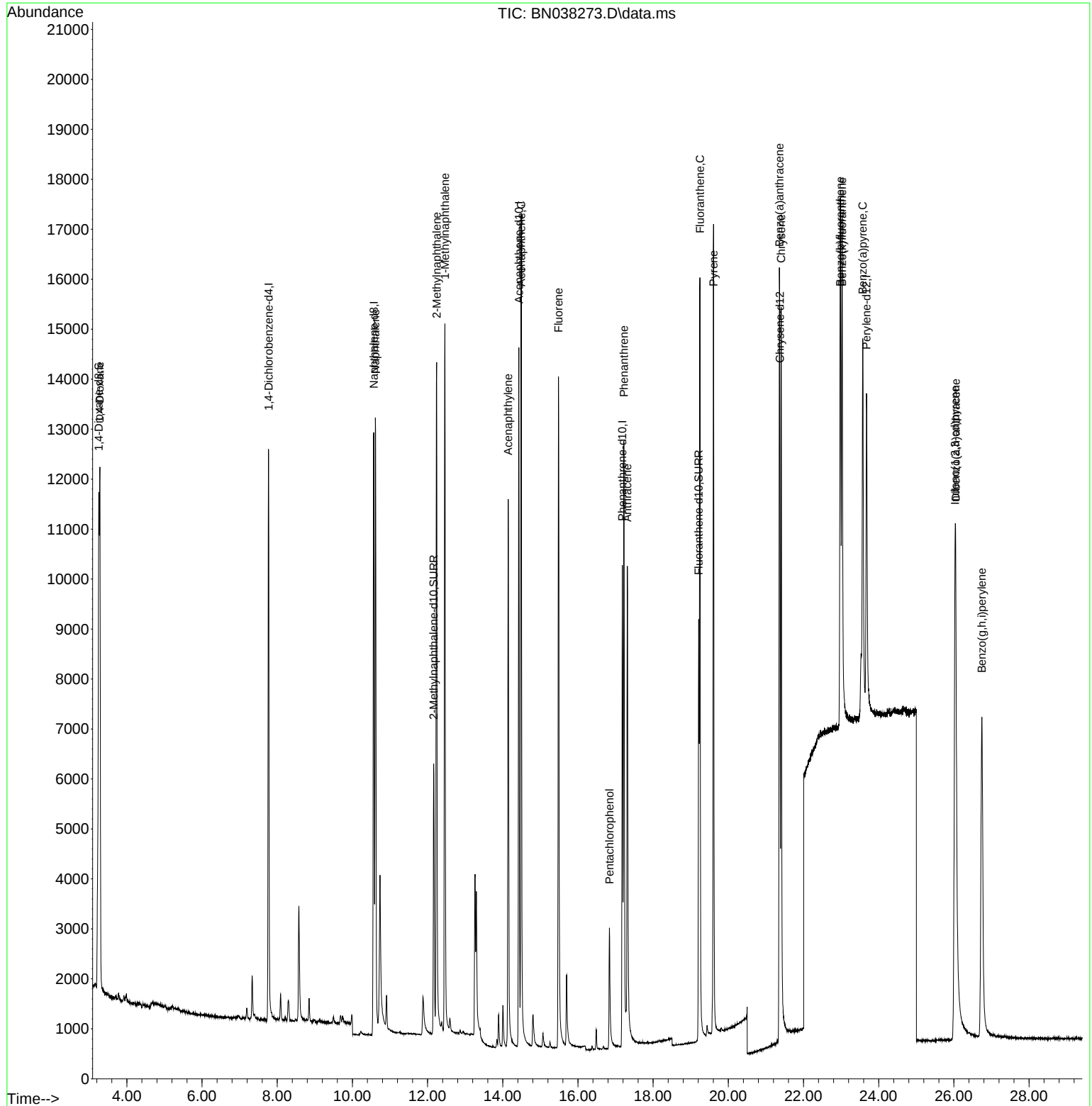
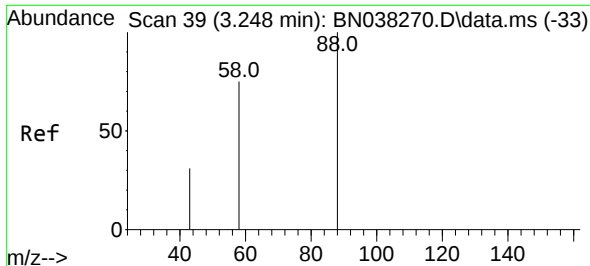


Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120525\
Data File : BN038273.D
Acq On : 05 Dec 2025 13:54
Operator : RC/JU
Sample : PB170720BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

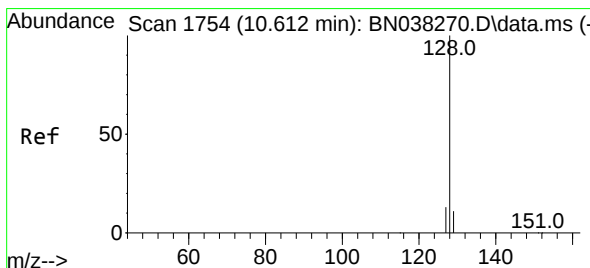
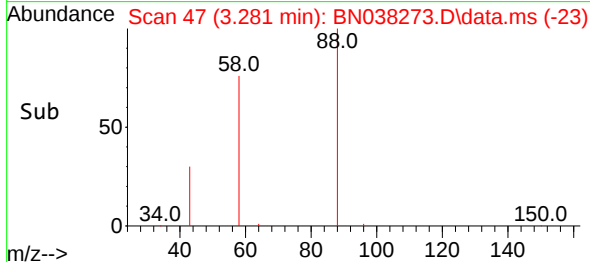
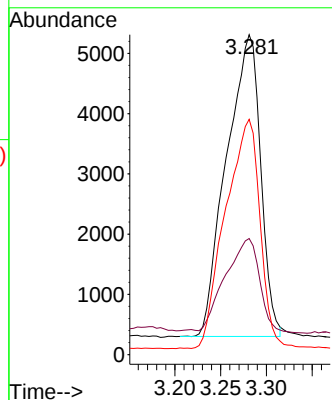
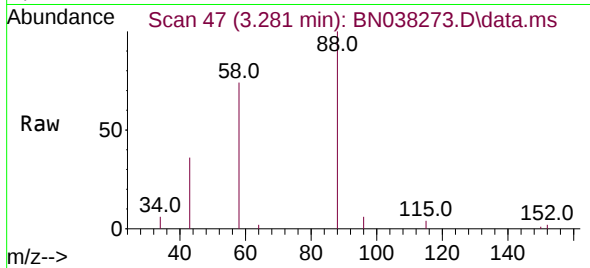




