

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012125\
 Data File : BN036003.D
 Acq On : 21 Jan 2025 13:11
 Operator : RC/JU
 Sample : SSTD0.256
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2245

Quant Time: Jan 21 23:45:44 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 23:44:46 2025
 Response via : Initial Calibration

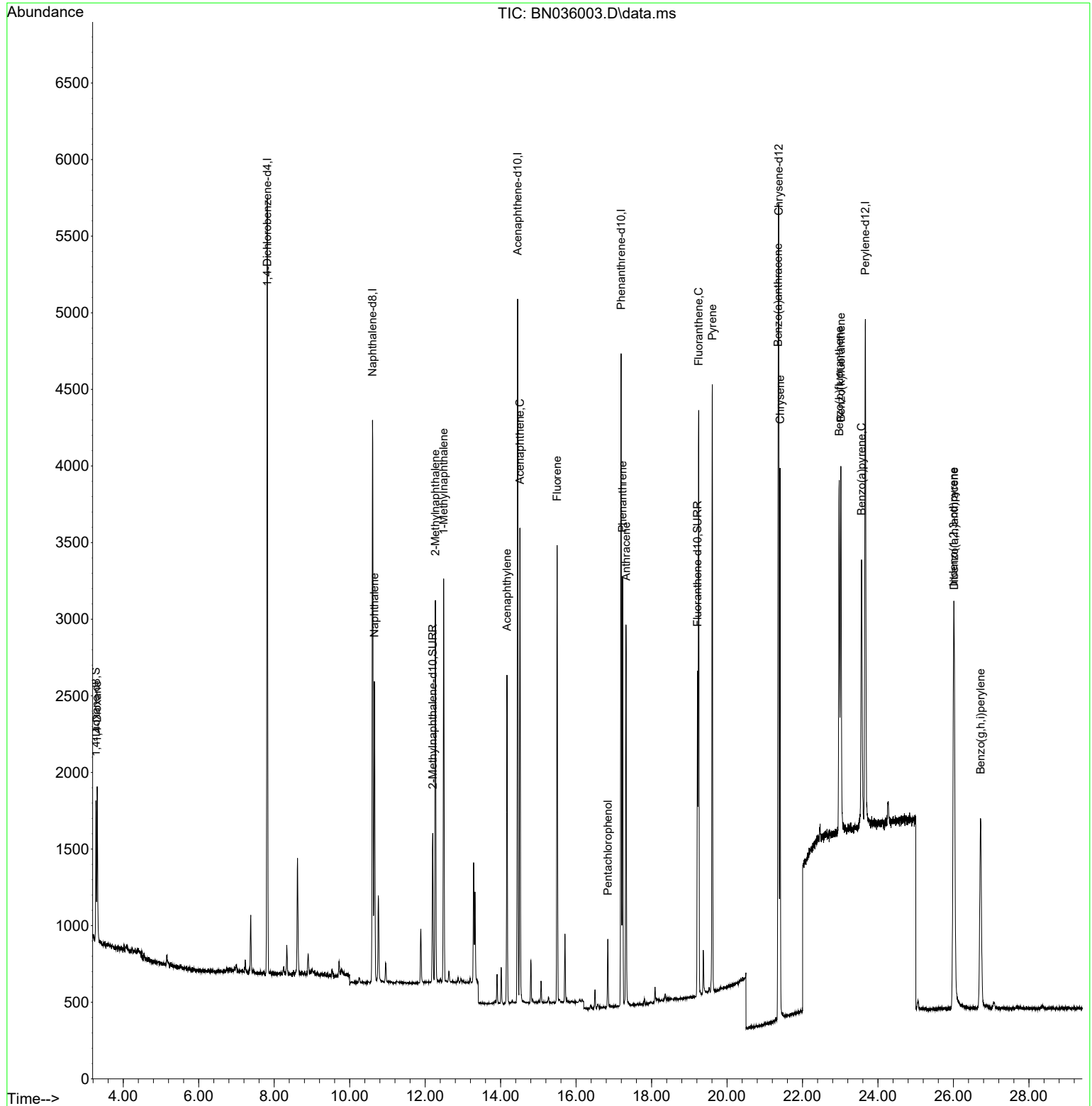
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	2416	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	4797	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	2418	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	4905	0.400	ng/ul	0.00
17) Chrysene-d12	21.371	240	4136	0.400	ng/ul	0.00
23) Perylene-d12	23.665	264	4435	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	585	0.221	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	1194	0.197	ng/ul	0.00
18) Fluoranthene-d10	19.216	212	2335	0.205	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	569	0.202	ng/ul#	90
5) Naphthalene	10.655	128	2645	0.200	ng/ul	96
7) 2-Methylnaphthalene	12.272	142	1626	0.198	ng/ul	98
8) 1-Methylnaphthalene	12.492	142	1655	0.199	ng/ul	100
10) Acenaphthylene	14.169	152	2262	0.198	ng/ul	98
11) Acenaphthene	14.511	153	1708	0.204	ng/ul	99
12) Fluorene	15.496	166	1814	0.196	ng/ul	98
14) Pentachlorophenol	16.842	266	278	0.162	ng/ul	97
15) Phenanthrene	17.230	178	2877	0.200	ng/ul	98
16) Anthracene	17.323	178	2646	0.198	ng/ul	96
19) Fluoranthene	19.249	202	3195	0.203	ng/ul	96
20) Pyrene	19.611	202	3355	0.204	ng/ul	97
21) Benzo(a)anthracene	21.353	228	2975	0.202	ng/ul	99
22) Chrysene	21.406	228	3046	0.202	ng/ul	98
24) Benzo(b)fluoranthene	22.972	252	2931	0.198	ng/ul	89
25) Benzo(k)fluoranthene	23.016	252	3144	0.202	ng/ul#	87
26) Benzo(a)pyrene	23.563	252	2746	0.205	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.004	276	3497	0.198	ng/ul	97
28) Dibenzo(a,h)anthracene	26.021	278	2651	0.195	ng/ul#	90
29) Benzo(g,h,i)perylene	26.718	276	2703	0.197	ng/ul	94

