

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028565.D
 Acq On : 10 Nov 2023 19:45
 Operator : MA/JU
 Sample : PB156724BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS724

Quant Time: Nov 10 23:28:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:30:32 2023
 Response via : Initial Calibration

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

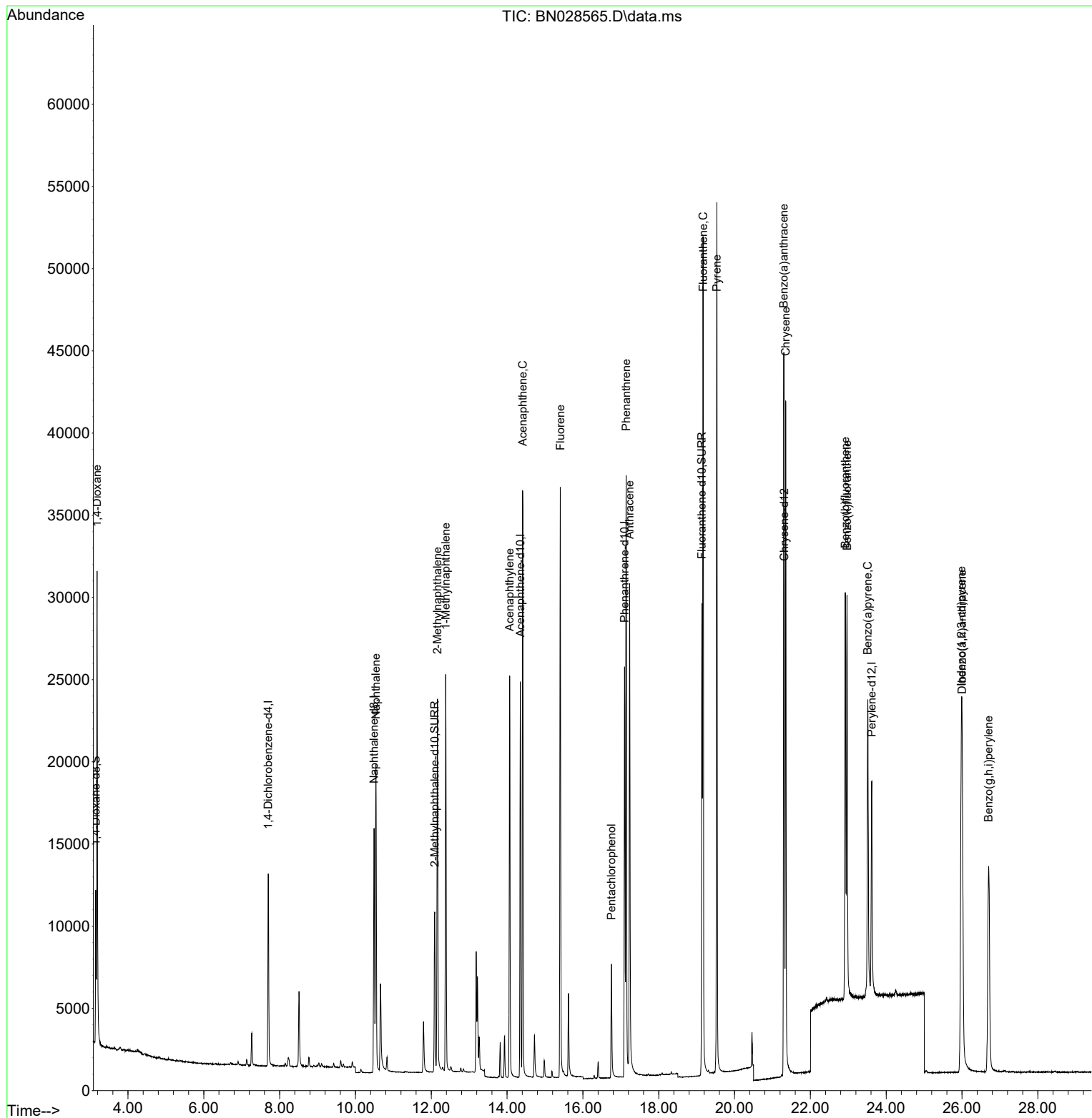
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	6298	0.400	ng/ul	0.00
4) Naphthalene-d8	10.491	136	20416	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.350	164	13015	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.100	188	30196	0.400	ng/ul	0.00
17) Chrysene-d12	21.313	240	19789	0.400	ng/ul	0.00
23) Perylene-d12	23.619	264	17824	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	5914	0.850	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	13381	0.435	ng/ul	0.00
18) Fluoranthene-d10	19.138	212	32184	0.505	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.184	88	18302	2.379	ng/ul#	78
5) Naphthalene	10.540	128	25161	0.440	ng/ul	100
7) 2-Methylnaphthalene	12.163	142	16624	0.441	ng/ul	100
8) 1-Methylnaphthalene	12.383	142	16426	0.429	ng/ul	100
10) Acenaphthylene	14.068	152	27689	0.426	ng/ul	100
11) Acenaphthene	14.410	153	20398	0.427	ng/ul	99
12) Fluorene	15.405	166	23634	0.425	ng/ul	98
14) Pentachlorophenol	16.753	266	4983	0.688	ng/ul	99
15) Phenanthrene	17.142	178	38704	0.417	ng/ul	100
16) Anthracene	17.231	178	34386	0.404	ng/ul	99
19) Fluoranthene	19.170	202	43196	0.513	ng/ul	98
20) Pyrene	19.533	202	44403	0.509	ng/ul	100
21) Benzo(a)anthracene	21.298	228	33809	0.432	ng/ul	99
22) Chrysene	21.348	228	34803	0.455	ng/ul	100
24) Benzo(b)fluoranthene	22.920	252	31581	0.472	ng/ul	97
25) Benzo(k)fluoranthene	22.967	252	32442	0.463	ng/ul	99
26) Benzo(a)pyrene	23.514	252	28099	0.445	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.981	276	33589	0.479	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.004	278	26989	0.482	ng/ul	99
29) Benzo(g,h,i)perylene	26.702	276	28113	0.489	ng/ul	99

