

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
 Data File : BN036406.D
 Acq On : 08 Feb 2025 12:01
 Operator : RC/JU
 Sample : PB166496BS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS496

Quant Time: Feb 11 17:30:39 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 : Fri Feb 07 11:25:57 2025
 Response via : Initial Calibration

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

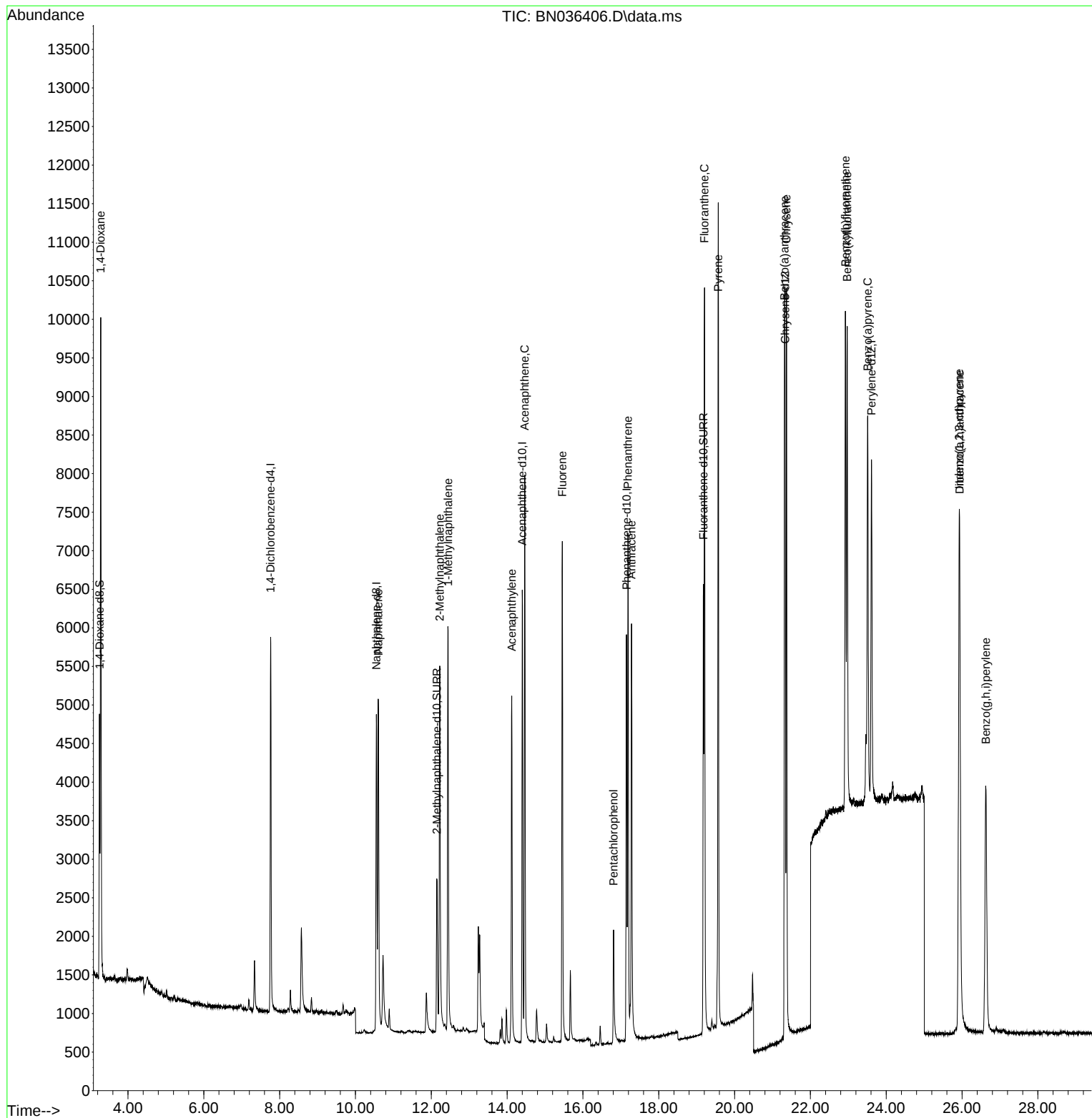
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.762	152	2605	0.400	ng/ul	0.00
4) Naphthalene-d8	10.551	136	5947	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.400	164	3425	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.150	188	6907	0.400	ng/ul	0.00
17) Chrysene-d12	21.333	240	6044	0.400	ng/ul	# 0.00
23) Perylene-d12	23.610	264	6155	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.248	96	2017	0.707	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	3156	0.420	ng/ul	-0.01
18) Fluoranthene-d10	19.179	212	6671	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	5349	1.757	ng/ul	87
5) Naphthalene	10.601	128	6390	0.390	ng/ul	99
7) 2-Methylnaphthalene	12.223	142	3962	0.389	ng/ul	99
8) 1-Methylnaphthalene	12.443	142	4075	0.395	ng/ul	99
10) Acenaphthylene	14.122	152	5523	0.342	ng/ul	99
11) Acenaphthene	14.465	153	4407	0.371	ng/ul	98
12) Fluorene	15.455	166	4668	0.356	ng/ul	100
14) Pentachlorophenol	16.808	266	1283	0.530	ng/ul	97
15) Phenanthrene	17.188	178	7532	0.372	ng/ul	99
16) Anthracene	17.281	178	6635	0.353	ng/ul	99
19) Fluoranthene	19.207	202	8656	0.377	ng/ul	96
20) Pyrene	19.569	202	9050	0.377	ng/ul#	93
21) Benzo(a)anthracene	21.316	228	8137	0.377	ng/ul	99
22) Chrysene	21.368	228	8798	0.399	ng/ul	99
24) Benzo(b)fluoranthene	22.923	252	8336	0.406	ng/ul	88
25) Benzo(k)fluoranthene	22.970	252	8779	0.406	ng/ul#	88
26) Benzo(a)pyrene	23.511	252	7649	0.412	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.923	276	9066	0.370	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.937	278	7042	0.372	ng/ul#	92
29) Benzo(g,h,i)perylene	26.628	276	7346	0.385	ng/ul	95

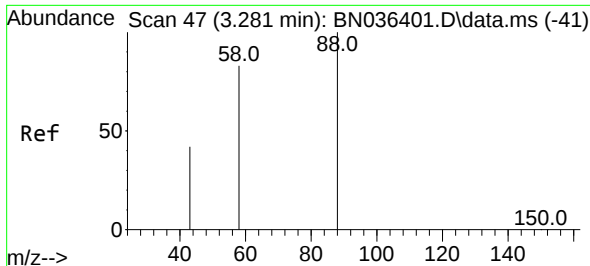
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration

