

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025390.D
 Acq On : 10 May 2023 21:31
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4299

Quant Time: May 11 02:09:49 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 May 11 02:07:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

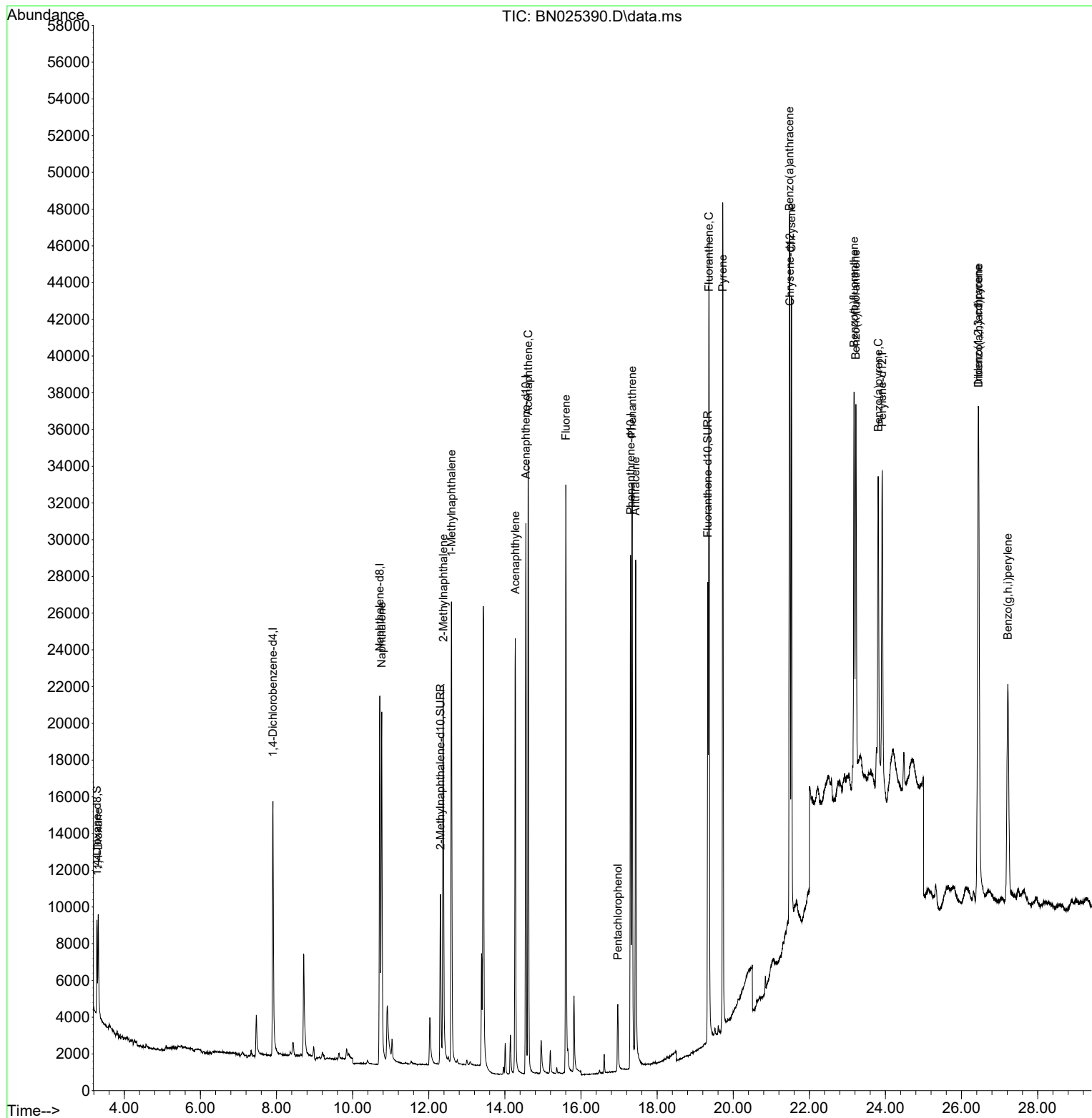
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	8959	0.400	ng/ul	0.00
4) Naphthalene-d8	10.714	136	29832	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.551	164	16733	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.304	188	34643	0.400	ng/ul	0.00
17) Chrysene-d12	21.493	240	23406	0.400	ng/ul	# 0.00
23) Perylene-d12	23.916	264	22910	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3029	0.327	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.309	152	14408	0.376	ng/ul	0.00
18) Fluoranthene-d10	19.330	212	29132	0.472	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.314	88	3431	0.343	ng/ul#	63
5) Naphthalene	10.763	128	28347	0.371	ng/ul	99
7) 2-Methylnaphthalene	12.380	142	17349	0.371	ng/ul	100
8) 1-Methylnaphthalene	12.595	142	18590	0.373	ng/ul	100
10) Acenaphthylene	14.274	152	28967	0.465	ng/ul	100
11) Acenaphthene	14.611	153	20362	0.388	ng/ul	99
12) Fluorene	15.601	166	22368	0.381	ng/ul	98
14) Pentachlorophenol	16.966	266	3019	0.444	ng/ul	99
15) Phenanthrene	17.342	178	35952	0.368	ng/ul	100
16) Anthracene	17.435	178	34712	0.434	ng/ul	100
19) Fluoranthene	19.362	202	39145	0.462	ng/ul	98
20) Pyrene	19.725	202	39917	0.459	ng/ul	98
21) Benzo(a)anthracene	21.475	228	31381	0.445	ng/ul#	89
22) Chrysene	21.531	228	30511	0.397	ng/ul#	89
24) Benzo(b)fluoranthene	23.176	252	29604	0.318	ng/ul#	71
25) Benzo(k)fluoranthene	23.223	252	29033	0.325	ng/ul#	69
26) Benzo(a)pyrene	23.811	252	27174	0.353	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	26.436	276	33991	0.384	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.449	278	26799	0.387	ng/ul#	70
29) Benzo(g,h,i)perylene	27.217	276	27342	0.363	ng/ul#	77

