

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031524\
 Data File : BN030418.D
 Acq On : 15 Mar 2024 18:49
 Operator : MA/JU
 Sample : PB159623BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS623

Quant Time: Mar 15 22:34:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN031524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 01:04:41 2024
 Response via : Initial Calibration

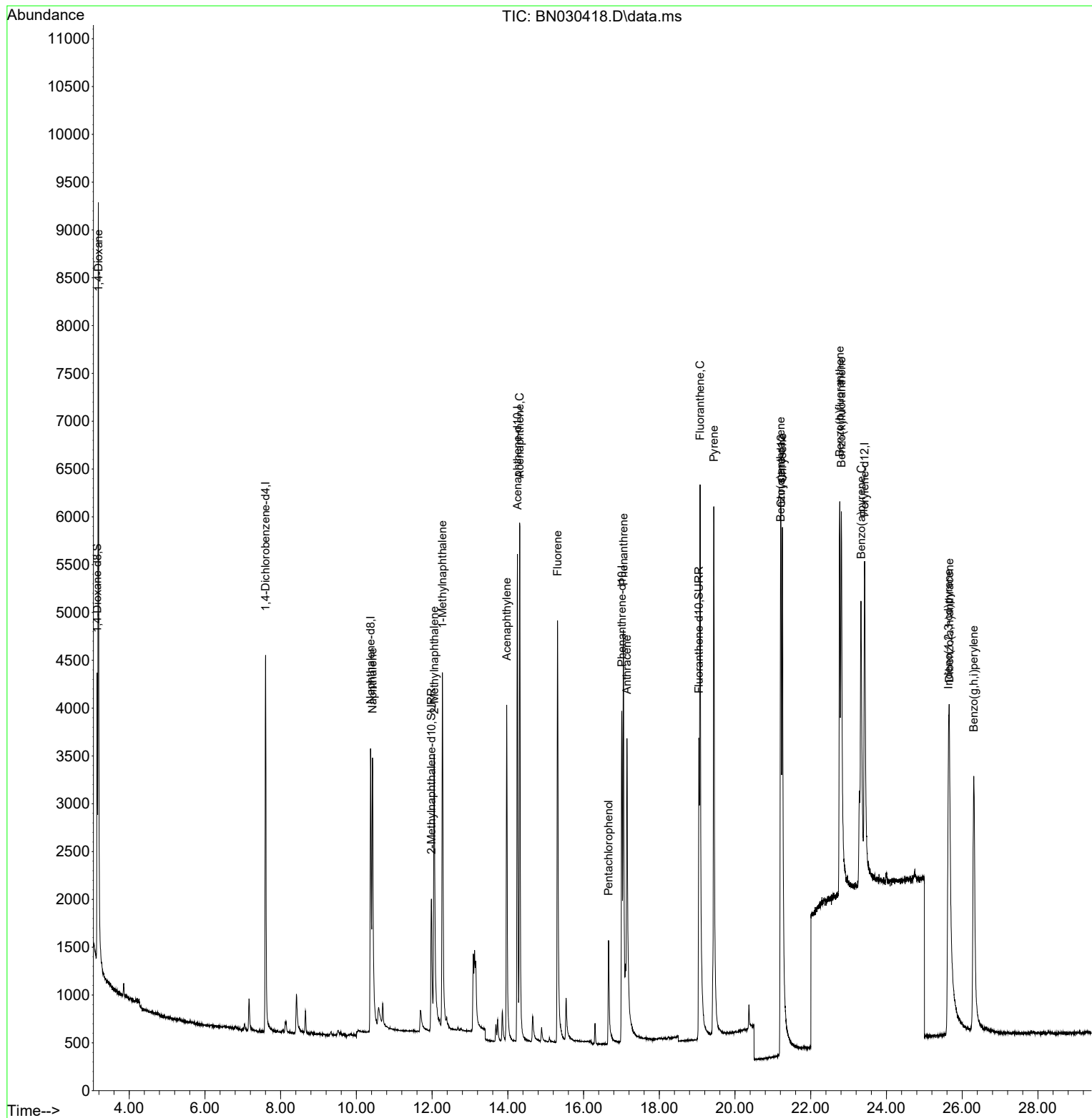
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	2304	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	5621	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.252	164	3197	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.011	188	5882	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	4662	0.400	ng/ul	0.00
23) Perylene-d12	23.423	264	5075	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	2037	0.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	2604	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.044	212	5380	0.375	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.185	88	5558	1.817	ng/ul#	88
5) Naphthalene	10.425	128	4915	0.324	ng/ul	99
7) 2-Methylnaphthalene	12.058	142	2886	0.325	ng/ul#	100
8) 1-Methylnaphthalene	12.273	142	3133	0.332	ng/ul#	28
10) Acenaphthylene	13.970	152	4939	0.324	ng/ul	99
11) Acenaphthene	14.312	153	3681	0.330	ng/ul	99
12) Fluorene	15.312	166	3980	0.324	ng/ul	97
14) Pentachlorophenol	16.660	266	1033	0.611	ng/ul#	100
15) Phenanthrene	17.053	178	5758	0.332	ng/ul	100
16) Anthracene	17.146	178	5072	0.320	ng/ul	99
19) Fluoranthene	19.077	202	6628	0.359	ng/ul	99
20) Pyrene	19.440	202	7174	0.364	ng/ul	99
21) Benzo(a)anthracene	21.202	228	5173	0.331	ng/ul	100
22) Chrysene	21.252	228	6290	0.350	ng/ul	98
24) Benzo(b)fluoranthene	22.765	252	5846	0.344	ng/ul	99
25) Benzo(k)fluoranthene	22.809	252	7455	0.360	ng/ul	96
26) Benzo(a)pyrene	23.329	252	6312	0.351	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.639	276	7921	0.334	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.662	278	5985	0.330	ng/ul	99
29) Benzo(g,h,i)perylene	26.306	276	7272	0.343	ng/ul	100

