

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
 Data File : BN034184.D
 Acq On : 24 Sep 2024 03:05
 Operator : RC/JU
 Sample : PB163442BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS442

Quant Time: Sep 24 03:48:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 23 19:39:10 2024
 Response via : Initial Calibration

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

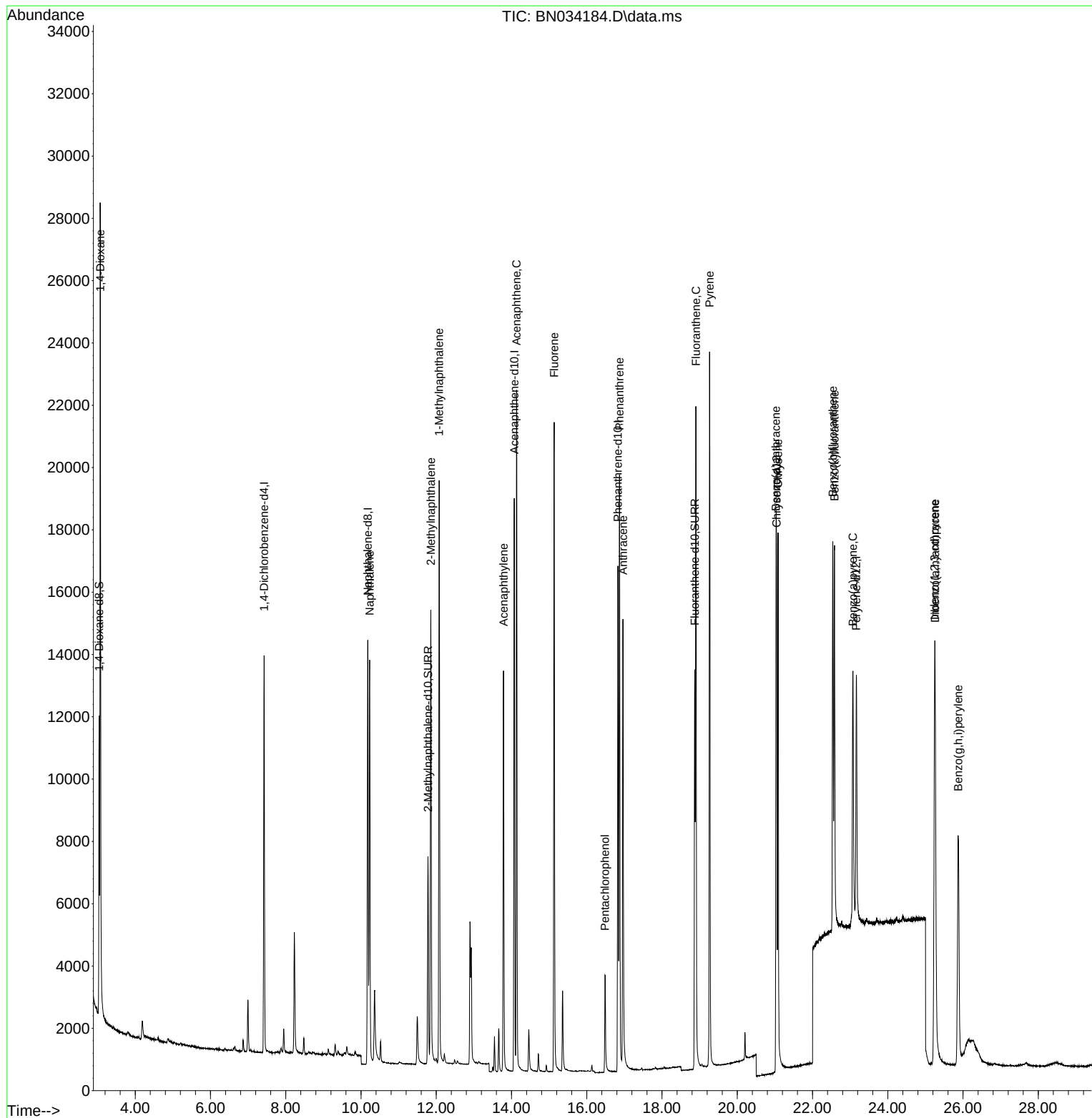
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	6259	0.400	ng/ul	0.00
4) Naphthalene-d8	10.180	136	17964	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.074	164	10211	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.827	188	19187	0.400	ng/ul	0.00
17) Chrysene-d12	21.046	240	11070	0.400	ng/ul	0.00
23) Perylene-d12	23.165	264	10619	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.039	96	5101	0.793	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.780	152	9171	0.356	ng/ul	0.00
18) Fluoranthene-d10	18.870	212	14897	0.451	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.069	88	14849	2.080	ng/ul#	78
5) Naphthalene	10.229	128	17566	0.366	ng/ul	100
7) 2-Methylnaphthalene	11.857	142	11245	0.369	ng/ul	100
8) 1-Methylnaphthalene	12.077	142	13538	0.432	ng/ul	99
10) Acenaphthylene	13.787	152	14779	0.319	ng/ul	100
11) Acenaphthene	14.134	153	12550	0.375	ng/ul	98
12) Fluorene	15.133	166	13680	0.366	ng/ul	100
14) Pentachlorophenol	16.485	266	2384	0.395	ng/ul	100
15) Phenanthrene	16.869	178	20329	0.359	ng/ul	99
16) Anthracene	16.962	178	17058	0.335	ng/ul	99
19) Fluoranthene	18.902	202	19569	0.448	ng/ul	97
20) Pyrene	19.265	202	19941	0.430	ng/ul	97
21) Benzo(a)anthracene	21.029	228	14292	0.328	ng/ul	100
22) Chrysene	21.081	228	16897	0.384	ng/ul	100
24) Benzo(b)fluoranthene	22.539	252	14568	0.353	ng/ul	98
25) Benzo(k)fluoranthene	22.583	252	16221	0.393	ng/ul	98
26) Benzo(a)pyrene	23.074	252	13012	0.393	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.245	276	17397	0.350	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.259	278	13293	0.344	ng/ul	96
29) Benzo(g,h,i)perylene	25.869	276	14332	0.369	ng/ul	97

