

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
 Data File : BN034185.D
 Acq On : 24 Sep 2024 03:41
 Operator : RC/JU
 Sample : PB163503BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS503

Quant Time: Sep 24 04:36:46 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

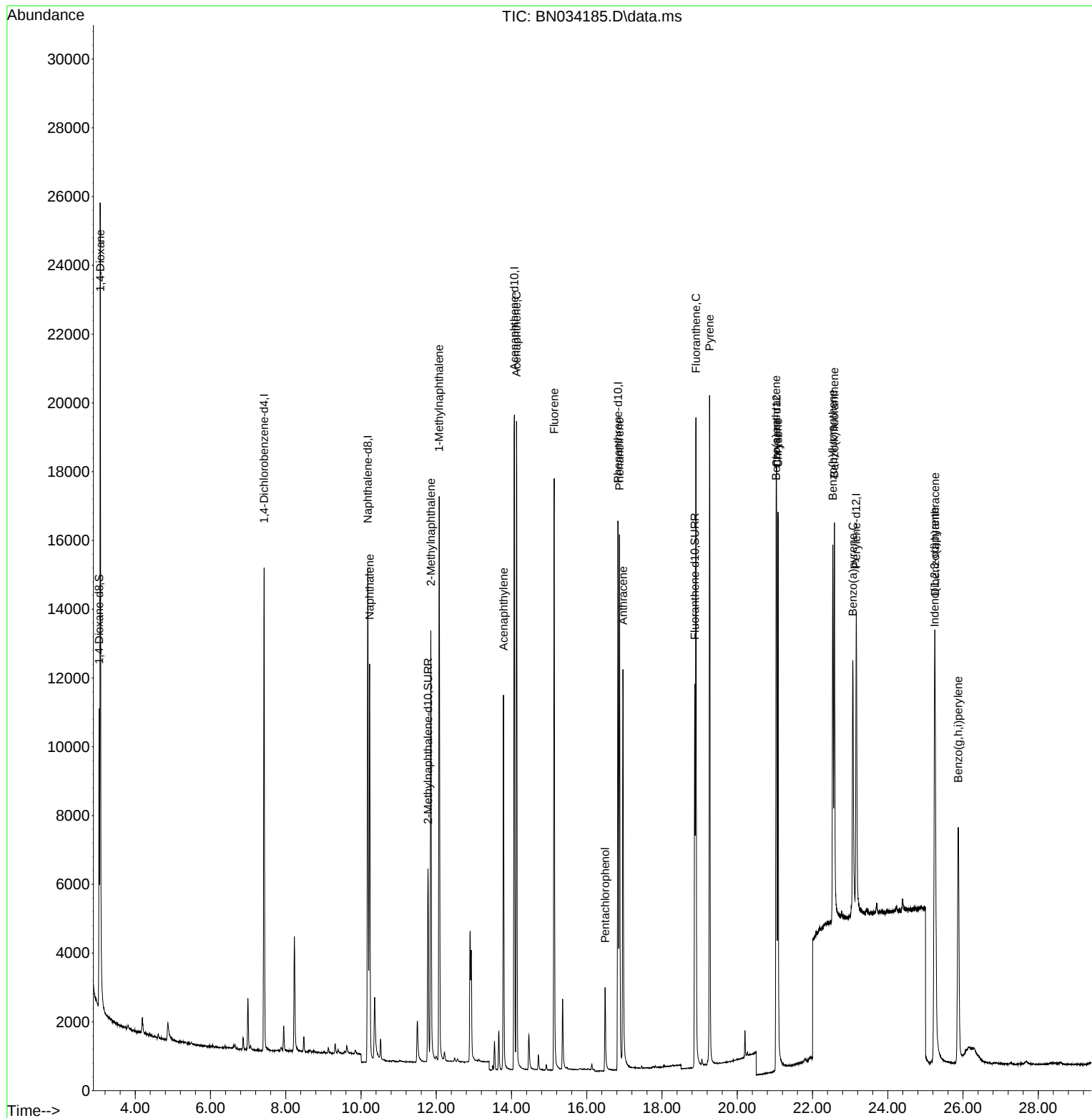
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	6857	0.400	ng/ul	0.00
4) Naphthalene-d8	10.180	136	19320	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.074	164	10520	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.831	188	19468	0.400	ng/ul	0.00
17) Chrysene-d12	21.046	240	11821	0.400	ng/ul	0.00
23) Perylene-d12	23.162	264	11732	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.039	96	4686	0.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.780	152	8123	0.293	ng/ul	0.00
18) Fluoranthene-d10	18.870	212	12924	0.367	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.069	88	13370	1.709	ng/ul#	78
5) Naphthalene	10.229	128	15527	0.301	ng/ul	99
7) 2-Methylnaphthalene	11.857	142	9794	0.299	ng/ul	99
8) 1-Methylnaphthalene	12.077	142	11807	0.351	ng/ul	100
10) Acenaphthylene	13.787	152	12543	0.263	ng/ul	100
11) Acenaphthene	14.134	153	10811	0.313	ng/ul	98
12) Fluorene	15.133	166	11473	0.298	ng/ul	99
14) Pentachlorophenol	16.489	266	1941	0.317	ng/ul	99
15) Phenanthrene	16.869	178	16979	0.296	ng/ul	100
16) Anthracene	16.962	178	14268	0.276	ng/ul	100
19) Fluoranthene	18.902	202	16525	0.354	ng/ul	98
20) Pyrene	19.265	202	17146	0.346	ng/ul	97
21) Benzo(a)anthracene	21.032	228	12392	0.266	ng/ul	100
22) Chrysene	21.081	228	14790	0.315	ng/ul	99
24) Benzo(b)fluoranthene	22.539	252	12902	0.283	ng/ul	96
25) Benzo(k)fluoranthene	22.580	252	14718	0.323	ng/ul	97
26) Benzo(a)pyrene	23.071	252	11596	0.317	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.242	276	15814	0.288	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.255	278	12098	0.284	ng/ul	97
29) Benzo(g,h,i)perylene	25.872	276	12952	0.302	ng/ul	97

