

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036065.D
 Acq On : 28 Jan 2025 08:50
 Operator : RC/JU
 Sample : PB166243BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS243

Quant Time: Jan 28 09:52:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

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

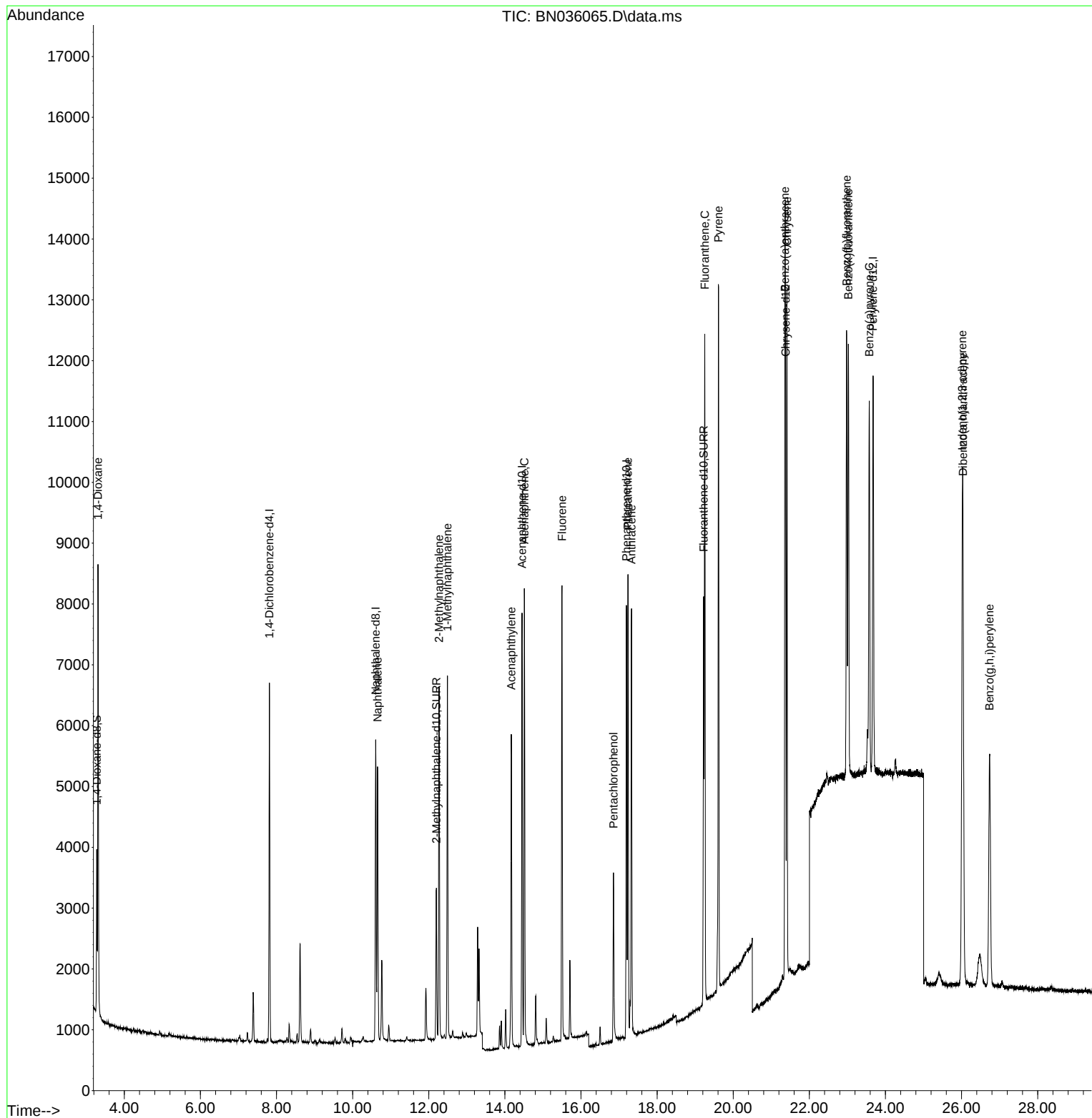
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2849	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	6501	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	3954	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	8427	0.400	ng/ul	0.00
17) Chrysene-d12	21.377	240	7771	0.400	ng/ul	# 0.00
23) Perylene-d12	23.674	264	8546	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	1501	0.481	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	3222	0.393	ng/ul	0.00
18) Fluoranthene-d10	19.221	212	7642	0.358	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	4337	1.302	ng/ul	91
5) Naphthalene	10.655	128	5924	0.331	ng/ul	99
7) 2-Methylnaphthalene	12.271	142	3922	0.353	ng/ul	99
8) 1-Methylnaphthalene	12.491	142	3956	0.350	ng/ul	100
10) Acenaphthylene	14.169	152	5777	0.310	ng/ul	99
11) Acenaphthene	14.511	153	4377	0.319	ng/ul	97
12) Fluorene	15.501	166	4853	0.320	ng/ul	99
14) Pentachlorophenol	16.854	266	1973	0.668	ng/ul	99
15) Phenanthrene	17.234	178	7861	0.319	ng/ul	99
16) Anthracene	17.327	178	7394	0.322	ng/ul	98
19) Fluoranthene	19.253	202	9331	0.316	ng/ul	100
20) Pyrene	19.616	202	9958	0.323	ng/ul	99
21) Benzo(a)anthracene	21.359	228	9481	0.342	ng/ul	96
22) Chrysene	21.412	228	9199	0.325	ng/ul	94
24) Benzo(b)fluoranthene	22.978	252	9341	0.328	ng/ul	84
25) Benzo(k)fluoranthene	23.025	252	9608	0.320	ng/ul#	83
26) Benzo(a)pyrene	23.575	252	8518	0.331	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.021	276	10738	0.315	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.037	278	8446	0.322	ng/ul#	87
29) Benzo(g,h,i)perylene	26.735	276	8369	0.316	ng/ul	95

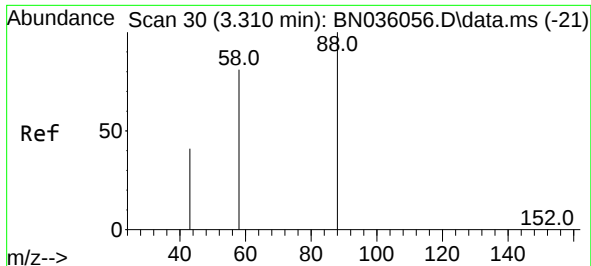
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