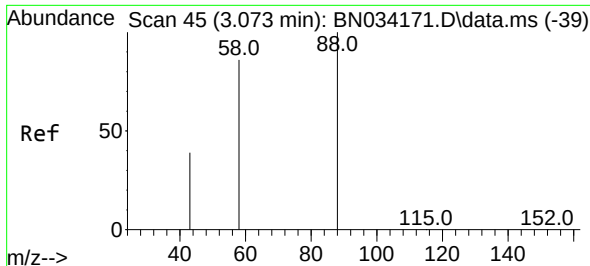
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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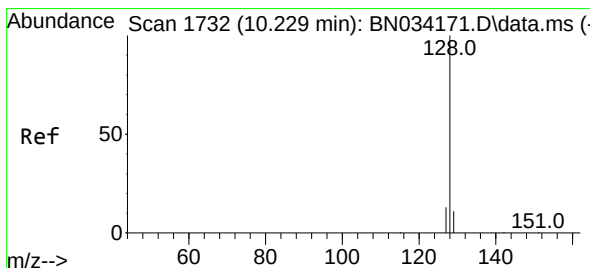
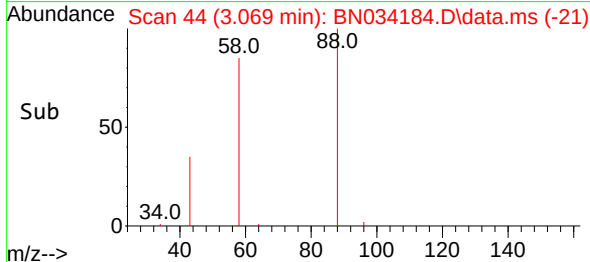
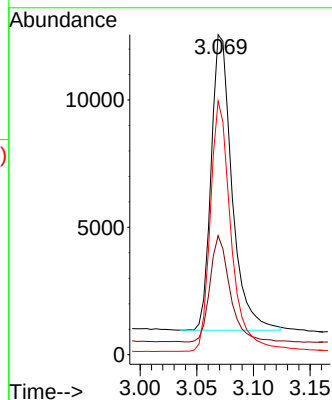
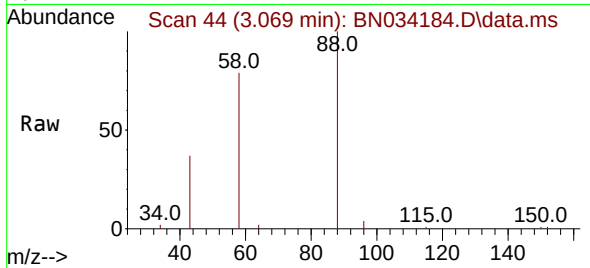




#2
1,4-Dioxane
Concen: 2.080 ng/ul
RT: 3.069 min Scan# 44
Delta R.T. -0.004 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

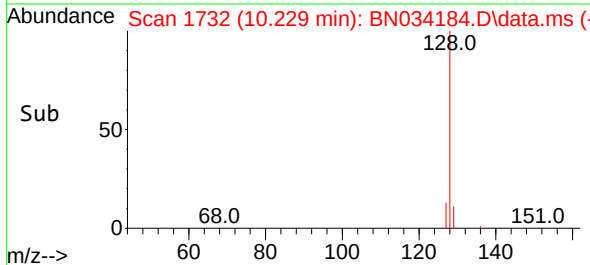
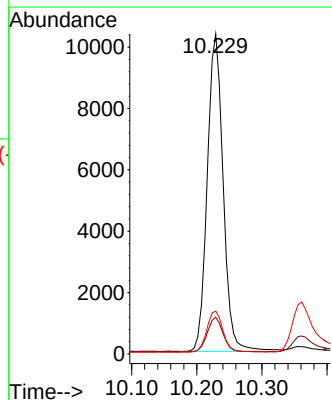
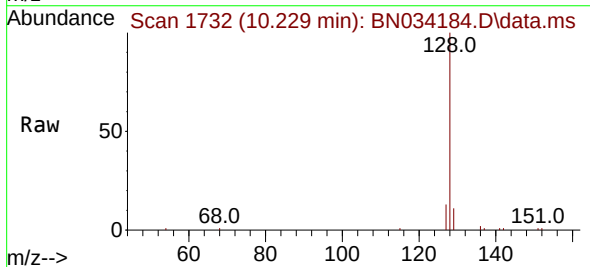
Instrument :
BNA_N
ClientSampleId :
SLCS442

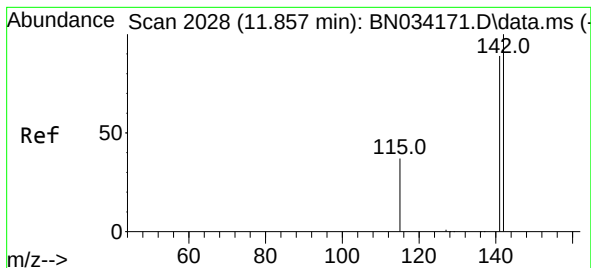
Tgt Ion: 88 Resp: 14849
Ion Ratio Lower Upper
88 100
43 37.2 47.0 70.4#
58 79.3 53.0 79.4



#5
Naphthalene
Concen: 0.366 ng/ul
RT: 10.229 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

Tgt Ion:128 Resp: 17566
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.4 10.8 16.2

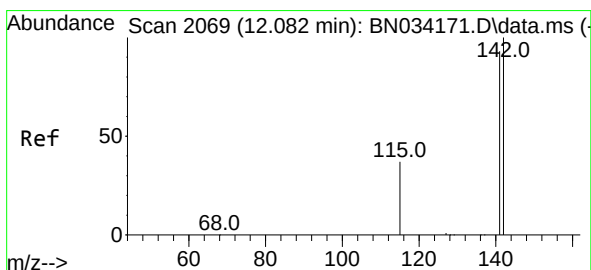
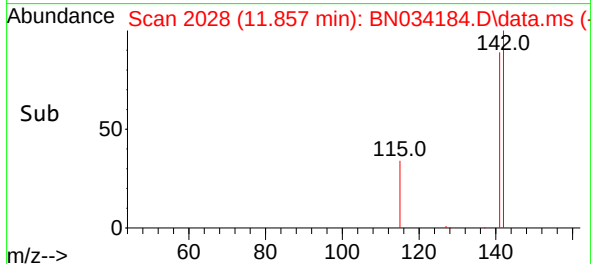
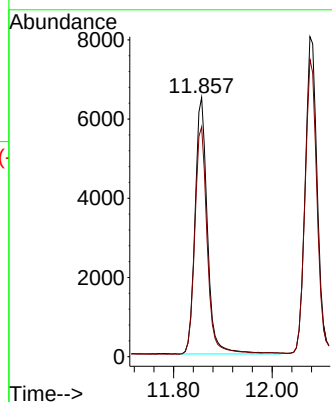
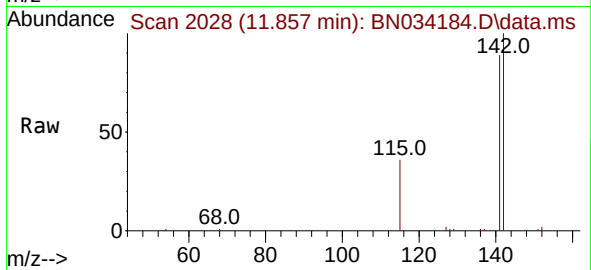




