

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026541.D
 Acq On : 17 Jul 2023 17:46
 Operator : MA/JU
 Sample : PB153870BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS870

Quant Time: Jul 18 03:05:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 17:14:21 2023
 Response via : Initial Calibration

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

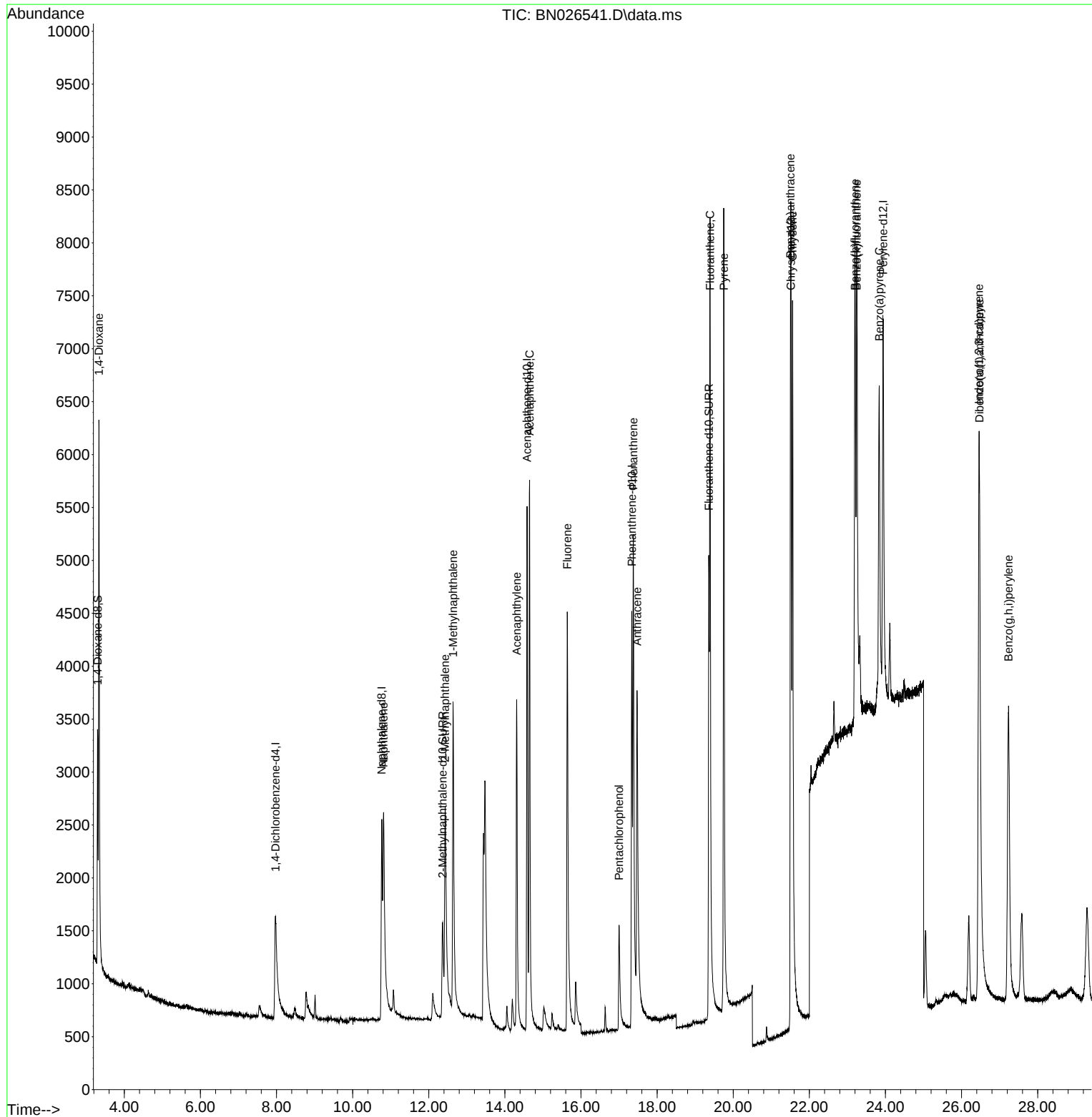
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	1501	0.400	ng/ul	0.02
4) Naphthalene-d8	10.763	136	5092	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	3388	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	6860	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	5961	0.400	ng/ul	# 0.00
23) Perylene-d12	23.939	264	6013	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	1535	0.776	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.364	152	2193	0.317	ng/ul	0.02
18) Fluoranthene-d10	19.358	212	6880	0.333	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	3877	2.073	ng/ul	90
5) Naphthalene	10.813	128	4213	0.301	ng/ul#	93
7) 2-Methylnaphthalene	12.430	142	2426	0.306	ng/ul	99
8) 1-Methylnaphthalene	12.639	142	2835	0.334	ng/ul	100
10) Acenaphthylene	14.311	152	4959	0.299	ng/ul	98
11) Acenaphthene	14.648	153	3813	0.302	ng/ul	97
12) Fluorene	15.643	166	4194	0.316	ng/ul	98
14) Pentachlorophenol	17.000	266	1097	0.634	ng/ul	99
15) Phenanthrene	17.376	178	6490	0.297	ng/ul	99
16) Anthracene	17.473	178	5748	0.303	ng/ul	99
19) Fluoranthene	19.390	202	8525	0.305	ng/ul#	95
20) Pyrene	19.753	202	9206	0.303	ng/ul#	95
21) Benzo(a)anthracene	21.505	228	6735	0.307	ng/ul	99
22) Chrysene	21.560	228	7924	0.318	ng/ul	99
24) Benzo(b)fluoranthene	23.200	252	7284	0.311	ng/ul	95
25) Benzo(k)fluoranthene	23.247	252	7822	0.319	ng/ul#	96
26) Benzo(a)pyrene	23.837	252	6679	0.320	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.456	276	9465	0.346	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.469	278	7498	0.357	ng/ul#	90
29) Benzo(g,h,i)perylene	27.234	276	8237	0.341	ng/ul#	89

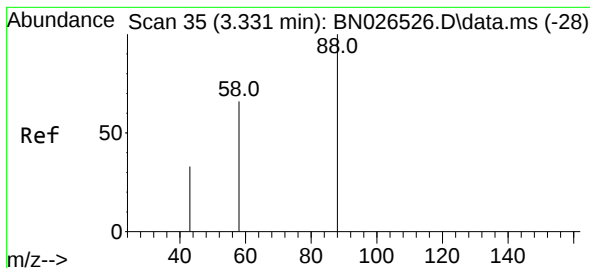
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 18 03:05:30 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
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#2

