

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012125\
 Data File : BN036004.D
 Acq On : 21 Jan 2025 13:47
 Operator : RC/JU
 Sample : SSTD0.457
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4246

Quant Time: Jan 21 23:45:57 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)

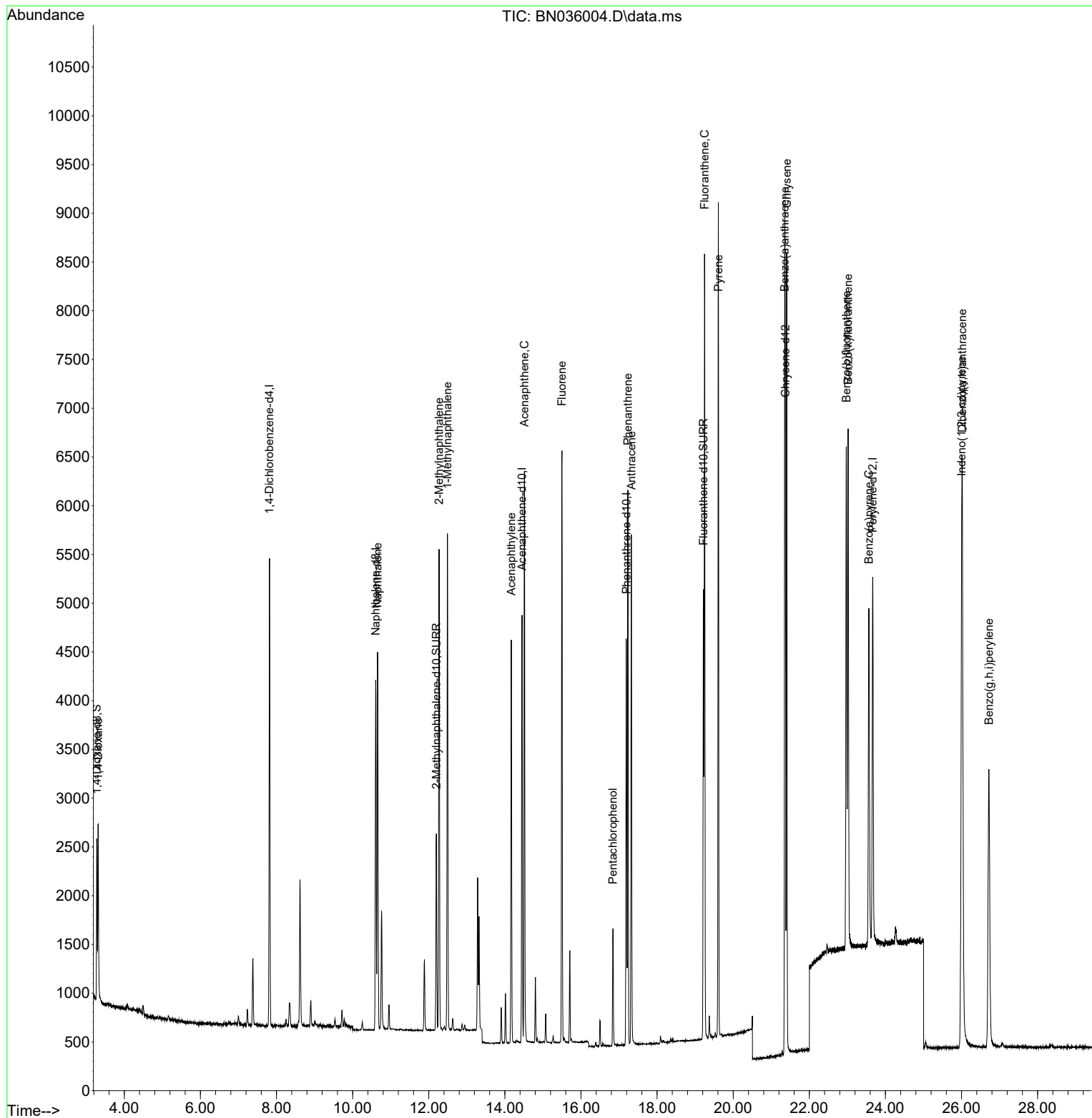
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	2325	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	4615	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	2367	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	4926	0.400	ng/ul	0.00
17) Chrysene-d12	21.371	240	4604	0.400	ng/ul	0.00
23) Perylene-d12	23.666	264	4940	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	977	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	2460	0.422	ng/ul	0.00
18) Fluoranthene-d10	19.219	212	5038	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	1075	0.396	ng/ul	100
5) Naphthalene	10.655	128	5142	0.404	ng/ul	100
7) 2-Methylnaphthalene	12.271	142	3180	0.403	ng/ul	100
8) 1-Methylnaphthalene	12.491	142	3250	0.405	ng/ul	100
10) Acenaphthylene	14.168	152	4456	0.399	ng/ul	100
11) Acenaphthene	14.515	153	3222	0.392	ng/ul	100
12) Fluorene	15.500	166	3673	0.405	ng/ul	100
14) Pentachlorophenol	16.841	266	742	0.430	ng/ul	100
15) Phenanthrene	17.233	178	5835	0.405	ng/ul	100
16) Anthracene	17.322	178	5436	0.405	ng/ul	100
19) Fluoranthene	19.247	202	6800	0.389	ng/ul	100
20) Pyrene	19.610	202	7038	0.385	ng/ul	100
21) Benzo(a)anthracene	21.354	228	6569	0.400	ng/ul	100
22) Chrysene	21.406	228	6778	0.404	ng/ul	100
24) Benzo(b)fluoranthene	22.973	252	6688	0.406	ng/ul	100
25) Benzo(k)fluoranthene	23.020	252	6907	0.398	ng/ul	100
26) Benzo(a)pyrene	23.563	252	5555	0.373	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.004	276	7820	0.397	ng/ul	100
28) Dibenzo(a,h)anthracene	26.021	278	6121	0.403	ng/ul	100
29) Benzo(g,h,i)perylene	26.719	276	6110	0.399	ng/ul	100