#7
2-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 11.857 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

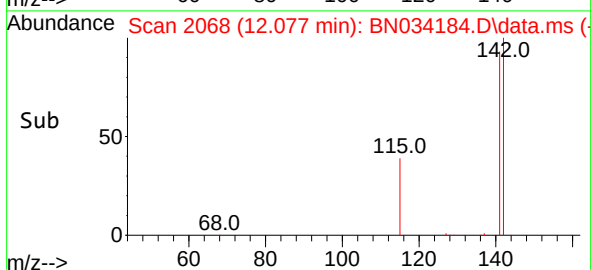
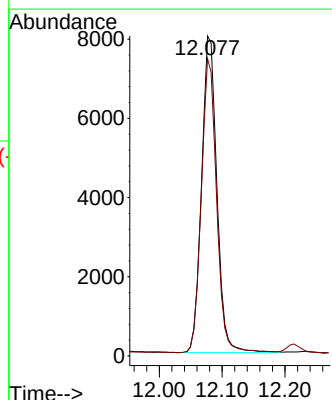
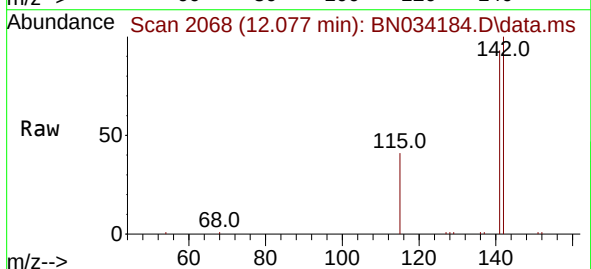
Instrument :
BNA_N
ClientSampleId :
SLCS442

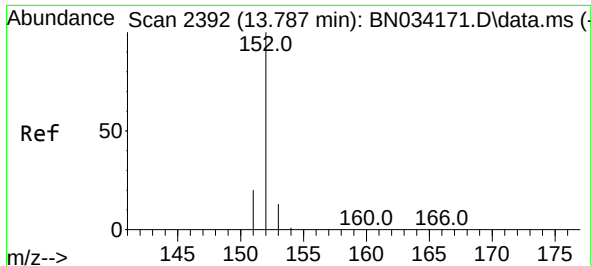
Tgt Ion:142 Resp: 11245
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.077 min Scan# 2068
Delta R.T. -0.005 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

Tgt Ion:142 Resp: 13538
Ion Ratio Lower Upper
142 100
141 92.5 73.6 110.4

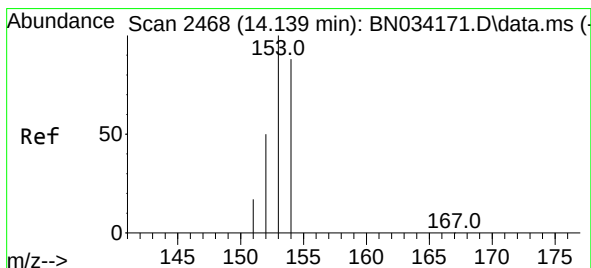
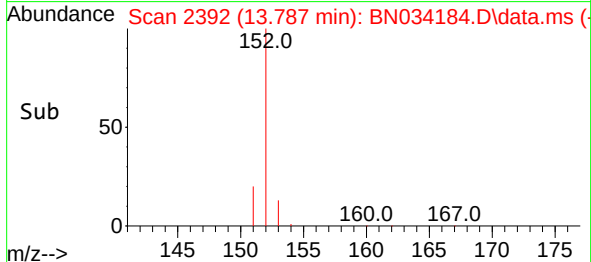
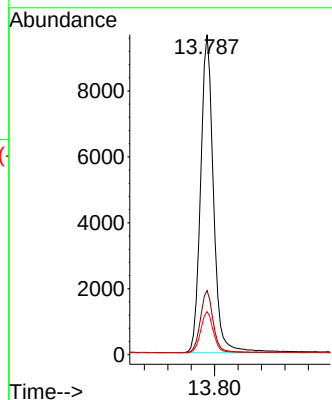
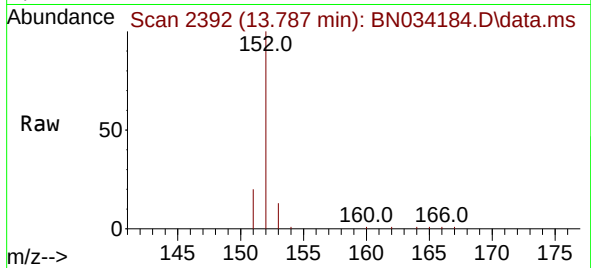




#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 13.787 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

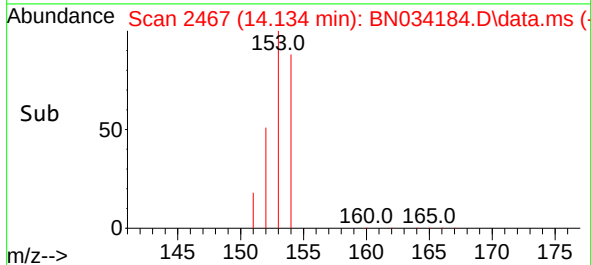
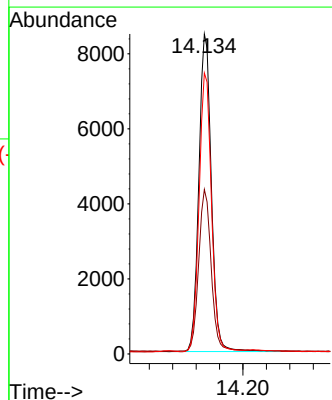
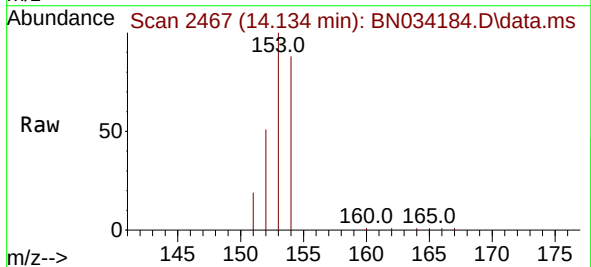
Instrument :
BNA_N
ClientSampleId :
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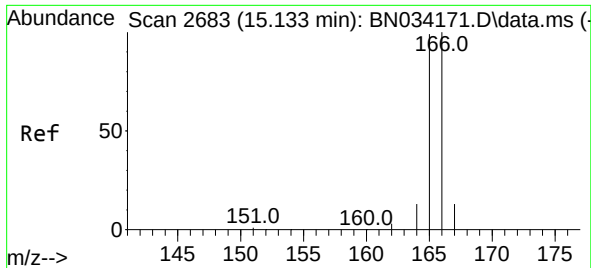
Tgt Ion:152 Resp: 14779
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.134 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

