

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012425\
 Data File : BN036026.D
 Acq On : 24 Jan 2025 15:54
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4384

Quant Time: Jan 24 23:19:11 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)

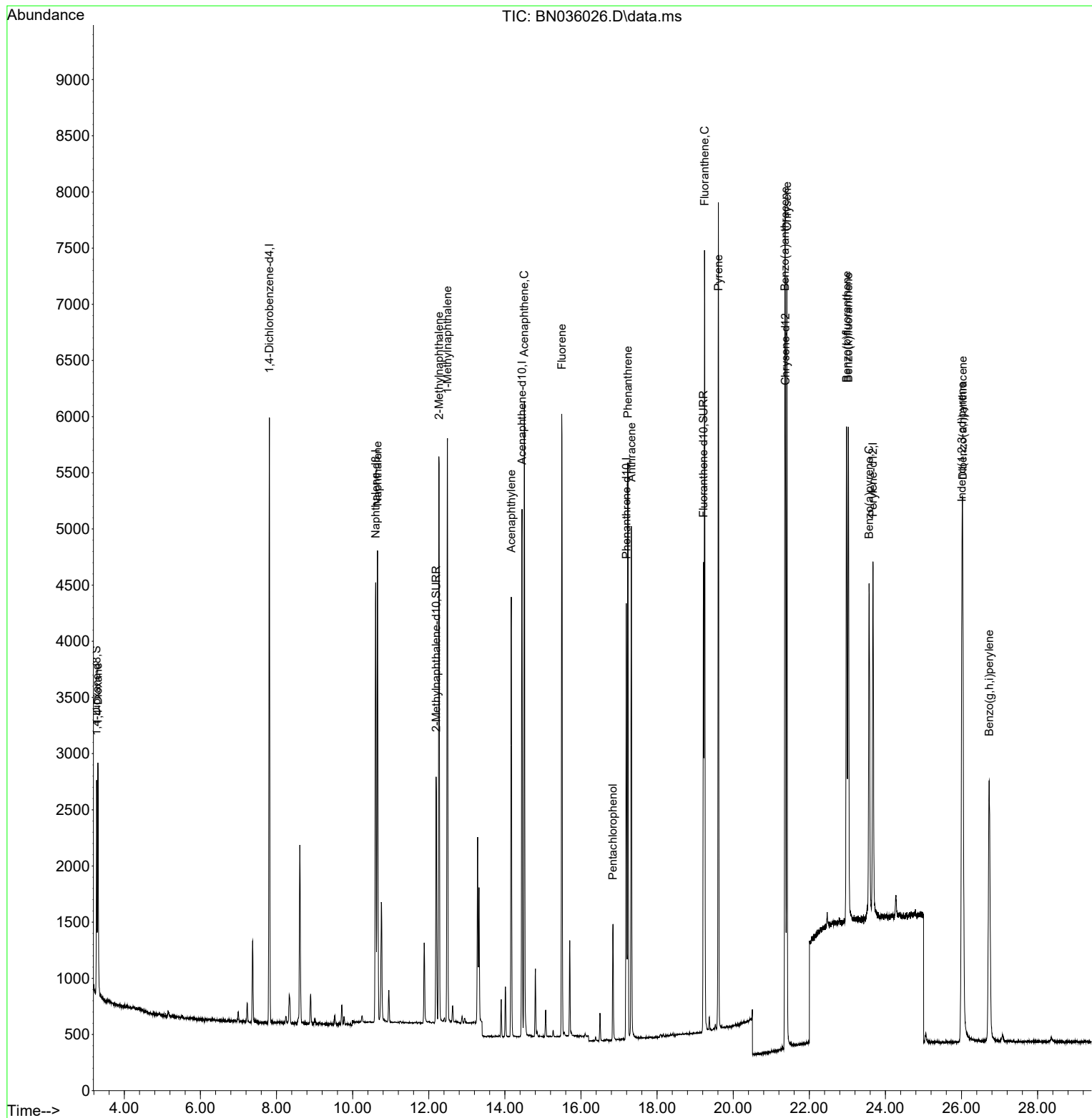
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2539	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	5085	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	2431	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	4485	0.400	ng/ul	0.00
17) Chrysene-d12	21.374	240	4017	0.400	ng/ul	0.00
23) Perylene-d12	23.671	264	4249	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	1091	0.392	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	2718	0.423	ng/ul	0.00
18) Fluoranthene-d10	19.219	212	4532	0.411	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	1221	0.411	ng/ul	95
5) Naphthalene	10.655	128	5590	0.399	ng/ul	99
7) 2-Methylnaphthalene	12.271	142	3372	0.388	ng/ul	100
8) 1-Methylnaphthalene	12.491	142	3439	0.389	ng/ul	99
10) Acenaphthylene	14.168	152	4303	0.376	ng/ul	99
11) Acenaphthene	14.510	153	3096	0.367	ng/ul	98
12) Fluorene	15.495	166	3380	0.363	ng/ul	99
14) Pentachlorophenol	16.841	266	673	0.428	ng/ul	98
15) Phenanthrene	17.233	178	5257	0.400	ng/ul	99
16) Anthracene	17.322	178	4791	0.393	ng/ul	100
19) Fluoranthene	19.247	202	5979	0.392	ng/ul	99
20) Pyrene	19.610	202	6218	0.390	ng/ul	99
21) Benzo(a)anthracene	21.359	228	5594	0.390	ng/ul	99
22) Chrysene	21.412	228	5815	0.397	ng/ul	99
24) Benzo(b)fluoranthene	22.979	252	5674	0.400	ng/ul	100
25) Benzo(k)fluoranthene	23.025	252	6027	0.404	ng/ul	99
26) Benzo(a)pyrene	23.569	252	4788	0.374	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.011	276	6718	0.397	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.031	278	5283	0.405	ng/ul	98
29) Benzo(g,h,i)perylene	26.729	276	5199	0.395	ng/ul	97

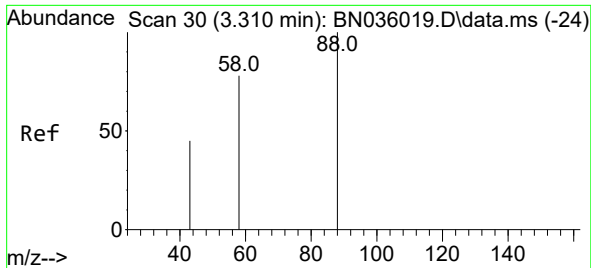
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012425\
Data File : BN036026.D
Acq On : 24 Jan 2025 15:54
Operator : RC/JU
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4384

