

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050123\
 Data File : BN025202.D
 Acq On : 01 May 2023 11:30
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4286

Quant Time: May 02 04:01:26 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

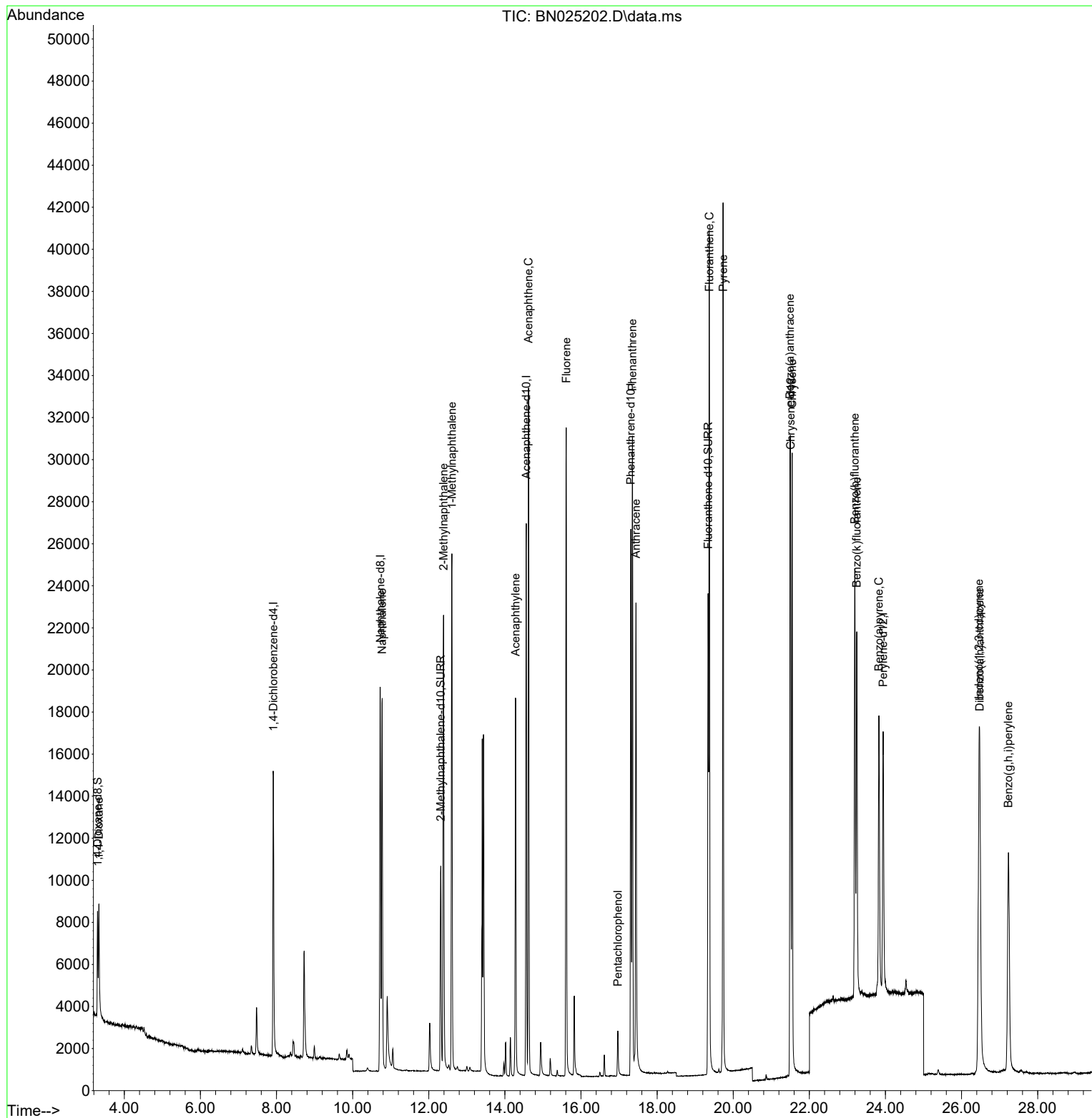
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7794	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	25219	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	14609	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	30501	0.400	ng/ul	0.00
17) Chrysene-d12	21.508	240	20004	0.400	ng/ul	0.00
23) Perylene-d12	23.940	264	18069	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	3014	0.373	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	13443	0.415	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	26226	0.497	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	3217	0.370	ng/ul	96
5) Naphthalene	10.776	128	25484	0.394	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	16229	0.410	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	17203	0.408	ng/ul	100
10) Acenaphthylene	14.283	152	21725	0.399	ng/ul	100
11) Acenaphthene	14.621	153	18484	0.403	ng/ul	99
12) Fluorene	15.611	166	20392	0.398	ng/ul	97
14) Pentachlorophenol	16.967	266	1756	0.293	ng/ul	99
15) Phenanthrene	17.351	178	32897	0.382	ng/ul	100
16) Anthracene	17.444	178	26977	0.383	ng/ul	100
19) Fluoranthene	19.372	202	35651	0.493	ng/ul	98
20) Pyrene	19.735	202	35692	0.480	ng/ul	98
21) Benzo(a)anthracene	21.493	228	25137	0.417	ng/ul	99
22) Chrysene	21.549	228	27179	0.413	ng/ul	100
24) Benzo(b)fluoranthene	23.194	252	27102	0.370	ng/ul	99
25) Benzo(k)fluoranthene	23.247	252	25634	0.364	ng/ul	99
26) Benzo(a)pyrene	23.829	252	22340	0.368	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.460	276	27168	0.389	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.480	278	20200	0.370	ng/ul	98
29) Benzo(g,h,i)perylene	27.231	276	24612	0.414	ng/ul	100

