

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026305.D
 Acq On : 05 Jul 2023 23:01
 Operator : MA/JU
 Sample : PB153593BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS593

Quant Time: Jul 06 00:48:07 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 Jul 05 00:03:30 2023
 Response via : Initial Calibration

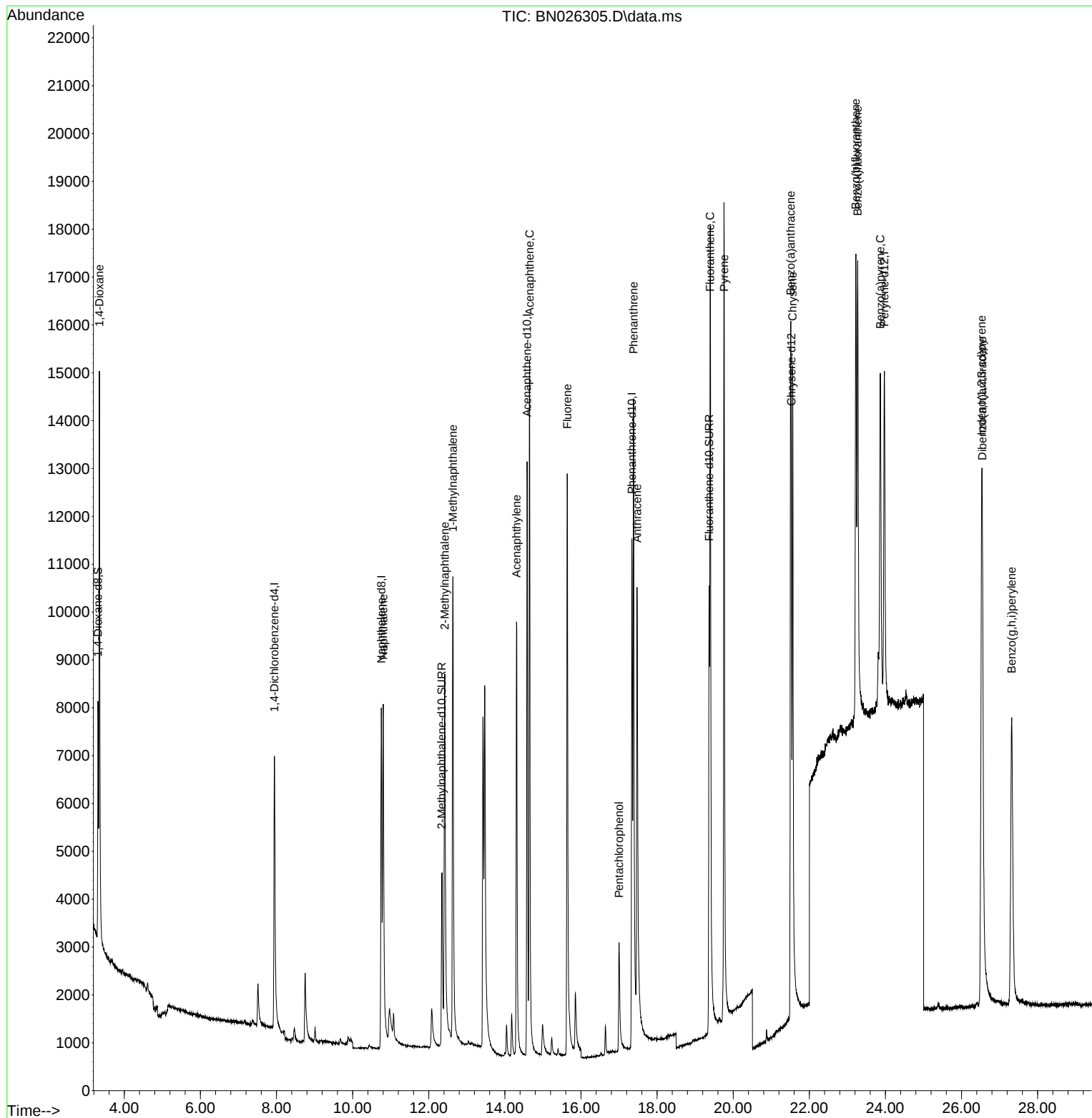
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	4564	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	13195	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	8035	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	16437	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	9933	0.400	ng/ul	0.00
23) Perylene-d12	23.973	264	11026	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	3446	0.670	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	6787	0.334	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	13326	0.352	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.344	88	8705	1.595	ng/ul#	88
5) Naphthalene	10.803	128	12836	0.339	ng/ul	98
7) 2-Methylnaphthalene	12.420	142	7736	0.321	ng/ul	100
8) 1-Methylnaphthalene	12.634	142	8445	0.338	ng/ul	99
10) Acenaphthylene	14.307	152	13262	0.352	ng/ul	100
11) Acenaphthene	14.649	153	10155	0.330	ng/ul	99
12) Fluorene	15.639	166	10847	0.307	ng/ul	99
14) Pentachlorophenol	17.001	266	2248	0.382	ng/ul	99
15) Phenanthrene	17.381	178	17712	0.326	ng/ul	98
16) Anthracene	17.474	178	15461	0.320	ng/ul	98
19) Fluoranthene	19.396	202	18276	0.344	ng/ul	99
20) Pyrene	19.758	202	19278	0.349	ng/ul	98
21) Benzo(a)anthracene	21.509	228	13765	0.336	ng/ul	98
22) Chrysene	21.561	228	15039	0.353	ng/ul	98
24) Benzo(b)fluoranthene	23.224	252	15746	0.335	ng/ul	86
25) Benzo(k)fluoranthene	23.271	252	15885	0.336	ng/ul#	88
26) Benzo(a)pyrene	23.864	252	13859	0.339	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.531	276	18675	0.418	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.547	278	14311	0.424	ng/ul	93
29) Benzo(g,h,i)perylene	27.319	276	16152	0.407	ng/ul	97