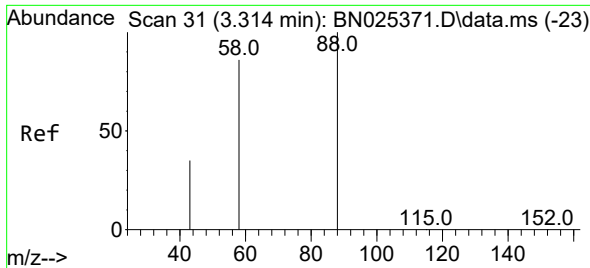
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Quant Time: May 11 02:09:49 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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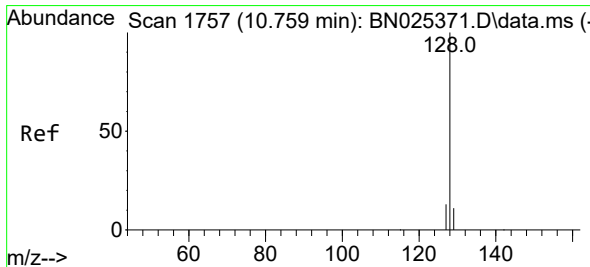
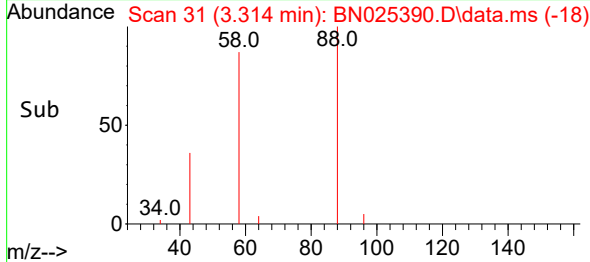
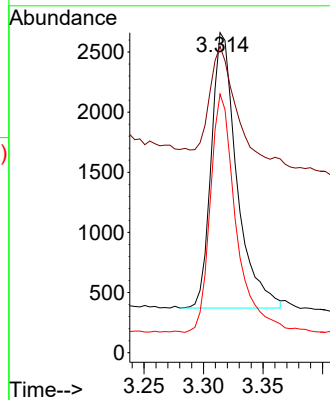
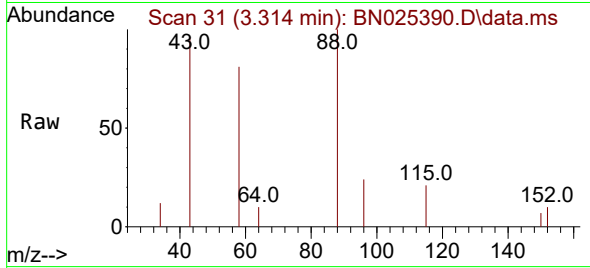




#2
1,4-Dioxane
Concen: 0.343 ng/ul
RT: 3.314 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

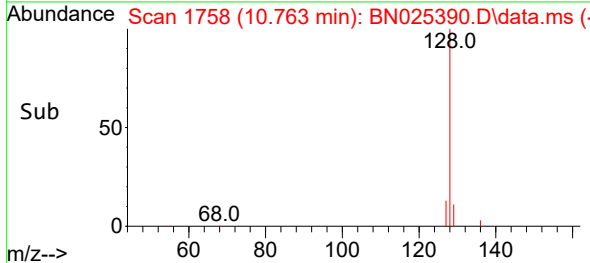
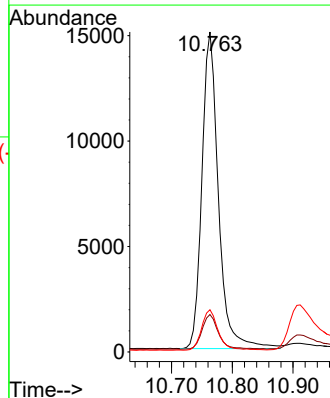
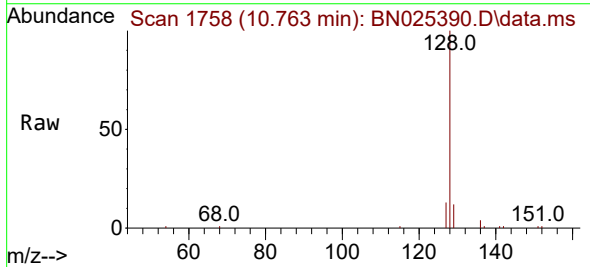
Instrument :
BNA_N
ClientSampleId :
SSTD0.4299

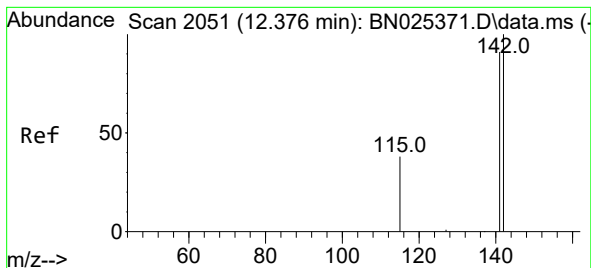
Tgt Ion: 88 Resp: 3431
Ion Ratio Lower Upper
88 100
43 95.7 37.0 55.4#
58 80.8 56.9 85.3



#5
Naphthalene
Concen: 0.371 ng/ul
RT: 10.763 min Scan# 1758
Delta R.T. 0.004 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

Tgt Ion:128 Resp: 28347
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.2 10.7 16.1

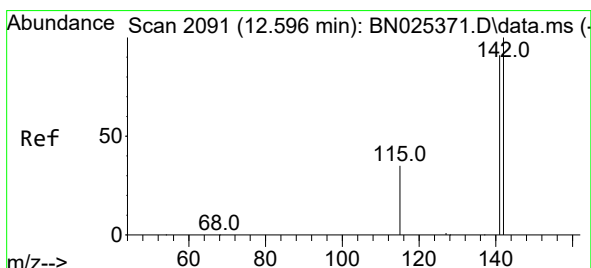
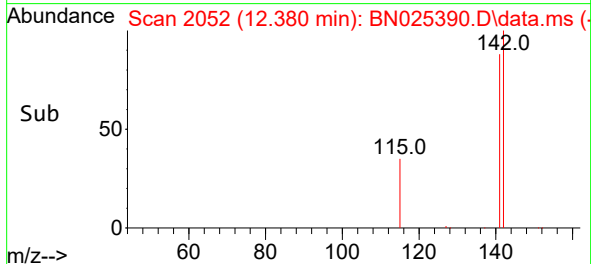
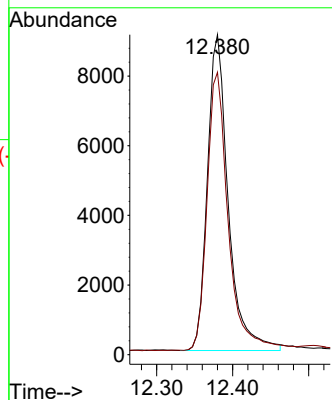
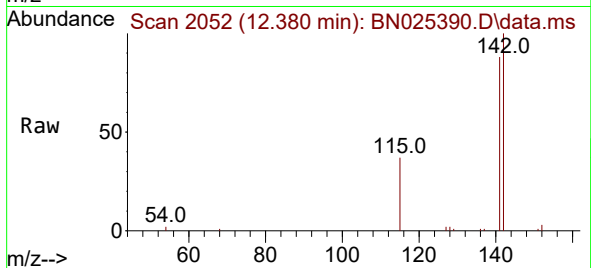




