

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024432.D
 Acq On : 21 Mar 2023 04:11
 Operator : CG/JU
 Sample : PB151454BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS454

Quant Time: Mar 21 04:59:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 02:42:36 2023
 Response via : Initial Calibration

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

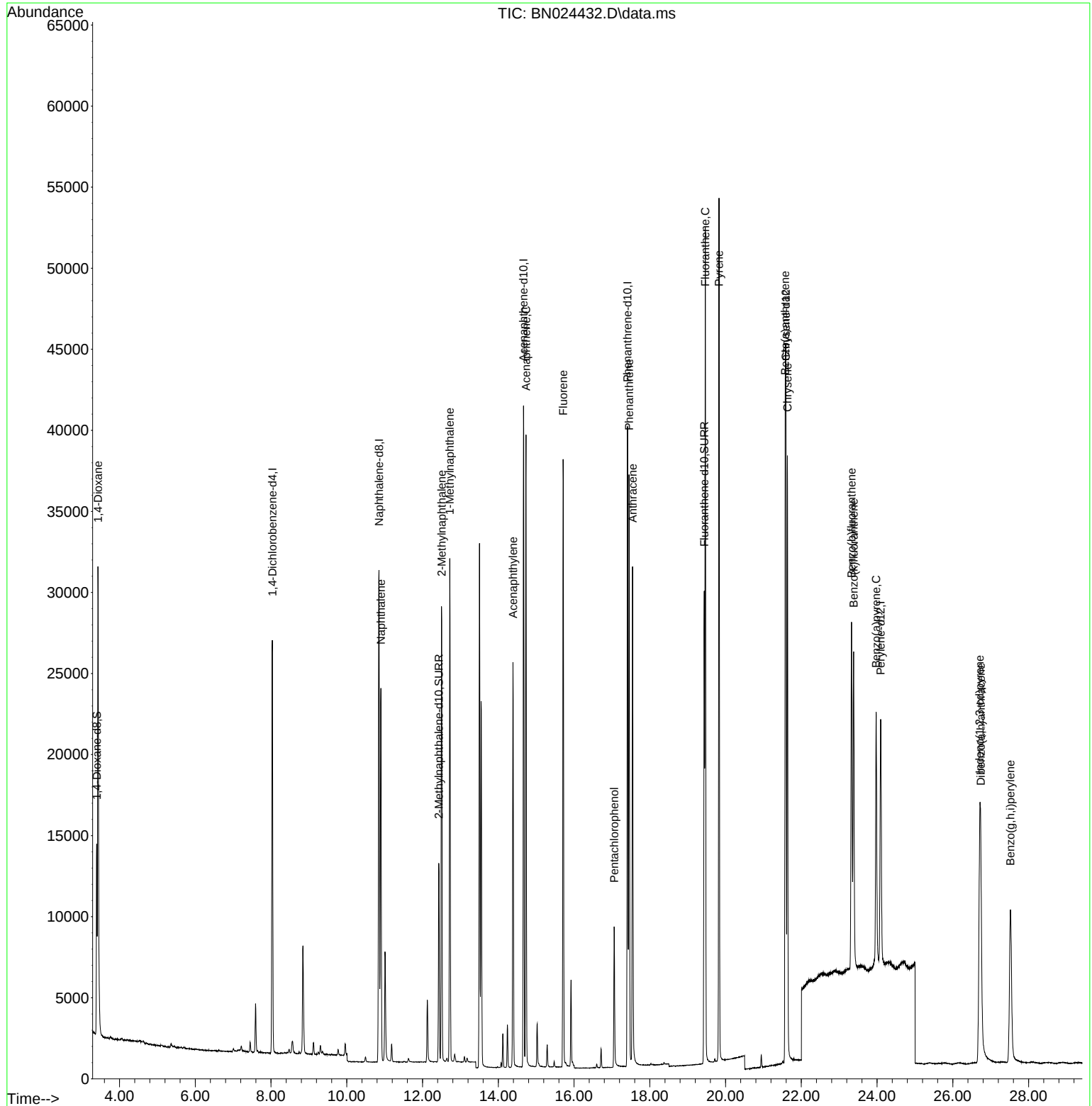
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	13037	0.400	ng/u1	0.00
4) Naphthalene-d8	10.850	136	40158	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.666	164	22088	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.413	188	45460	0.400	ng/u1	0.00
17) Chrysene-d12	21.594	240	33139	0.400	ng/u1	0.00
23) Perylene-d12	24.094	264	25336	0.400	ng/u1	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	7903	0.551	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.428	152	15742	0.330	ng/u1	0.00
18) Fluoranthene-d10	19.436	212	30067	0.341	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	20520	1.315	ng/u1	90
5) Naphthalene	10.900	128	31889	0.318	ng/u1	100
7) 2-Methylnaphthalene	12.505	142	19765	0.325	ng/u1	100
8) 1-Methylnaphthalene	12.720	142	20594	0.322	ng/u1	100
10) Acenaphthylene	14.388	152	28297	0.307	ng/u1	100
11) Acenaphthene	14.730	153	21642	0.305	ng/u1	98
12) Fluorene	15.711	166	23844	0.301	ng/u1	98
14) Pentachlorophenol	17.059	266	6013	0.476	ng/u1#	73
15) Phenanthrene	17.451	178	39118	0.300	ng/u1	100
16) Anthracene	17.544	178	34280	0.300	ng/u1	100
19) Fluoranthene	19.464	202	42694	0.324	ng/u1	99
20) Pyrene	19.826	202	43304	0.324	ng/u1	99
21) Benzo(a)anthracene	21.574	228	33769	0.312	ng/u1	100
22) Chrysene	21.632	228	35038	0.307	ng/u1	99
24) Benzo(b)fluoranthene	23.325	252	32173	0.333	ng/u1	95
25) Benzo(k)fluoranthene	23.380	252	30697	0.306	ng/u1	95
26) Benzo(a)pyrene	23.974	252	25759	0.309	ng/u1	92
27) Indeno(1,2,3-cd)pyrene	26.710	276	28036	0.299	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.737	278	21363	0.300	ng/u1	96
29) Benzo(g,h,i)perylene	27.521	276	24700	0.304	ng/u1	98

