

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092424\
 Data File : BN034183.D
 Acq On : 24 Sep 2024 02:29
 Operator : RC/JU
 Sample : PB163473BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS473

Quant Time: Sep 24 03:15:12 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)

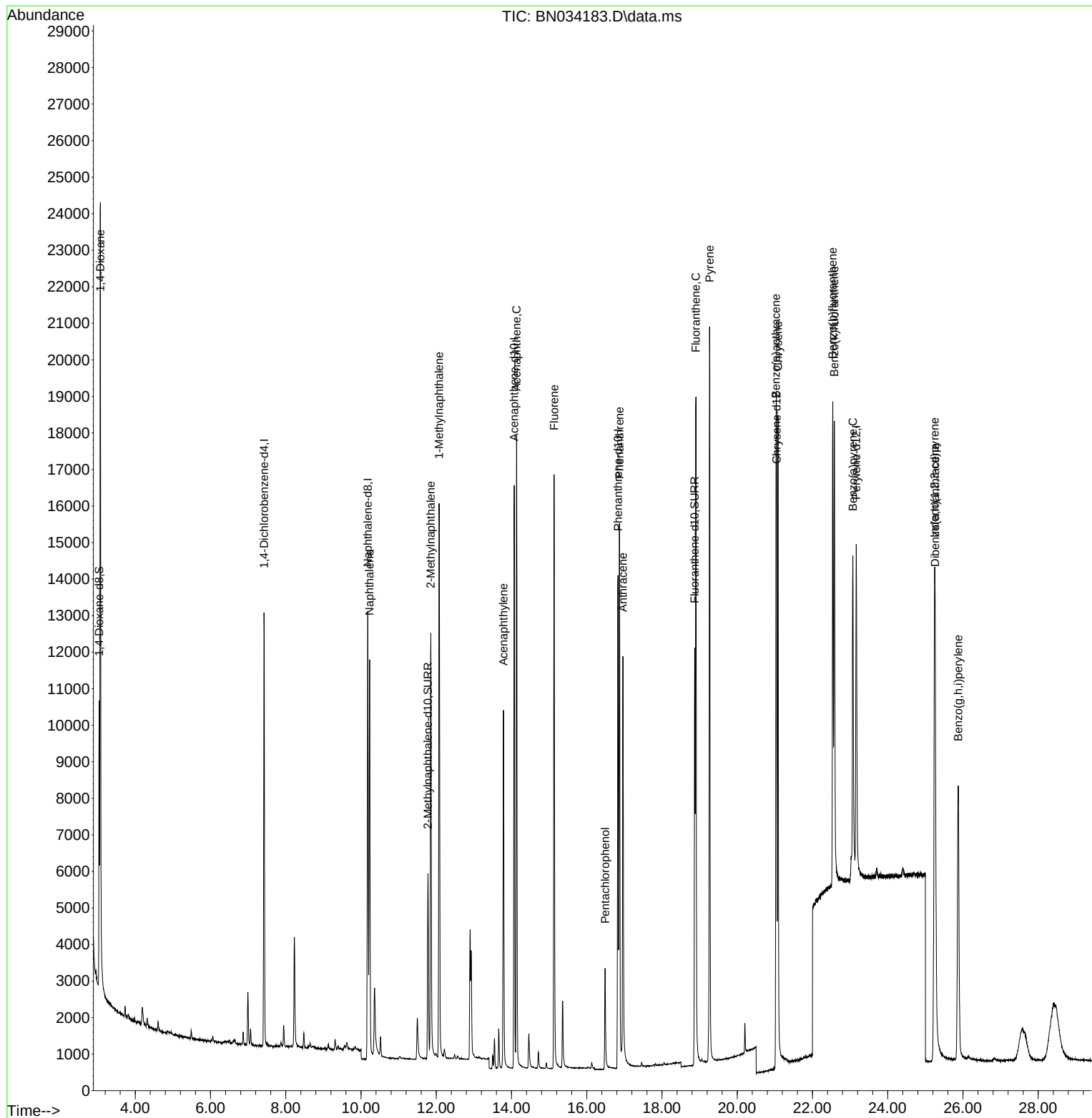
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5795	0.400	ng/ul	0.00
4) Naphthalene-d8	10.179	136	16258	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.074	164	8754	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.831	188	16380	0.400	ng/ul	0.00
17) Chrysene-d12	21.049	240	11642	0.400	ng/ul	0.00
23) Perylene-d12	23.165	264	11894	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.039	96	4241	0.712	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.780	152	7447	0.319	ng/ul	0.00
18) Fluoranthene-d10	18.870	212	12920	0.372	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.073	88	12450	1.883	ng/ul#	79
5) Naphthalene	10.229	128	14689	0.338	ng/ul	100
7) 2-Methylnaphthalene	11.857	142	9236	0.335	ng/ul	99
8) 1-Methylnaphthalene	12.077	142	11070	0.391	ng/ul	100
10) Acenaphthylene	13.787	152	11582	0.291	ng/ul	99
11) Acenaphthene	14.134	153	9927	0.346	ng/ul	99
12) Fluorene	15.133	166	10539	0.329	ng/ul	99
14) Pentachlorophenol	16.489	266	2112	0.410	ng/ul	99
15) Phenanthrene	16.869	178	16205	0.335	ng/ul	99
16) Anthracene	16.962	178	13454	0.310	ng/ul	100
19) Fluoranthene	18.902	202	16880	0.367	ng/ul	96
20) Pyrene	19.265	202	17634	0.362	ng/ul	96
21) Benzo(a)anthracene	21.031	228	13716	0.299	ng/ul	99
22) Chrysene	21.084	228	16364	0.353	ng/ul	100
24) Benzo(b)fluoranthene	22.539	252	15246	0.330	ng/ul	98
25) Benzo(k)fluoranthene	22.583	252	16336	0.354	ng/ul	98
26) Benzo(a)pyrene	23.074	252	13302	0.359	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.245	276	17857	0.321	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.262	278	13697	0.317	ng/ul	98
29) Benzo(g,h,i)perylene	25.876	276	14696	0.338	ng/ul	97

