

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120525\
 Data File : BN038273.D
 Acq On : 05 Dec 2025 13:54
 Operator : RC/JU
 Sample : PB170720BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS720

Quant Time: Dec 05 14:22:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 01 16:36:13 2025
 Response via : Initial Calibration

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

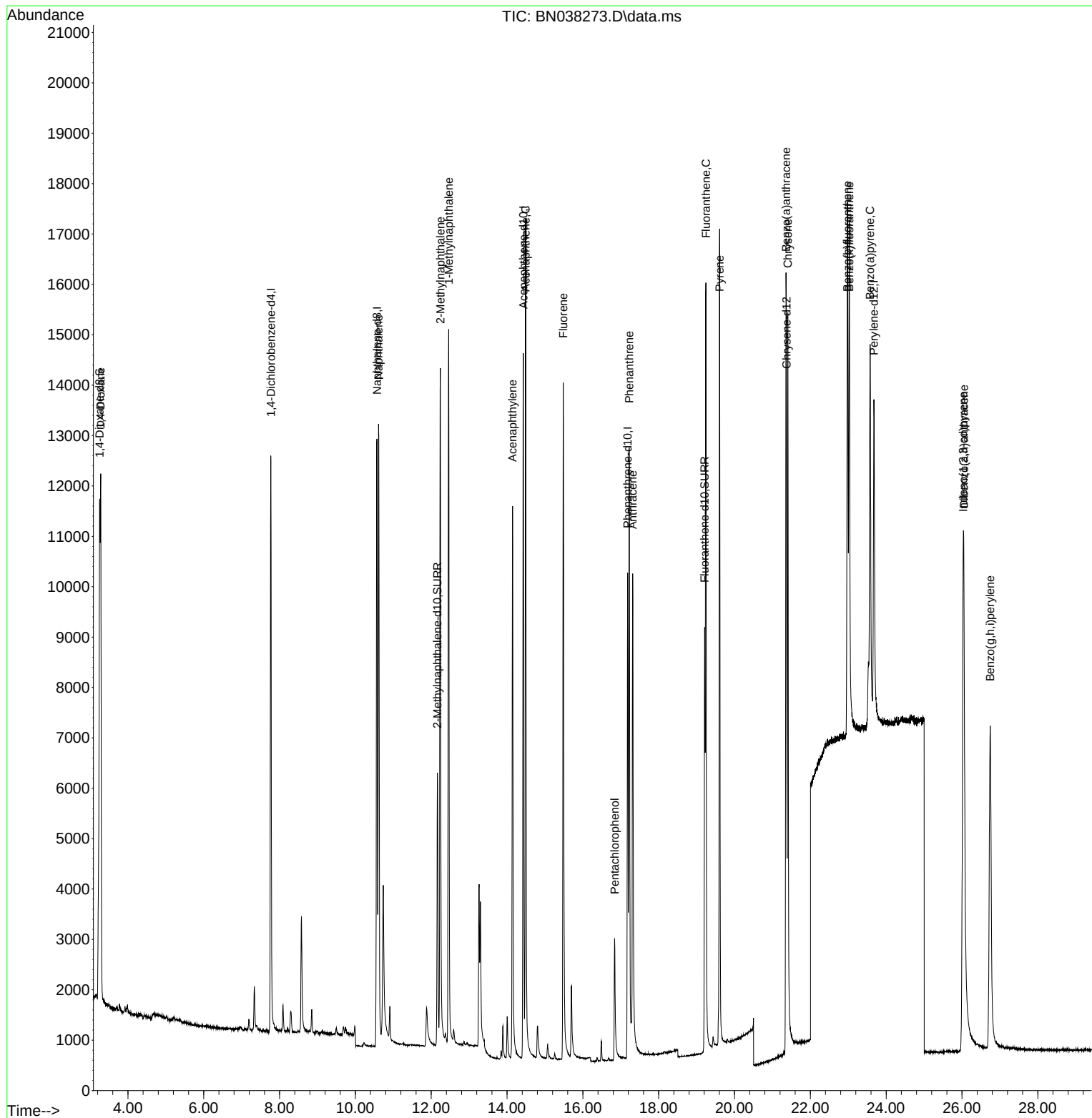
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.770	152	6339	0.400	ng/u1	0.00
4) Naphthalene-d8	10.568	136	17529	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.428	164	8089	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.179	188	12427	0.400	ng/u1	0.00
17) Chrysene-d12	21.371	240	9212	0.400	ng/u1	0.00
23) Perylene-d12	23.677	264	9668	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	5106	0.768	ng/u1	0.03
6) 2-Methylnaphthalene-d10	12.162	152	8124	0.325	ng/u1	-0.01
18) Fluoranthene-d10	19.211	212	9827	0.274	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	12927	1.804	ng/u1	90
5) Naphthalene	10.612	128	17718	0.372	ng/u1	99
7) 2-Methylnaphthalene	12.239	142	10897	0.343	ng/u1	100
8) 1-Methylnaphthalene	12.459	142	10612	0.314	ng/u1	100
10) Acenaphthylene	14.145	152	14162	0.373	ng/u1	99
11) Acenaphthene	14.488	153	10388	0.368	ng/u1	99
12) Fluorene	15.482	166	10326	0.341	ng/u1	98
14) Pentachlorophenol	16.837	266	2224	1.116	ng/u1	99
15) Phenanthrene	17.222	178	14511	0.373	ng/u1	99
16) Anthracene	17.314	178	12717	0.385	ng/u1	99
19) Fluoranthene	19.244	202	14497	0.294	ng/u1	99
20) Pyrene	19.606	202	14856	0.305	ng/u1	98
21) Benzo(a)anthracene	21.356	228	12204	0.396	ng/u1	99
22) Chrysene	21.406	228	14531	0.380	ng/u1	99
24) Benzo(b)fluoranthene	22.978	252	14728	0.389	ng/u1	98
25) Benzo(k)fluoranthene	23.025	252	15350	0.385	ng/u1	98
26) Benzo(a)pyrene	23.575	252	13800	0.404	ng/u1	99
27) Indeno(1,2,3-cd)pyrene	26.031	276	18304	0.450	ng/u1#	99
28) Dibenzo(a,h)anthracene	26.047	278	13662	0.478	ng/u1	97
29) Benzo(g,h,i)perylene	26.745	276	16227	0.424	ng/u1	99