#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.380 min Scan# 2052
Delta R.T. 0.004 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

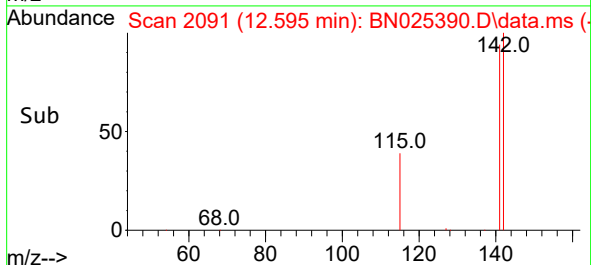
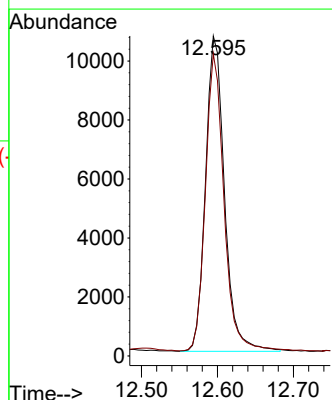
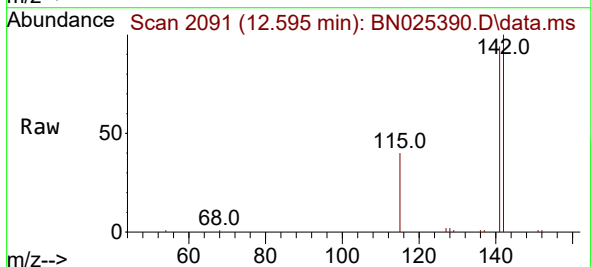
Instrument :
BNA_N
ClientSampleId :
SSTD0.4299

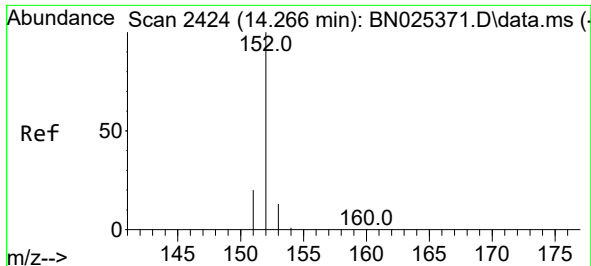
Tgt Ion:142 Resp: 17349
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.595 min Scan# 2091
Delta R.T. 0.004 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

Tgt Ion:142 Resp: 18590
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6

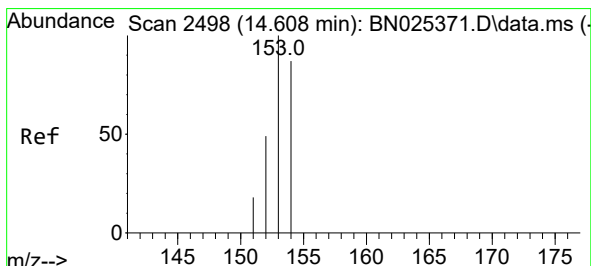
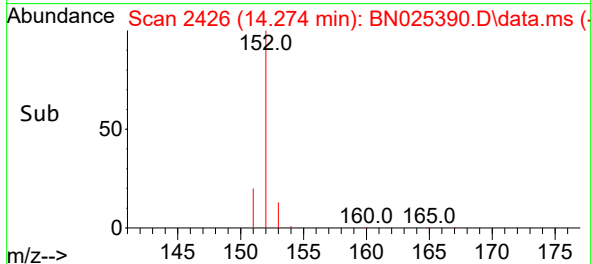
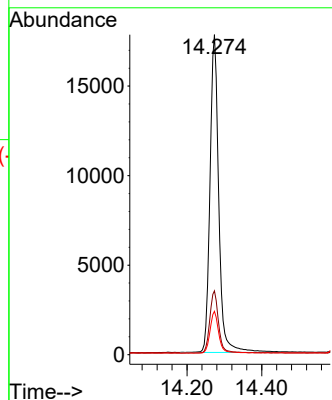
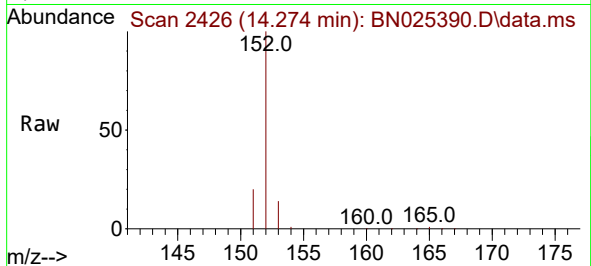




#10
Acenaphthylene
Concen: 0.465 ng/ul
RT: 14.274 min Scan# 2426
Delta R.T. 0.003 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

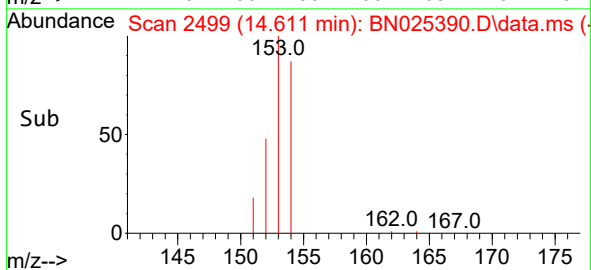
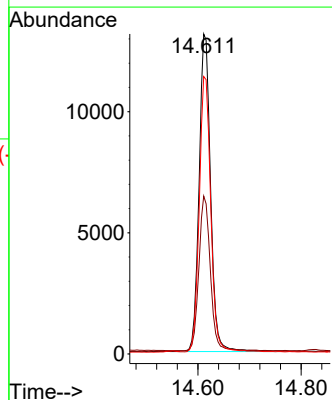
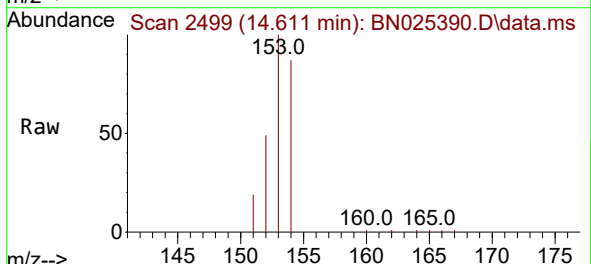
Instrument :
BNA_N
ClientSampleId :
SSTD0.4299