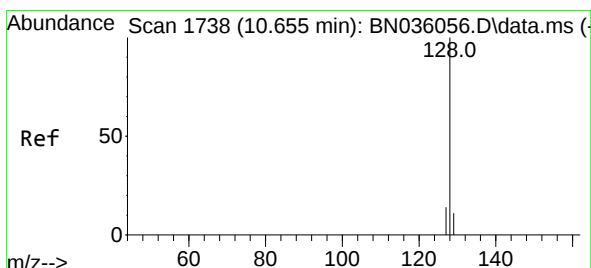
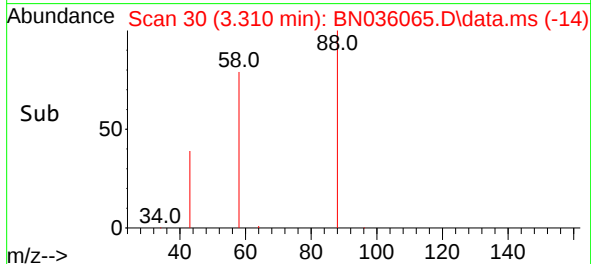
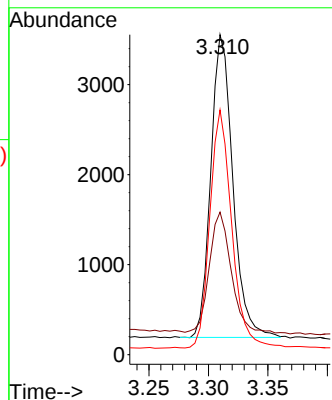
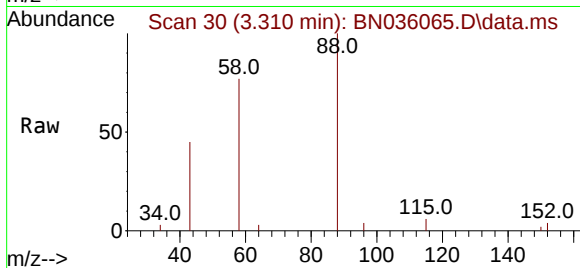




#2
 1,4-Dioxane
 Concen: 1.302 ng/ul
 RT: 3.310 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BN036065.D
 Acq: 28 Jan 2025 08:50

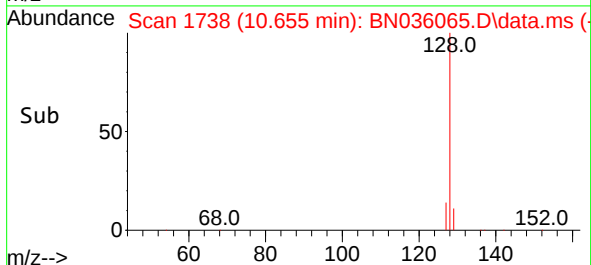
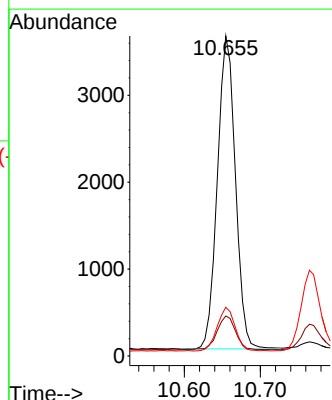
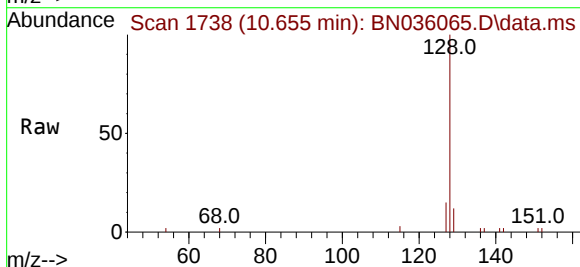
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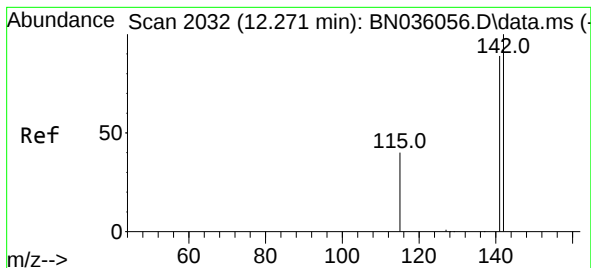
Tgt Ion: 88 Resp: 4337
 Ion Ratio Lower Upper
 88 100
 43 44.5 40.7 61.1
 58 76.5 55.2 82.8



#5
 Naphthalene
 Concen: 0.331 ng/ul
 RT: 10.655 min Scan# 1738
 Delta R.T. -0.000 min
 Lab File: BN036065.D
 Acq: 28 Jan 2025 08:50

Tgt Ion: 128 Resp: 5924
 Ion Ratio Lower Upper
 128 100
 129 12.5 9.6 14.4
 127 15.2 12.0 18.0

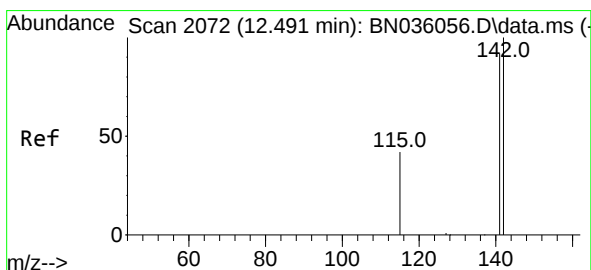
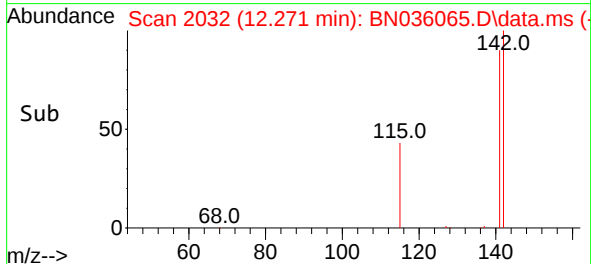
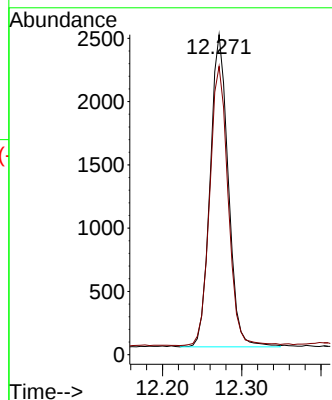
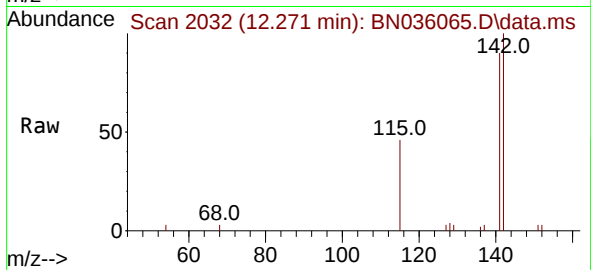




