

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030206.D
 Acq On : 03 Mar 2024 07:22
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4353

Quant Time: Mar 03 22:51:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 02 16:09:30 2024
 Response via : Initial Calibration

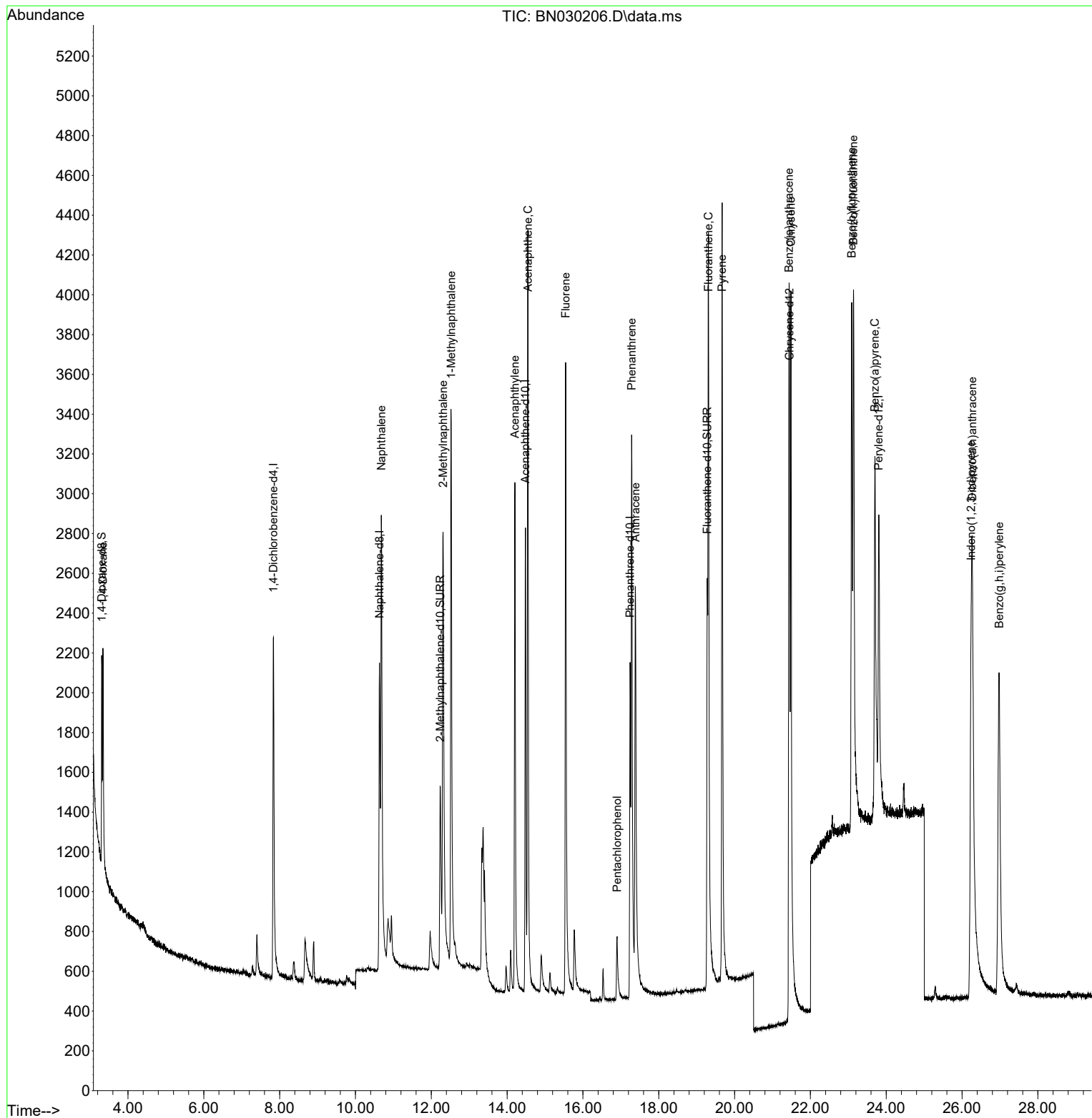
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	1229	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	3364	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.483	164	1579	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.243	188	2887	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	2274	0.400	ng/ul	# 0.00
23) Perylene-d12	23.803	264	2508	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	808	0.475	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	1961	0.451	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	3385	0.457	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	790	0.428	ng/ul	97
5) Naphthalene	10.683	128	4380	0.441	ng/ul	99
7) 2-Methylnaphthalene	12.311	142	2365	0.440	ng/ul	100
8) 1-Methylnaphthalene	12.525	142	2531	0.444	ng/ul	100
10) Acenaphthylene	14.206	152	3902	0.442	ng/ul	99
11) Acenaphthene	14.548	153	2787	0.430	ng/ul	98
12) Fluorene	15.543	166	2907	0.441	ng/ul	99
14) Pentachlorophenol	16.901	266	377	0.458	ng/ul	97
15) Phenanthrene	17.285	178	4069	0.420	ng/ul	98
16) Anthracene	17.382	178	3763	0.442	ng/ul	98
19) Fluoranthene	19.309	202	4480	0.444	ng/ul	99
20) Pyrene	19.672	202	4875	0.444	ng/ul	96
21) Benzo(a)anthracene	21.435	228	3495	0.435	ng/ul	100
22) Chrysene	21.485	228	4203	0.435	ng/ul	99
24) Benzo(b)fluoranthene	23.090	252	4020	0.416	ng/ul	97
25) Benzo(k)fluoranthene	23.136	252	4896	0.429	ng/ul	99
26) Benzo(a)pyrene	23.701	252	4129	0.419	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.239	276	5461	0.434	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.269	278	4215	0.433	ng/ul	98
29) Benzo(g,h,i)perylene	26.980	276	4917	0.422	ng/ul	96

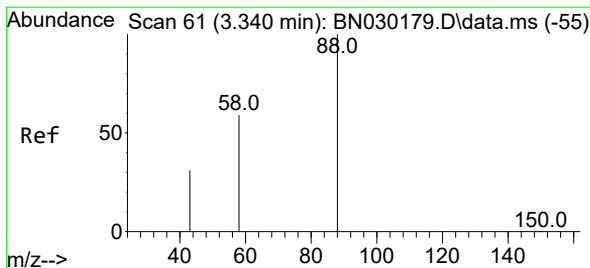
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
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#2

1,4-Dioxane

Concen: 0.428 ng/ul

RT: 3.340 min Scan# 61

Delta R.T. 0.000 min

Lab File: BN030206.D

Acq: 03 Mar 2024 07:22

Instrument :

BNA_N

ClientSampleId :