#2
1,4-Dioxane
Concen: 1.804 ng/ul
RT: 3.281 min Scan# 47
Delta R.T. 0.029 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

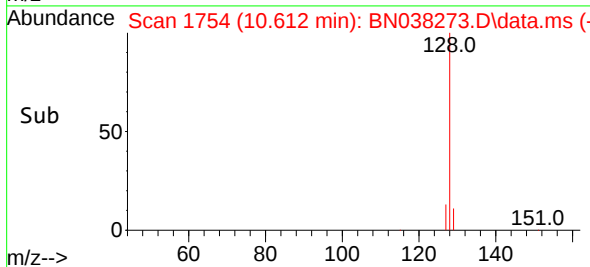
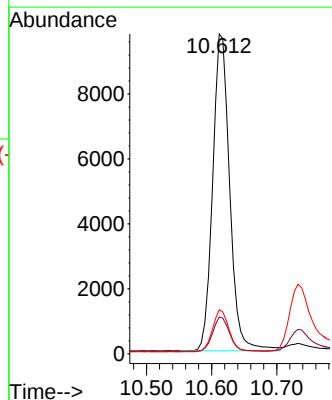
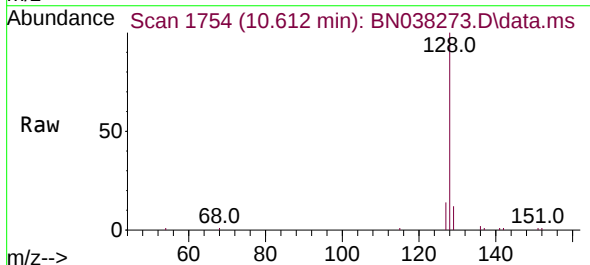
Instrument :
BNA_N
ClientSampled :
SLCS720

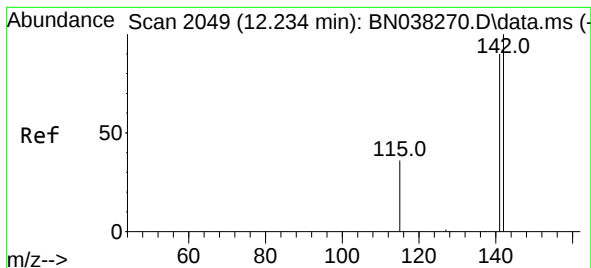
Tgt Ion:	88	Resp:	12927
Ion	Ratio	Lower	Upper
88	100		
43	36.3	27.5	41.3
58	73.5	50.5	75.7



#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

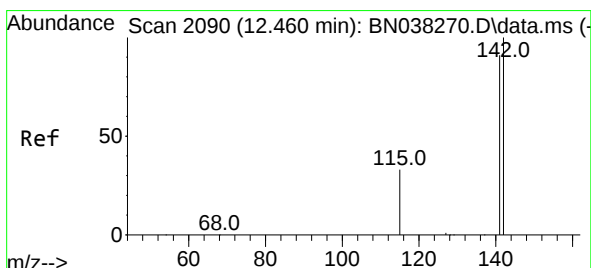
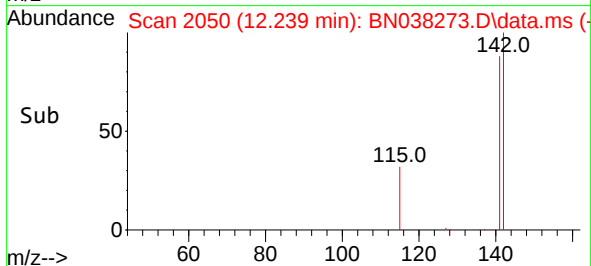
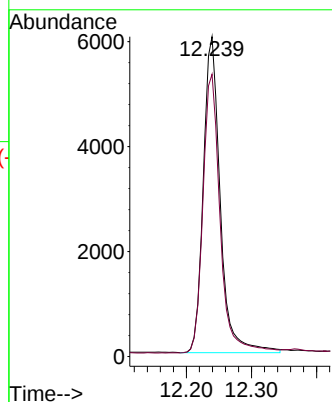
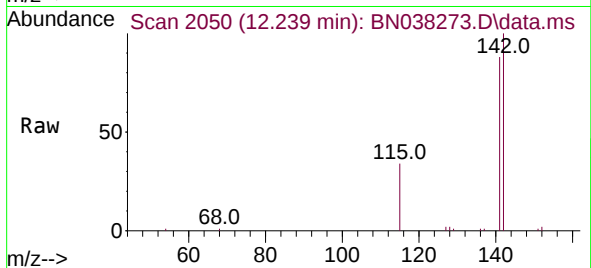




#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.239 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

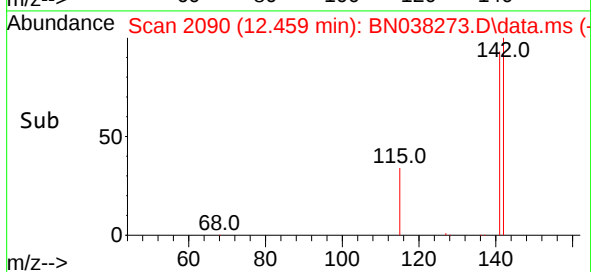
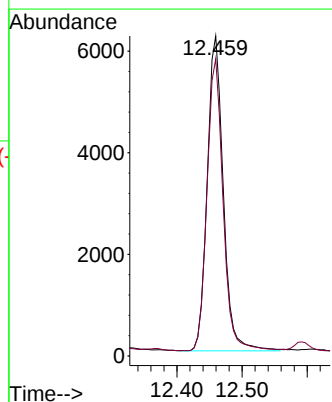
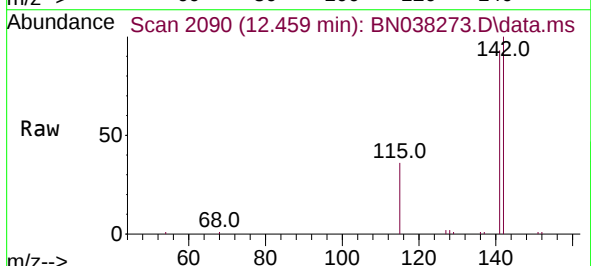
Instrument :
BNA_N
ClientSampled :
SLCS720