#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.271 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BN036065.D
Acq: 28 Jan 2025 08:50

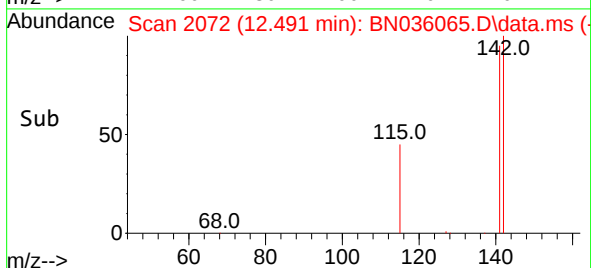
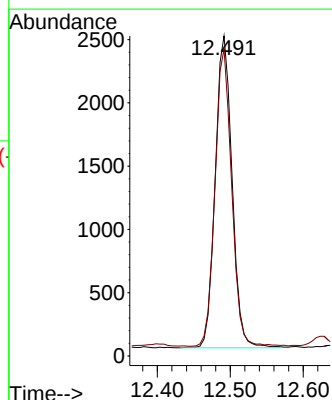
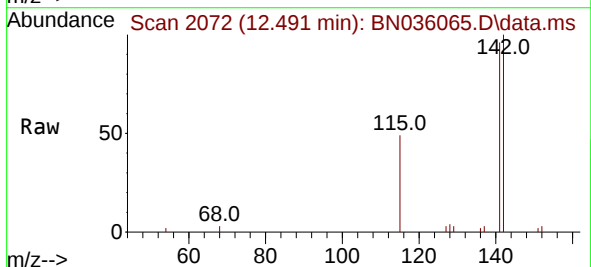
Instrument :
BNA_N
ClientSampleId :
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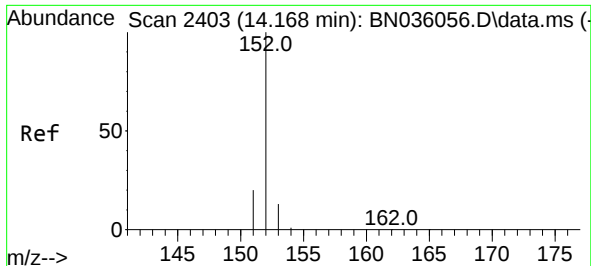
Tgt Ion:142 Resp: 3922
Ion Ratio Lower Upper
142 100
141 90.6 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BN036065.D
Acq: 28 Jan 2025 08:50

Tgt Ion:142 Resp: 3956
Ion Ratio Lower Upper
142 100
141 94.0 75.2 112.8

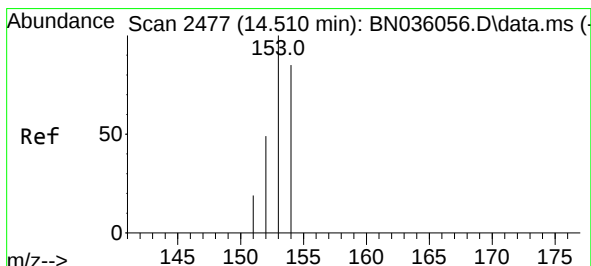
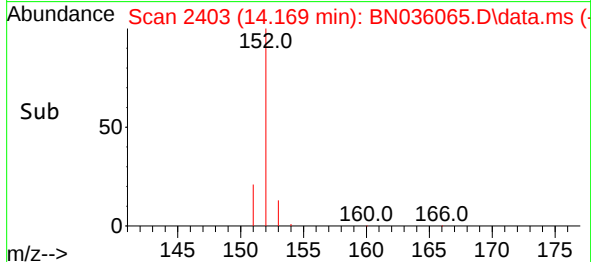
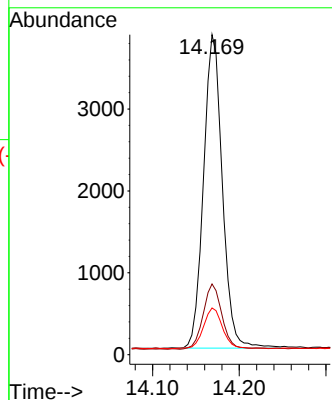
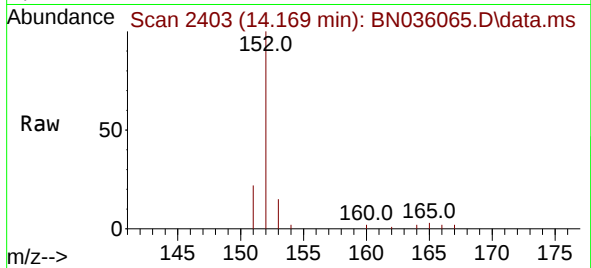




#10
Acenaphthylene
Concen: 0.310 ng/ul
RT: 14.169 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BN036065.D
Acq: 28 Jan 2025 08:50

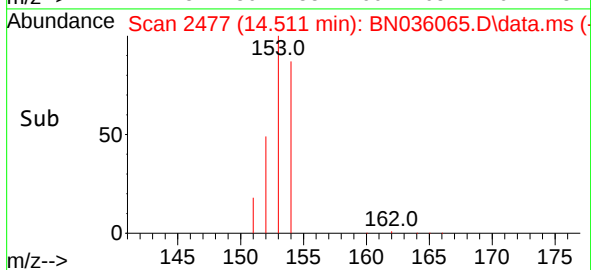
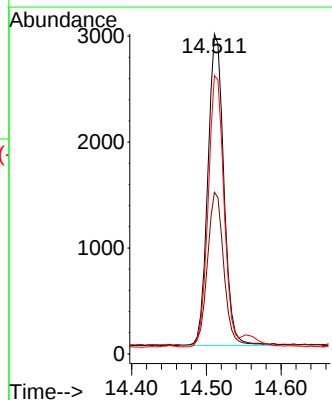
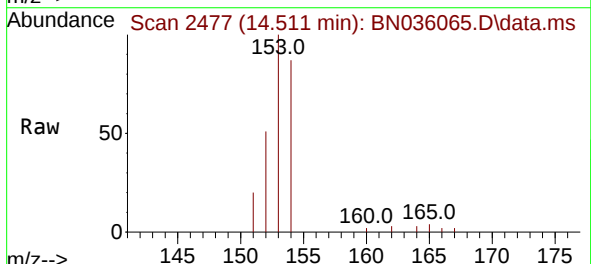
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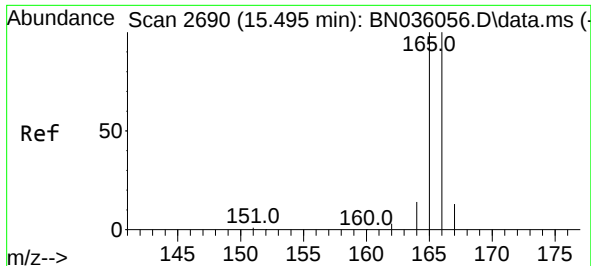
Tgt Ion:152 Resp: 5777
Ion Ratio Lower Upper
152 100
151 22.1 17.4 26.2
153 14.6 11.9 17.9



