

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011725\
 Data File : BN035986.D
 Acq On : 18 Jan 2025 12:39
 Operator : RC/JU
 Sample : PB166119BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS119

Quant Time: Jan 19 23:54:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN123124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 10:40:45 2025
 Response via : Initial Calibration

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

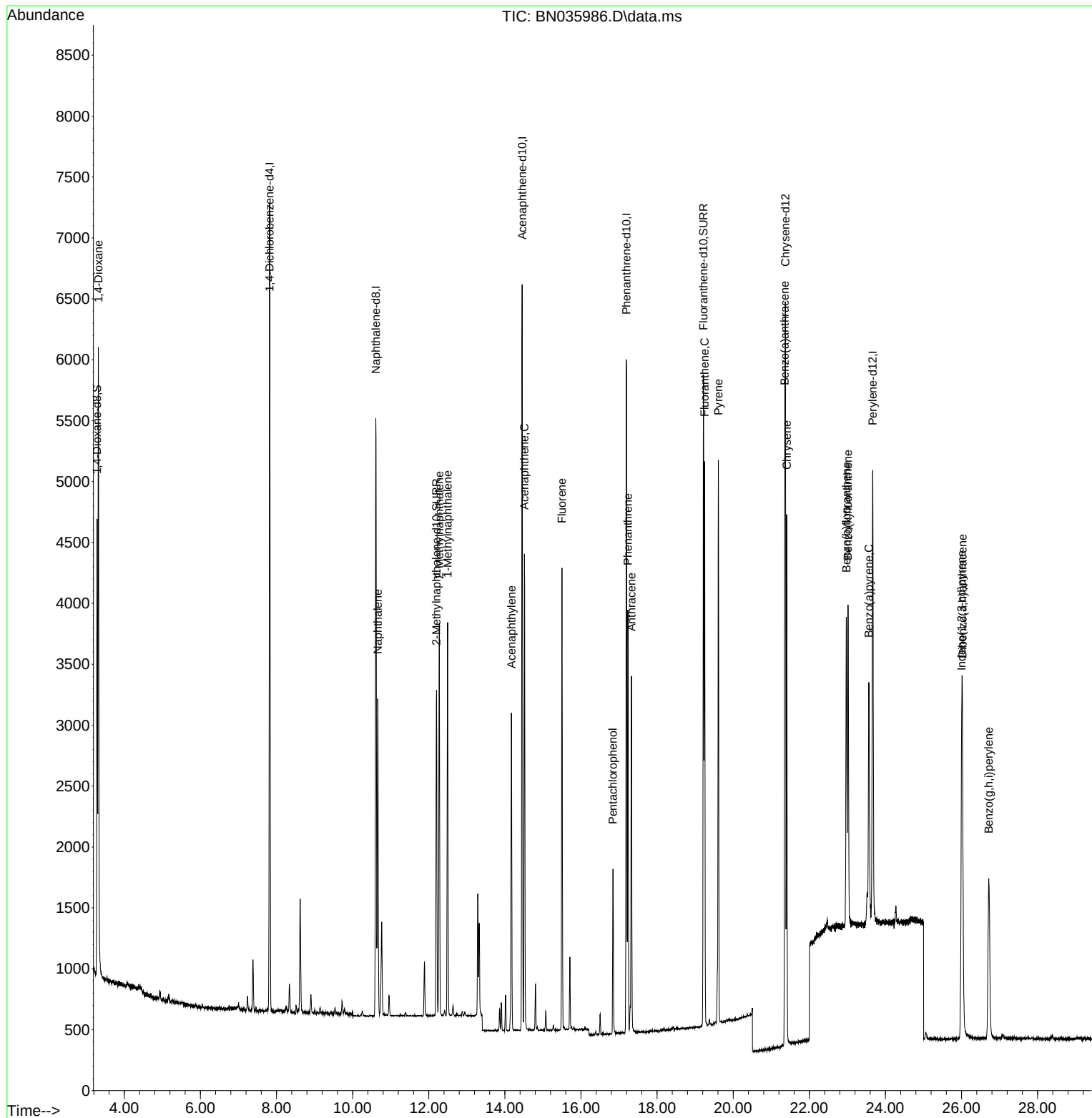
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	3201	0.400	ng/ul	0.00
4) Naphthalene-d8	10.609	136	6442	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.454	164	3248	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	6358	0.400	ng/ul	-0.01
17) Chrysene-d12	21.371	240	4923	0.400	ng/ul	0.00
23) Perylene-d12	23.666	264	5050	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	2324	0.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.204	152	3273	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.219	212	5800	0.445	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.318	88	3112	0.885	ng/ul#	83
5) Naphthalene	10.659	128	3394	0.198	ng/ul	99
7) 2-Methylnaphthalene	12.276	142	2064	0.190	ng/ul	99
8) 1-Methylnaphthalene	12.496	142	2067	0.188	ng/ul	100
10) Acenaphthylene	14.172	152	2857	0.188	ng/ul	99
11) Acenaphthene	14.514	153	2137	0.201	ng/ul	96
12) Fluorene	15.500	166	2267	0.199	ng/ul	98
14) Pentachlorophenol	16.841	266	824	0.541	ng/ul	96
15) Phenanthrene	17.233	178	3513	0.200	ng/ul	99
16) Anthracene	17.326	178	3174	0.187	ng/ul	99
19) Fluoranthene	19.247	202	3828	0.223	ng/ul	100
20) Pyrene	19.610	202	3881	0.217	ng/ul	99
21) Benzo(a)anthracene	21.357	228	3354	0.199	ng/ul	99
22) Chrysene	21.406	228	3489	0.209	ng/ul	99
24) Benzo(b)fluoranthene	22.973	252	3306	0.217	ng/ul	90
25) Benzo(k)fluoranthene	23.017	252	3370	0.216	ng/ul	93
26) Benzo(a)pyrene	23.563	252	2923	0.205	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.004	276	3845	0.208	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.024	278	3023	0.207	ng/ul	94
29) Benzo(g,h,i)perylene	26.715	276	2984	0.203	ng/ul	98

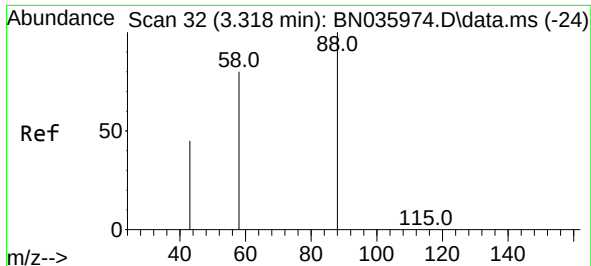
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 19 23:54:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN123124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 10:40:45 2025
Response via : Initial Calibration