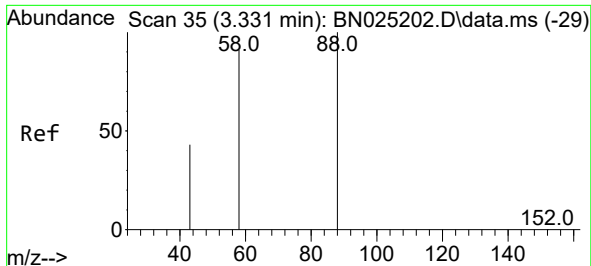
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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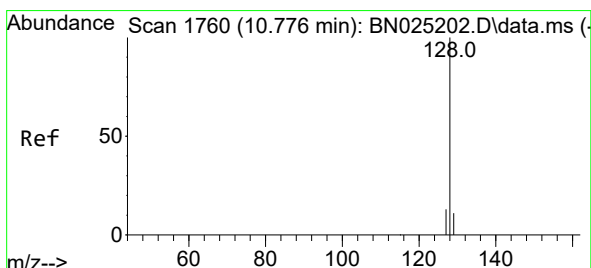
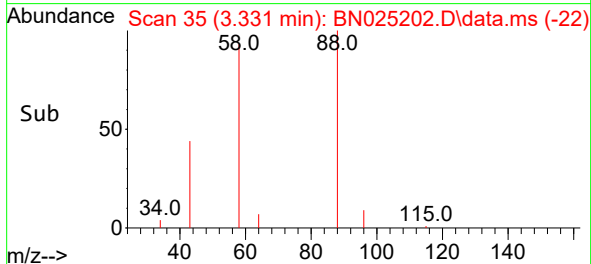
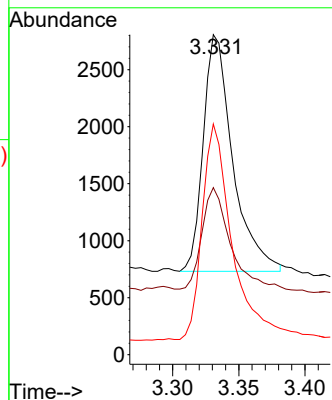
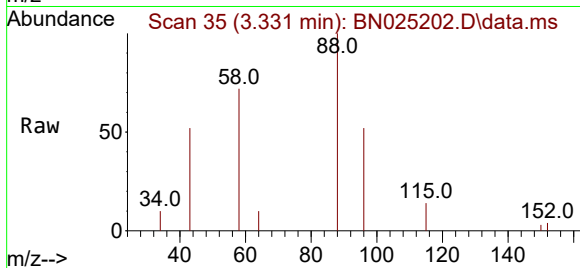




#2
 1,4-Dioxane
 Concen: 0.370 ng/ul
 RT: 3.331 min Scan# 35
 Delta R.T. 0.004 min
 Lab File: BN025202.D
 Acq: 01 May 2023 11:30

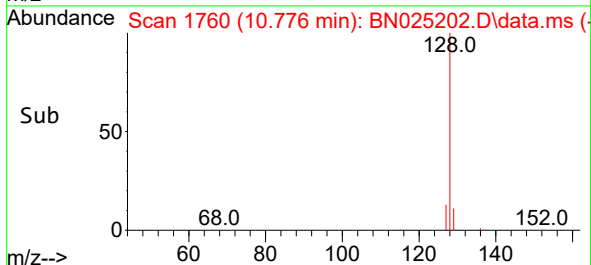
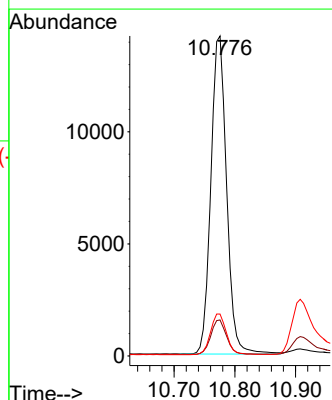
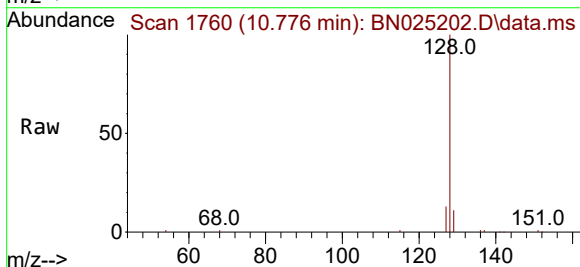
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4286

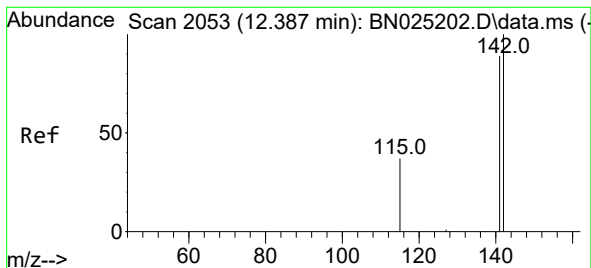
Tgt Ion: 88 Resp: 3217
 Ion Ratio Lower Upper
 88 100
 43 52.2 37.0 55.4
 58 72.1 56.9 85.3



#5
 Naphthalene
 Concen: 0.394 ng/ul
 RT: 10.776 min Scan# 1760
 Delta R.T. 0.001 min
 Lab File: BN025202.D
 Acq: 01 May 2023 11:30

Tgt Ion: 128 Resp: 25484
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.0 13.6
 127 13.1 10.7 16.1

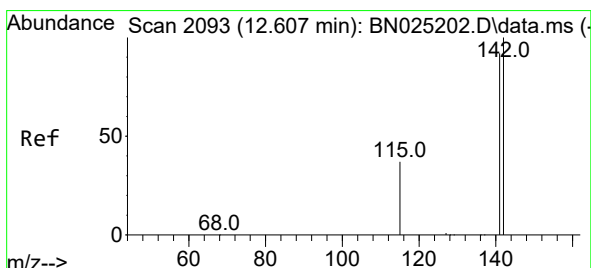
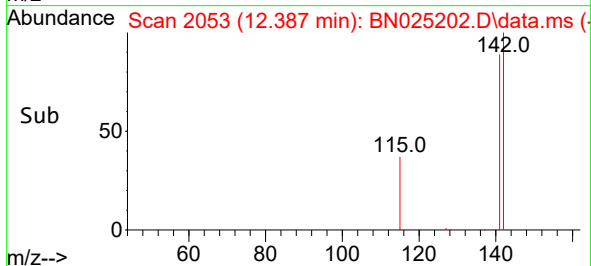
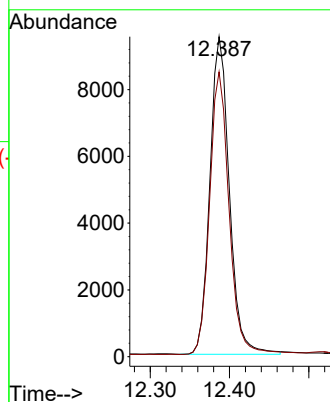
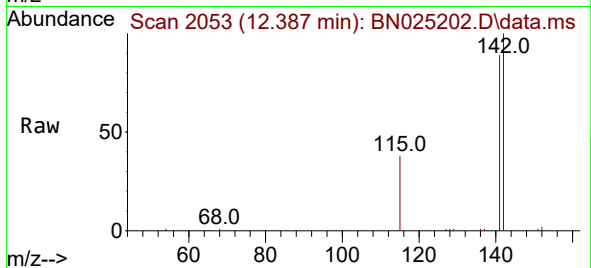