SSTD0.4353

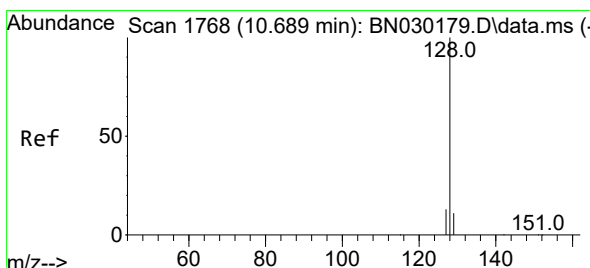
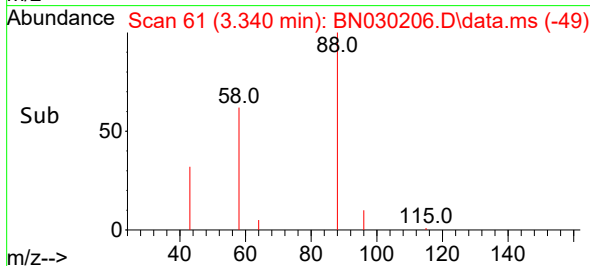
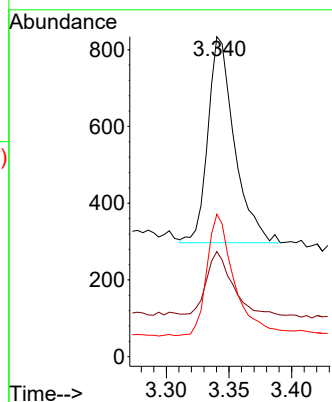
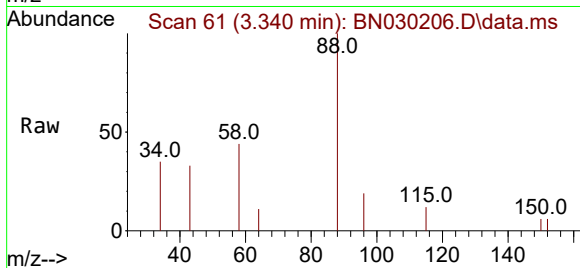
Tgt Ion: 88 Resp: 790

Ion Ratio Lower Upper

88 100

43 32.9 25.7 38.5

58 44.5 33.8 50.8



#5

Naphthalene

Concen: 0.441 ng/ul

RT: 10.683 min Scan# 1767

Delta R.T. -0.005 min

Lab File: BN030206.D

Acq: 03 Mar 2024 07:22

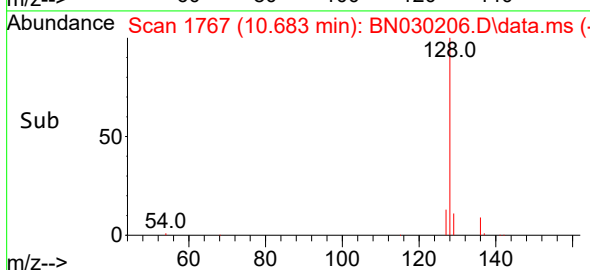
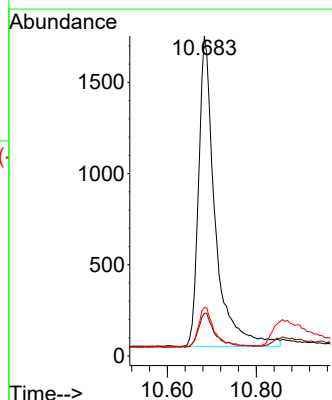
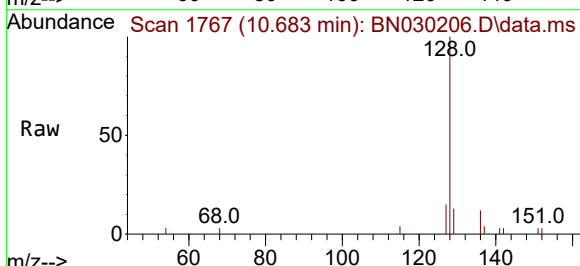
Tgt Ion: 128 Resp: 4380

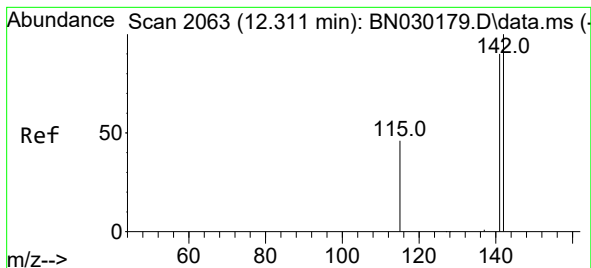
Ion Ratio Lower Upper

128 100

129 13.3 11.0 16.4

127 15.1 12.3 18.5

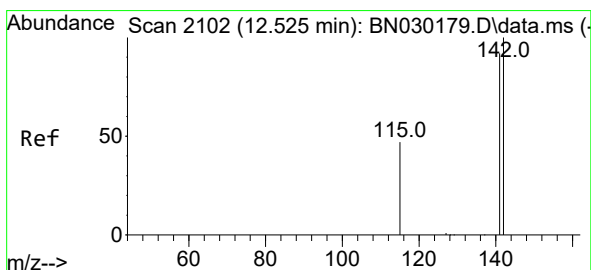
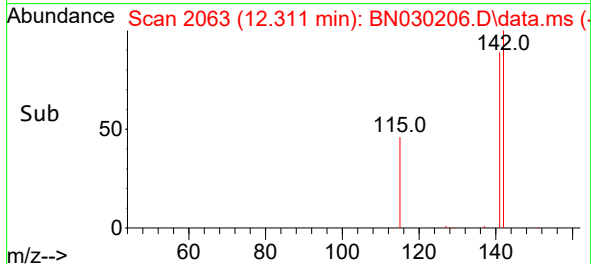
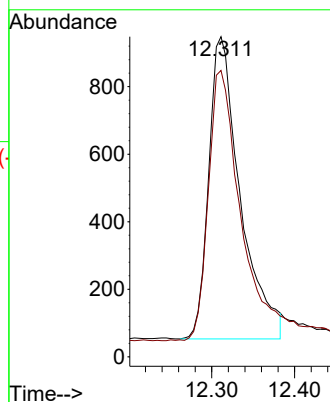
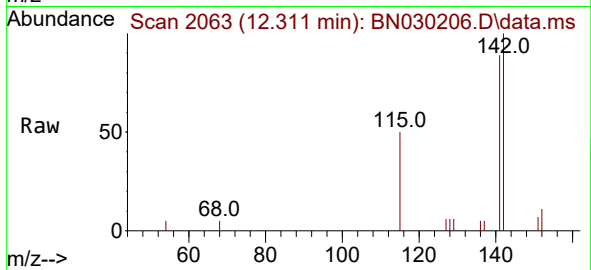