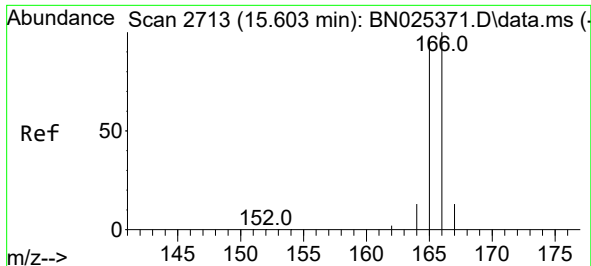
Tgt Ion:152 Resp: 28967
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.5 10.8 16.2



#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.611 min Scan# 2499
Delta R.T. 0.003 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

Tgt Ion:153 Resp: 20362
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 86.7 69.4 104.2

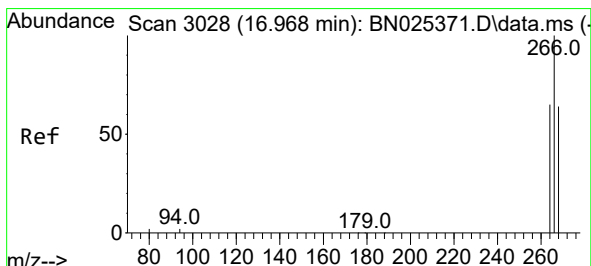
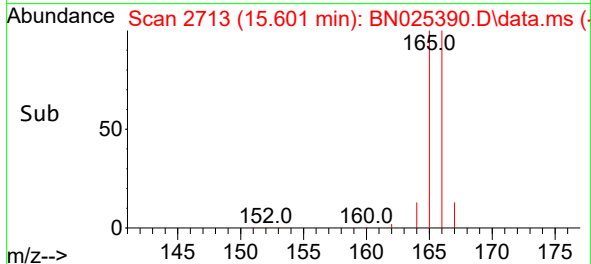
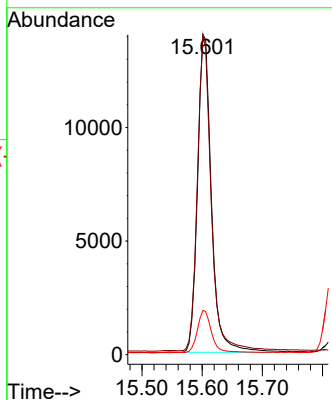
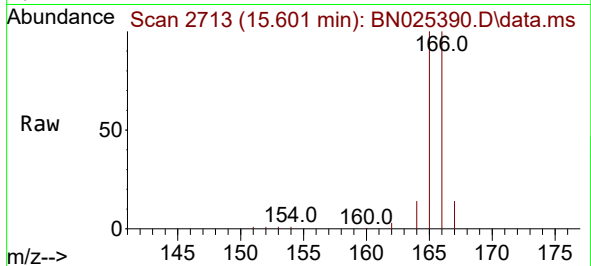




#12
Fluorene
Concen: 0.381 ng/ul
RT: 15.601 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

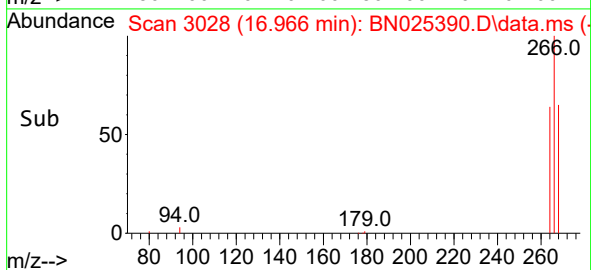
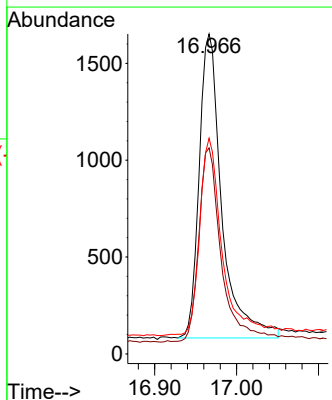
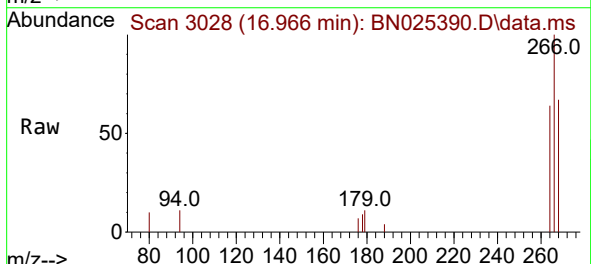
Instrument :
BNA_N
ClientSampleId :
SSTD0.4299

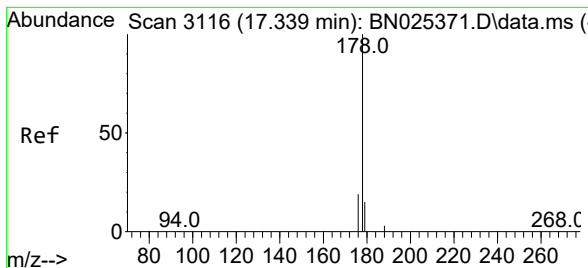
Tgt Ion:166 Resp: 22368
Ion Ratio Lower Upper
166 100
165 100.0 78.1 117.1
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.444 ng/ul
RT: 16.966 min Scan# 3028
Delta R.T. 0.007 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

Tgt Ion:266 Resp: 3019
Ion Ratio Lower Upper
266 100
264 62.9 49.6 74.4
268 64.6 51.3 76.9





