

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)

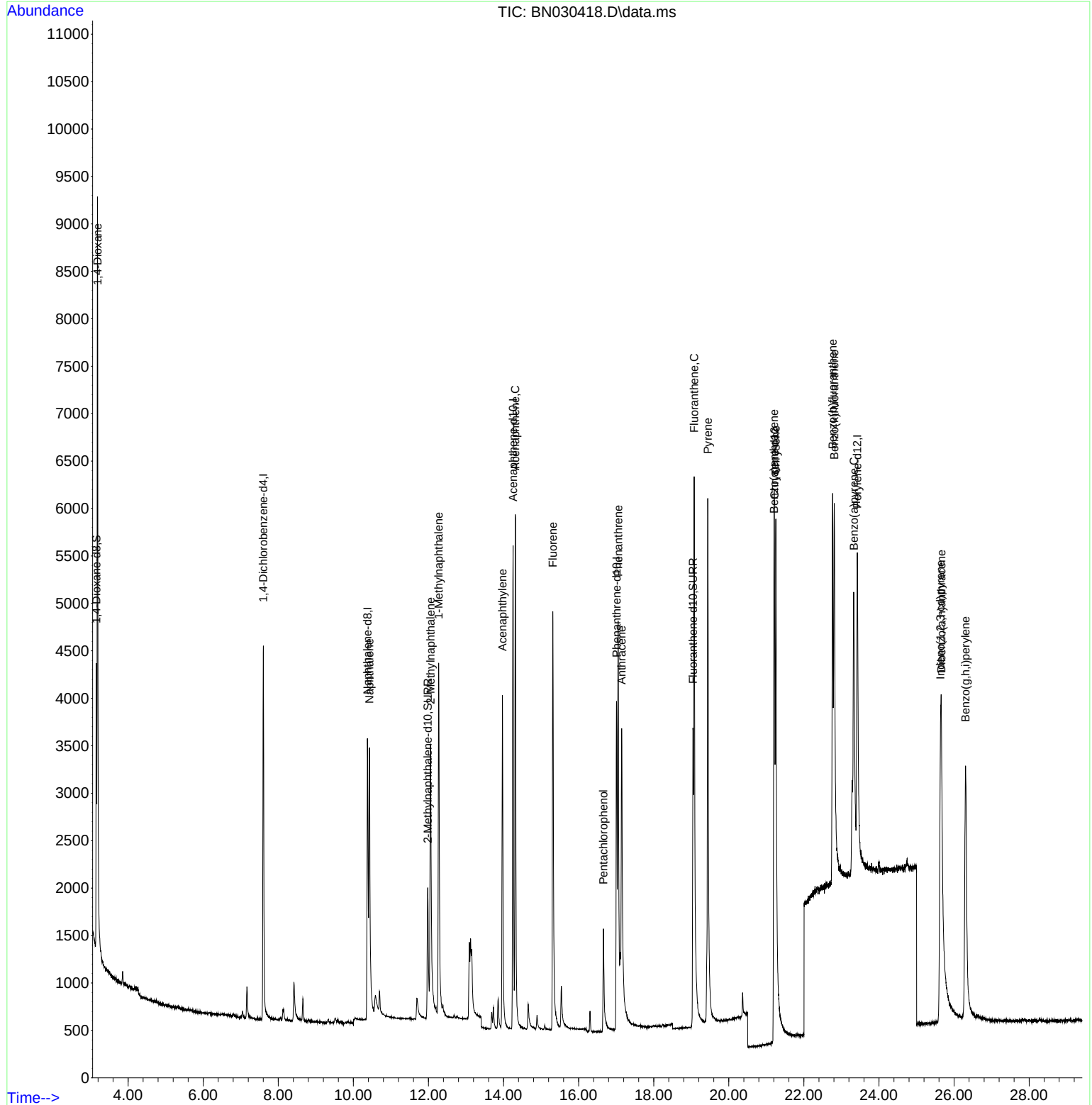
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	2304	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	5621	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.252	164	3197	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.011	188	5882	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	4662	0.400	ng/ul	0.00
23) Perylene-d12	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