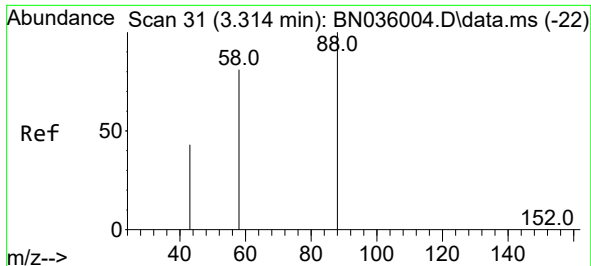
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012125\
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Sample : SST0.457
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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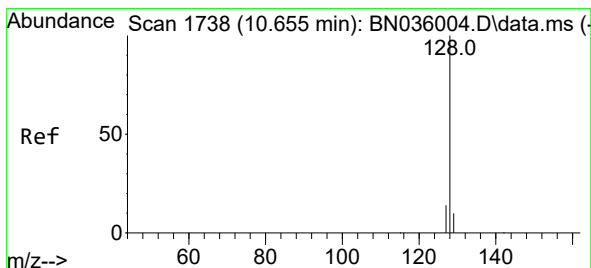
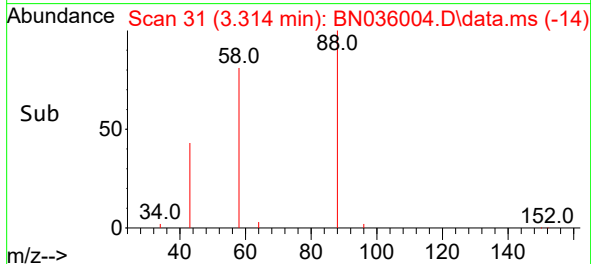
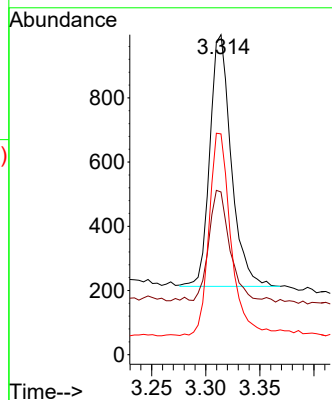
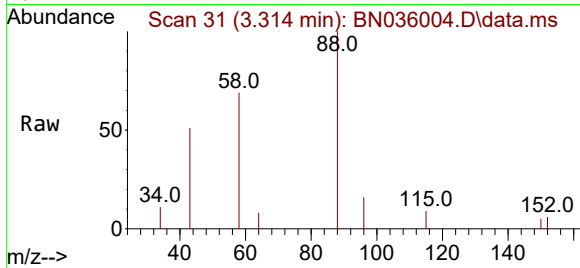




#2
1,4-Dioxane
Concen: 0.396 ng/ul
RT: 3.314 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

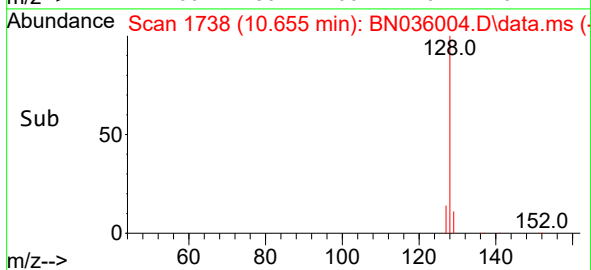
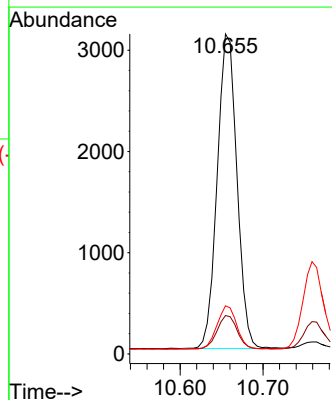
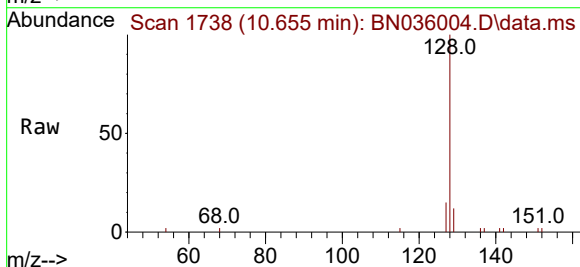
Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

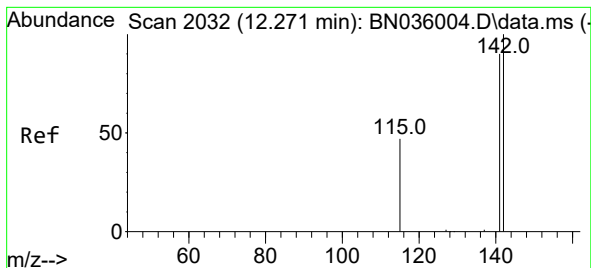
Tgt Ion: 88 Resp: 1075
Ion Ratio Lower Upper
88 100
43 50.9 40.7 61.1
58 69.0 55.2 82.8



#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

Tgt Ion: 128 Resp: 5142
Ion Ratio Lower Upper
128 100
129 12.0 9.6 14.4
127 15.0 12.0 18.0

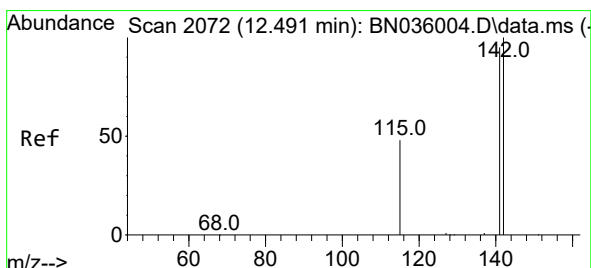
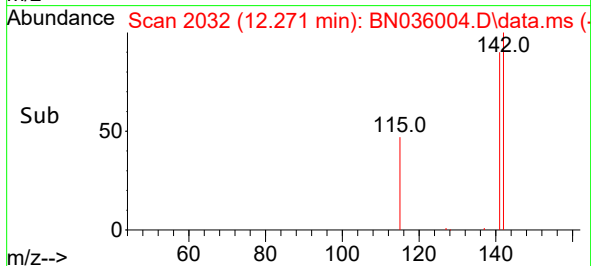
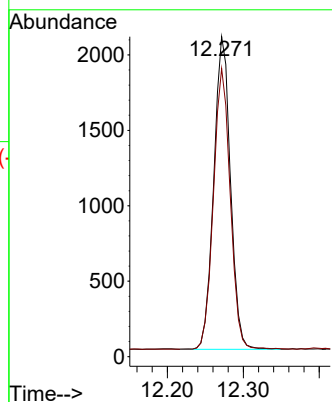
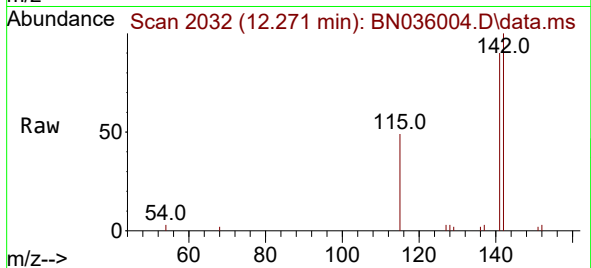