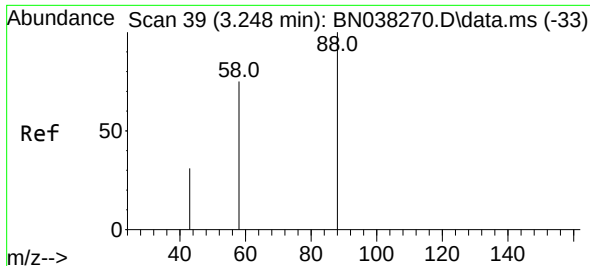
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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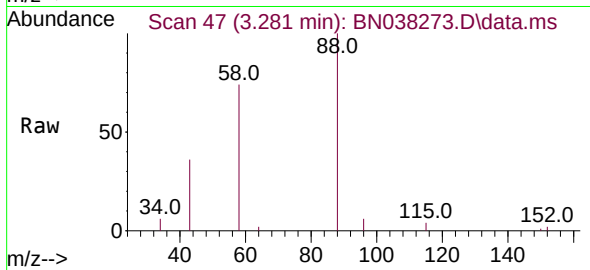
Quant Time: Dec 05 14:22:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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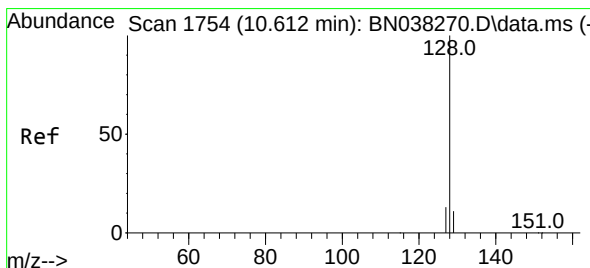
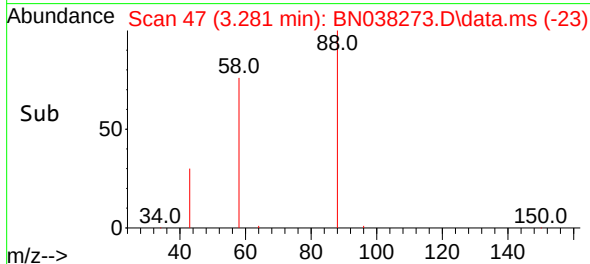
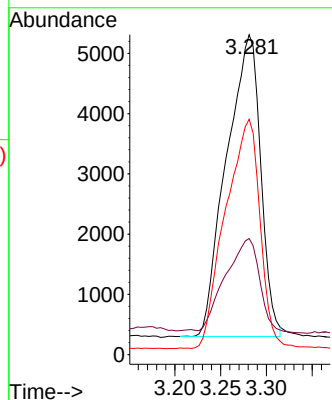
#2
1,4-Dioxane
Concen: 1.804 ng/ul
RT: 3.281 min Scan# 41
Delta R.T. 0.029 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

Instrument :
BNA_N
ClientSampleId :
SLCS720



Tgt Ion: 88 Resp: 12927

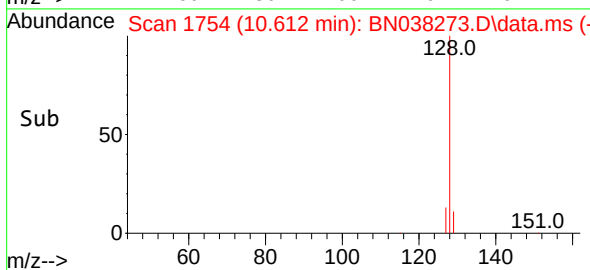
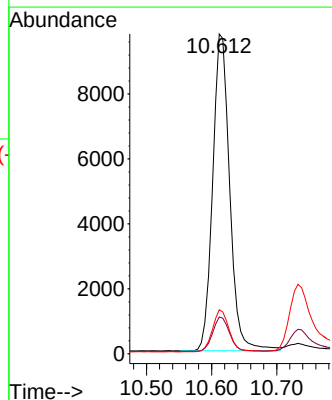
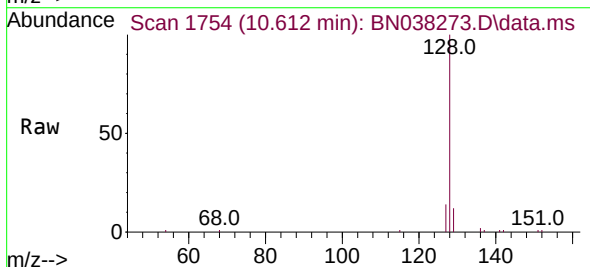
Ion	Ratio	Lower	Upper
88	100		
43	36.3	27.5	41.3
58	73.5	50.5	75.7

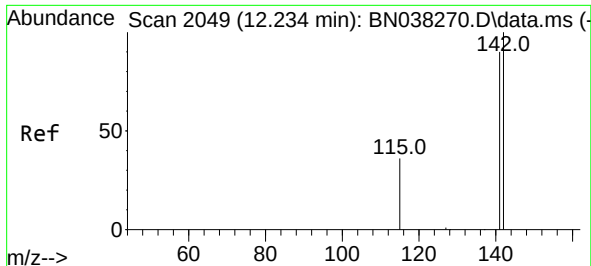


#5
Naphthalene
Concen: 0.372 ng/ul
RT: 10.612 min Scan# 1754
Delta R.T. -0.011 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

Tgt Ion: 128 Resp: 17718

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.8	10.6	16.0

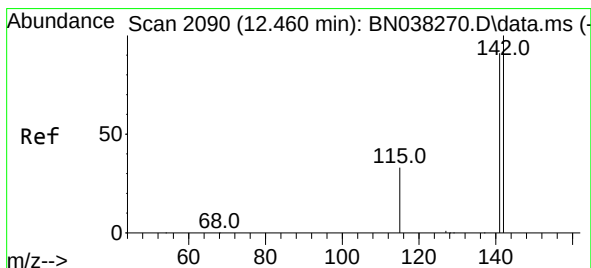
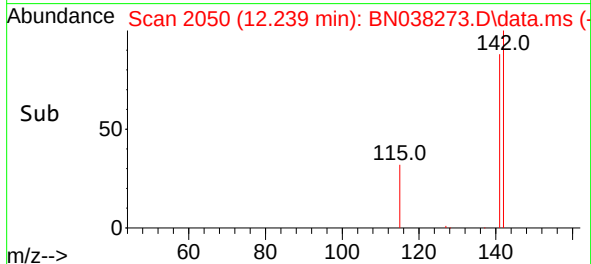
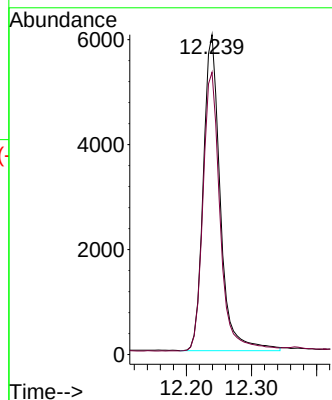
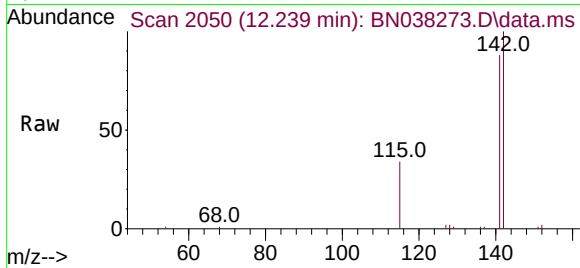