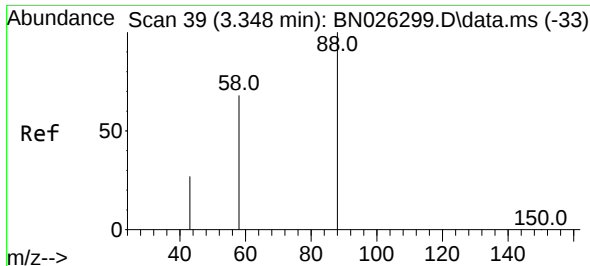
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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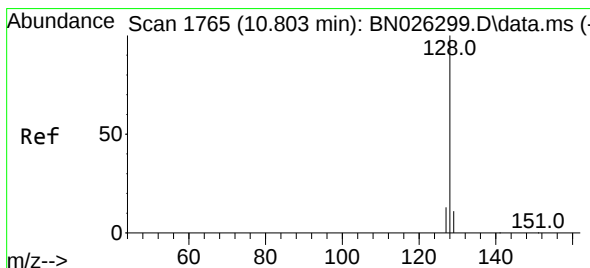
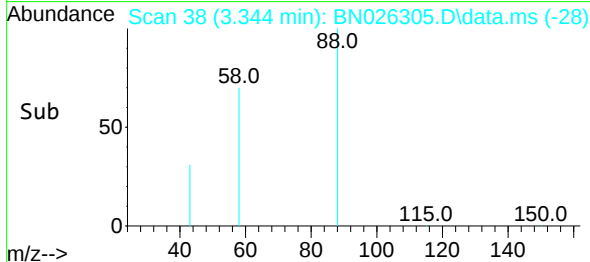
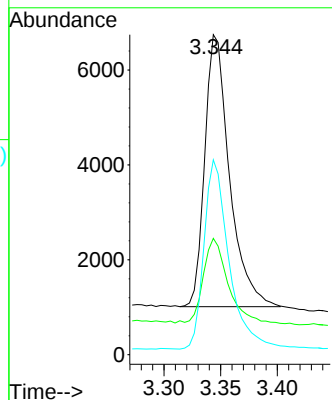
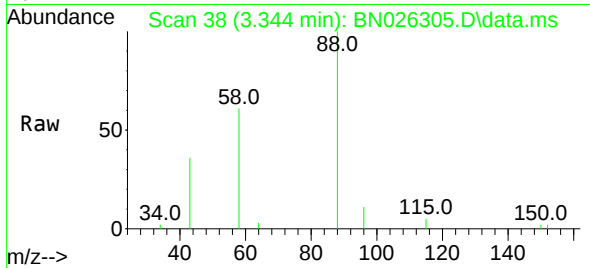




#2
 1,4-Dioxane
 Concen: 1.595 ng/ul
 RT: 3.344 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BN026305.D
 Acq: 05 Jul 2023 23:01

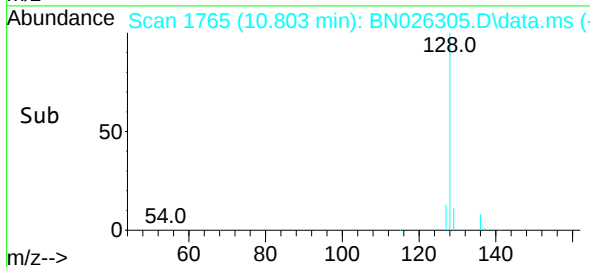
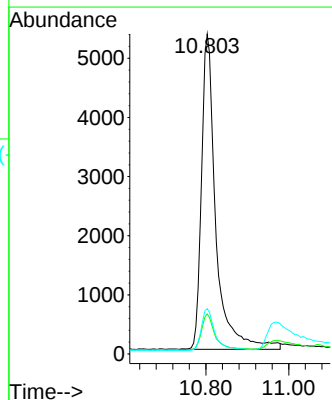
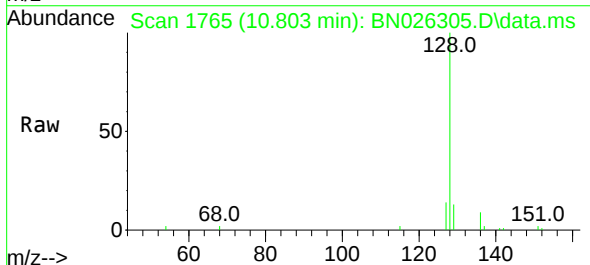
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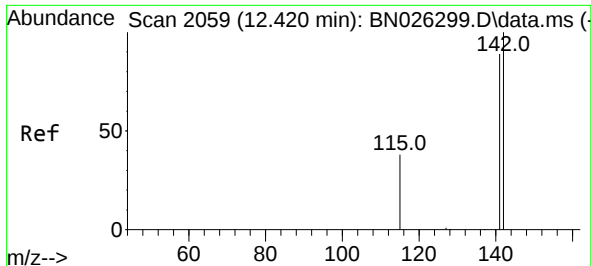
Tgt Ion: 88 Resp: 8705
 Ion Ratio Lower Upper
 88 100
 43 36.4 29.5 44.3
 58 60.9 37.4 56.2#



#5
 Naphthalene
 Concen: 0.339 ng/ul
 RT: 10.803 min Scan# 1765
 Delta R.T. -0.005 min
 Lab File: BN026305.D
 Acq: 05 Jul 2023 23:01

Tgt Ion: 128 Resp: 12836
 Ion Ratio Lower Upper
 128 100
 129 12.5 9.1 13.7
 127 14.2 10.7 16.1

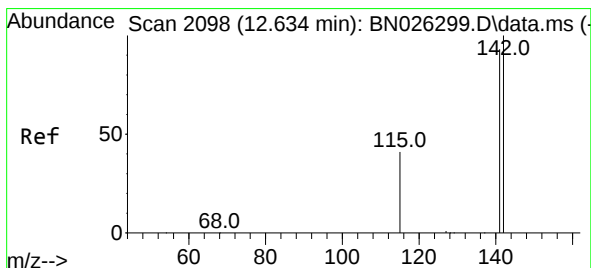
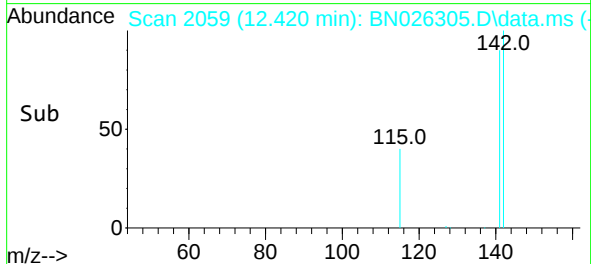
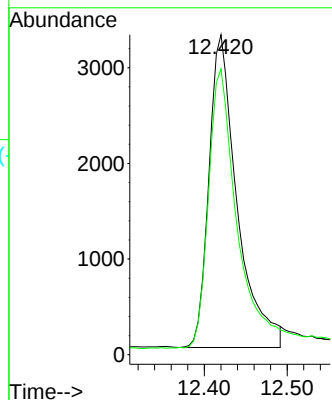
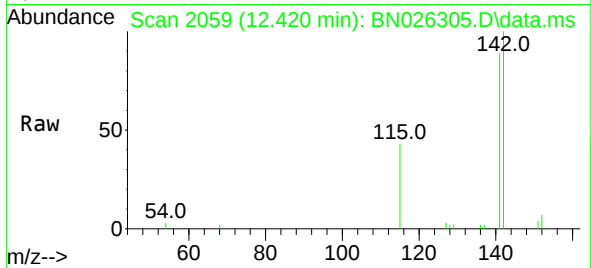




