

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
 Data File : BN025794.D
 Acq On : 12 Jun 2023 23:13
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4301

Quant Time: Jun 13 00:04:26 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

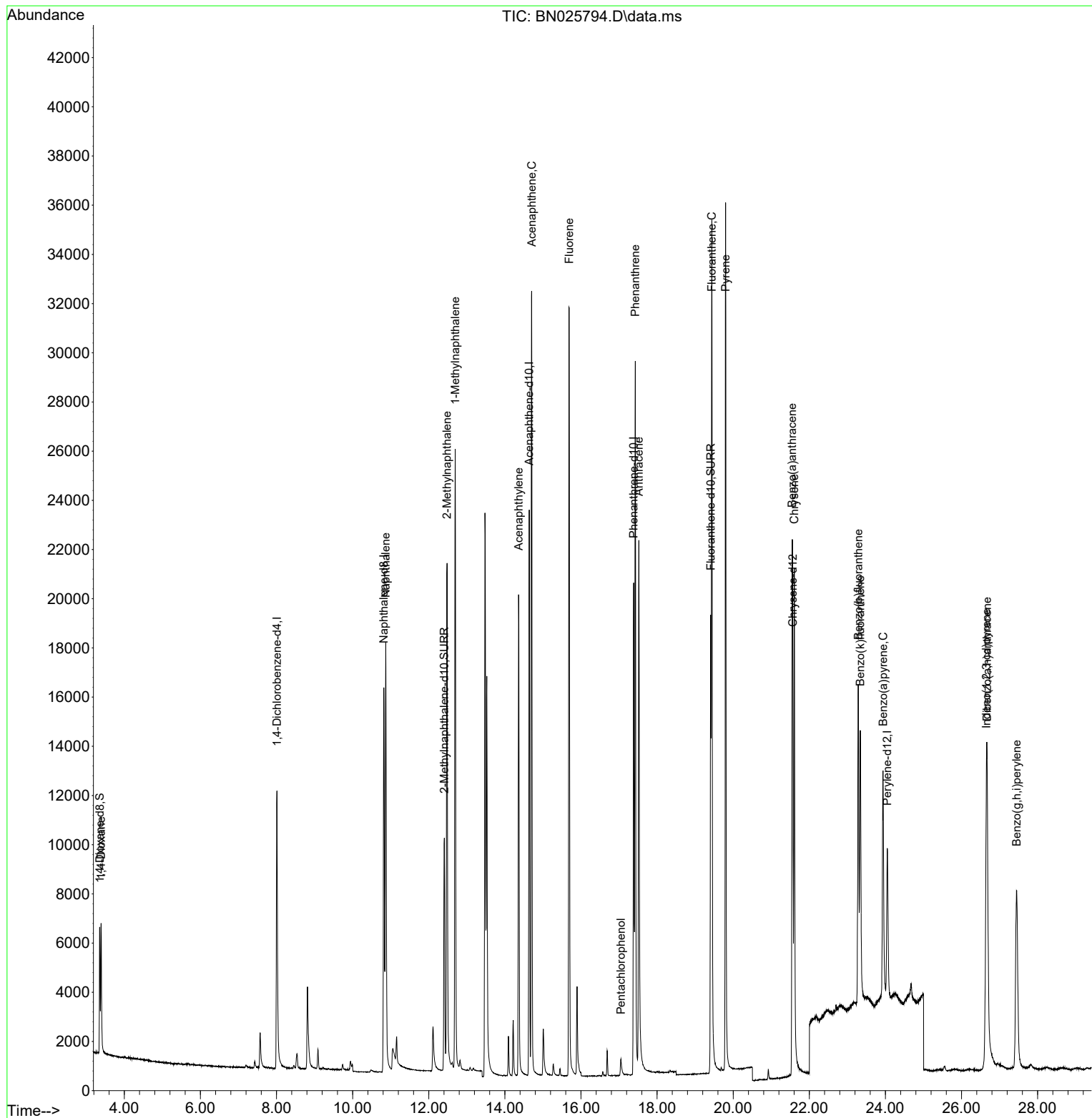
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	7598	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	22979	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	12678	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	24578	0.400	ng/ul	0.00
17) Chrysene-d12	21.567	240	12267	0.400	ng/ul	0.00
23) Perylene-d12	24.052	264	10446	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	3431	0.459	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	13793	0.473	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	22301	0.576	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	3738	0.468	ng/ul	99
5) Naphthalene	10.869	128	26896	0.460	ng/ul	100
7) 2-Methylnaphthalene	12.481	142	16557	0.471	ng/ul	99
8) 1-Methylnaphthalene	12.695	142	17898	0.463	ng/ul	100
10) Acenaphthylene	14.362	152	24204	0.483	ng/ul	100
11) Acenaphthene	14.704	153	19787	0.473	ng/ul	99
12) Fluorene	15.690	166	21899	0.470	ng/ul	99
14) Pentachlorophenol	17.047	266	756	0.286	ng/ul	94
15) Phenanthrene	17.427	178	33136	0.462	ng/ul	100
16) Anthracene	17.520	178	28337	0.468	ng/ul	100
19) Fluoranthene	19.438	202	32131	0.573	ng/ul	100
20) Pyrene	19.800	202	32477	0.559	ng/ul	100
21) Benzo(a)anthracene	21.549	228	19307	0.494	ng/ul	99
22) Chrysene	21.605	228	21819	0.488	ng/ul	100
24) Benzo(b)fluoranthene	23.286	252	19445	0.455	ng/ul	96
25) Benzo(k)fluoranthene	23.338	252	18826	0.439	ng/ul	98
26) Benzo(a)pyrene	23.938	252	16657	0.460	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.651	276	21941	0.531	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.672	278	16564	0.530	ng/ul	99
29) Benzo(g,h,i)perylene	27.450	276	19090	0.515	ng/ul	99

