

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
 Data File : BN025283.D
 Acq On : 05 May 2023 17:01
 Operator : CG/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4296

Quant Time: May 06 04:07:42 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 : Fri May 05 11:29:16 2023
 Response via : Initial Calibration

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

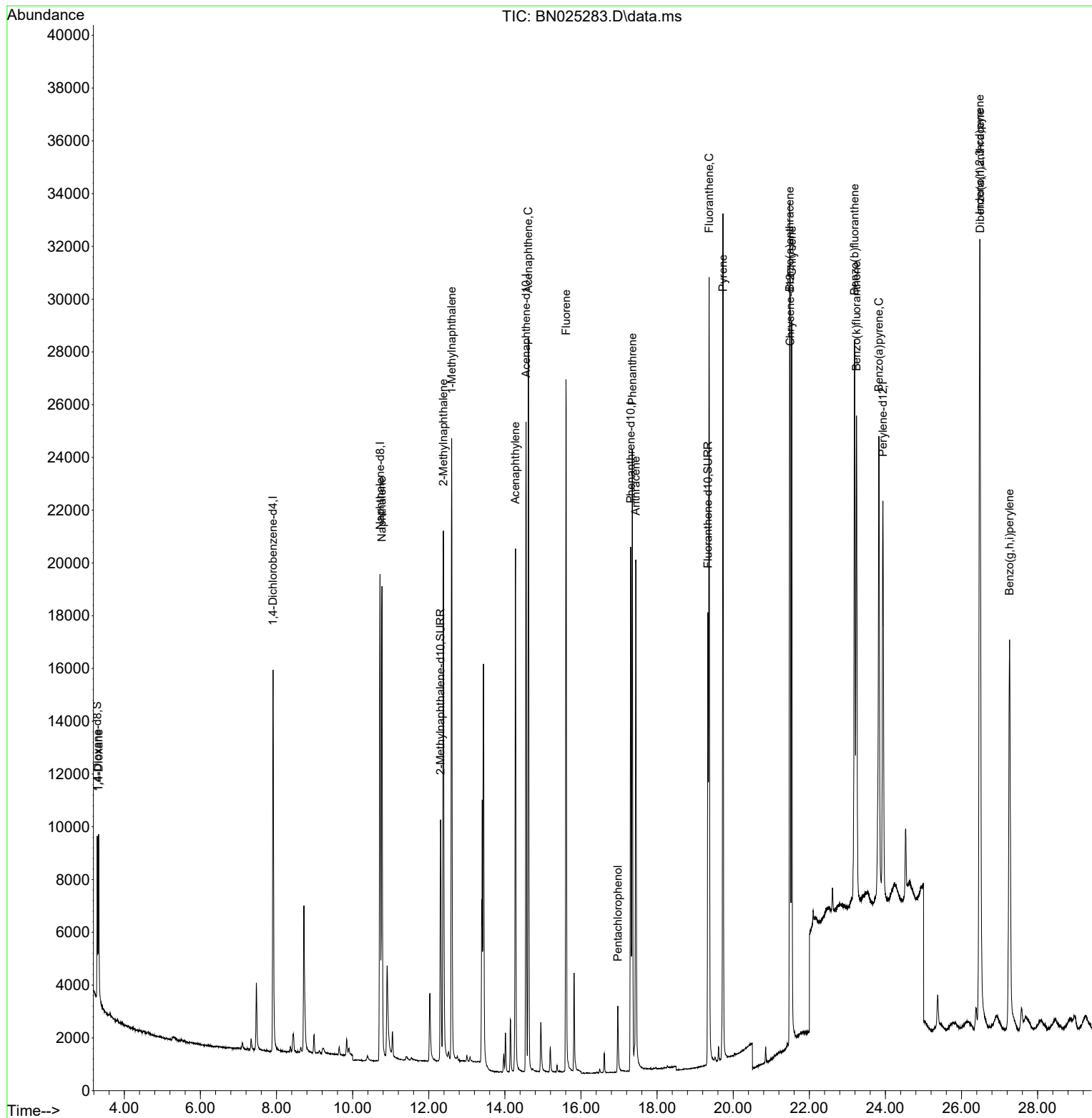
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	8450	0.400	ng/ul	0.00
4) Naphthalene-d8	10.720	136	26140	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.556	164	13490	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	24015	0.400	ng/ul	0.00
17) Chrysene-d12	21.499	240	18121	0.400	ng/ul	0.00
23) Perylene-d12	23.934	264	21394	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	3439	0.393	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	12932	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	19397	0.406	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.326	88	3676	0.390	ng/ul#	90
5) Naphthalene	10.770	128	25806	0.385	ng/ul	100
7) 2-Methylnaphthalene	12.381	142	15606	0.380	ng/ul	99
8) 1-Methylnaphthalene	12.601	142	16442	0.376	ng/ul	99
10) Acenaphthylene	14.278	152	23128	0.460	ng/ul	100
11) Acenaphthene	14.616	153	16767	0.396	ng/ul	99
12) Fluorene	15.606	166	17440	0.368	ng/ul	97
14) Pentachlorophenol	16.967	266	2013	0.427	ng/ul	98
15) Phenanthrene	17.347	178	25353	0.374	ng/ul	100
16) Anthracene	17.440	178	23249	0.419	ng/ul	100
19) Fluoranthene	19.368	202	26389	0.403	ng/ul	99
20) Pyrene	19.730	202	27415	0.407	ng/ul	99
21) Benzo(a)anthracene	21.482	228	24338	0.446	ng/ul	97
22) Chrysene	21.537	228	24336	0.409	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	28790	0.332	ng/ul	95
25) Benzo(k)fluoranthene	23.239	252	27544	0.330	ng/ul#	94
26) Benzo(a)pyrene	23.829	252	25654	0.357	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.477	276	34951	0.422	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.487	278	27717	0.429	ng/ul	97
29) Benzo(g,h,i)perylene	27.262	276	29274	0.416	ng/ul	97