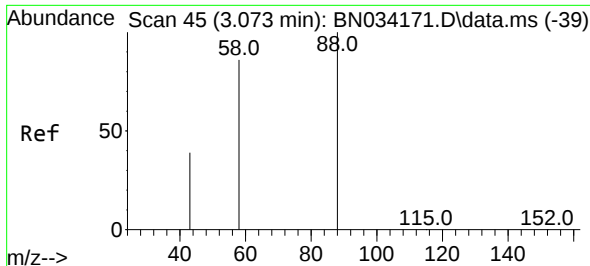
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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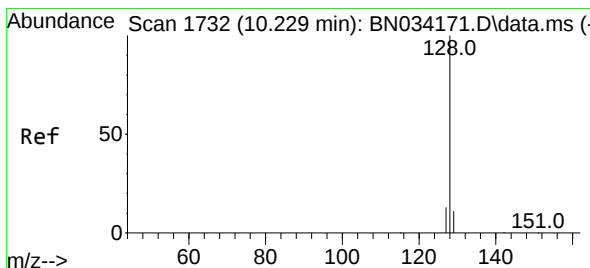
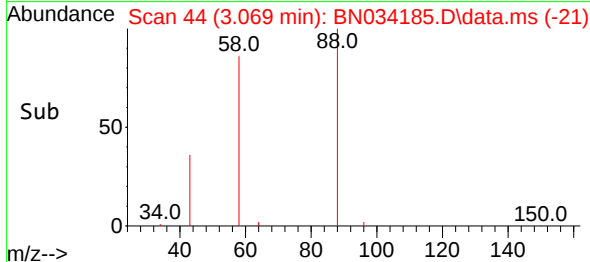
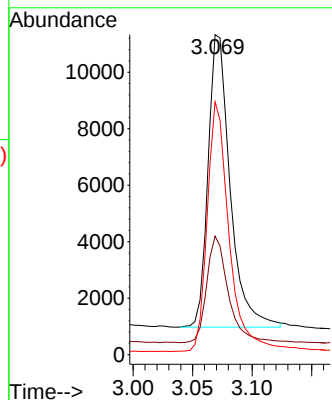
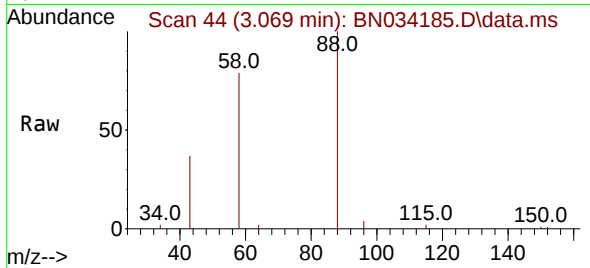




#2
 1,4-Dioxane
 Concen: 1.709 ng/ul
 RT: 3.069 min Scan# 44
 Delta R.T. -0.004 min
 Lab File: BN034185.D
 Acq: 24 Sep 2024 03:41

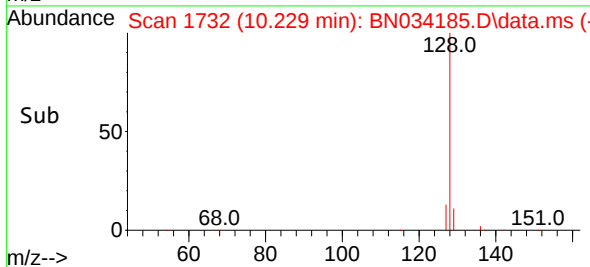
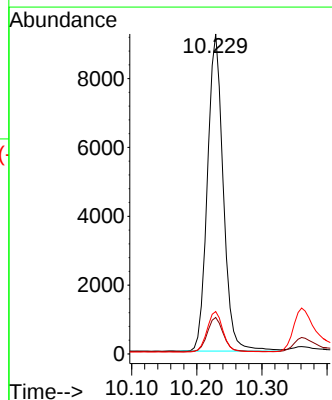
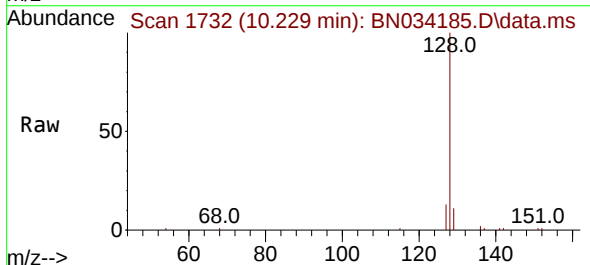
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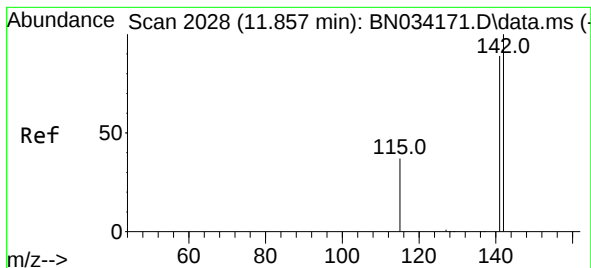
Tgt Ion: 88 Resp: 13370
 Ion Ratio Lower Upper
 88 100
 43 37.1 47.0 70.4#
 58 79.0 53.0 79.4



#5
 Naphthalene
 Concen: 0.301 ng/ul
 RT: 10.229 min Scan# 1732
 Delta R.T. 0.000 min
 Lab File: BN034185.D
 Acq: 24 Sep 2024 03:41

Tgt Ion:128 Resp: 15527
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.3 13.9
 127 13.3 10.8 16.2

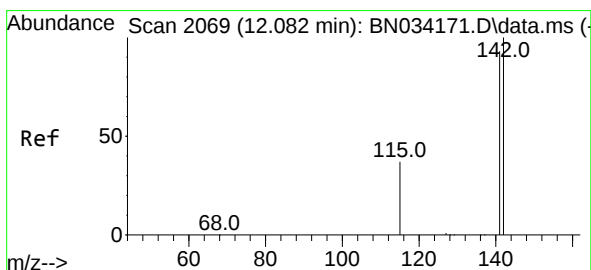
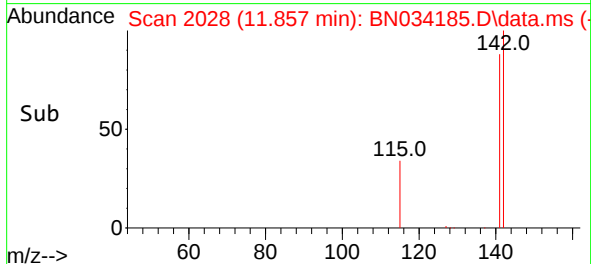
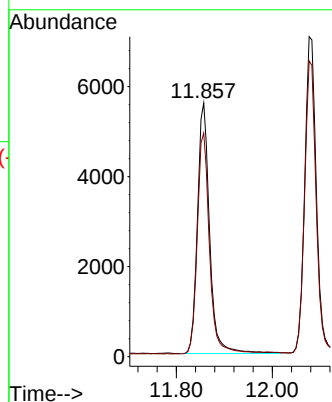
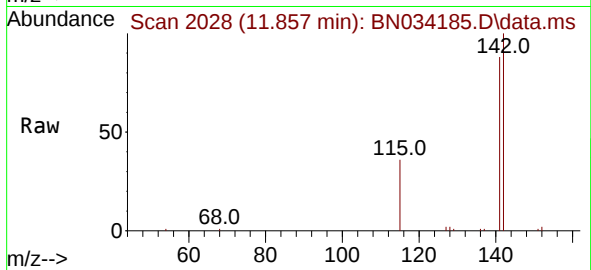