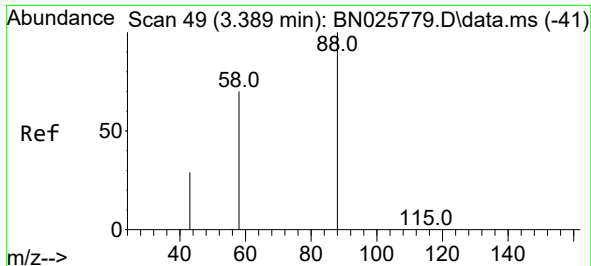
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
Data File : BN025794.D
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Misc :
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Instrument :
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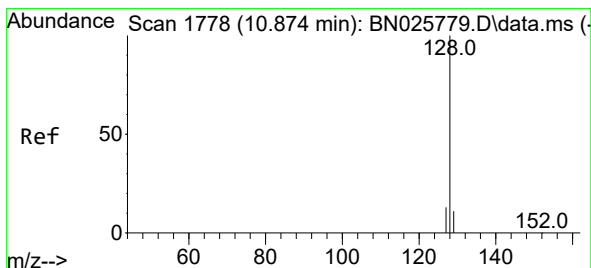
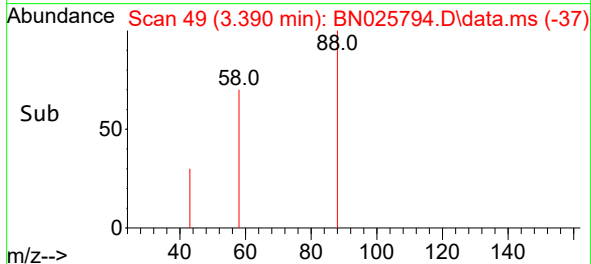
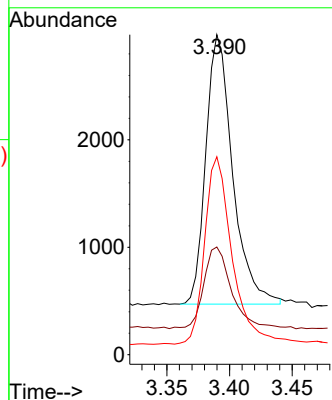
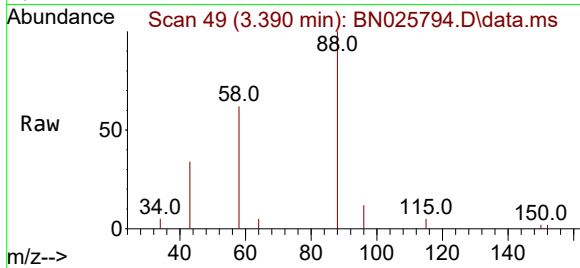




#2
1,4-Dioxane
Concen: 0.468 ng/ul
RT: 3.390 min Scan# 49
Delta R.T. -0.000 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

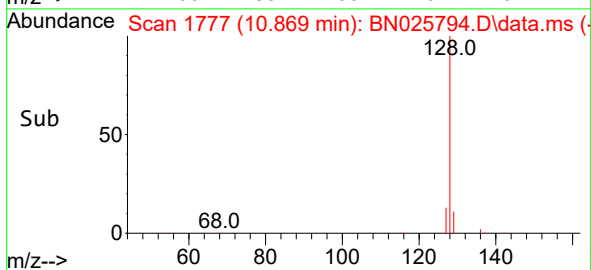
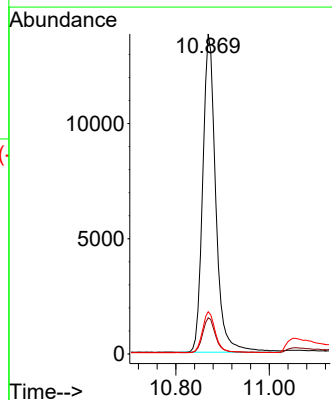
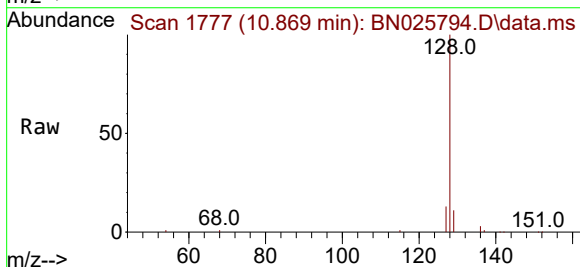
Instrument :
BNA_N
ClientSampleId :
SSTD0.4301

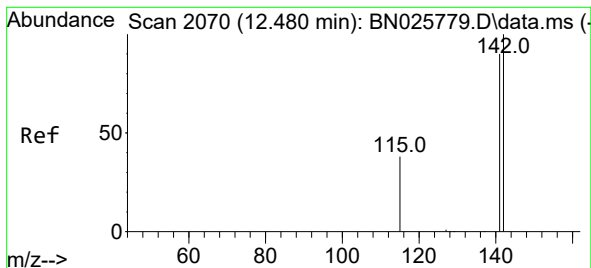
Tgt Ion: 88 Resp: 3738
Ion Ratio Lower Upper
88 100
43 33.6 26.5 39.7
58 61.8 49.0 73.6



#5
Naphthalene
Concen: 0.460 ng/ul
RT: 10.869 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

Tgt Ion:128 Resp: 26896
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.2 10.5 15.7

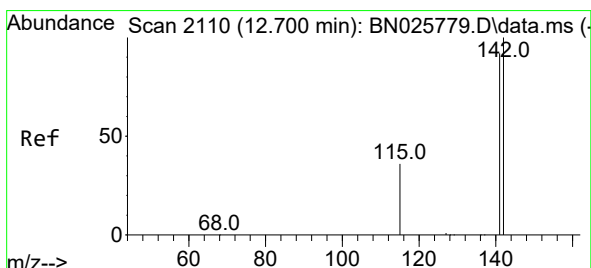
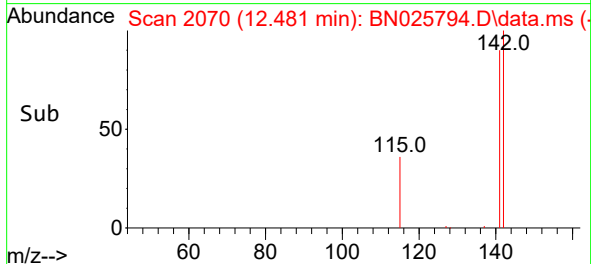
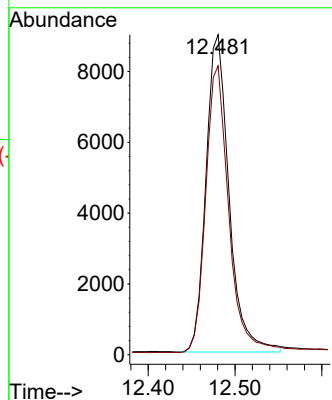
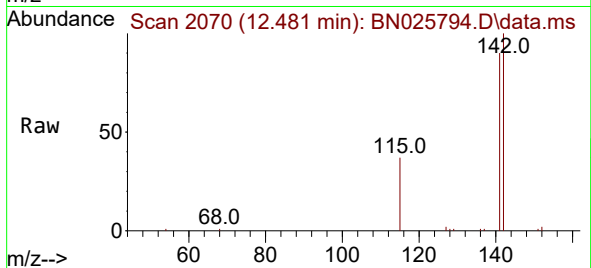