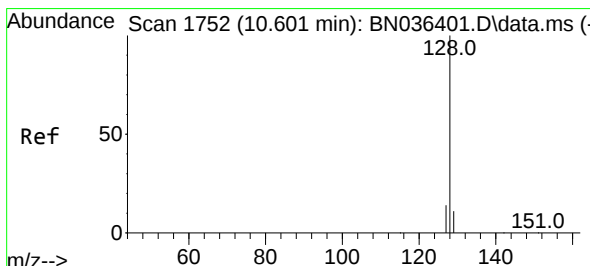
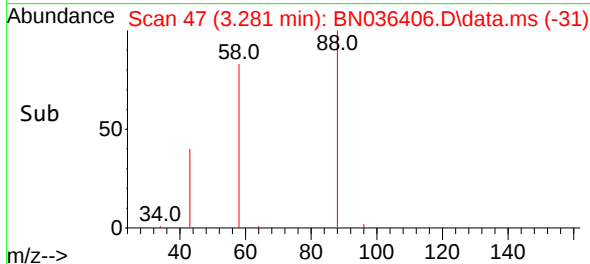
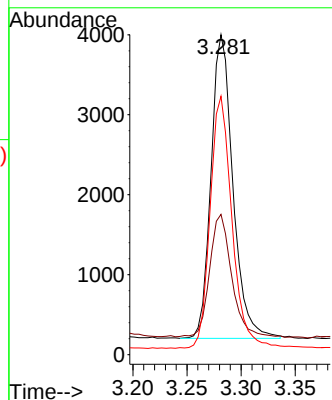
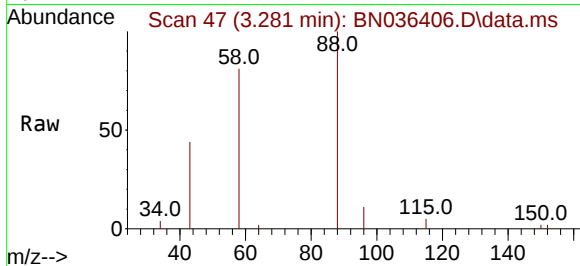




#2
 1,4-Dioxane
 Concen: 1.757 ng/ul
 RT: 3.281 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN036406.D
 Acq: 08 Feb 2025 12:01

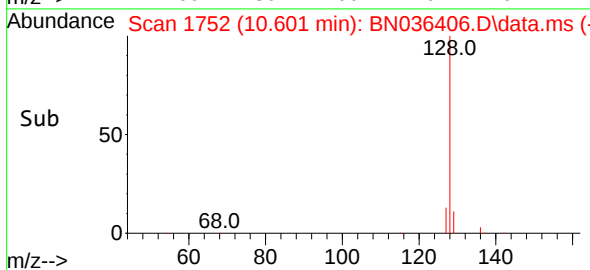
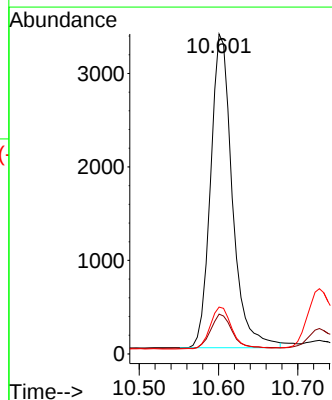
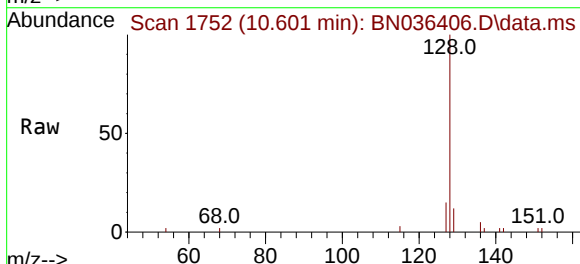
Instrument :
 BNA_N
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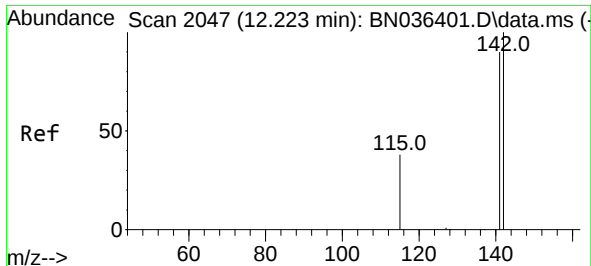
Tgt Ion: 88 Resp: 5349
 Ion Ratio Lower Upper
 88 100
 43 43.8 40.7 61.1
 58 80.7 55.2 82.8



#5
 Naphthalene
 Concen: 0.390 ng/ul
 RT: 10.601 min Scan# 1752
 Delta R.T. -0.005 min
 Lab File: BN036406.D
 Acq: 08 Feb 2025 12:01

Tgt Ion: 128 Resp: 6390
 Ion Ratio Lower Upper
 128 100
 129 12.4 9.6 14.4
 127 14.6 12.0 18.0

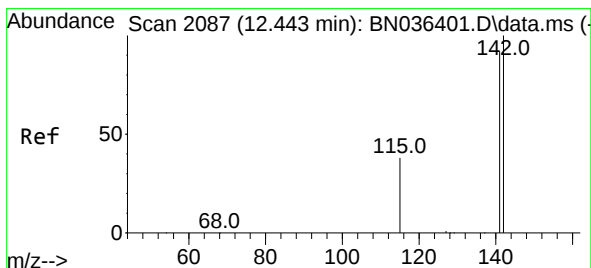
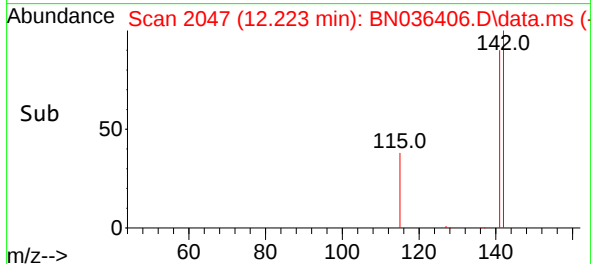
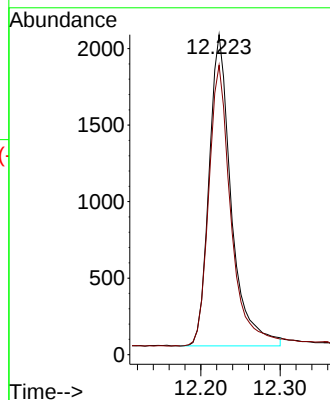
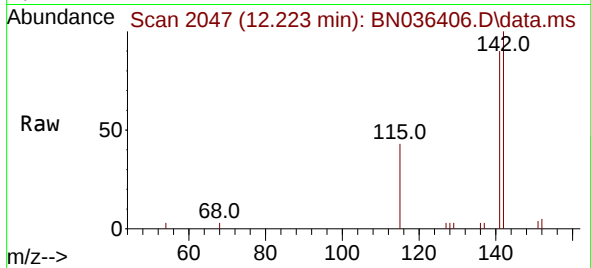