#7
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.271 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

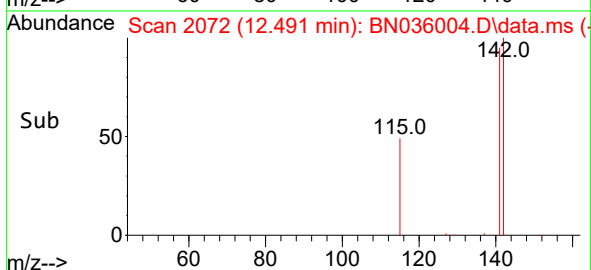
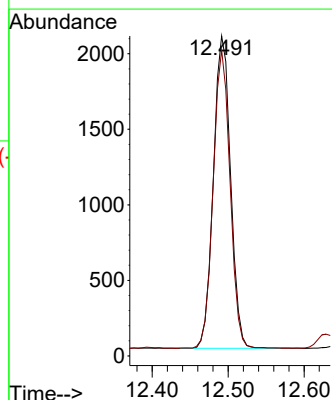
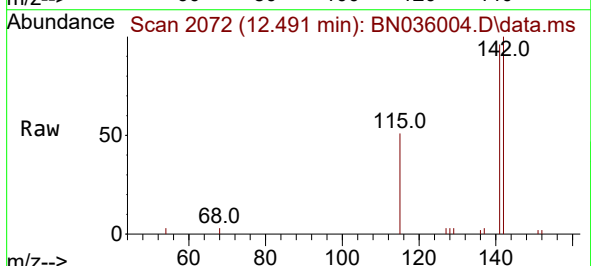
Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

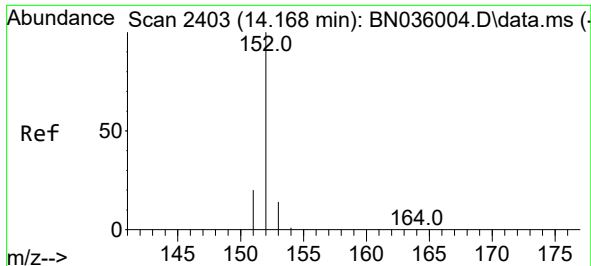
Tgt Ion:142 Resp: 3180
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

Tgt Ion:142 Resp: 3250
Ion Ratio Lower Upper
142 100
141 94.0 75.2 112.8

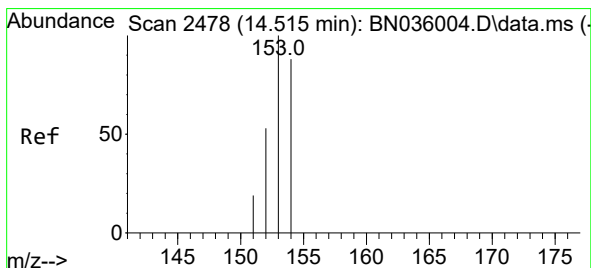
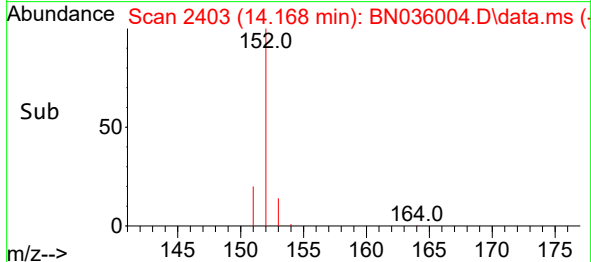
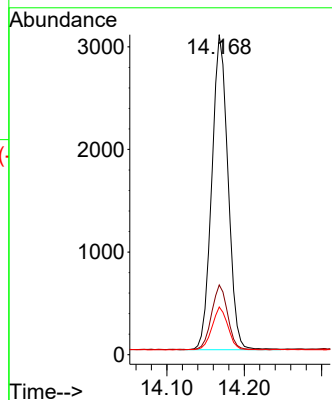
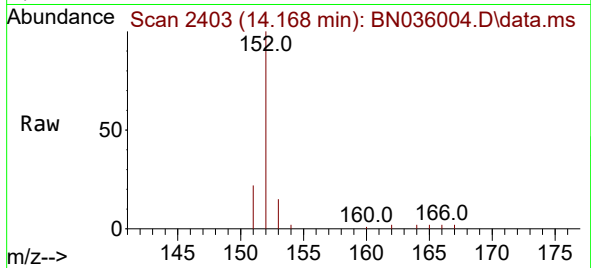




#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.168 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

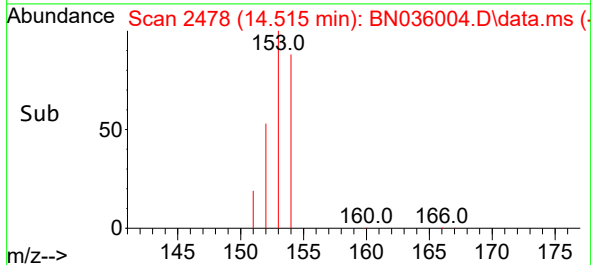
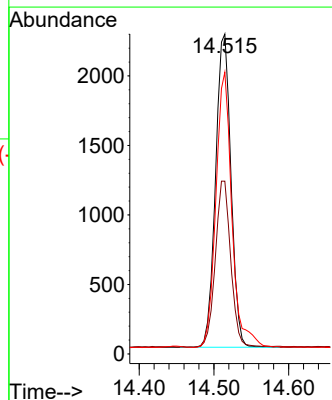
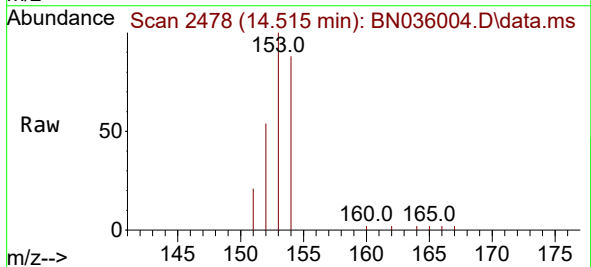
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BNA_N
ClientSampleId :
SSTD0.4246

