

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036095.D
 Acq On : 29 Jan 2025 04:42
 Operator : RC/JU
 Sample : PB166308BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS308

Quant Time: Jan 29 08:08:38 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)

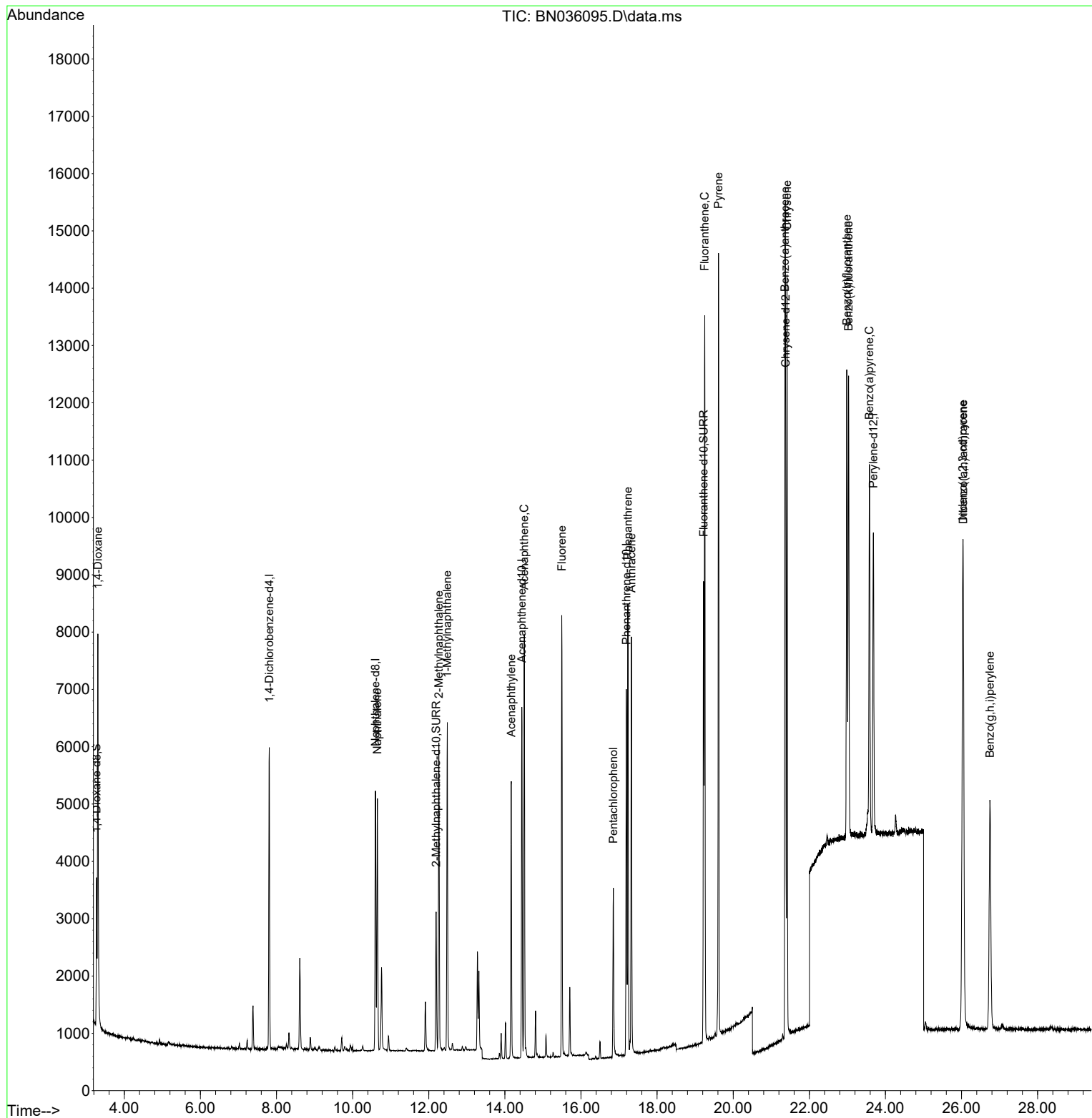
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	2541	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	5822	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.445	164	3330	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	7680	0.400	ng/ul	0.00
17) Chrysene-d12	21.378	240	7620	0.400	ng/ul	0.00
23) Perylene-d12	23.684	264	7067	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	1604	0.577	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	3148	0.428	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	9067	0.433	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.306	88	4421	1.489	ng/ul	91
5) Naphthalene	10.649	128	5808	0.362	ng/ul	100
7) 2-Methylnaphthalene	12.266	142	3626	0.364	ng/ul	99
8) 1-Methylnaphthalene	12.486	142	3680	0.364	ng/ul	99
10) Acenaphthylene	14.168	152	5414	0.345	ng/ul	99
11) Acenaphthene	14.510	153	4144	0.359	ng/ul	98
12) Fluorene	15.496	166	4716	0.370	ng/ul	100
14) Pentachlorophenol	16.849	266	2062	0.766	ng/ul	99
15) Phenanthrene	17.233	178	8374	0.372	ng/ul	99
16) Anthracene	17.326	178	7790	0.373	ng/ul	99
19) Fluoranthene	19.252	202	10610	0.366	ng/ul	98
20) Pyrene	19.615	202	11304	0.374	ng/ul	99
21) Benzo(a)anthracene	21.363	228	11038	0.406	ng/ul	99
22) Chrysene	21.416	228	11116	0.400	ng/ul	98
24) Benzo(b)fluoranthene	22.985	252	10194	0.432	ng/ul	91
25) Benzo(k)fluoranthene	23.032	252	10211	0.412	ng/ul#	91
26) Benzo(a)pyrene	23.579	252	8891	0.417	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.032	276	10727	0.381	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.045	278	8423	0.388	ng/ul	94
29) Benzo(g,h,i)perylene	26.749	276	8346	0.381	ng/ul	97

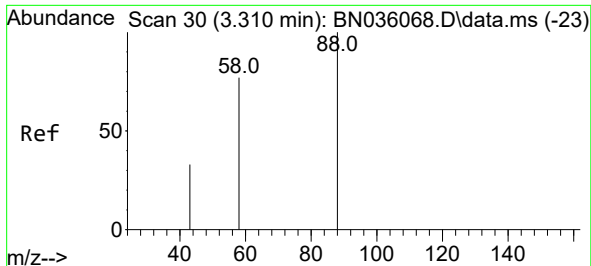
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



