 2023 21:02

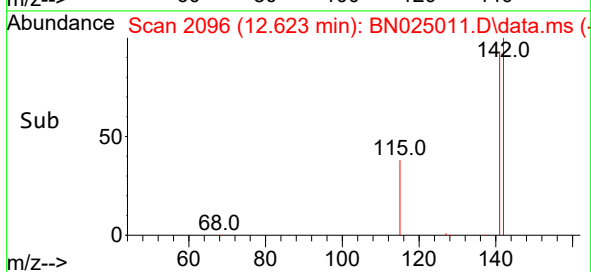
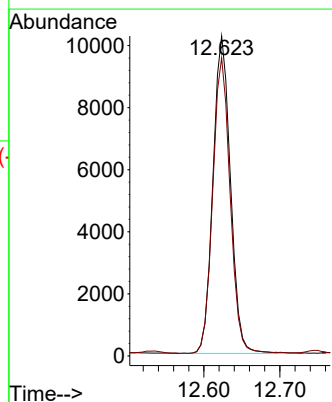
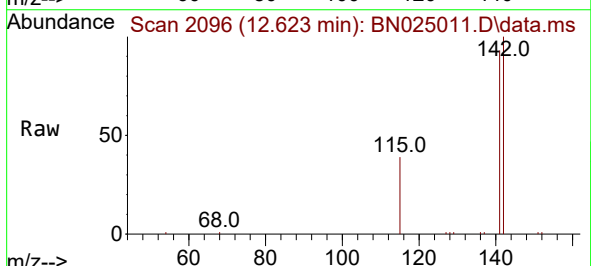
Instrument :
BNA_N
ClientSampleId :
SSTD0.4271

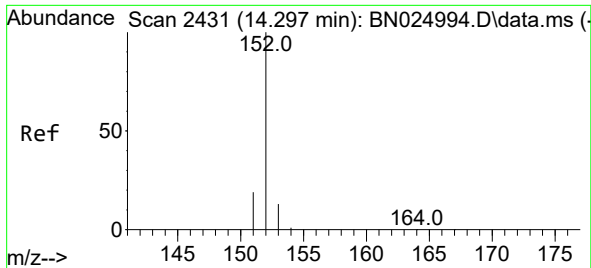
Tgt Ion:142 Resp: 15377
Ion Ratio Lower Upper
142 100
141 89.5 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN025011.D
Acq: 19 Apr 2023 21:02

Tgt Ion:142 Resp: 16348
Ion Ratio Lower Upper
142 100
141 92.6 74.0 111.0

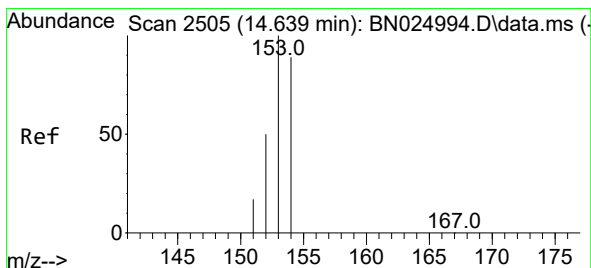
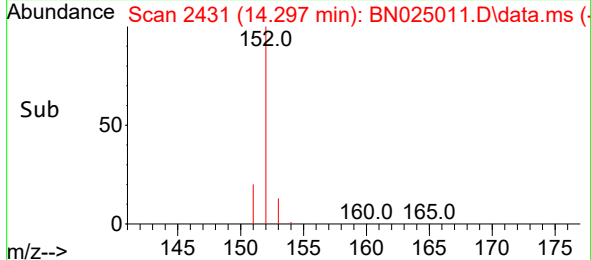
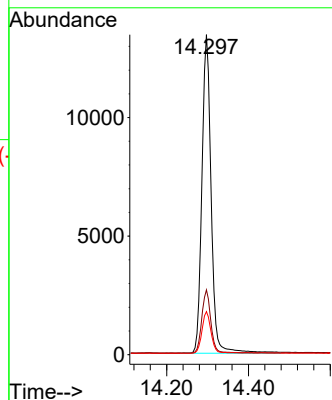
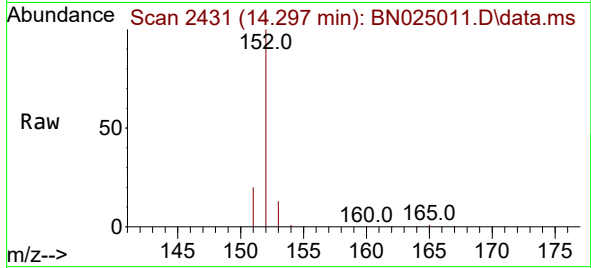




#10
Acenaphthylene
Concen: 0.451 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN025011.D
Acq: 19 Apr 2023 21:02

