

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026110.D
 Acq On : 30 Jun 2023 00:36
 Operator : MA/JU
 Sample : PB153628BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS628

Quant Time: Jun 30 01:50:15 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

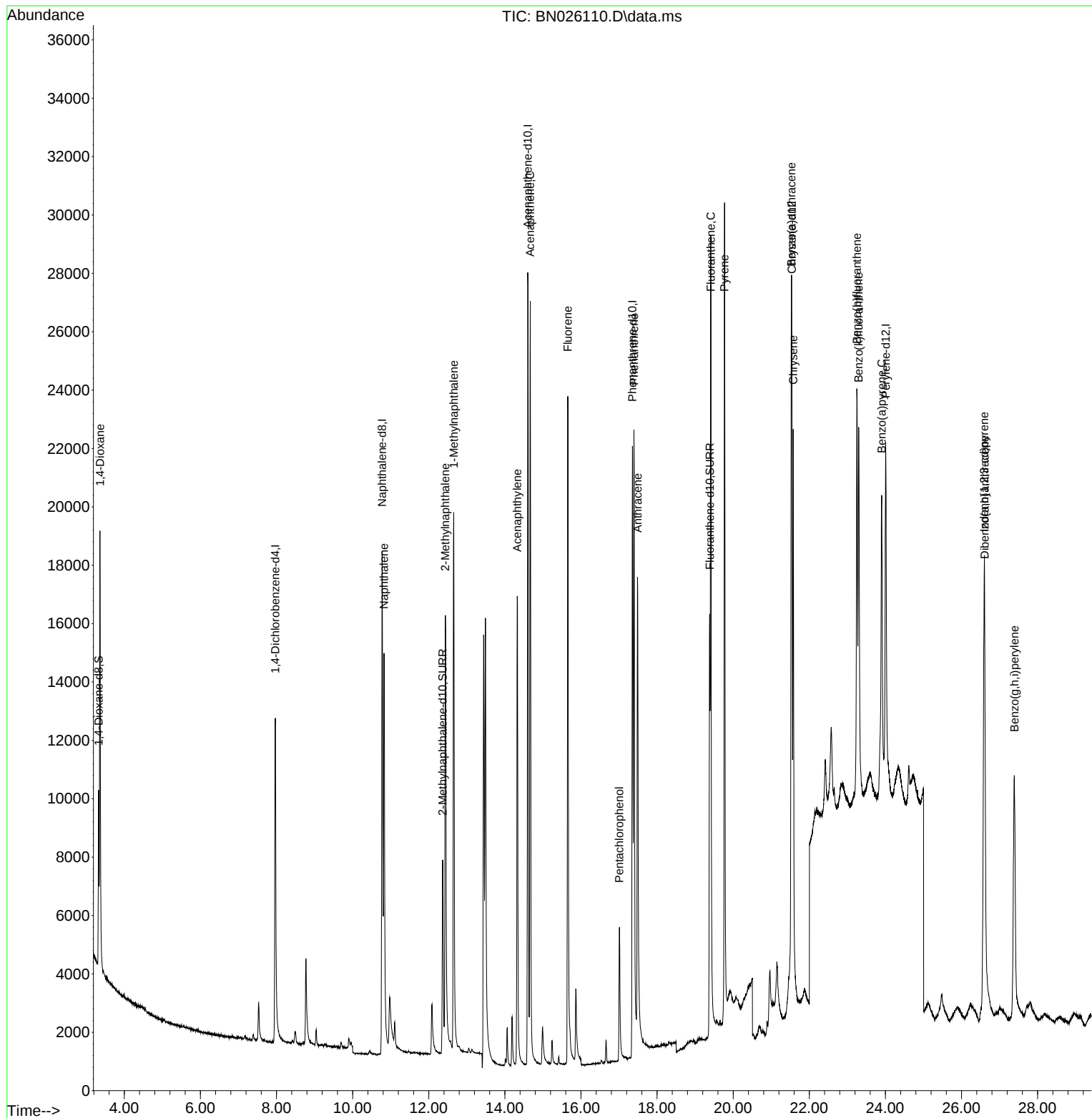
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	8104	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	28219	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	16567	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	29884	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	16690	0.400	ng/ul	# 0.00
23) Perylene-d12	24.008	264	17390	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	4157	0.455	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	11230	0.259	ng/ul	0.00
18) Fluoranthene-d10	19.382	212	18913	0.298	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	10872	1.122	ng/ul#	88
5) Naphthalene	10.825	128	22379	0.277	ng/ul	100
7) 2-Methylnaphthalene	12.436	142	13504	0.262	ng/ul	99
8) 1-Methylnaphthalene	12.656	142	14411	0.270	ng/ul	100
10) Acenaphthylene	14.325	152	22052	0.284	ng/ul	100
11) Acenaphthene	14.667	153	16753	0.264	ng/ul	98
12) Fluorene	15.653	166	17855	0.245	ng/ul	99
14) Pentachlorophenol	17.009	266	3984	0.372	ng/ul	99
15) Phenanthrene	17.393	178	25410	0.257	ng/ul	99
16) Anthracene	17.486	178	23381	0.266	ng/ul	97
19) Fluoranthene	19.410	202	26558	0.298	ng/ul	100
20) Pyrene	19.772	202	27829	0.300	ng/ul	99
21) Benzo(a)anthracene	21.526	228	19305	0.280	ng/ul#	93
22) Chrysene	21.579	228	19509	0.272	ng/ul#	94
24) Benzo(b)fluoranthene	23.250	252	19837	0.267	ng/ul	85
25) Benzo(k)fluoranthene	23.297	252	20110	0.270	ng/ul#	87
26) Benzo(a)pyrene	23.902	252	18236	0.283	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.594	276	22934	0.326	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.608	278	17566	0.330	ng/ul	96
29) Benzo(g,h,i)perylene	27.389	276	19654	0.314	ng/ul	95