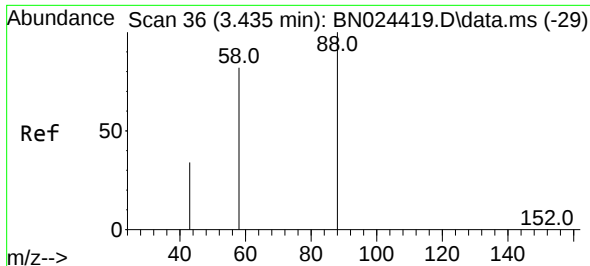
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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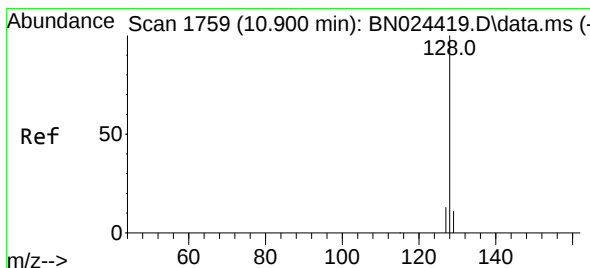
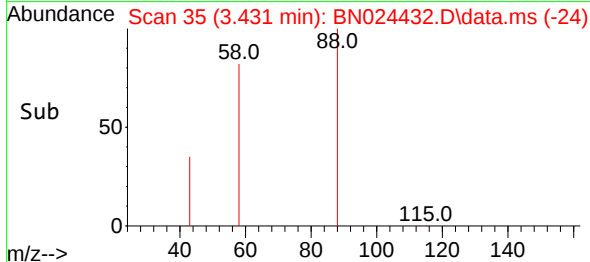
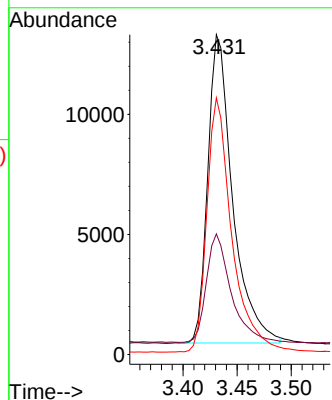
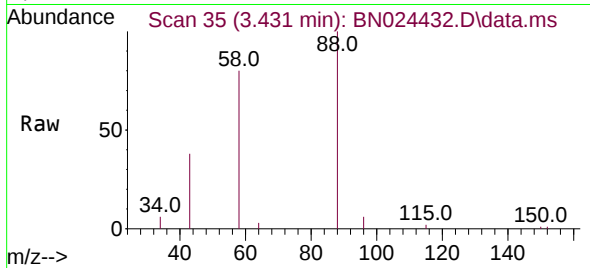




#2
1,4-Dioxane
Concen: 1.315 ng/ul
RT: 3.431 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

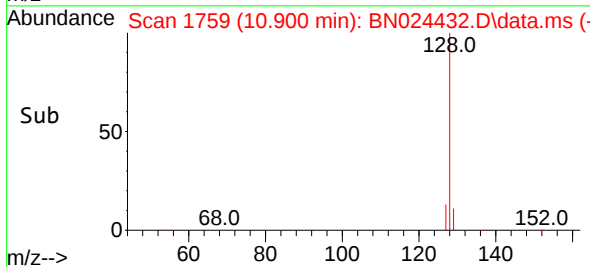
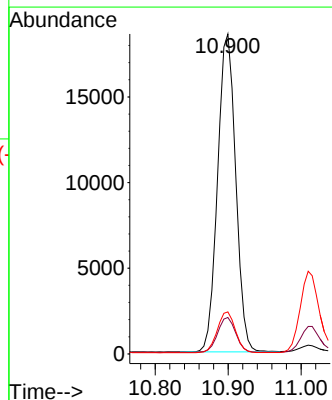
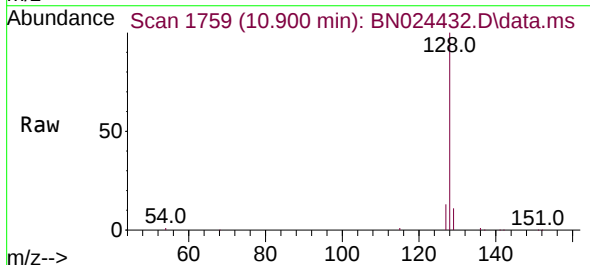
Instrument :
BNA_N
ClientSampleId :
SLCS454

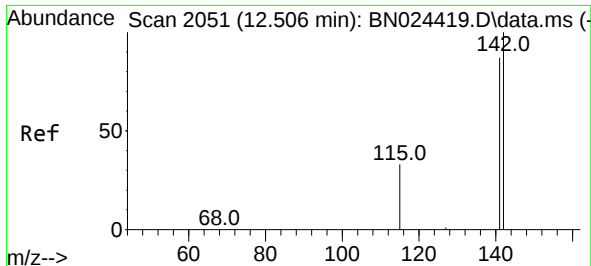
Tgt Ion: 88 Resp: 20520
Ion Ratio Lower Upper
88 100
43 37.7 32.1 48.1
58 80.2 55.1 82.7



#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.900 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

Tgt Ion:128 Resp: 31889
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.1 10.5 15.7

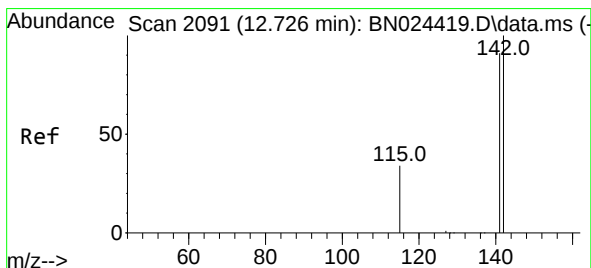
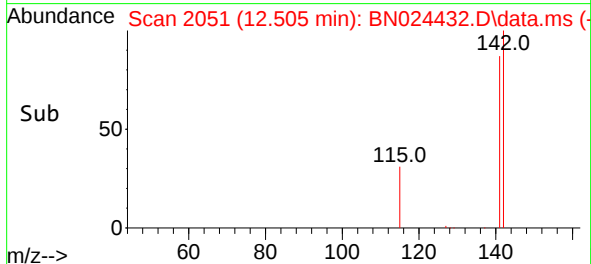
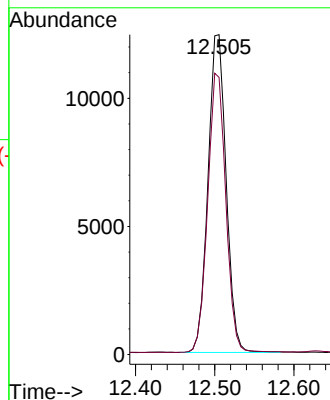
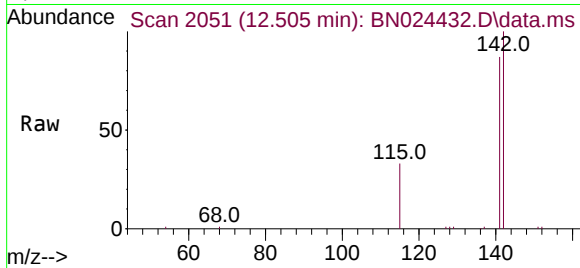