#11
Acenaphthene
Concen: 0.319 ng/ul
RT: 14.511 min Scan# 2477
Delta R.T. -0.004 min
Lab File: BN036065.D
Acq: 28 Jan 2025 08:50

Tgt Ion:153 Resp: 4377
Ion Ratio Lower Upper
153 100
152 50.5 43.2 64.8
154 87.0 70.5 105.7

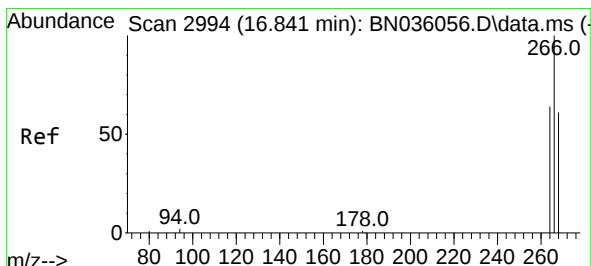
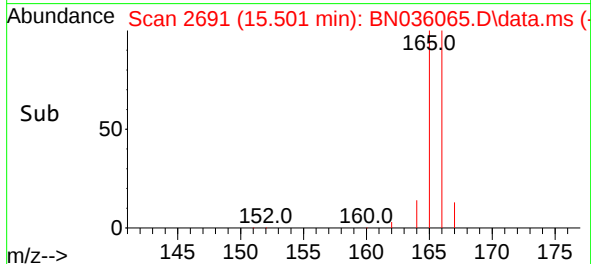
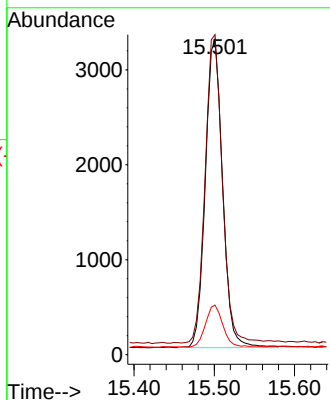
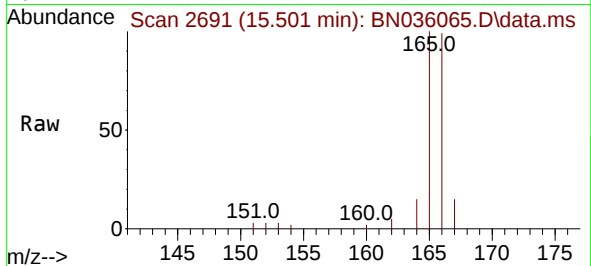




#12
 Fluorene
 Concen: 0.320 ng/ul
 RT: 15.501 min Scan# 2097
 Delta R.T. 0.001 min
 Lab File: BN036065.D
 Acq: 28 Jan 2025 08:50

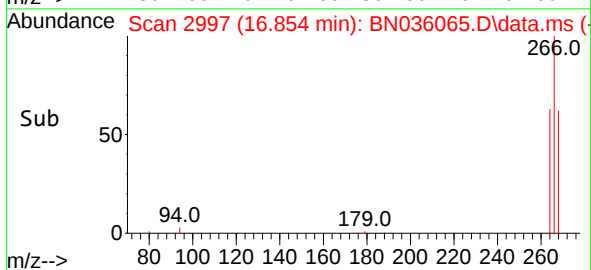
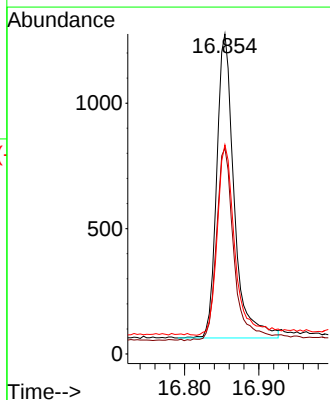
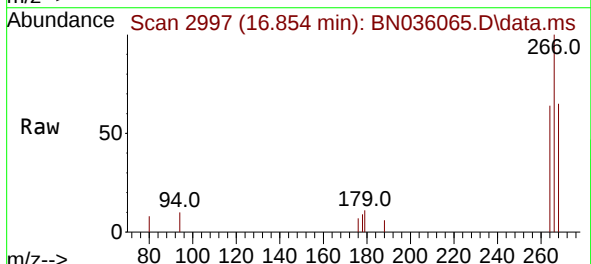
Instrument :
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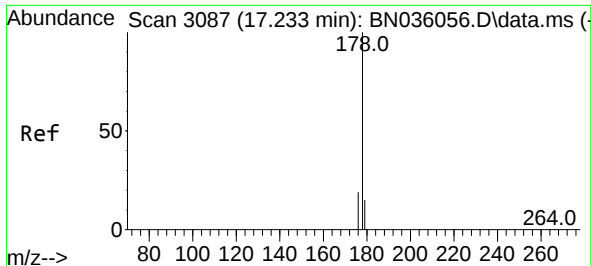
Tgt Ion:	166	Resp:	4853
Ion	Ratio	Lower	Upper
166	100		
165	101.4	80.3	120.5
167	15.7	12.3	18.5



#14
 Pentachlorophenol
 Concen: 0.668 ng/ul
 RT: 16.854 min Scan# 2997
 Delta R.T. 0.014 min
 Lab File: BN036065.D
 Acq: 28 Jan 2025 08:50

Tgt Ion:	266	Resp:	1973
Ion	Ratio	Lower	Upper
266	100		
264	64.3	50.6	75.8
268	63.5	50.6	75.8