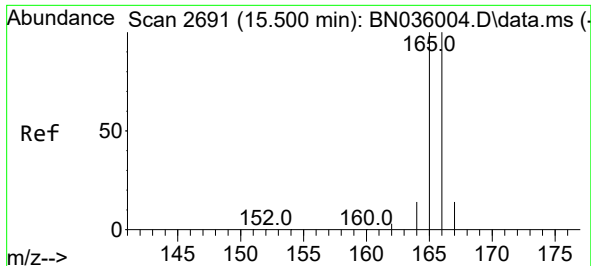
Tgt Ion:152 Resp: 4456
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2
153 14.9 11.9 17.9



#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.515 min Scan# 2478
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

Tgt Ion:153 Resp: 3222
Ion Ratio Lower Upper
153 100
152 54.0 43.2 64.8
154 88.1 70.5 105.7

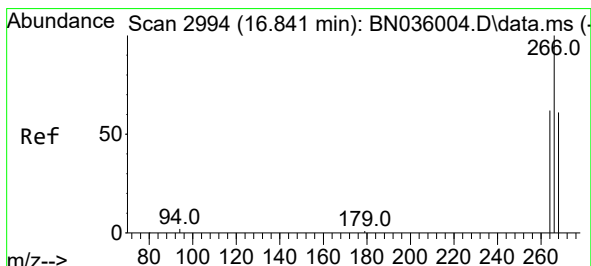
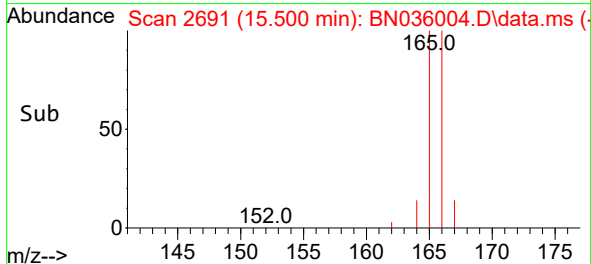
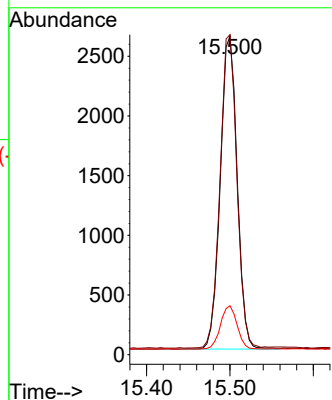
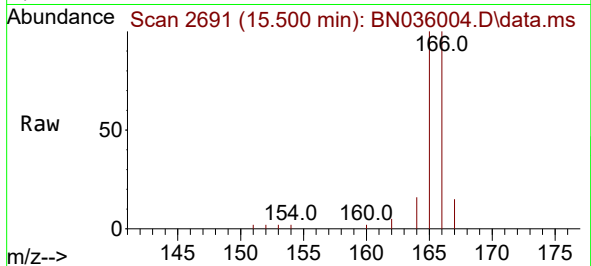




#12
Fluorene
Concen: 0.405 ng/ul
RT: 15.500 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

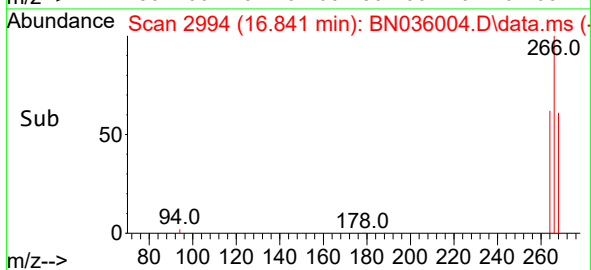
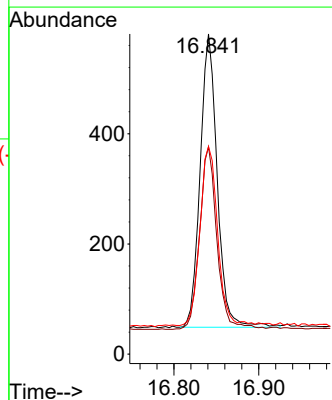
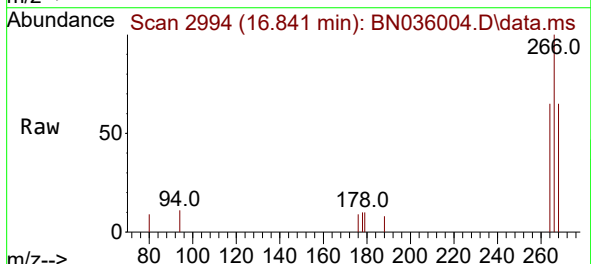
Instrument :
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ClientSampleId :
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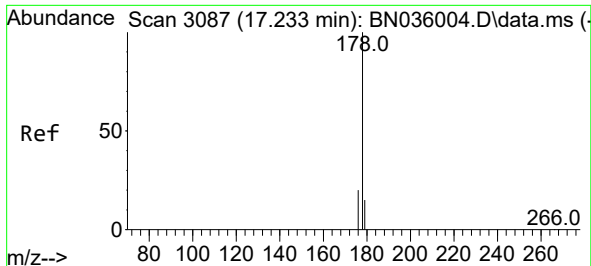
Tgt Ion:166 Resp: 3673
Ion Ratio Lower Upper
166 100
165 100.4 80.3 120.5
167 15.4 12.3 18.5



#14
Pentachlorophenol
Concen: 0.430 ng/ul
RT: 16.841 min Scan# 2994
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

Tgt Ion:266 Resp: 742
Ion Ratio Lower Upper
266 100
264 63.2 50.6 75.8
268 63.2 50.6 75.8

