

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042923\
 Data File : BN025200.D
 Acq On : 28 Apr 2023 20:58
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4285

Quant Time: May 01 02:09:47 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)

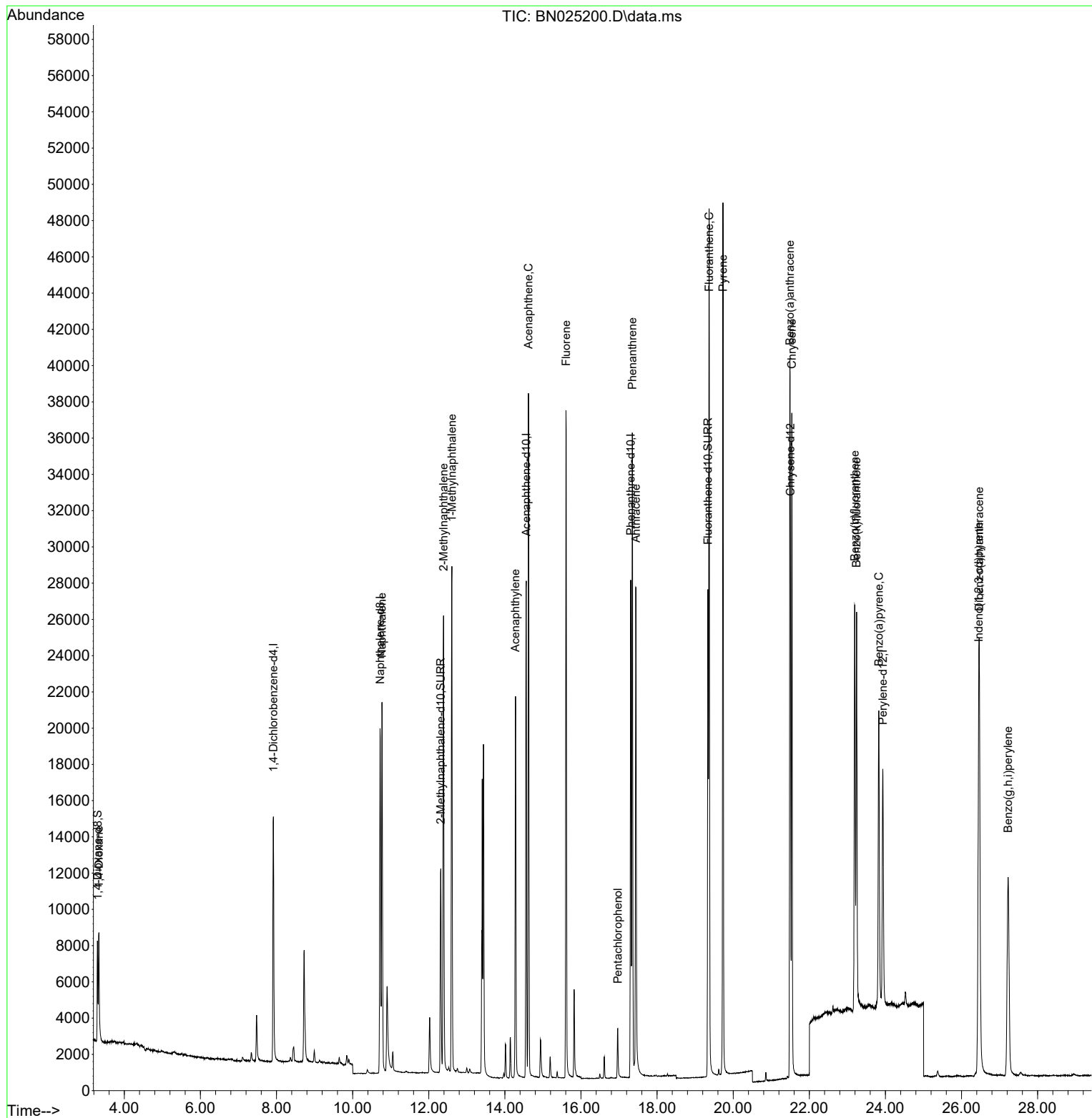
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7828	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	25730	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	15126	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	32296	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	21439	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	18751	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	3488	0.430	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	15215	0.461	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	29953	0.530	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	3706	0.425	ng/ul#	87
5) Naphthalene	10.770	128	28619	0.434	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	18423	0.456	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	19543	0.454	ng/ul	100
10) Acenaphthylene	14.279	152	25500	0.453	ng/ul	100
11) Acenaphthene	14.621	153	21096	0.444	ng/ul	100
12) Fluorene	15.607	166	23563	0.444	ng/ul	98
14) Pentachlorophenol	16.967	266	2113	0.333	ng/ul	99
15) Phenanthrene	17.351	178	38343	0.421	ng/ul	100
16) Anthracene	17.444	178	32331	0.434	ng/ul	100
19) Fluoranthene	19.368	202	41015	0.529	ng/ul	99
20) Pyrene	19.731	202	41002	0.515	ng/ul	99
21) Benzo(a)anthracene	21.488	228	30582	0.473	ng/ul	100
22) Chrysene	21.541	228	31870	0.452	ng/ul	100
24) Benzo(b)fluoranthene	23.195	252	30465	0.400	ng/ul	100
25) Benzo(k)fluoranthene	23.242	252	29135	0.398	ng/ul	99
26) Benzo(a)pyrene	23.826	252	25805	0.410	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.450	276	31688	0.437	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.467	278	25011	0.442	ng/ul	98
29) Benzo(g,h,i)perylene	27.225	276	26643	0.432	ng/ul	99