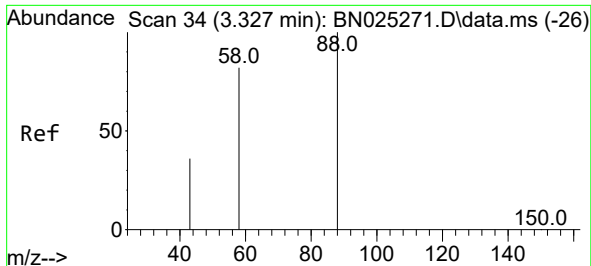
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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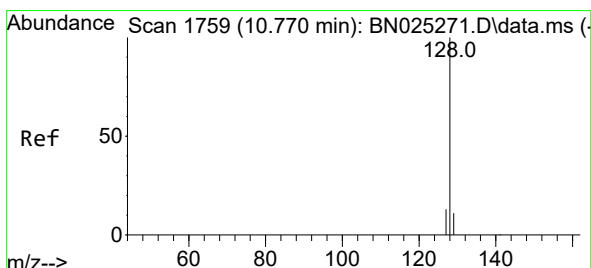
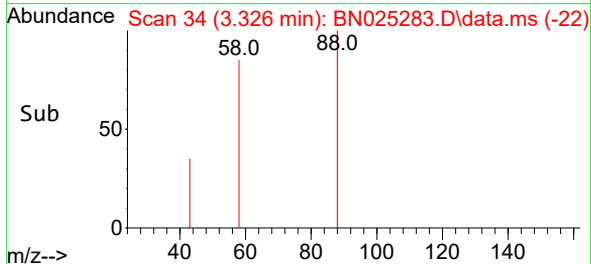
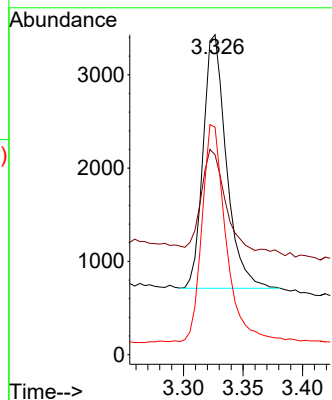
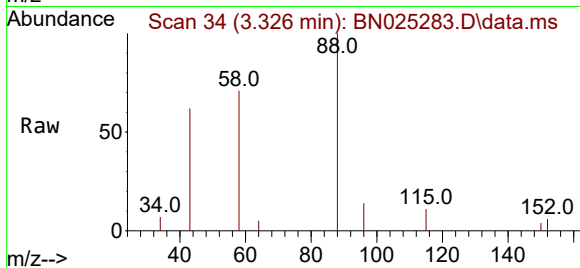




#2
1,4-Dioxane
Concen: 0.390 ng/ul
RT: 3.326 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN025283.D
Acq: 05 May 2023 17:01

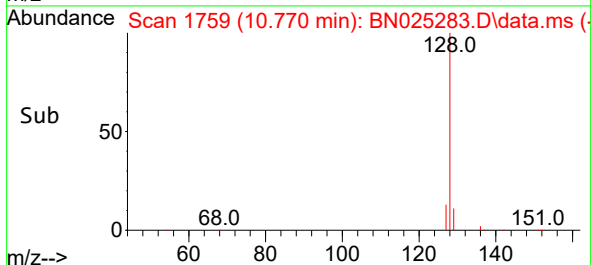
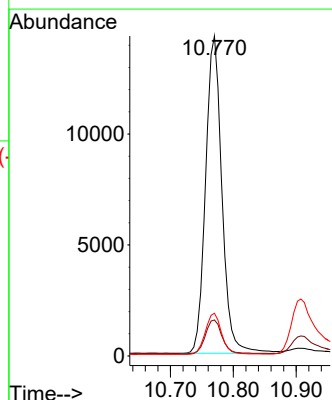
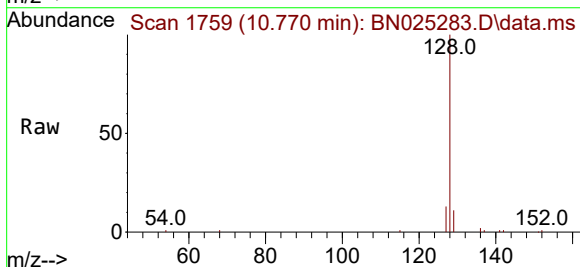
Instrument :
BNA_N
ClientSampleId :
SSTD0.4296

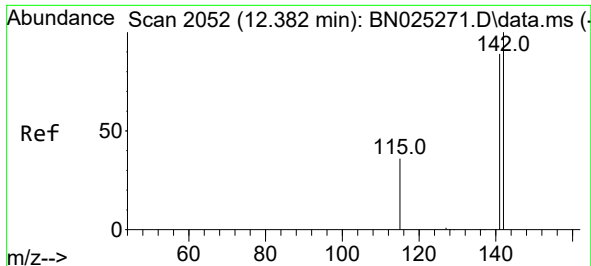
Tgt Ion: 88 Resp: 3676
Ion Ratio Lower Upper
88 100
43 62.4 37.0 55.4#
58 71.1 56.9 85.3



#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BN025283.D
Acq: 05 May 2023 17:01

Tgt Ion: 128 Resp: 25806
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.7 16.1

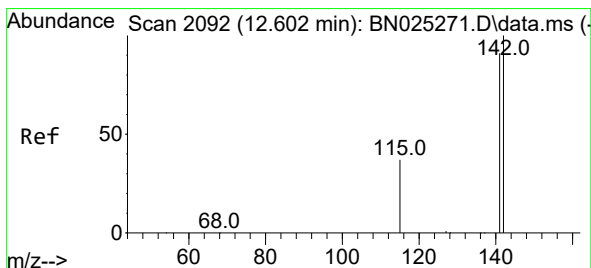
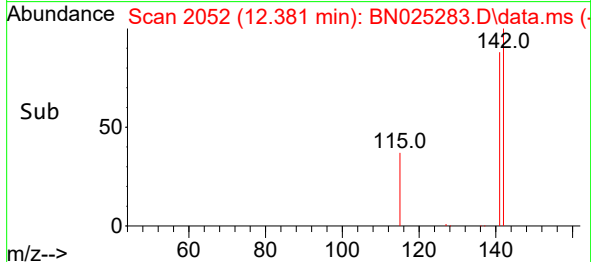
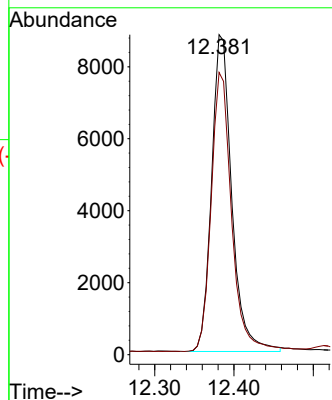
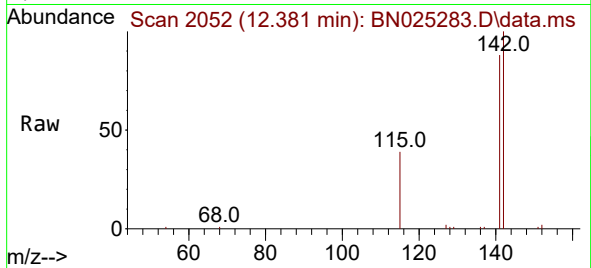