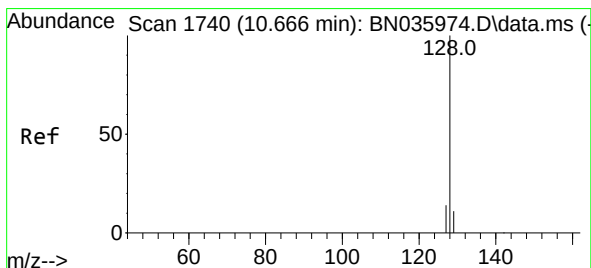
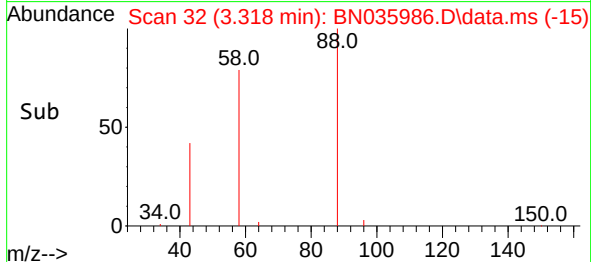
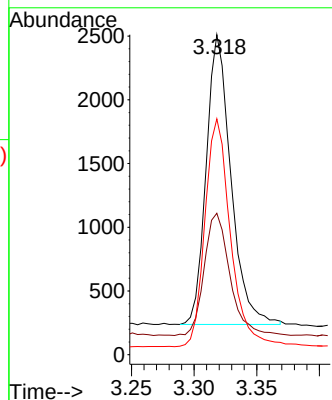
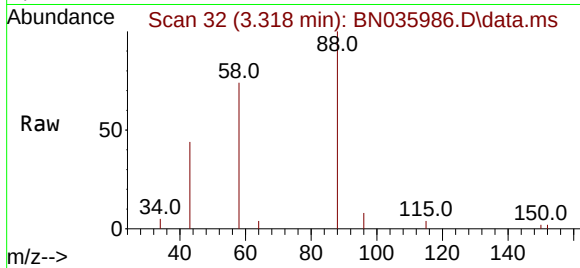




#2
1,4-Dioxane
Concen: 0.885 ng/ul
RT: 3.318 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

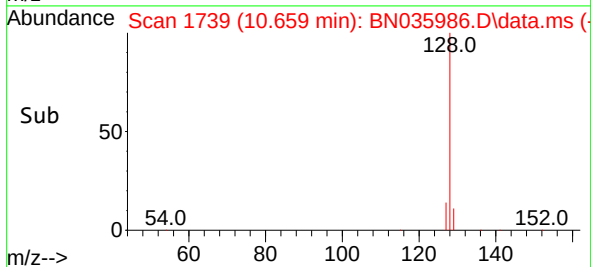
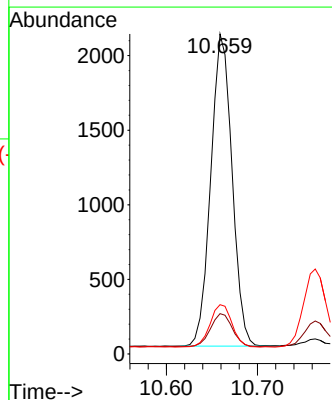
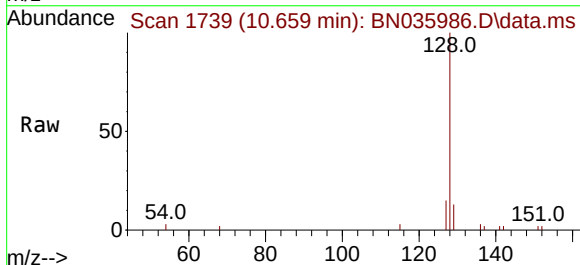
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BNA_N
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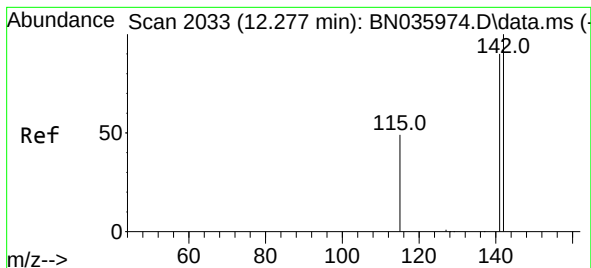
Tgt Ion: 88 Resp: 3112
Ion Ratio Lower Upper
88 100
43 44.2 57.8 86.8#
58 73.7 60.0 90.0



#5
Naphthalene
Concen: 0.198 ng/ul
RT: 10.659 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

Tgt Ion:128 Resp: 3394
Ion Ratio Lower Upper
128 100
129 12.6 10.6 16.0
127 15.4 12.0 18.0

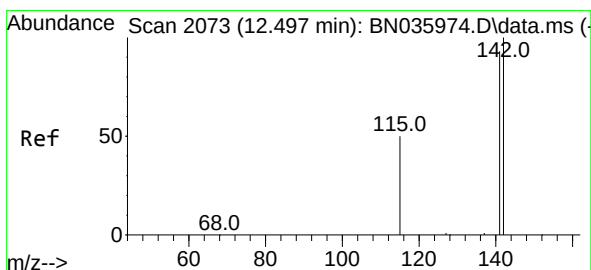
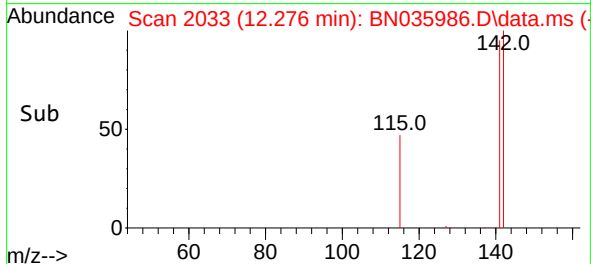
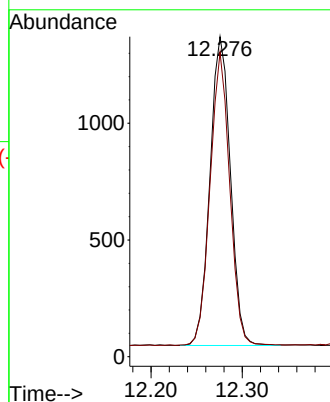
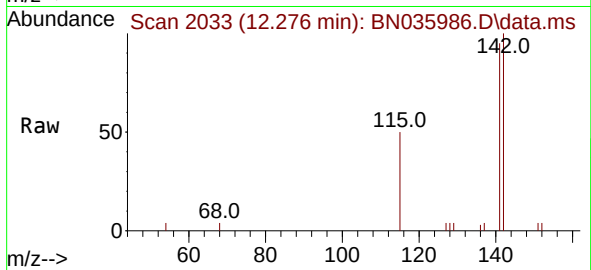