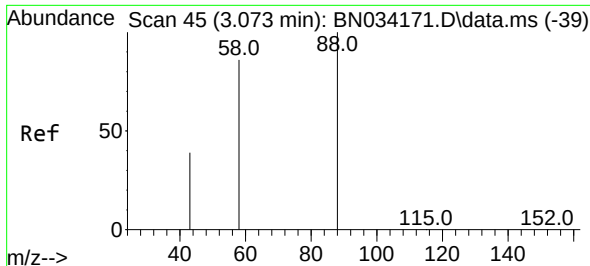
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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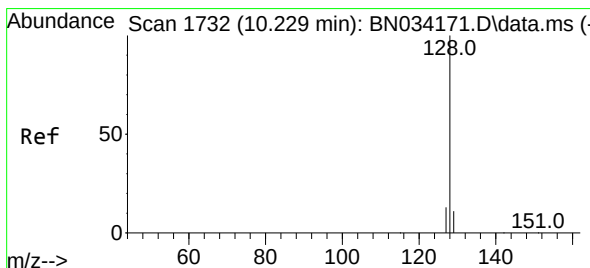
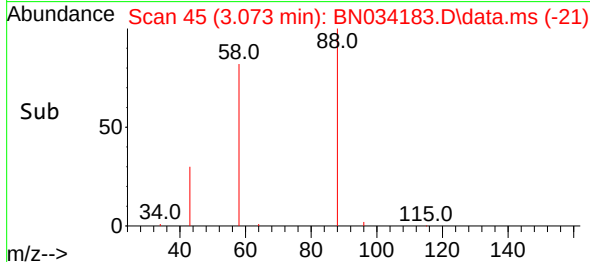
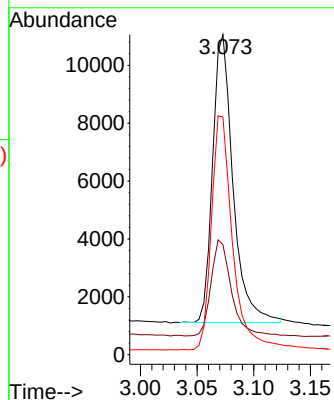
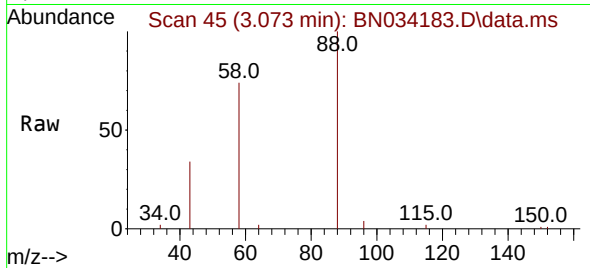




#2
 1,4-Dioxane
 Concen: 1.883 ng/ul
 RT: 3.073 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN034183.D
 Acq: 24 Sep 2024 02:29

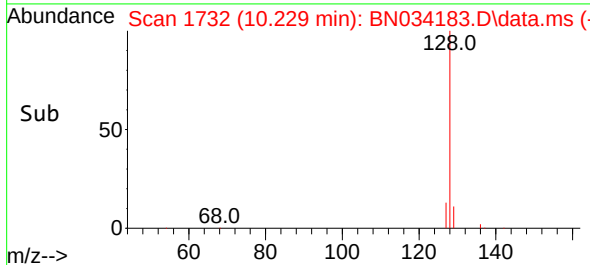
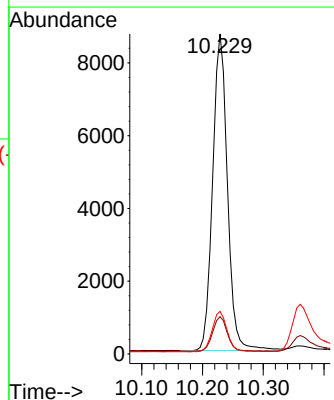
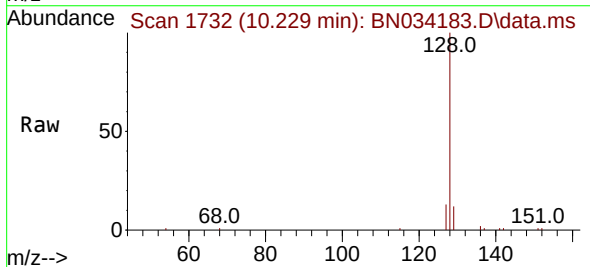
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 SLCS473

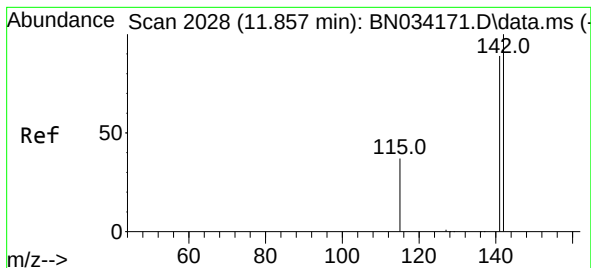
Tgt Ion: 88 Resp: 12450
 Ion Ratio Lower Upper
 88 100
 43 34.3 47.0 70.4#
 58 74.3 53.0 79.4



#5
 Naphthalene
 Concen: 0.338 ng/ul
 RT: 10.229 min Scan# 1732
 Delta R.T. -0.000 min
 Lab File: BN034183.D
 Acq: 24 Sep 2024 02:29

Tgt Ion:128 Resp: 14689
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.3 13.9
 127 13.3 10.8 16.2





#7

2-Methylnaphthalene

Concen: 0.335 ng/ul

RT: 11.857 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BN034183.D

Acq: 24 Sep 2024 02:29

Instrument :

BNA_N

ClientSampleId :

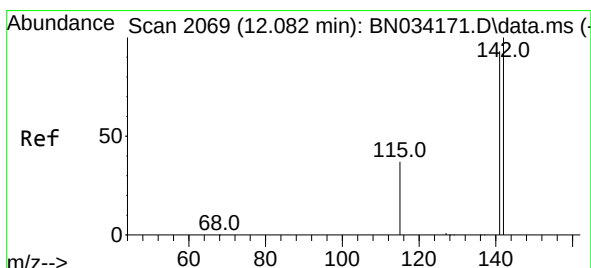
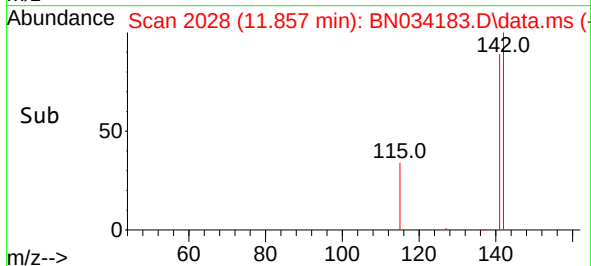
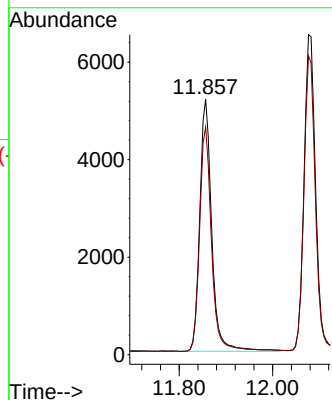
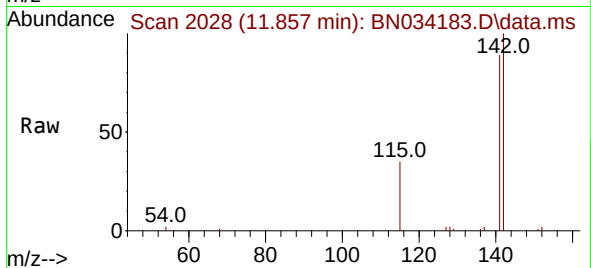
SLCS473