Quant Time: Jan 24 23:19:11 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

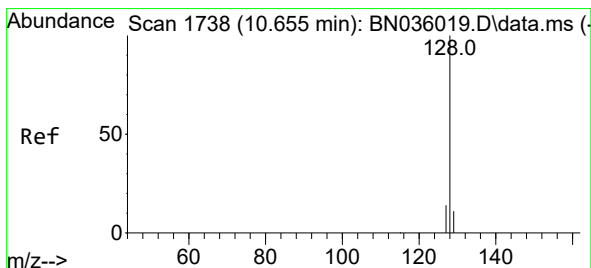
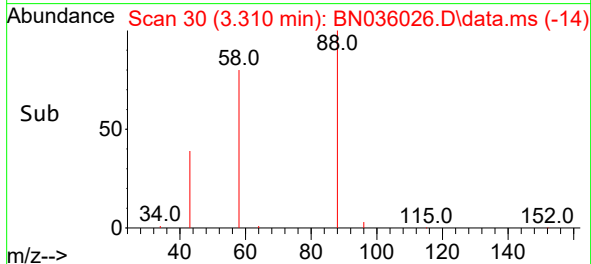
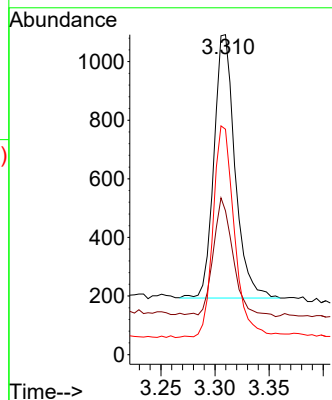
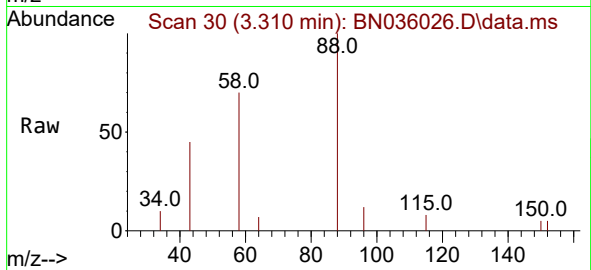




#2
 1,4-Dioxane
 Concen: 0.411 ng/ul
 RT: 3.310 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BN036026.D
 Acq: 24 Jan 2025 15:54

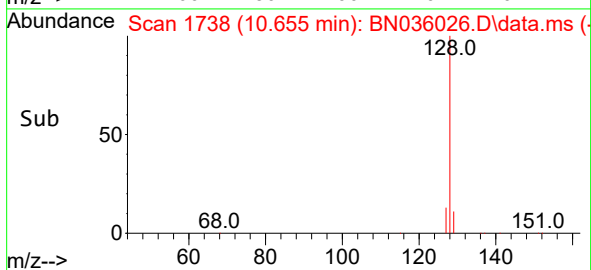
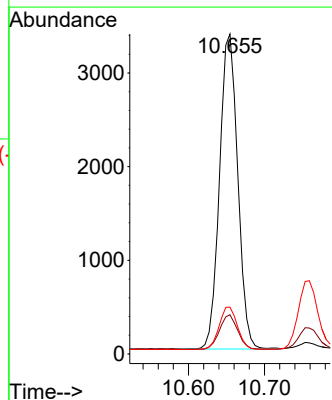
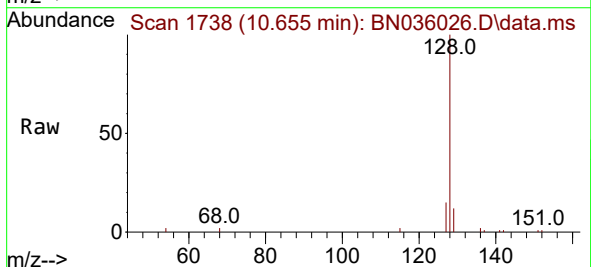
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4384

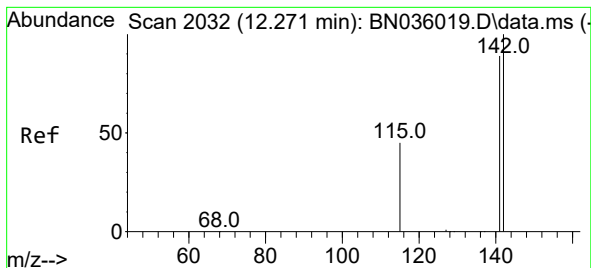
Tgt Ion: 88 Resp: 1221
 Ion Ratio Lower Upper
 88 100
 43 45.0 40.7 61.1
 58 70.4 55.2 82.8



#5
 Naphthalene
 Concen: 0.399 ng/ul
 RT: 10.655 min Scan# 1738
 Delta R.T. -0.000 min
 Lab File: BN036026.D
 Acq: 24 Jan 2025 15:54

Tgt Ion:128 Resp: 5590
 Ion Ratio Lower Upper
 128 100
 129 12.2 9.6 14.4
 127 14.7 12.0 18.0

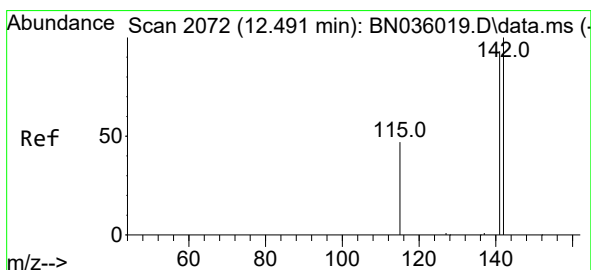
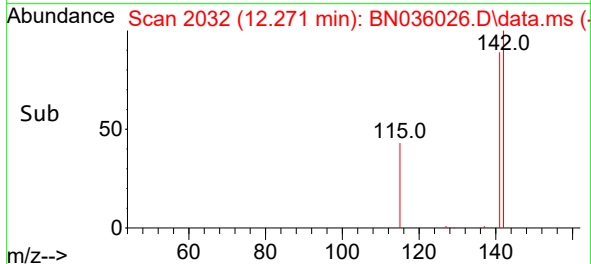
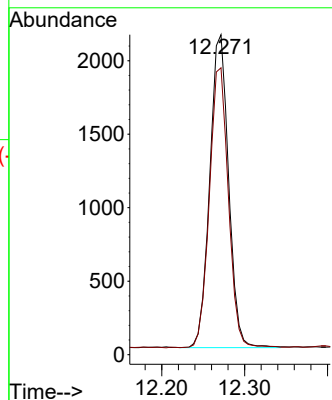
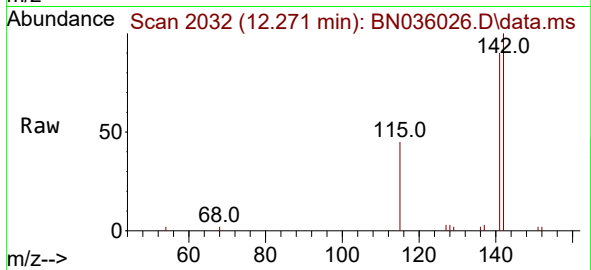