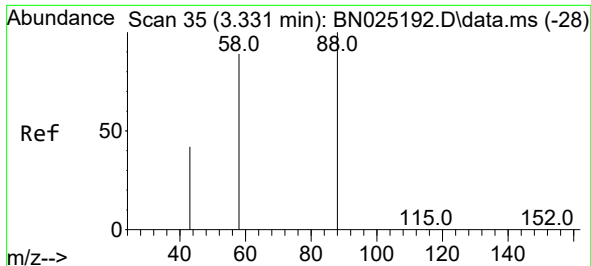
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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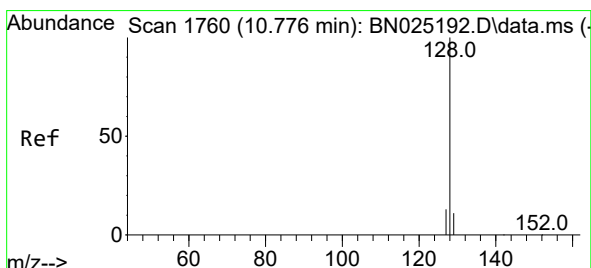
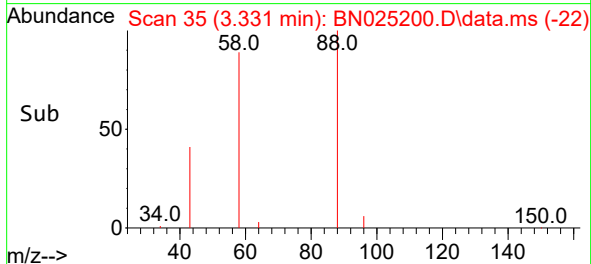
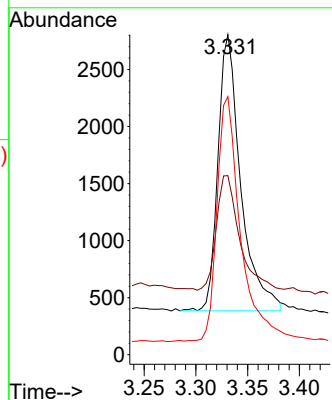
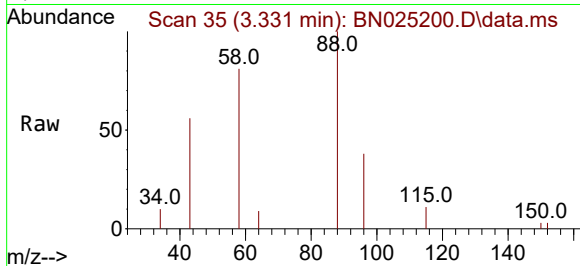




#2
 1,4-Dioxane
 Concen: 0.425 ng/ul
 RT: 3.331 min Scan# 31
 Delta R.T. 0.005 min
 Lab File: BN025200.D
 Acq: 28 Apr 2023 20:58

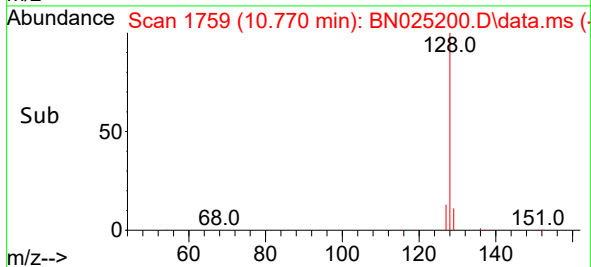
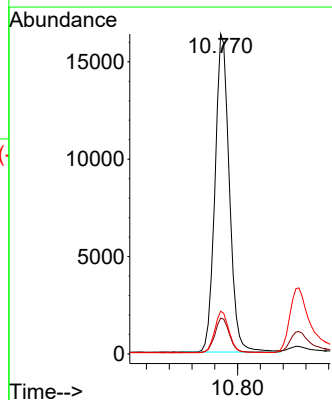
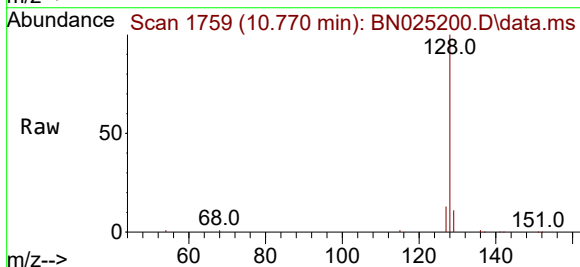
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4285

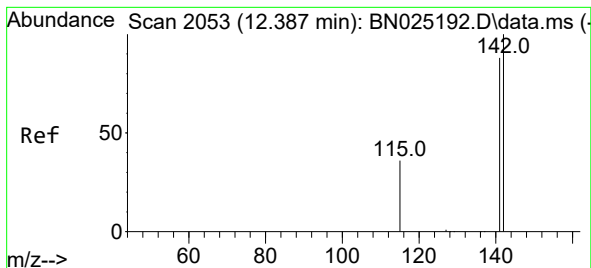
Tgt Ion: 88 Resp: 3706
 Ion Ratio Lower Upper
 88 100
 43 56.0 37.0 55.4#
 58 80.7 56.9 85.3



#5
 Naphthalene
 Concen: 0.434 ng/ul
 RT: 10.770 min Scan# 1759
 Delta R.T. -0.004 min
 Lab File: BN025200.D
 Acq: 28 Apr 2023 20:58

Tgt Ion: 128 Resp: 28619
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.6
 127 13.4 10.7 16.1

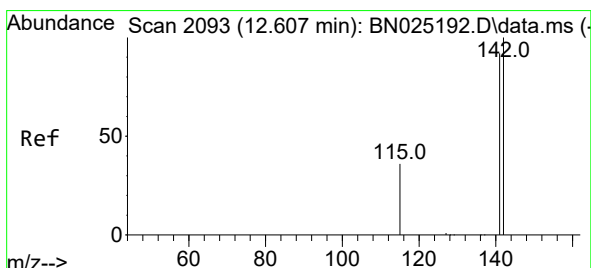
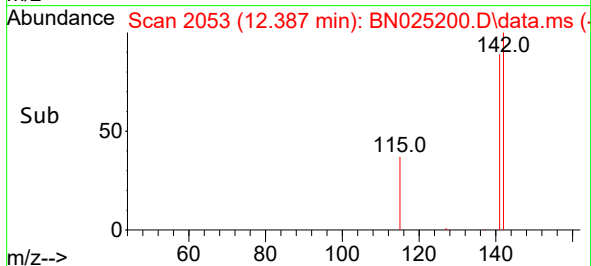
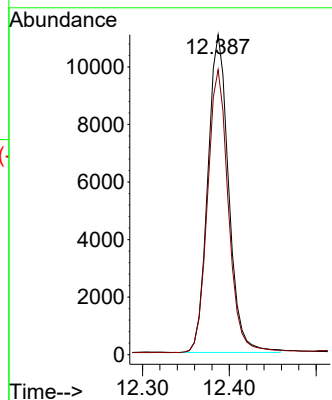
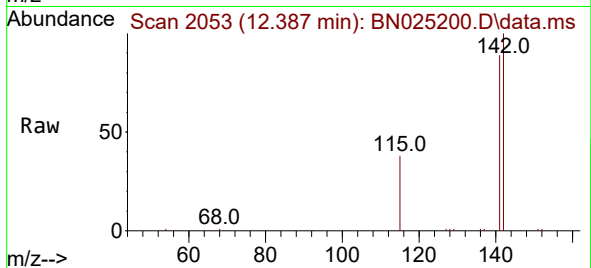