#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.381 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN025283.D
Acq: 05 May 2023 17:01

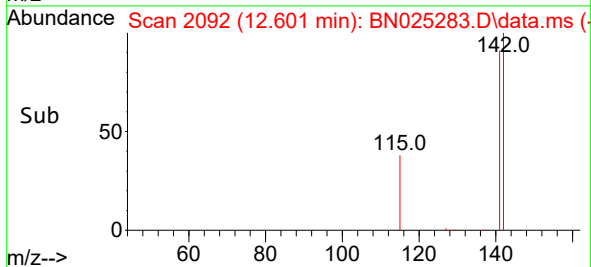
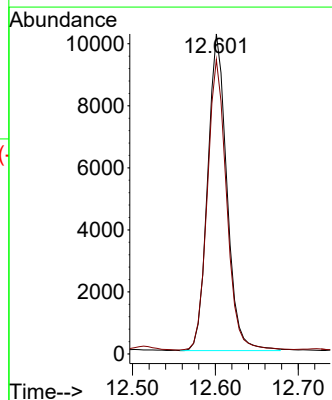
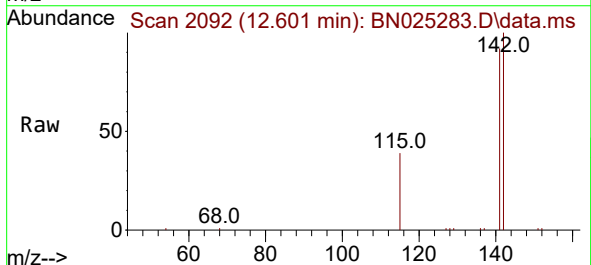
Instrument :
BNA_N
ClientSampleId :
SSTD0.4296

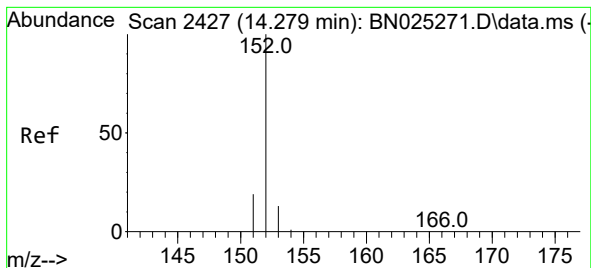
Tgt Ion:142 Resp: 15606
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BN025283.D
Acq: 05 May 2023 17:01

Tgt Ion:142 Resp: 16442
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.6





#10

Acenaphthylene

Concen: 0.460 ng/ul

RT: 14.278 min Scan# 2427

Delta R.T. -0.000 min

Lab File: BN025283.D

Acq: 05 May 2023 17:01

Instrument :

BNA_N

ClientSampleId :

SSTD0.4296

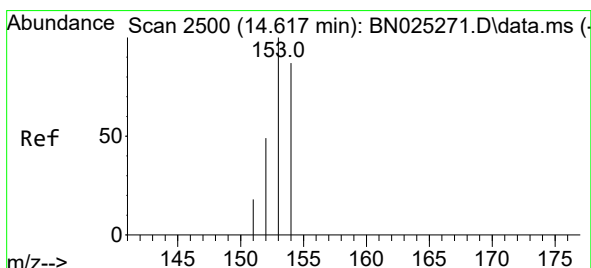
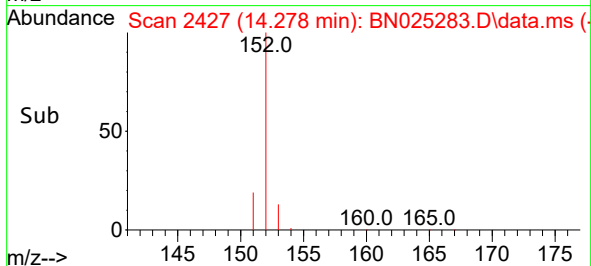
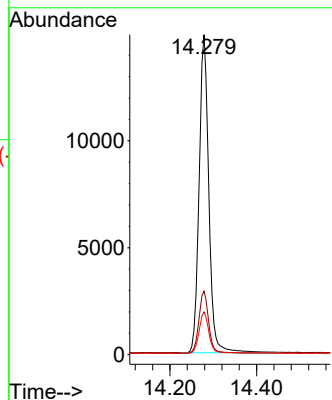
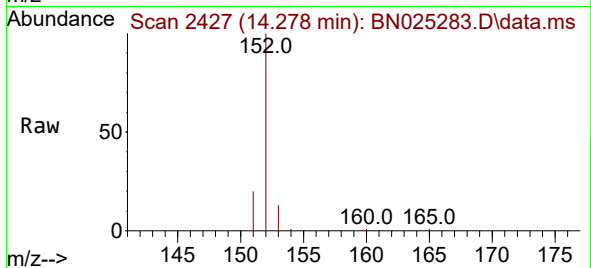
Tgt Ion:152 Resp: 23128

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.4 10.8 16.2



#11

Acenaphthene

Concen: 0.396 ng/ul

RT: 14.616 min Scan# 2500

Delta R.T. -0.000 min

Lab File: BN025283.D

Acq: 05 May 2023 17:01

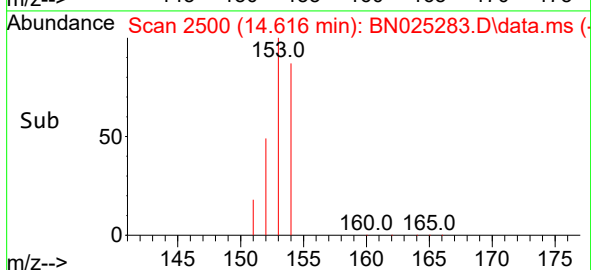
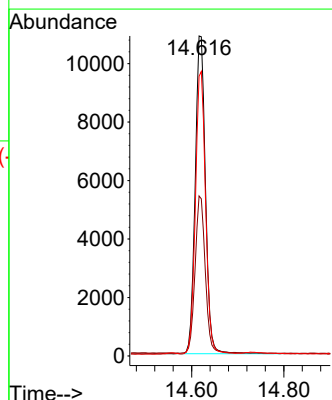
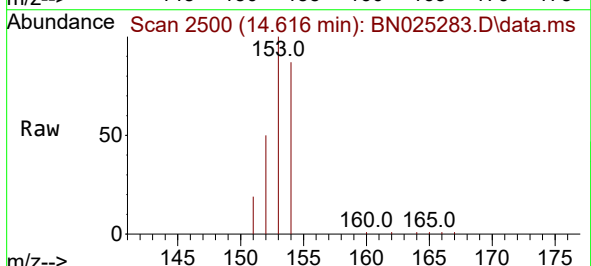
Tgt Ion:153 Resp: 16767