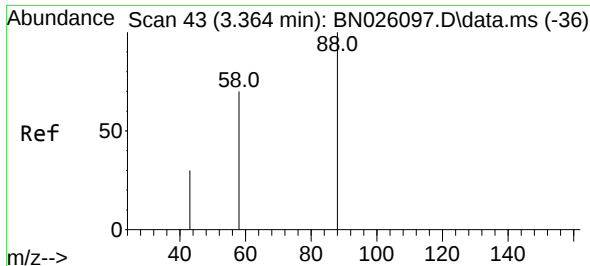
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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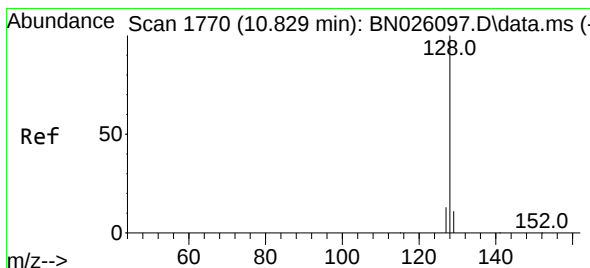
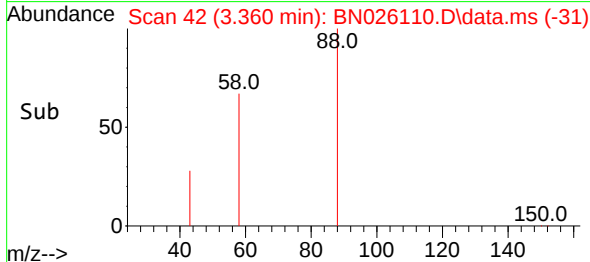
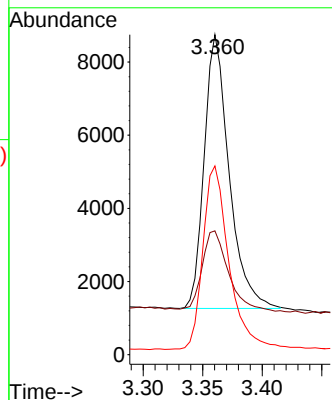
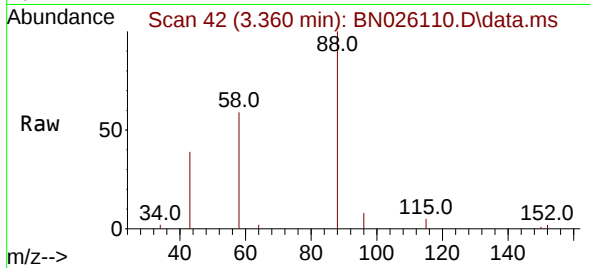




#2
1,4-Dioxane
Concen: 1.122 ng/ul
RT: 3.360 min Scan# 43
Delta R.T. -0.004 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

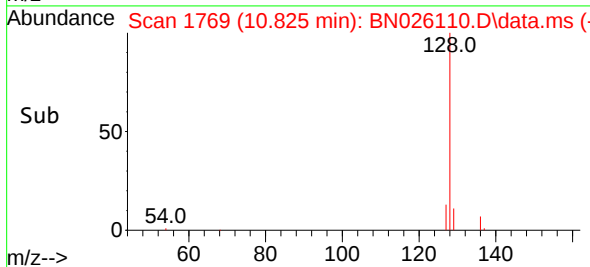
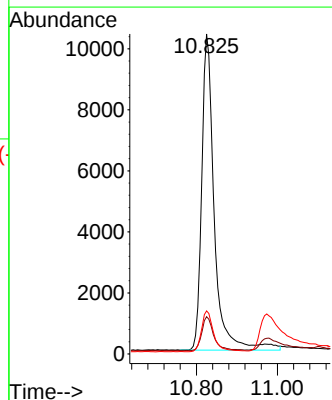
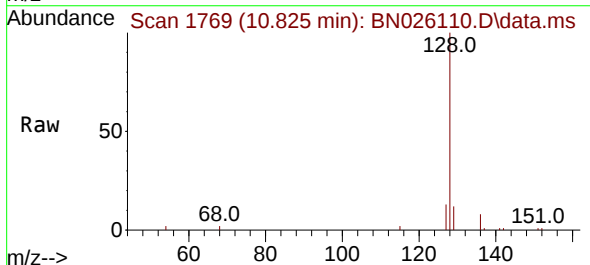
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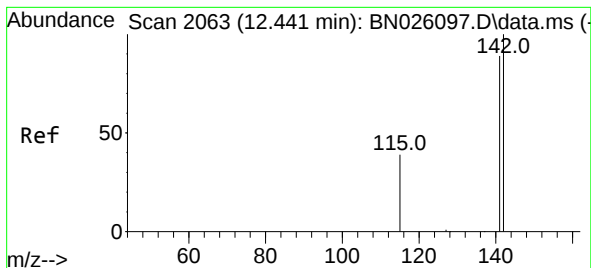
Tgt Ion: 88 Resp: 10872
Ion Ratio Lower Upper
88 100
43 38.7 29.5 44.3
58 59.0 37.4 56.2#



#5
Naphthalene
Concen: 0.277 ng/ul
RT: 10.825 min Scan# 1769
Delta R.T. -0.011 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

Tgt Ion: 128 Resp: 22379
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.4 10.7 16.1

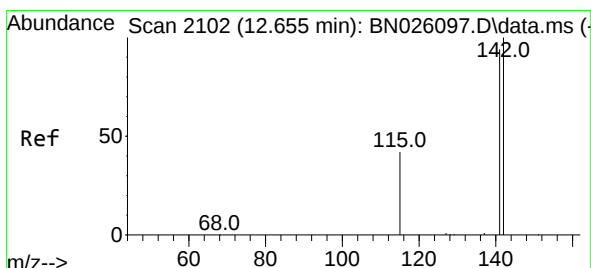
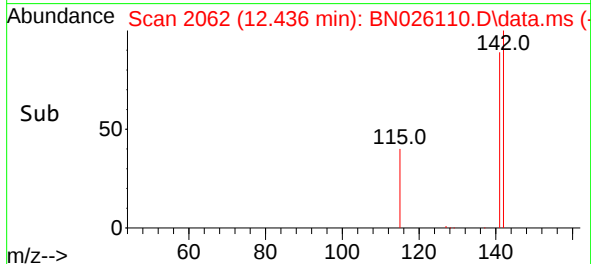
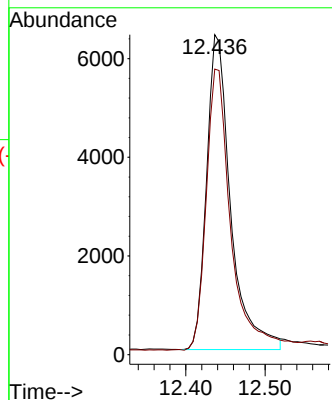
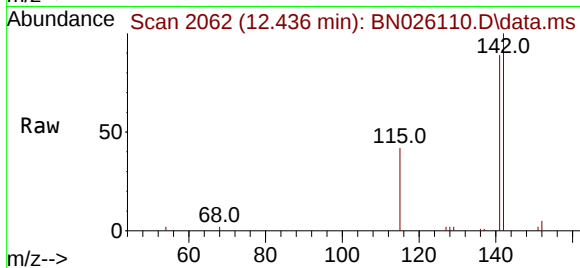