#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.239 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

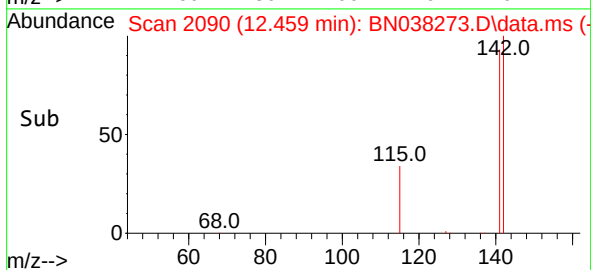
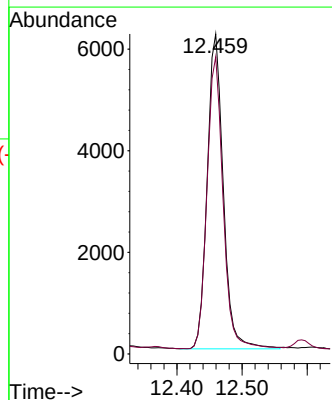
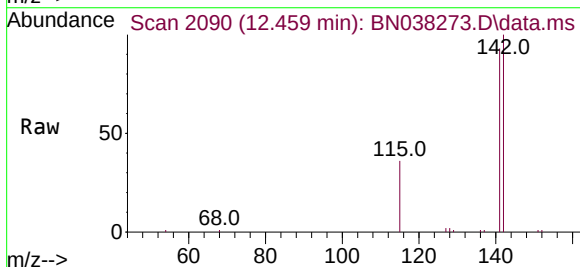
Instrument :
BNA_N
ClientSampleId :
SLCS720

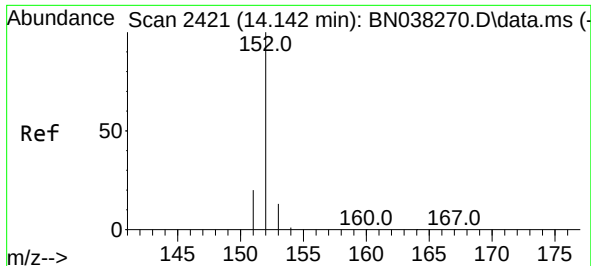
Tgt Ion:142 Resp: 10897
Ion Ratio Lower Upper
142 100
141 89.4 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.459 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

Tgt Ion:142 Resp: 10612
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

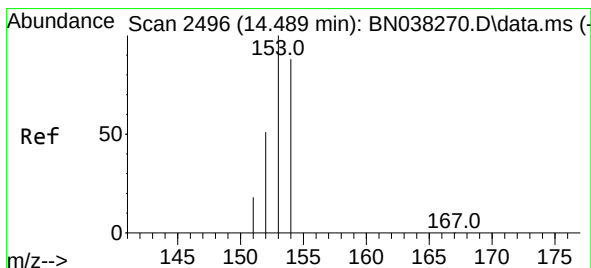
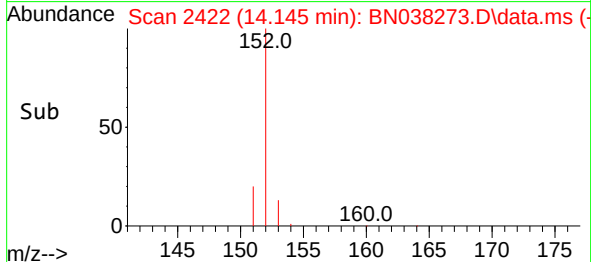
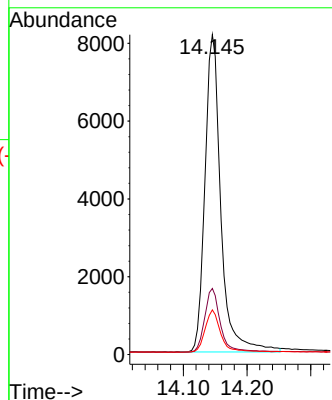
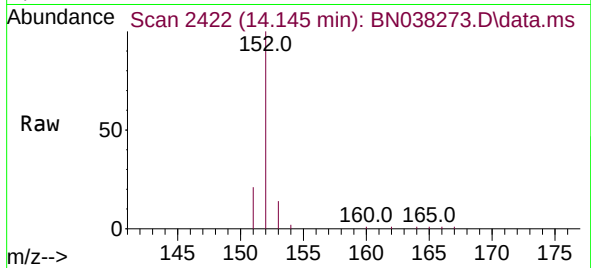




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.145 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

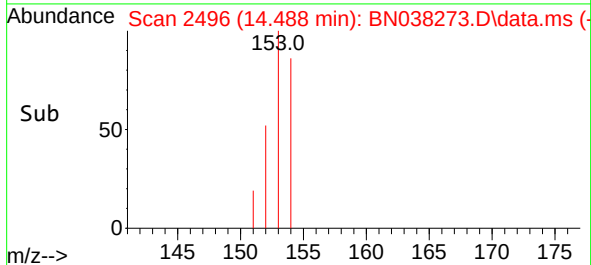
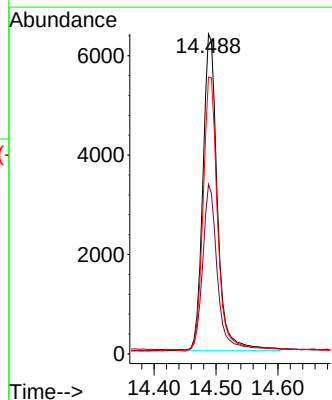
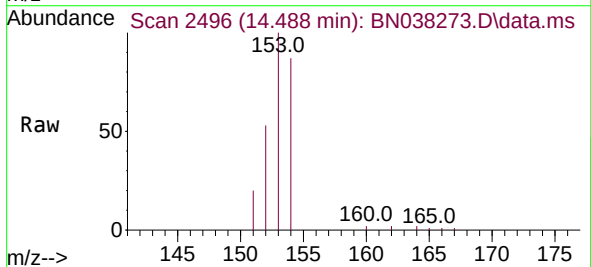
Instrument :
BNA_N
ClientSampleId :
SLCS720