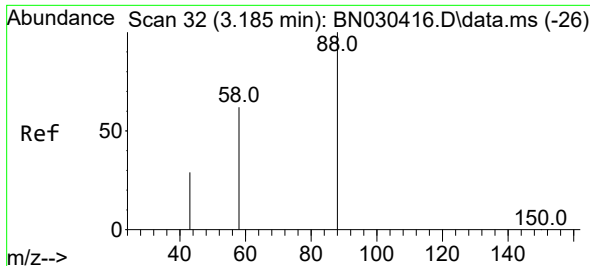
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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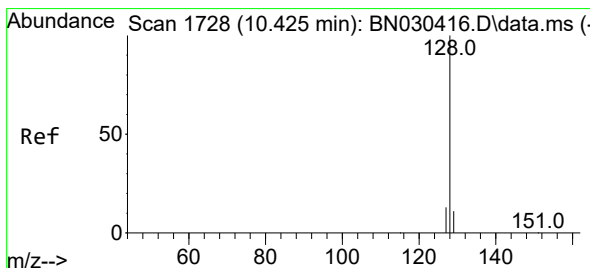
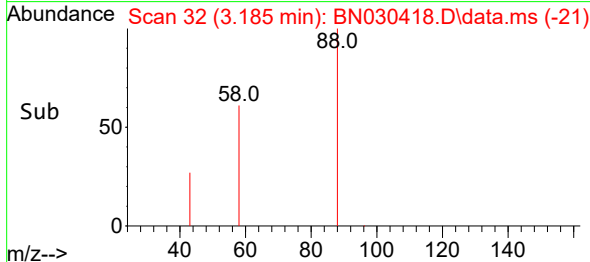
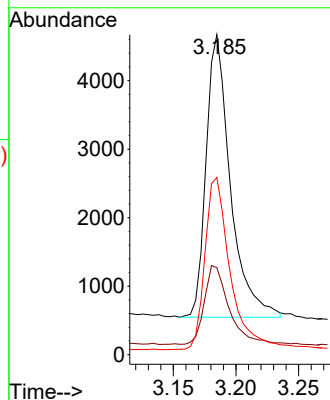
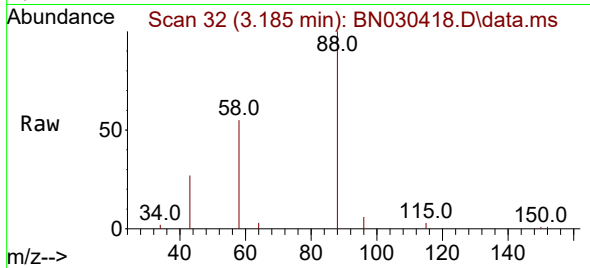




#2
 1,4-Dioxane
 Concen: 1.817 ng/ul
 RT: 3.185 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: BN030418.D
 Acq: 15 Mar 2024 18:49

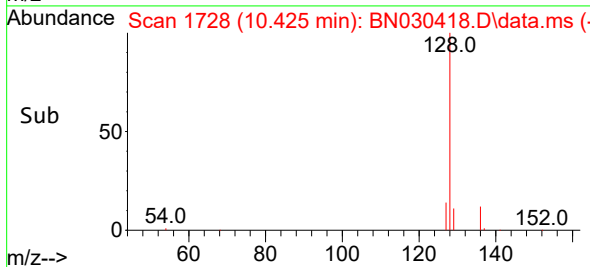
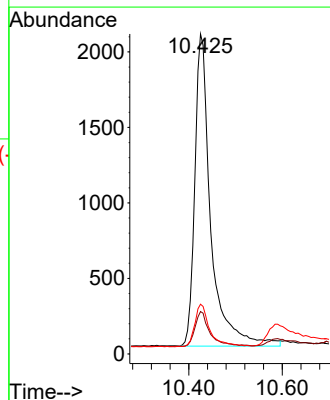
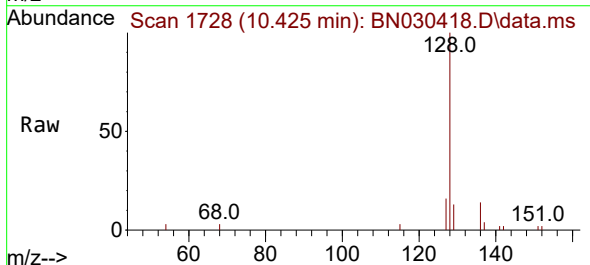
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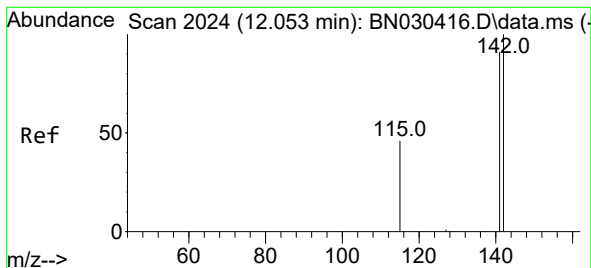
Tgt Ion: 88 Resp: 5558
 Ion Ratio Lower Upper
 88 100
 43 27.2 24.7 37.1
 58 55.4 36.6 54.8#



#5
 Naphthalene
 Concen: 0.324 ng/ul
 RT: 10.425 min Scan# 1728
 Delta R.T. -0.002 min
 Lab File: BN030418.D
 Acq: 15 Mar 2024 18:49

Tgt Ion:128 Resp: 4915
 Ion Ratio Lower Upper
 128 100
 129 13.2 10.5 15.7
 127 15.5 13.0 19.4

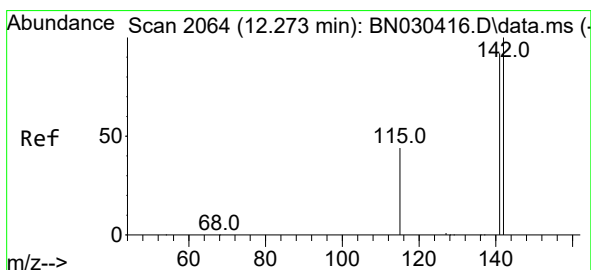
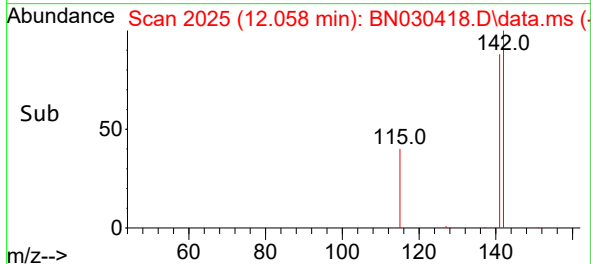
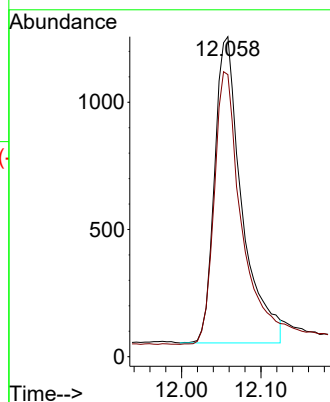
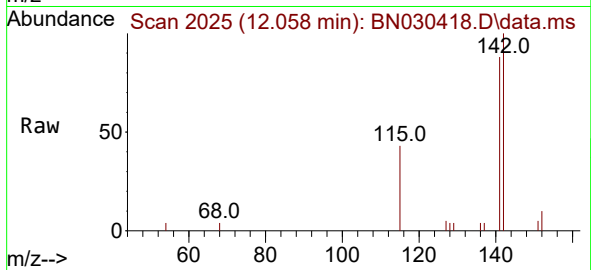