Tgt Ion:142 Resp: 9236

Ion Ratio Lower Upper

142 100

141 89.5 71.1 106.7



#8

1-Methylnaphthalene

Concen: 0.391 ng/ul

RT: 12.077 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BN034183.D

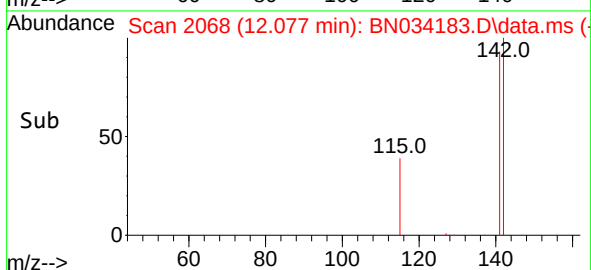
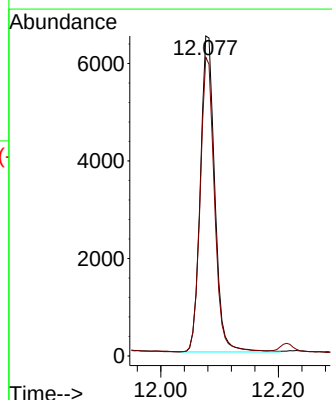
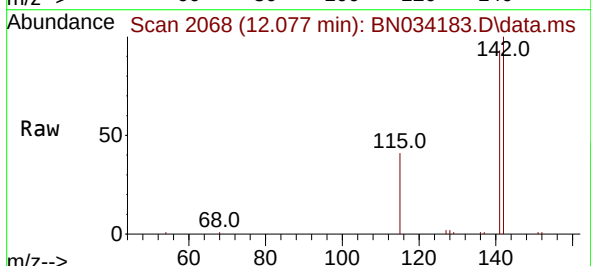
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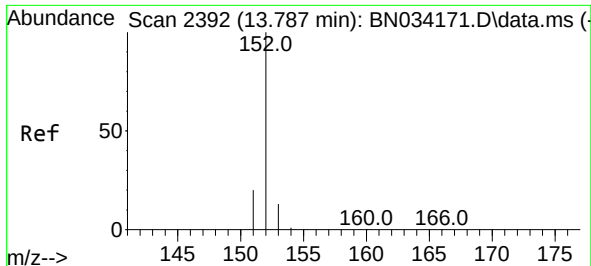
Tgt Ion:142 Resp: 11070

Ion Ratio Lower Upper

142 100

141 92.2 73.6 110.4

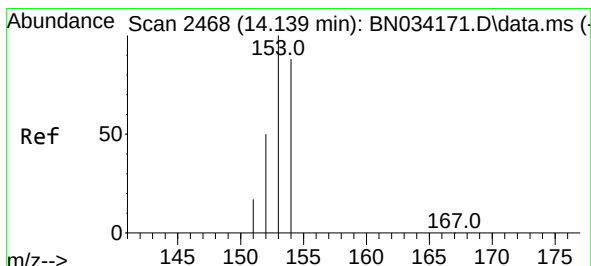
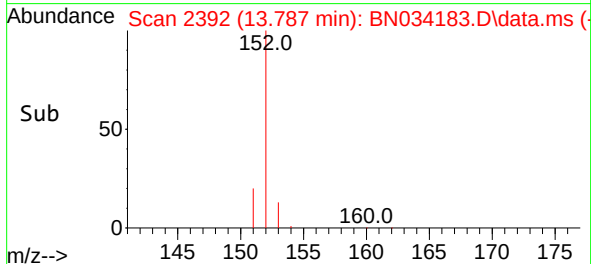
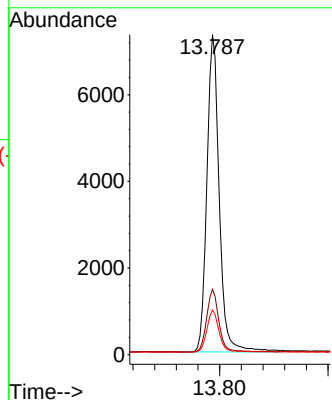
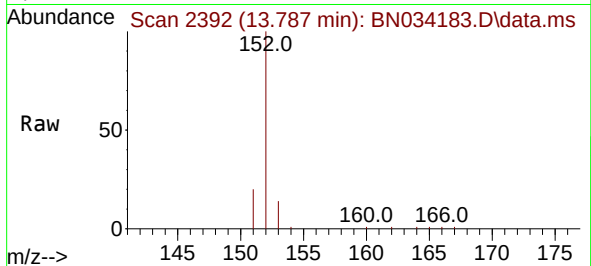




#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 13.787 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN034183.D
Acq: 24 Sep 2024 02:29

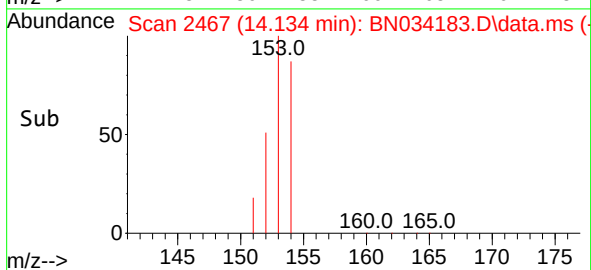
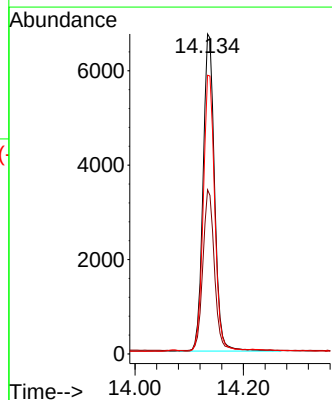
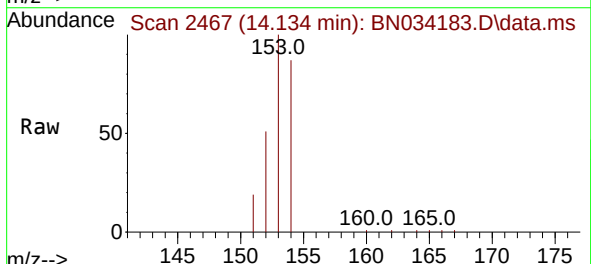
Instrument :
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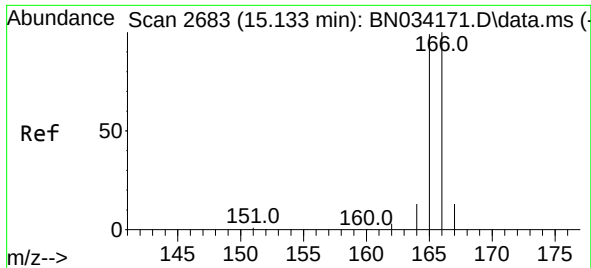
Tgt Ion:152 Resp: 11582
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.0 10.8 16.2