#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.271 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

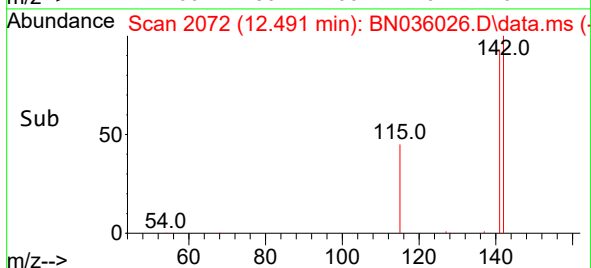
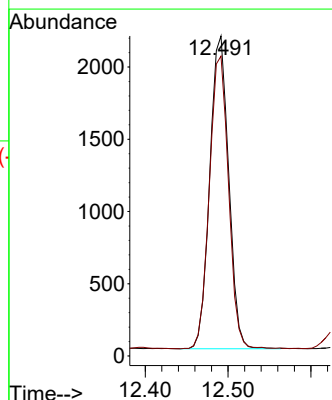
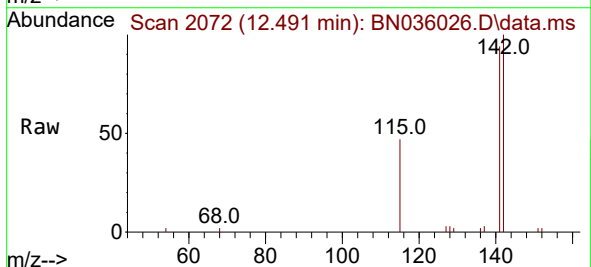
Instrument :
BNA_N
ClientSampleId :
SSTD0.4384

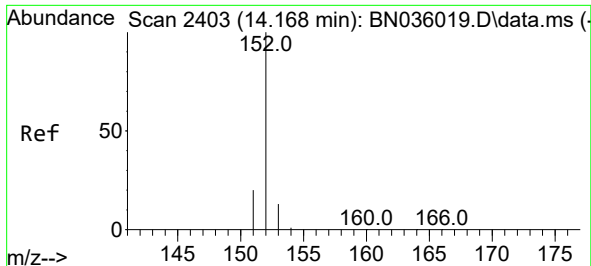
Tgt Ion:142 Resp: 3372
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

Tgt Ion:142 Resp: 3439
Ion Ratio Lower Upper
142 100
141 94.7 75.2 112.8

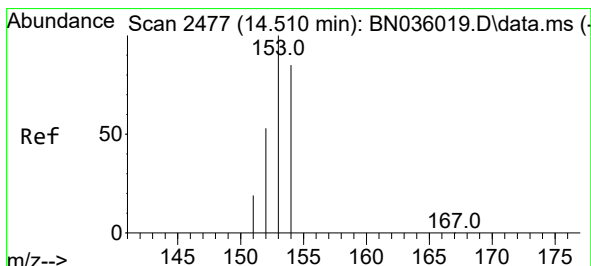
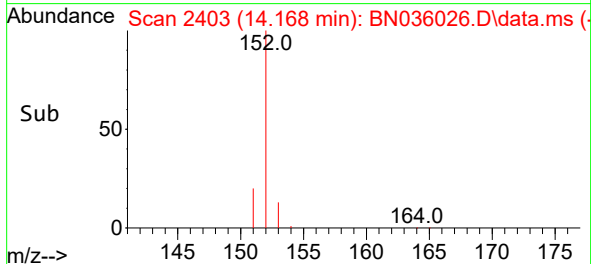
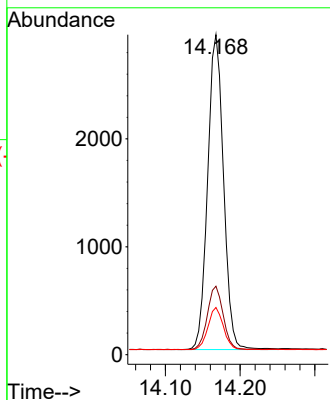
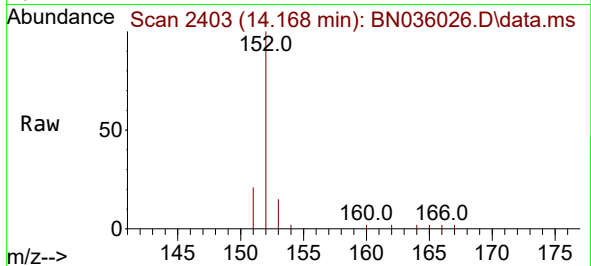




#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 14.168 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

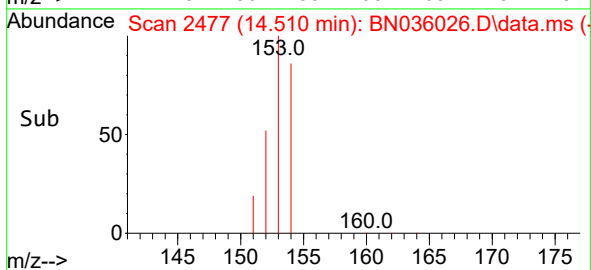
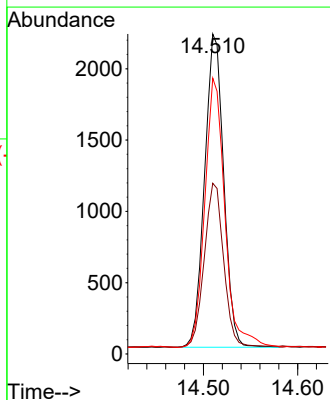
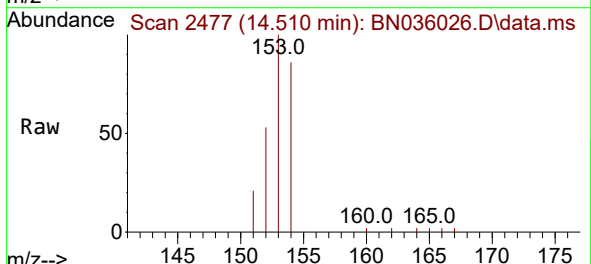
Instrument :
BNA_N
ClientSampleId :
SSTD0.4384

