

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042923\
 Data File : BN025192.D
 Acq On : 28 Apr 2023 15:37
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4284

Quant Time: May 01 02:08:42 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 : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

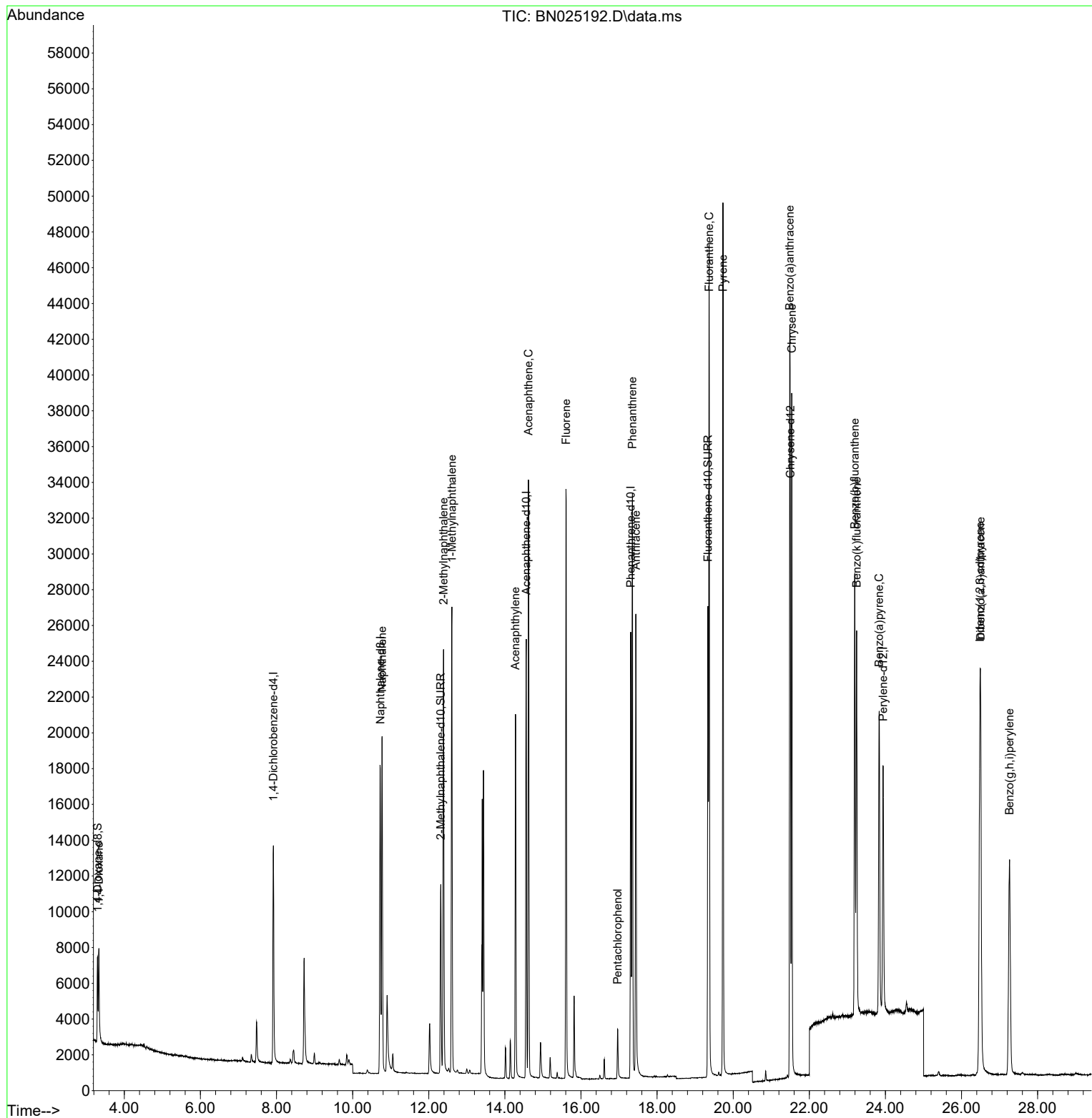
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	6961	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	23472	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	13519	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	28738	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	21676	0.400	ng/ul	0.00
23) Perylene-d12	23.938	264	19001	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	3045	0.422	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	14199	0.471	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	29007	0.507	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	3208	0.413	ng/ul#	92
5) Naphthalene	10.776	128	26841	0.446	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	17145	0.465	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	18152	0.462	ng/ul	100
10) Acenaphthylene	14.279	152	24377	0.484	ng/ul	99
11) Acenaphthene	14.621	153	19491	0.459	ng/ul	99
12) Fluorene	15.607	166	21672	0.457	ng/ul	98
14) Pentachlorophenol	16.963	266	2118	0.375	ng/ul	99
15) Phenanthrene	17.351	178	35437	0.437	ng/ul	100
16) Anthracene	17.444	178	30643	0.462	ng/ul	99
19) Fluoranthene	19.368	202	39381	0.502	ng/ul	100
20) Pyrene	19.731	202	39997	0.497	ng/ul	99
21) Benzo(a)anthracene	21.485	228	32611	0.499	ng/ul	99
22) Chrysene	21.541	228	33298	0.467	ng/ul	99
24) Benzo(b)fluoranthene	23.195	252	30783	0.399	ng/ul	99
25) Benzo(k)fluoranthene	23.245	252	30022	0.405	ng/ul	98
26) Benzo(a)pyrene	23.835	252	26148	0.410	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.484	276	31493	0.429	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.501	278	24926	0.434	ng/ul	97
29) Benzo(g,h,i)perylene	27.262	276	26387	0.422	ng/ul	99