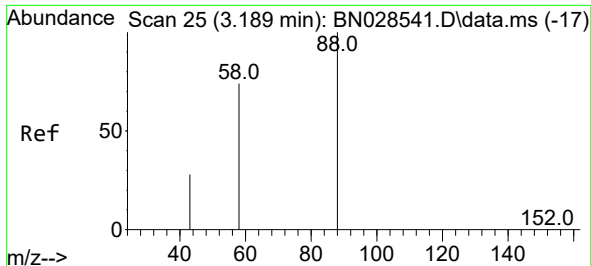
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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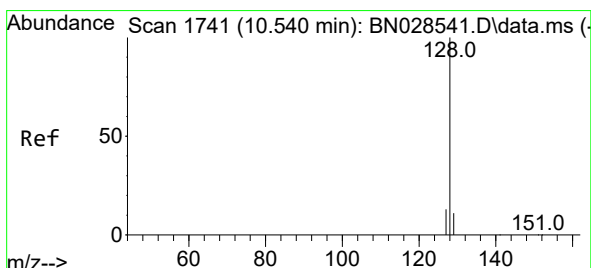
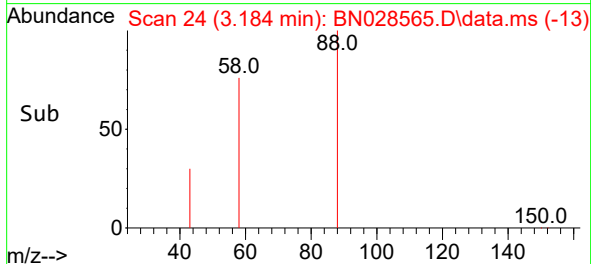
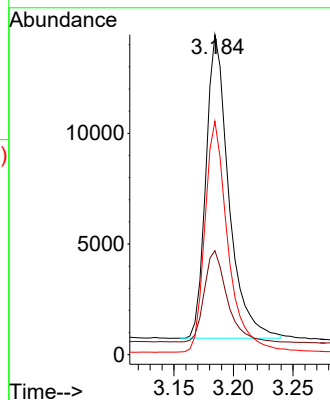
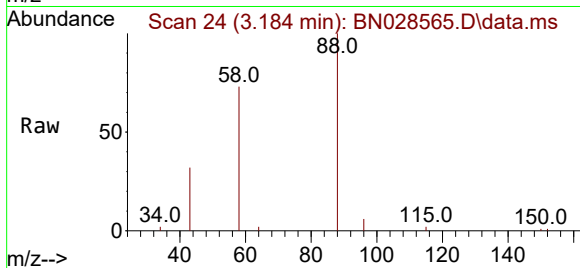




#2
1,4-Dioxane
Concen: 2.379 ng/ul
RT: 3.184 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

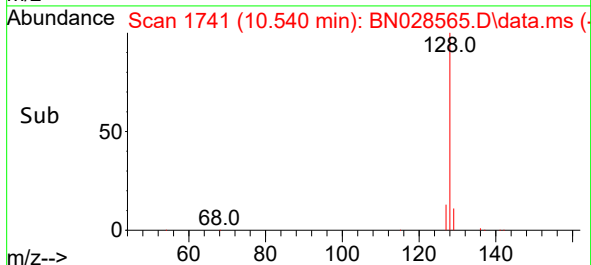
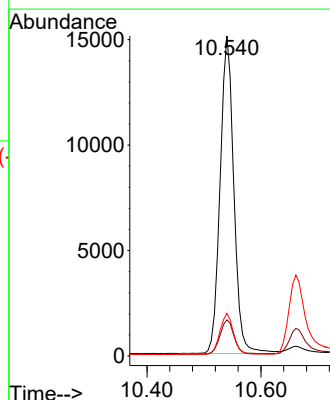
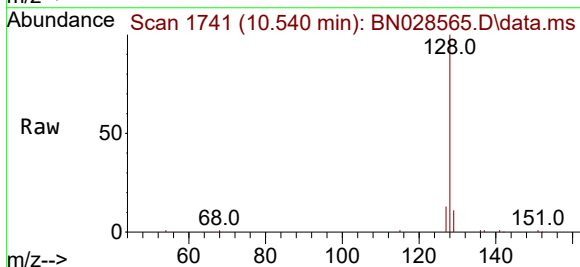
Instrument :
BNA_N
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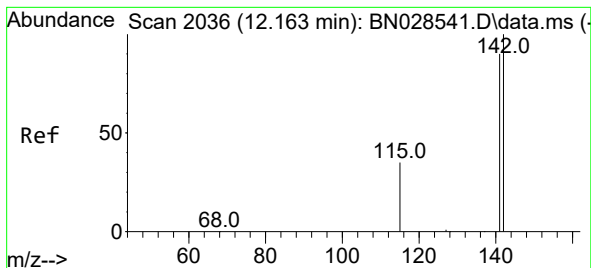
Tgt Ion: 88 Resp: 18302
Ion Ratio Lower Upper
88 100
43 32.5 32.9 49.3#
58 73.0 41.8 62.8#



#5
Naphthalene
Concen: 0.440 ng/ul
RT: 10.540 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

Tgt Ion:128 Resp: 25161
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.3 10.7 16.1

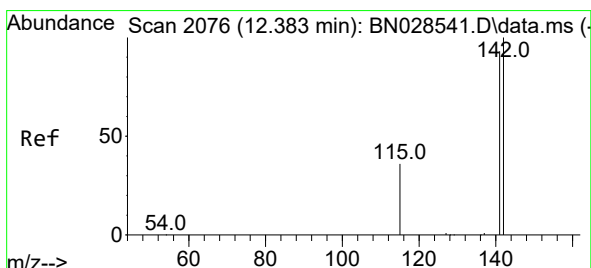
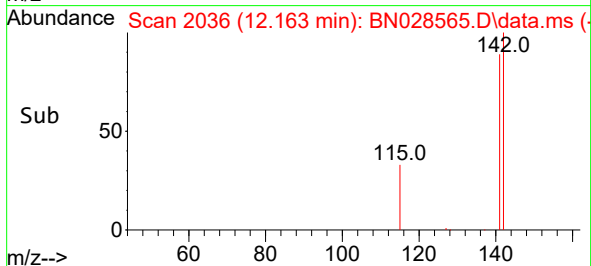
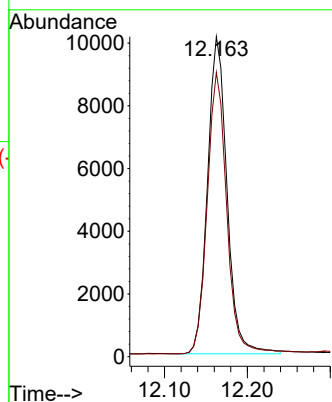
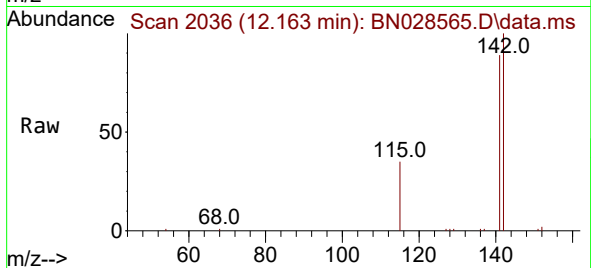