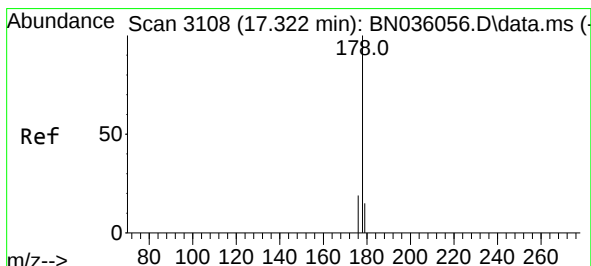
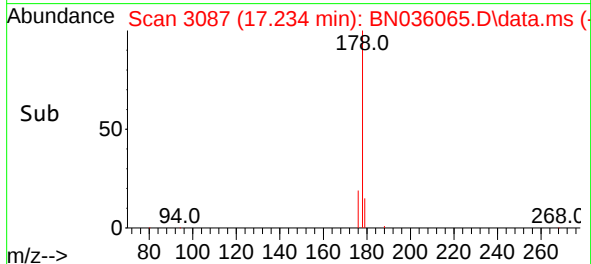
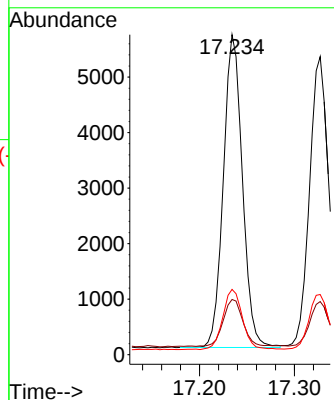
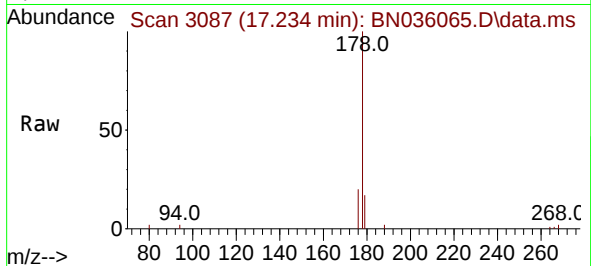




#15
Phenanthrene
Concen: 0.319 ng/ul
RT: 17.234 min Scan# 3087
Delta R.T. 0.001 min
Lab File: BN036065.D
Acq: 28 Jan 2025 08:50

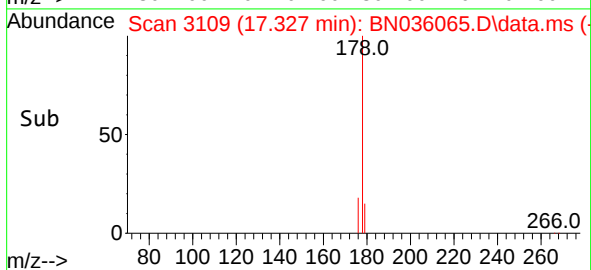
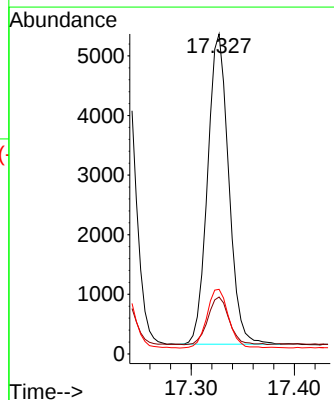
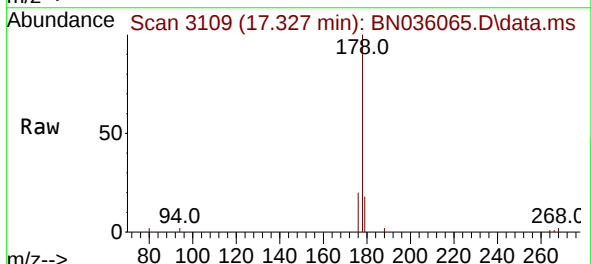
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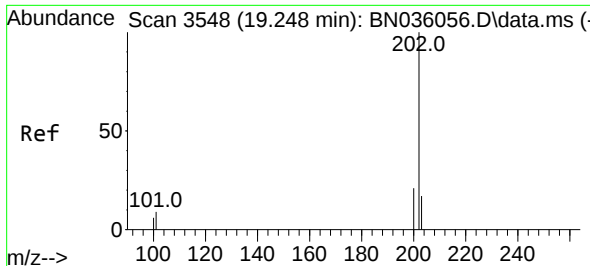
Tgt Ion:	178	Resp:	7861
Ion Ratio	Lower	Upper	
178	100		
179	17.2	13.2	19.8
176	20.4	16.8	25.2



#16
Anthracene
Concen: 0.322 ng/ul
RT: 17.327 min Scan# 3109
Delta R.T. 0.005 min
Lab File: BN036065.D
Acq: 28 Jan 2025 08:50

Tgt Ion:	178	Resp:	7394
Ion Ratio	Lower	Upper	
178	100		
179	17.8	13.0	19.4
176	20.2	15.9	23.9

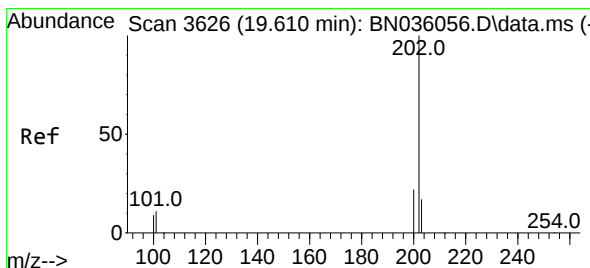
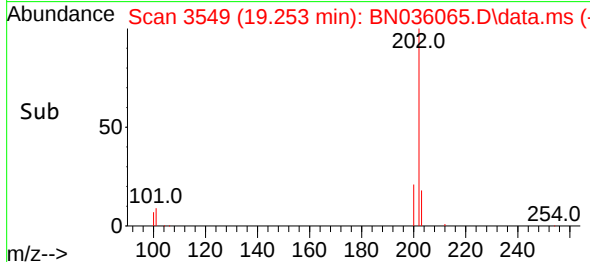
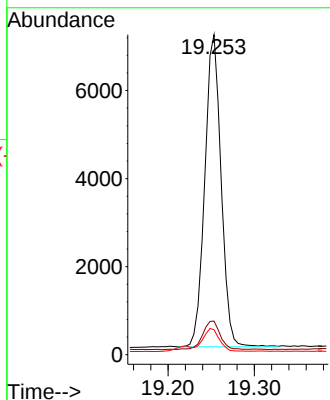
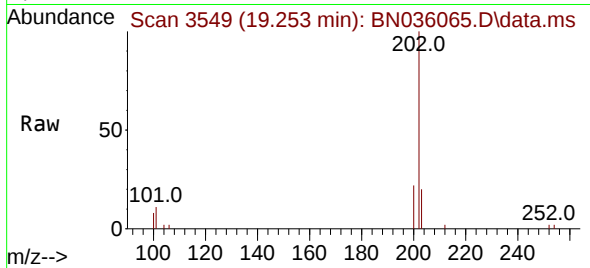




#19
Fluoranthene
Concen: 0.316 ng/ul
RT: 19.253 min Scan# 3549
Delta R.T. 0.006 min
Lab File: BN036065.D
Acq: 28 Jan 2025 08:50

