

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032524\
 Data File : BN030494.D
 Acq On : 25 Mar 2024 22:59
 Operator : MA/JU
 Sample : PB159745BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS745

Quant Time: Mar 25 23:43:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 25 13:38:40 2024
 Response via : Initial Calibration

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

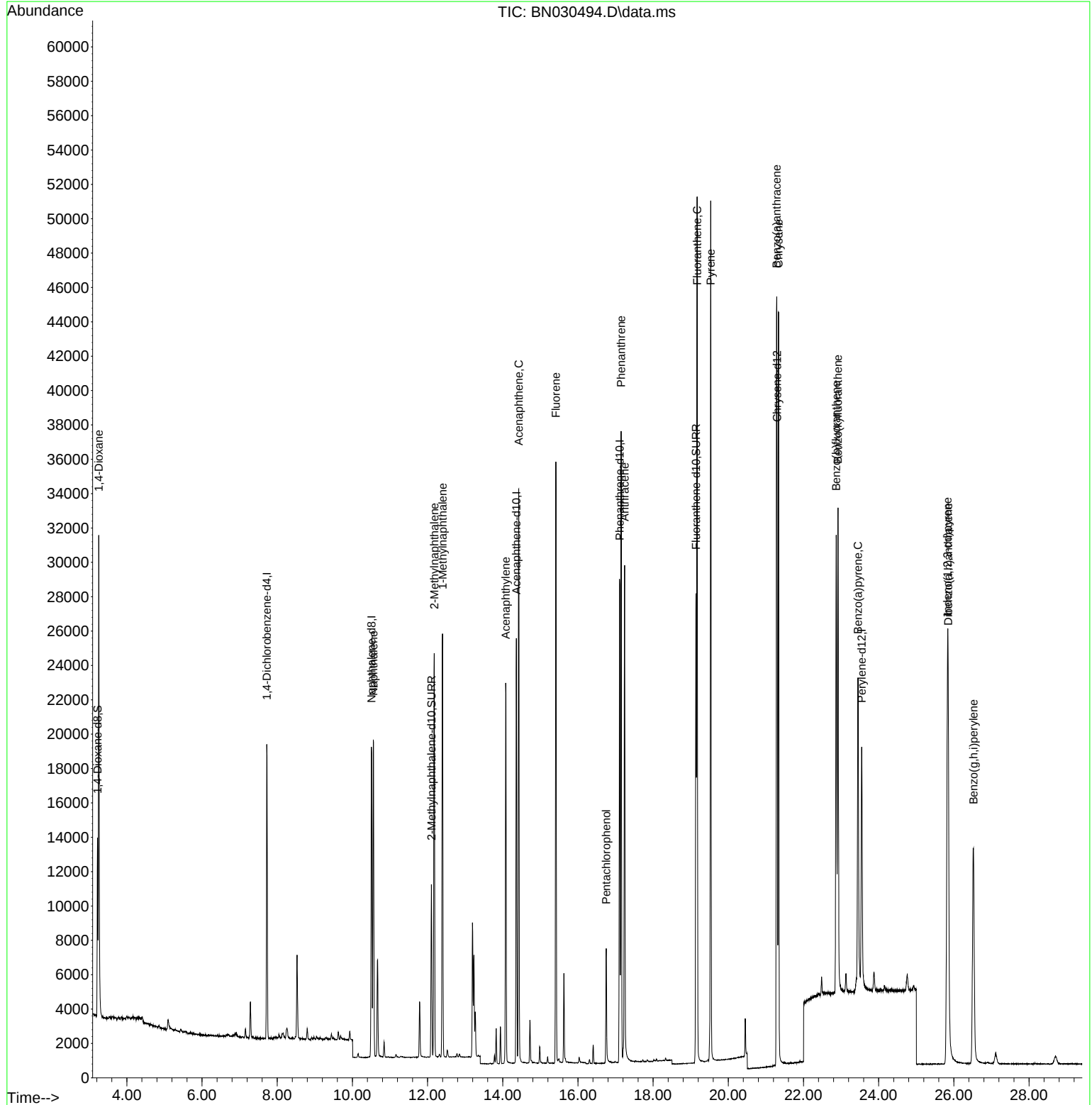
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	8313	0.400	ng/ul	0.00
4) Naphthalene-d8	10.506	136	23798	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.362	164	13439	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.111	188	30549	0.400	ng/ul	0.00
17) Chrysene-d12	21.299	240	21790	0.400	ng/ul	0.00
23) Perylene-d12	23.549	264	18801	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	6845	0.701	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.101	152	12777	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.141	212	27521	0.405	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	19076	1.890	ng/ul#	86
5) Naphthalene	10.555	128	25001	0.368	ng/ul	99
7) 2-Methylnaphthalene	12.178	142	16484	0.375	ng/ul	100
8) 1-Methylnaphthalene	12.398	142	16830	0.361	ng/ul	99
10) Acenaphthylene	14.079	152	24847	0.365	ng/ul	100
11) Acenaphthene	14.422	153	19065	0.363	ng/ul	98
12) Fluorene	15.412	166	21851	0.364	ng/ul	99
14) Pentachlorophenol	16.752	266	4502	0.783	ng/ul	99
15) Phenanthrene	17.149	178	37351	0.364	ng/ul	100
16) Anthracene	17.242	178	31666	0.365	ng/ul	100
19) Fluoranthene	19.169	202	40870	0.394	ng/ul	98
20) Pyrene	19.531	202	40687	0.398	ng/ul	99
21) Benzo(a)anthracene	21.284	228	33961	0.378	ng/ul	99
22) Chrysene	21.337	228	37069	0.390	ng/ul	100
24) Benzo(b)fluoranthene	22.871	252	33755	0.380	ng/ul	98
25) Benzo(k)fluoranthene	22.918	252	36067	0.397	ng/ul	98
26) Benzo(a)pyrene	23.450	252	28190	0.396	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.830	276	32975	0.382	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.850	278	26253	0.381	ng/ul	99
29) Benzo(g,h,i)perylene	26.521	276	26514	0.355	ng/ul	99