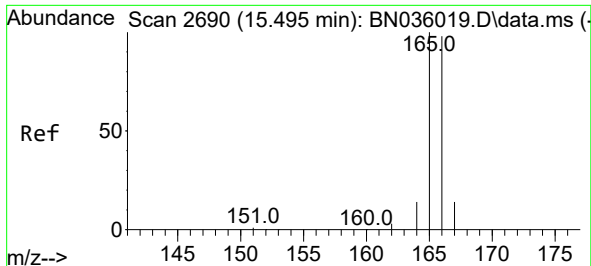
Tgt Ion:152 Resp: 4303
Ion Ratio Lower Upper
152 100
151 21.4 17.4 26.2
153 14.7 11.9 17.9



#11
Acenaphthene
Concen: 0.367 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

Tgt Ion:153 Resp: 3096
Ion Ratio Lower Upper
153 100
152 53.3 43.2 64.8
154 86.2 70.5 105.7

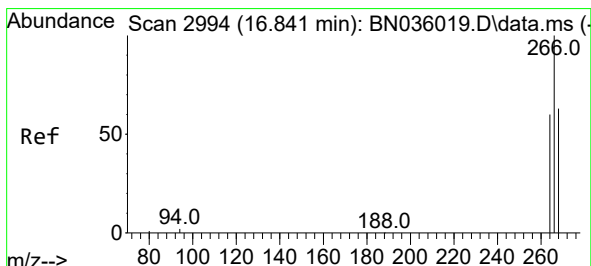
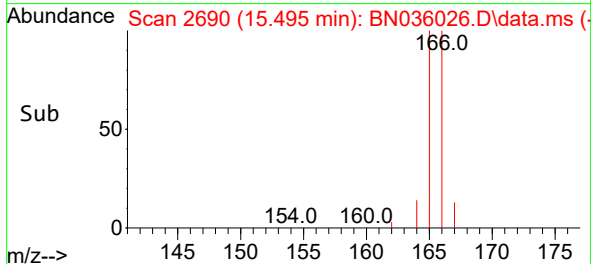
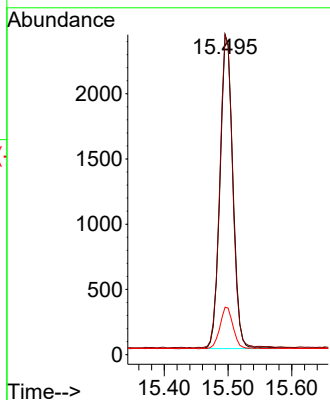
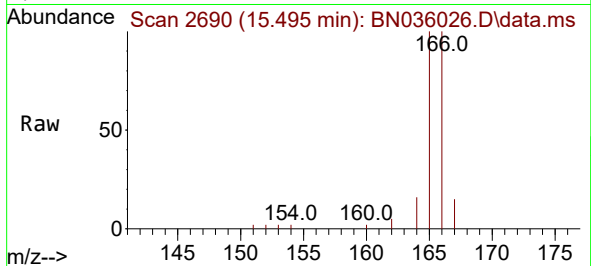




#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.495 min Scan# 2690
Delta R.T. -0.005 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

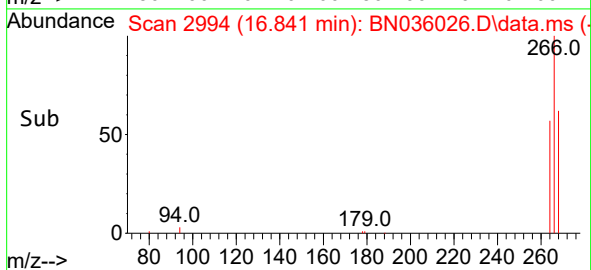
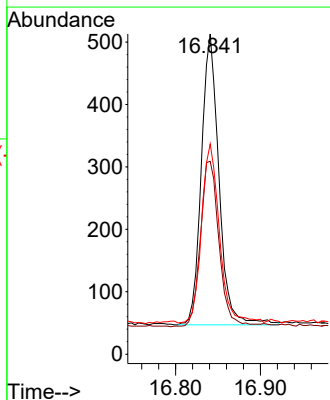
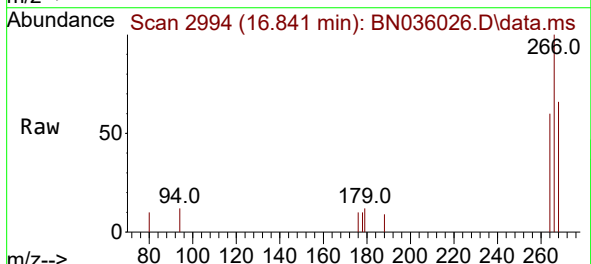
Instrument :
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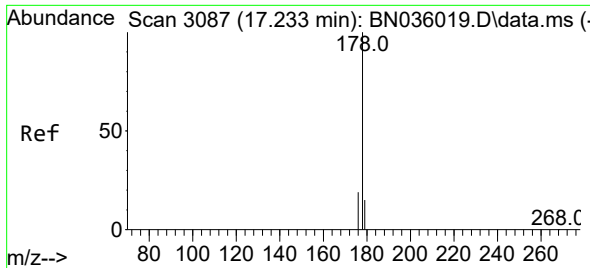
Tgt Ion:166 Resp: 3380
Ion Ratio Lower Upper
166 100
165 100.0 80.3 120.5
167 14.8 12.3 18.5



#14
Pentachlorophenol
Concen: 0.428 ng/ul
RT: 16.841 min Scan# 2994
Delta R.T. -0.000 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

Tgt Ion:266 Resp: 673
Ion Ratio Lower Upper
266 100
264 60.9 50.6 75.8
268 62.4 50.6 75.8