#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.058 min Scan# 2025
Delta R.T. 0.004 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

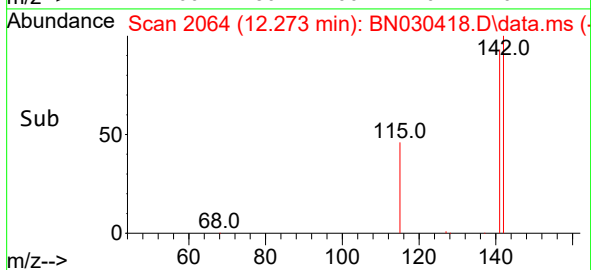
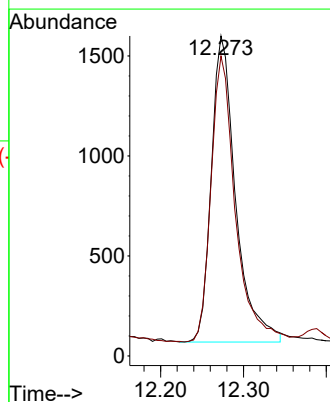
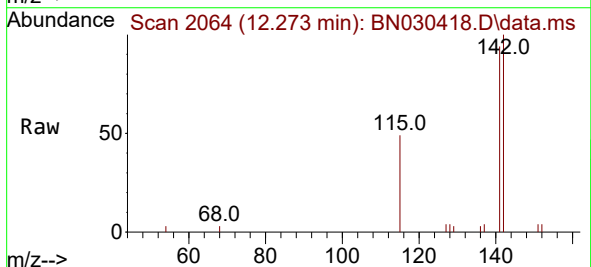
Instrument :
BNA_N
ClientSampleId :
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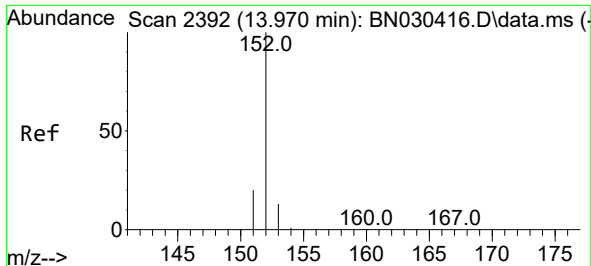
Tgt Ion:142 Resp: 2886
Ion Ratio Lower Upper
142 100
141 89.4 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.273 min Scan# 2064
Delta R.T. -0.002 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

Tgt Ion:142 Resp: 3133
Ion Ratio Lower Upper
142 100
141 92.9 0.2 0.2#

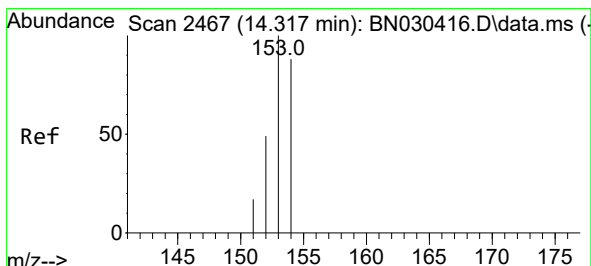
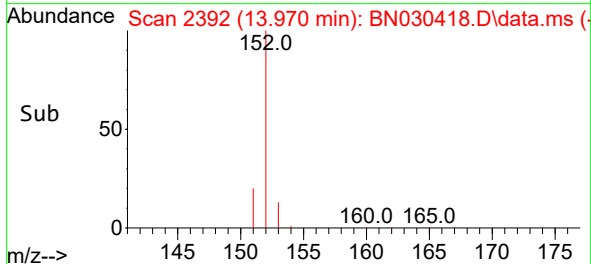
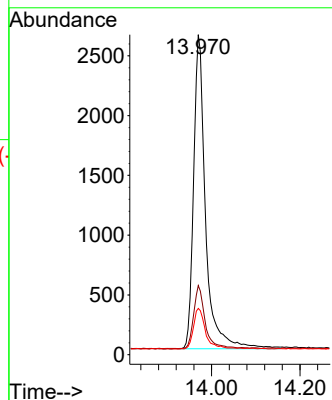
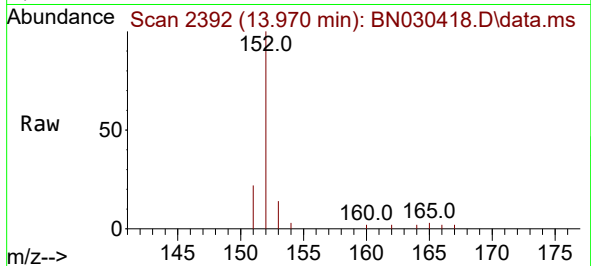




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 13.970 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

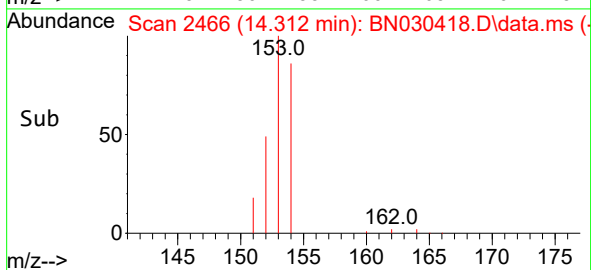
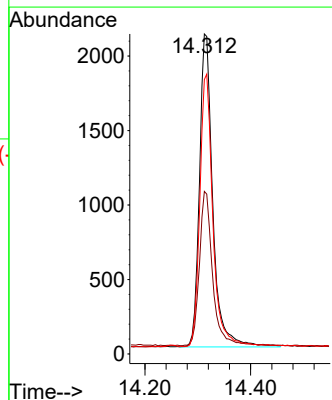
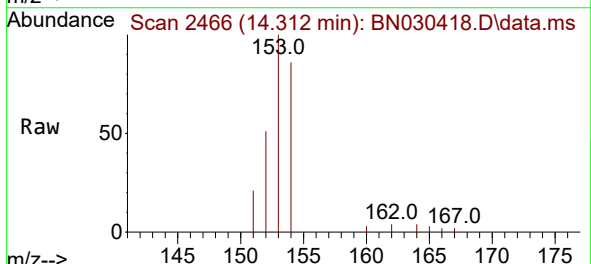
Instrument :
BNA_N
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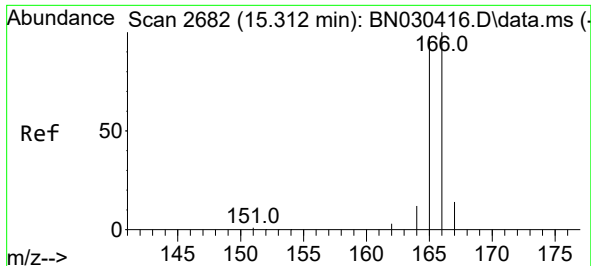
Tgt Ion:152 Resp: 4939
Ion Ratio Lower Upper
152 100
151 21.6 17.1 25.7
153 14.5 12.2 18.2