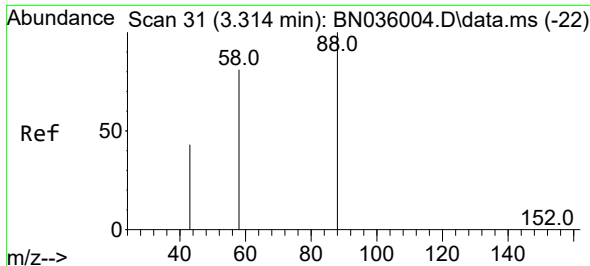
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012125\
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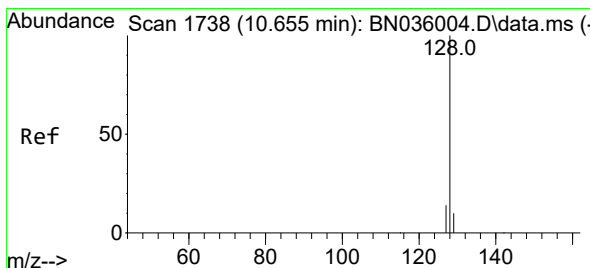
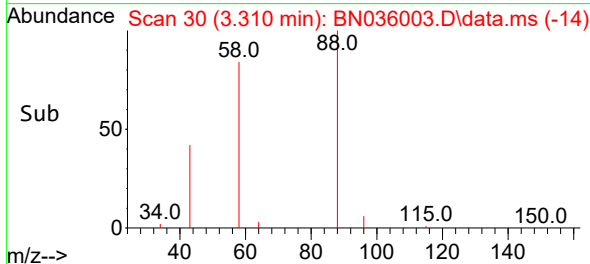
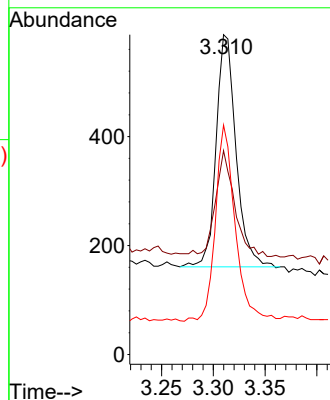
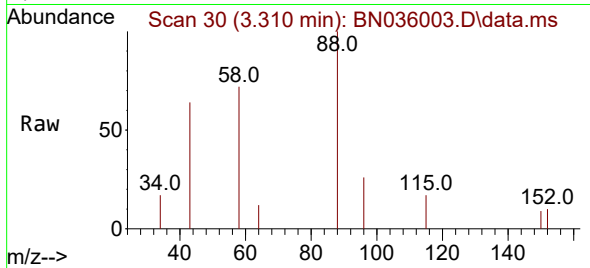




#2
1,4-Dioxane
Concen: 0.202 ng/ul
RT: 3.310 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

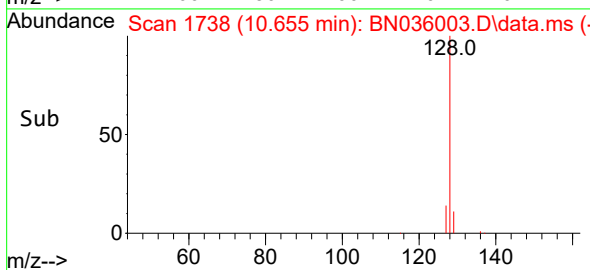
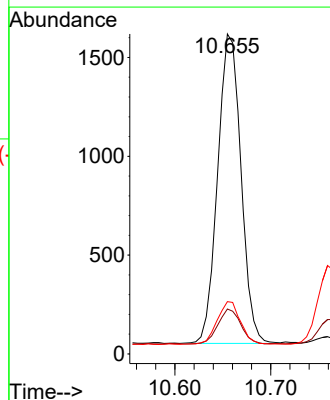
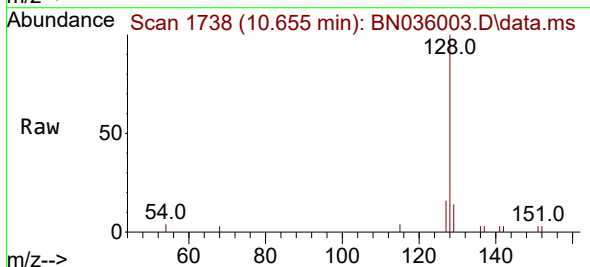
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

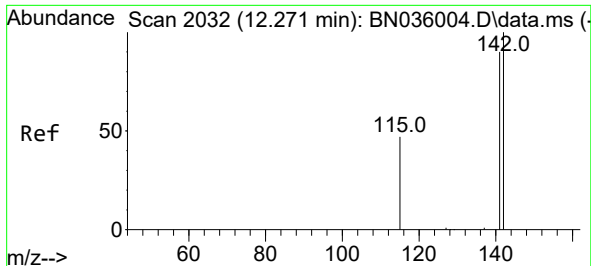
Tgt Ion: 88 Resp: 569
Ion Ratio Lower Upper
88 100
43 63.7 40.7 61.1#
58 71.7 55.2 82.8



#5
Naphthalene
Concen: 0.200 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

Tgt Ion:128 Resp: 2645
Ion Ratio Lower Upper
128 100
129 14.0 9.6 14.4
127 16.3 12.0 18.0

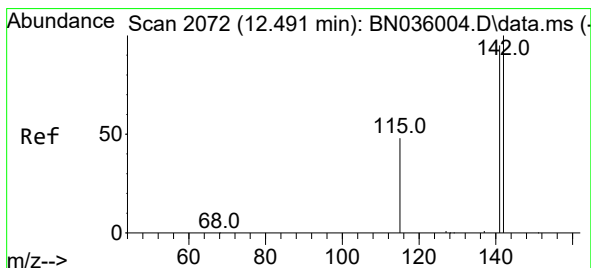
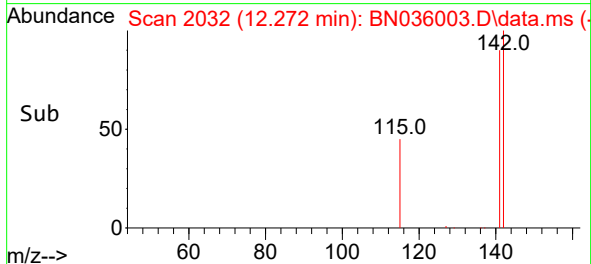
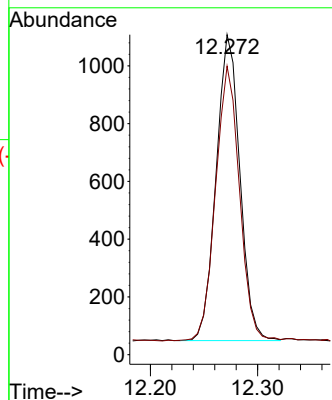
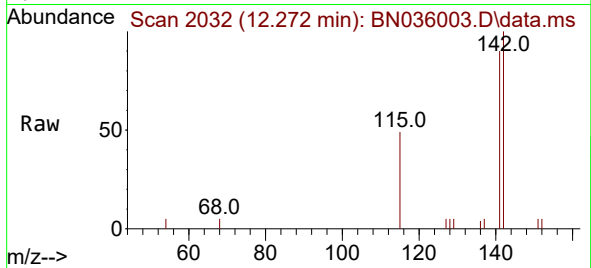