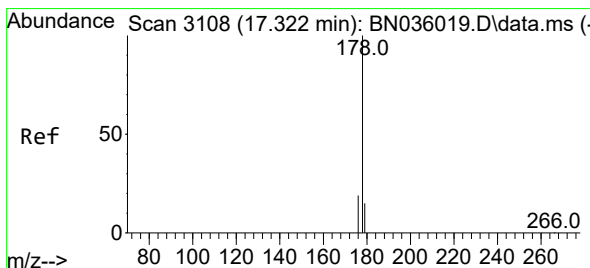
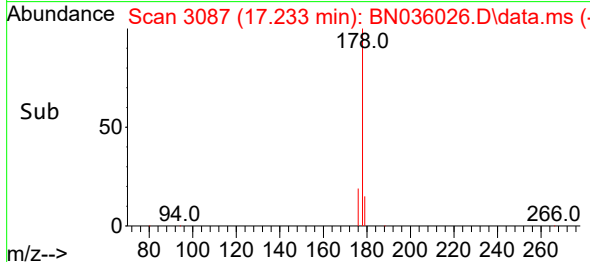
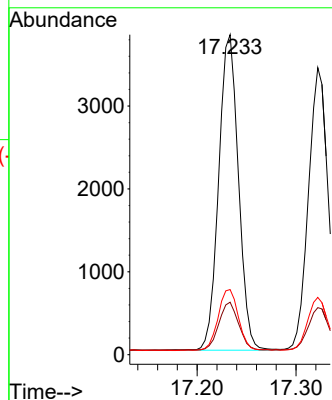
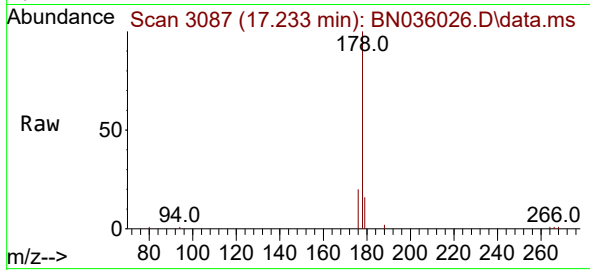




#15
Phenanthrene
Concen: 0.400 ng/ul
RT: 17.233 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

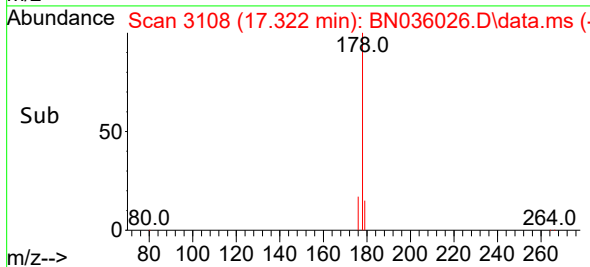
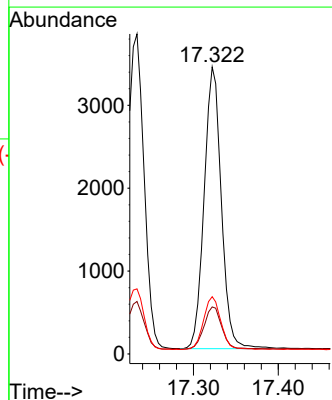
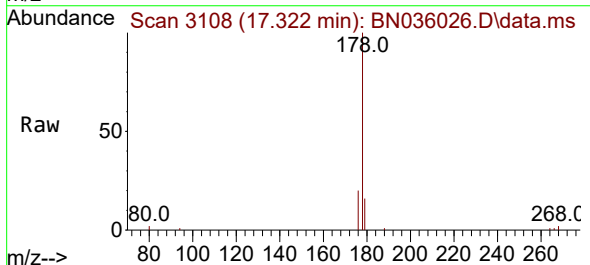
Instrument :
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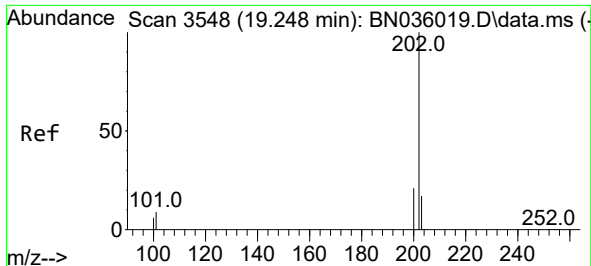
Tgt Ion:178 Resp: 5257
Ion Ratio Lower Upper
178 100
179 16.4 13.2 19.8
176 20.4 16.8 25.2



#16
Anthracene
Concen: 0.393 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

Tgt Ion:178 Resp: 4791
Ion Ratio Lower Upper
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179 16.4 13.0 19.4
176 20.0 15.9 23.9

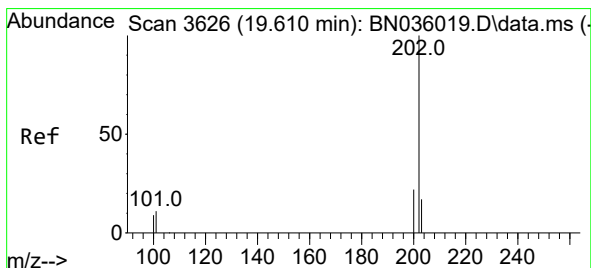
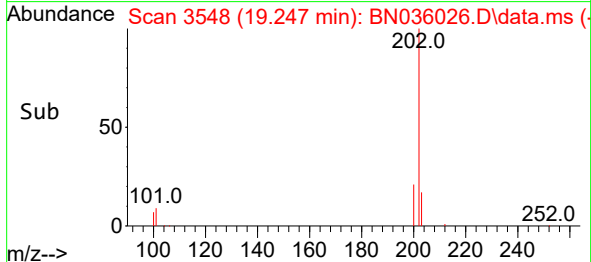
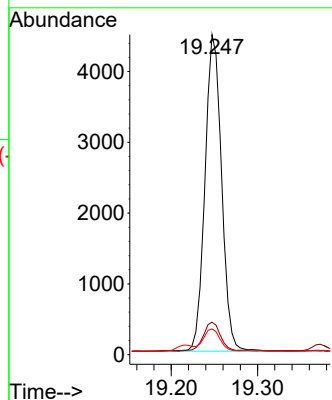
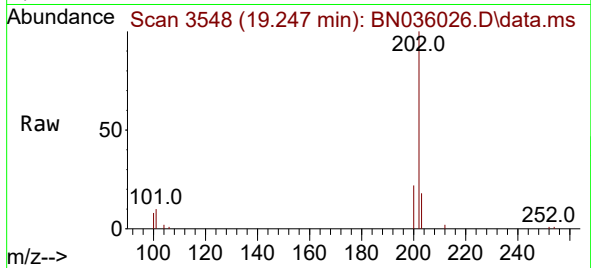