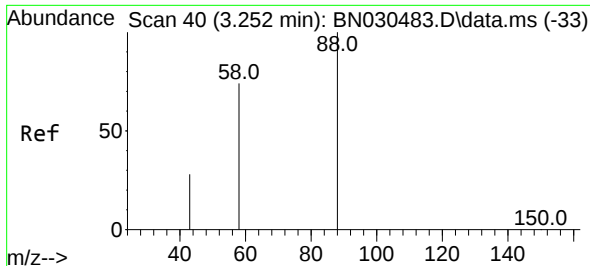
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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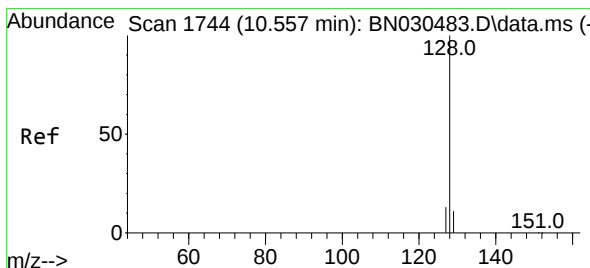
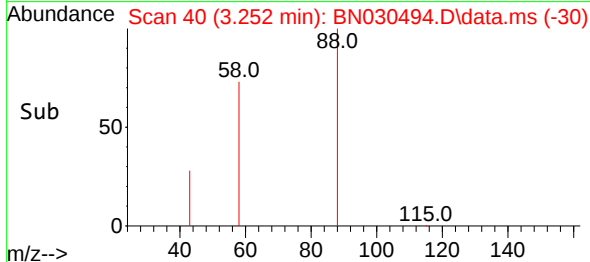
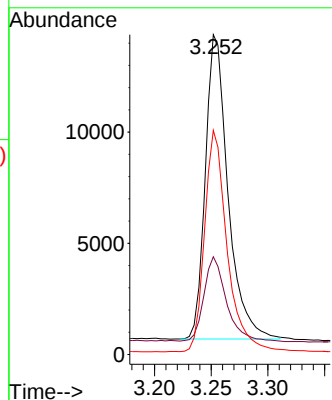
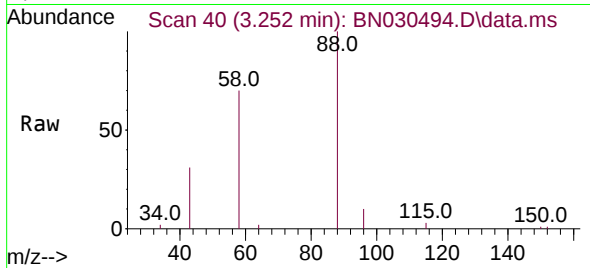




#2
1,4-Dioxane
Concen: 1.890 ng/ul
RT: 3.252 min Scan# 40
Delta R.T. -0.008 min
Lab File: BN030494.D
Acq: 25 Mar 2024 22:59

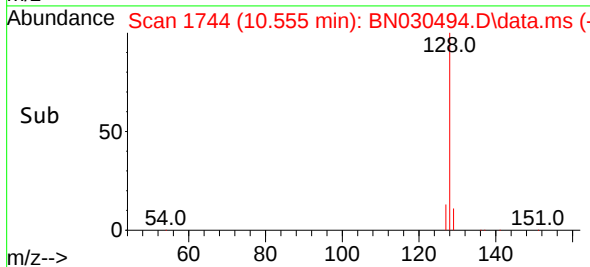
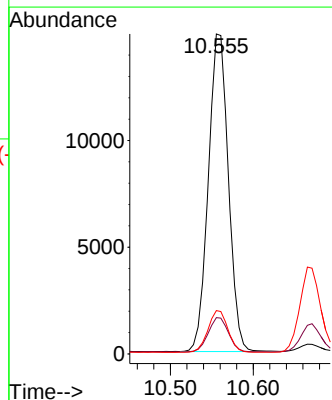
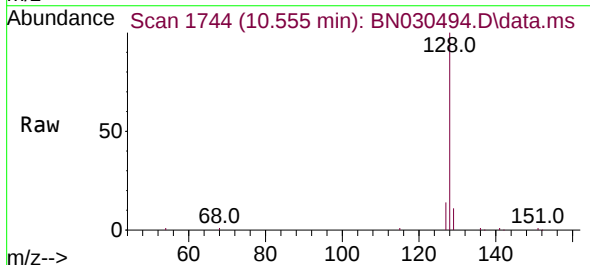
Instrument :
BNA_N
ClientSampleId :
SLCS745

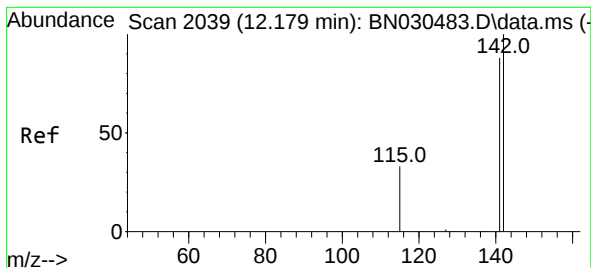
Tgt Ion: 88 Resp: 19076
Ion Ratio Lower Upper
88 100
43 30.6 29.2 43.8
58 70.1 46.3 69.5#



#5
Naphthalene
Concen: 0.368 ng/ul
RT: 10.555 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BN030494.D
Acq: 25 Mar 2024 22:59

Tgt Ion: 128 Resp: 25001
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.5 10.5 15.7

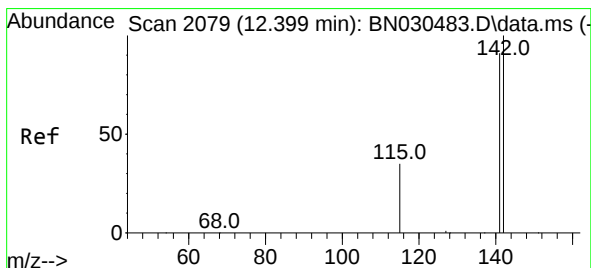
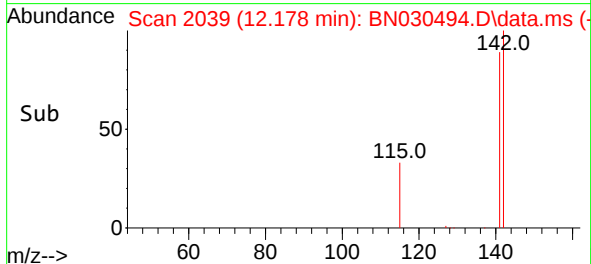
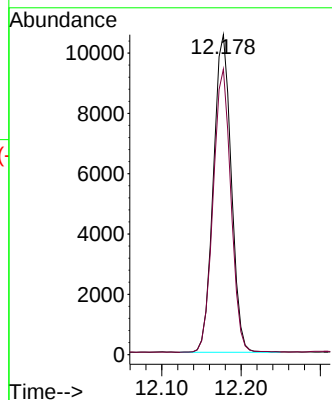
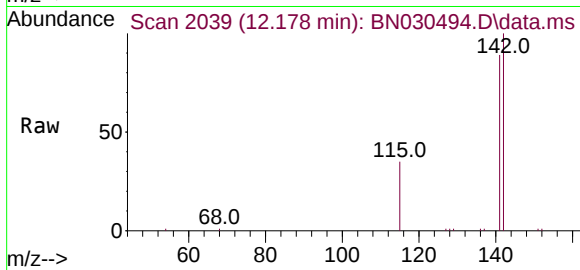