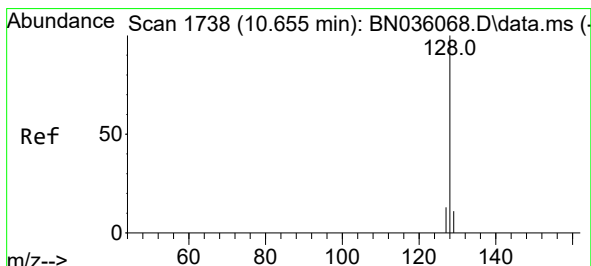
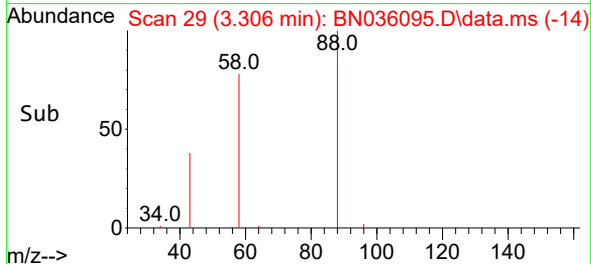
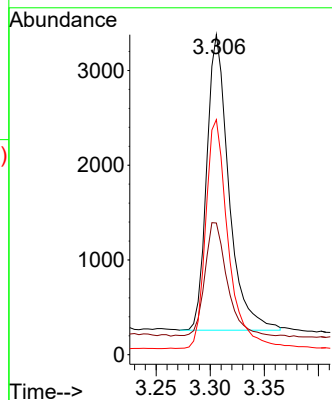
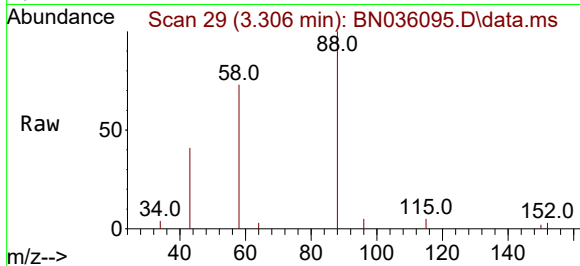


#2
 1,4-Dioxane
 Concen: 1.489 ng/ul
 RT: 3.306 min Scan# 29
 Delta R.T. -0.008 min
 Lab File: BN036095.D
 Acq: 29 Jan 2025 04:42

Instrument :
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Tgt Ion: 88 Resp: 4421

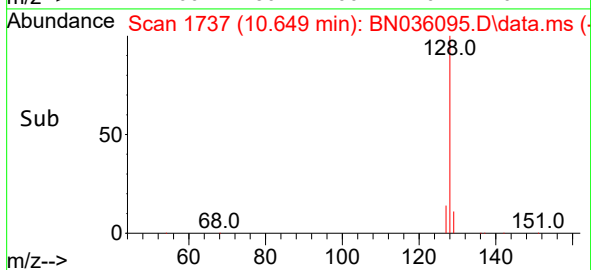
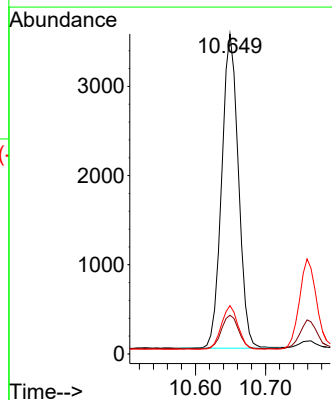
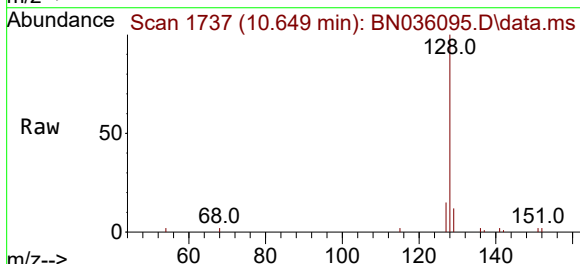
Ion	Ratio	Lower	Upper
88	100		
43	41.2	40.7	61.1
58	73.5	55.2	82.8

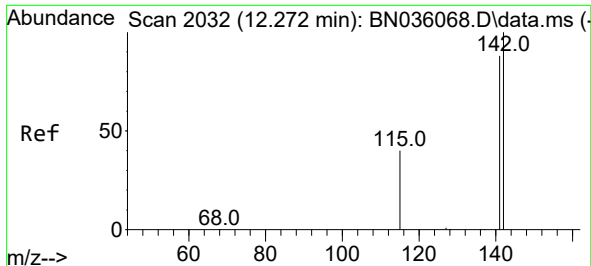


#5
 Naphthalene
 Concen: 0.362 ng/ul
 RT: 10.649 min Scan# 1737
 Delta R.T. -0.005 min
 Lab File: BN036095.D
 Acq: 29 Jan 2025 04:42

Tgt Ion: 128 Resp: 5808

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	15.1	12.0	18.0

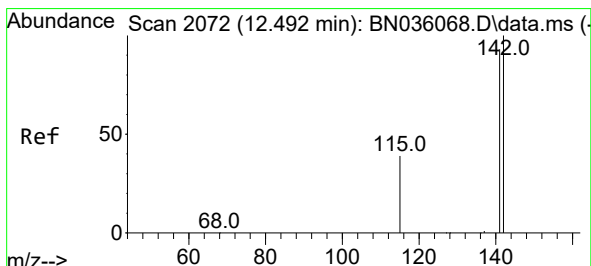
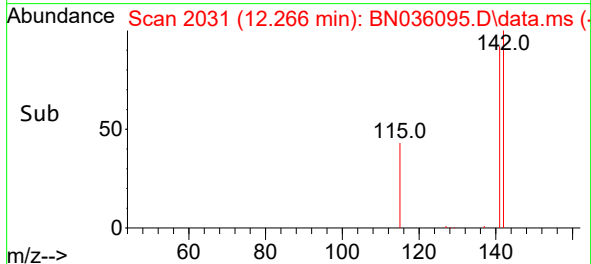
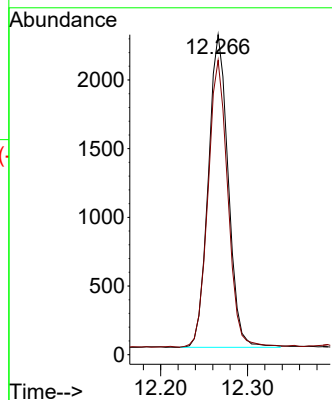
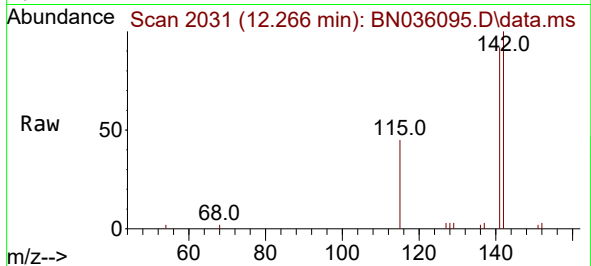