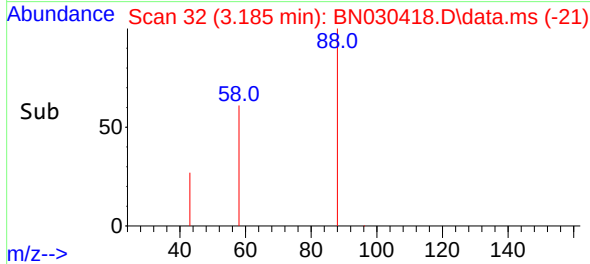
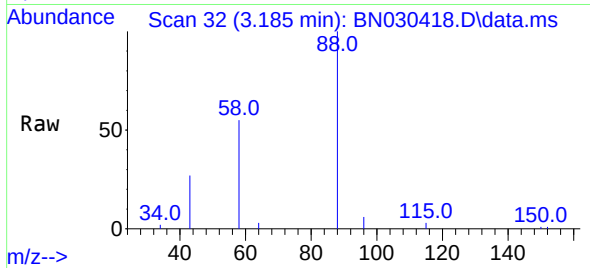
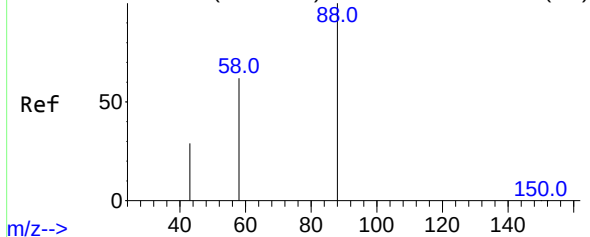
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031524\
Data File : BN030418.D
Acq On : 15 Mar 2024 18:49
Operator : MA/JU
Sample : PB159623BS
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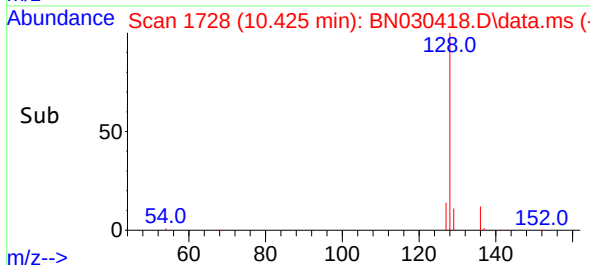
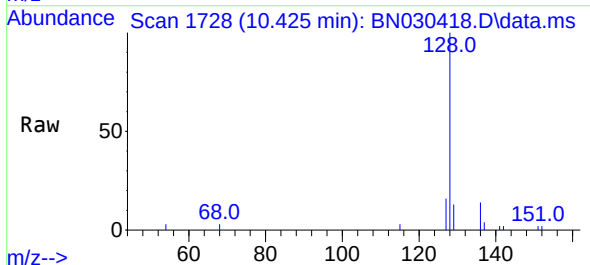
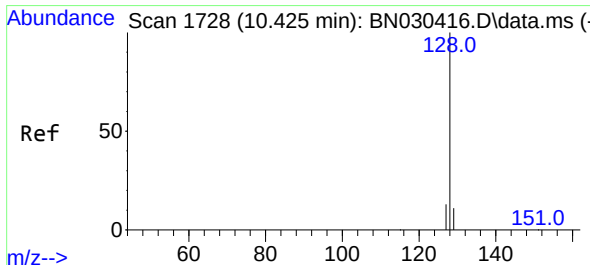
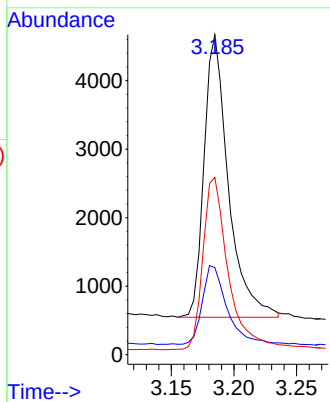
Abundance Scan 32 (3.185 min): BN030416.D\data.ms (-26)



#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

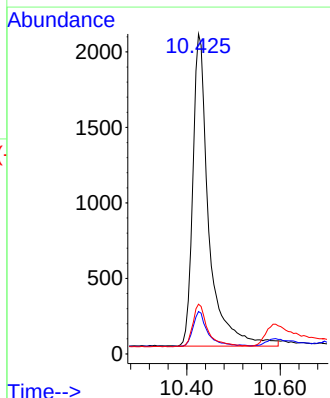
Instrument :
BNA_N
ClientSampleId :
SLCS623

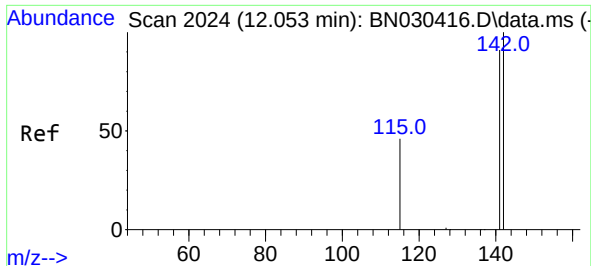
Tgt Ion:	88	Resp:	5558
Ion	Ratio	Lower	Upper
88	100		
43	27.2	24.7	37.1
58	55.4	36.6	54.8



#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

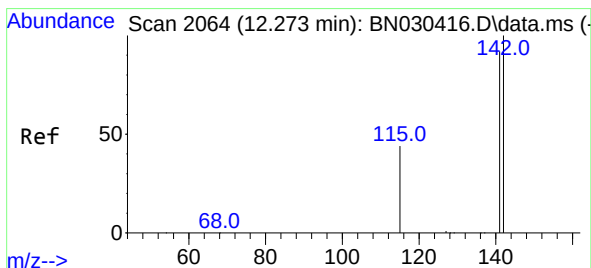
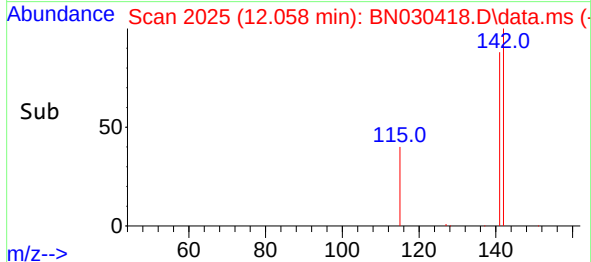
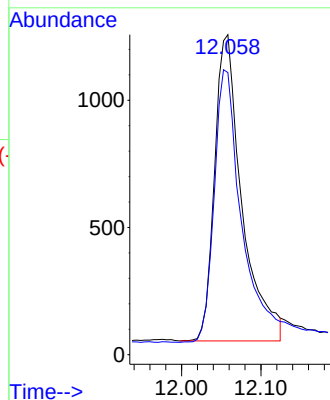
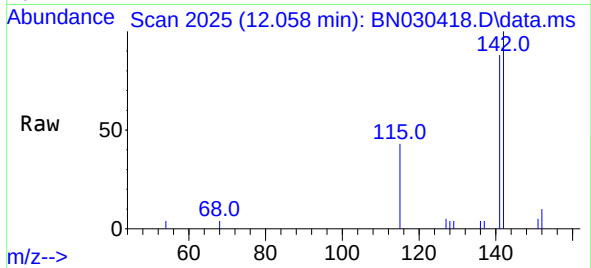




#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.058 min Scan# 2025
Delta R.T. 0.004 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