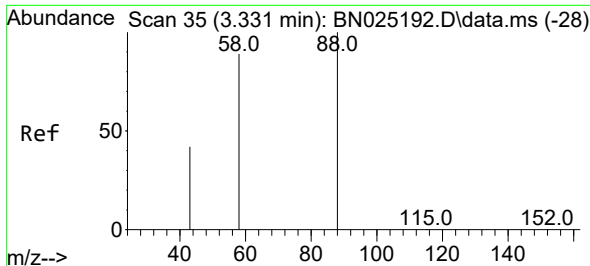
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
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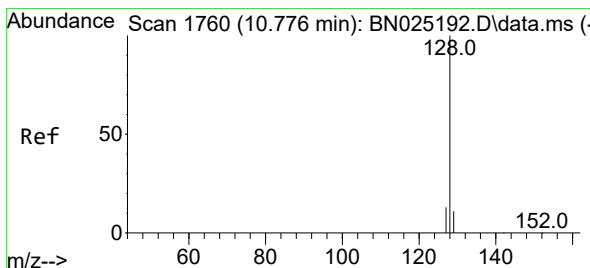
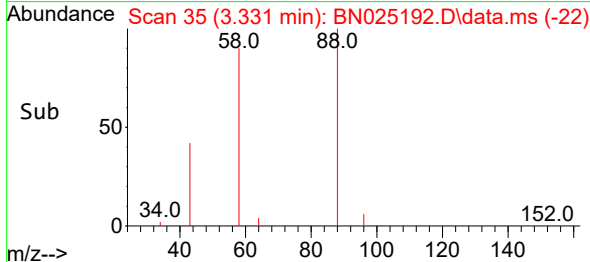
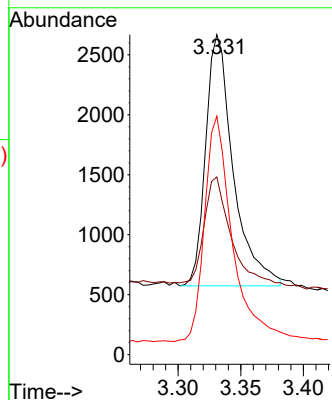
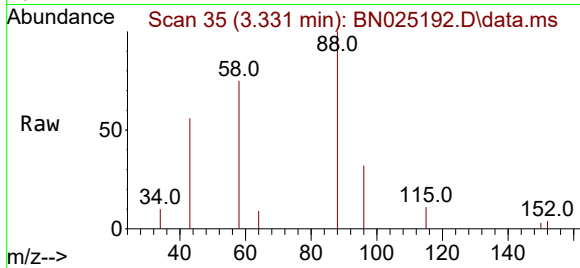




#2
 1,4-Dioxane
 Concen: 0.413 ng/ul
 RT: 3.331 min Scan# 35
 Delta R.T. 0.005 min
 Lab File: BN025192.D
 Acq: 28 Apr 2023 15:37

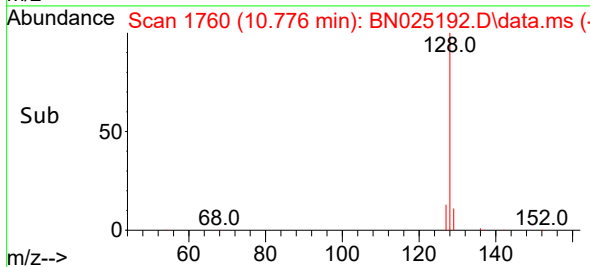
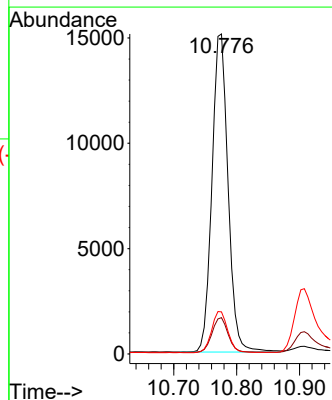
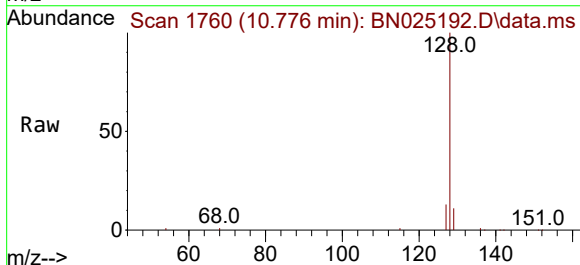
Instrument :
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 SSTD0.4284

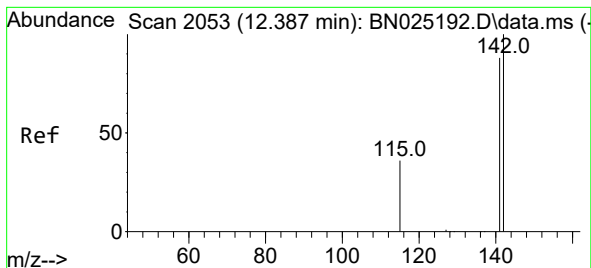
Tgt Ion: 88 Resp: 3208
 Ion Ratio Lower Upper
 88 100
 43 55.5 37.0 55.4#
 58 74.6 56.9 85.3



#5
 Naphthalene
 Concen: 0.446 ng/ul
 RT: 10.776 min Scan# 1760
 Delta R.T. 0.002 min
 Lab File: BN025192.D
 Acq: 28 Apr 2023 15:37

Tgt Ion: 128 Resp: 26841
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.6
 127 13.1 10.7 16.1

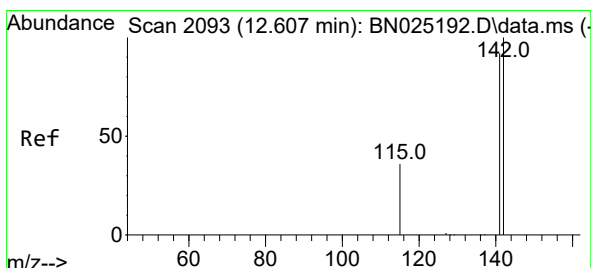
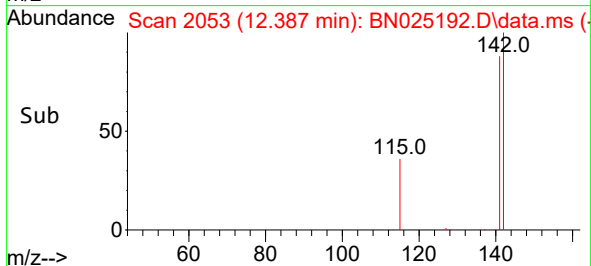
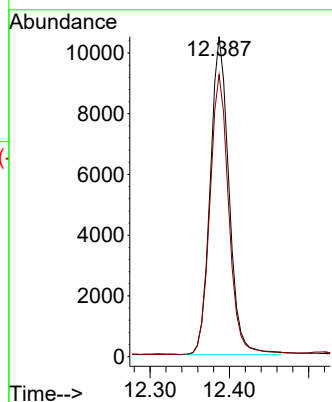
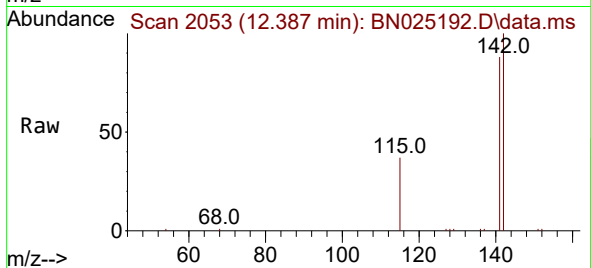