#11
Acenaphthene
Concen: 0.330 ng/ul
RT: 14.312 min Scan# 2466
Delta R.T. -0.006 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

Tgt Ion:153 Resp: 3681
Ion Ratio Lower Upper
153 100
152 50.8 40.2 60.2
154 85.8 69.0 103.4

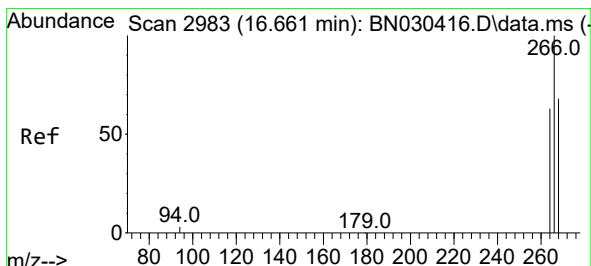
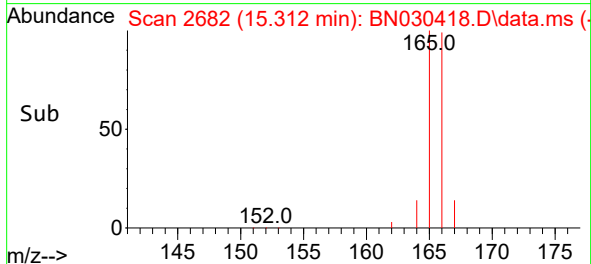
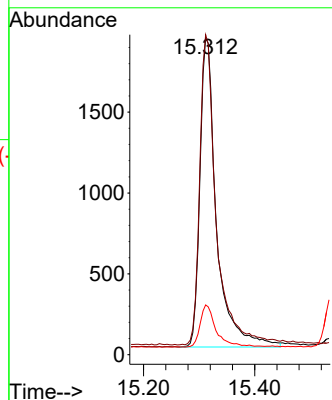
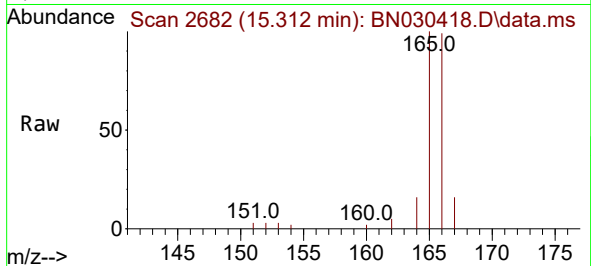




#12
Fluorene
Concen: 0.324 ng/ul
RT: 15.312 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

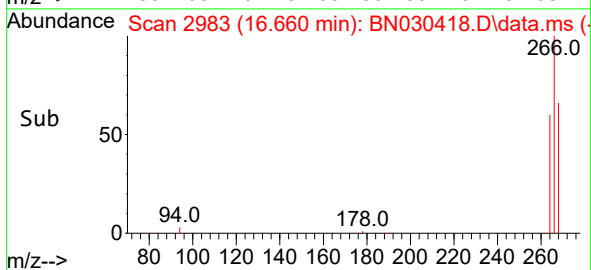
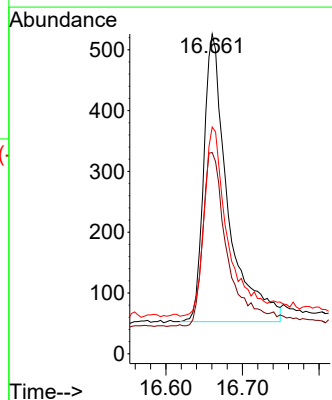
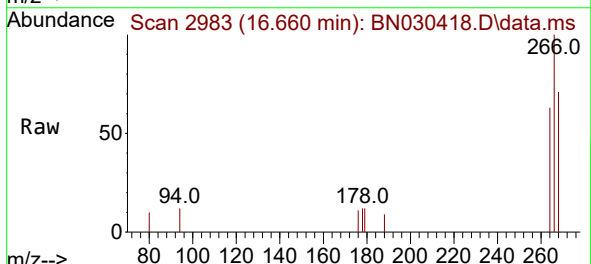
Instrument :
BNA_N
ClientSampleId :
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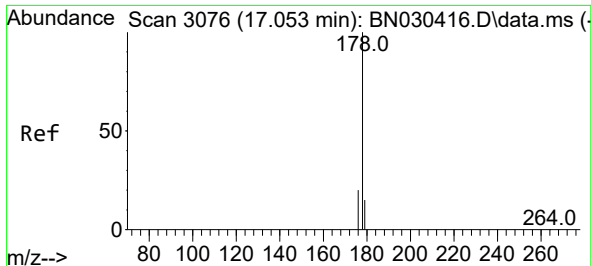
Tgt Ion:166 Resp: 3980
Ion Ratio Lower Upper
166 100
165 101.1 78.5 117.7
167 15.7 12.7 19.1



#14
Pentachlorophenol
Concen: 0.611 ng/ul
RT: 16.660 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

Tgt Ion:266 Resp: 1033
Ion Ratio Lower Upper
266 100
264 62.2 0.0 0.0#
268 65.6 0.0 0.0#