#7
2-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.001 min
Lab File: BN025202.D
Acq: 01 May 2023 11:30

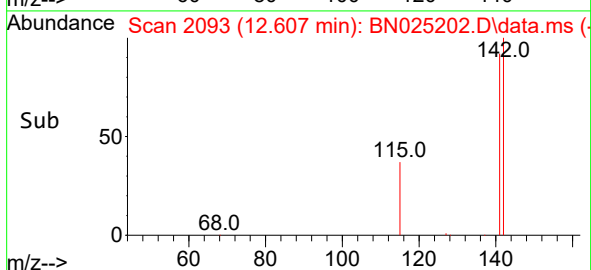
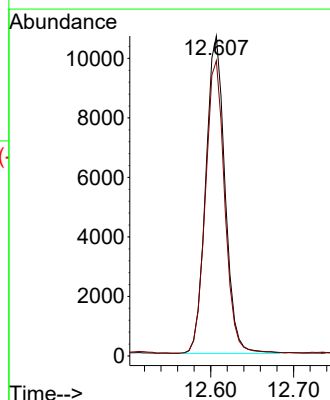
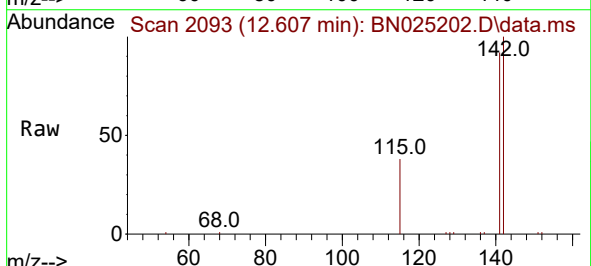
Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

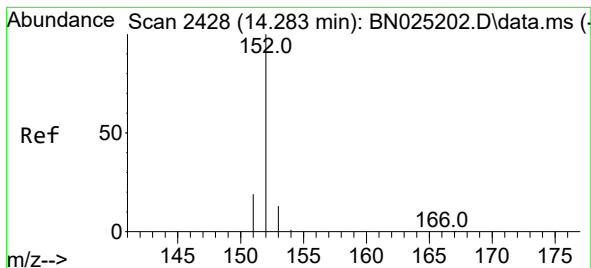
Tgt Ion:142 Resp: 16229
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BN025202.D
Acq: 01 May 2023 11:30

Tgt Ion:142 Resp: 17203
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6





#10

Acenaphthylene

Concen: 0.399 ng/ul

RT: 14.283 min Scan# 2428

Delta R.T. 0.001 min

Lab File: BN025202.D

Acq: 01 May 2023 11:30

Instrument :

BNA_N

ClientSampleId :

SSTD0.4286

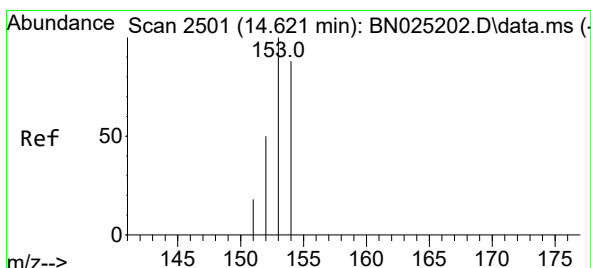
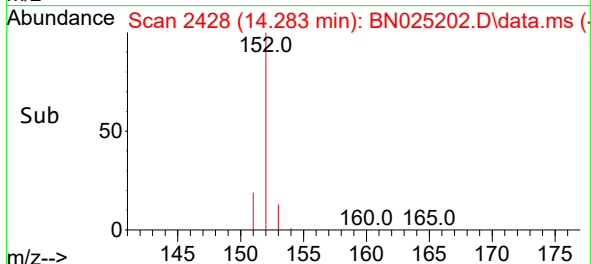
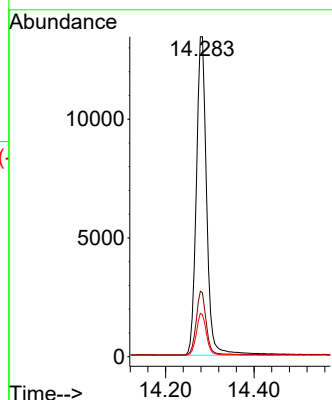
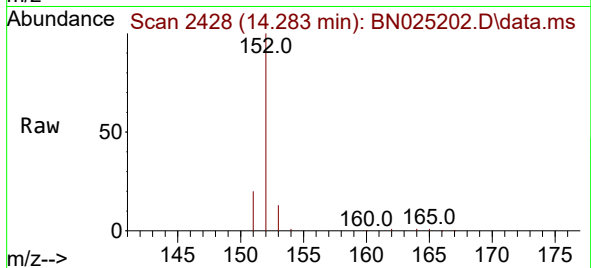
Tgt Ion:152 Resp: 21725

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.1 10.8 16.2



#11

Acenaphthene

Concen: 0.403 ng/ul

RT: 14.621 min Scan# 2501

Delta R.T. 0.001 min

Lab File: BN025202.D

Acq: 01 May 2023 11:30

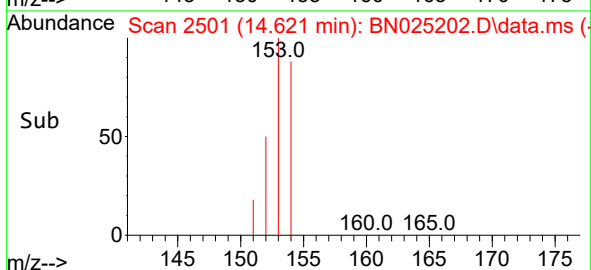
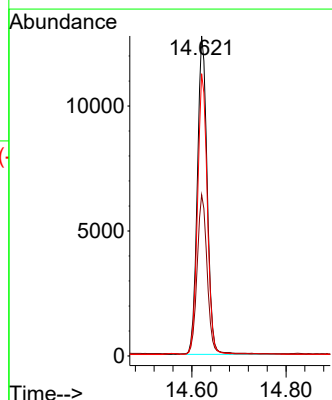
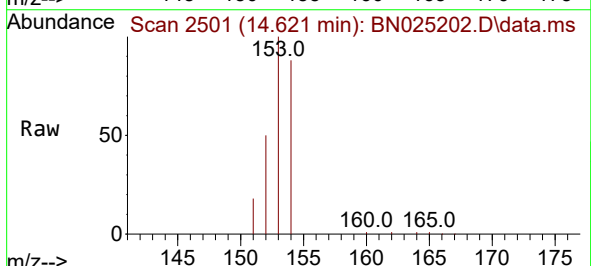
Tgt Ion:153 Resp: 18484