#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.505 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

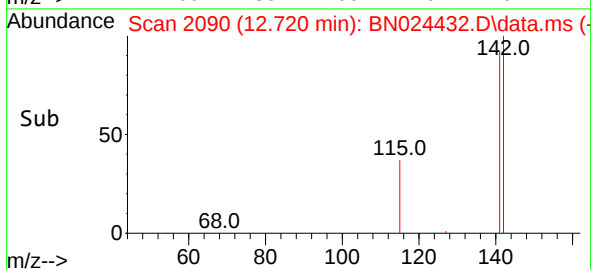
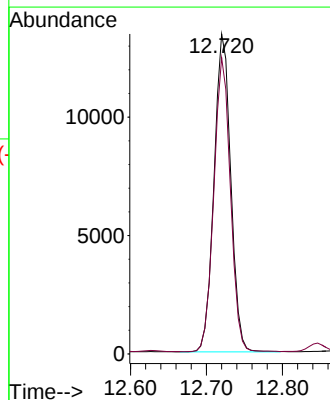
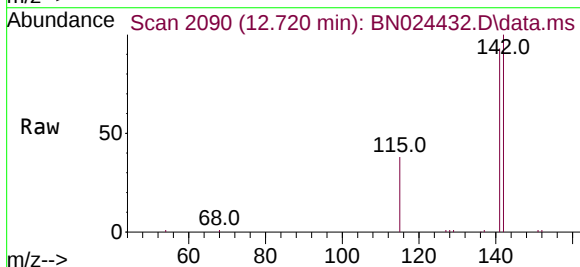
Instrument :
BNA_N
ClientSampleId :
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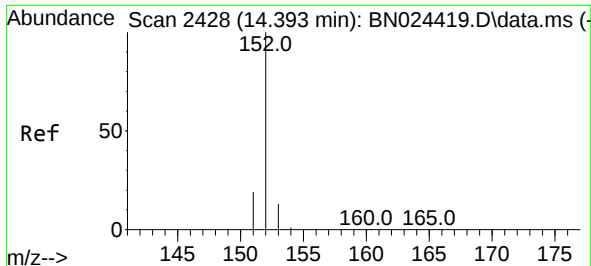
Tgt Ion:142 Resp: 19765
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

Tgt Ion:142 Resp: 20594
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.6

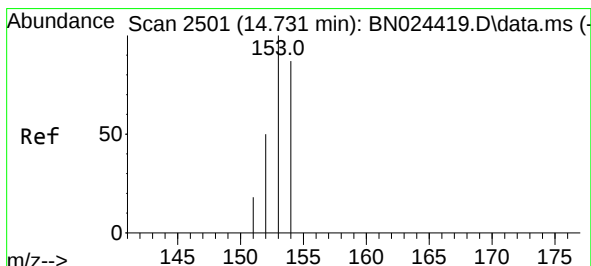
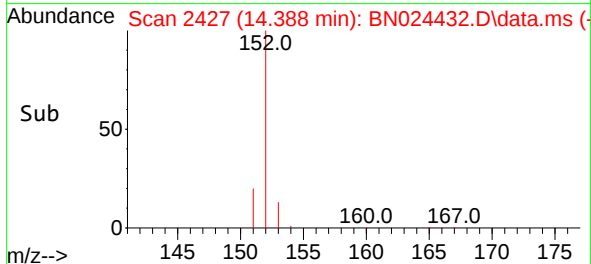
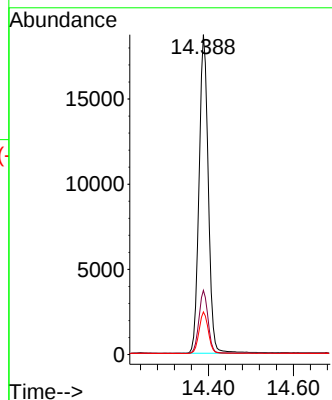
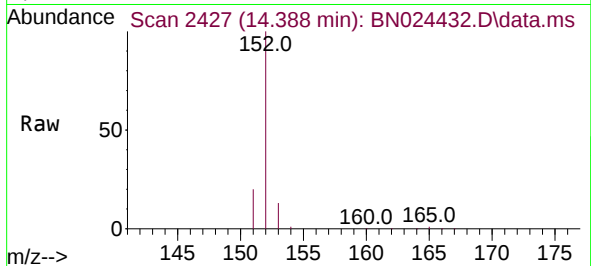




#10
Acenaphthylene
Concen: 0.307 ng/ul
RT: 14.388 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

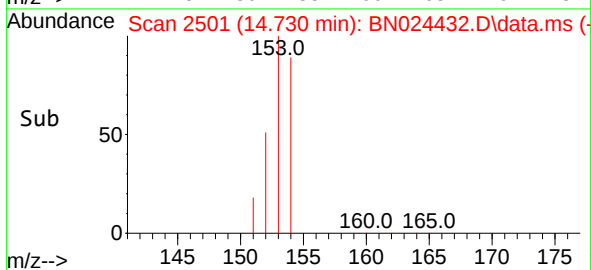
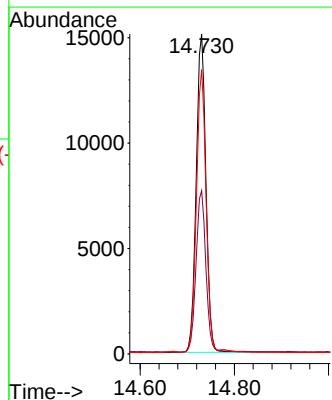
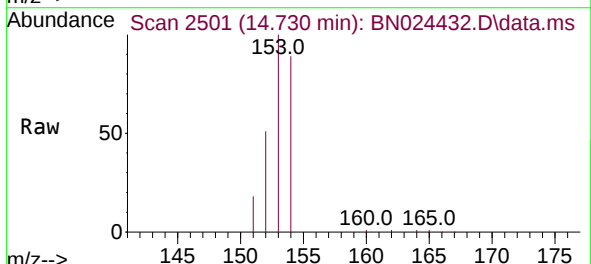
Instrument :
BNA_N
ClientSampleId :
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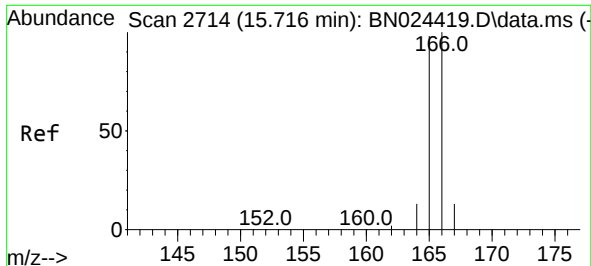
Tgt Ion:152 Resp: 28297
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.305 ng/ul
RT: 14.730 min Scan# 2501
Delta R.T. -0.000 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