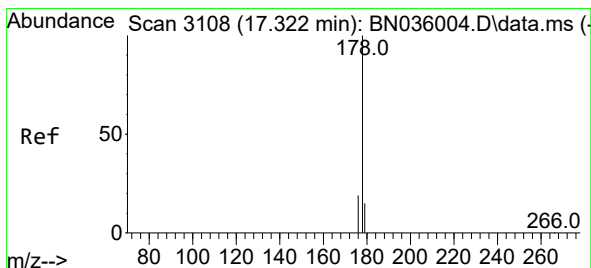
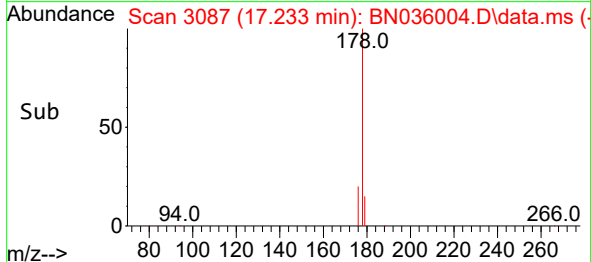
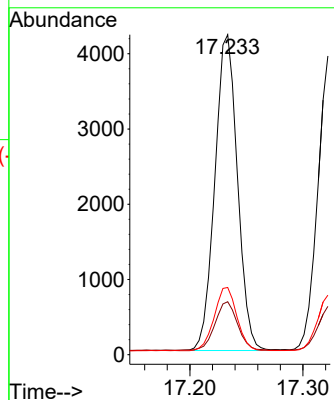
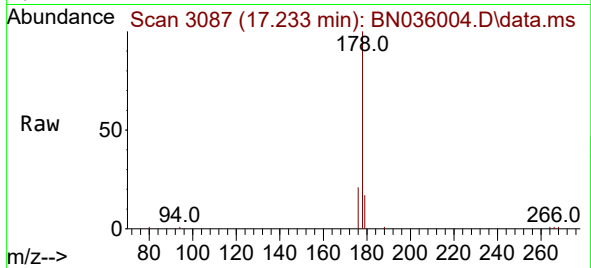




#15
Phenanthrene
Concen: 0.405 ng/ul
RT: 17.233 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

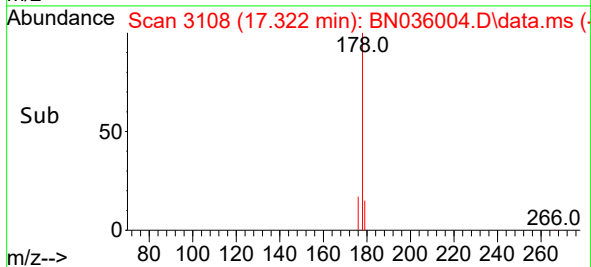
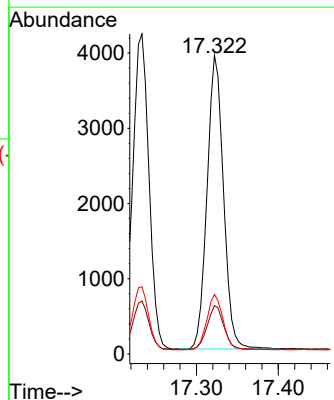
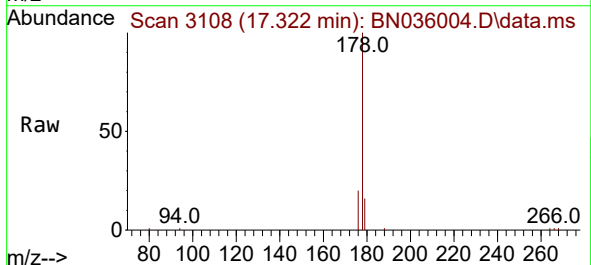
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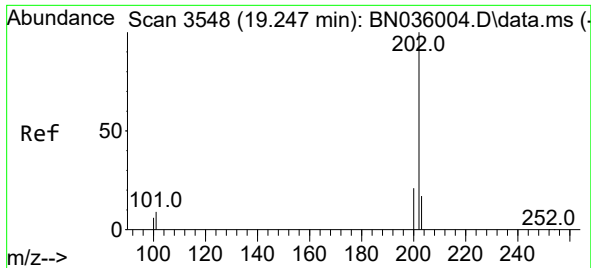
Tgt Ion:178 Resp: 5835
Ion Ratio Lower Upper
178 100
179 16.5 13.2 19.8
176 21.0 16.8 25.2



#16
Anthracene
Concen: 0.405 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

Tgt Ion:178 Resp: 5436
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.9 15.9 23.9

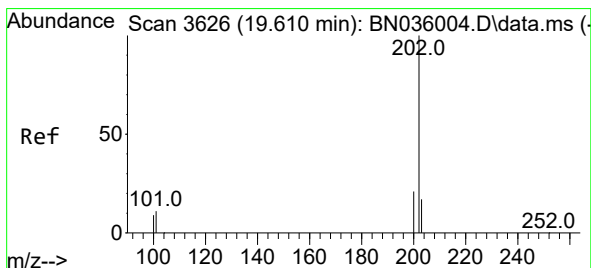
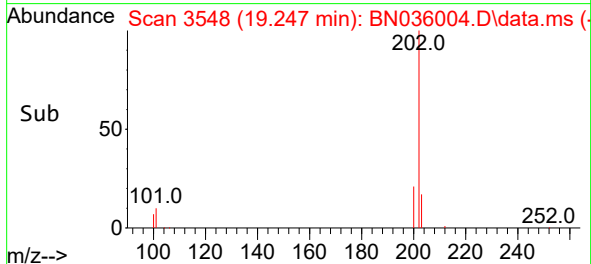
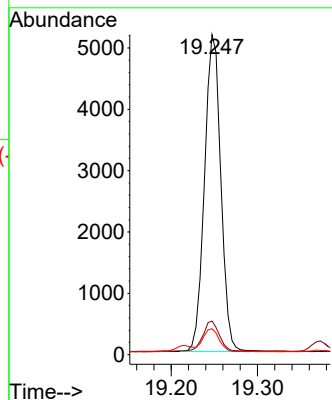
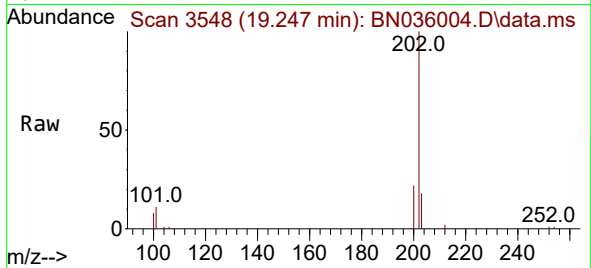




#19
Fluoranthene
Concen: 0.389 ng/ul
RT: 19.247 min Scan# 3548
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