#7
2-Methylnaphthalene
Concen: 0.262 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. -0.011 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

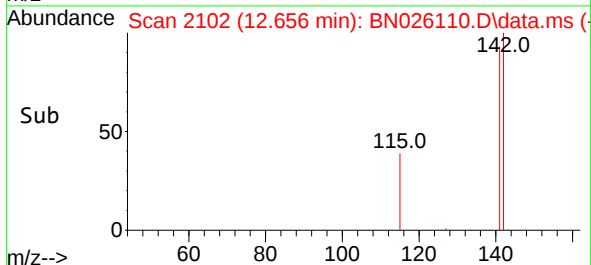
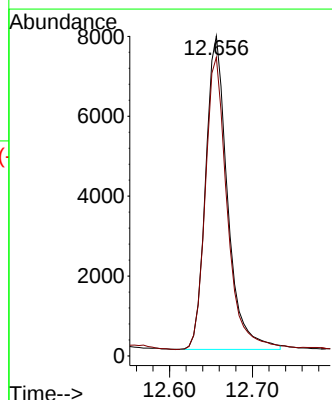
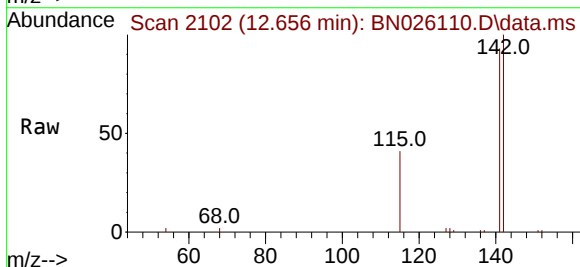
Instrument :
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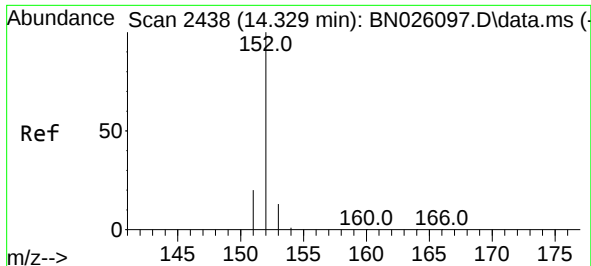
Tgt Ion:142 Resp: 13504
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.270 ng/ul
RT: 12.656 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

Tgt Ion:142 Resp: 14411
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4

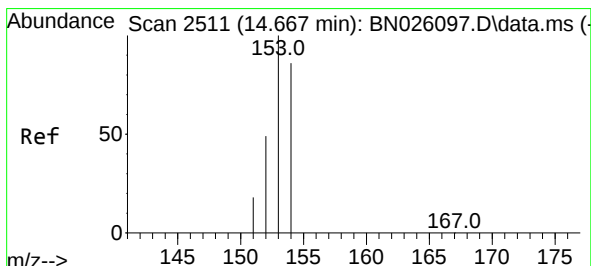
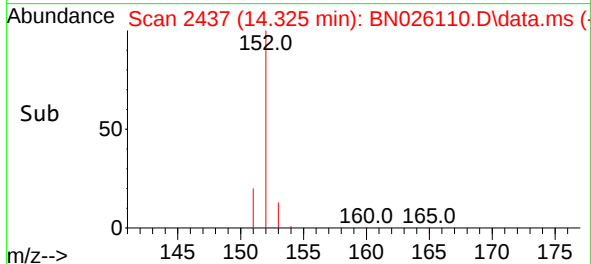
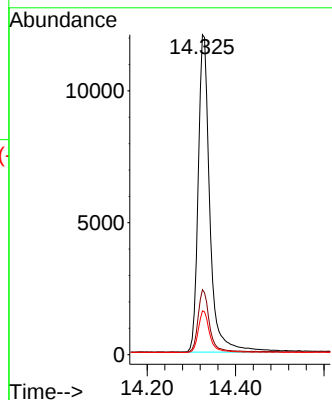
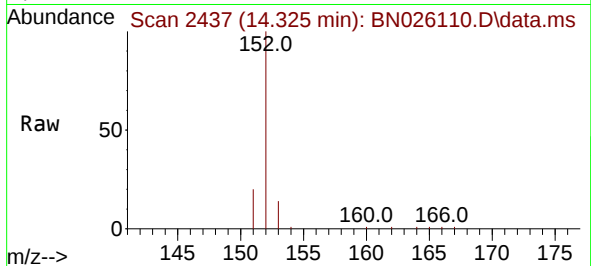




#10
Acenaphthylene
Concen: 0.284 ng/ul
RT: 14.325 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

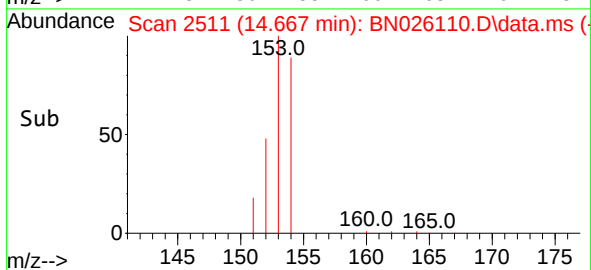
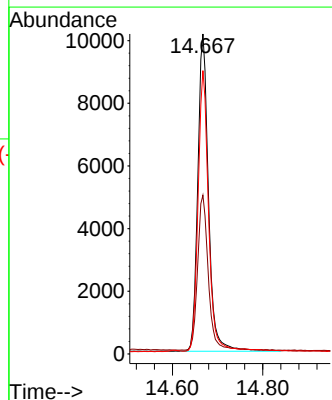
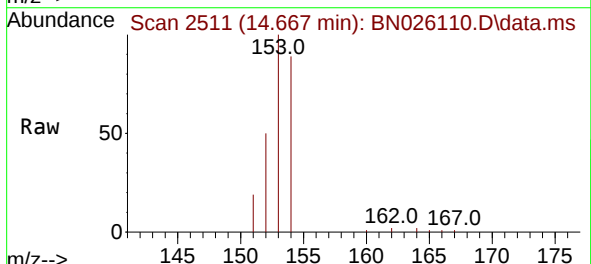
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ClientSampleId :
SLCS628