#7
2-Methylnaphthalene
Concen: 0.456 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025200.D
Acq: 28 Apr 2023 20:58

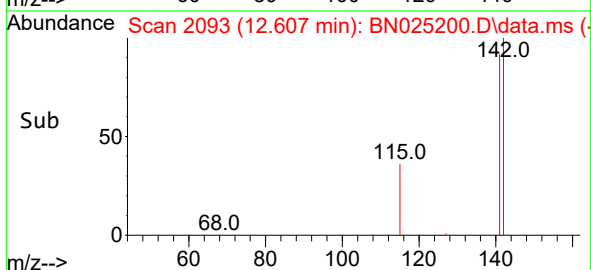
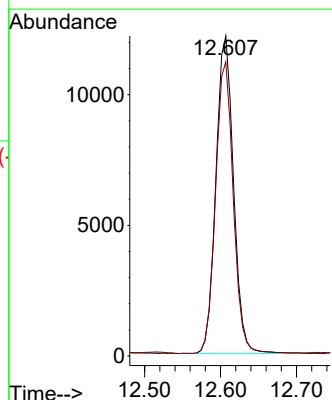
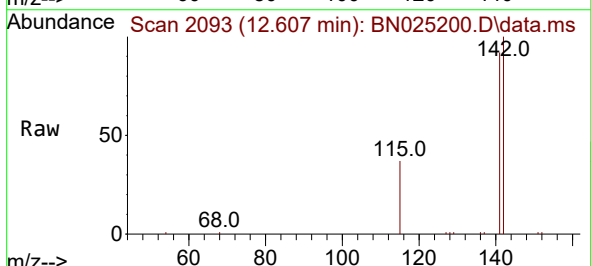
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

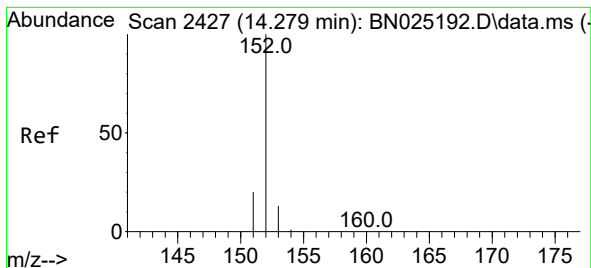
Tgt Ion:142 Resp: 18423
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.454 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025200.D
Acq: 28 Apr 2023 20:58

Tgt Ion:142 Resp: 19543
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6





#10

Acenaphthylene

Concen: 0.453 ng/ul

RT: 14.279 min Scan# 2427

Delta R.T. -0.004 min

Lab File: BN025200.D

Acq: 28 Apr 2023 20:58

Instrument :

BNA_N

ClientSampleId :

SSTD0.4285

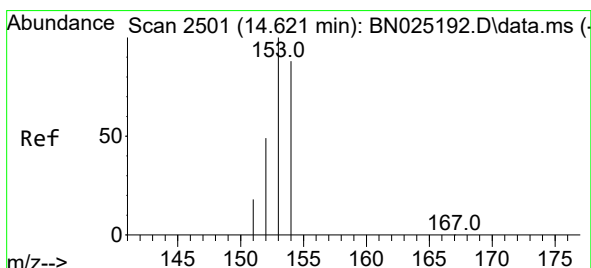
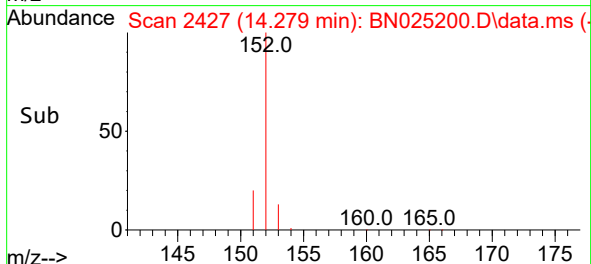
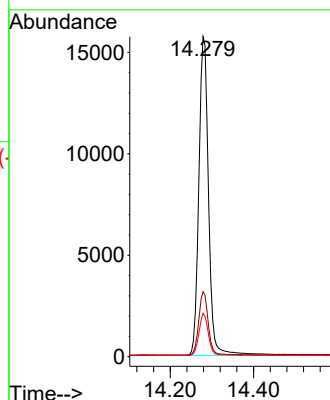
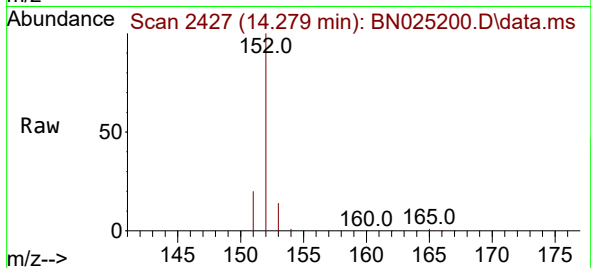
Tgt Ion:152 Resp: 25500

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.6 10.8 16.2



#11

Acenaphthene

Concen: 0.444 ng/ul

RT: 14.621 min Scan# 2501

Delta R.T. 0.001 min

Lab File: BN025200.D

Acq: 28 Apr 2023 20:58

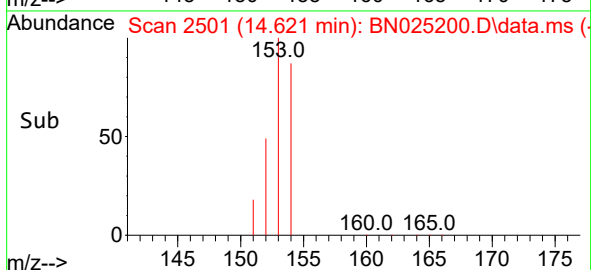
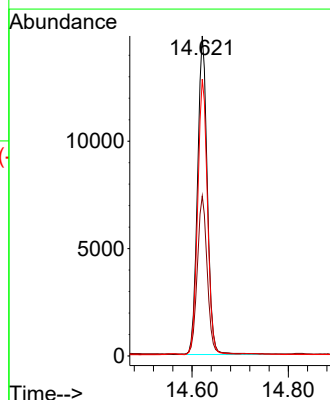
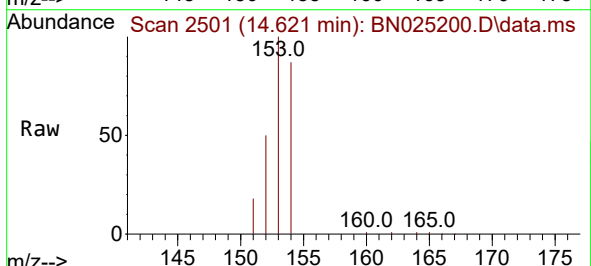
Tgt Ion:153 Resp: 21096