#7
2-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.276 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

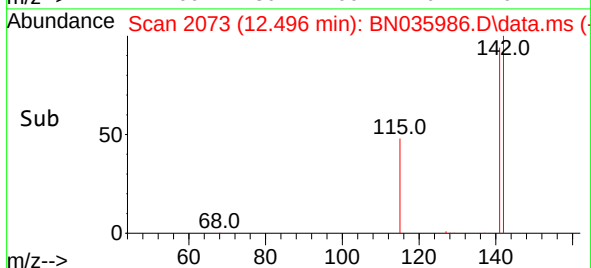
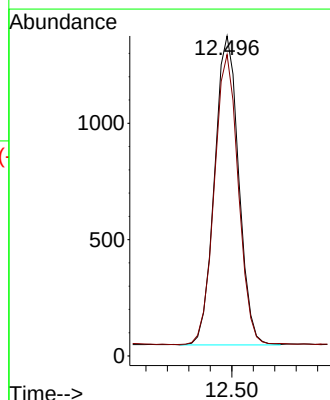
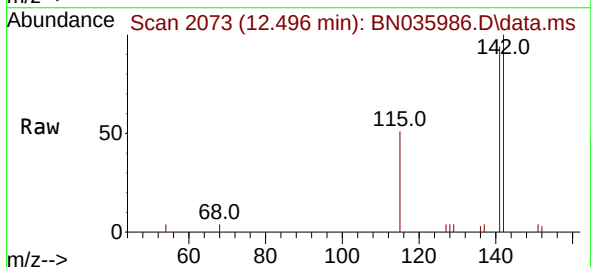
Instrument :
BNA_N
ClientSampleId :
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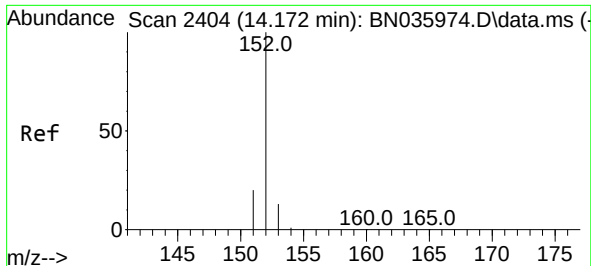
Tgt Ion:142 Resp: 2064
Ion Ratio Lower Upper
142 100
141 91.4 72.6 109.0



#8
1-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.496 min Scan# 2073
Delta R.T. -0.012 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

Tgt Ion:142 Resp: 2067
Ion Ratio Lower Upper
142 100
141 93.7 75.1 112.7

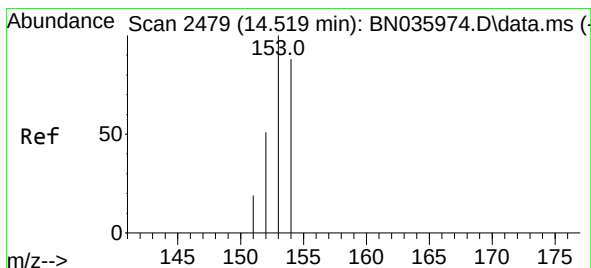
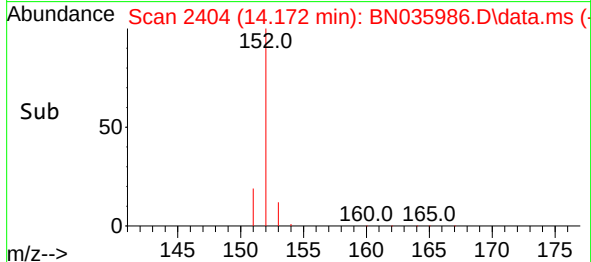
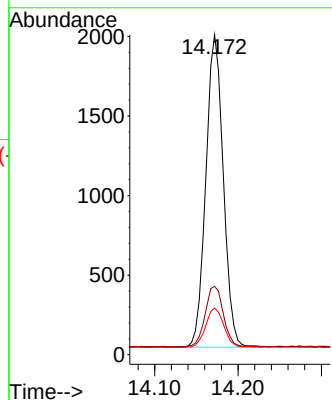
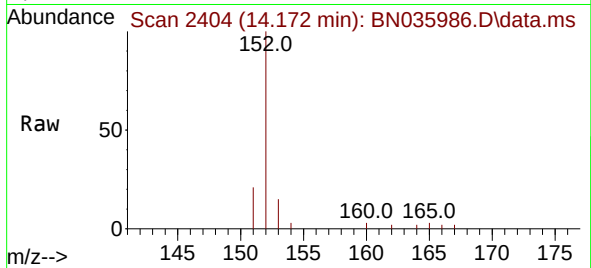




#10
Acenaphthylene
Concen: 0.188 ng/ul
RT: 14.172 min Scan# 2404
Delta R.T. -0.010 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

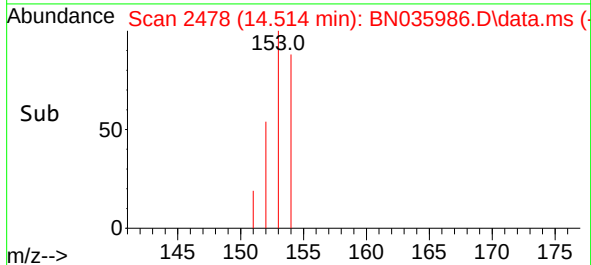
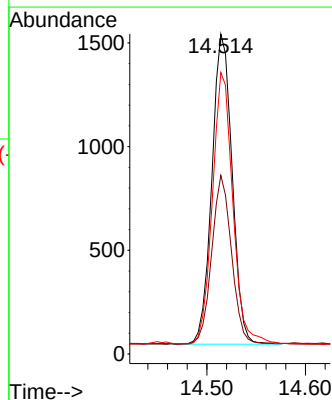
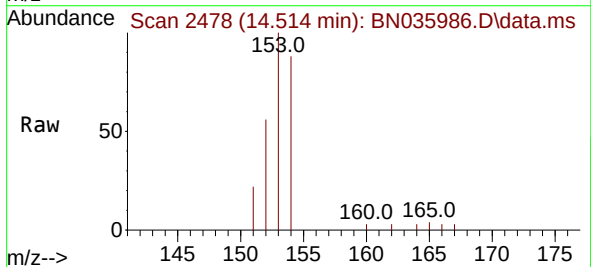
Instrument :
BNA_N
ClientSampleId :
SLCS119