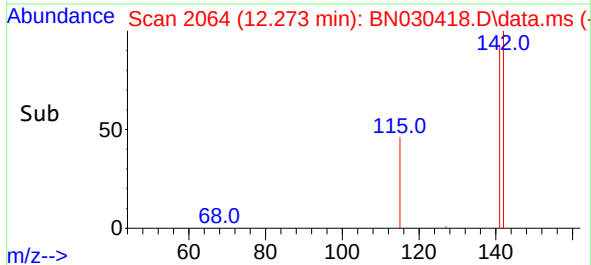
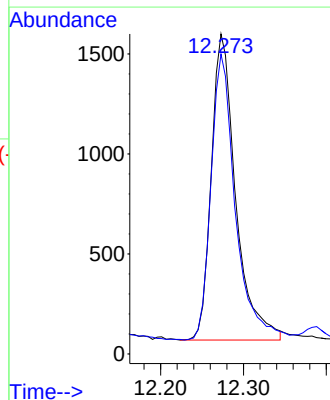
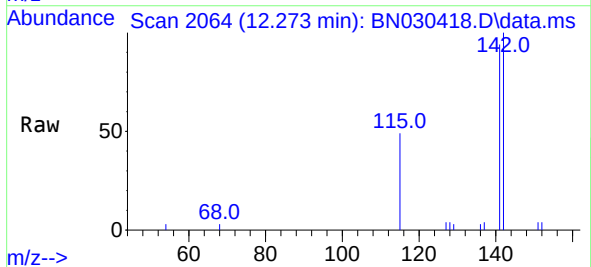
Instrument :
BNA_N
ClientSampleId :
SLCS623

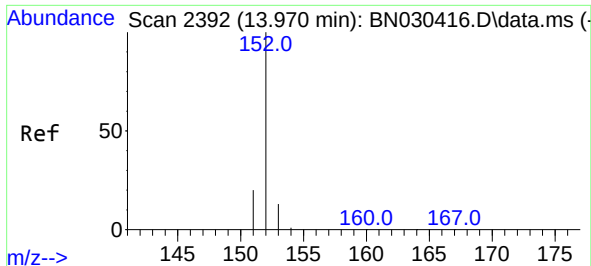
Tgt Ion:142 Resp: 2886
Ion Ratio Lower Upper
142 100
141 89.4 0.0 0.0#



#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#

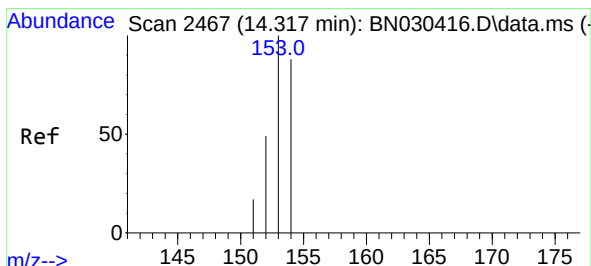
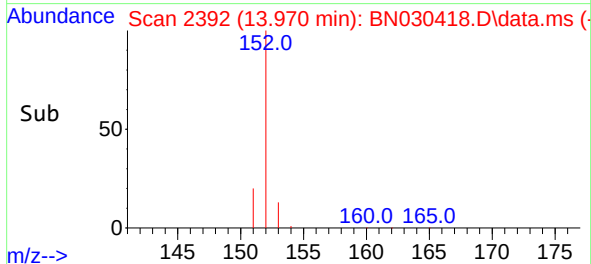
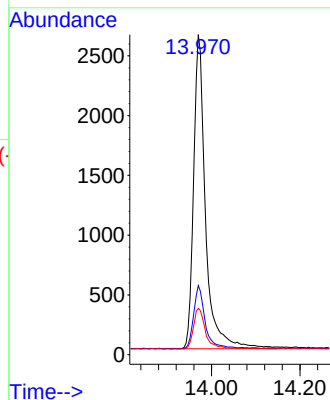
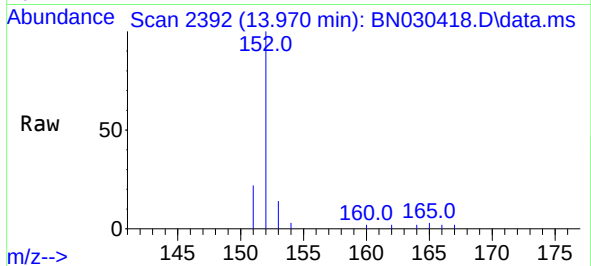




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 13.970 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

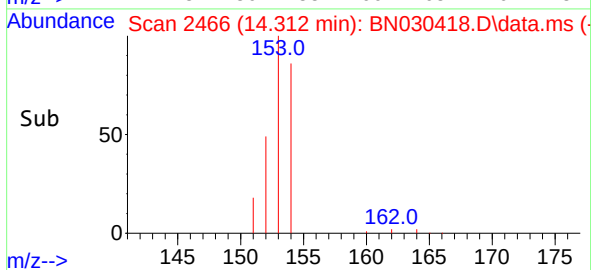
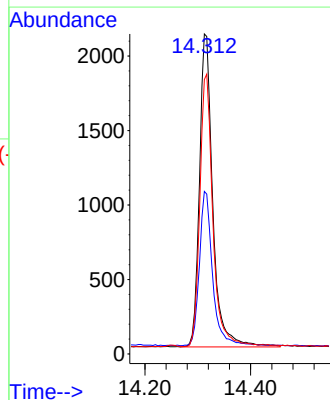
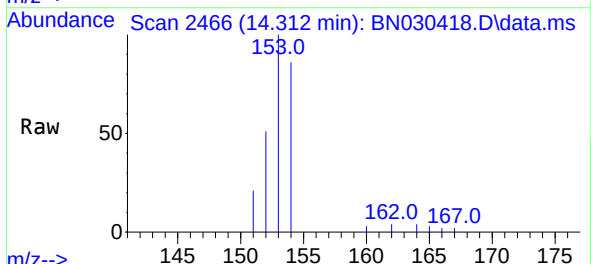
Instrument :
BNA_N
ClientSampleId :
SLCS623