Tgt Ion:153 Resp: 21642
Ion Ratio Lower Upper
153 100
152 51.0 42.6 64.0
154 88.8 70.6 105.8

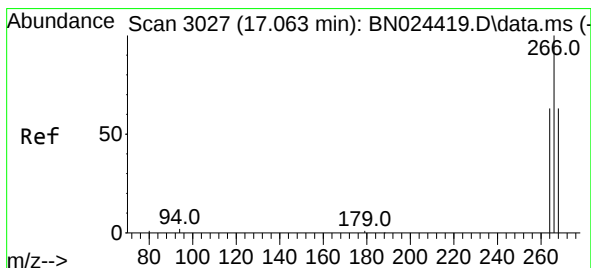
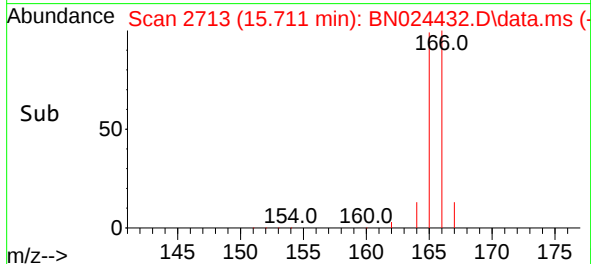
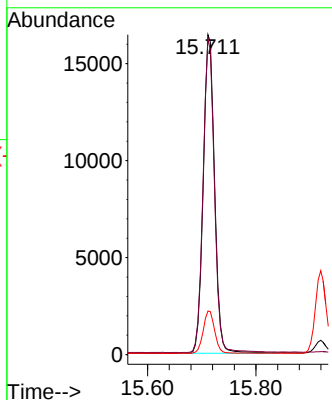
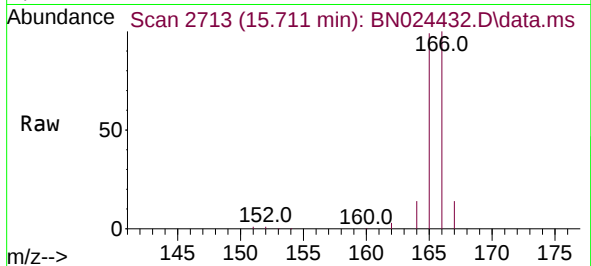




#12
Fluorene
Concen: 0.301 ng/ul
RT: 15.711 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

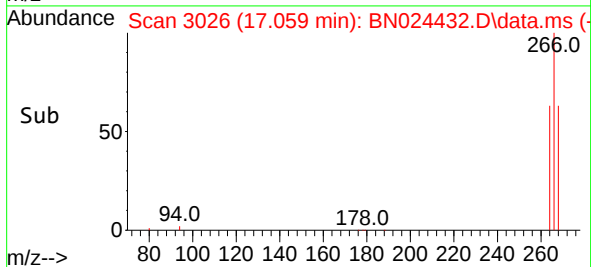
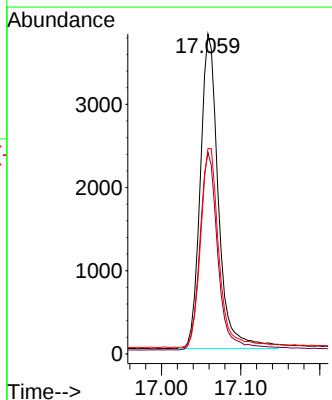
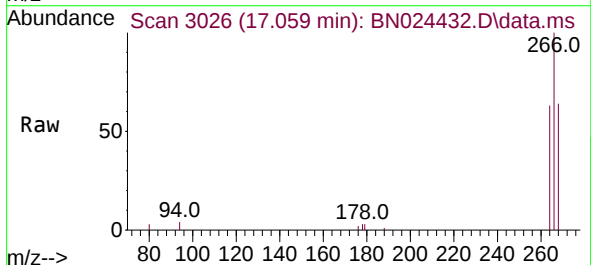
Instrument :
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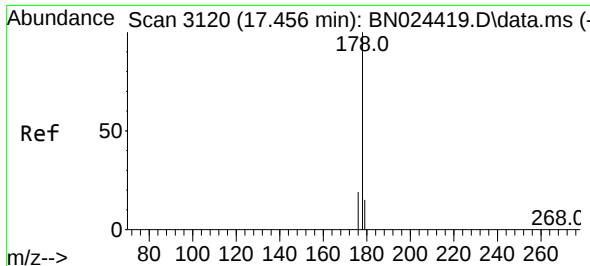
Tgt Ion:166 Resp: 23844
Ion Ratio Lower Upper
166 100
165 98.8 77.4 116.0
167 13.6 10.9 16.3



#14
Pentachlorophenol
Concen: 0.476 ng/ul
RT: 17.059 min Scan# 3026
Delta R.T. -0.004 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

Tgt Ion:266 Resp: 6013
Ion Ratio Lower Upper
266 100
264 62.9 0.0 0.0#
268 64.5 0.1 0.1#