#7
2-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 11.857 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BN034185.D
Acq: 24 Sep 2024 03:41

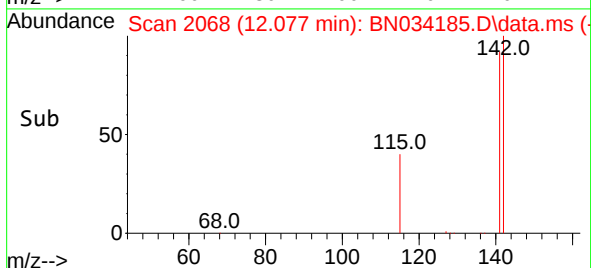
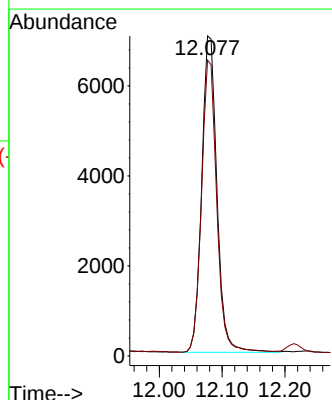
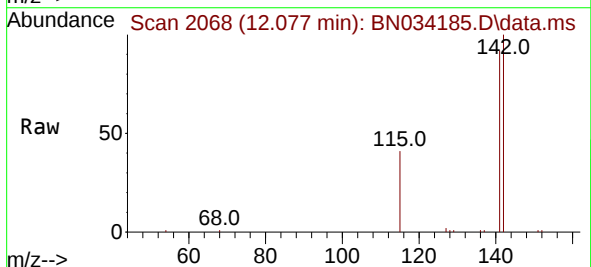
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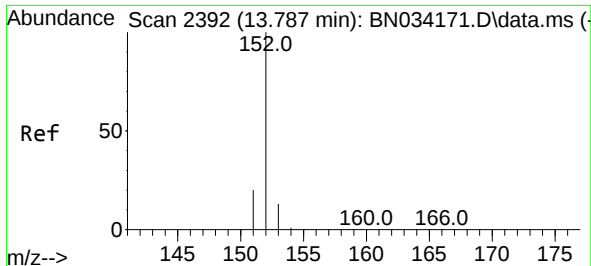
Tgt Ion:142 Resp: 9794
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.077 min Scan# 2068
Delta R.T. -0.005 min
Lab File: BN034185.D
Acq: 24 Sep 2024 03:41

Tgt Ion:142 Resp: 11807
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4

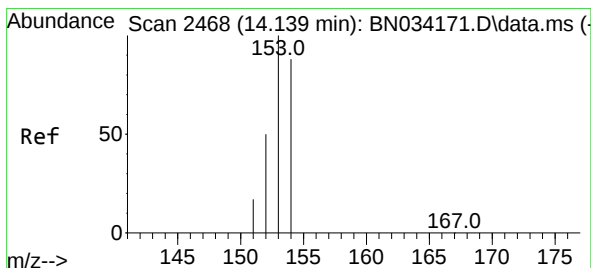
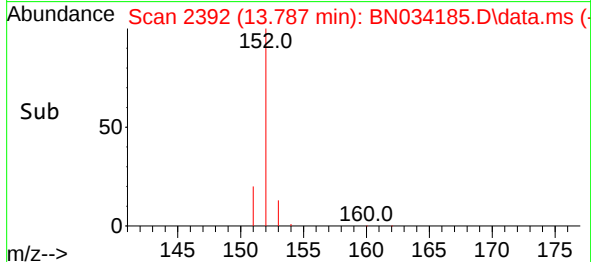
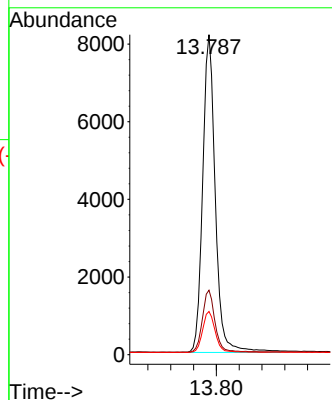
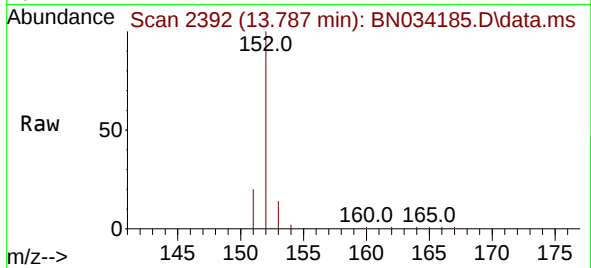




#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 13.787 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN034185.D
Acq: 24 Sep 2024 03:41

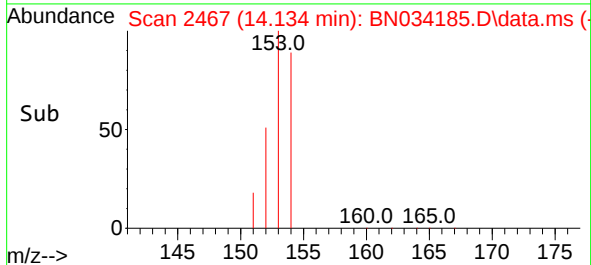
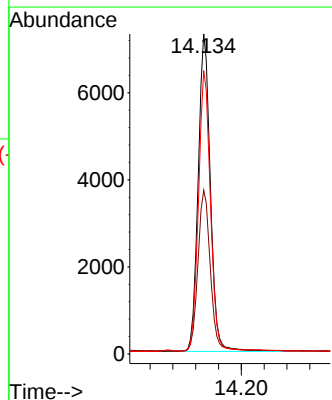
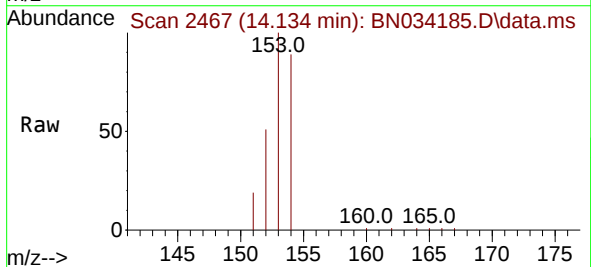
Instrument :
BNA_N
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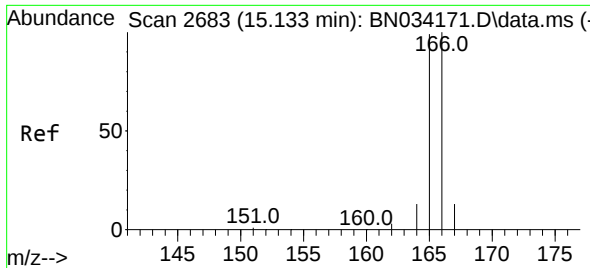
Tgt Ion:152	Resp:	12543
Ion Ratio	Lower	Upper
152	100	
151	20.1	16.2 24.4
153	13.5	10.8 16.2