#7
2-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 12.311 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BN030206.D
Acq: 03 Mar 2024 07:22

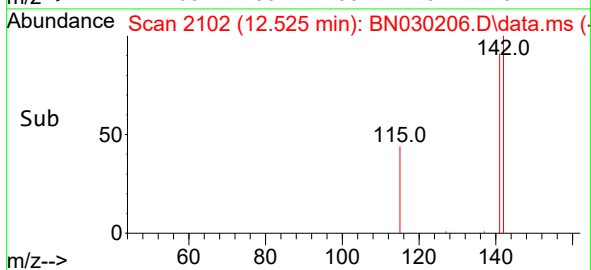
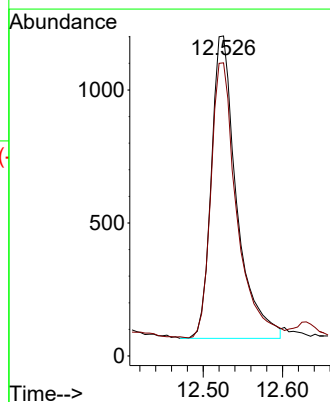
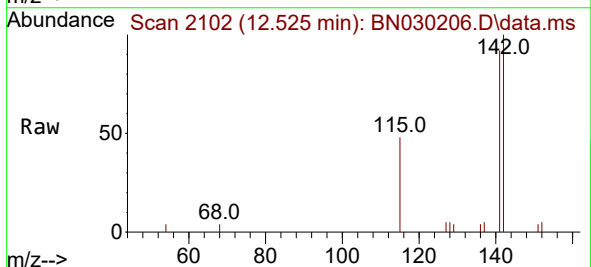
Instrument :
BNA_N
ClientSampleId :
SSTD0.4353

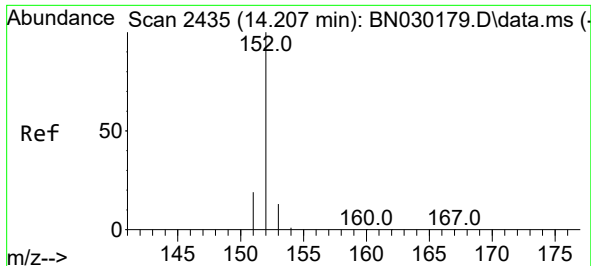
Tgt Ion:142 Resp: 2365
Ion Ratio Lower Upper
142 100
141 91.2 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.444 ng/ul
RT: 12.525 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN030206.D
Acq: 03 Mar 2024 07:22

Tgt Ion:142 Resp: 2531
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.2

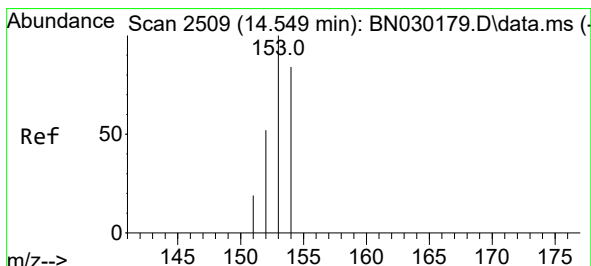
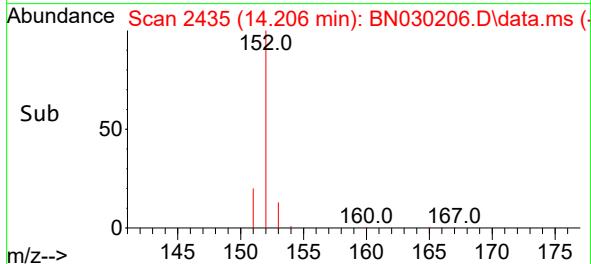
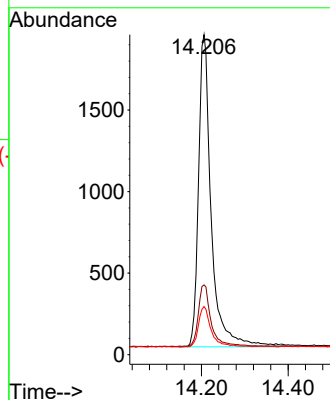
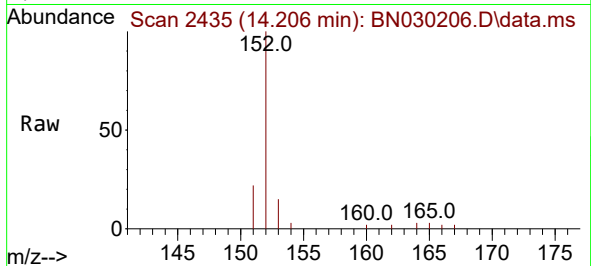




#10
Acenaphthylene
Concen: 0.442 ng/ul
RT: 14.206 min Scan# 2435
Delta R.T. -0.001 min
Lab File: BN030206.D
Acq: 03 Mar 2024 07:22

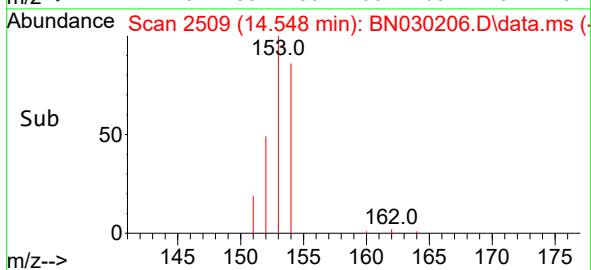
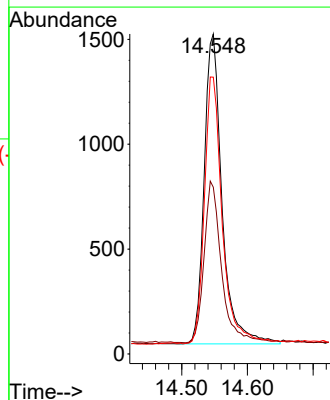
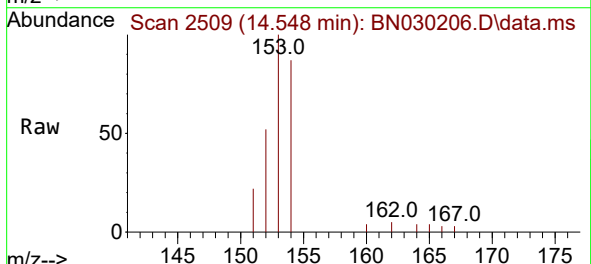
Instrument :
BNA_N
ClientSampleId :
SSTD0.4353