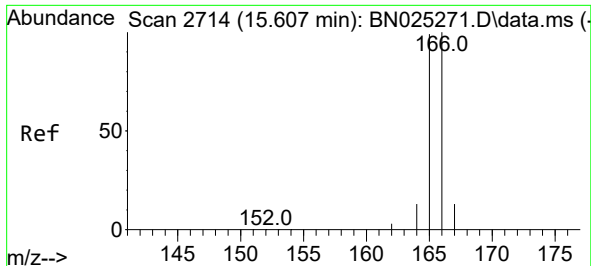
Ion Ratio Lower Upper

153 100

152 50.0 40.2 60.4

154 87.4 69.4 104.2

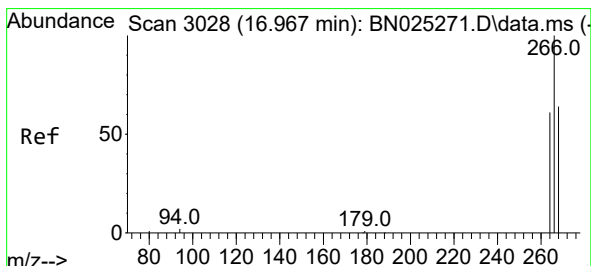
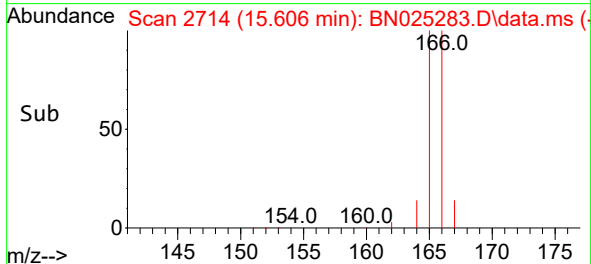
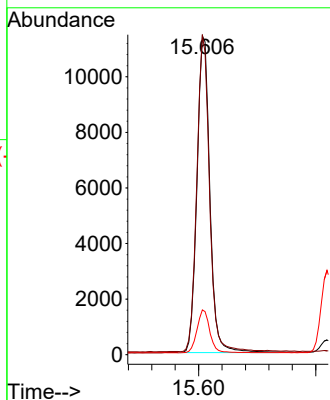
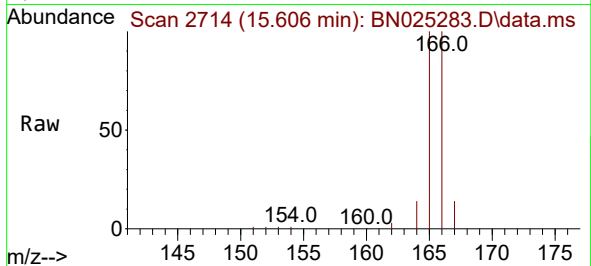




#12
 Fluorene
 Concen: 0.368 ng/ul
 RT: 15.606 min Scan# 2714
 Delta R.T. -0.000 min
 Lab File: BN025283.D
 Acq: 05 May 2023 17:01

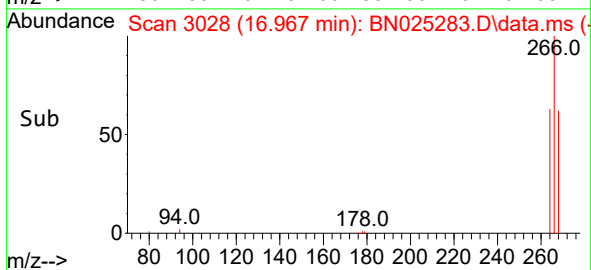
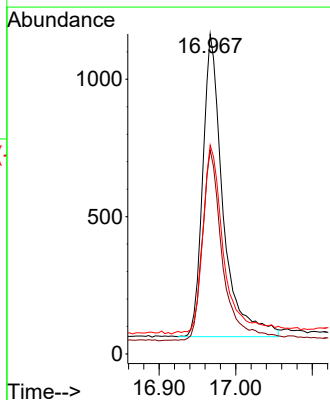
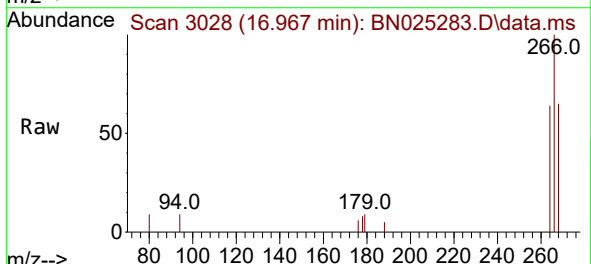
Instrument :
 BNA_N
 ClientSampleId :
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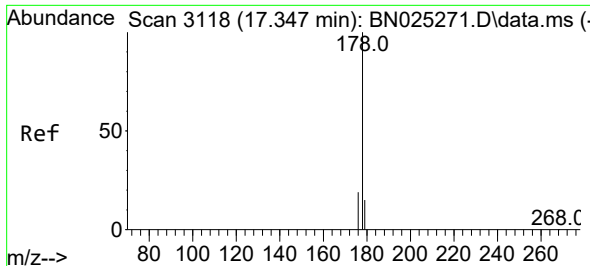
Tgt Ion:166 Resp: 17440
 Ion Ratio Lower Upper
 166 100
 165 100.4 78.1 117.1
 167 14.0 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.427 ng/ul
 RT: 16.967 min Scan# 3028
 Delta R.T. -0.000 min
 Lab File: BN025283.D
 Acq: 05 May 2023 17:01

Tgt Ion:266 Resp: 2013
 Ion Ratio Lower Upper
 266 100
 264 63.6 49.6 74.4
 268 62.7 51.3 76.9