#7
2-Methylnaphthalene
Concen: 0.465 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

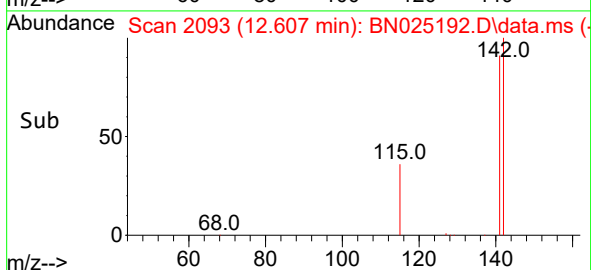
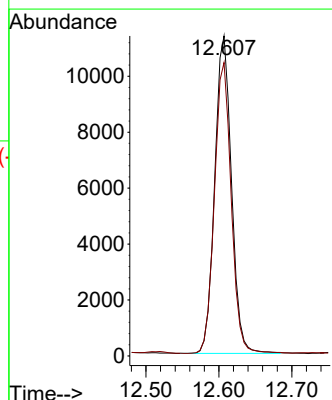
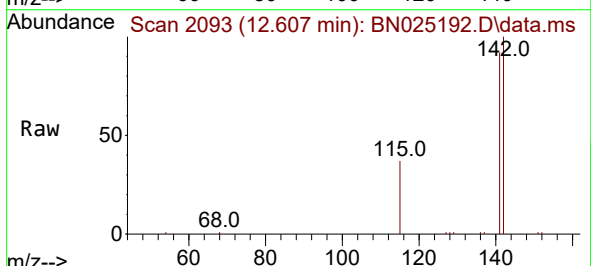
Instrument :
BNA_N
ClientSampleId :
SSTD0.4284

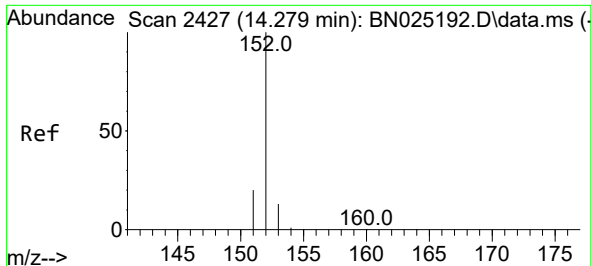
Tgt Ion:142 Resp: 17145
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.462 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

Tgt Ion:142 Resp: 18152
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.6

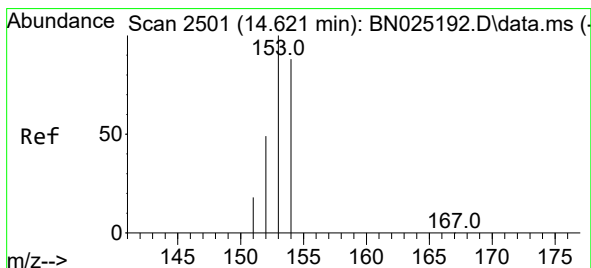
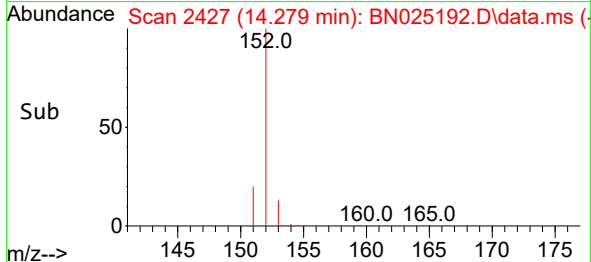
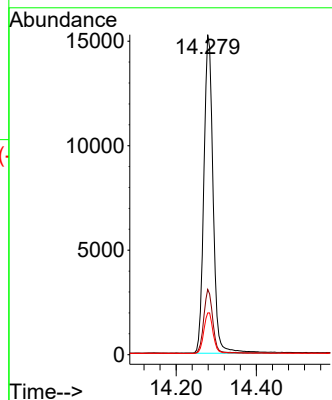
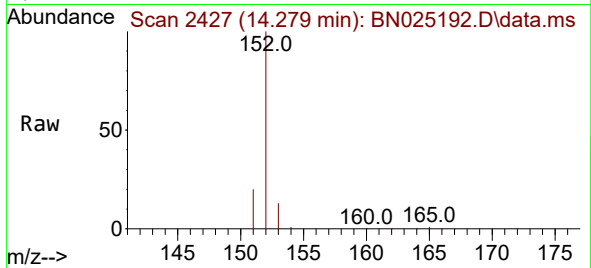




#10
Acenaphthylene
Concen: 0.484 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

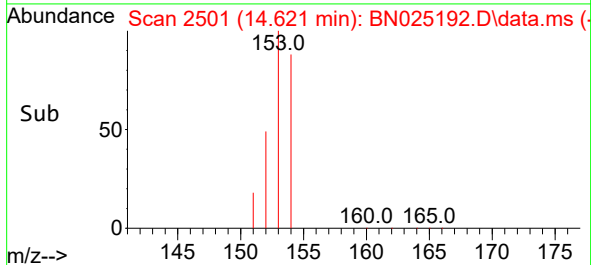
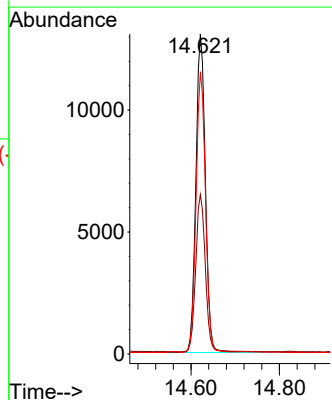
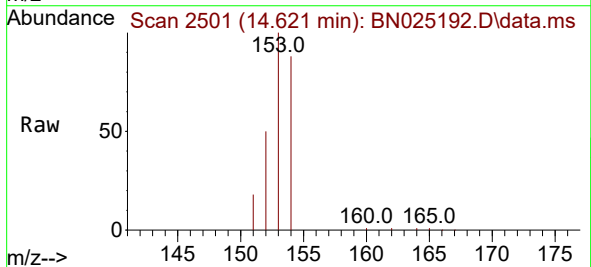
Instrument :
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ClientSampleId :
SSTD0.4284