#11
Acenaphthene
Concen: 0.346 ng/ul
RT: 14.134 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BN034183.D
Acq: 24 Sep 2024 02:29

Tgt Ion:153 Resp: 9927
Ion Ratio Lower Upper
153 100
152 51.3 39.8 59.8
154 87.1 69.0 103.6

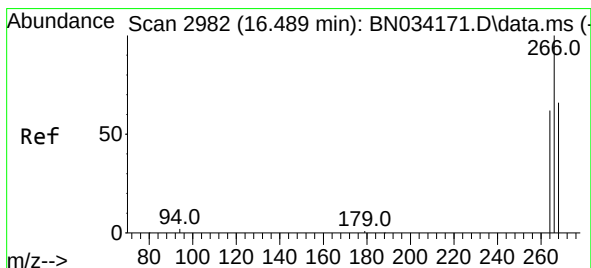
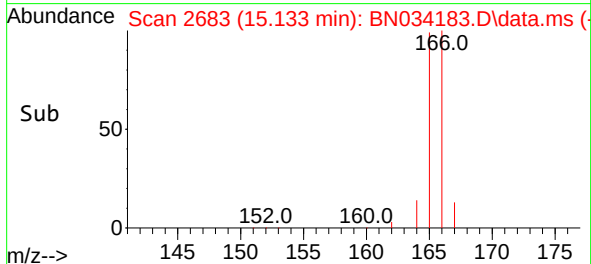
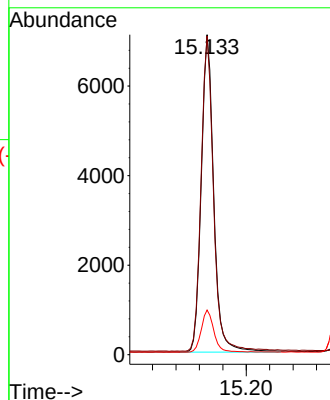
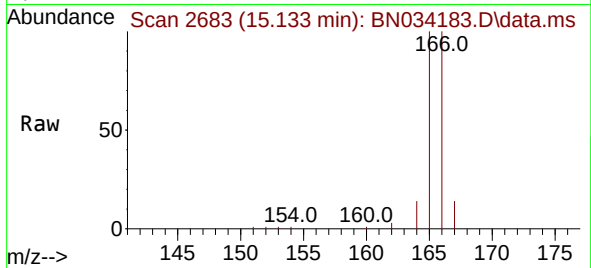




#12
Fluorene
Concen: 0.329 ng/ul
RT: 15.133 min Scan# 2683
Delta R.T. -0.000 min
Lab File: BN034183.D
Acq: 24 Sep 2024 02:29

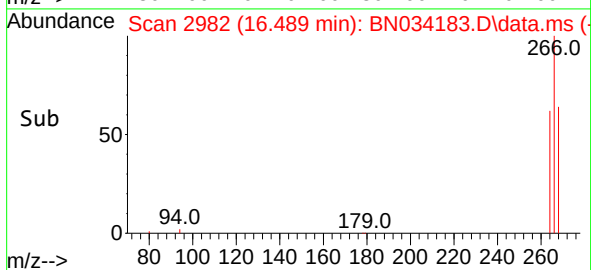
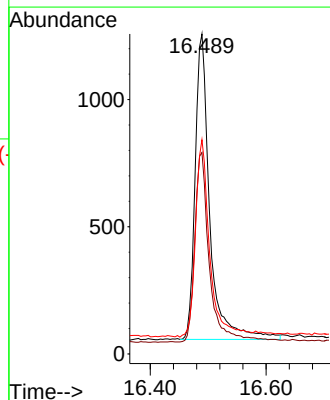
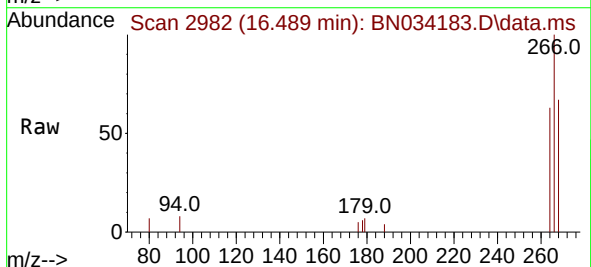
Instrument :
BNA_N
ClientSampleId :
SLCS473

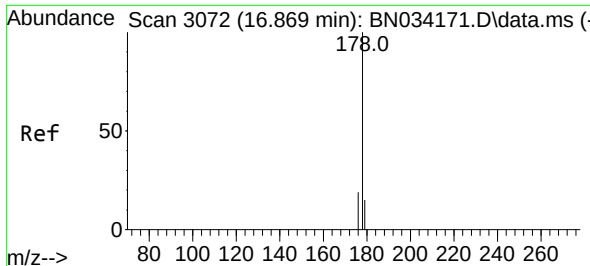
Tgt Ion:166 Resp: 10539
Ion Ratio Lower Upper
166 100
165 99.6 79.1 118.7
167 13.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.410 ng/ul
RT: 16.489 min Scan# 2982
Delta R.T. -0.000 min
Lab File: BN034183.D
Acq: 24 Sep 2024 02:29

Tgt Ion:266 Resp: 2112
Ion Ratio Lower Upper
266 100
264 62.0 50.3 75.5
268 65.0 51.7 77.5