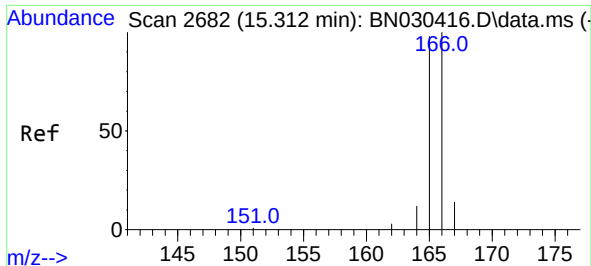
Tgt Ion:	152	Resp:	4939
Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.1	25.7
153	14.5	12.2	18.2



#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

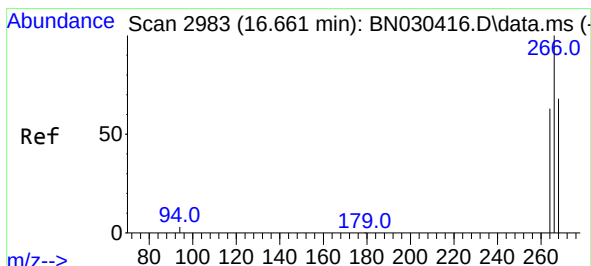
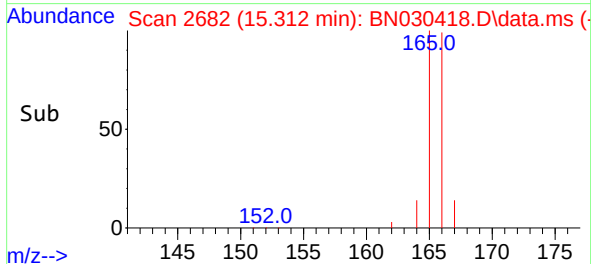
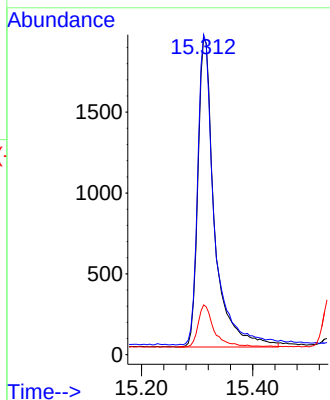
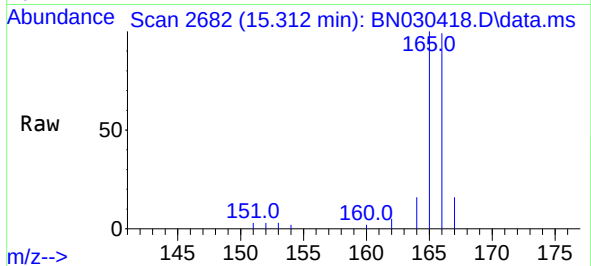




#12
Fluorene
Concen: 0.324 ng/ul
RT: 15.312 min Scan# 20
Delta R.T. -0.006 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

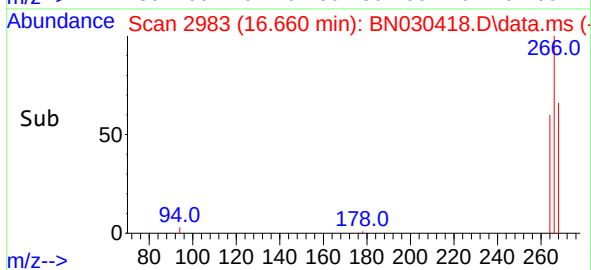
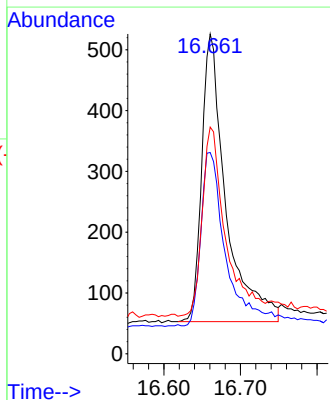
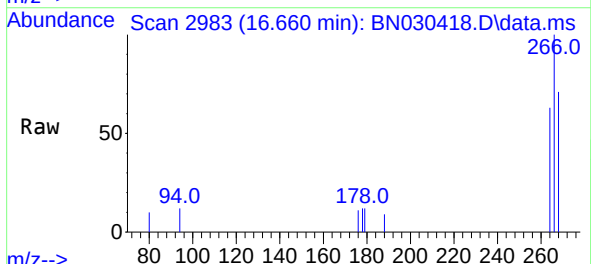
Instrument :
BNA_N
ClientSampleId :
SLCS623

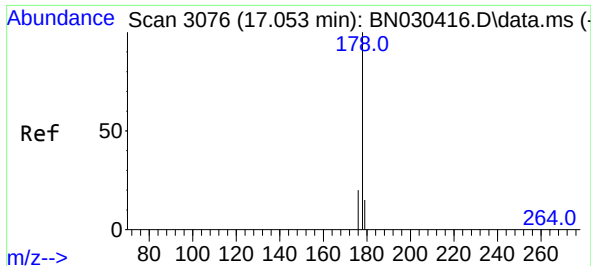
Tgt Ion:166 Resp: 3980
Ion Ratio Lower Upper
166 100
165 101.1 78.5 117.7
167 15.7 12.7 19.1



#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

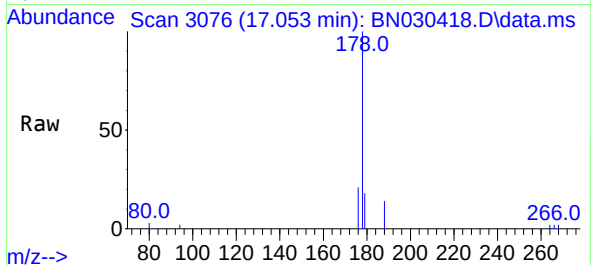
Tgt Ion:266 Resp: 1033
Ion Ratio Lower Upper
266 100
264 62.2 0.0 0.0#
268 65.6 0.0 0.0#