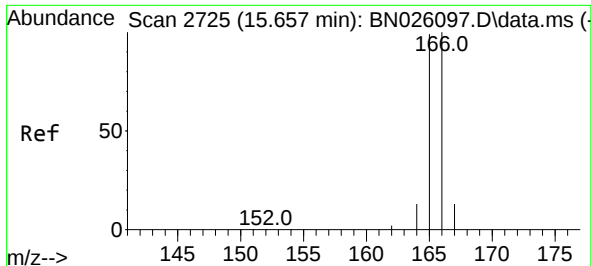
Tgt Ion:152 Resp: 22052
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.264 ng/ul
RT: 14.667 min Scan# 2511
Delta R.T. -0.004 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

Tgt Ion:153 Resp: 16753
Ion Ratio Lower Upper
153 100
152 49.6 39.4 59.0
154 88.6 68.9 103.3

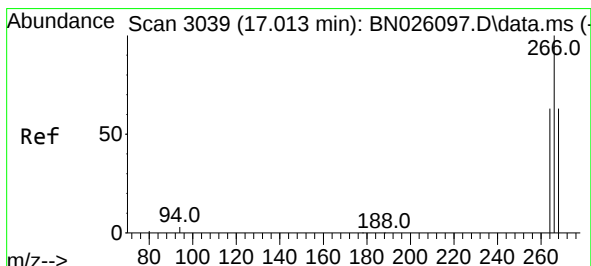
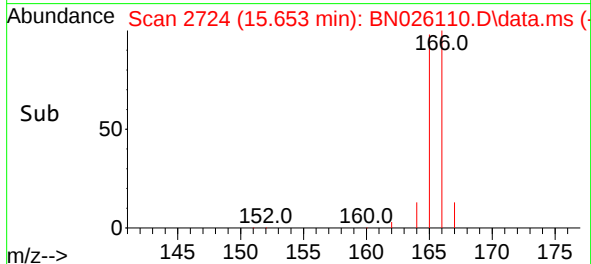
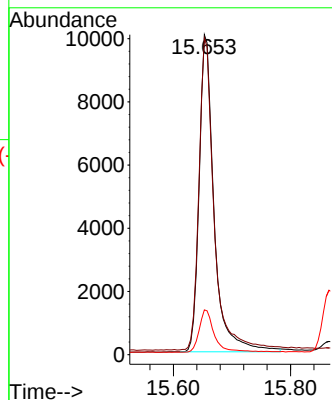
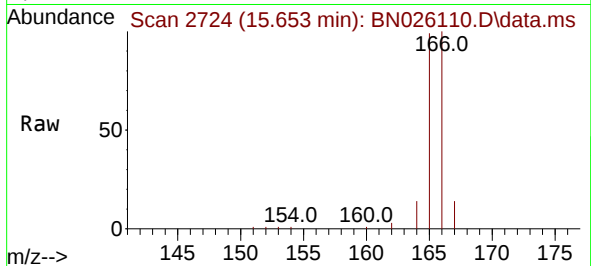




#12
Fluorene
Concen: 0.245 ng/ul
RT: 15.653 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

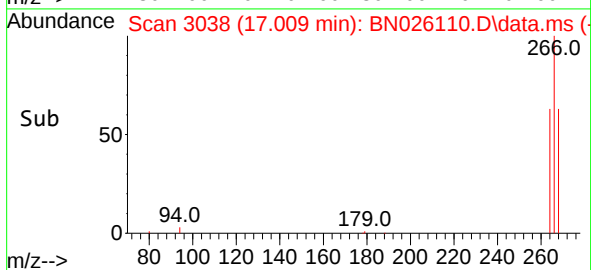
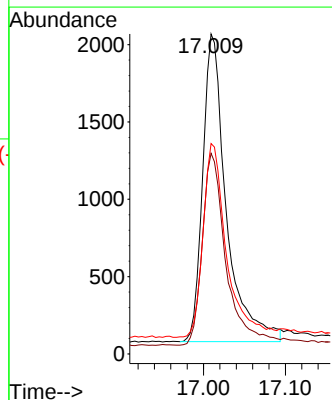
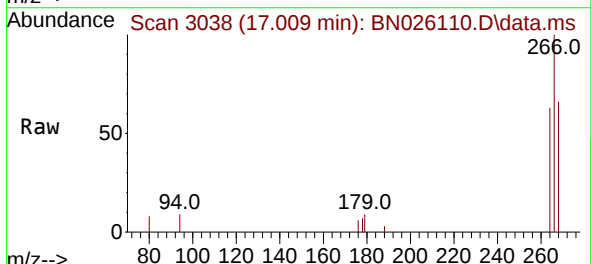
Instrument :
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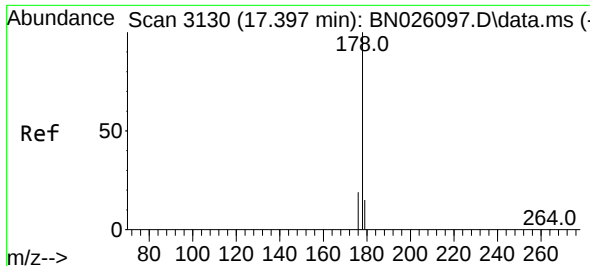
Tgt Ion:166 Resp: 17855
Ion Ratio Lower Upper
166 100
165 99.0 79.9 119.9
167 14.0 10.8 16.2



#14
Pentachlorophenol
Concen: 0.372 ng/ul
RT: 17.009 min Scan# 3038
Delta R.T. -0.008 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

Tgt Ion:266 Resp: 3984
Ion Ratio Lower Upper
266 100
264 62.7 50.5 75.7
268 62.8 51.6 77.4

