

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050123\
 Data File : BN025212.D
 Acq On : 01 May 2023 17:36
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4287

Quant Time: May 02 04:02:47 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

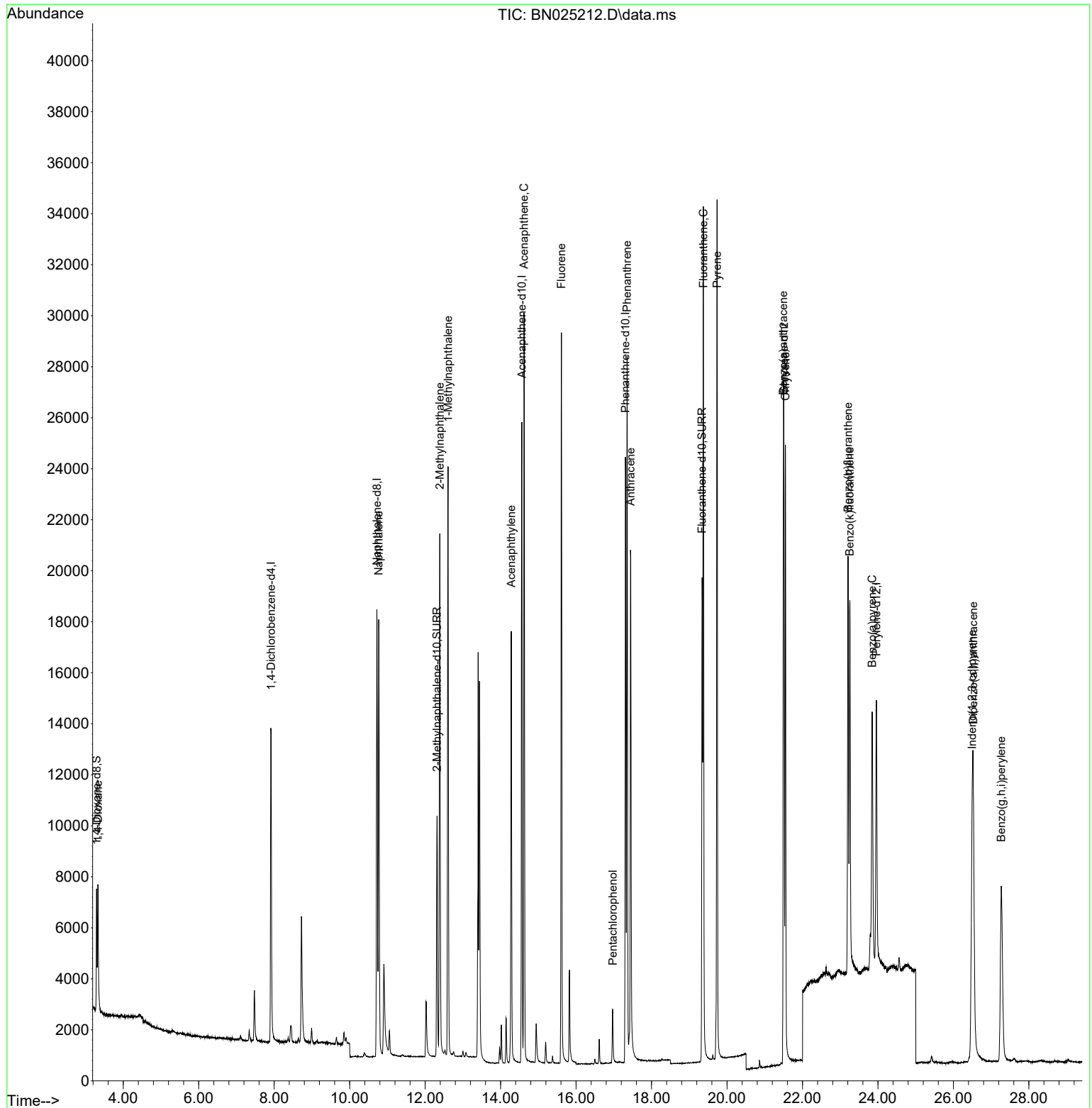
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7176	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	23968	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	13641	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	27690	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	16356	0.400	ng/ul	0.00
23) Perylene-d12	23.958	264	14466	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	2827	0.380	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	12740	0.414	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	21907	0.508	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	3095	0.387	ng/ul	92
5) Naphthalene	10.770	128	24275	0.395	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	15310	0.407	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	16180	0.404	ng/ul	100
10) Acenaphthylene	14.283	152	20365	0.401	ng/ul	100
11) Acenaphthene	14.621	153	17289	0.404	ng/ul	100
12) Fluorene	15.611	166	18976	0.396	ng/ul	99
14) Pentachlorophenol	16.971	266	1681	0.309	ng/ul	98
15) Phenanthrene	17.351	178	29723	0.380	ng/ul	100
16) Anthracene	17.444	178	24626	0.385	ng/ul	100
19) Fluoranthene	19.373	202	29517	0.499	ng/ul	100
20) Pyrene	19.735	202	29348	0.483	ng/ul	100
21) Benzo(a)anthracene	21.494	228	20320	0.412	ng/ul	99
22) Chrysene	21.546	228	21985	0.409	ng/ul	99
24) Benzo(b)fluoranthene	23.207	252	21485	0.366	ng/ul	98
25) Benzo(k)fluoranthene	23.253	252	20494	0.363	ng/ul	97
26) Benzo(a)pyrene	23.847	252	17885	0.368	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.497	276	22358	0.400	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.524	278	17275	0.395	ng/ul	98
29) Benzo(g,h,i)perylene	27.269	276	18854	0.396	ng/ul	98