#15

Phenanthrene

Concen: 0.368 ng/ul

RT: 17.342 min Scan# 3116

Delta R.T. 0.003 min

Lab File: BN025390.D

Acq: 10 May 2023 21:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.4299

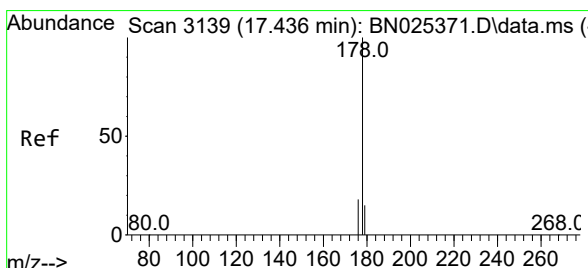
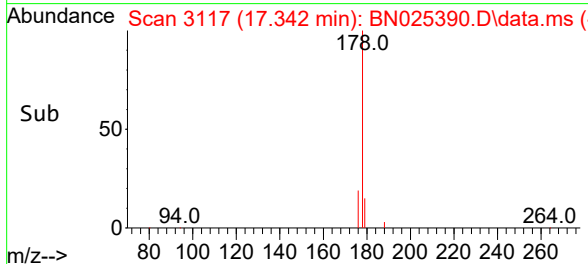
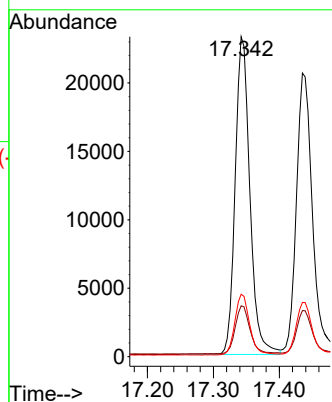
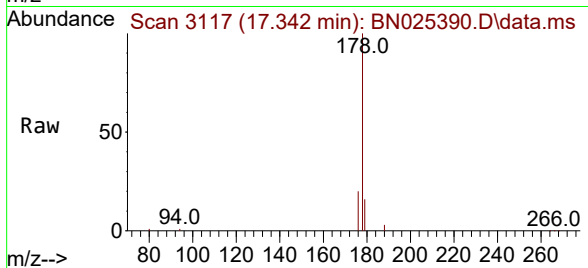
Tgt Ion:178 Resp: 35952

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

176 19.5 15.6 23.4



#16

Anthracene

Concen: 0.434 ng/ul

RT: 17.435 min Scan# 3139

Delta R.T. 0.003 min

Lab File: BN025390.D

Acq: 10 May 2023 21:31

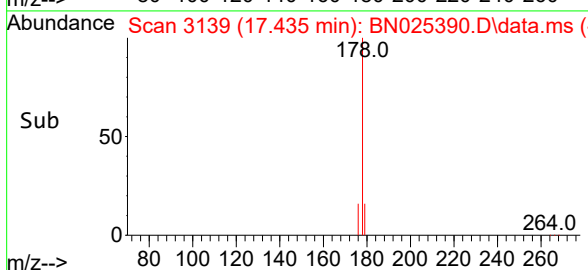
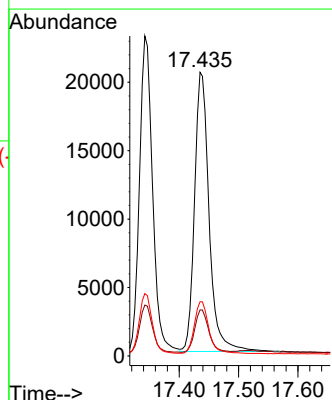
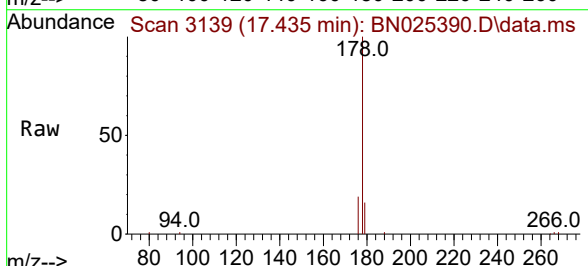
Tgt Ion:178 Resp: 34712

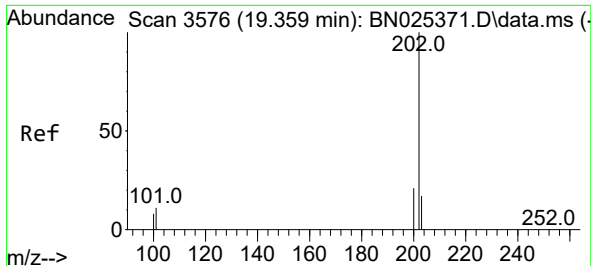
Ion Ratio Lower Upper

178 100

179 16.2 12.7 19.1

176 19.1 15.3 22.9

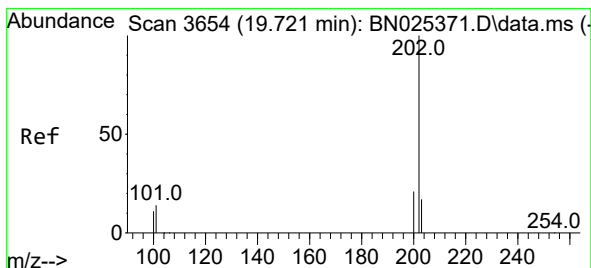
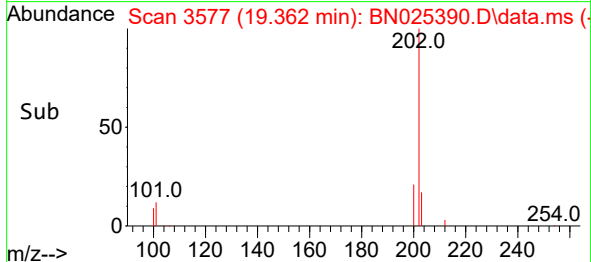
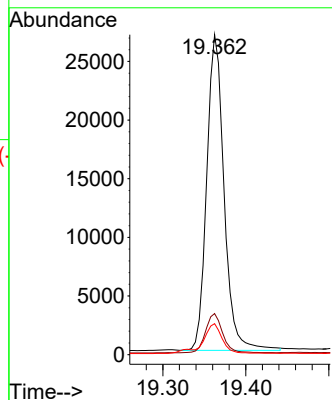
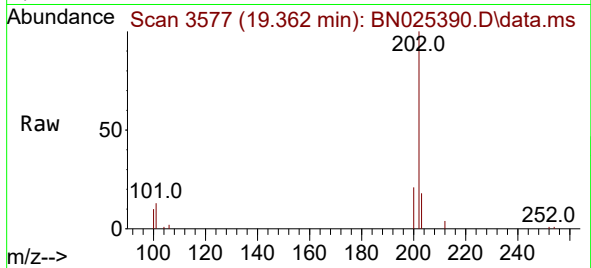




#19
Fluoranthene
Concen: 0.462 ng/ul
RT: 19.362 min Scan# 3577
Delta R.T. 0.003 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