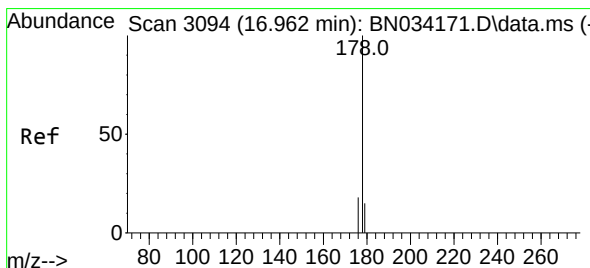
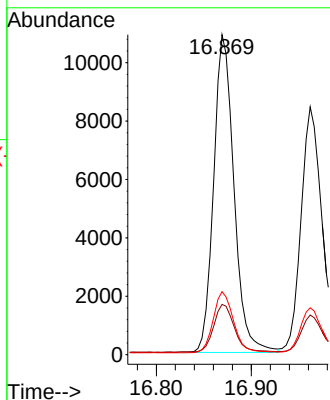
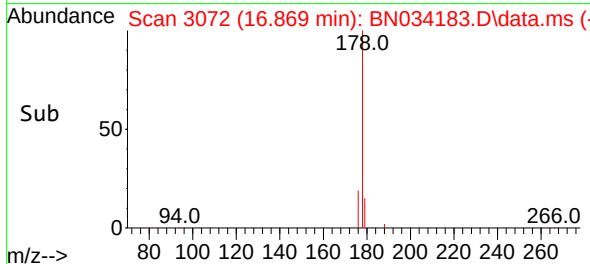
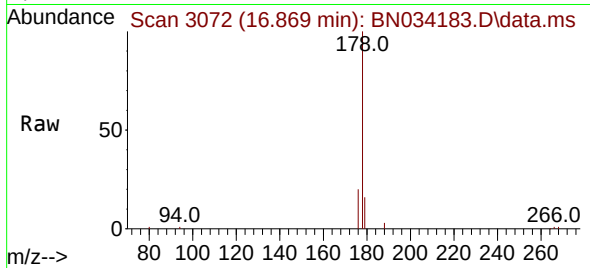




#15
Phenanthrene
Concen: 0.335 ng/ul
RT: 16.869 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BN034183.D
Acq: 24 Sep 2024 02:29

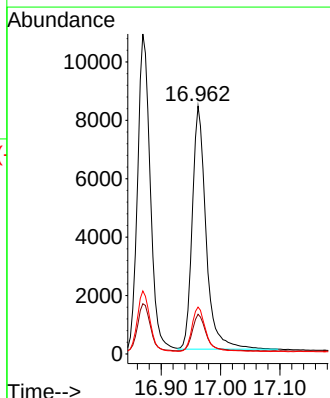
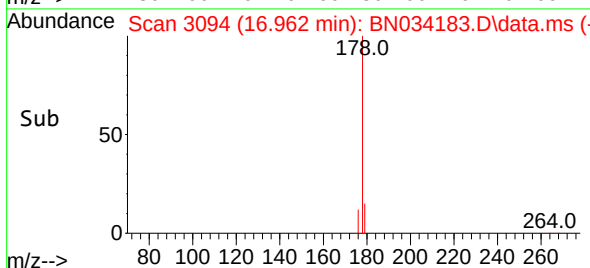
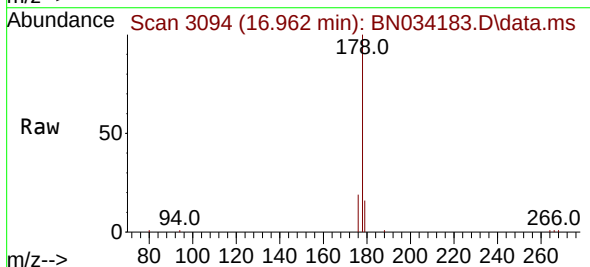
Instrument :
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ClientSampleId :
SLCS473

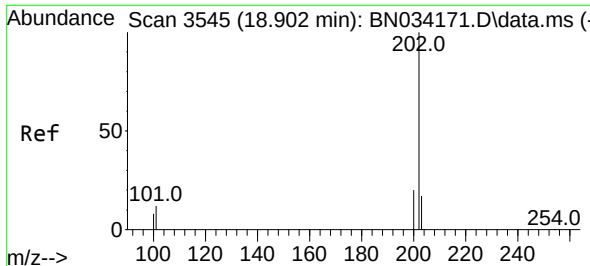
Tgt Ion:178 Resp: 16205
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.310 ng/ul
RT: 16.962 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BN034183.D
Acq: 24 Sep 2024 02:29

Tgt Ion:178 Resp: 13454
Ion Ratio Lower Upper
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179 16.0 13.0 19.4
176 18.9 15.2 22.8

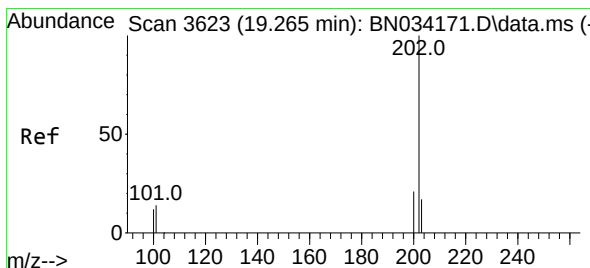
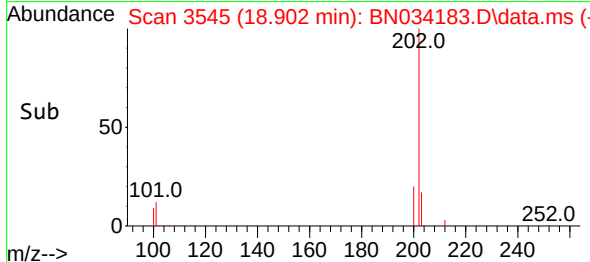
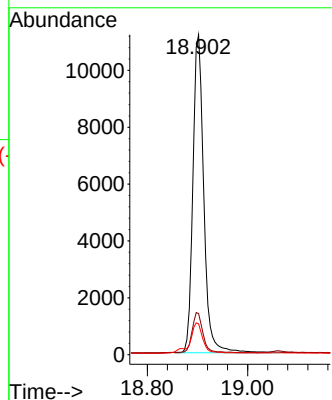
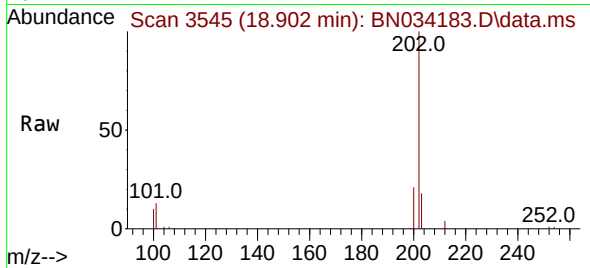




#19
Fluoranthene
Concen: 0.367 ng/ul
RT: 18.902 min Scan# 3545
Delta R.T. -0.000 min
Lab File: BN034183.D
Acq: 24 Sep 2024 02:29