#7
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.163 min Scan# 2036
Delta R.T. -0.004 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

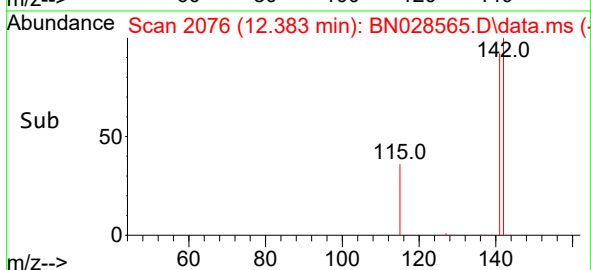
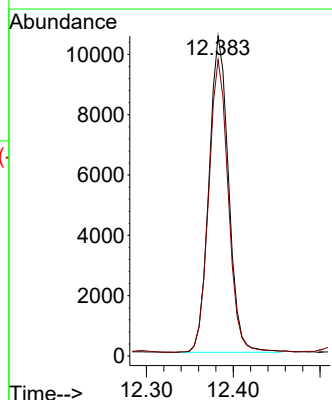
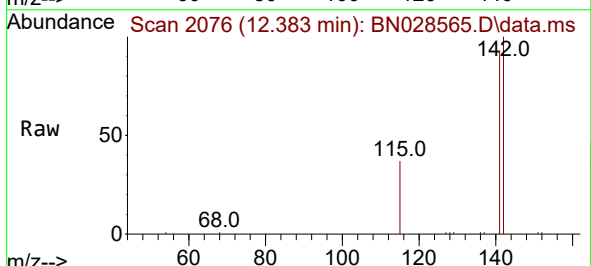
Instrument :
BNA_N
ClientSampleId :
SLCS724

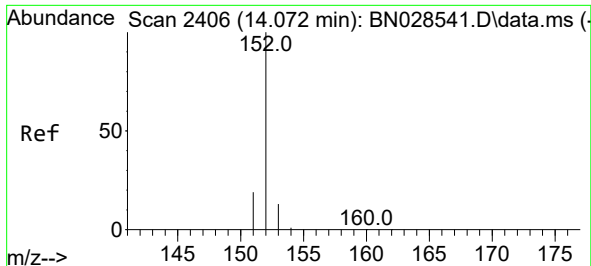
Tgt Ion:142 Resp: 16624
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.383 min Scan# 2076
Delta R.T. -0.004 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

Tgt Ion:142 Resp: 16426
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

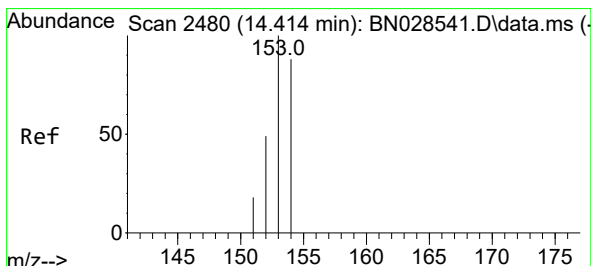
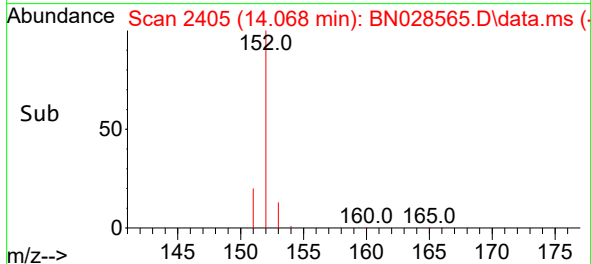
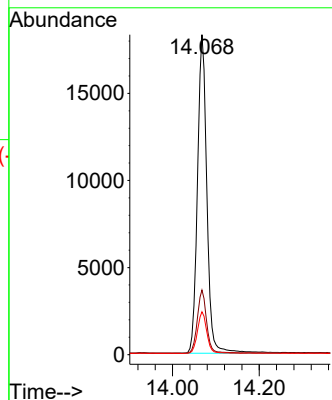
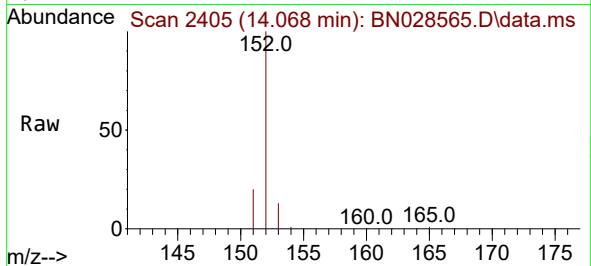




#10
Acenaphthylene
Concen: 0.426 ng/ul
RT: 14.068 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

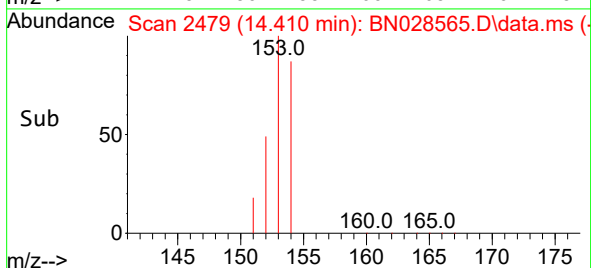
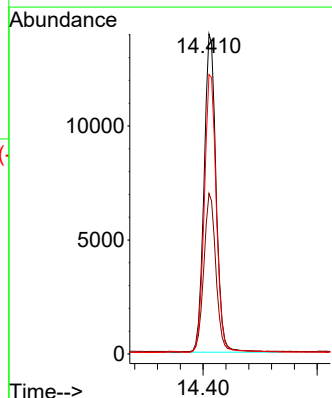
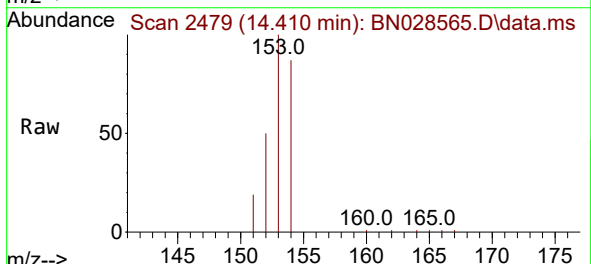
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ClientSampleId :
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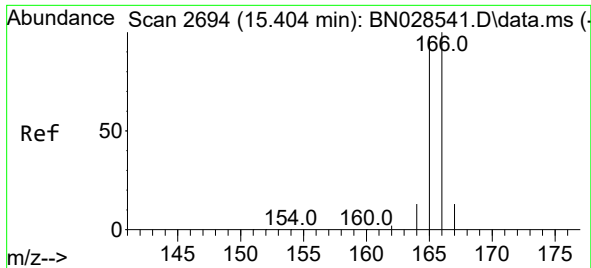
Tgt Ion:152 Resp: 27689
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.6 15.8