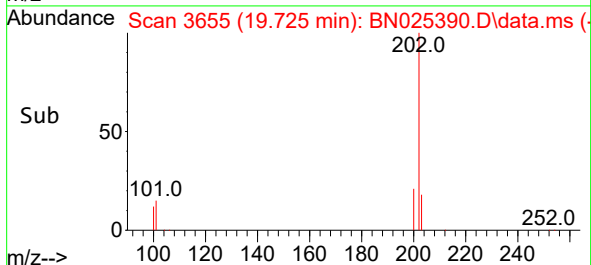
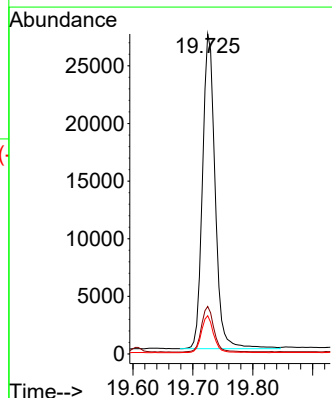
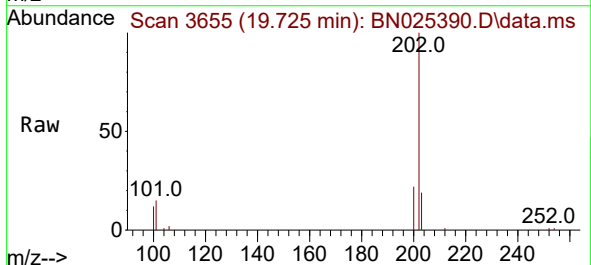
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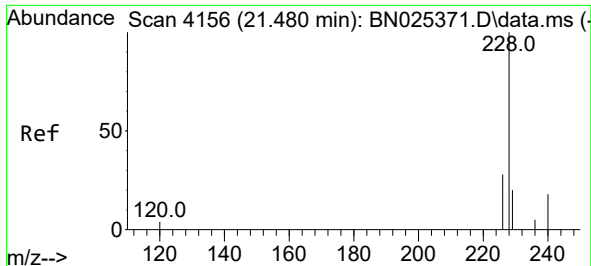
Tgt Ion:202 Resp: 39145
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 9.7 7.3 10.9



#20
Pyrene
Concen: 0.459 ng/ul
RT: 19.725 min Scan# 3655
Delta R.T. 0.003 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

Tgt Ion:202 Resp: 39917
Ion Ratio Lower Upper
202 100
101 14.9 11.3 16.9
100 11.9 9.2 13.8

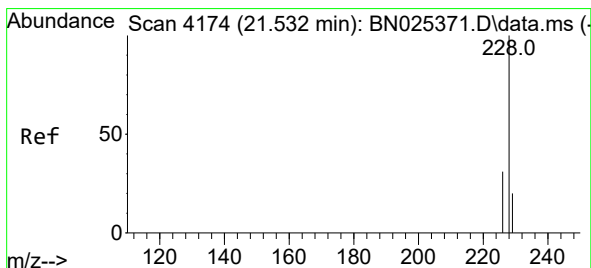
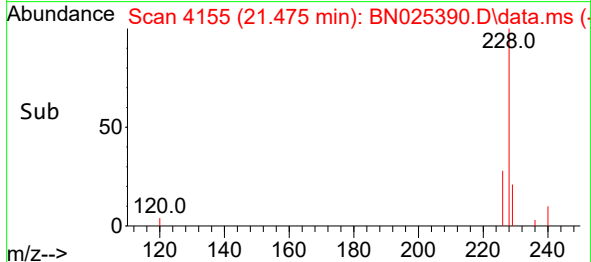
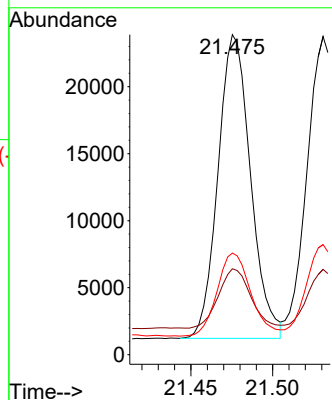
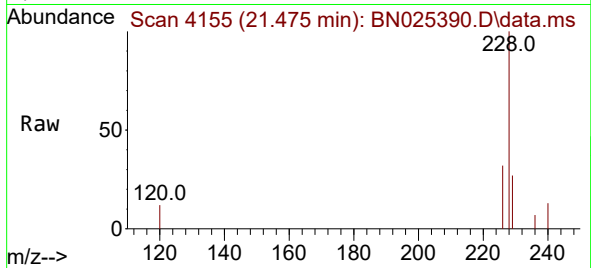




#21
Benzo(a)anthracene
Concen: 0.445 ng/ul
RT: 21.475 min Scan# 4156
Delta R.T. -0.002 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

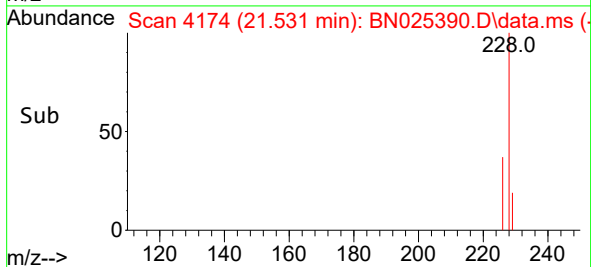
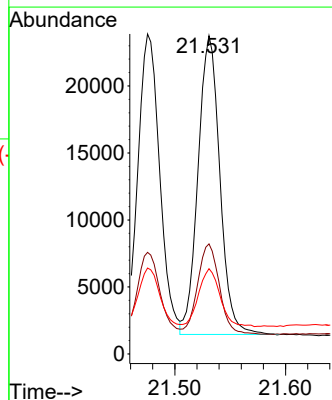
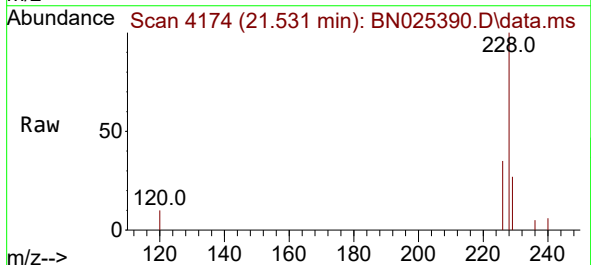
Instrument :
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ClientSampleId :
SSTD0.4299