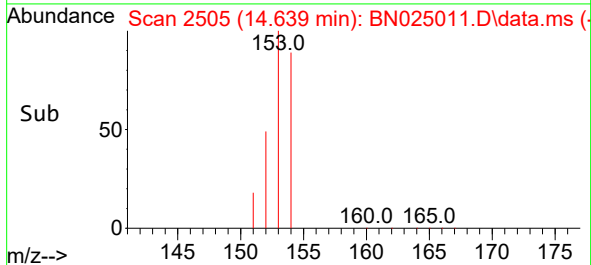
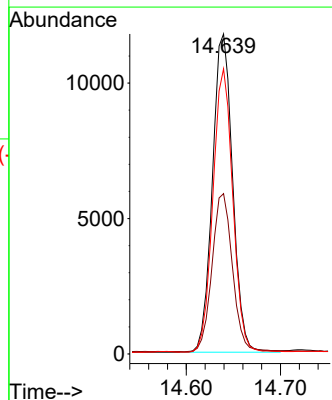
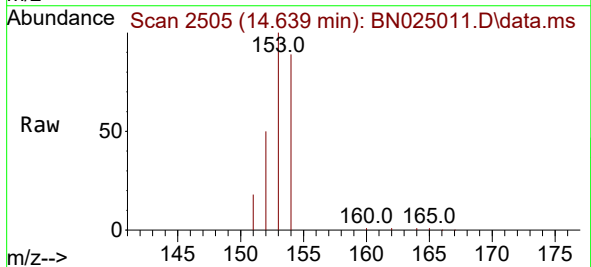
Instrument :
BNA_N
ClientSampleId :
SSTD0.4271

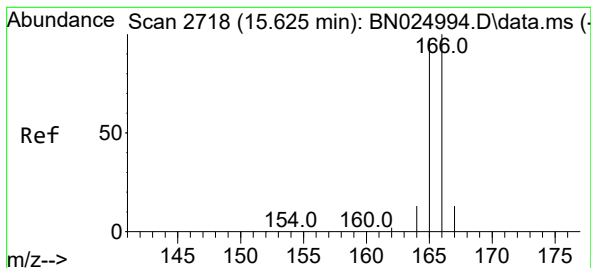
Tgt Ion:152 Resp: 21061
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.4 10.6 16.0



#11
Acenaphthene
Concen: 0.438 ng/ul
RT: 14.639 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN025011.D
Acq: 19 Apr 2023 21:02

Tgt Ion:153 Resp: 17509
Ion Ratio Lower Upper
153 100
152 50.1 40.7 61.1
154 89.1 69.4 104.2





#12

Fluorene

Concen: 0.437 ng/ul

RT: 15.625 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN025011.D

Acq: 19 Apr 2023 21:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.4271

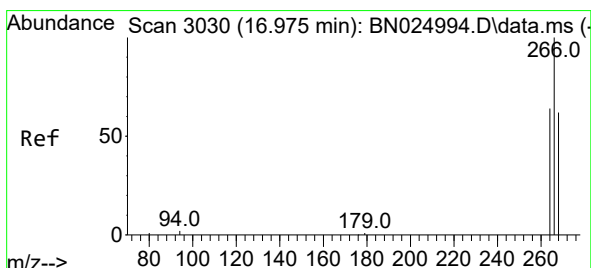
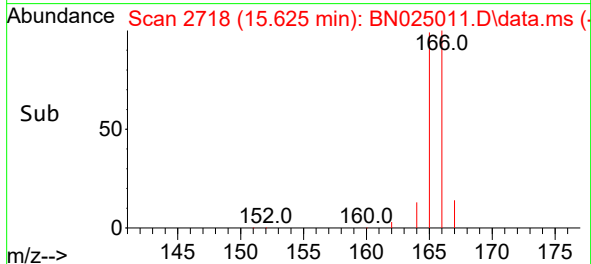
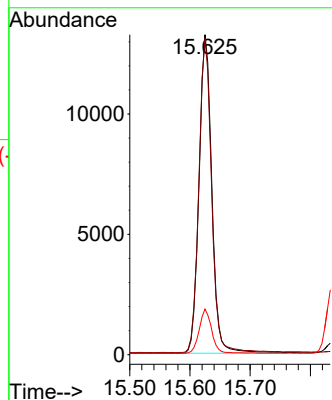
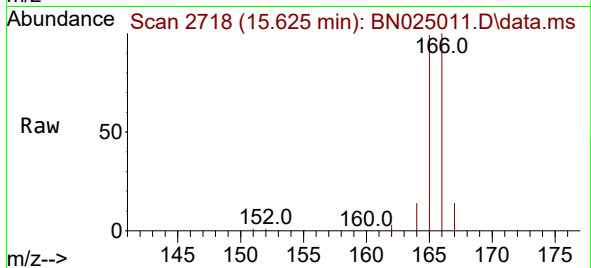
Tgt Ion:166 Resp: 19569