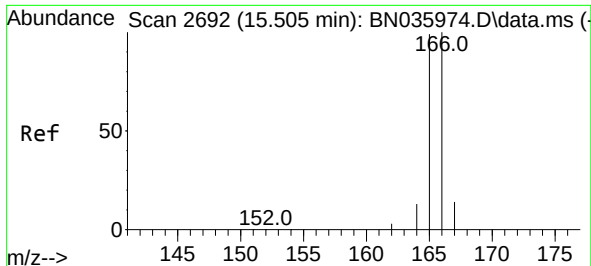
Tgt Ion:152	Resp:	2857
Ion Ratio	Lower	Upper
152	100	
151	21.4	17.8 26.6
153	14.6	11.9 17.9



#11
Acenaphthene
Concen: 0.201 ng/ul
RT: 14.514 min Scan# 2478
Delta R.T. -0.010 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

Tgt Ion:153	Resp:	2137
Ion Ratio	Lower	Upper
153	100	
152	55.8	40.6 60.8
154	87.9	69.4 104.0

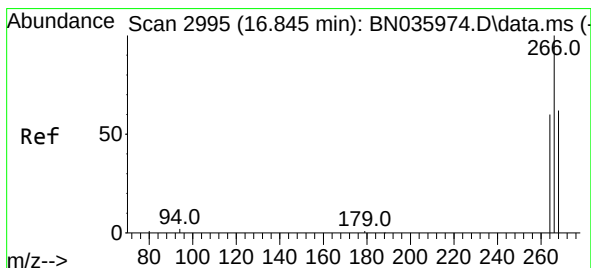
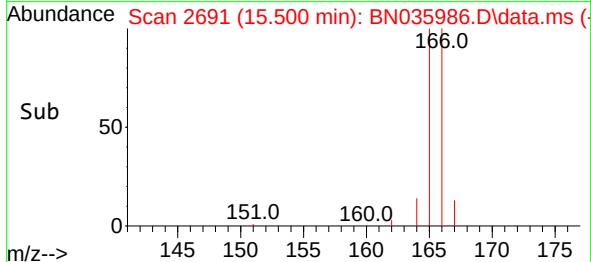
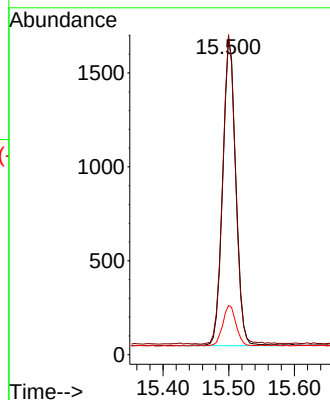
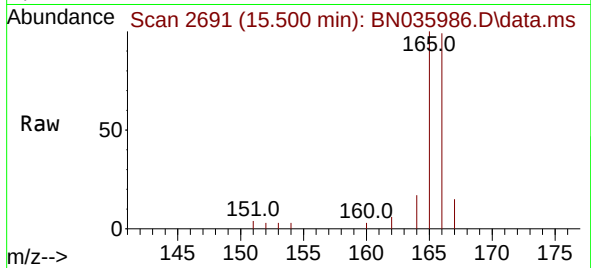




#12
 Fluorene
 Concen: 0.199 ng/ul
 RT: 15.500 min Scan# 2692
 Delta R.T. -0.010 min
 Lab File: BN035986.D
 Acq: 18 Jan 2025 12:39

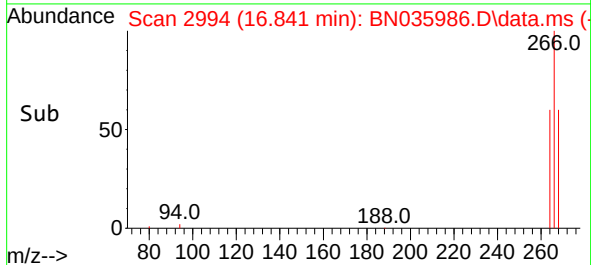
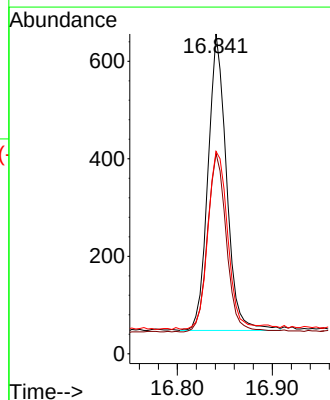
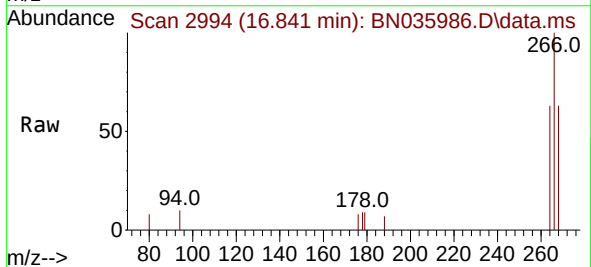
Instrument :
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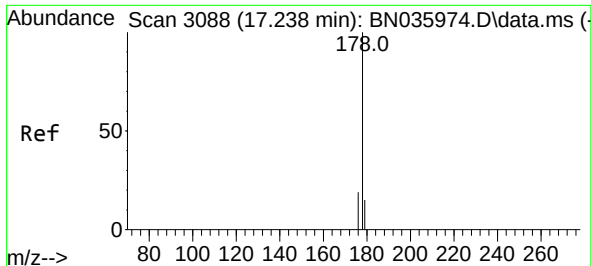
Tgt Ion:166 Resp: 2267
 Ion Ratio Lower Upper
 166 100
 165 101.0 79.0 118.6
 167 15.5 12.2 18.4



#14
 Pentachlorophenol
 Concen: 0.541 ng/ul
 RT: 16.841 min Scan# 2994
 Delta R.T. -0.008 min
 Lab File: BN035986.D
 Acq: 18 Jan 2025 12:39

Tgt Ion:266 Resp: 824
 Ion Ratio Lower Upper
 266 100
 264 61.7 50.1 75.1
 268 64.7 55.5 83.3





#15

Phenanthrene

Concen: 0.200 ng/ul

RT: 17.233 min Scan# 3087

Delta R.T. -0.008 min

Lab File: BN035986.D

Acq: 18 Jan 2025 12:39

Instrument :

BNA_N

ClientSampleId :