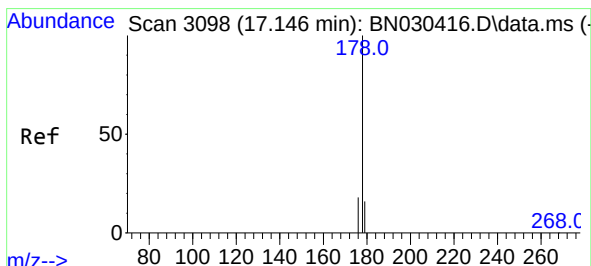
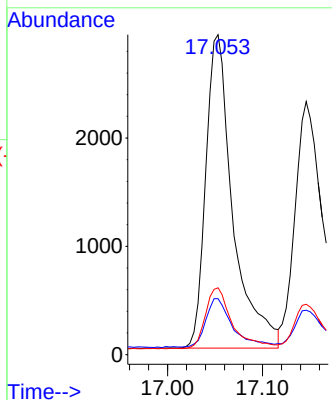


#15
Phenanthrene
Concen: 0.332 ng/ul
RT: 17.053 min Scan# 3076
Delta R.T. -0.002 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

Instrument :
BNA_N
ClientSampleId :
SLCS623

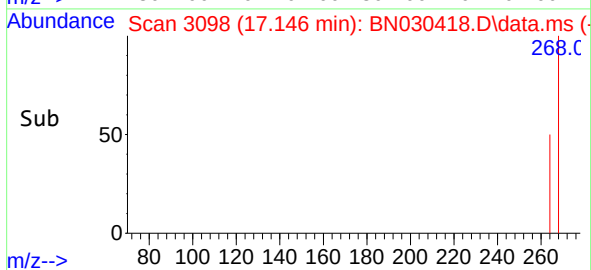
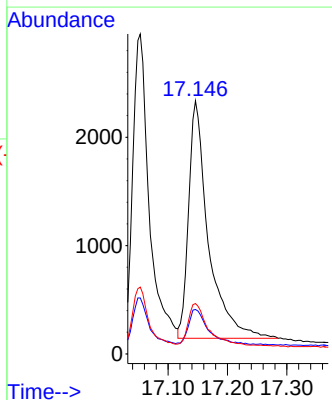
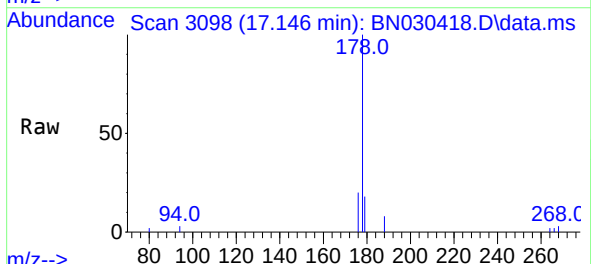


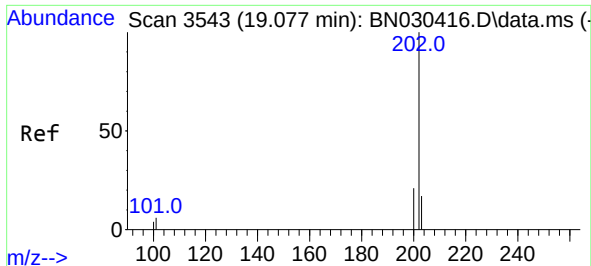
Tgt Ion:178 Resp: 5758
Ion Ratio Lower Upper
178 100
179 17.5 14.2 21.4
176 20.9 16.8 25.2



#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

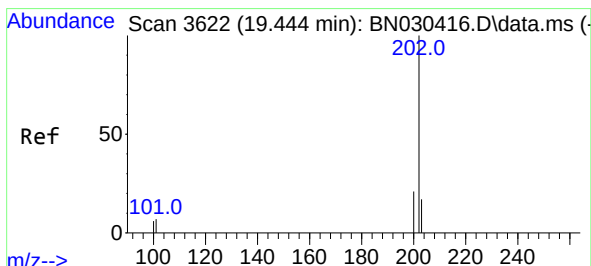
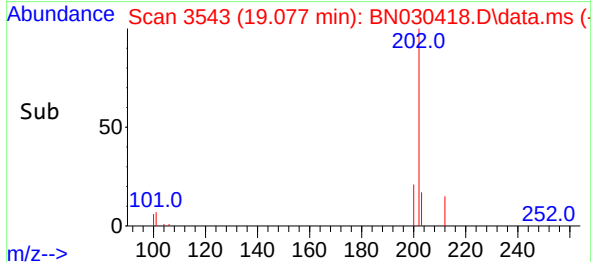
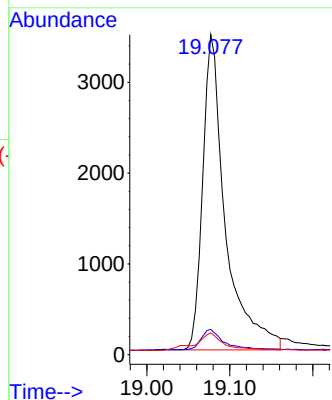
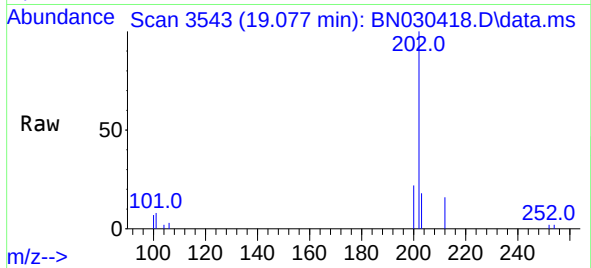




#19
Fluoranthene
Concen: 0.359 ng/u1
RT: 19.077 min Scan# 3543
Delta R.T. -0.002 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