#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.134 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BN034185.D
Acq: 24 Sep 2024 03:41

Tgt Ion:153	Resp:	10811
Ion Ratio	Lower	Upper
153	100	
152	51.2	39.8 59.8
154	88.5	69.0 103.6

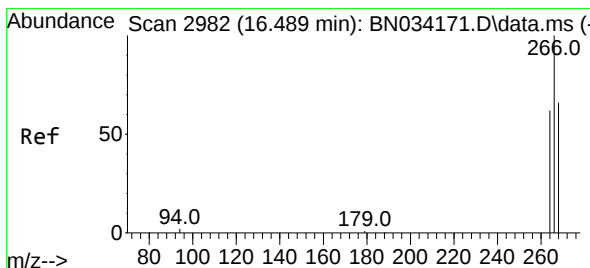
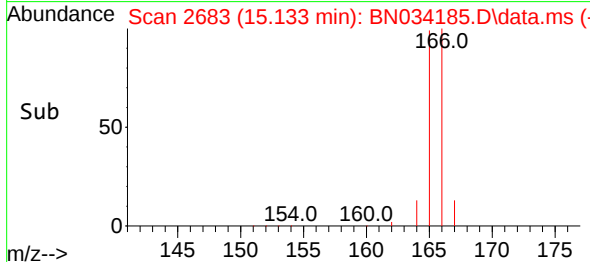
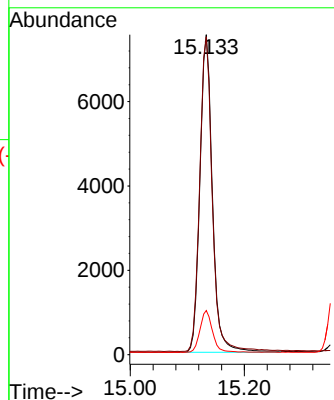
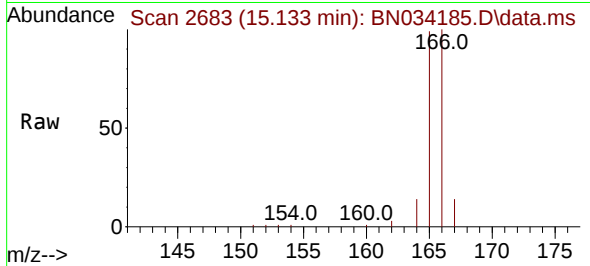




#12
 Fluorene
 Concen: 0.298 ng/ul
 RT: 15.133 min Scan# 2683
 Delta R.T. 0.000 min
 Lab File: BN034185.D
 Acq: 24 Sep 2024 03:41

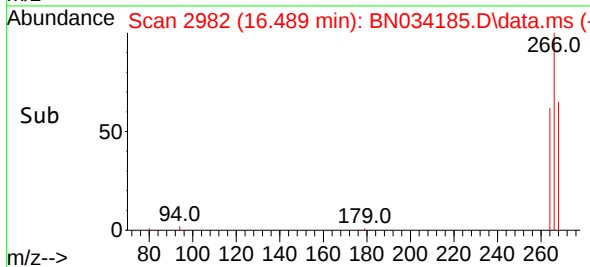
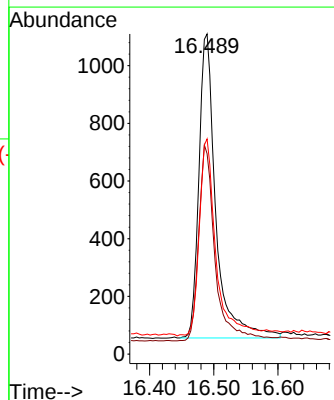
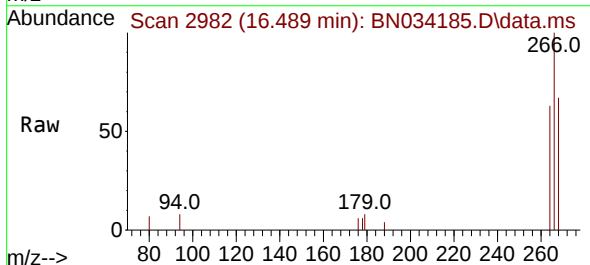
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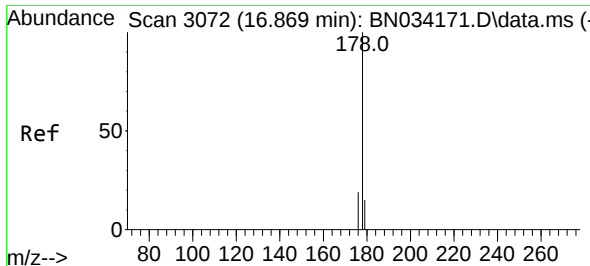
Tgt Ion:166 Resp: 11473
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.1 118.7
 167 13.8 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.317 ng/ul
 RT: 16.489 min Scan# 2982
 Delta R.T. 0.000 min
 Lab File: BN034185.D
 Acq: 24 Sep 2024 03:41

Tgt Ion:266 Resp: 1941
 Ion Ratio Lower Upper
 266 100
 264 63.4 50.3 75.5
 268 66.2 51.7 77.5