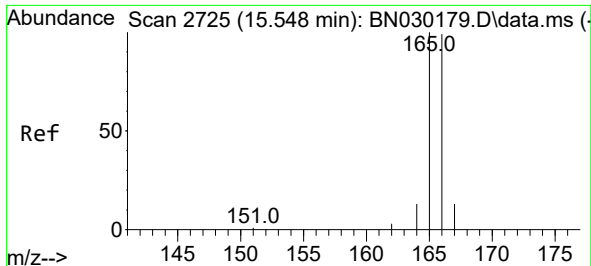
Tgt Ion:152 Resp: 3902
Ion Ratio Lower Upper
152 100
151 21.8 16.9 25.3
153 15.0 11.8 17.6



#11
Acenaphthene
Concen: 0.430 ng/ul
RT: 14.548 min Scan# 2509
Delta R.T. -0.001 min
Lab File: BN030206.D
Acq: 03 Mar 2024 07:22

Tgt Ion:153 Resp: 2787
Ion Ratio Lower Upper
153 100
152 52.1 43.2 64.8
154 86.5 67.5 101.3

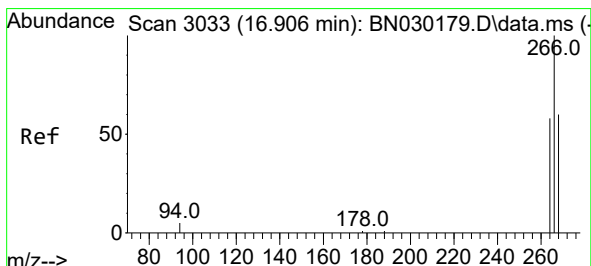
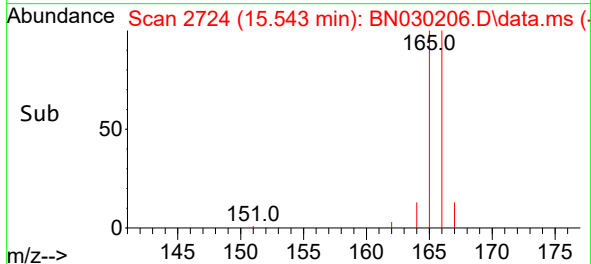
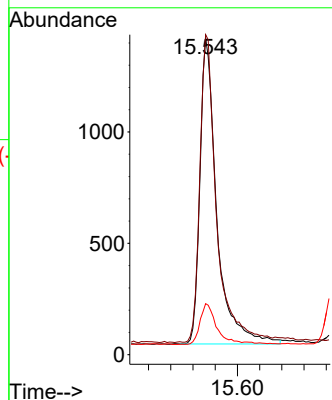
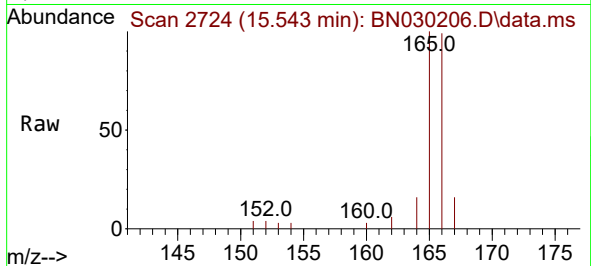




#12
Fluorene
Concen: 0.441 ng/ul
RT: 15.543 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN030206.D
Acq: 03 Mar 2024 07:22

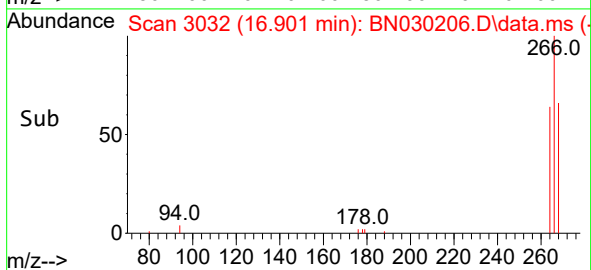
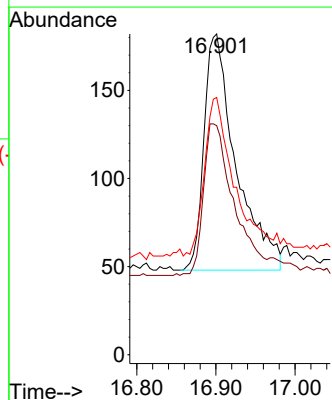
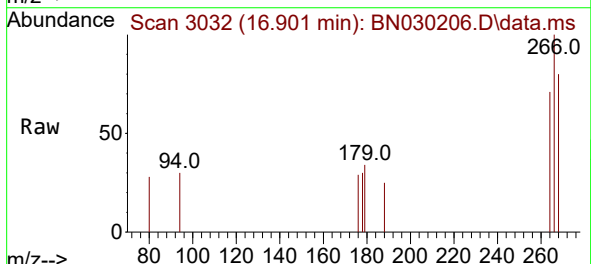
Instrument :
BNA_N
ClientSampleId :
SSTD0.4353

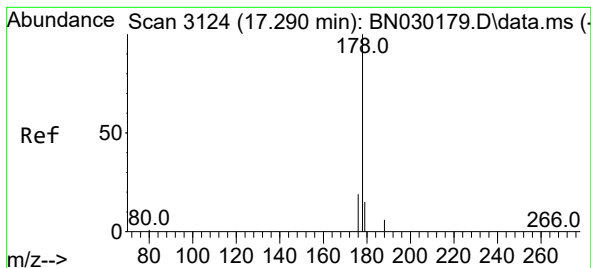
Tgt Ion:166 Resp: 2907
Ion Ratio Lower Upper
166 100
165 101.1 81.8 122.6
167 16.1 13.0 19.4



#14
Pentachlorophenol
Concen: 0.458 ng/ul
RT: 16.901 min Scan# 3032
Delta R.T. -0.005 min
Lab File: BN030206.D
Acq: 03 Mar 2024 07:22

Tgt Ion:266 Resp: 377
Ion Ratio Lower Upper
266 100
264 63.9 49.8 74.8
268 64.2 53.4 80.2





#15

Phenanthrene

Concen: 0.420 ng/ul

RT: 17.285 min Scan# 3123

Delta R.T. -0.005 min

Lab File: BN030206.D

Acq: 03 Mar 2024 07:22

Instrument :

BNA_N

ClientSampleId :