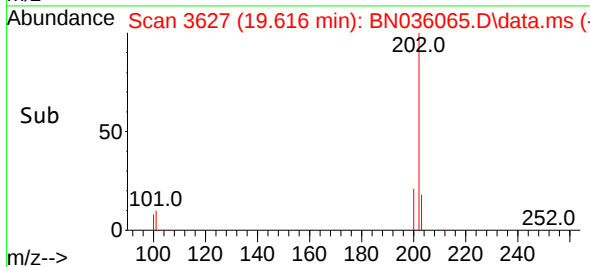
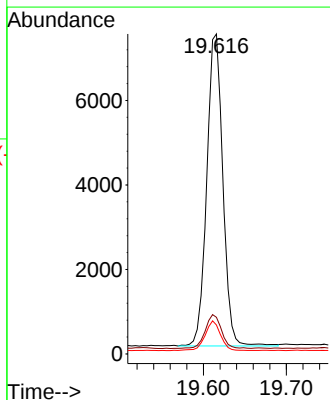
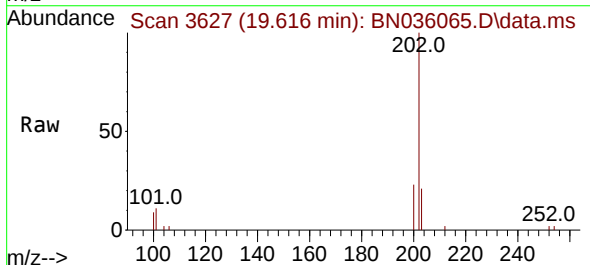
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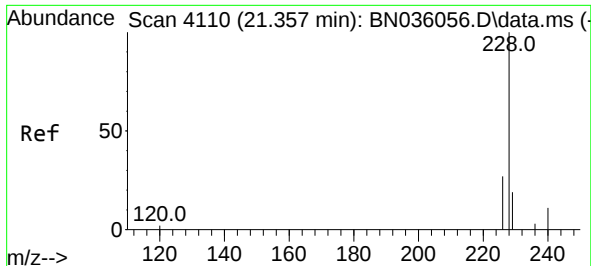
Tgt Ion:202 Resp: 9331
Ion Ratio Lower Upper
202 100
101 10.5 8.4 12.6
100 7.8 6.5 9.7



#20
Pyrene
Concen: 0.323 ng/ul
RT: 19.616 min Scan# 3627
Delta R.T. 0.006 min
Lab File: BN036065.D
Acq: 28 Jan 2025 08:50

Tgt Ion:202 Resp: 9958
Ion Ratio Lower Upper
202 100
101 11.5 9.3 13.9
100 9.1 7.5 11.3

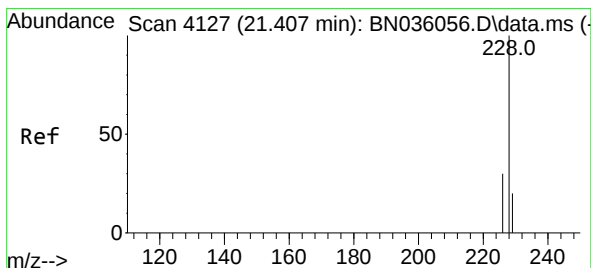
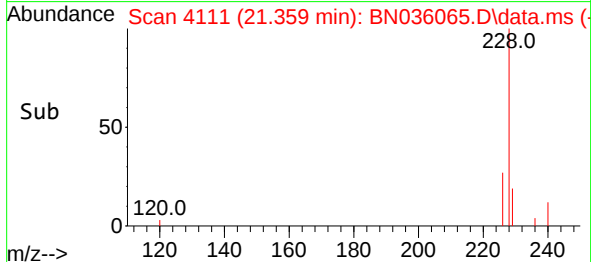
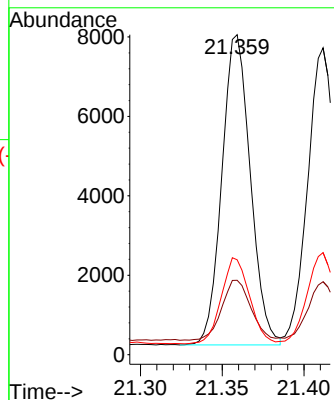
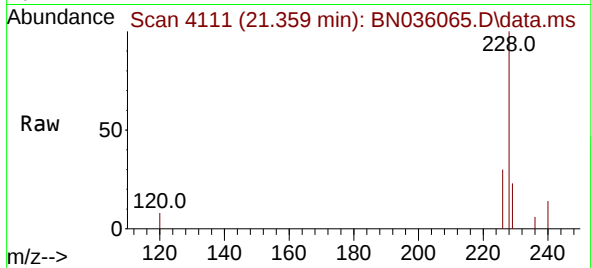




#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.359 min Scan# 4111
Delta R.T. 0.005 min
Lab File: BN036065.D
Acq: 28 Jan 2025 08:50

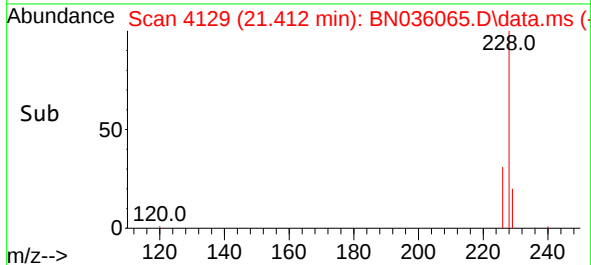
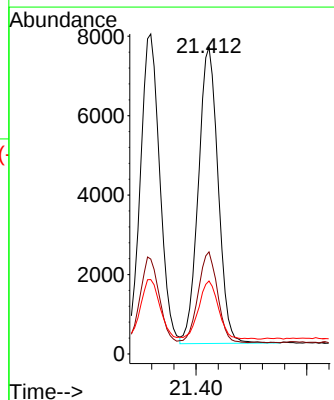
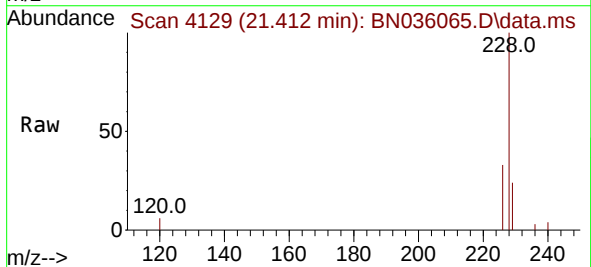
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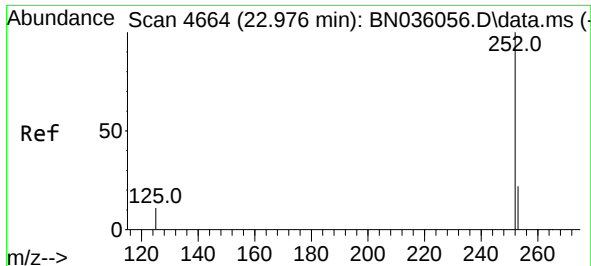
Tgt Ion:	228	Resp:	9481
Ion Ratio	Lower	Upper	
228	100		
229	23.3	15.9	23.9
226	29.6	22.8	34.2