#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.266 min Scan# 2031
Delta R.T. -0.005 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

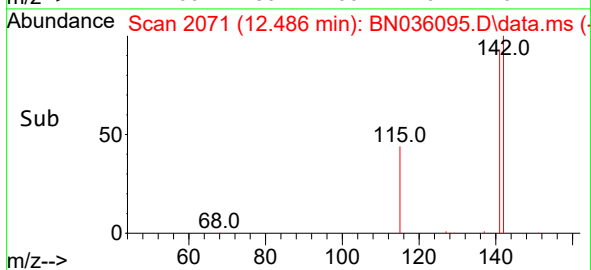
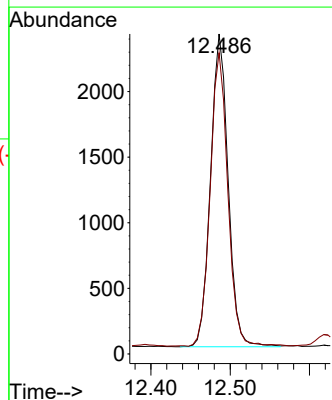
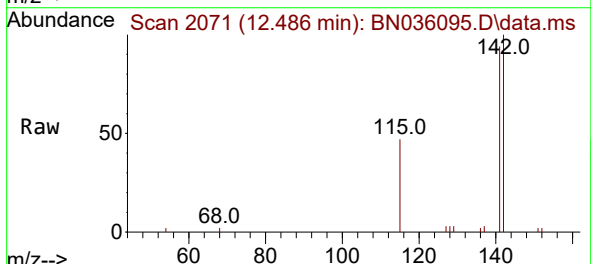
Instrument :
BNA_N
ClientSampleId :
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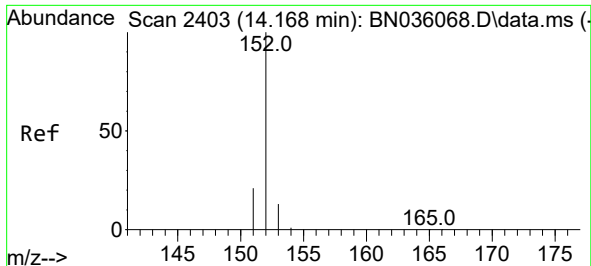
Tgt Ion:142 Resp: 3626
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

Tgt Ion:142 Resp: 3680
Ion Ratio Lower Upper
142 100
141 93.5 75.2 112.8

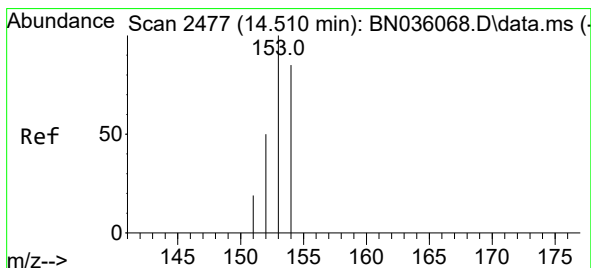
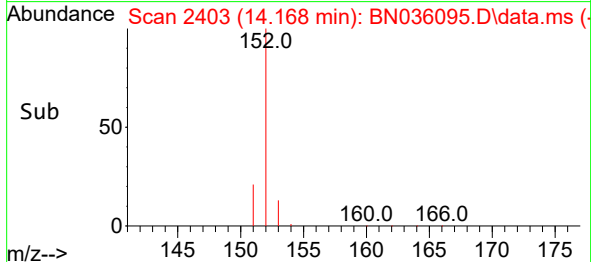
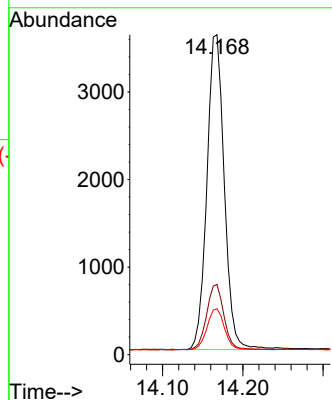
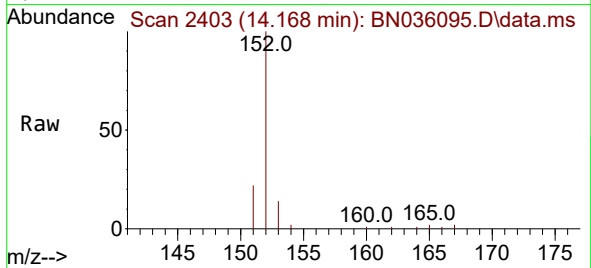




#10
Acenaphthylene
Concen: 0.345 ng/ul
RT: 14.168 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

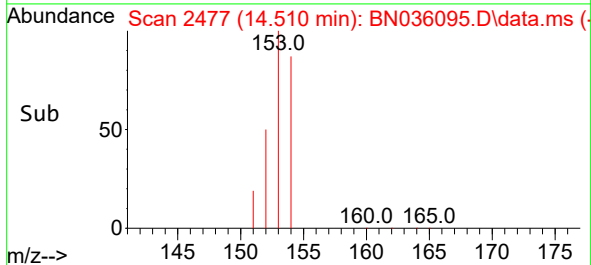
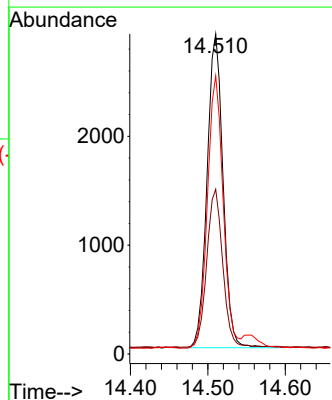
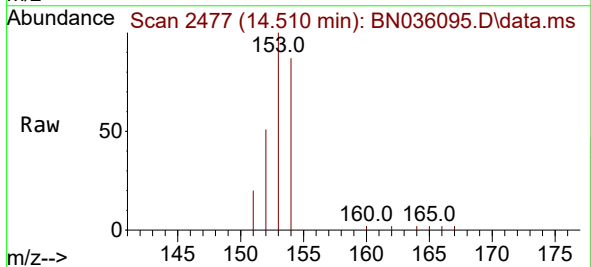
Instrument :
BNA_N
ClientSampleId :
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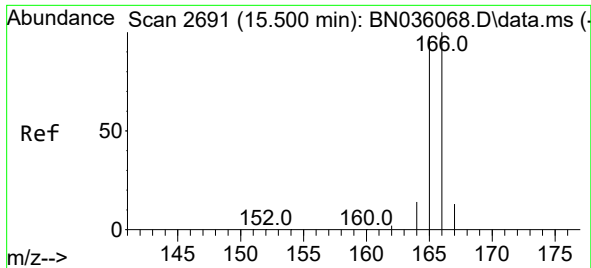
Tgt Ion:152 Resp: 5414
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2
153 14.4 11.9 17.9