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.178 min Scan# 2039
Delta R.T. -0.001 min
Lab File: BN030494.D
Acq: 25 Mar 2024 22:59

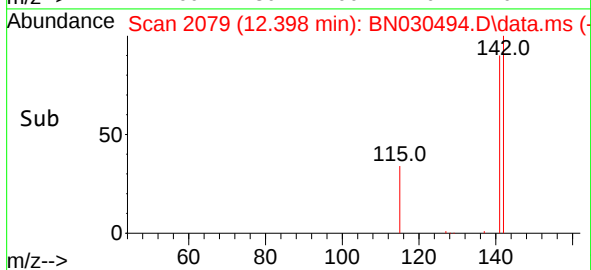
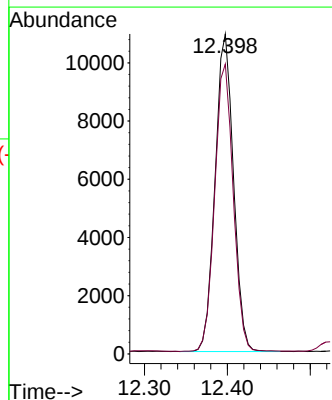
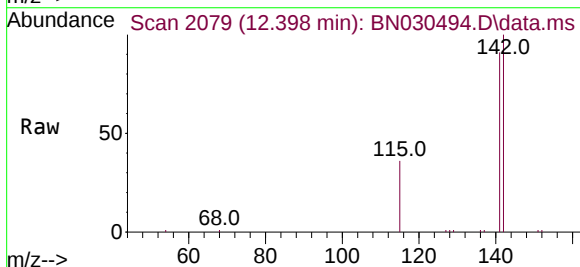
Instrument :
BNA_N
ClientSampleId :
SLCS745

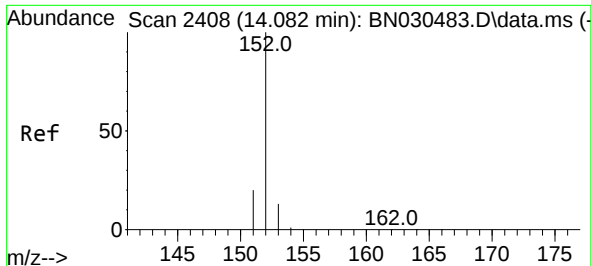
Tgt Ion:142 Resp: 16484
Ion Ratio Lower Upper
142 100
141 88.6 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. -0.001 min
Lab File: BN030494.D
Acq: 25 Mar 2024 22:59

Tgt Ion:142 Resp: 16830
Ion Ratio Lower Upper
142 100
141 91.4 73.6 110.4

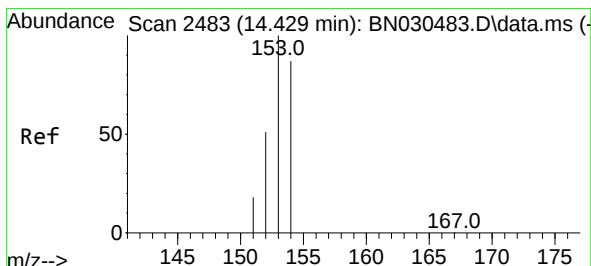
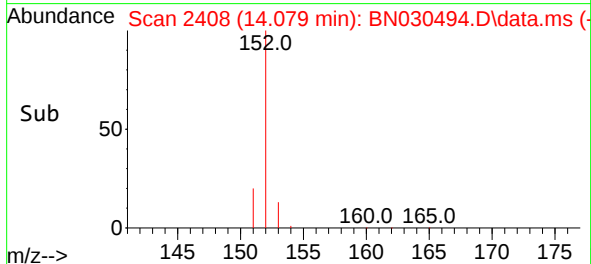
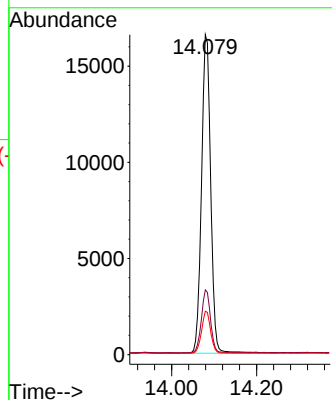
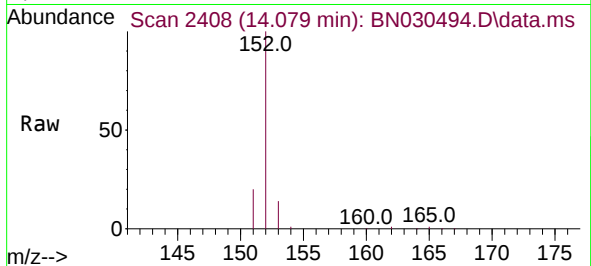




#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 14.079 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BN030494.D
Acq: 25 Mar 2024 22:59

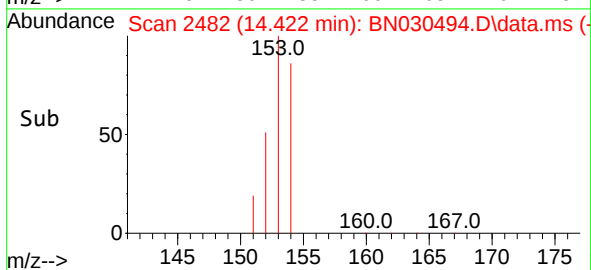
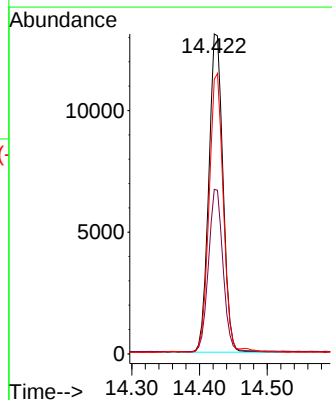
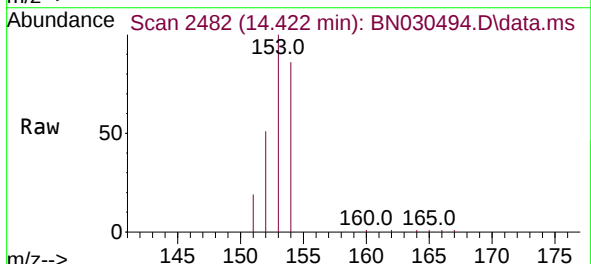
Instrument :
BNA_N
ClientSampleId :
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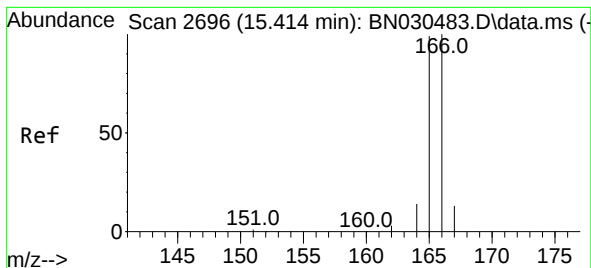
Tgt Ion:152 Resp: 24847
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.363 ng/ul
RT: 14.422 min Scan# 2482
Delta R.T. -0.006 min
Lab File: BN030494.D
Acq: 25 Mar 2024 22:59