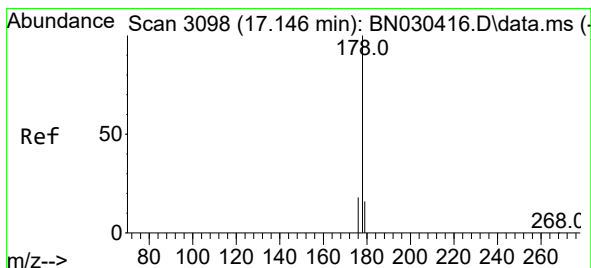
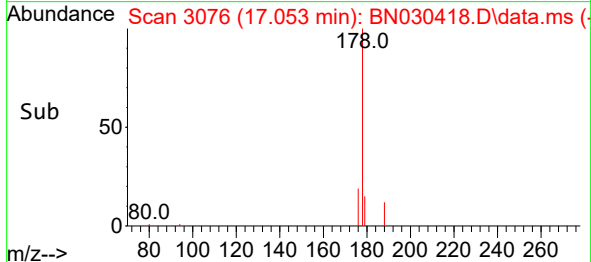
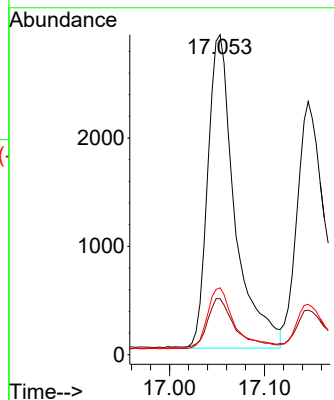
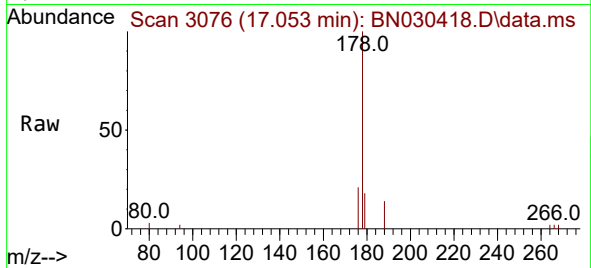




#15
Phenanthrene
Concen: 0.332 ng/ul
RT: 17.053 min Scan# 3076
Delta R.T. -0.002 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

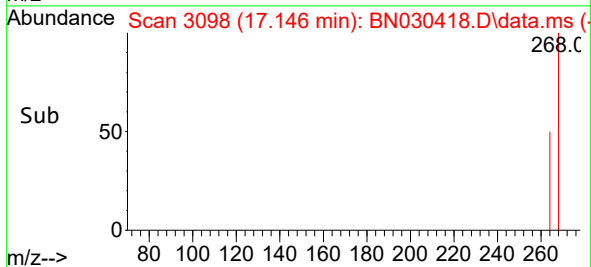
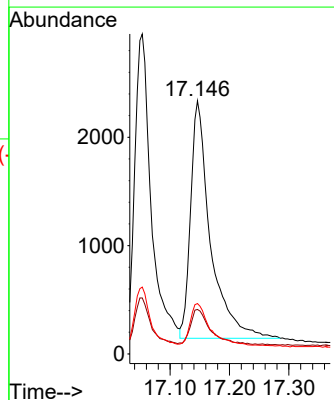
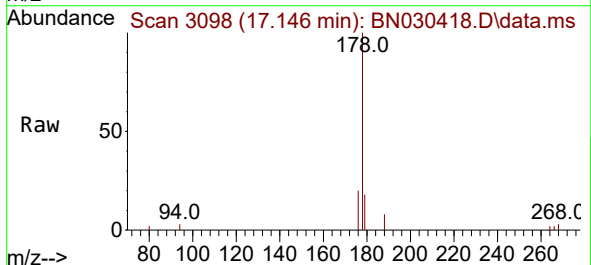
Instrument :
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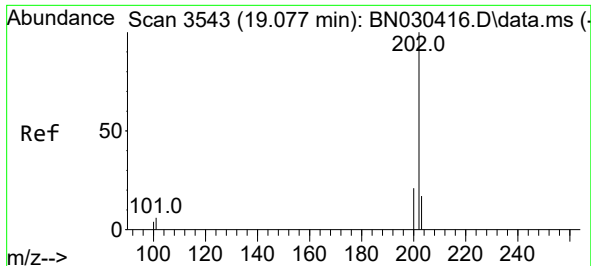
Tgt Ion:178 Resp: 5758
Ion Ratio Lower Upper
178 100
179 17.5 14.2 21.4
176 20.9 16.8 25.2



#16
Anthracene
Concen: 0.320 ng/ul
RT: 17.146 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

Tgt Ion:178 Resp: 5072
Ion Ratio Lower Upper
178 100
179 17.6 14.4 21.6
176 19.9 16.5 24.7

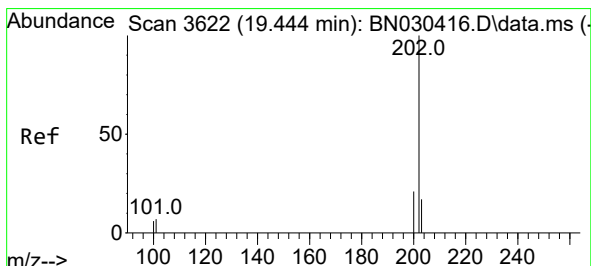
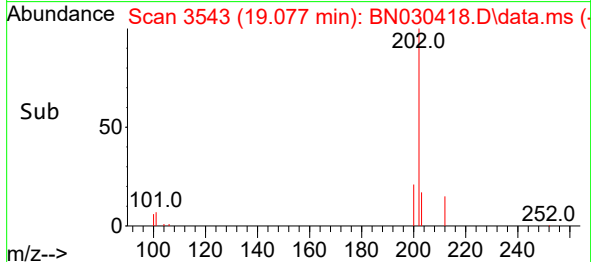
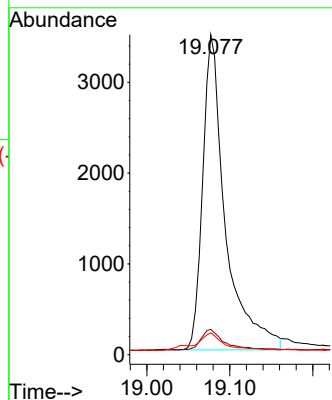
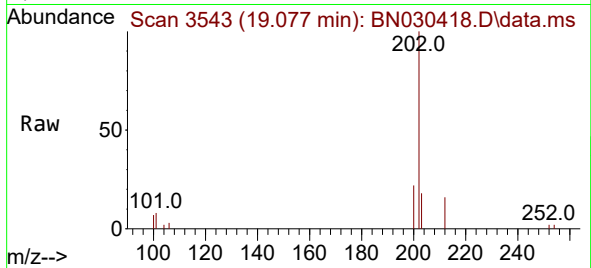




#19
Fluoranthene
Concen: 0.359 ng/ul
RT: 19.077 min Scan# 3543
Delta R.T. -0.002 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