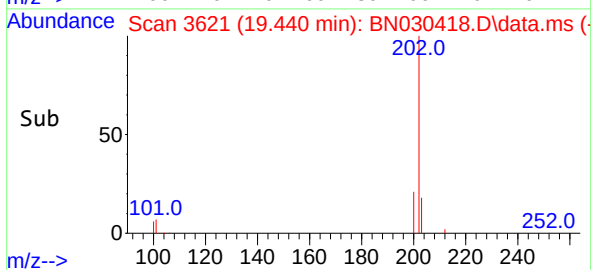
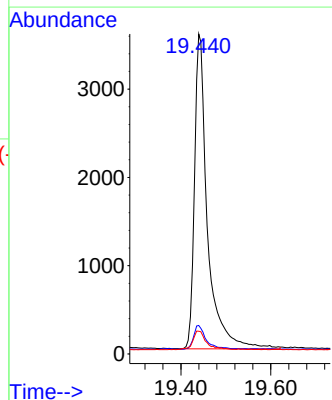
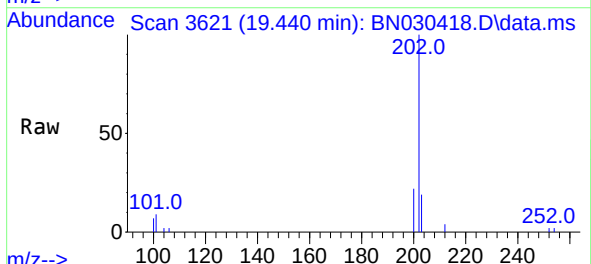
Instrument :
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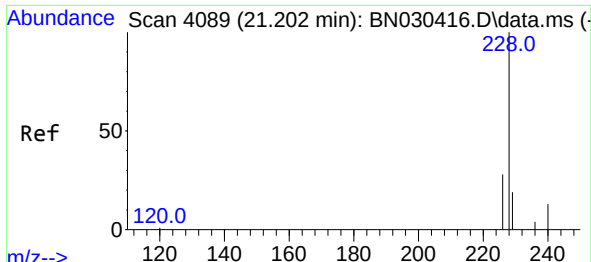
Tgt Ion:	202	Resp:	6628
Ion	Ratio	Lower	Upper
202	100		
101	7.9	5.8	8.8
100	6.9	5.2	7.8



#20
Pyrene
Concen: 0.364 ng/u1
RT: 19.440 min Scan# 3621
Delta R.T. -0.002 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

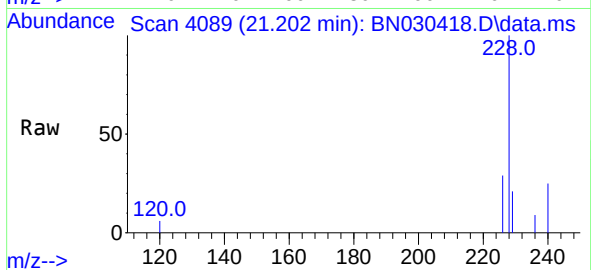
Tgt Ion:	202	Resp:	7174
Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.6
100	7.1	6.2	9.4





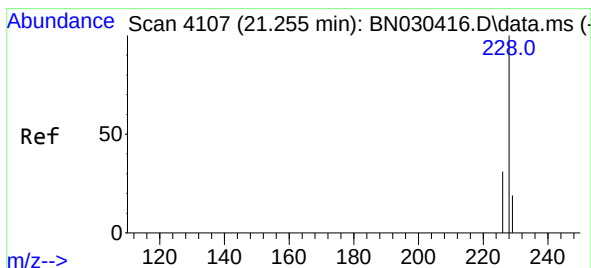
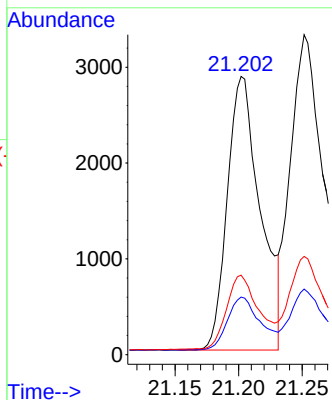
#21
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.202 min Scan# 4089
Delta R.T. 0.001 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

Instrument :
BNA_N
ClientSampleId :
SLCS623



Tgt Ion:228 Resp: 5173

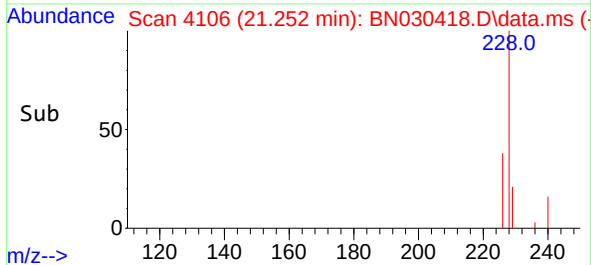
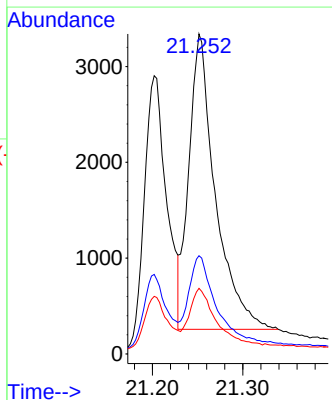
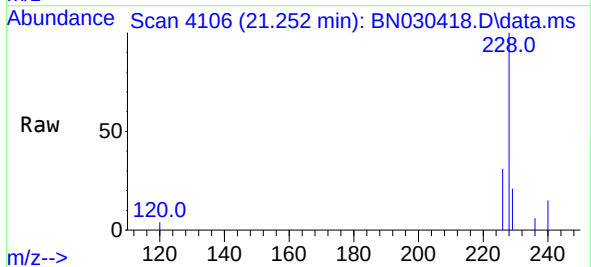
Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.4	24.6
226	28.6	22.7	34.1