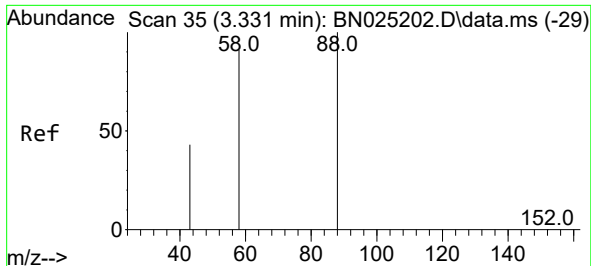
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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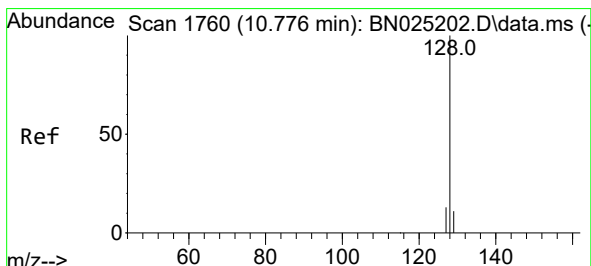
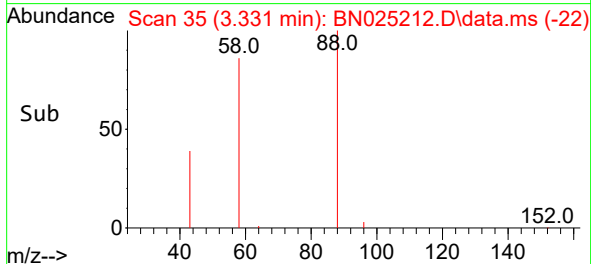
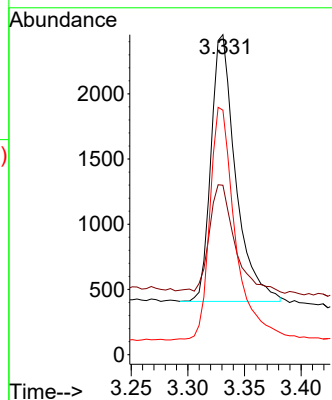
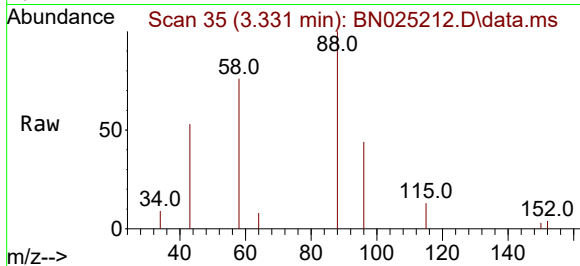




#2
 1,4-Dioxane
 Concen: 0.387 ng/ul
 RT: 3.331 min Scan# 31
 Delta R.T. 0.005 min
 Lab File: BN025212.D
 Acq: 01 May 2023 17:36

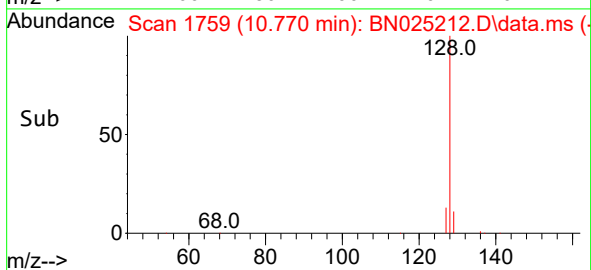
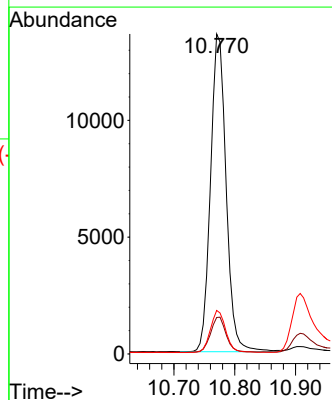
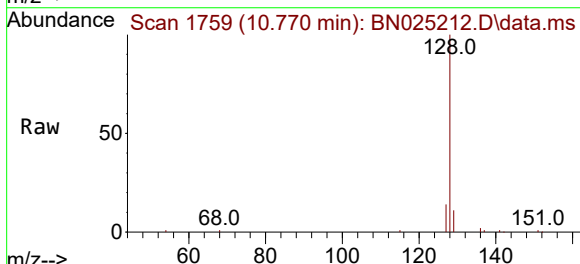
Instrument :
 BNA_N
 ClientSampleId :
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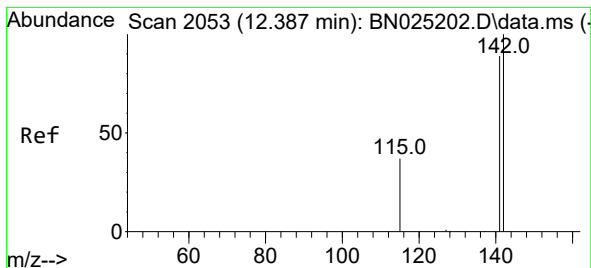
Tgt Ion: 88 Resp: 3095
 Ion Ratio Lower Upper
 88 100
 43 52.9 37.0 55.4
 58 76.4 56.9 85.3



#5
 Naphthalene
 Concen: 0.395 ng/ul
 RT: 10.770 min Scan# 1759
 Delta R.T. -0.004 min
 Lab File: BN025212.D
 Acq: 01 May 2023 17:36

Tgt Ion: 128 Resp: 24275
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 13.6 10.7 16.1

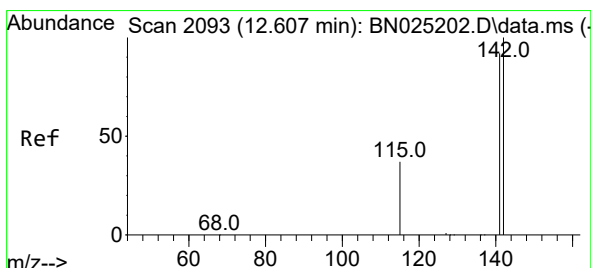
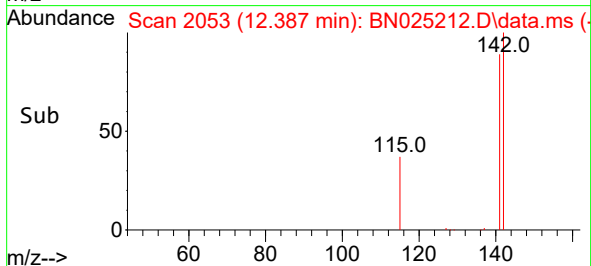
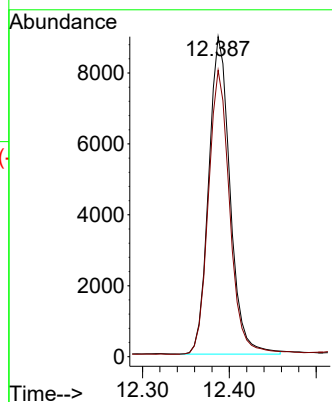
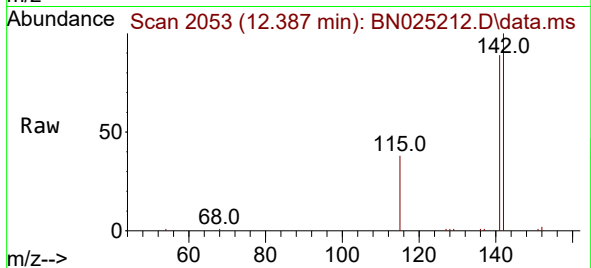