#7
2-Methylnaphthalene
Concen: 0.198 ng/ul
RT: 12.272 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

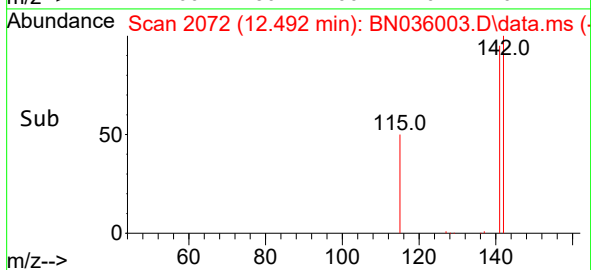
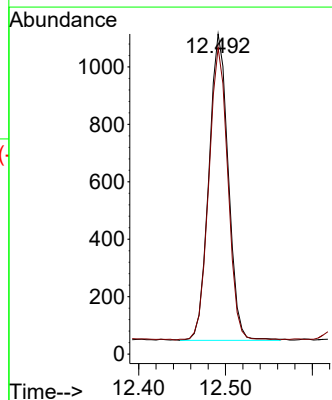
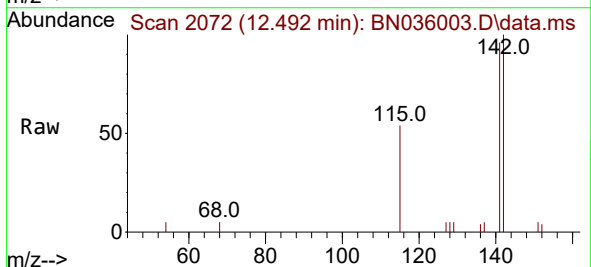
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

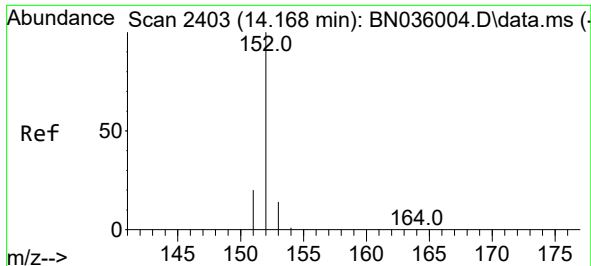
Tgt Ion:142 Resp: 1626
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 12.492 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

Tgt Ion:142 Resp: 1655
Ion Ratio Lower Upper
142 100
141 93.7 75.2 112.8

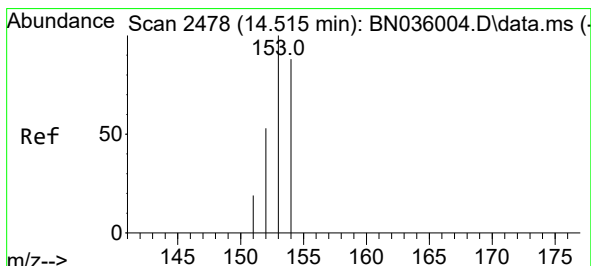
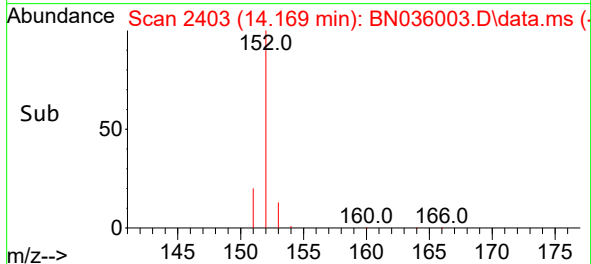
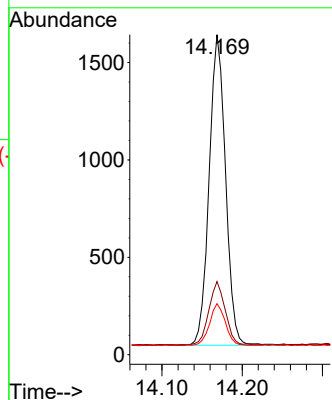
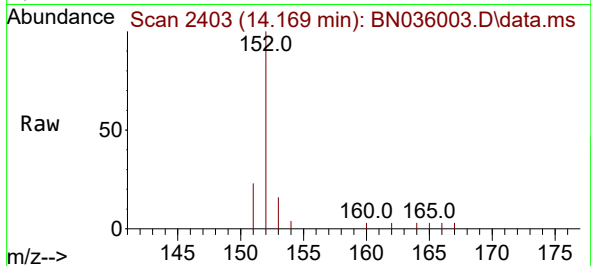




#10
Acenaphthylene
Concen: 0.198 ng/ul
RT: 14.169 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

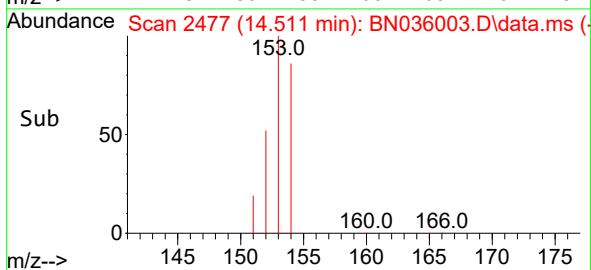
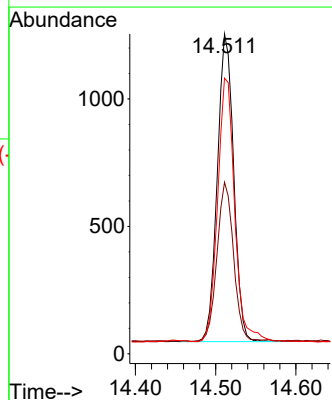
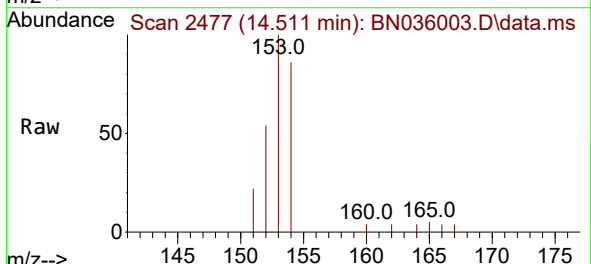
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