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

Tgt Ion:153 Resp: 4144
Ion Ratio Lower Upper
153 100
152 51.5 43.2 64.8
154 86.9 70.5 105.7

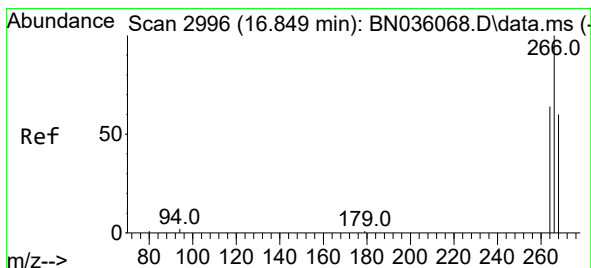
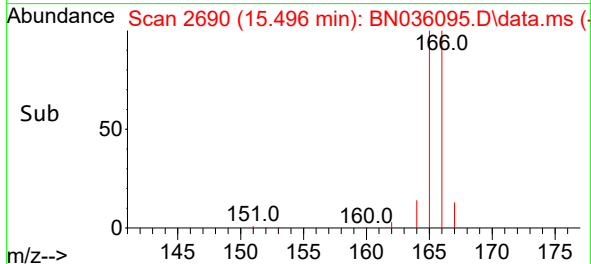
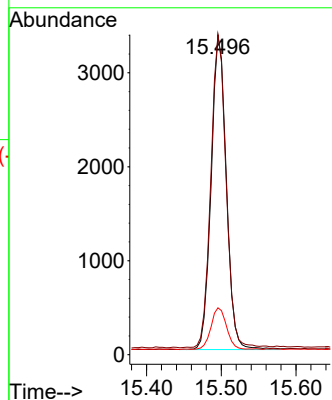
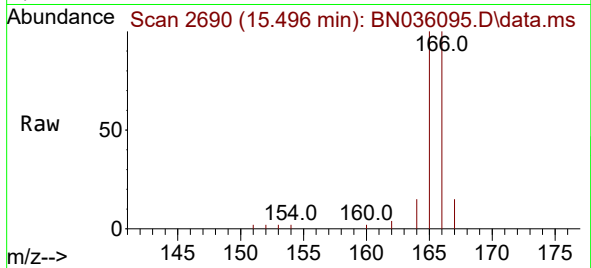




#12
 Fluorene
 Concen: 0.370 ng/ul
 RT: 15.496 min Scan# 2691
 Delta R.T. -0.005 min
 Lab File: BN036095.D
 Acq: 29 Jan 2025 04:42

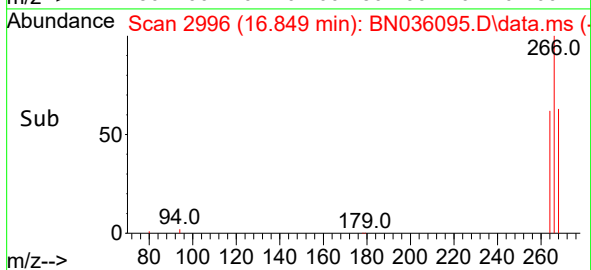
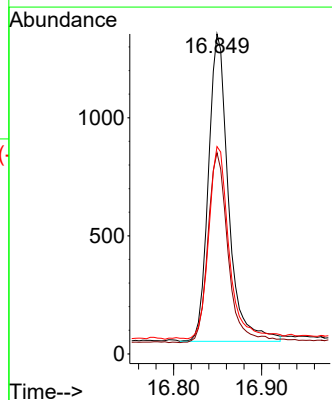
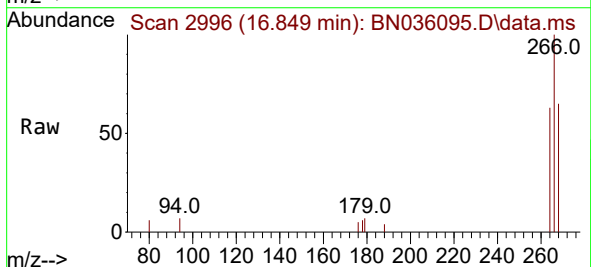
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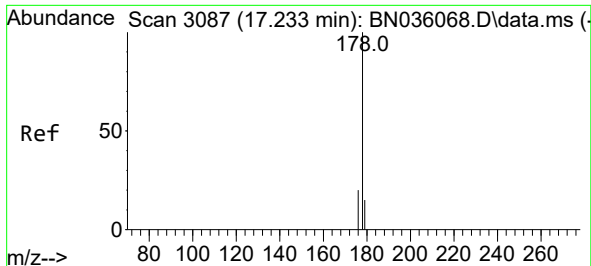
Tgt Ion:166 Resp: 4716
 Ion Ratio Lower Upper
 166 100
 165 100.2 80.3 120.5
 167 14.7 12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.766 ng/ul
 RT: 16.849 min Scan# 2996
 Delta R.T. 0.009 min
 Lab File: BN036095.D
 Acq: 29 Jan 2025 04:42

Tgt Ion:266 Resp: 2062
 Ion Ratio Lower Upper
 266 100
 264 62.3 50.6 75.8
 268 63.8 50.6 75.8