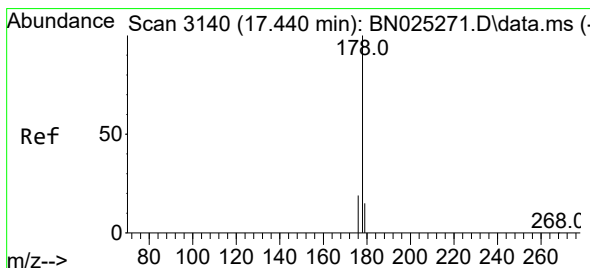
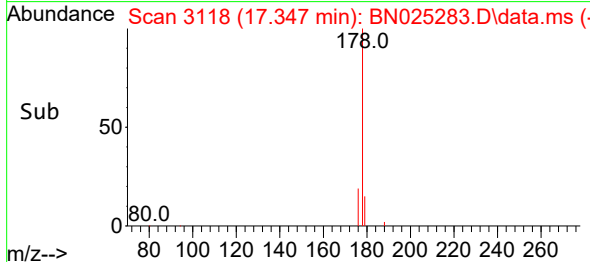
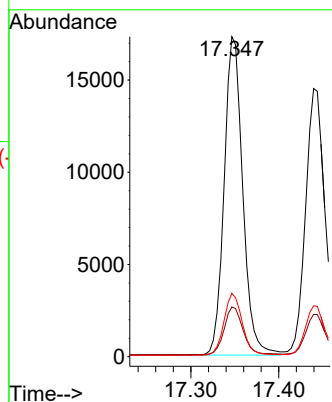
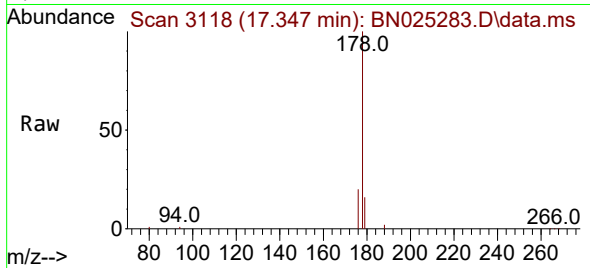




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.347 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BN025283.D
Acq: 05 May 2023 17:01

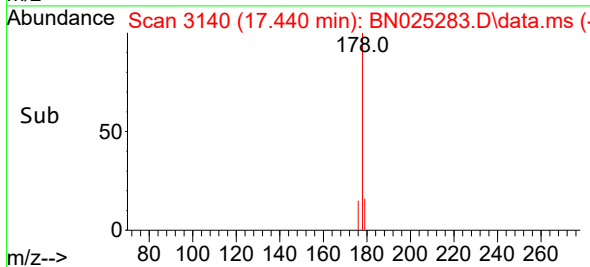
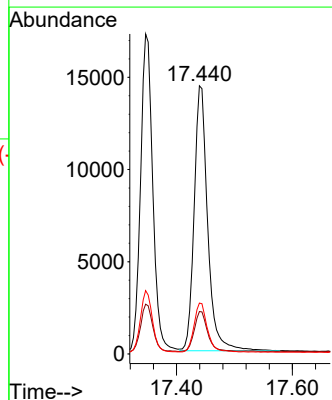
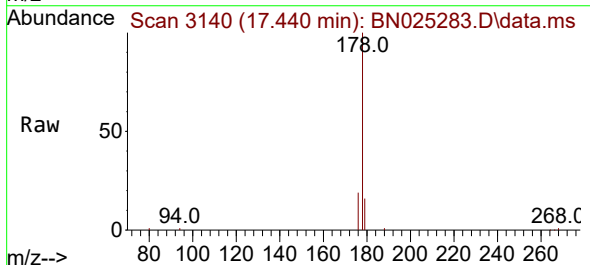
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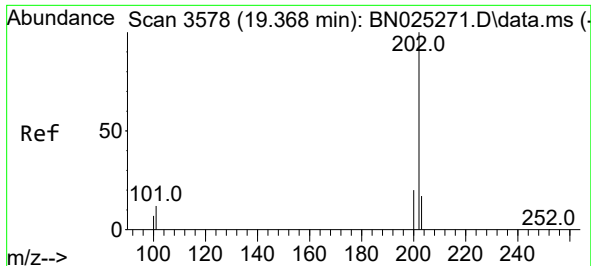
Tgt Ion:178 Resp: 25353
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.419 ng/ul
RT: 17.440 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BN025283.D
Acq: 05 May 2023 17:01

Tgt Ion:178 Resp: 23249
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.0 15.3 22.9

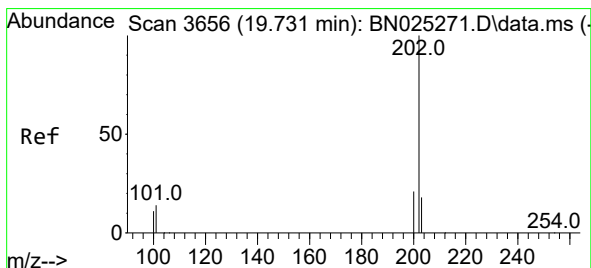
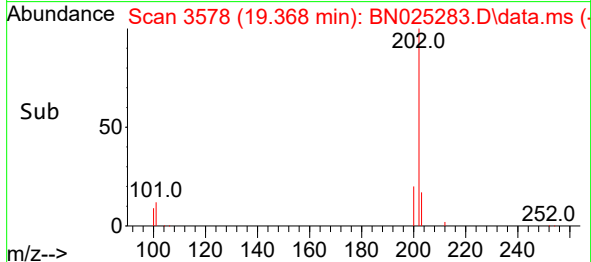
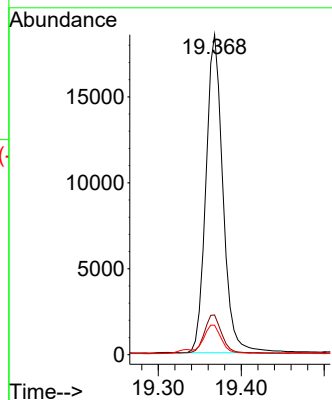
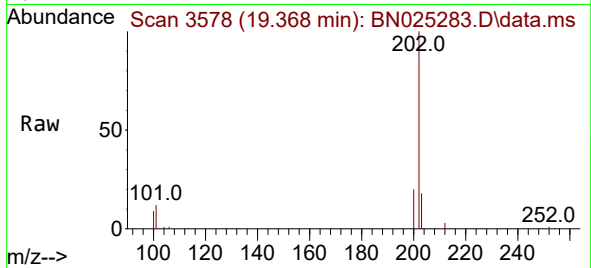




#19
Fluoranthene
Concen: 0.403 ng/ul
RT: 19.368 min Scan# 3578
Delta R.T. -0.000 min
Lab File: BN025283.D
Acq: 05 May 2023 17:01