Ion Ratio Lower Upper

166 100

165 98.9 80.1 120.1

167 14.3 10.7 16.1



#14

Pentachlorophenol

Concen: 0.335 ng/ul

RT: 16.979 min Scan# 3031

Delta R.T. 0.004 min

Lab File: BN025011.D

Acq: 19 Apr 2023 21:02

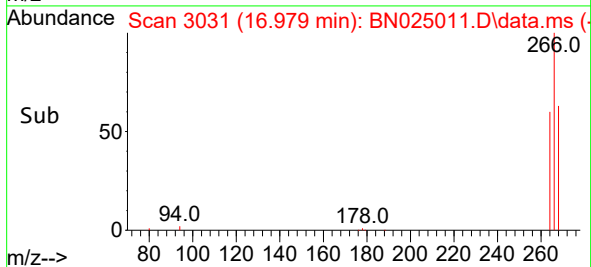
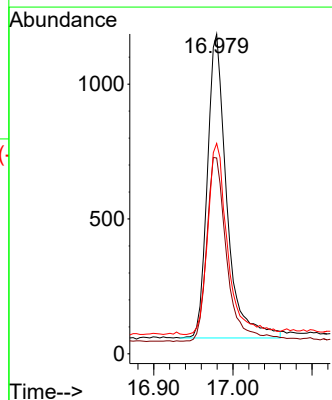
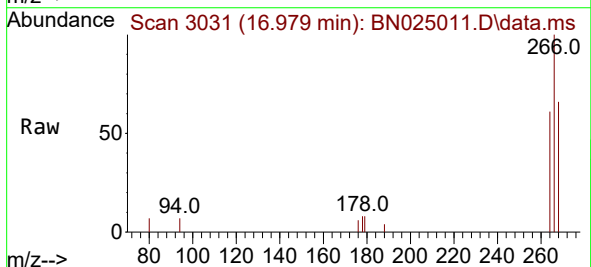
Tgt Ion:266 Resp: 1914

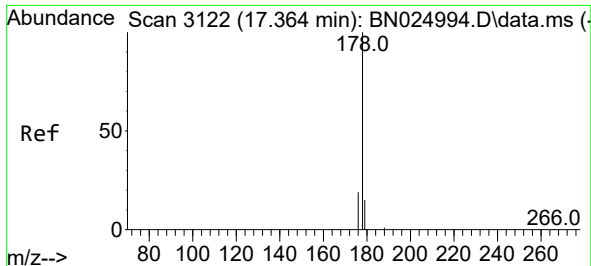
Ion Ratio Lower Upper

266 100

264 63.1 51.2 76.8

268 64.1 51.4 77.2

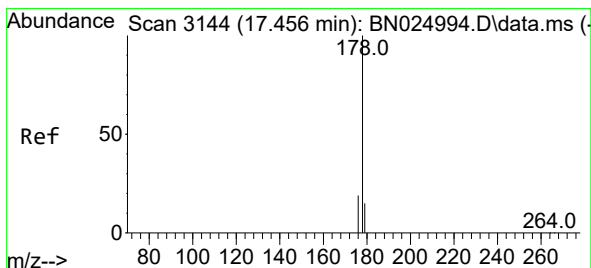
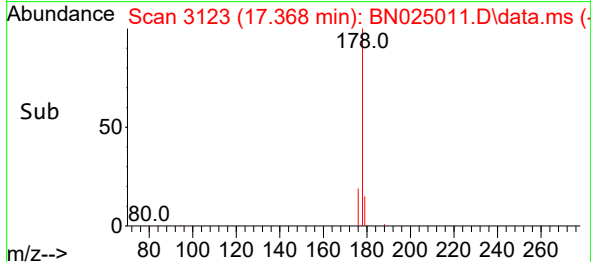
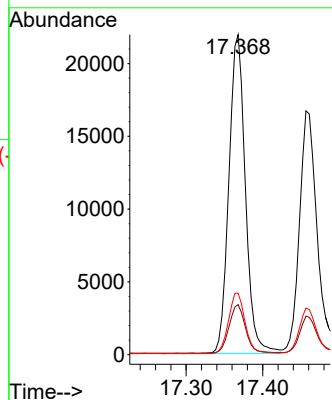
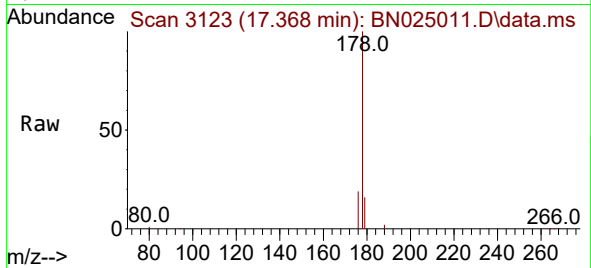




#15
Phenanthrene
Concen: 0.434 ng/ul
RT: 17.368 min Scan# 3122
Delta R.T. 0.004 min
Lab File: BN025011.D
Acq: 19 Apr 2023 21:02