#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.223 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

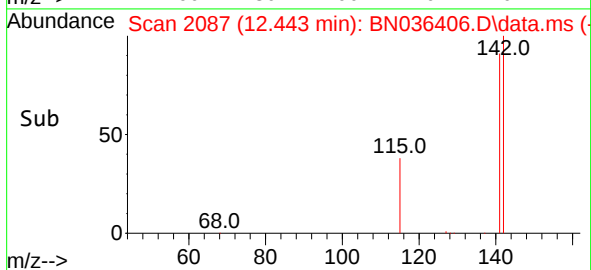
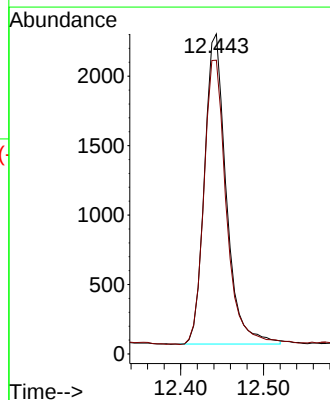
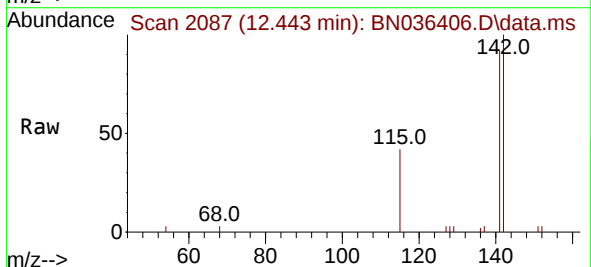
Instrument :
BNA_N
ClientSampleId :
SLCS496

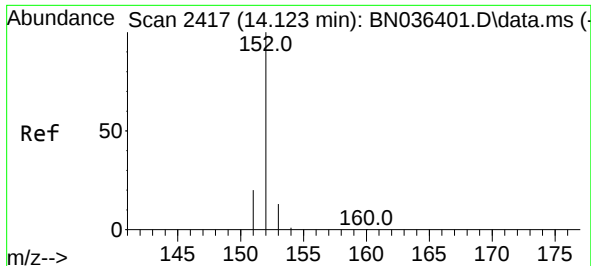
Tgt Ion:142 Resp: 3962
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.443 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

Tgt Ion:142 Resp: 4075
Ion Ratio Lower Upper
142 100
141 94.6 75.2 112.8

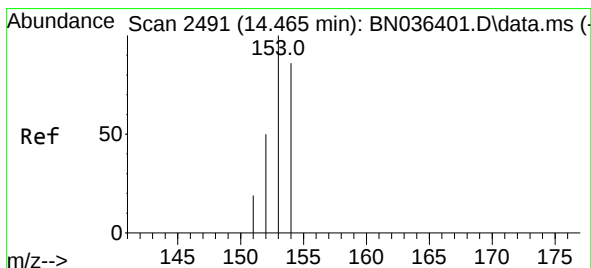
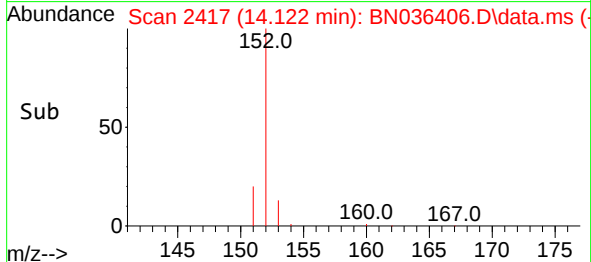
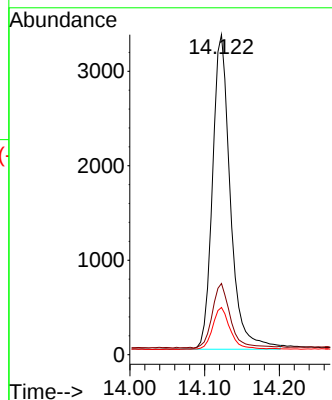
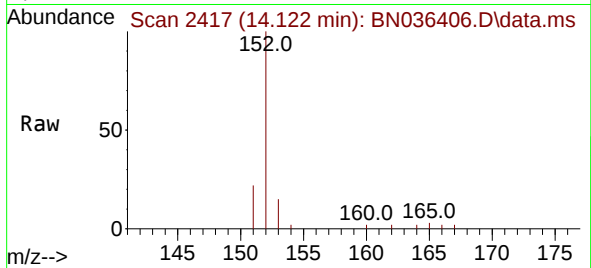




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.122 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

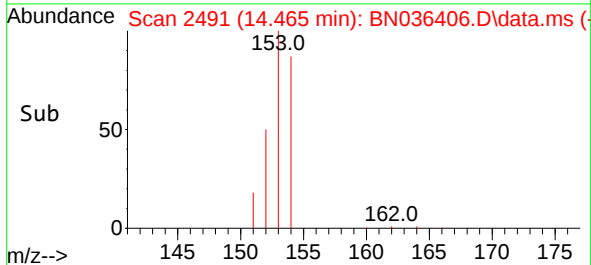
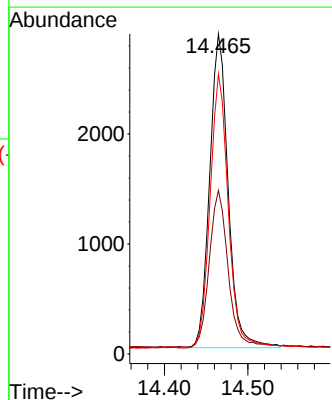
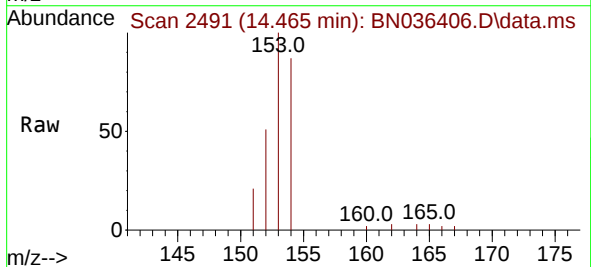
Instrument :
BNA_N
ClientSampleId :
SLCS496