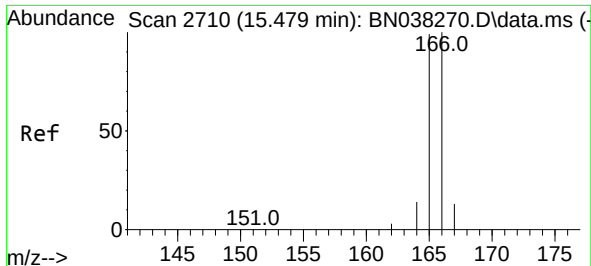
Tgt Ion:152 Resp: 14162
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 14.0 10.7 16.1



#11
Acenaphthene
Concen: 0.368 ng/ul
RT: 14.488 min Scan# 2496
Delta R.T. -0.010 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

Tgt Ion:153 Resp: 10388
Ion Ratio Lower Upper
153 100
152 53.0 41.4 62.0
154 86.6 69.7 104.5

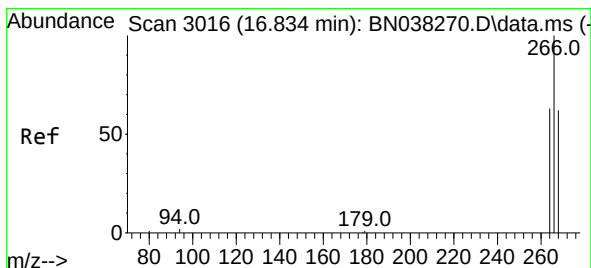
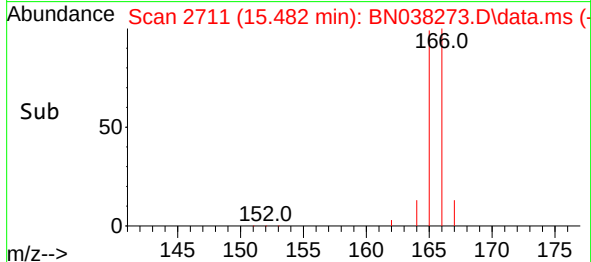
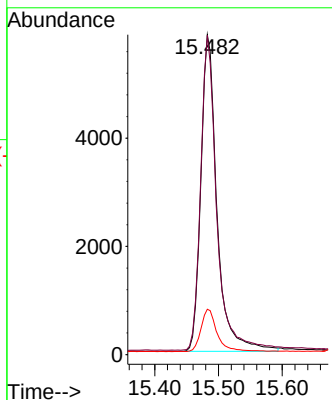
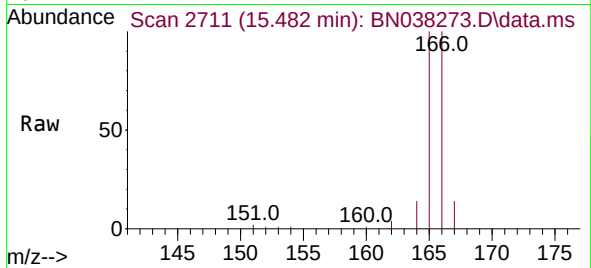




#12
Fluorene
Concen: 0.341 ng/ul
RT: 15.482 min Scan# 2711
Delta R.T. -0.006 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

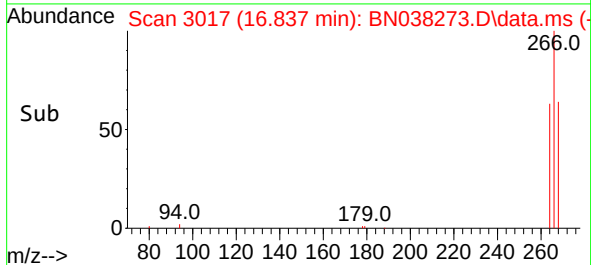
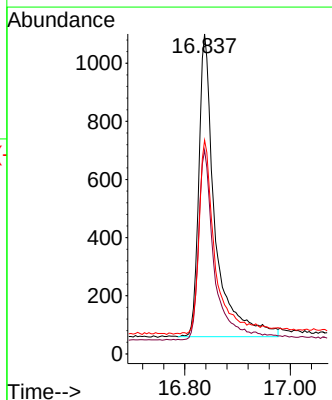
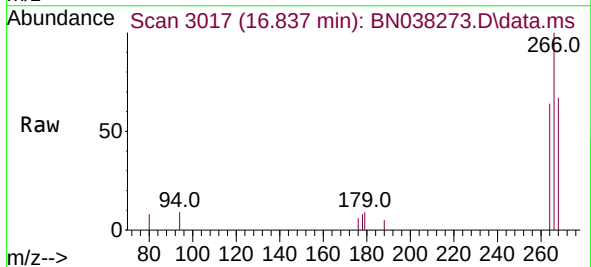
Instrument :
BNA_N
ClientSampleId :
SLCS720

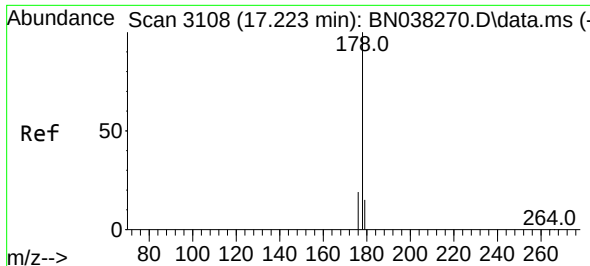
Tgt Ion:166 Resp: 10326
Ion Ratio Lower Upper
166 100
165 99.7 78.1 117.1
167 14.2 11.0 16.4



#14
Pentachlorophenol
Concen: 1.116 ng/ul
RT: 16.837 min Scan# 3017
Delta R.T. -0.009 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

Tgt Ion:266 Resp: 2224
Ion Ratio Lower Upper
266 100
264 62.2 49.3 73.9
268 65.6 53.7 80.5