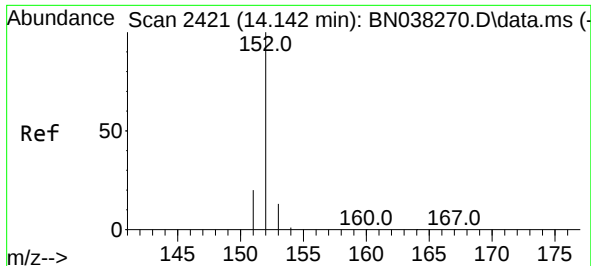
Tgt Ion:142 Resp: 10897
Ion Ratio Lower Upper
142 100
141 89.4 71.7 107.5



#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

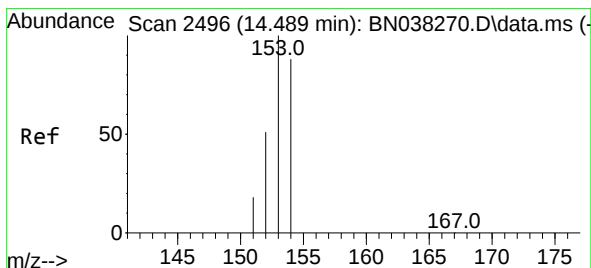
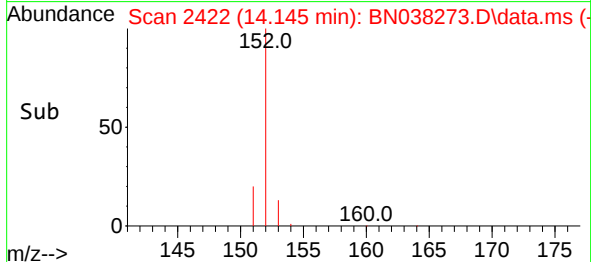
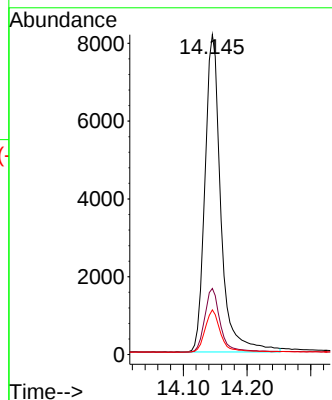
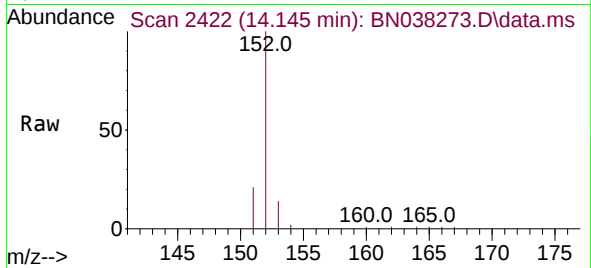




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.145 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

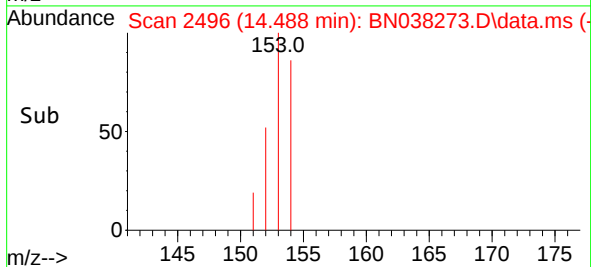
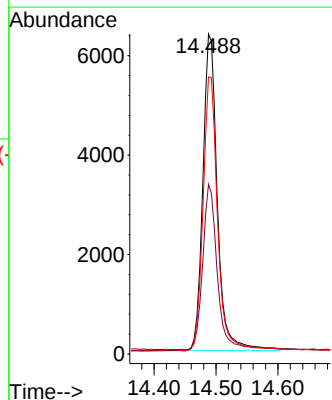
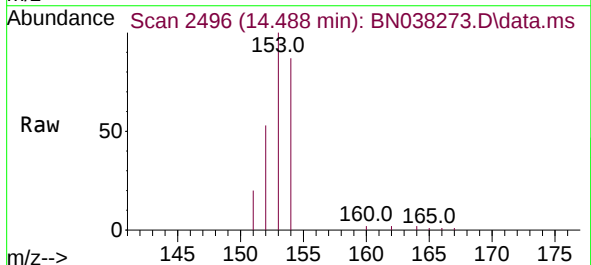
Instrument :
BNA_N
ClientSampleId :
SLCS720

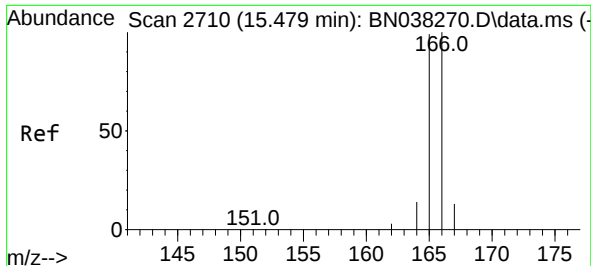
Tgt Ion:	152	Resp:	14162
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.0	24.0
153	14.0	10.7	16.1