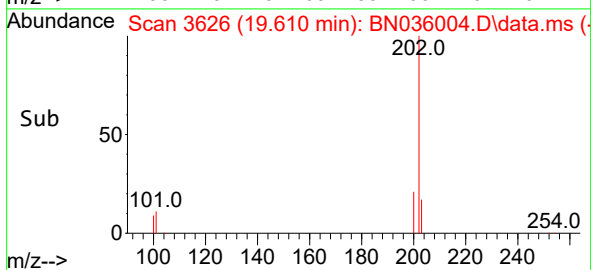
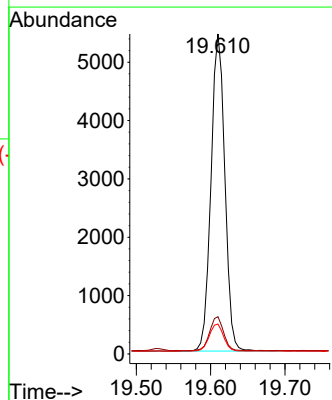
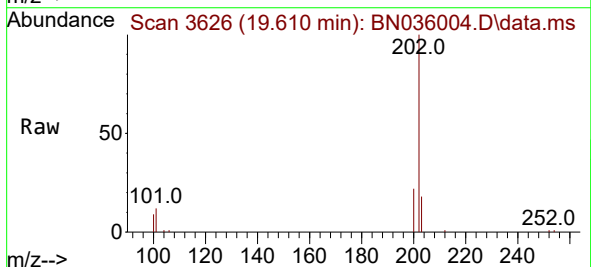
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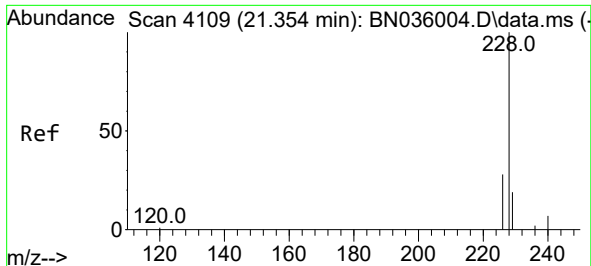
Tgt Ion:202 Resp: 6800
Ion Ratio Lower Upper
202 100
101 10.5 8.4 12.6
100 8.1 6.5 9.7



#20
Pyrene
Concen: 0.385 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

Tgt Ion:202 Resp: 7038
Ion Ratio Lower Upper
202 100
101 11.6 9.3 13.9
100 9.4 7.5 11.3

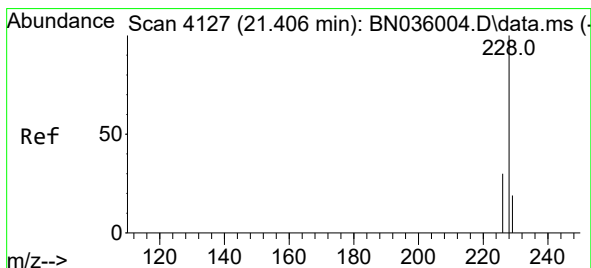
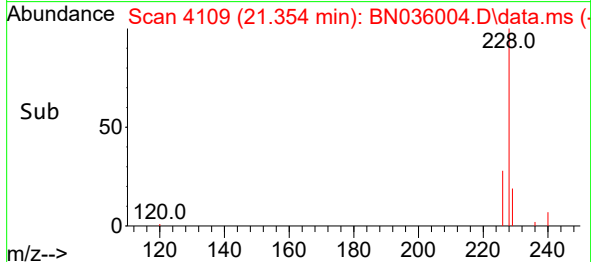
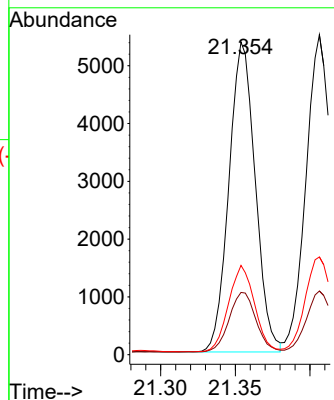
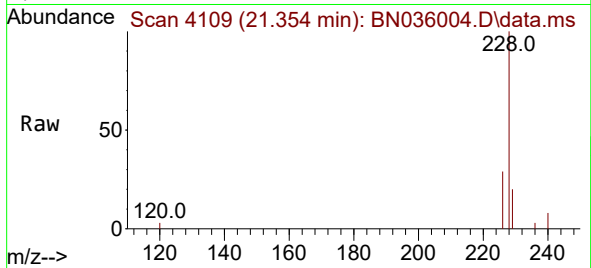




#21
Benzo(a)anthracene
Concen: 0.400 ng/ul
RT: 21.354 min Scan# 4109
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

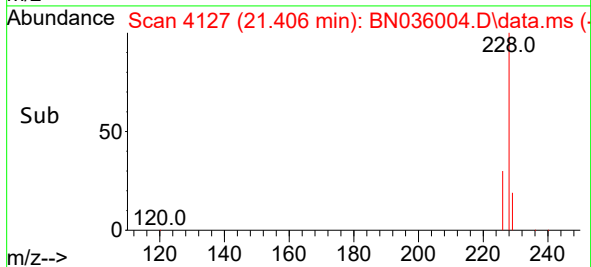
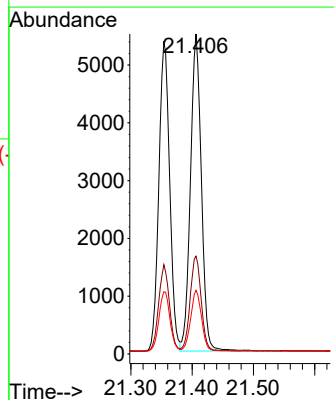
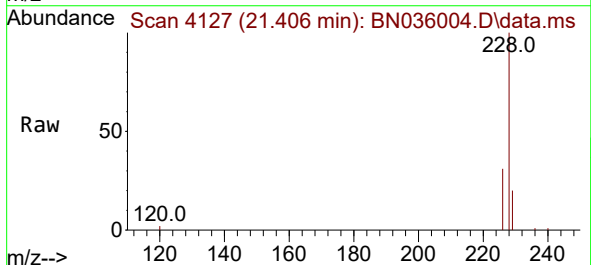
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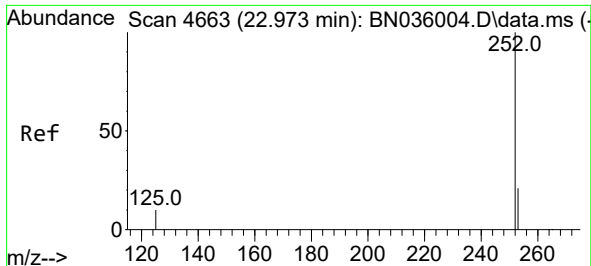
Tgt Ion:228 Resp: 6569
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 28.5 22.8 34.2