SSTD0.4353

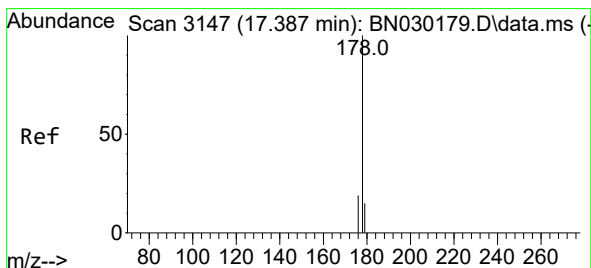
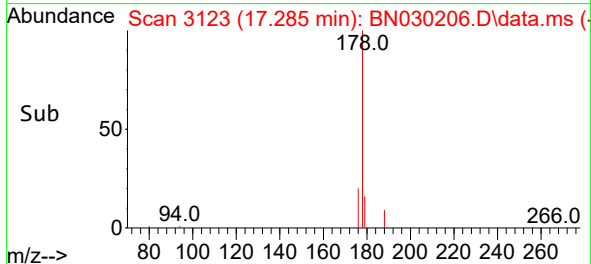
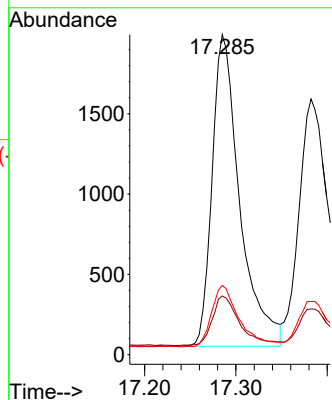
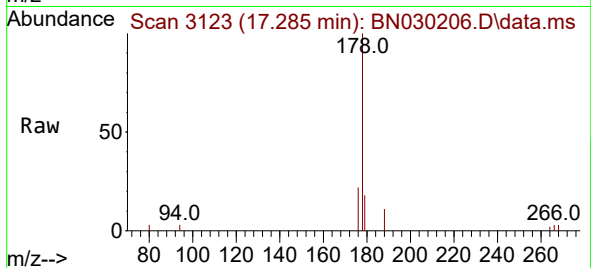
Tgt Ion:178 Resp: 4069

Ion Ratio Lower Upper

178 100

179 18.4 13.8 20.8

176 21.6 16.6 25.0



#16

Anthracene

Concen: 0.442 ng/ul

RT: 17.382 min Scan# 3146

Delta R.T. -0.005 min

Lab File: BN030206.D

Acq: 03 Mar 2024 07:22

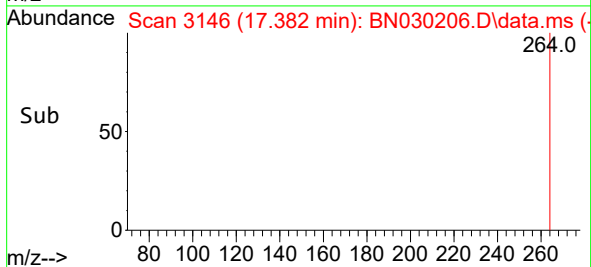
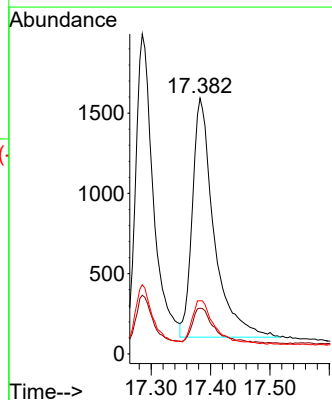
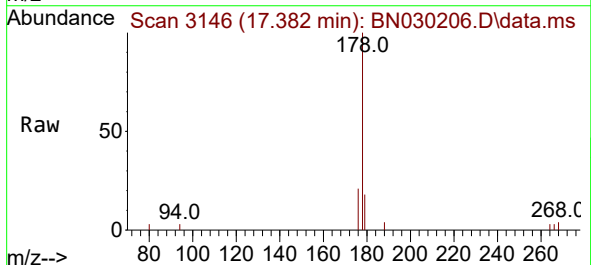
Tgt Ion:178 Resp: 3763

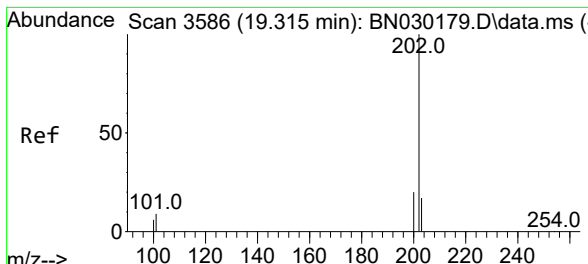
Ion Ratio Lower Upper

178 100

179 17.9 14.8 22.2

176 20.8 17.8 26.6

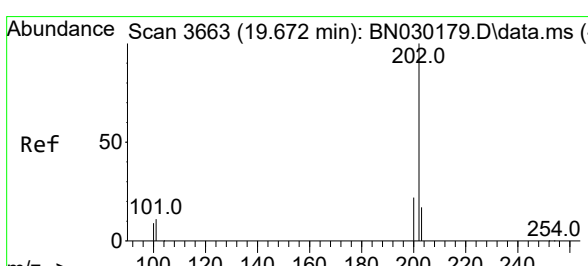
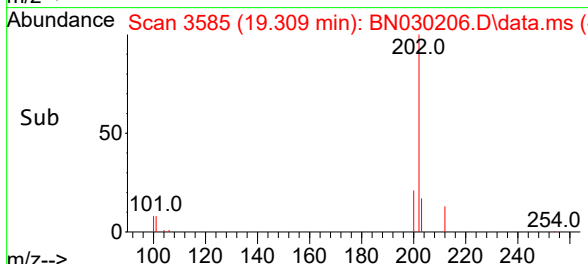
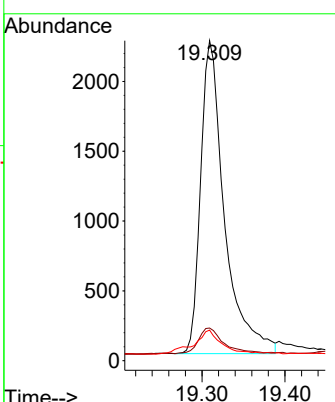
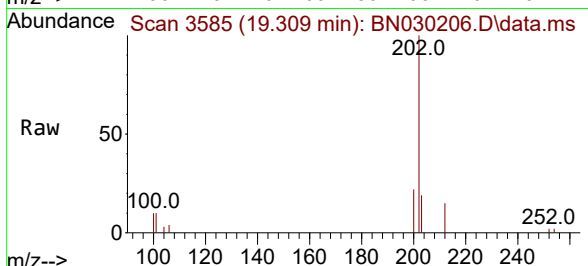




#19
 Fluoranthene
 Concen: 0.444 ng/ul
 RT: 19.309 min Scan# 3585
 Delta R.T. -0.005 min
 Lab File: BN030206.D
 Acq: 03 Mar 2024 07:22