SLCS119

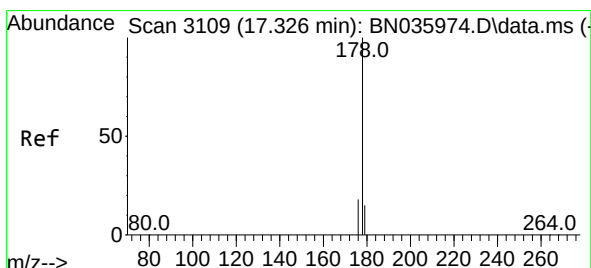
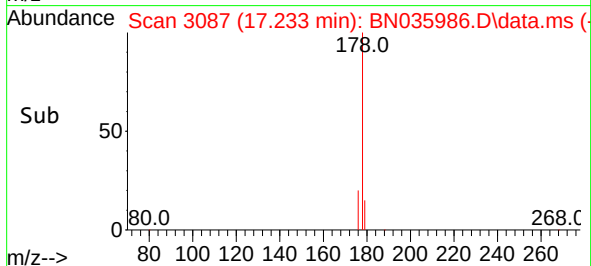
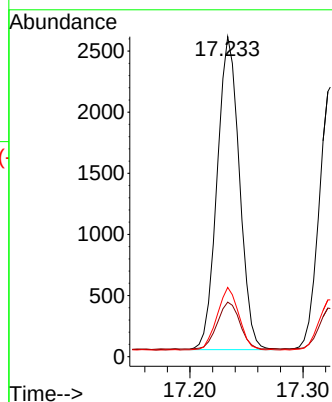
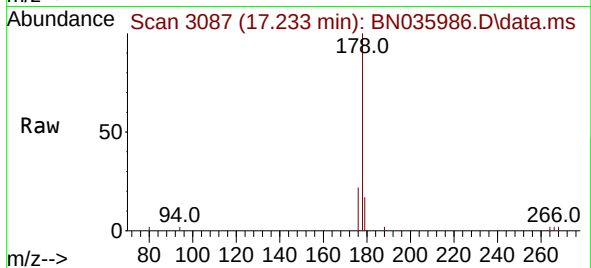
Tgt Ion:178 Resp: 3513

Ion Ratio Lower Upper

178 100

179 17.0 13.4 20.0

176 21.7 16.8 25.2



#16

Anthracene

Concen: 0.187 ng/ul

RT: 17.326 min Scan# 3109

Delta R.T. -0.008 min

Lab File: BN035986.D

Acq: 18 Jan 2025 12:39

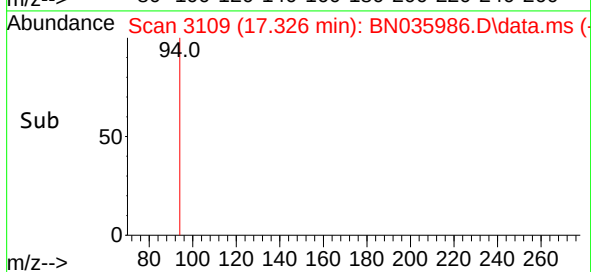
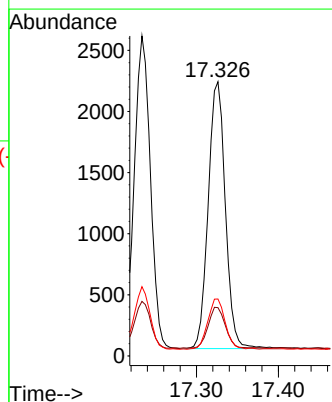
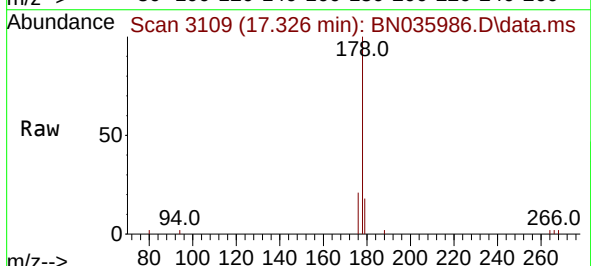
Tgt Ion:178 Resp: 3174

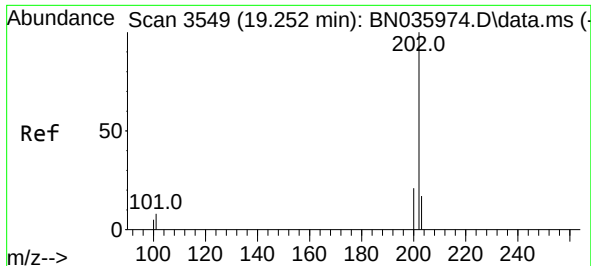
Ion Ratio Lower Upper

178 100

179 17.6 13.8 20.8

176 20.8 16.3 24.5

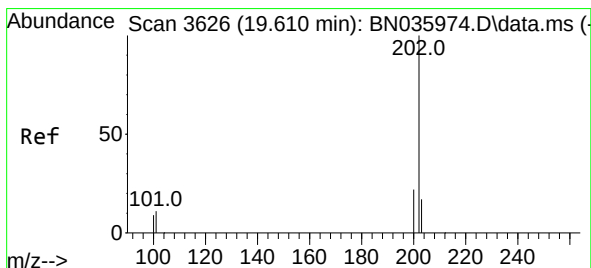
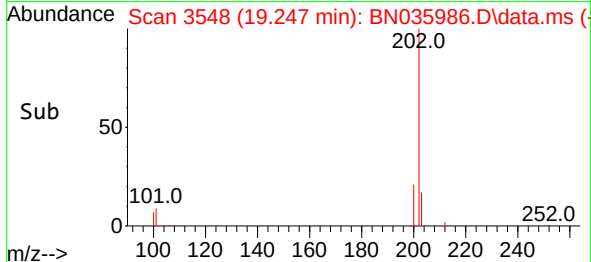
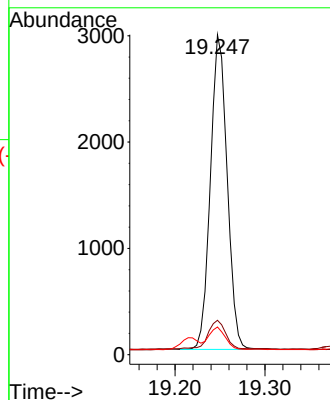
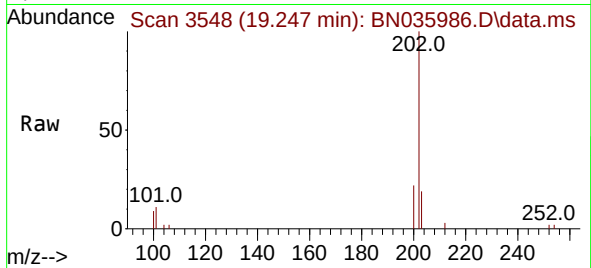