#7
2-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025212.D
Acq: 01 May 2023 17:36

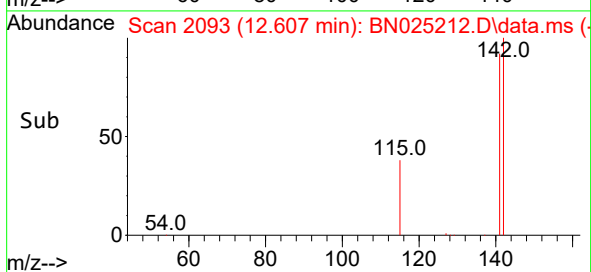
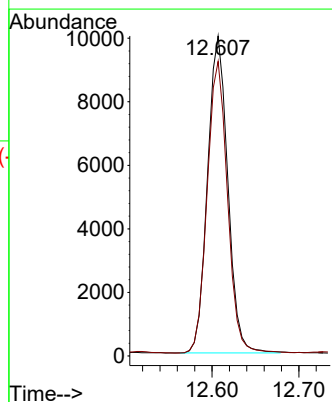
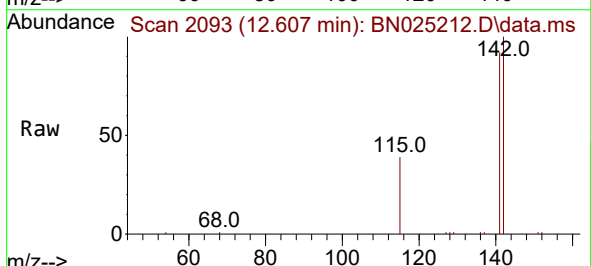
Instrument :
BNA_N
ClientSampleId :
SSTD0.4287

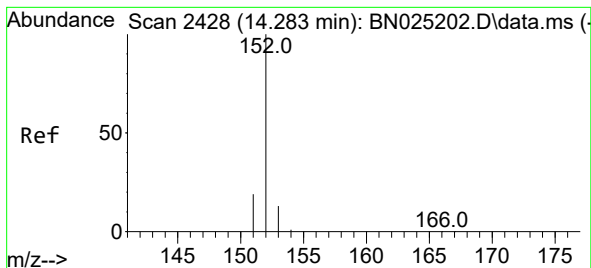
Tgt Ion:142 Resp: 15310
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025212.D
Acq: 01 May 2023 17:36

Tgt Ion:142 Resp: 16180
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6





#10

Acenaphthylene

Concen: 0.401 ng/ul

RT: 14.283 min Scan# 2428

Delta R.T. 0.001 min

Lab File: BN025212.D

Acq: 01 May 2023 17:36

Instrument :

BNA_N

ClientSampleId :

SSTD0.4287

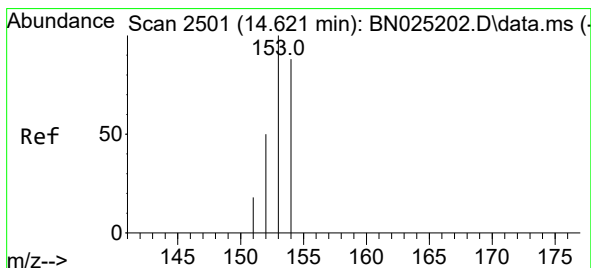
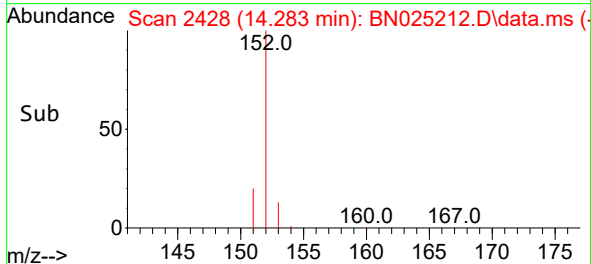
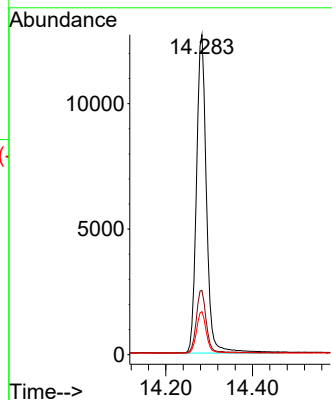
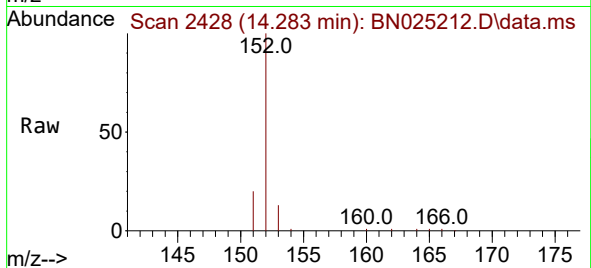
Tgt Ion:152 Resp: 20365

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.5 10.8 16.2



#11

Acenaphthene

Concen: 0.404 ng/ul

RT: 14.621 min Scan# 2501

Delta R.T. 0.001 min

Lab File: BN025212.D

Acq: 01 May 2023 17:36

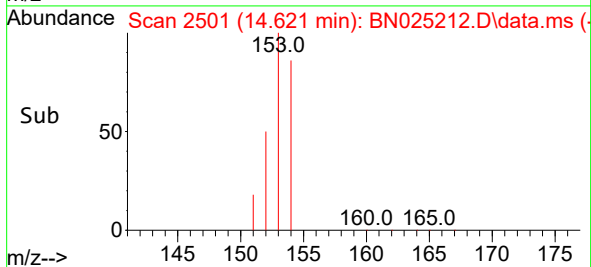
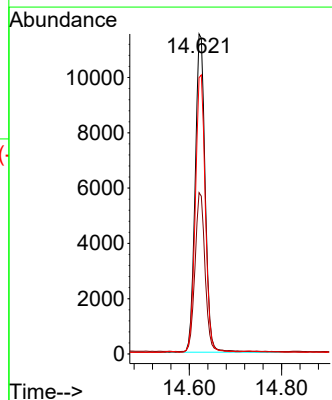
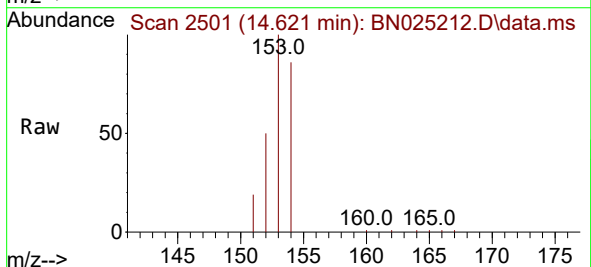
Tgt Ion:153 Resp: 17289