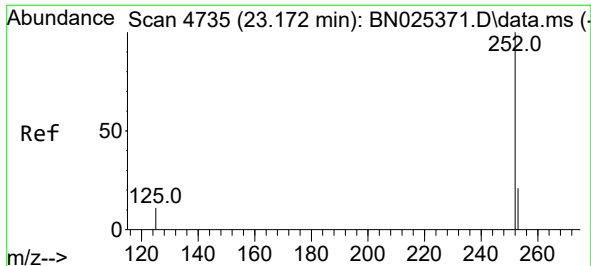
Tgt Ion:228 Resp: 31381
Ion Ratio Lower Upper
228 100
229 26.8 15.6 23.4#
226 31.7 22.1 33.1



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.531 min Scan# 4174
Delta R.T. -0.002 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

Tgt Ion:228 Resp: 30511
Ion Ratio Lower Upper
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226 34.6 24.5 36.7
229 26.8 15.8 23.6#

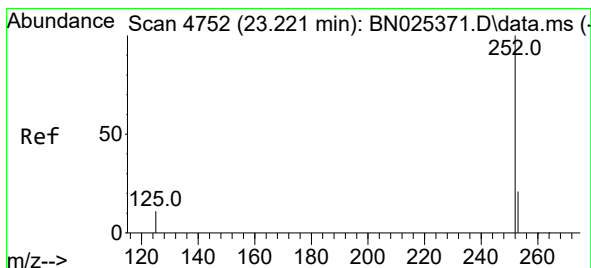
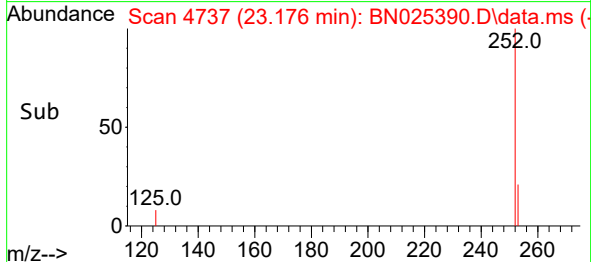
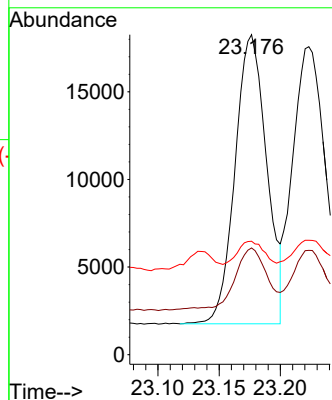
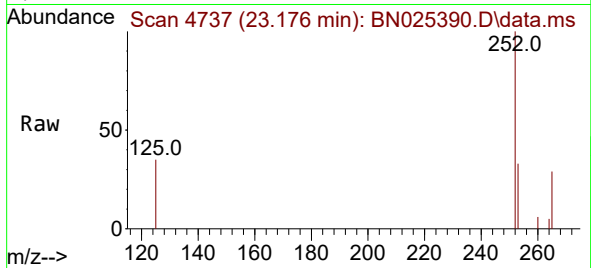




#24
Benzo(b)fluoranthene
Concen: 0.318 ng/ul
RT: 23.176 min Scan# 4735
Delta R.T. -0.008 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

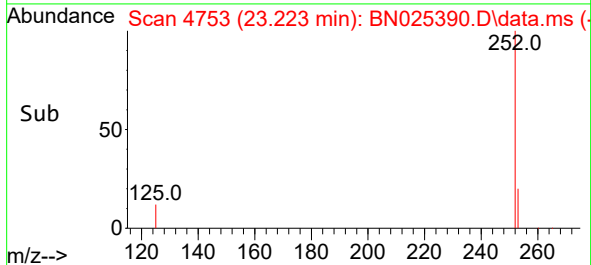
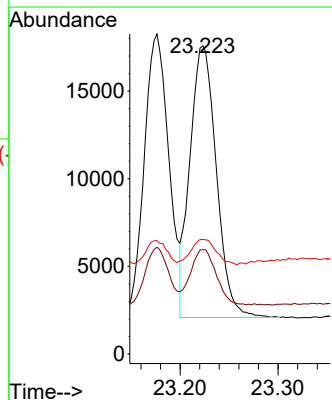
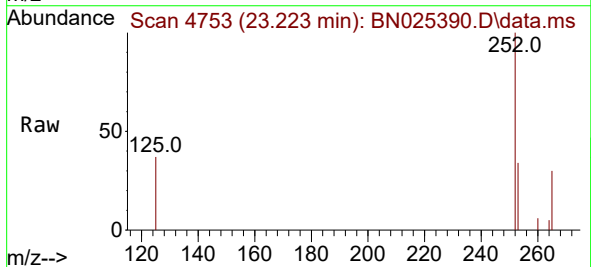
Instrument :
BNA_N
ClientSampleId :
SSTD0.4299

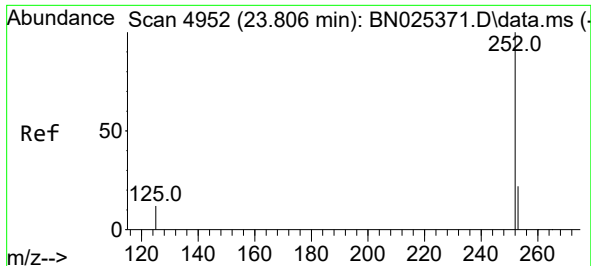
Tgt Ion:252 Resp: 29604
Ion Ratio Lower Upper
252 100
253 33.3 0.0 50.2
125 35.5 0.0 30.4#



#25
Benzo(k)fluoranthene
Concen: 0.325 ng/ul
RT: 23.223 min Scan# 4753
Delta R.T. -0.013 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

Tgt Ion:252 Resp: 29033
Ion Ratio Lower Upper
252 100
253 33.9 20.2 30.4#
125 37.2 11.8 17.8#