Tgt Ion:153 Resp: 12550
Ion Ratio Lower Upper
153 100
152 51.4 39.8 59.8
154 87.8 69.0 103.6

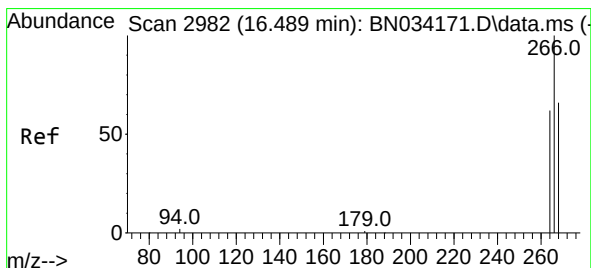
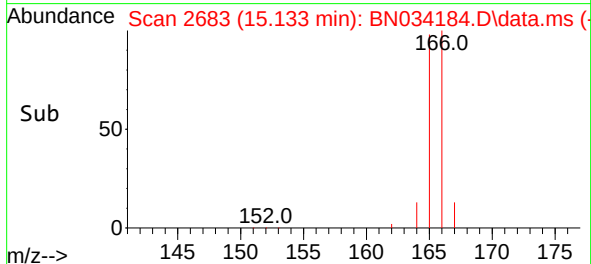
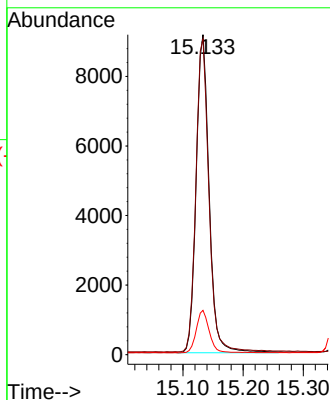
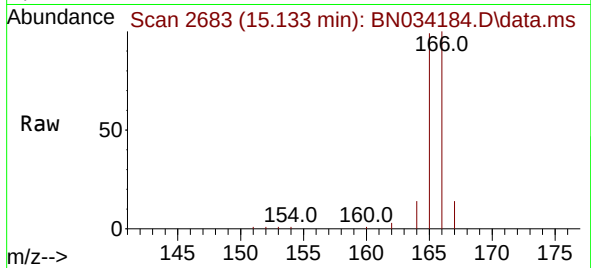




#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.133 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

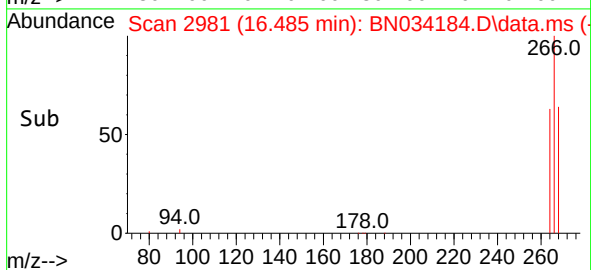
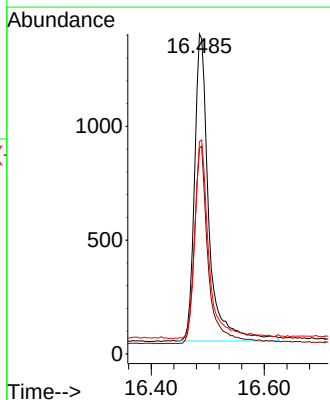
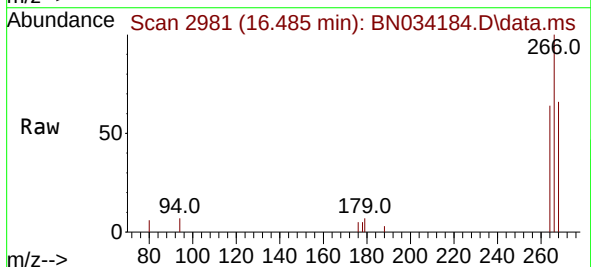
Instrument :
BNA_N
ClientSampleId :
SLCS442

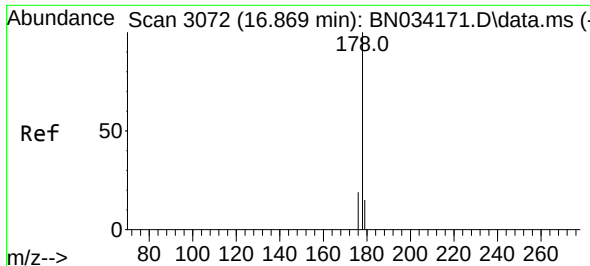
Tgt Ion:166 Resp: 13680
Ion Ratio Lower Upper
166 100
165 98.6 79.1 118.7
167 13.8 11.4 17.0



#14
Pentachlorophenol
Concen: 0.395 ng/ul
RT: 16.485 min Scan# 2981
Delta R.T. -0.004 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

Tgt Ion:266 Resp: 2384
Ion Ratio Lower Upper
266 100
264 62.8 50.3 75.5
268 64.0 51.7 77.5