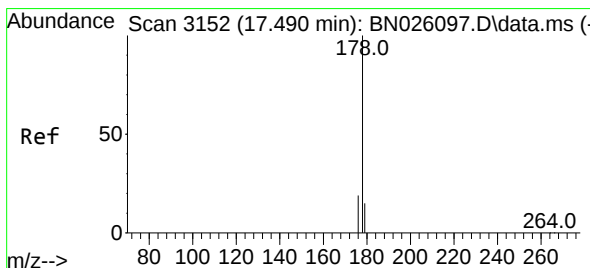
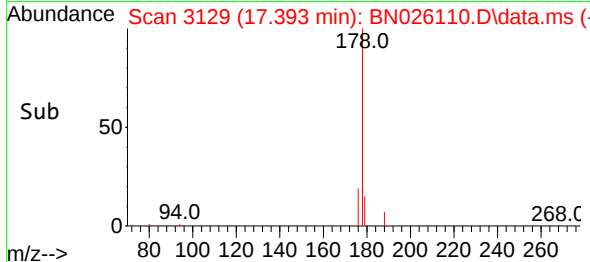
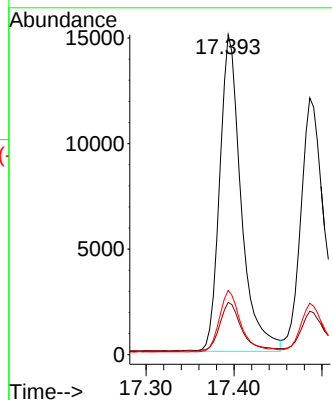
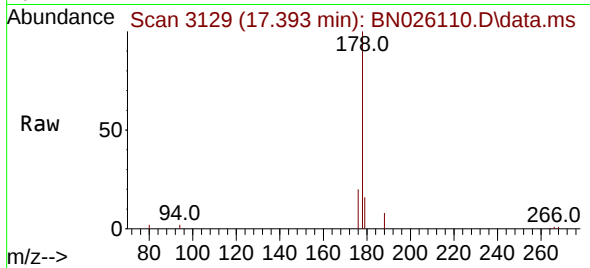




#15
Phenanthrene
Concen: 0.257 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

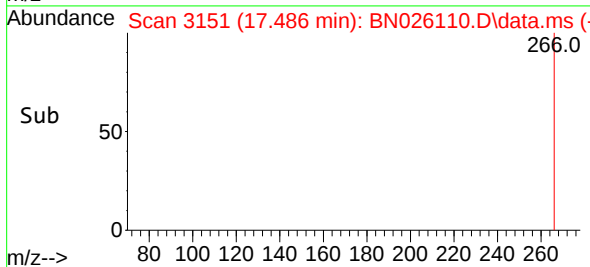
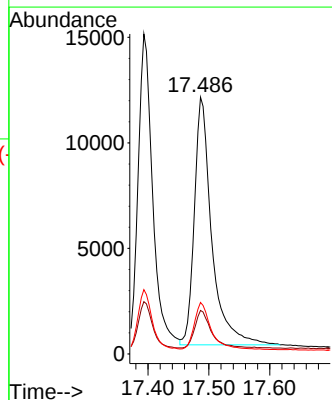
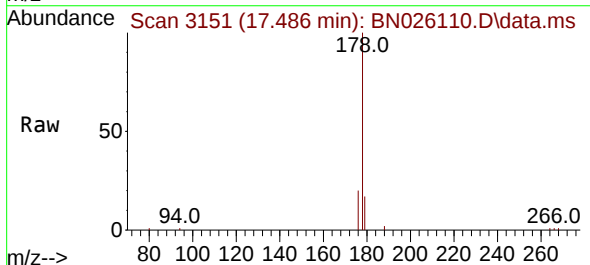
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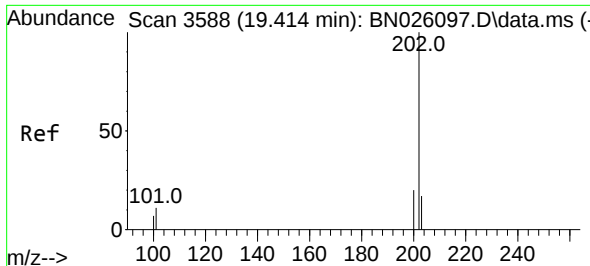
Tgt Ion:178 Resp: 25410
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.1 15.8 23.6



#16
Anthracene
Concen: 0.266 ng/ul
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

Tgt Ion:178 Resp: 23381
Ion Ratio Lower Upper
178 100
179 17.0 12.6 18.8
176 20.0 15.1 22.7

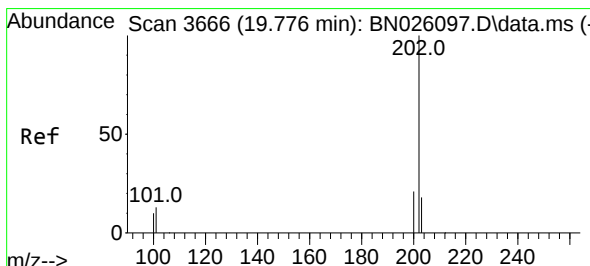
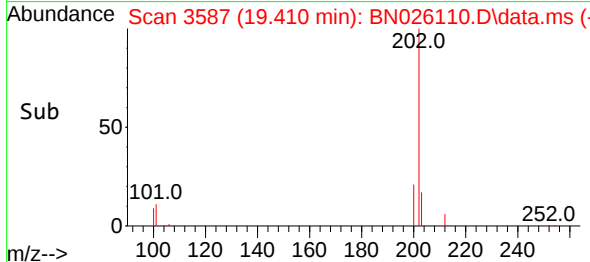
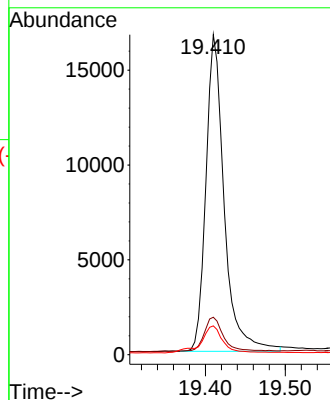
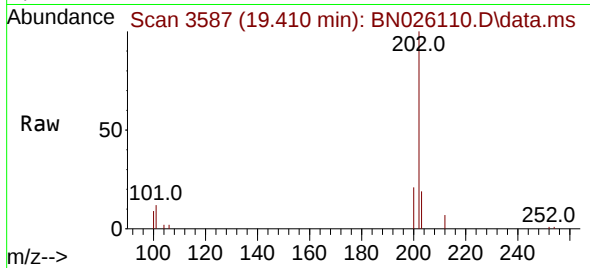




#19
Fluoranthene
Concen: 0.298 ng/ul
RT: 19.410 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