#22
Chrysene
Concen: 0.325 ng/ul
RT: 21.412 min Scan# 4129
Delta R.T. 0.005 min
Lab File: BN036065.D
Acq: 28 Jan 2025 08:50

Tgt Ion:	228	Resp:	9199
Ion Ratio	Lower	Upper	
228	100		
226	33.2	24.4	36.6
229	23.8	15.9	23.9

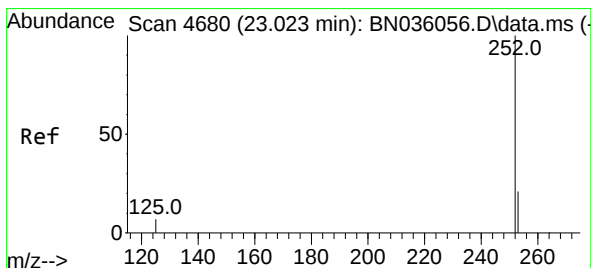
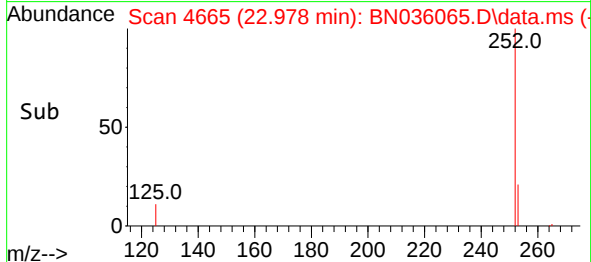
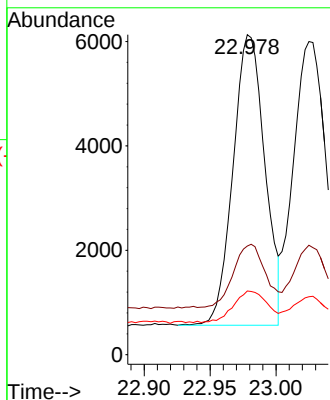
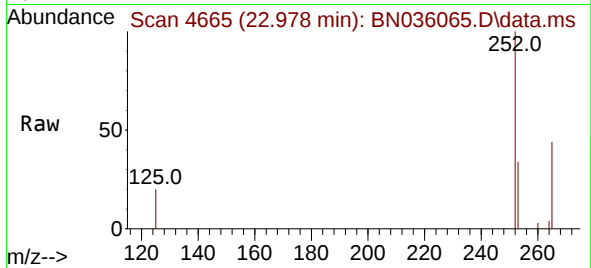




#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul
RT: 22.978 min Scan# 4665
Delta R.T. 0.005 min
Lab File: BN036065.D
Acq: 28 Jan 2025 08:50

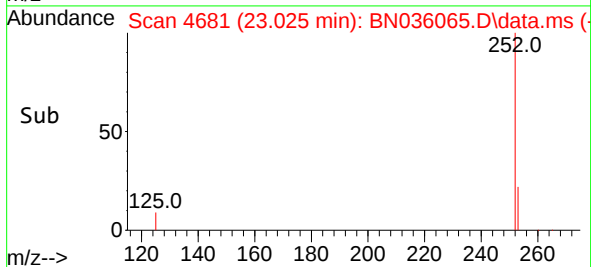
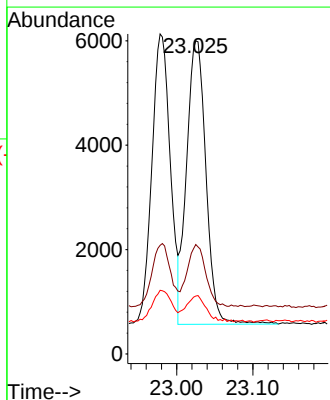
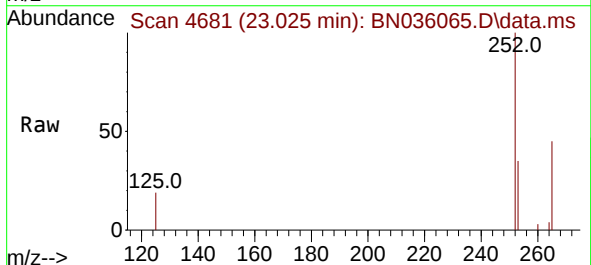
Instrument :
BNA_N
ClientSampleId :
SLCS243

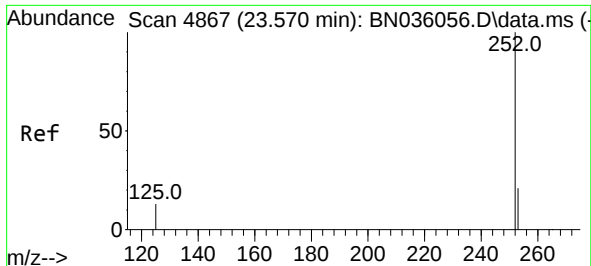
Tgt Ion:252 Resp: 9341
Ion Ratio Lower Upper
252 100
253 33.9 0.0 51.2
125 19.9 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.320 ng/ul
RT: 23.025 min Scan# 4681
Delta R.T. 0.005 min
Lab File: BN036065.D
Acq: 28 Jan 2025 08:50

Tgt Ion:252 Resp: 9608
Ion Ratio Lower Upper
252 100
253 35.0 20.2 30.4#
125 18.5 10.6 16.0#

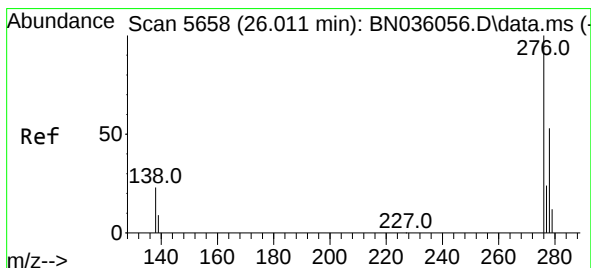
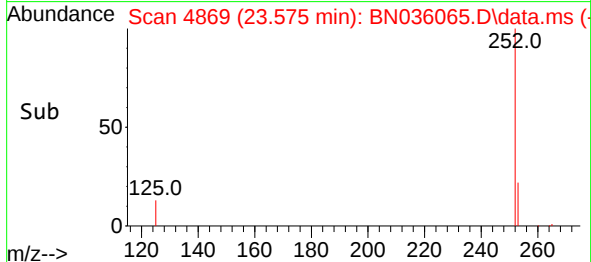
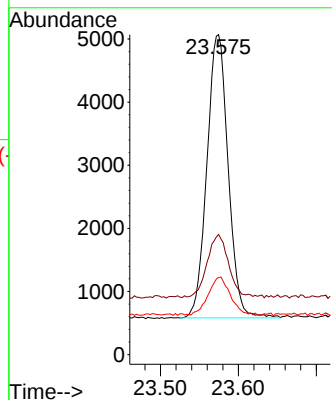
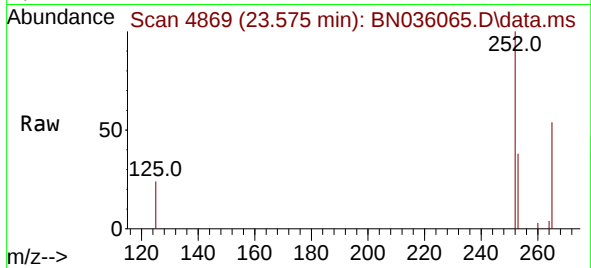