#11
Acenaphthene
Concen: 0.427 ng/ul
RT: 14.410 min Scan# 2479
Delta R.T. -0.007 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

Tgt Ion:153 Resp: 20398
Ion Ratio Lower Upper
153 100
152 50.1 39.6 59.4
154 87.3 71.0 106.6

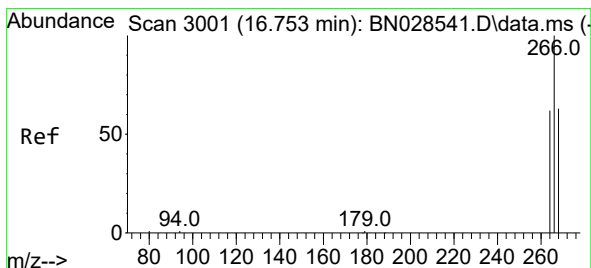
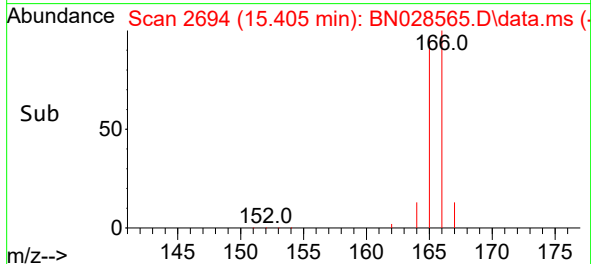
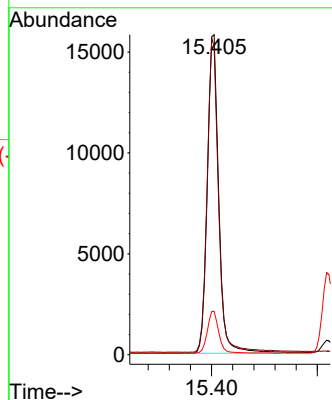
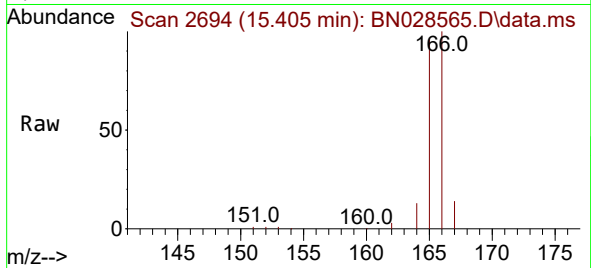




#12
Fluorene
Concen: 0.425 ng/ul
RT: 15.405 min Scan# 2694
Delta R.T. -0.003 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

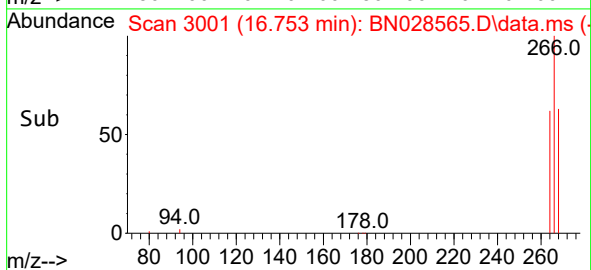
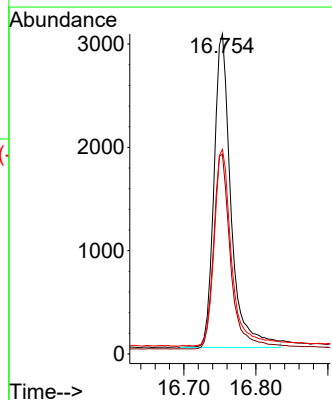
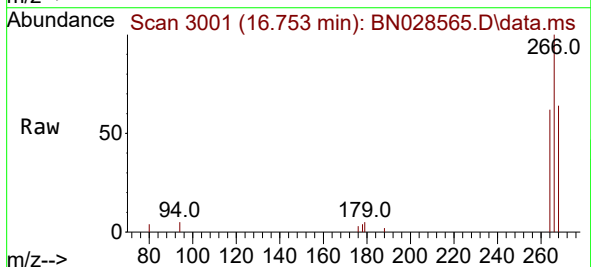
Instrument :
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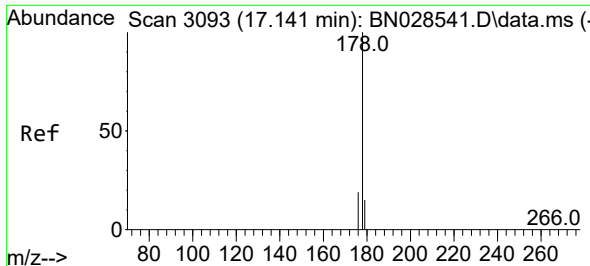
Tgt Ion:166 Resp: 23634
Ion Ratio Lower Upper
166 100
165 96.2 78.6 118.0
167 13.5 11.0 16.6



#14
Pentachlorophenol
Concen: 0.688 ng/ul
RT: 16.753 min Scan# 3001
Delta R.T. -0.002 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

Tgt Ion:266 Resp: 4983
Ion Ratio Lower Upper
266 100
264 62.8 50.1 75.1
268 64.0 50.6 75.8