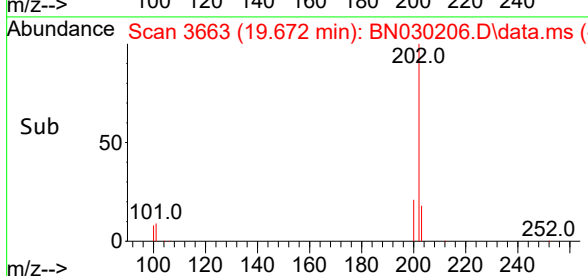
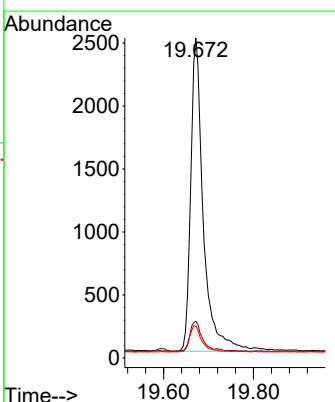
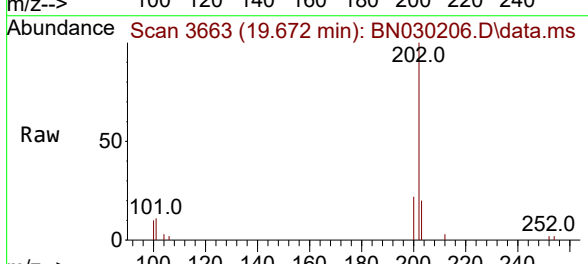
Instrument :
 BNA_N
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 SST00.4353

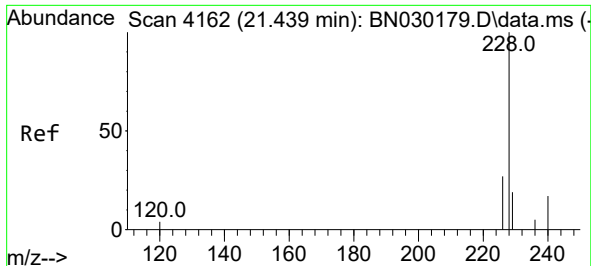
Tgt Ion:	202	Resp:	4480
Ion Ratio	Lower	Upper	
202	100		
101	10.2	8.8	13.2
100	9.6	7.4	11.2



#20
 Pyrene
 Concen: 0.444 ng/ul
 RT: 19.672 min Scan# 3663
 Delta R.T. -0.001 min
 Lab File: BN030206.D
 Acq: 03 Mar 2024 07:22

Tgt Ion:	202	Resp:	4875
Ion Ratio	Lower	Upper	
202	100		
101	11.5	10.6	15.8
100	9.9	8.8	13.2

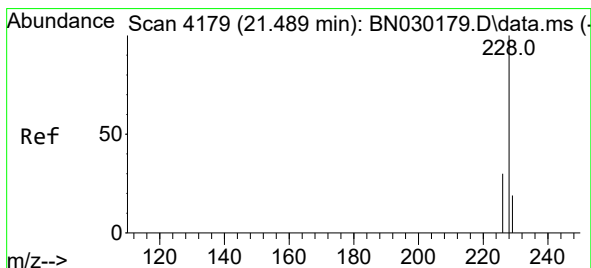
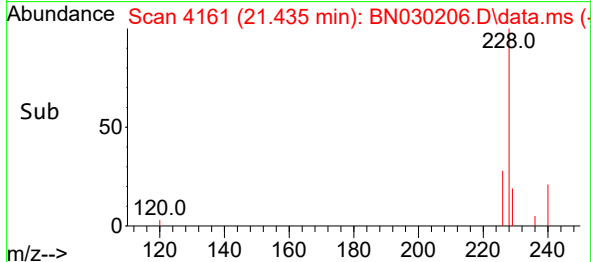
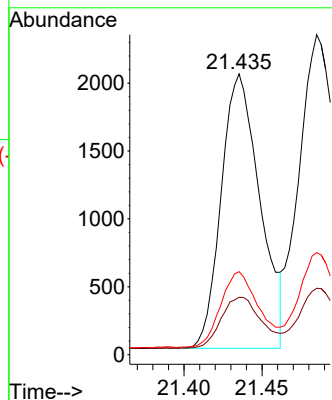
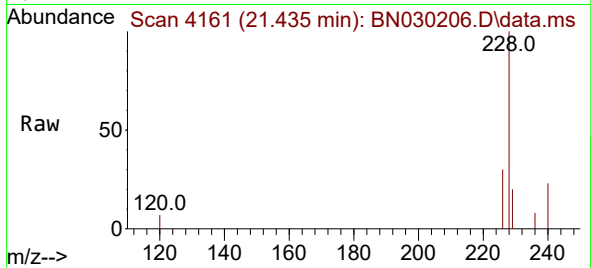




#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.435 min Scan# 4162
Delta R.T. -0.004 min
Lab File: BN030206.D
Acq: 03 Mar 2024 07:22

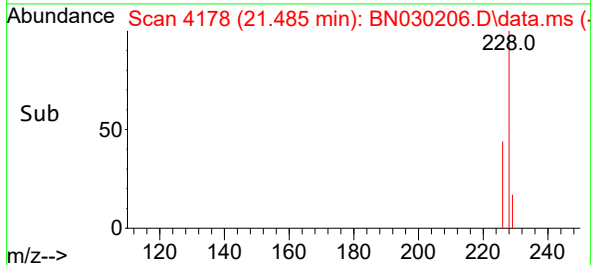
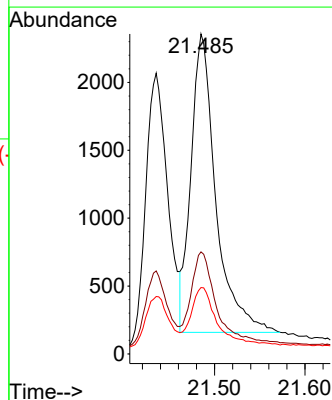
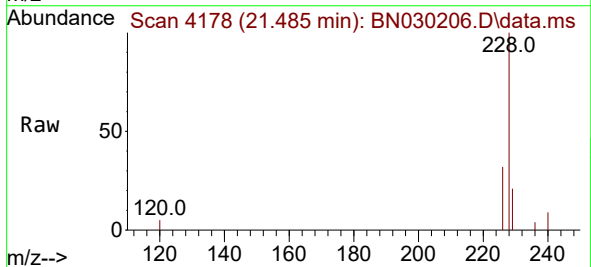
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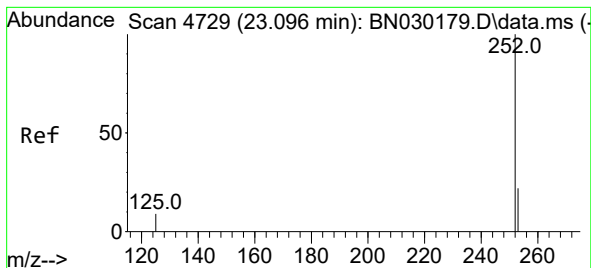
Tgt Ion:228 Resp: 3495
Ion Ratio Lower Upper
228 100
229 20.5 16.6 24.8
226 29.6 23.7 35.5