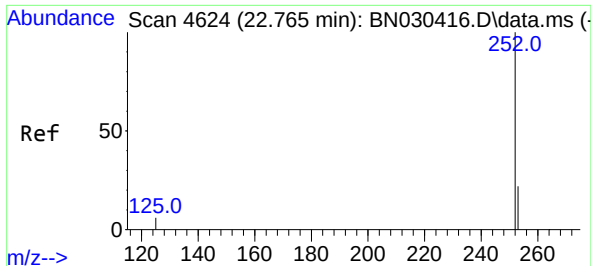


#22
Chrysene
Concen: 0.350 ng/ul
RT: 21.252 min Scan# 4106
Delta R.T. 0.001 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

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

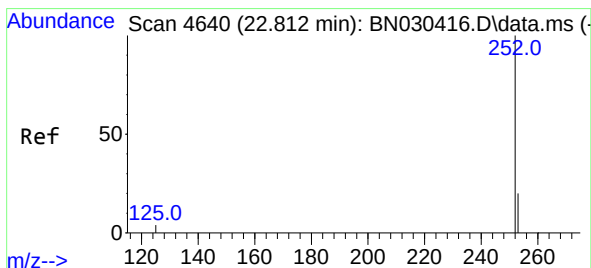
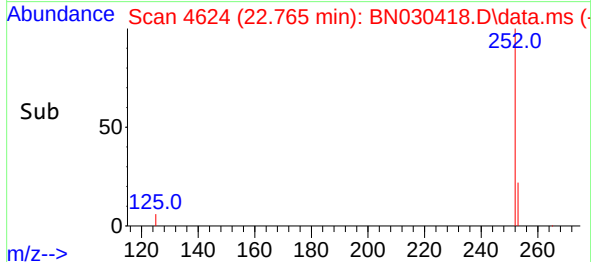
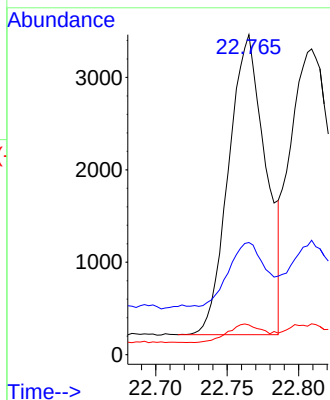
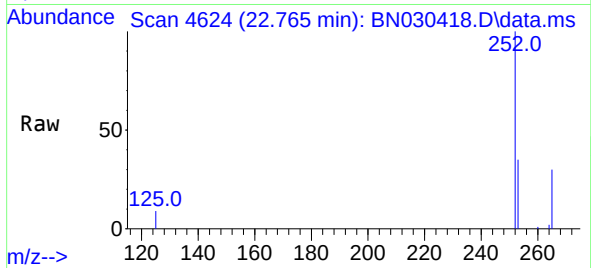




#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 22.765 min Scan# 4638
Delta R.T. 0.001 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

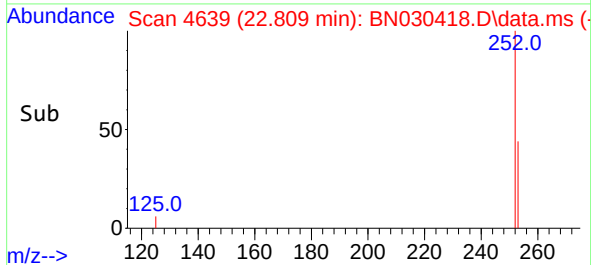
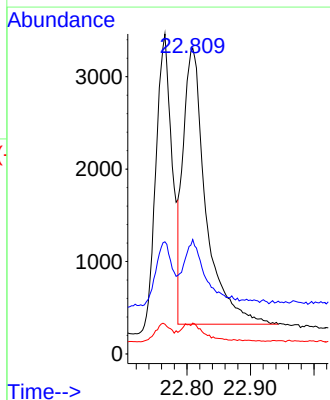
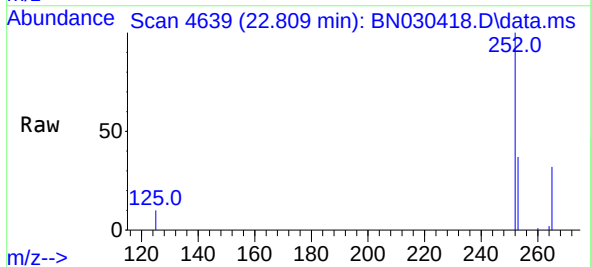
Instrument :
BNA_N
ClientSampleId :
SLCS623

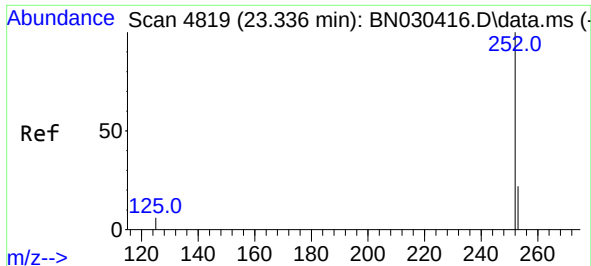
Tgt Ion:	252	Resp:	5846
Ion	Ratio	Lower	Upper
252	100		
253	35.1	0.0	71.4
125	9.3	0.0	18.6