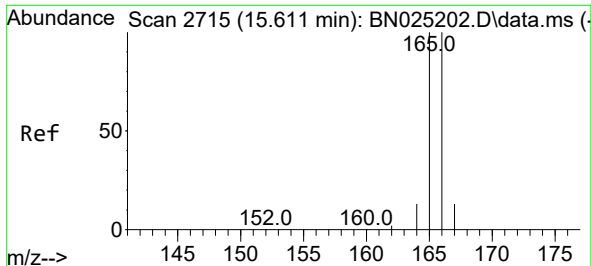
Ion Ratio Lower Upper

153 100

152 50.4 40.2 60.4

154 86.4 69.4 104.2

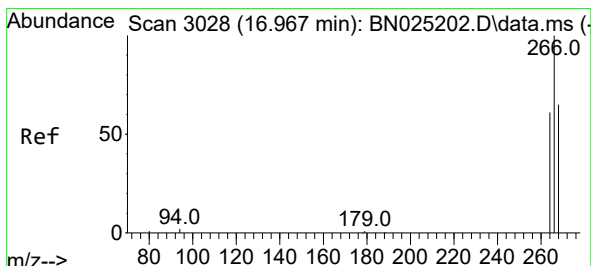
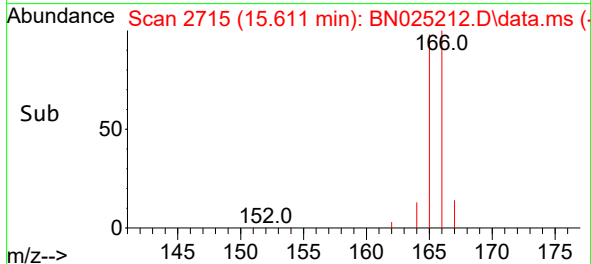
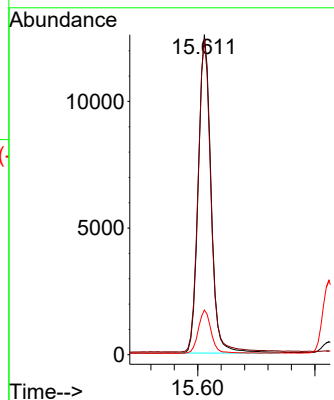
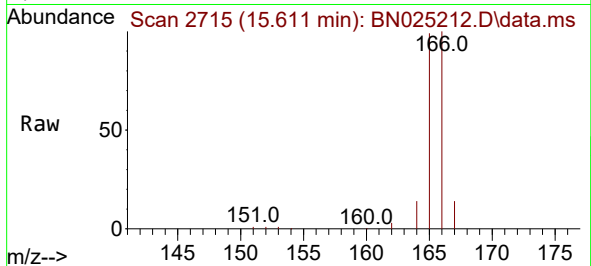




#12
 Fluorene
 Concen: 0.396 ng/ul
 RT: 15.611 min Scan# 2715
 Delta R.T. 0.001 min
 Lab File: BN025212.D
 Acq: 01 May 2023 17:36

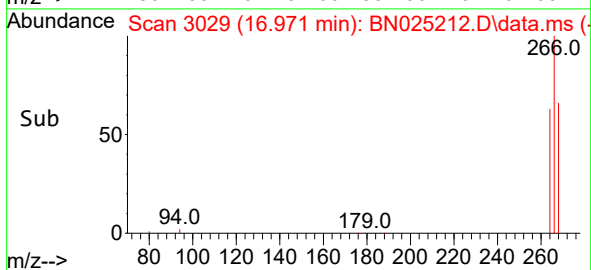
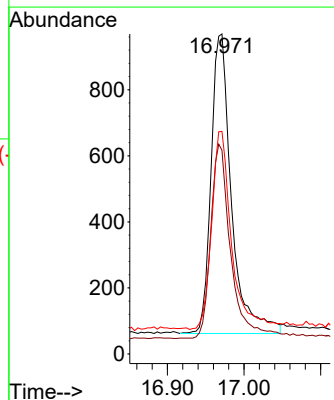
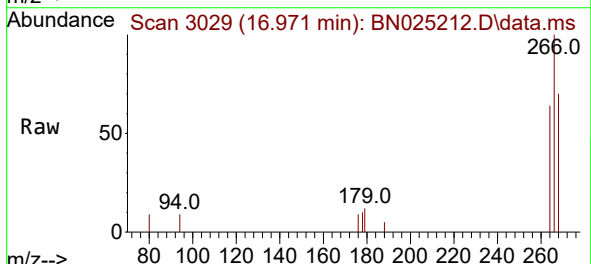
Instrument :
 BNA_N
 ClientSampleId :
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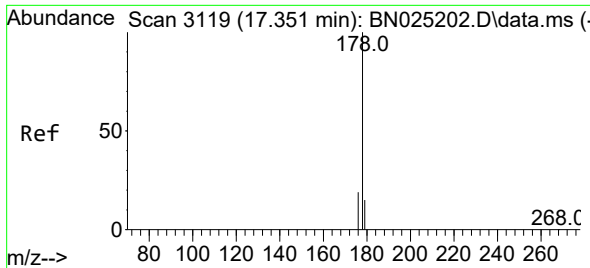
Tgt Ion:166 Resp: 18976
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.1 117.1
 167 13.9 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.309 ng/ul
 RT: 16.971 min Scan# 3029
 Delta R.T. 0.005 min
 Lab File: BN025212.D
 Acq: 01 May 2023 17:36

Tgt Ion:266 Resp: 1681
 Ion Ratio Lower Upper
 266 100
 264 63.2 49.6 74.4
 268 65.5 51.3 76.9