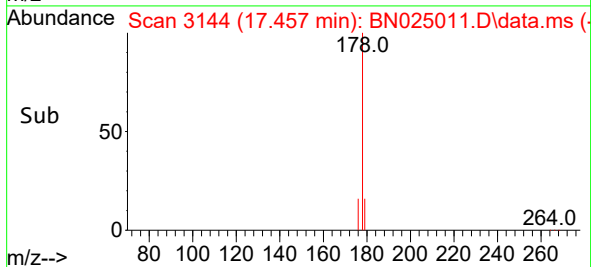
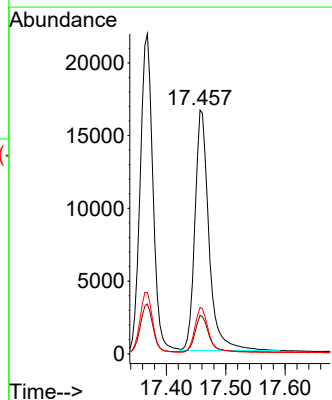
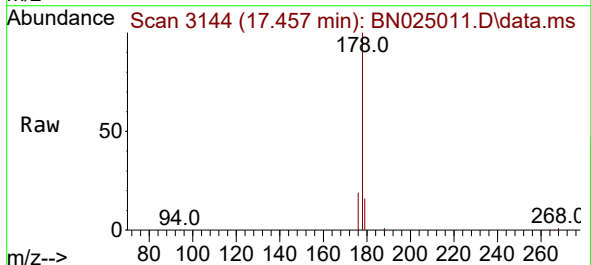
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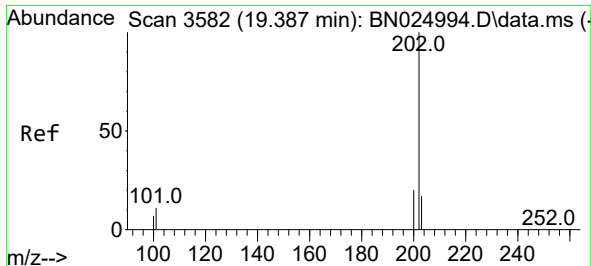
Tgt Ion:178 Resp: 32778
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.2 15.4 23.0



#16
Anthracene
Concen: 0.431 ng/ul
RT: 17.457 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN025011.D
Acq: 19 Apr 2023 21:02

Tgt Ion:178 Resp: 27077
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.1 14.7 22.1

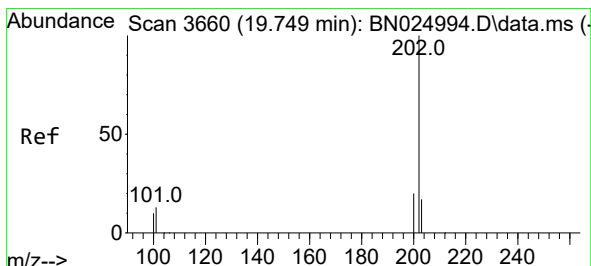
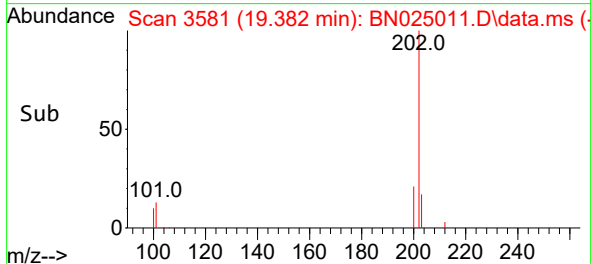
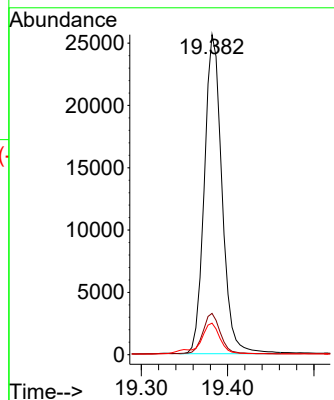
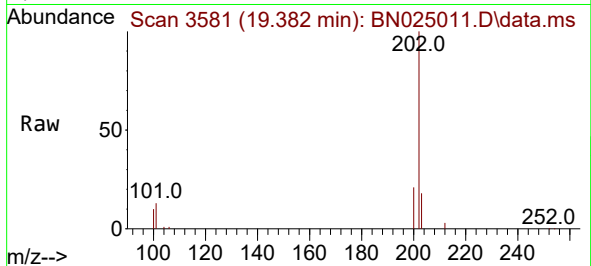




#19
Fluoranthene
Concen: 0.489 ng/ul
RT: 19.382 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN025011.D
Acq: 19 Apr 2023 21:02