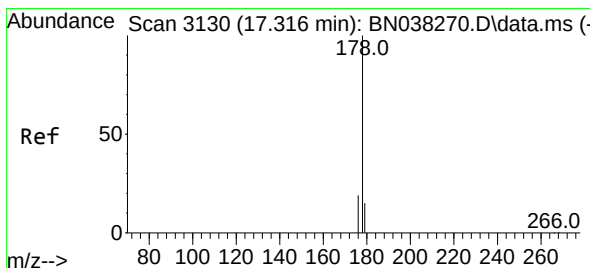
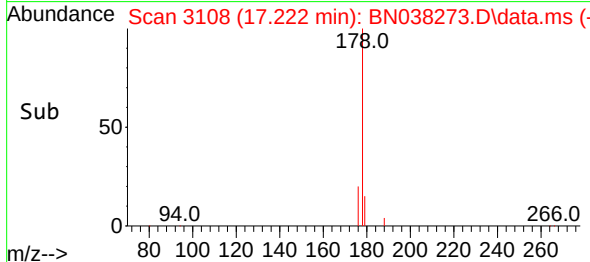
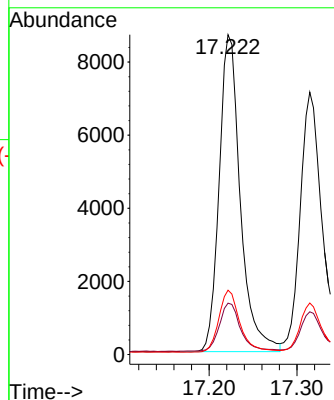
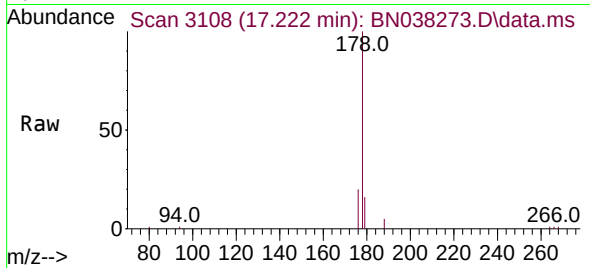




#15
Phenanthrene
Concen: 0.373 ng/ul
RT: 17.222 min Scan# 3108
Delta R.T. -0.009 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

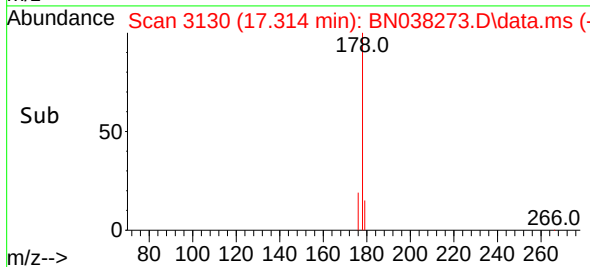
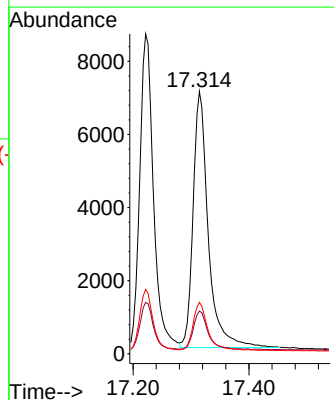
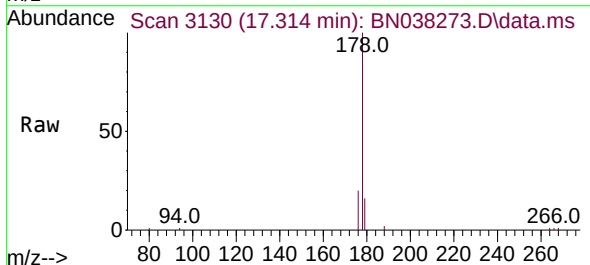
Instrument :
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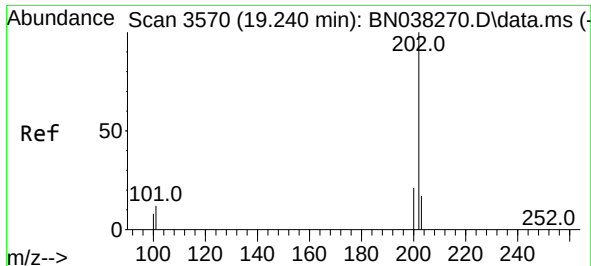
Tgt Ion:178	Resp:	14511
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.4 18.6
176	20.1	15.8 23.6



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.314 min Scan# 3130
Delta R.T. -0.009 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

Tgt Ion:178	Resp:	12717
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.8 19.2
176	19.7	15.4 23.2





#19

Fluoranthene

Concen: 0.294 ng/ul

RT: 19.244 min Scan# 3571

Delta R.T. -0.006 min

Lab File: BN038273.D

Acq: 05 Dec 2025 13:54

Instrument :

BNA_N

ClientSampleId :

SLCS720

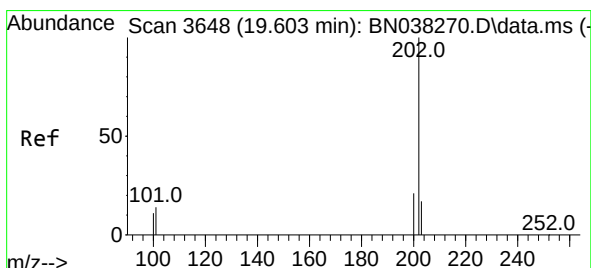
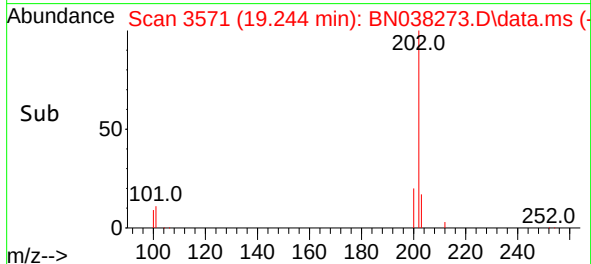
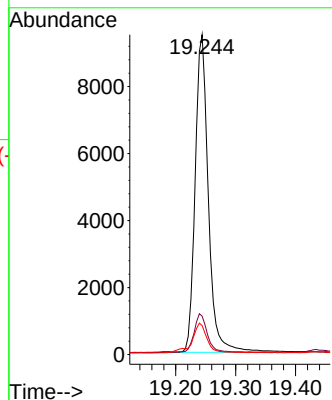
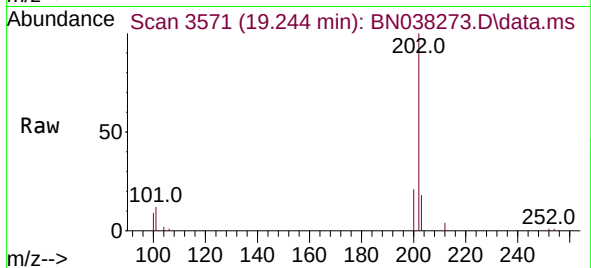
Tgt Ion:202 Resp: 14497