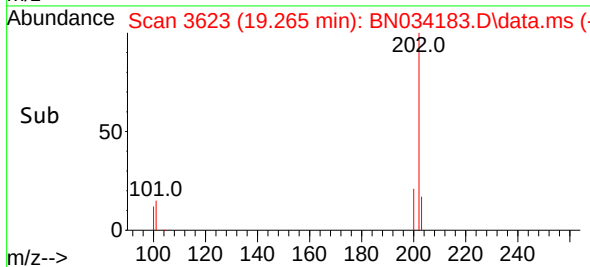
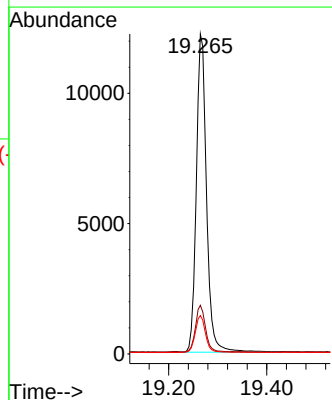
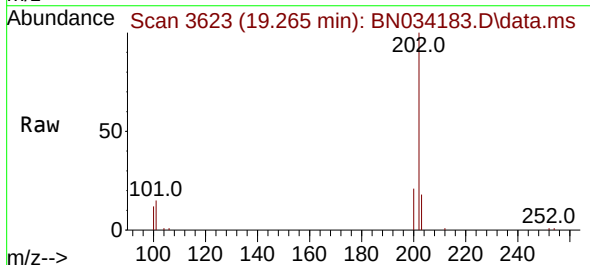
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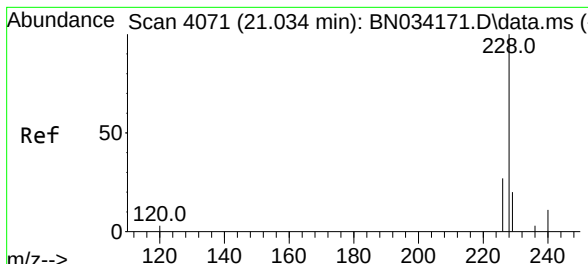
Tgt Ion:202 Resp: 16880
Ion Ratio Lower Upper
202 100
101 12.9 9.0 13.4
100 9.6 6.7 10.1



#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.265 min Scan# 3623
Delta R.T. -0.000 min
Lab File: BN034183.D
Acq: 24 Sep 2024 02:29

Tgt Ion:202 Resp: 17634
Ion Ratio Lower Upper
202 100
101 15.2 10.8 16.2
100 12.0 8.7 13.1



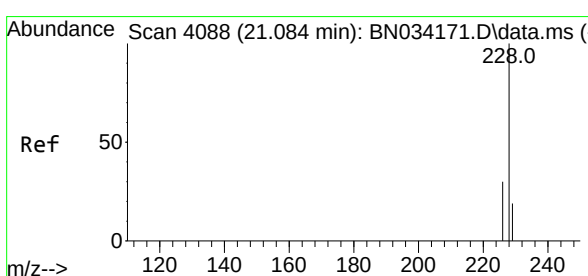
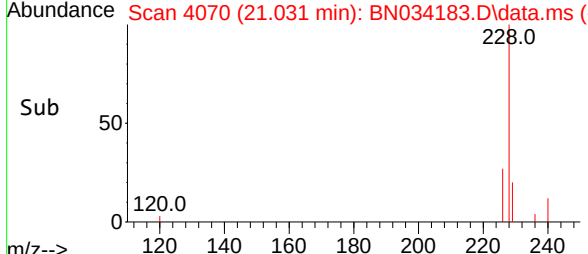
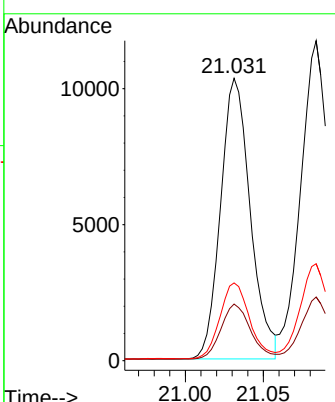
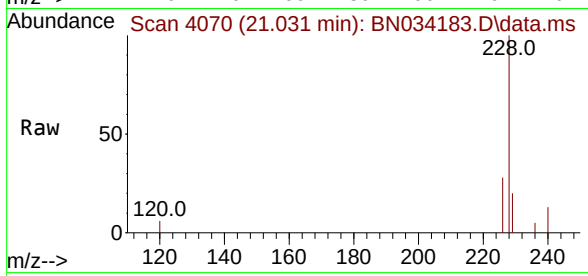


#21
 Benzo(a)anthracene
 Concen: 0.299 ng/ul
 RT: 21.031 min Scan# 4070
 Delta R.T. -0.003 min
 Lab File: BN034183.D
 Acq: 24 Sep 2024 02:29

Instrument :
 BNA_N
 ClientSampleId :
 SLCS473

Tgt Ion:228 Resp: 13716

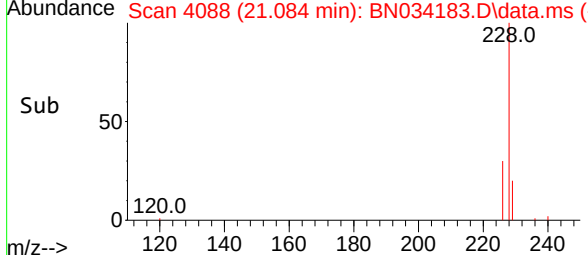
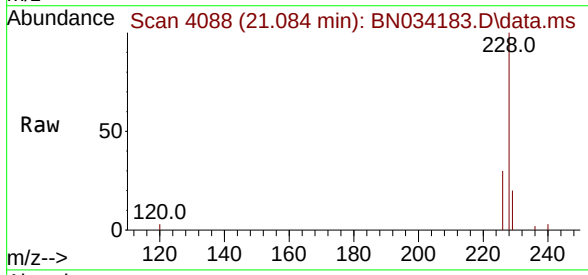
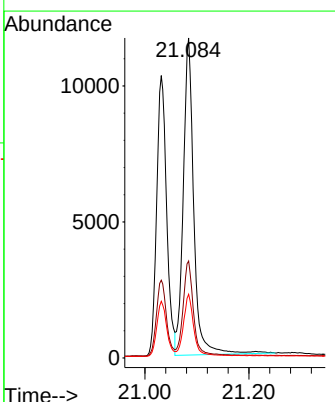
Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.2
226	27.5	22.1	33.1