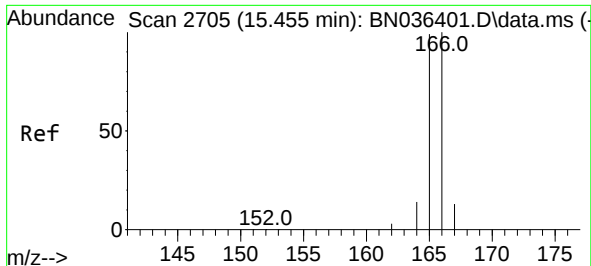
Tgt Ion:152 Resp: 5523
Ion Ratio Lower Upper
152 100
151 22.2 17.4 26.2
153 14.7 11.9 17.9



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.465 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

Tgt Ion:153 Resp: 4407
Ion Ratio Lower Upper
153 100
152 51.1 43.2 64.8
154 87.5 70.5 105.7

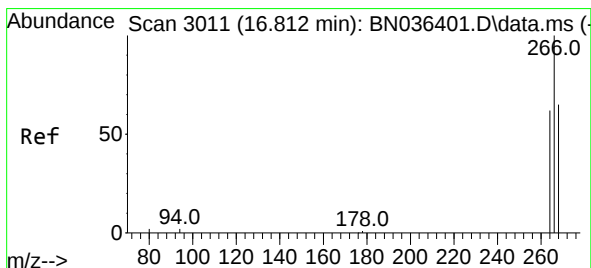
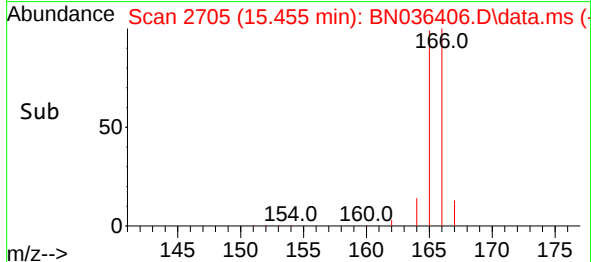
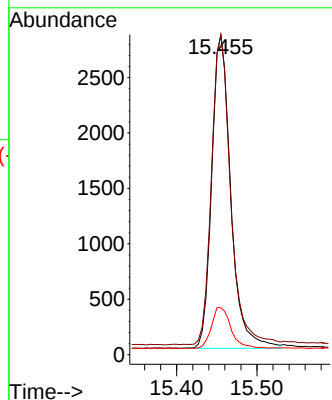
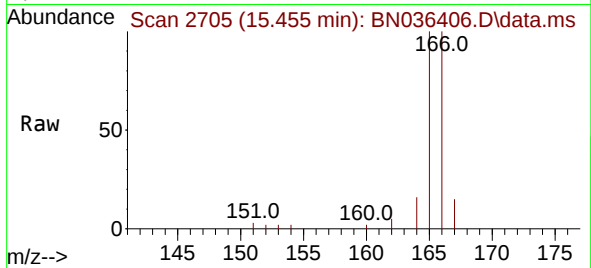




#12
 Fluorene
 Concen: 0.356 ng/ul
 RT: 15.455 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN036406.D
 Acq: 08 Feb 2025 12:01

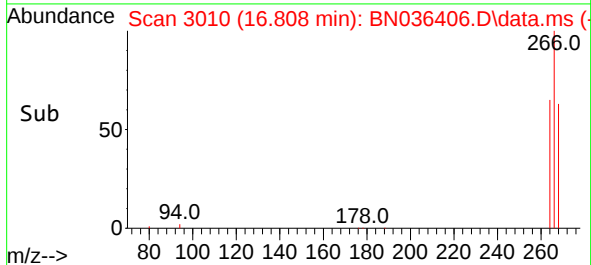
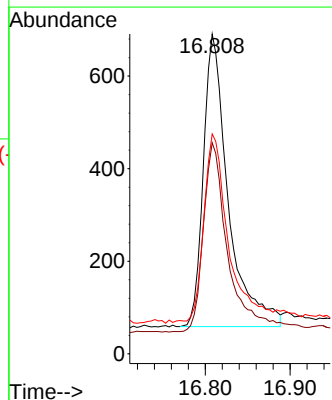
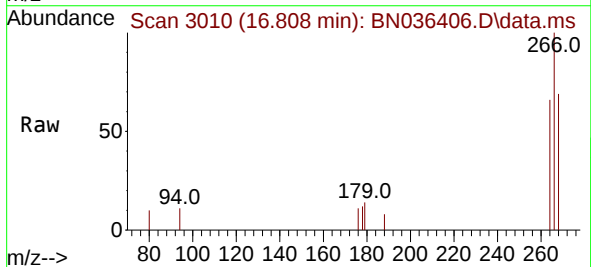
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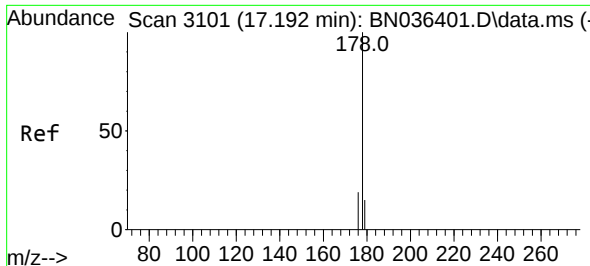
Tgt Ion:166 Resp: 4668
 Ion Ratio Lower Upper
 166 100
 165 100.1 80.3 120.5
 167 14.6 12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.530 ng/ul
 RT: 16.808 min Scan# 3010
 Delta R.T. -0.004 min
 Lab File: BN036406.D
 Acq: 08 Feb 2025 12:01

Tgt Ion:266 Resp: 1283
 Ion Ratio Lower Upper
 266 100
 264 64.5 50.6 75.8
 268 66.6 50.6 75.8