#26
Benzo(a)pyrene
Concen: 0.331 ng/ul
RT: 23.575 min Scan# 4869
Delta R.T. 0.011 min
Lab File: BN036065.D
Acq: 28 Jan 2025 08:50

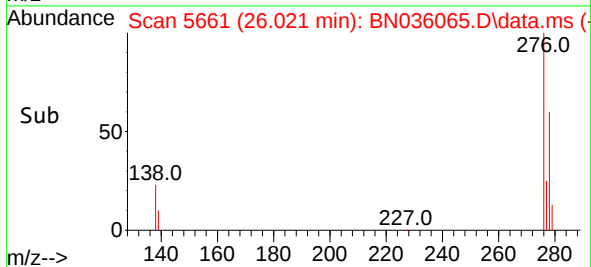
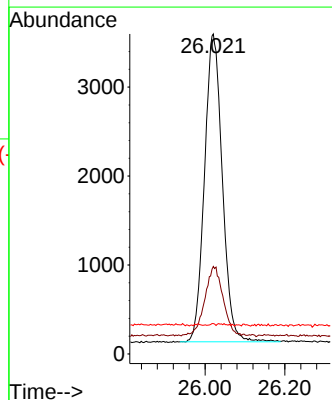
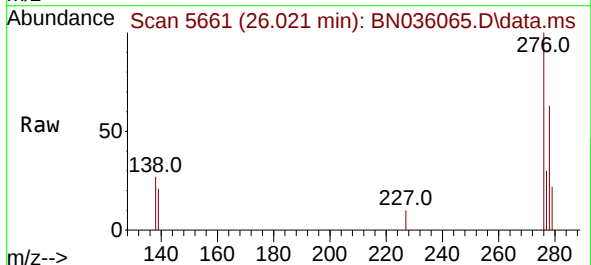
Instrument :
BNA_N
ClientSampleId :
SLCS243

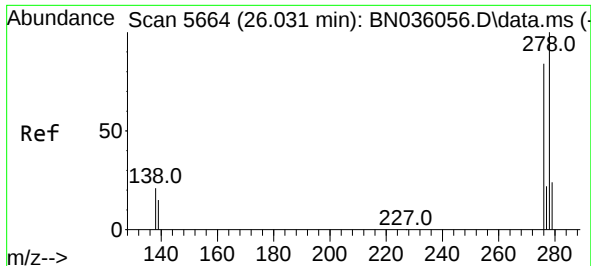
Tgt Ion:252 Resp: 8518
Ion Ratio Lower Upper
252 100
253 37.6 22.2 33.4#
125 24.1 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 26.021 min Scan# 5661
Delta R.T. 0.016 min
Lab File: BN036065.D
Acq: 28 Jan 2025 08:50

Tgt Ion:276 Resp: 10738
Ion Ratio Lower Upper
276 100
138 23.2 20.2 30.4
227 0.2 0.1 0.1#

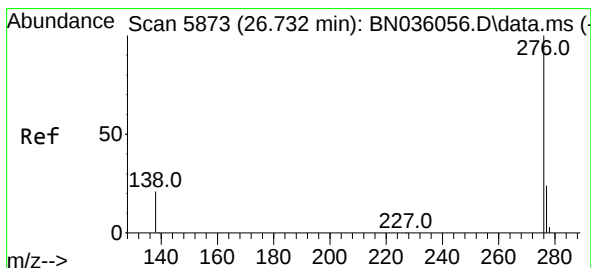
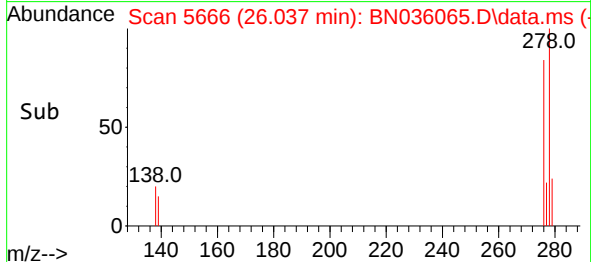
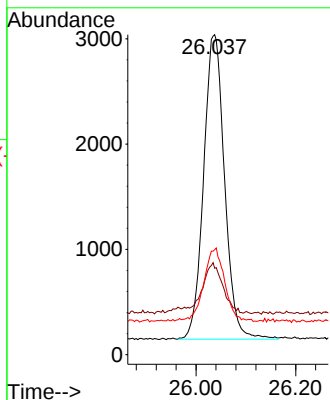
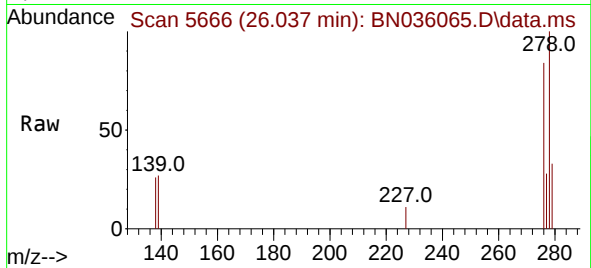




#28
 Dibenzo(a,h)anthracene
 Concen: 0.322 ng/ul
 RT: 26.037 min Scan# 5666
 Delta R.T. 0.016 min
 Lab File: BN036065.D
 Acq: 28 Jan 2025 08:50

Instrument :
 BNA_N
 ClientSampleId :
 SLCS243

Tgt Ion:278 Resp: 8446
 Ion Ratio Lower Upper
 278 100
 139 27.0 15.4 23.2#
 279 32.8 22.2 33.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.316 ng/ul
 RT: 26.735 min Scan# 5874
 Delta R.T. 0.016 min
 Lab File: BN036065.D
 Acq: 28 Jan 2025 08:50

Tgt Ion:276 Resp: 8369
 Ion Ratio Lower Upper
 276 100
 138 25.7 19.4 29.0
 277 30.1 21.1 31.7