Tgt Ion:153 Resp: 19065
Ion Ratio Lower Upper
153 100
152 51.4 42.2 63.4
154 85.8 70.6 105.8





#12

Fluorene

Concen: 0.364 ng/ul

RT: 15.412 min Scan# 2696

Delta R.T. -0.006 min

Lab File: BN030494.D

Acq: 25 Mar 2024 22:59

Instrument :

BNA_N

ClientSampleId :

SLCS745

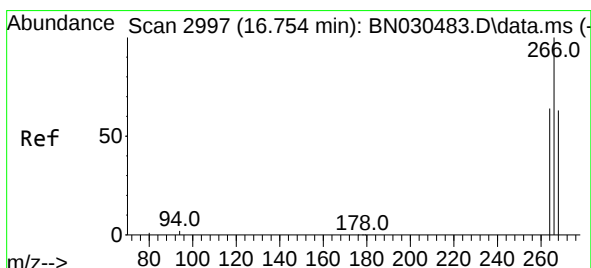
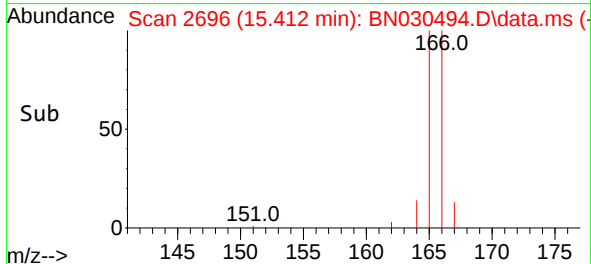
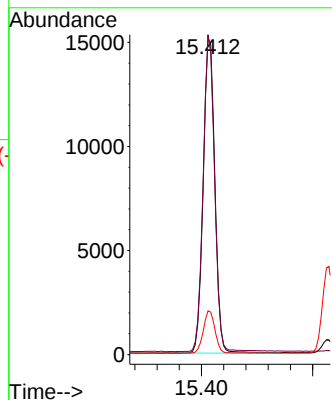
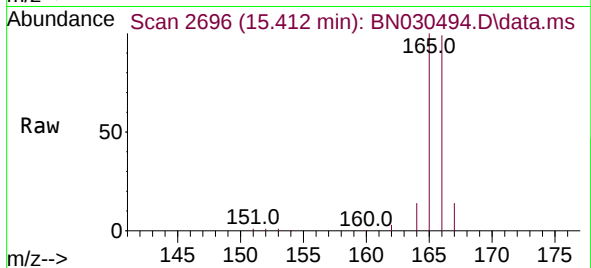
Tgt Ion:166 Resp: 21851

Ion Ratio Lower Upper

166 100

165 100.8 80.0 120.0

167 13.8 10.6 16.0



#14

Pentachlorophenol

Concen: 0.783 ng/ul

RT: 16.752 min Scan# 2997

Delta R.T. -0.001 min

Lab File: BN030494.D

Acq: 25 Mar 2024 22:59

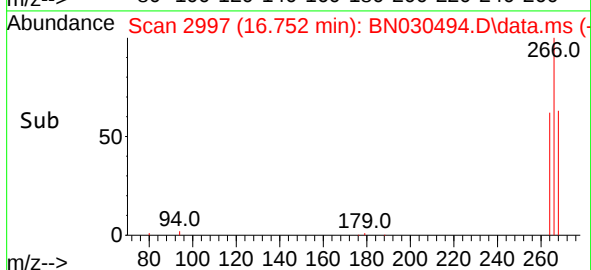
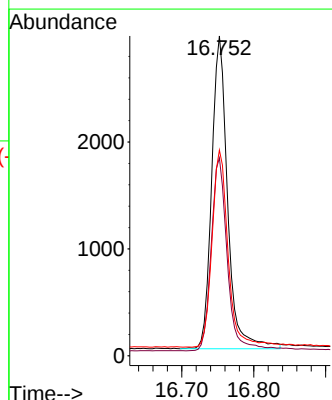
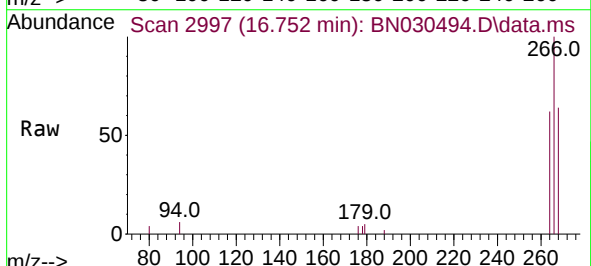
Tgt Ion:266 Resp: 4502