#22
Chrysene
Concen: 0.435 ng/ul
RT: 21.485 min Scan# 4178
Delta R.T. -0.004 min
Lab File: BN030206.D
Acq: 03 Mar 2024 07:22

Tgt Ion:228 Resp: 4203
Ion Ratio Lower Upper
228 100
226 31.9 24.6 37.0
229 20.7 16.6 24.8





#24

Benzo(b)fluoranthene

Concen: 0.416 ng/ul

RT: 23.090 min Scan# 4727

Delta R.T. -0.007 min

Lab File: BN030206.D

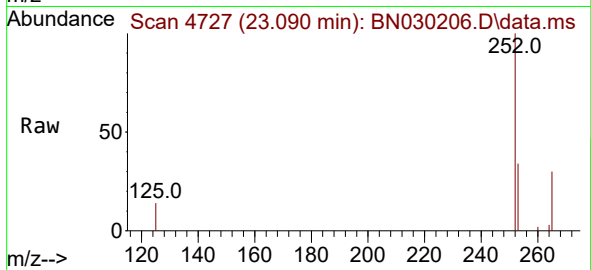
Acq: 03 Mar 2024 07:22

Instrument :

BNA_N

ClientSampleId :

SSTD0.4353



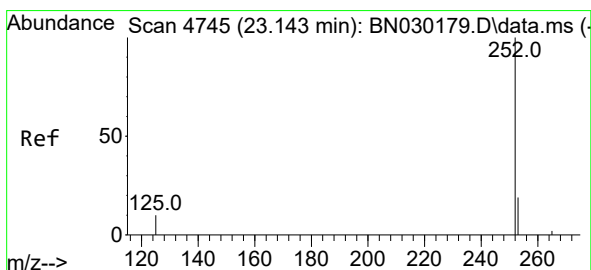
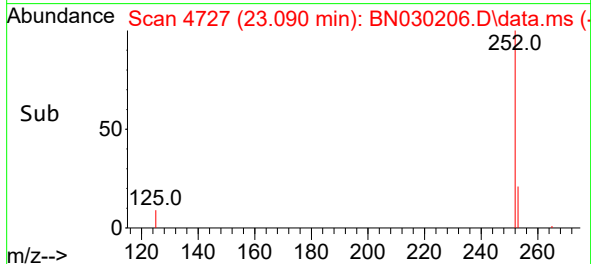
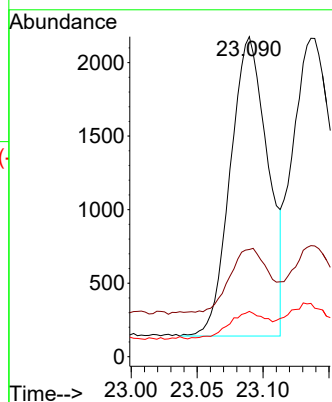
Tgt Ion:252 Resp: 4020

Ion Ratio Lower Upper

252 100

253 33.5 0.0 69.4

125 14.2 0.0 32.8



#25

Benzo(k)fluoranthene

Concen: 0.429 ng/ul

RT: 23.136 min Scan# 4743

Delta R.T. -0.007 min

Lab File: BN030206.D

Acq: 03 Mar 2024 07:22

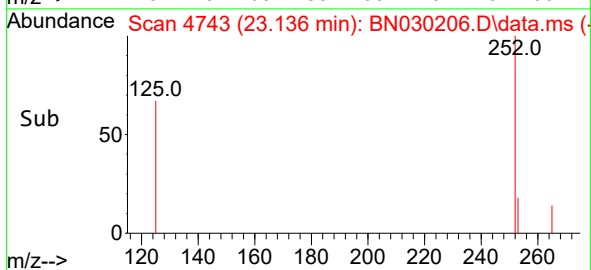
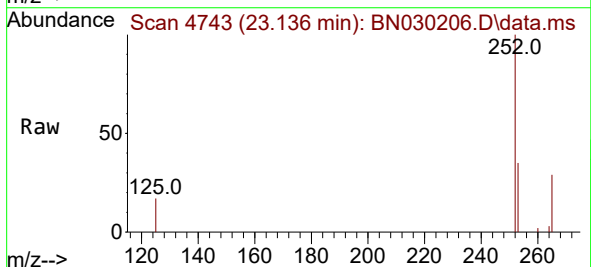
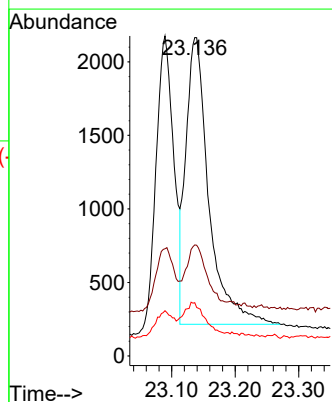
Tgt Ion:252 Resp: 4896

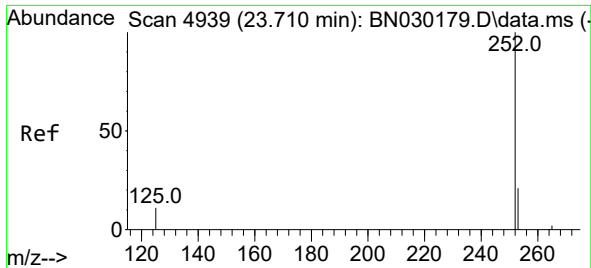
Ion Ratio Lower Upper

252 100

253 34.9 28.0 42.0

125 16.8 14.4 21.6

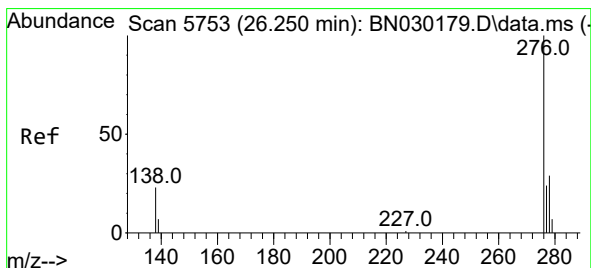
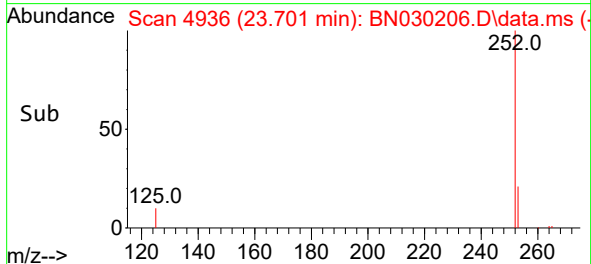
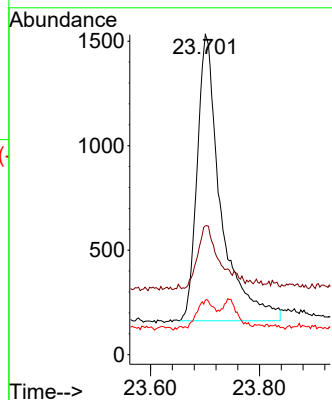
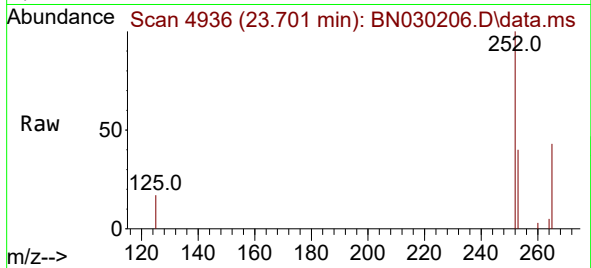