#19
Fluoranthene
Concen: 0.392 ng/ul
RT: 19.247 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

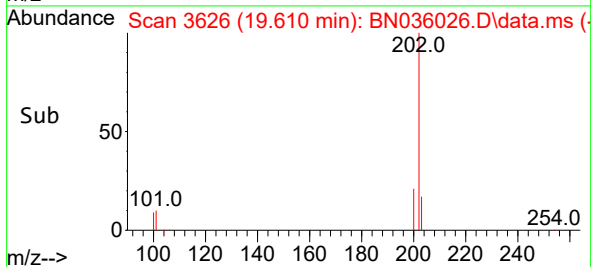
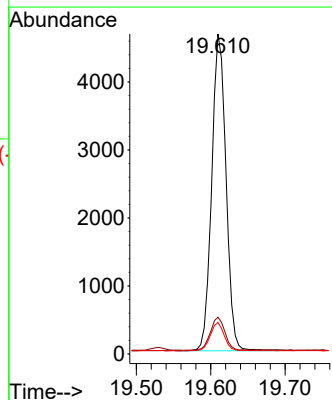
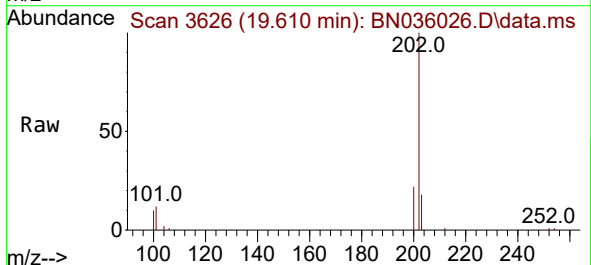
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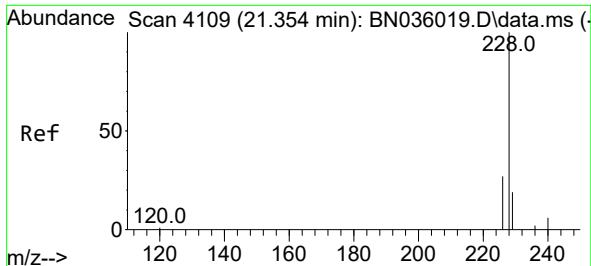
Tgt Ion:202 Resp: 5979
Ion Ratio Lower Upper
202 100
101 10.2 8.4 12.6
100 8.0 6.5 9.7



#20
Pyrene
Concen: 0.390 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. -0.000 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

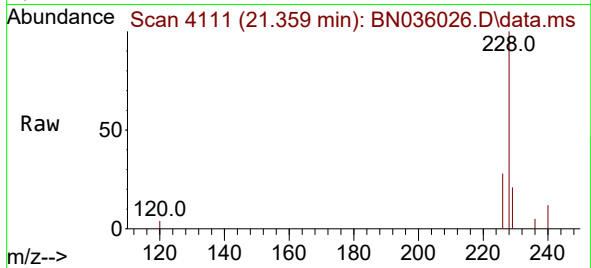
Tgt Ion:202 Resp: 6218
Ion Ratio Lower Upper
202 100
101 11.5 9.3 13.9
100 9.9 7.5 11.3



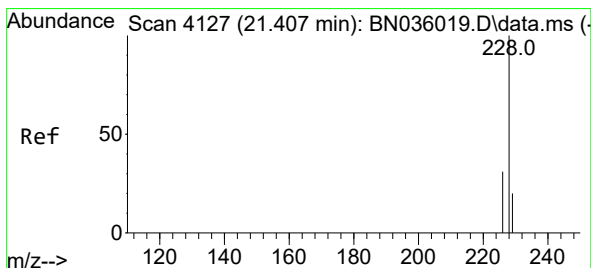
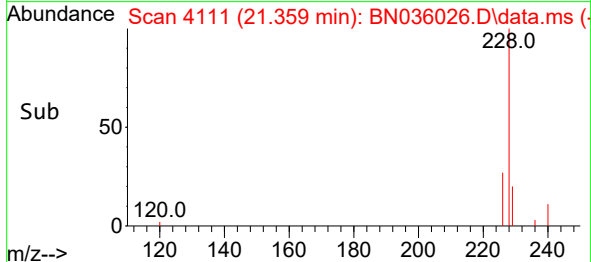
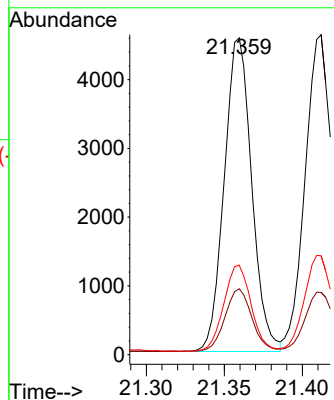


#21
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.359 min Scan# 4111
Delta R.T. 0.006 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.4384

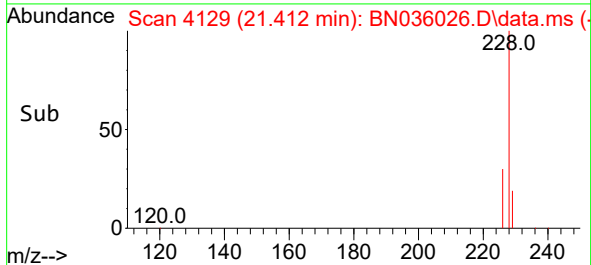
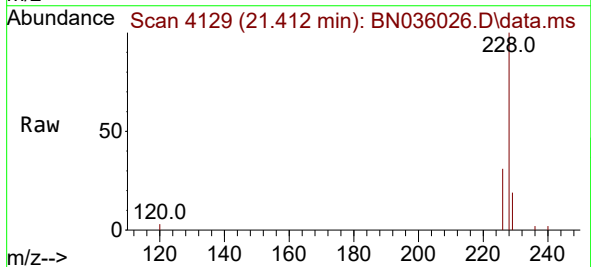
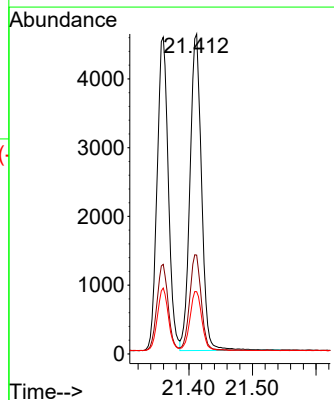