#7
2-Methylnaphthalene
Concen: 0.471 ng/ul
RT: 12.481 min Scan# 2070
Delta R.T. 0.001 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

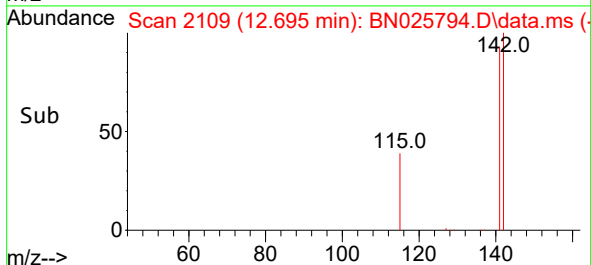
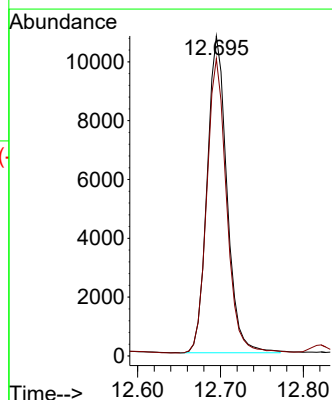
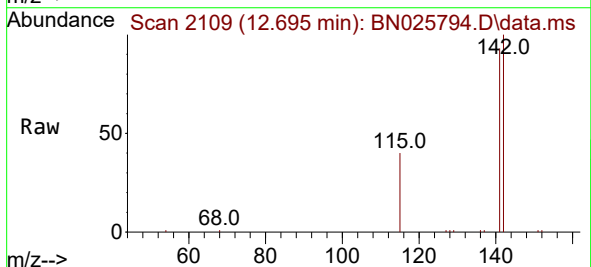
Instrument :
BNA_N
ClientSampleId :
SSTD0.4301

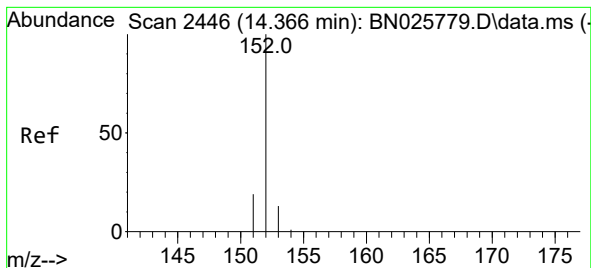
Tgt Ion:142 Resp: 16557
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.463 ng/ul
RT: 12.695 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

Tgt Ion:142 Resp: 17898
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0





#10

Acenaphthylene

Concen: 0.483 ng/ul

RT: 14.362 min Scan# 2446

Delta R.T. -0.004 min

Lab File: BN025794.D

Acq: 12 Jun 2023 23:13

Instrument :

BNA_N

ClientSampleId :

SSTD0.4301

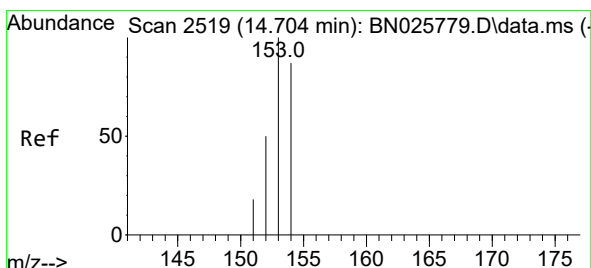
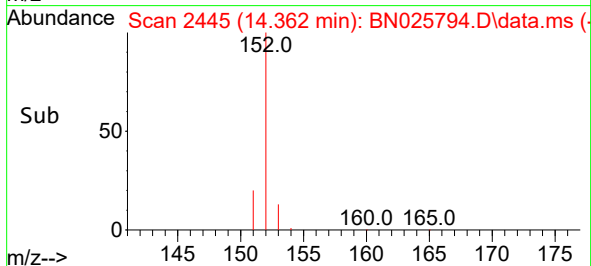
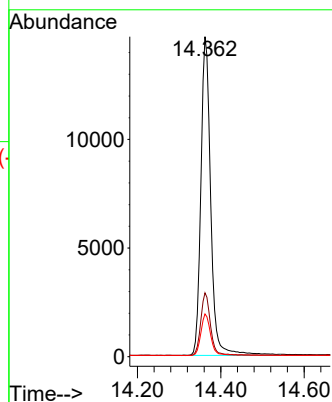
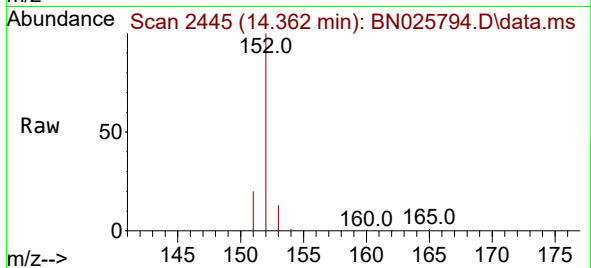
Tgt Ion:152 Resp: 24204

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 13.3 10.7 16.1



#11

Acenaphthene

Concen: 0.473 ng/ul

RT: 14.704 min Scan# 2519

Delta R.T. 0.000 min

Lab File: BN025794.D

Acq: 12 Jun 2023 23:13

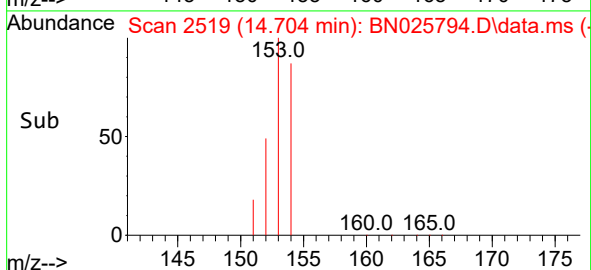
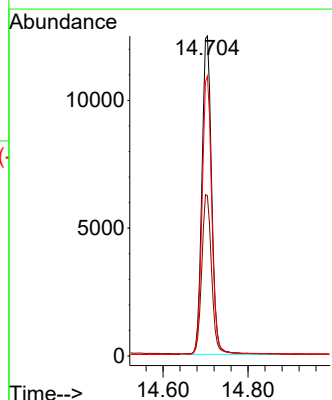
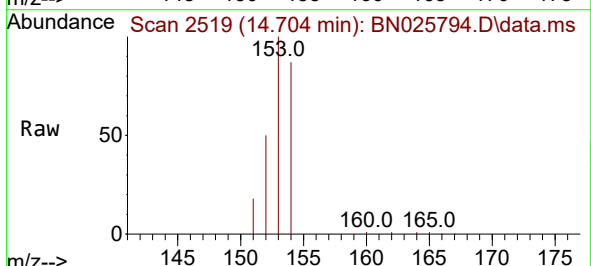
Tgt Ion:153 Resp: 19787