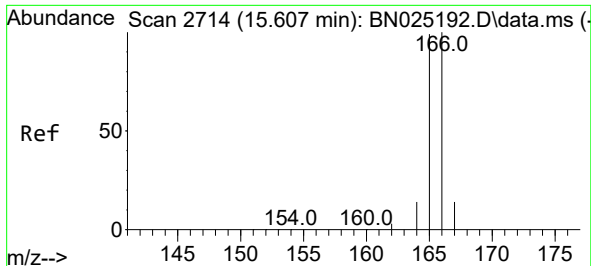
Ion Ratio Lower Upper

153 100

152 50.0 40.2 60.4

154 86.5 69.4 104.2

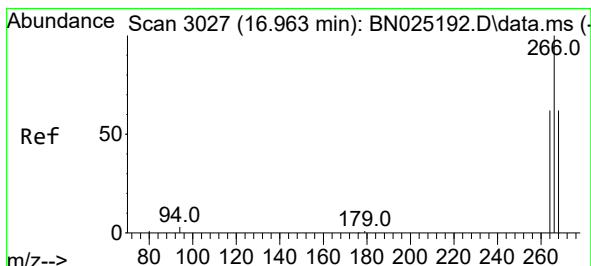
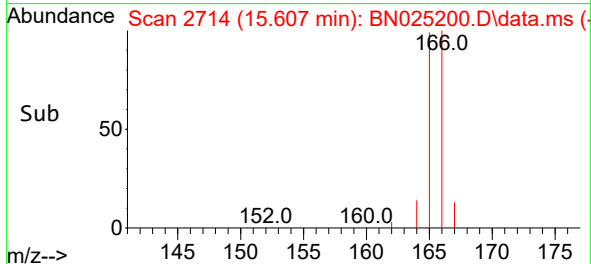
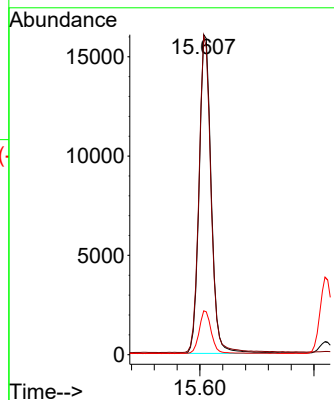
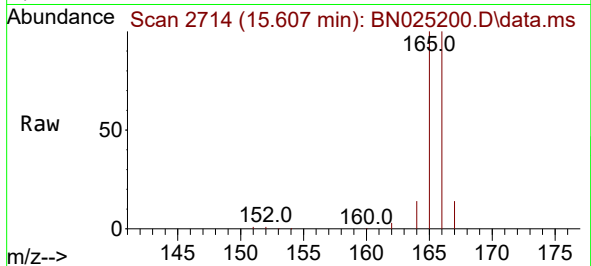




#12
Fluorene
Concen: 0.444 ng/ul
RT: 15.607 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025200.D
Acq: 28 Apr 2023 20:58

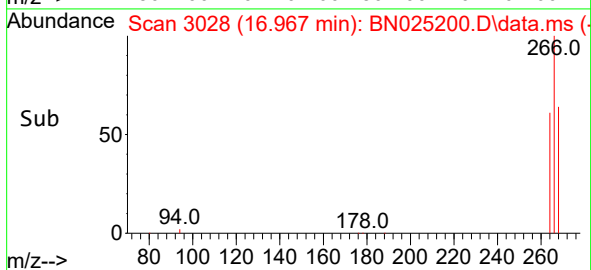
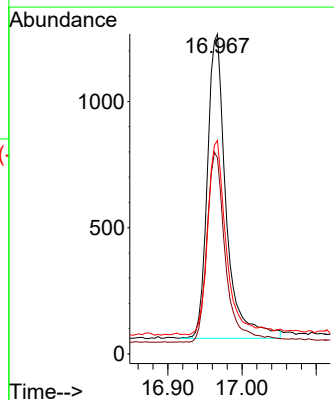
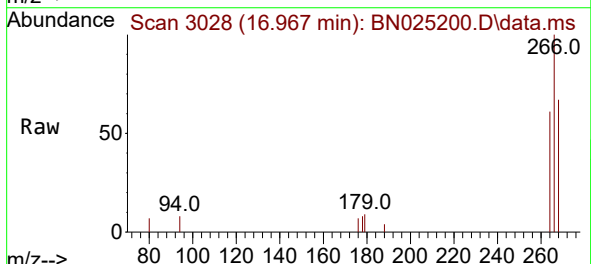
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

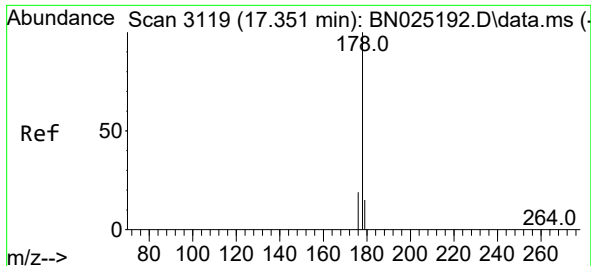
Tgt Ion:166 Resp: 23563
Ion Ratio Lower Upper
166 100
165 99.6 78.1 117.1
167 13.7 11.0 16.6



#14
Pentachlorophenol
Concen: 0.333 ng/ul
RT: 16.967 min Scan# 3028
Delta R.T. 0.001 min
Lab File: BN025200.D
Acq: 28 Apr 2023 20:58

Tgt Ion:266 Resp: 2113
Ion Ratio Lower Upper
266 100
264 62.1 49.6 74.4
268 63.1 51.3 76.9