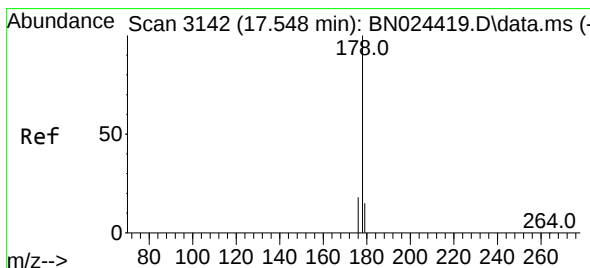
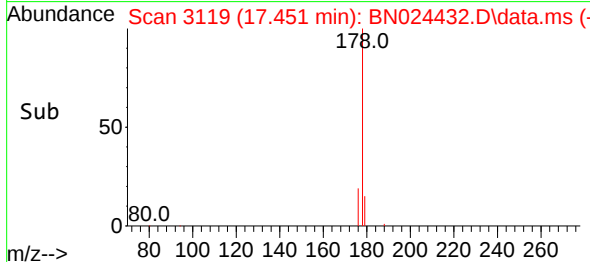
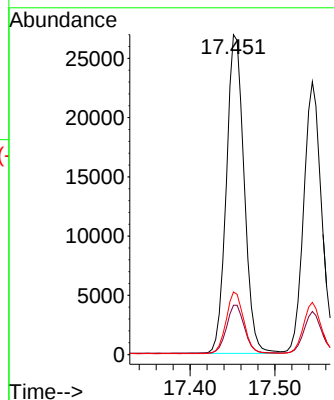
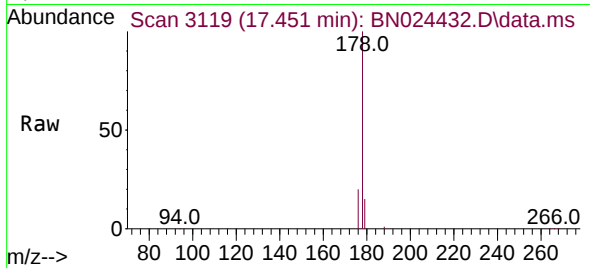




#15
Phenanthrene
Concen: 0.300 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

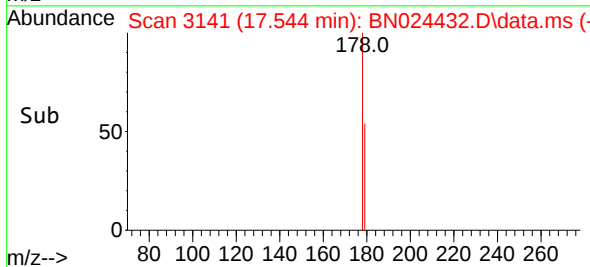
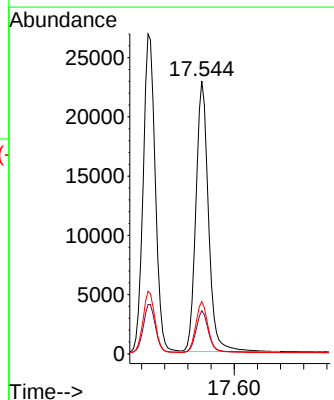
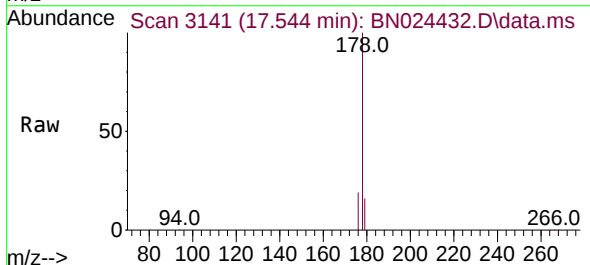
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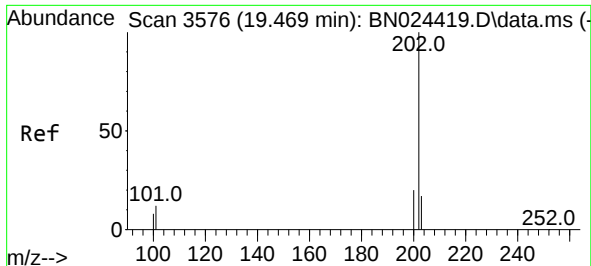
Tgt Ion:178 Resp: 39118
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.300 ng/ul
RT: 17.544 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

Tgt Ion:178 Resp: 34280
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 19.1 15.3 22.9

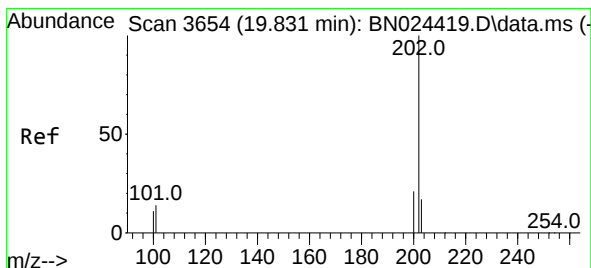
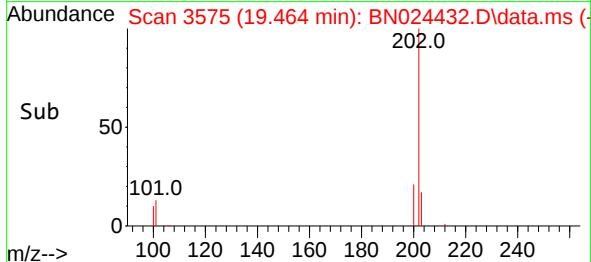
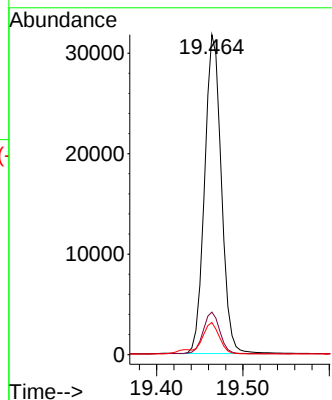
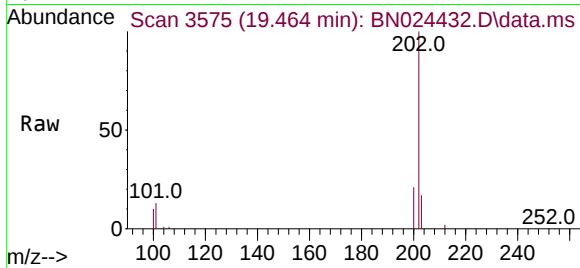




#19
Fluoranthene
Concen: 0.324 ng/ul
RT: 19.464 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