#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

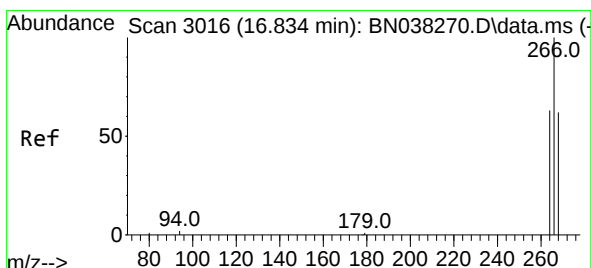
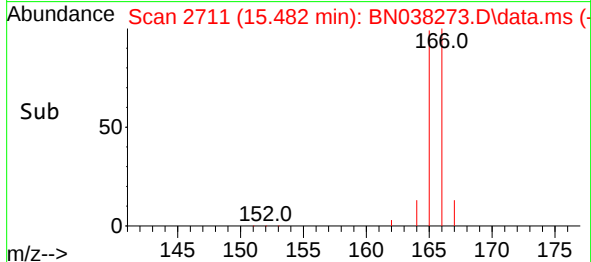
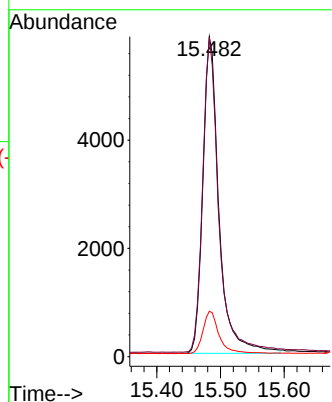
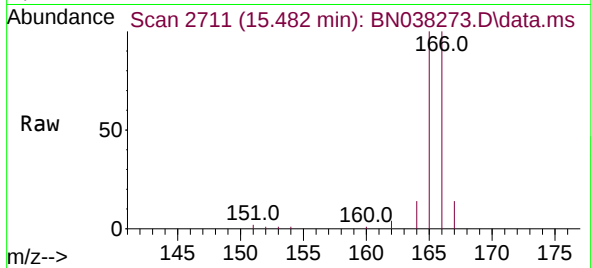




#12
Fluorene
Concen: 0.341 ng/ul
RT: 15.482 min Scan# 2711
Delta R.T. -0.006 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

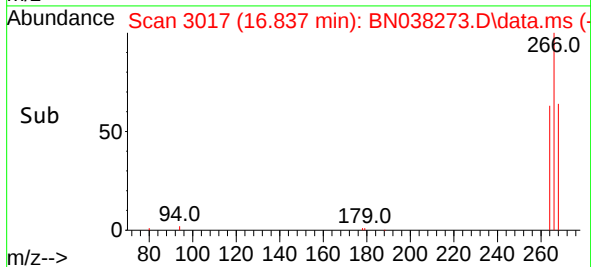
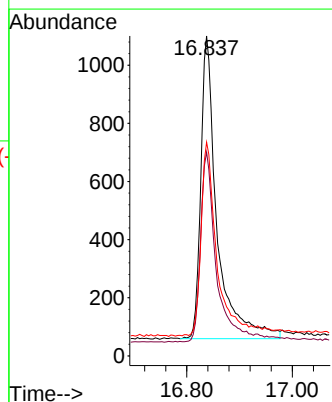
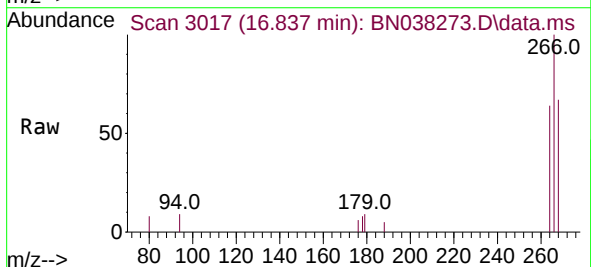
Instrument :
BNA_N
ClientSampleId :
SLCS720

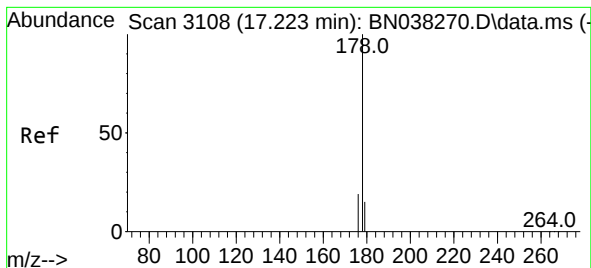
Tgt Ion:	166	Resp:	10326
Ion Ratio	Lower	Upper	
166	100		
165	99.7	78.1	117.1
167	14.2	11.0	16.4



#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/uI

RT: 17.222 min Scan# 3108

Delta R.T. -0.009 min

Lab File: BN038273.D

Acq: 05 Dec 2025 13:54

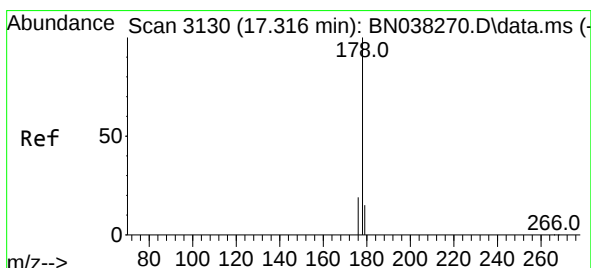
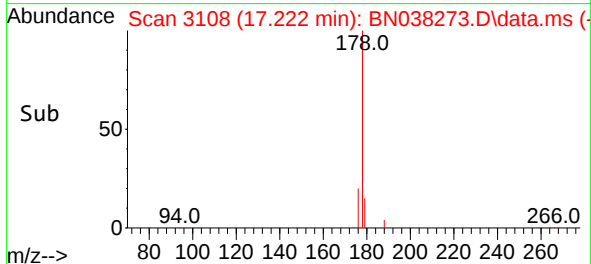
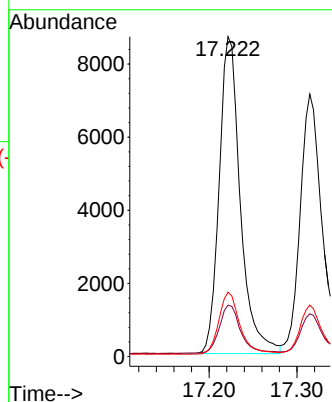
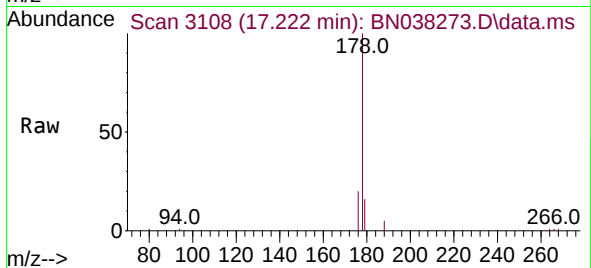
Instrument :