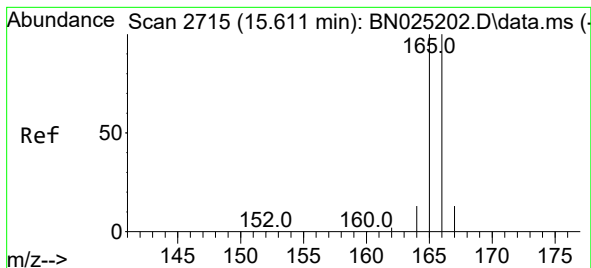
Ion Ratio Lower Upper

153 100

152 50.4 40.2 60.4

154 88.2 69.4 104.2





#12

Fluorene

Concen: 0.398 ng/ul

RT: 15.611 min Scan# 2715

Delta R.T. 0.001 min

Lab File: BN025202.D

Acq: 01 May 2023 11:30

Instrument :

BNA_N

ClientSampleId :

SSTD0.4286

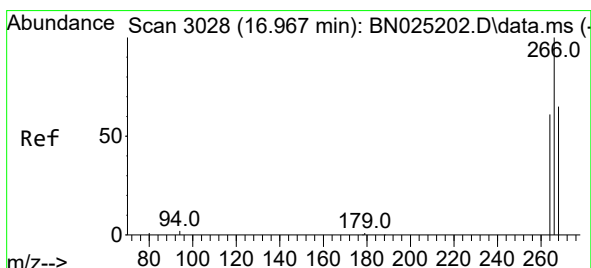
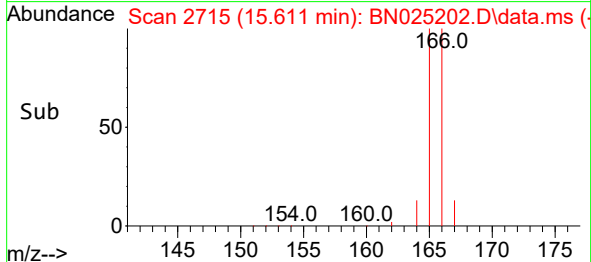
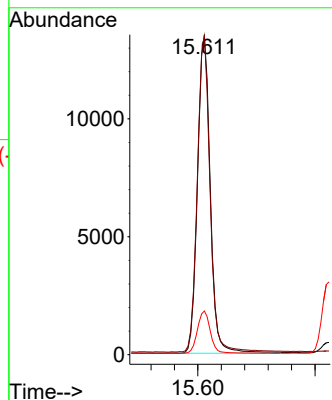
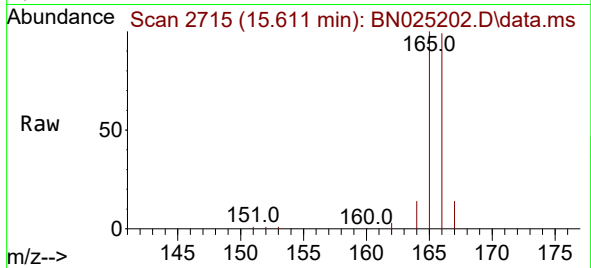
Tgt Ion:166 Resp: 20392

Ion Ratio Lower Upper

166 100

165 100.6 78.1 117.1

167 13.7 11.0 16.6



#14

Pentachlorophenol

Concen: 0.293 ng/ul

RT: 16.967 min Scan# 3028

Delta R.T. 0.001 min

Lab File: BN025202.D

Acq: 01 May 2023 11:30

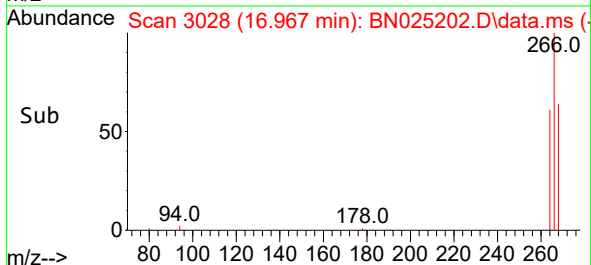
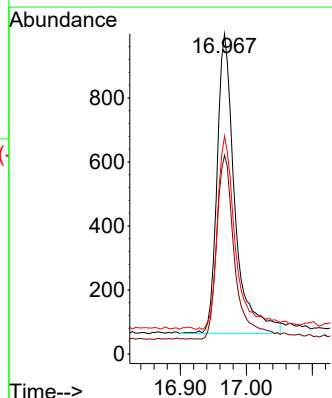
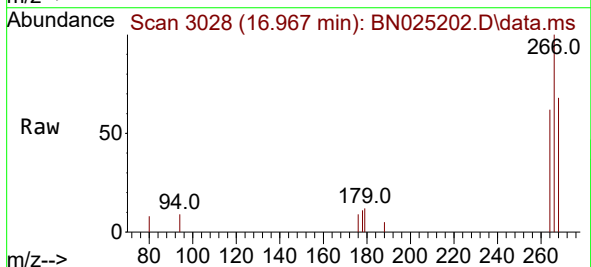
Tgt Ion:266 Resp: 1756