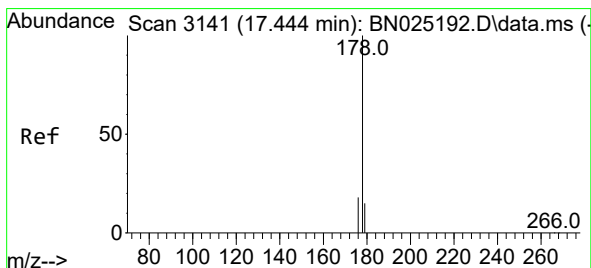
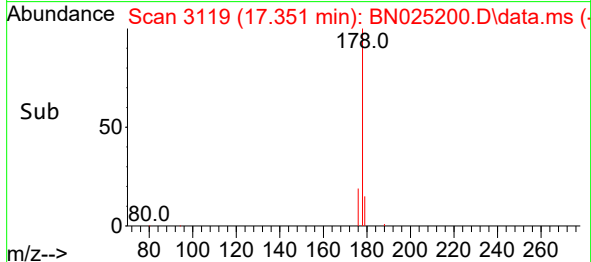
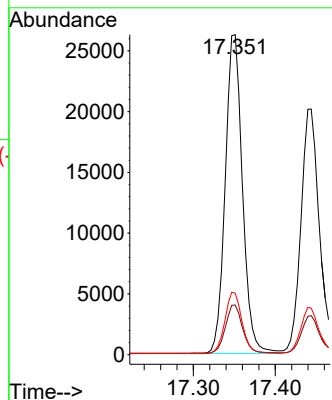
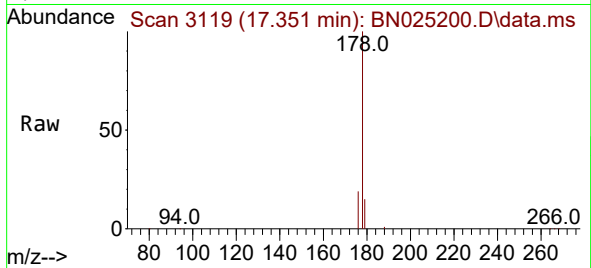




#15
Phenanthrene
Concen: 0.421 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025200.D
Acq: 28 Apr 2023 20:58

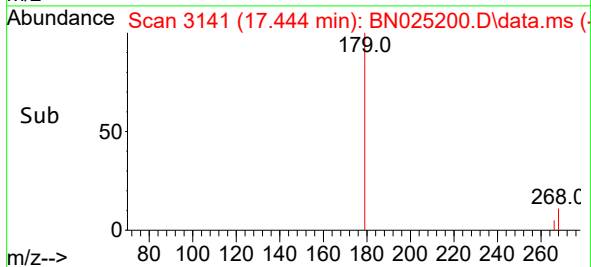
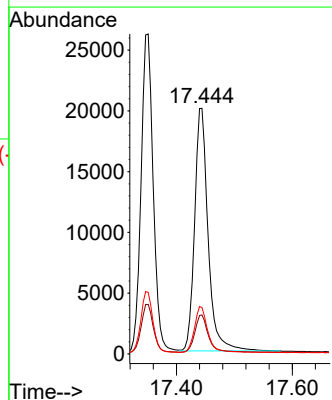
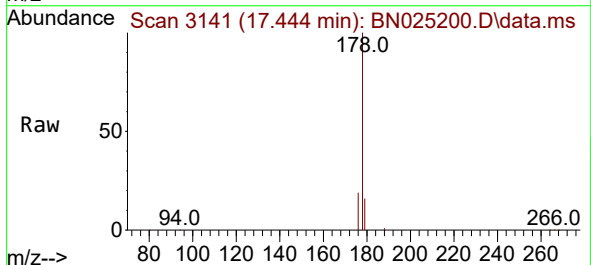
Instrument :
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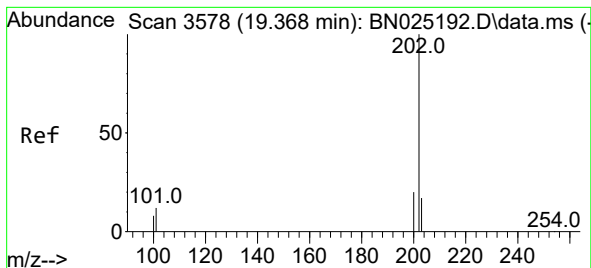
Tgt Ion:178 Resp: 38343
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.2 15.6 23.4



#16
Anthracene
Concen: 0.434 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025200.D
Acq: 28 Apr 2023 20:58

Tgt Ion:178 Resp: 32331
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.0 15.3 22.9





#19

Fluoranthene

Concen: 0.529 ng/ul

RT: 19.368 min Scan# 3578

Delta R.T. -0.003 min

Lab File: BN025200.D

Acq: 28 Apr 2023 20:58

Instrument :

BNA_N

ClientSampleId :

SSTD0.4285

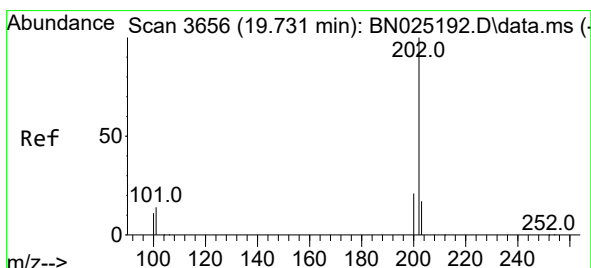
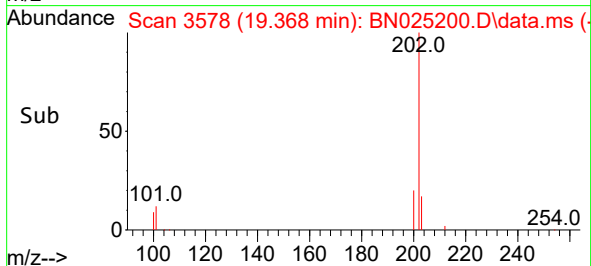
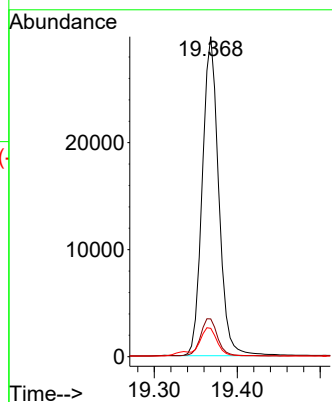
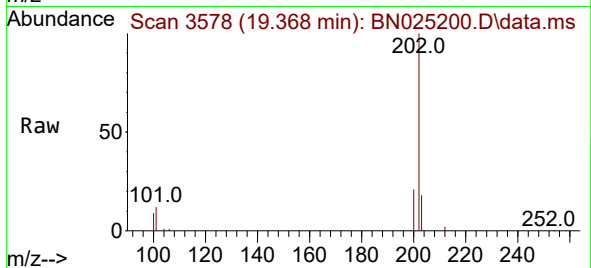
Tgt Ion:202 Resp: 41015