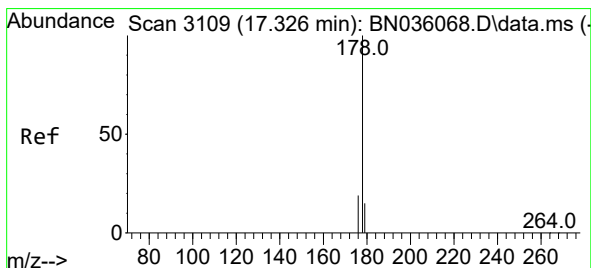
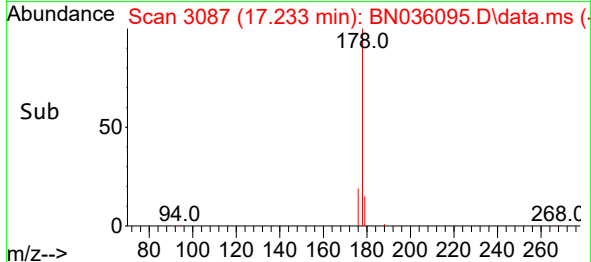
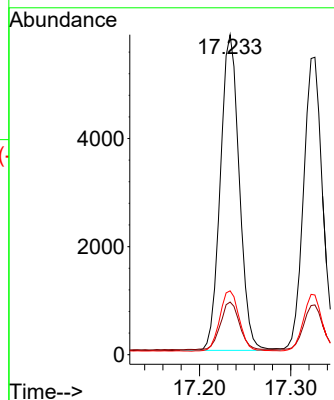
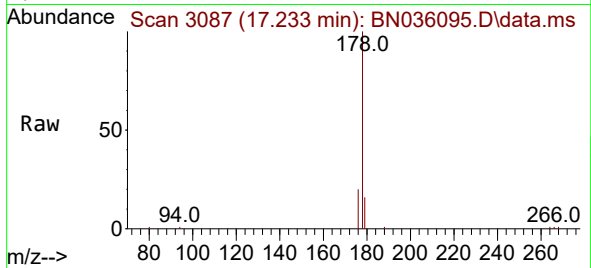




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.233 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

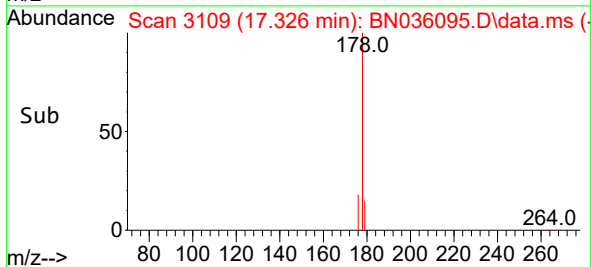
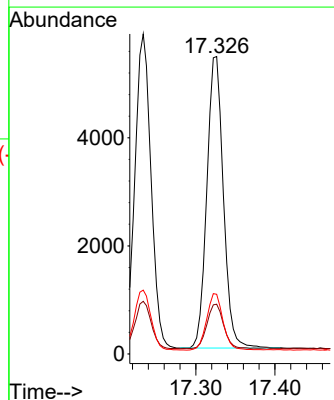
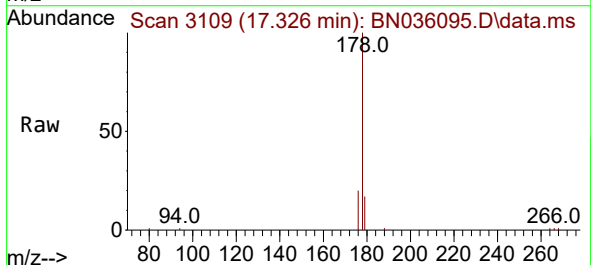
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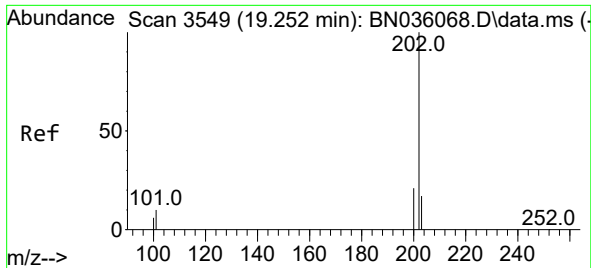
Tgt Ion:178 Resp: 8374
Ion Ratio Lower Upper
178 100
179 16.5 13.2 19.8
176 19.9 16.8 25.2



#16
Anthracene
Concen: 0.373 ng/ul
RT: 17.326 min Scan# 3109
Delta R.T. 0.004 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

Tgt Ion:178 Resp: 7790
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.4
176 20.0 15.9 23.9

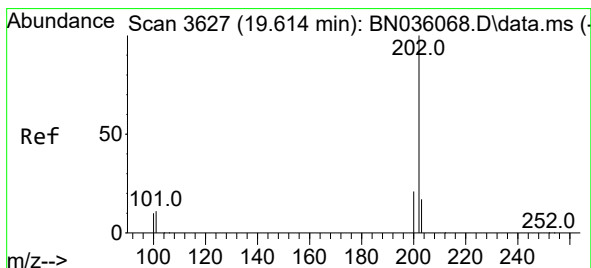
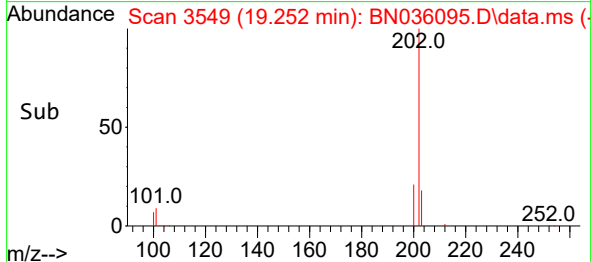
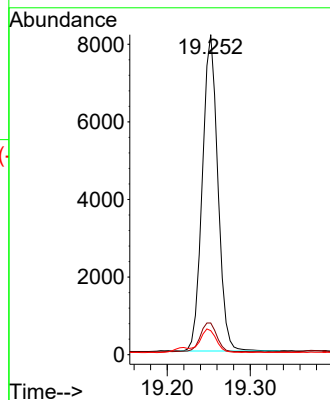
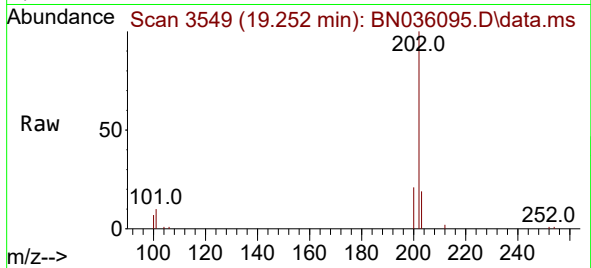




#19
Fluoranthene
Concen: 0.366 ng/ul
RT: 19.252 min Scan# 3549
Delta R.T. 0.005 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