BNA_N

ClientSampleId :

SLCS720

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/uI

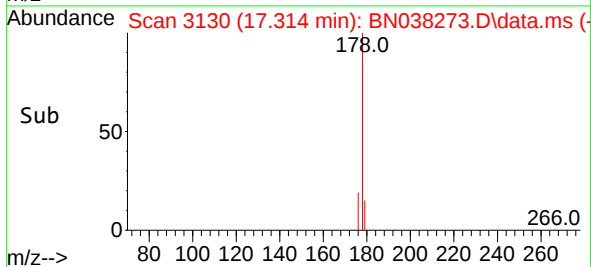
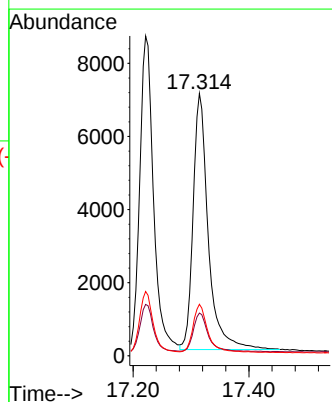
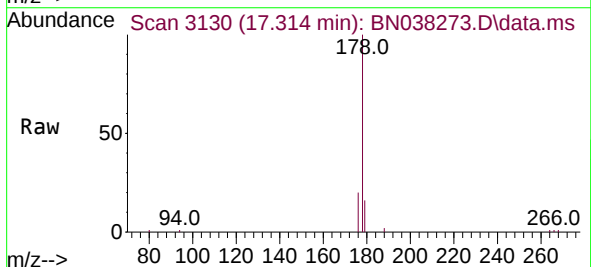
RT: 17.314 min Scan# 3130

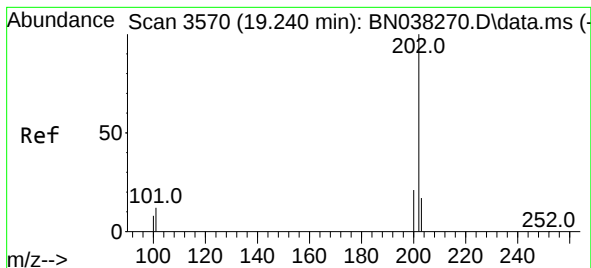
Delta R.T. -0.009 min

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

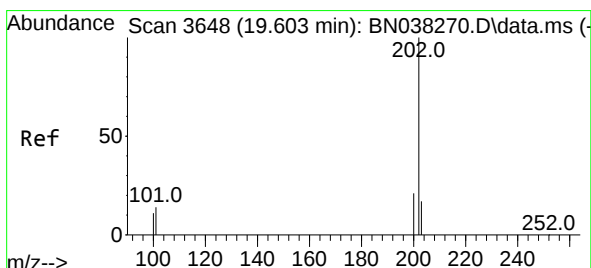
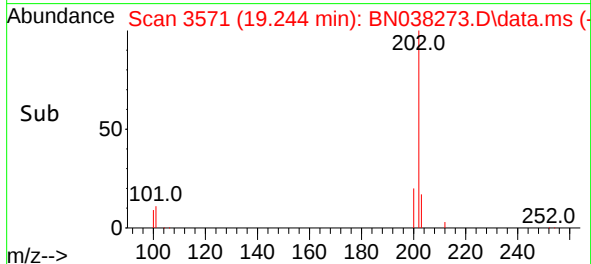
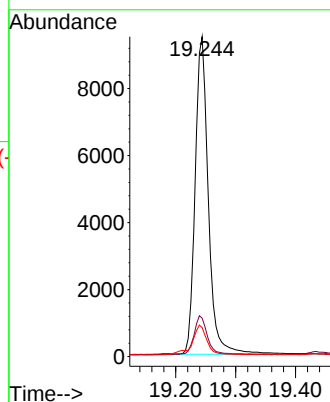
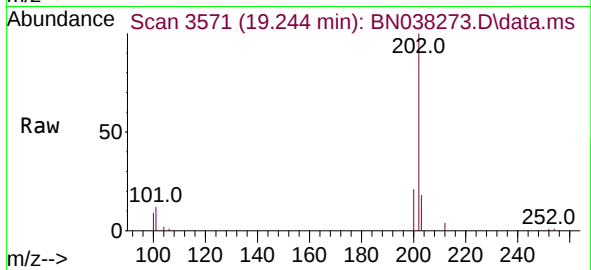




#19
Fluoranthene
Concen: 0.294 ng/ul
RT: 19.244 min Scan# 3571
Delta R.T. -0.006 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

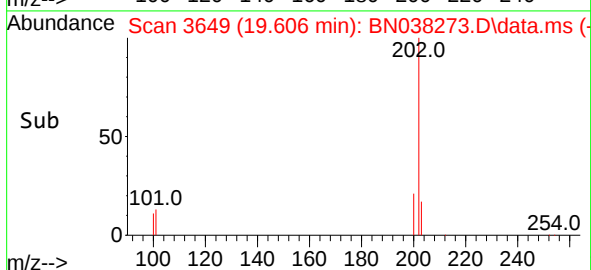
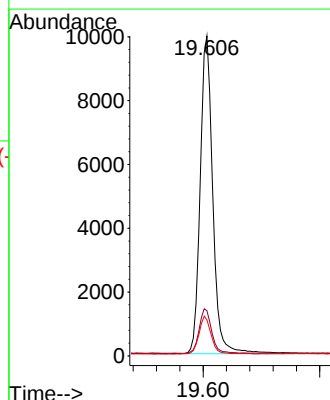
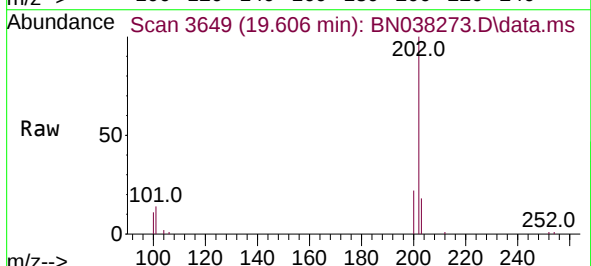
Instrument :
BNA_N
ClientSampleId :
SLCS720