Ion Ratio Lower Upper

202 100

101 11.8 9.7 14.5

100 8.8 7.3 10.9



#20

Pyrene

Concen: 0.515 ng/ul

RT: 19.731 min Scan# 3656

Delta R.T. -0.003 min

Lab File: BN025200.D

Acq: 28 Apr 2023 20:58

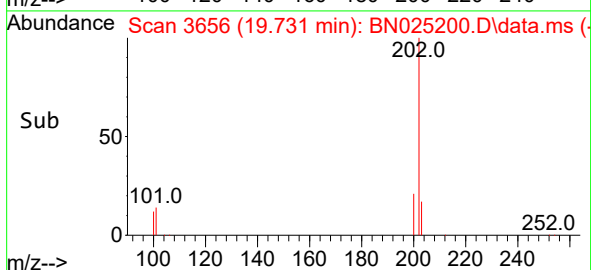
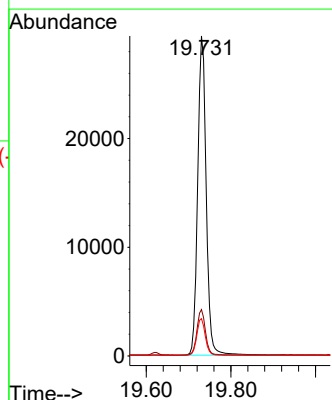
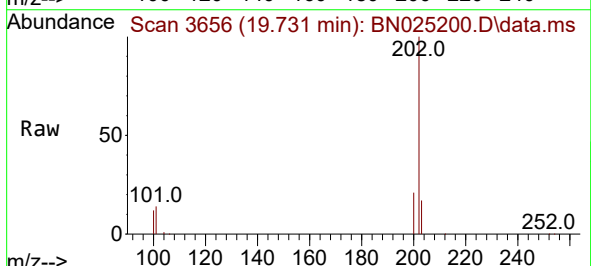
Tgt Ion:202 Resp: 41002

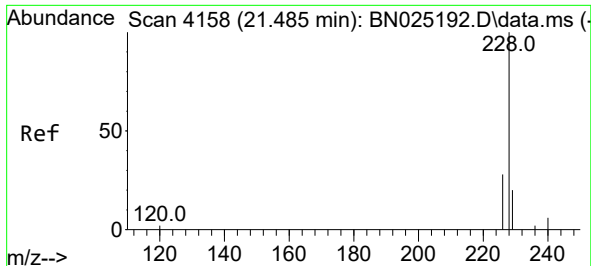
Ion Ratio Lower Upper

202 100

101 14.5 11.3 16.9

100 11.7 9.2 13.8

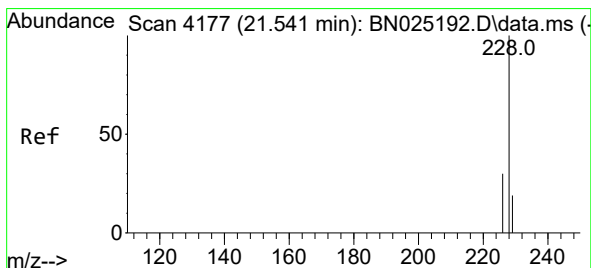
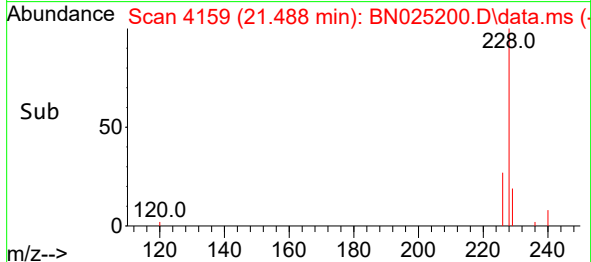
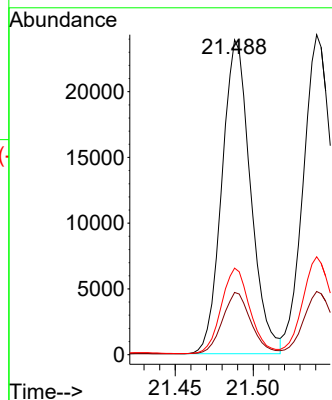
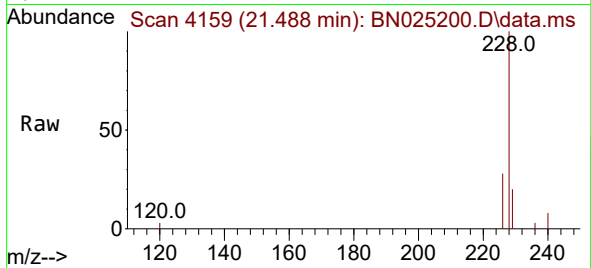




#21
Benzo(a)anthracene
Concen: 0.473 ng/ul
RT: 21.488 min Scan# 4158
Delta R.T. -0.002 min
Lab File: BN025200.D
Acq: 28 Apr 2023 20:58

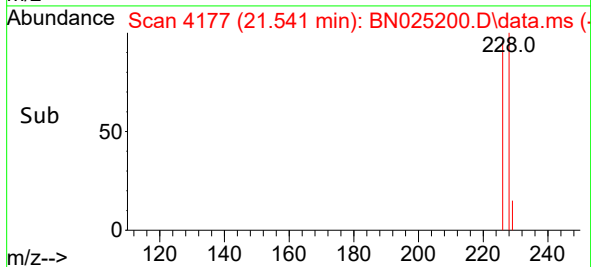
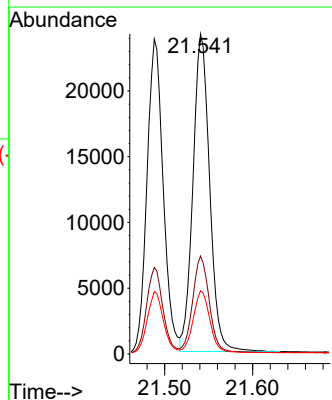
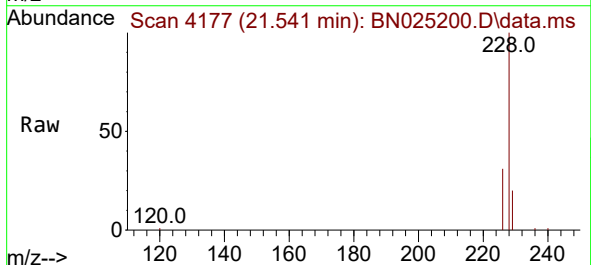
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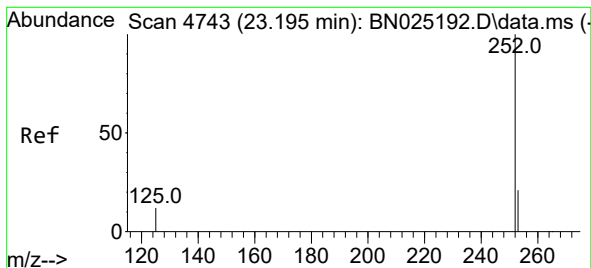
Tgt Ion:228 Resp: 30582
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.452 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BN025200.D
Acq: 28 Apr 2023 20:58