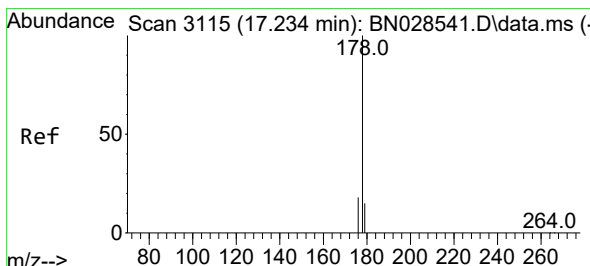
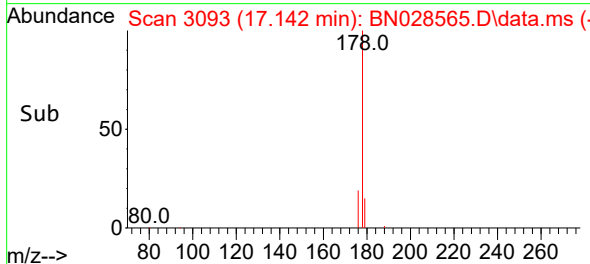
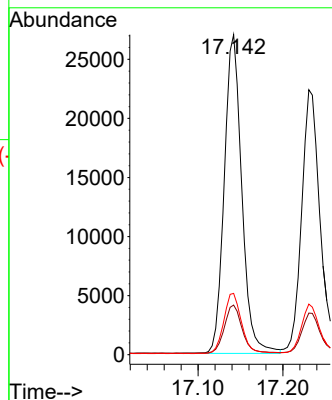
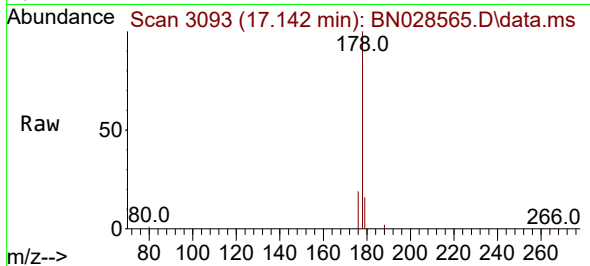




#15
Phenanthrene
Concen: 0.417 ng/ul
RT: 17.142 min Scan# 3093
Delta R.T. -0.002 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

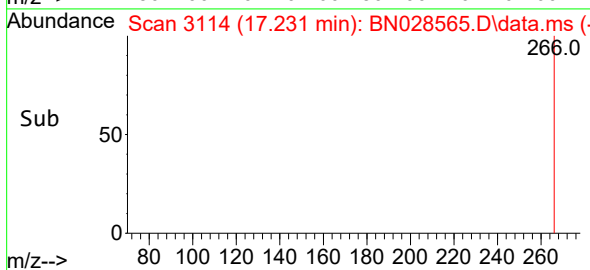
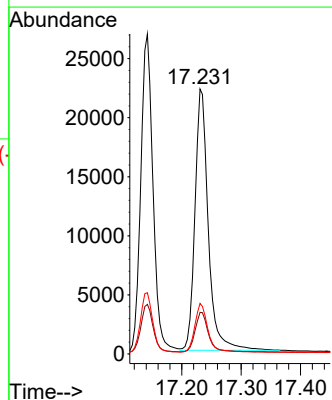
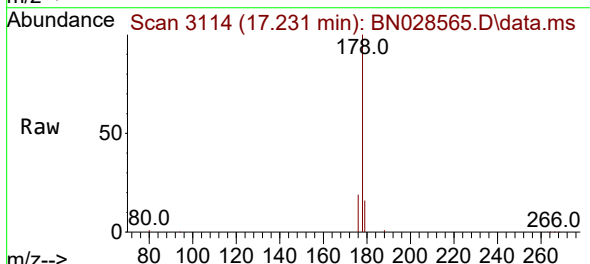
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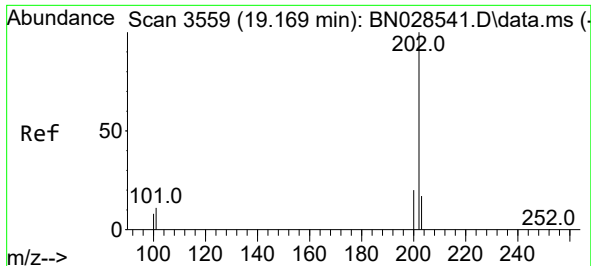
Tgt Ion:178 Resp: 38704
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.2 15.4 23.2



#16
Anthracene
Concen: 0.404 ng/ul
RT: 17.231 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

Tgt Ion:178 Resp: 34386
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.1 14.9 22.3

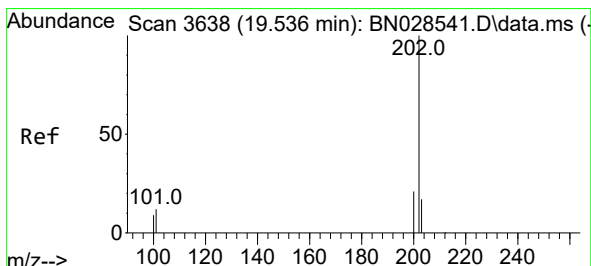
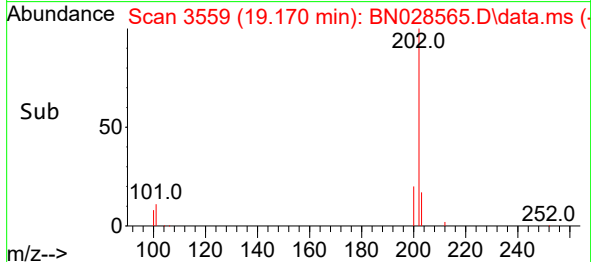
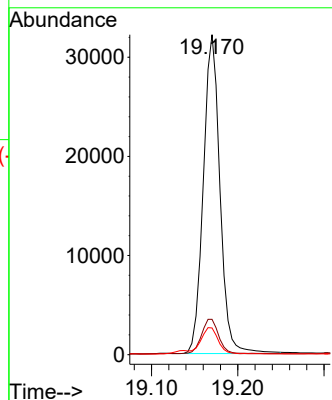
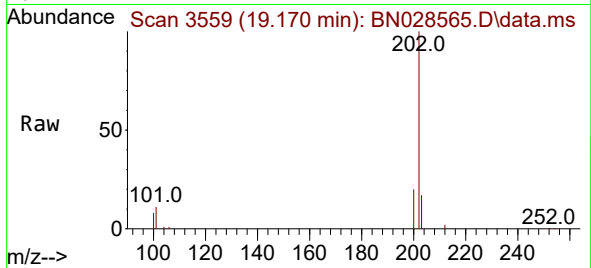




#19
Fluoranthene
Concen: 0.513 ng/ul
RT: 19.170 min Scan# 3559
Delta R.T. -0.002 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