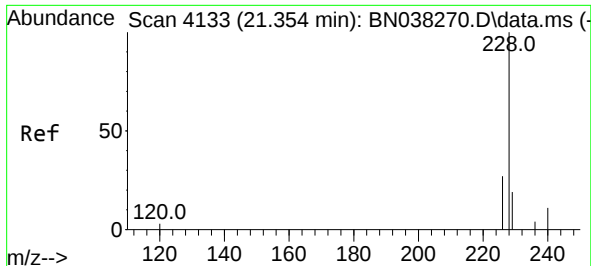
Tgt Ion:202 Resp: 14497
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 9.1 7.2 10.8



#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

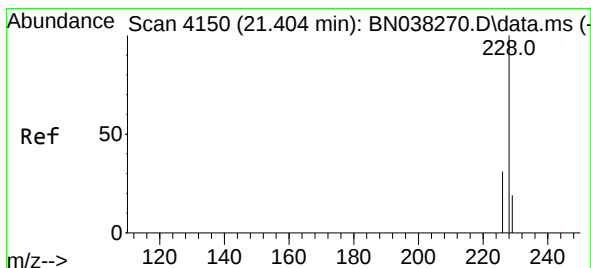
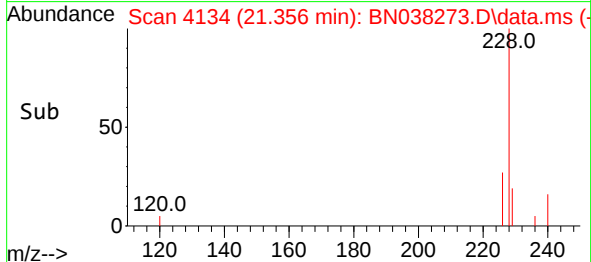
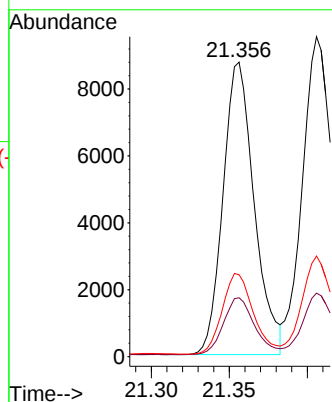
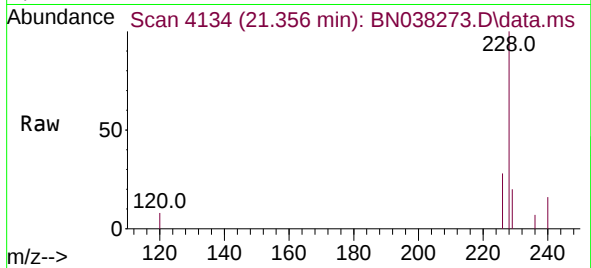




#21
Benzo(a)anthracene
Concen: 0.396 ng/ul
RT: 21.356 min Scan# 4134
Delta R.T. -0.001 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

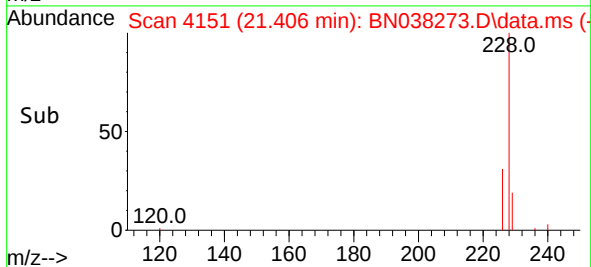
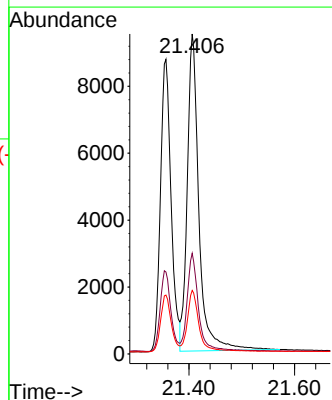
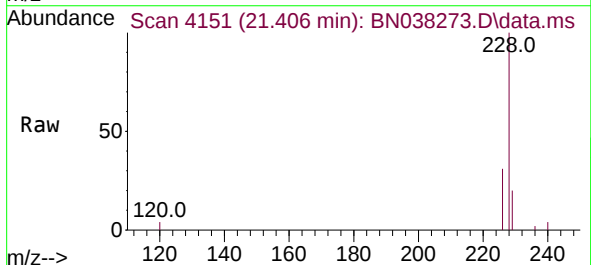
Instrument :
BNA_N
ClientSampleId :
SLCS720

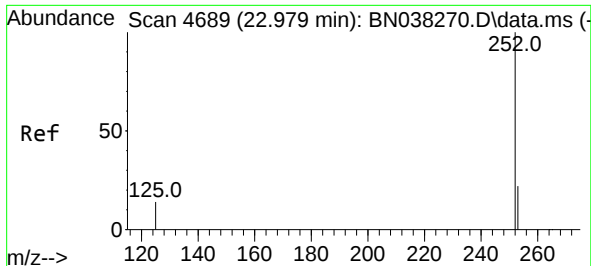
Tgt Ion:228	Resp:	12204
Ion Ratio	Lower	Upper
228	100	
229	20.0	15.6 23.4
226	27.8	22.4 33.6