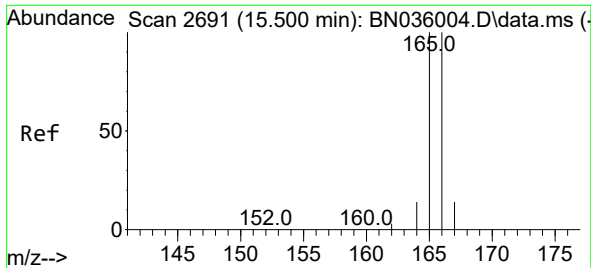
Tgt Ion:	152	Resp:	2262
Ion Ratio	Lower	Upper	
152	100		
151	22.9	17.4	26.2
153	15.9	11.9	17.9



#11
Acenaphthene
Concen: 0.204 ng/ul
RT: 14.511 min Scan# 2477
Delta R.T. -0.004 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

Tgt Ion:	153	Resp:	1708
Ion Ratio	Lower	Upper	
153	100		
152	53.6	43.2	64.8
154	86.2	70.5	105.7

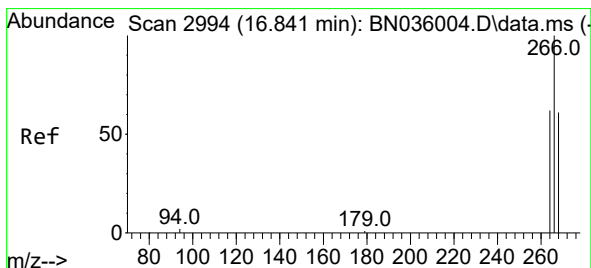
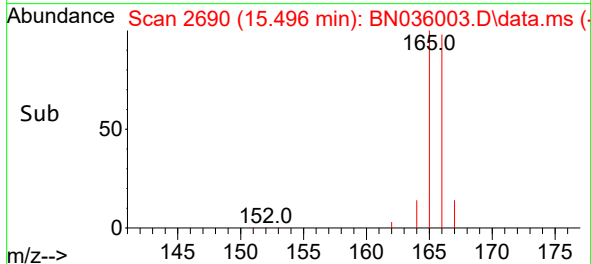
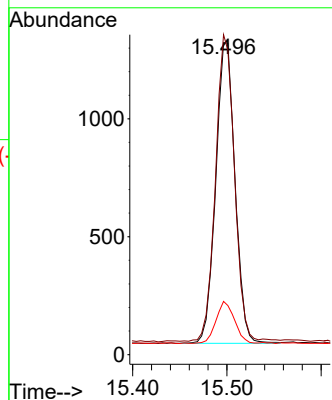
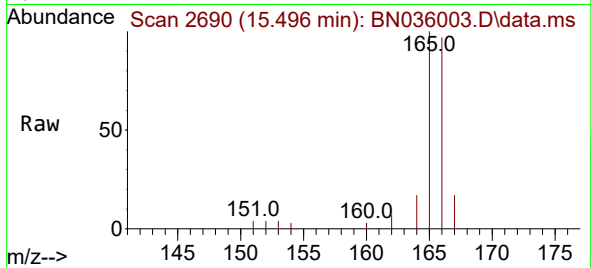




#12
Fluorene
Concen: 0.196 ng/ul
RT: 15.496 min Scan# 2690
Delta R.T. -0.004 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

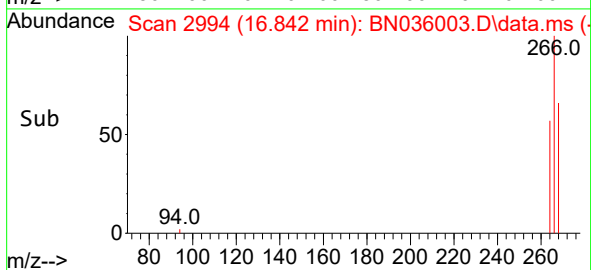
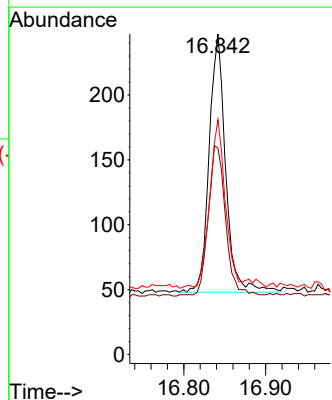
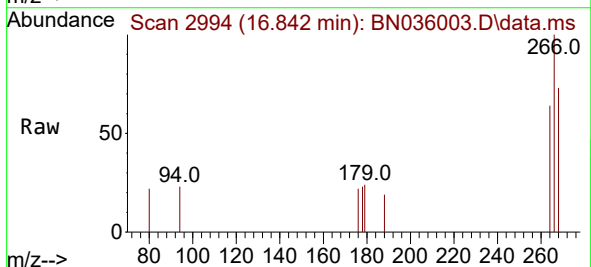
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BNA_N
ClientSampleId :
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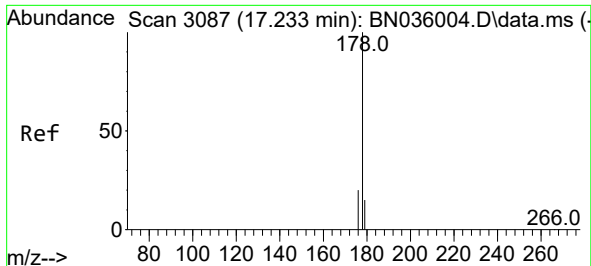
Tgt Ion:166 Resp: 1814
Ion Ratio Lower Upper
166 100
165 102.6 80.3 120.5
167 17.1 12.3 18.5



#14
Pentachlorophenol
Concen: 0.162 ng/ul
RT: 16.842 min Scan# 2994
Delta R.T. 0.001 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

Tgt Ion:266 Resp: 278
Ion Ratio Lower Upper
266 100
264 59.0 50.6 75.8
268 62.6 50.6 75.8