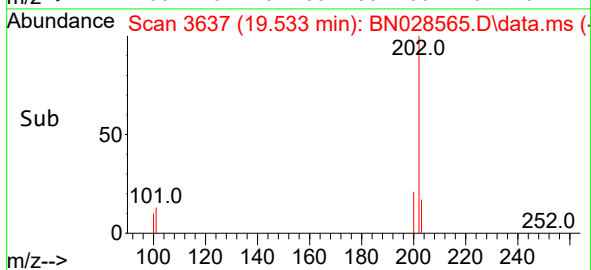
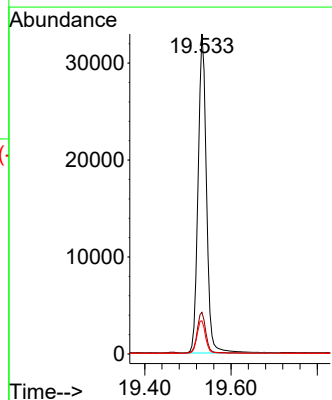
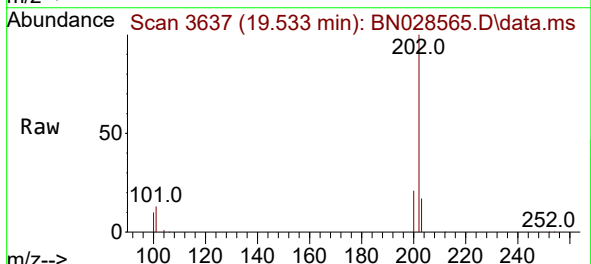
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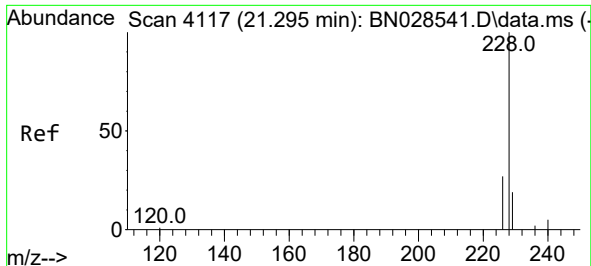
Tgt Ion:202 Resp: 43196
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.3 7.2 10.8



#20
Pyrene
Concen: 0.509 ng/ul
RT: 19.533 min Scan# 3637
Delta R.T. -0.007 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

Tgt Ion:202 Resp: 44403
Ion Ratio Lower Upper
202 100
101 13.0 10.3 15.5
100 10.3 8.2 12.2

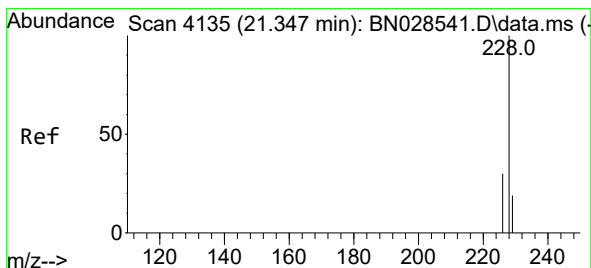
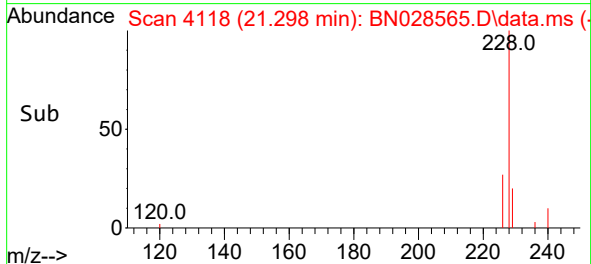
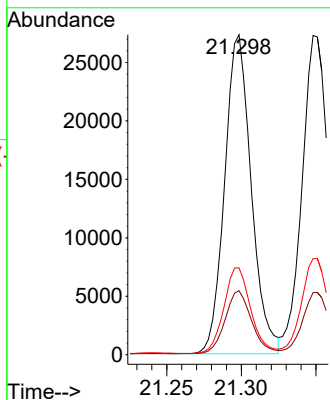
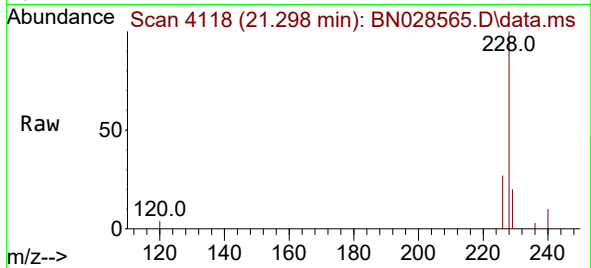




#21
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.298 min Scan# 4117
Delta R.T. -0.005 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

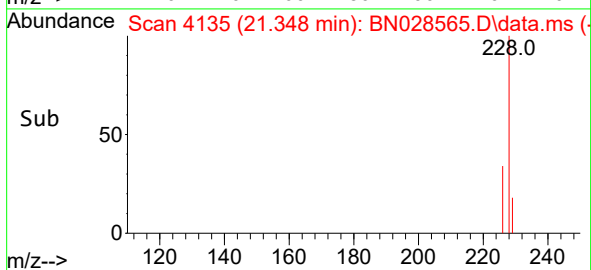
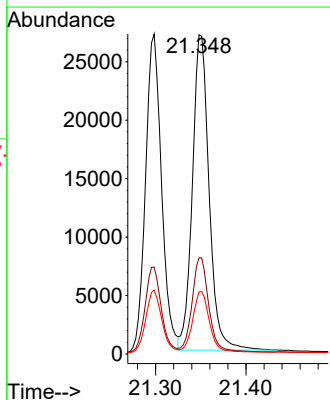
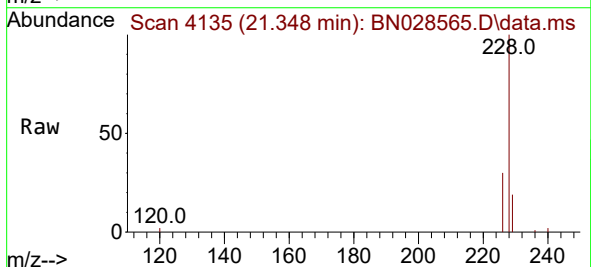
Instrument :
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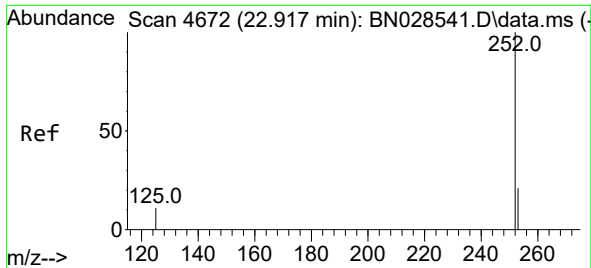
Tgt Ion:228 Resp: 33809
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.1 21.4 32.0