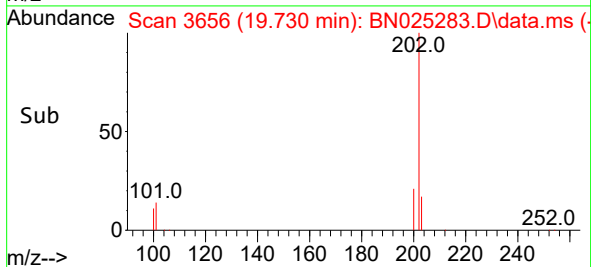
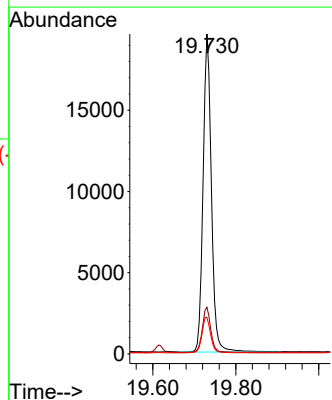
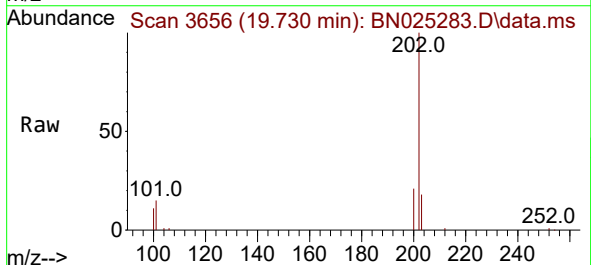
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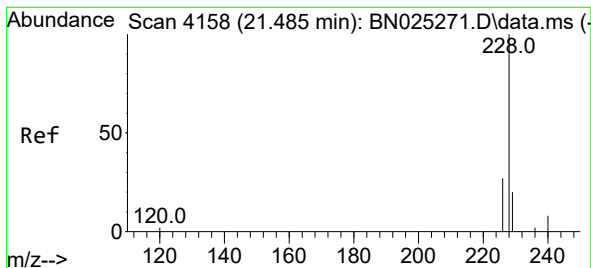
Tgt Ion:202 Resp: 26389
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.2 7.3 10.9



#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.730 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN025283.D
Acq: 05 May 2023 17:01

Tgt Ion:202 Resp: 27415
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 11.5 9.2 13.8





#21

Benzo(a)anthracene

Concen: 0.446 ng/ul

RT: 21.482 min Scan# 4158

Delta R.T. -0.003 min

Lab File: BN025283.D

Acq: 05 May 2023 17:01

Instrument :

BNA_N

ClientSampleId :

SSTD0.4296

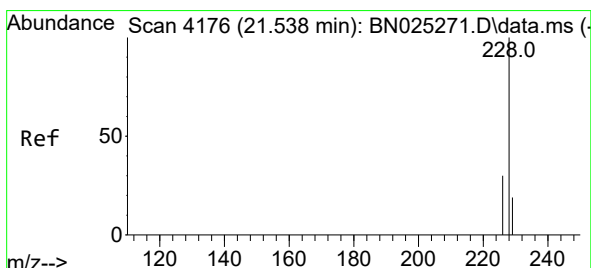
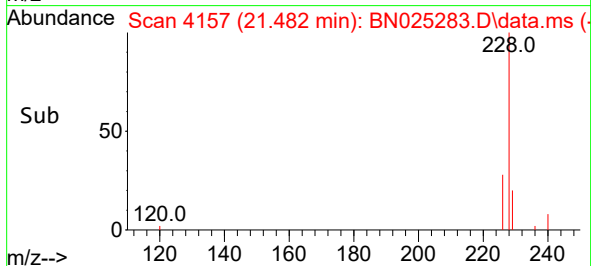
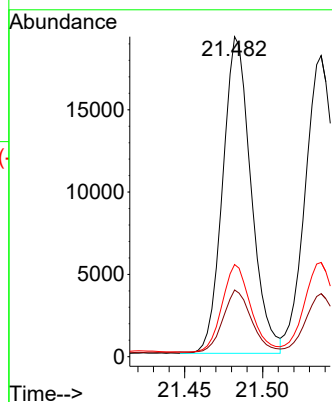
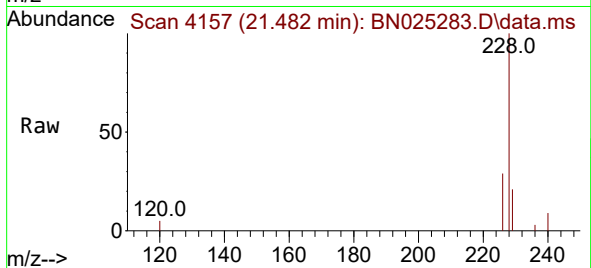
Tgt Ion:228 Resp: 24338

Ion Ratio Lower Upper

228 100

229 20.9 15.6 23.4

226 28.8 22.1 33.1



#22

Chrysene

Concen: 0.409 ng/ul

RT: 21.537 min Scan# 4176

Delta R.T. -0.000 min

Lab File: BN025283.D

Acq: 05 May 2023 17:01

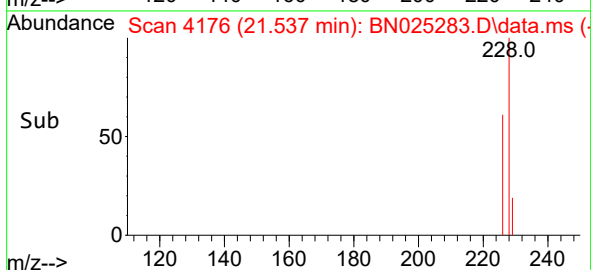
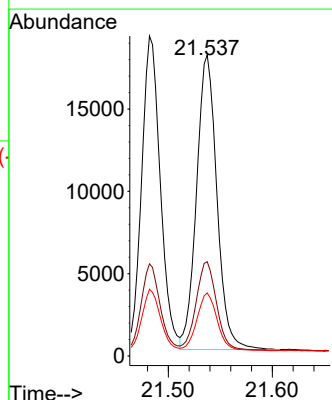
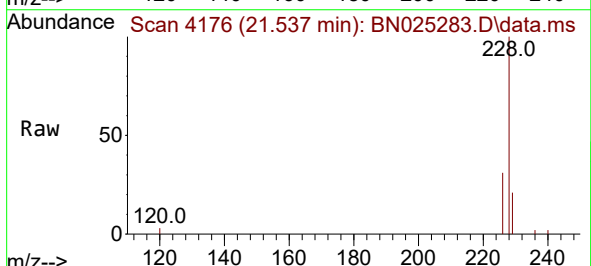
Tgt Ion:228 Resp: 24336