1,4-Dioxane

Concen: 2.073 ng/ul

RT: 3.331 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN026541.D

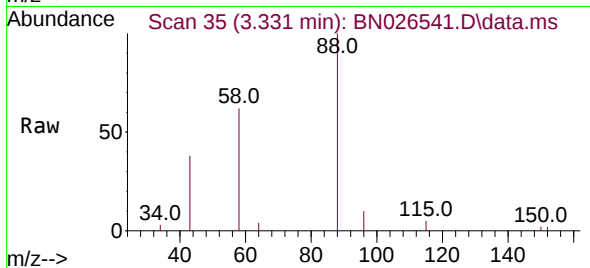
Acq: 17 Jul 2023 17:46

Instrument :

BNA_N

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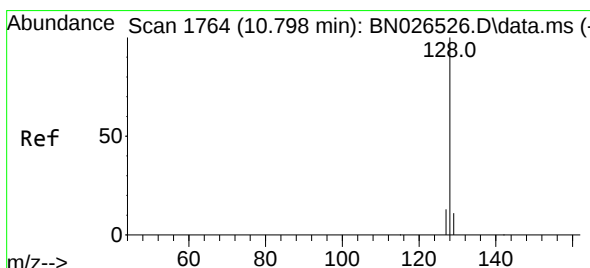
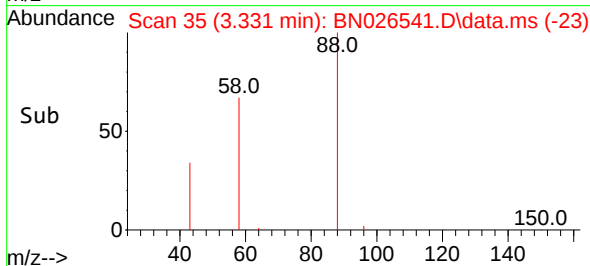
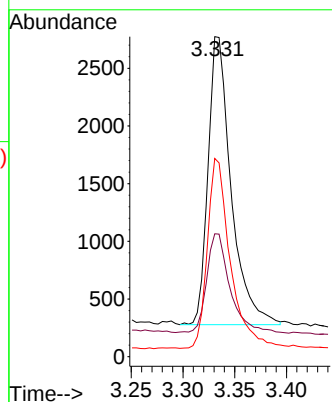
Tgt Ion: 88 Resp: 3877

Ion Ratio Lower Upper

88 100

43 38.4 33.0 49.6

58 61.9 41.7 62.5



#5

Naphthalene

Concen: 0.301 ng/ul

RT: 10.813 min Scan# 1767

Delta R.T. 0.015 min

Lab File: BN026541.D

Acq: 17 Jul 2023 17:46

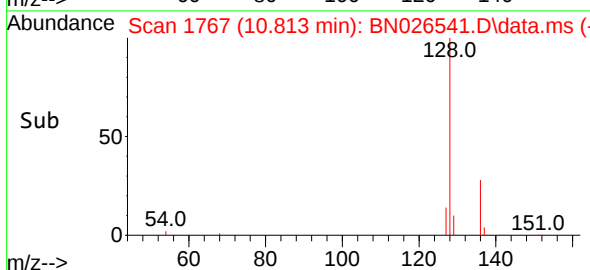
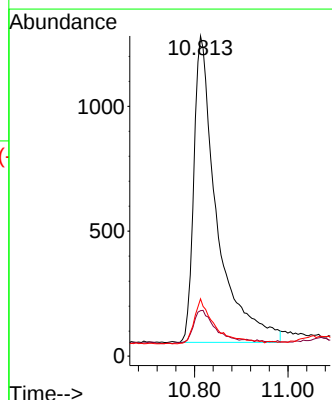
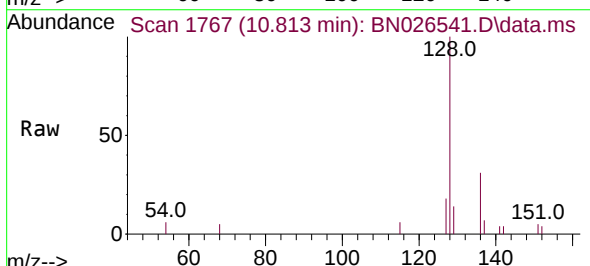
Tgt Ion:128 Resp: 4213

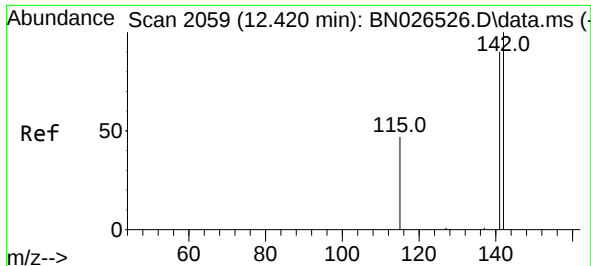
Ion Ratio Lower Upper

128 100

129 14.2 10.2 15.2

127 17.9 11.4 17.0#

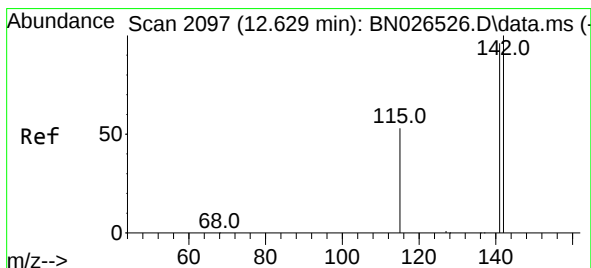
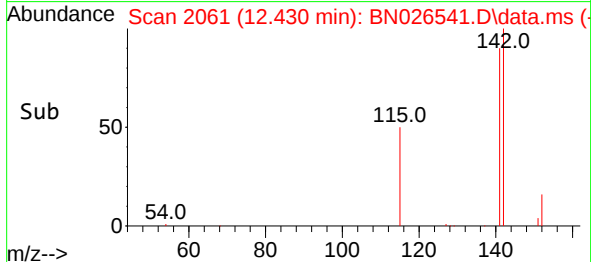
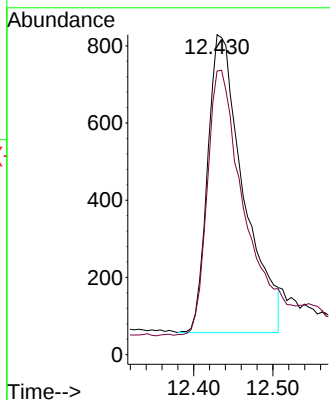
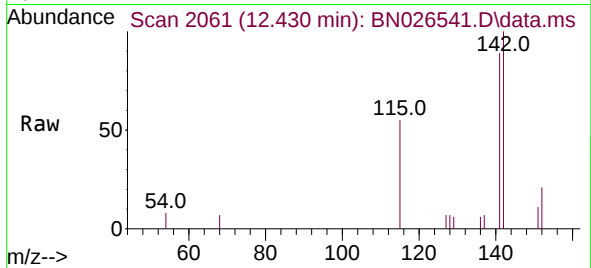