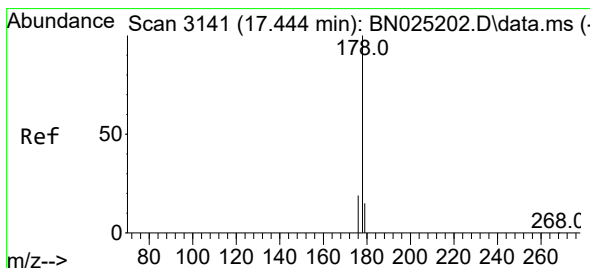
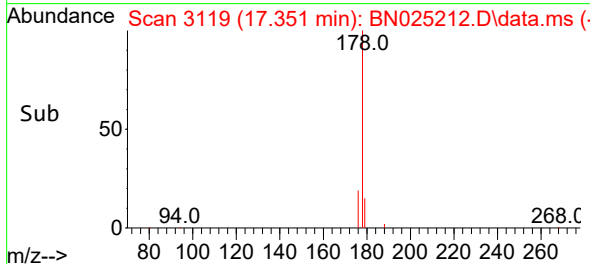
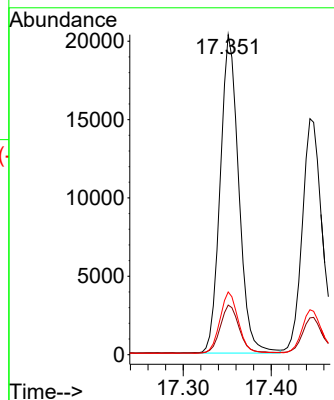
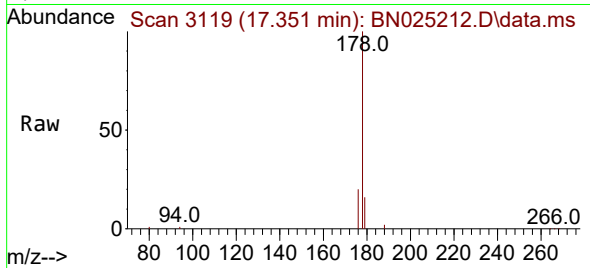




#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025212.D
Acq: 01 May 2023 17:36

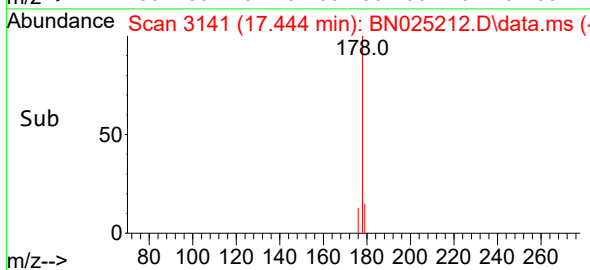
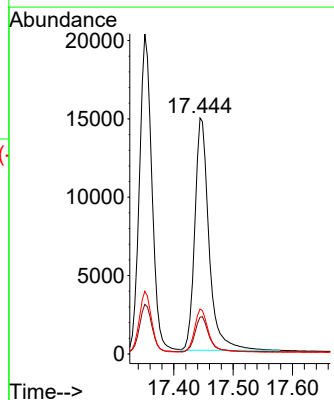
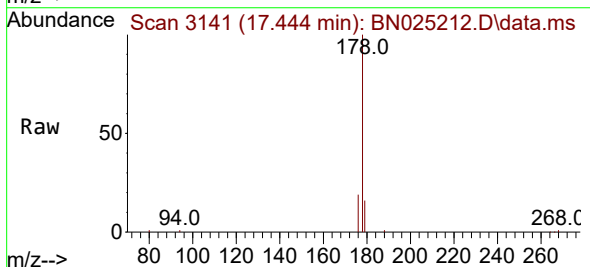
Instrument :
BNA_N
ClientSampleId :
SSTD0.4287

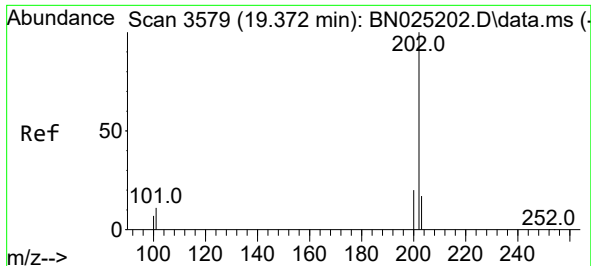
Tgt Ion:	178	Resp:	29723
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.5	18.7
176	19.6	15.6	23.4



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025212.D
Acq: 01 May 2023 17:36

Tgt Ion:	178	Resp:	24626
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.7	19.1
176	19.1	15.3	22.9

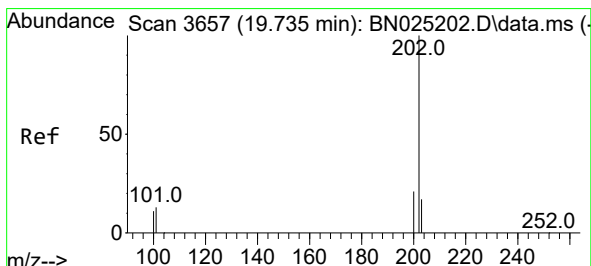
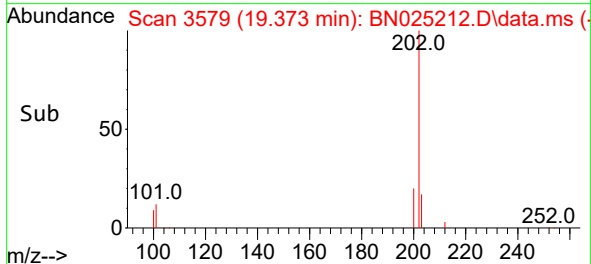
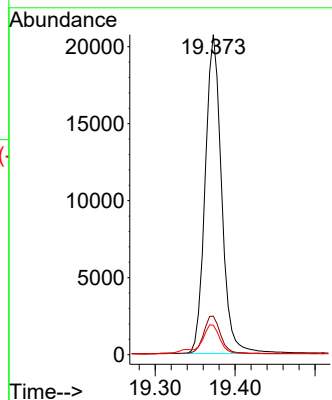
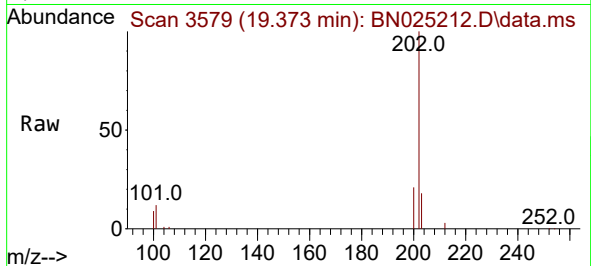




#19
Fluoranthene
Concen: 0.499 ng/ul
RT: 19.373 min Scan# 3579
Delta R.T. 0.001 min
Lab File: BN025212.D
Acq: 01 May 2023 17:36