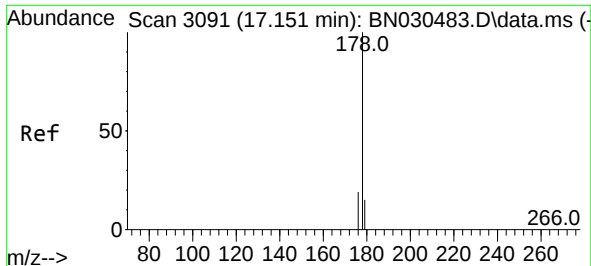
Ion Ratio Lower Upper

266 100

264 62.2 50.2 75.2

268 63.7 52.0 78.0

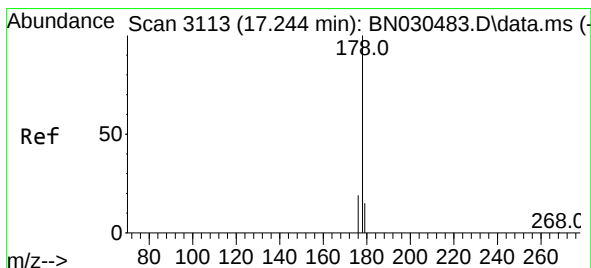
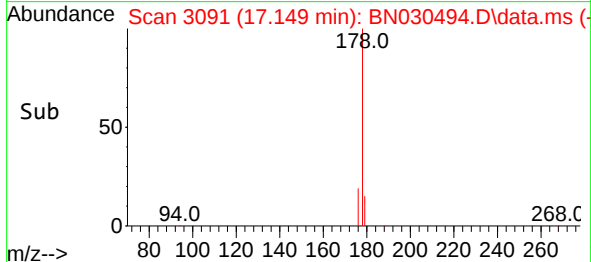
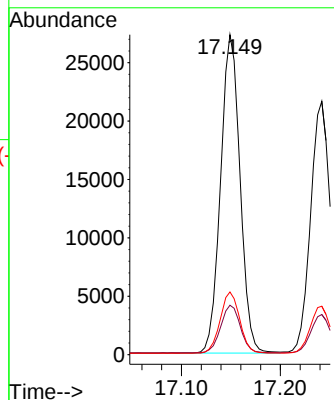
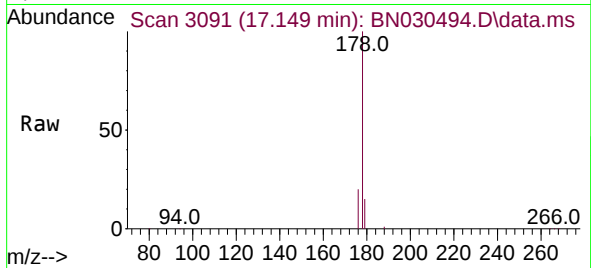




#15
Phenanthrene
Concen: 0.364 ng/ul
RT: 17.149 min Scan# 3091
Delta R.T. -0.005 min
Lab File: BN030494.D
Acq: 25 Mar 2024 22:59

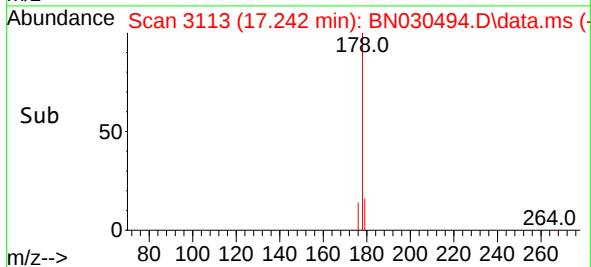
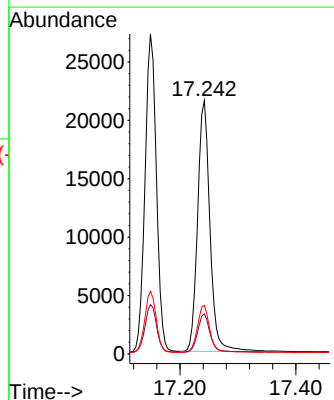
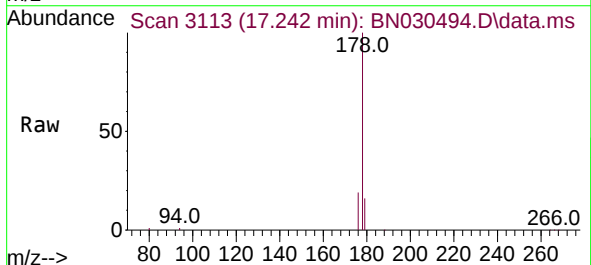
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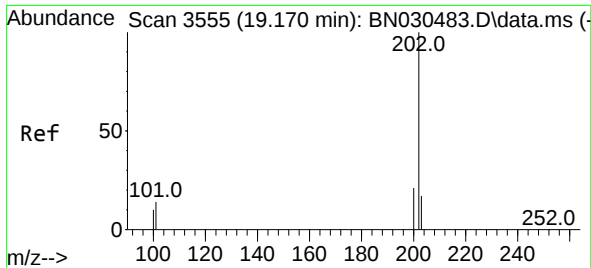
Tgt Ion:178 Resp: 37351
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.6 15.5 23.3



#16
Anthracene
Concen: 0.365 ng/ul
RT: 17.242 min Scan# 3113
Delta R.T. -0.001 min
Lab File: BN030494.D
Acq: 25 Mar 2024 22:59

Tgt Ion:178 Resp: 31666
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.1 15.4 23.0

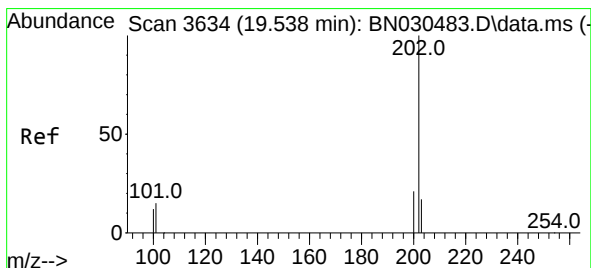
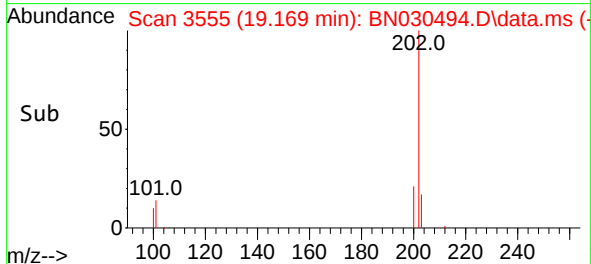
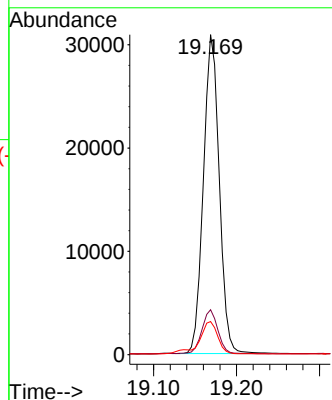
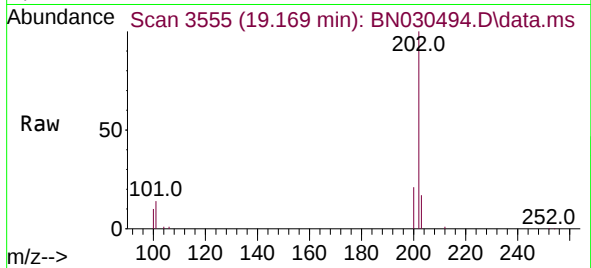