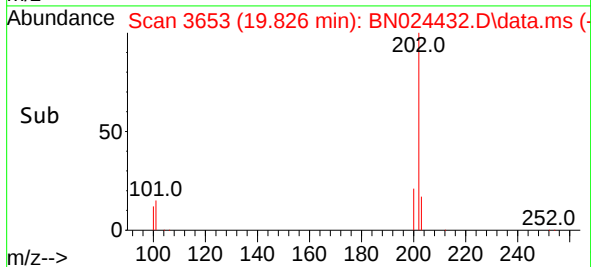
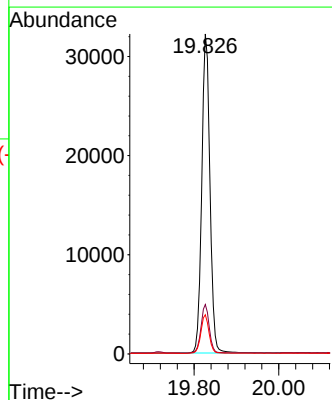
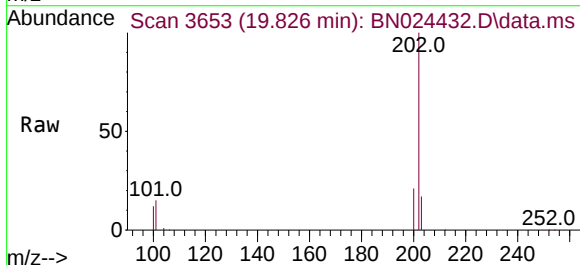
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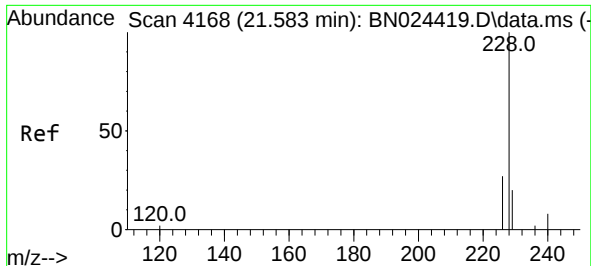
Tgt Ion:202 Resp: 42694
Ion Ratio Lower Upper
202 100
101 13.3 10.4 15.6
100 10.0 7.7 11.5



#20
Pyrene
Concen: 0.324 ng/ul
RT: 19.826 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

Tgt Ion:202 Resp: 43304
Ion Ratio Lower Upper
202 100
101 15.4 12.1 18.1
100 12.2 9.4 14.0

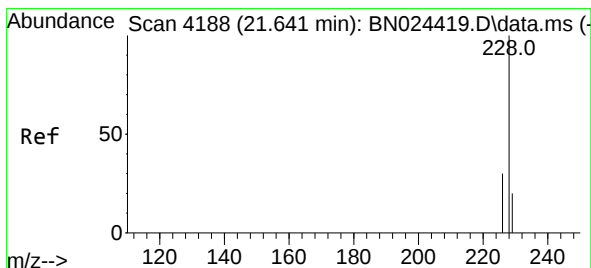
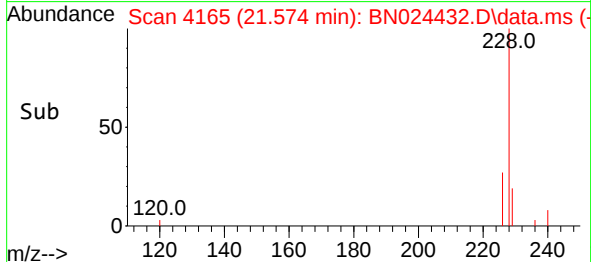
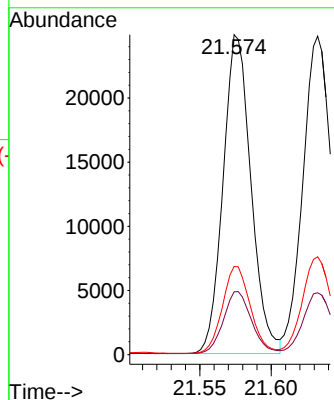
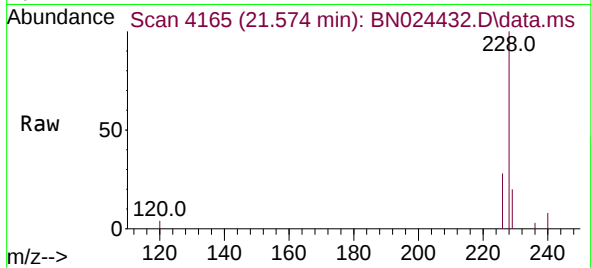




#21
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.574 min Scan# 4165
Delta R.T. -0.009 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

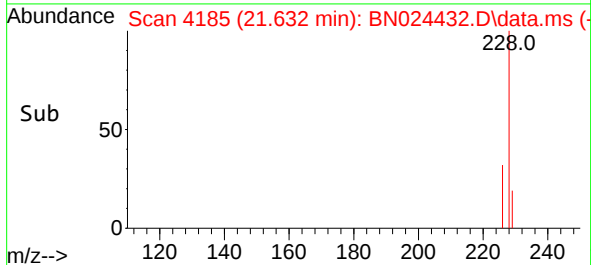
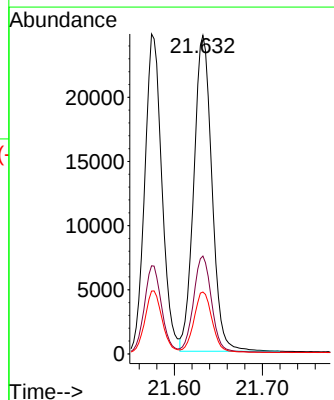
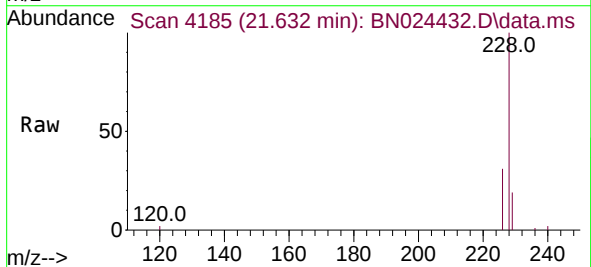
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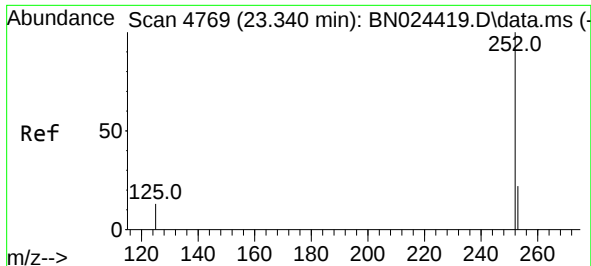
Tgt Ion:228 Resp: 33769
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 27.5 22.2 33.4