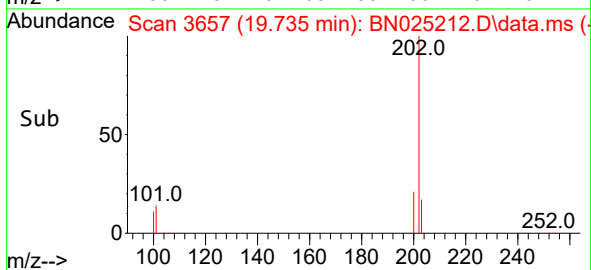
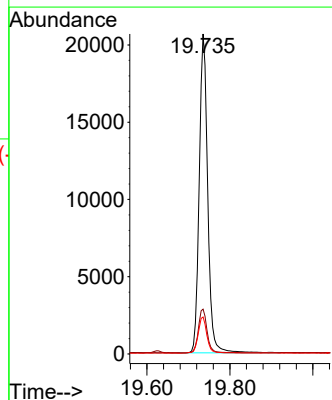
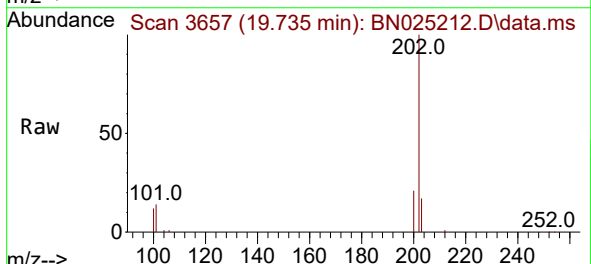
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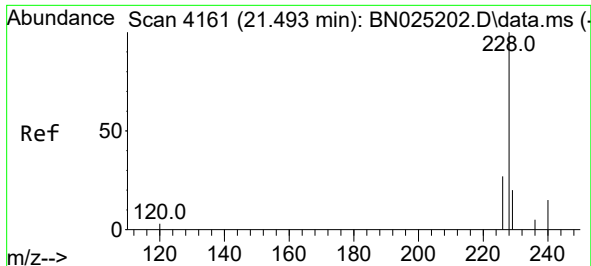
Tgt Ion:202 Resp: 29517
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.2 7.3 10.9



#20
Pyrene
Concen: 0.483 ng/ul
RT: 19.735 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025212.D
Acq: 01 May 2023 17:36

Tgt Ion:202 Resp: 29348
Ion Ratio Lower Upper
202 100
101 14.0 11.3 16.9
100 11.6 9.2 13.8

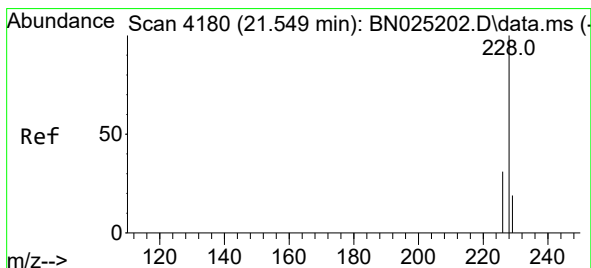
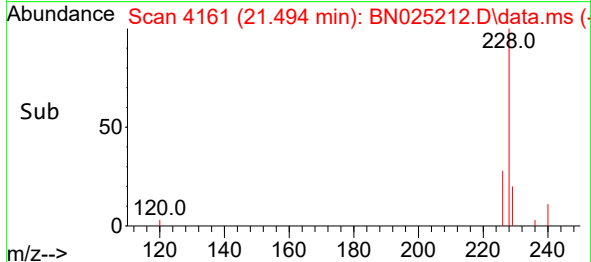
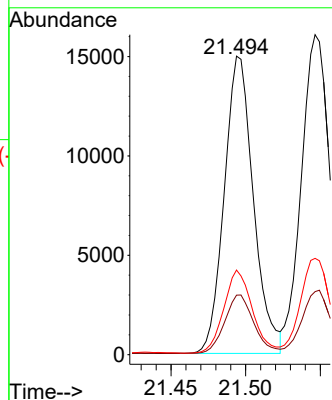
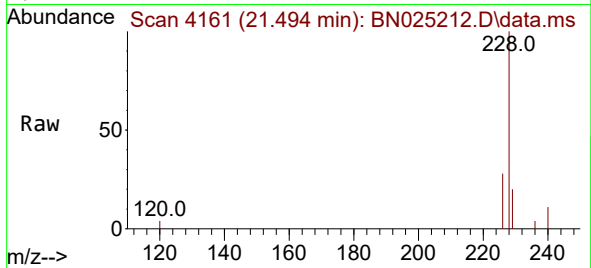




#21
Benzo(a)anthracene
Concen: 0.412 ng/ul
RT: 21.494 min Scan# 4161
Delta R.T. 0.004 min
Lab File: BN025212.D
Acq: 01 May 2023 17:36

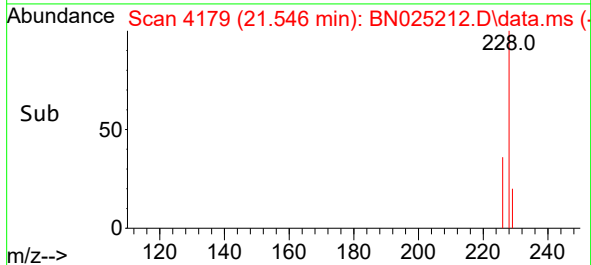
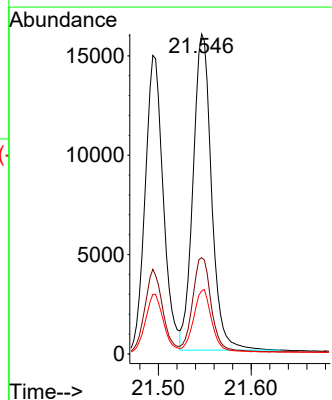
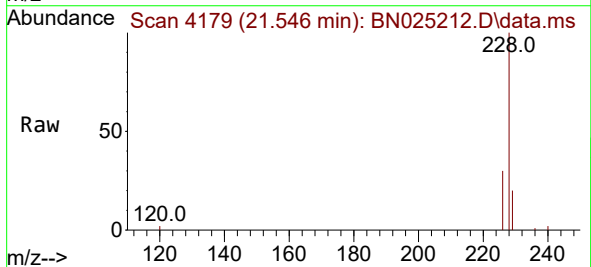
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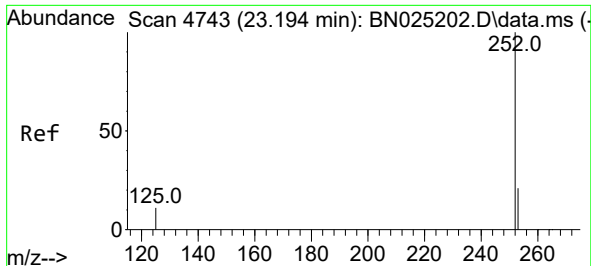
Tgt Ion:228 Resp: 20320
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 28.3 22.1 33.1