#22
Chrysene
Concen: 0.455 ng/ul
RT: 21.348 min Scan# 4135
Delta R.T. -0.008 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

Tgt Ion:228 Resp: 34803
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 19.4 15.4 23.2

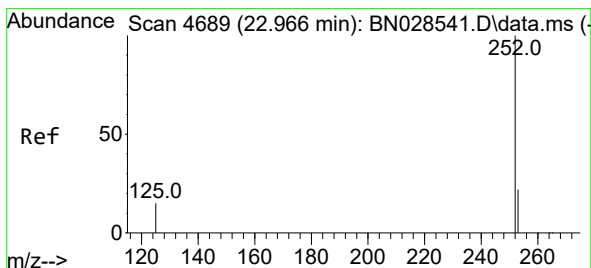
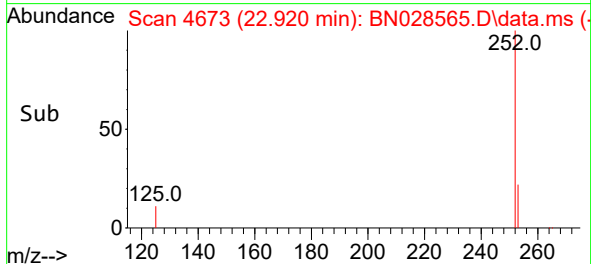
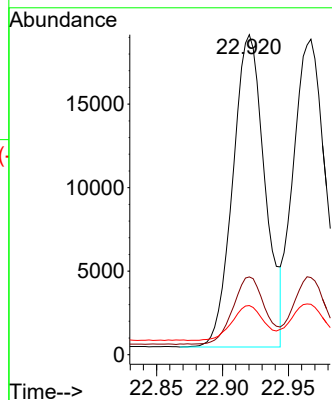
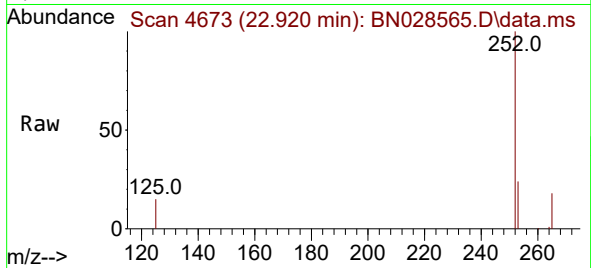




#24
Benzo(b)fluoranthene
Concen: 0.472 ng/ul
RT: 22.920 min Scan# 4673
Delta R.T. -0.008 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

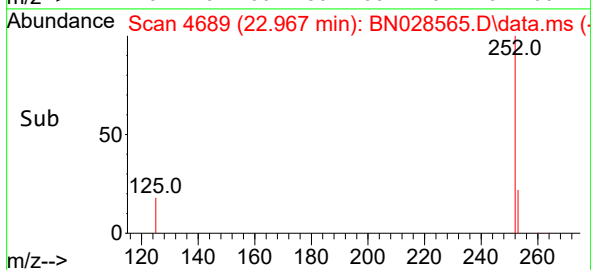
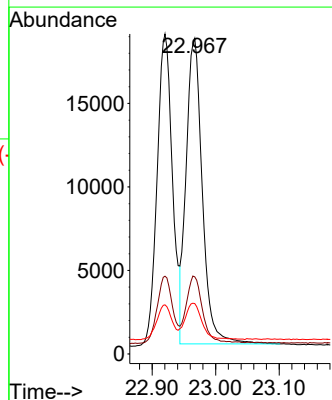
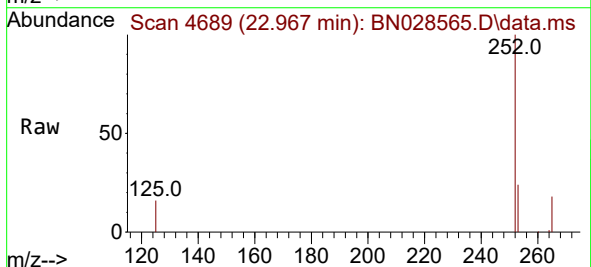
Instrument :
BNA_N
ClientSampleId :
SLCS724

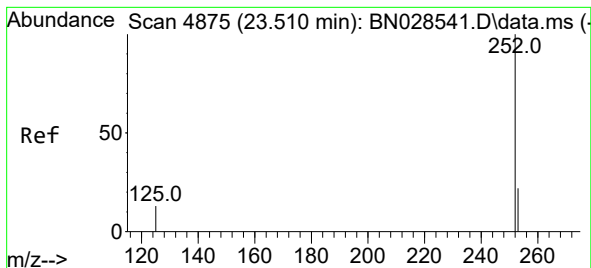
Tgt Ion:252 Resp: 31581
Ion Ratio Lower Upper
252 100
253 24.3 0.0 46.6
125 15.4 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.463 ng/ul
RT: 22.967 min Scan# 4689
Delta R.T. -0.008 min
Lab File: BN028565.D
Acq: 10 Nov 2023 19:45

Tgt Ion:252 Resp: 32442
Ion Ratio Lower Upper
252 100
253 24.4 18.6 28.0
125 16.0 12.7 19.1





#26

Benzo(a)pyrene

Concen: 0.445 ng/ul

RT: 23.514 min Scan# 4875

Delta R.T. -0.011 min

Lab File: BN028565.D

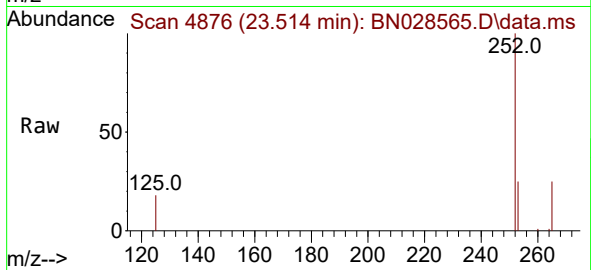
Acq: 10 Nov 2023 19:45

Instrument :

BNA_N

ClientSampleId :