#7
2-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.430 min Scan# 2061
Delta R.T. 0.010 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

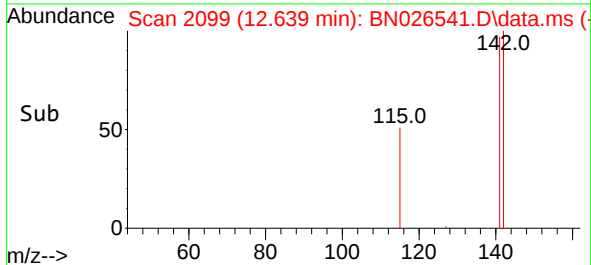
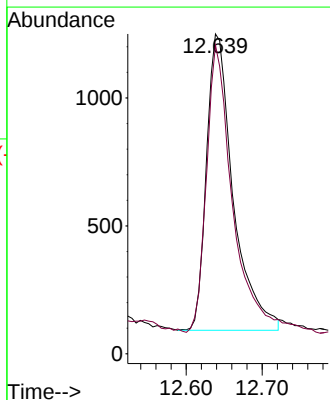
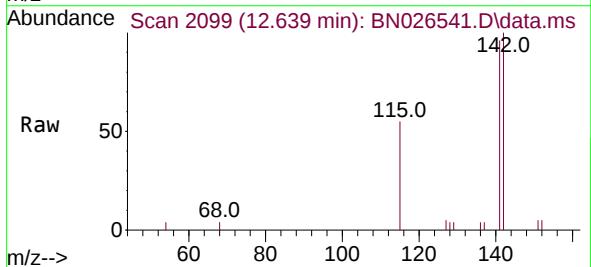
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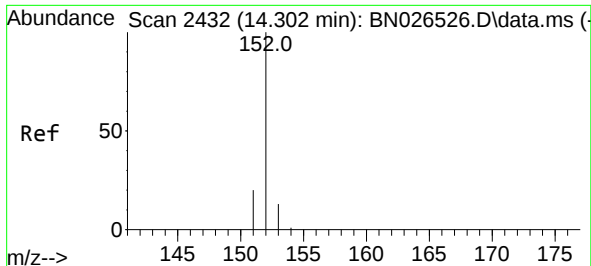
Tgt Ion:142 Resp: 2426
Ion Ratio Lower Upper
142 100
141 89.3 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.639 min Scan# 2099
Delta R.T. 0.010 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

Tgt Ion:142 Resp: 2835
Ion Ratio Lower Upper
142 100
141 93.3 74.5 111.7

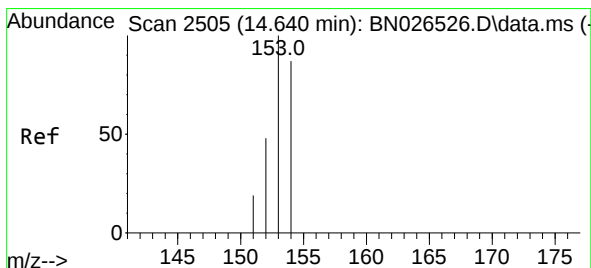
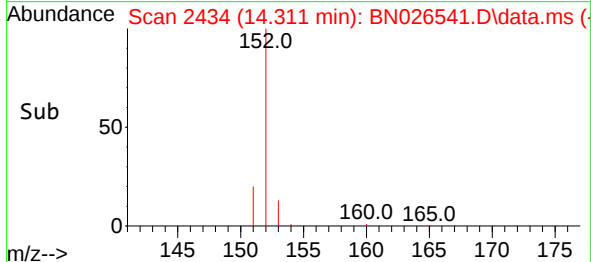
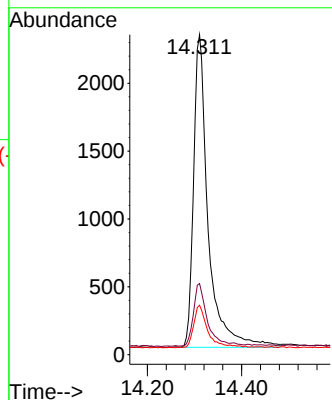
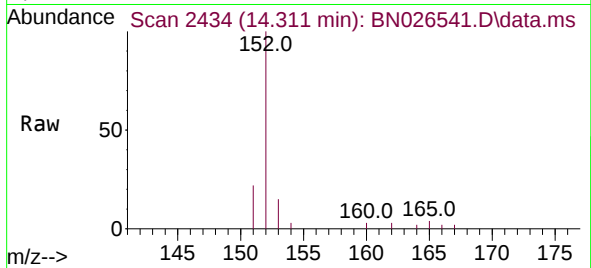




#10
Acenaphthylene
Concen: 0.299 ng/ul
RT: 14.311 min Scan# 2432
Delta R.T. 0.009 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

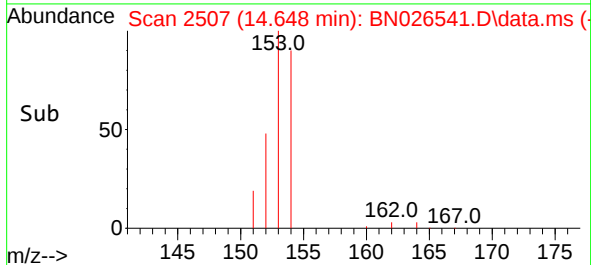
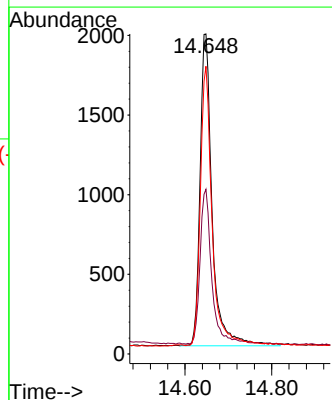
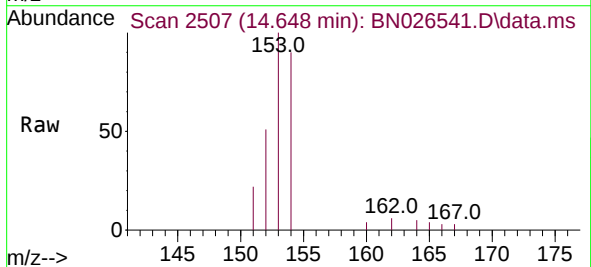
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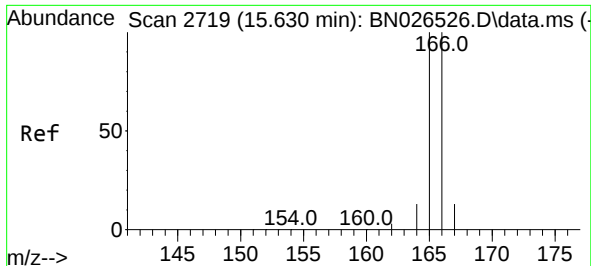
Tgt Ion:152 Resp: 4959
Ion Ratio Lower Upper
152 100
151 22.3 17.0 25.6
153 15.4 11.4 17.2