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.169 min Scan# 3555
Delta R.T. -0.005 min
Lab File: BN030494.D
Acq: 25 Mar 2024 22:59

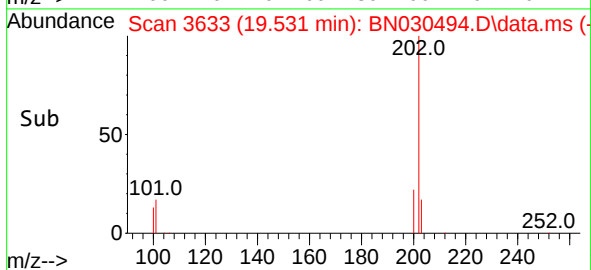
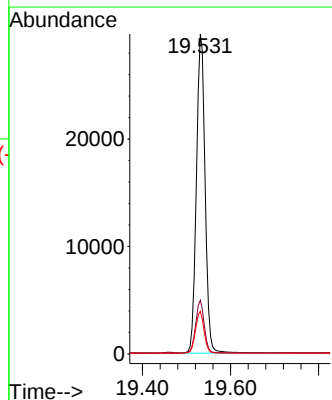
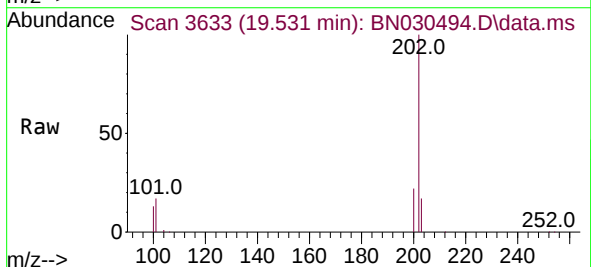
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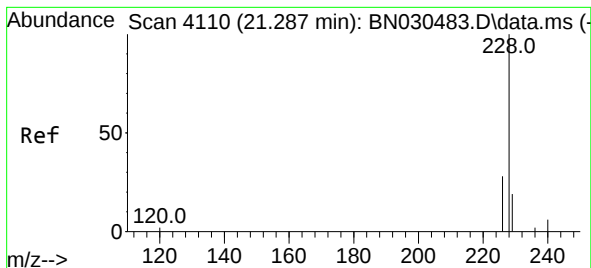
Tgt Ion:202 Resp: 40870
Ion Ratio Lower Upper
202 100
101 14.0 10.6 16.0
100 10.3 7.8 11.8



#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.531 min Scan# 3633
Delta R.T. -0.005 min
Lab File: BN030494.D
Acq: 25 Mar 2024 22:59

Tgt Ion:202 Resp: 40687
Ion Ratio Lower Upper
202 100
101 16.8 12.9 19.3
100 13.3 10.4 15.6





#21

Benzo(a)anthracene

Concen: 0.378 ng/u1

RT: 21.284 min Scan# 4110

Delta R.T. -0.002 min

Lab File: BN030494.D

Acq: 25 Mar 2024 22:59

Instrument :

BNA_N

ClientSampleId :

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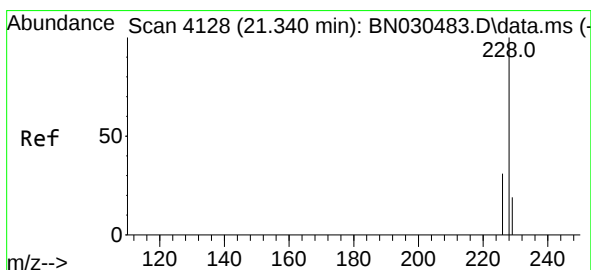
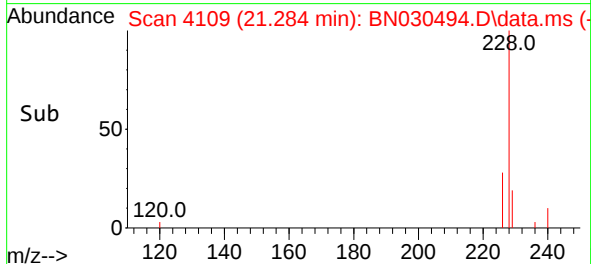
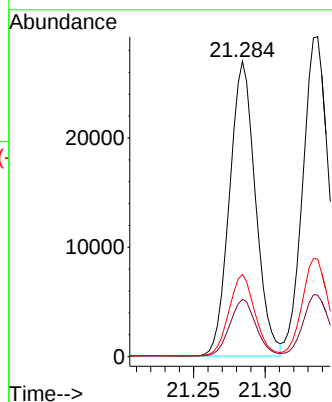
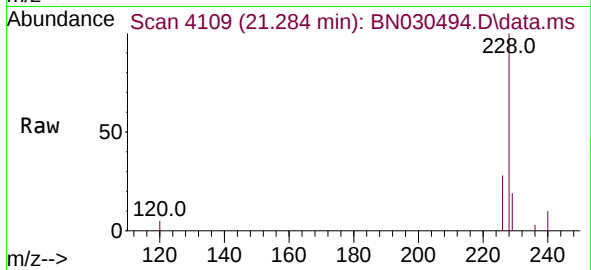
Tgt Ion:228 Resp: 33961

Ion Ratio Lower Upper

228 100

229 19.4 15.4 23.2

226 27.8 22.7 34.1



#22

Chrysene

Concen: 0.390 ng/u1

RT: 21.337 min Scan# 4127

Delta R.T. -0.002 min

Lab File: BN030494.D

Acq: 25 Mar 2024 22:59

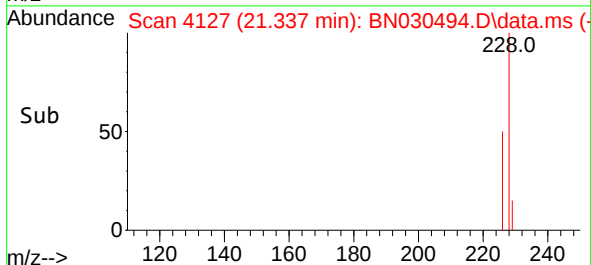
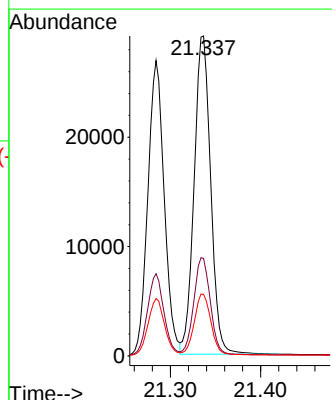
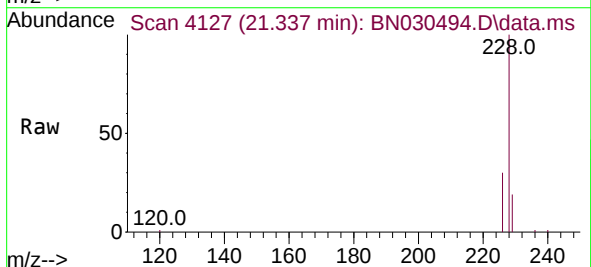
Tgt Ion:228 Resp: 37069