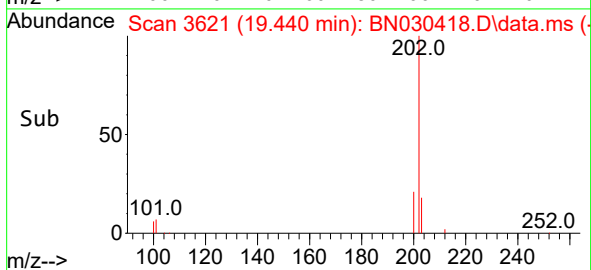
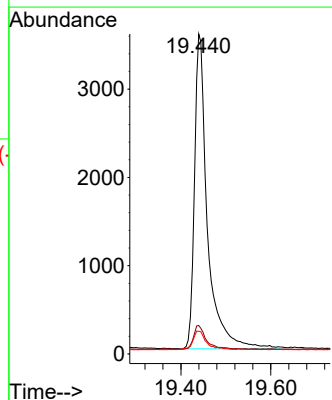
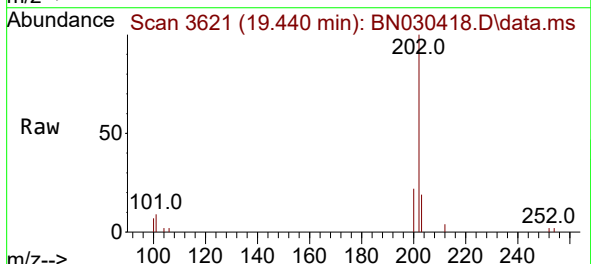
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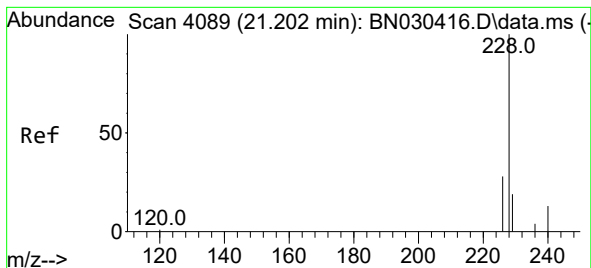
Tgt Ion:202 Resp: 6628
Ion Ratio Lower Upper
202 100
101 7.9 5.8 8.8
100 6.9 5.2 7.8



#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.440 min Scan# 3621
Delta R.T. -0.002 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

Tgt Ion:202 Resp: 7174
Ion Ratio Lower Upper
202 100
101 8.9 7.0 10.6
100 7.1 6.2 9.4





#21

Benzo(a)anthracene

Concen: 0.331 ng/ul

RT: 21.202 min Scan# 4089

Delta R.T. 0.001 min

Lab File: BN030418.D

Acq: 15 Mar 2024 18:49

Instrument :

BNA_N

ClientSampleId :

SLCS623

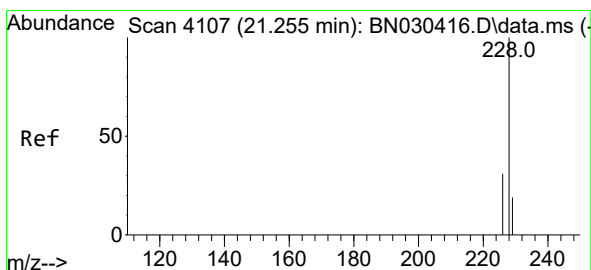
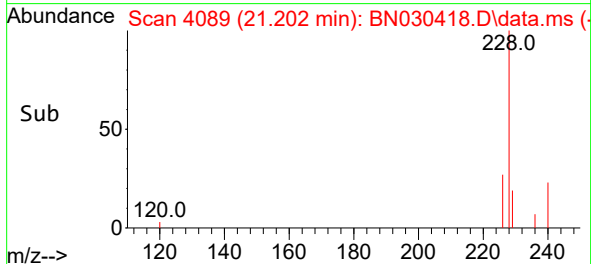
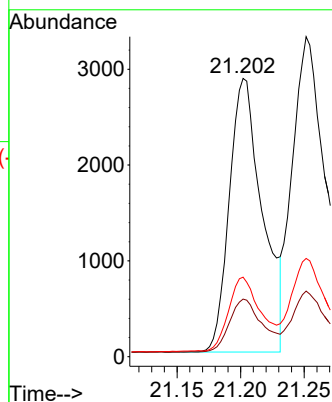
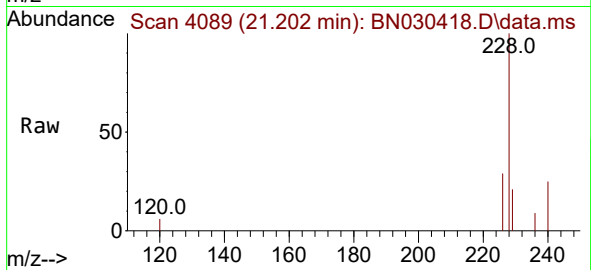
Tgt Ion:228 Resp: 5173

Ion Ratio Lower Upper

228 100

229 20.7 16.4 24.6

226 28.6 22.7 34.1



#22

Chrysene

Concen: 0.350 ng/ul

RT: 21.252 min Scan# 4106

Delta R.T. 0.001 min

Lab File: BN030418.D

Acq: 15 Mar 2024 18:49

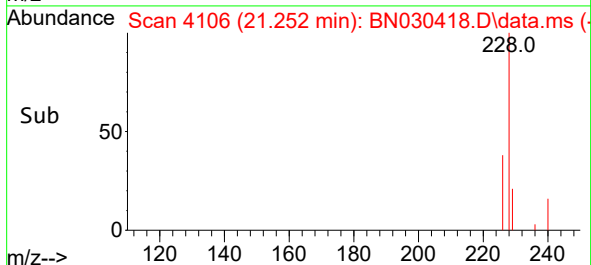
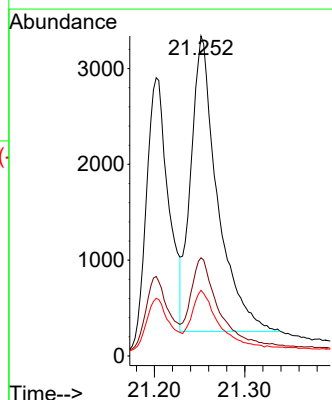
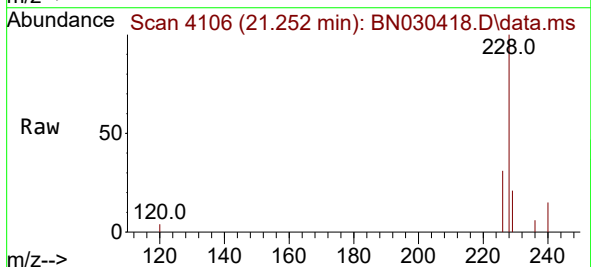
Tgt Ion:228 Resp: 6290