#26
Benzo(a)pyrene
Concen: 0.419 ng/ul
RT: 23.701 min Scan# 4936
Delta R.T. -0.010 min
Lab File: BN030206.D
Acq: 03 Mar 2024 07:22

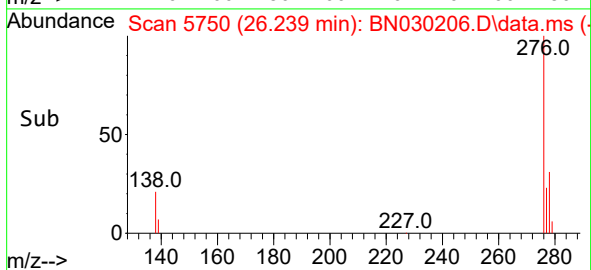
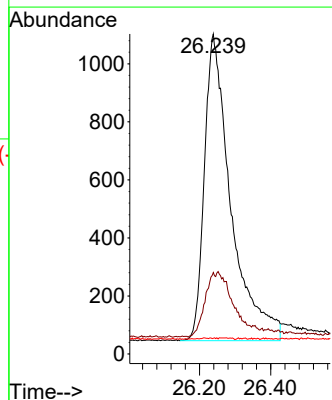
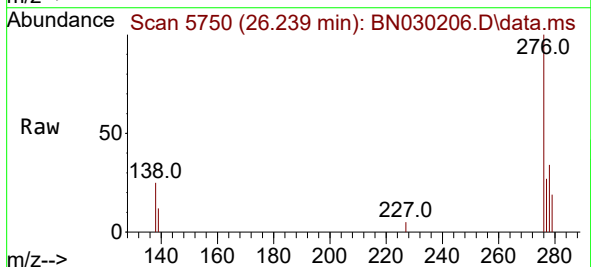
Instrument :
BNA_N
ClientSampleId :
SSTD0.4353

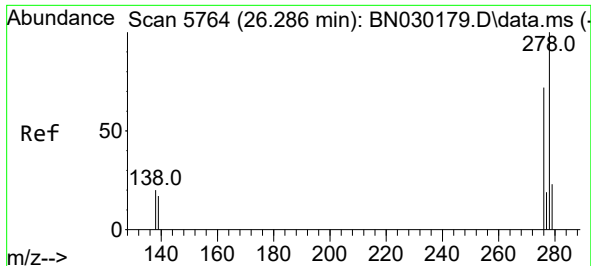
Tgt Ion:252	Resp:	4129
Ion Ratio	Lower	Upper
252	100	
253	40.2	33.0 49.4
125	17.0	16.9 25.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 26.239 min Scan# 5750
Delta R.T. -0.011 min
Lab File: BN030206.D
Acq: 03 Mar 2024 07:22

Tgt Ion:276	Resp:	5461
Ion Ratio	Lower	Upper
276	100	
138	0.0	20.9 31.3#
227	0.1	0.1 0.1#

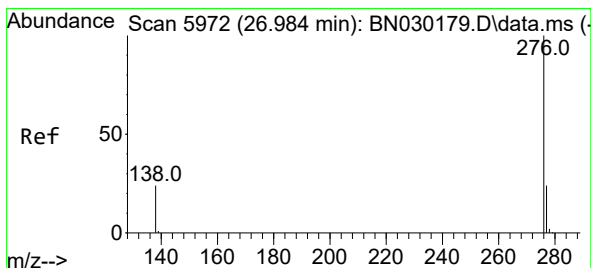
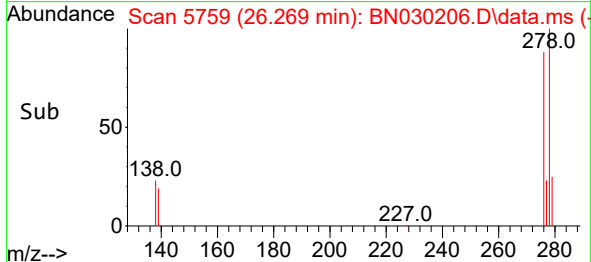
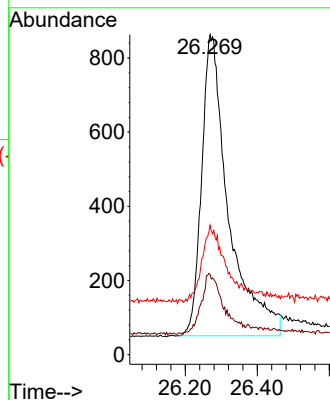
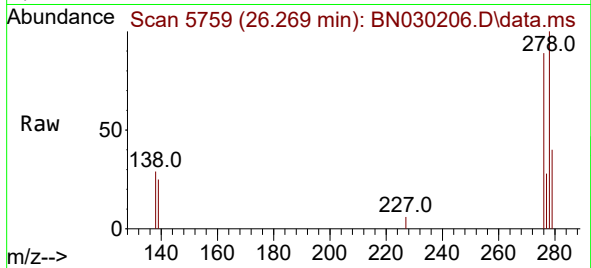




#28
Dibenzo(a,h)anthracene
Concen: 0.433 ng/ul
RT: 26.269 min Scan# 5759
Delta R.T. -0.018 min
Lab File: BN030206.D
Acq: 03 Mar 2024 07:22

Instrument :
BNA_N
ClientSampleId :
SSTD0.4353

Tgt Ion:278 Resp: 4215
Ion Ratio Lower Upper
278 100
139 25.0 18.9 28.3
279 40.4 31.8 47.6



#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 26.980 min Scan# 5971
Delta R.T. -0.004 min
Lab File: BN030206.D
Acq: 03 Mar 2024 07:22

Tgt Ion:276 Resp: 4917
Ion Ratio Lower Upper
276 100
138 24.7 22.6 33.8
277 27.9 21.9 32.9