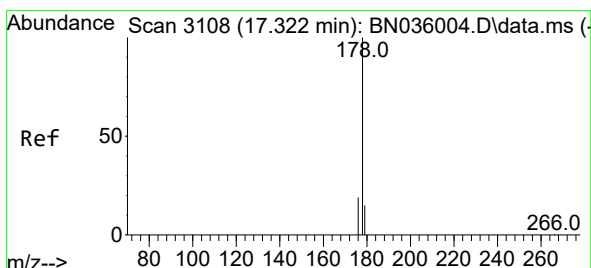
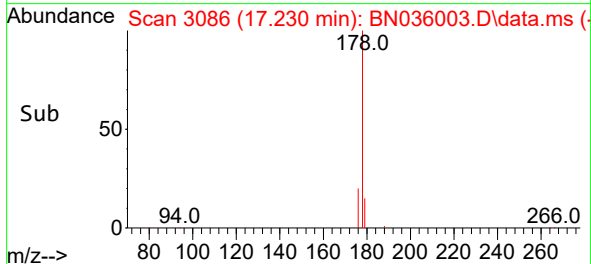
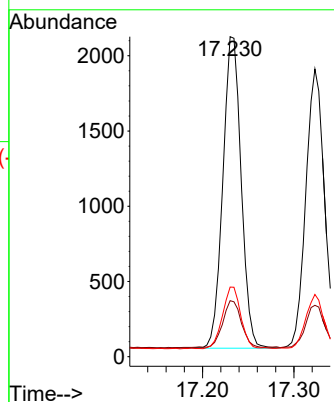
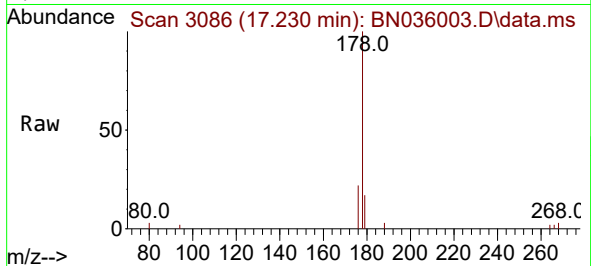




#15
Phenanthrene
Concen: 0.200 ng/ul
RT: 17.230 min Scan# 3087
Delta R.T. -0.003 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

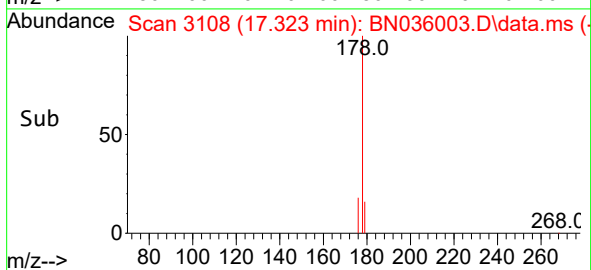
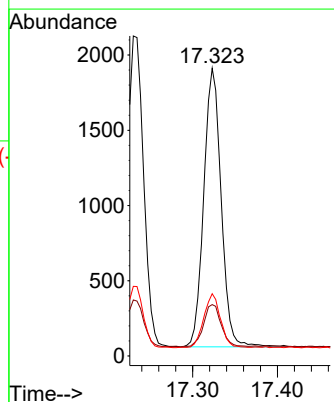
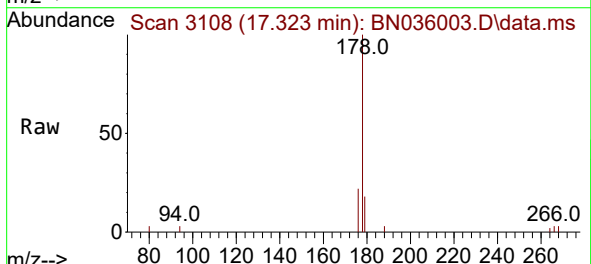
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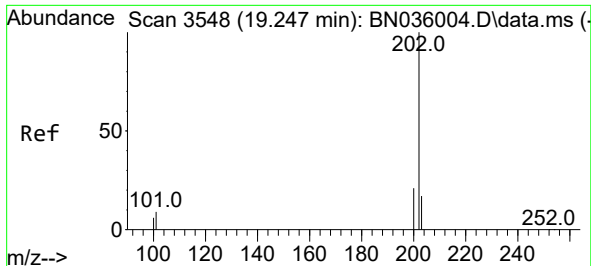
Tgt Ion:178 Resp: 2877
Ion Ratio Lower Upper
178 100
179 17.5 13.2 19.8
176 21.7 16.8 25.2



#16
Anthracene
Concen: 0.198 ng/ul
RT: 17.323 min Scan# 3108
Delta R.T. 0.001 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

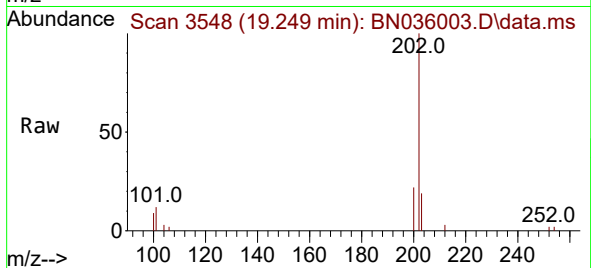
Tgt Ion:178 Resp: 2646
Ion Ratio Lower Upper
178 100
179 17.8 13.0 19.4
176 21.7 15.9 23.9



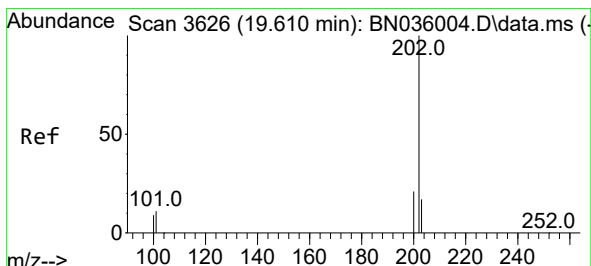
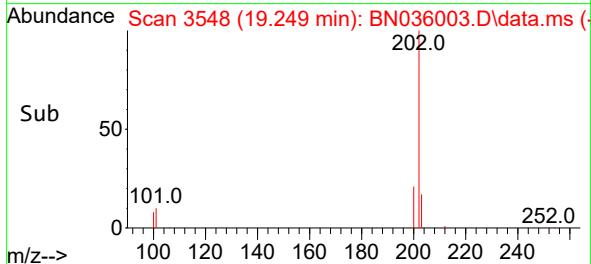
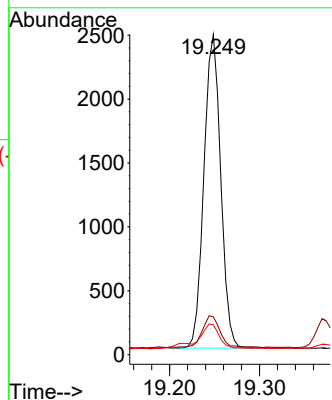


#19
Fluoranthene
Concen: 0.203 ng/ul
RT: 19.249 min Scan# 31
Delta R.T. 0.001 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