SLCS724



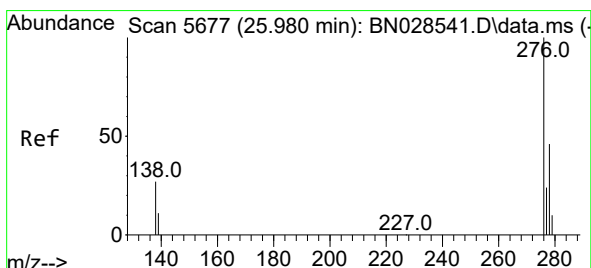
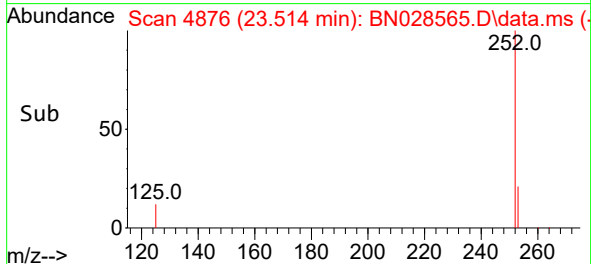
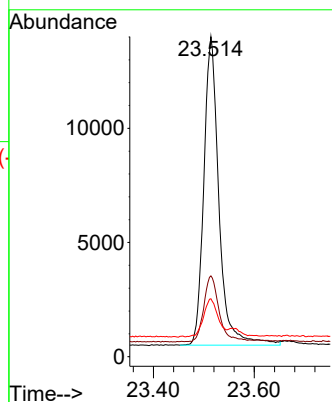
Tgt Ion:252 Resp: 28099

Ion Ratio Lower Upper

252 100

253 25.3 19.0 28.6

125 18.1 13.2 19.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.479 ng/ul

RT: 25.981 min Scan# 5677

Delta R.T. -0.013 min

Lab File: BN028565.D

Acq: 10 Nov 2023 19:45

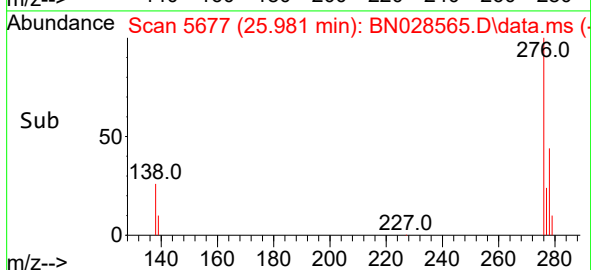
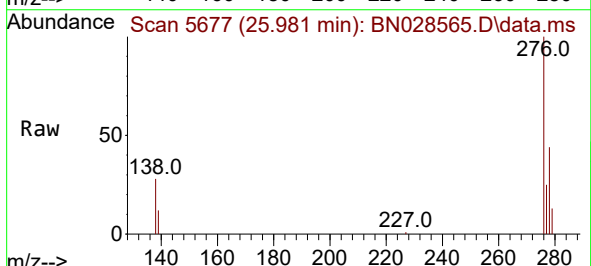
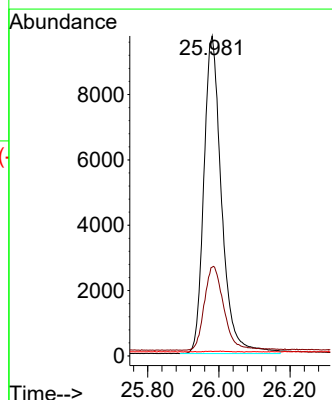
Tgt Ion:276 Resp: 33589

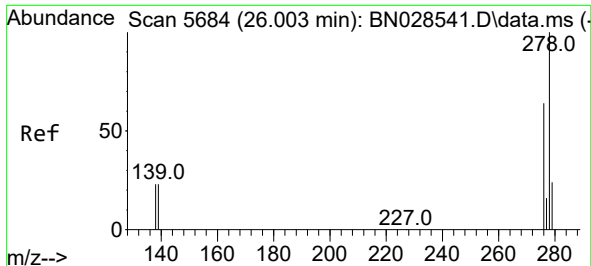
Ion Ratio Lower Upper

276 100

138 29.3 23.8 35.6

227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.482 ng/ul

RT: 26.004 min Scan# 5684

Delta R.T. -0.013 min

Lab File: BN028565.D

Acq: 10 Nov 2023 19:45

Instrument :

BNA_N

ClientSampleId :

SLCS724

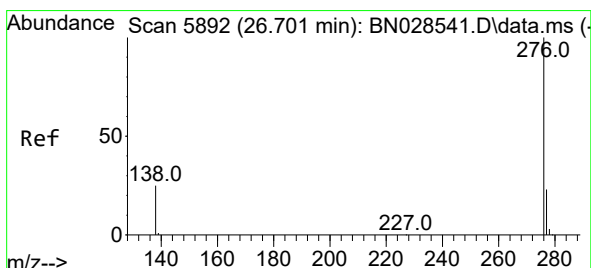
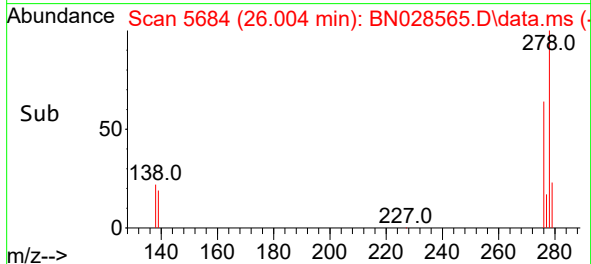
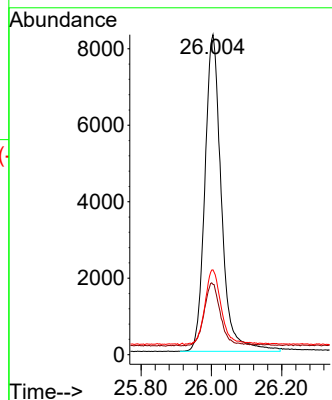
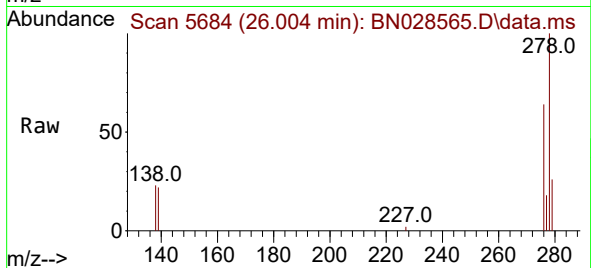
Tgt Ion:278 Resp: 26989

Ion Ratio Lower Upper

278 100

139 22.0 18.2 27.4

279 26.5 20.7 31.1



#29

Benzo(g,h,i)perylene

Concen: 0.489 ng/ul

RT: 26.702 min Scan# 5892

Delta R.T. -0.016 min

Lab File: BN028565.D

Acq: 10 Nov 2023 19:45

Tgt Ion:276 Resp: 28113

Ion Ratio Lower Upper

276 100

138 26.2 20.5 30.7

277 24.6 19.4 29.0