Tgt Ion:228 Resp: 31870
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 19.7 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.400 ng/ul

RT: 23.195 min Scan# 4743

Delta R.T. -0.005 min

Lab File: BN025200.D

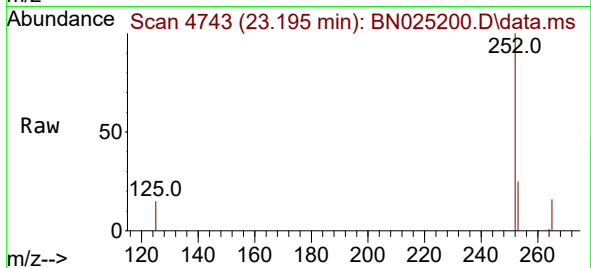
Acq: 28 Apr 2023 20:58

Instrument :

BNA_N

ClientSampleId :

SSTD0.4285



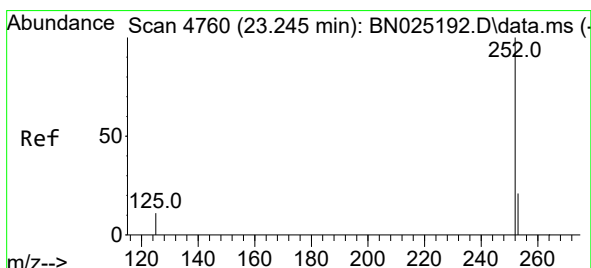
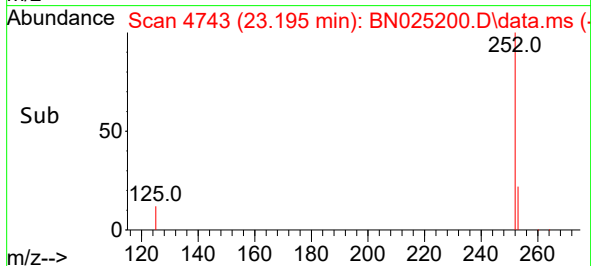
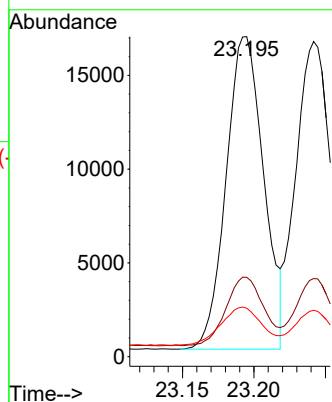
Tgt Ion:252 Resp: 30465

Ion Ratio Lower Upper

252 100

253 24.8 0.0 50.2

125 15.2 0.0 30.4



#25

Benzo(k)fluoranthene

Concen: 0.398 ng/ul

RT: 23.242 min Scan# 4759

Delta R.T. -0.005 min

Lab File: BN025200.D

Acq: 28 Apr 2023 20:58

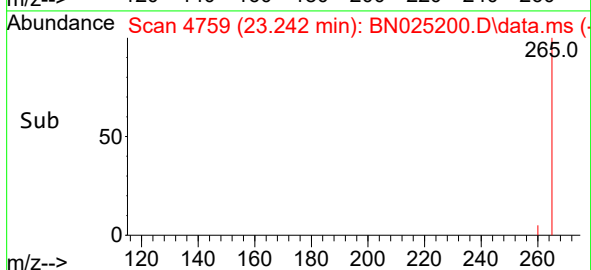
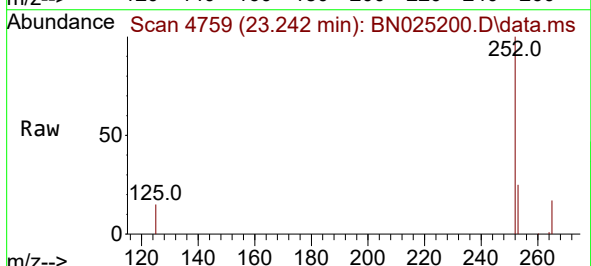
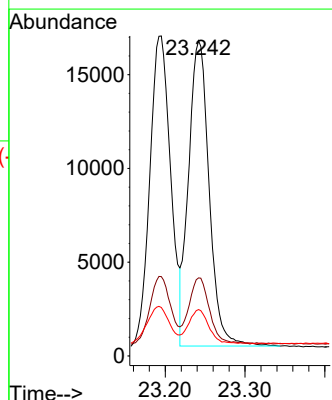
Tgt Ion:252 Resp: 29135

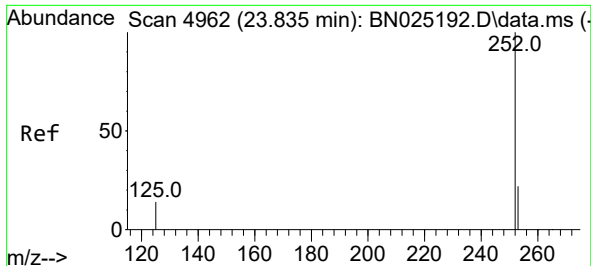
Ion Ratio Lower Upper

252 100

253 24.8 20.2 30.4

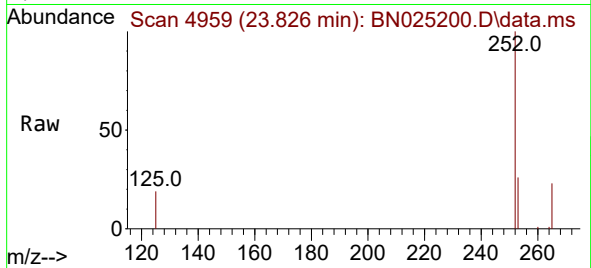
125 14.7 11.8 17.8



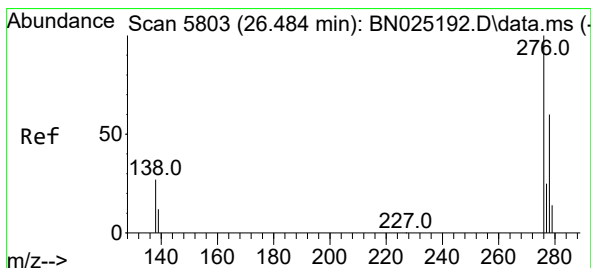
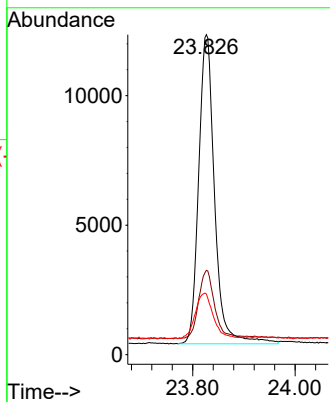
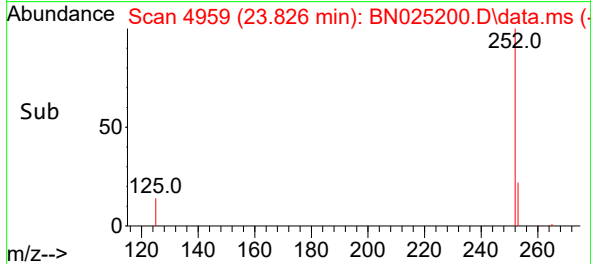