#7
2-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN026305.D
Acq: 05 Jul 2023 23:01

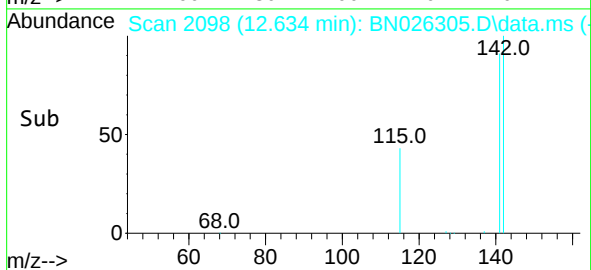
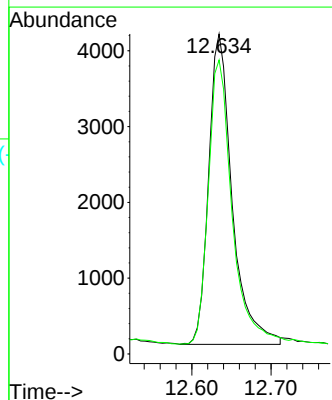
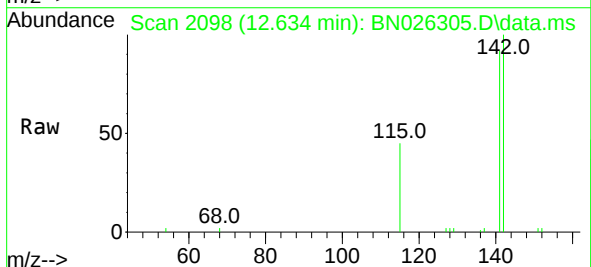
Instrument :
BNA_N
ClientSampleId :
SLCS593

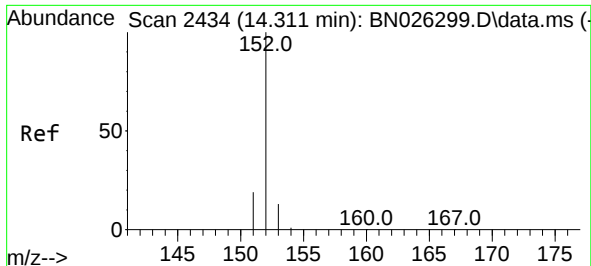
Tgt Ion:142 Resp: 7736
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN026305.D
Acq: 05 Jul 2023 23:01

Tgt Ion:142 Resp: 8445
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4

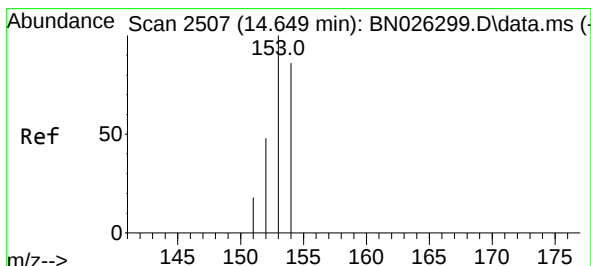
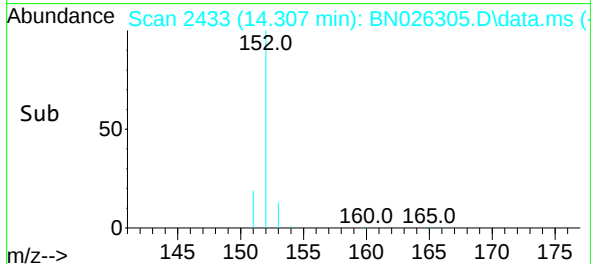
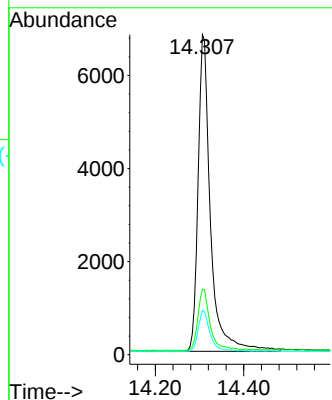
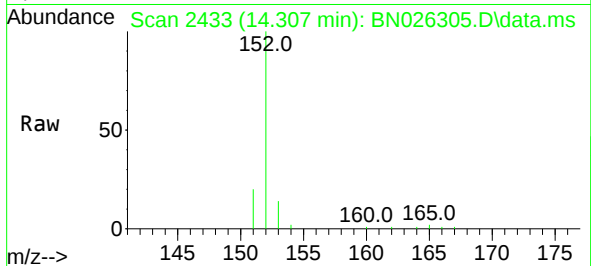




#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 14.307 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026305.D
Acq: 05 Jul 2023 23:01

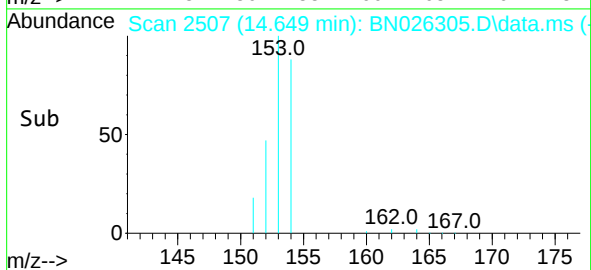
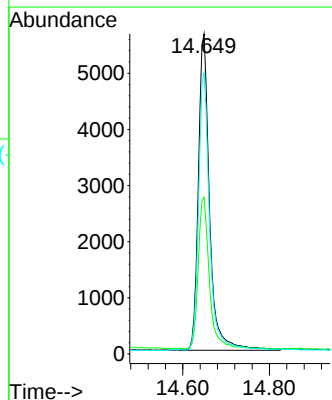
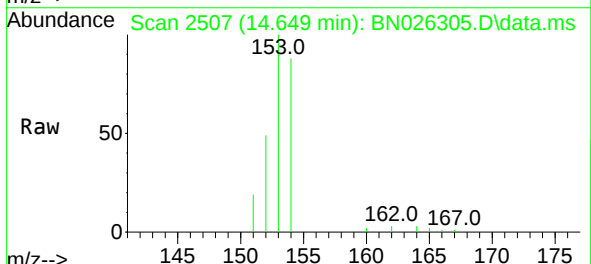
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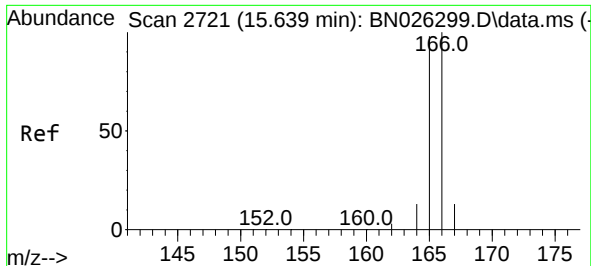
Tgt Ion:152 Resp: 13262
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.9 10.9 16.3