#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

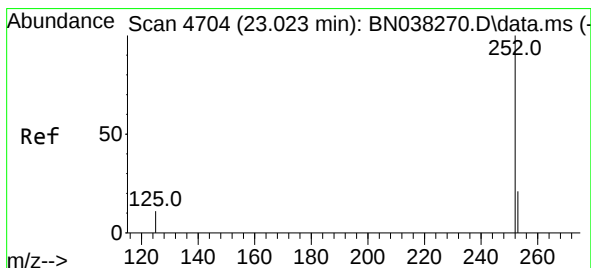
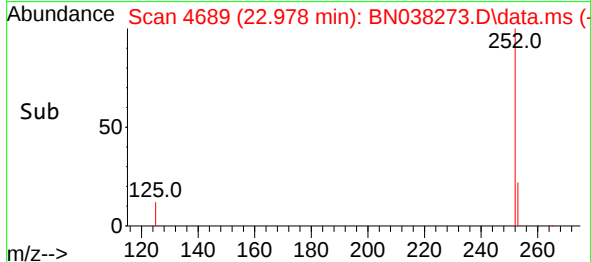
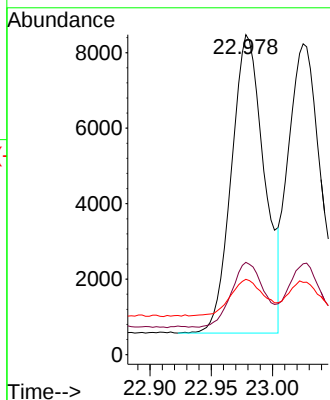
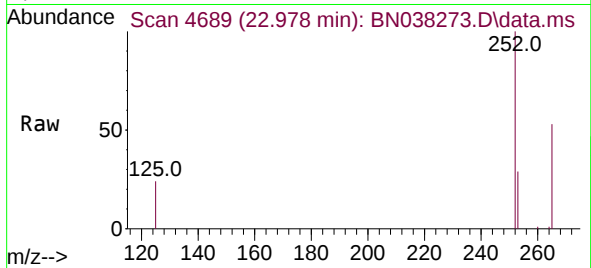




#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 22.978 min Scan# 4689
Delta R.T. -0.004 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

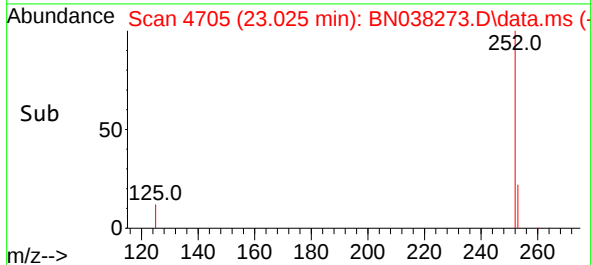
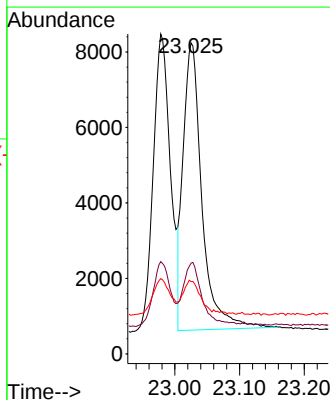
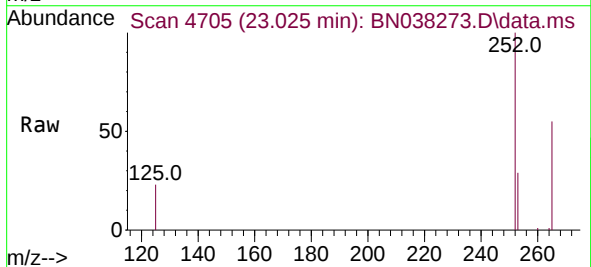
Instrument :
BNA_N
ClientSampleId :
SLCS720

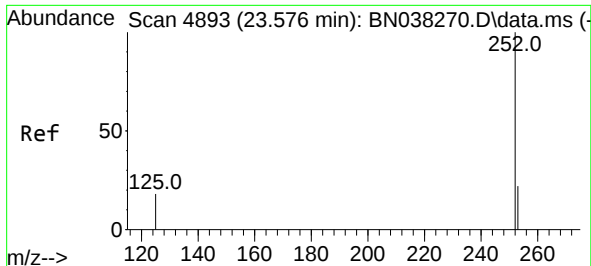
Tgt Ion:252 Resp: 14728
Ion Ratio Lower Upper
252 100
253 28.8 0.0 55.8
125 23.5 0.0 45.6



#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

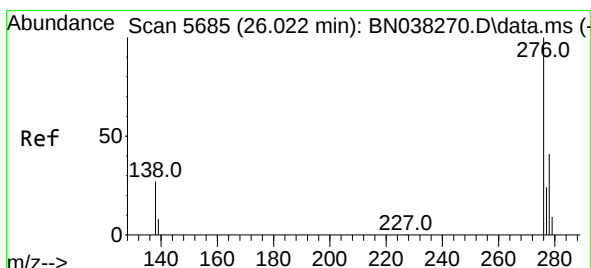
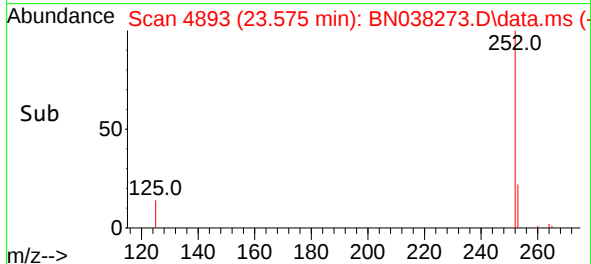
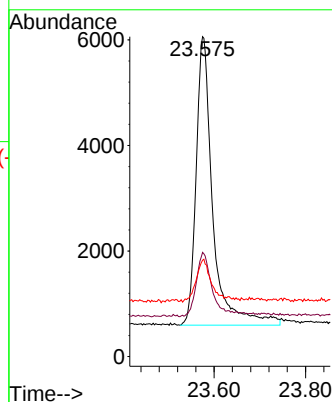
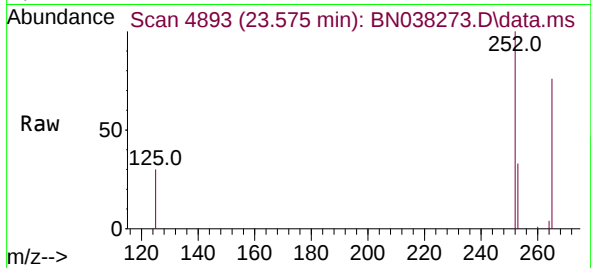




#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.575 min Scan# 4893
Delta R.T. -0.007 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