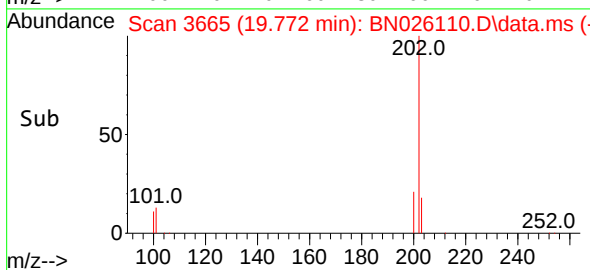
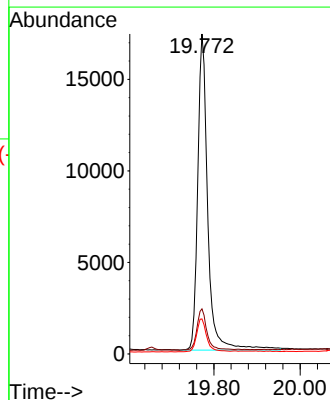
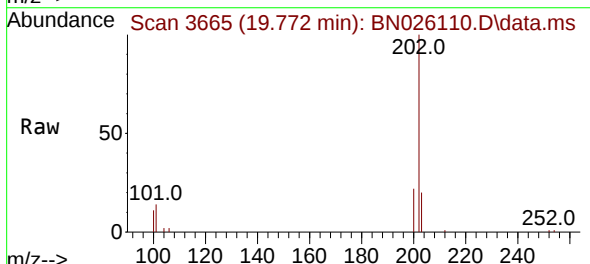
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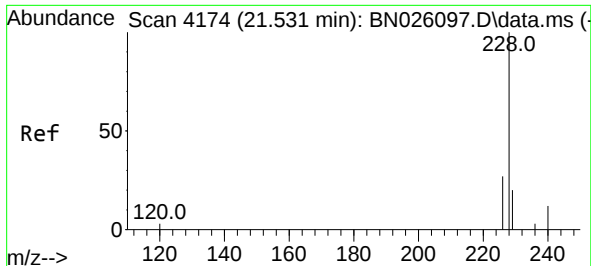
Tgt Ion:202 Resp: 26558
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
100 9.0 7.3 10.9



#20
Pyrene
Concen: 0.300 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

Tgt Ion:202 Resp: 27829
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.0 9.1 13.7

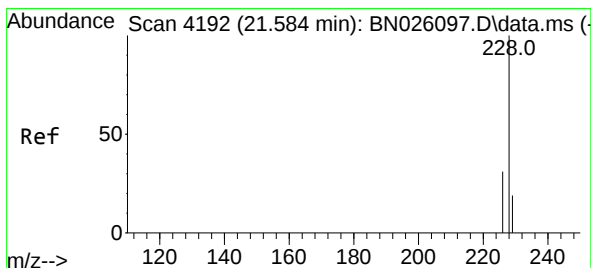
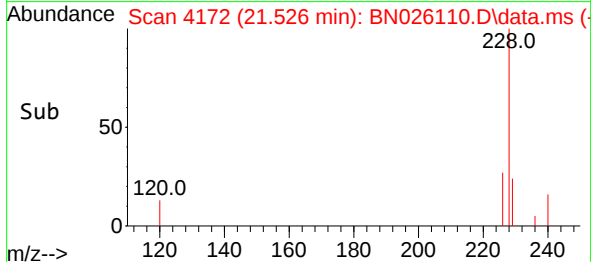
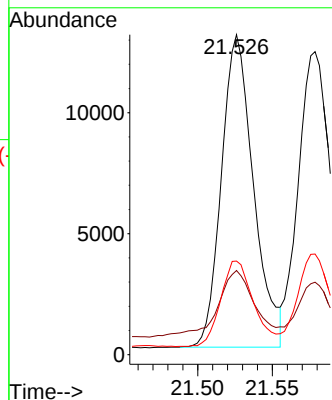
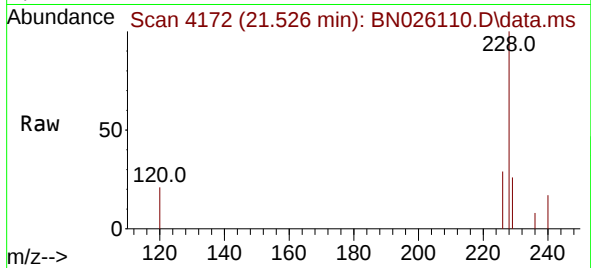




#21
Benzo(a)anthracene
Concen: 0.280 ng/ul
RT: 21.526 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

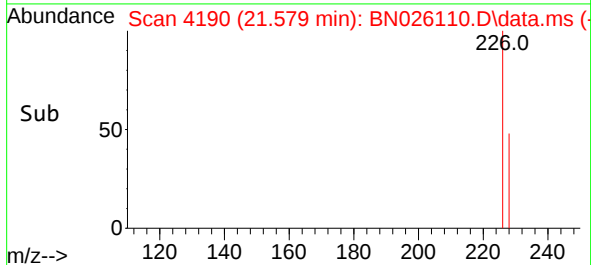
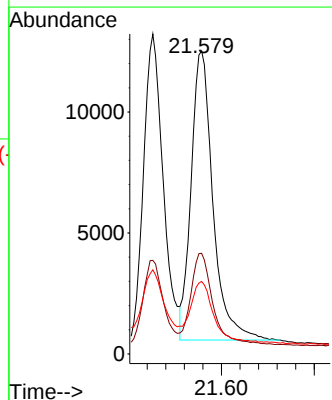
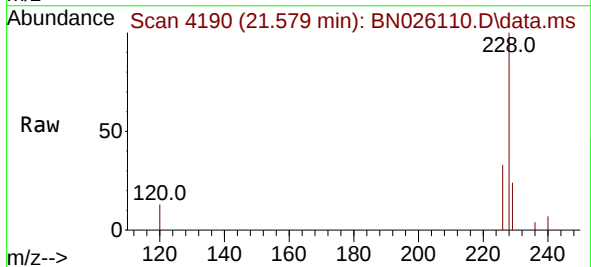
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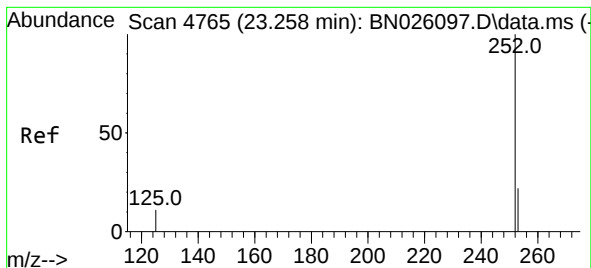
Tgt Ion:228 Resp: 19305
Ion Ratio Lower Upper
228 100
229 26.3 15.8 23.6#
226 29.2 22.5 33.7