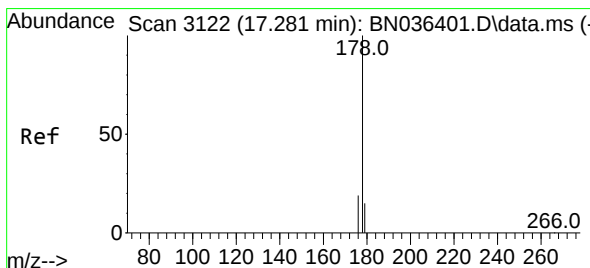
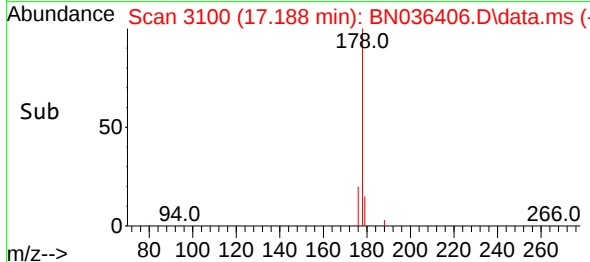
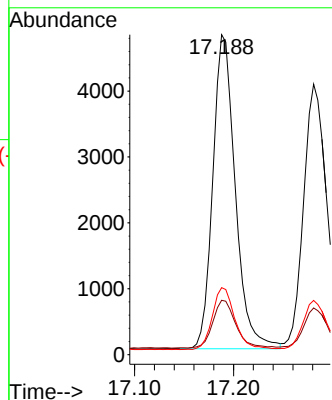
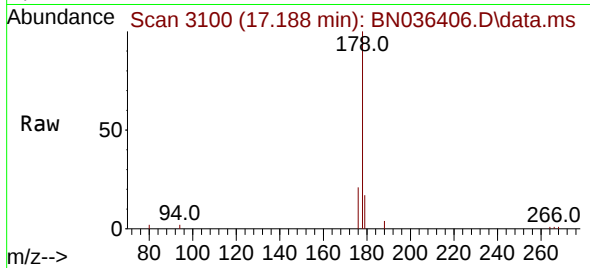




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.188 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

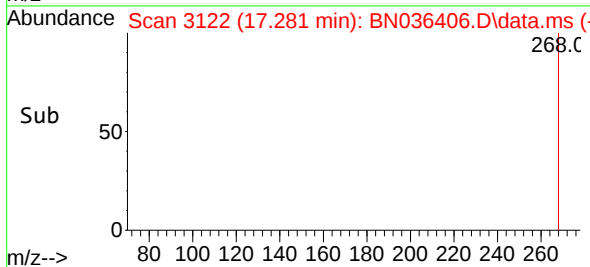
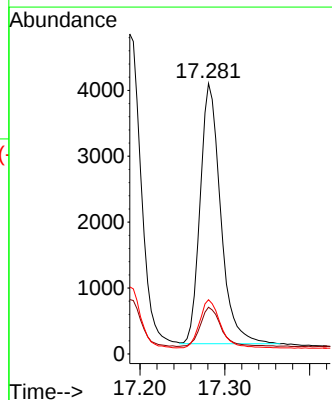
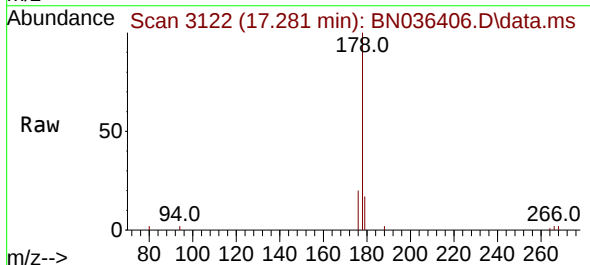
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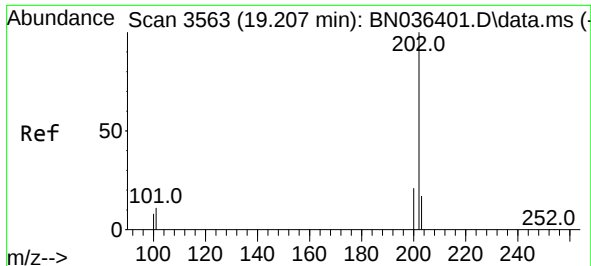
Tgt Ion:178 Resp: 7532
Ion Ratio Lower Upper
178 100
179 17.0 13.2 19.8
176 21.0 16.8 25.2



#16
Anthracene
Concen: 0.353 ng/ul
RT: 17.281 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

Tgt Ion:178 Resp: 6635
Ion Ratio Lower Upper
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179 17.2 13.0 19.4
176 20.1 15.9 23.9

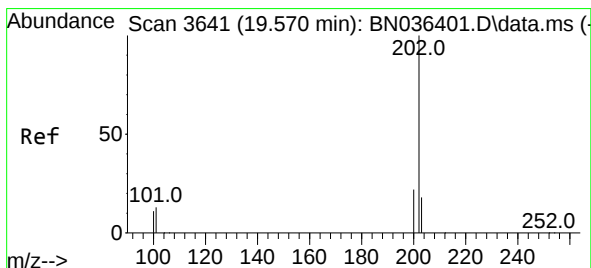
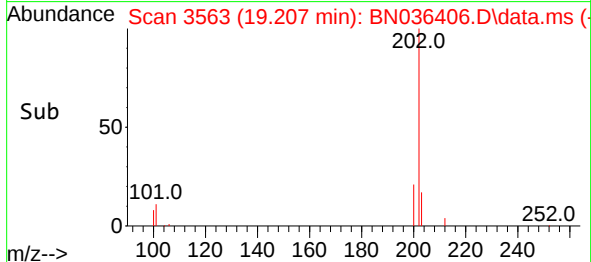
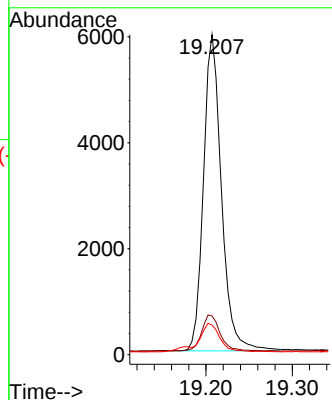
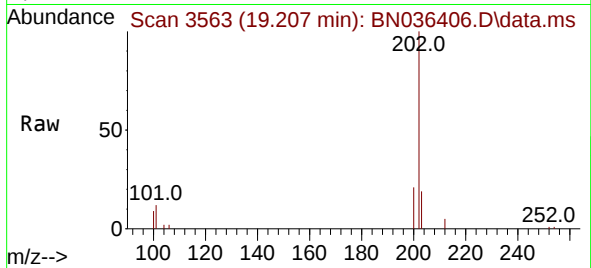




#19
Fluoranthene
Concen: 0.377 ng/ul
RT: 19.207 min Scan# 3563
Delta R.T. -0.005 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