#22
Chrysene
Concen: 0.409 ng/ul
RT: 21.546 min Scan# 4179
Delta R.T. 0.004 min
Lab File: BN025212.D
Acq: 01 May 2023 17:36

Tgt Ion:228 Resp: 21985
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 19.7 15.8 23.6

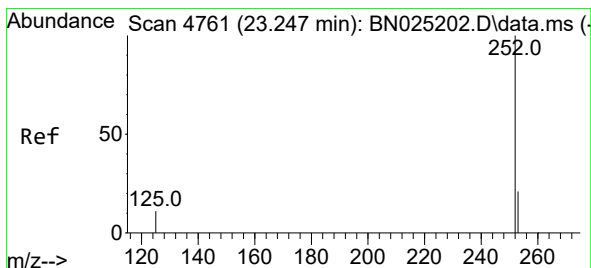
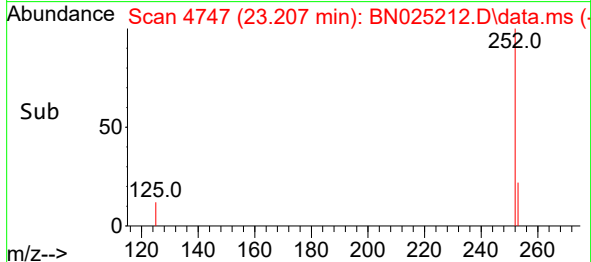
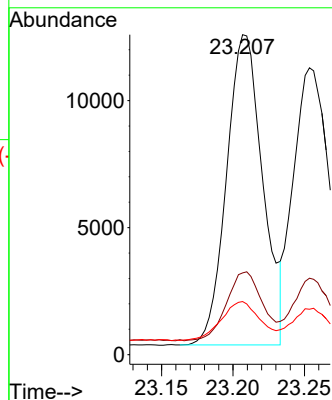
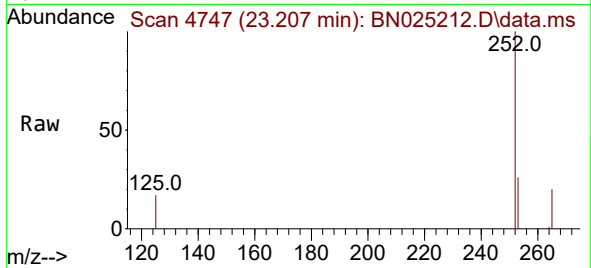




#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 23.207 min Scan# 4747
Delta R.T. 0.007 min
Lab File: BN025212.D
Acq: 01 May 2023 17:36

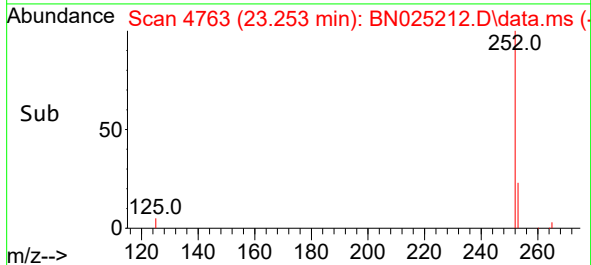
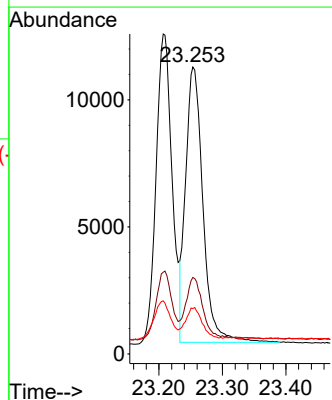
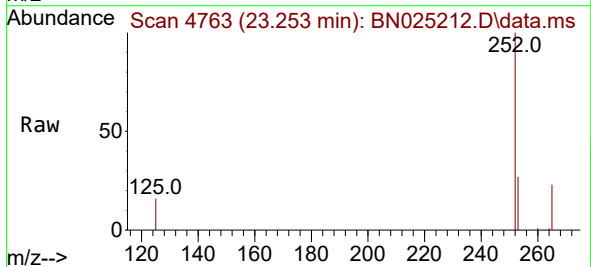
Instrument :
BNA_N
ClientSampleId :
SSTD0.4287

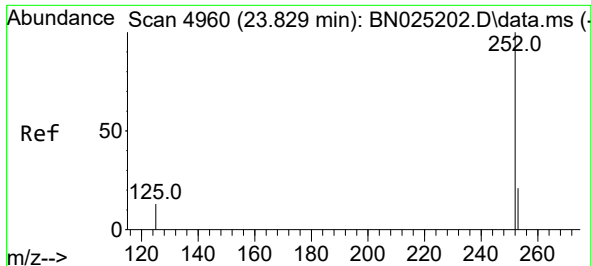
Tgt Ion:252 Resp: 21485
Ion Ratio Lower Upper
252 100
253 25.6 0.0 50.2
125 16.6 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 23.253 min Scan# 4763
Delta R.T. 0.007 min
Lab File: BN025212.D
Acq: 01 May 2023 17:36

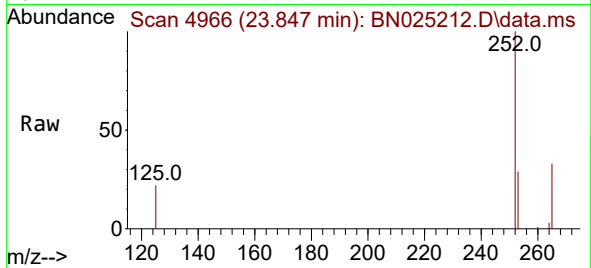
Tgt Ion:252 Resp: 20494
Ion Ratio Lower Upper
252 100
253 26.6 20.2 30.4
125 15.8 11.8 17.8