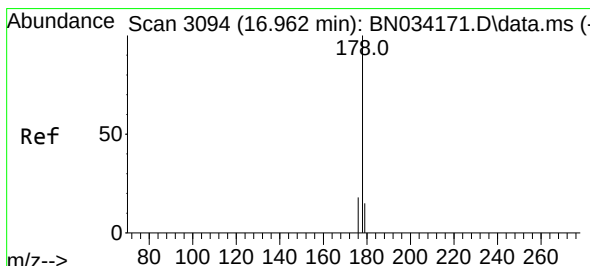
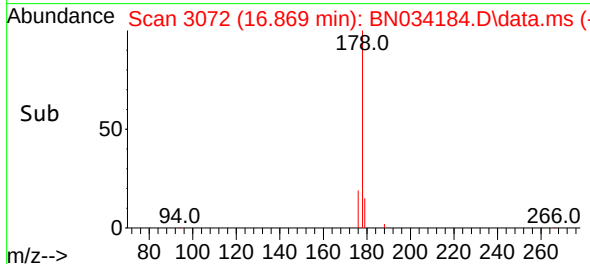
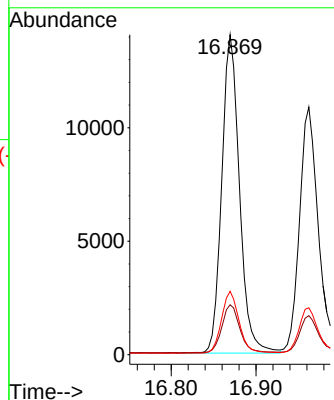
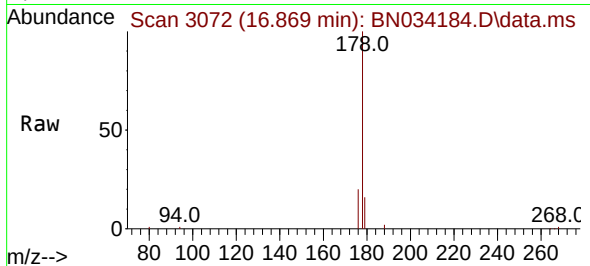




#15
Phenanthrene
Concen: 0.359 ng/u1
RT: 16.869 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

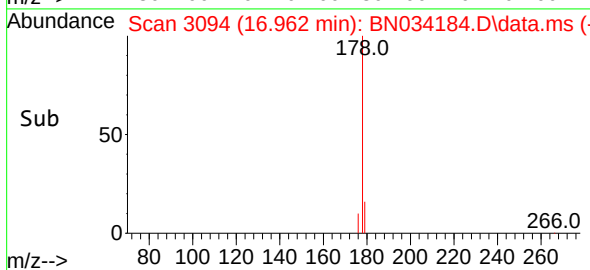
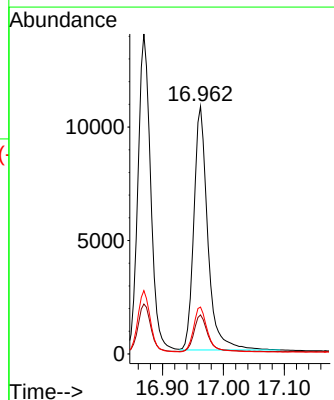
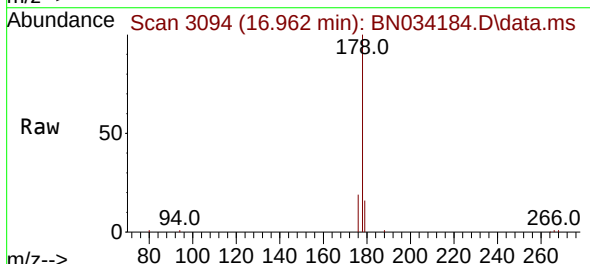
Instrument :
BNA_N
ClientSampleId :
SLCS442

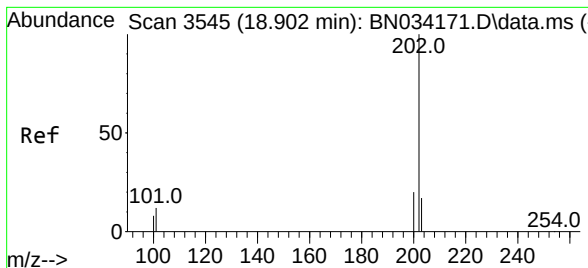
Tgt Ion:178 Resp: 20329
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.8 15.7 23.5



#16
Anthracene
Concen: 0.335 ng/u1
RT: 16.962 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

Tgt Ion:178 Resp: 17058
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 18.9 15.2 22.8





#19

Fluoranthene

Concen: 0.448 ng/ul

RT: 18.902 min Scan# 3545

Delta R.T. 0.000 min

Lab File: BN034184.D

Acq: 24 Sep 2024 03:05

Instrument :

BNA_N

ClientSampleId :

SLCS442

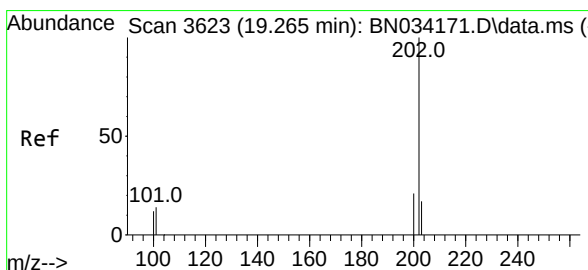
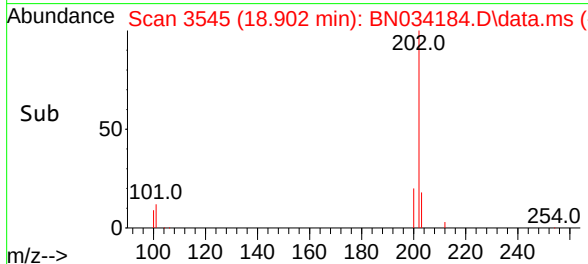
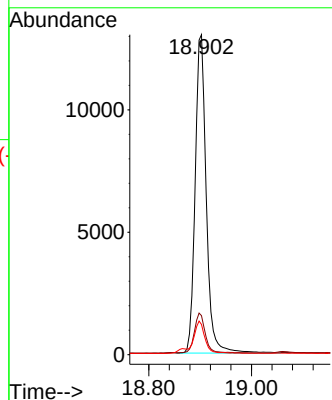
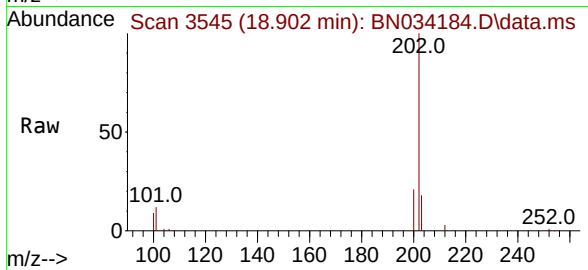
Tgt Ion:202 Resp: 19569