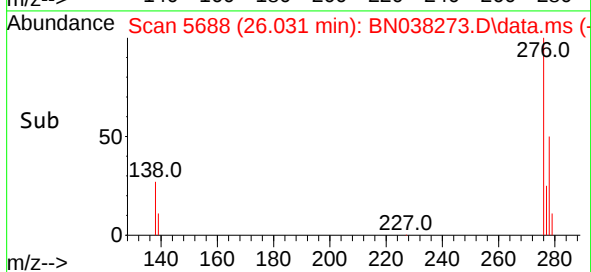
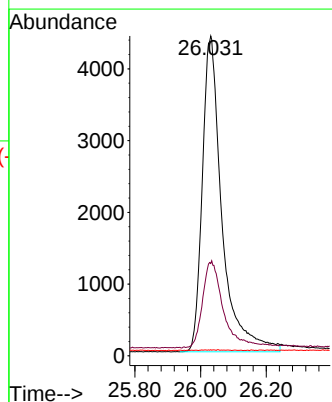
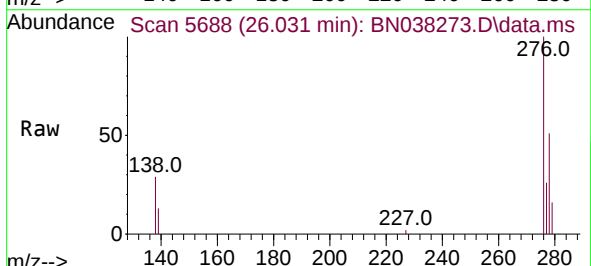
Instrument :
BNA_N
ClientSampleId :
SLCS720

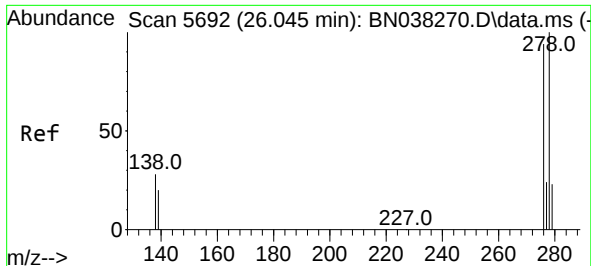
Tgt Ion:	252	Resp:	13800
Ion Ratio	Lower	Upper	
252	100		
253	32.6	25.9	38.9
125	30.1	24.6	37.0



#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

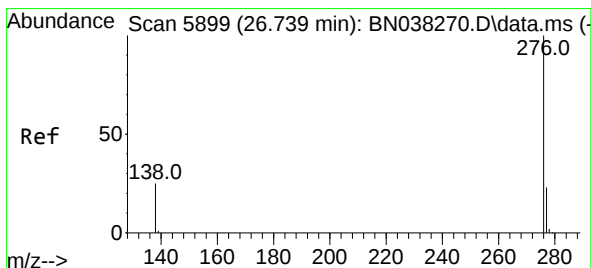
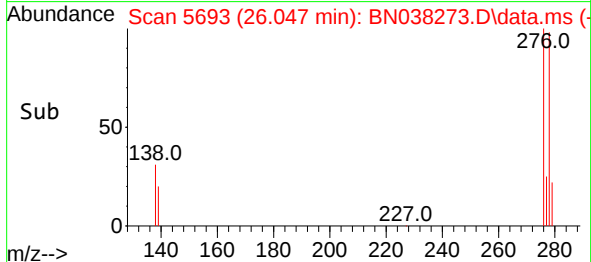
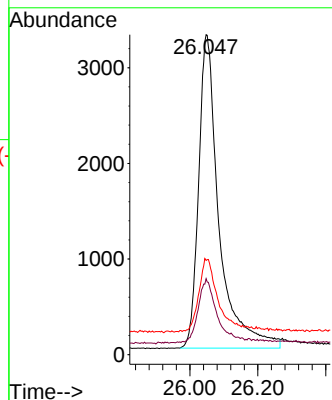
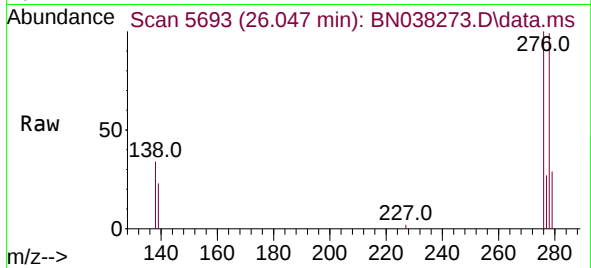




#28
Dibenzo(a,h)anthracene
Concen: 0.478 ng/ul
RT: 26.047 min Scan# 5693
Delta R.T. -0.008 min
Lab File: BN038273.D
Acq: 05 Dec 2025 13:54

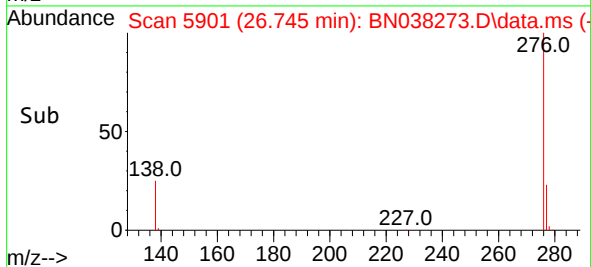
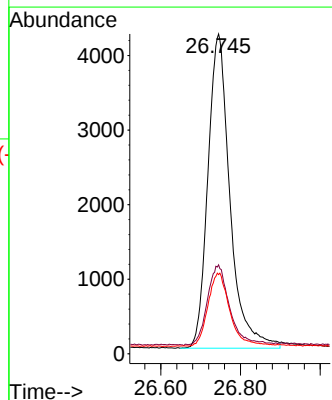
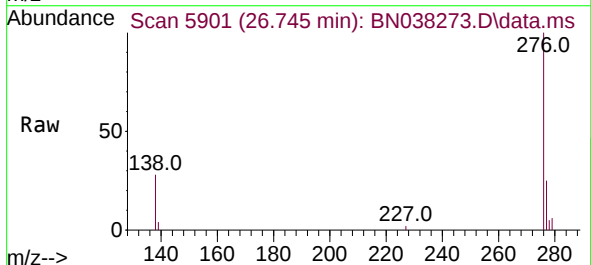
Instrument :
BNA_N
ClientSampleId :
SLCS720

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



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