#11
Acenaphthene
Concen: 0.302 ng/ul
RT: 14.648 min Scan# 2507
Delta R.T. 0.009 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

Tgt Ion:153 Resp: 3813
Ion Ratio Lower Upper
153 100
152 51.5 40.2 60.4
154 89.9 69.3 103.9

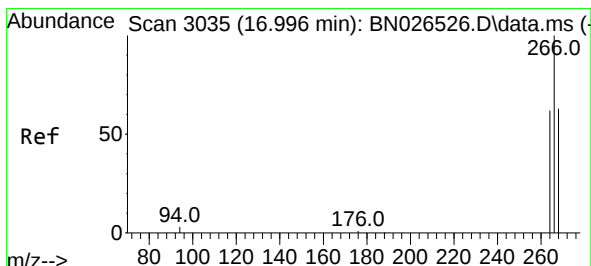
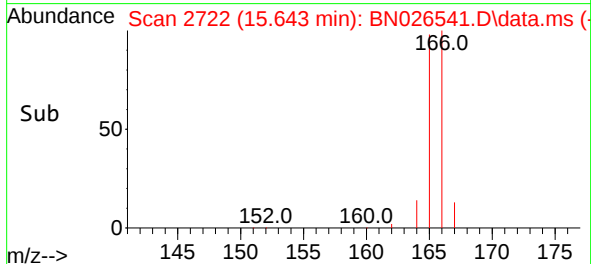
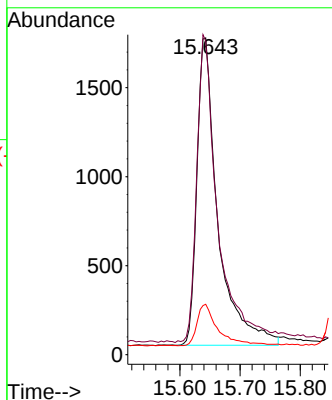
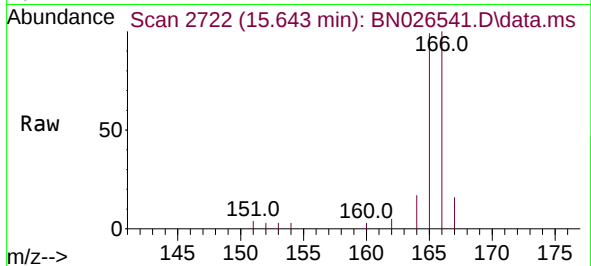




#12
 Fluorene
 Concen: 0.316 ng/ul
 RT: 15.643 min Scan# 2719
 Delta R.T. 0.013 min
 Lab File: BN026541.D
 Acq: 17 Jul 2023 17:46

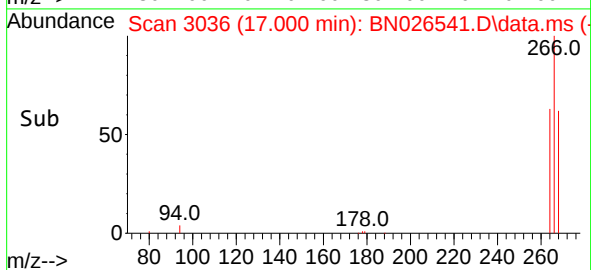
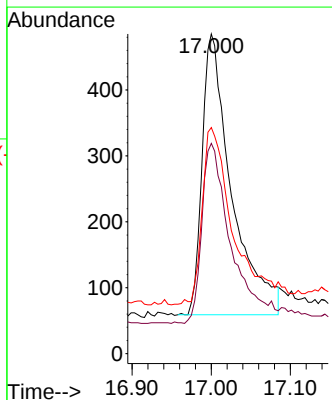
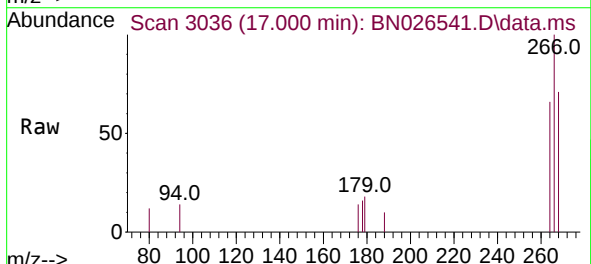
Instrument :
 BNA_N
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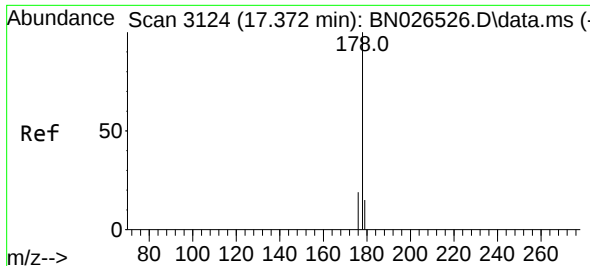
Tgt Ion:166	Resp:	4194
Ion Ratio	Lower	Upper
166	100	
165	99.0	80.6 120.8
167	15.9	12.0 18.0



#14
 Pentachlorophenol
 Concen: 0.634 ng/ul
 RT: 17.000 min Scan# 3036
 Delta R.T. 0.004 min
 Lab File: BN026541.D
 Acq: 17 Jul 2023 17:46

Tgt Ion:266	Resp:	1097
Ion Ratio	Lower	Upper
266	100	
264	64.4	52.0 78.0
268	65.5	53.0 79.6