Ion Ratio Lower Upper

202 100

101 12.2 9.0 13.4

100 9.5 6.7 10.1



#20

Pyrene

Concen: 0.430 ng/ul

RT: 19.265 min Scan# 3623

Delta R.T. 0.000 min

Lab File: BN034184.D

Acq: 24 Sep 2024 03:05

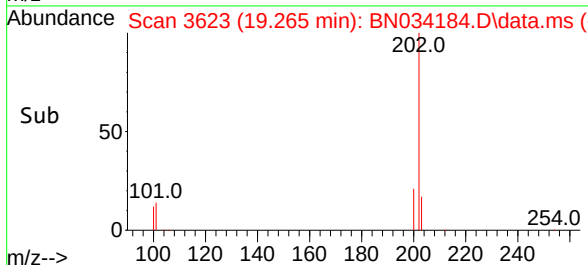
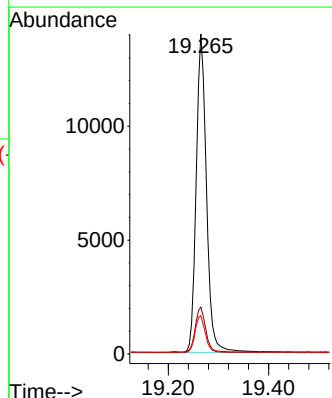
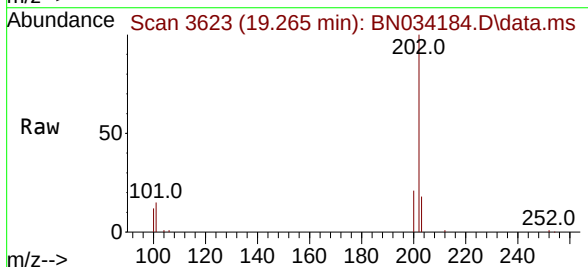
Tgt Ion:202 Resp: 19941

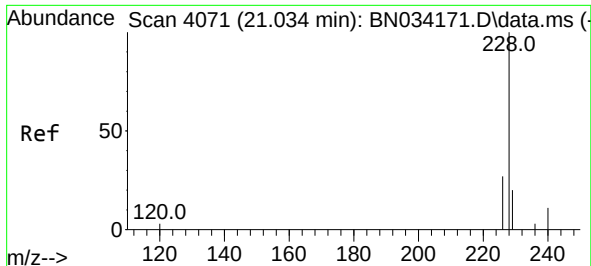
Ion Ratio Lower Upper

202 100

101 14.6 10.8 16.2

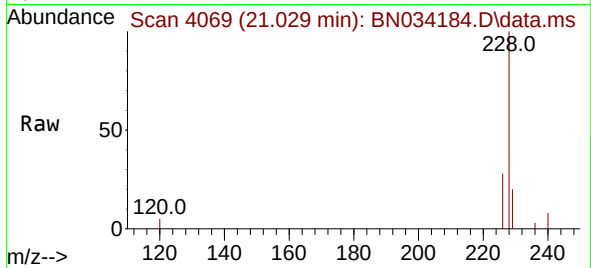
100 11.9 8.7 13.1



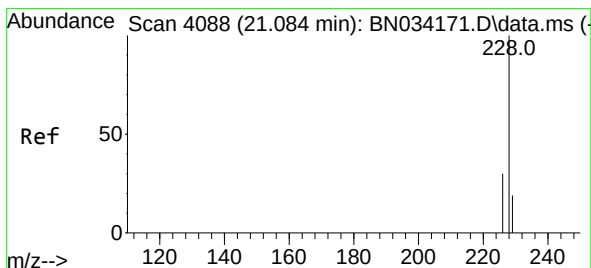
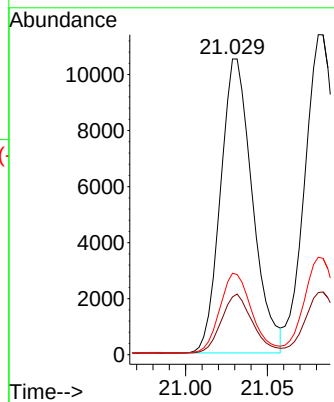
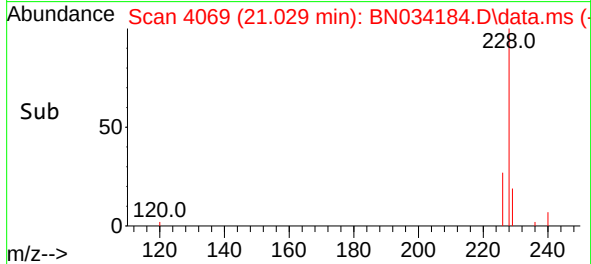


#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.029 min Scan# 4069
Delta R.T. -0.006 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

Instrument :
BNA_N
ClientSampleId :
SLCS442

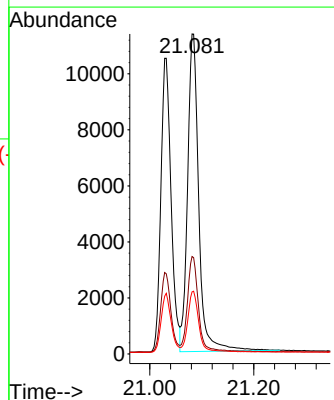
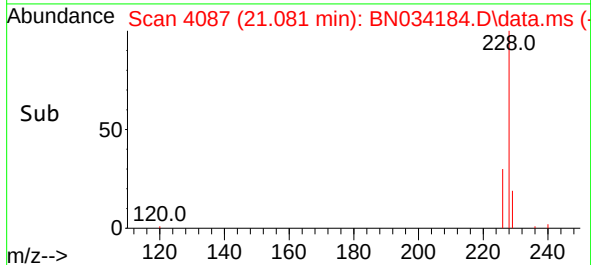
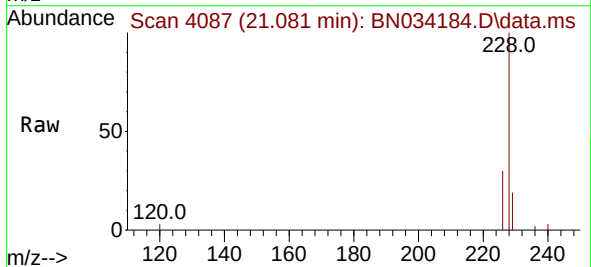