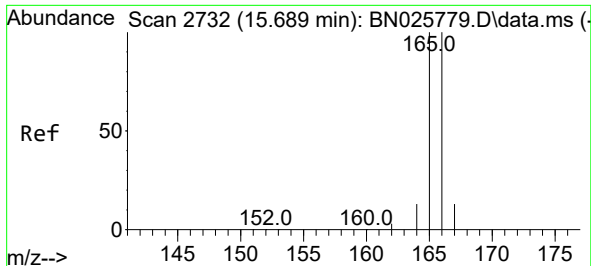
Ion Ratio Lower Upper

153 100

152 50.1 39.5 59.3

154 87.4 68.8 103.2

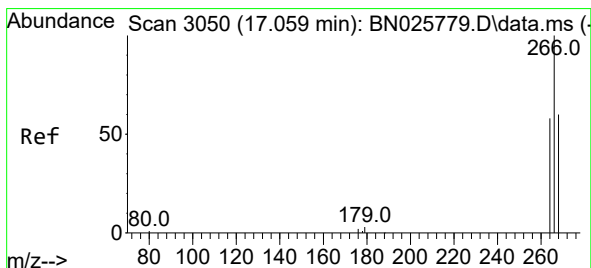
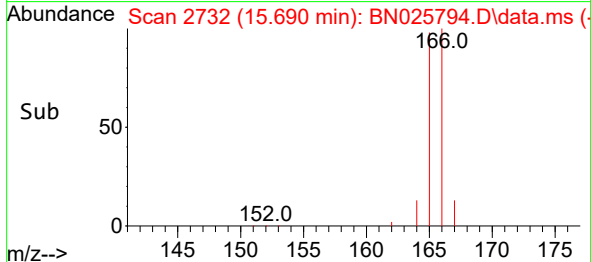
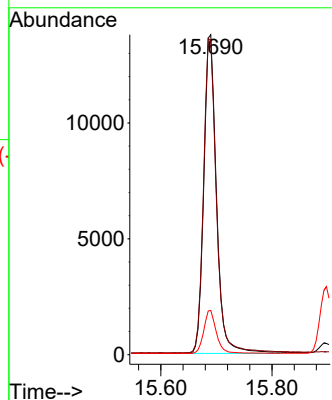
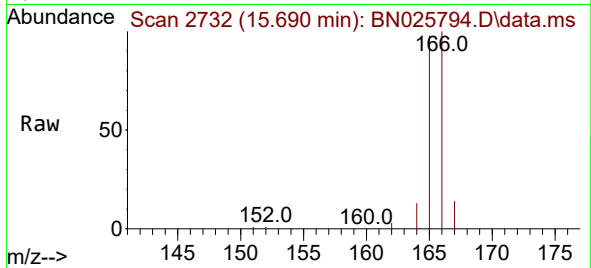




#12
Fluorene
Concen: 0.470 ng/ul
RT: 15.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

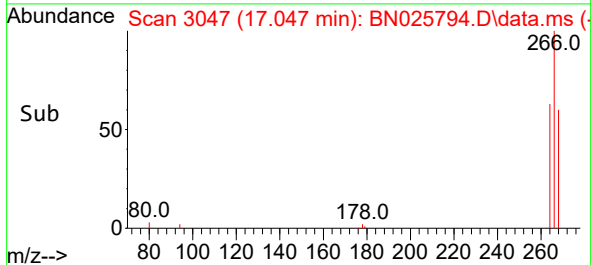
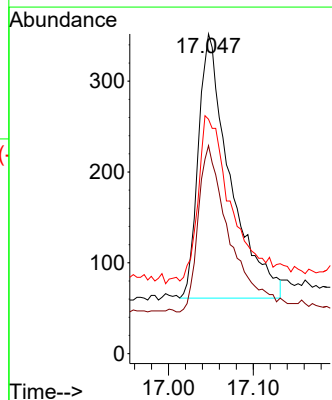
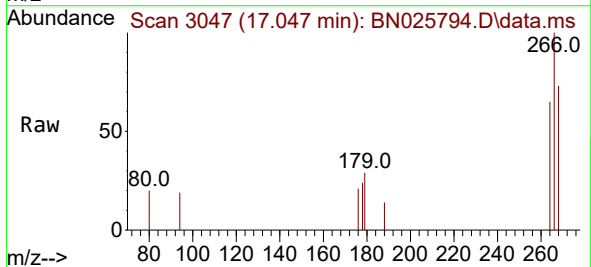
Instrument :
BNA_N
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SSTD0.4301

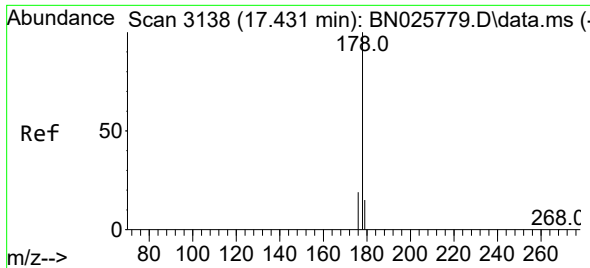
Tgt Ion:166 Resp: 21899
Ion Ratio Lower Upper
166 100
165 98.1 79.2 118.8
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.286 ng/ul
RT: 17.047 min Scan# 3047
Delta R.T. -0.008 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

Tgt Ion:266 Resp: 756
Ion Ratio Lower Upper
266 100
264 63.4 48.2 72.4
268 66.3 48.2 72.4