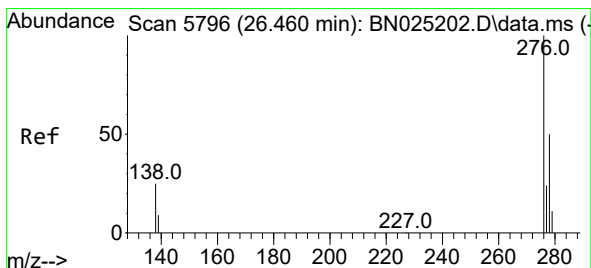
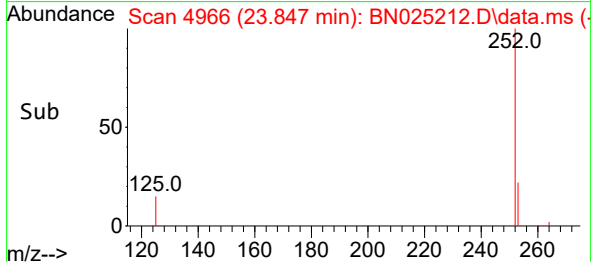
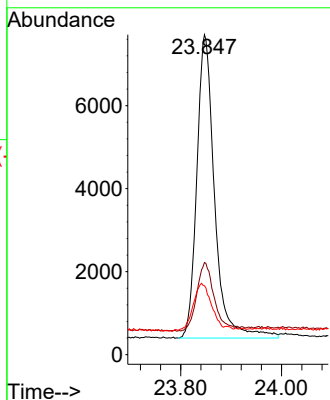


#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.847 min Scan# 4966
Delta R.T. 0.004 min
Lab File: BN025212.D
Acq: 01 May 2023 17:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.4287

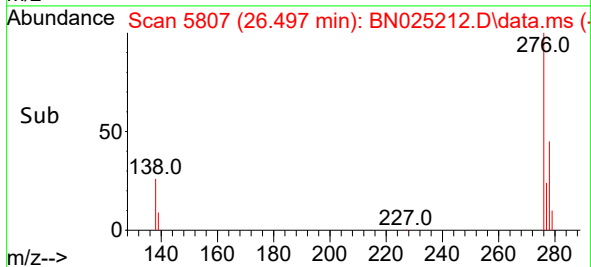
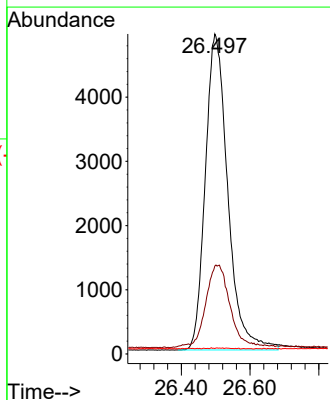
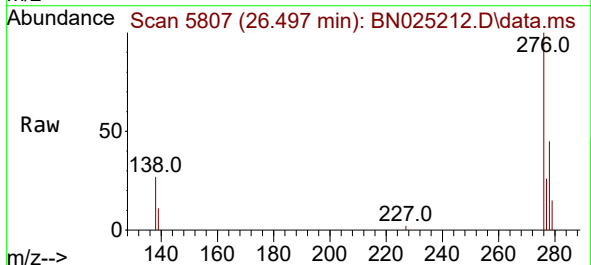


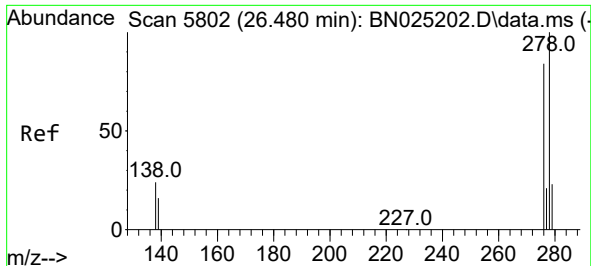
Tgt Ion:252 Resp: 17885
Ion Ratio Lower Upper
252 100
253 28.8 21.4 32.2
125 21.5 14.6 22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng/ul
RT: 26.497 min Scan# 5807
Delta R.T. 0.015 min
Lab File: BN025212.D
Acq: 01 May 2023 17:36

Tgt Ion:276 Resp: 22358
Ion Ratio Lower Upper
276 100
138 27.2 21.9 32.9
227 0.0 0.1 0.1#

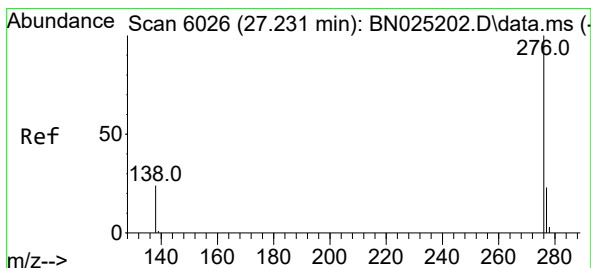
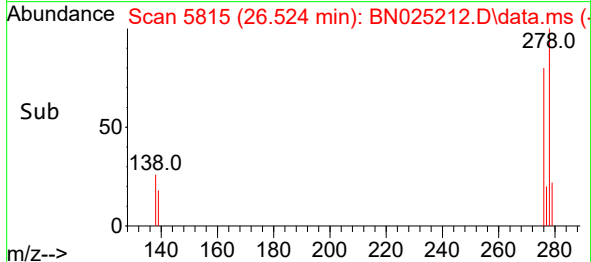
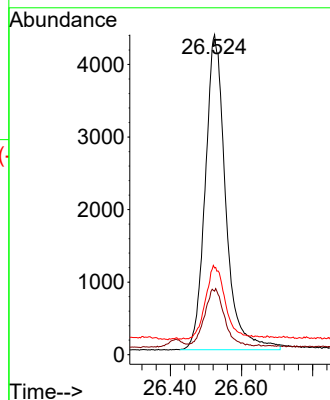
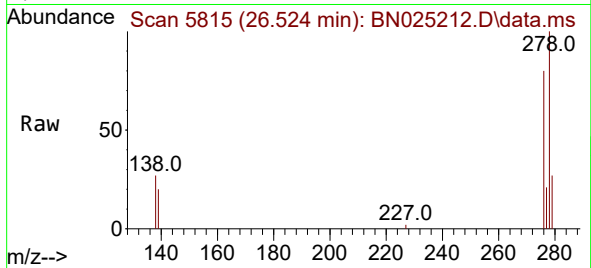




#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 26.524 min Scan# 5802
Delta R.T. 0.018 min
Lab File: BN025212.D
Acq: 01 May 2023 17:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.4287

Tgt Ion: 278 Resp: 17275
Ion Ratio Lower Upper
278 100
139 19.9 17.0 25.6
279 27.1 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.396 ng/ul
RT: 27.269 min Scan# 6037
Delta R.T. 0.008 min
Lab File: BN025212.D
Acq: 01 May 2023 17:36

Tgt Ion: 276 Resp: 18854
Ion Ratio Lower Upper
276 100
138 26.4 20.3 30.5
277 25.9 19.8 29.6