#11
Acenaphthene
Concen: 0.330 ng/ul
RT: 14.649 min Scan# 2507
Delta R.T. -0.005 min
Lab File: BN026305.D
Acq: 05 Jul 2023 23:01

Tgt Ion:153 Resp: 10155
Ion Ratio Lower Upper
153 100
152 48.9 39.4 59.0
154 87.9 68.9 103.3

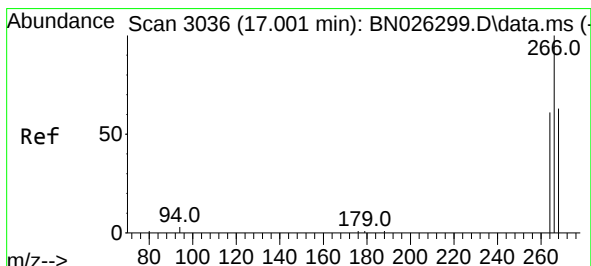
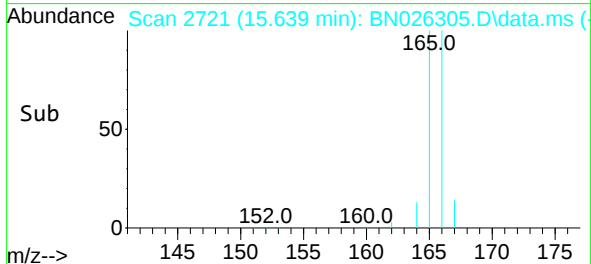
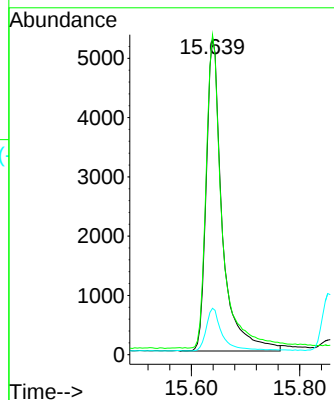
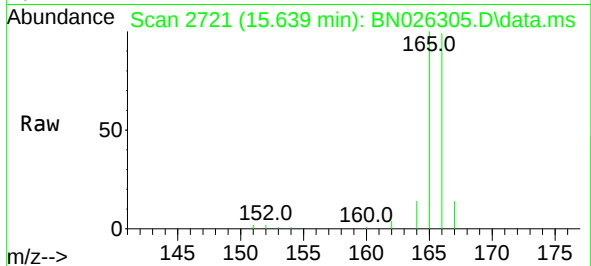




#12
Fluorene
Concen: 0.307 ng/ul
RT: 15.639 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026305.D
Acq: 05 Jul 2023 23:01

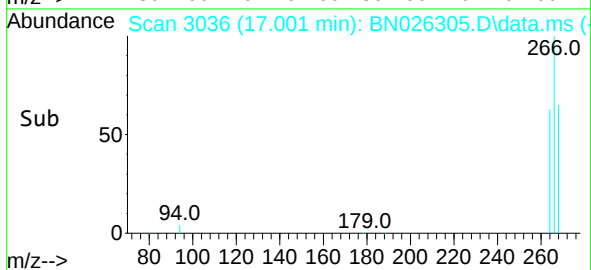
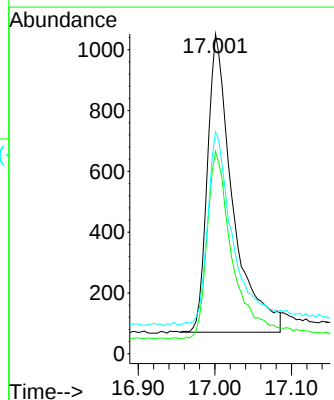
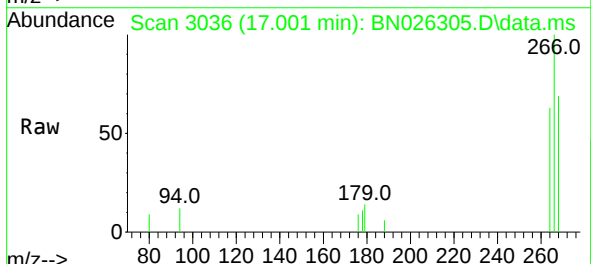
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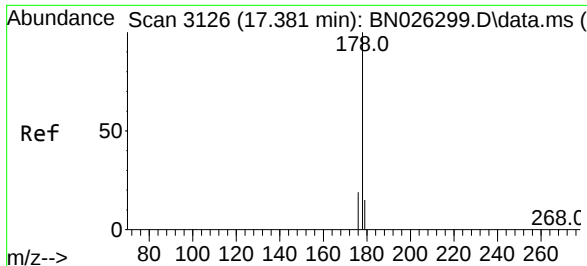
Tgt Ion:166 Resp: 10847
Ion Ratio Lower Upper
166 100
165 100.9 79.9 119.9
167 14.6 10.8 16.2



#14
Pentachlorophenol
Concen: 0.382 ng/ul
RT: 17.001 min Scan# 3036
Delta R.T. -0.005 min
Lab File: BN026305.D
Acq: 05 Jul 2023 23:01

Tgt Ion:266 Resp: 2248
Ion Ratio Lower Upper
266 100
264 63.7 50.5 75.7
268 65.0 51.6 77.4