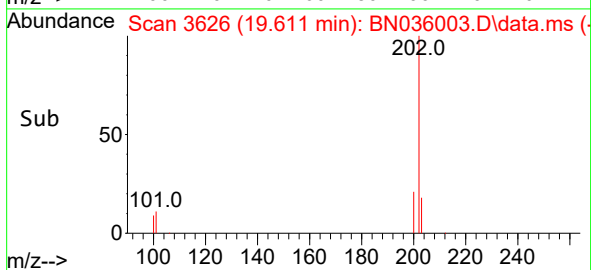
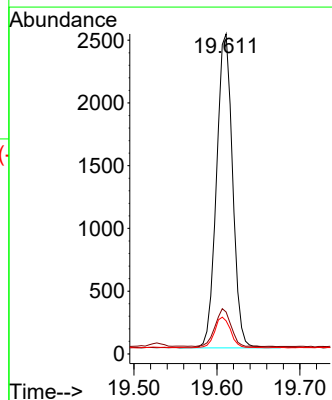
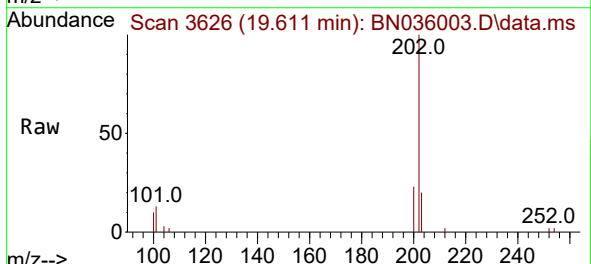


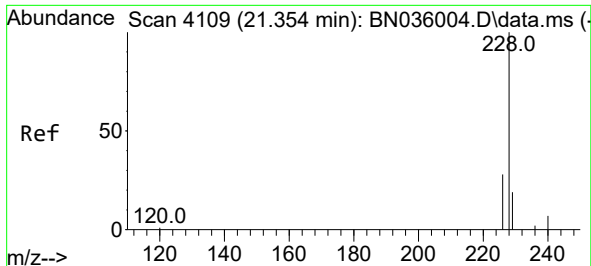
Tgt Ion:202 Resp: 3195
Ion Ratio Lower Upper
202 100
101 11.9 8.4 12.6
100 9.4 6.5 9.7



#20
Pyrene
Concen: 0.204 ng/ul
RT: 19.611 min Scan# 3626
Delta R.T. 0.001 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

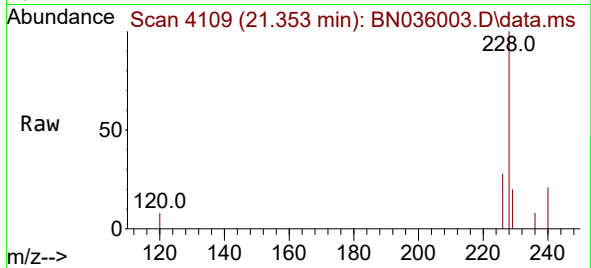
Tgt Ion:202 Resp: 3355
Ion Ratio Lower Upper
202 100
101 13.1 9.3 13.9
100 10.4 7.5 11.3



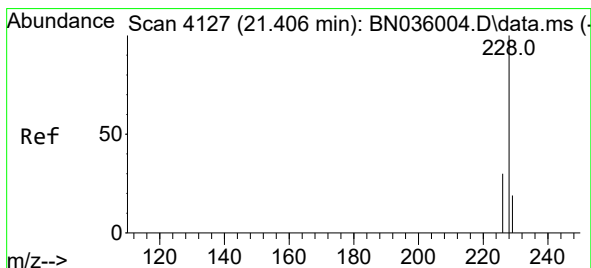
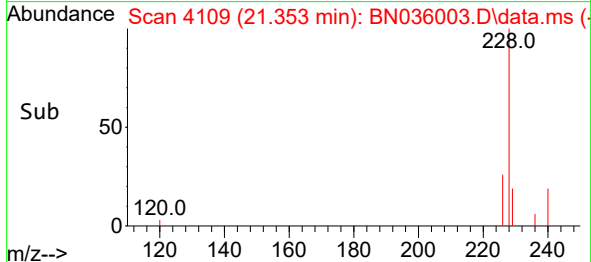
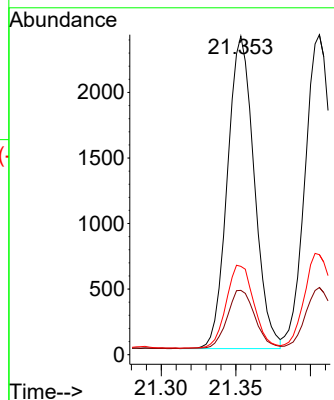


#21
Benzo(a)anthracene
Concen: 0.202 ng/ul
RT: 21.353 min Scan# 4109
Delta R.T. -0.000 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

Instrument :
BNA_N
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SSTD0.2245

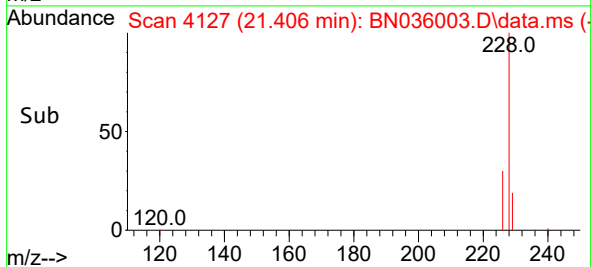
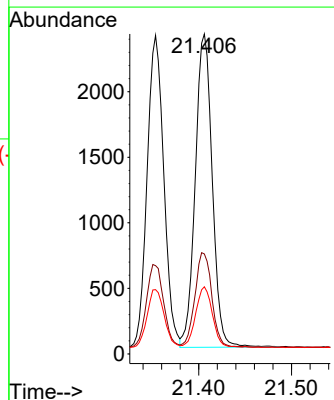
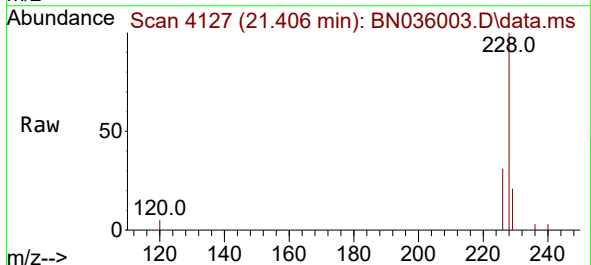