#22
Chrysene
Concen: 0.272 ng/ul
RT: 21.579 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

Tgt Ion:228 Resp: 19509
Ion Ratio Lower Upper
228 100
226 33.2 24.8 37.2
229 23.9 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 0.267 ng/ul

RT: 23.250 min Scan# 41

Delta R.T. -0.003 min

Lab File: BN026110.D

Acq: 30 Jun 2023 00:36

Instrument :

BNA_N

ClientSampleId :

SLCS628

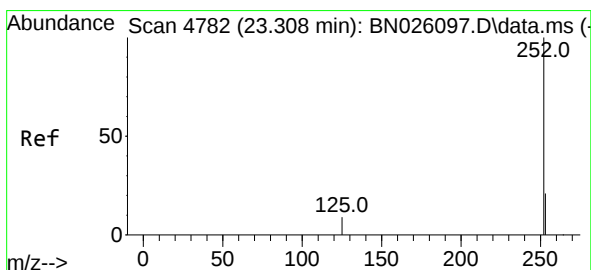
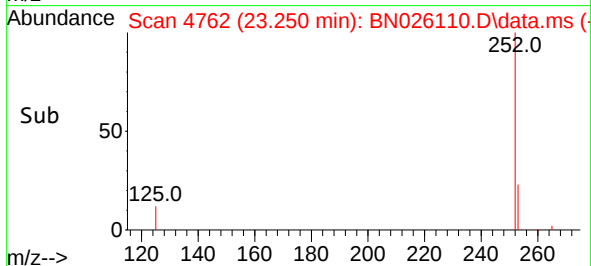
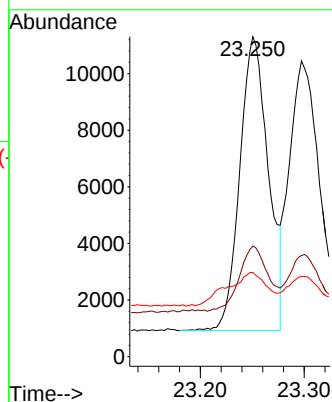
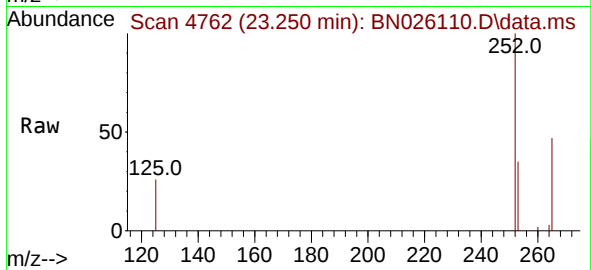
Tgt Ion:252 Resp: 19837

Ion Ratio Lower Upper

252 100

253 34.6 0.0 55.6

125 26.3 0.0 35.8



#25

Benzo(k)fluoranthene

Concen: 0.270 ng/ul

RT: 23.297 min Scan# 4778

Delta R.T. -0.006 min

Lab File: BN026110.D

Acq: 30 Jun 2023 00:36

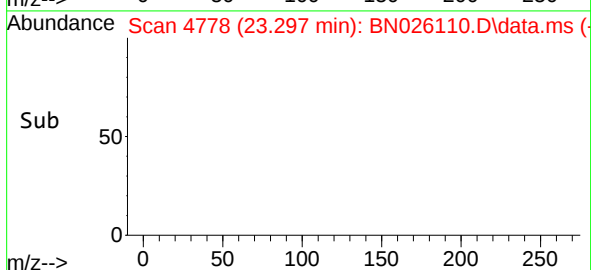
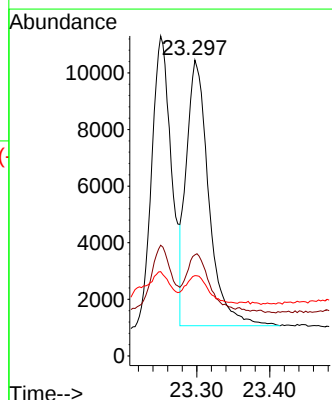
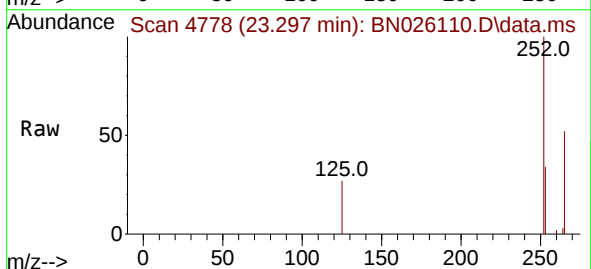
Tgt Ion:252 Resp: 20110

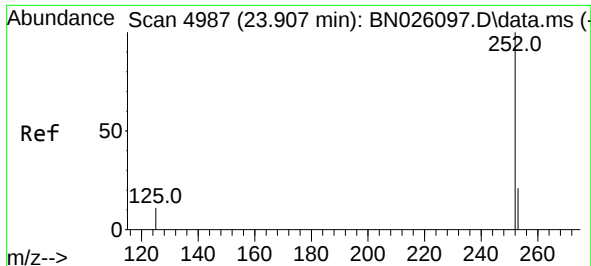
Ion Ratio Lower Upper

252 100

253 34.2 23.2 34.8

125 27.2 15.0 22.4#

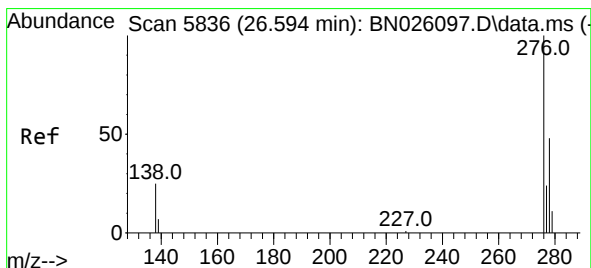
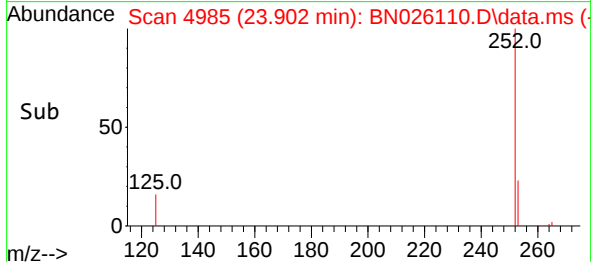
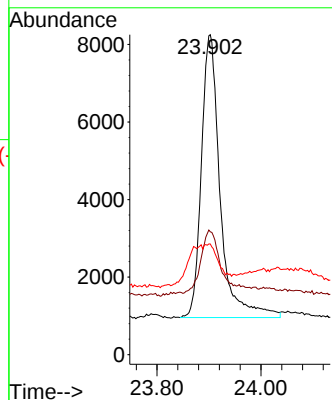
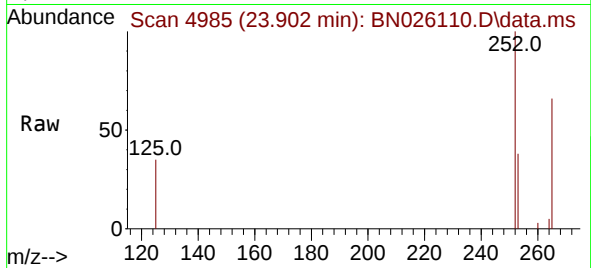