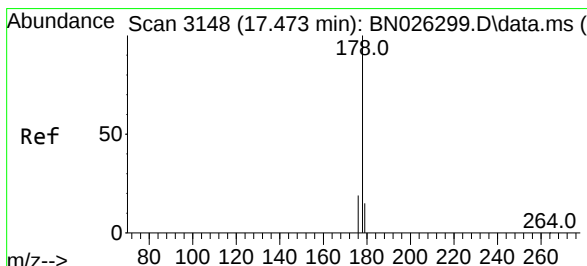
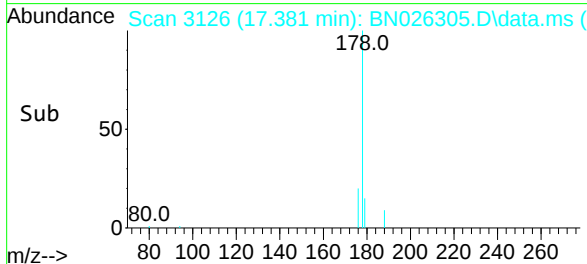
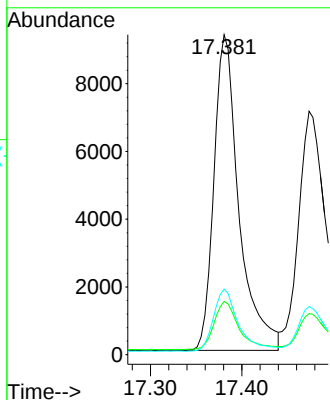
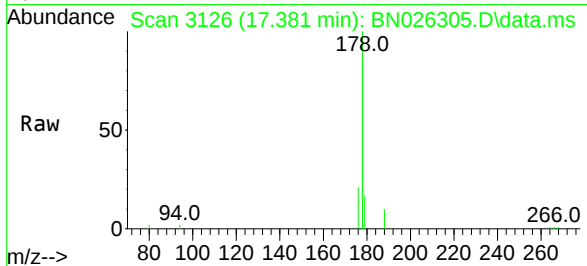




#15
Phenanthrene
Concen: 0.326 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. -0.005 min
Lab File: BN026305.D
Acq: 05 Jul 2023 23:01

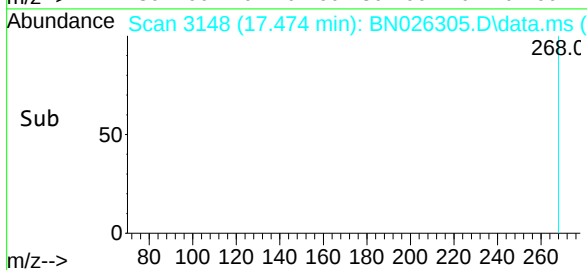
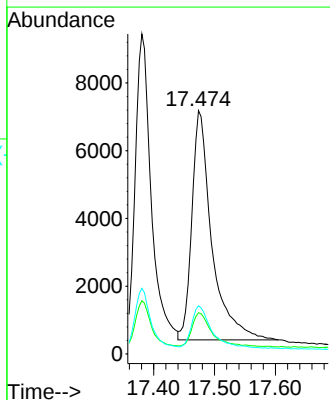
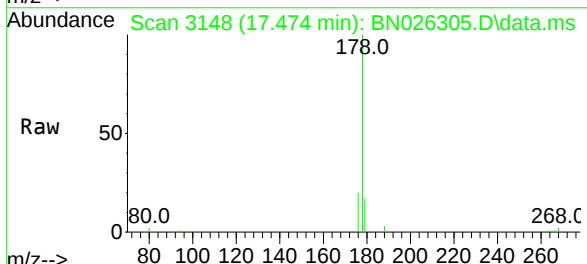
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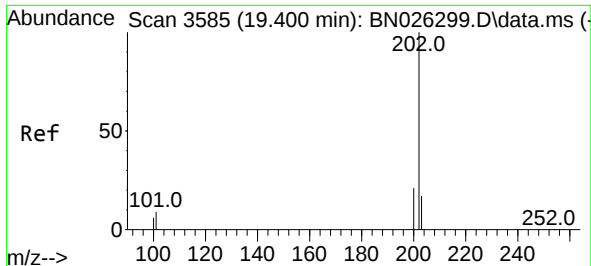
Tgt Ion:178 Resp: 17712
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 20.5 15.8 23.6



#16
Anthracene
Concen: 0.320 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.005 min
Lab File: BN026305.D
Acq: 05 Jul 2023 23:01

Tgt Ion:178 Resp: 15461
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 19.8 15.1 22.7

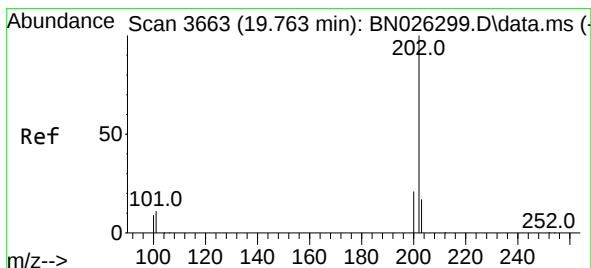
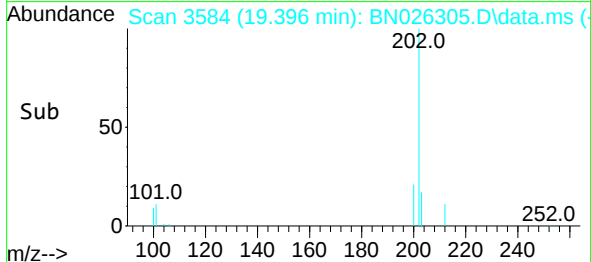
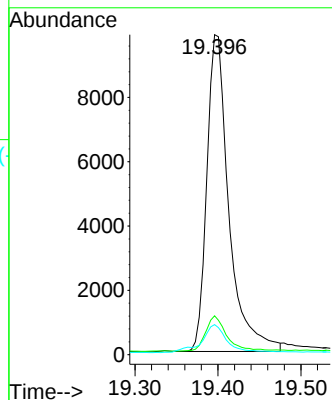
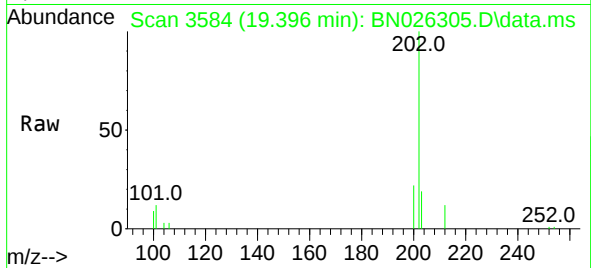




#19
Fluoranthene
Concen: 0.344 ng/ul
RT: 19.396 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN026305.D
Acq: 05 Jul 2023 23:01