#19
Fluoranthene
Concen: 0.223 ng/ul
RT: 19.247 min Scan# 3548
Delta R.T. -0.009 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

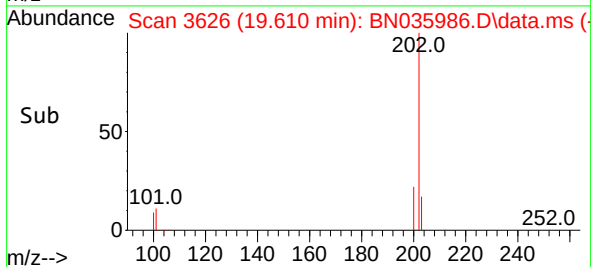
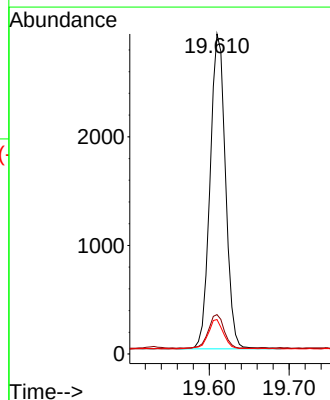
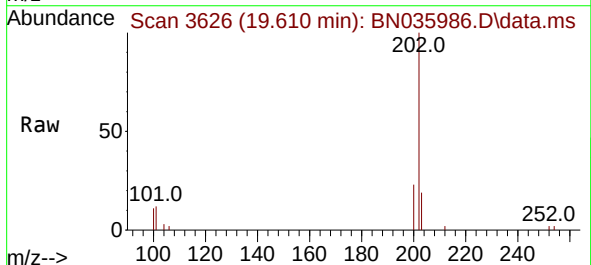
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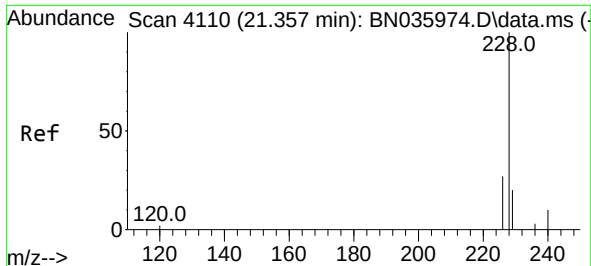
Tgt Ion:202 Resp: 3828
Ion Ratio Lower Upper
202 100
101 10.8 8.7 13.1
100 8.7 7.1 10.7



#20
Pyrene
Concen: 0.217 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. -0.009 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

Tgt Ion:202 Resp: 3881
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.6
100 10.8 8.2 12.2

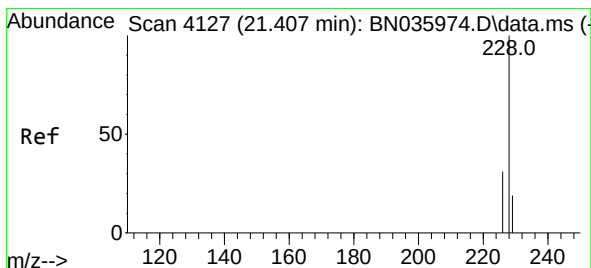
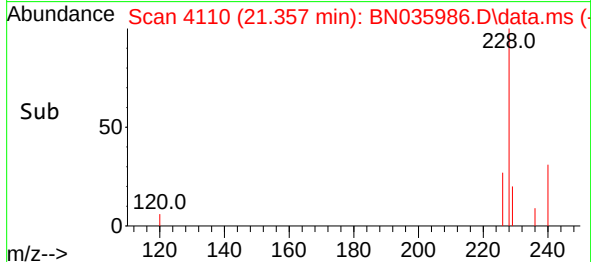
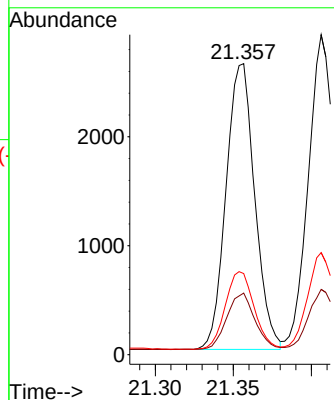
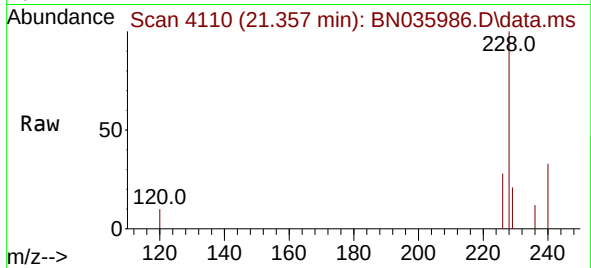




#21
Benzo(a)anthracene
Concen: 0.199 ng/ul
RT: 21.357 min Scan# 4110
Delta R.T. -0.006 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

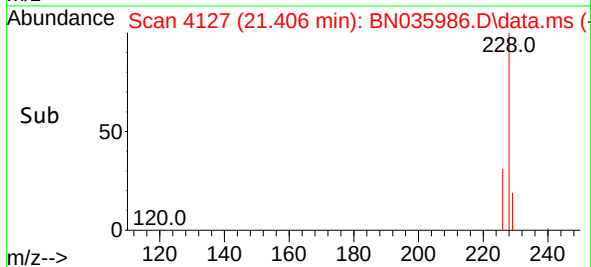
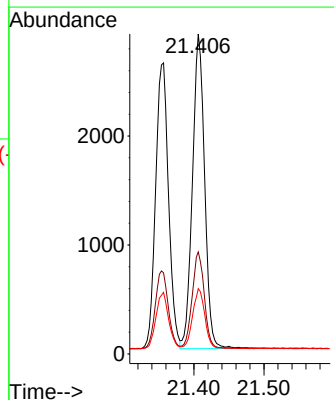
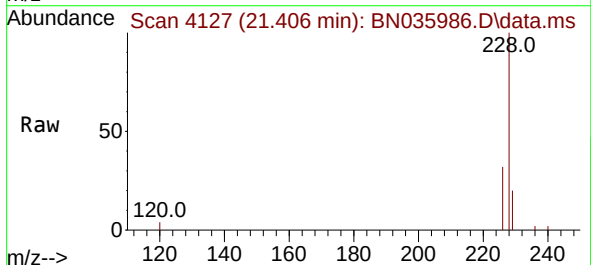
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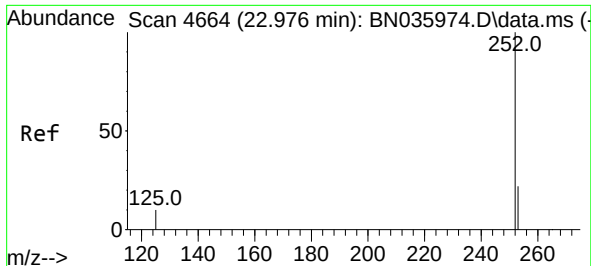
Tgt Ion:228 Resp: 3354
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.8
226 27.9 22.4 33.6