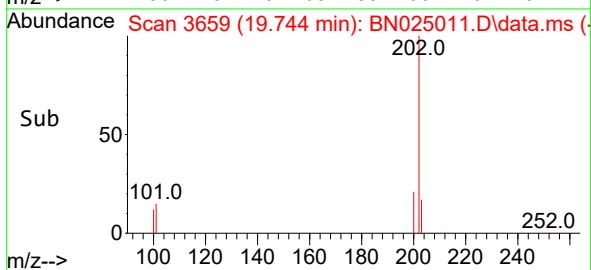
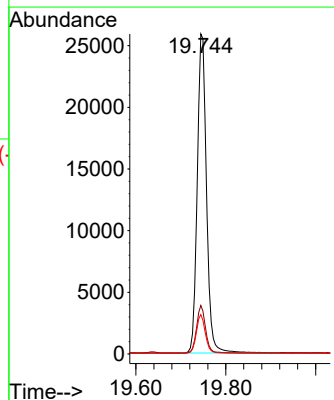
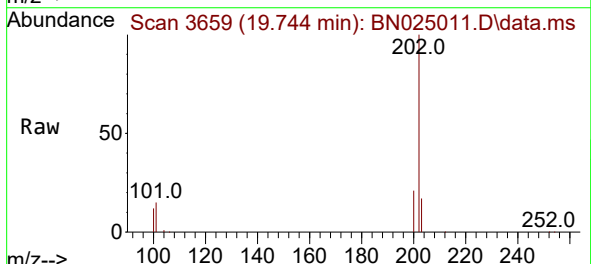
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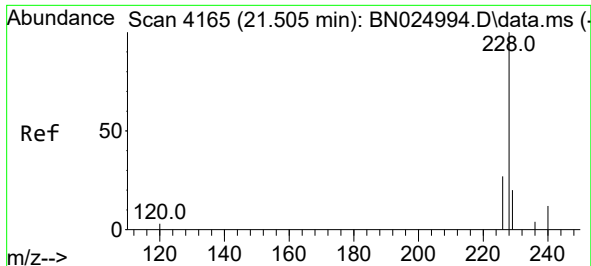
Tgt Ion:202 Resp: 36356
Ion Ratio Lower Upper
202 100
101 12.9 10.0 15.0
100 9.8 7.5 11.3



#20
Pyrene
Concen: 0.488 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.005 min
Lab File: BN025011.D
Acq: 19 Apr 2023 21:02

Tgt Ion:202 Resp: 37209
Ion Ratio Lower Upper
202 100
101 15.1 11.8 17.8
100 12.3 9.5 14.3

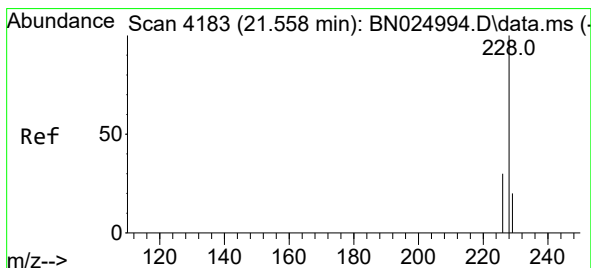
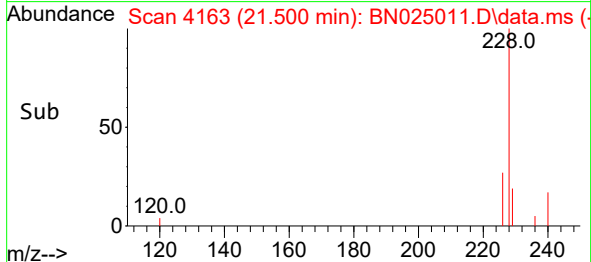
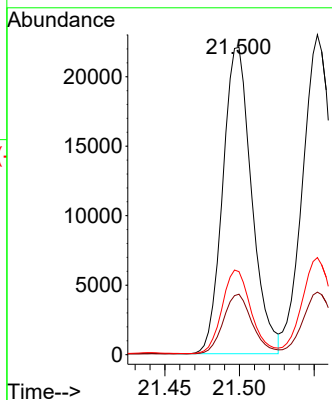
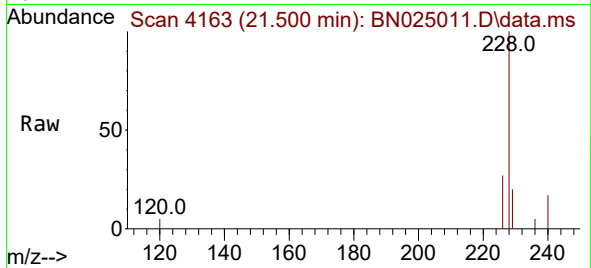




#21
Benzo(a)anthracene
Concen: 0.436 ng/ul
RT: 21.500 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BN025011.D
Acq: 19 Apr 2023 21:02