Ion Ratio Lower Upper

202 100

101 12.0 9.3 13.9

100 9.1 7.2 10.8



#20

Pyrene

Concen: 0.305 ng/ul

RT: 19.606 min Scan# 3649

Delta R.T. -0.006 min

Lab File: BN038273.D

Acq: 05 Dec 2025 13:54

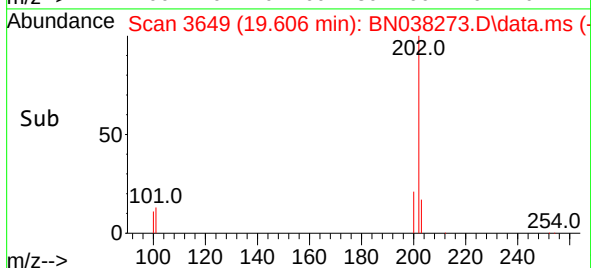
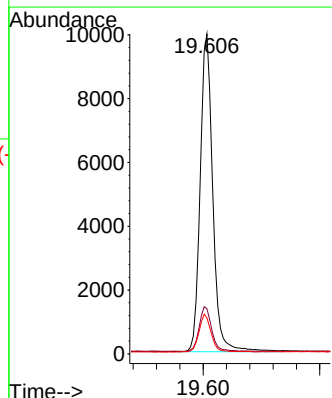
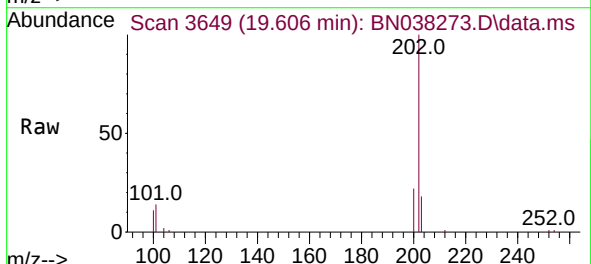
Tgt Ion:202 Resp: 14856

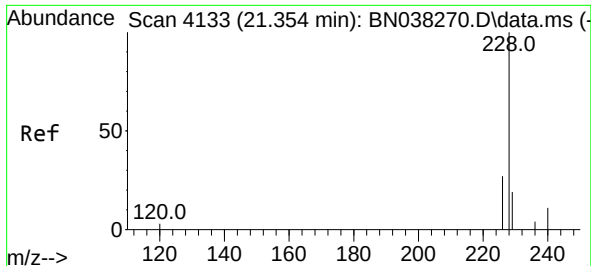
Ion Ratio Lower Upper

202 100

101 14.1 10.6 16.0

100 11.3 8.5 12.7

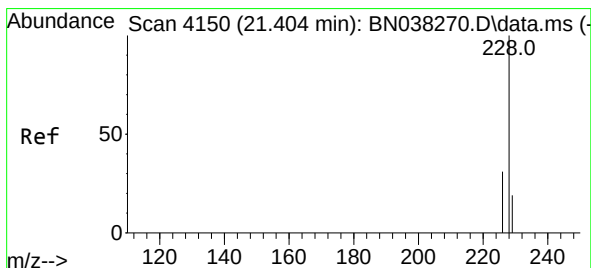
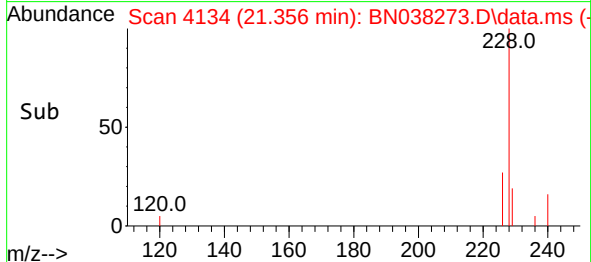
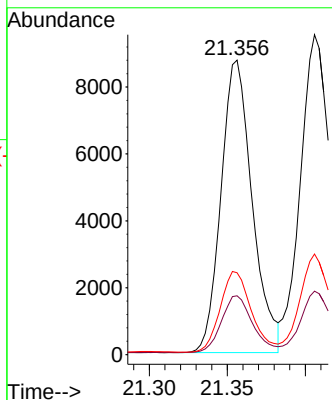
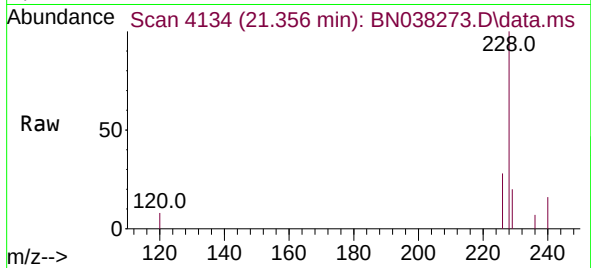




#21
Benzo(a)anthracene
Concen: 0.396 ng/ul
RT: 21.356 min Scan# 4133
Delta R.T. -0.001 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

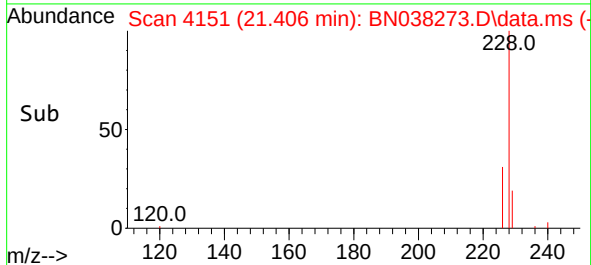
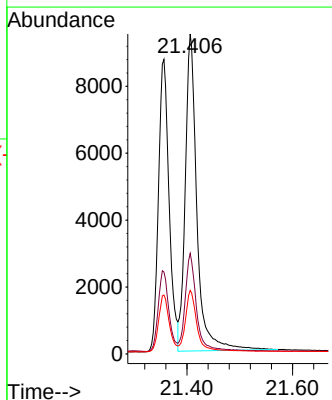
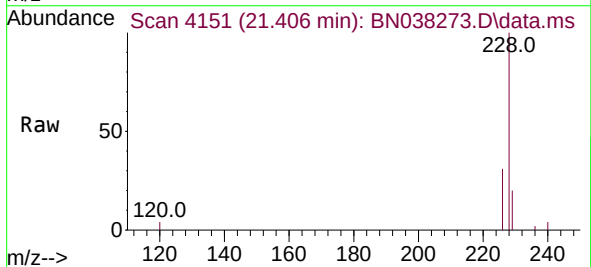
Instrument :
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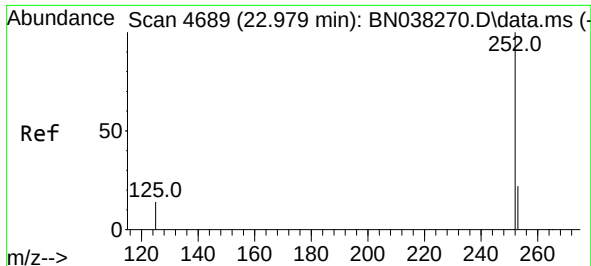
Tgt Ion:228 Resp: 12204
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 27.8 22.4 33.6