#22
Chrysene
Concen: 0.209 ng/ul
RT: 21.406 min Scan# 4127
Delta R.T. -0.009 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

Tgt Ion:228 Resp: 3489
Ion Ratio Lower Upper
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226 31.9 25.3 37.9
229 20.4 15.9 23.9

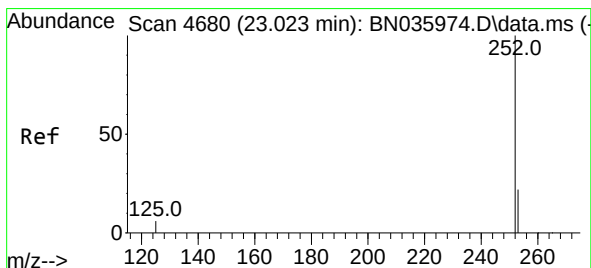
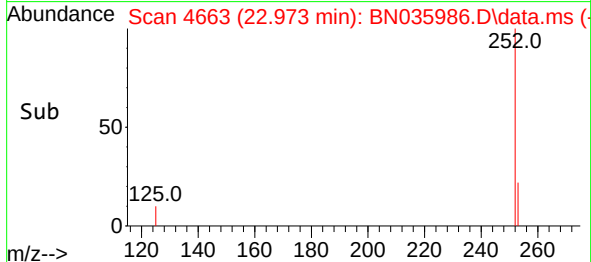
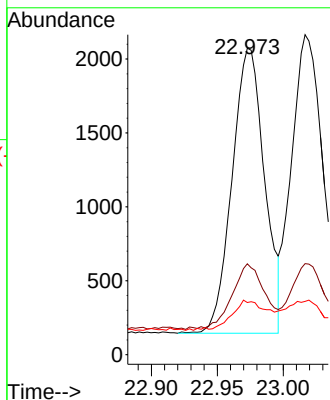
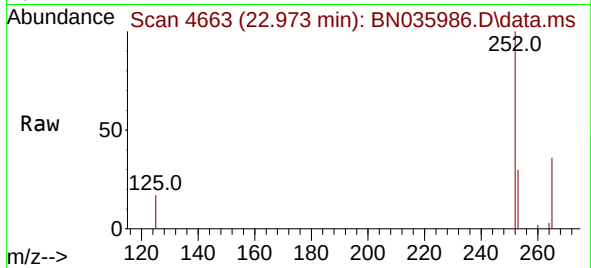




#24
Benzo(b)fluoranthene
Concen: 0.217 ng/ul
RT: 22.973 min Scan# 4663
Delta R.T. -0.015 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

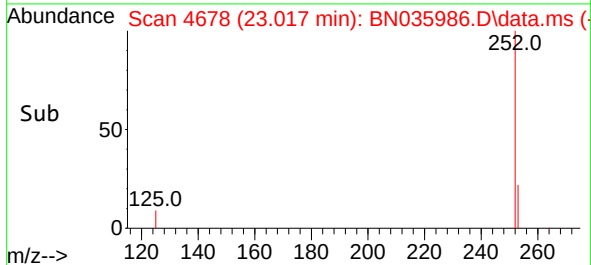
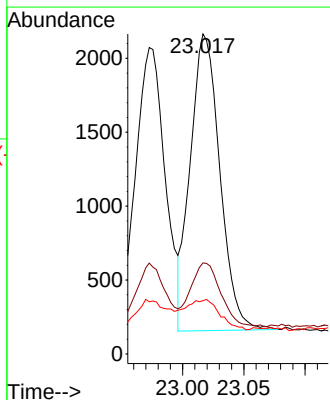
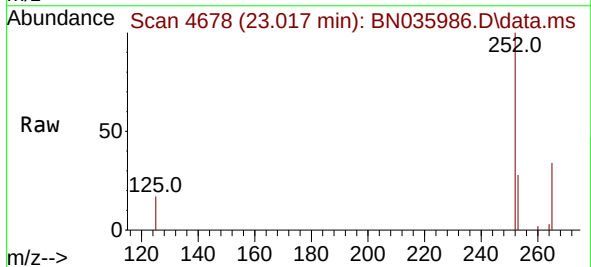
Instrument :
BNA_N
ClientSampleId :
SLCS119

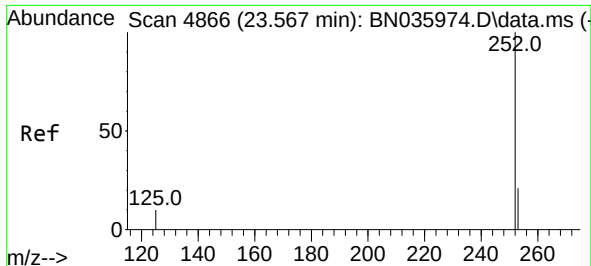
Tgt Ion:252 Resp: 3306
Ion Ratio Lower Upper
252 100
253 29.7 0.0 49.4
125 17.0 0.0 26.4



#25
Benzo(k)fluoranthene
Concen: 0.216 ng/ul
RT: 23.017 min Scan# 4678
Delta R.T. -0.015 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

Tgt Ion:252 Resp: 3370
Ion Ratio Lower Upper
252 100
253 28.5 19.8 29.8
125 16.6 11.4 17.0