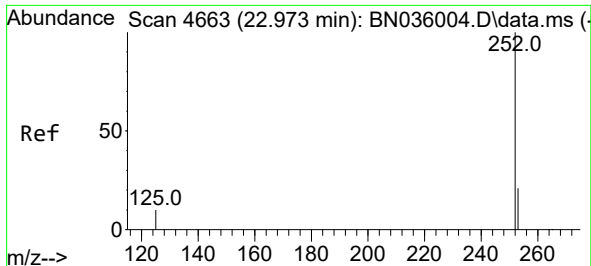
Tgt Ion:228 Resp: 2975
Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 27.7 22.8 34.2



#22
Chrysene
Concen: 0.202 ng/ul
RT: 21.406 min Scan# 4127
Delta R.T. -0.000 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

Tgt Ion:228 Resp: 3046
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 21.0 15.9 23.9

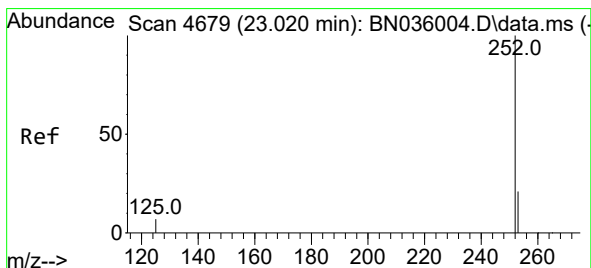
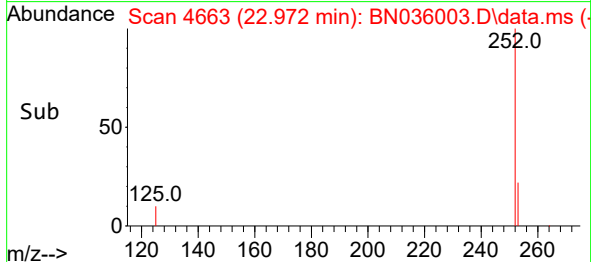
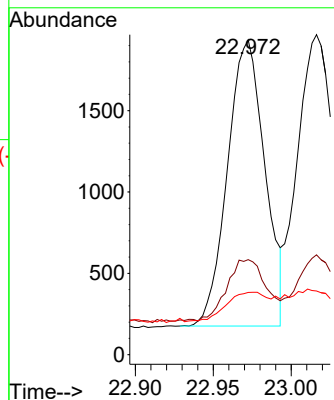
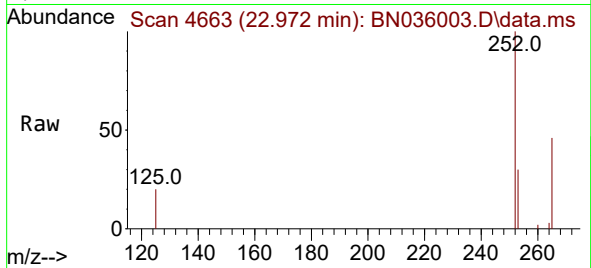




#24
Benzo(b)fluoranthene
Concen: 0.198 ng/ul
RT: 22.972 min Scan# 4663
Delta R.T. -0.000 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

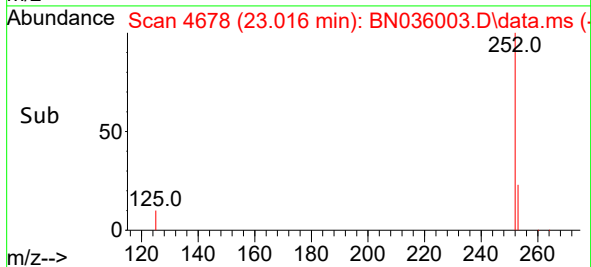
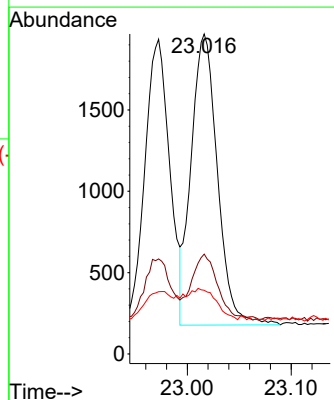
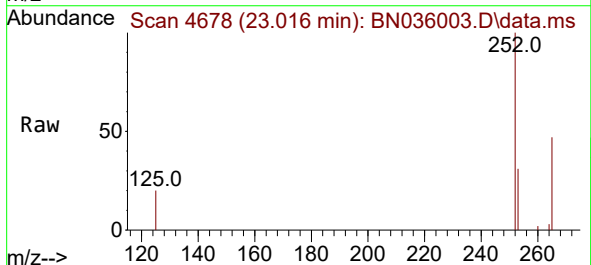
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

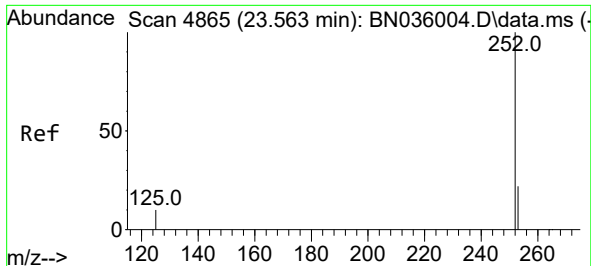
Tgt Ion:252 Resp: 2931
Ion Ratio Lower Upper
252 100
253 30.2 0.0 51.2
125 19.8 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.202 ng/ul
RT: 23.016 min Scan# 4678
Delta R.T. -0.003 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

Tgt Ion:252 Resp: 3144
Ion Ratio Lower Upper
252 100
253 31.2 20.2 30.4#
125 19.9 10.6 16.0#

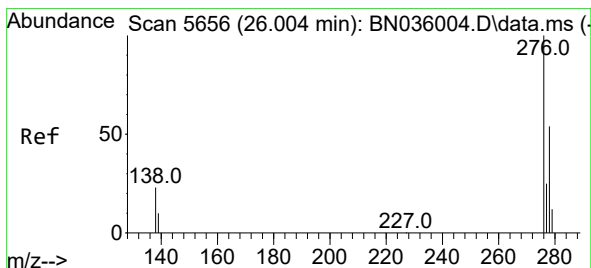
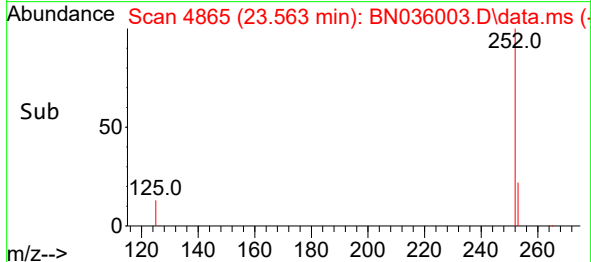
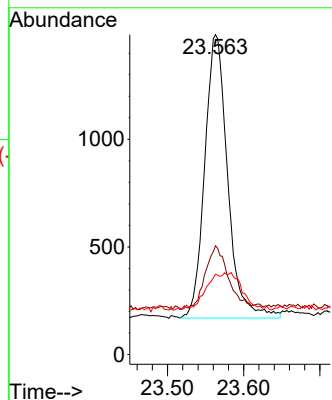
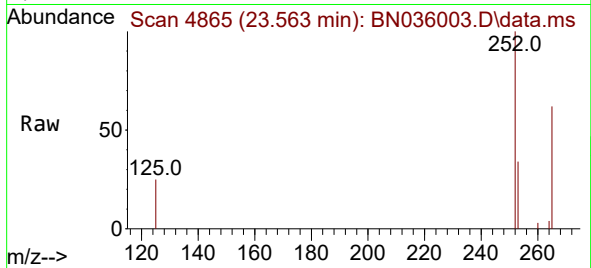