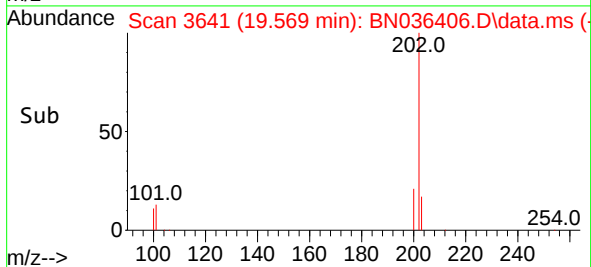
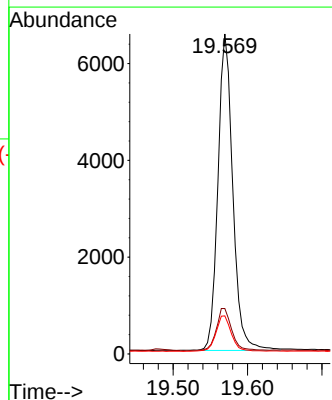
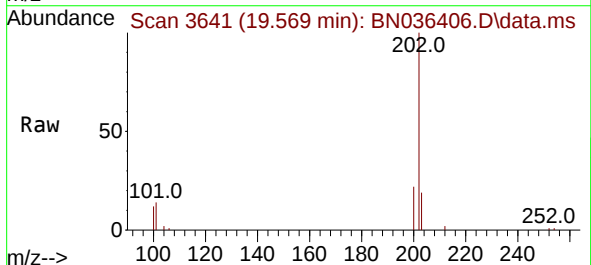
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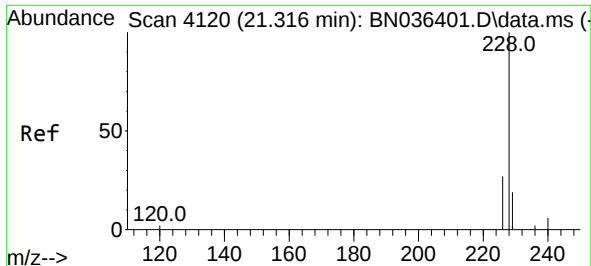
Tgt Ion:202 Resp: 8656
Ion Ratio Lower Upper
202 100
101 12.1 8.4 12.6
100 9.3 6.5 9.7



#20
Pyrene
Concen: 0.377 ng/ul
RT: 19.569 min Scan# 3641
Delta R.T. -0.005 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

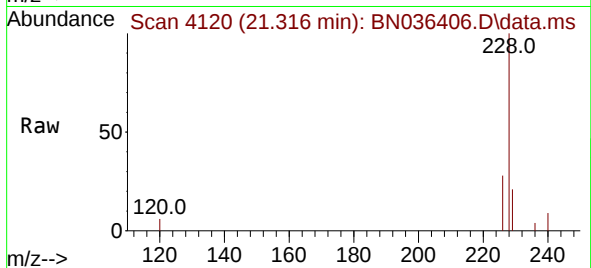
Tgt Ion:202 Resp: 9050
Ion Ratio Lower Upper
202 100
101 14.2 9.3 13.9#
100 11.9 7.5 11.3#



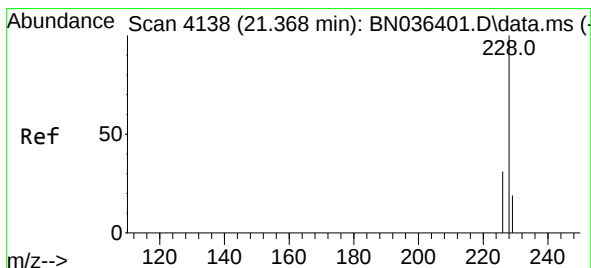
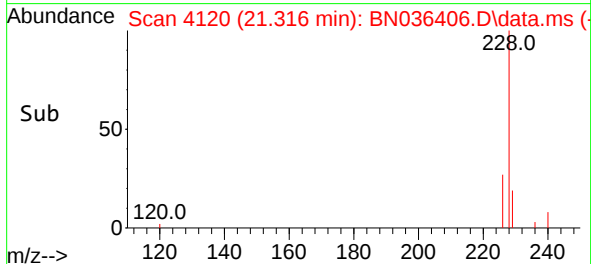
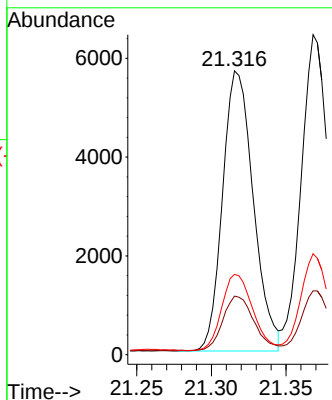


#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.316 min Scan# 4120
Delta R.T. -0.009 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

Instrument :
BNA_N
ClientSampleId :
SLCS496

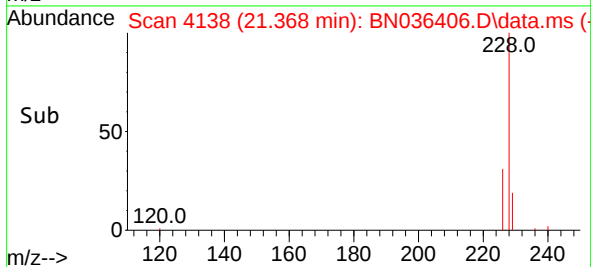
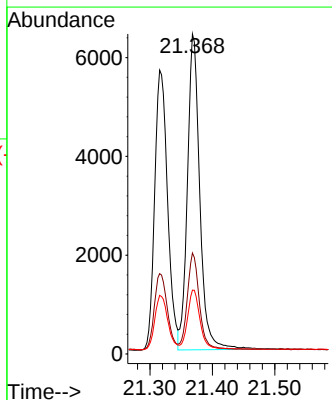
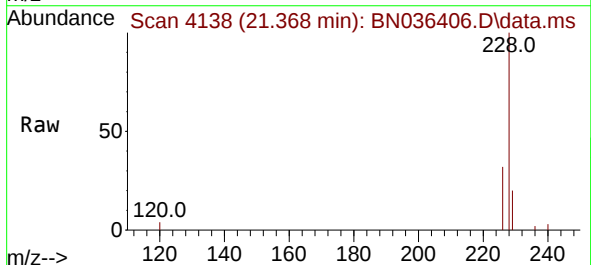