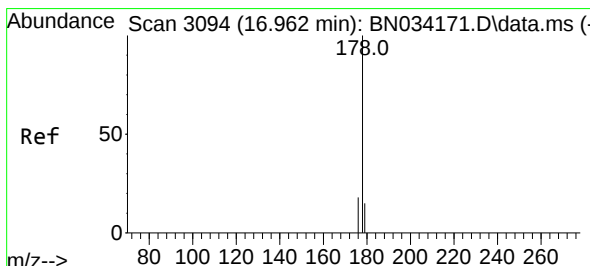
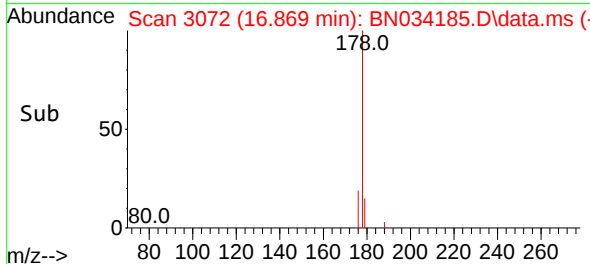
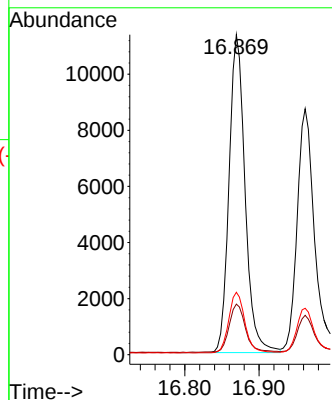
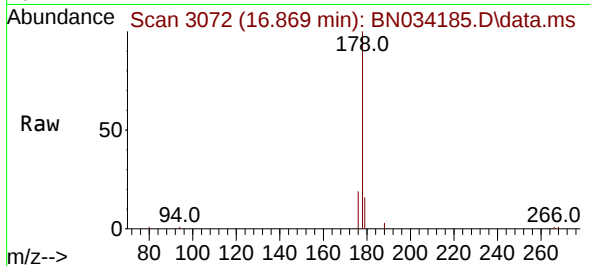




#15
Phenanthrene
Concen: 0.296 ng/ul
RT: 16.869 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BN034185.D
Acq: 24 Sep 2024 03:41

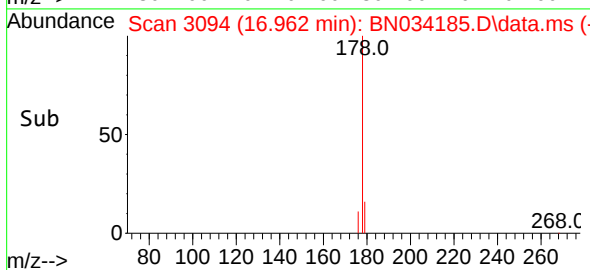
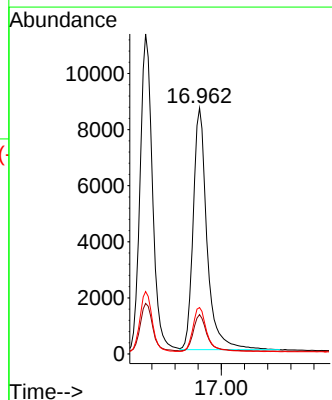
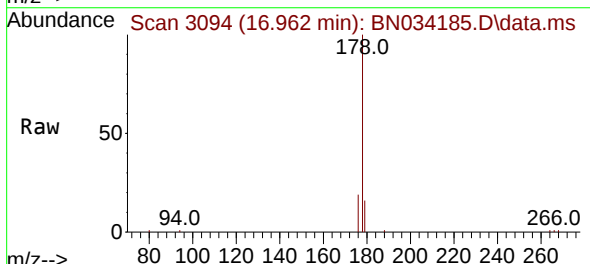
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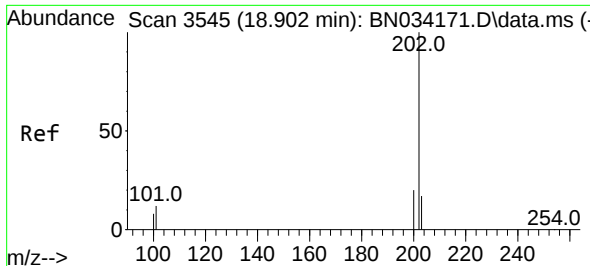
Tgt Ion:178 Resp: 16979
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.5 15.7 23.5



#16
Anthracene
Concen: 0.276 ng/ul
RT: 16.962 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BN034185.D
Acq: 24 Sep 2024 03:41

Tgt Ion:178 Resp: 14268
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 18.9 15.2 22.8

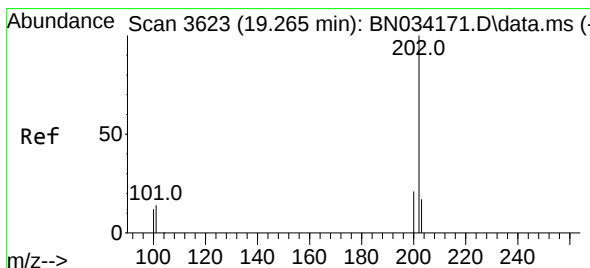
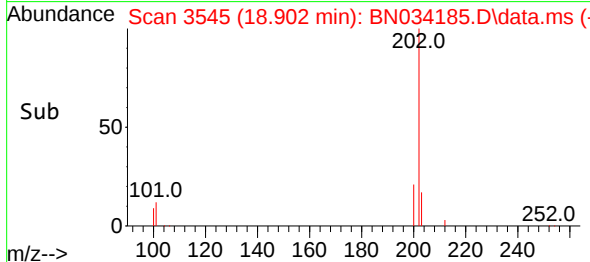
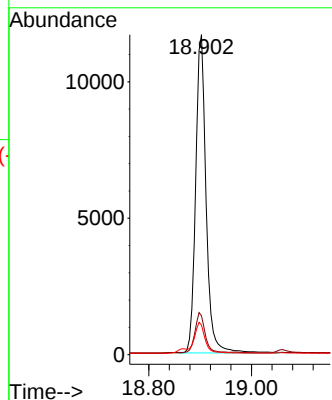
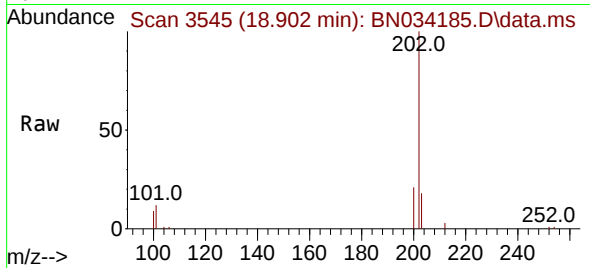




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 18.902 min Scan# 3545
Delta R.T. 0.000 min
Lab File: BN034185.D
Acq: 24 Sep 2024 03:41