#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.406 min Scan# 4127
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

Tgt Ion:228 Resp: 6778
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 19.9 15.9 23.9

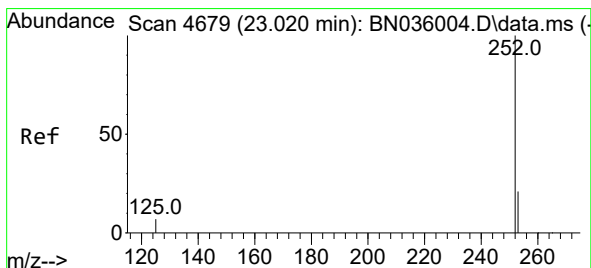
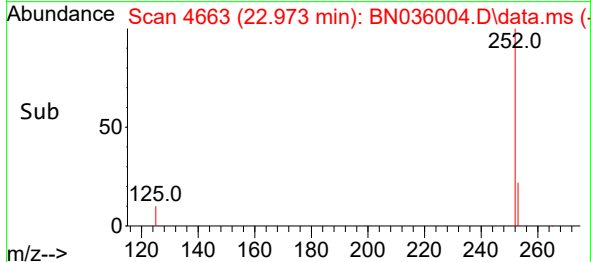
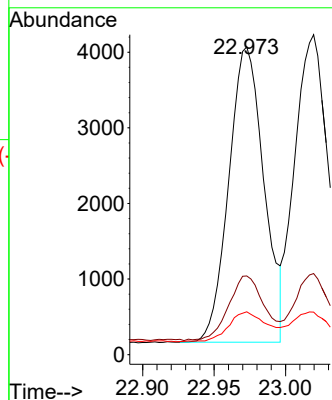
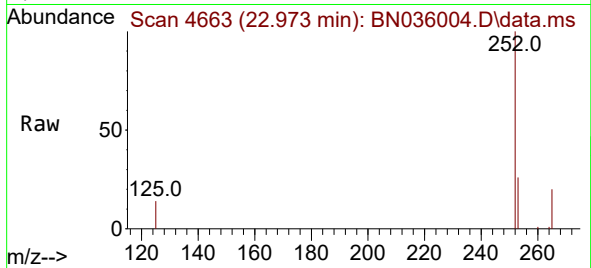




#24
Benzo(b)fluoranthene
Concen: 0.406 ng/ul
RT: 22.973 min Scan# 4663
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

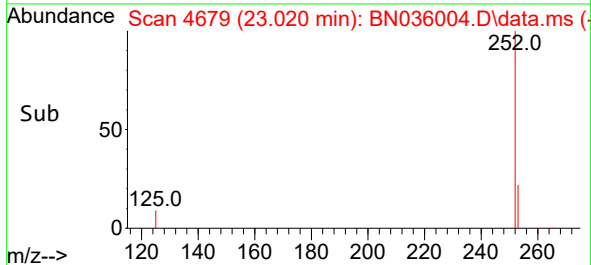
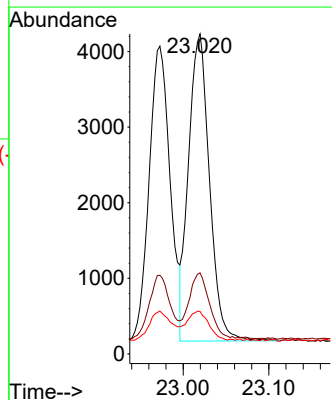
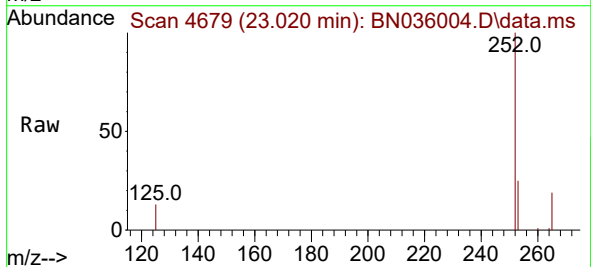
Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

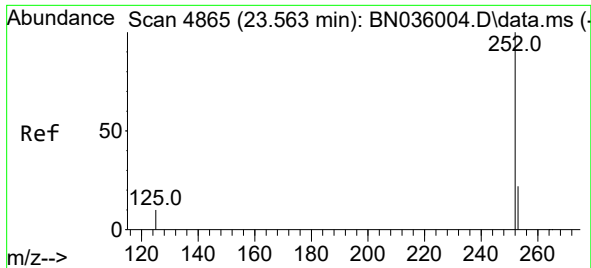
Tgt Ion:252 Resp: 6688
Ion Ratio Lower Upper
252 100
253 25.6 0.0 51.2
125 13.9 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.398 ng/ul
RT: 23.020 min Scan# 4679
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

Tgt Ion:252 Resp: 6907
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.4
125 13.3 10.6 16.0