#22
Chrysene
Concen: 0.307 ng/ul
RT: 21.632 min Scan# 4185
Delta R.T. -0.009 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

Tgt Ion:228 Resp: 35038
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 19.4 15.8 23.6

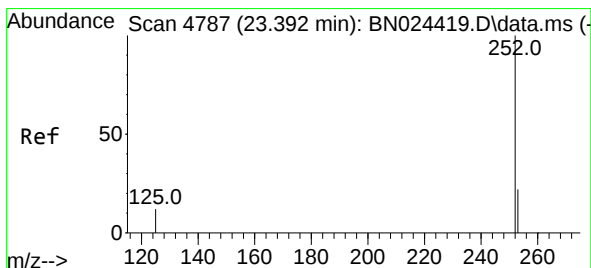
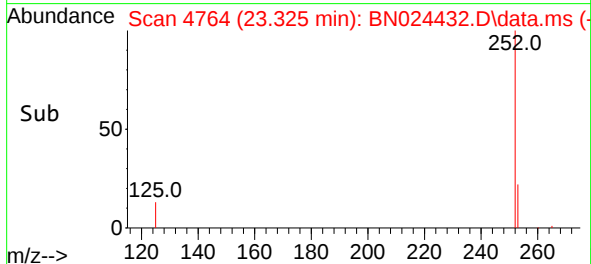
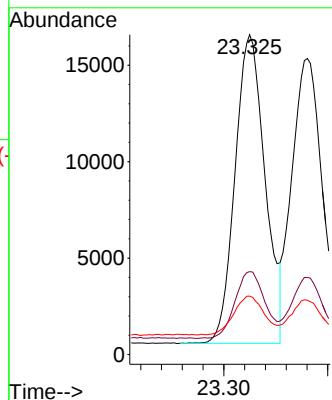
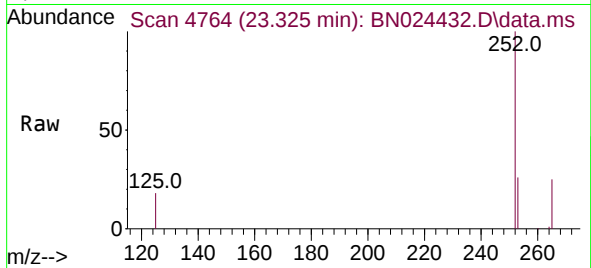




#24
Benzo(b)fluoranthene
Concen: 0.333 ng/ul
RT: 23.325 min Scan# 4764
Delta R.T. -0.015 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

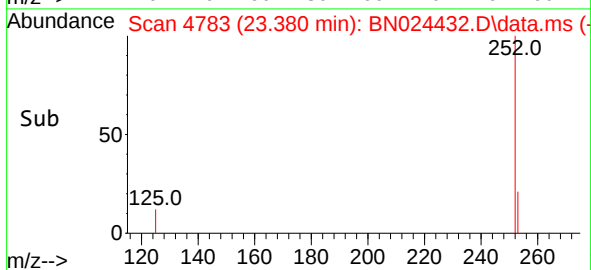
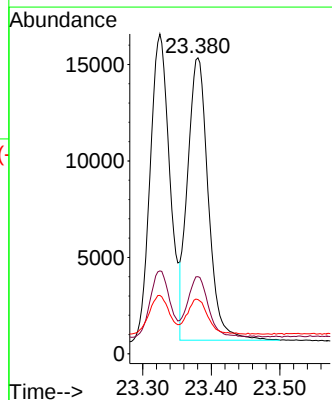
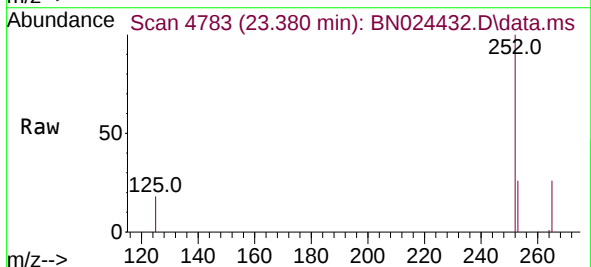
Instrument :
BNA_N
ClientSampleId :
SLCS454

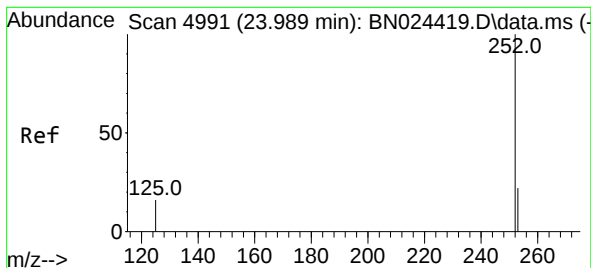
Tgt Ion:252 Resp: 32173
Ion Ratio Lower Upper
252 100
253 25.9 0.0 46.2
125 18.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul
RT: 23.380 min Scan# 4783
Delta R.T. -0.012 min
Lab File: BN024432.D
Acq: 21 Mar 2023 04:11

Tgt Ion:252 Resp: 30697
Ion Ratio Lower Upper
252 100
253 26.1 18.5 27.7
125 18.3 13.2 19.8





#26

Benzo(a)pyrene

Concen: 0.309 ng/ul

RT: 23.974 min Scan# 4991

Delta R.T. -0.015 min

Lab File: BN024432.D

Acq: 21 Mar 2023 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS454

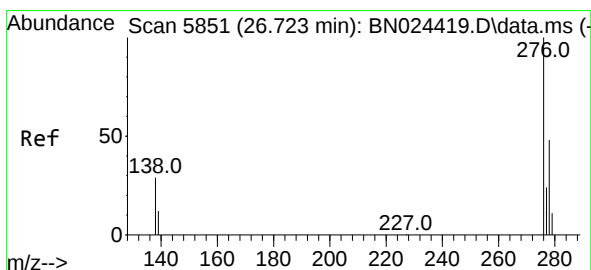
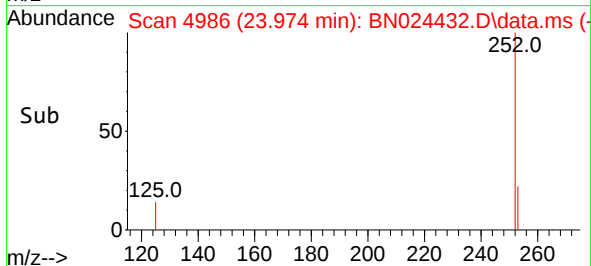
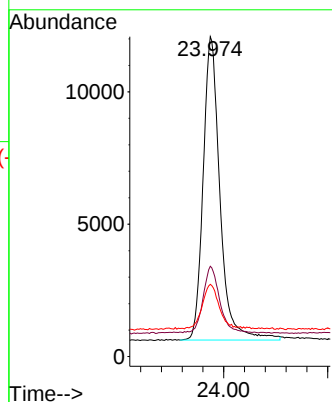
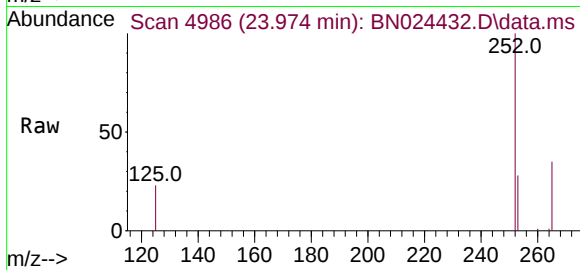
Tgt Ion:252 Resp: 25759