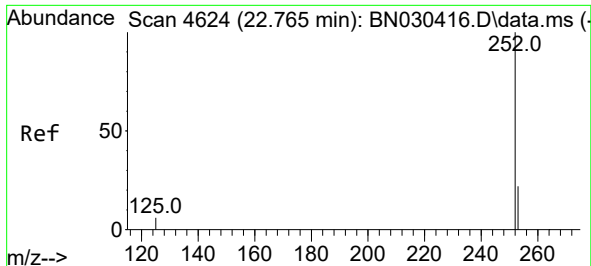
Ion Ratio Lower Upper

228 100

226 30.7 25.6 38.4

229 20.5 16.6 25.0

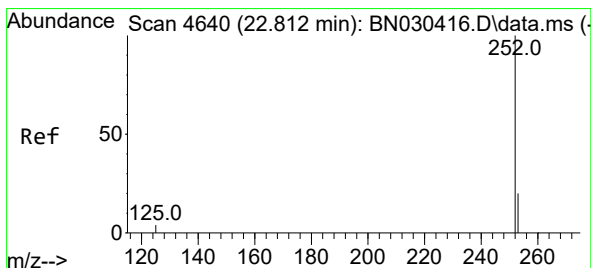
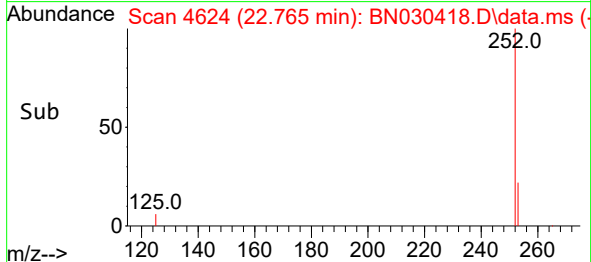
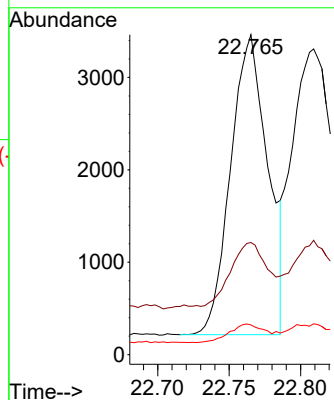
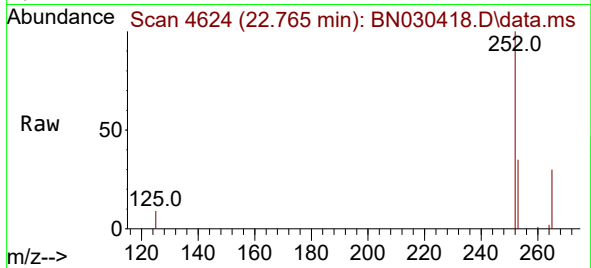




#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 22.765 min Scan# 4624
Delta R.T. 0.001 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

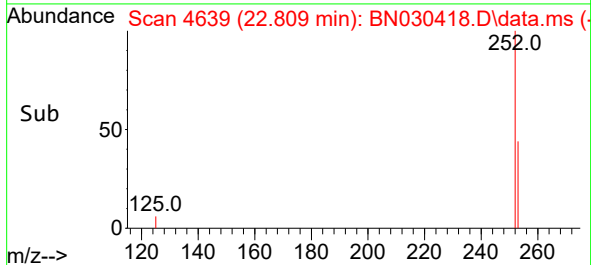
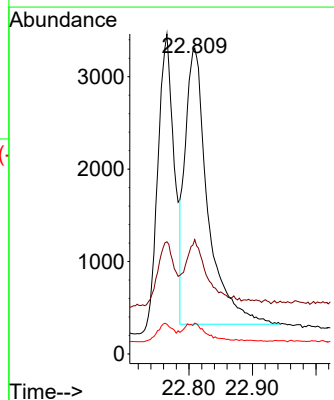
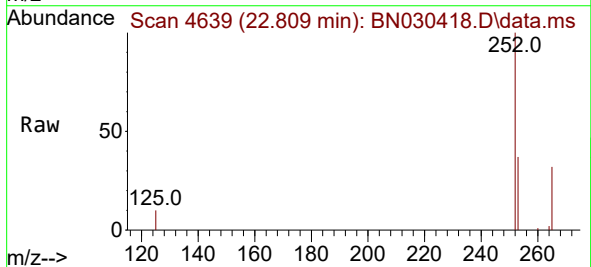
Instrument :
BNA_N
ClientSampleId :
SLCS623

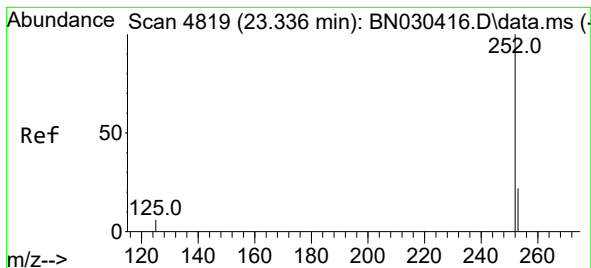
Tgt Ion:252 Resp: 5846
Ion Ratio Lower Upper
252 100
253 35.1 0.0 71.4
125 9.3 0.0 18.6



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul
RT: 22.809 min Scan# 4639
Delta R.T. 0.001 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

Tgt Ion:252 Resp: 7455
Ion Ratio Lower Upper
252 100
253 37.4 27.7 41.5
125 10.1 8.0 12.0





#26

Benzo(a)pyrene

Concen: 0.351 ng/ul

RT: 23.329 min Scan# 4819

Delta R.T. 0.001 min

Lab File: BN030418.D

Acq: 15 Mar 2024 18:49

Instrument :

BNA_N

ClientSampleId :