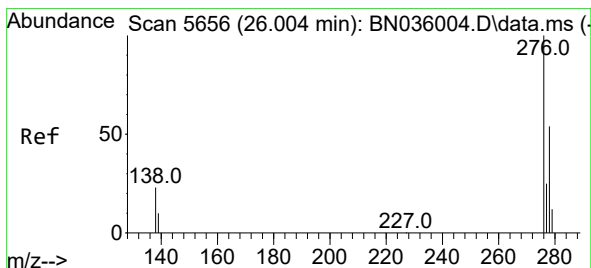
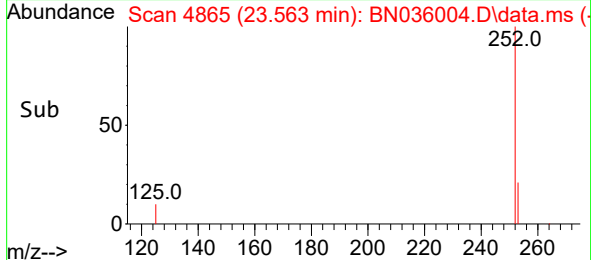
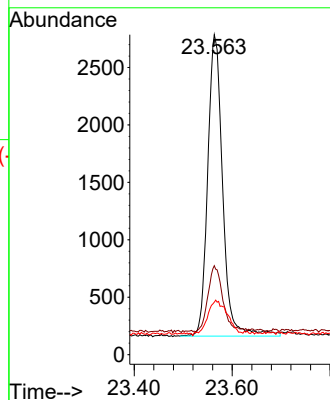
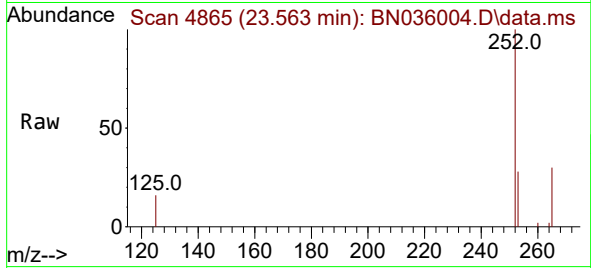




#26
Benzo(a)pyrene
Concen: 0.373 ng/ul
RT: 23.563 min Scan# 4865
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

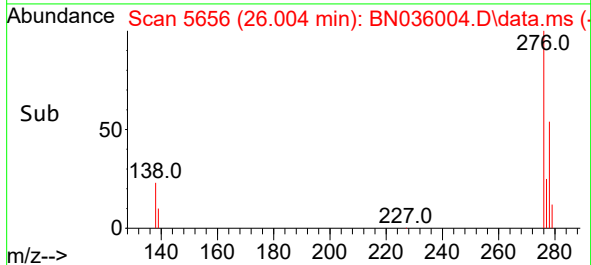
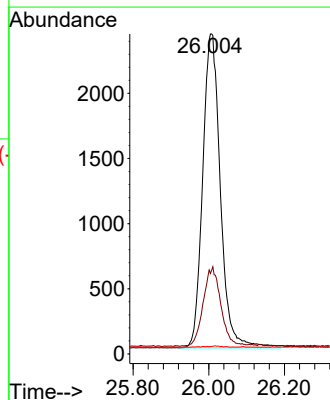
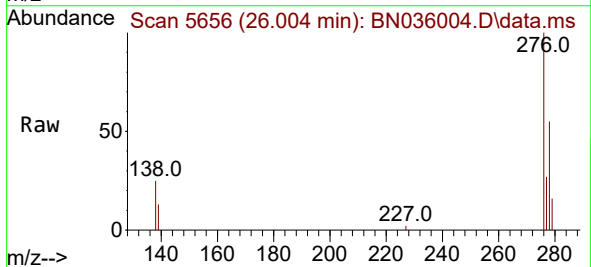
Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

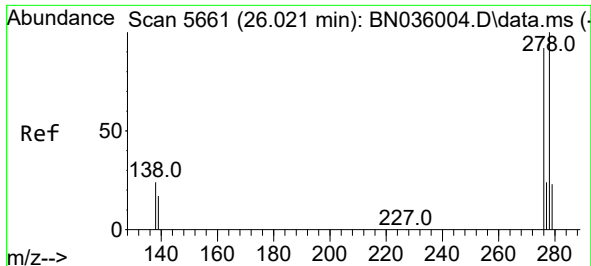
Tgt Ion:	252	Resp:	5555
Ion Ratio	Lower	Upper	
252	100		
253	27.8	22.2	33.4
125	16.4	13.1	19.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 26.004 min Scan# 5656
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

Tgt Ion:	276	Resp:	7820
Ion Ratio	Lower	Upper	
276	100		
138	25.3	20.2	30.4
227	0.1	0.1	0.1

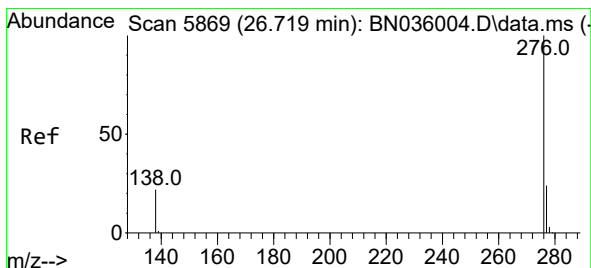
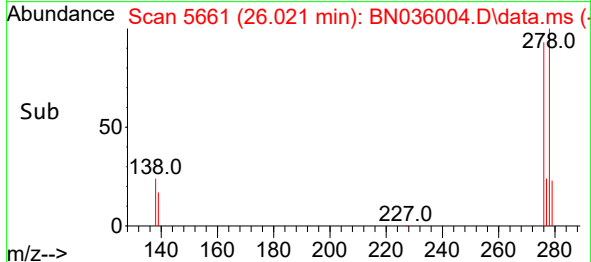
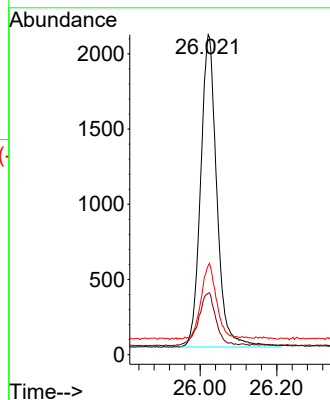
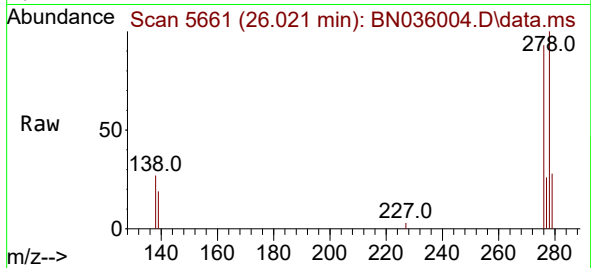




#28
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 26.021 min Scan# 5661
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Tgt Ion:278 Resp: 6121
Ion Ratio Lower Upper
278 100
139 19.3 15.4 23.2
279 27.8 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 26.719 min Scan# 5869
Delta R.T. 0.000 min
Lab File: BN036004.D
Acq: 21 Jan 2025 13:47

Tgt Ion:276 Resp: 6110
Ion Ratio Lower Upper
276 100
138 24.2 19.4 29.0
277 26.4 21.1 31.7