#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.406 min Scan# 4151
Delta R.T. -0.004 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

Tgt Ion:228 Resp: 14531
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.4
229 19.8 15.4 23.0

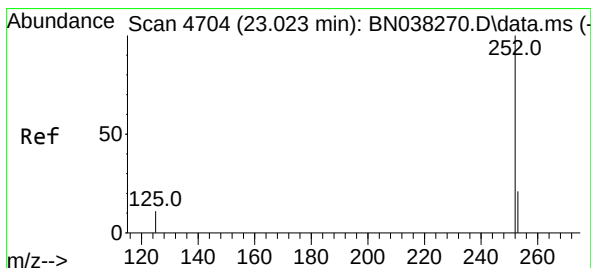
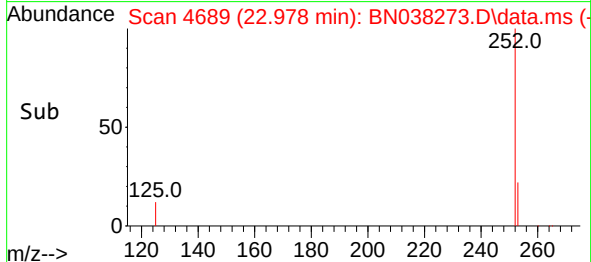
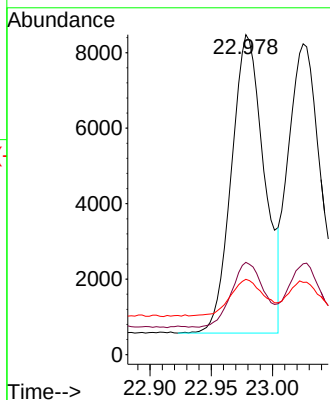
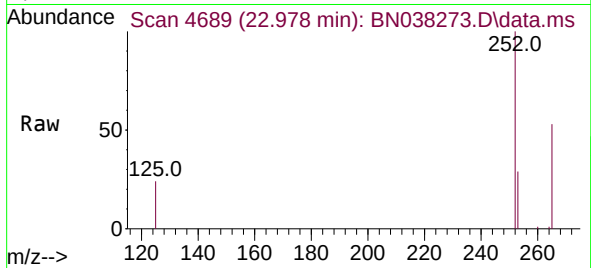




#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 22.978 min Scan# 4689
Delta R.T. -0.004 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

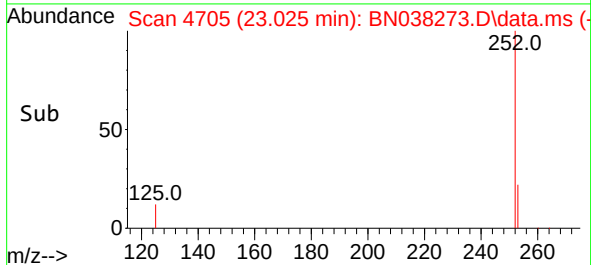
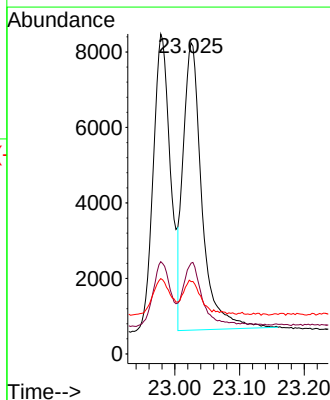
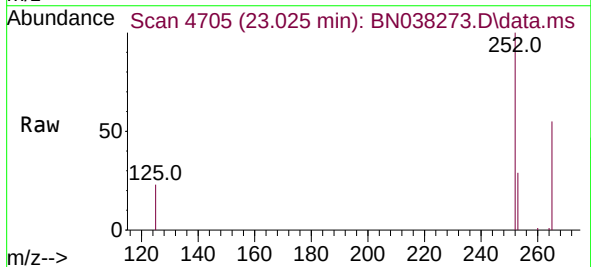
Instrument :
BNA_N
ClientSampleId :
SLCS720

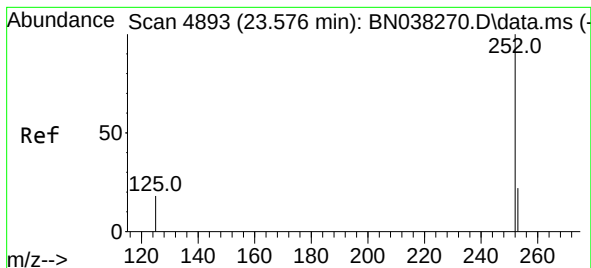
Tgt Ion:252	Resp:	14728
Ion Ratio	Lower	Upper
252	100	
253	28.8	0.0 55.8
125	23.5	0.0 45.6



#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 23.025 min Scan# 4705
Delta R.T. -0.004 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

Tgt Ion:252	Resp:	15350
Ion Ratio	Lower	Upper
252	100	
253	29.2	22.9 34.3
125	23.3	17.7 26.5





#26

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 23.575 min Scan# 4893

Delta R.T. -0.007 min

Lab File: BN038273.D

Acq: 05 Dec 2025 13:54

Instrument :

BNA_N

ClientSampleId :