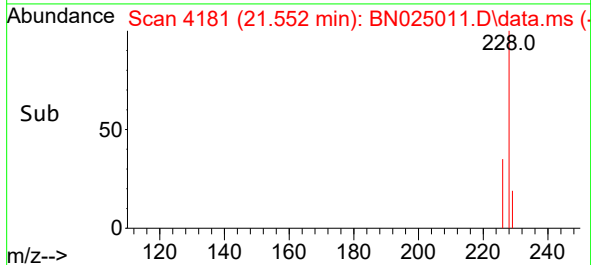
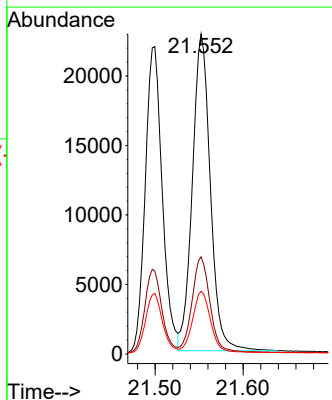
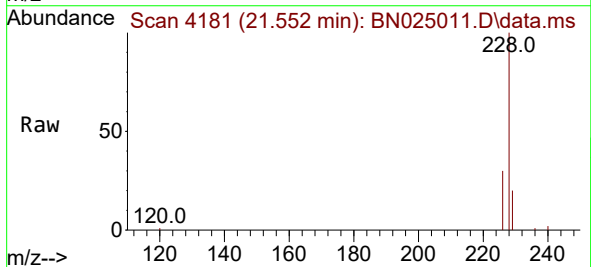
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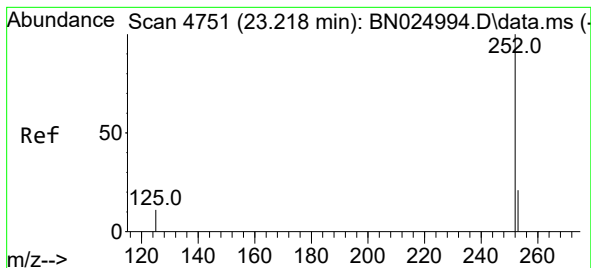
Tgt Ion:228 Resp: 29777
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.0 22.2 33.2



#22
Chrysene
Concen: 0.440 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. -0.006 min
Lab File: BN025011.D
Acq: 19 Apr 2023 21:02

Tgt Ion:228 Resp: 32482
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.5 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.428 ng/ul

RT: 23.215 min Scan# 41

Delta R.T. -0.003 min

Lab File: BN025011.D

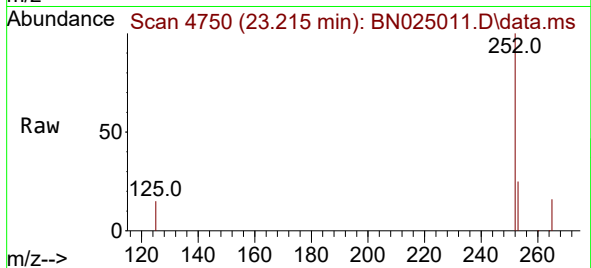
Acq: 19 Apr 2023 21:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.4271



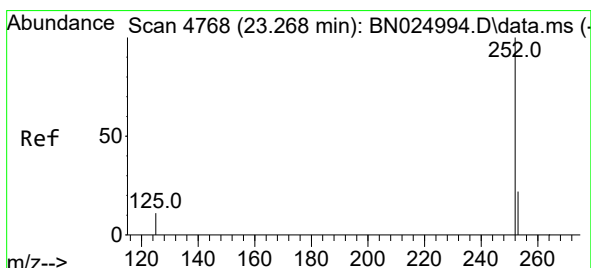
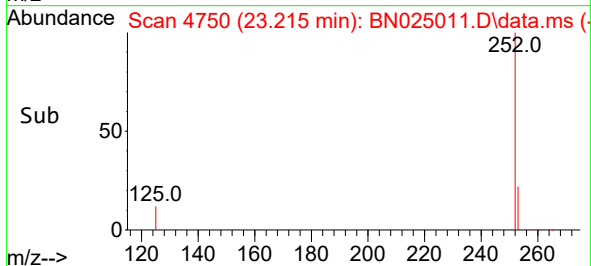
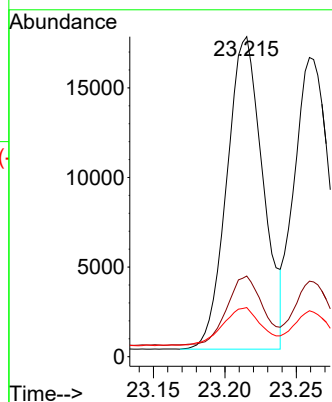
Tgt Ion:252 Resp: 30644