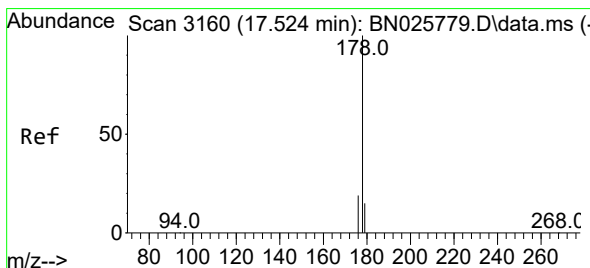
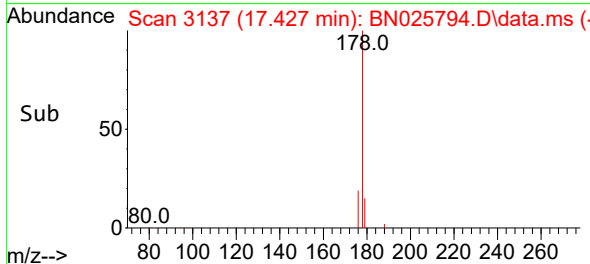
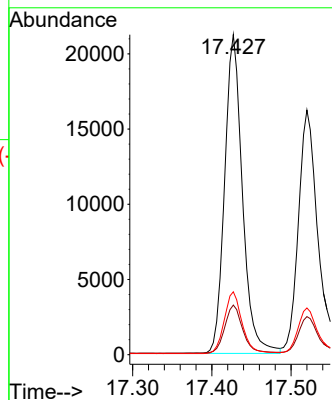
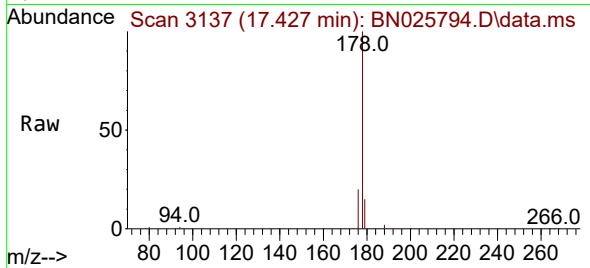




#15
Phenanthrene
Concen: 0.462 ng/ul
RT: 17.427 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

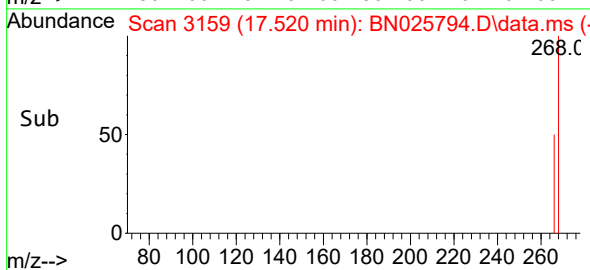
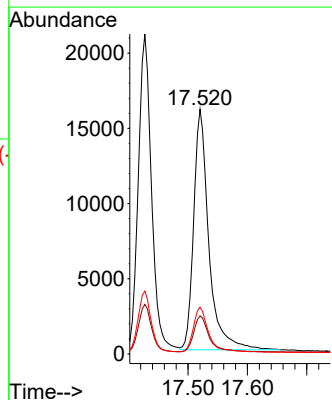
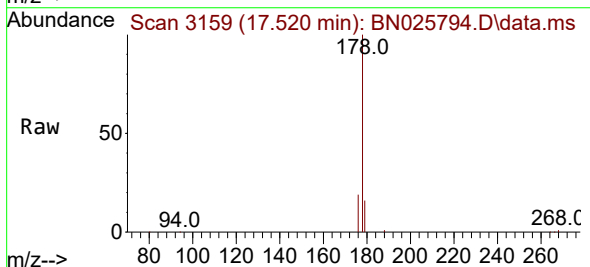
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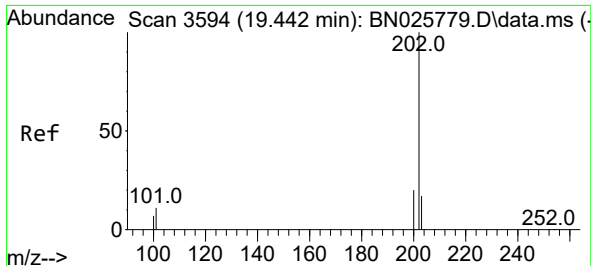
Tgt Ion:178 Resp: 33136
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.7 15.8 23.8



#16
Anthracene
Concen: 0.468 ng/ul
RT: 17.520 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

Tgt Ion:178 Resp: 28337
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.1 15.4 23.2

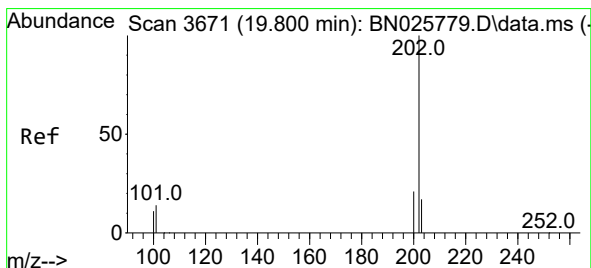
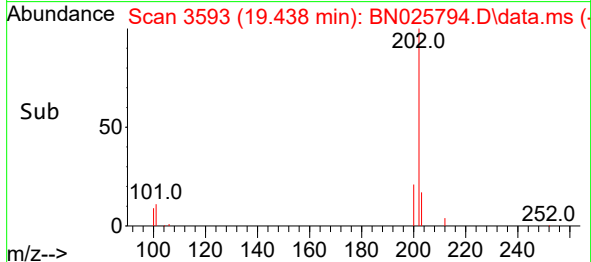
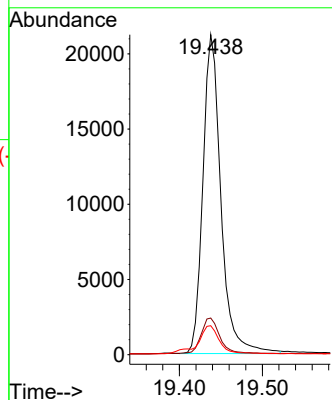
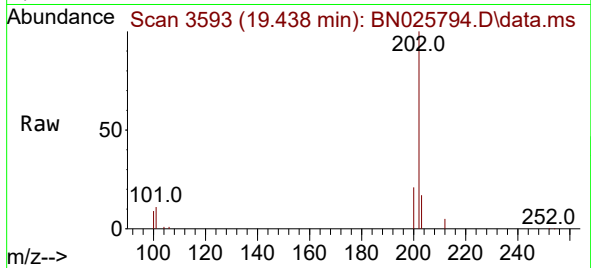




#19
Fluoranthene
Concen: 0.573 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