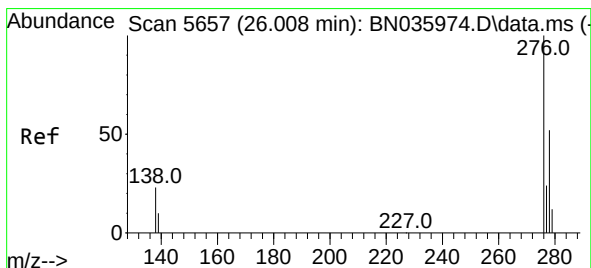
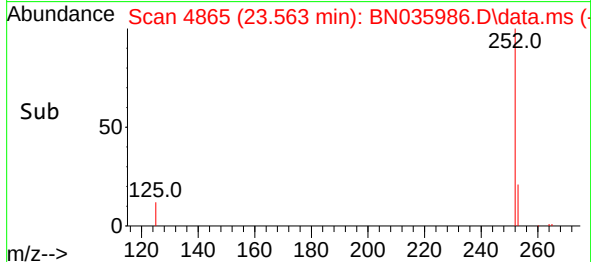
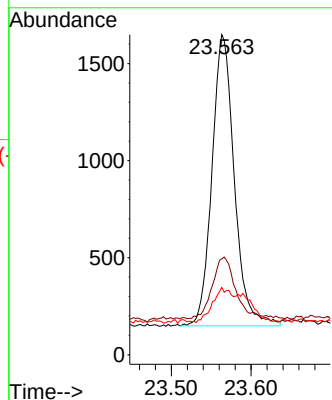
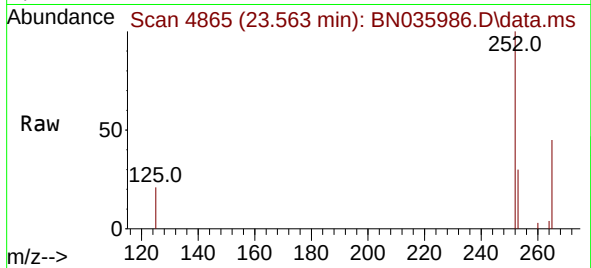




#26
Benzo(a)pyrene
Concen: 0.205 ng/ul
RT: 23.563 min Scan# 4865
Delta R.T. -0.015 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

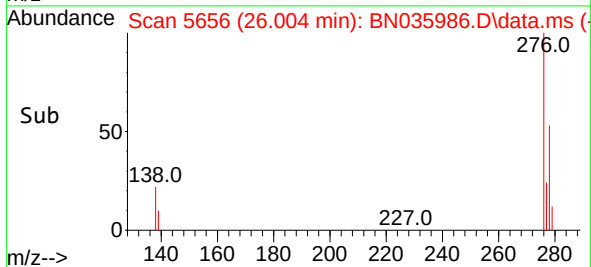
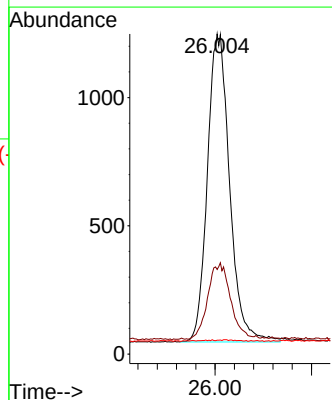
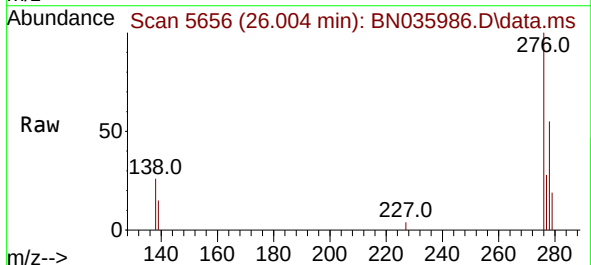
Instrument :
BNA_N
ClientSampleId :
SLCS119

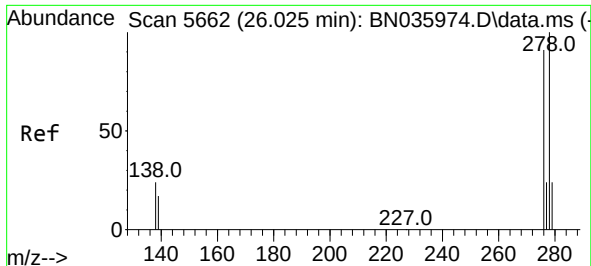
Tgt Ion:252 Resp: 2923
Ion Ratio Lower Upper
252 100
253 30.0 20.2 30.4
125 21.0 12.2 18.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.208 ng/ul
RT: 26.004 min Scan# 5656
Delta R.T. -0.023 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

Tgt Ion:276 Resp: 3845
Ion Ratio Lower Upper
276 100
138 25.3 0.1 0.1#
227 0.3 0.0 0.0#

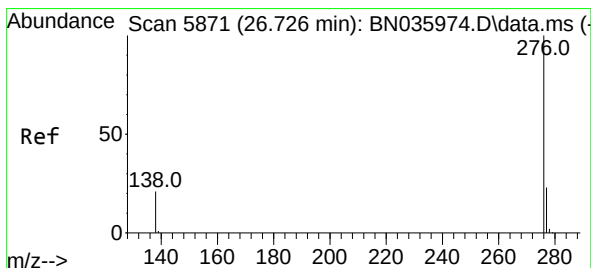
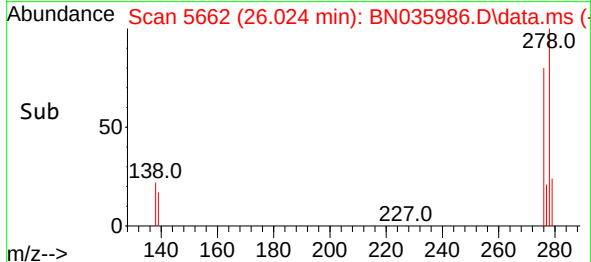
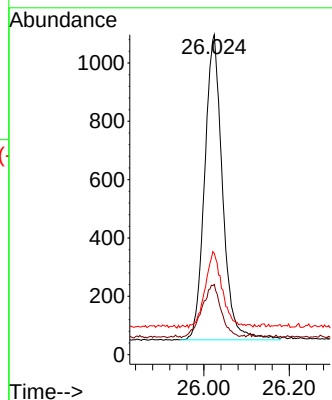
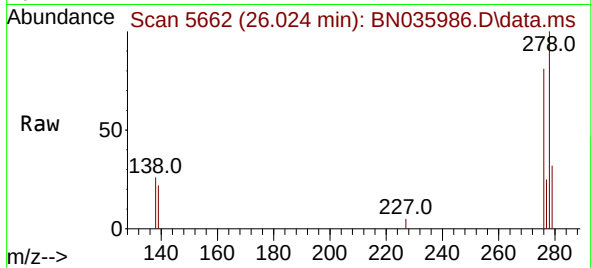




#28
Dibenzo(a,h)anthracene
Concen: 0.207 ng/ul
RT: 26.024 min Scan# 50
Delta R.T. -0.023 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

Instrument :
BNA_N
ClientSampleId :
SLCS119

Tgt Ion:278 Resp: 3023
Ion Ratio Lower Upper
278 100
139 22.0 15.5 23.3
279 31.6 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.203 ng/ul
RT: 26.715 min Scan# 5868
Delta R.T. -0.023 min
Lab File: BN035986.D
Acq: 18 Jan 2025 12:39

Tgt Ion:276 Resp: 2984
Ion Ratio Lower Upper
276 100
138 25.6 19.9 29.9
277 27.8 21.0 31.6