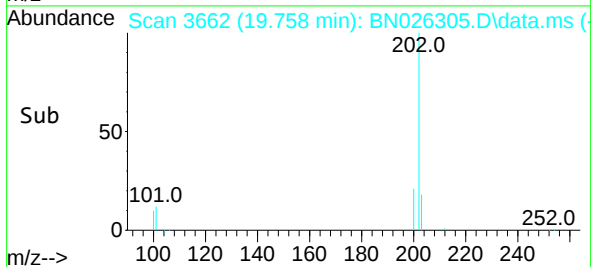
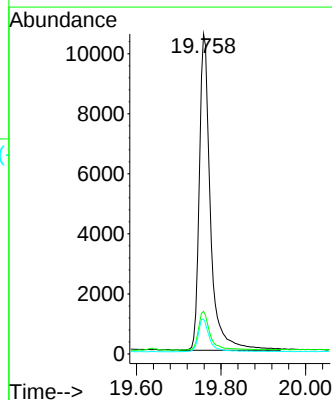
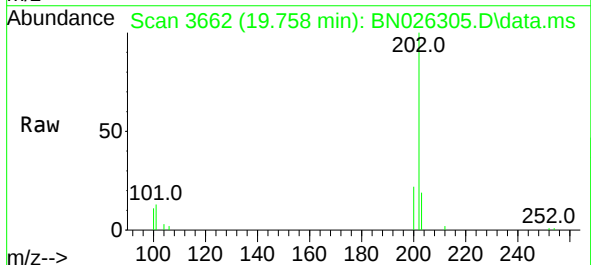
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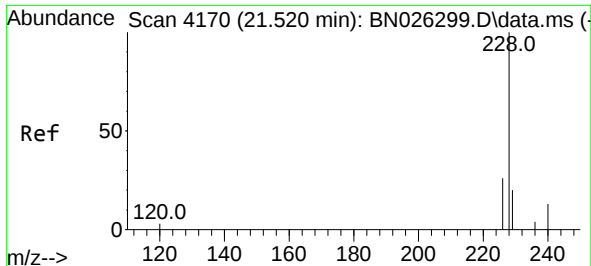
Tgt Ion:202 Resp: 18276
Ion Ratio Lower Upper
202 100
101 12.2 9.5 14.3
100 9.4 7.3 10.9



#20
Pyrene
Concen: 0.349 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026305.D
Acq: 05 Jul 2023 23:01

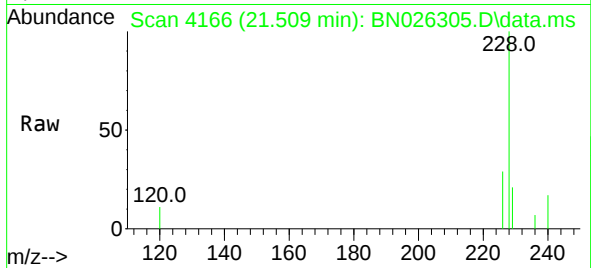
Tgt Ion:202 Resp: 19278
Ion Ratio Lower Upper
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101 13.3 11.4 17.0
100 10.9 9.1 13.7



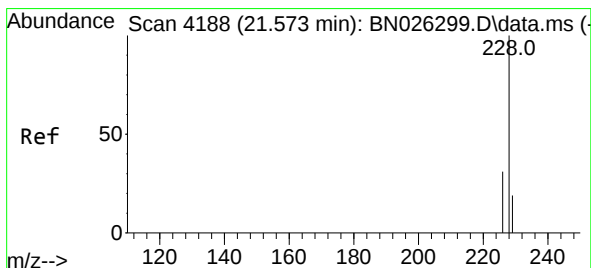
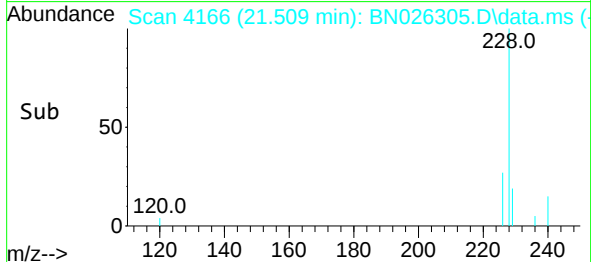
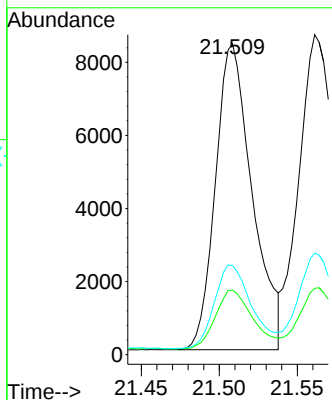


#21
Benzo(a)anthracene
Concen: 0.336 ng/ul
RT: 21.509 min Scan# 4166
Delta R.T. -0.007 min
Lab File: BN026305.D
Acq: 05 Jul 2023 23:01

Instrument :
BNA_N
ClientSampleId :
SLCS593

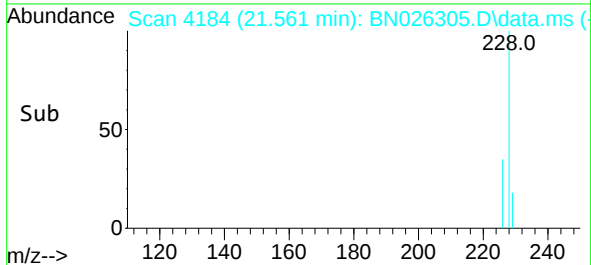
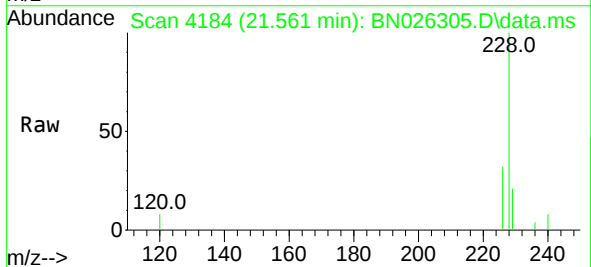
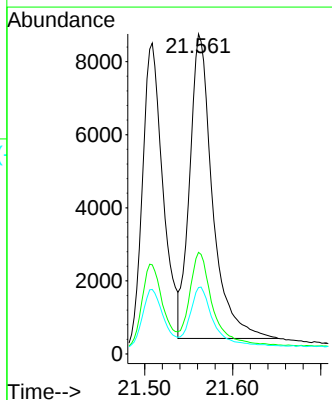


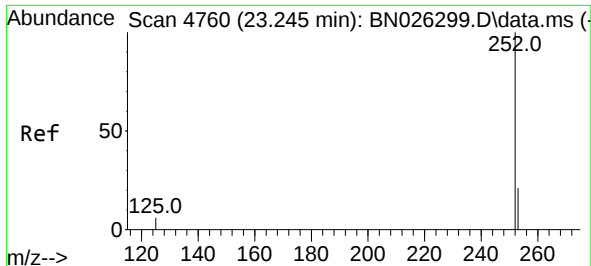
Tgt Ion:228 Resp: 13765
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 28.6 22.5 33.7