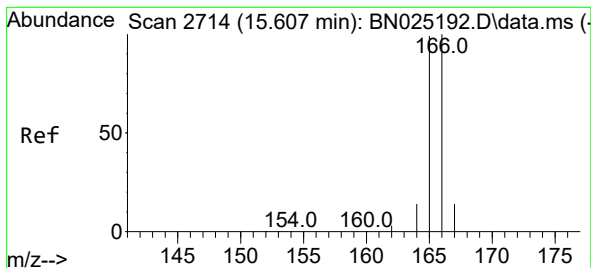
Tgt Ion:152 Resp: 24377
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.1 10.8 16.2



#11
Acenaphthene
Concen: 0.459 ng/ul
RT: 14.621 min Scan# 2501
Delta R.T. 0.001 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

Tgt Ion:153 Resp: 19491
Ion Ratio Lower Upper
153 100
152 49.8 40.2 60.4
154 88.2 69.4 104.2





#12

Fluorene

Concen: 0.457 ng/ul

RT: 15.607 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN025192.D

Acq: 28 Apr 2023 15:37

Instrument :

BNA_N

ClientSampleId :

SSTD0.4284

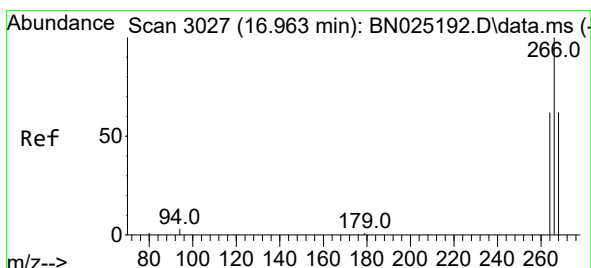
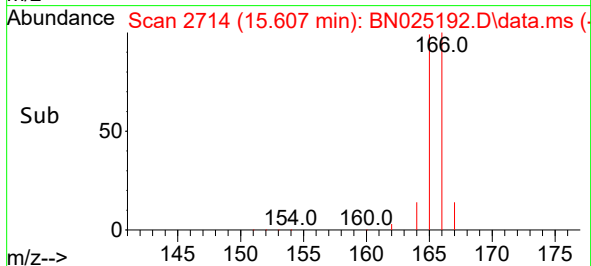
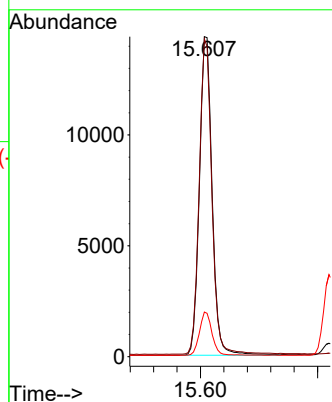
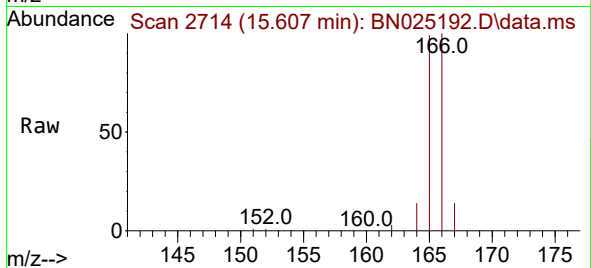
Tgt Ion:166 Resp: 21672

Ion Ratio Lower Upper

166 100

165 99.3 78.1 117.1

167 13.9 11.0 16.6



#14

Pentachlorophenol

Concen: 0.375 ng/ul

RT: 16.963 min Scan# 3027

Delta R.T. -0.003 min

Lab File: BN025192.D

Acq: 28 Apr 2023 15:37

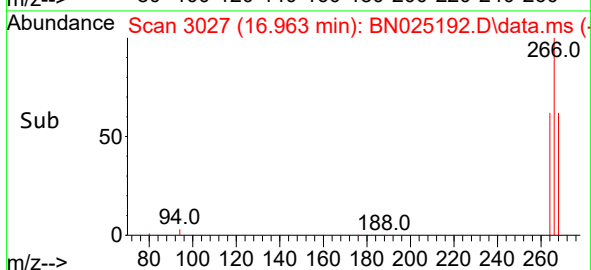
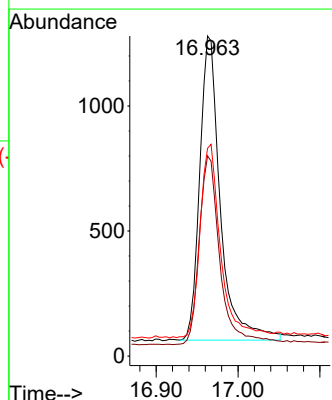
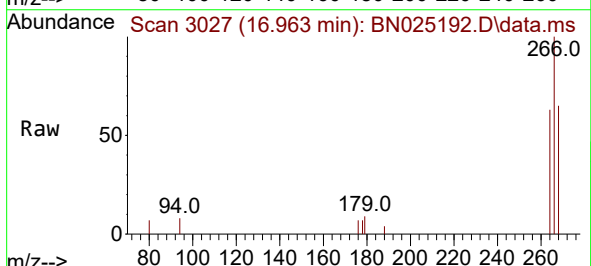
Tgt Ion:266 Resp: 2118