SLCS623

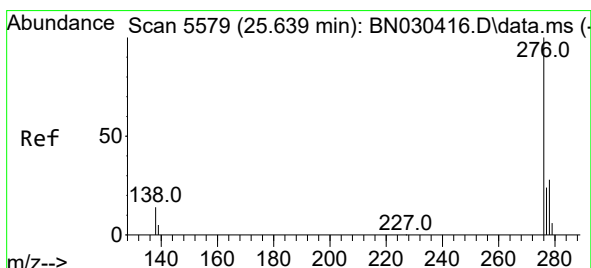
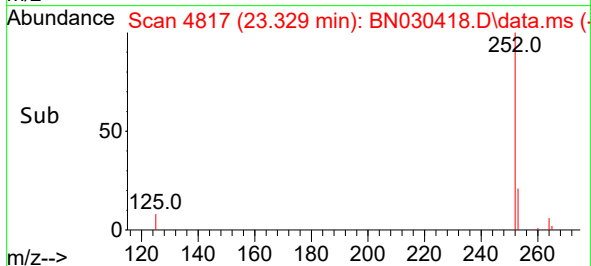
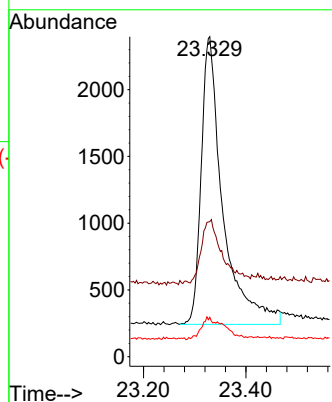
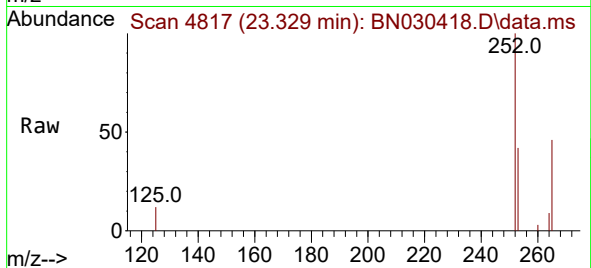
Tgt Ion:252 Resp: 6312

Ion Ratio Lower Upper

252 100

253 42.2 34.4 51.6

125 12.3 9.0 13.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.334 ng/ul

RT: 25.639 min Scan# 5579

Delta R.T. 0.001 min

Lab File: BN030418.D

Acq: 15 Mar 2024 18:49

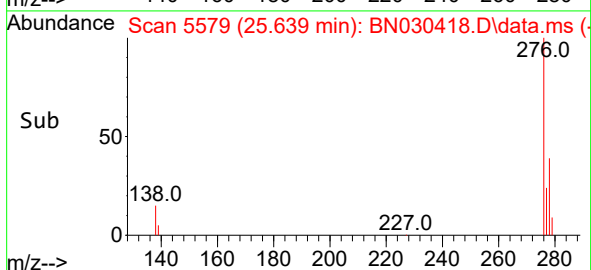
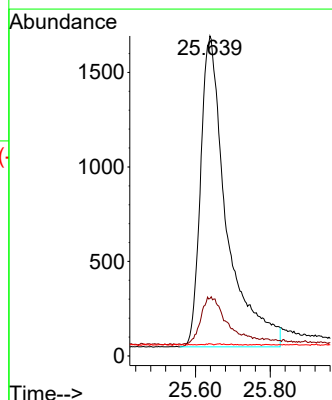
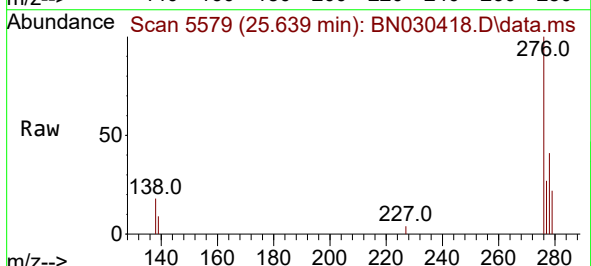
Tgt Ion:276 Resp: 7921

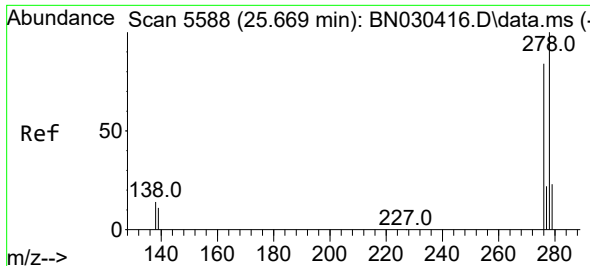
Ion Ratio Lower Upper

276 100

138 16.9 9.8 14.6#

227 0.1 0.0 0.0#

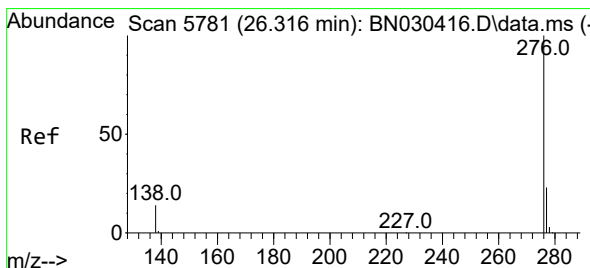
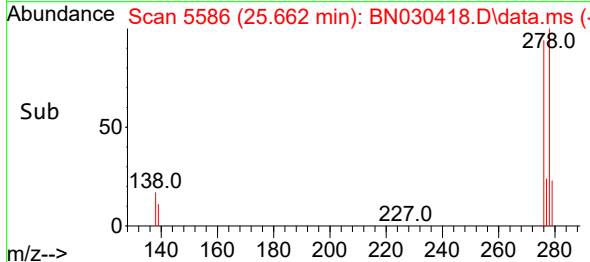
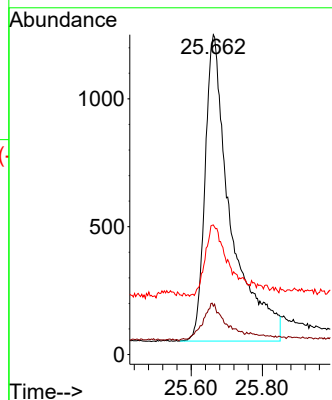
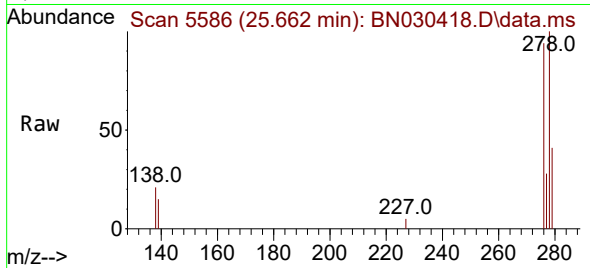




#28
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 25.662 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

Instrument :
BNA_N
ClientSampleId :
SLCS623

Tgt Ion:278 Resp: 5985
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.2
279 40.5 31.8 47.6



#29
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 26.306 min Scan# 5778
Delta R.T. -0.002 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

Tgt Ion:276 Resp: 7272
Ion Ratio Lower Upper
276 100
138 16.8 13.4 20.2
277 26.0 20.6 31.0