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.561 min Scan# 4184
Delta R.T. -0.010 min
Lab File: BN026305.D
Acq: 05 Jul 2023 23:01

Tgt Ion:228 Resp: 15039
Ion Ratio Lower Upper
228 100
226 31.8 24.8 37.2
229 20.7 15.7 23.5

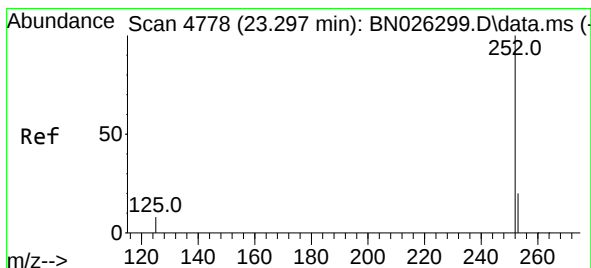
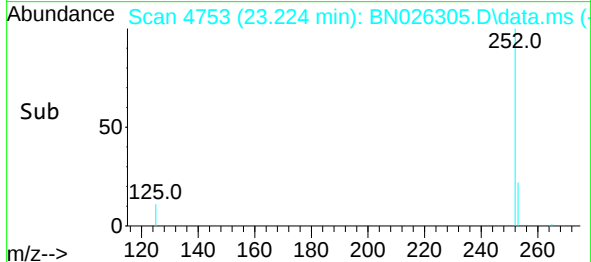
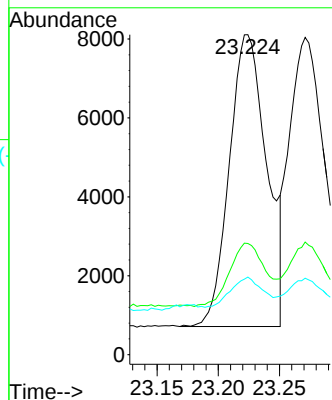
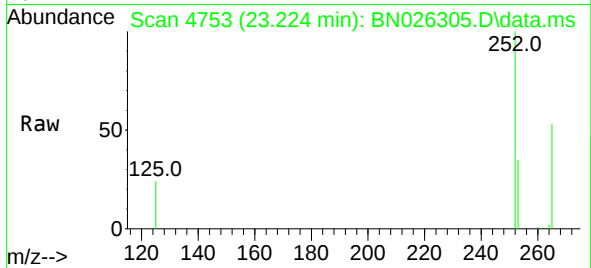




#24
Benzo(b)fluoranthene
Concen: 0.335 ng/ul
RT: 23.224 min Scan# 4753
Delta R.T. -0.021 min
Lab File: BN026305.D
Acq: 05 Jul 2023 23:01

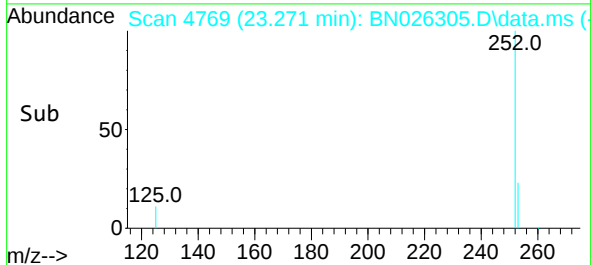
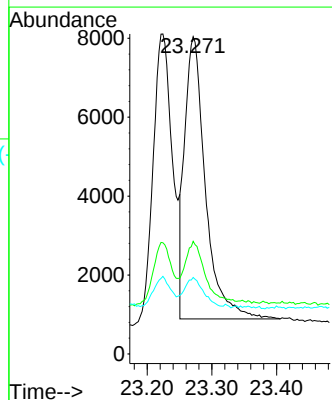
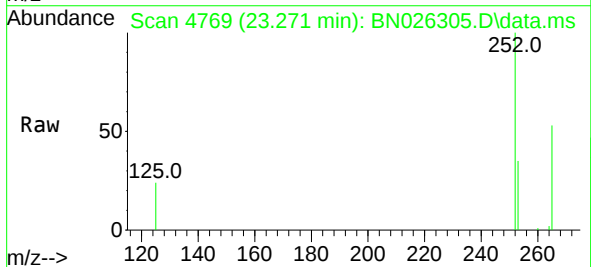
Instrument :
BNA_N
ClientSampleId :
SLCS593

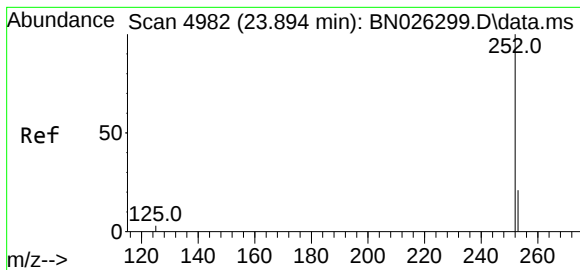
Tgt Ion:252 Resp: 15746
Ion Ratio Lower Upper
252 100
253 34.8 0.0 55.6
125 24.3 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul
RT: 23.271 min Scan# 4769
Delta R.T. -0.021 min
Lab File: BN026305.D
Acq: 05 Jul 2023 23:01

Tgt Ion:252 Resp: 15885
Ion Ratio Lower Upper
252 100
253 35.5 23.2 34.8#
125 24.1 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.339 ng/ul

RT: 23.864 min Scan# 4982

Delta R.T. -0.024 min

Lab File: BN026305.D

Acq: 05 Jul 2023 23:01

Instrument :

BNA_N

ClientSampleId :