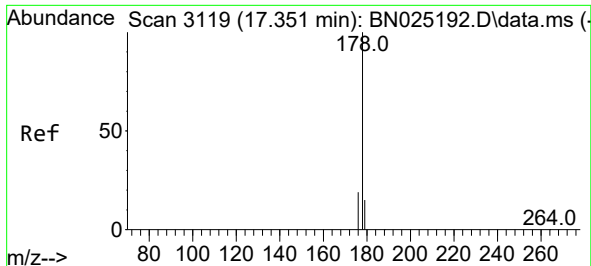
Ion Ratio Lower Upper

266 100

264 62.7 49.6 74.4

268 64.2 51.3 76.9

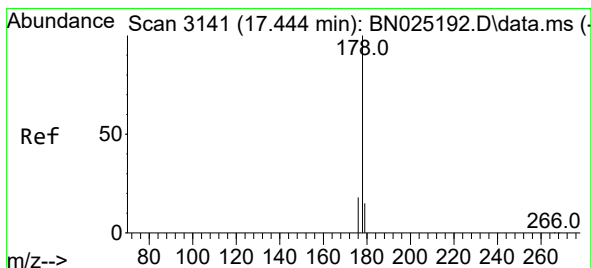
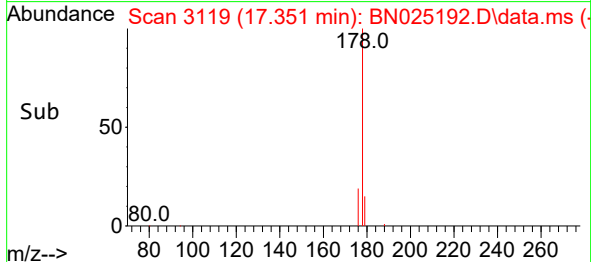
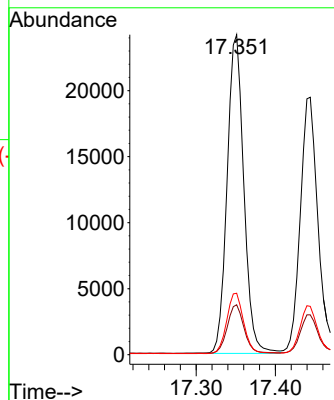
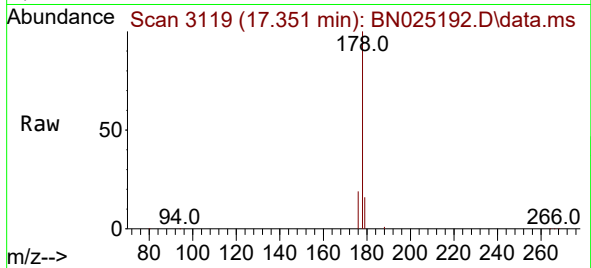




#15
Phenanthrene
Concen: 0.437 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

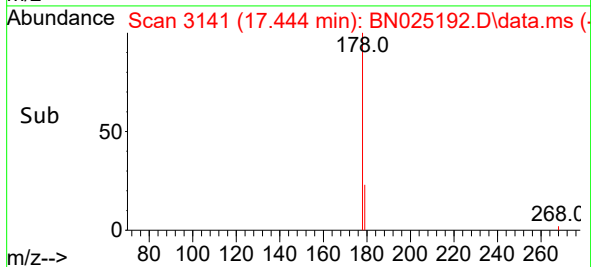
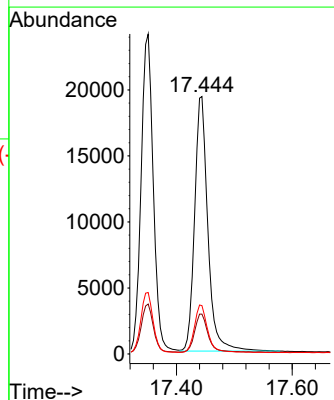
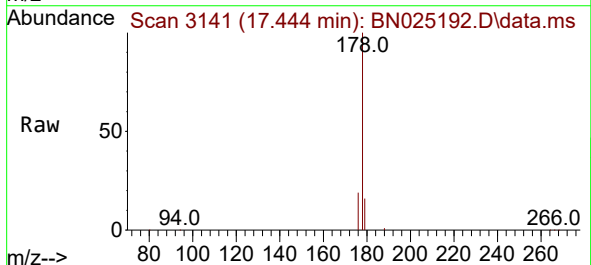
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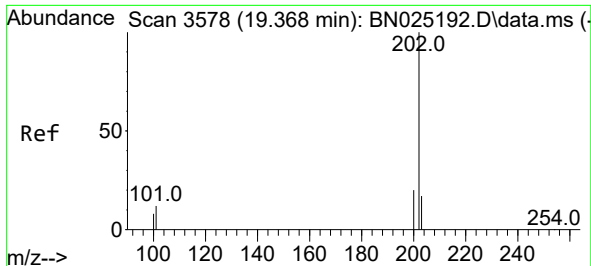
Tgt Ion:178 Resp: 35437
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.2 15.6 23.4



#16
Anthracene
Concen: 0.462 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

Tgt Ion:178 Resp: 30643
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.8 15.3 22.9

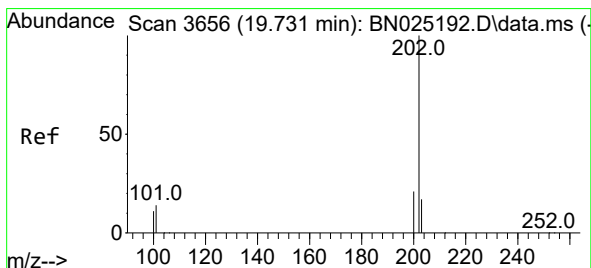
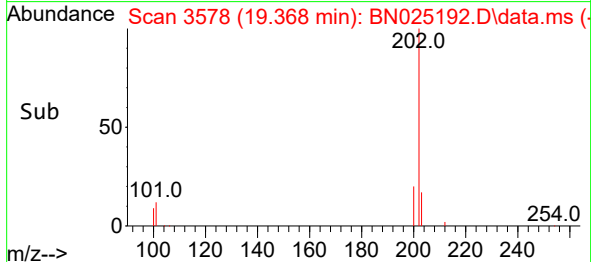
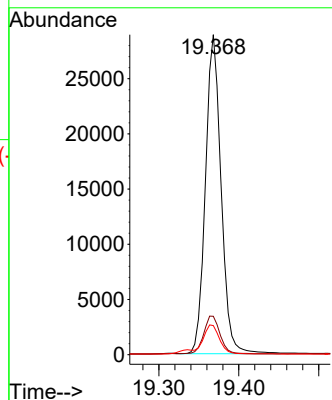
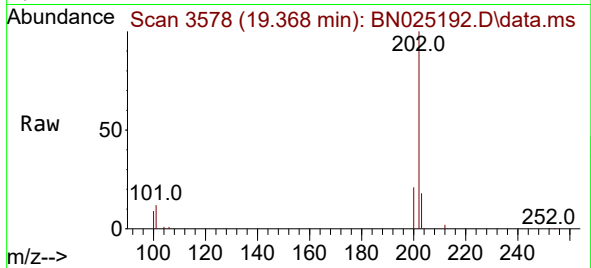




#19
Fluoranthene
Concen: 0.502 ng/u1
RT: 19.368 min Scan# 3578
Delta R.T. -0.003 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