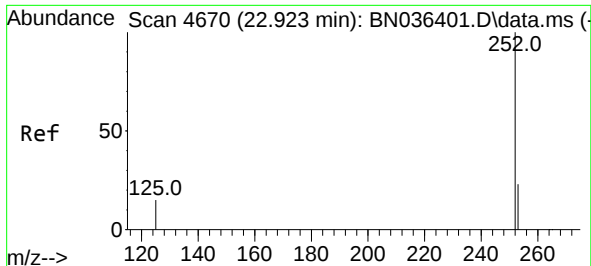
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Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 28.3 22.8 34.2



#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.368 min Scan# 4138
Delta R.T. -0.009 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

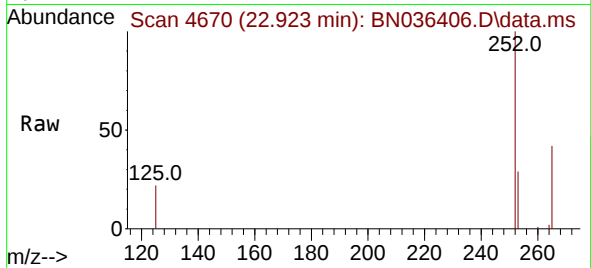
Tgt Ion:228 Resp: 8798
Ion Ratio Lower Upper
228 100
226 31.5 24.4 36.6
229 19.9 15.9 23.9



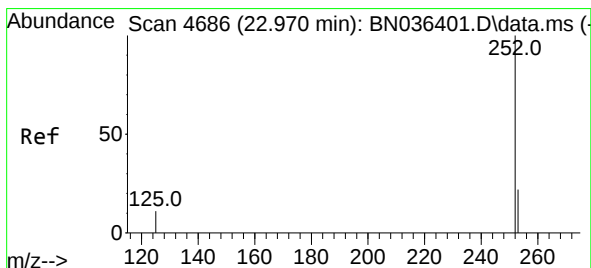
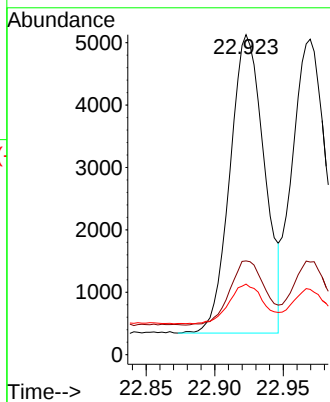
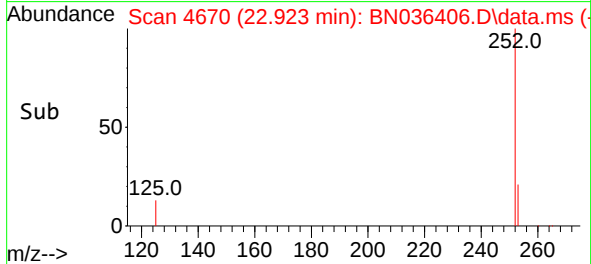


#24
Benzo(b)fluoranthene
Concen: 0.406 ng/ul
RT: 22.923 min Scan# 4670
Delta R.T. -0.009 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

Instrument :
BNA_N
ClientSampleId :
SLCS496

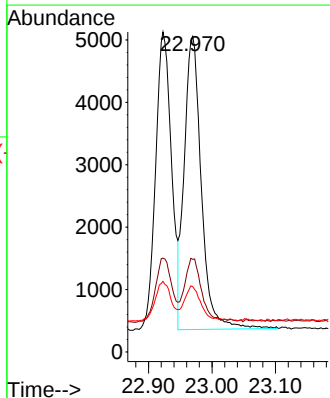
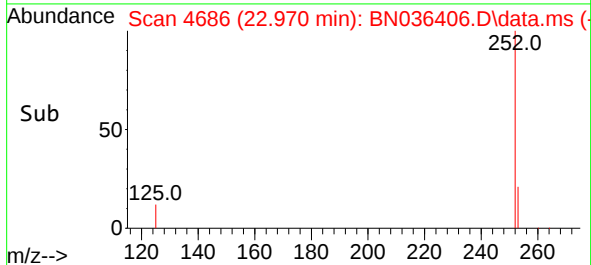
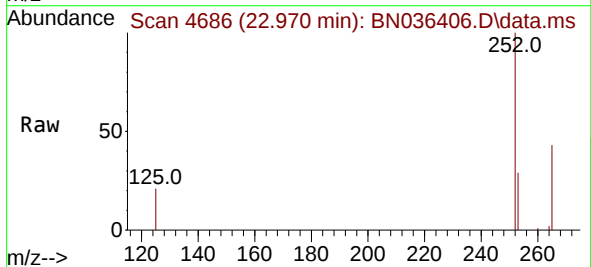


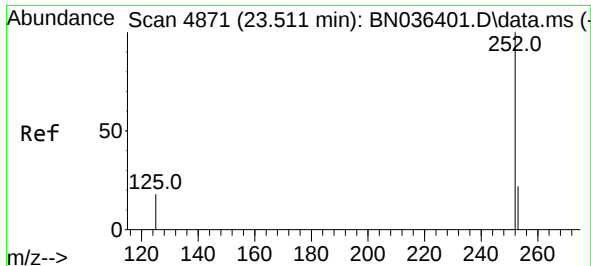
Tgt Ion:252 Resp: 8336
Ion Ratio Lower Upper
252 100
253 29.3 0.0 51.2
125 22.1 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.406 ng/ul
RT: 22.970 min Scan# 4686
Delta R.T. -0.006 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

Tgt Ion:252 Resp: 8779
Ion Ratio Lower Upper
252 100
253 29.3 20.2 30.4
125 20.7 10.6 16.0#