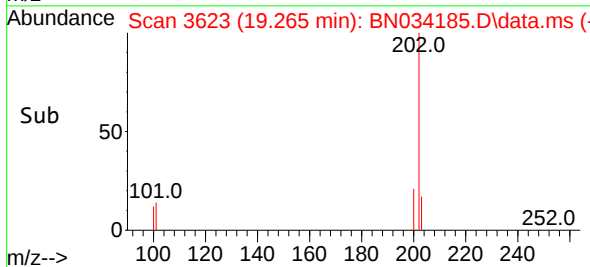
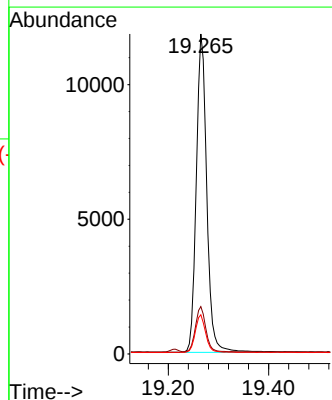
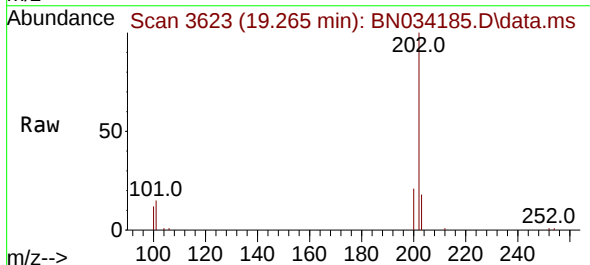
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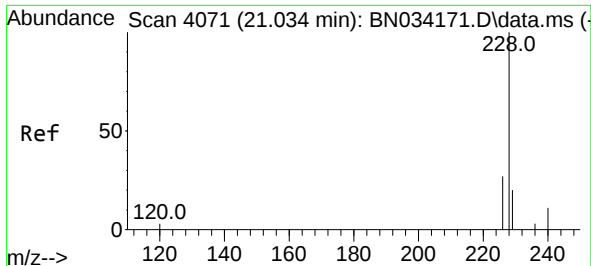
Tgt Ion:202 Resp: 16525
Ion Ratio Lower Upper
202 100
101 12.2 9.0 13.4
100 9.3 6.7 10.1



#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.265 min Scan# 3623
Delta R.T. 0.000 min
Lab File: BN034185.D
Acq: 24 Sep 2024 03:41

Tgt Ion:202 Resp: 17146
Ion Ratio Lower Upper
202 100
101 14.8 10.8 16.2
100 12.2 8.7 13.1

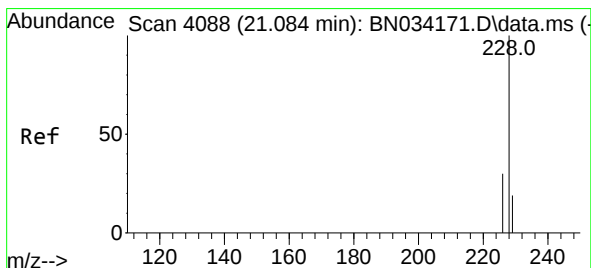
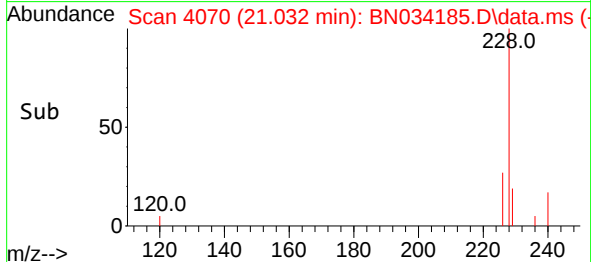
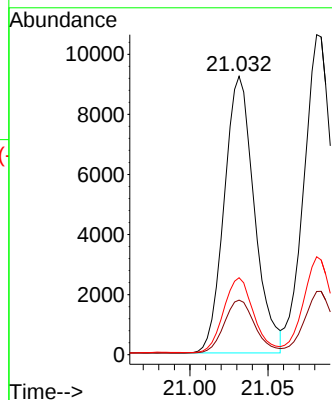
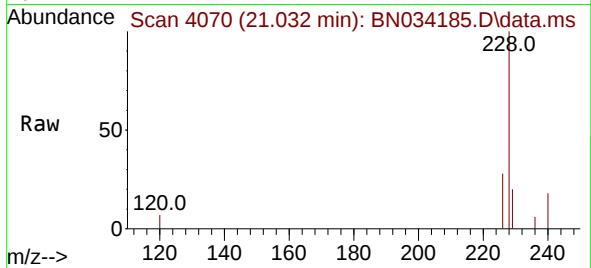




#21
Benzo(a)anthracene
Concen: 0.266 ng/ul
RT: 21.032 min Scan# 4071
Delta R.T. -0.003 min
Lab File: BN034185.D
Acq: 24 Sep 2024 03:41

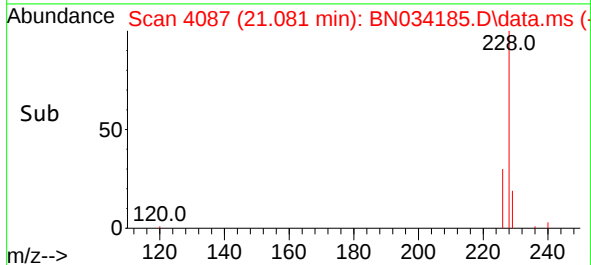
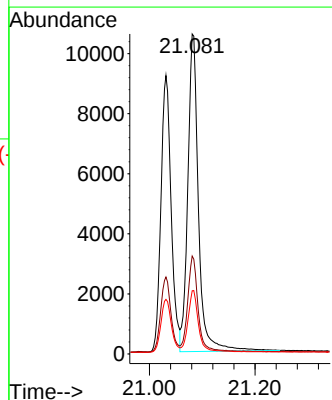
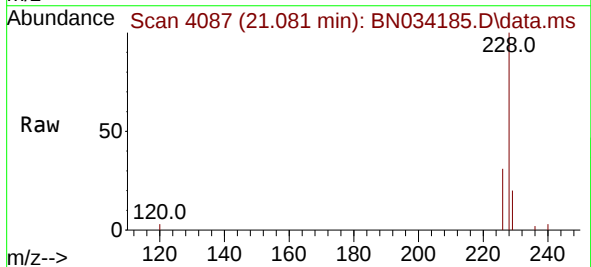
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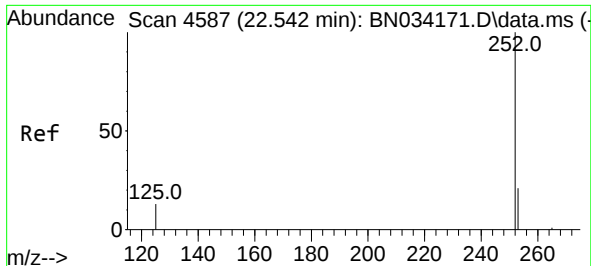
Tgt Ion:228 Resp: 12392
Ion Ratio Lower Upper
228 100
229 19.6 15.4 23.2
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.315 ng/ul
RT: 21.081 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BN034185.D
Acq: 24 Sep 2024 03:41