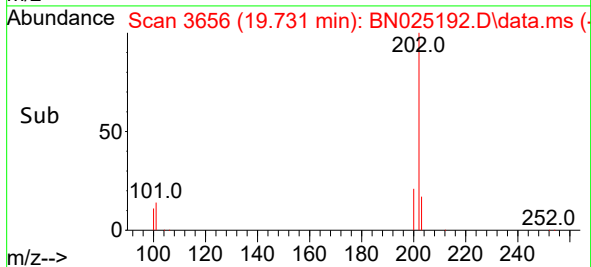
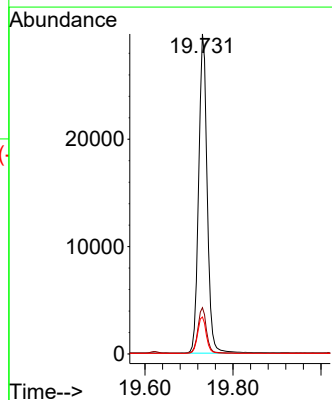
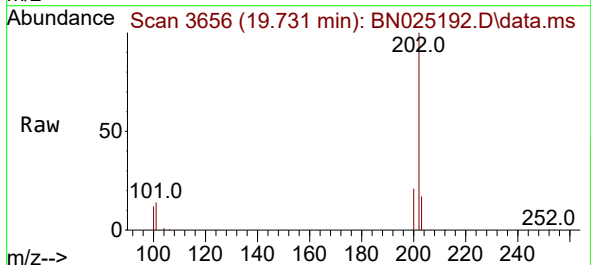
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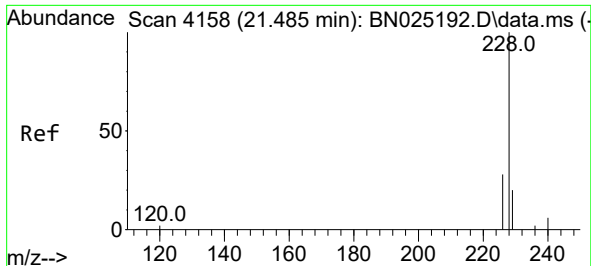
Tgt Ion:202 Resp: 39381
Ion Ratio Lower Upper
202 100
101 12.0 9.7 14.5
100 9.1 7.3 10.9



#20
Pyrene
Concen: 0.497 ng/u1
RT: 19.731 min Scan# 3656
Delta R.T. -0.003 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

Tgt Ion:202 Resp: 39997
Ion Ratio Lower Upper
202 100
101 14.5 11.3 16.9
100 11.5 9.2 13.8

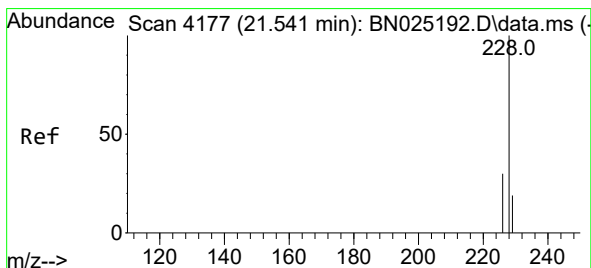
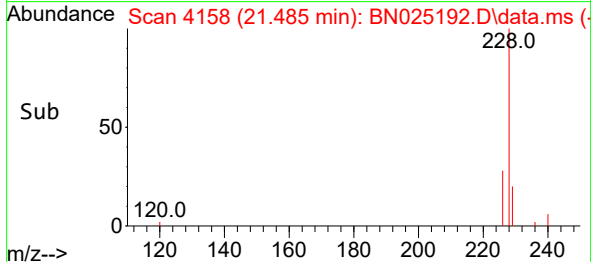
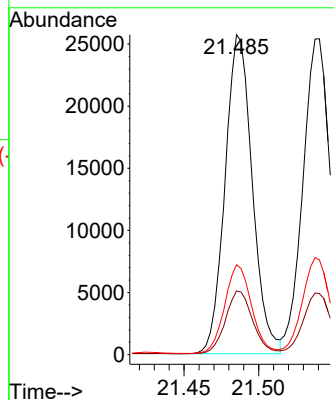
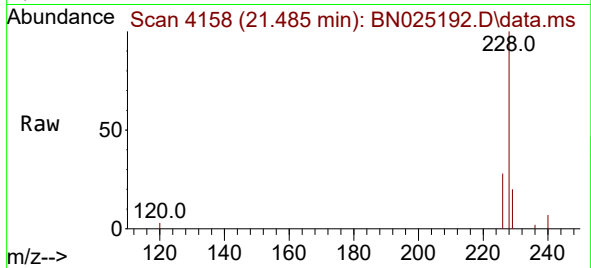




#21
Benzo(a)anthracene
Concen: 0.499 ng/ul
RT: 21.485 min Scan# 4158
Delta R.T. -0.005 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

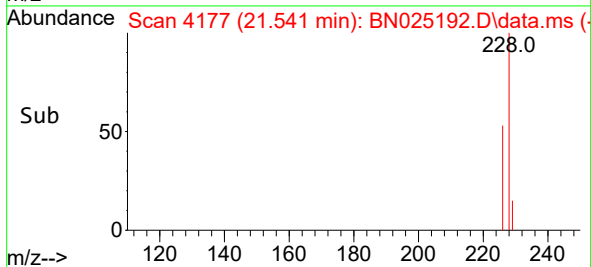
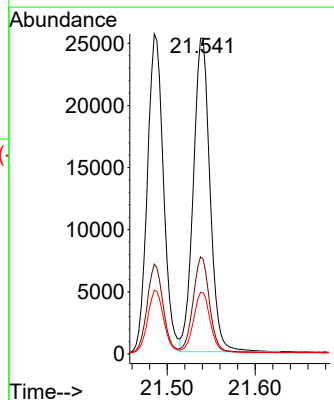
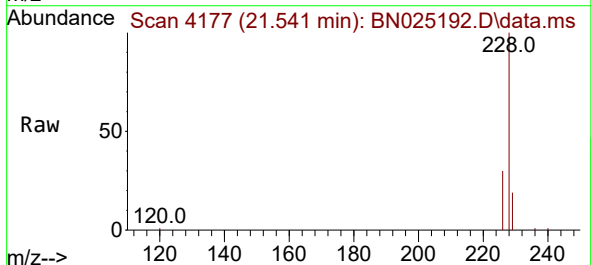
Instrument :
BNA_N
ClientSampleId :
SSTD0.4284