#26
Benzo(a)pyrene
Concen: 0.283 ng/ul
RT: 23.902 min Scan# 4985
Delta R.T. -0.003 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

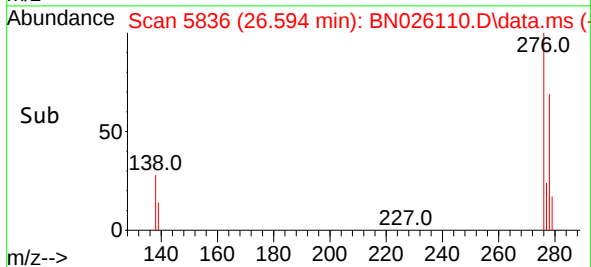
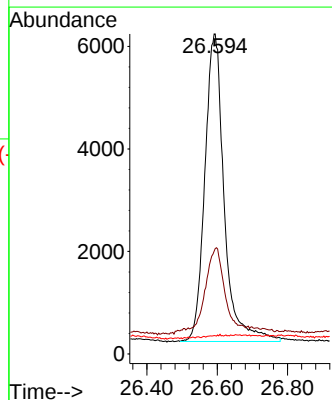
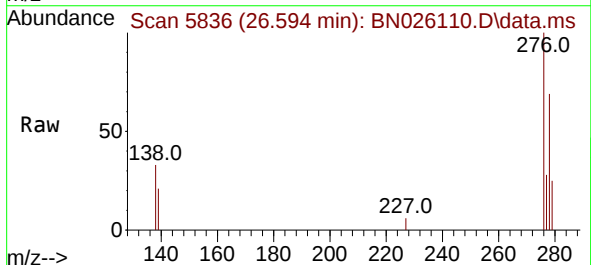
Instrument :
BNA_N
ClientSampleId :
SLCS628

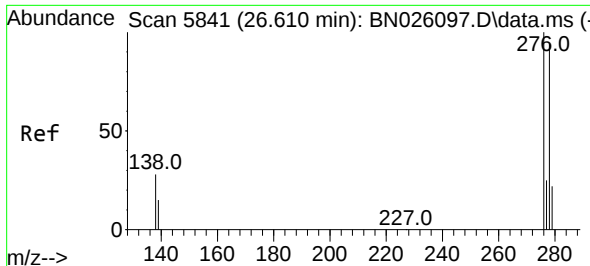
Tgt Ion:252 Resp: 18236
Ion Ratio Lower Upper
252 100
253 38.4 26.0 39.0
125 34.6 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 26.594 min Scan# 5836
Delta R.T. 0.000 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

Tgt Ion:276 Resp: 22934
Ion Ratio Lower Upper
276 100
138 28.7 24.5 36.7
227 1.6 0.0 0.0#

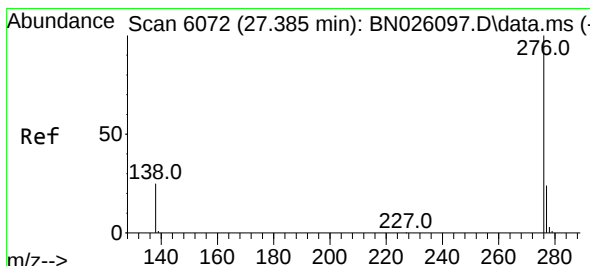
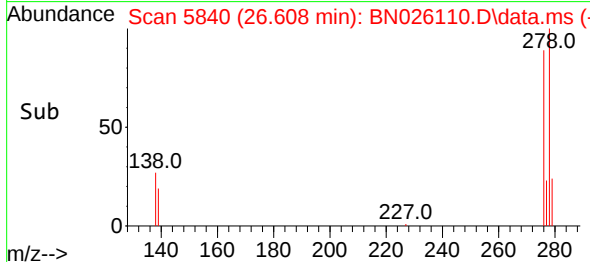
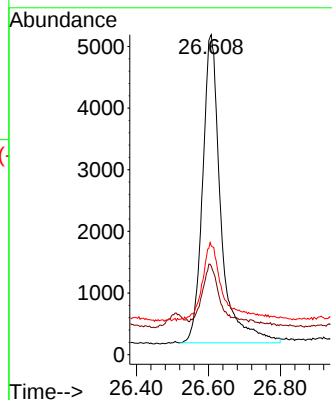
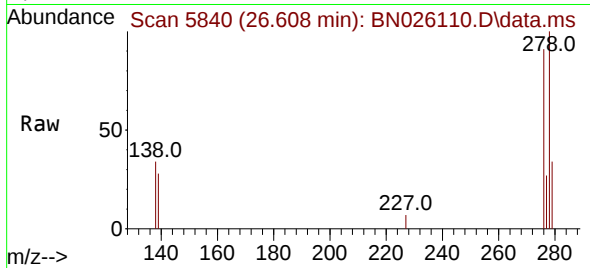




#28
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 26.608 min Scan# 5840
Delta R.T. -0.007 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

Instrument :
BNA_N
ClientSampleId :
SLCS628

Tgt Ion:278 Resp: 17566
Ion Ratio Lower Upper
278 100
139 27.7 19.0 28.4
279 34.0 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.314 ng/ul
RT: 27.389 min Scan# 6073
Delta R.T. 0.003 min
Lab File: BN026110.D
Acq: 30 Jun 2023 00:36

Tgt Ion:276 Resp: 19654
Ion Ratio Lower Upper
276 100
138 31.2 23.4 35.0
277 28.4 20.0 30.0