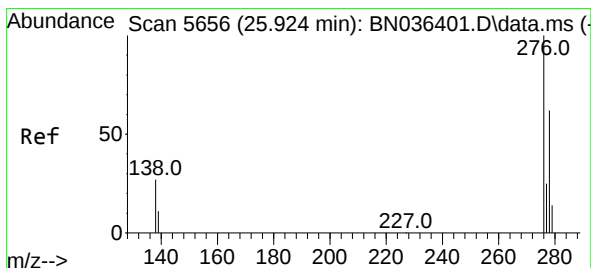
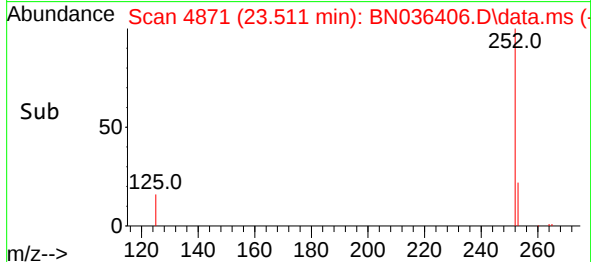
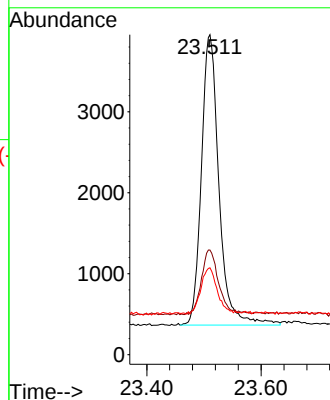
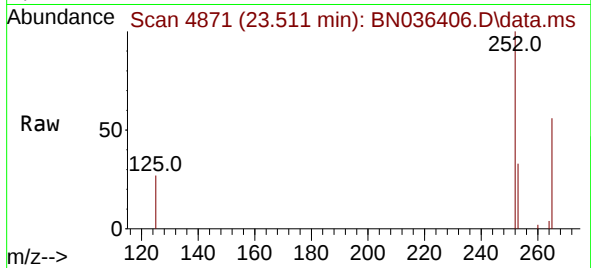




#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.511 min Scan# 4871
Delta R.T. -0.009 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

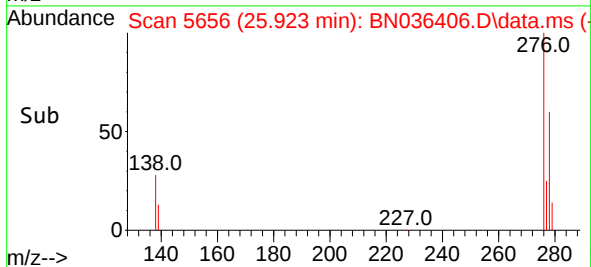
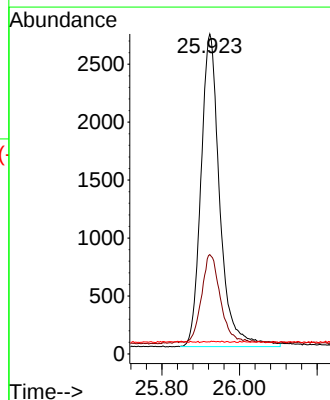
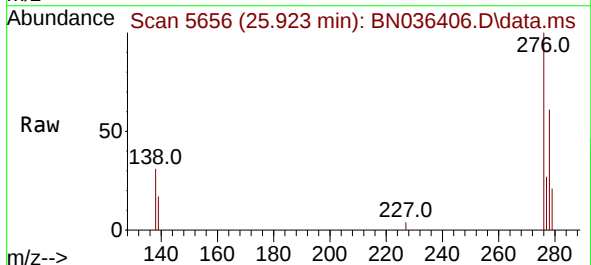
Instrument :
BNA_N
ClientSampleId :
SLCS496

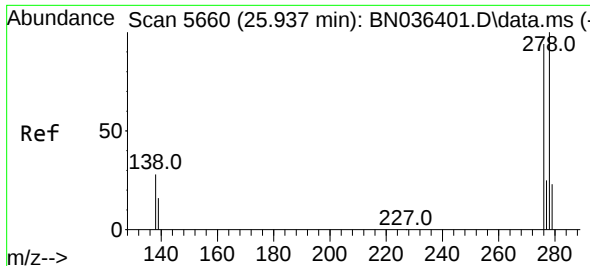
Tgt Ion:252 Resp: 7649
Ion Ratio Lower Upper
252 100
253 32.7 22.2 33.4
125 27.1 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 25.923 min Scan# 5656
Delta R.T. -0.007 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

Tgt Ion:276 Resp: 9066
Ion Ratio Lower Upper
276 100
138 27.7 20.2 30.4
227 0.1 0.1 0.1#

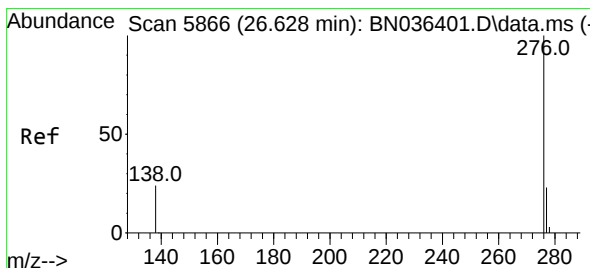
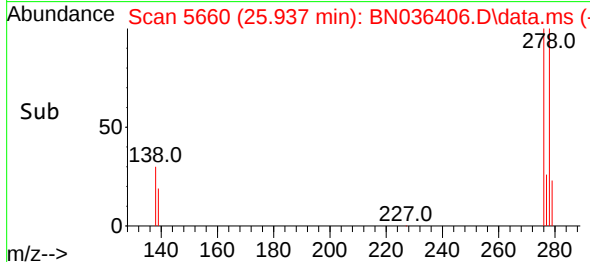
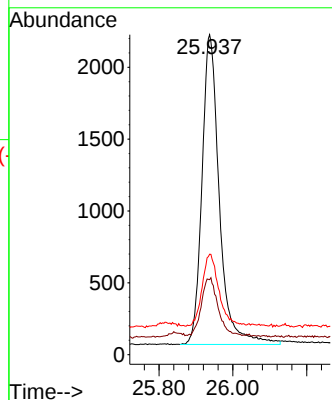
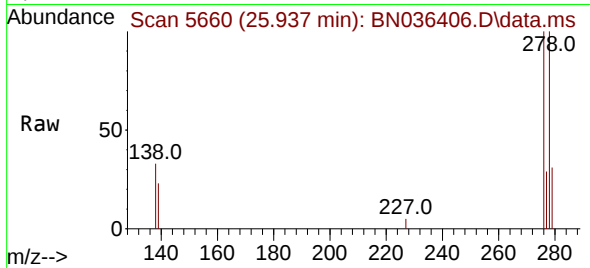




#28
Dibenzo(a,h)anthracene
Concen: 0.372 ng/ul
RT: 25.937 min Scan# 5660
Delta R.T. -0.013 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

Instrument :
BNA_N
ClientSampleId :
SLCS496

Tgt Ion:278 Resp: 7042
Ion Ratio Lower Upper
278 100
139 23.4 15.4 23.2#
279 31.4 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 26.628 min Scan# 5866
Delta R.T. -0.010 min
Lab File: BN036406.D
Acq: 08 Feb 2025 12:01

Tgt Ion:276 Resp: 7346
Ion Ratio Lower Upper
276 100
138 28.5 19.4 29.0
277 26.1 21.1 31.7