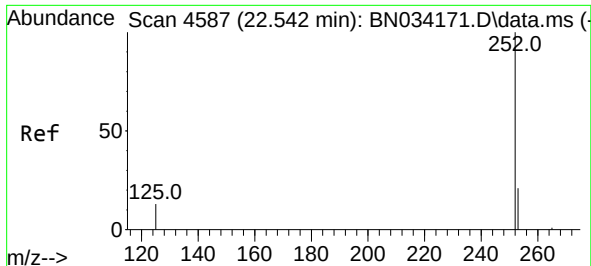


#22
 Chrysene
 Concen: 0.353 ng/ul
 RT: 21.084 min Scan# 4088
 Delta R.T. -0.000 min
 Lab File: BN034183.D
 Acq: 24 Sep 2024 02:29

Tgt Ion:228 Resp: 16364

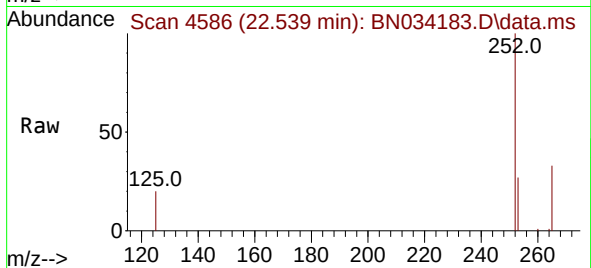
Ion	Ratio	Lower	Upper
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226	30.3	24.2	36.2
229	19.9	15.6	23.4



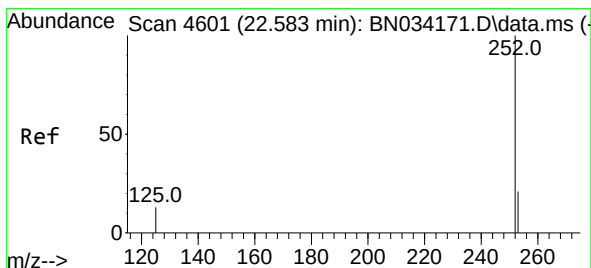
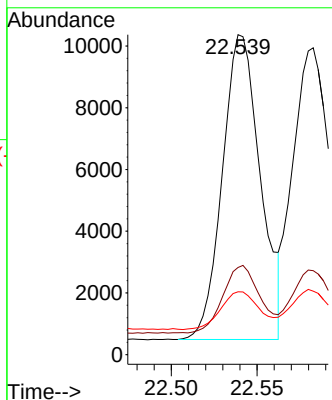
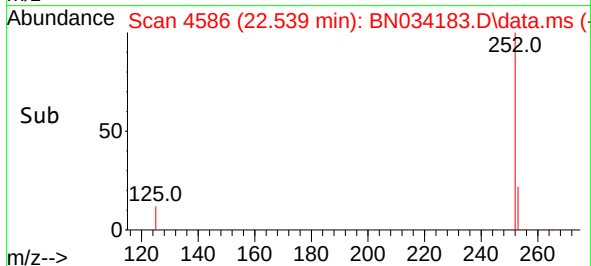


#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul
RT: 22.539 min Scan# 4586
Delta R.T. -0.003 min
Lab File: BN034183.D
Acq: 24 Sep 2024 02:29

Instrument :
BNA_N
ClientSampleId :
SLCS473

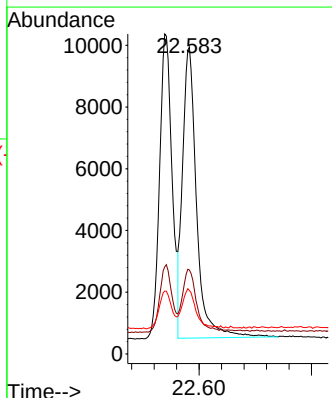
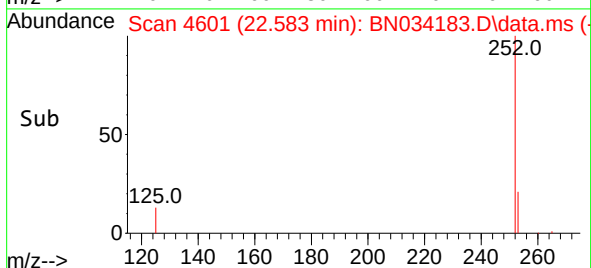
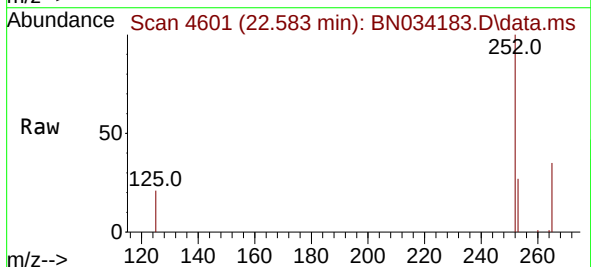


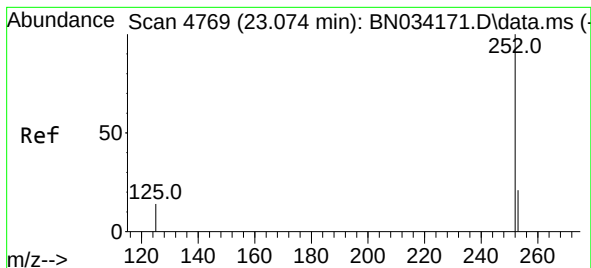
Tgt Ion:252 Resp: 15246
Ion Ratio Lower Upper
252 100
253 27.3 0.0 52.8
125 19.6 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 22.583 min Scan# 4601
Delta R.T. -0.000 min
Lab File: BN034183.D
Acq: 24 Sep 2024 02:29

Tgt Ion:252 Resp: 16336
Ion Ratio Lower Upper
252 100
253 27.3 21.4 32.0
125 20.7 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.359 ng/ul

RT: 23.074 min Scan# 4769

Delta R.T. -0.000 min

Lab File: BN034183.D

Acq: 24 Sep 2024 02:29

Instrument :

BNA_N

ClientSampleId :