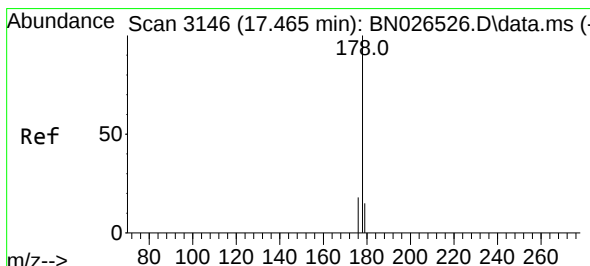
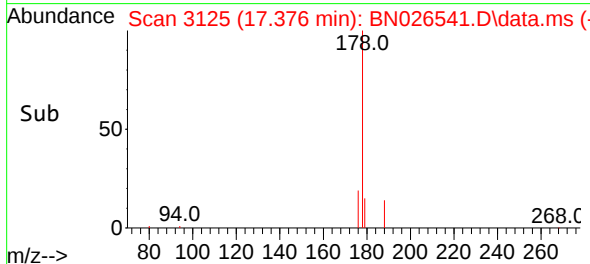
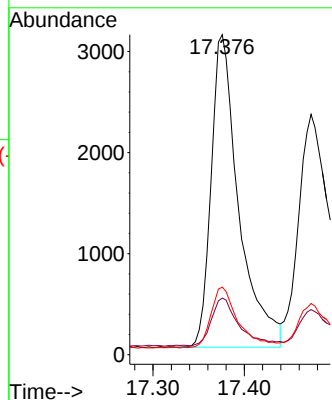
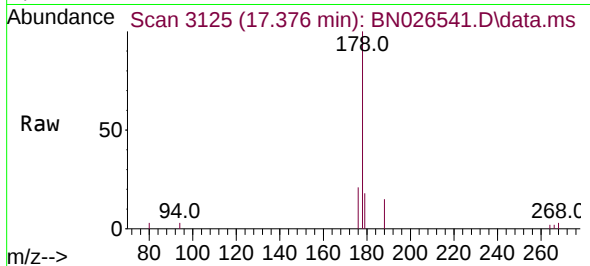




#15
Phenanthrene
Concen: 0.297 ng/u1
RT: 17.376 min Scan# 3124
Delta R.T. 0.004 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

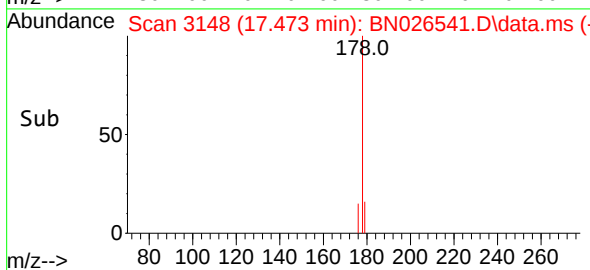
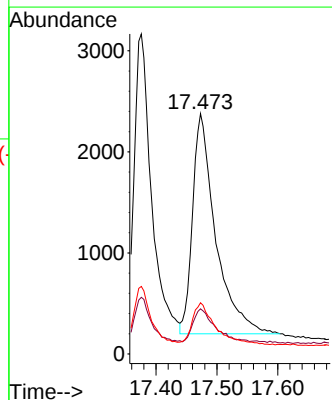
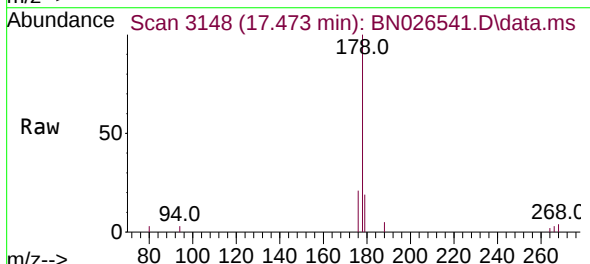
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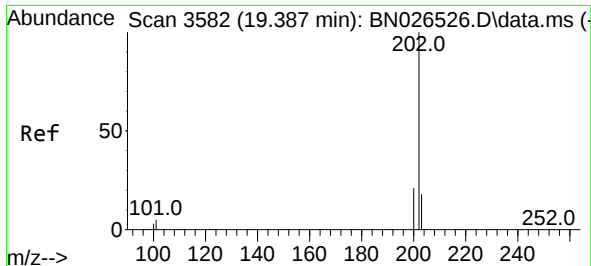
Tgt Ion:178 Resp: 6490
Ion Ratio Lower Upper
178 100
179 17.7 13.7 20.5
176 21.1 16.5 24.7



#16
Anthracene
Concen: 0.303 ng/u1
RT: 17.473 min Scan# 3148
Delta R.T. 0.008 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

Tgt Ion:178 Resp: 5748
Ion Ratio Lower Upper
178 100
179 18.7 14.8 22.2
176 21.3 16.6 25.0

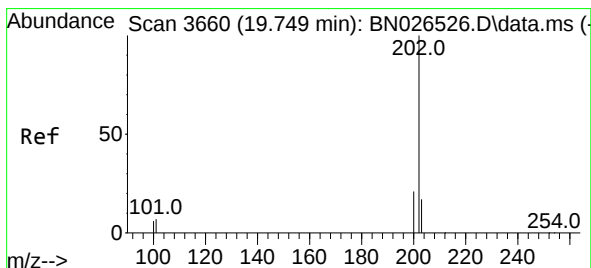
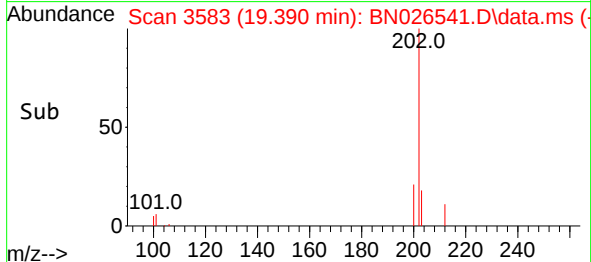
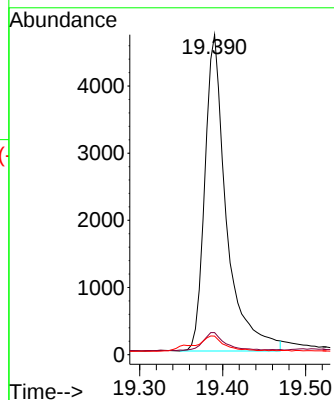
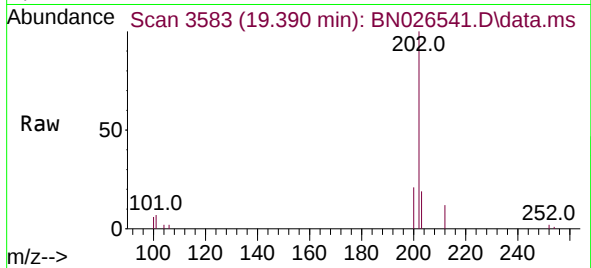