SLCS593

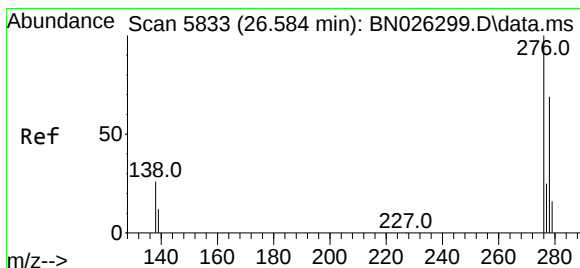
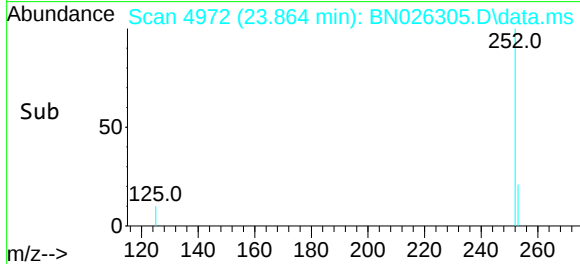
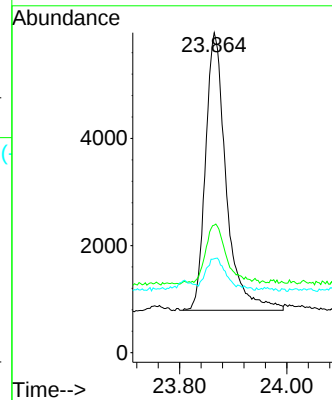
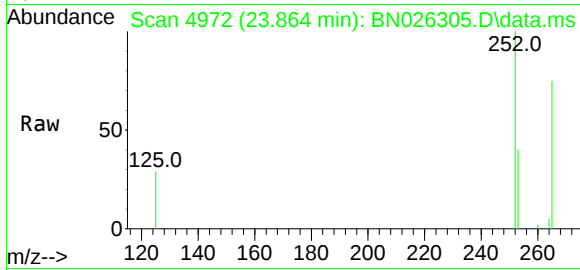
Tgt Ion:252 Resp: 13859

Ion Ratio Lower Upper

252 100

253 39.9 26.0 39.0#

125 29.4 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.418 ng/ul

RT: 26.531 min Scan# 5817

Delta R.T. -0.051 min

Lab File: BN026305.D

Acq: 05 Jul 2023 23:01

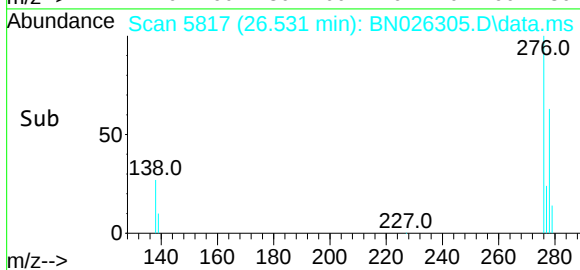
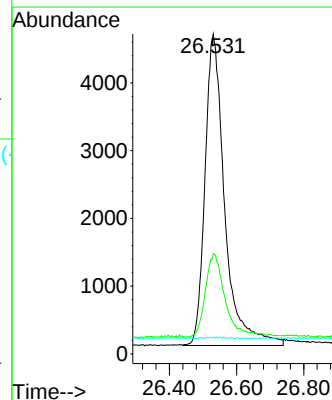
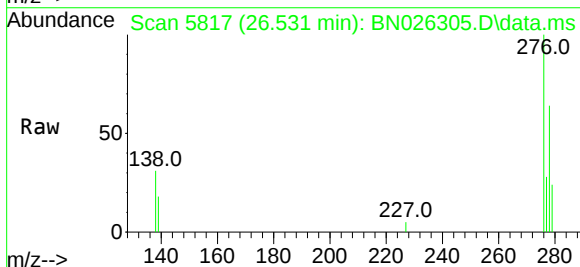
Tgt Ion:276 Resp: 18675

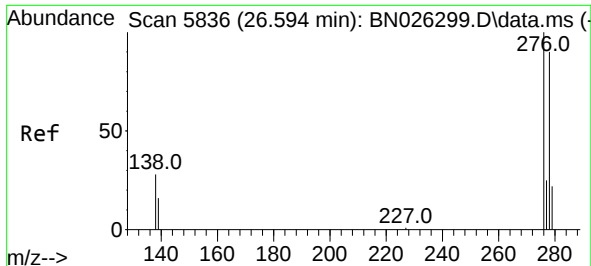
Ion Ratio Lower Upper

276 100

138 27.1 24.5 36.7

227 0.0 0.0 0.0#

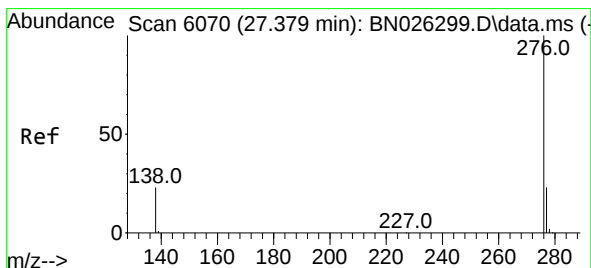
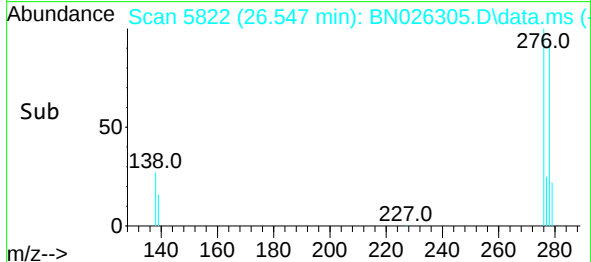
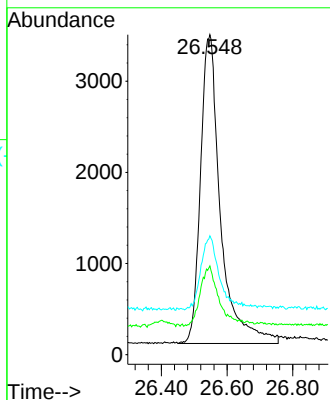
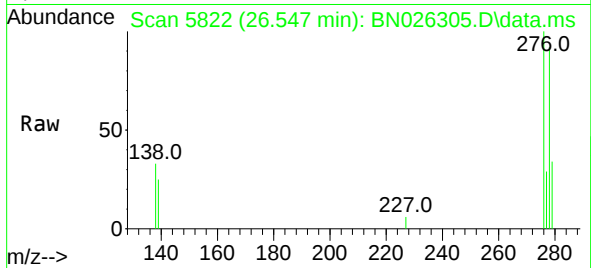




#28
 Dibenzo(a,h)anthracene
 Concen: 0.424 ng/ul
 RT: 26.547 min Scan# 51
 Delta R.T. -0.048 min
 Lab File: BN026305.D
 Acq: 05 Jul 2023 23:01

Instrument :
 BNA_N
 ClientSampleId :
 SLCS593

Tgt Ion:278 Resp: 14311
 Ion Ratio Lower Upper
 278 100
 139 27.8 19.0 28.4
 279 37.2 26.7 40.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.407 ng/ul
 RT: 27.319 min Scan# 6052
 Delta R.T. -0.061 min
 Lab File: BN026305.D
 Acq: 05 Jul 2023 23:01

Tgt Ion:276 Resp: 16152
 Ion Ratio Lower Upper
 276 100
 138 28.8 23.4 35.0
 277 28.0 20.0 30.0