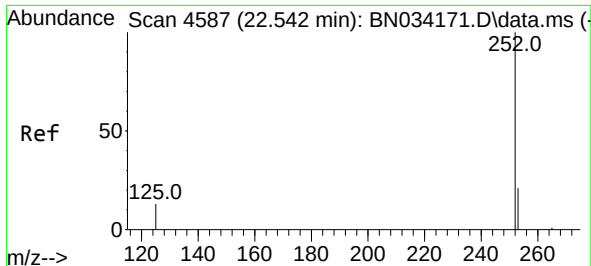
Tgt Ion:228 Resp: 14292
Ion Ratio Lower Upper
228 100
229 19.5 15.4 23.2
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.384 ng/ul
RT: 21.081 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

Tgt Ion:228 Resp: 16897
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.4 15.6 23.4

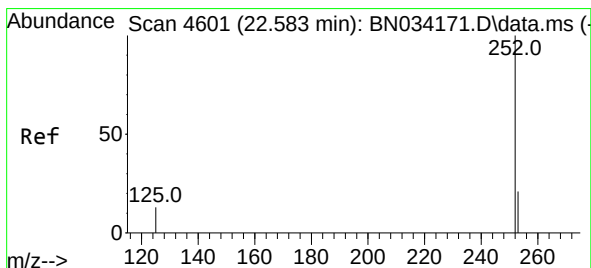
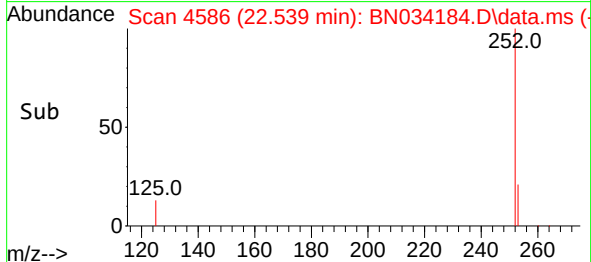
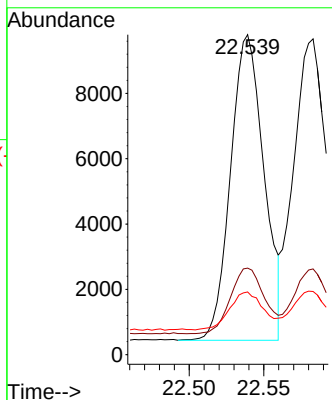
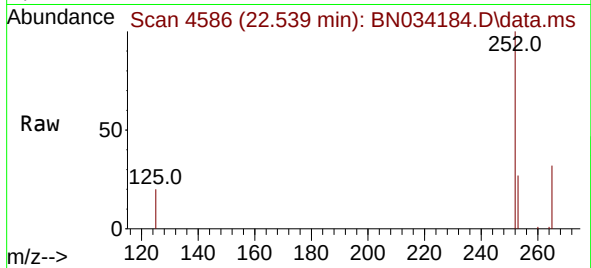




#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 22.539 min Scan# 4586
Delta R.T. -0.003 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

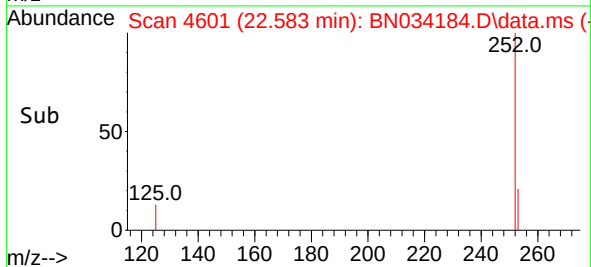
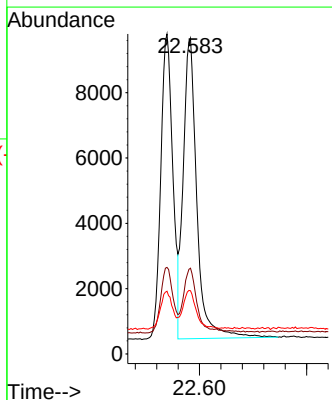
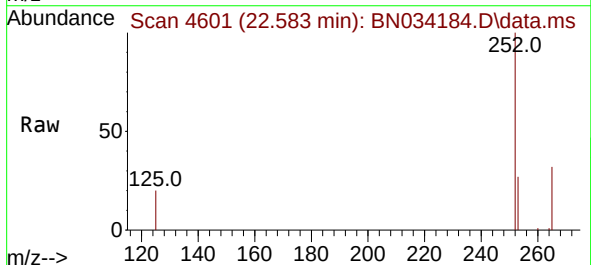
Instrument :
BNA_N
ClientSampleId :
SLCS442

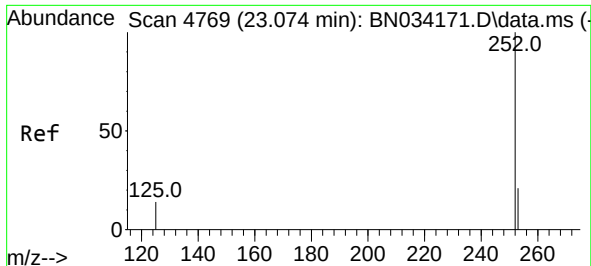
Tgt Ion:252 Resp: 14568
Ion Ratio Lower Upper
252 100
253 27.1 0.0 52.8
125 19.6 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 22.583 min Scan# 4601
Delta R.T. 0.000 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

Tgt Ion:252 Resp: 16221
Ion Ratio Lower Upper
252 100
253 27.2 21.4 32.0
125 20.0 15.1 22.7

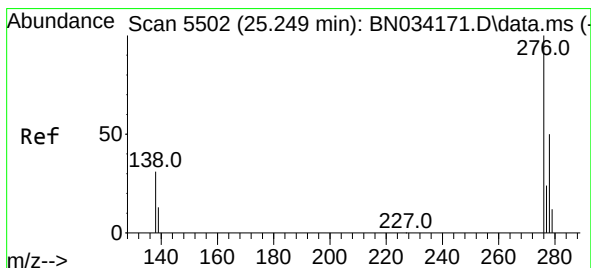
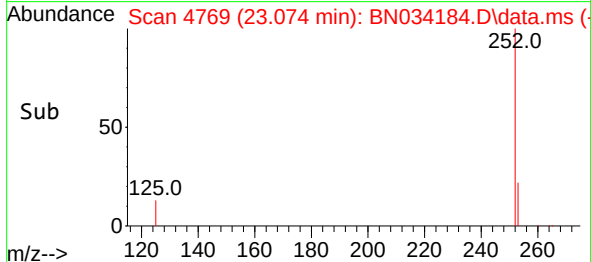
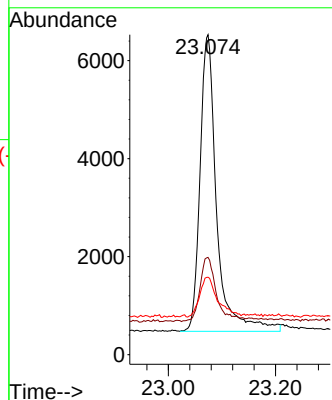
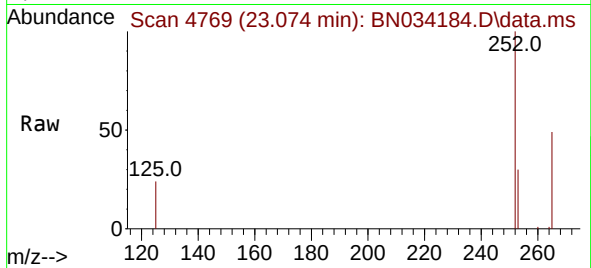