#19
Fluoranthene
Concen: 0.305 ng/ul
RT: 19.390 min Scan# 3583
Delta R.T. 0.004 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

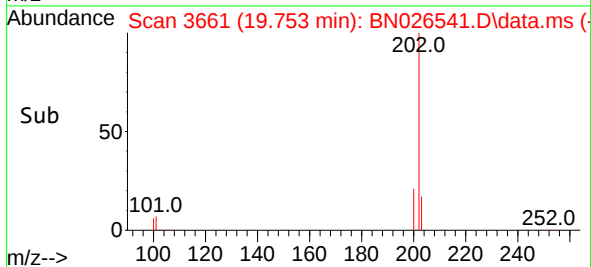
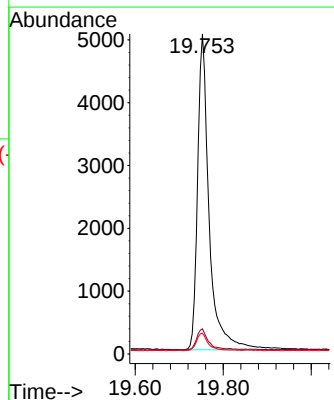
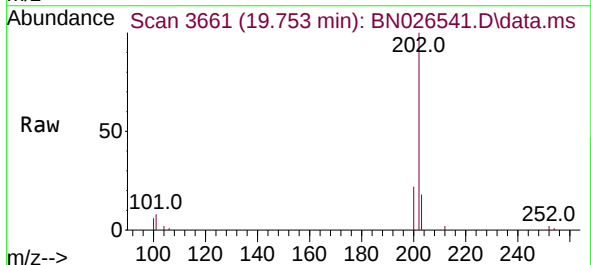
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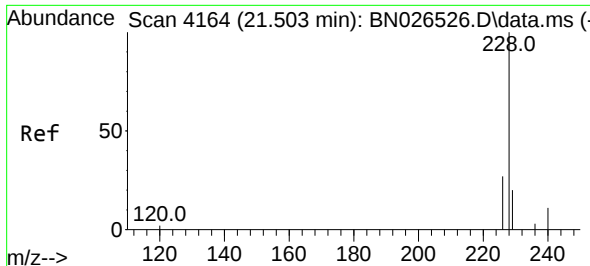
Tgt Ion:202 Resp: 8525
Ion Ratio Lower Upper
202 100
101 6.9 7.0 10.4#
100 5.8 6.0 9.0#



#20
Pyrene
Concen: 0.303 ng/ul
RT: 19.753 min Scan# 3661
Delta R.T. 0.004 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

Tgt Ion:202 Resp: 9206
Ion Ratio Lower Upper
202 100
101 7.9 8.0 12.0#
100 6.5 6.2 9.2

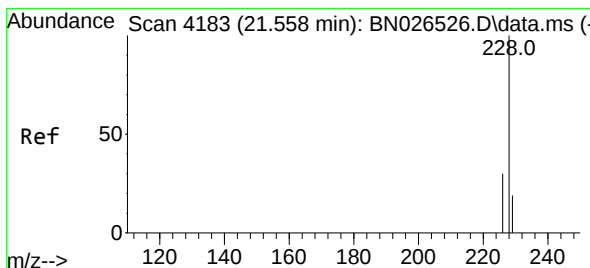
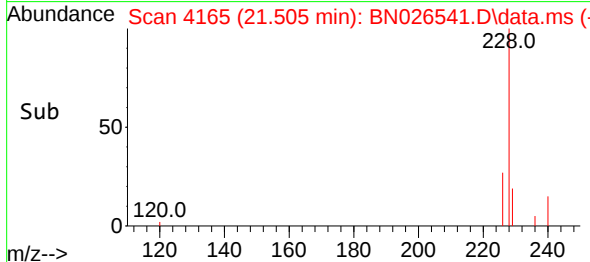
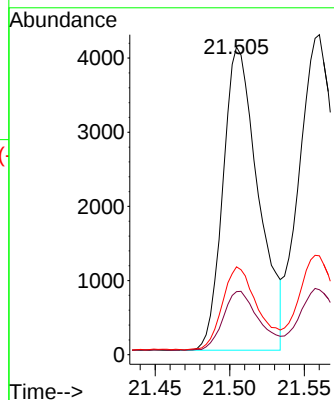
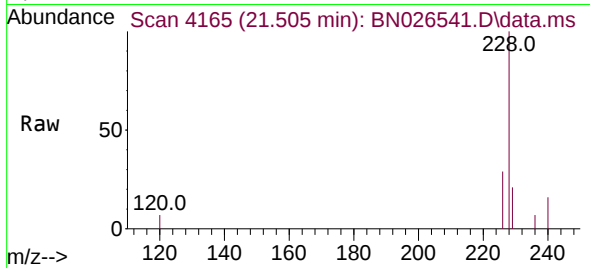




#21
Benzo(a)anthracene
Concen: 0.307 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. 0.002 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

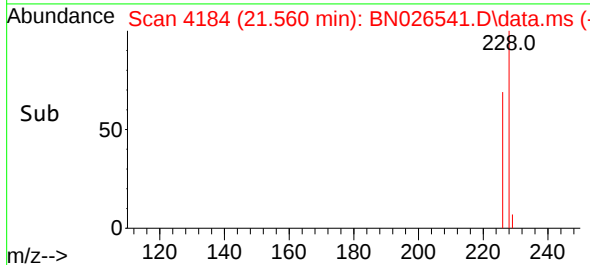
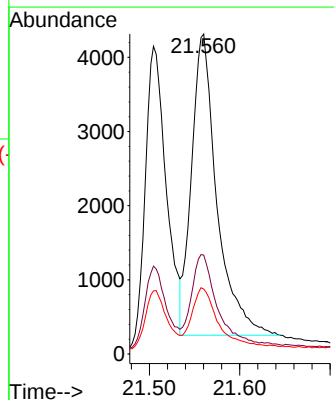
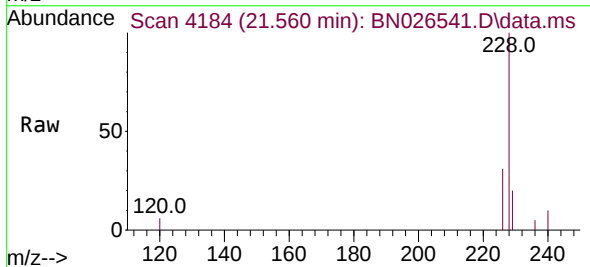
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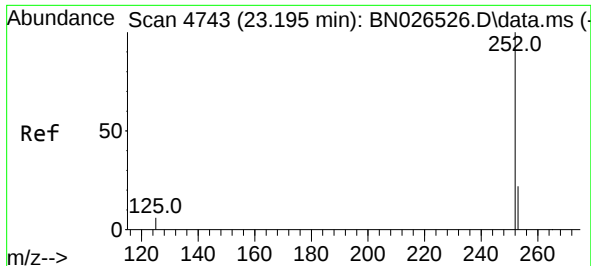
Tgt Ion:228 Resp: 6735
Ion Ratio Lower Upper
228 100
229 20.5 16.7 25.1
226 28.6 23.5 35.3