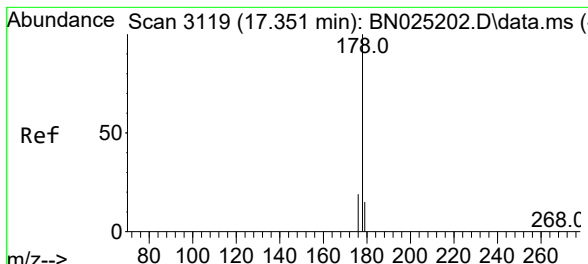
Ion Ratio Lower Upper

266 100

264 62.3 49.6 74.4

268 66.1 51.3 76.9

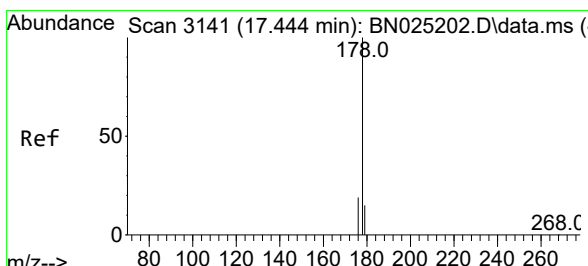
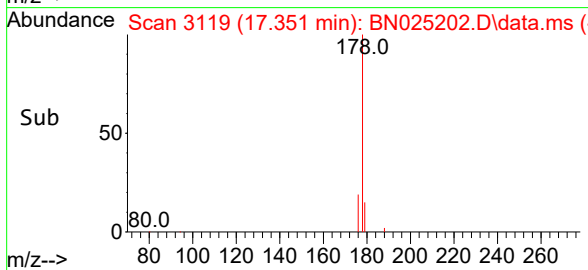
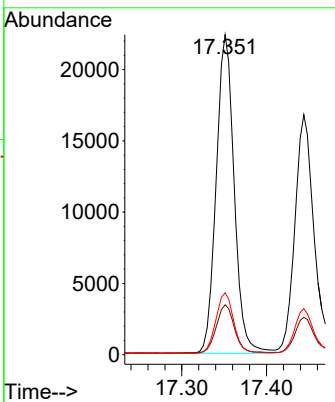
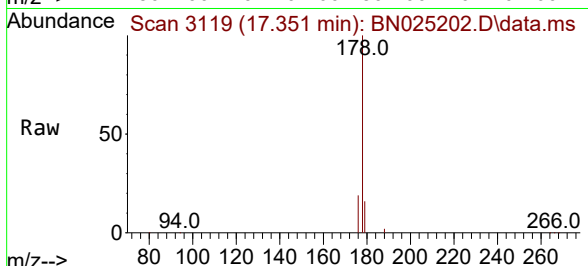




#15
 Phenanthrene
 Concen: 0.382 ng/u1
 RT: 17.351 min Scan# 3119
 Delta R.T. 0.001 min
 Lab File: BN025202.D
 Acq: 01 May 2023 11:30

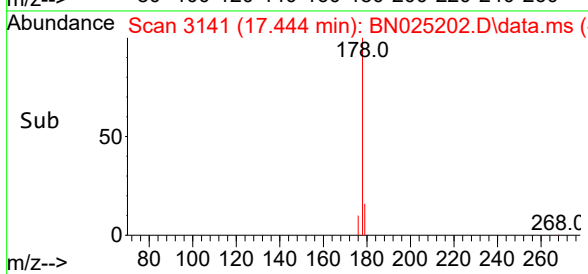
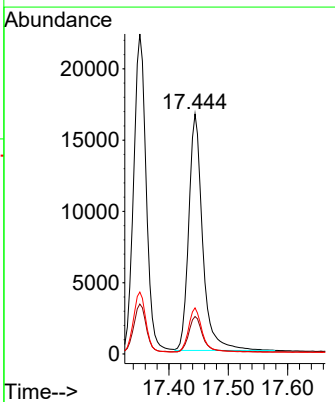
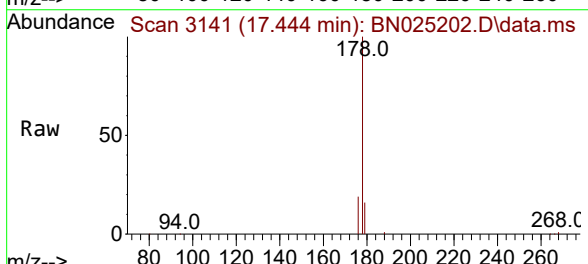
Instrument :
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 ClientSampleId :
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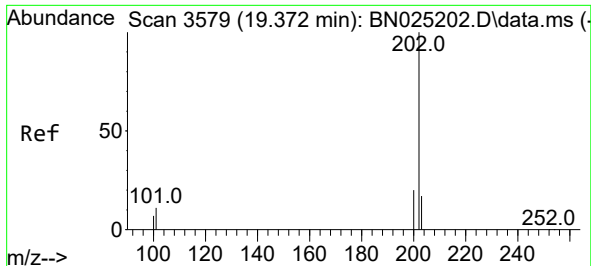
Tgt Ion:	178	Resp:	32897
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.5	18.7
176	19.3	15.6	23.4



#16
 Anthracene
 Concen: 0.383 ng/u1
 RT: 17.444 min Scan# 3141
 Delta R.T. 0.001 min
 Lab File: BN025202.D
 Acq: 01 May 2023 11:30

Tgt Ion:	178	Resp:	26977
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.7	19.1
176	19.2	15.3	22.9

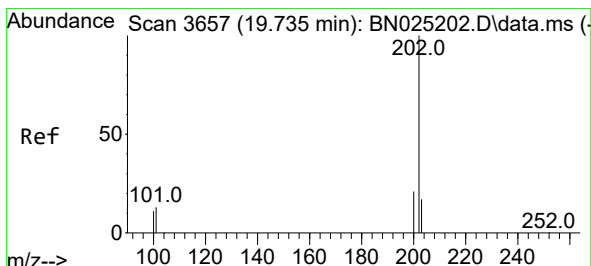
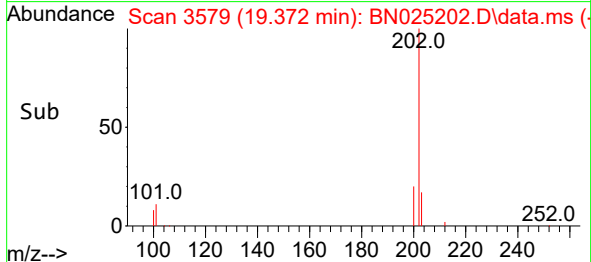
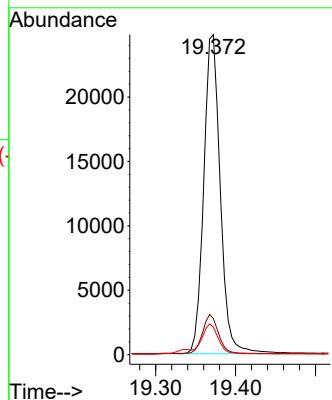
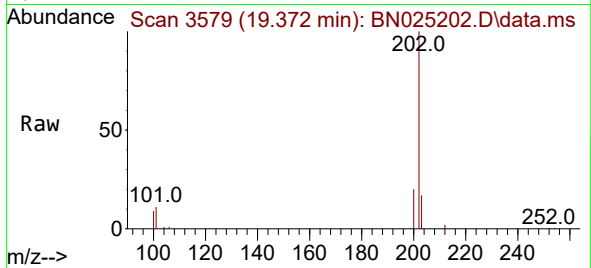