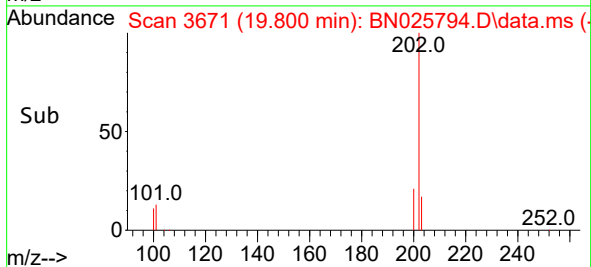
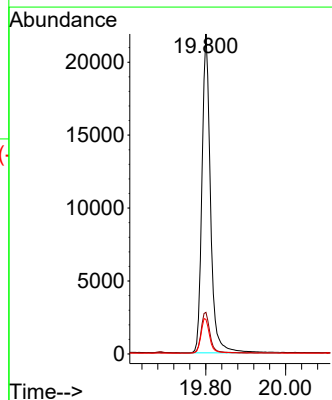
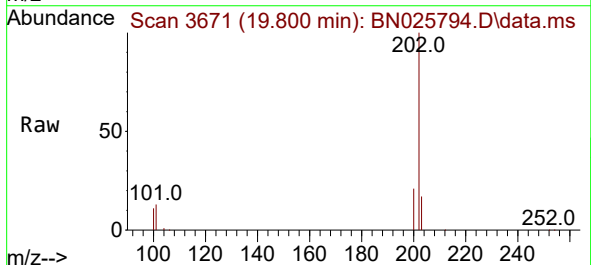
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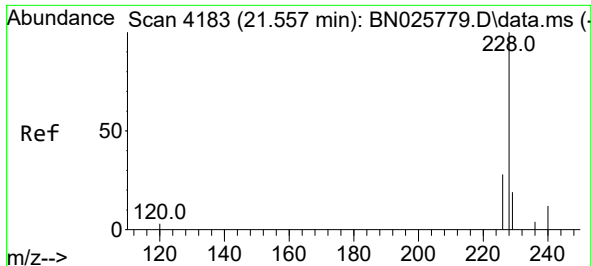
Tgt Ion:202 Resp: 32131
Ion Ratio Lower Upper
202 100
101 11.5 9.1 13.7
100 9.1 7.0 10.6



#20
Pyrene
Concen: 0.559 ng/ul
RT: 19.800 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

Tgt Ion:202 Resp: 32477
Ion Ratio Lower Upper
202 100
101 13.0 10.4 15.6
100 10.8 8.8 13.2

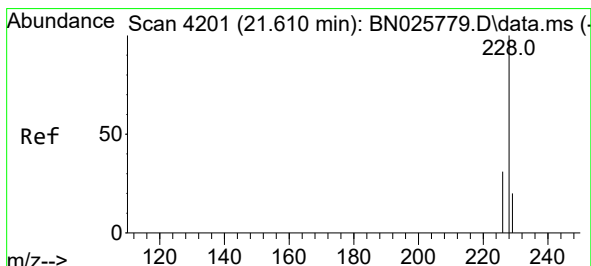
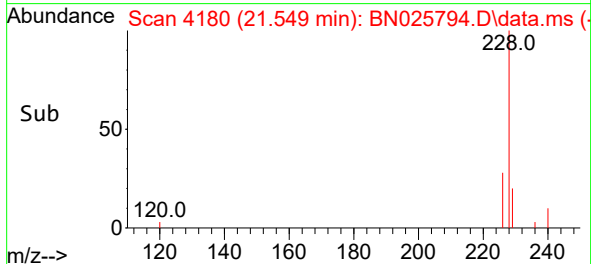
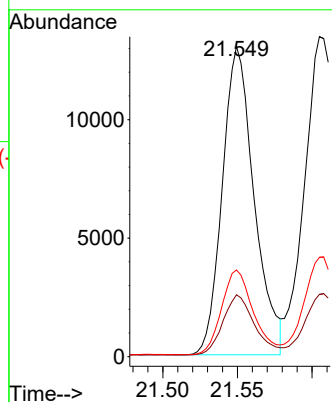
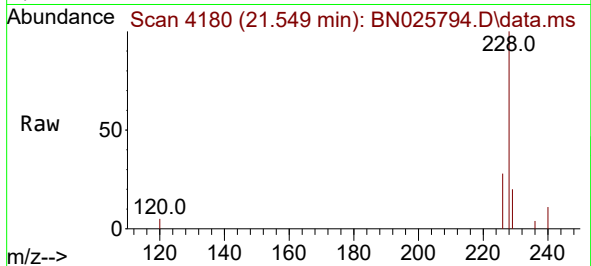




#21
Benzo(a)anthracene
Concen: 0.494 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

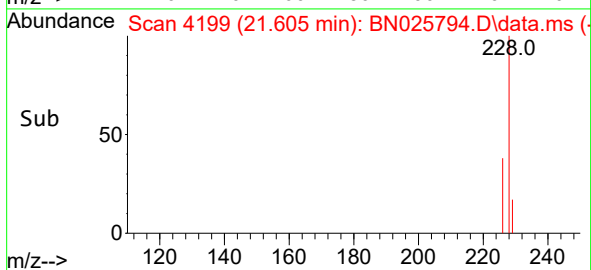
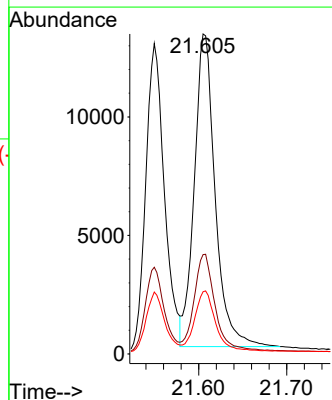
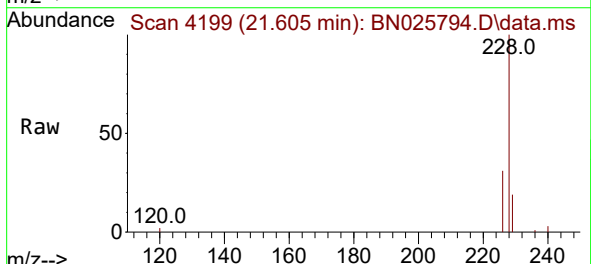
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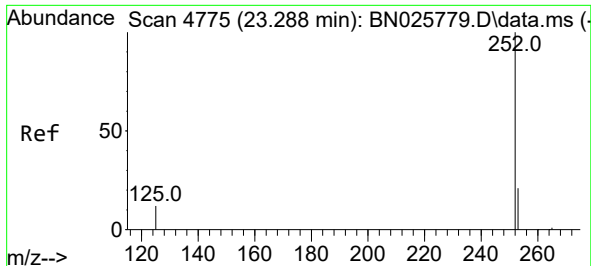
Tgt Ion:228 Resp: 19307
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 28.0 22.0 33.0



#22
Chrysene
Concen: 0.488 ng/ul
RT: 21.605 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