#22
Chrysene
Concen: 0.318 ng/ul
RT: 21.560 min Scan# 4184
Delta R.T. 0.002 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

Tgt Ion:228 Resp: 7924
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 20.3 16.4 24.6

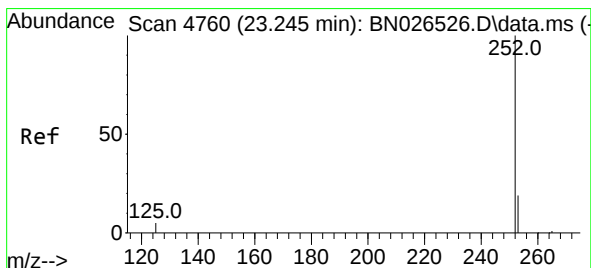
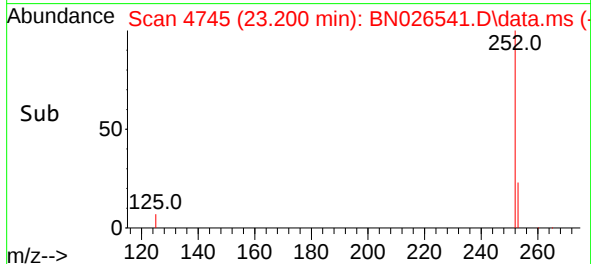
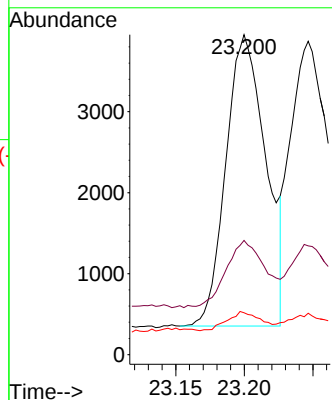
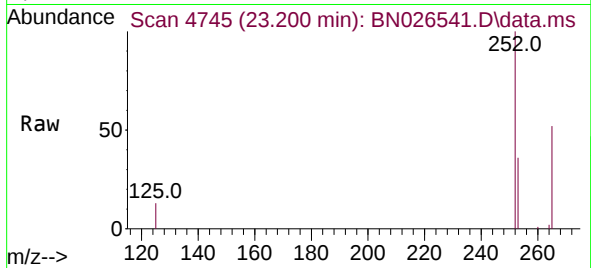




#24
Benzo(b)fluoranthene
Concen: 0.311 ng/ul
RT: 23.200 min Scan# 4745
Delta R.T. 0.005 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

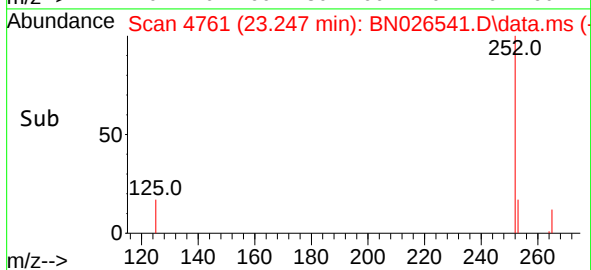
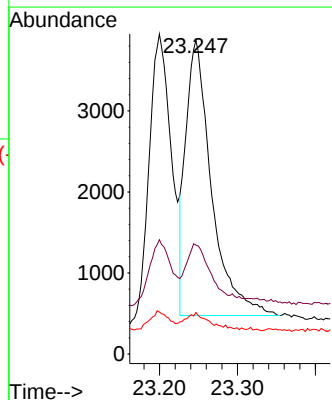
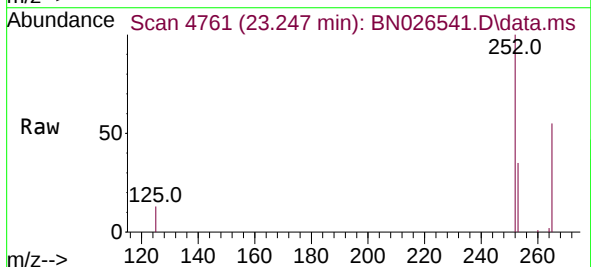
Instrument :
BNA_N
ClientSampleId :
SLCS870

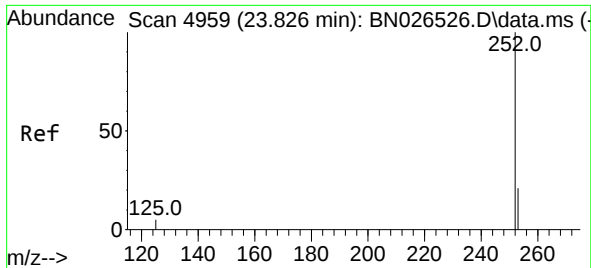
Tgt Ion:252 Resp: 7284
Ion Ratio Lower Upper
252 100
253 35.7 0.0 68.6
125 13.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul
RT: 23.247 min Scan# 4761
Delta R.T. 0.002 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

Tgt Ion:252 Resp: 7822
Ion Ratio Lower Upper
252 100
253 34.7 27.2 40.8
125 13.2 13.4 20.2#