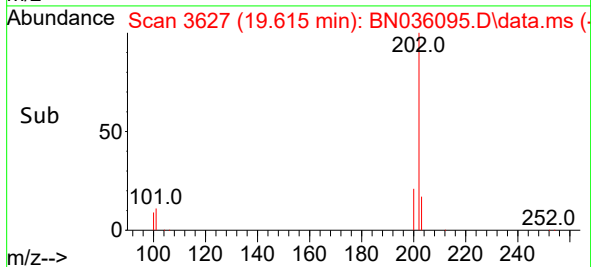
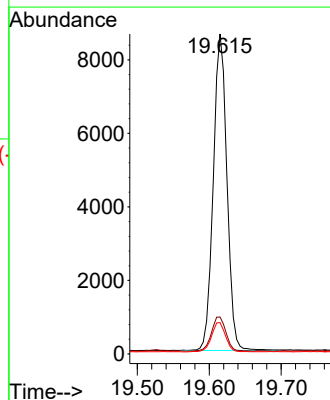
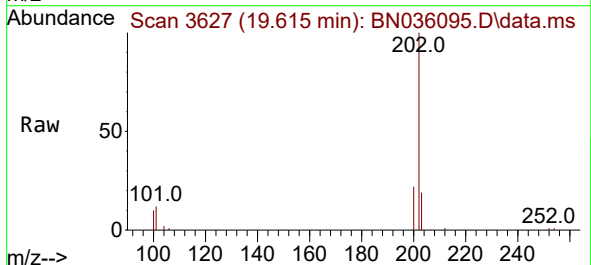
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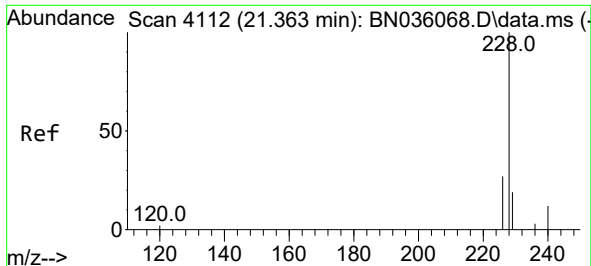
Tgt Ion:202 Resp: 10610
Ion Ratio Lower Upper
202 100
101 9.9 8.4 12.6
100 7.5 6.5 9.7



#20
Pyrene
Concen: 0.374 ng/ul
RT: 19.615 min Scan# 3627
Delta R.T. 0.005 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

Tgt Ion:202 Resp: 11304
Ion Ratio Lower Upper
202 100
101 11.5 9.3 13.9
100 9.8 7.5 11.3

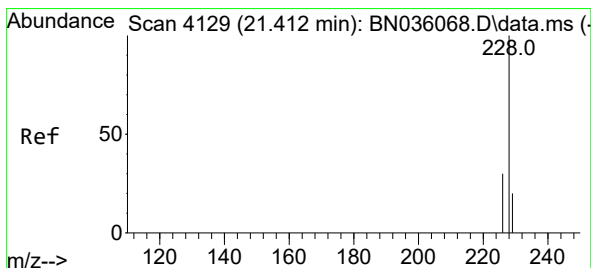
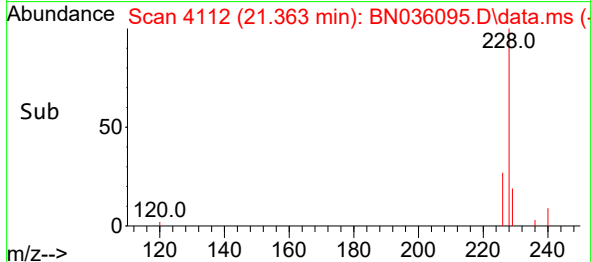
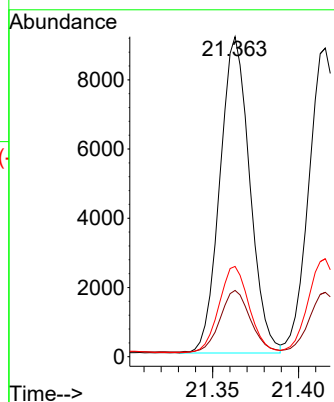
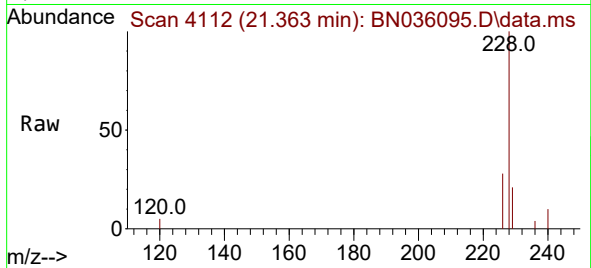




#21
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 21.363 min Scan# 4112
Delta R.T. 0.009 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

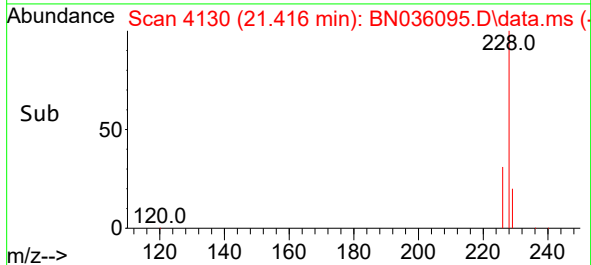
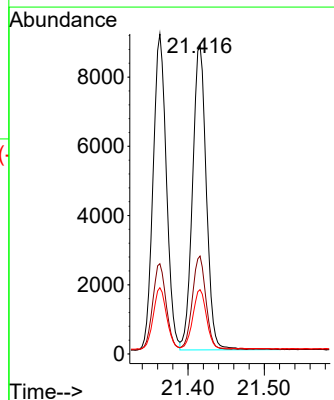
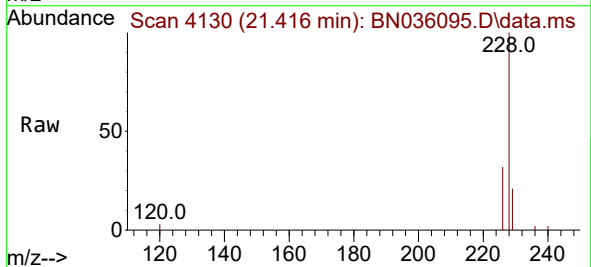
Instrument :
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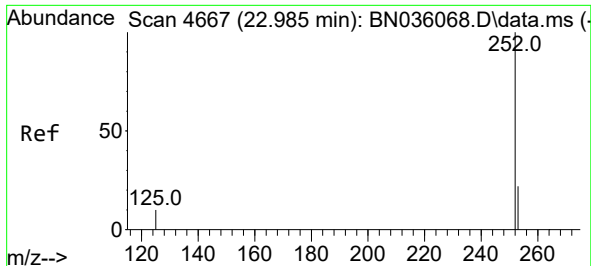
Tgt Ion:228 Resp: 11038
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 28.2 22.8 34.2