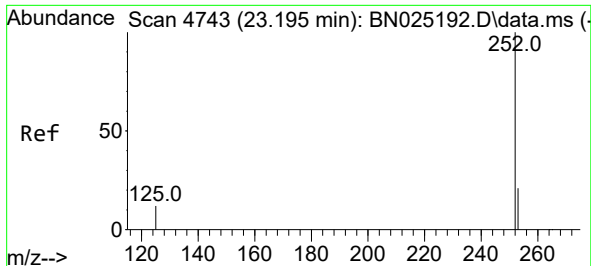
Tgt Ion:228 Resp: 32611
Ion Ratio Lower Upper
228 100
229 19.9 15.6 23.4
226 28.1 22.1 33.1



#22
Chrysene
Concen: 0.467 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

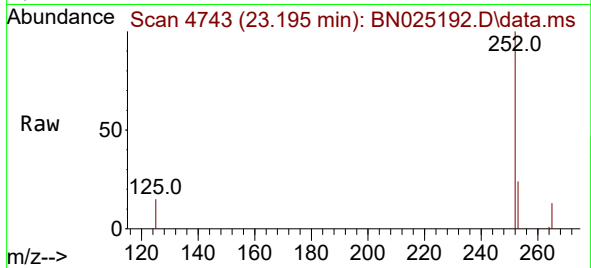
Tgt Ion:228 Resp: 33298
Ion Ratio Lower Upper
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226 30.1 24.5 36.7
229 19.3 15.8 23.6



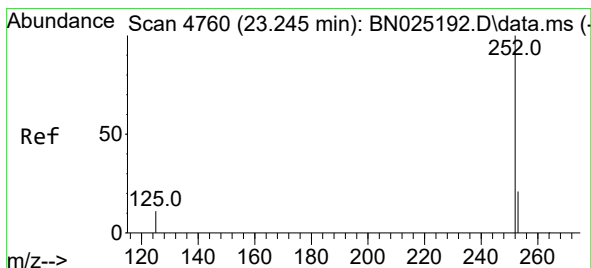
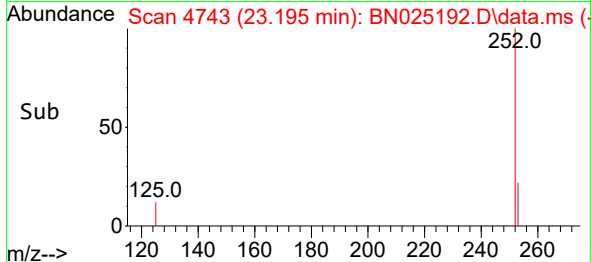
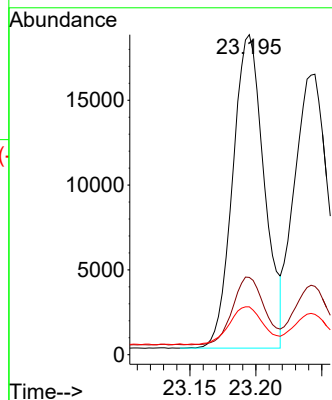


#24
Benzo(b)fluoranthene
Concen: 0.399 ng/ul
RT: 23.195 min Scan# 4743
Delta R.T. -0.005 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.4284

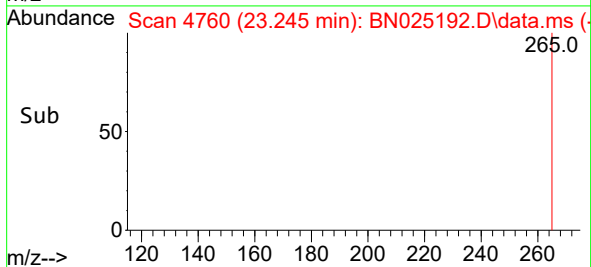
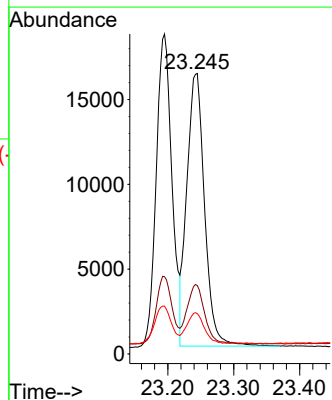
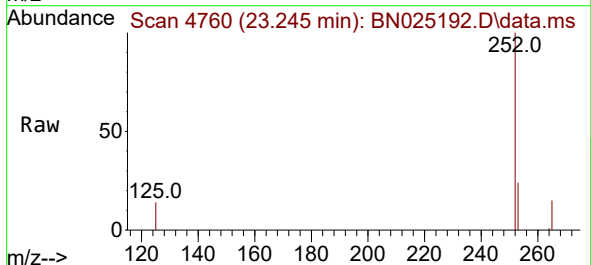


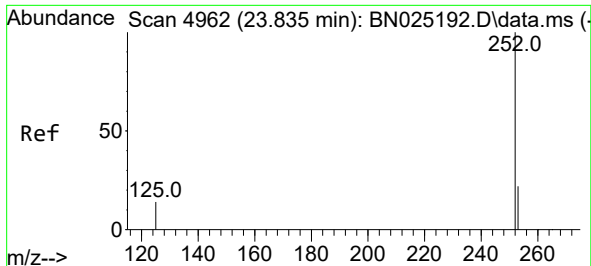
Tgt Ion:252 Resp: 30783
Ion Ratio Lower Upper
252 100
253 24.2 0.0 50.2
125 15.0 0.0 30.4



#25
Benzo(k)fluoranthene
Concen: 0.405 ng/ul
RT: 23.245 min Scan# 4760
Delta R.T. -0.002 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

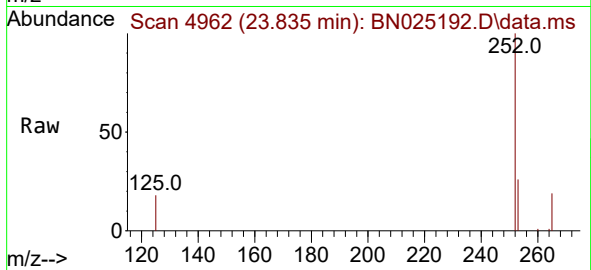
Tgt Ion:252 Resp: 30022
Ion Ratio Lower Upper
252 100
253 24.4 20.2 30.4
125 14.3 11.8 17.8