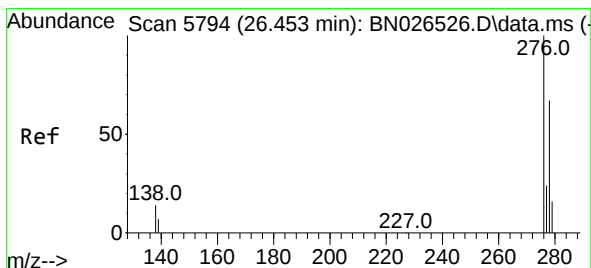
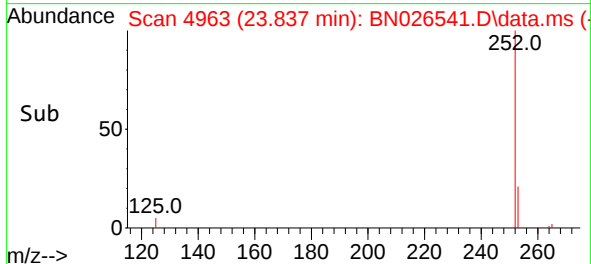
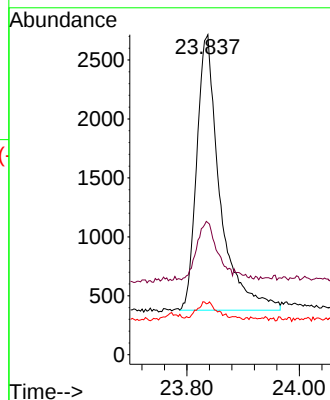
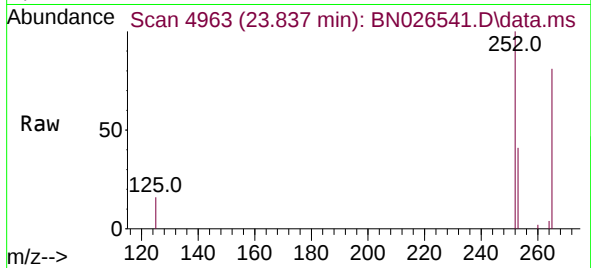




#26
Benzo(a)pyrene
Concen: 0.320 ng/ul
RT: 23.837 min Scan# 4959
Delta R.T. 0.011 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

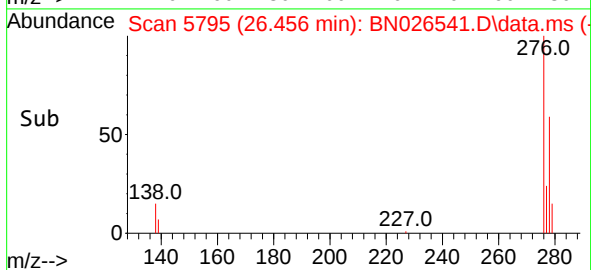
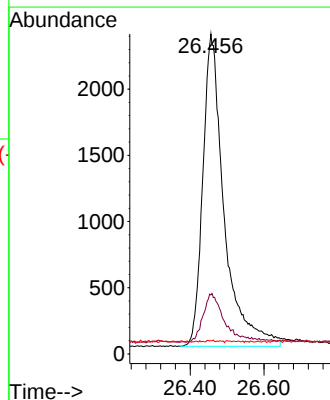
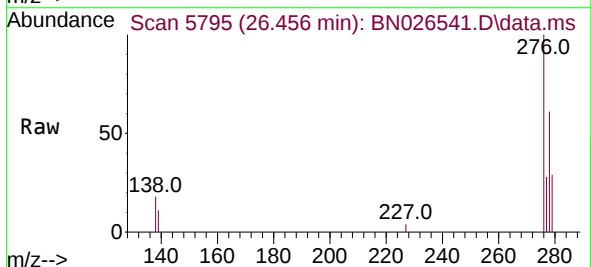
Instrument :
BNA_N
ClientSampleId :
SLCS870

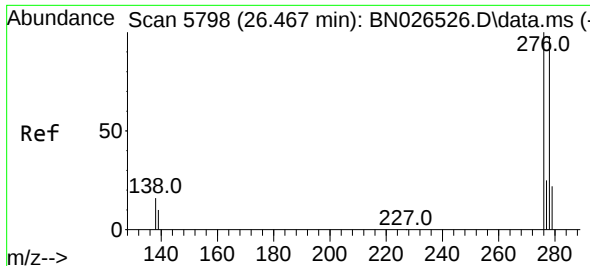
Tgt Ion:252 Resp: 6679
Ion Ratio Lower Upper
252 100
253 41.3 32.6 49.0
125 16.0 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng/ul
RT: 26.456 min Scan# 5795
Delta R.T. 0.002 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

Tgt Ion:276 Resp: 9465
Ion Ratio Lower Upper
276 100
138 16.2 22.2 33.4#
227 0.1 0.1 0.1#

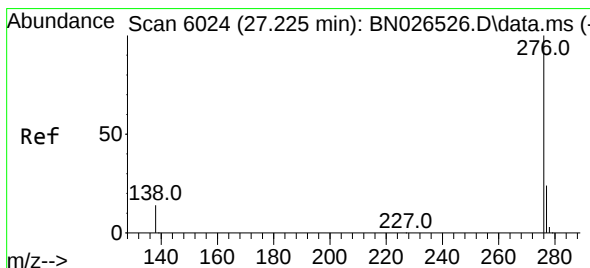
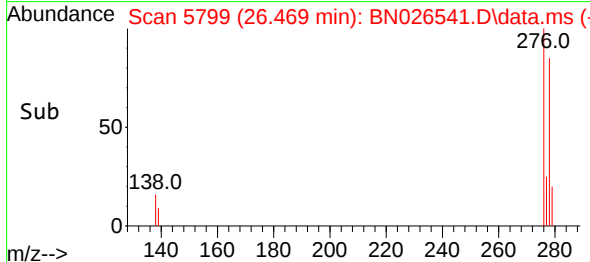
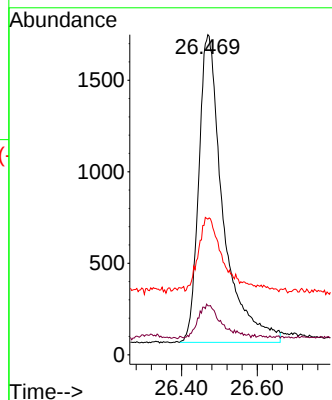
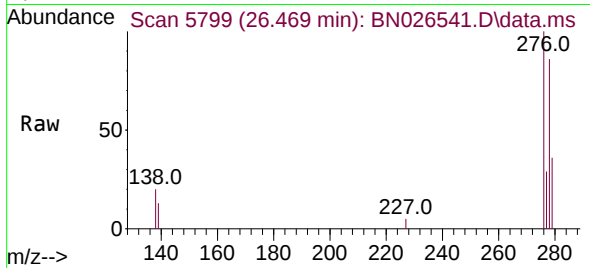




#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 26.469 min Scan# 51
Delta R.T. 0.002 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

Instrument :
BNA_N
ClientSampleId :
SLCS870

Tgt Ion:278 Resp: 7498
Ion Ratio Lower Upper
278 100
139 15.3 18.9 28.3#
279 42.4 31.3 46.9



#29
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 27.234 min Scan# 6027
Delta R.T. 0.009 min
Lab File: BN026541.D
Acq: 17 Jul 2023 17:46

Tgt Ion:276 Resp: 8237
Ion Ratio Lower Upper
276 100
138 17.9 22.6 34.0#
277 26.2 21.8 32.8