Ion Ratio Lower Upper

252 100

253 25.2 0.0 49.4

125 15.3 0.0 31.2



#25

Benzo(k)fluoranthene

Concen: 0.420 ng/ul

RT: 23.259 min Scan# 4765

Delta R.T. -0.009 min

Lab File: BN025011.D

Acq: 19 Apr 2023 21:02

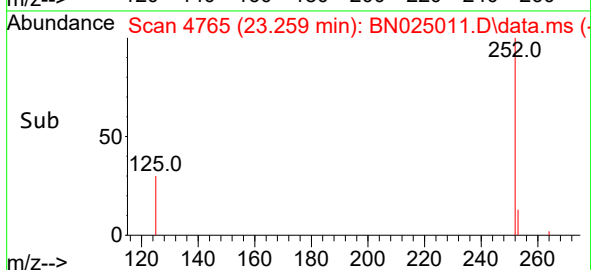
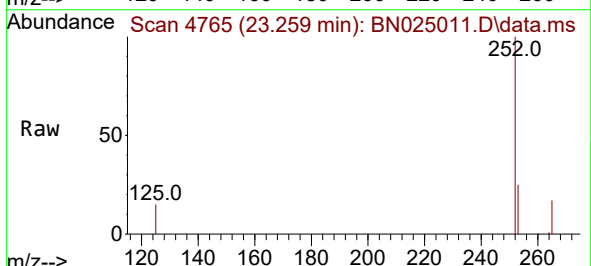
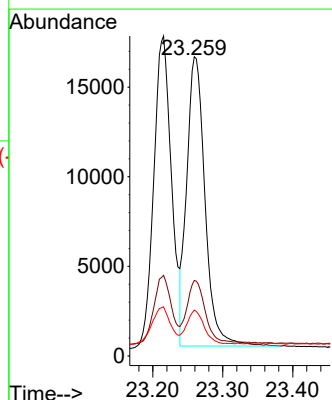
Tgt Ion:252 Resp: 29347

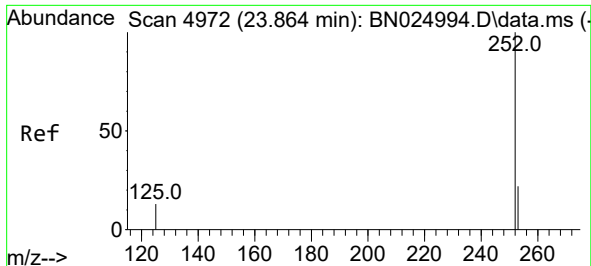
Ion Ratio Lower Upper

252 100

253 25.3 20.1 30.1

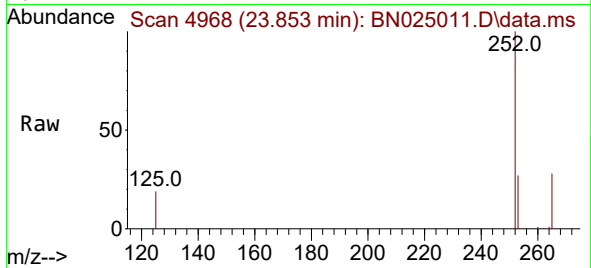
125 15.3 12.2 18.2



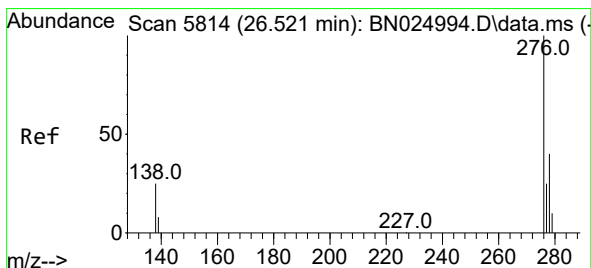
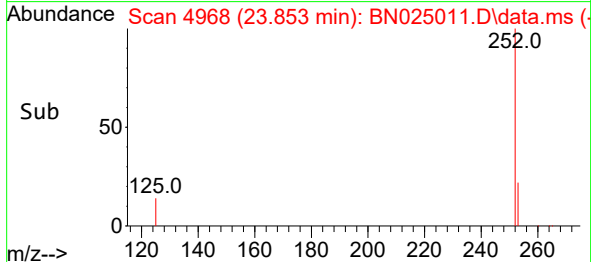
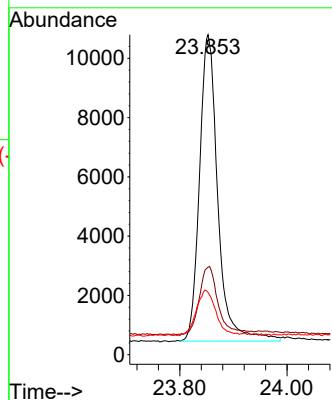


#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.853 min Scan# 4968
Delta R.T. -0.012 min
Lab File: BN025011.D
Acq: 19 Apr 2023 21:02