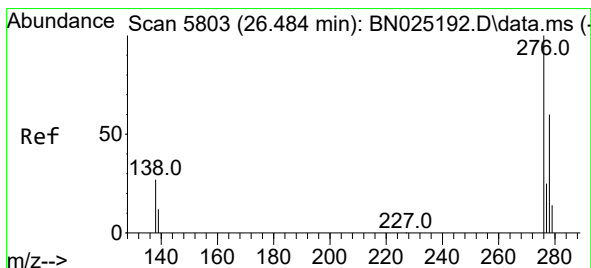
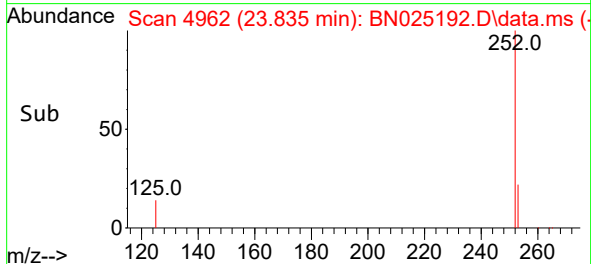
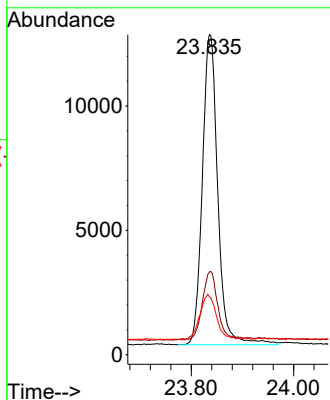


#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.835 min Scan# 4962
Delta R.T. -0.008 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.4284

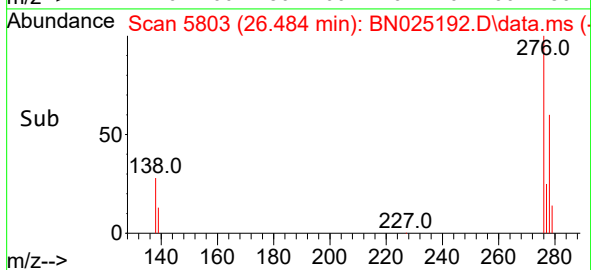
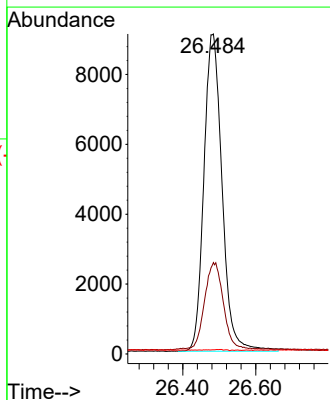
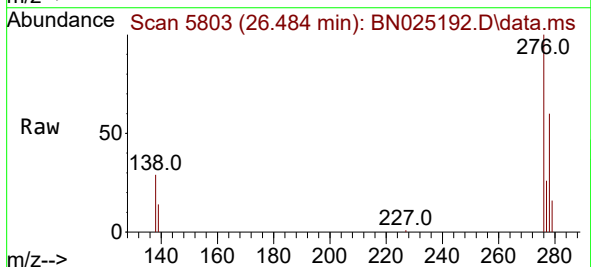


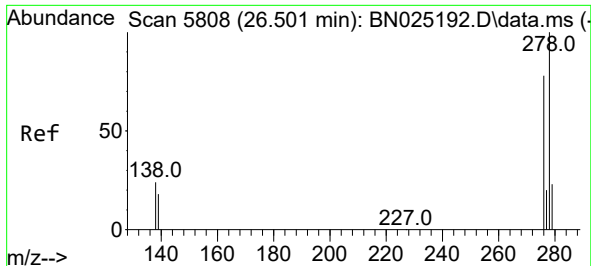
Tgt Ion:252 Resp: 26148
Ion Ratio Lower Upper
252 100
253 25.8 21.4 32.2
125 18.0 14.6 22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.429 ng/ul
RT: 26.484 min Scan# 5803
Delta R.T. 0.001 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

Tgt Ion:276 Resp: 31493
Ion Ratio Lower Upper
276 100
138 27.8 21.9 32.9
227 0.0 0.1 0.1#

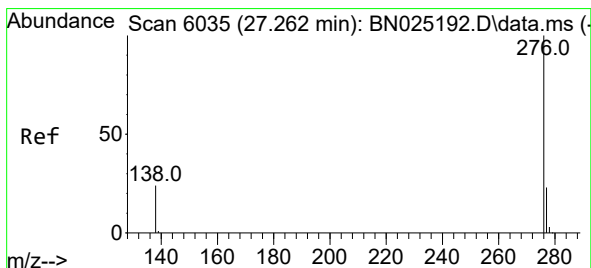
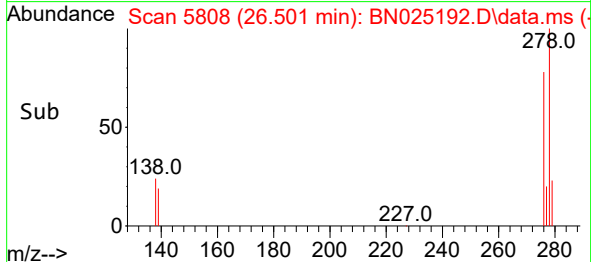
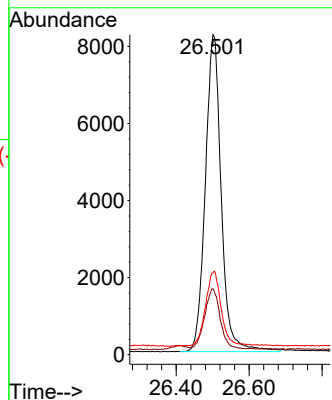
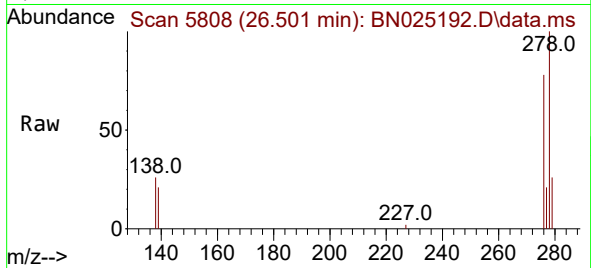




#28
Dibenzo(a,h)anthracene
Concen: 0.434 ng/ul
RT: 26.501 min Scan# 5808
Delta R.T. -0.005 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

Instrument :
BNA_N
ClientSampleId :
SSTD0.4284

Tgt Ion:278 Resp: 24926
Ion Ratio Lower Upper
278 100
139 20.6 17.0 25.6
279 25.5 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 27.262 min Scan# 6035
Delta R.T. 0.001 min
Lab File: BN025192.D
Acq: 28 Apr 2023 15:37

Tgt Ion:276 Resp: 26387
Ion Ratio Lower Upper
276 100
138 25.6 20.3 30.5
277 24.3 19.8 29.6