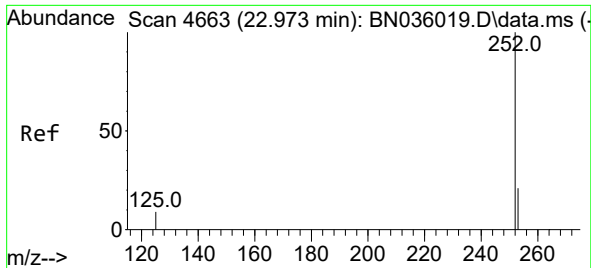
Tgt Ion:228 Resp: 5594
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 28.3 22.8 34.2



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.412 min Scan# 4129
Delta R.T. 0.006 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

Tgt Ion:228 Resp: 5815
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 19.4 15.9 23.9

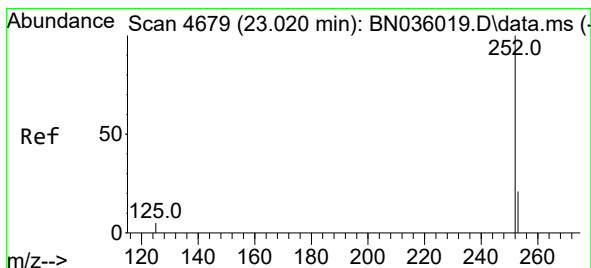
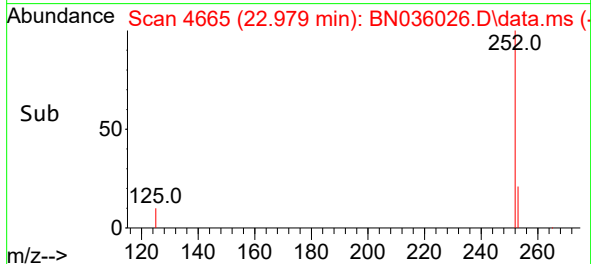
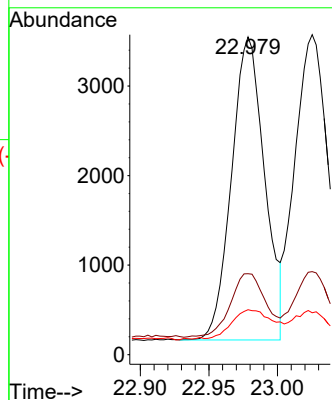
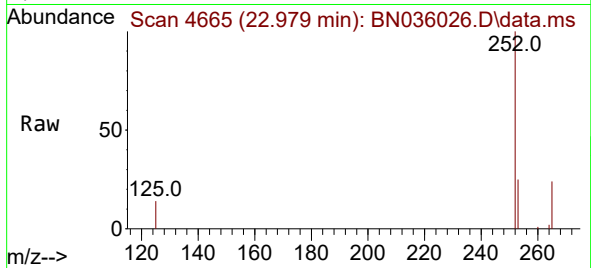




#24
Benzo(b)fluoranthene
Concen: 0.400 ng/ul
RT: 22.979 min Scan# 4665
Delta R.T. 0.006 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

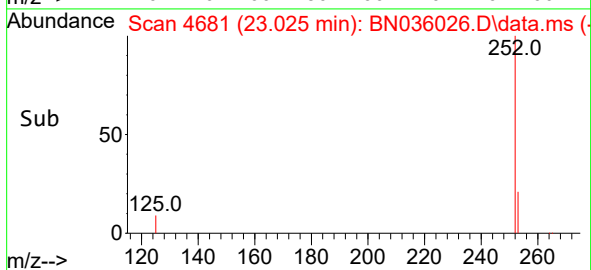
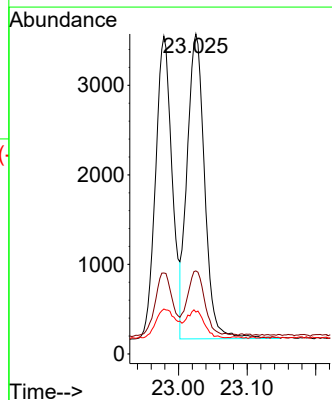
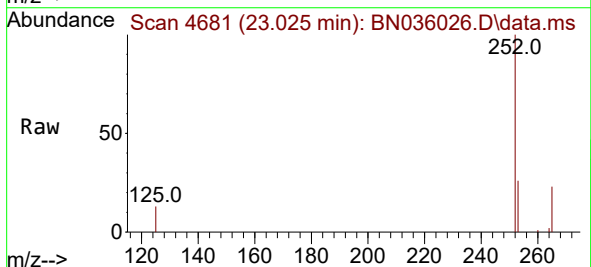
Instrument :
BNA_N
ClientSampleId :
SSTD0.4384

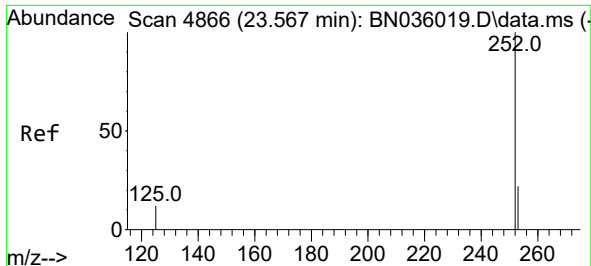
Tgt Ion:252 Resp: 5674
Ion Ratio Lower Upper
252 100
253 25.5 0.0 51.2
125 14.1 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.404 ng/ul
RT: 23.025 min Scan# 4681
Delta R.T. 0.006 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

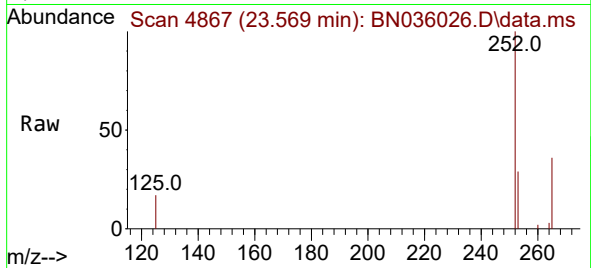
Tgt Ion:252 Resp: 6027
Ion Ratio Lower Upper
252 100
253 26.0 20.2 30.4
125 13.1 10.6 16.0