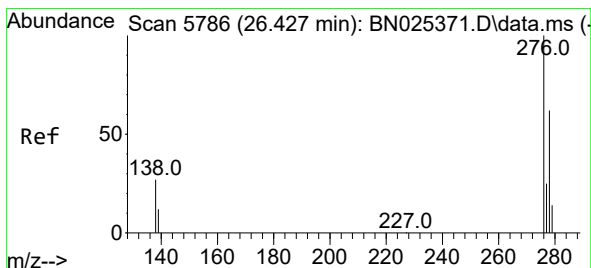
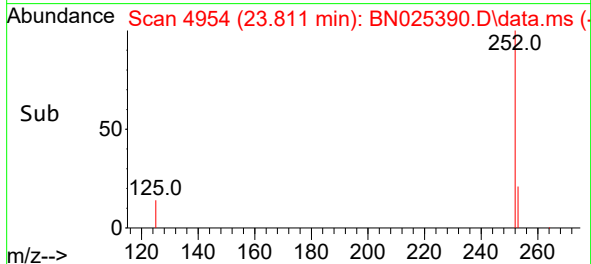
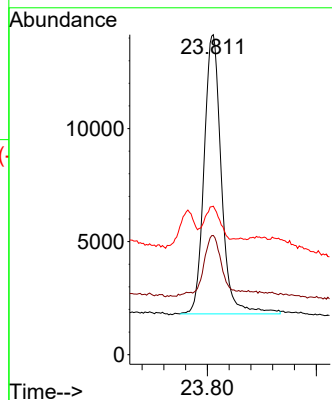
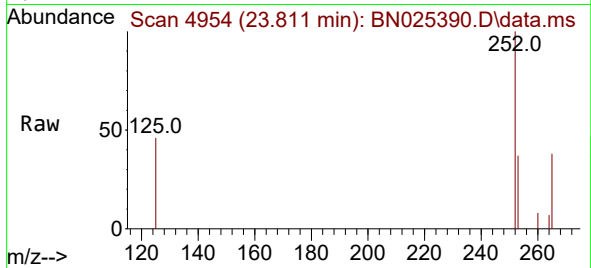




#26
Benzo(a)pyrene
Concen: 0.353 ng/ul
RT: 23.811 min Scan# 4954
Delta R.T. -0.008 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

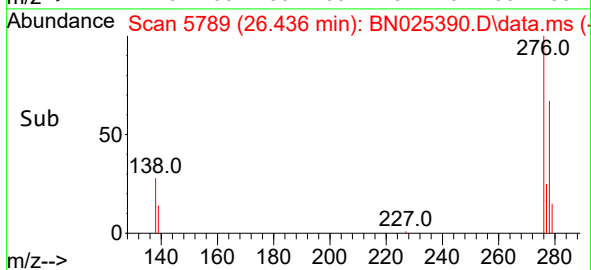
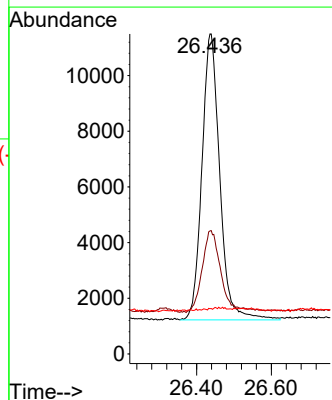
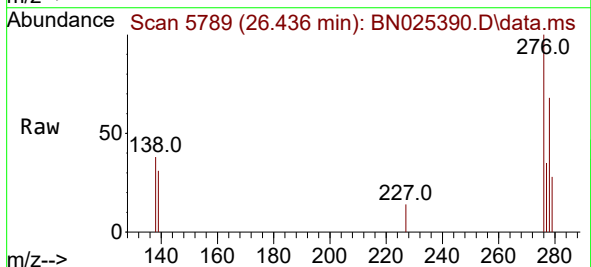
Instrument :
BNA_N
ClientSampleId :
SSTD0.4299

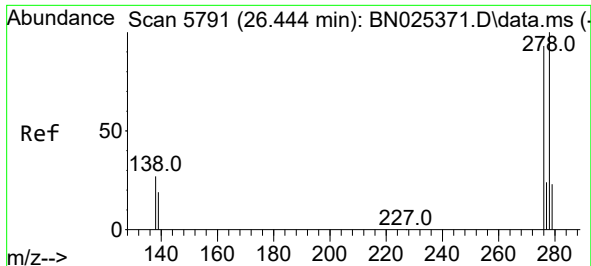
Tgt Ion:252 Resp: 27174
Ion Ratio Lower Upper
252 100
253 37.2 21.4 32.2#
125 46.4 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 26.436 min Scan# 5789
Delta R.T. -0.022 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

Tgt Ion:276 Resp: 33991
Ion Ratio Lower Upper
276 100
138 31.2 21.9 32.9
227 0.2 0.1 0.1#

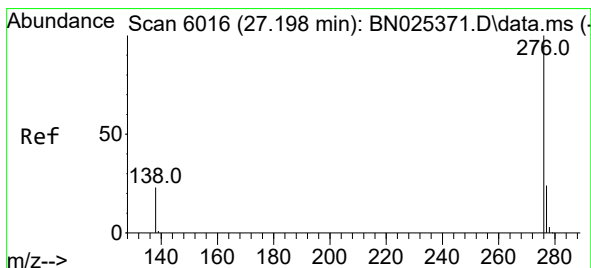
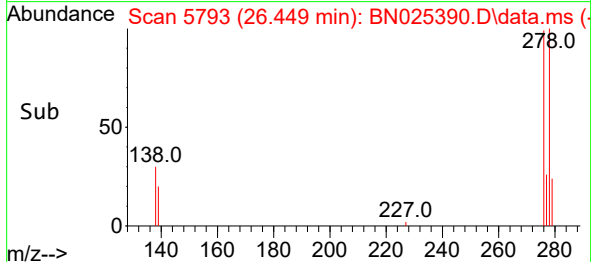
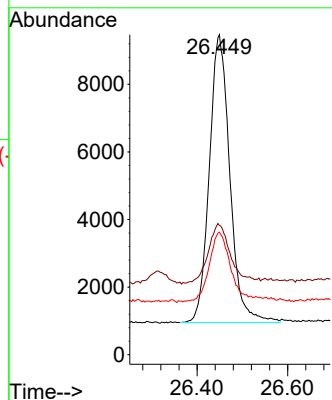
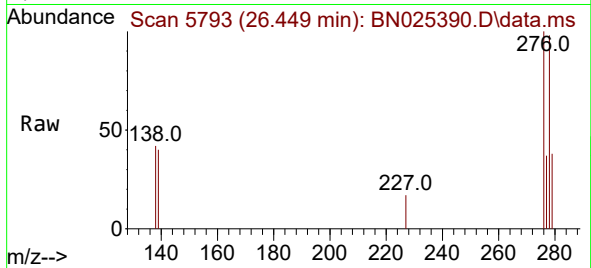




#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 26.449 min Scan# 51
Delta R.T. -0.025 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.4299

Tgt Ion:278 Resp: 26799
Ion Ratio Lower Upper
278 100
139 40.4 17.0 25.6#
279 38.3 21.8 32.8#



#29
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 27.217 min Scan# 6022
Delta R.T. -0.022 min
Lab File: BN025390.D
Acq: 10 May 2023 21:31

Tgt Ion:276 Resp: 27342
Ion Ratio Lower Upper
276 100
138 37.9 20.3 30.5#
277 35.6 19.8 29.6#