Ion Ratio Lower Upper

252 100

253 28.2 19.2 28.8

125 22.6 15.8 23.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.299 ng/ul

RT: 26.710 min Scan# 5847

Delta R.T. -0.014 min

Lab File: BN024432.D

Acq: 21 Mar 2023 04:11

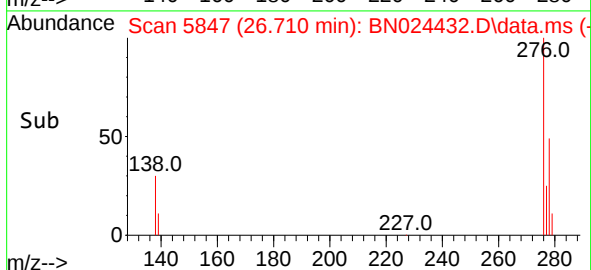
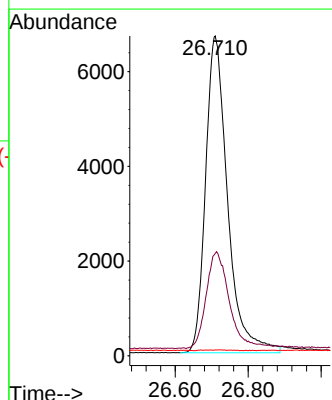
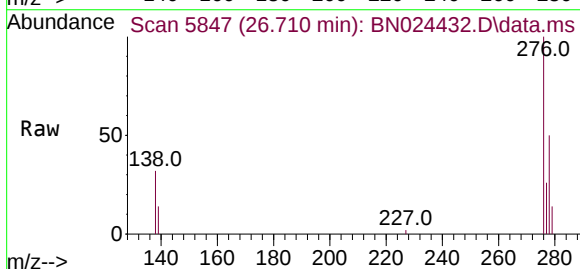
Tgt Ion:276 Resp: 28036

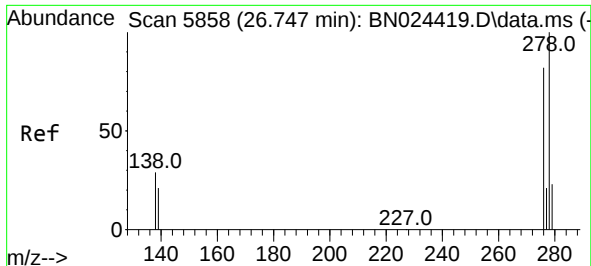
Ion Ratio Lower Upper

276 100

138 32.2 0.0 0.0#

227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.300 ng/ul

RT: 26.737 min Scan# 5858

Delta R.T. -0.010 min

Lab File: BN024432.D

Acq: 21 Mar 2023 04:11

Instrument :

BNA_N

ClientSampleId :

SLCS454

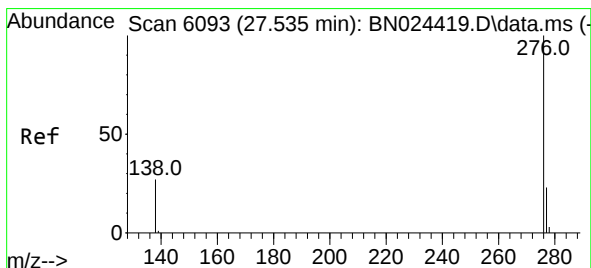
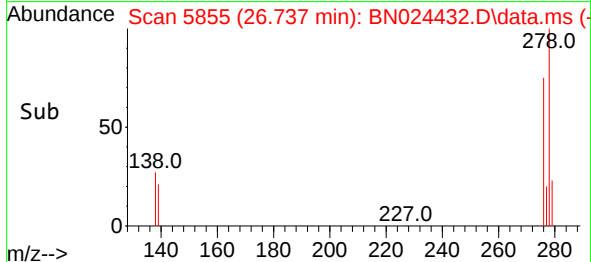
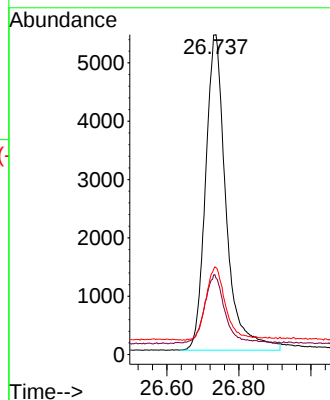
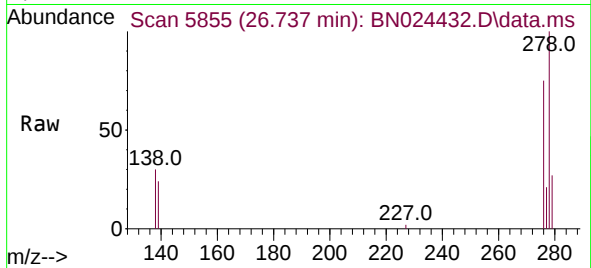
Tgt Ion:278 Resp: 21363

Ion Ratio Lower Upper

278 100

139 23.9 21.0 31.6

279 27.2 20.4 30.6



#29

Benzo(g,h,i)perylene

Concen: 0.304 ng/ul

RT: 27.521 min Scan# 6089

Delta R.T. -0.014 min

Lab File: BN024432.D

Acq: 21 Mar 2023 04:11

Tgt Ion:276 Resp: 24700

Ion Ratio Lower Upper

276 100

138 30.0 25.2 37.8

277 24.6 19.4 29.2