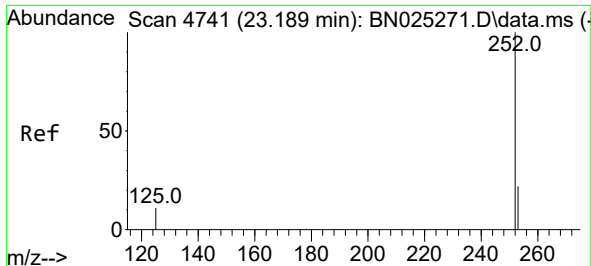
Ion Ratio Lower Upper

228 100

226 31.3 24.5 36.7

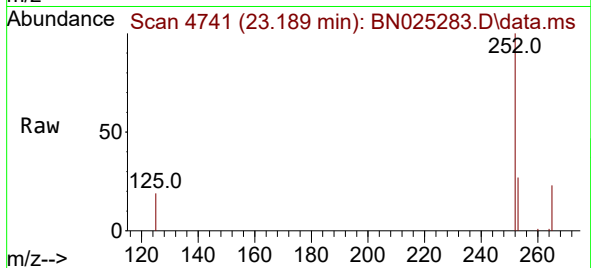
229 20.9 15.8 23.6



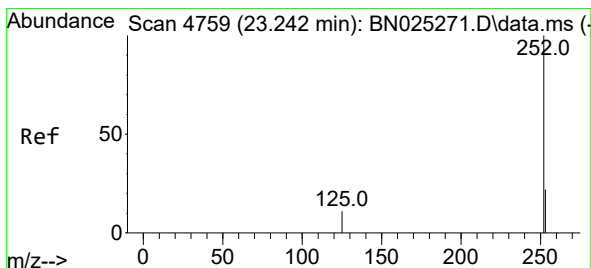
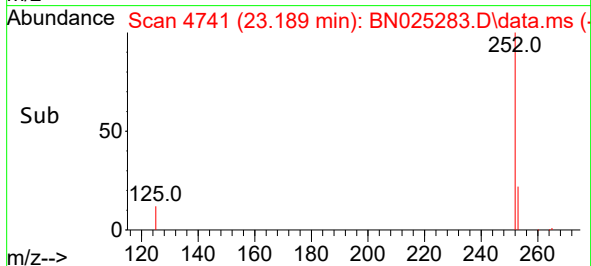
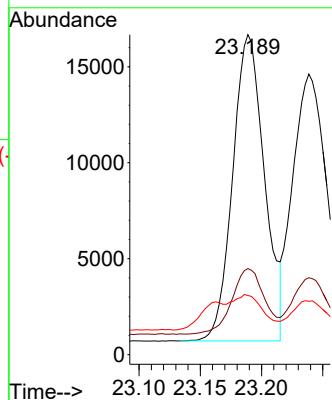


#24
Benzo(b)fluoranthene
Concen: 0.332 ng/ul
RT: 23.189 min Scan# 4741
Delta R.T. -0.000 min
Lab File: BN025283.D
Acq: 05 May 2023 17:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.4296

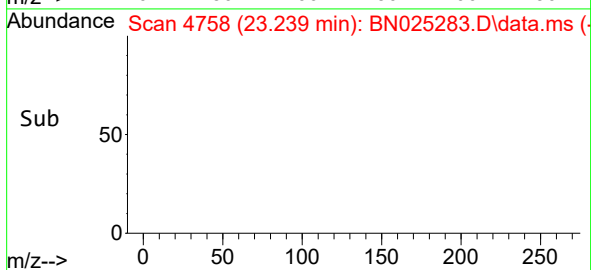
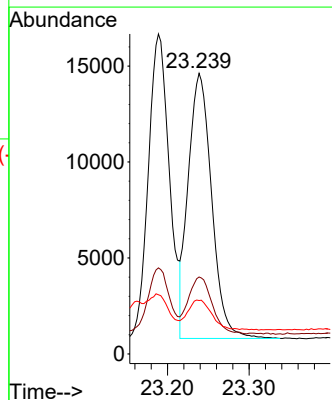
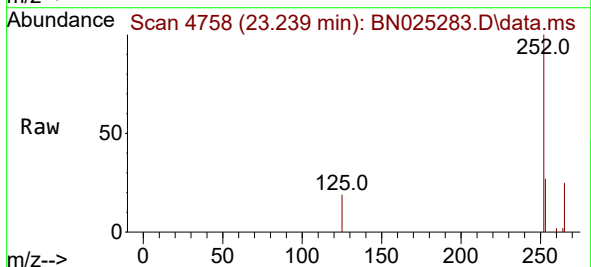


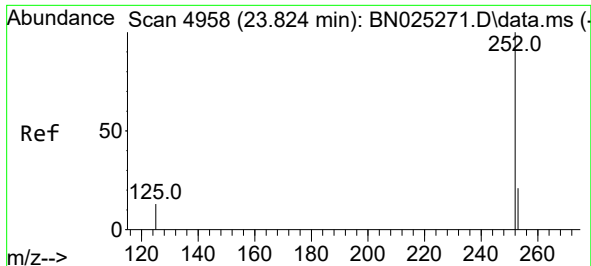
Tgt Ion:252 Resp: 28790
Ion Ratio Lower Upper
252 100
253 26.9 0.0 50.2
125 18.5 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul
RT: 23.239 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BN025283.D
Acq: 05 May 2023 17:01

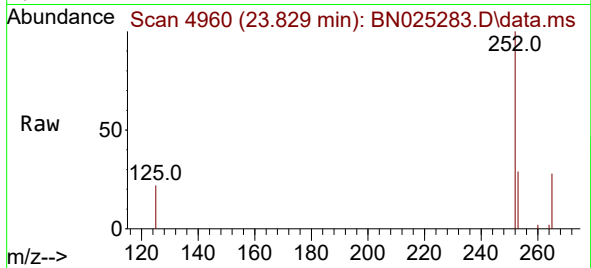
Tgt Ion:252 Resp: 27544
Ion Ratio Lower Upper
252 100
253 27.4 20.2 30.4
125 19.0 11.8 17.8#