#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

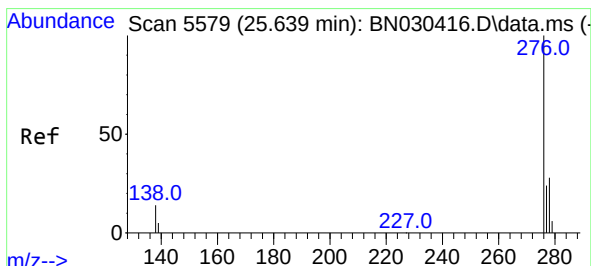
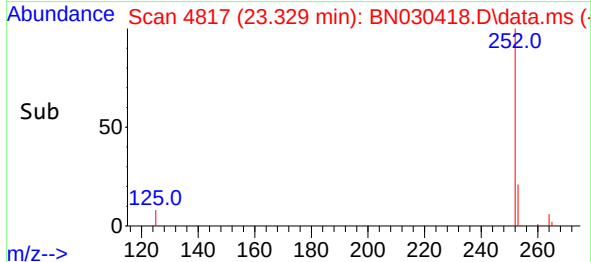
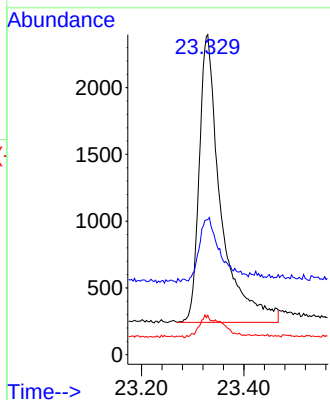
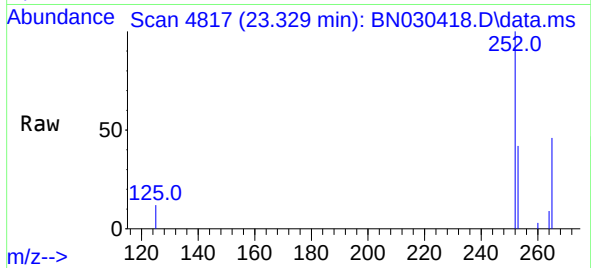




#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.329 min Scan# 4819
Delta R.T. 0.001 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

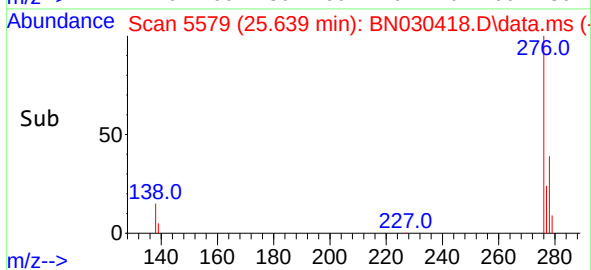
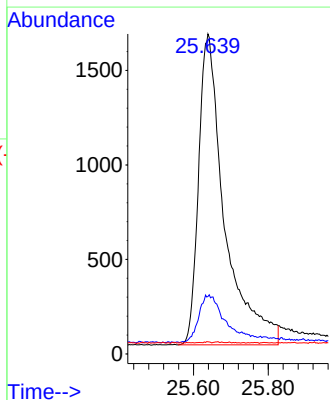
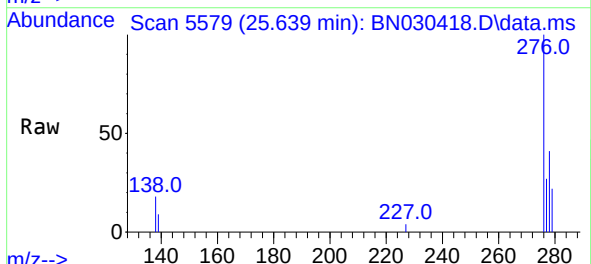
Instrument :
BNA_N
ClientSampleId :
SLCS623

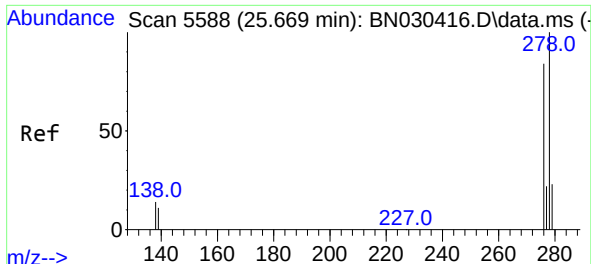
Tgt Ion:252 Resp: 6312
Ion Ratio Lower Upper
252 100
253 42.2 34.4 51.6
125 12.3 9.0 13.4



#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

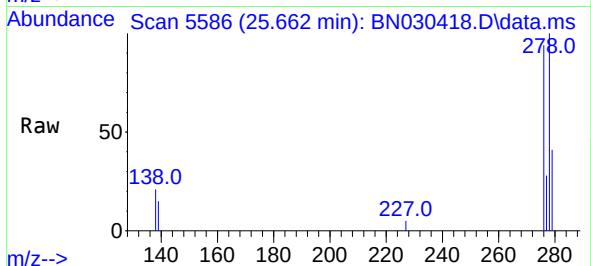
Tgt Ion:276 Resp: 7921
Ion Ratio Lower Upper
276 100
138 16.9 9.8 14.6#
227 0.1 0.0 0.0#



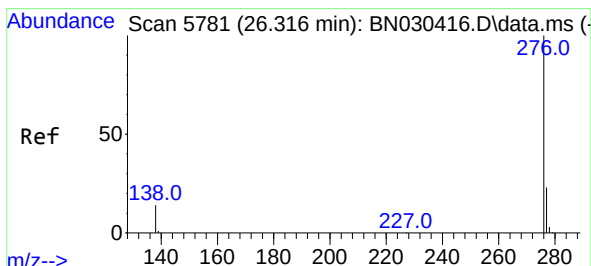
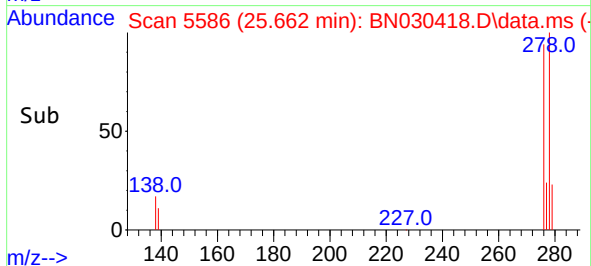
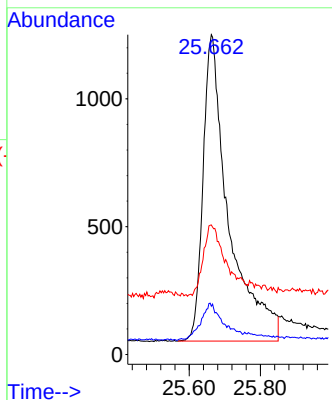


#28
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 25.662 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN030418.D
Acq: 15 Mar 2024 18:49

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