#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.074 min Scan# 4769
Delta R.T. 0.000 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

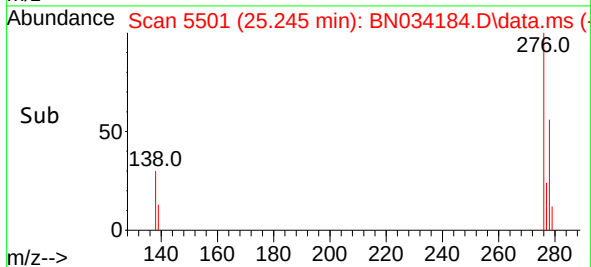
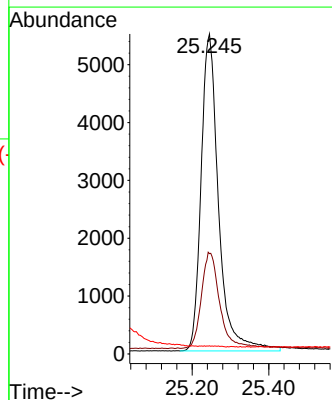
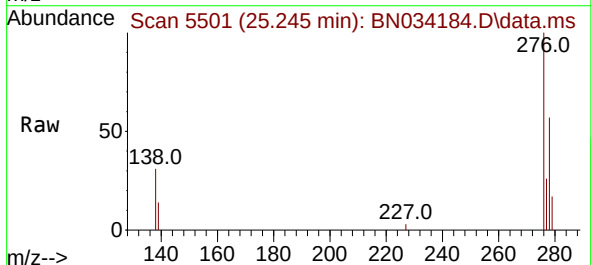
Instrument :
BNA_N
ClientSampleId :
SLCS442

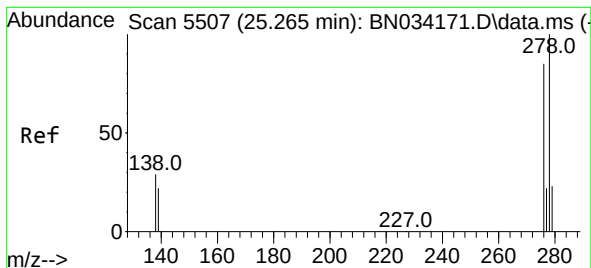
Tgt Ion:252 Resp: 13012
Ion Ratio Lower Upper
252 100
253 30.4 22.8 34.2
125 24.2 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.350 ng/ul
RT: 25.245 min Scan# 5501
Delta R.T. -0.003 min
Lab File: BN034184.D
Acq: 24 Sep 2024 03:05

Tgt Ion:276 Resp: 17397
Ion Ratio Lower Upper
276 100
138 32.1 22.3 33.5
227 0.0 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.344 ng/ul

RT: 25.259 min Scan# 51

Delta R.T. -0.007 min

Lab File: BN034184.D

Acq: 24 Sep 2024 03:05

Instrument :

BNA_N

ClientSampleId :

SLCS442

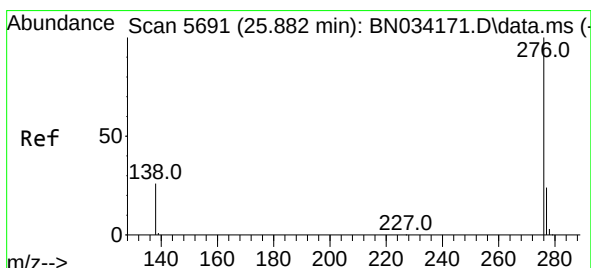
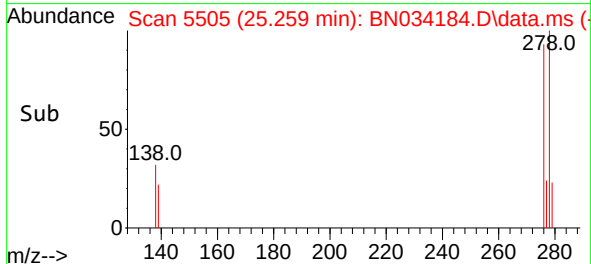
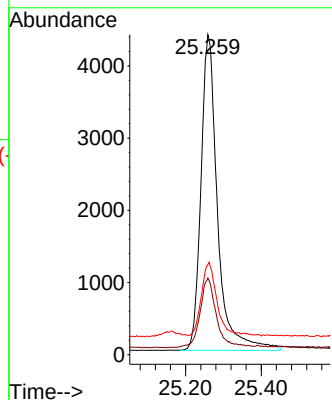
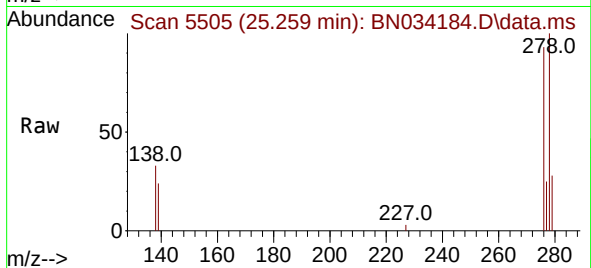
Tgt Ion:278 Resp: 13293

Ion Ratio Lower Upper

278 100

139 24.0 17.3 25.9

279 28.2 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 0.369 ng/ul

RT: 25.869 min Scan# 5687

Delta R.T. -0.013 min

Lab File: BN034184.D

Acq: 24 Sep 2024 03:05

Tgt Ion:276 Resp: 14332

Ion Ratio Lower Upper

276 100

138 29.3 20.8 31.2

277 25.2 20.2 30.4