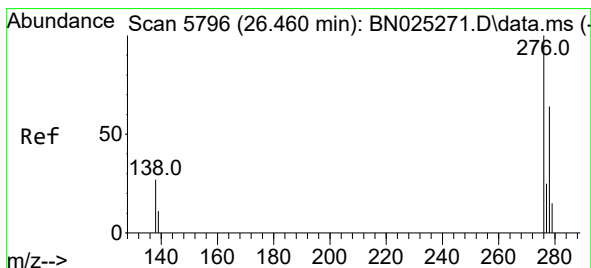
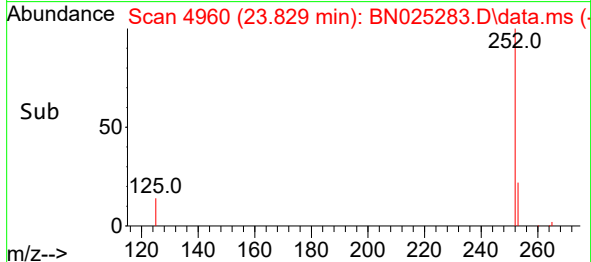
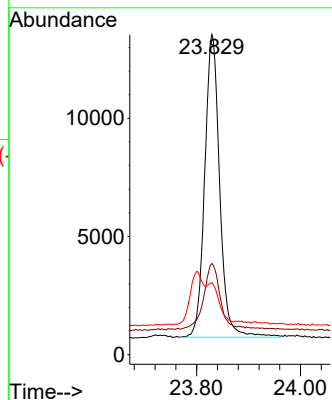


#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.829 min Scan# 4958
Delta R.T. 0.006 min
Lab File: BN025283.D
Acq: 05 May 2023 17:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.4296

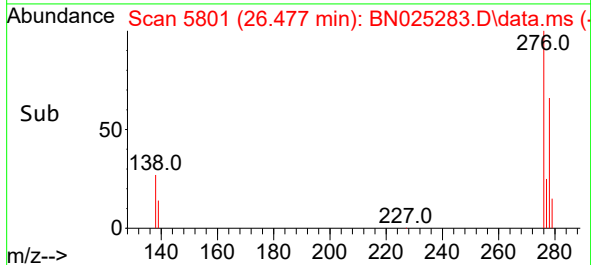
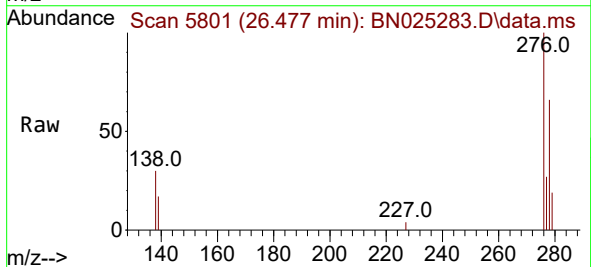
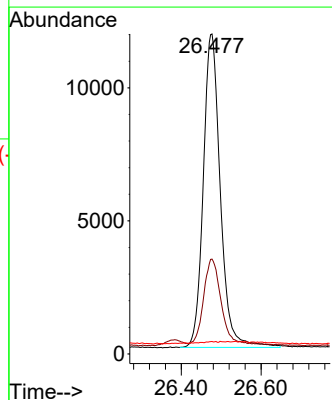


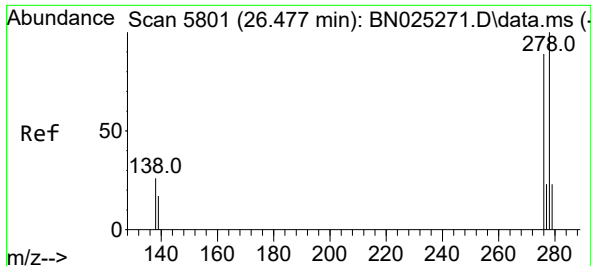
Tgt Ion:252 Resp: 25654
Ion Ratio Lower Upper
252 100
253 28.5 21.4 32.2
125 22.5 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng/ul
RT: 26.477 min Scan# 5801
Delta R.T. 0.017 min
Lab File: BN025283.D
Acq: 05 May 2023 17:01

Tgt Ion:276 Resp: 34951
Ion Ratio Lower Upper
276 100
138 28.4 21.9 32.9
227 0.4 0.1 0.1#

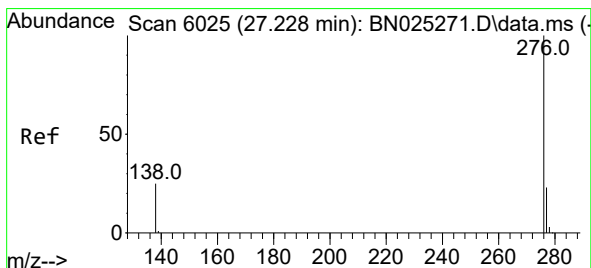
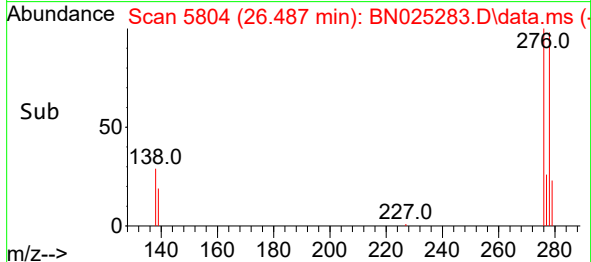
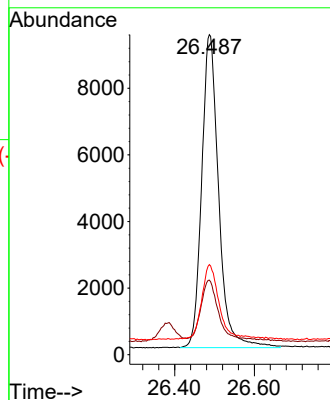
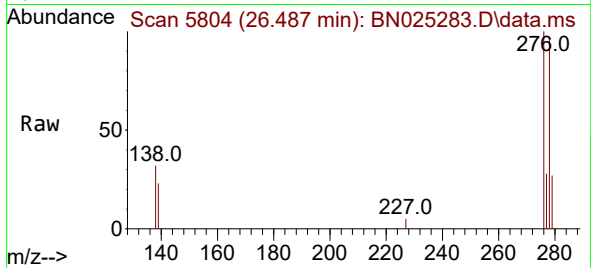




#28
Dibenzo(a,h)anthracene
Concen: 0.429 ng/ul
RT: 26.487 min Scan# 5804
Delta R.T. 0.010 min
Lab File: BN025283.D
Acq: 05 May 2023 17:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.4296

Tgt Ion:278 Resp: 27717
Ion Ratio Lower Upper
278 100
139 23.3 17.0 25.6
279 28.2 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 27.262 min Scan# 6035
Delta R.T. 0.033 min
Lab File: BN025283.D
Acq: 05 May 2023 17:01

Tgt Ion:276 Resp: 29274
Ion Ratio Lower Upper
276 100
138 27.5 20.3 30.5
277 26.0 19.8 29.6