#19
Fluoranthene
Concen: 0.493 ng/u1
RT: 19.372 min Scan# 3579
Delta R.T. 0.001 min
Lab File: BN025202.D
Acq: 01 May 2023 11:30

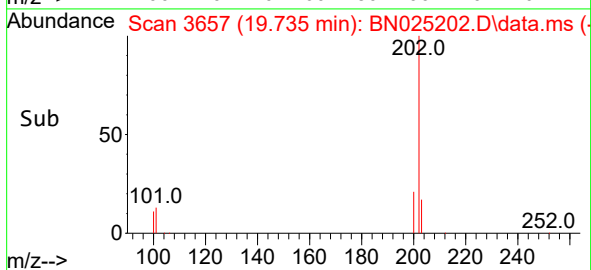
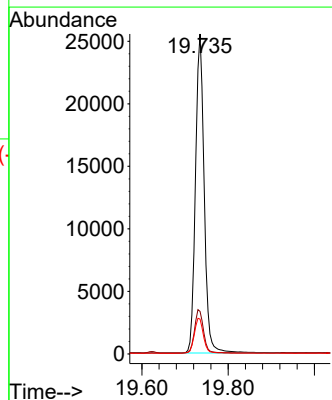
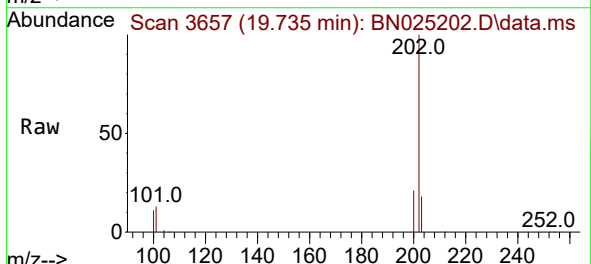
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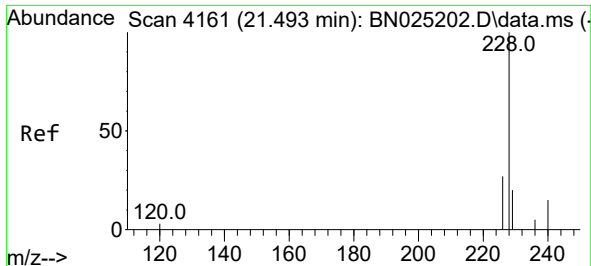
Tgt Ion:202 Resp: 35651
Ion Ratio Lower Upper
202 100
101 11.3 9.7 14.5
100 8.6 7.3 10.9



#20
Pyrene
Concen: 0.480 ng/u1
RT: 19.735 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025202.D
Acq: 01 May 2023 11:30

Tgt Ion:202 Resp: 35692
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 10.9 9.2 13.8

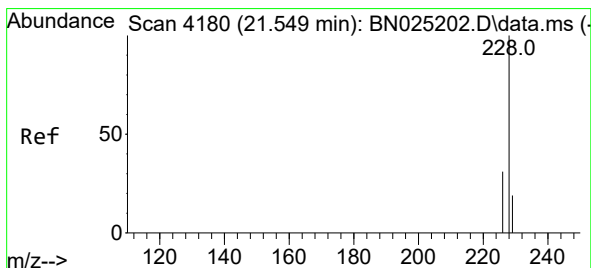
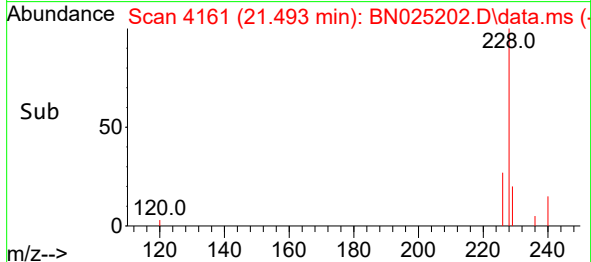
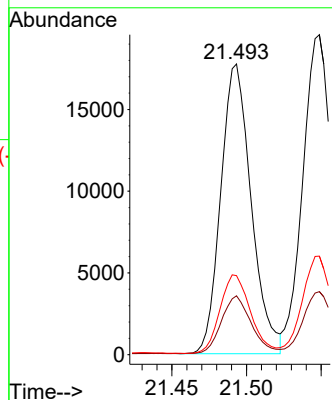
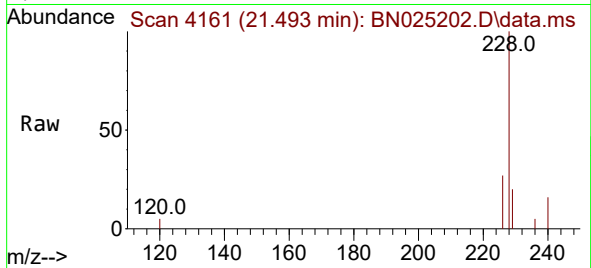




#21
Benzo(a)anthracene
Concen: 0.417 ng/ul
RT: 21.493 min Scan# 4161
Delta R.T. 0.004 min
Lab File: BN025202.D
Acq: 01 May 2023 11:30

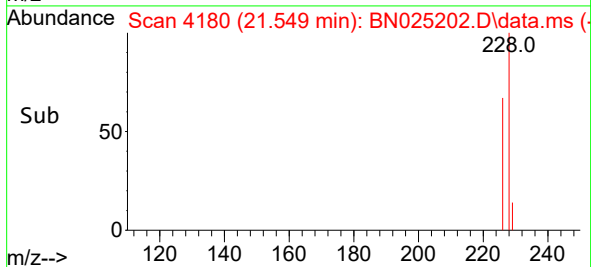
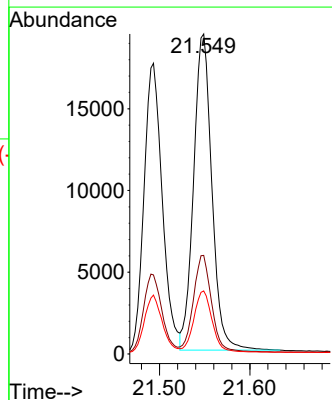
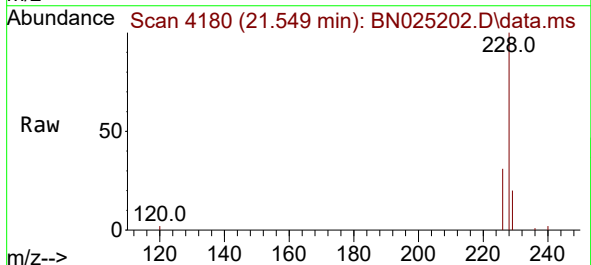
Instrument :
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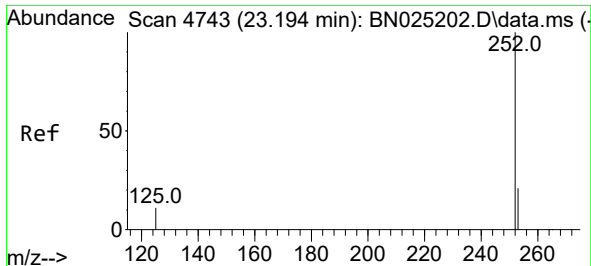
Tgt Ion:228 Resp: 25137
Ion Ratio Lower Upper
228 100
229 20.2 15.6 23.4
226 27.2 22.1 33.1