Tgt Ion:228 Resp: 21819
Ion Ratio Lower Upper
228 100
226 31.1 24.7 37.1
229 19.4 15.7 23.5

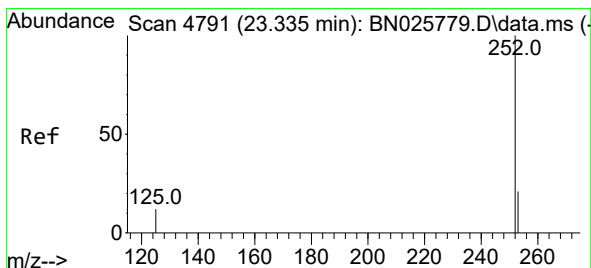
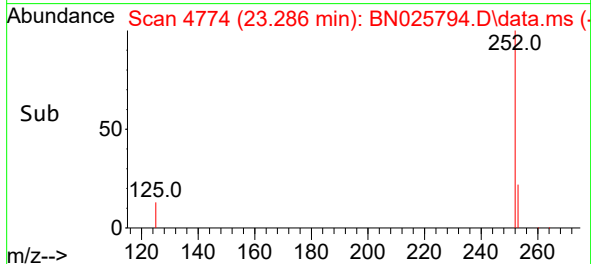
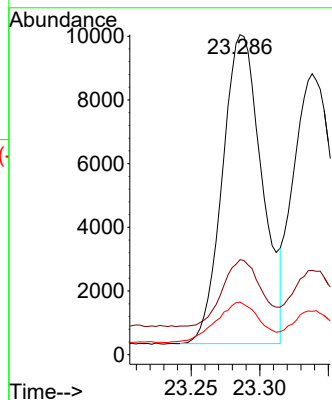
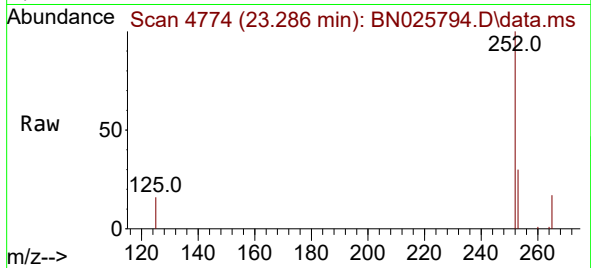




#24
Benzo(b)fluoranthene
Concen: 0.455 ng/ul
RT: 23.286 min Scan# 4775
Delta R.T. -0.005 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

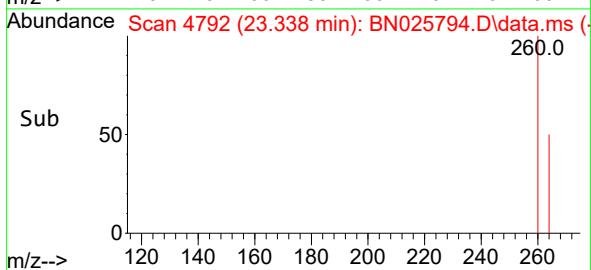
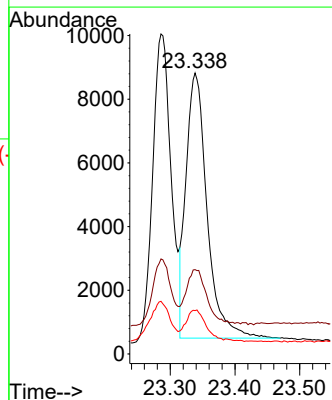
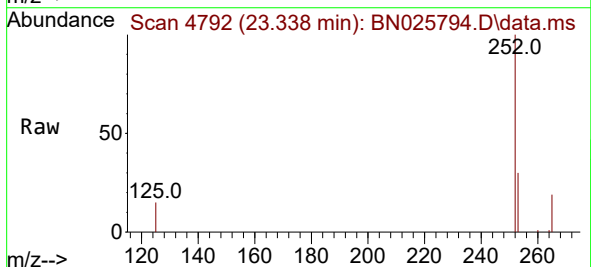
Instrument :
BNA_N
ClientSampleId :
SSTD0.4301

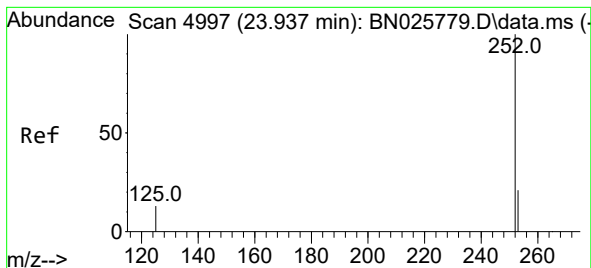
Tgt Ion:252 Resp: 19445
Ion Ratio Lower Upper
252 100
253 29.7 0.0 56.0
125 16.4 0.0 28.0



#25
Benzo(k)fluoranthene
Concen: 0.439 ng/ul
RT: 23.338 min Scan# 4792
Delta R.T. -0.003 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

Tgt Ion:252 Resp: 18826
Ion Ratio Lower Upper
252 100
253 30.0 23.3 34.9
125 15.4 11.6 17.4





#26

Benzo(a)pyrene

Concen: 0.460 ng/ul

RT: 23.938 min Scan# 4997

Delta R.T. -0.005 min

Lab File: BN025794.D

Acq: 12 Jun 2023 23:13

Instrument :

BNA_N

ClientSampleId :

SSTD0.4301

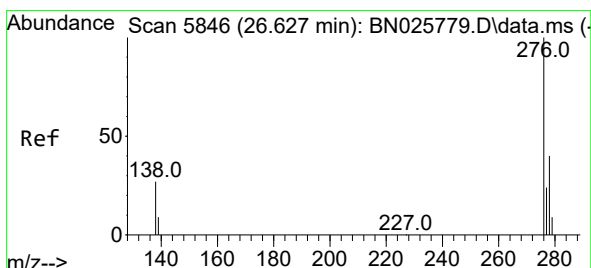
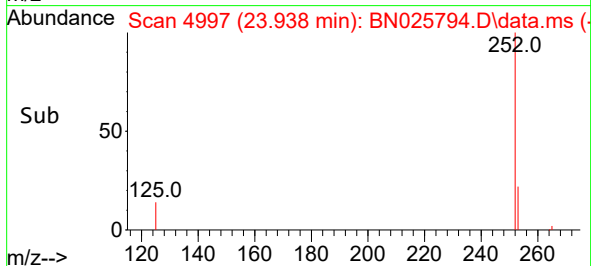
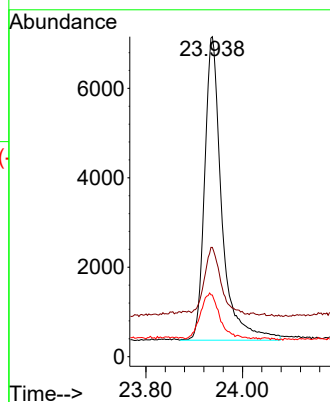
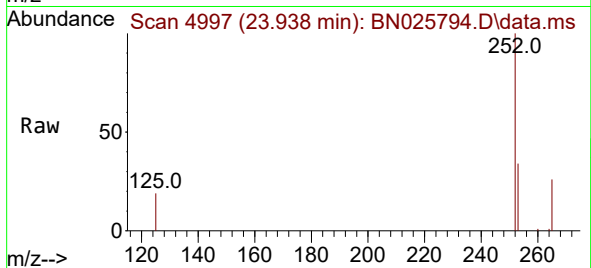
Tgt Ion:252 Resp: 16657