#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.416 min Scan# 4130
Delta R.T. 0.009 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

Tgt Ion:228 Resp: 11116
Ion Ratio Lower Upper
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226 31.7 24.4 36.6
229 20.8 15.9 23.9

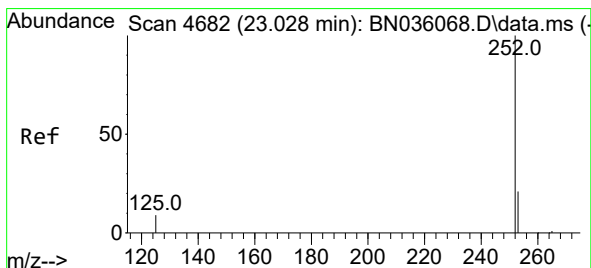
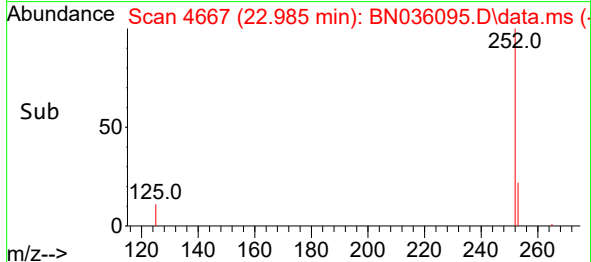
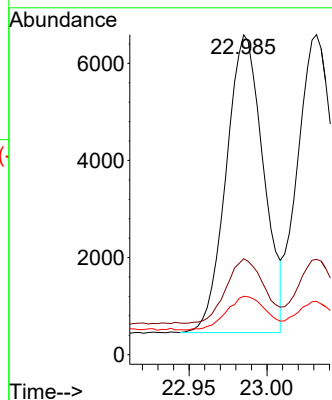
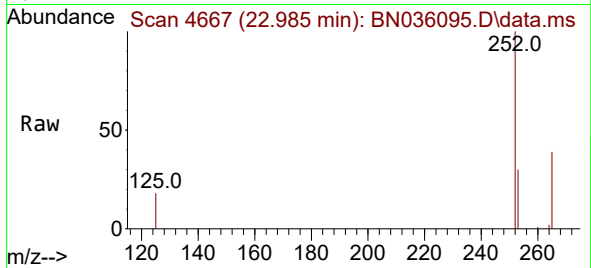




#24
Benzo(b)fluoranthene
Concen: 0.432 ng/ul
RT: 22.985 min Scan# 4667
Delta R.T. 0.012 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

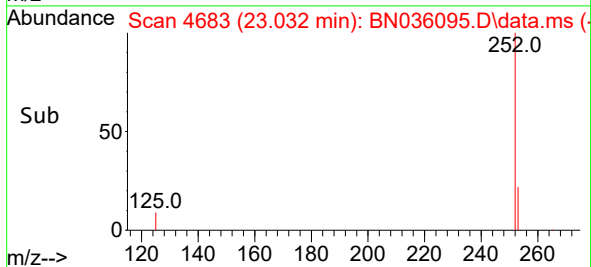
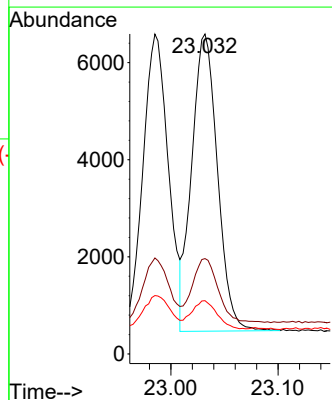
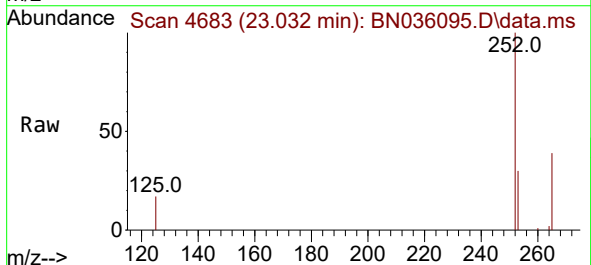
Instrument :
BNA_N
ClientSampleId :
SLCS308

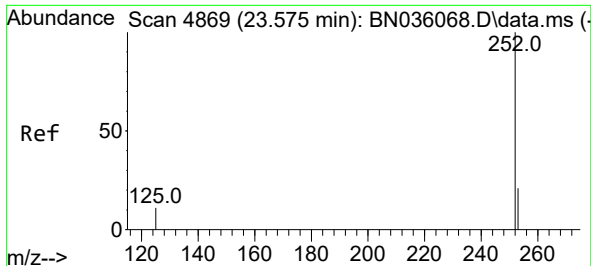
Tgt Ion:252 Resp: 10194
Ion Ratio Lower Upper
252 100
253 30.0 0.0 51.2
125 18.3 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.412 ng/ul
RT: 23.032 min Scan# 4683
Delta R.T. 0.012 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

Tgt Ion:252 Resp: 10211
Ion Ratio Lower Upper
252 100
253 29.8 20.2 30.4
125 16.6 10.6 16.0#