SLCS473

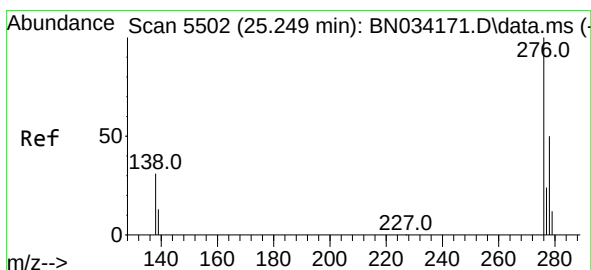
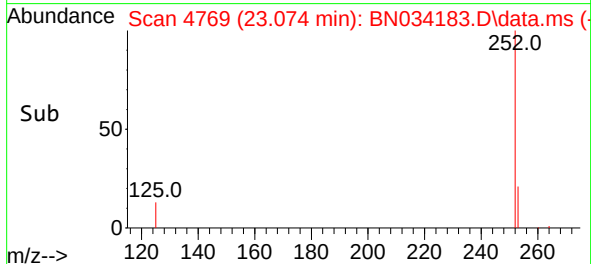
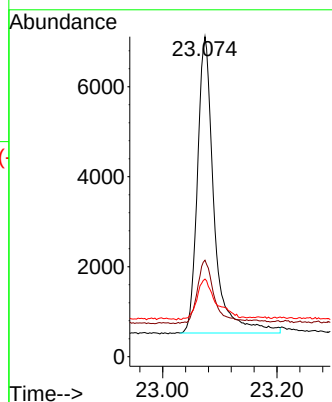
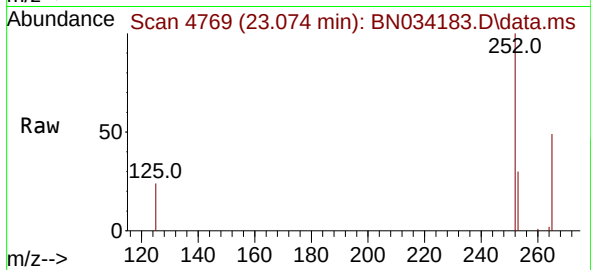
Tgt Ion:252 Resp: 13302

Ion Ratio Lower Upper

252 100

253 30.1 22.8 34.2

125 24.2 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.321 ng/ul

RT: 25.245 min Scan# 5501

Delta R.T. -0.004 min

Lab File: BN034183.D

Acq: 24 Sep 2024 02:29

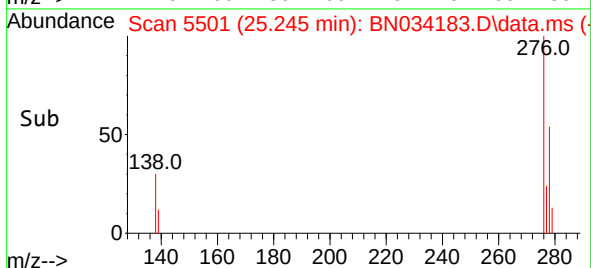
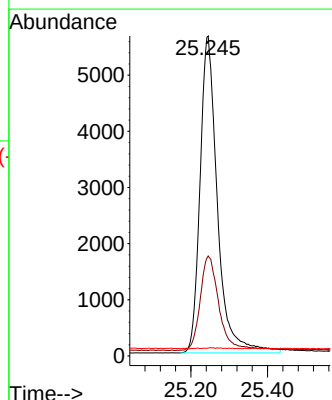
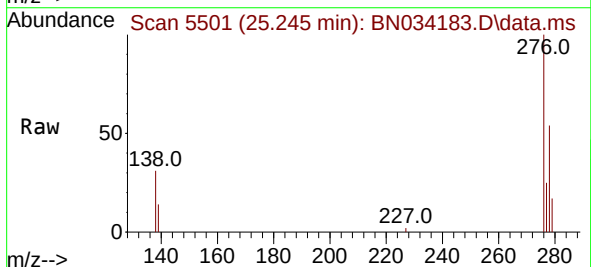
Tgt Ion:276 Resp: 17857

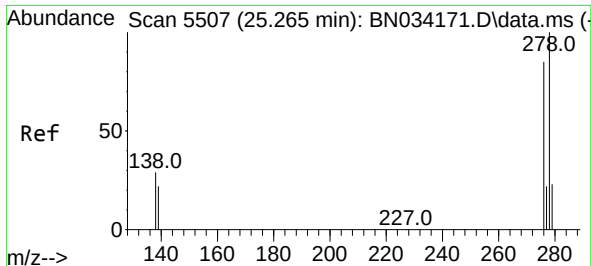
Ion Ratio Lower Upper

276 100

138 32.4 22.3 33.5

227 0.1 0.2 0.4

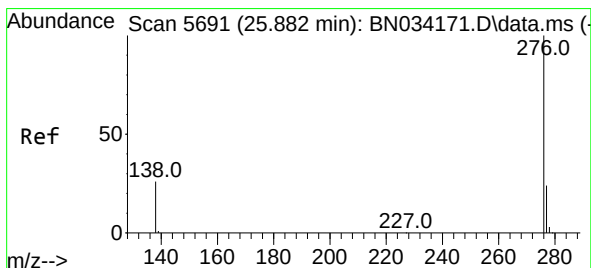
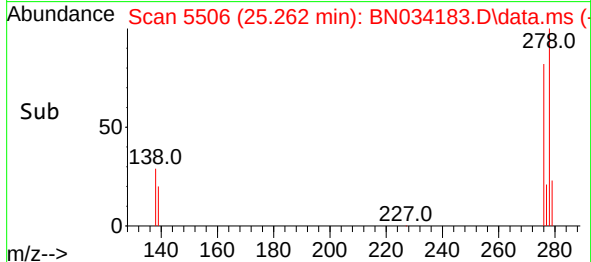
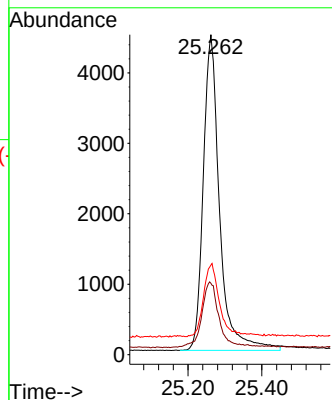
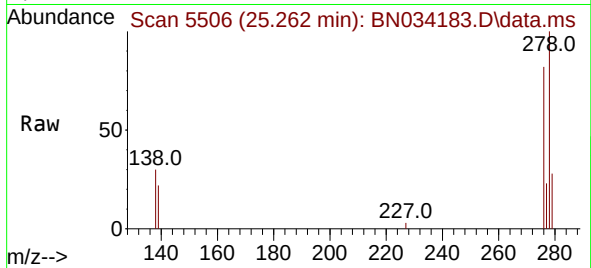




#28
Dibenzo(a,h)anthracene
Concen: 0.317 ng/ul
RT: 25.262 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN034183.D
Acq: 24 Sep 2024 02:29

Instrument :
BNA_N
ClientSampleId :
SLCS473

Tgt Ion:278 Resp: 13697
Ion Ratio Lower Upper
278 100
139 22.3 17.3 25.9
279 28.0 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.338 ng/ul
RT: 25.876 min Scan# 5689
Delta R.T. -0.007 min
Lab File: BN034183.D
Acq: 24 Sep 2024 02:29

Tgt Ion:276 Resp: 14696
Ion Ratio Lower Upper
276 100
138 28.9 20.8 31.2
277 24.8 20.2 30.4