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. 0.006 min
Lab File: BN025202.D
Acq: 01 May 2023 11:30

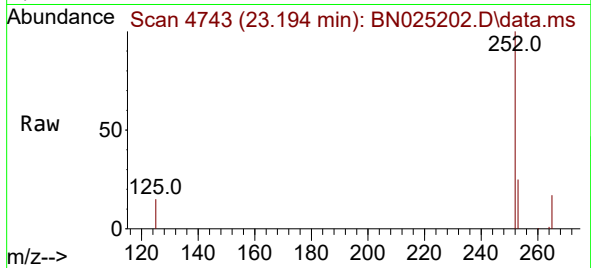
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Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 19.7 15.8 23.6



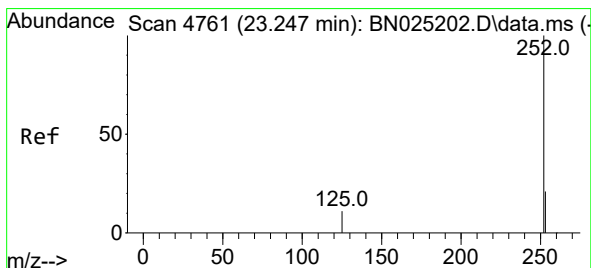
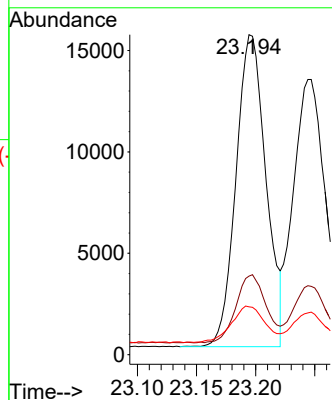


#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 23.194 min Scan# 4743
Delta R.T. -0.005 min
Lab File: BN025202.D
Acq: 01 May 2023 11:30

Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

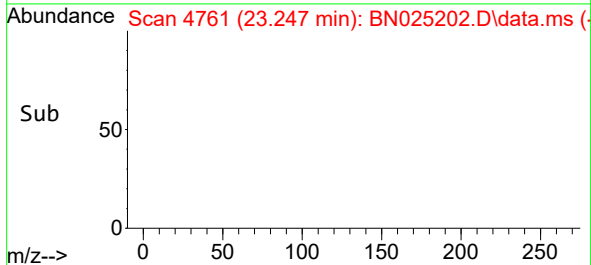
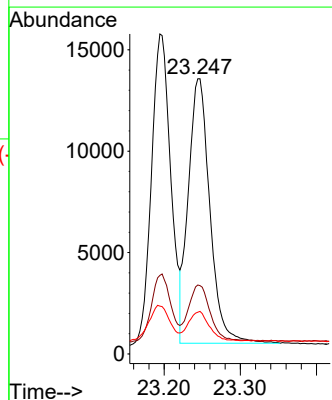
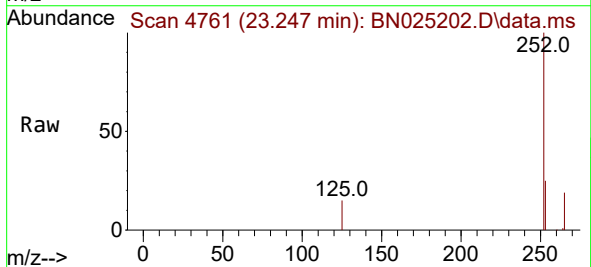


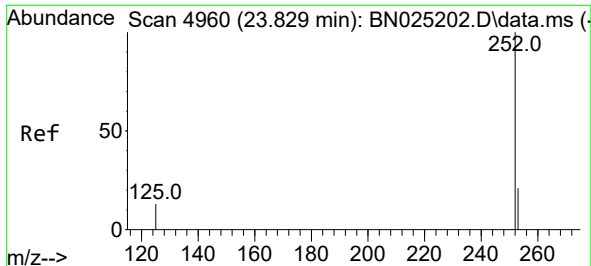
Tgt Ion:252 Resp: 27102
Ion Ratio Lower Upper
252 100
253 24.5 0.0 50.2
125 14.9 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 23.247 min Scan# 4761
Delta R.T. 0.001 min
Lab File: BN025202.D
Acq: 01 May 2023 11:30

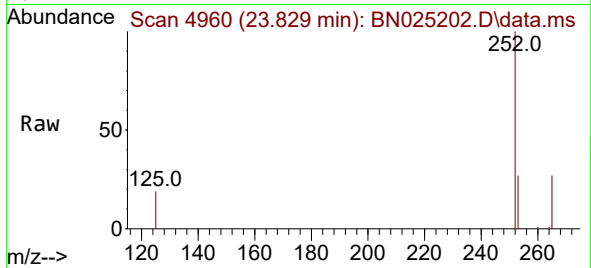
Tgt Ion:252 Resp: 25634
Ion Ratio Lower Upper
252 100
253 24.8 20.2 30.4
125 15.5 11.8 17.8