#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.826 min Scan# 4962
Delta R.T. -0.016 min
Lab File: BN025200.D
Acq: 28 Apr 2023 20:58

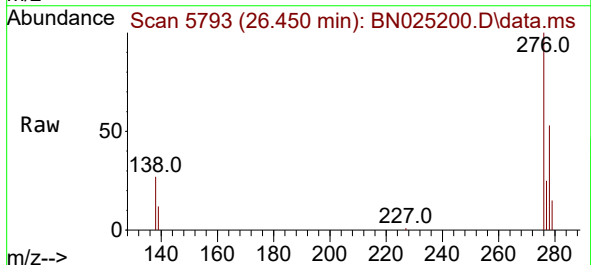
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285



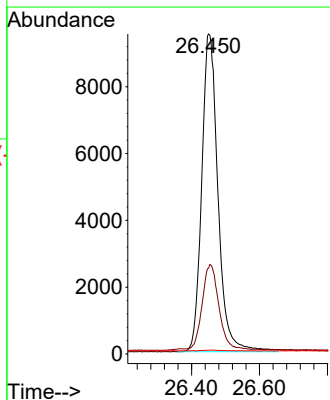
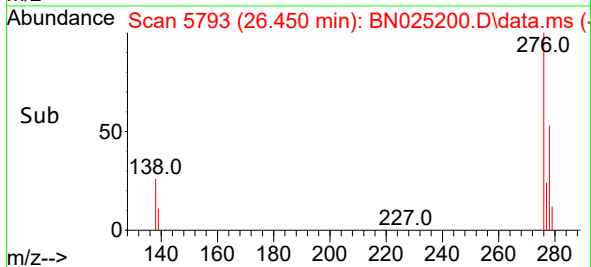
Tgt Ion:252 Resp: 25805
Ion Ratio Lower Upper
252 100
253 26.3 21.4 32.2
125 18.9 14.6 22.0

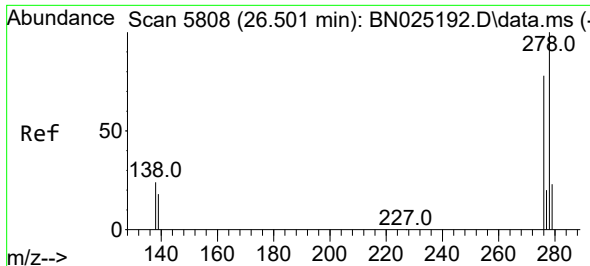


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng/ul
RT: 26.450 min Scan# 5793
Delta R.T. -0.032 min
Lab File: BN025200.D
Acq: 28 Apr 2023 20:58



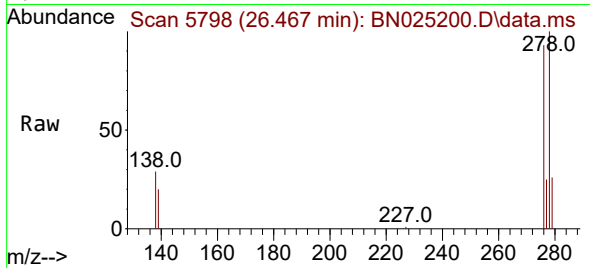
Tgt Ion:276 Resp: 31688
Ion Ratio Lower Upper
276 100
138 27.9 21.9 32.9
227 0.2 0.1 0.1#



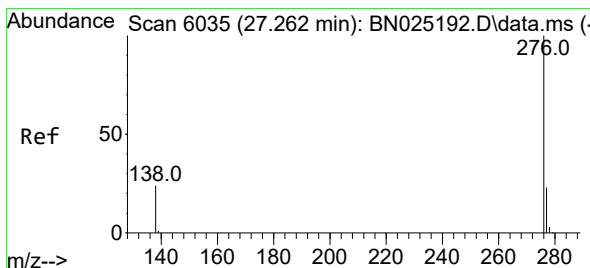
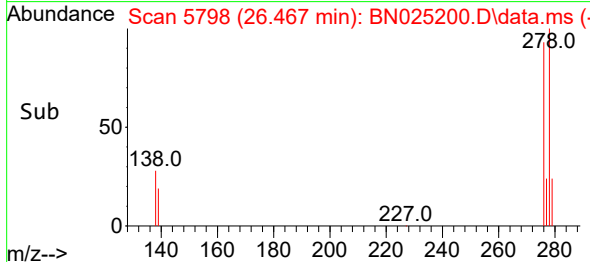
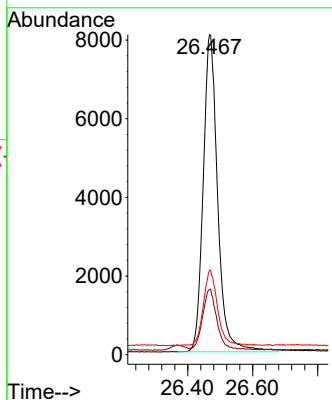


#28
 Dibenzo(a,h)anthracene
 Concen: 0.442 ng/ul
 RT: 26.467 min Scan# 51
 Delta R.T. -0.039 min
 Lab File: BN025200.D
 Acq: 28 Apr 2023 20:58

Instrument :
 BNA_N
 ClientSampleId :
 SST00.4285



Tgt Ion:278 Resp: 25011
 Ion Ratio Lower Upper
 278 100
 139 20.4 17.0 25.6
 279 26.4 21.8 32.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.432 ng/ul
 RT: 27.225 min Scan# 6024
 Delta R.T. -0.036 min
 Lab File: BN025200.D
 Acq: 28 Apr 2023 20:58

Tgt Ion:276 Resp: 26643
 Ion Ratio Lower Upper
 276 100
 138 25.7 20.3 30.5
 277 24.2 19.8 29.6