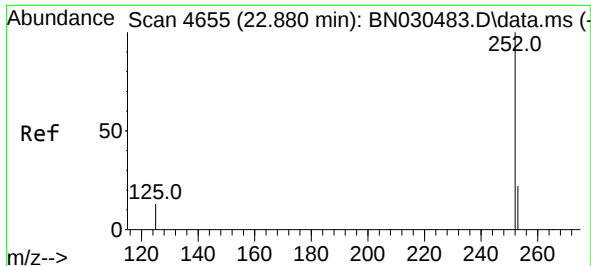
Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

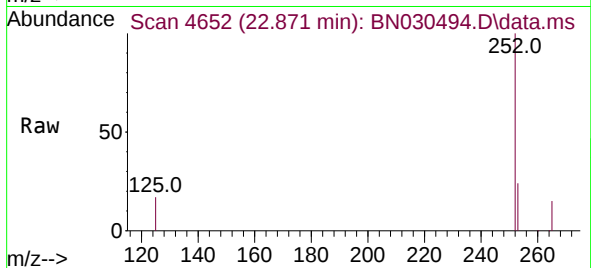
229 19.2 15.4 23.2



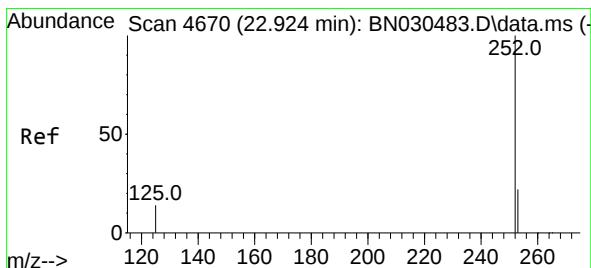
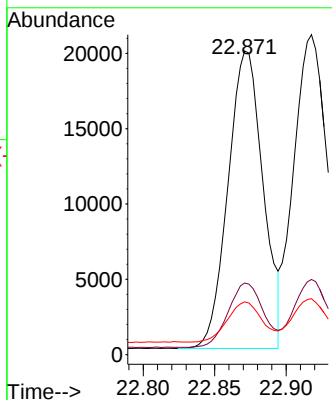


#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 22.871 min Scan# 4652
Delta R.T. -0.005 min
Lab File: BN030494.D
Acq: 25 Mar 2024 22:59

Instrument :
BNA_N
ClientSampleId :
SLCS745

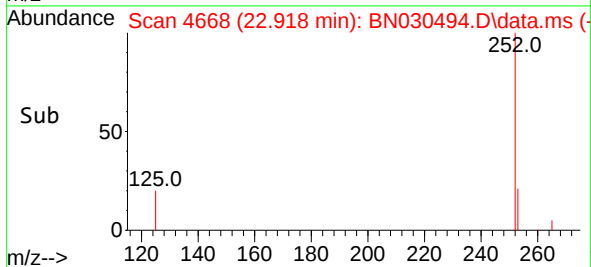
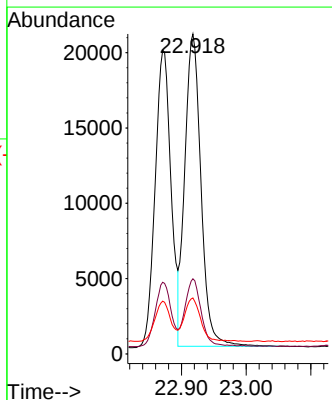
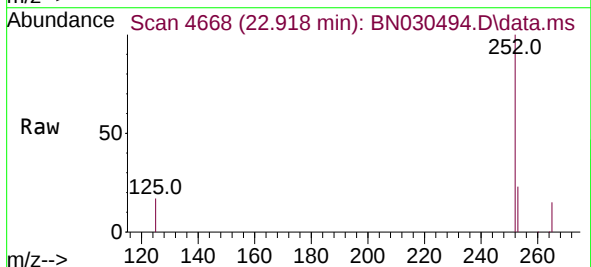


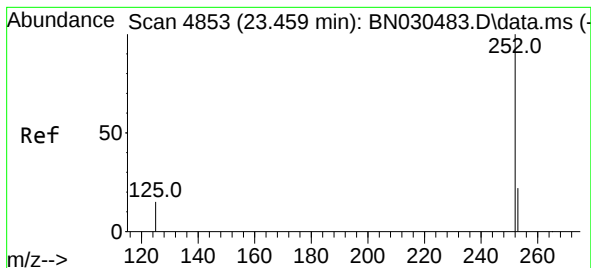
Tgt Ion:252 Resp: 33755
Ion Ratio Lower Upper
252 100
253 23.6 0.0 45.4
125 17.3 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 22.918 min Scan# 4668
Delta R.T. -0.002 min
Lab File: BN030494.D
Acq: 25 Mar 2024 22:59

Tgt Ion:252 Resp: 36067
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 17.5 13.0 19.6





#26

Benzo(a)pyrene

Concen: 0.396 ng/ul

RT: 23.450 min Scan# 4853

Delta R.T. -0.002 min

Lab File: BN030494.D

Acq: 25 Mar 2024 22:59

Instrument :

BNA_N

ClientSampleId :