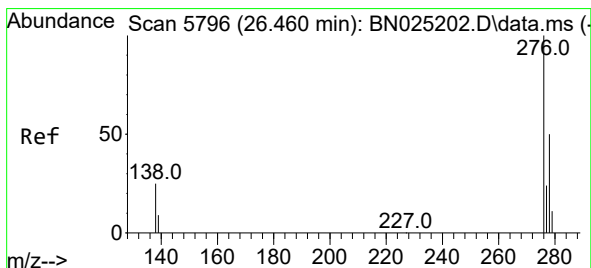
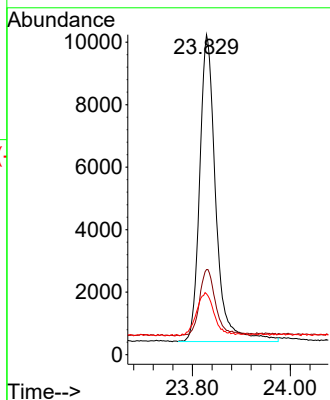
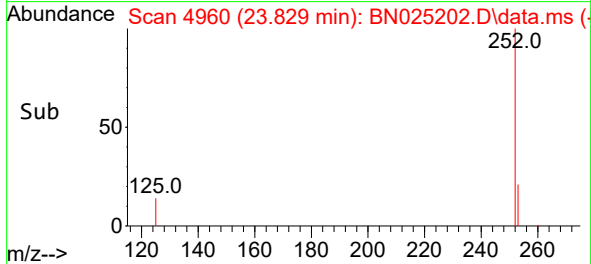


#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.829 min Scan# 4960
Delta R.T. -0.014 min
Lab File: BN025202.D
Acq: 01 May 2023 11:30

Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

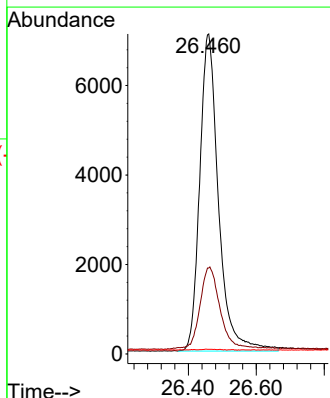
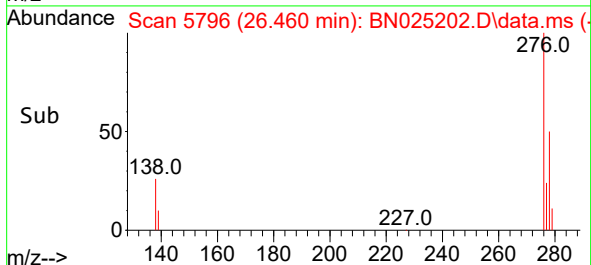
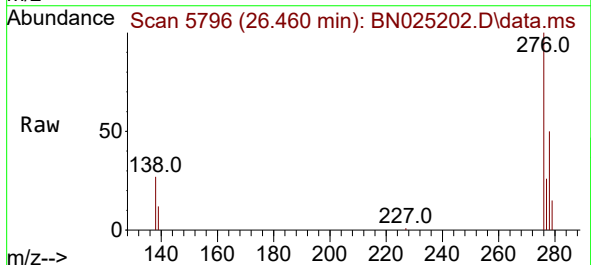


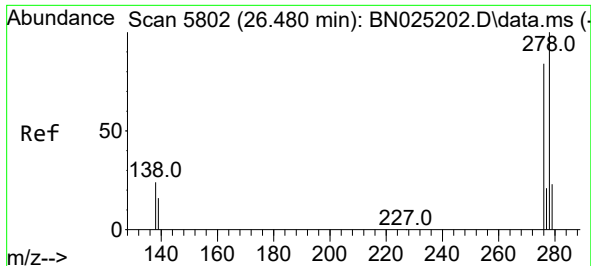
Tgt Ion:252 Resp: 22340
Ion Ratio Lower Upper
252 100
253 26.6 21.4 32.2
125 19.0 14.6 22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 26.460 min Scan# 5796
Delta R.T. -0.023 min
Lab File: BN025202.D
Acq: 01 May 2023 11:30

Tgt Ion:276 Resp: 27168
Ion Ratio Lower Upper
276 100
138 28.2 21.9 32.9
227 0.2 0.1 0.1#

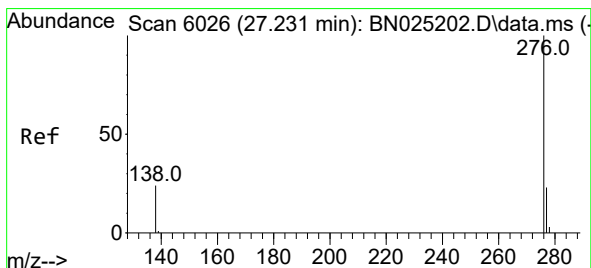
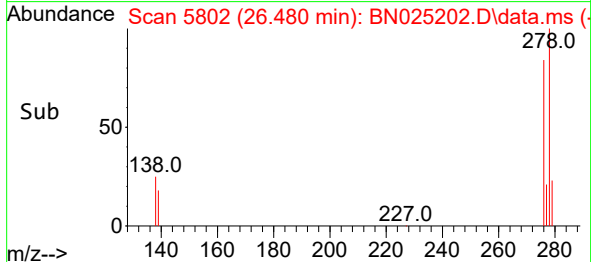
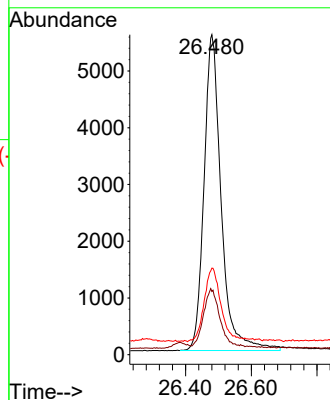
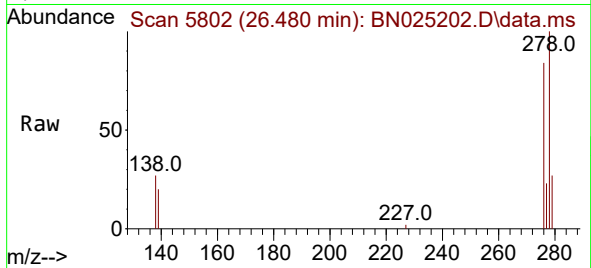




#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 26.480 min Scan# 5802
Delta R.T. -0.026 min
Lab File: BN025202.D
Acq: 01 May 2023 11:30

Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

Tgt Ion:278 Resp: 20200
Ion Ratio Lower Upper
278 100
139 19.7 17.0 25.6
279 27.1 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 27.231 min Scan# 6026
Delta R.T. -0.030 min
Lab File: BN025202.D
Acq: 01 May 2023 11:30

Tgt Ion:276 Resp: 24612
Ion Ratio Lower Upper
276 100
138 25.3 20.3 30.5
277 24.3 19.8 29.6