Instrument :
BNA_N
ClientSampleId :
SSTD0.4271

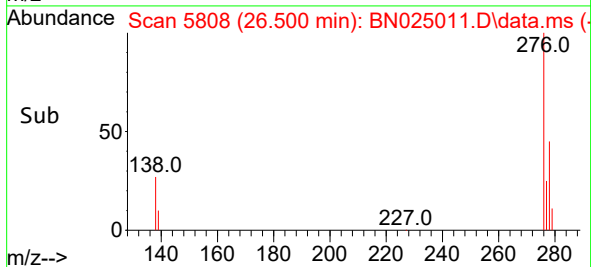
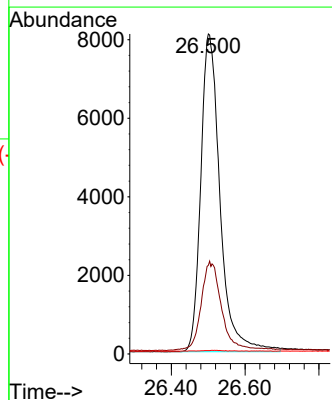
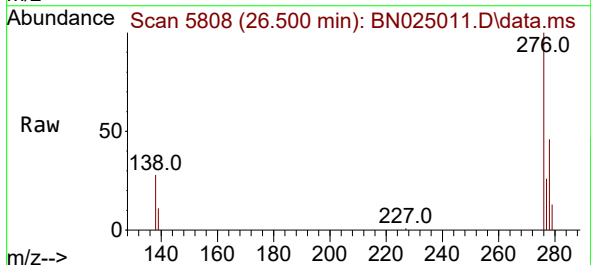


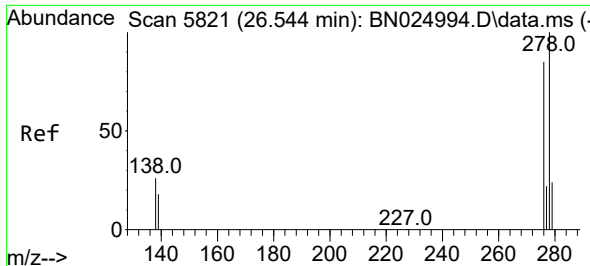
Tgt Ion:252 Resp: 24500
Ion Ratio Lower Upper
252 100
253 27.4 20.7 31.1
125 19.5 15.9 23.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng/ul
RT: 26.500 min Scan# 5808
Delta R.T. -0.020 min
Lab File: BN025011.D
Acq: 19 Apr 2023 21:02

Tgt Ion:276 Resp: 29301
Ion Ratio Lower Upper
276 100
138 29.9 24.2 36.2
227 0.1 0.0 0.0#

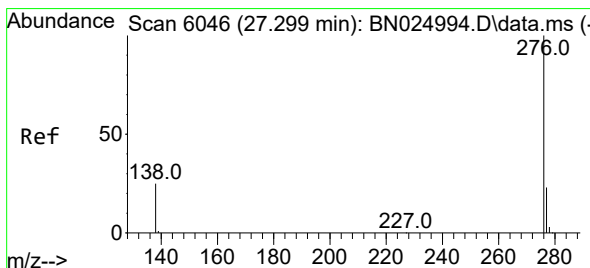
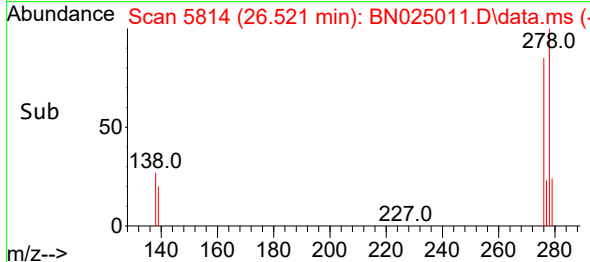
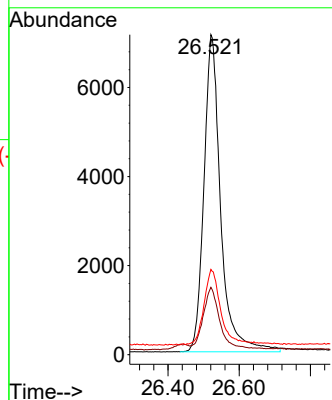
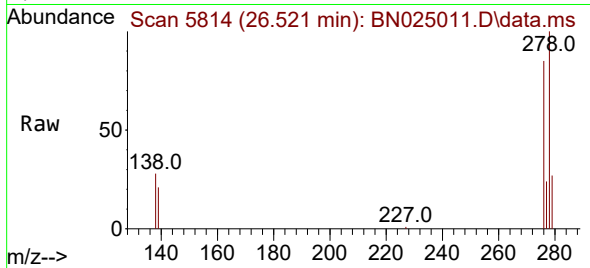




#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 26.521 min Scan# 5814
Delta R.T. -0.023 min
Lab File: BN025011.D
Acq: 19 Apr 2023 21:02

Instrument :
BNA_N
ClientSampleId :
SSTD0.4271

Tgt Ion:278 Resp: 23267
Ion Ratio Lower Upper
278 100
139 21.0 16.4 24.6
279 26.6 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.421 ng/ul
RT: 27.285 min Scan# 6042
Delta R.T. -0.013 min
Lab File: BN025011.D
Acq: 19 Apr 2023 21:02

Tgt Ion:276 Resp: 24976
Ion Ratio Lower Upper
276 100
138 25.9 21.0 31.4
277 24.1 19.7 29.5