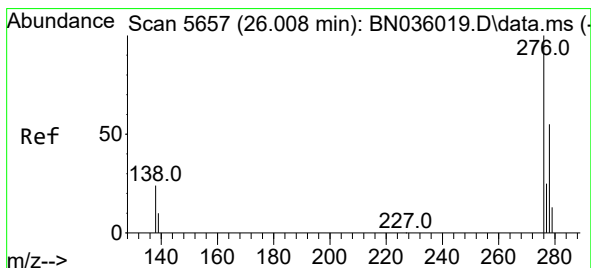
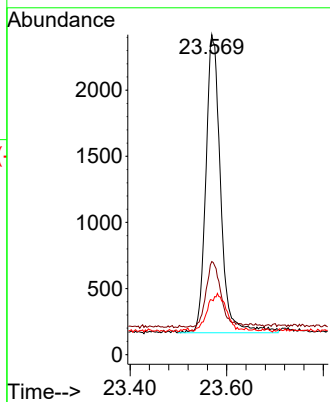
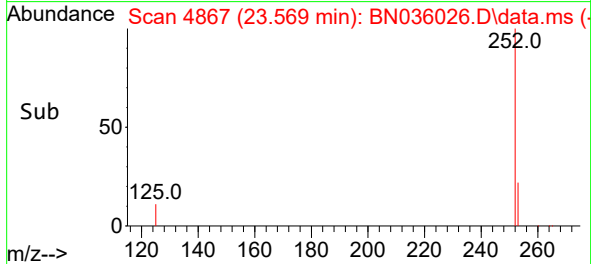


#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.569 min Scan# 4866
Delta R.T. 0.006 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.4384

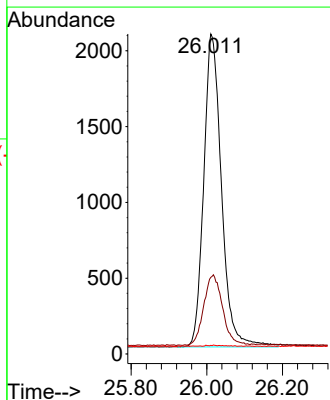
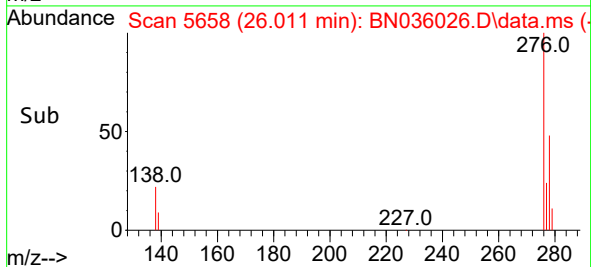
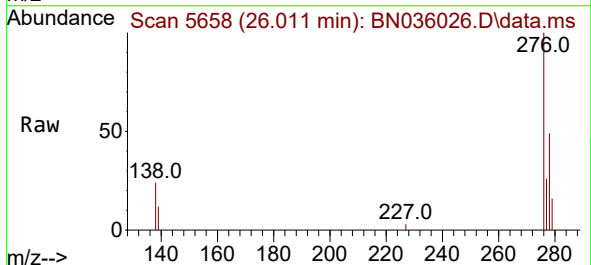


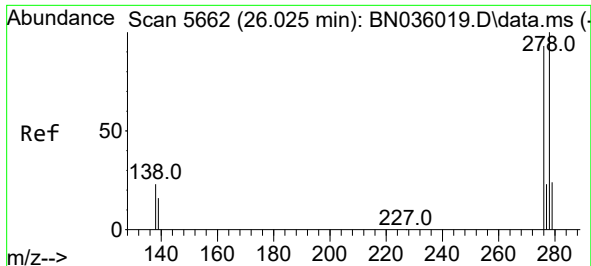
Tgt Ion:	252	Resp:	4788
Ion Ratio	Lower	Upper	
252	100		
253	29.1	22.2	33.4
125	17.1	13.1	19.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 26.011 min Scan# 5658
Delta R.T. 0.007 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

Tgt Ion:	276	Resp:	6718
Ion Ratio	Lower	Upper	
276	100		
138	23.9	20.2	30.4
227	0.3	0.1	0.1

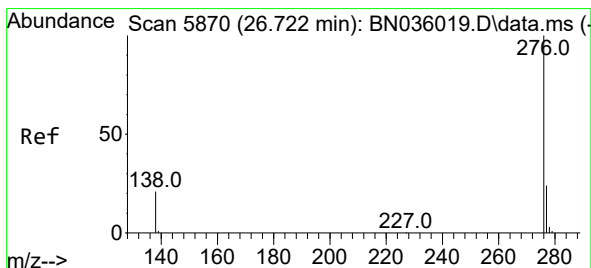
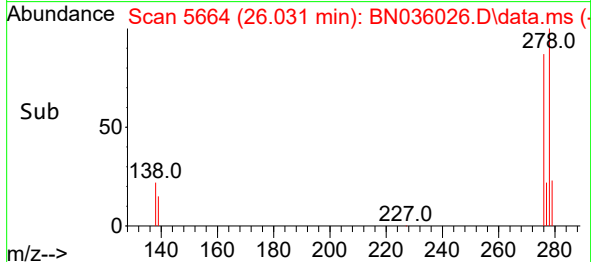
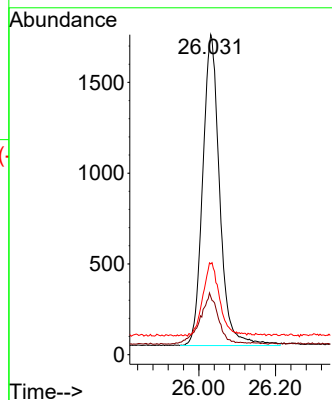
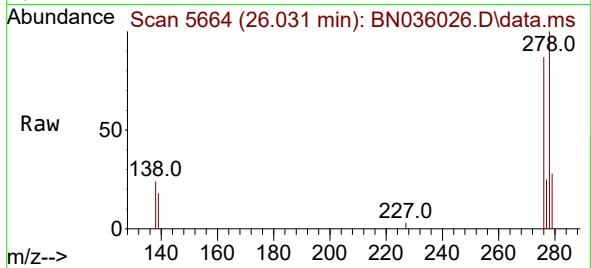




#28
Dibenzo(a,h)anthracene
Concen: 0.405 ng/ul
RT: 26.031 min Scan# 5664
Delta R.T. 0.010 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.4384

Tgt Ion:278 Resp: 5283
Ion Ratio Lower Upper
278 100
139 18.1 15.4 23.2
279 28.4 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 26.729 min Scan# 5872
Delta R.T. 0.010 min
Lab File: BN036026.D
Acq: 24 Jan 2025 15:54

Tgt Ion:276 Resp: 5199
Ion Ratio Lower Upper
276 100
138 22.2 19.4 29.0
277 27.3 21.1 31.7