Ion Ratio Lower Upper

252 100

253 34.2 25.8 38.8

125 19.3 13.5 20.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.531 ng/ul

RT: 26.651 min Scan# 5853

Delta R.T. -0.007 min

Lab File: BN025794.D

Acq: 12 Jun 2023 23:13

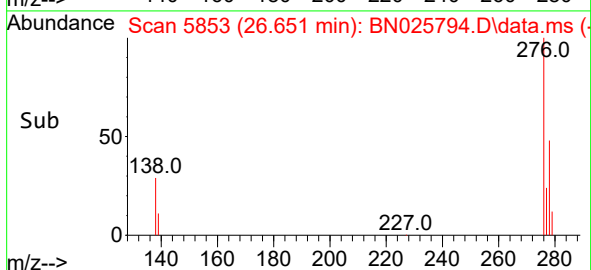
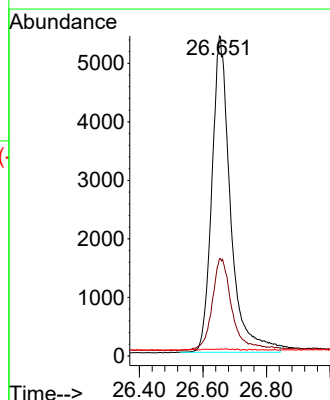
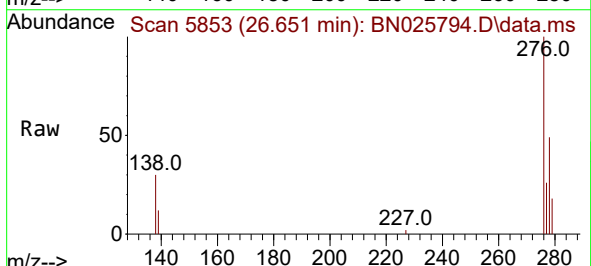
Tgt Ion:276 Resp: 21941

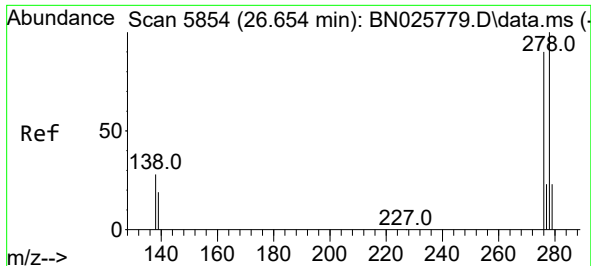
Ion Ratio Lower Upper

276 100

138 31.7 24.6 36.8

227 0.1 0.0 0.0#

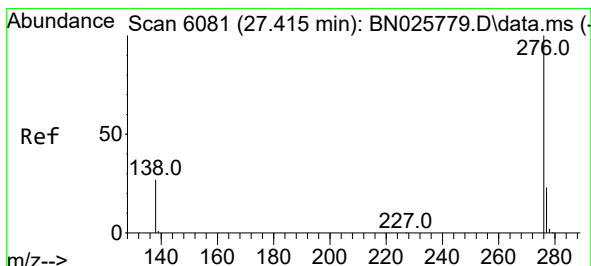
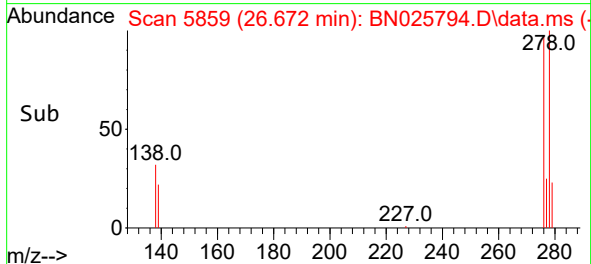
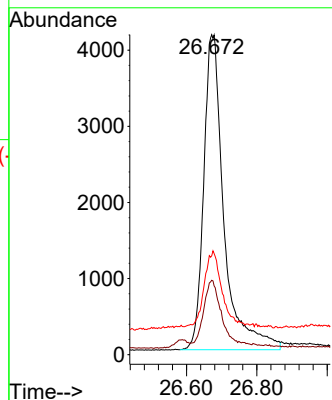
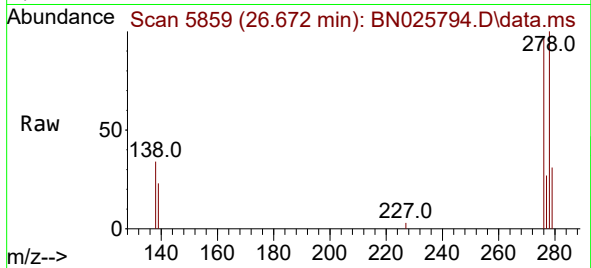




#28
Dibenzo(a,h)anthracene
Concen: 0.530 ng/ul
RT: 26.672 min Scan# 5859
Delta R.T. -0.013 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

Instrument :
BNA_N
ClientSampleId :
SSTD0.4301

Tgt Ion:278 Resp: 16564
Ion Ratio Lower Upper
278 100
139 23.3 17.9 26.9
279 30.9 25.3 37.9



#29
Benzo(g,h,i)perylene
Concen: 0.515 ng/ul
RT: 27.450 min Scan# 6091
Delta R.T. 0.001 min
Lab File: BN025794.D
Acq: 12 Jun 2023 23:13

Tgt Ion:276 Resp: 19090
Ion Ratio Lower Upper
276 100
138 28.5 21.8 32.8
277 24.4 19.4 29.2