Tgt Ion:228 Resp: 14790
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 19.7 15.6 23.4

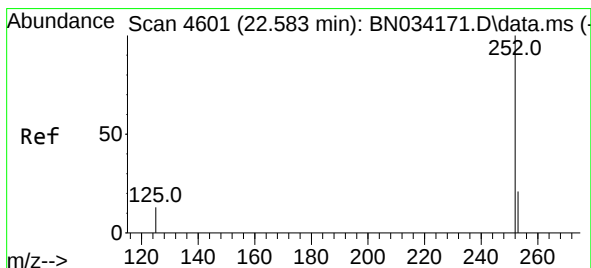
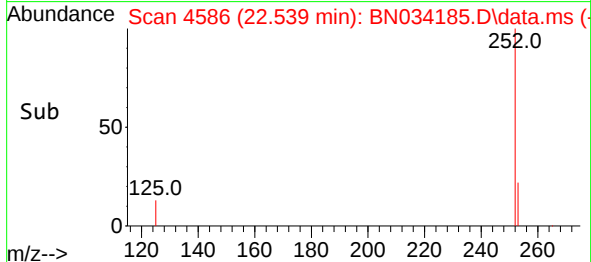
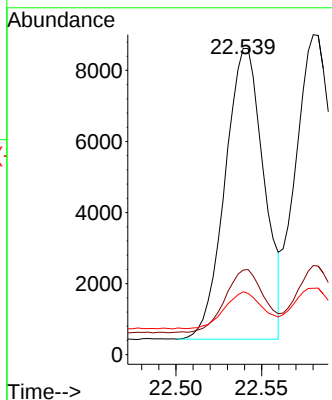
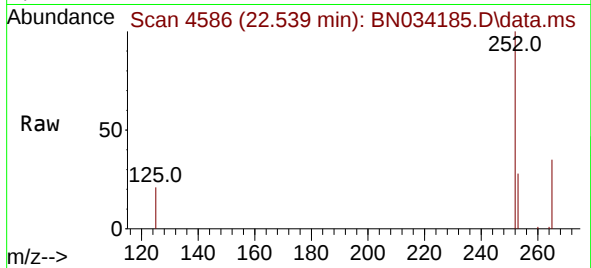




#24
Benzo(b)fluoranthene
Concen: 0.283 ng/ul
RT: 22.539 min Scan# 4586
Delta R.T. -0.003 min
Lab File: BN034185.D
Acq: 24 Sep 2024 03:41

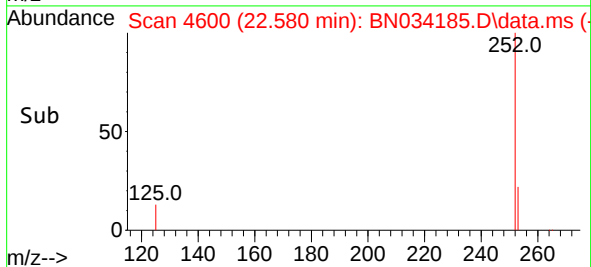
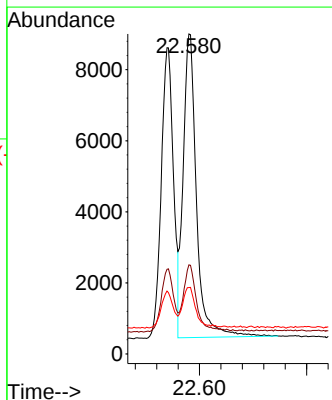
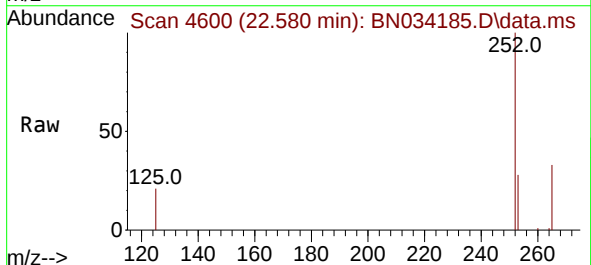
Instrument :
BNA_N
ClientSampleId :
SLCS503

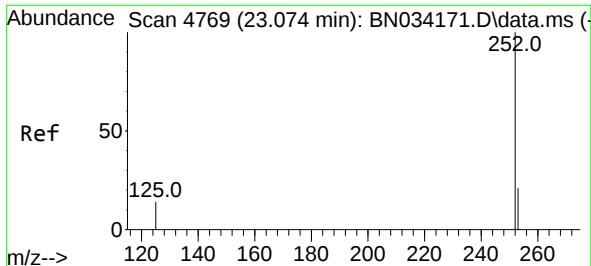
Tgt Ion:252 Resp: 12902
Ion Ratio Lower Upper
252 100
253 27.6 0.0 52.8
125 20.5 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.323 ng/ul
RT: 22.580 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BN034185.D
Acq: 24 Sep 2024 03:41

Tgt Ion:252 Resp: 14718
Ion Ratio Lower Upper
252 100
253 27.8 21.4 32.0
125 20.7 15.1 22.7

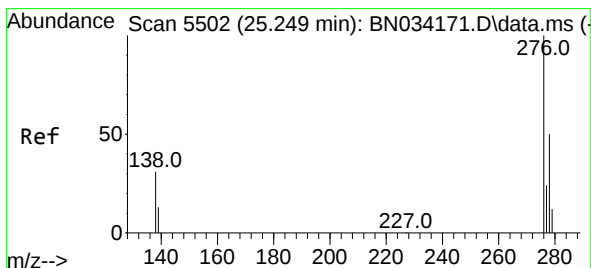
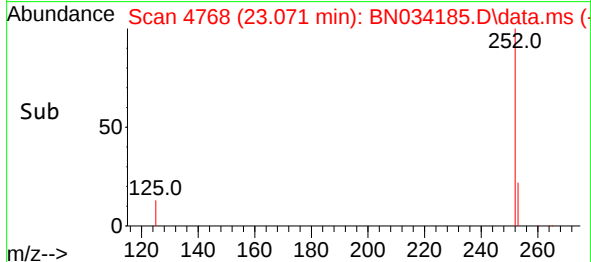
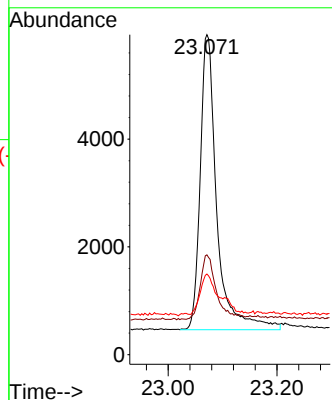
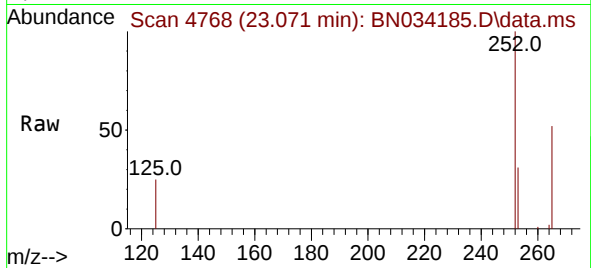