#26
Benzo(a)pyrene
Concen: 0.205 ng/ul
RT: 23.563 min Scan# 4865
Delta R.T. -0.000 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

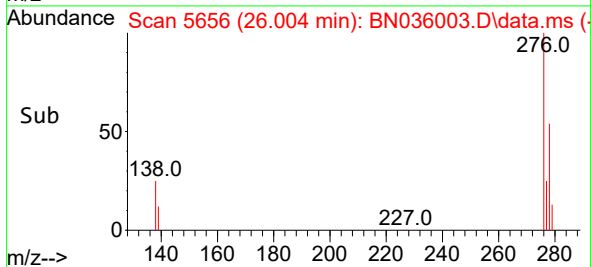
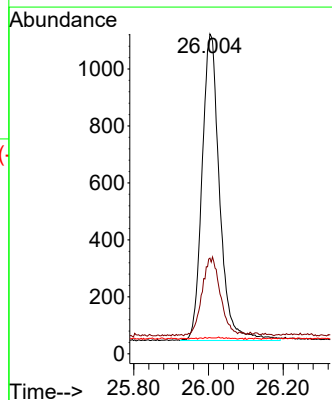
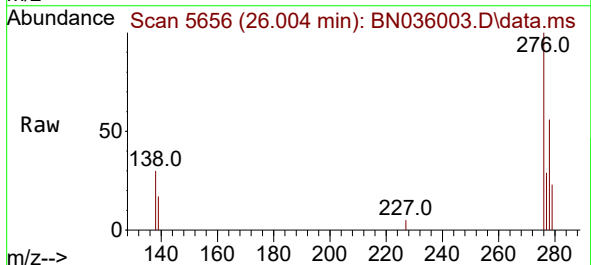
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

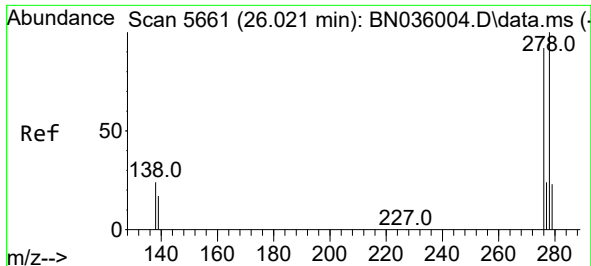
Tgt Ion:252 Resp: 2746
Ion Ratio Lower Upper
252 100
253 34.1 22.2 33.4#
125 25.1 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng/ul
RT: 26.004 min Scan# 5656
Delta R.T. -0.000 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

Tgt Ion:276 Resp: 3497
Ion Ratio Lower Upper
276 100
138 26.6 20.2 30.4
227 0.1 0.1 0.1

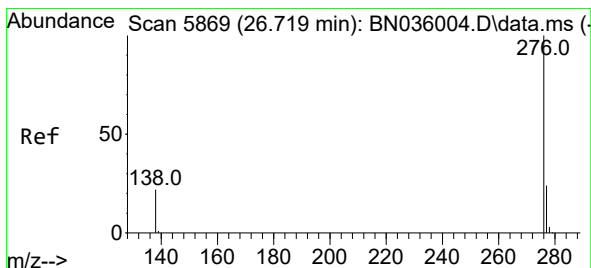
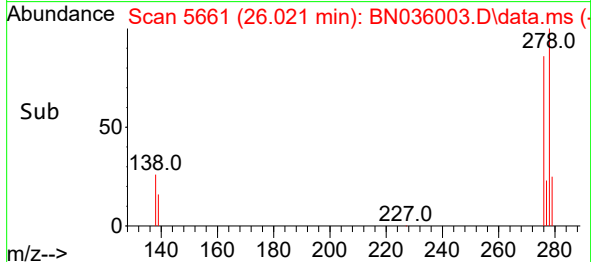
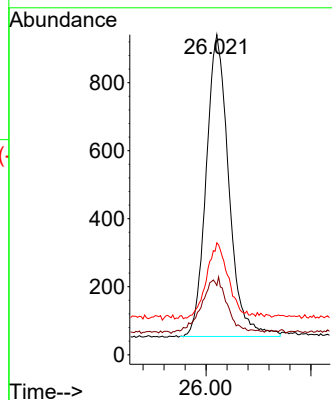
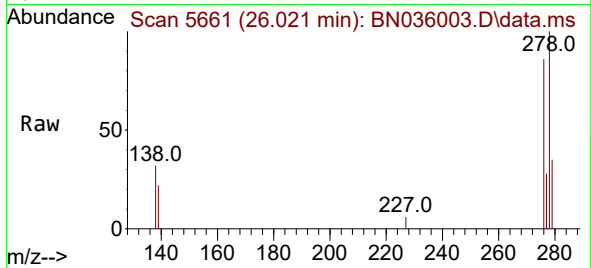




#28
Dibenzo(a,h)anthracene
Concen: 0.195 ng/ul
RT: 26.021 min Scan# 5661
Delta R.T. -0.000 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

Tgt Ion:278 Resp: 2651
Ion Ratio Lower Upper
278 100
139 21.7 15.4 23.2
279 35.0 22.2 33.4#



#29
Benzo(g,h,i)perylene
Concen: 0.197 ng/ul
RT: 26.718 min Scan# 5869
Delta R.T. -0.000 min
Lab File: BN036003.D
Acq: 21 Jan 2025 13:11

Tgt Ion:276 Resp: 2703
Ion Ratio Lower Upper
276 100
138 28.2 19.4 29.0
277 28.4 21.1 31.7