SLCS720

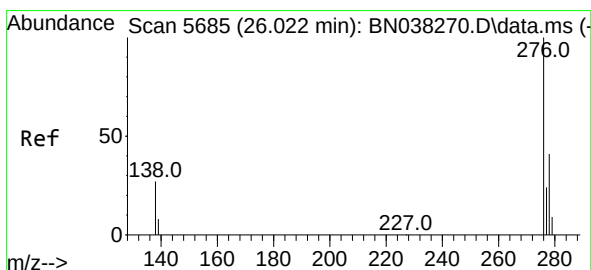
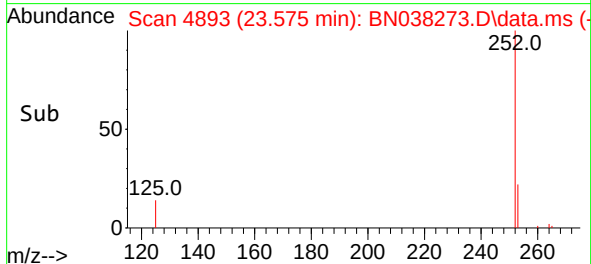
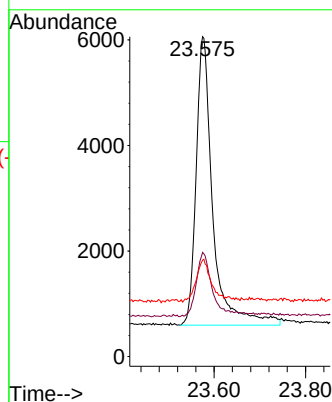
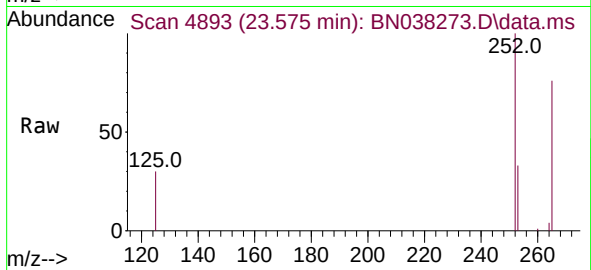
Tgt Ion:252 Resp: 13800

Ion Ratio Lower Upper

252 100

253 32.6 25.9 38.9

125 30.1 24.6 37.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.450 ng/ul

RT: 26.031 min Scan# 5688

Delta R.T. -0.008 min

Lab File: BN038273.D

Acq: 05 Dec 2025 13:54

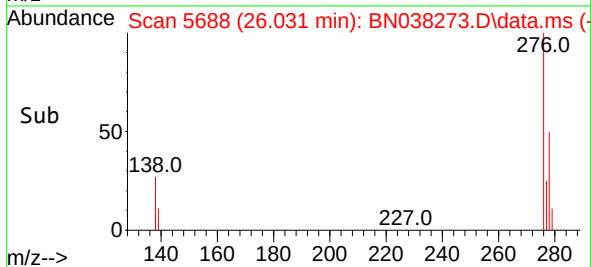
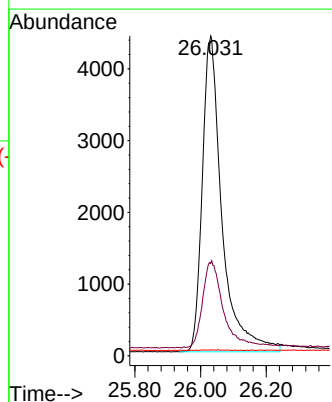
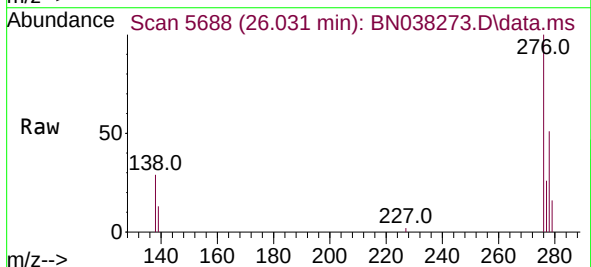
Tgt Ion:276 Resp: 18304

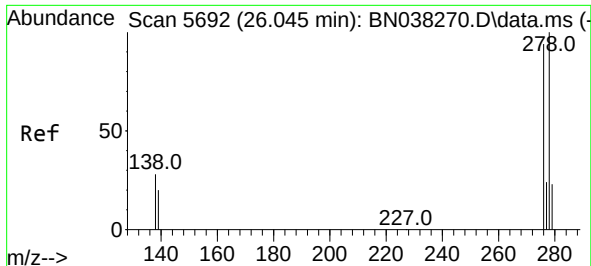
Ion Ratio Lower Upper

276 100

138 29.1 22.9 34.3

227 0.0 0.0 0.0#

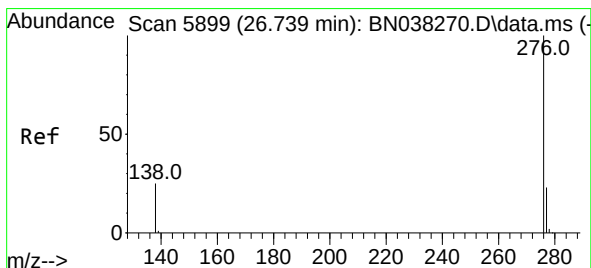
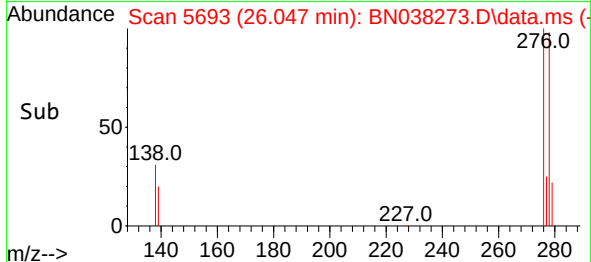
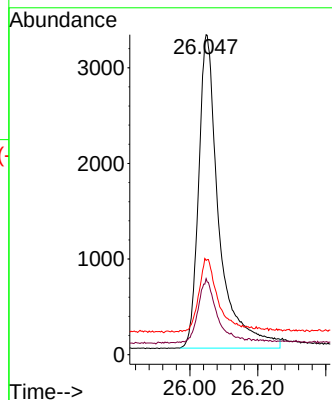
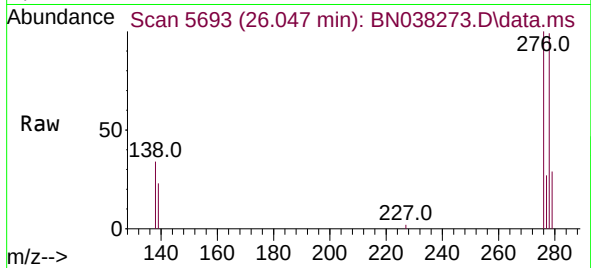




#28
Dibenzo(a,h)anthracene
Concen: 0.478 ng/ul
RT: 26.047 min Scan# 5900
Delta R.T. -0.008 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

Instrument :
BNA_N
ClientSampleId :
SLCS720

Tgt Ion:278 Resp: 13662
Ion Ratio Lower Upper
278 100
139 23.7 18.1 27.1
279 29.4 25.0 37.4



#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 26.745 min Scan# 5901
Delta R.T. -0.008 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

Tgt Ion:276 Resp: 16227
Ion Ratio Lower Upper
276 100
138 27.8 21.6 32.4
277 24.8 19.8 29.6