#26
Benzo(a)pyrene
Concen: 0.317 ng/ul
RT: 23.071 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BN034185.D
Acq: 24 Sep 2024 03:41

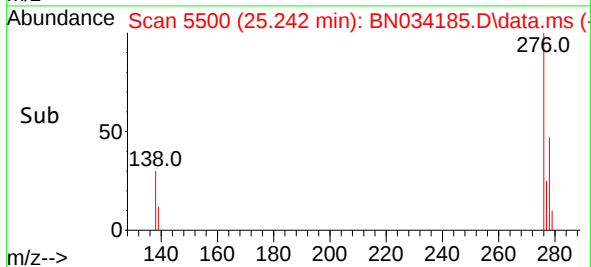
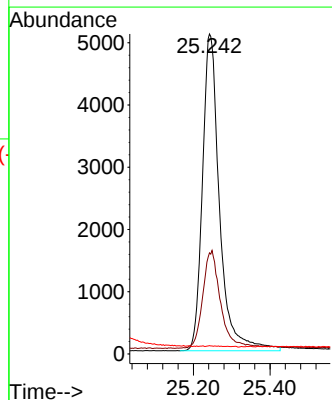
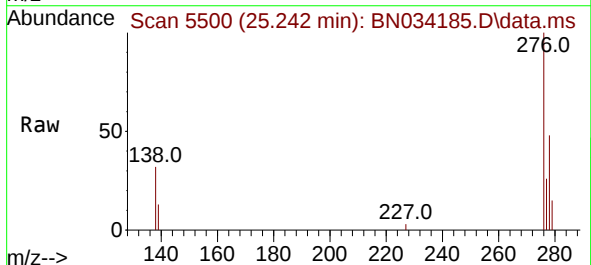
Instrument :
BNA_N
ClientSampleId :
SLCS503

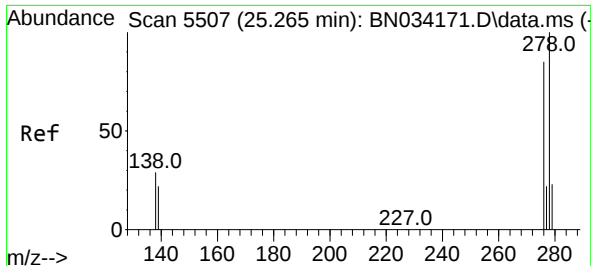
Tgt Ion:252 Resp: 11596
Ion Ratio Lower Upper
252 100
253 31.2 22.8 34.2
125 25.2 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng/ul
RT: 25.242 min Scan# 5500
Delta R.T. -0.007 min
Lab File: BN034185.D
Acq: 24 Sep 2024 03:41

Tgt Ion:276 Resp: 15814
Ion Ratio Lower Upper
276 100
138 32.9 22.3 33.5
227 0.2 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.284 ng/ul

RT: 25.255 min Scan# 51

Delta R.T. -0.010 min

Lab File: BN034185.D

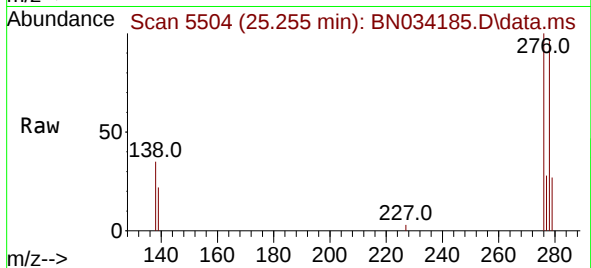
Acq: 24 Sep 2024 03:41

Instrument :

BNA_N

ClientSampleId :

SLCS503



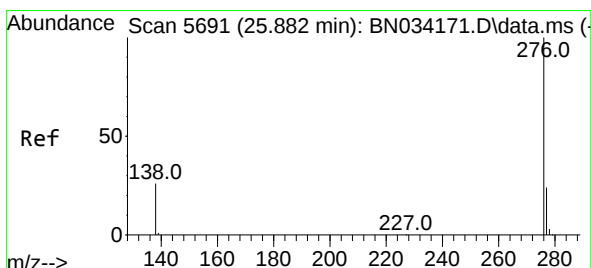
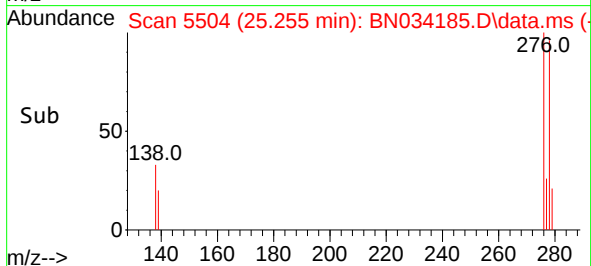
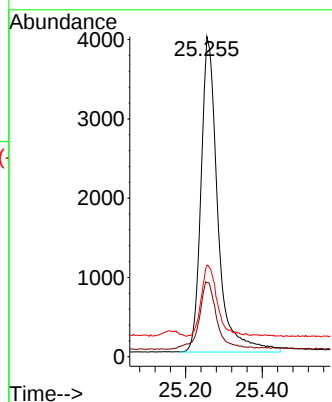
Tgt Ion:278 Resp: 12098

Ion Ratio Lower Upper

278 100

139 23.1 17.3 25.9

279 28.6 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 0.302 ng/ul

RT: 25.872 min Scan# 5688

Delta R.T. -0.010 min

Lab File: BN034185.D

Acq: 24 Sep 2024 03:41

Tgt Ion:276 Resp: 12952

Ion Ratio Lower Upper

276 100

138 29.0 20.8 31.2

277 24.8 20.2 30.4