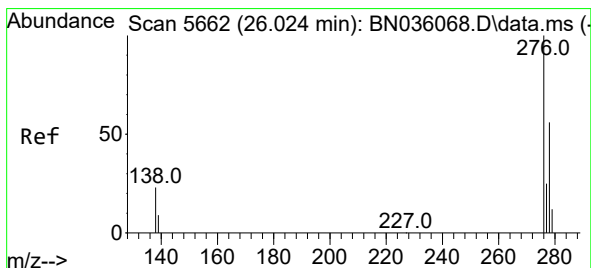
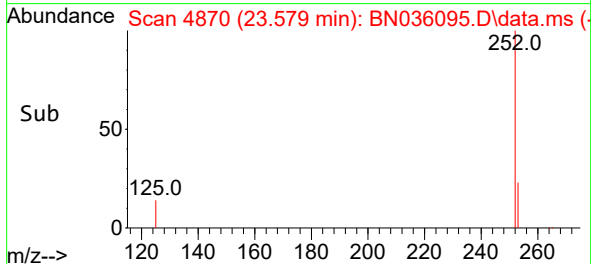
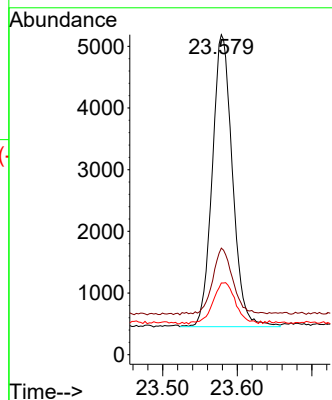
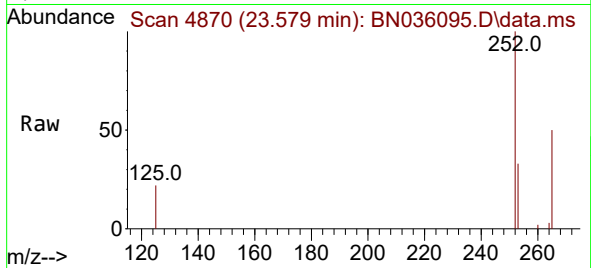




#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.579 min Scan# 4869
Delta R.T. 0.015 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

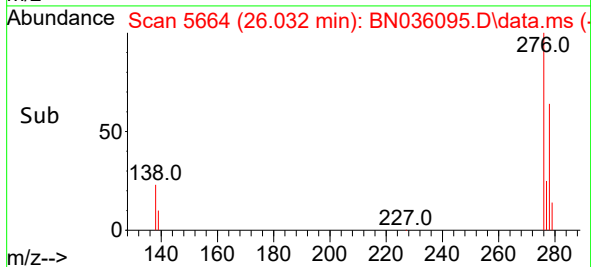
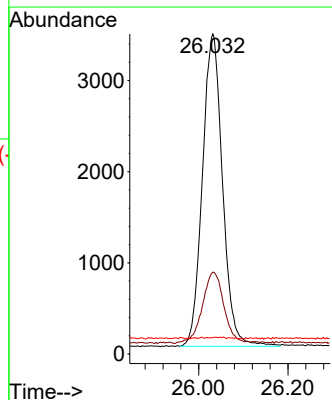
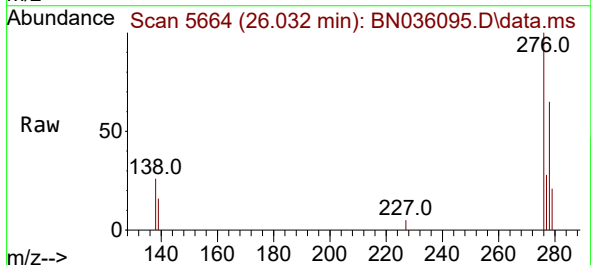
Instrument :
BNA_N
ClientSampleId :
SLCS308

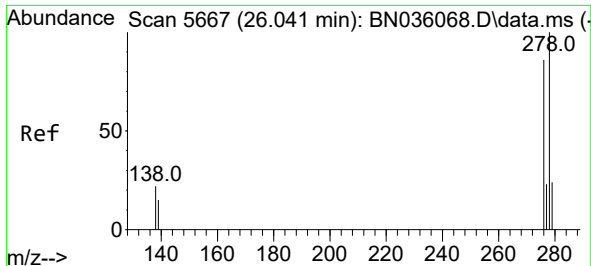
Tgt Ion:252 Resp: 8891
Ion Ratio Lower Upper
252 100
253 33.3 22.2 33.4
125 22.4 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul
RT: 26.032 min Scan# 5664
Delta R.T. 0.027 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

Tgt Ion:276 Resp: 10727
Ion Ratio Lower Upper
276 100
138 24.7 20.2 30.4
227 0.2 0.1 0.1#



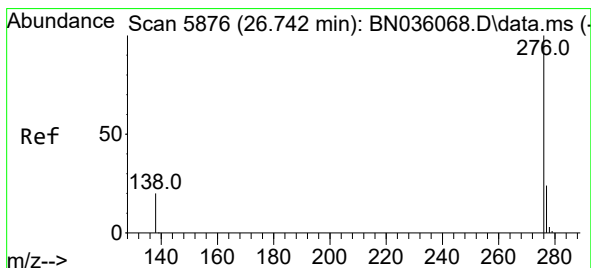
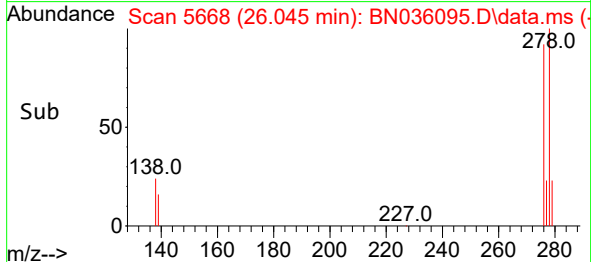
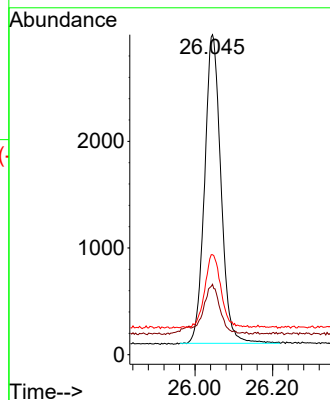
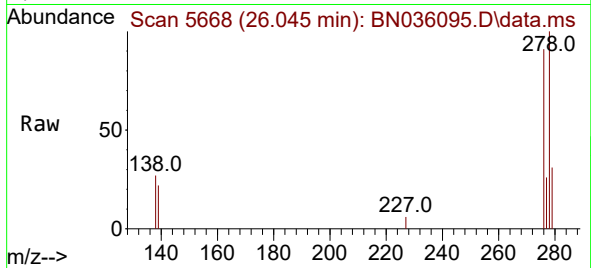


#28
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 26.045 min Scan# 5668
Delta R.T. 0.024 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

Instrument :
BNA_N
ClientSampleId :
SLCS308

Tgt Ion:278 Resp: 8423

Ion	Ratio	Lower	Upper
278	100		
139	22.0	15.4	23.2
279	31.2	22.2	33.4



#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 26.749 min Scan# 5878
Delta R.T. 0.031 min
Lab File: BN036095.D
Acq: 29 Jan 2025 04:42

Tgt Ion:276 Resp: 8346

Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.4	29.0
277	28.7	21.1	31.7