SLCS745

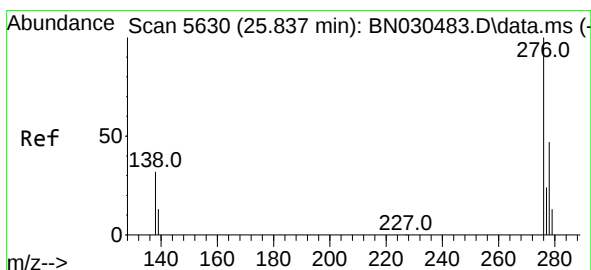
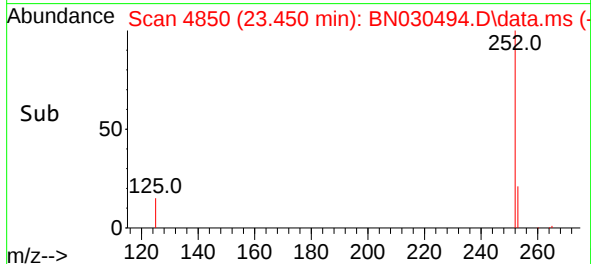
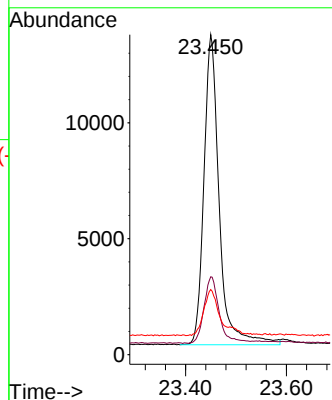
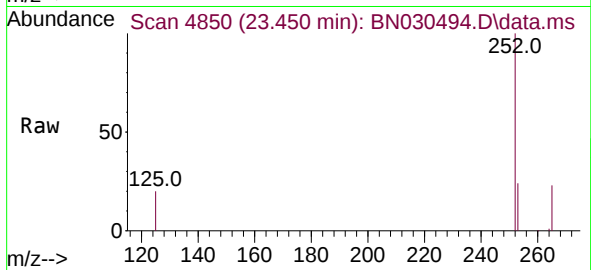
Tgt Ion:252 Resp: 28190

Ion Ratio Lower Upper

252 100

253 24.3 18.7 28.1

125 20.3 15.4 23.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.382 ng/ul

RT: 25.830 min Scan# 5628

Delta R.T. -0.006 min

Lab File: BN030494.D

Acq: 25 Mar 2024 22:59

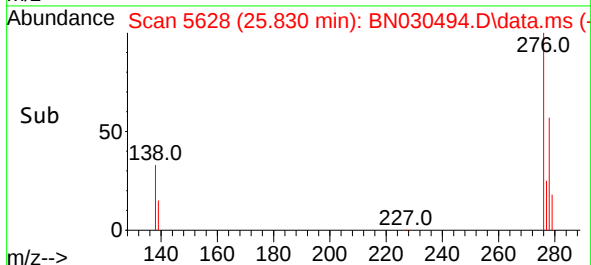
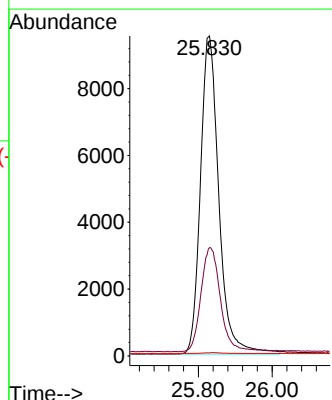
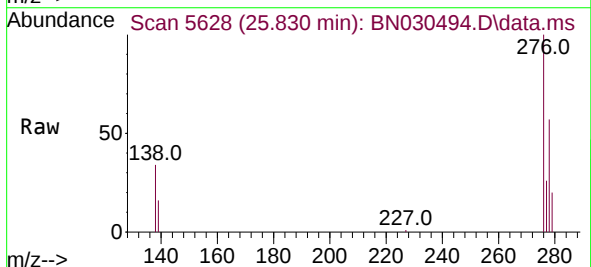
Tgt Ion:276 Resp: 32975

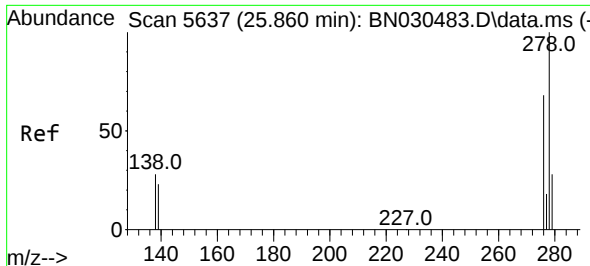
Ion Ratio Lower Upper

276 100

138 35.0 28.6 43.0

227 0.1 0.2 0.2#

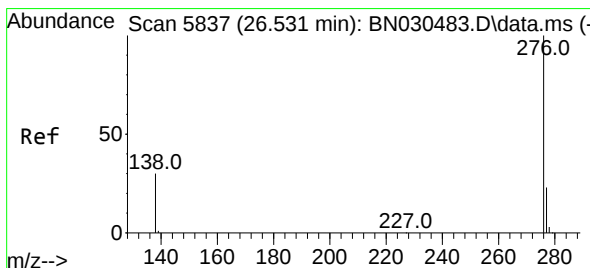
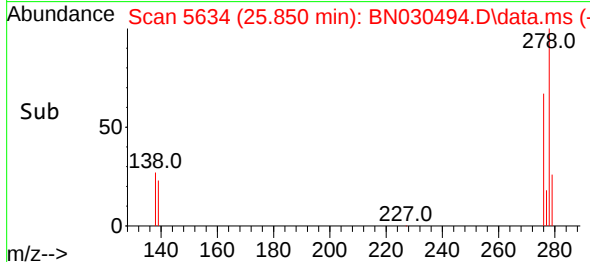
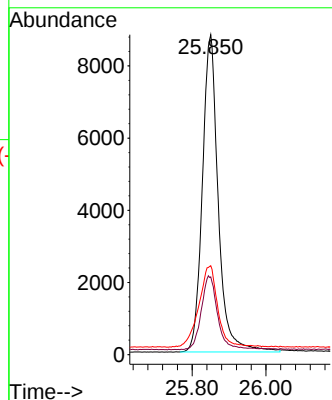
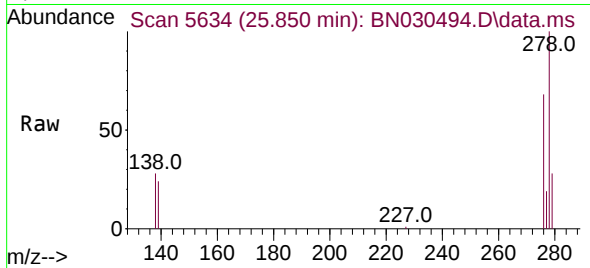




#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 25.850 min Scan# 5637
Delta R.T. -0.002 min
Lab File: BN030494.D
Acq: 25 Mar 2024 22:59

Instrument :
BNA_N
ClientSampleId :
SLCS745

Tgt Ion:278 Resp: 26253
Ion Ratio Lower Upper
278 100
139 24.3 20.1 30.1
279 27.8 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 26.521 min Scan# 5834
Delta R.T. -0.002 min
Lab File: BN030494.D
Acq: 25 Mar 2024 22:59

Tgt Ion:276 Resp: 26514
Ion Ratio Lower Upper
276 100
138 30.6 25.2 37.8
277 24.4 19.3 28.9

